

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120720\
 Data File : VX019753.D
 Acq On : 07 Dec 2020 16:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/8/2020 5:05:12 PM

Quant Time: Dec 08 06:22:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	315901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	503782	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	469178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	235884	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	185525	44.68	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.36%
35) Dibromofluoromethane	5.46	113	153355	47.10	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.20%
50) Toluene-d8	8.69	98	592655	47.68	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.36%
62) 4-Bromofluorobenzene	11.12	95	230526	48.73	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.46%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	169708	58.678	ug/l 99
3) Chloromethane	1.31	50	169465	49.822	ug/l 99
4) Vinyl Chloride	1.39	62	203141	56.641	ug/l 99
5) Bromomethane	1.62	94	61425	51.580	ug/l 100
6) Chloroethane	1.70	64	129175	59.957	ug/l 98
7) Trichlorofluoromethane	1.91	101	287298	57.520	ug/l 98
8) Diethyl Ether	2.17	74	118842	56.148	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	164488	57.455	ug/l 100
10) Methyl Iodide	2.49	142	169900	40.262	ug/l 99
11) Tert butyl alcohol	3.01	59	234911	275.479	ug/l 100
12) 1,1-Dichloroethene	2.36	96	163072	56.342	ug/l 97
13) Acrolein	2.27	56	130386	284.507	ug/l 100
14) Allyl chloride	2.70	41	273454	55.941	ug/l 100
15) Acrylonitrile	3.11	53	516518	275.191	ug/l 99
16) Acetone	2.41	43	466693	299.051	ug/l 98
17) Carbon Disulfide	2.55	76	451659	54.385	ug/l 100
18) Methyl Acetate	2.74	43	214320	56.121	ug/l 99
19) Methyl tert-butyl Ether	3.16	73	610103	57.881	ug/l 98
20) Methylene Chloride	2.83	84	204313	57.562	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	190200	56.366	ug/l 97
22) Diisopropyl ether	3.82	45	569715	57.644	ug/l 95
23) Vinyl Acetate	3.78	43	2436802	289.400	ug/l 99
24) 1,1-Dichloroethane	3.66	63	337122	56.564	ug/l 100
25) 2-Butanone	4.62	43	682513	284.618	ug/l 99
26) 2,2-Dichloropropane	4.54	77	297519	57.967	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	222921	56.451	ug/l 99
28) Bromochloromethane	4.97	49	133476	46.979	ug/l 97
29) Tetrahydrofuran	5.08	42	419934	271.802	ug/l 99
30) Chloroform	5.17	83	348456	56.861	ug/l 97
31) Cyclohexane	5.54	56	295048	57.129	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	303621	57.532	ug/l 100
36) 1,1-Dichloropropene	5.76	75	261109	57.357	ug/l 99
37) Ethyl Acetate	4.78	43	258661	56.275	ug/l 99
38) Carbon Tetrachloride	5.74	117	260650	58.469	ug/l 98

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 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	320116	59.852	ug/l	99
40) Benzene	6.10	78	799257	57.475	ug/l	99
41) Methacrylonitrile	4.99	41	141631	56.123	ug/l	99
42) 1,2-Dichloroethane	6.15	62	272452	57.343	ug/l	99
43) Isopropyl Acetate	6.40	43	422518	56.542	ug/l	100
44) Trichloroethene	7.18	130	210370	57.657	ug/l	100
45) 1,2-Dichloropropane	7.48	63	200263	57.621	ug/l	96
46) Dibromomethane	7.63	93	134893	57.473	ug/l	98
47) Bromodichloromethane	7.87	83	276489	59.367	ug/l	99
48) Methyl methacrylate	7.74	41	211557	57.564	ug/l	99
49) 1,4-Dioxane	7.71	88	99819	1121.187	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1312363	287.651	ug/l	99
52) Toluene	8.76	92	507930	58.400	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	309171	59.822	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	333752	59.442	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	205134	58.527	ug/l	97
56) Ethyl methacrylate	9.15	69	317566	59.886	ug/l	100
57) 1,3-Dichloropropane	9.35	76	344723	57.600	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	886258	315.480	ug/l	99
59) 2-Hexanone	9.47	43	1034031	292.395	ug/l	100
60) Dibromochloromethane	9.56	129	214157	60.140	ug/l	98
61) 1,2-Dibromoethane	9.65	107	218315	58.658	ug/l	99
64) Tetrachloroethene	9.31	164	183858	58.434	ug/l	96
65) Chlorobenzene	10.12	112	535689	57.309	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	201235	59.814	ug/l	99
67) Ethyl Benzene	10.23	91	974186	58.714	ug/l	99
68) m/p-Xylenes	10.34	106	739785	118.326	ug/l	99
69) o-Xylene	10.68	106	357956	59.519	ug/l	98
70) Styrene	10.70	104	611384	60.228	ug/l	100
71) Bromoform	10.84	173	160288	60.562	ug/l #	98
73) Isopropylbenzene	11.00	105	953999	59.197	ug/l	100
74) N-amyl acetate	10.88	43	373604	57.850	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	321797	56.638	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	307379m	58.100	ug/l	
77) Bromobenzene	11.24	156	241650	58.594	ug/l	98
78) n-propylbenzene	11.34	91	1112144	60.422	ug/l	100
79) 2-Chlorotoluene	11.40	91	660861	58.303	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	819443	60.249	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	112051	61.227	ug/l	97
82) 4-Chlorotoluene	11.49	91	777120	58.539	ug/l	99
83) tert-Butylbenzene	11.76	119	808515	60.612	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	829194	60.523	ug/l	100
85) sec-Butylbenzene	11.93	105	931080	61.136	ug/l	99
86) p-Isopropyltoluene	12.05	119	867703	62.167	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	437422	57.789	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	441397	57.254	ug/l	100
89) n-Butylbenzene	12.37	91	763838	61.769	ug/l	100
90) Hexachloroethane	12.58	117	149219	61.924	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	424795	57.570	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	68893	56.404	ug/l	98

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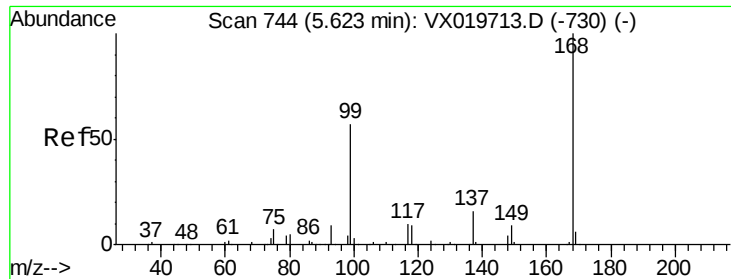
Manual Integrations
APPROVED

MMDadoda
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	282101	58.731	ug/l	100
94) Hexachlorobutadiene	13.76	225	123667	57.604	ug/l	97
95) Naphthalene	13.82	128	916719	58.869	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	273362	58.234	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 315901

Ion Ratio Lower Upper

168 100

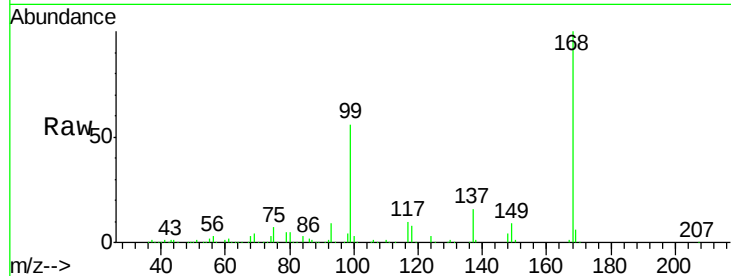
99 56.1 45.8 68.6

Manual Integrations

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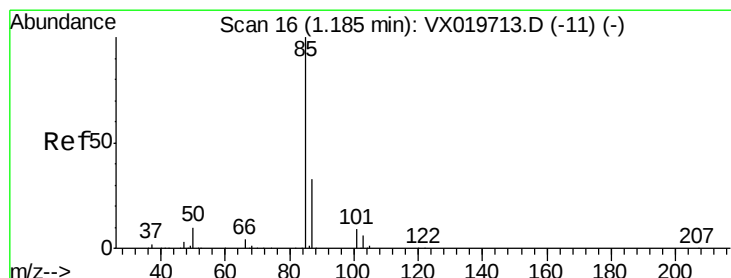
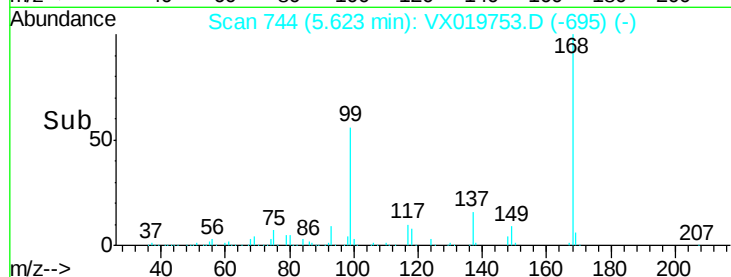
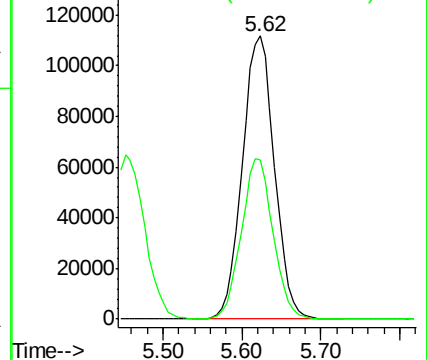
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12/8/2020 5:05:12 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 58.678 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019753.D

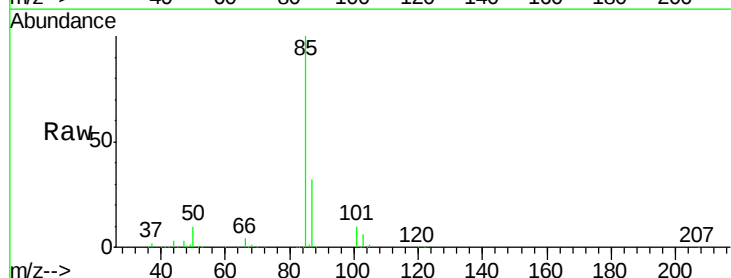
Acq: 07 Dec 2020 16:14

Tgt Ion: 85 Resp: 169708

Ion Ratio Lower Upper

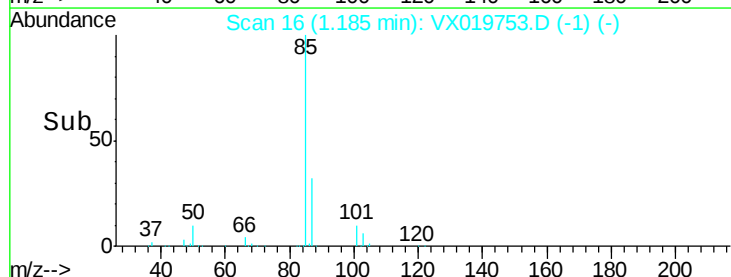
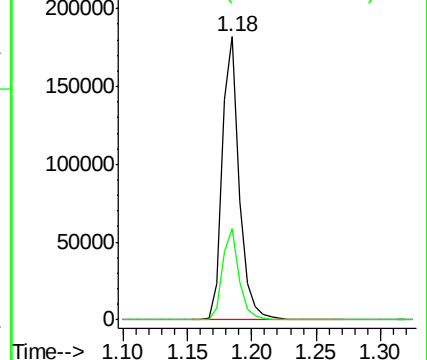
85 100

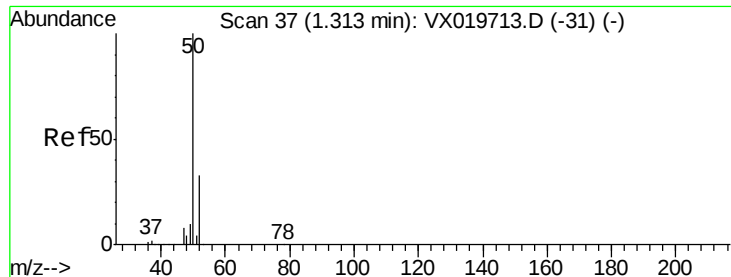
87 32.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.822 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 169465

Ion Ratio Lower Upper

50 100

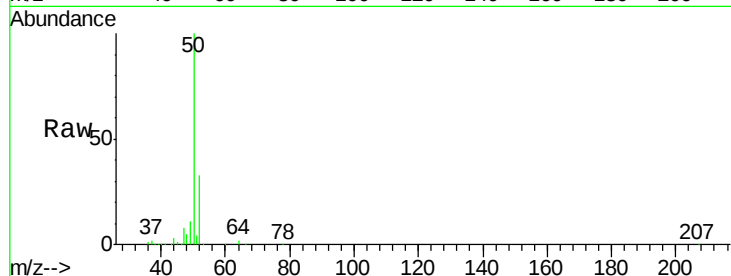
52 33.4 26.4 39.6

Manual Integrations

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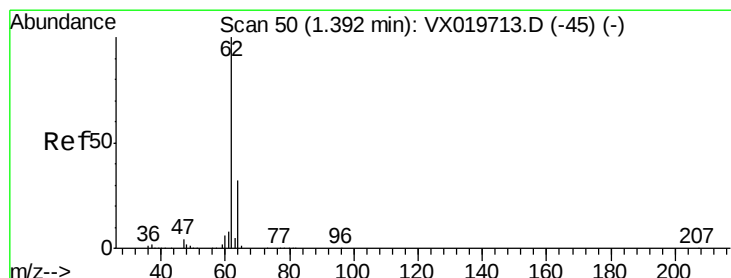
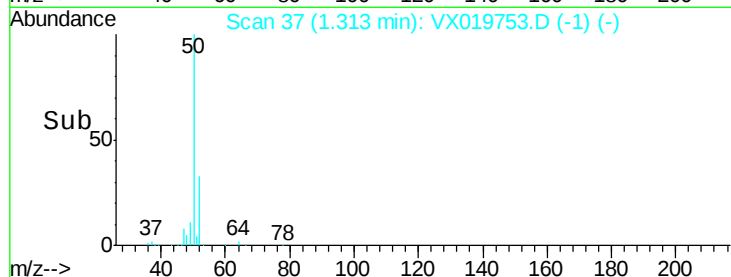
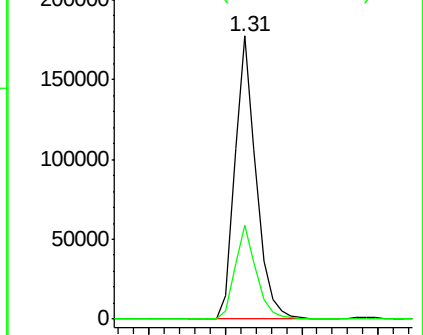
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 56.641 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019753.D

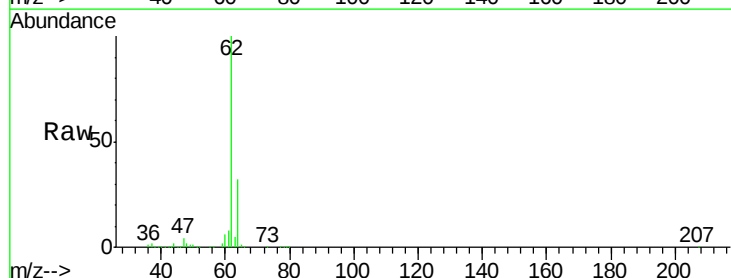
Acq: 07 Dec 2020 16:14

Tgt Ion: 62 Resp: 203141

Ion Ratio Lower Upper

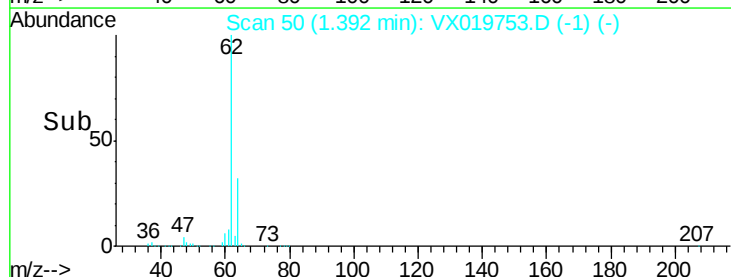
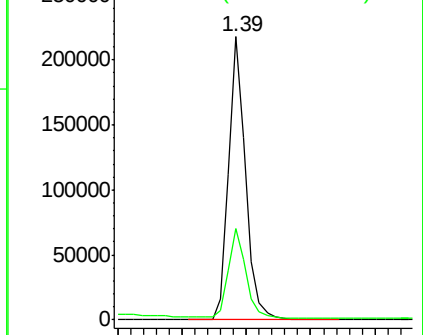
62 100

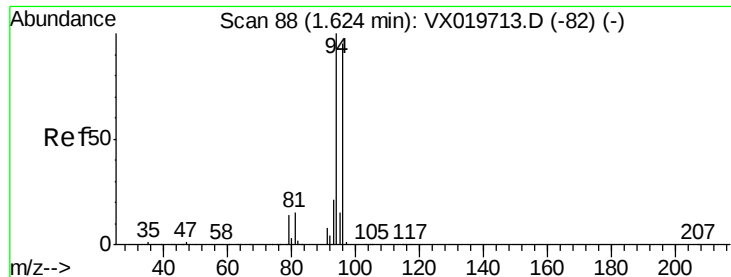
64 31.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.580 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 61425

Ion Ratio Lower Upper

94 100

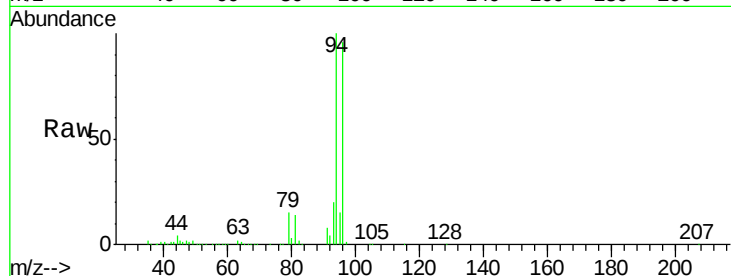
96 95.9 76.4 114.6

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

60000

50000

40000

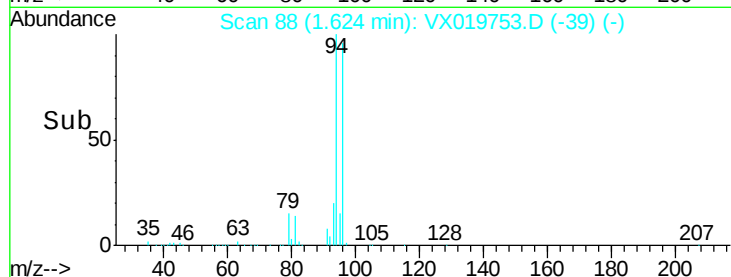
30000

20000

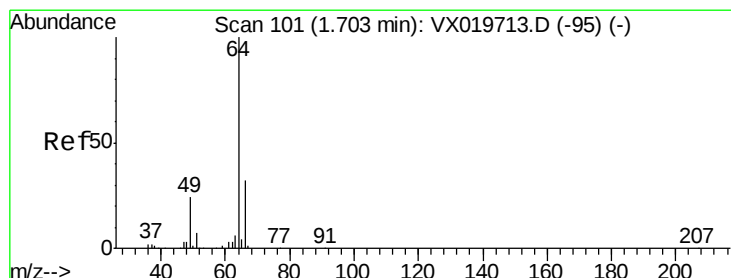
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0

Time-->



Time-->



#6

Chloroethane

Concen: 59.957 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX019753.D

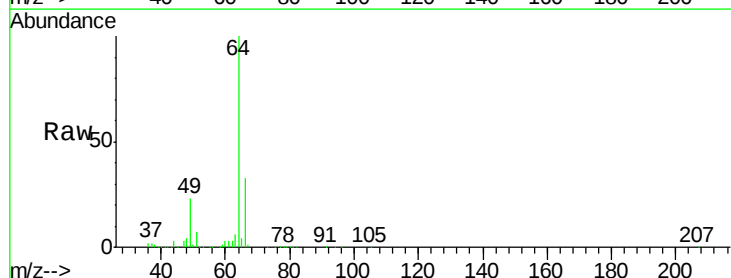
Acq: 07 Dec 2020 16:14

Tgt Ion: 64 Resp: 129175

Ion Ratio Lower Upper

64 100

66 32.9 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

100000

80000

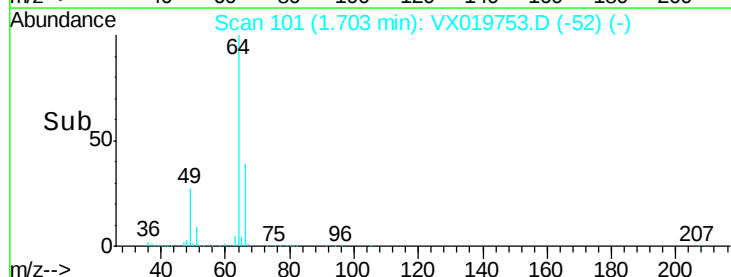
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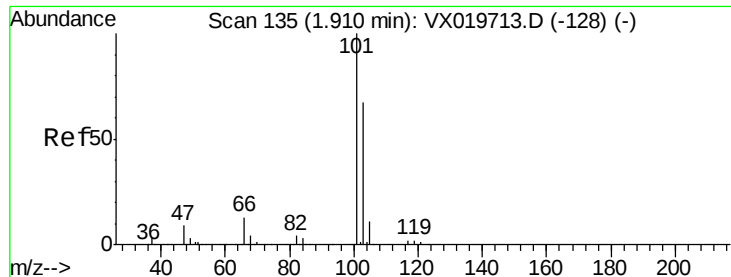
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Time-->



Time-->



#7

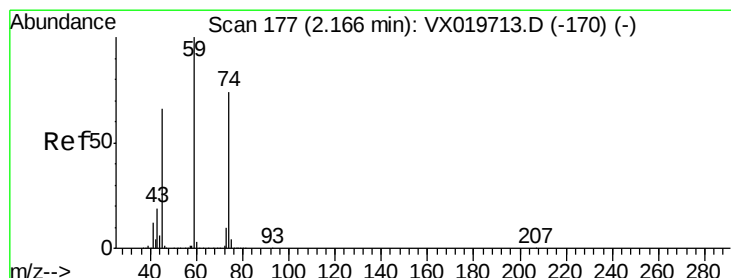
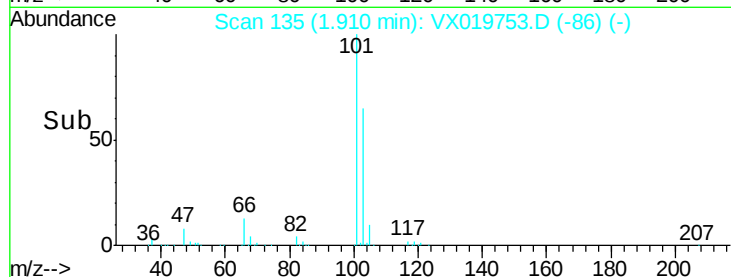
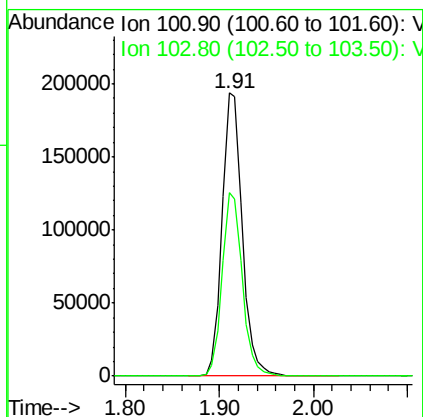
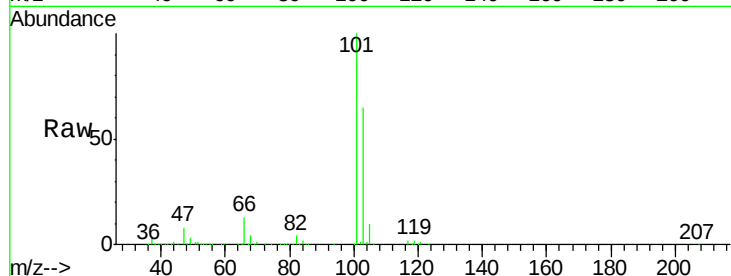
Trichlorofluoromethane
Concen: 57.520 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	53.2	79.8

Manual Integrations
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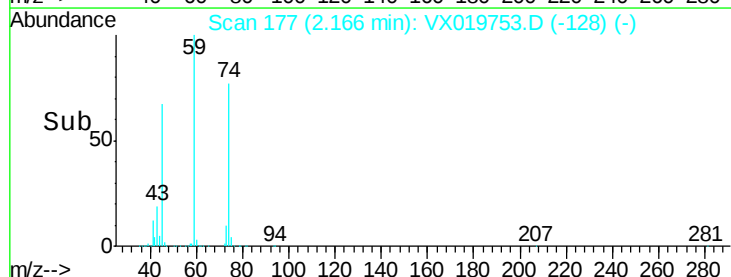
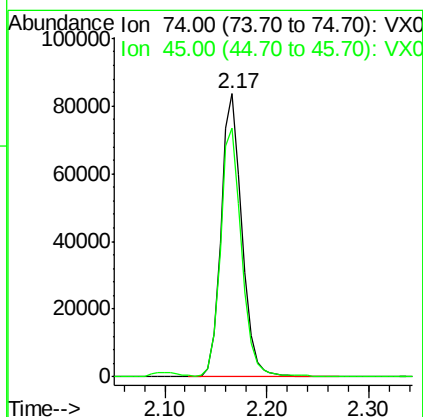
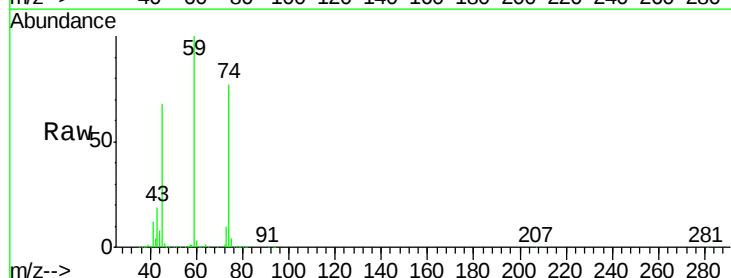
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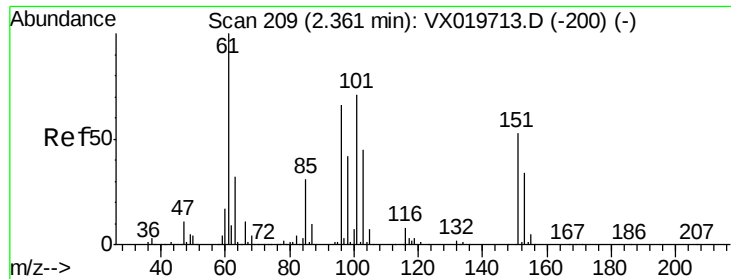


#8

Diethyl Ether
Concen: 56.148 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.8	44.5	133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.455 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

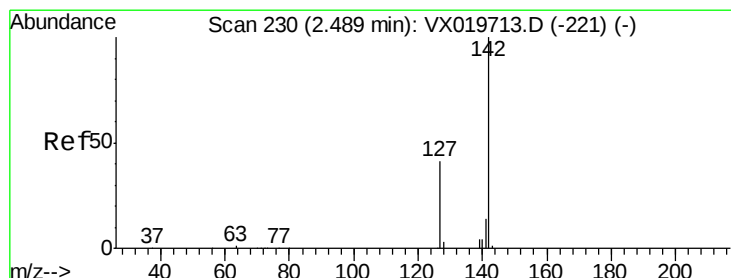
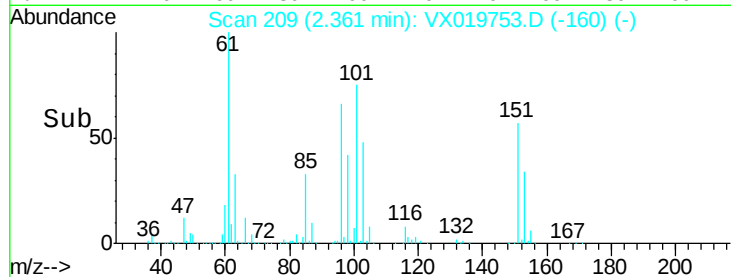
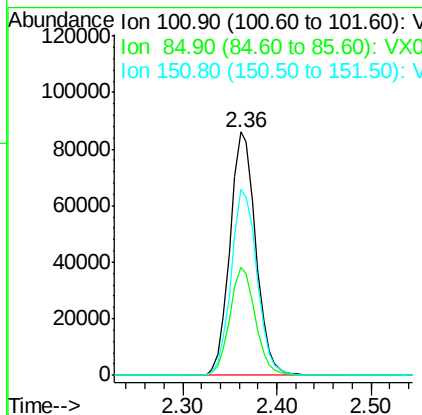
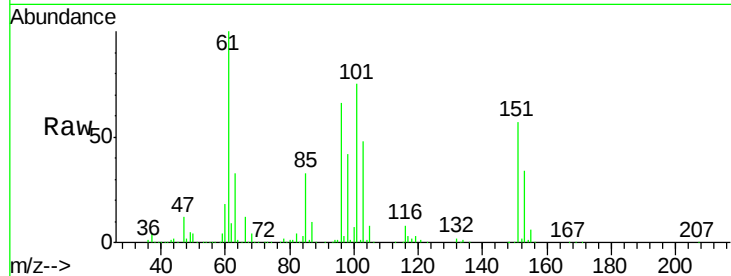
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	164488
Ion Ratio	Lower	Upper	
101	100		
85	43.7	34.9	52.3
151	76.4	61.4	92.2

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#10

Methyl Iodide

Concen: 40.262 ug/l

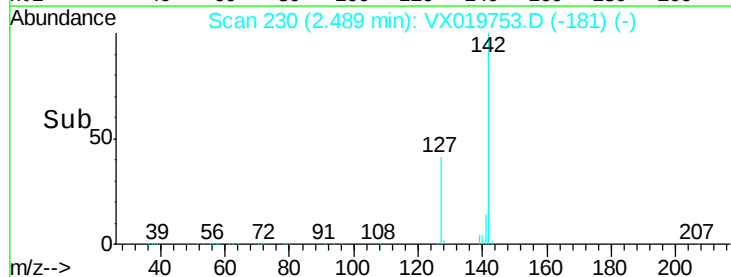
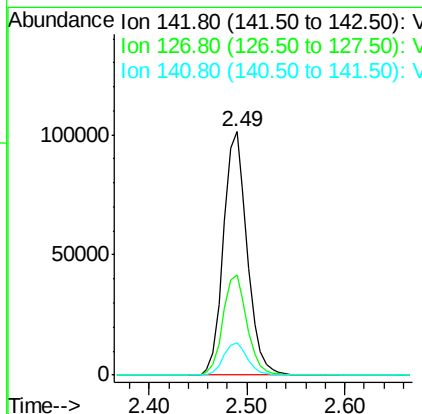
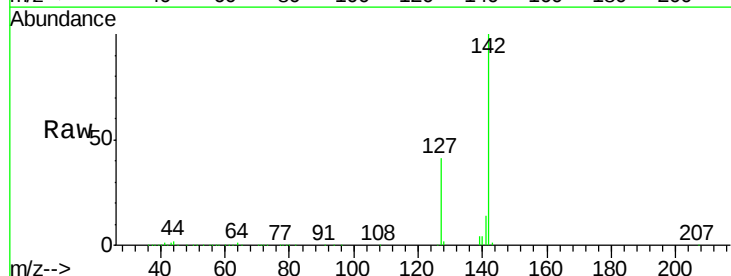
RT: 2.49 min Scan# 230

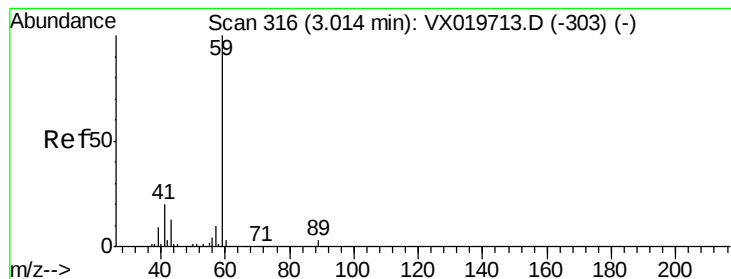
Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Tgt Ion:	142	Resp:	169900
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.3	49.9
141	13.7	11.4	17.0





#11

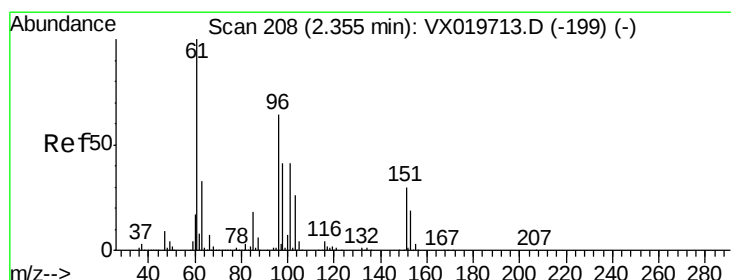
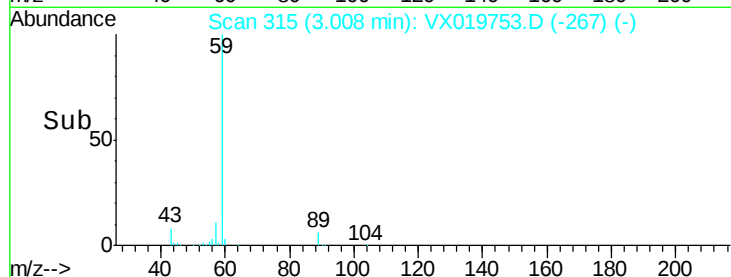
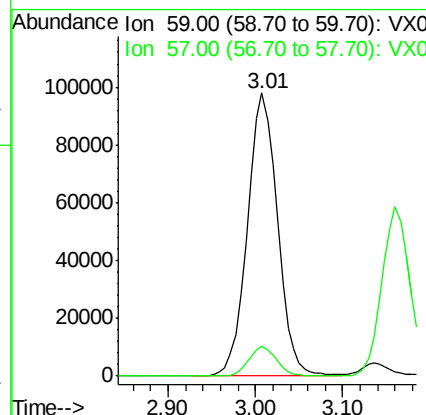
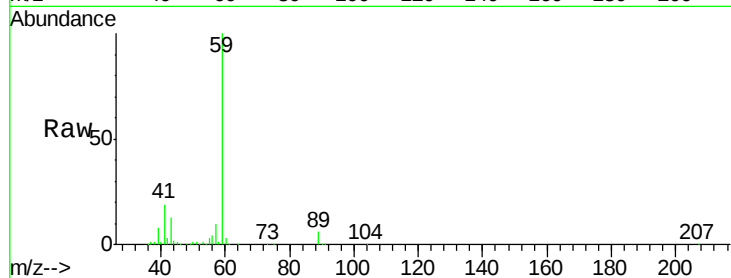
Tert butyl alcohol
Concen: 275.479 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	234911		
57	9.7		7.8	11.8

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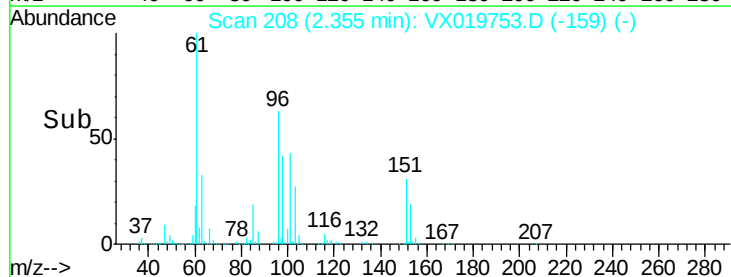
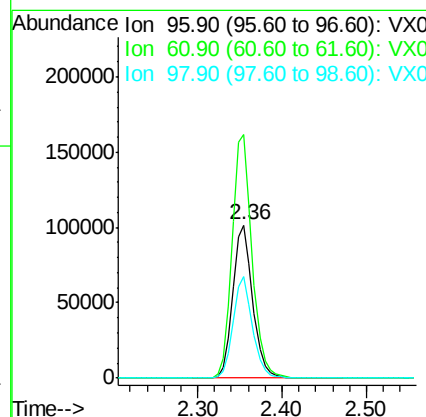
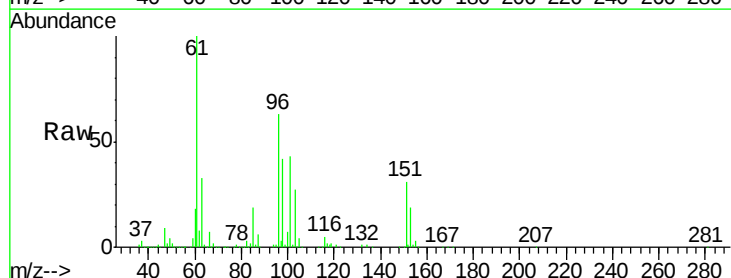
MMDadoda
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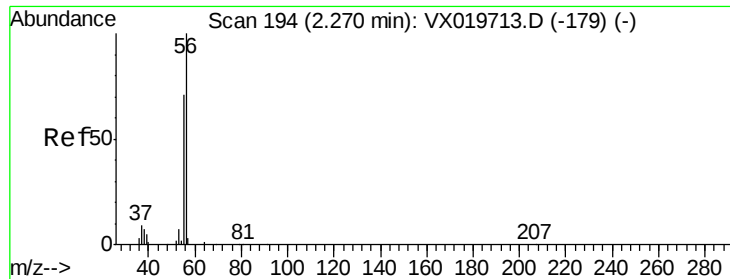


#12

1,1-Dichloroethene
Concen: 56.342 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	163072		
61	158.8		124.6	187.0
98	66.0		50.6	76.0





#13

Acrolein

Concen: 284.507 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 130386

Ion Ratio Lower Upper

56 100

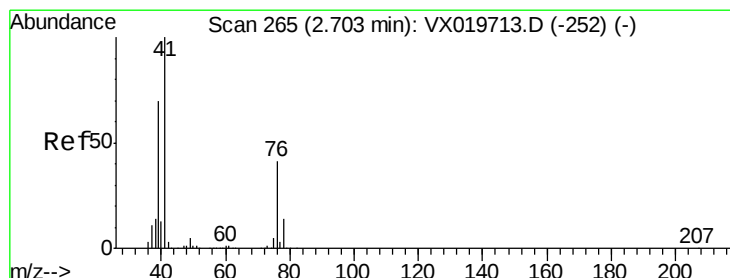
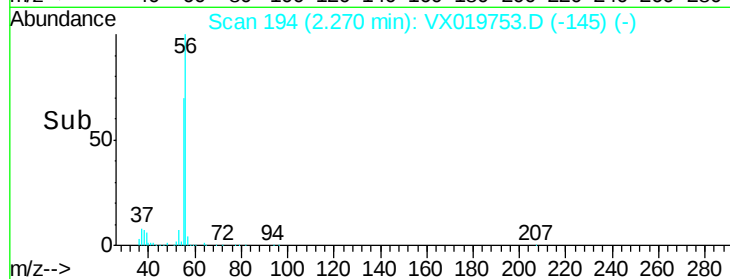
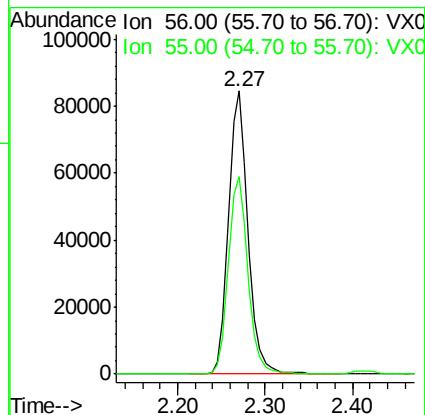
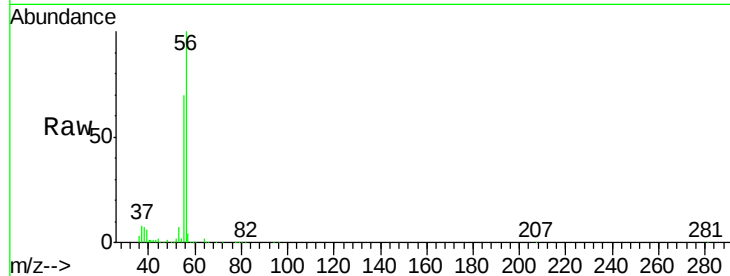
55 70.2 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 55.941 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

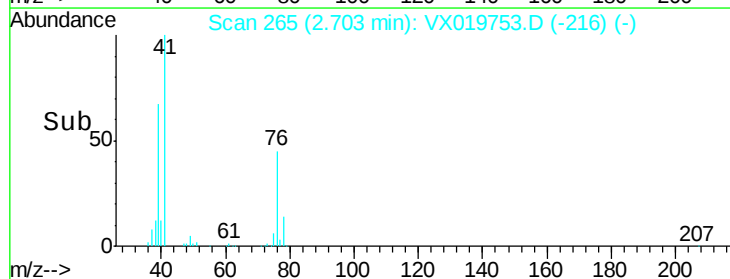
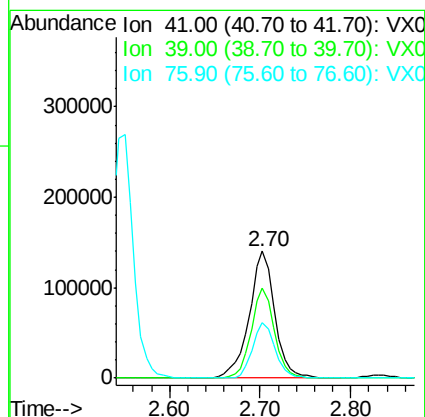
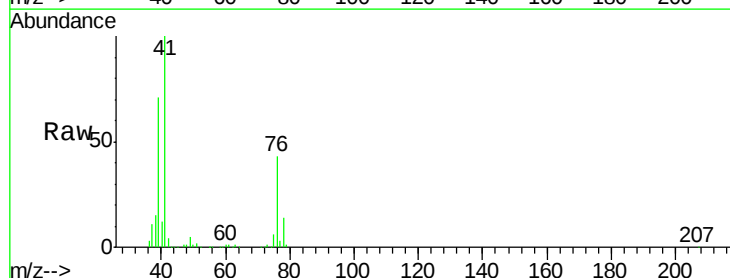
Tgt Ion: 41 Resp: 273454

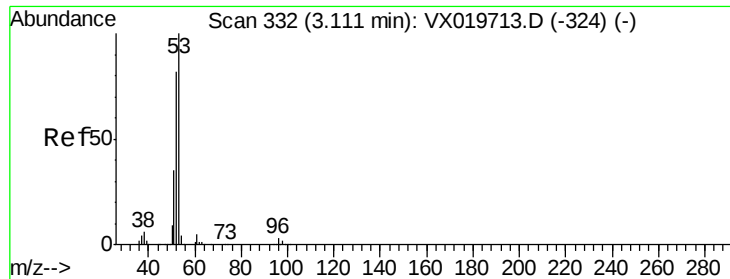
Ion Ratio Lower Upper

41 100

39 64.8 51.6 77.4

76 38.5 30.5 45.7





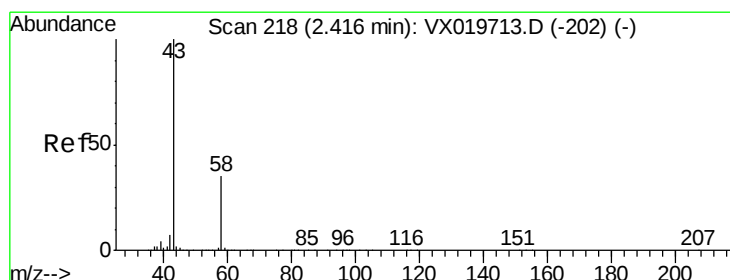
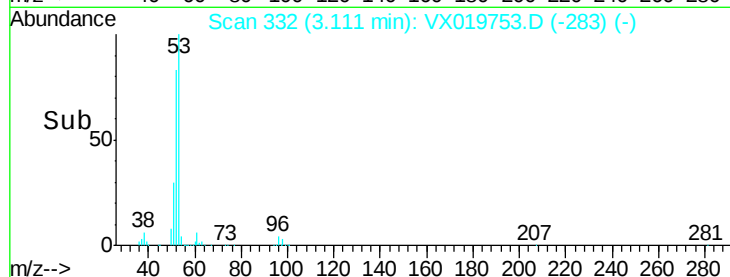
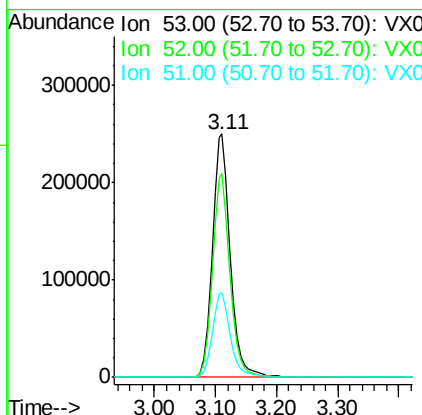
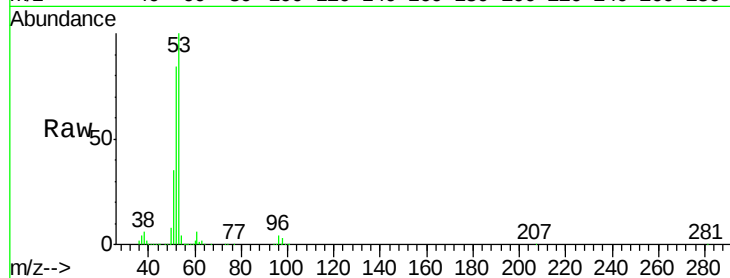
#15
 Acrylonitrile
 Concen: 275.191 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	516518
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.3	97.9
51	35.3	28.2	42.2

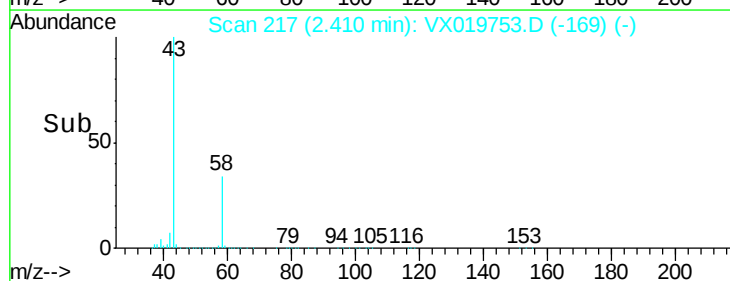
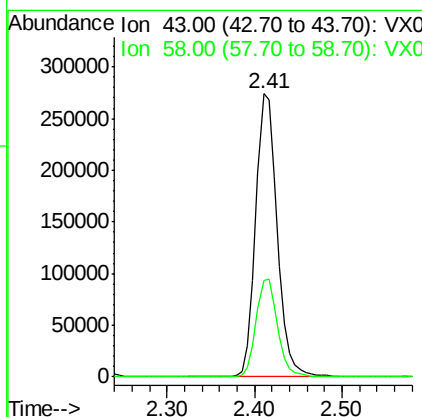
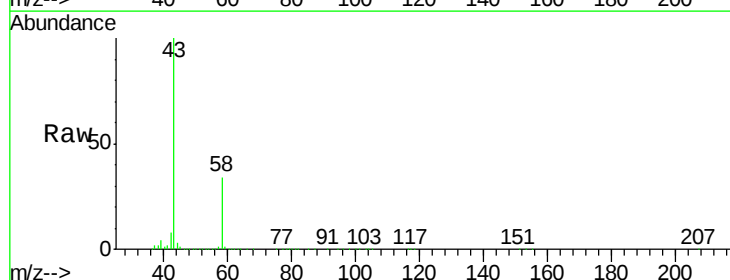
Manual Integrations
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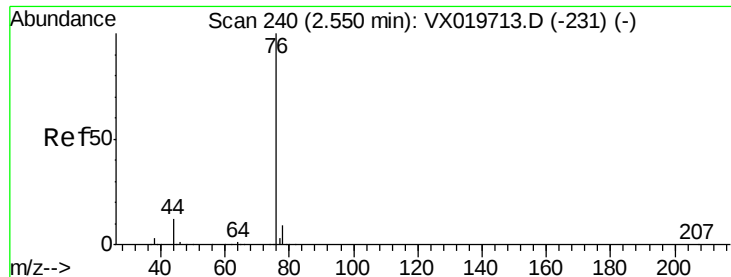
MMDadoda
 12/8/2020 5:05:12 PM



#16
 Acetone
 Concen: 299.051 ug/l
 RT: 2.41 min Scan# 217
 Delta R.T. -0.01 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Tgt Ion:	43	Resp:	466693
Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.8	41.8





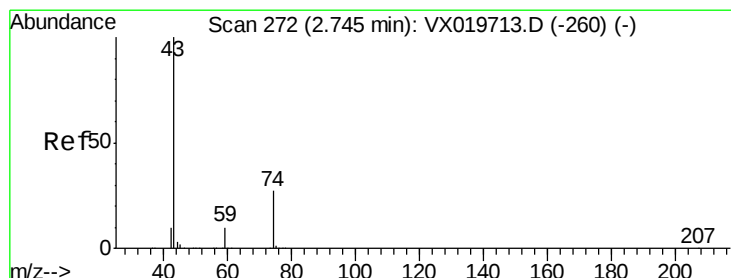
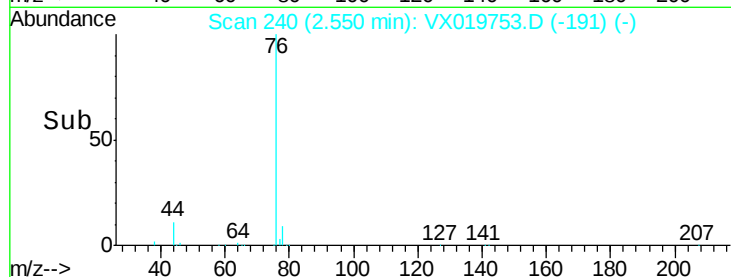
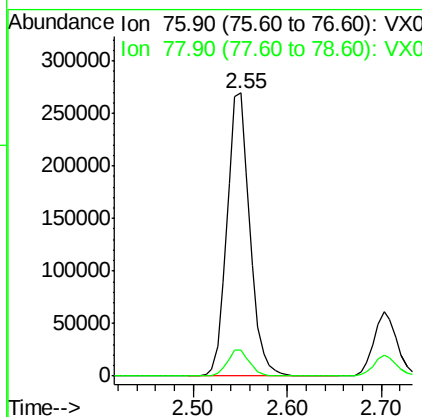
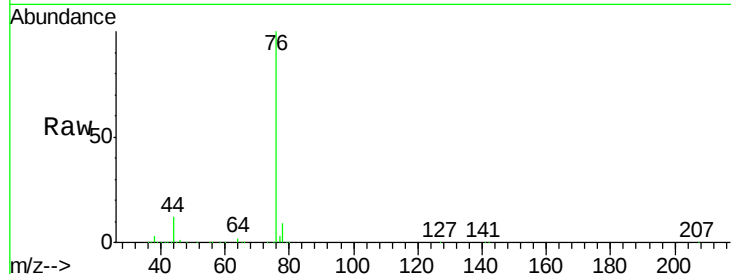
#17
Carbon Disulfide
Concen: 54.385 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

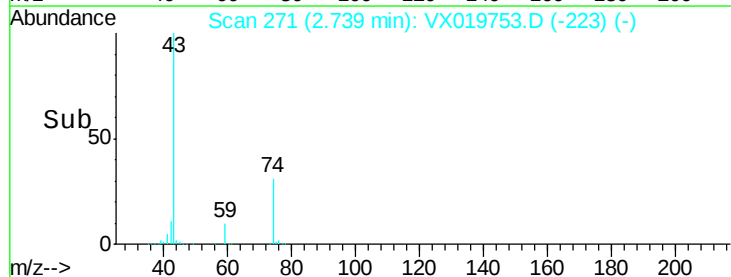
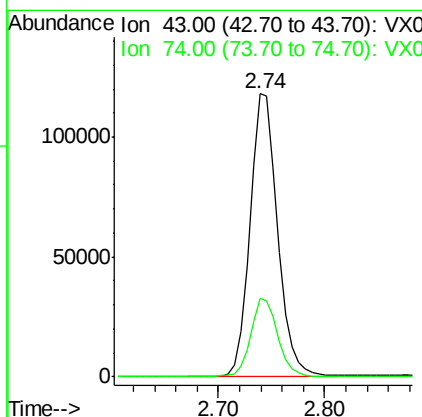
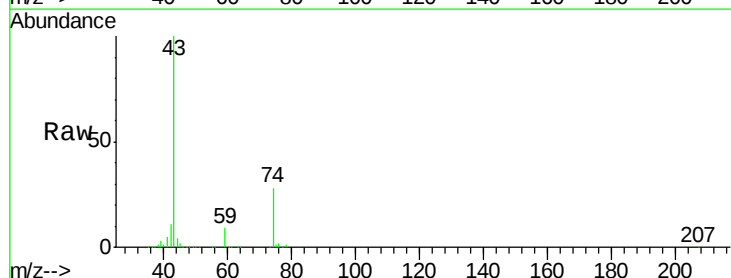
Manual Integrations
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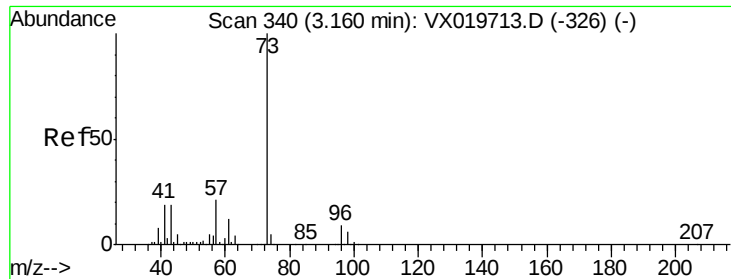
MMDadoda
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#18
Methyl Acetate
Concen: 56.121 ug/l
RT: 2.74 min Scan# 271
Delta R.T. -0.01 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.7	21.9	32.9





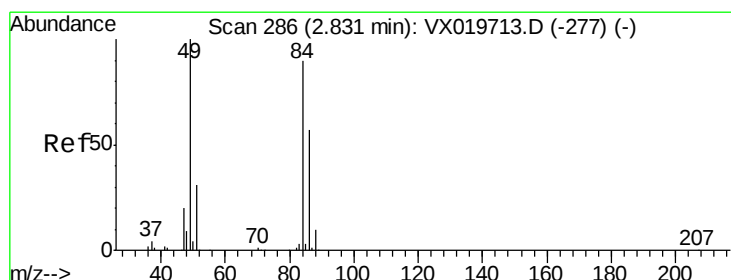
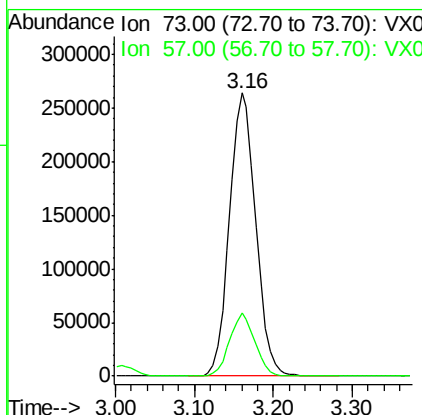
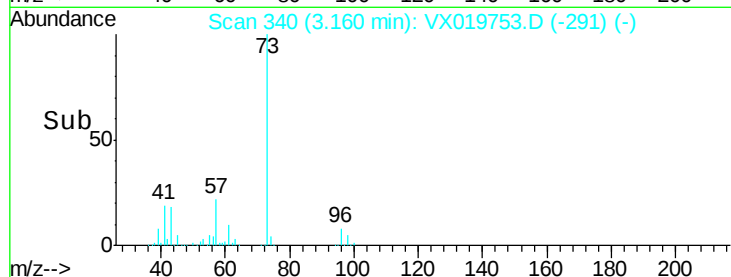
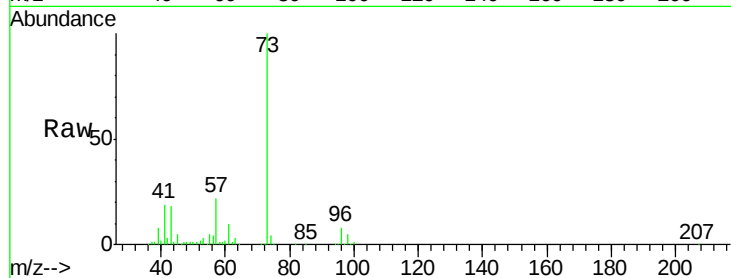
#19
Methvl tert-butvl Ether
Concen: 57.881 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.1	25.7

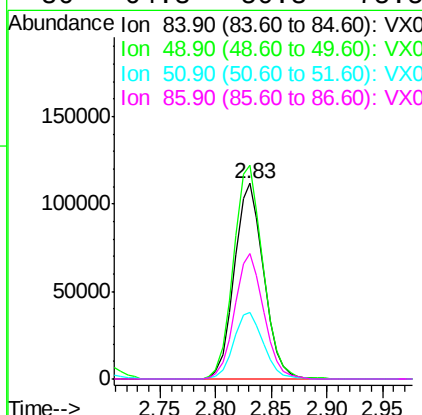
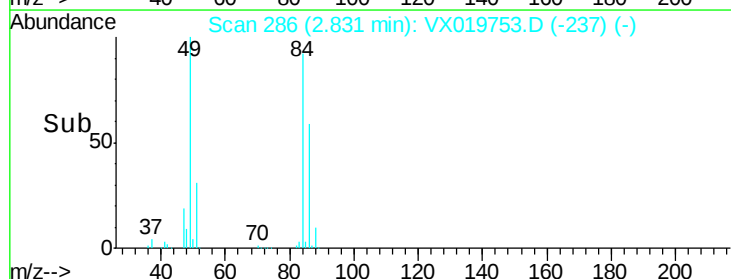
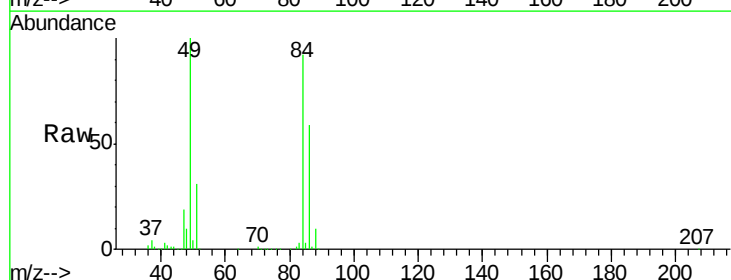
Manual Integrations
APPROVED

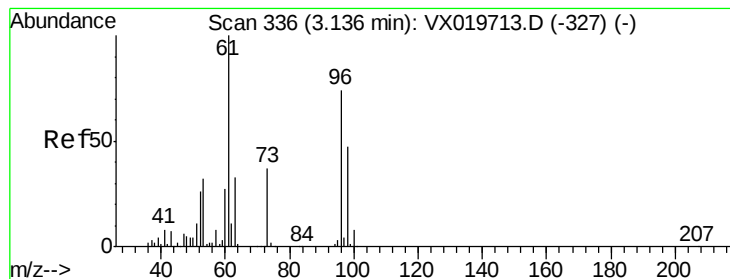
MMDadoda
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#20
Methylene Chloride
Concen: 57.562 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.3	88.6	132.8
51	34.3	27.0	40.6
86	64.3	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 56.366 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

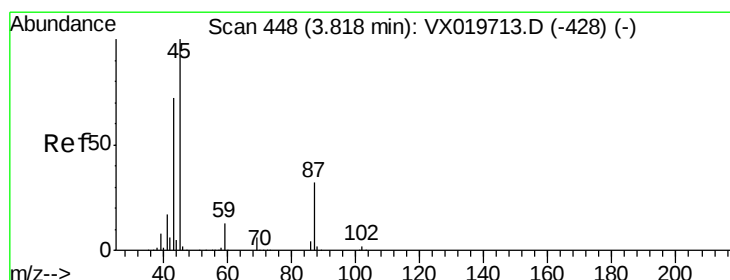
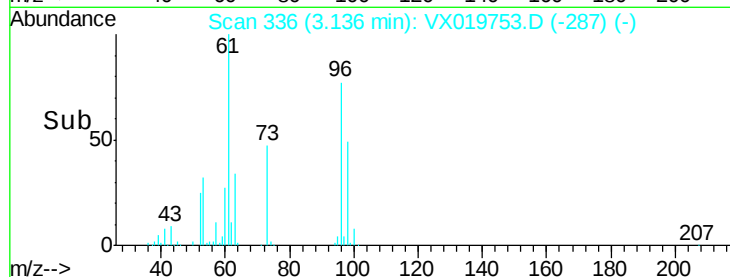
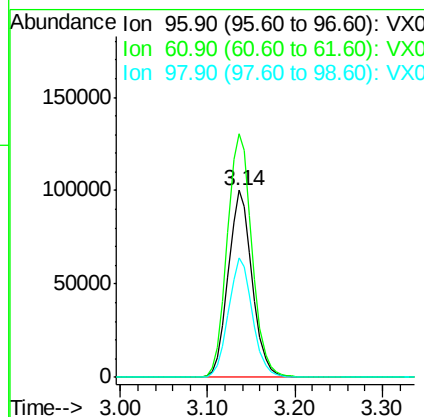
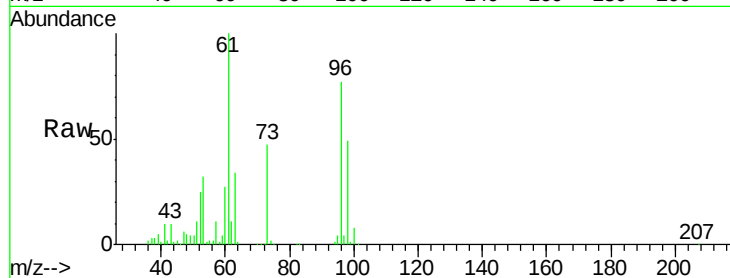
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	190200
Ion	Ratio	Lower	Upper
96	100		
61	130.3	107.7	161.5
98	63.9	50.4	75.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 57.644 ug/l

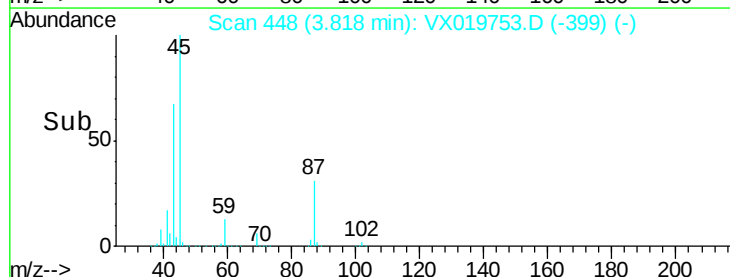
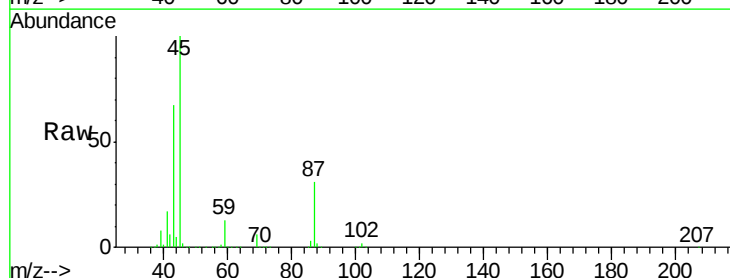
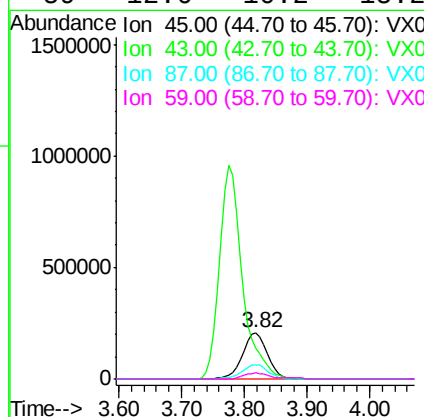
RT: 3.82 min Scan# 448

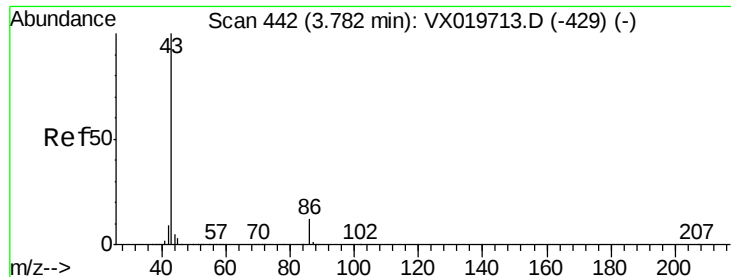
Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Tgt Ion:	45	Resp:	569715
Ion	Ratio	Lower	Upper
45	100		
43	67.2	58.0	87.0
87	30.6	25.4	38.0
59	12.6	10.2	15.2





#23

Vinyl Acetate

Concen: 289.400 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2436802

Ion Ratio Lower Upper

43 100

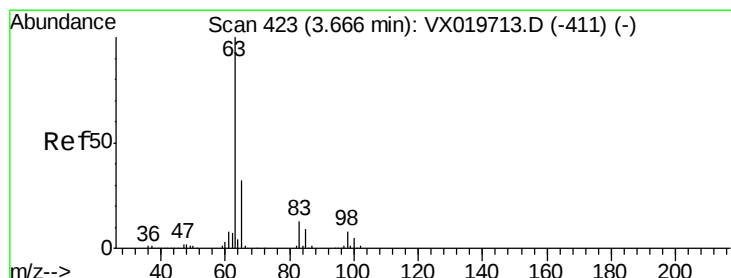
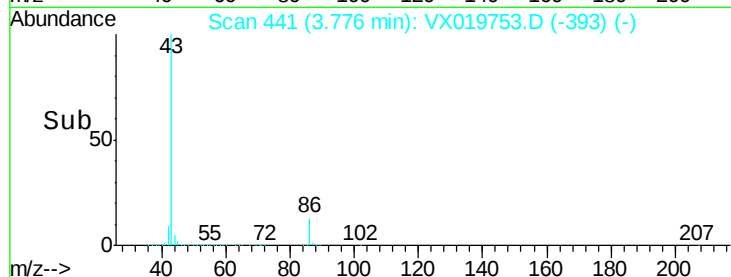
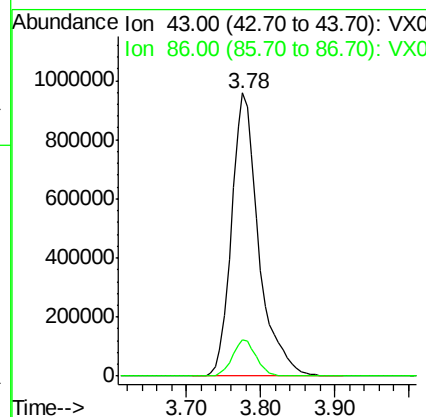
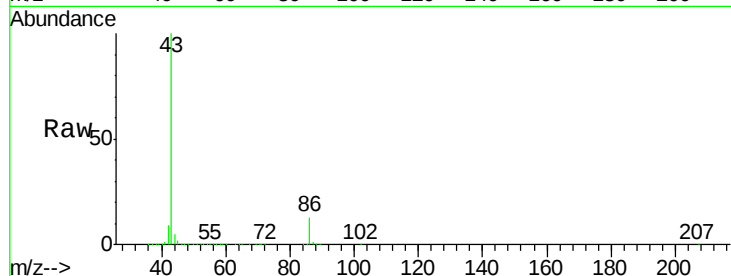
86 12.8 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 56.564 ug/l

RT: 3.66 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

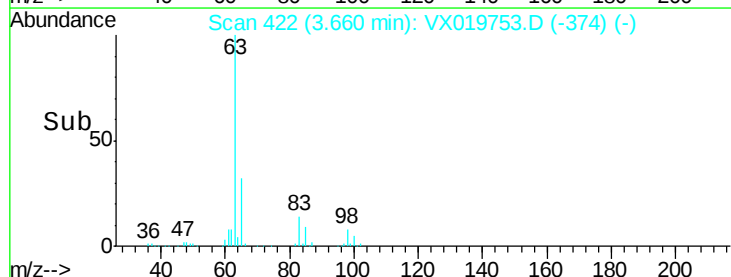
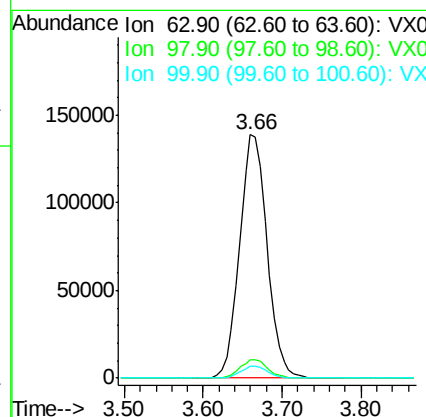
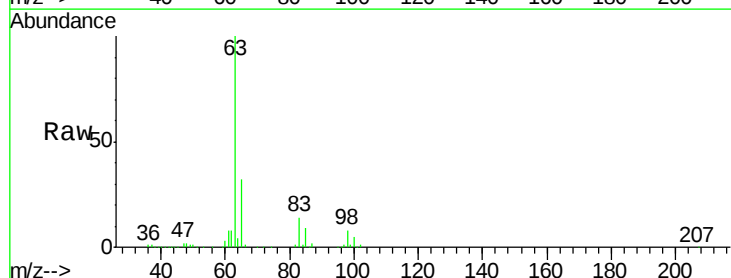
Tgt Ion: 63 Resp: 337122

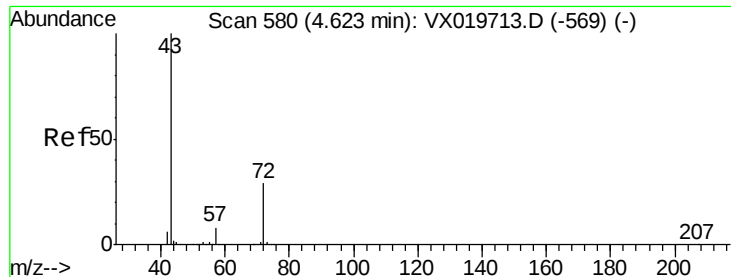
Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.2

100 4.9 2.5 7.5





#25

2-Butanone

Concen: 284.618 ug/l

RT: 4.62 min Scan# 580

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 682513

Ion Ratio Lower Upper

43 100

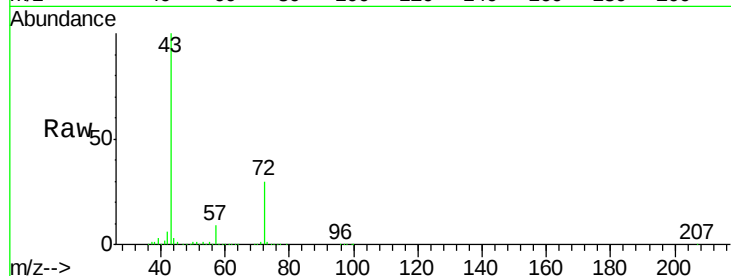
72 30.2 23.7 35.5

Manual Integrations

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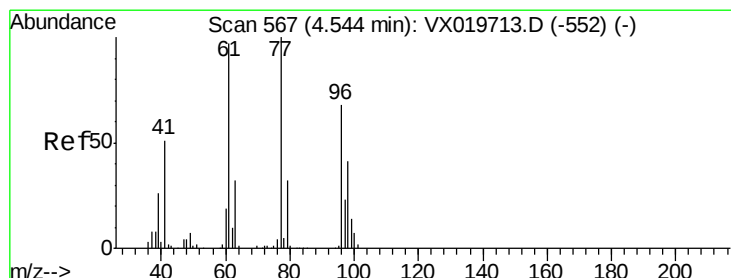
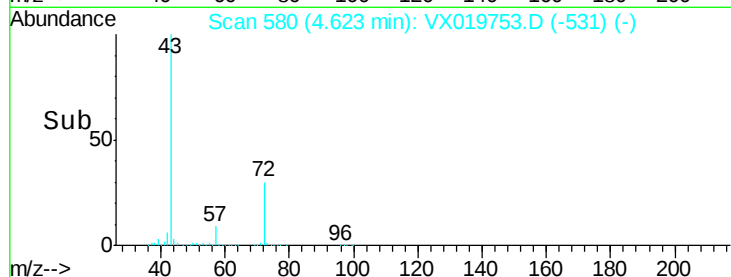
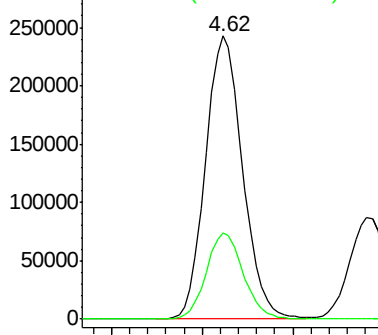
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 57.967 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019753.D

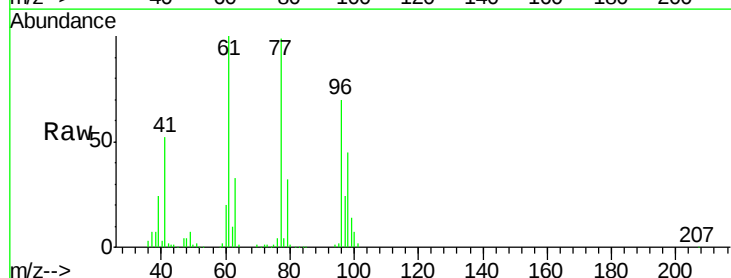
Acq: 07 Dec 2020 16:14

Tgt Ion: 77 Resp: 297519

Ion Ratio Lower Upper

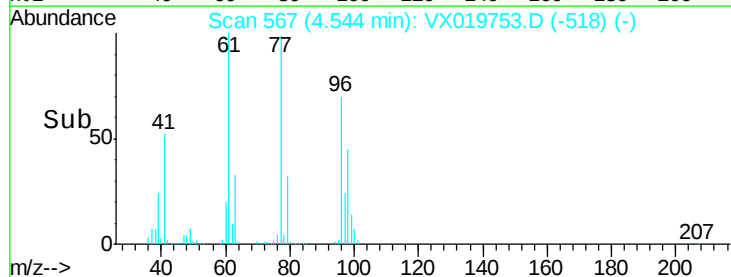
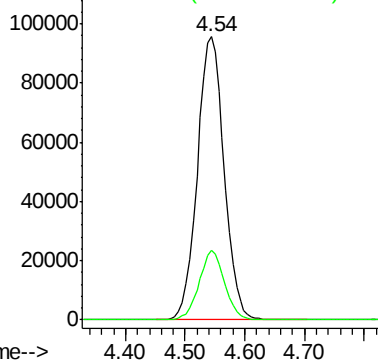
77 100

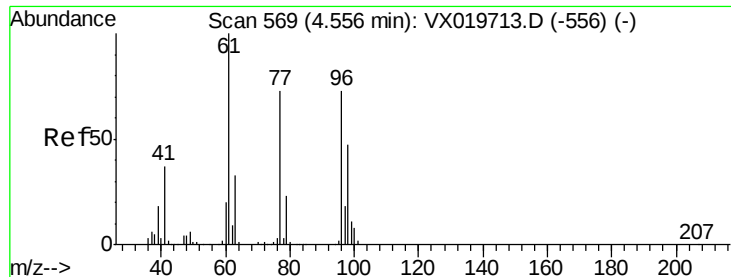
97 23.3 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

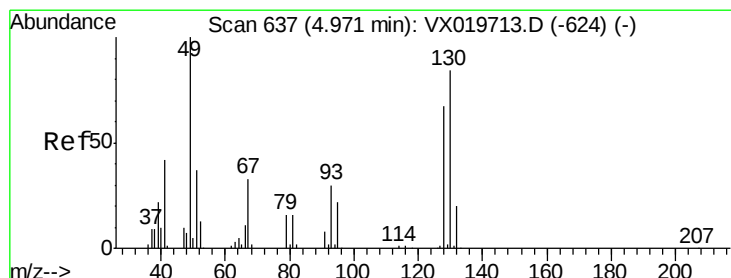
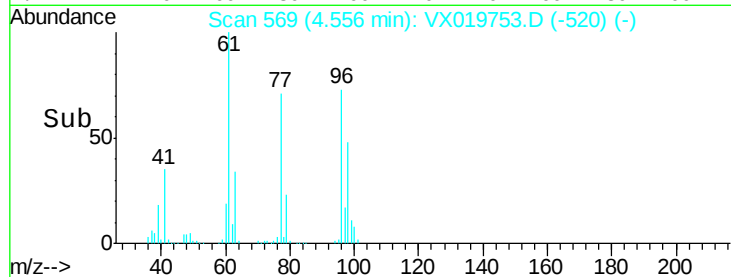
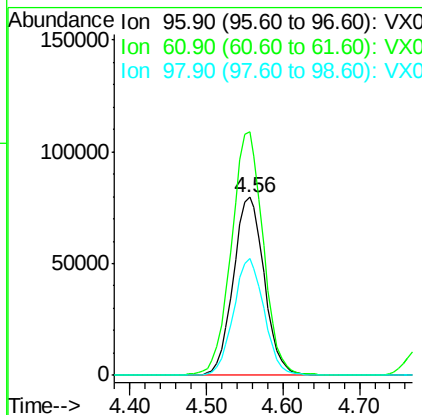
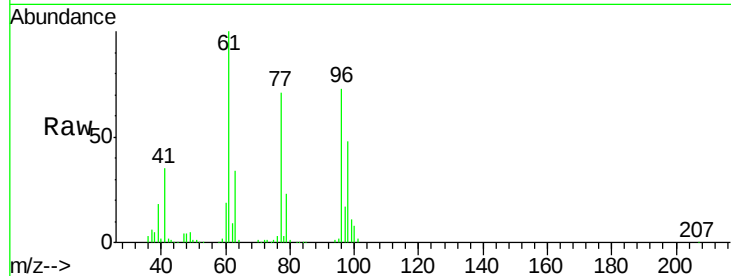
cis-1,2-Dichloroethene
Concen: 56.451 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	222921		
61	141.4	0.0	285.6	
98	64.9	0.0	129.6	

Manual Integrations
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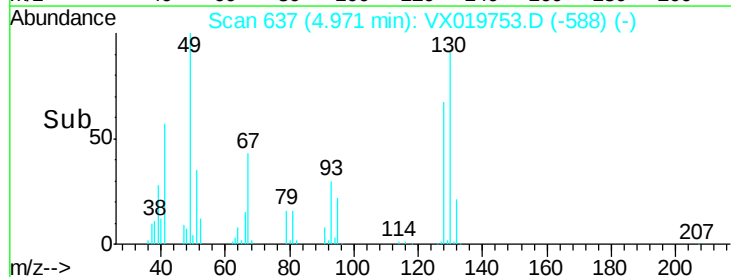
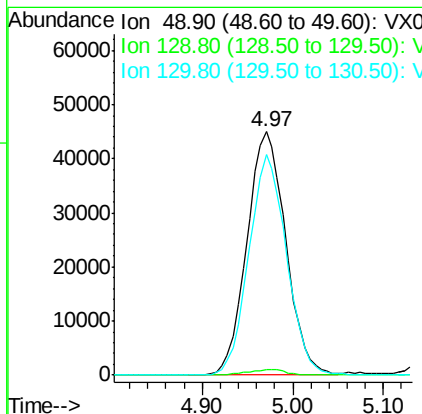
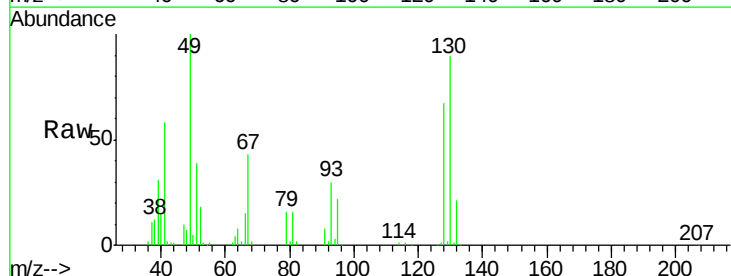
MMDadoda
12/8/2020 5:05:12 PM

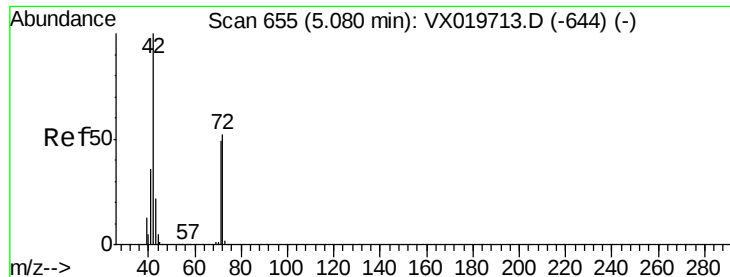


#28

Bromochloromethane
Concen: 46.979 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	133476		
129	2.1	0.0	4.0	
130	87.8	68.2	102.2	





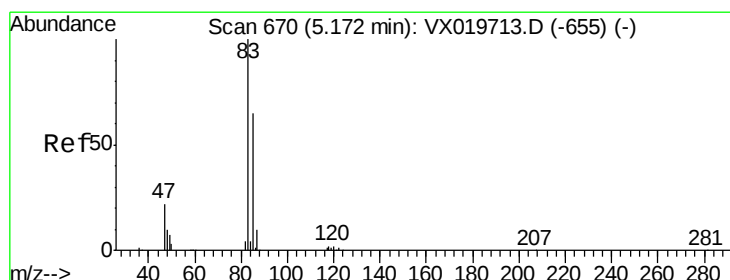
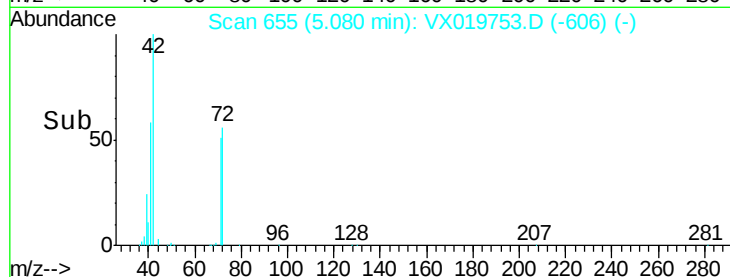
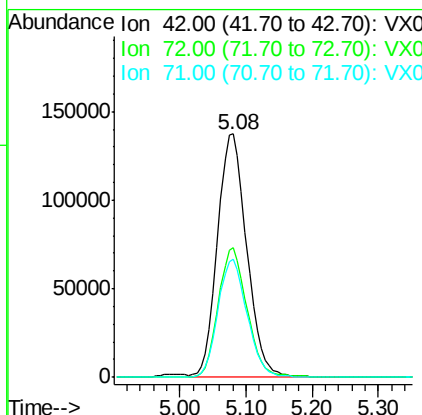
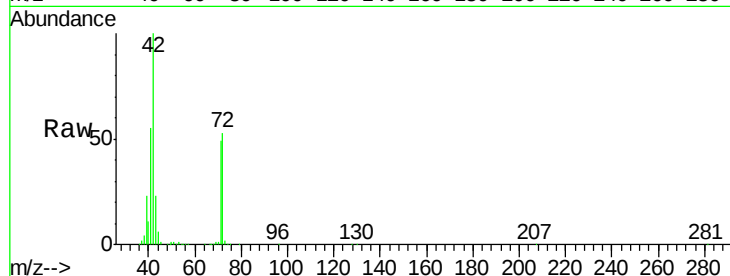
#29
Tetrahydrofuran
Concen: 271.802 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.8	41.7	62.5
71	48.5	38.4	57.6

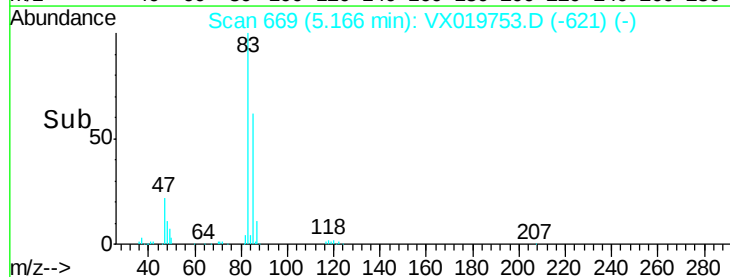
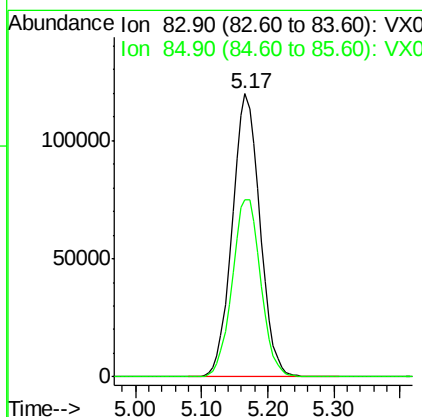
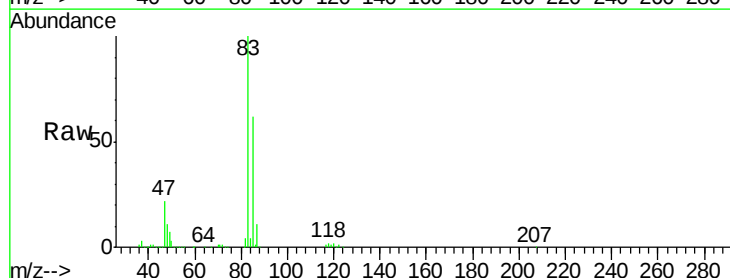
Manual Integrations
APPROVED

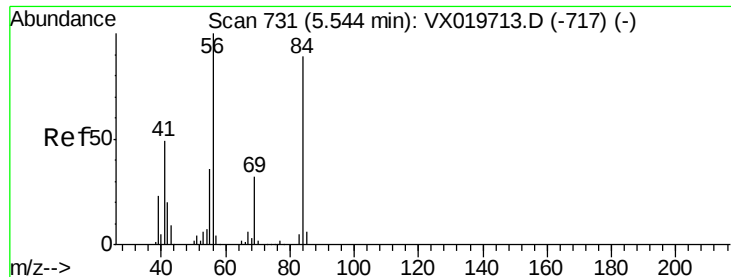
MMDadoda
12/8/2020 5:05:12 PM



#30
Chloroform
Concen: 56.861 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.0	78.0





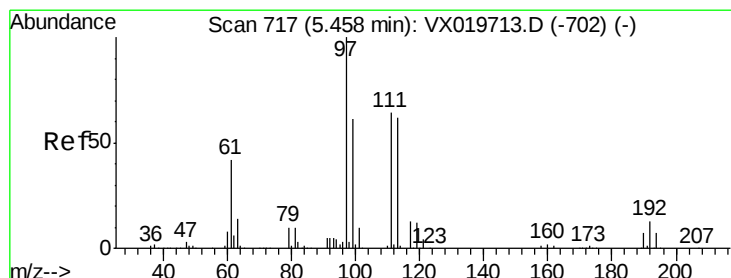
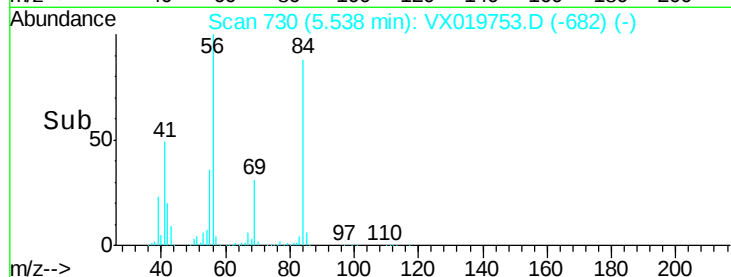
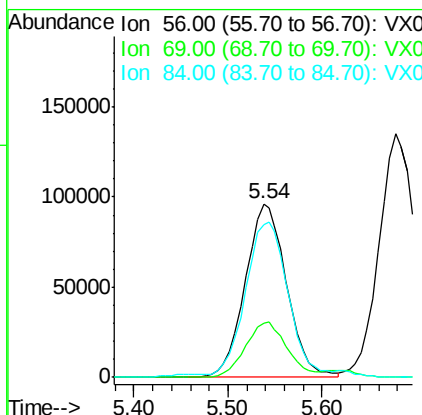
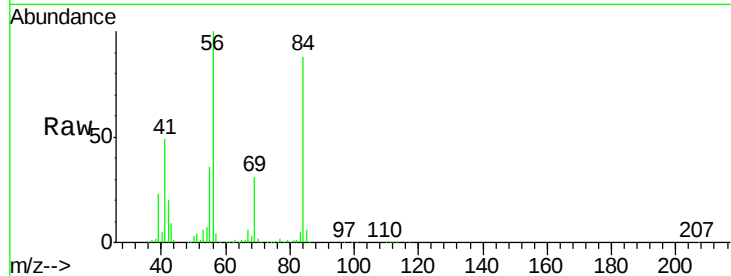
#31
Cyclohexane
Concen: 57.129 ug/l
RT: 5.54 min Scan# 730
Delta R.T. -0.01 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.3	37.9
84	86.4	71.4	107.0

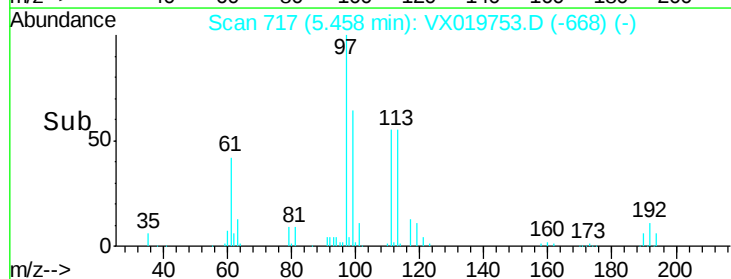
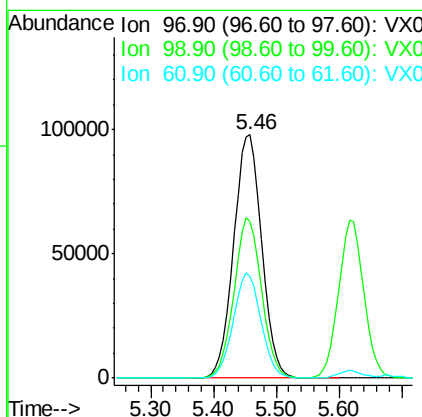
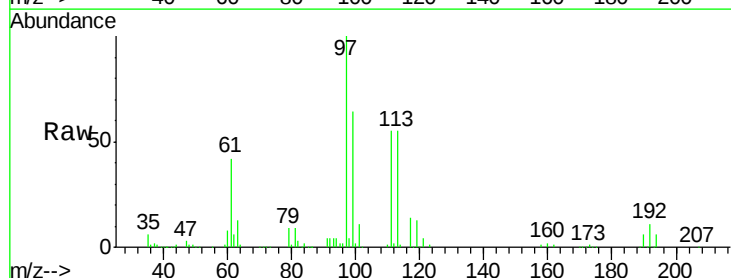
Manual Integrations
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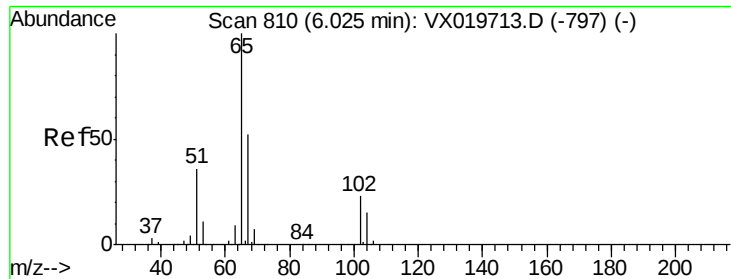
MMDadoda
12/8/2020 5:05:12 PM



#32
1,1,1-Trichloroethane
Concen: 57.532 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.5	77.3
61	42.7	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 44.685 ug/l

RT: 6.02 min Scan# 809

Delta R.T. -0.01 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 185525

Ion Ratio Lower Upper

65 100

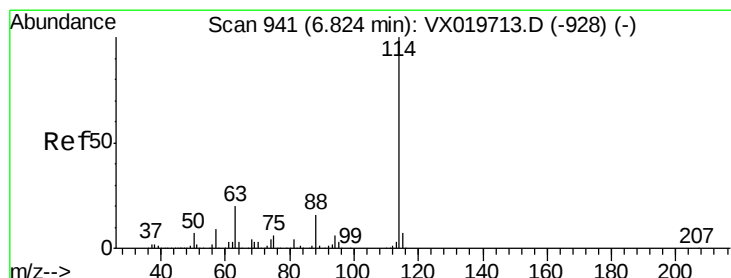
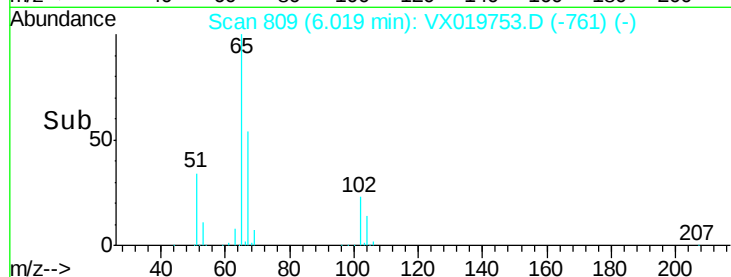
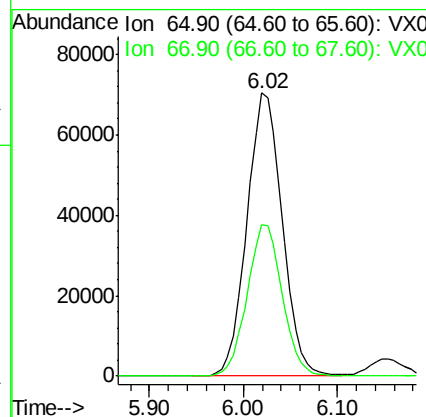
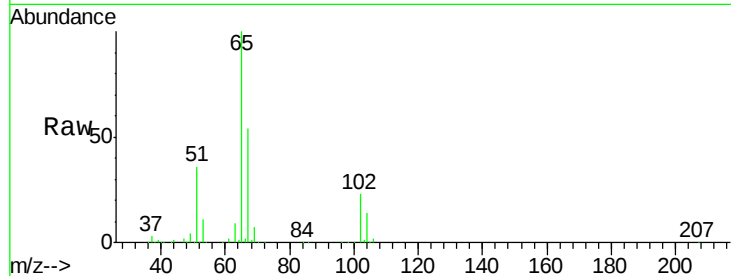
67 53.2 0.0 105.4

Manual Integrations

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12/8/2020 5:05:12 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

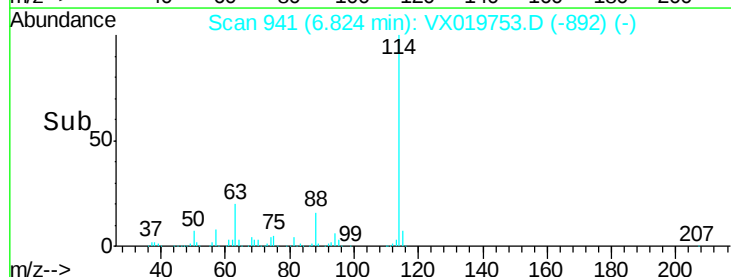
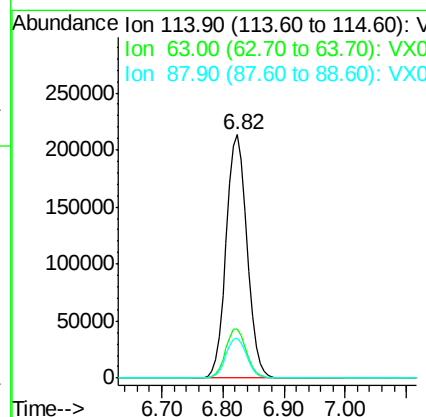
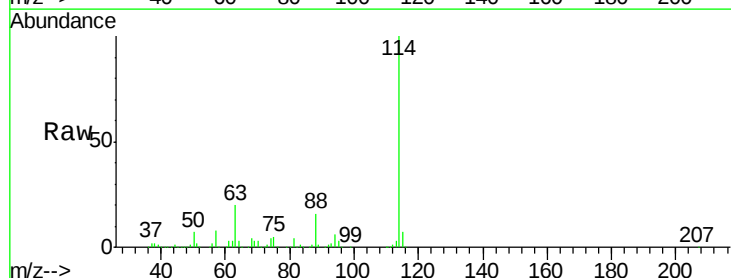
Tgt Ion: 114 Resp: 503782

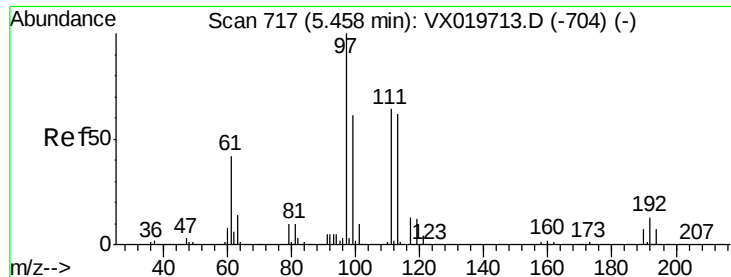
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

88 16.3 0.0 32.8





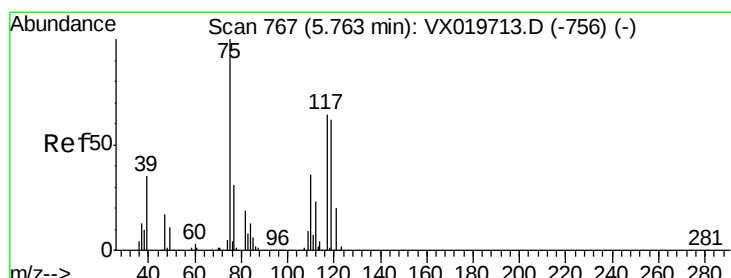
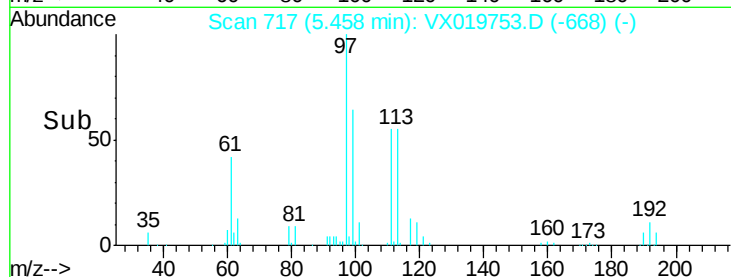
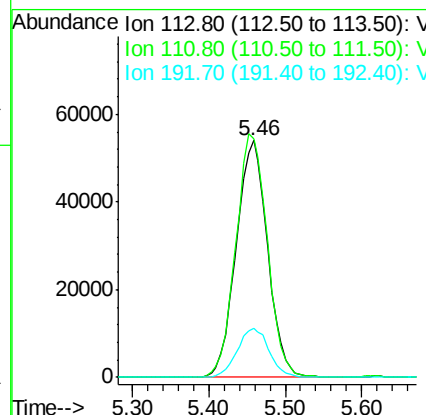
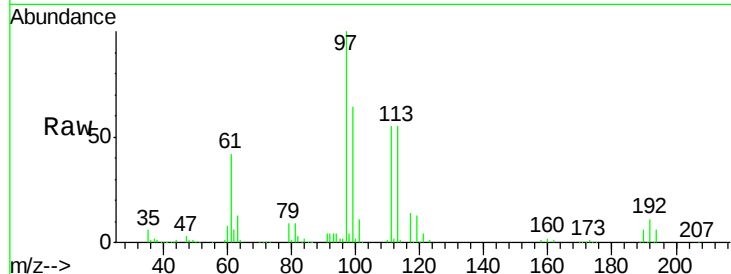
#35
Dibromofluoromethane
Concen: 47.101 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	153355		
111	103.0	81.9	122.9	
192	21.0	16.7	25.1	

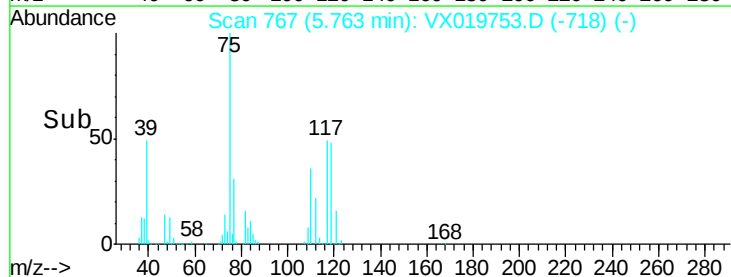
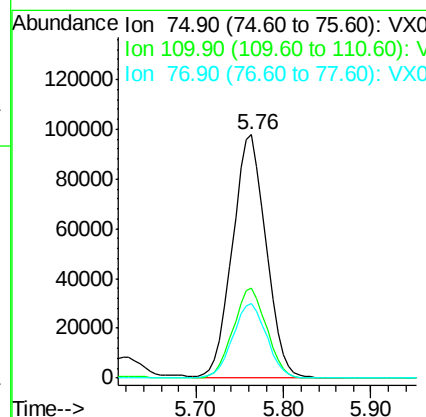
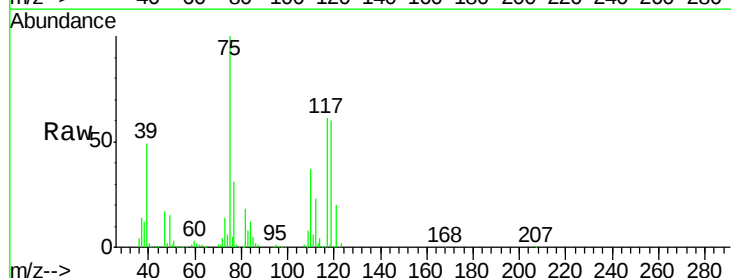
Manual Integrations
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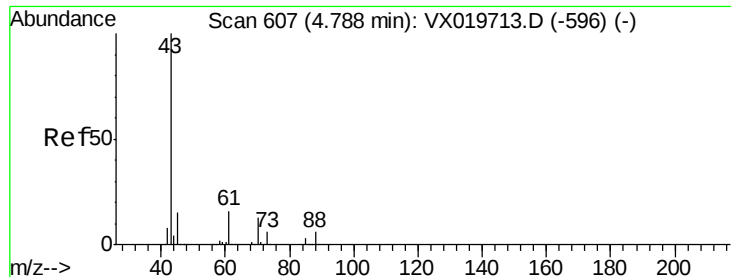
MMDadoda
12/8/2020 5:05:12 PM



#36
1,1-Dichloropropene
Concen: 57.357 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	261109		
110	36.9	18.1	54.4	
77	31.0	25.3	37.9	





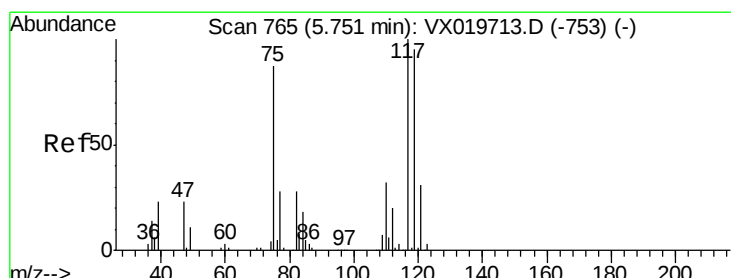
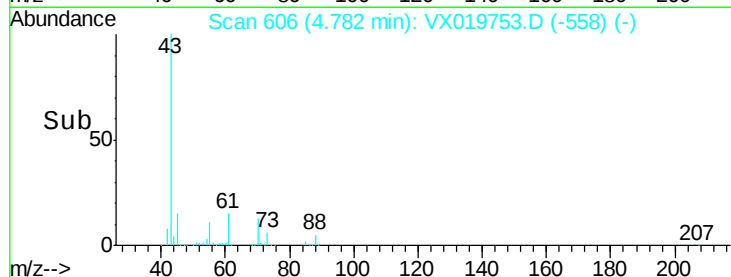
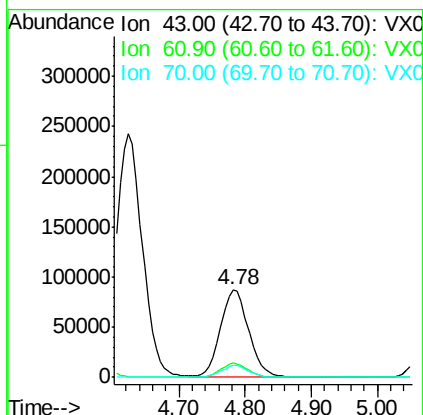
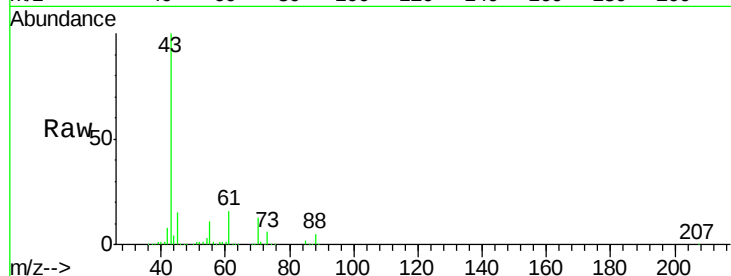
#37
Ethyl Acetate
Concen: 56.275 ug/l
RT: 4.78 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.8	19.2
70	13.0	10.5	15.7

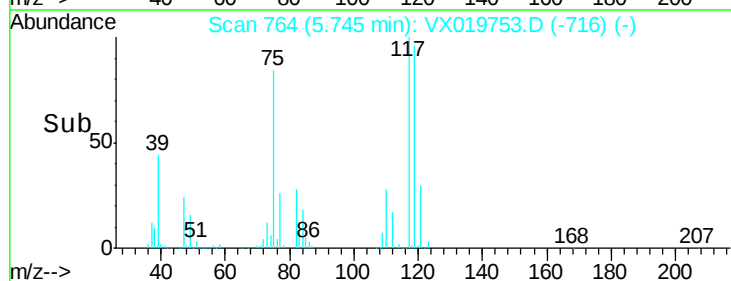
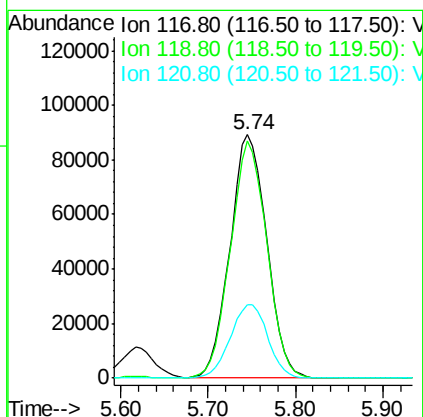
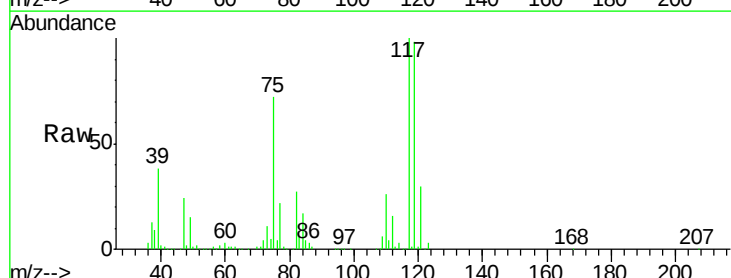
Manual Integrations
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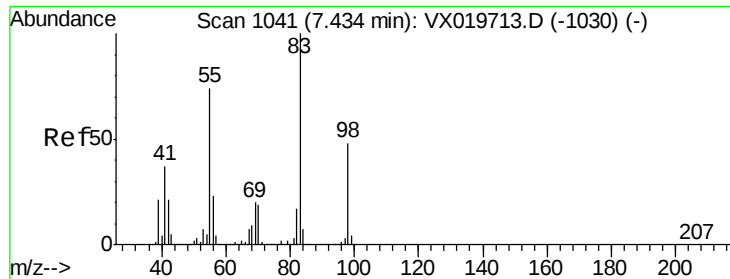
MMDadoda
12/8/2020 5:05:12 PM



#38
Carbon Tetrachloride
Concen: 58.469 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.2	114.2
121	30.2	24.8	37.2





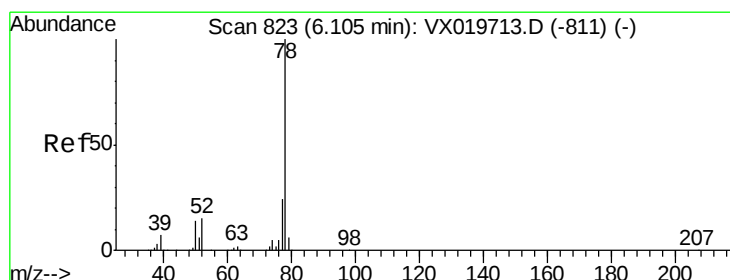
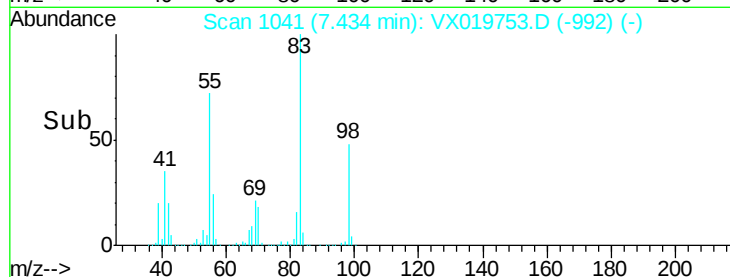
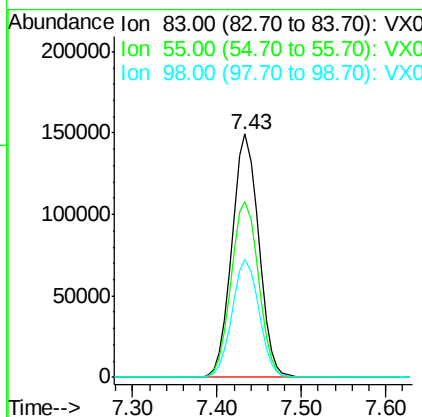
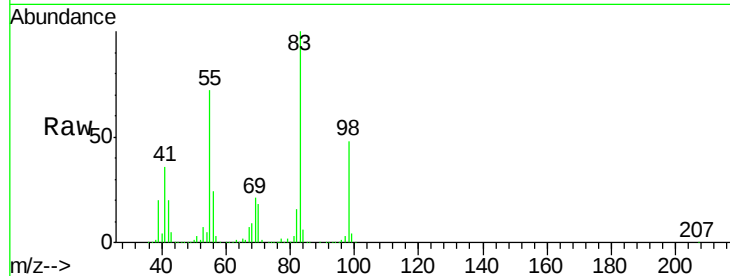
#39
Methylvlcvclohexane
Concen: 59.852 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	320116		
55	72.3		58.9	88.3
98	48.4		38.1	57.1

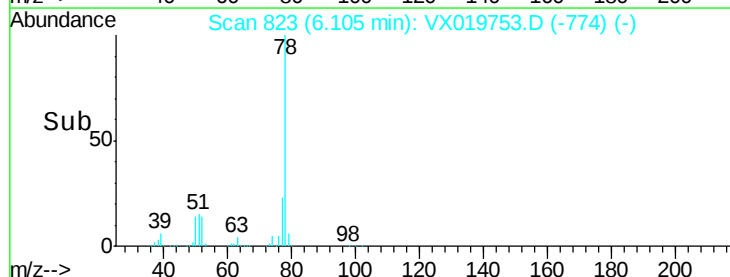
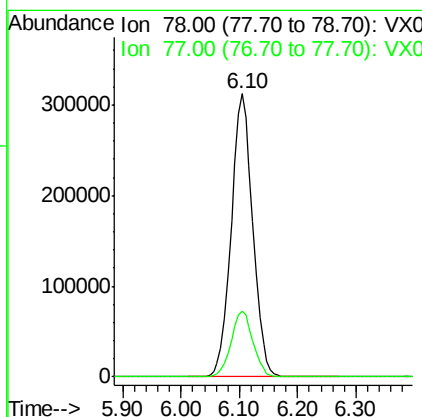
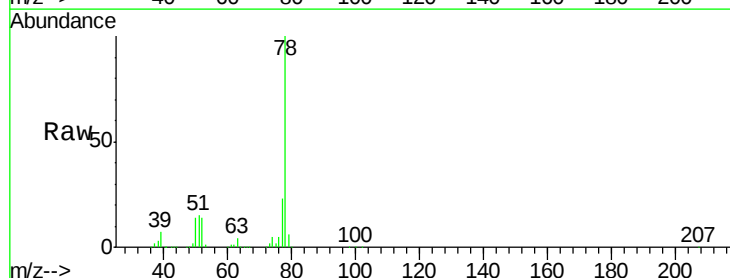
Manual Integrations
APPROVED

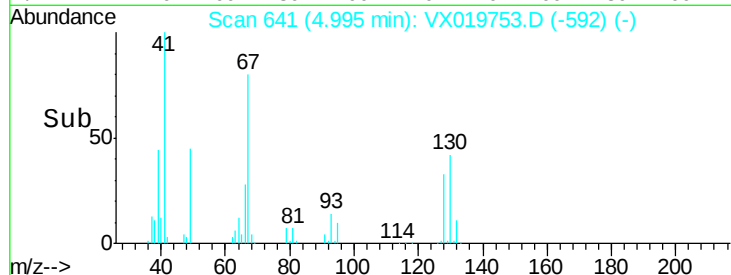
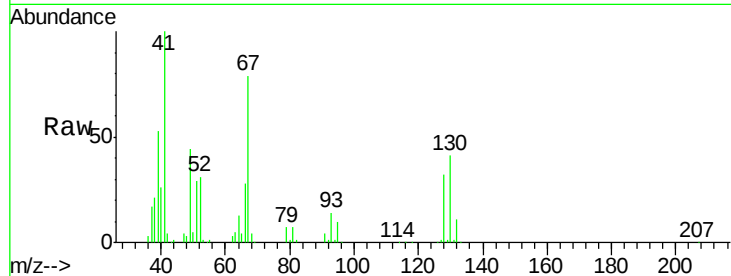
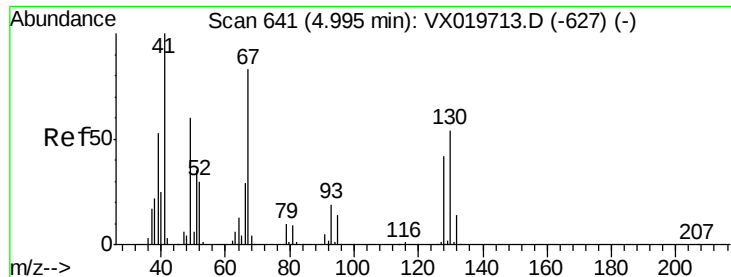
MMDadoda
12/8/2020 5:05:12 PM



#40
Benzene
Concen: 57.475 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	799257		
77	23.1		18.9	28.3





#41

Methacrylonitrile

Concen: 56.123 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.4	42.5	63.7		
67	82.6	65.0	97.6		
52	30.6	25.3	37.9		

Instrument :

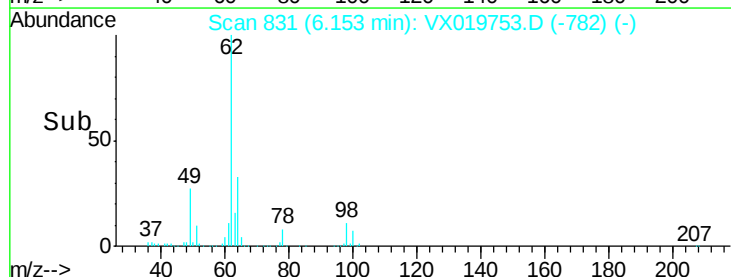
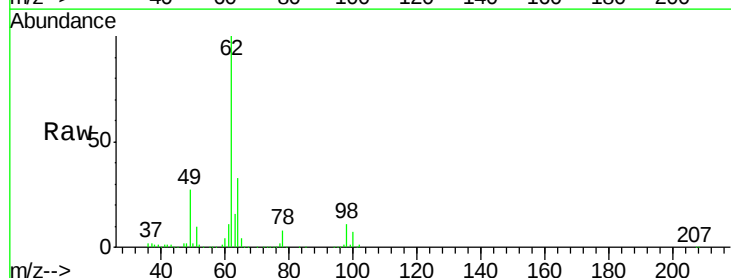
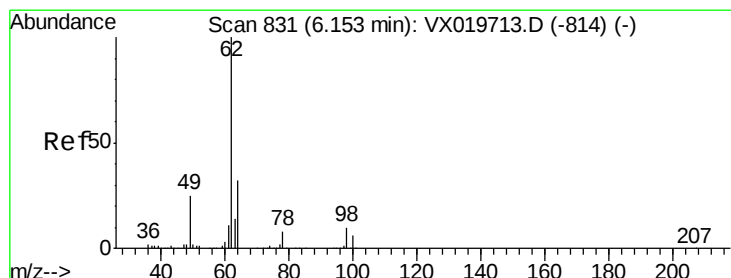
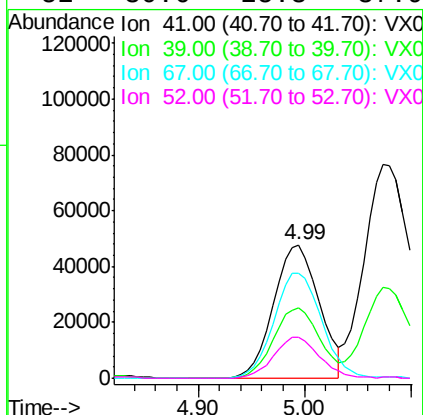
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Manual Integrations
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12/8/2020 5:05:12 PM



#42

1,2-Dichloroethane

Concen: 57.343 ug/l

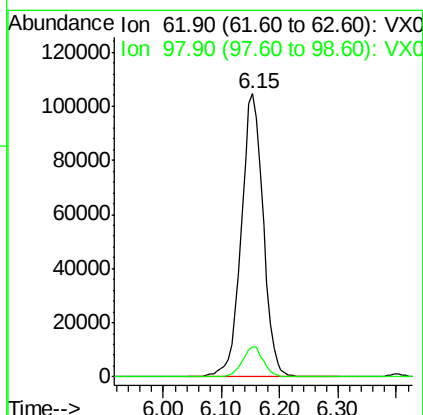
RT: 6.15 min Scan# 831

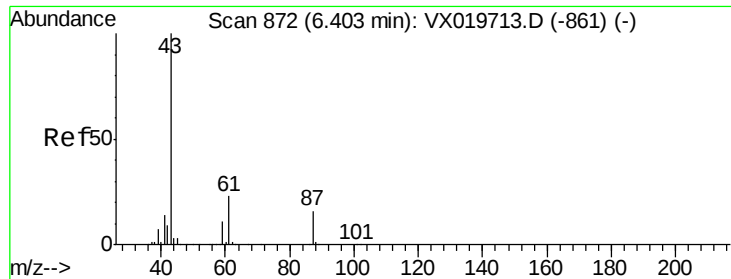
Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.3	0.0	20.2		





#43

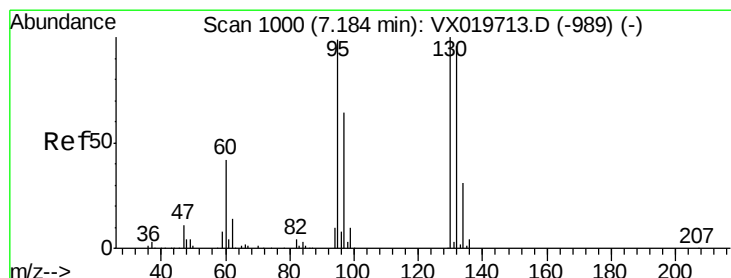
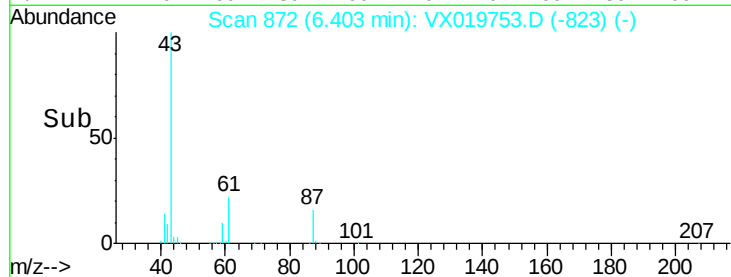
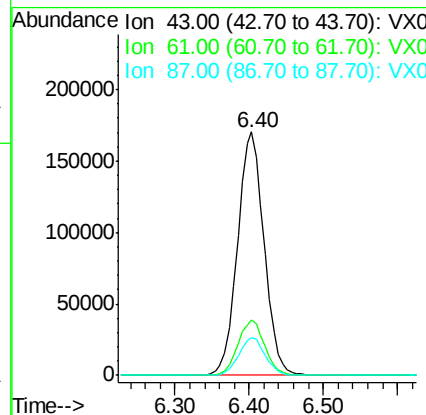
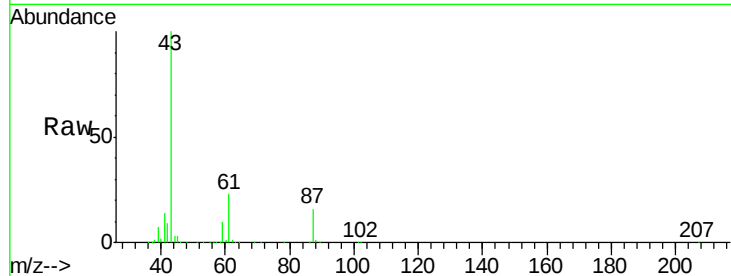
Isopropyl Acetate
 Concen: 56.542 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.0	18.2	27.4
87	15.5	12.5	18.7

Manual Integrations
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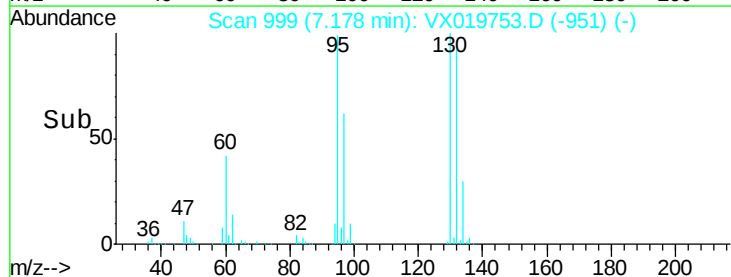
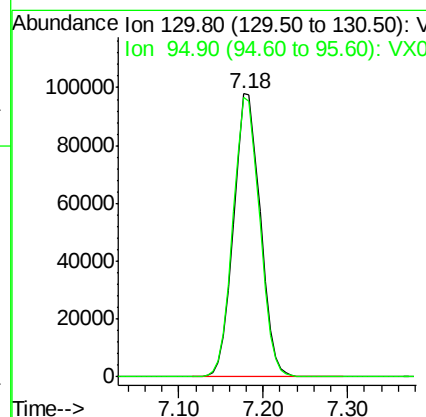
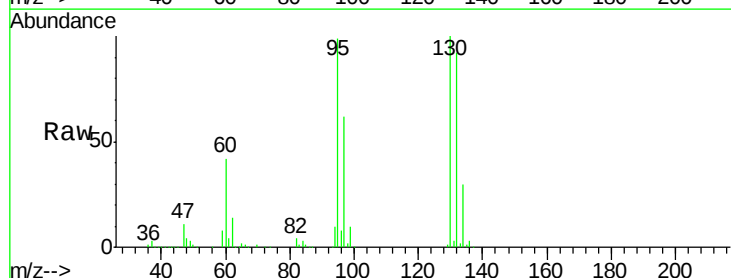
MMDadoda
 12/8/2020 5:05:12 PM

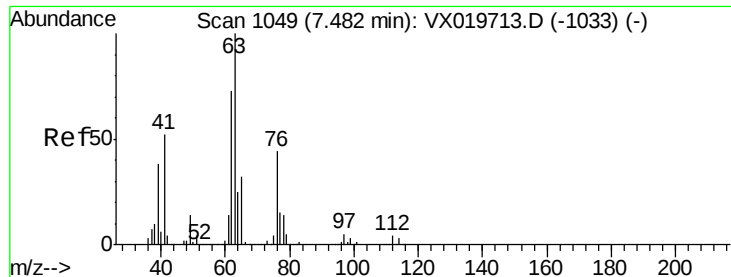


#44

Trichloroethene
 Concen: 57.657 ug/l
 RT: 7.18 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	198.0





#45

1,2-Dichloropropane

Concen: 57.621 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 200263

Ion Ratio Lower Upper

63 100

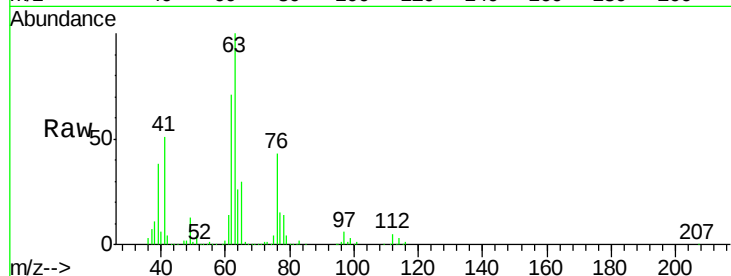
65 29.6 25.7 38.5

Manual Integrations

APPROVED

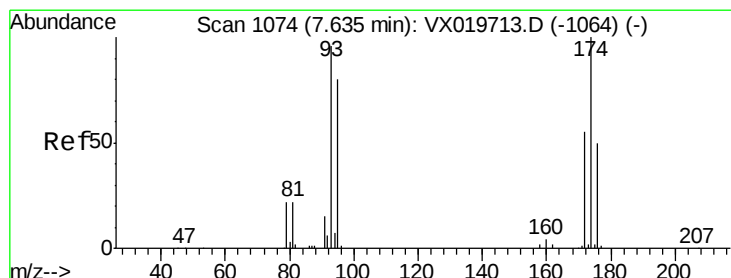
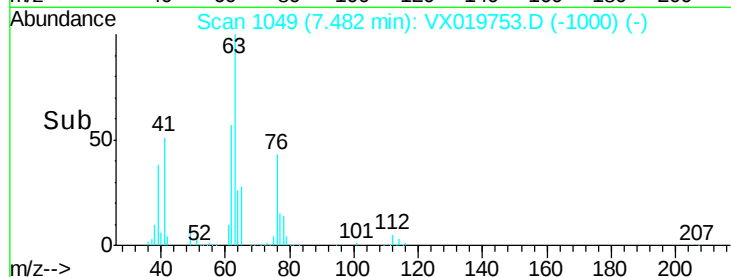
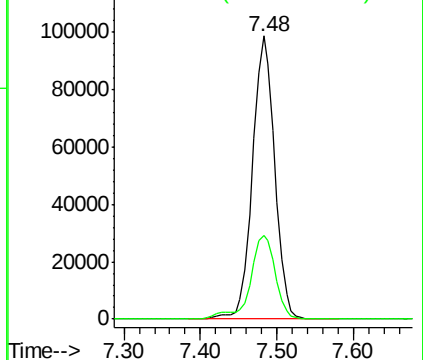
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 57.473 ug/l

RT: 7.63 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

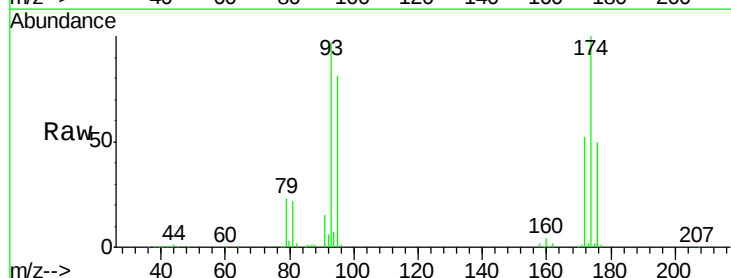
Tgt Ion: 93 Resp: 134893

Ion Ratio Lower Upper

93 100

95 83.6 66.8 100.2

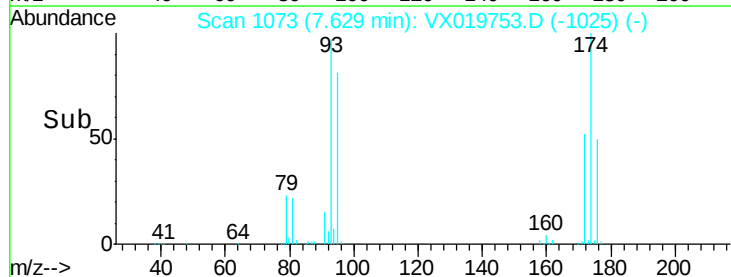
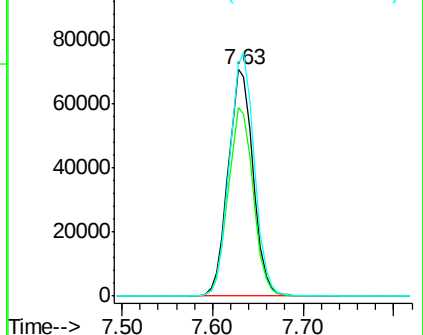
174 106.8 83.1 124.7

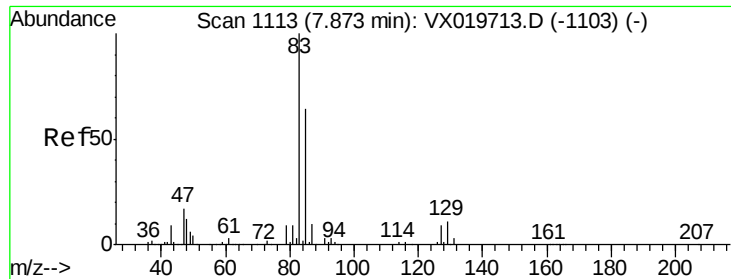


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





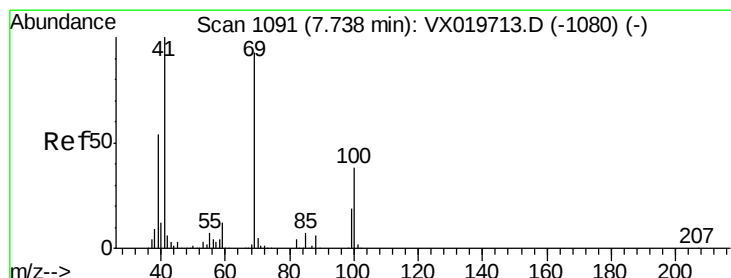
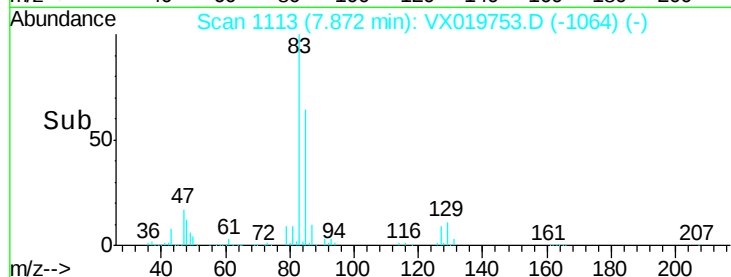
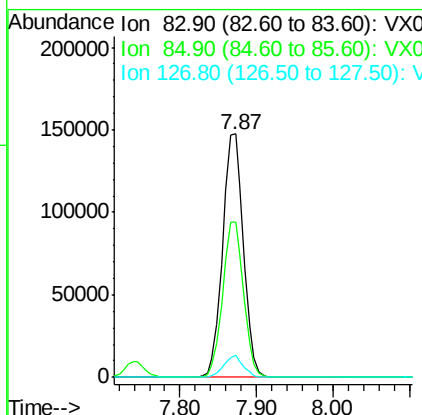
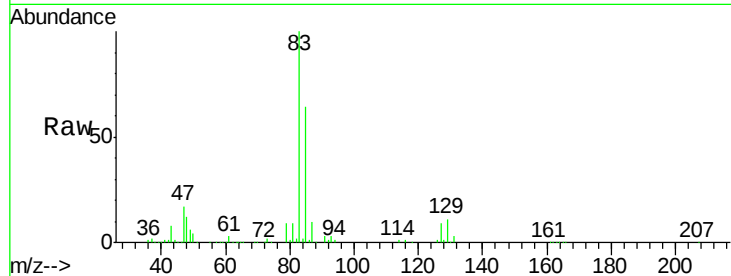
#47
Bromodichloromethane
Concen: 59.367 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.4	77.0
127	8.9	6.8	10.2

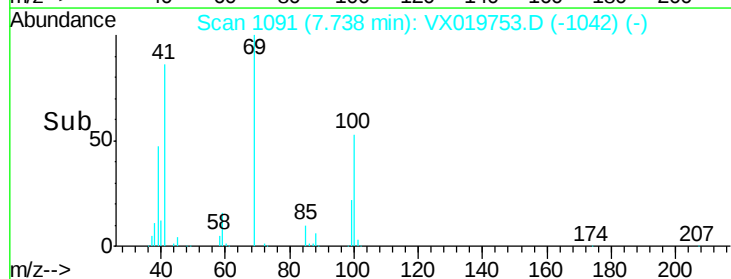
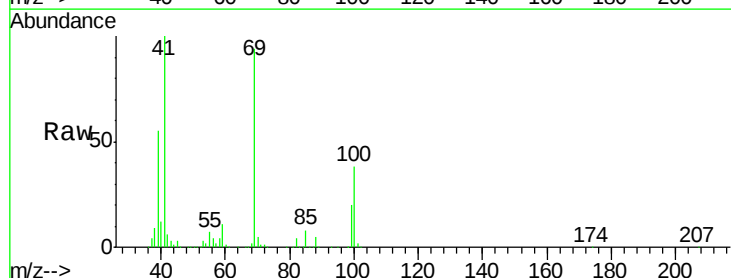
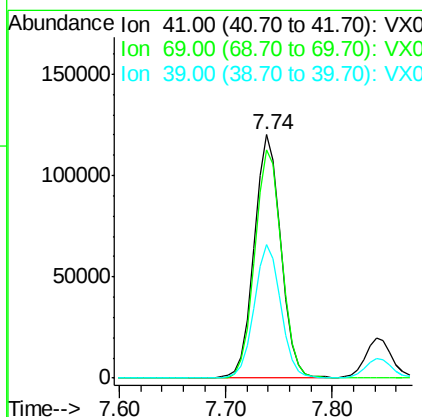
Manual Integrations
APPROVED

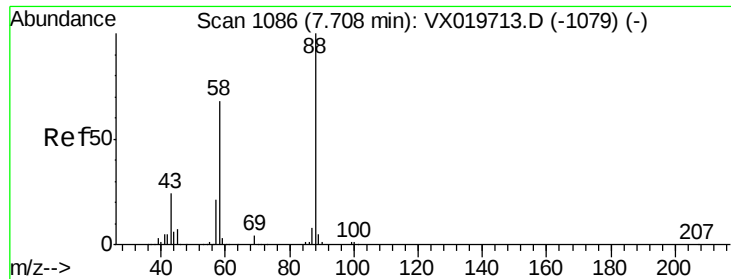
MMDadoda
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#48
Methyl methacrylate
Concen: 57.564 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Lower	Upper
41	100		
69	94.7	76.0	114.0
39	54.8	44.6	67.0





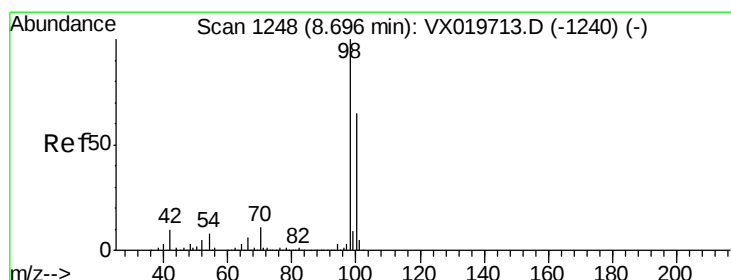
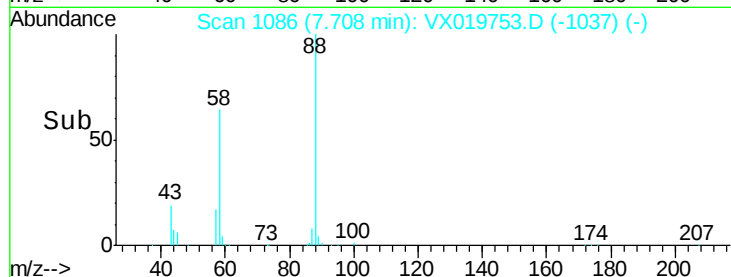
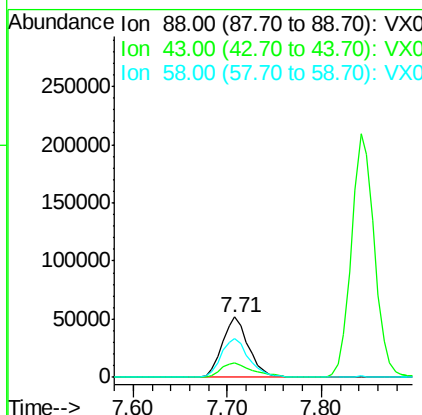
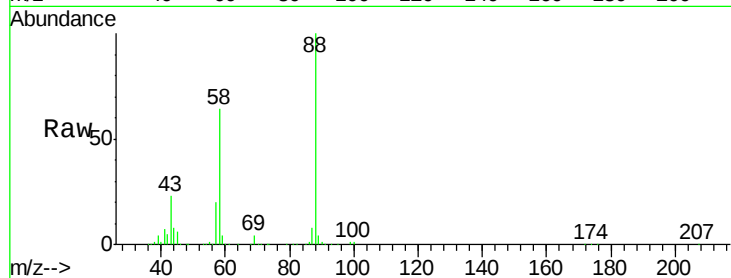
#49
1,4-Dioxane
Concen: 1121.187 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.9	23.2	34.8
58	68.8	55.0	82.4

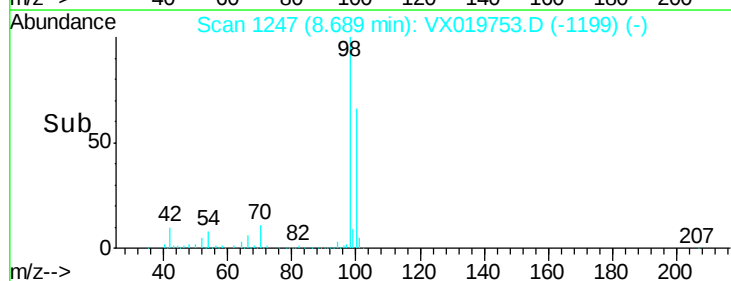
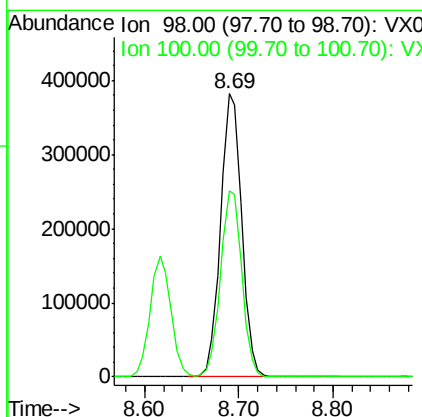
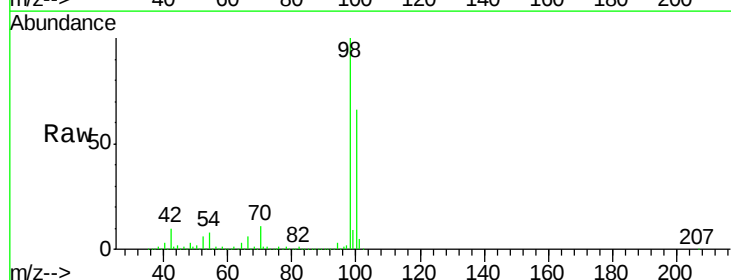
Manual Integrations
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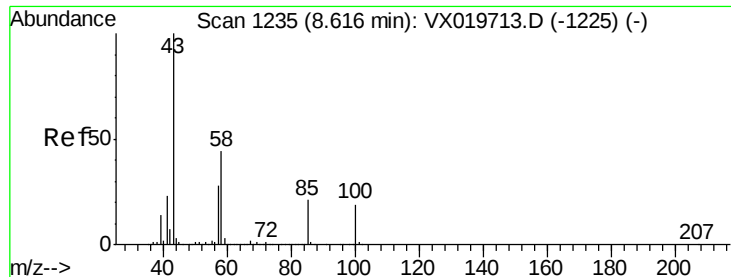
MMDadoda
12/8/2020 5:05:12 PM



#50
Toluene-d8
Concen: 47.679 ug/l
RT: 8.69 min Scan# 1247
Delta R.T. -0.01 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 287.651 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1312363

Ion Ratio Lower Upper

43 100

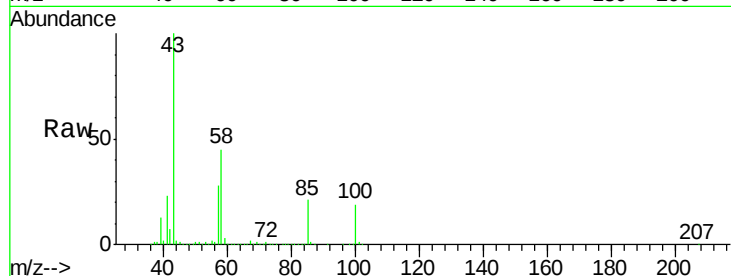
58 44.6 35.4 53.0

Manual Integrations

APPROVED

MMDadoda

12/8/2020 5:05:12 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

800000

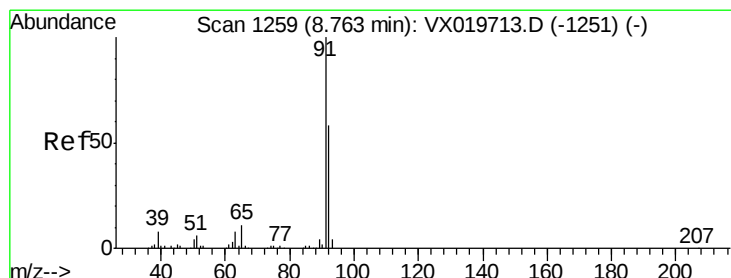
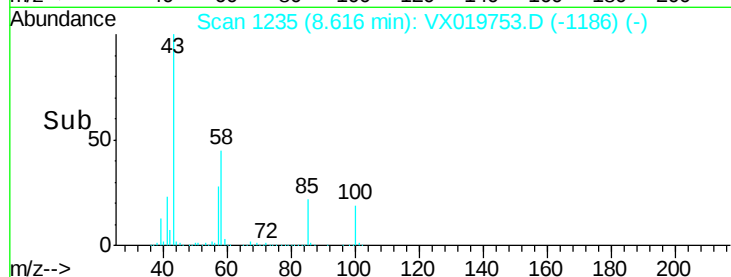
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 58.400 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019753.D

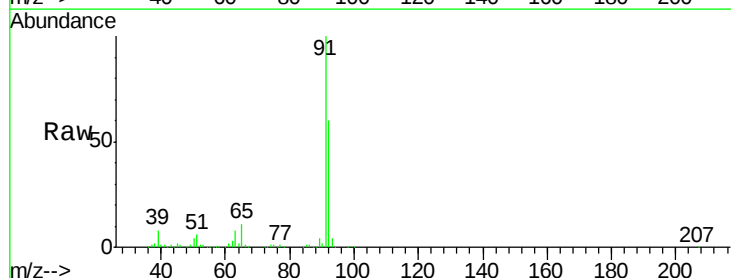
Acq: 07 Dec 2020 16:14

Tgt Ion: 92 Resp: 507930

Ion Ratio Lower Upper

92 100

91 170.1 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

600000

500000

400000

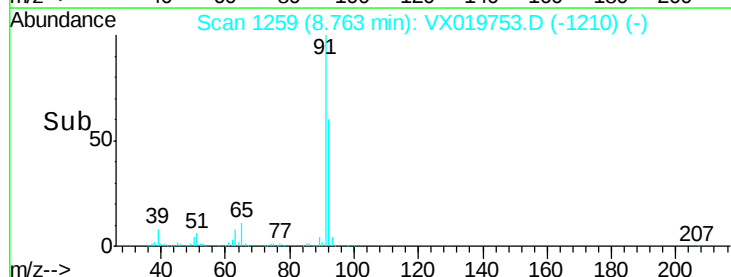
300000

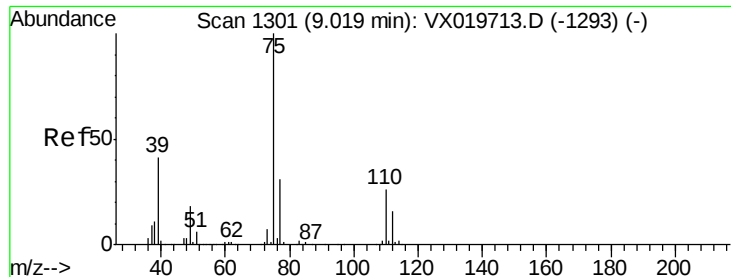
200000

100000

0

Time-->





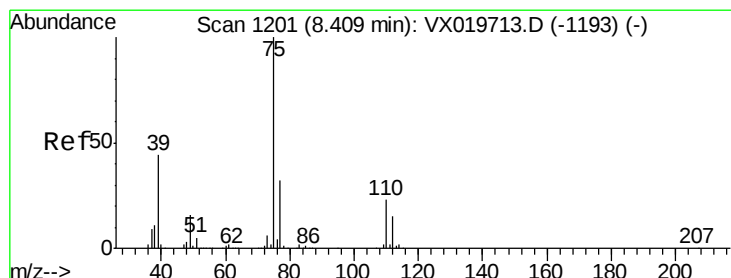
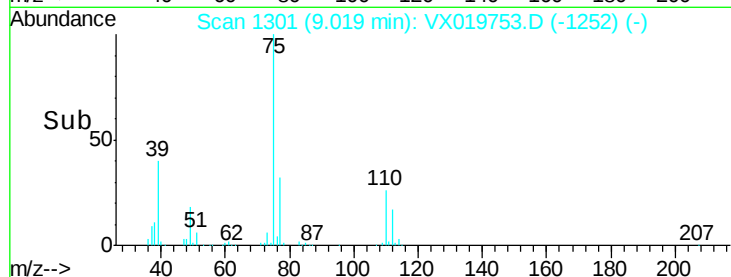
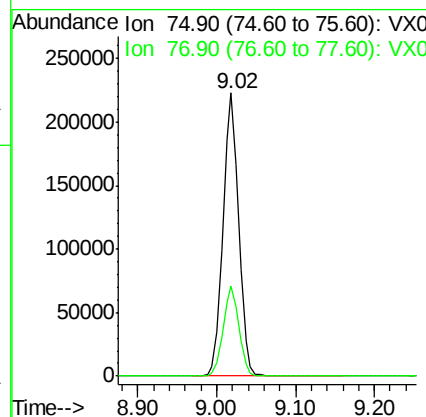
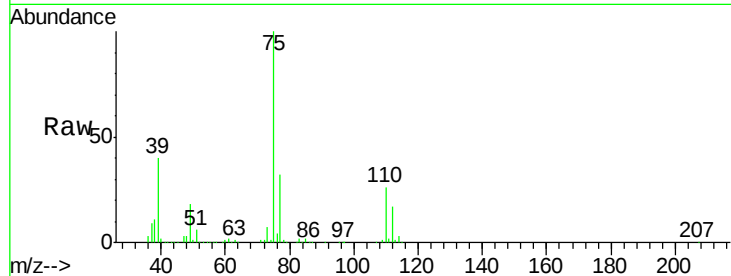
#53
t-1,3-Dichloropropene
Concen: 59.822 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.9	37.3

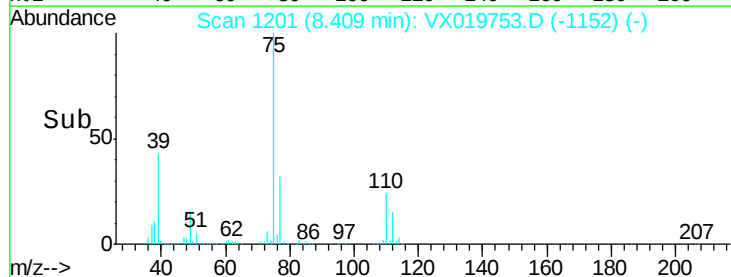
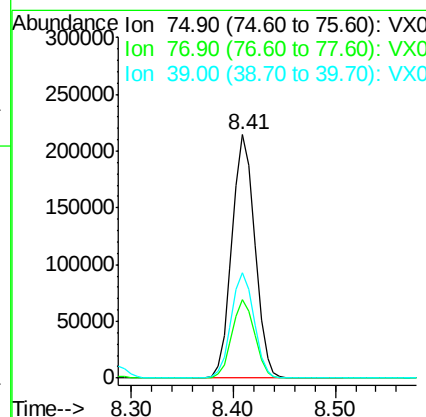
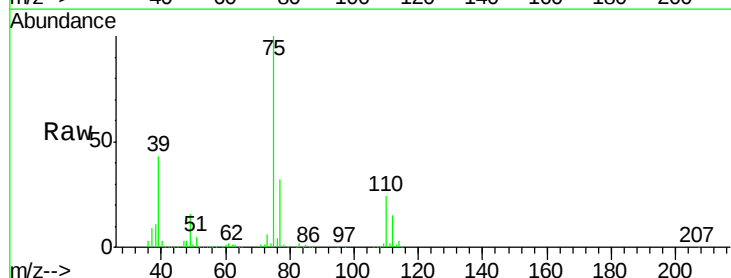
Manual Integrations
APPROVED

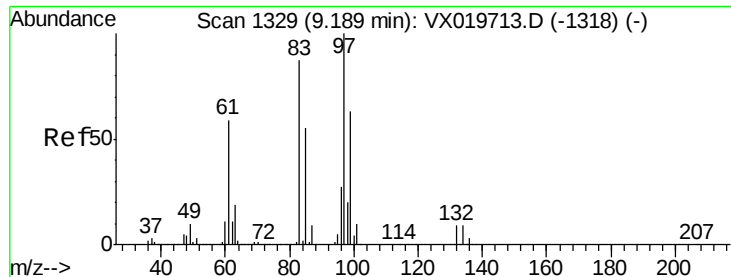
MMDadoda
12/8/2020 5:05:12 PM



#54
cis-1,3-Dichloropropene
Concen: 59.442 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.7	38.5
39	43.0	35.1	52.7





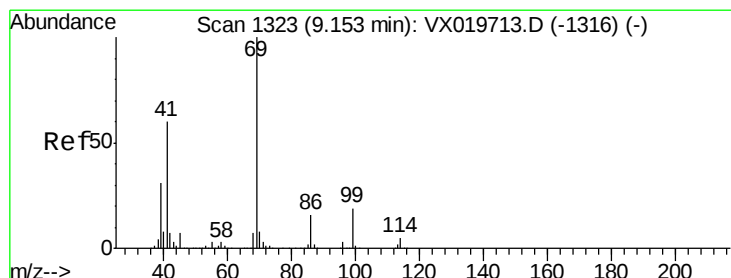
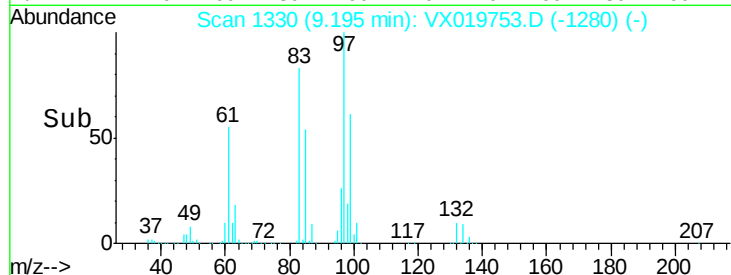
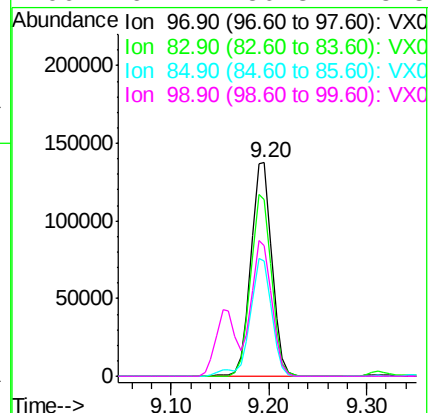
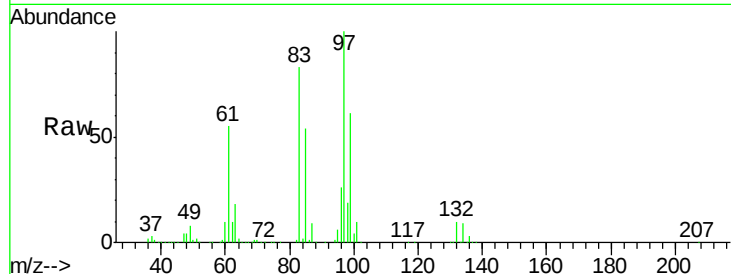
#55
 1,1,2-Trichloroethane
 Concen: 58.527 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		205134		
83	82.8	69.3	103.9		
85	54.0	44.3	66.5		
99	61.1	50.3	75.5		

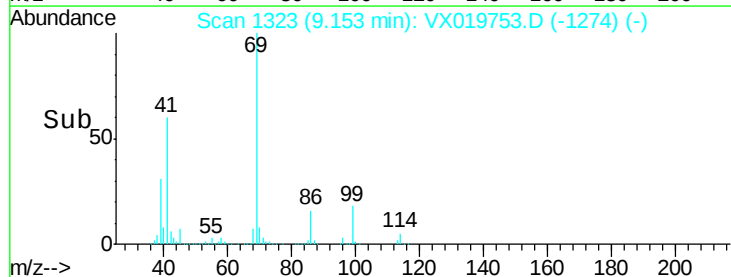
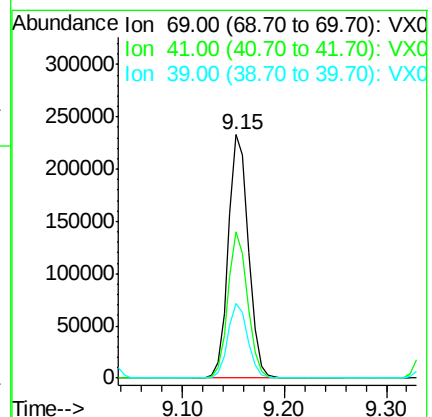
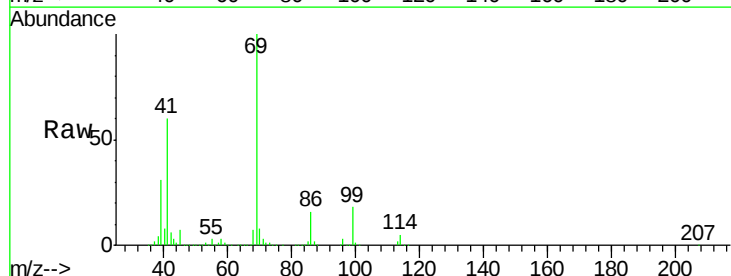
Manual Integrations
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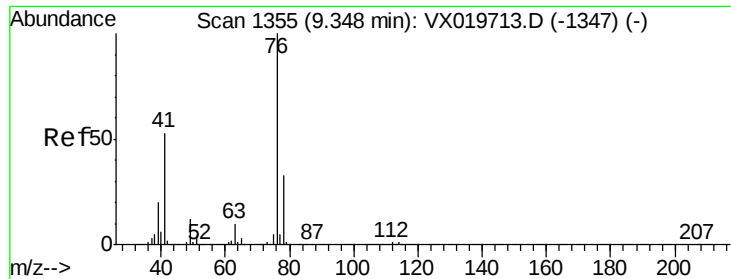
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 12/8/2020 5:05:12 PM



#56
 Ethyl methacrylate
 Concen: 59.886 ug/l
 RT: 9.15 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		317566		
41	58.4	46.8	70.2		
39	30.4	24.7	37.1		





#57

1,3-Dichloropropane

Concen: 57.600 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 344723

Ion Ratio Lower Upper

76 100

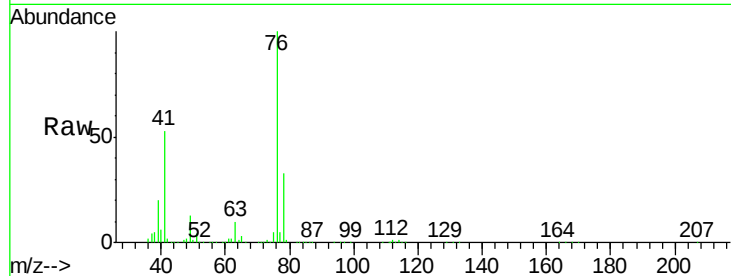
78 32.4 26.2 39.2

Manual Integrations

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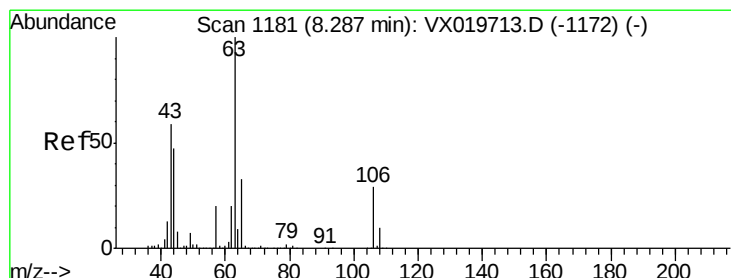
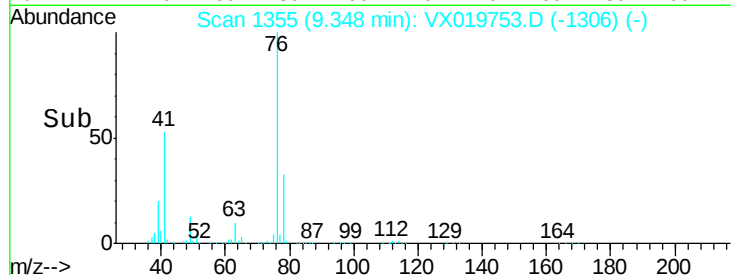
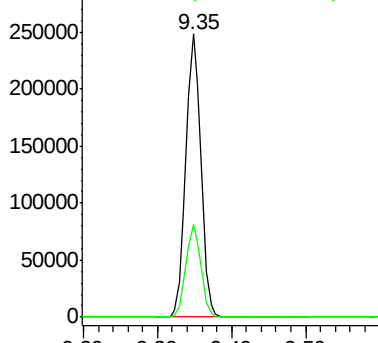
MMDadoda

12/8/2020 5:05:12 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 315.480 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019753.D

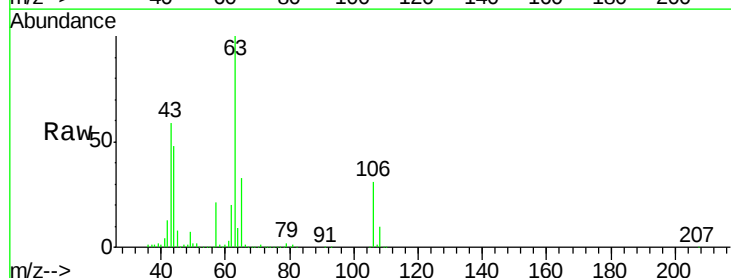
Acq: 07 Dec 2020 16:14

Tgt Ion: 63 Resp: 886258

Ion Ratio Lower Upper

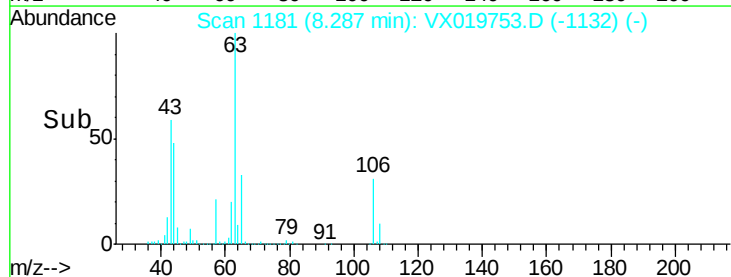
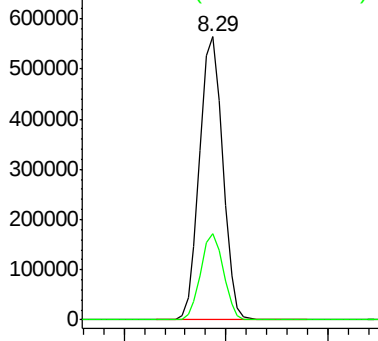
63 100

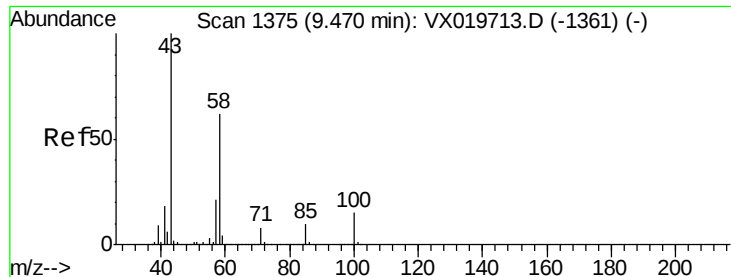
106 30.1 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





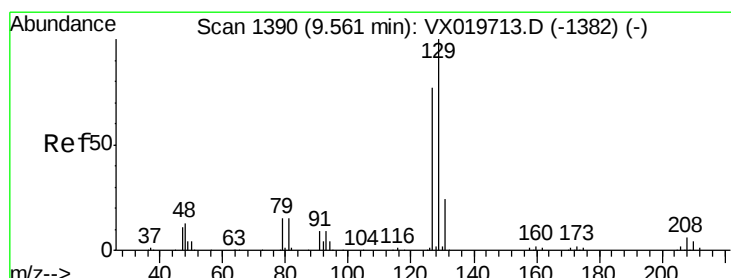
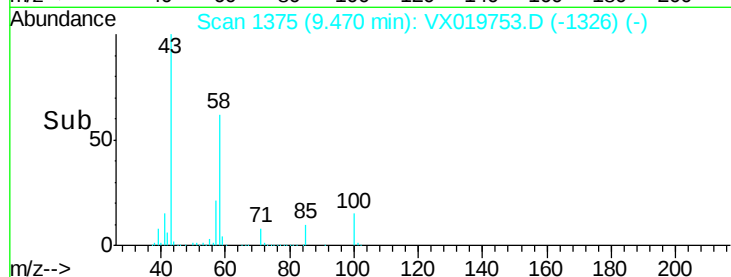
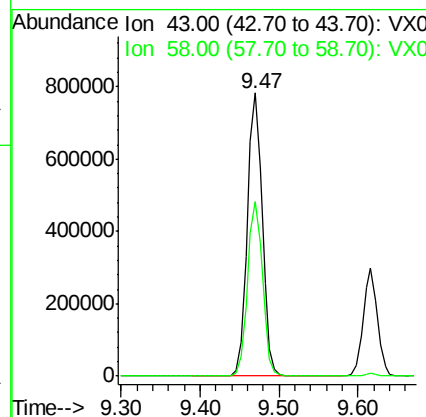
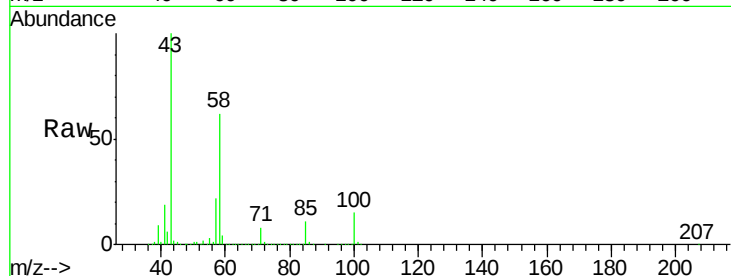
#59
2-Hexanone
Concen: 292.395 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1034031
Ion Ratio Lower Upper
43 100
58 61.6 30.9 92.8

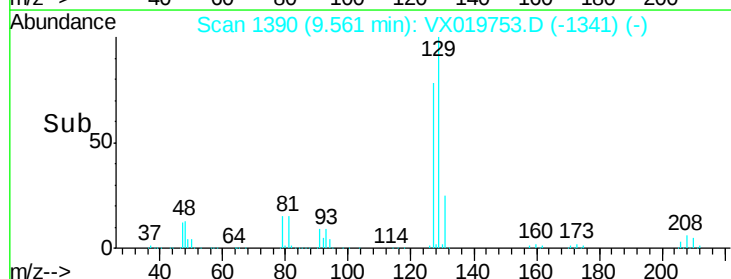
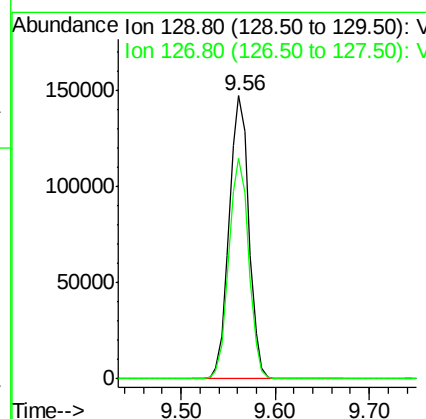
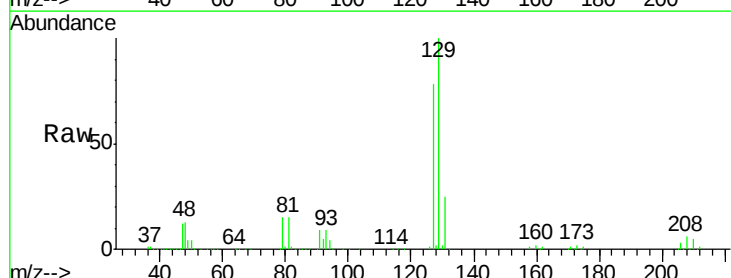
Manual Integrations
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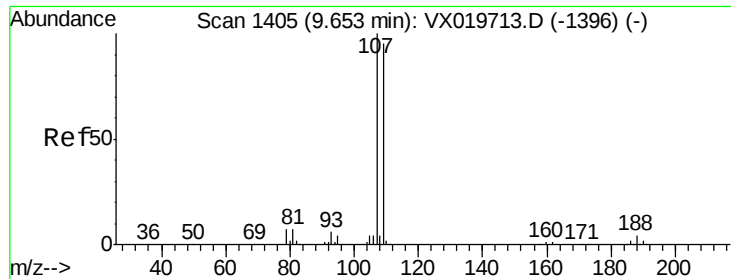
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#60
Dibromochloromethane
Concen: 60.140 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion: 129 Resp: 214157
Ion Ratio Lower Upper
129 100
127 78.4 38.4 115.2





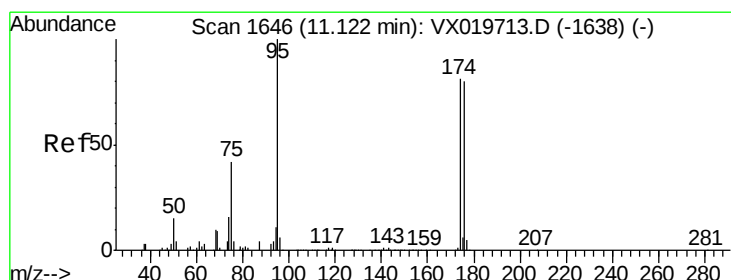
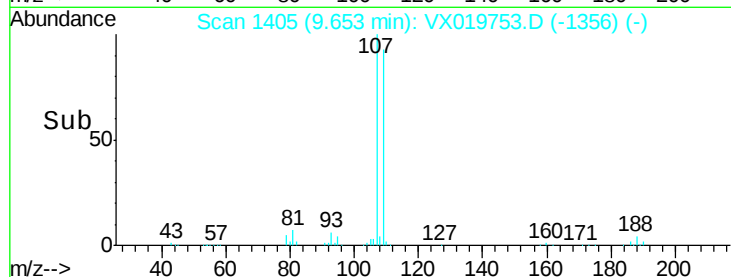
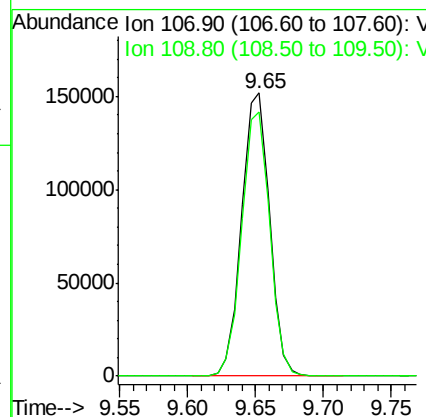
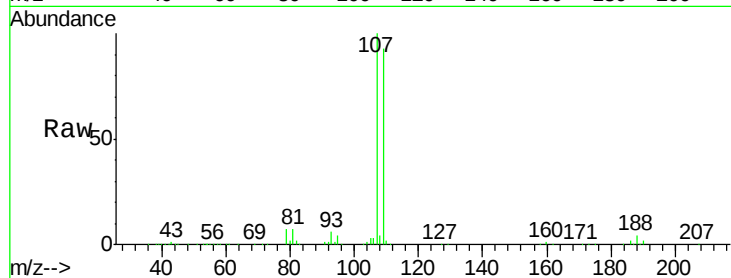
#61
 1,2-Dibromoethane
 Concen: 58.658 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.8	113.6

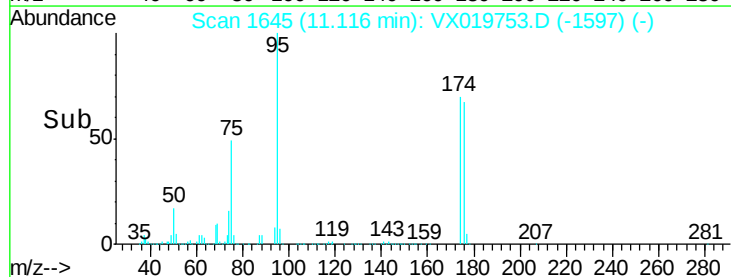
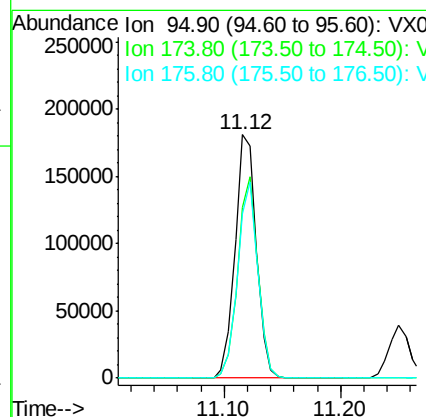
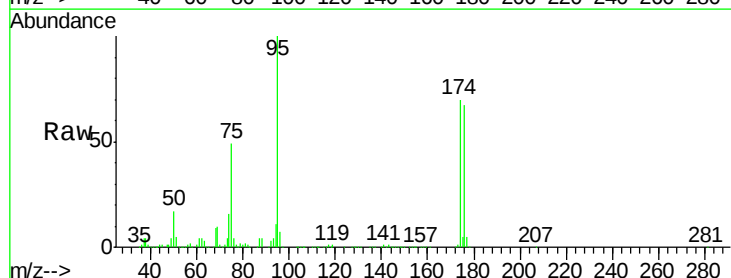
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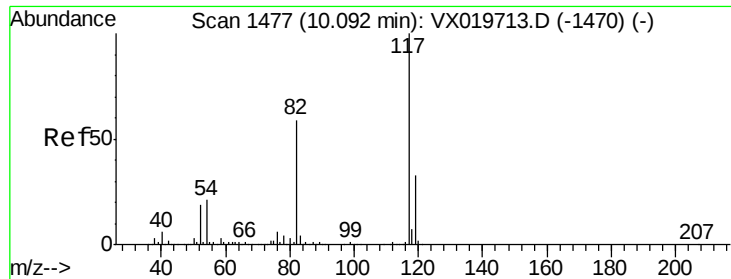
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#62
 4-Bromofluorobenzene
 Concen: 48.726 ug/l
 RT: 11.12 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	154.6
176	76.6	0.0	155.8





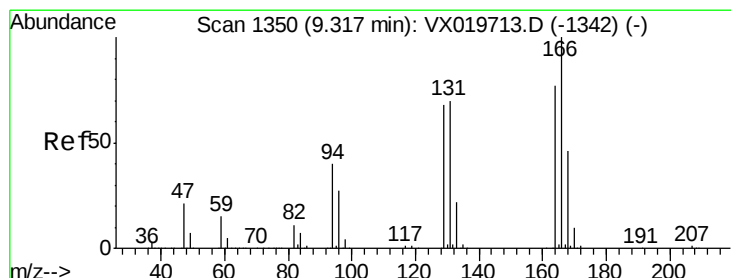
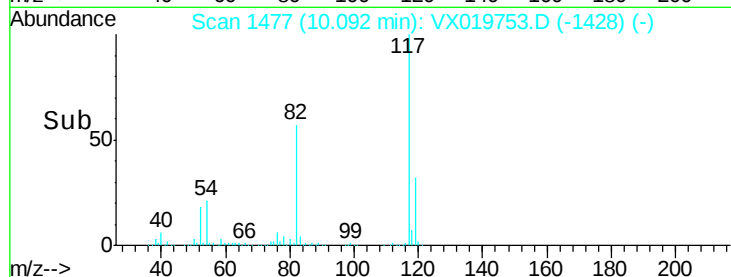
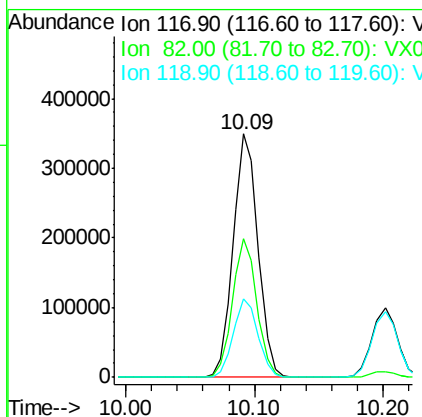
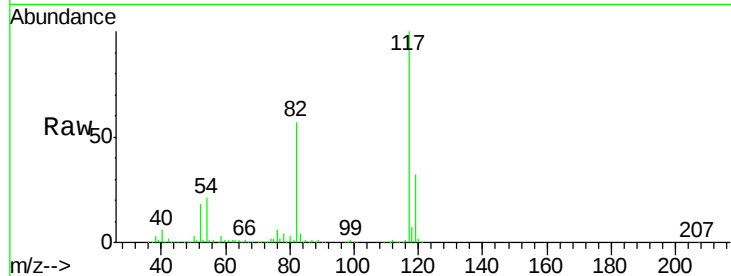
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	469178		
82	56.9	47.4	71.2	
119	32.0	26.6	39.8	

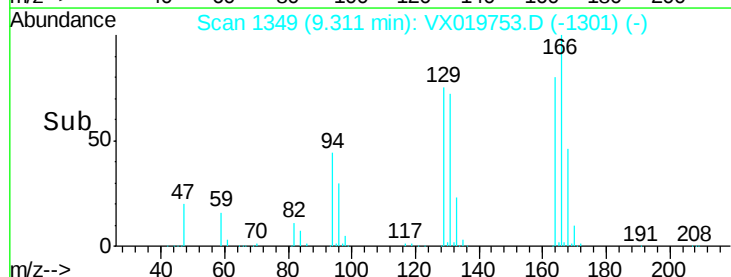
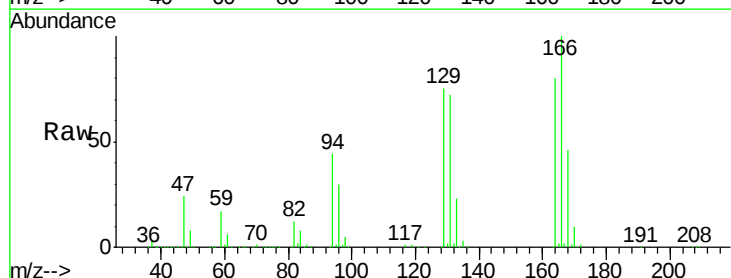
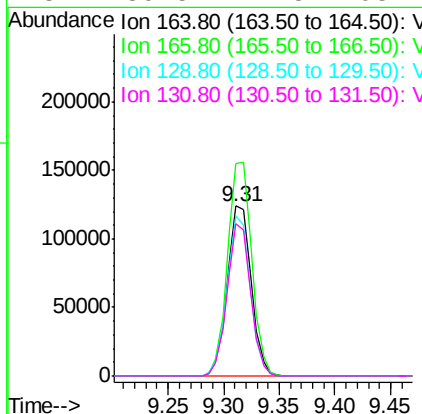
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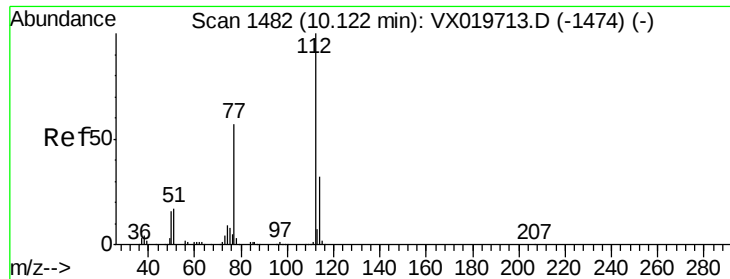
MMDadoda
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#64
Tetrachloroethene
Concen: 58.434 ug/l
RT: 9.31 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	183858		
166	125.1	103.4	155.2	
129	94.3	70.8	106.2	
131	89.5	72.5	108.7	





#65

Chlorobenzene

Concen: 57.309 ug/l

RT: 10.12 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 535689

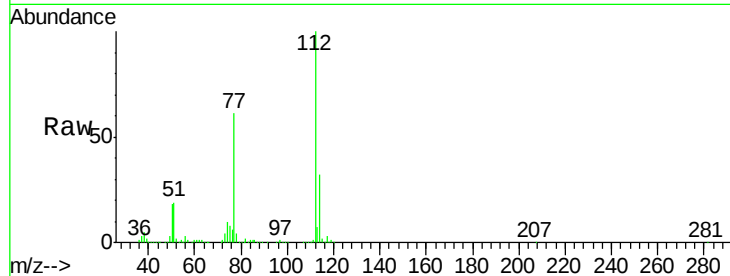
Ion Ratio Lower Upper

112 100

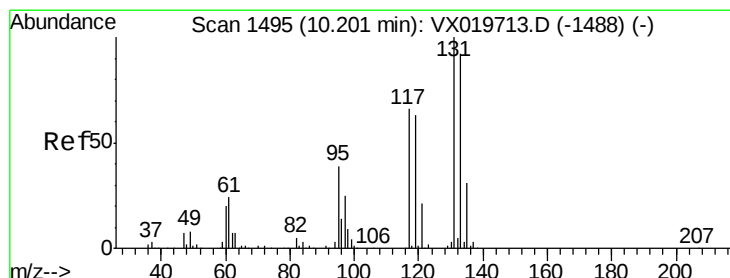
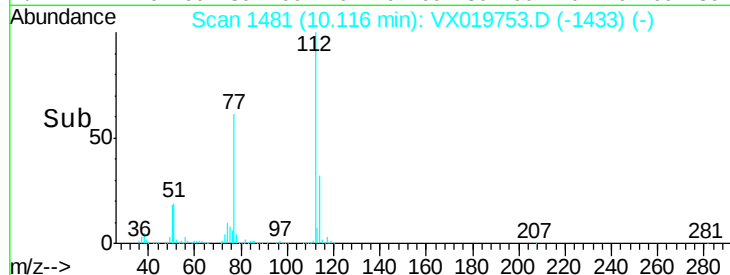
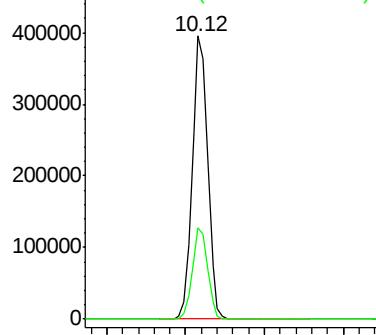
114 32.3 25.8 38.6

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Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 59.814 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

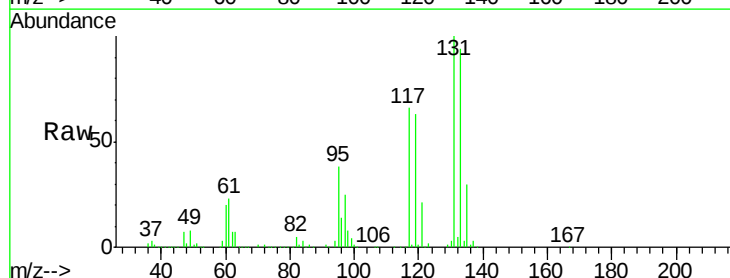
Tgt Ion:131 Resp: 201235

Ion Ratio Lower Upper

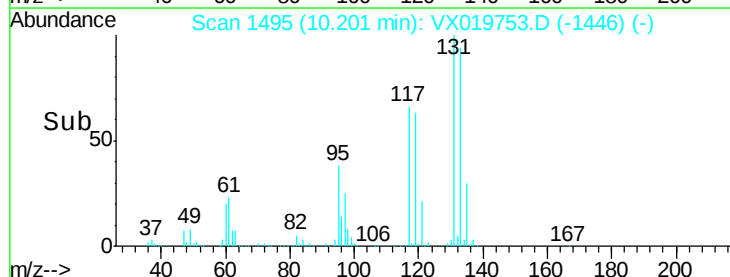
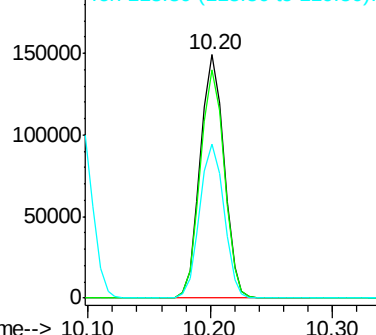
131 100

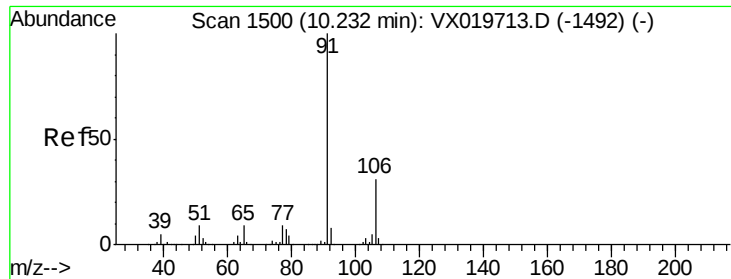
133 94.4 47.7 143.1

119 64.5 32.1 96.5



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 58.714 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 974186

Ion Ratio Lower Upper

91 100

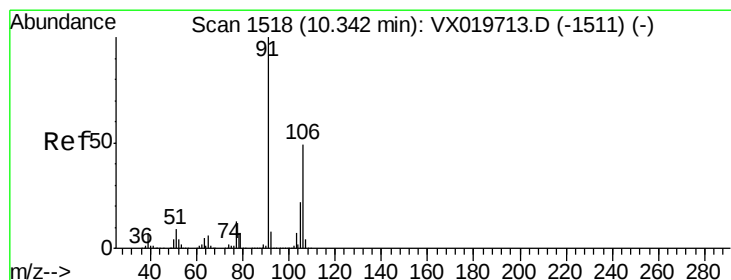
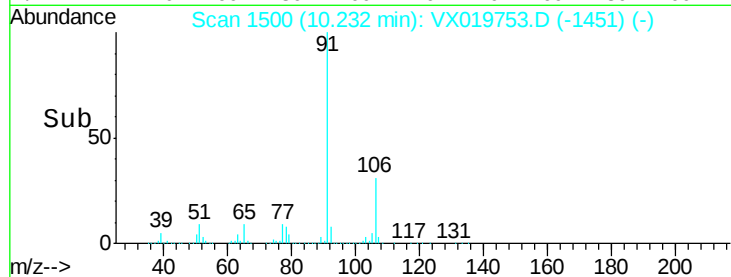
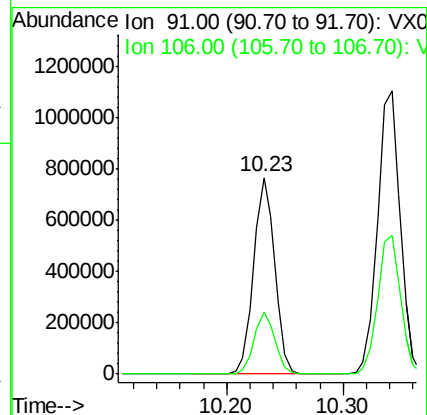
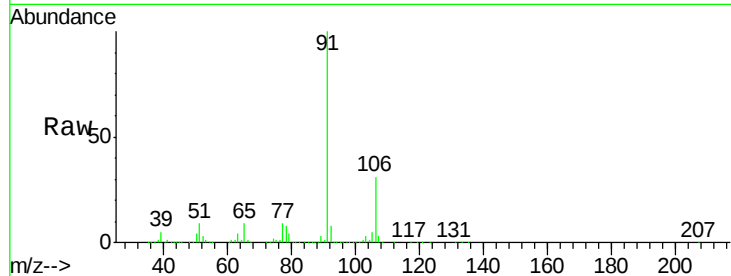
106 31.4 24.6 37.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 118.326 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019753.D

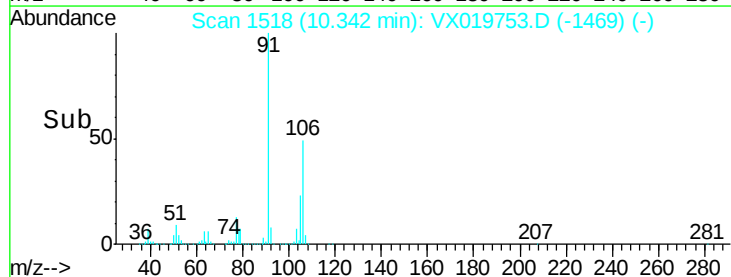
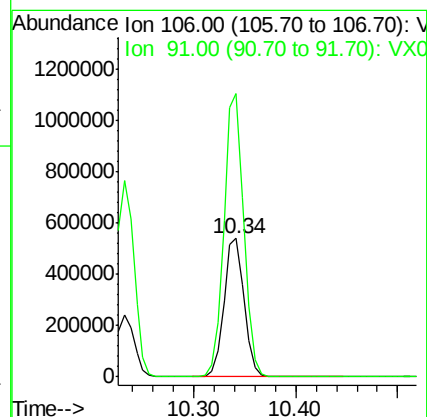
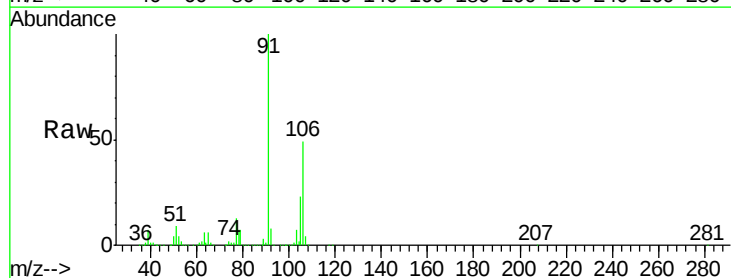
Acq: 07 Dec 2020 16:14

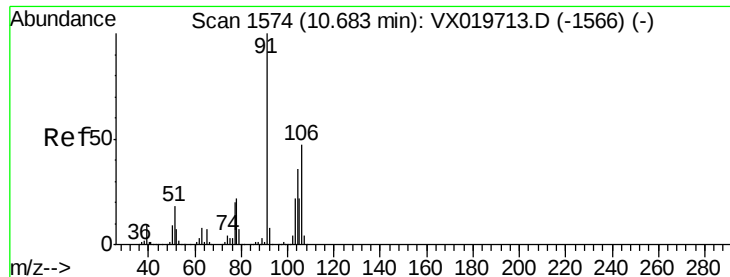
Tgt Ion: 106 Resp: 739785

Ion Ratio Lower Upper

106 100

91 202.2 162.8 244.2





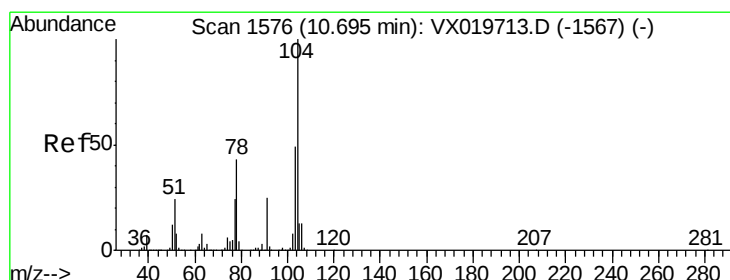
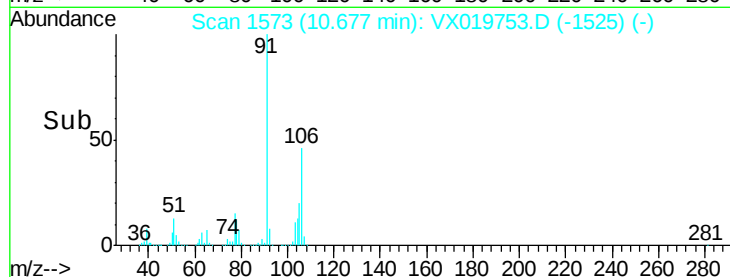
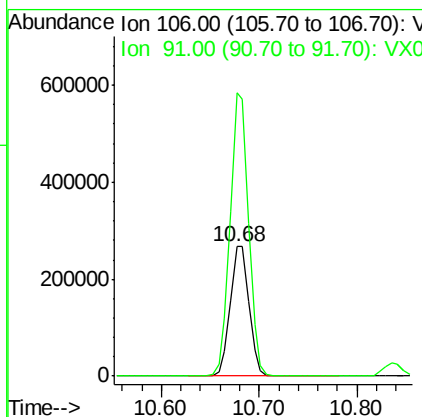
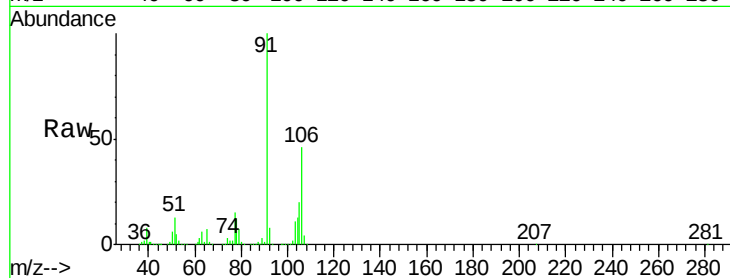
#69
o-Xylene
Concen: 59.519 ug/l
RT: 10.68 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	213.6	108.1	357956	324.2	

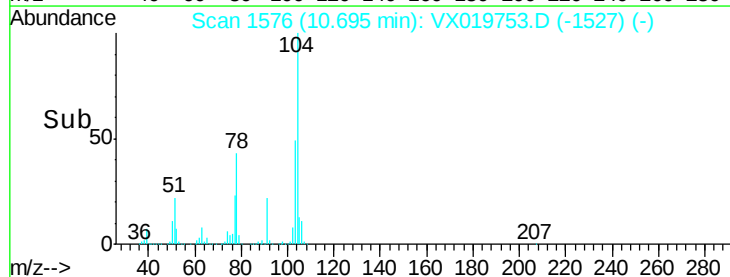
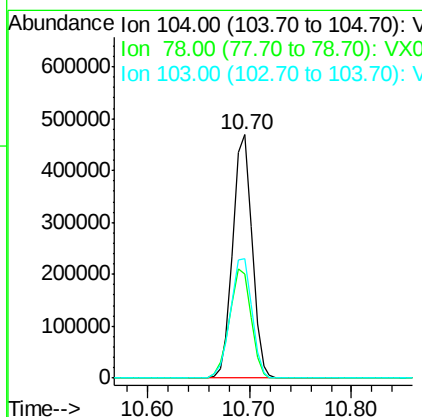
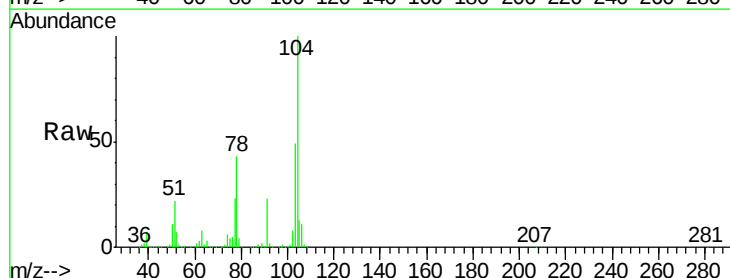
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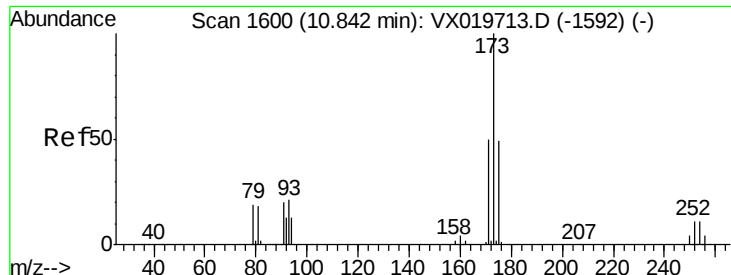
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#70
Styrene
Concen: 60.228 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	50.0	40.0	611384	60.0	
103	54.4	43.4		65.0	





#71

Bromoform

Concen: 60.562 ug/l

RT: 10.84 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 160288

Ion Ratio Lower Upper

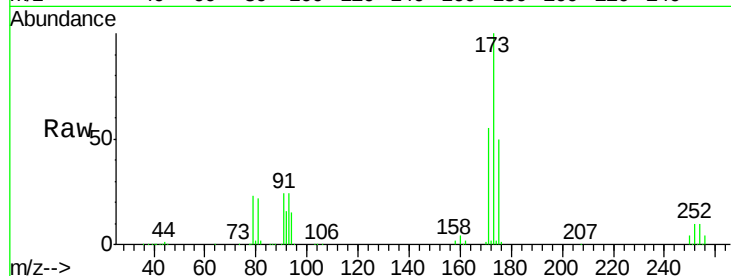
173 100

175 49.3 23.9 71.8

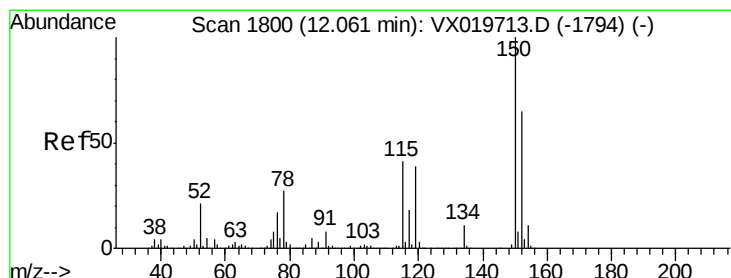
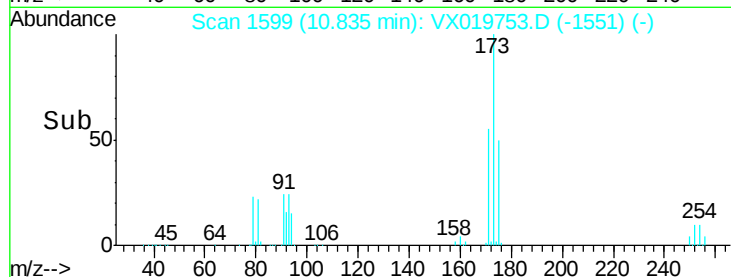
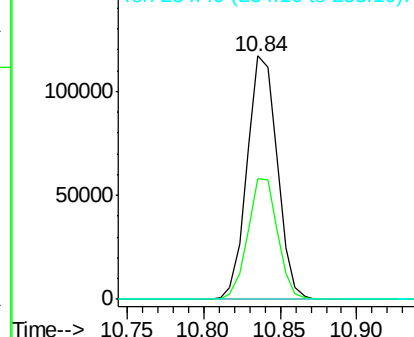
254 0.2 0.1 0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

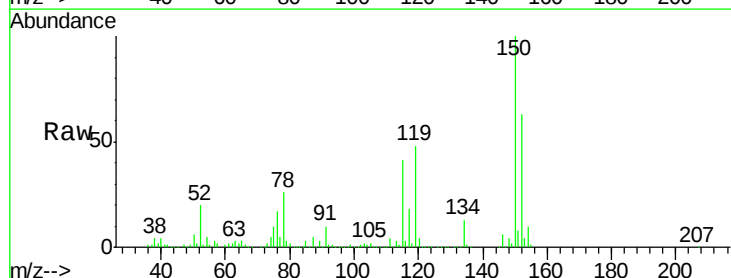
Tgt Ion:152 Resp: 235884

Ion Ratio Lower Upper

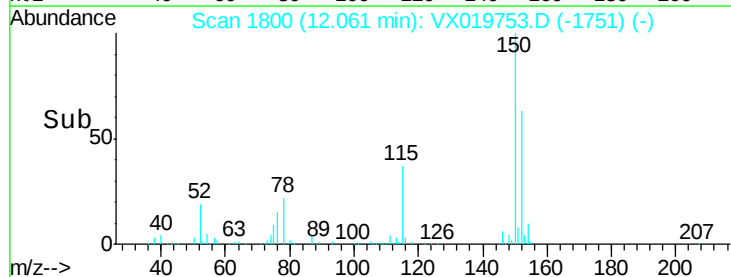
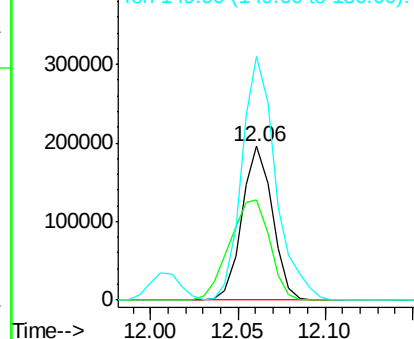
152 100

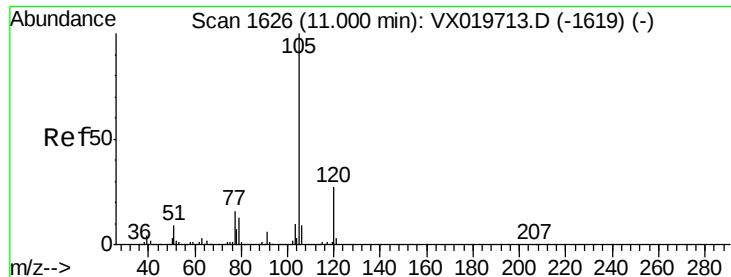
115 86.0 41.1 123.3

150 176.6 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 59.197 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 953999

Ion Ratio Lower Upper

105 100

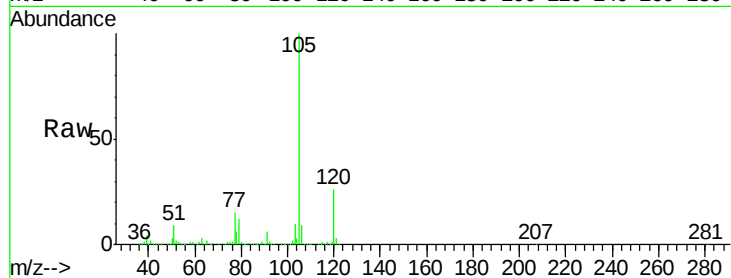
120 26.3 13.2 39.6

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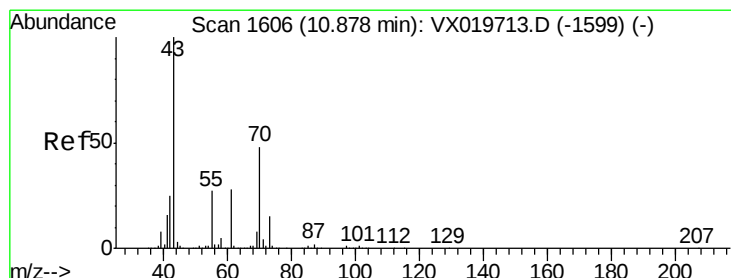
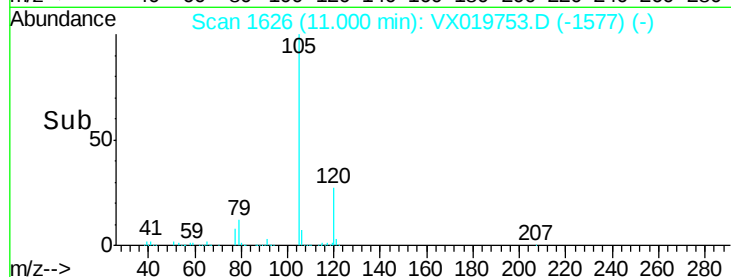
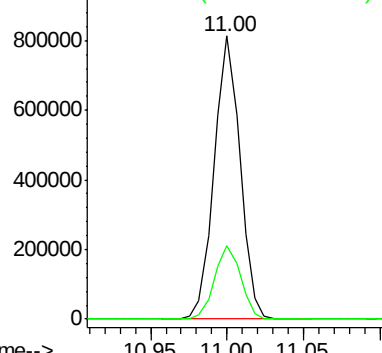
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.850 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Tgt Ion: 43 Resp: 373604

Ion Ratio Lower Upper

43 100

70 49.8 39.0 58.6

55 27.2 21.5 32.3

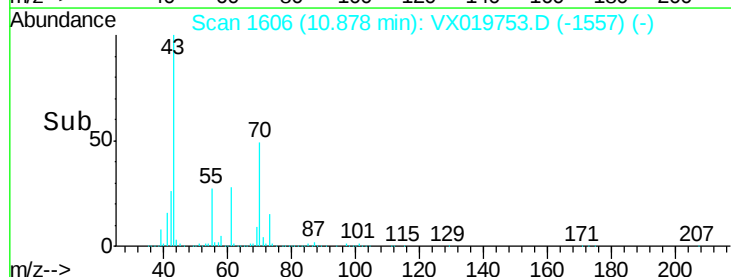
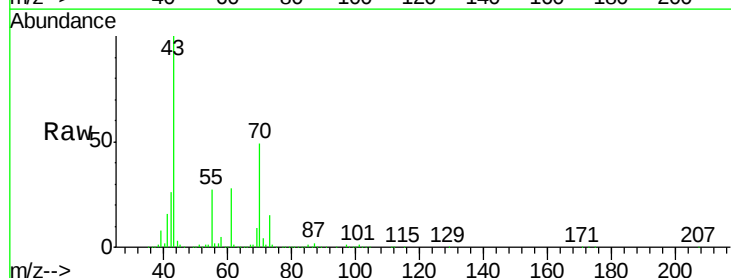
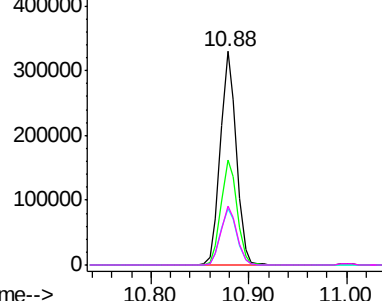
61 27.7 22.1 33.1

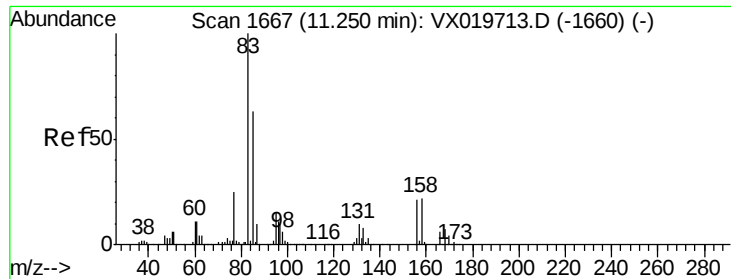
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 56.638 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

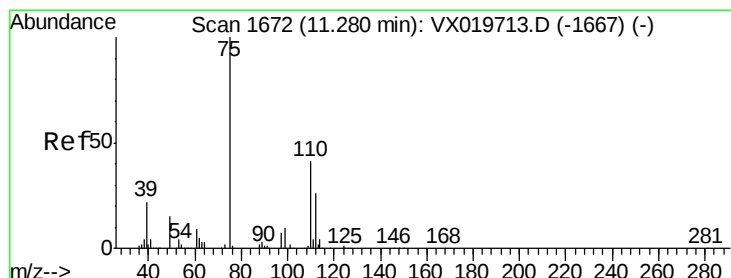
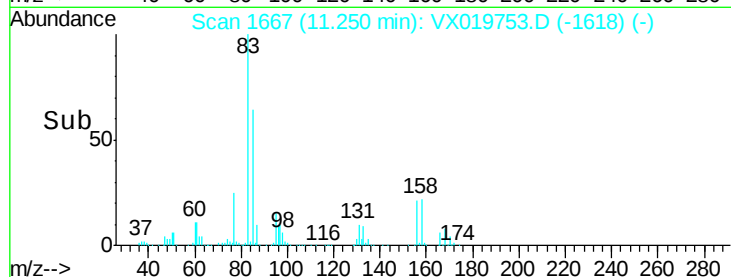
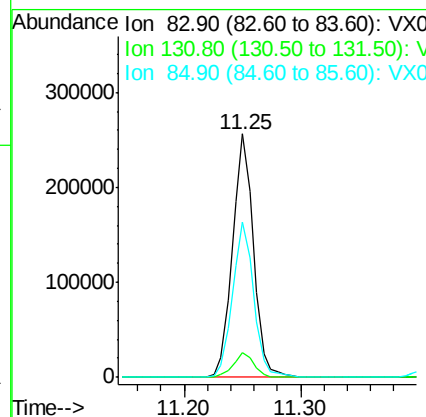
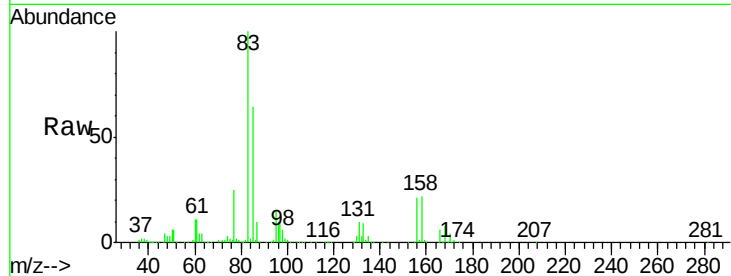
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	321797
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.2
85	64.3	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 58.100 ug/l m

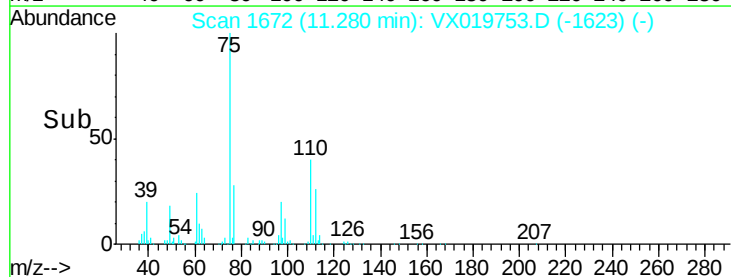
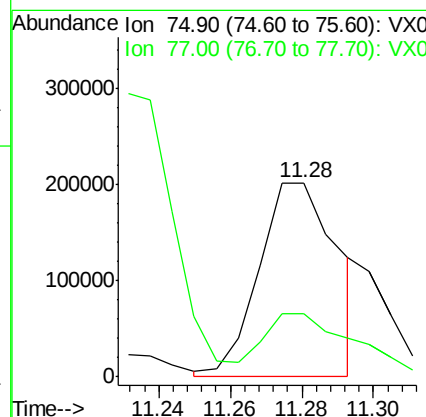
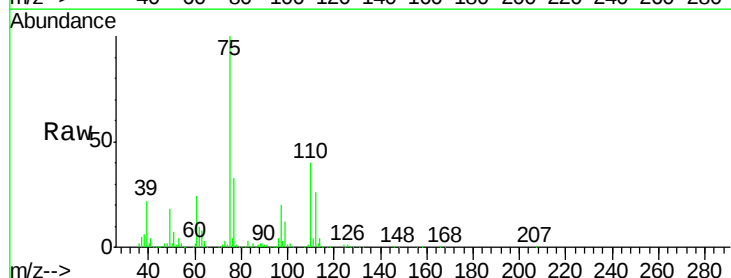
RT: 11.28 min Scan# 1672

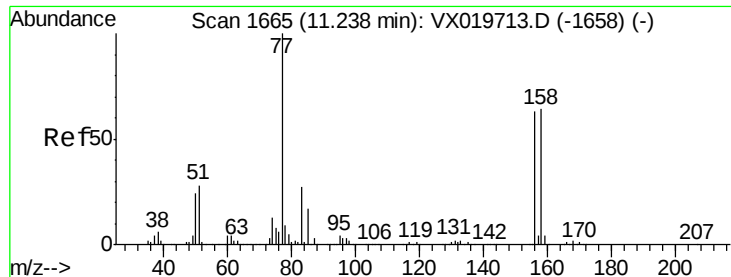
Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Tgt Ion:	75	Resp:	307379
Ion Ratio	Lower	Upper	
75	100		
77	38.0	19.1	57.5





#77

Bromobenzene

Concen: 58.594 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

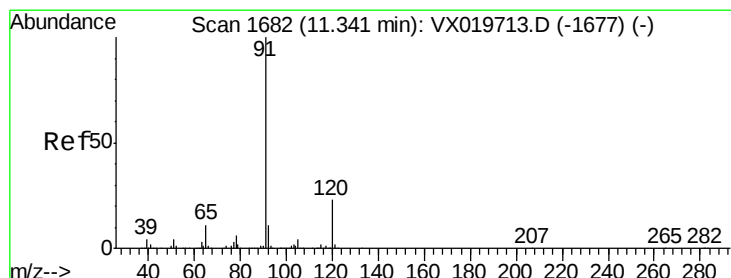
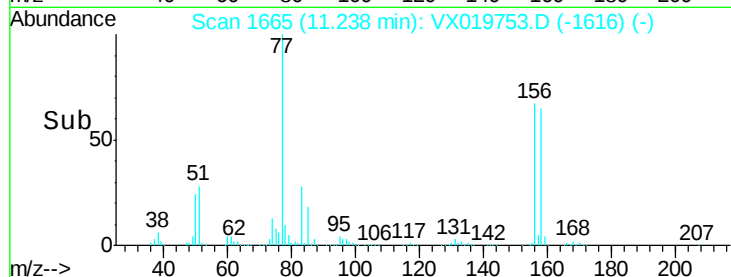
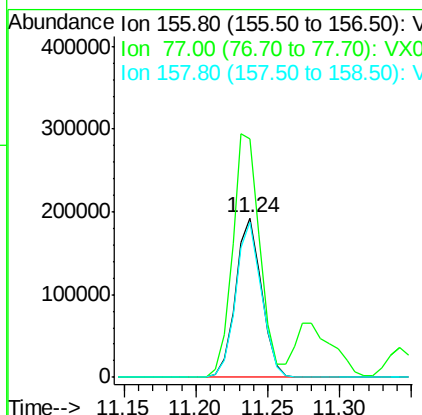
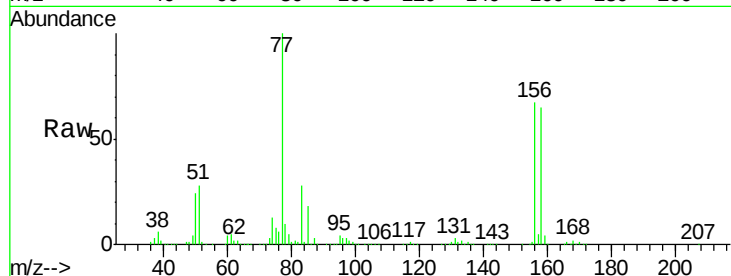
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	162.7	82.8	248.6
158	96.7	49.1	147.4

Manual Integrations
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#78

n-propylbenzene

Concen: 60.422 ug/l

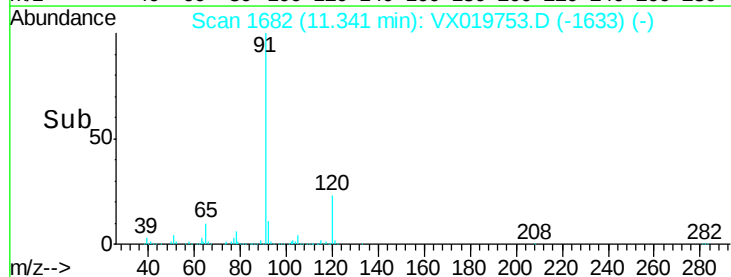
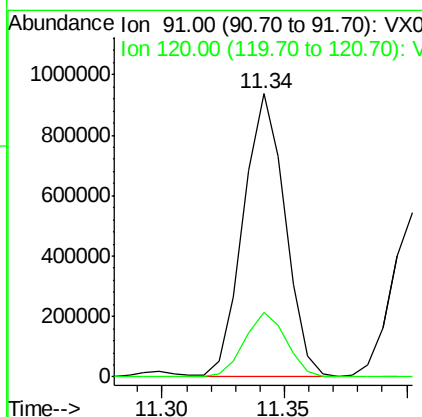
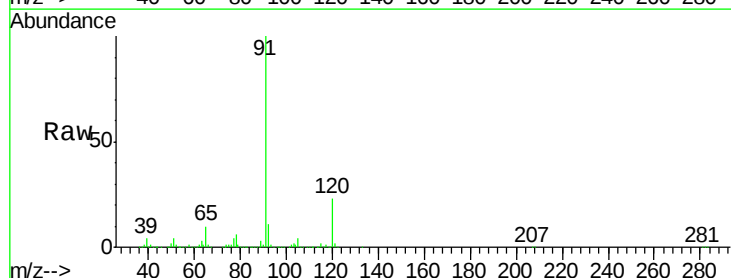
RT: 11.34 min Scan# 1682

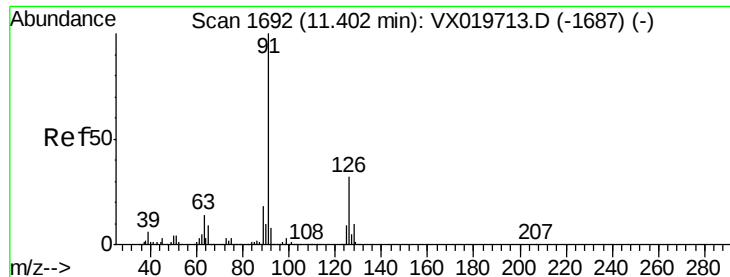
Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.5	34.5





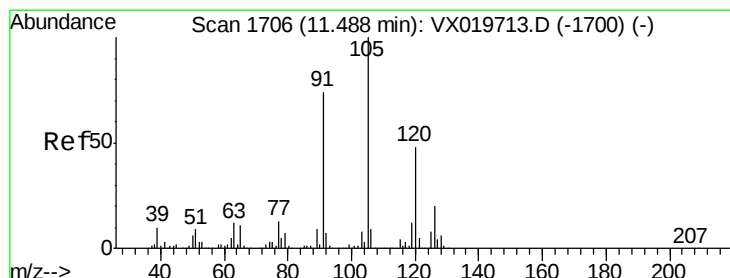
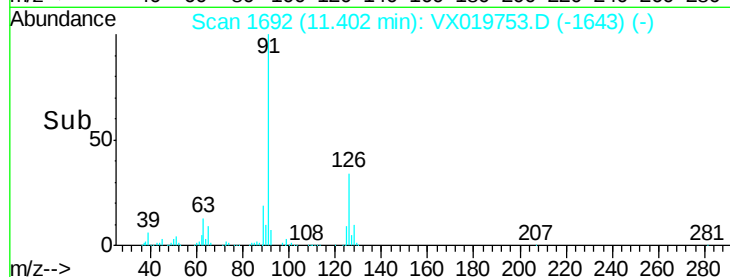
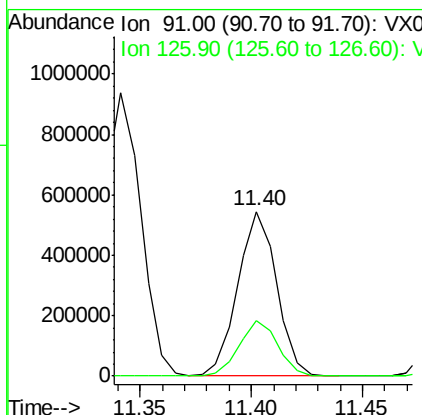
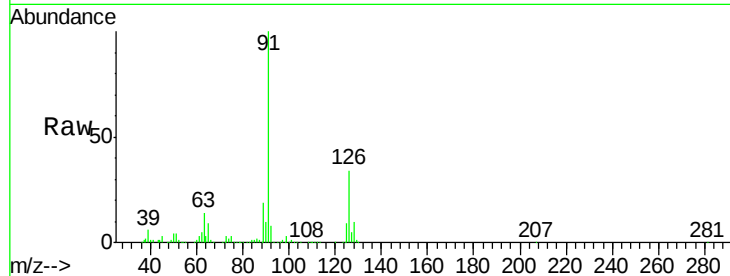
#79
 2-Chlorotoluene
 Concen: 58.303 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 660861
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.6 49.8

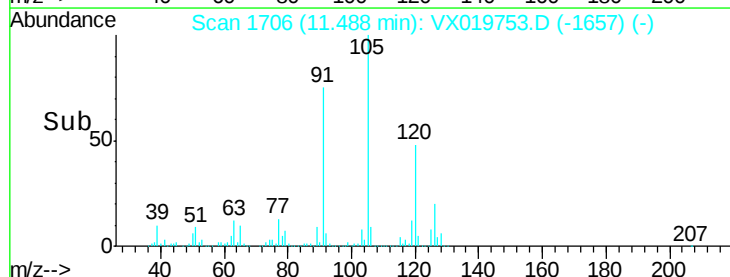
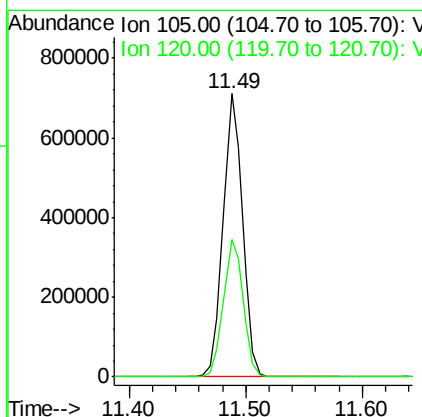
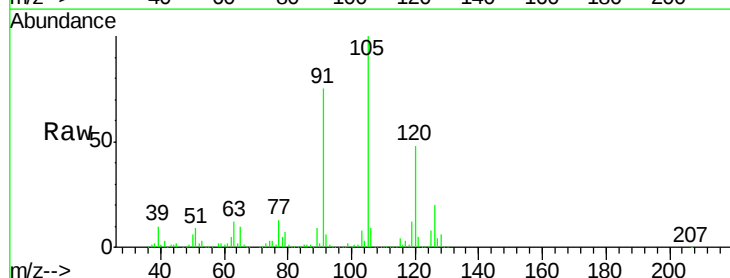
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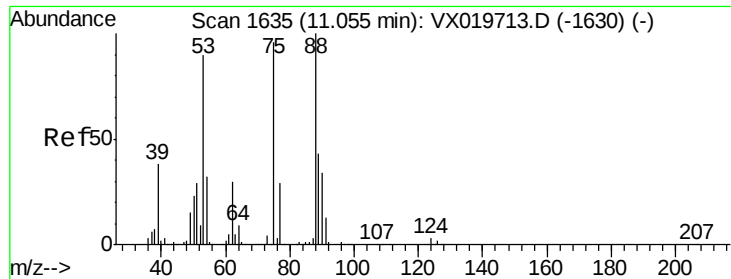
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#80
 1,3,5-Trimethylbenzene
 Concen: 60.249 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Tgt Ion: 105 Resp: 819443
 Ion Ratio Lower Upper
 105 100
 120 49.2 23.8 71.5





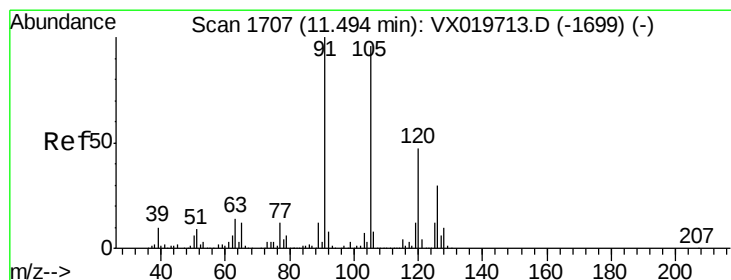
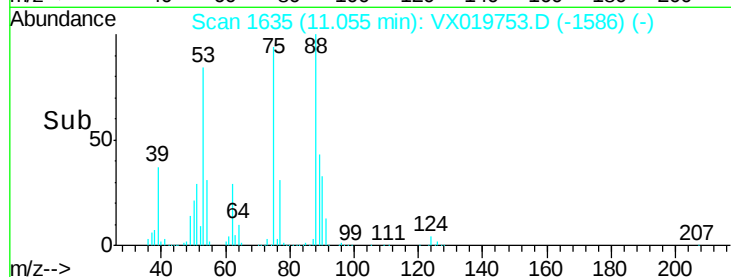
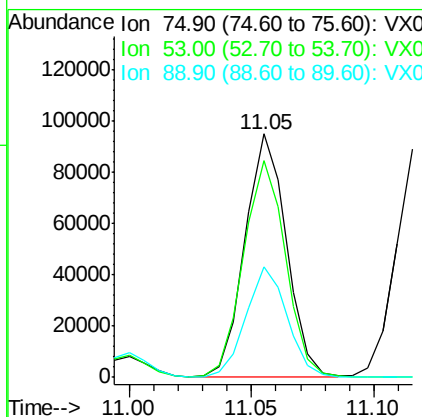
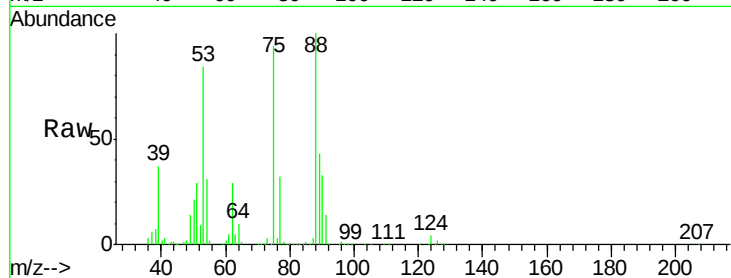
#81
trans-1,4-Dichloro-2-butene
Concen: 61.227 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.4	74.5	111.7
89	45.5	37.9	56.9

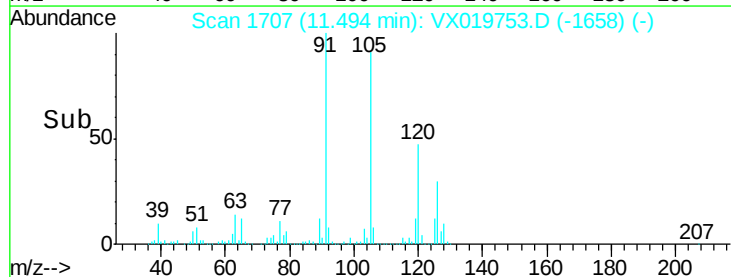
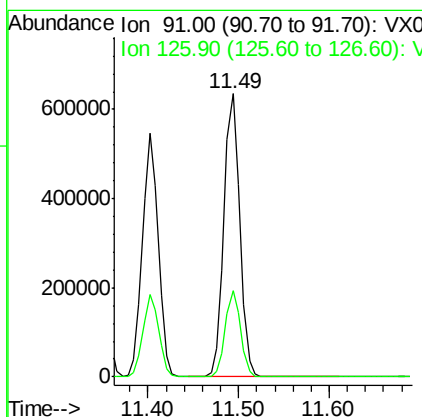
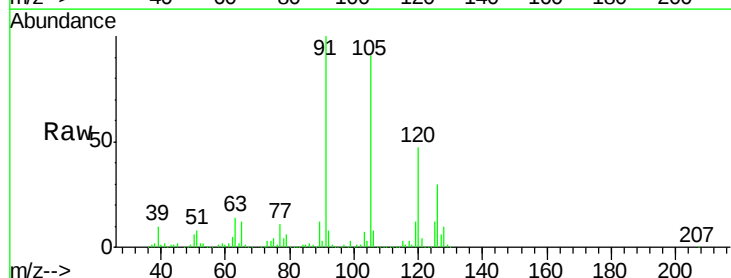
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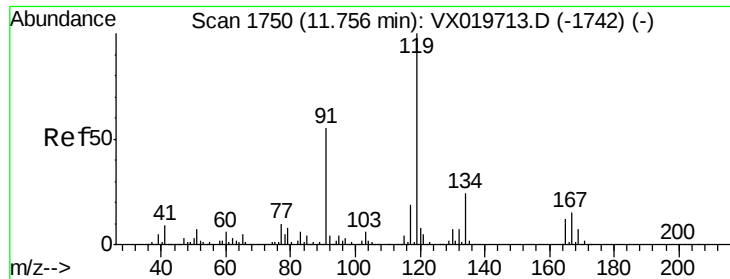
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#82
4-Chlorotoluene
Concen: 58.539 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.9	44.5





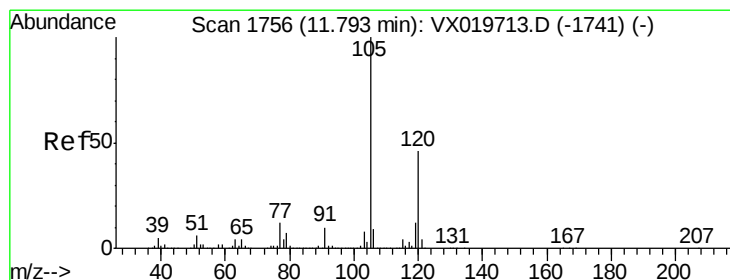
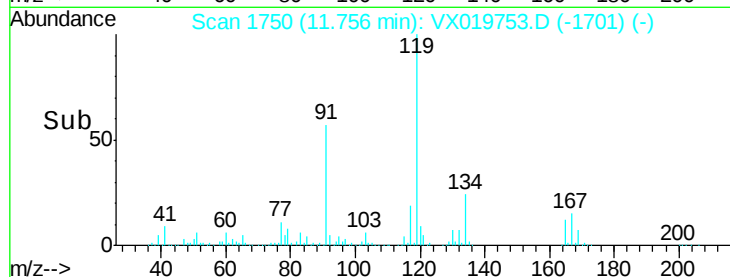
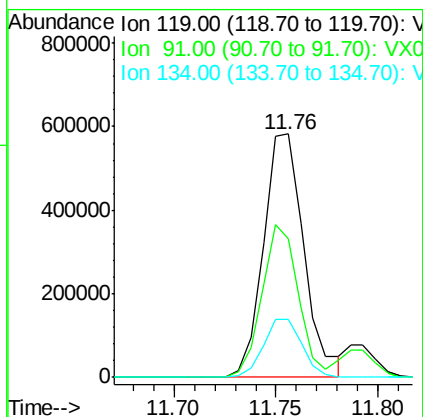
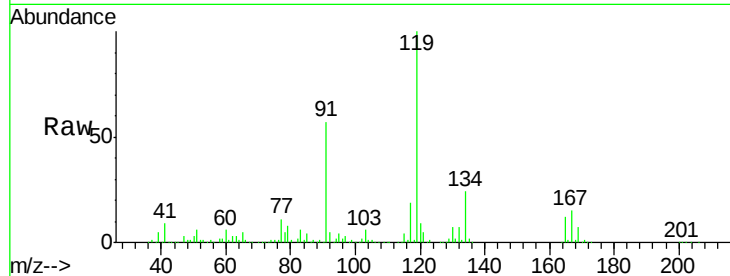
#83
tert-Butylbenzene
Concen: 60.612 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	808515		
91	56.1		27.9	83.7
134	22.9		11.3	33.9

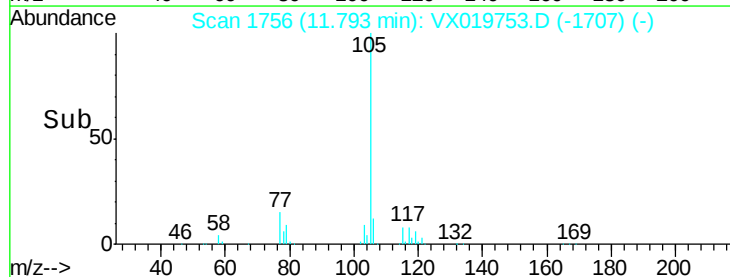
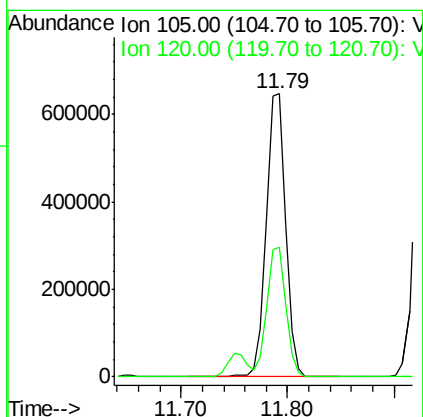
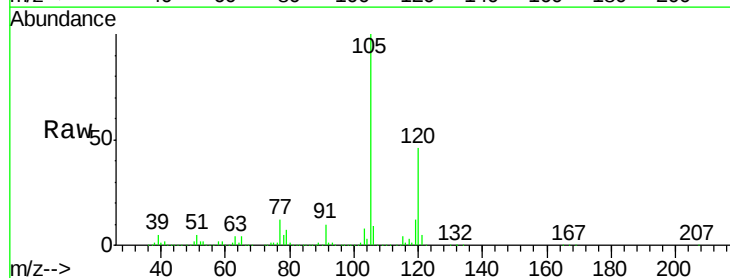
Manual Integrations
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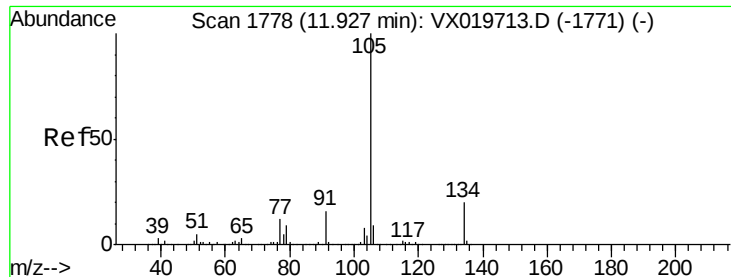
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#84
1,2,4-Trimethylbenzene
Concen: 60.523 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	829194		
120	44.9		22.4	67.3





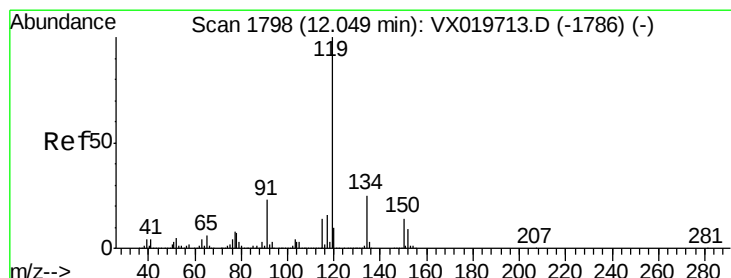
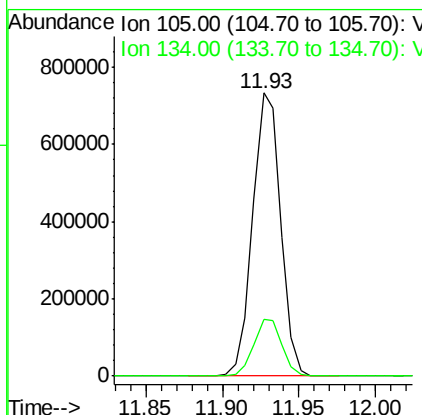
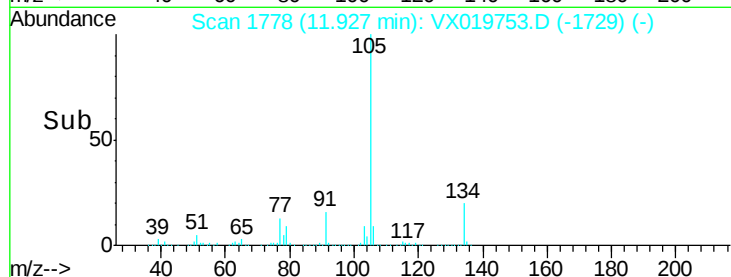
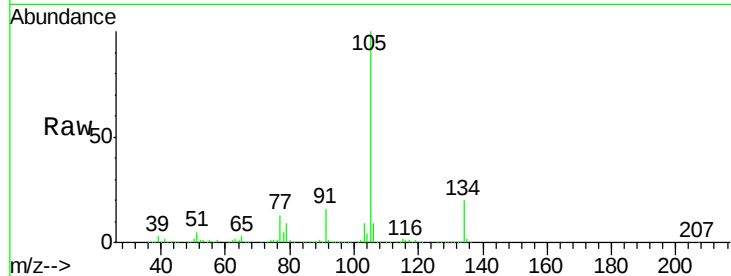
#85
 sec-Butylbenzene
 Concen: 61.136 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.0	29.8

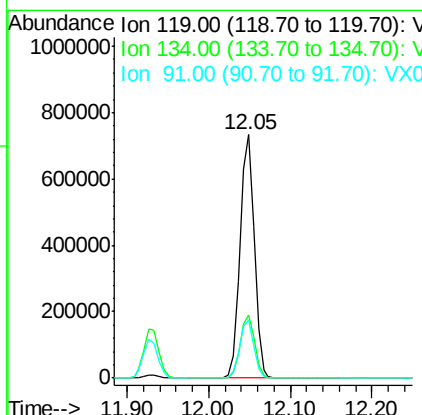
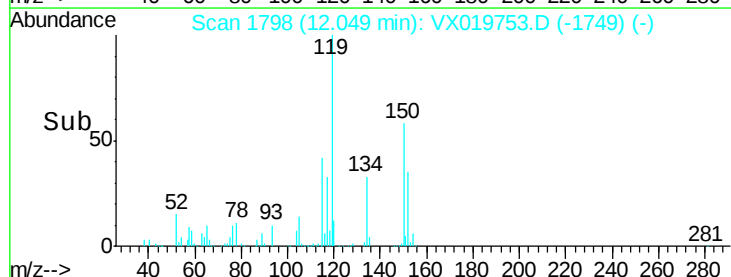
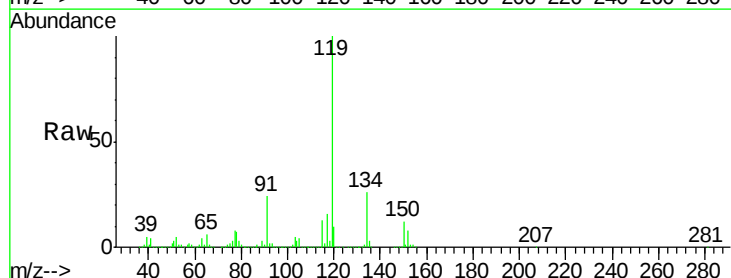
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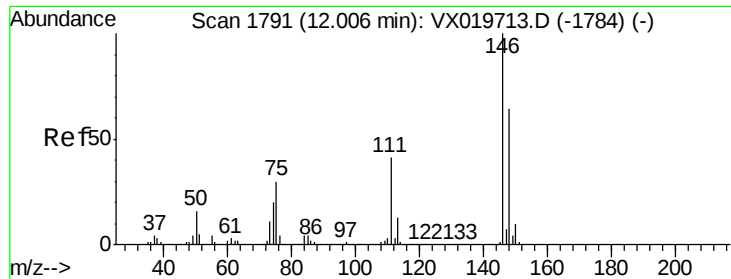
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#86
 p-Isopropyltoluene
 Concen: 62.167 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.9	38.7
91	23.5	11.7	35.0





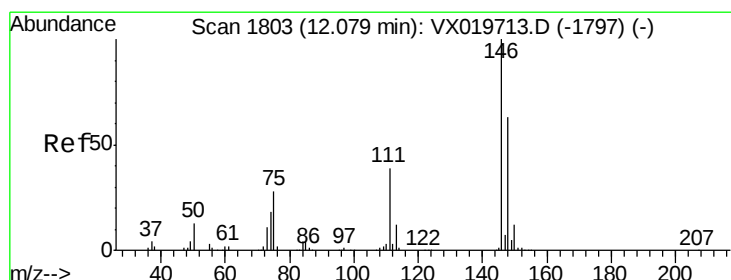
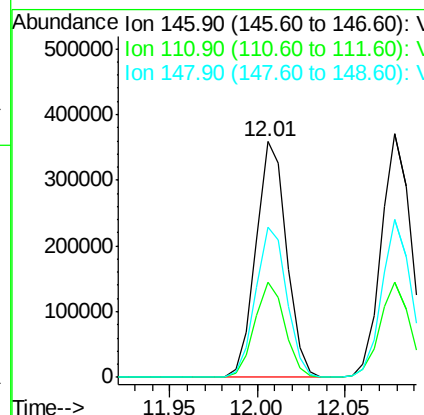
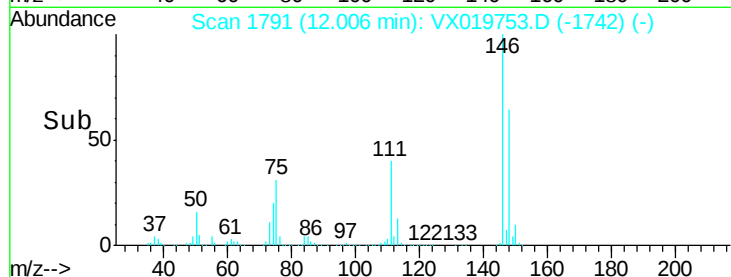
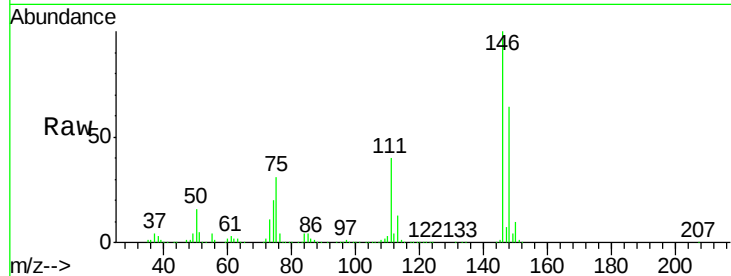
#87
 1,3-Dichlorobenzene
 Concen: 57.789 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.2	60.5
148	64.5	31.9	95.7

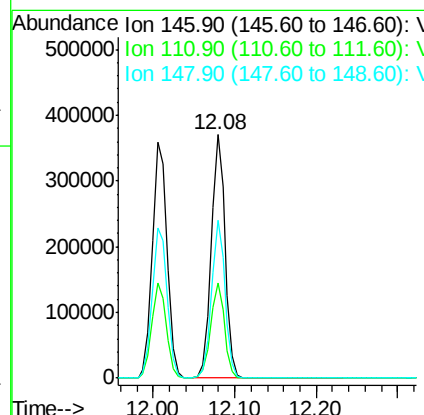
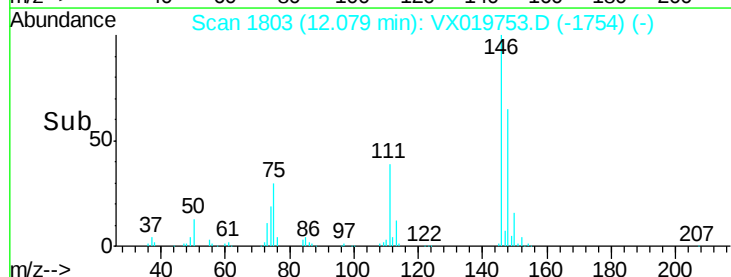
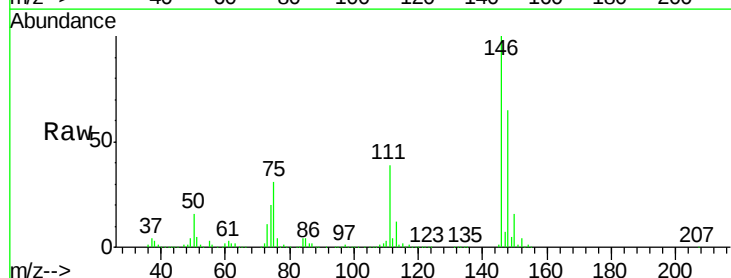
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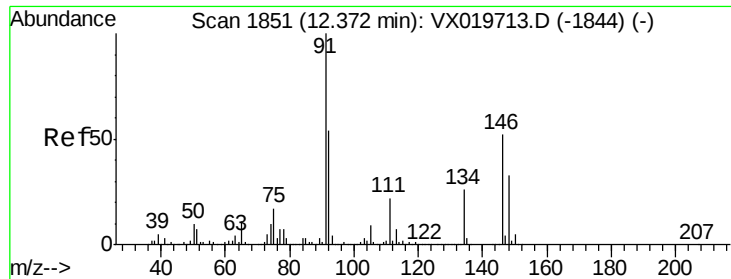
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#88
 1,4-Dichlorobenzene
 Concen: 57.254 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.8
148	63.4	31.6	95.0





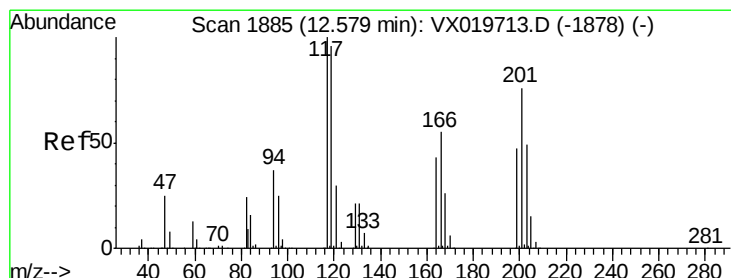
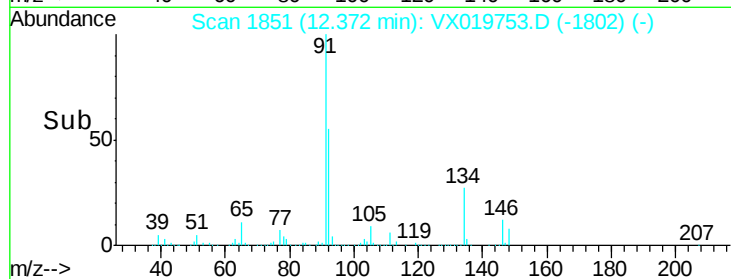
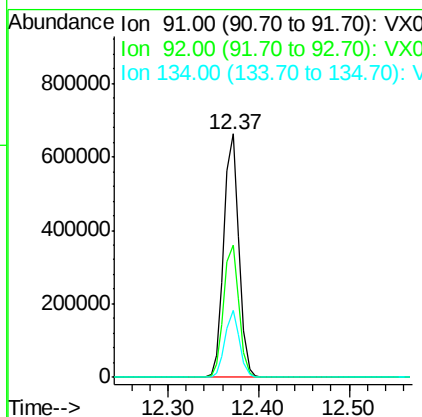
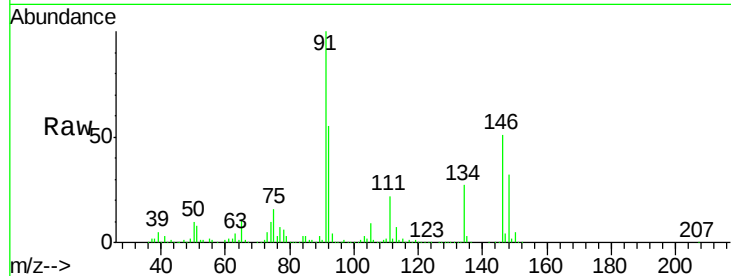
#89
n-Butylbenzene
Concen: 61.769 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.4	82.0
134	26.3	13.2	39.5

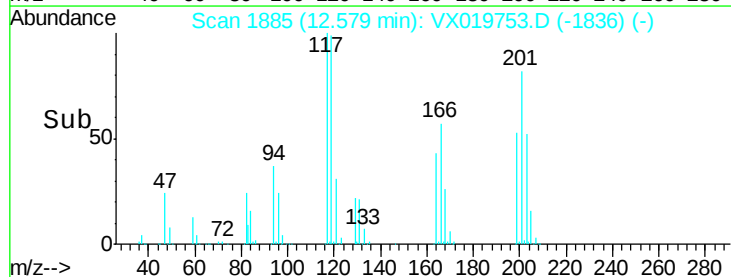
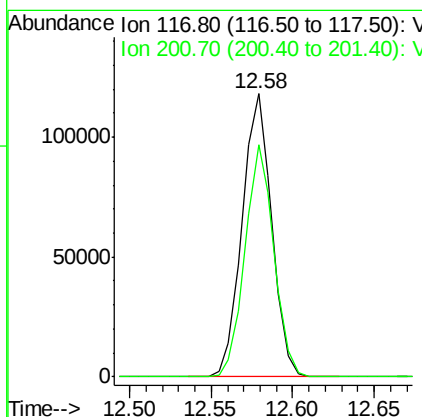
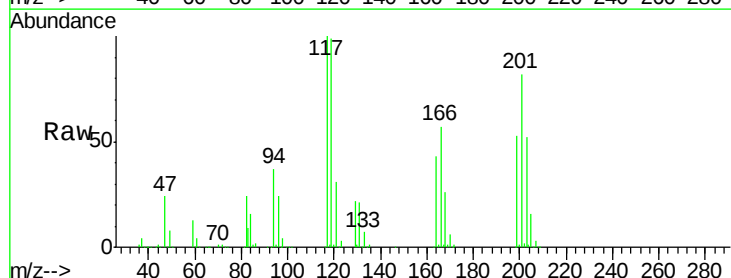
Manual Integrations
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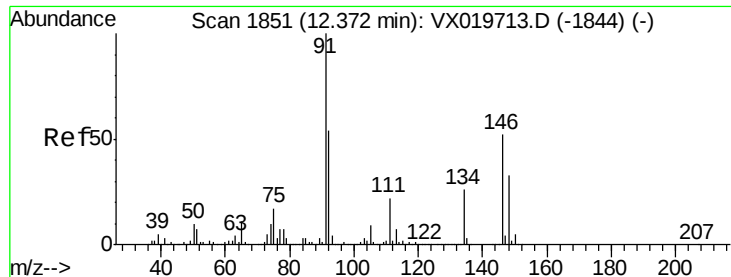
MMDadoda
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#90
Hexachloroethane
Concen: 61.924 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.9	40.4	121.2





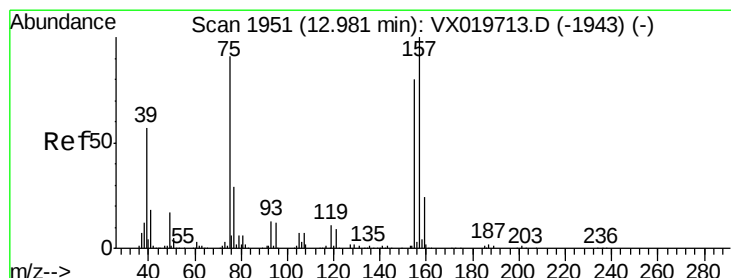
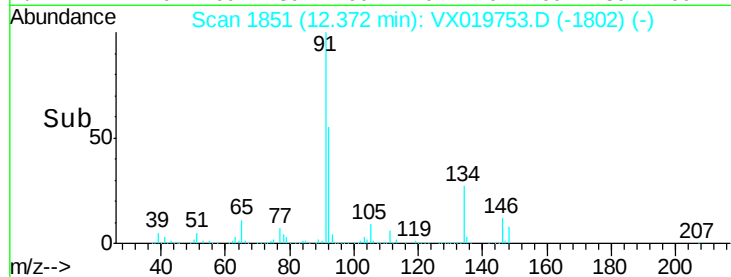
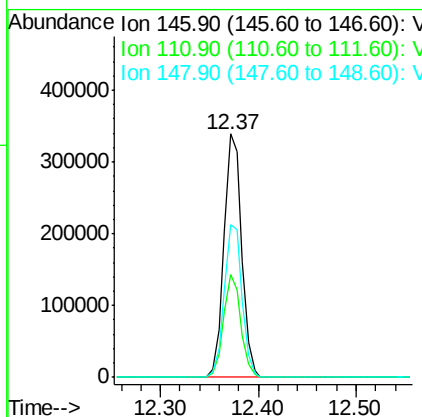
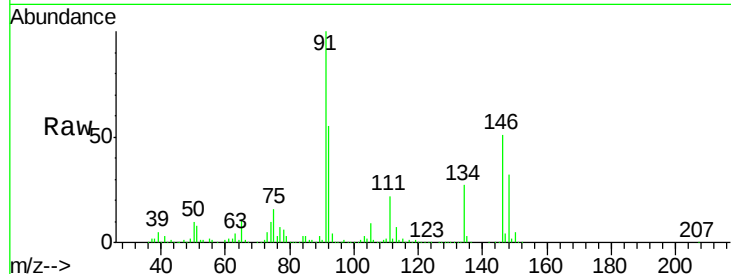
#91
 1,2-Dichlorobenzene
 Concen: 57.570 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.8	62.2
148	63.2	31.9	95.5

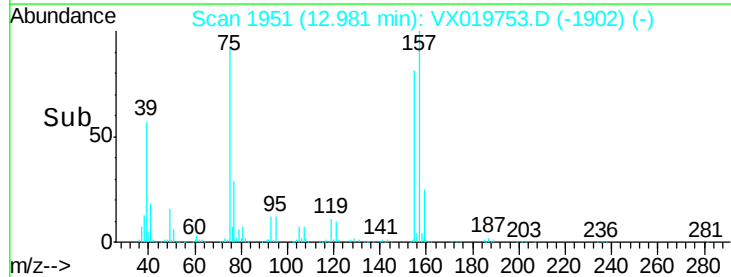
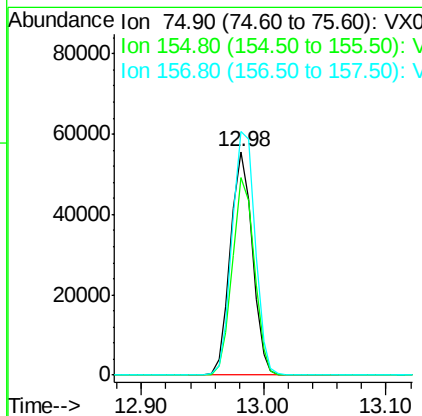
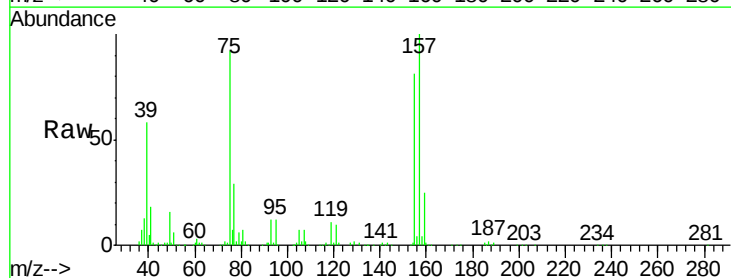
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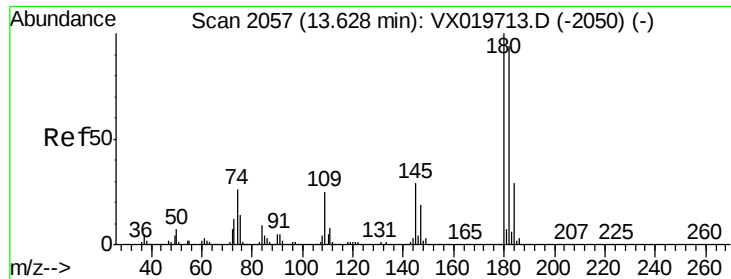
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.404 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.4	45.3	135.9
157	113.8	57.7	173.1





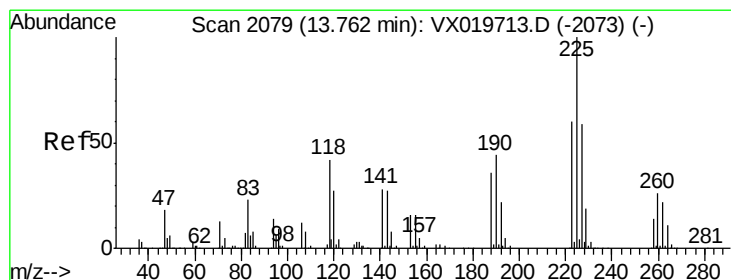
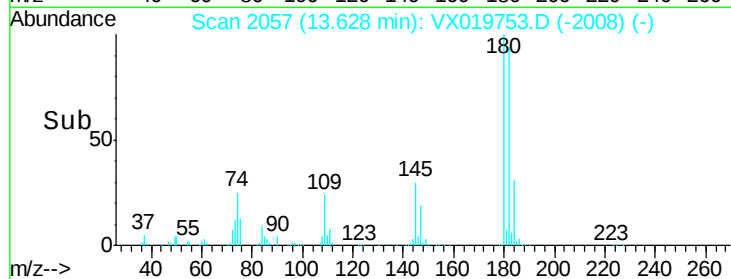
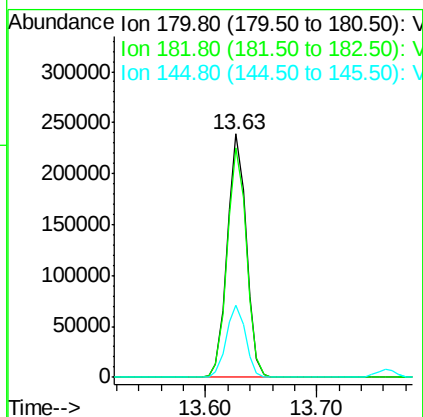
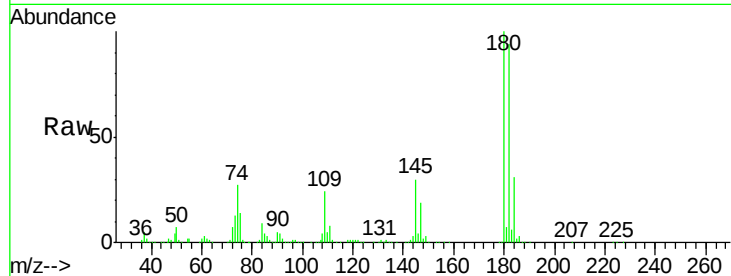
#93
1,2,4-Trichlorobenzene
Concen: 58.731 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	282101		
182	95.6	47.7	143.1	
145	30.3	15.0	45.0	

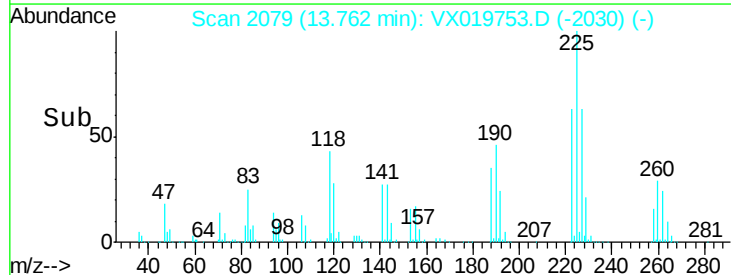
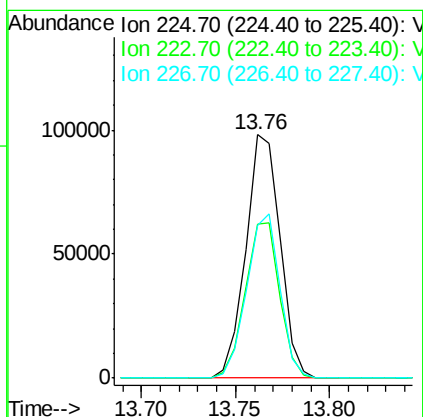
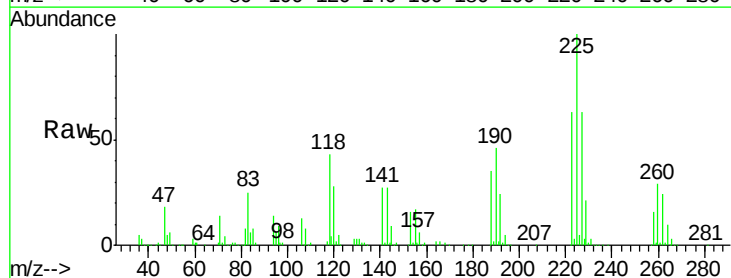
Manual Integrations
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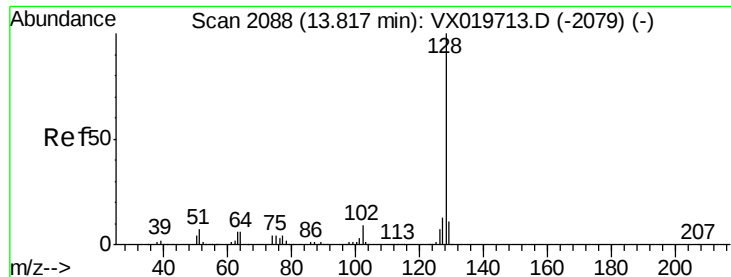
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#94
Hexachlorobutadiene
Concen: 57.604 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	123667		
223	64.2	31.1	93.2	
227	65.1	31.6	95.0	





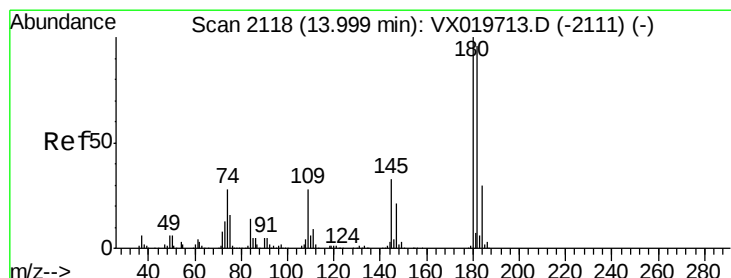
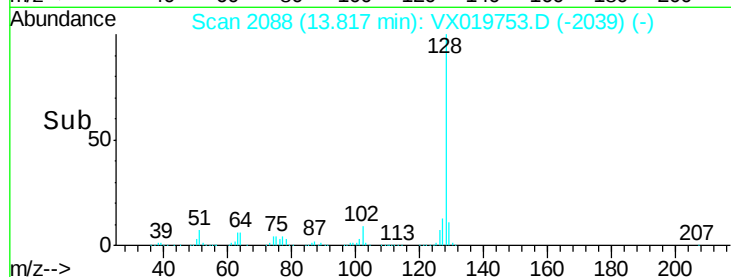
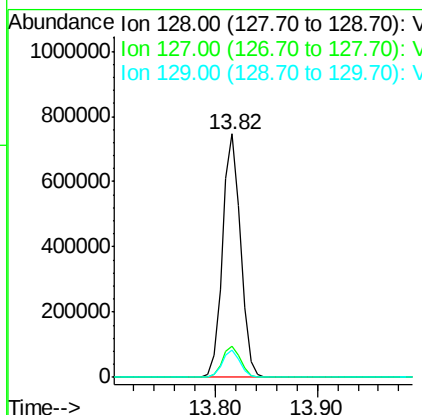
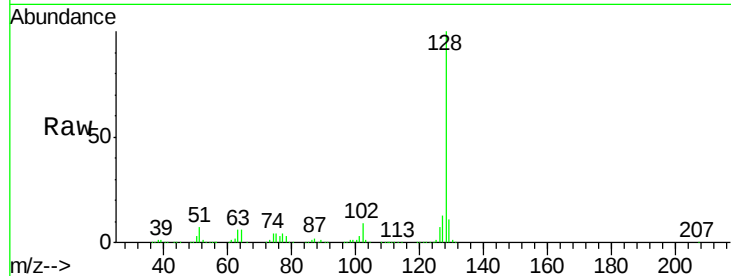
#95
Naphthalene
Concen: 58.869 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.1	8.8	13.2

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 58.234 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.6	142.9
145	32.3	16.1	48.3

