

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120720\
 Data File : VX019746.D
 Acq On : 07 Dec 2020 11:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Dec 08 05:59:55 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	313913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	496749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	460069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	236642	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	189060	45.82	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.64%
35) Dibromofluoromethane	5.46	113	153908	47.94	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.88%
50) Toluene-d8	8.69	98	605245	49.38	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.76%
62) 4-Bromofluorobenzene	11.12	95	235519	50.49	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.98%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	157484	54.796	ug/l 100
3) Chloromethane	1.31	50	164069	48.541	ug/l 100
4) Vinyl Chloride	1.39	62	191777	53.811	ug/l 99
5) Bromomethane	1.62	94	71114	60.095	ug/l 100
6) Chloroethane	1.70	64	120125	56.110	ug/l 99
7) Trichlorofluoromethane	1.92	101	268995	54.197	ug/l 97
8) Diethyl Ether	2.17	74	111905	53.205	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	155877	54.792	ug/l 99
10) Methyl Iodide	2.49	142	197966	47.210	ug/l 98
11) Tert butyl alcohol	3.01	59	230845	272.396	ug/l 100
12) 1,1-Dichloroethene	2.36	96	155510	54.069	ug/l 98
13) Acrolein	2.27	56	129968	285.391	ug/l 99
14) Allyl chloride	2.70	41	258168	53.148	ug/l 99
15) Acrylonitrile	3.11	53	495930	265.895	ug/l 100
16) Acetone	2.42	43	435749	280.990	ug/l 100
17) Carbon Disulfide	2.55	76	426062	51.628	ug/l 100
18) Methyl Acetate	2.75	43	204949	54.007	ug/l 99
19) Methyl tert-butyl Ether	3.16	73	573491	54.752	ug/l 99
20) Methylene Chloride	2.83	84	190005	53.776	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	180785	53.915	ug/l 99
22) Diisopropyl ether	3.82	45	530710	54.037	ug/l 97
23) Vinyl Acetate	3.78	43	2299792	274.858	ug/l 100
24) 1,1-Dichloroethane	3.67	63	315145	53.212	ug/l 100
25) 2-Butanone	4.62	43	653898	274.412	ug/l 99
26) 2,2-Dichloropropane	4.54	77	280162	54.931	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	209139	53.297	ug/l 98
28) Bromochloromethane	4.97	49	134509	47.643	ug/l 98
29) Tetrahydrofuran	5.08	42	409858	266.961	ug/l 100
30) Chloroform	5.17	83	327340	53.753	ug/l 99
31) Cyclohexane	5.54	56	278312	54.230	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	285982	54.532	ug/l 99
36) 1,1-Dichloropropene	5.76	75	245081	54.598	ug/l 100
37) Ethyl Acetate	4.78	43	247696	54.653	ug/l 99
38) Carbon Tetrachloride	5.74	117	246755	56.136	ug/l 99

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MMDadoda
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Quant Time: Dec 08 05:59:55 2020
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 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)
39) Methylcyclohexane	7.43	83	302257	57.313	ug/l	99
40) Benzene	6.10	78	748374	54.578	ug/l	100
41) Methacrylonitrile	4.99	41	138472	55.648	ug/l	99
42) 1,2-Dichloroethane	6.15	62	255810	54.603	ug/l	100
43) Isopropyl Acetate	6.40	43	404216	54.858	ug/l	100
44) Trichloroethene	7.18	130	196664	54.664	ug/l	100
45) 1,2-Dichloropropane	7.48	63	187409	54.686	ug/l	98
46) Dibromomethane	7.63	93	127746	55.199	ug/l	99
47) Bromodichloromethane	7.87	83	257670	56.109	ug/l	99
48) Methyl methacrylate	7.74	41	199988	55.186	ug/l	99
49) 1,4-Dioxane	7.71	88	98113	1117.628	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1263794	280.927	ug/l	100
52) Toluene	8.76	92	475785	55.479	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	291939	57.288	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	316031	57.083	ug/l	99
55) 1,1,2-Trichloroethane	9.19	97	191955	55.542	ug/l	98
56) Ethyl methacrylate	9.15	69	301574	57.675	ug/l	99
57) 1,3-Dichloropropane	9.35	76	321702	54.515	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	830895	299.960	ug/l	98
59) 2-Hexanone	9.47	43	1005120	288.244	ug/l	99
60) Dibromochloromethane	9.56	129	206042	58.680	ug/l	99
61) 1,2-Dibromoethane	9.65	107	203302	55.398	ug/l	99
64) Tetrachloroethene	9.32	164	173023	56.080	ug/l	96
65) Chlorobenzene	10.12	112	506958	55.309	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	187738	56.907	ug/l	99
67) Ethyl Benzene	10.23	91	915579	56.275	ug/l	99
68) m/p-Xylenes	10.34	106	696884	113.671	ug/l	100
69) o-Xylene	10.68	106	338608	57.416	ug/l	97
70) Styrene	10.70	104	577424	58.008	ug/l	99
71) Bromoform	10.84	173	156572	60.329	ug/l #	100
73) Isopropylbenzene	11.00	105	900716	55.712	ug/l	99
74) N-amyl acetate	10.88	43	354947	54.785	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	308436	54.112	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	293173m	55.238	ug/l	
77) Bromobenzene	11.24	156	228856	55.314	ug/l	97
78) n-propylbenzene	11.34	91	1041339	56.394	ug/l	100
79) 2-Chlorotoluene	11.40	91	624865	54.951	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	763839	55.981	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.05	75	109469	59.624	ug/l	97
82) 4-Chlorotoluene	11.49	91	733479	55.075	ug/l	99
83) tert-Butylbenzene	11.76	119	754595	56.388	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	778457	56.637	ug/l	100
85) sec-Butylbenzene	11.93	105	875008	57.270	ug/l	100
86) p-Isopropyltoluene	12.05	119	813212	58.076	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	408186	53.754	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	414116	53.543	ug/l	99
89) n-Butylbenzene	12.37	91	716361	57.744	ug/l	100
90) Hexachloroethane	12.58	117	142346	58.882	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	393484	53.156	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	65962	53.831	ug/l	99

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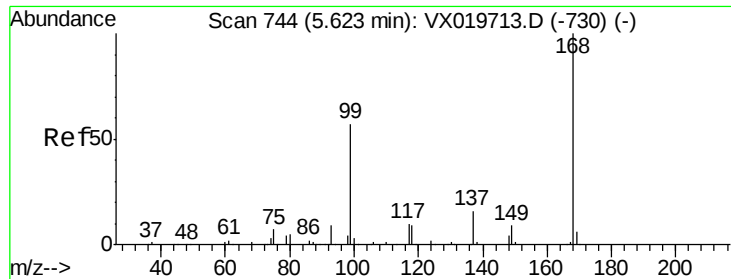
Manual Integrations
APPROVED

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

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	265316	55.060	ug/l	98
94) Hexachlorobutadiene	13.76	225	120581	55.987	ug/l	99
95) Naphthalene	13.82	128	880956	56.392	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	259437	55.091	ug/l	98

(#) = 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: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 313913

Ion Ratio Lower Upper

168 100

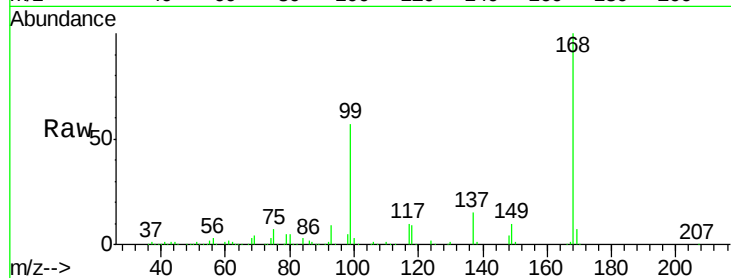
99 56.5 45.8 68.6

Manual Integrations

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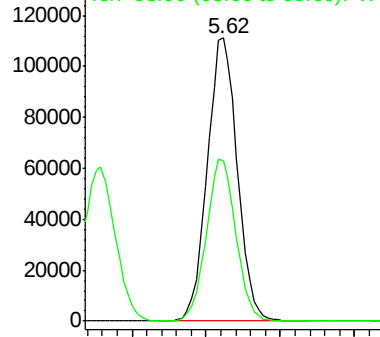
MMDadoda

12/8/2020 5:05:05 PM

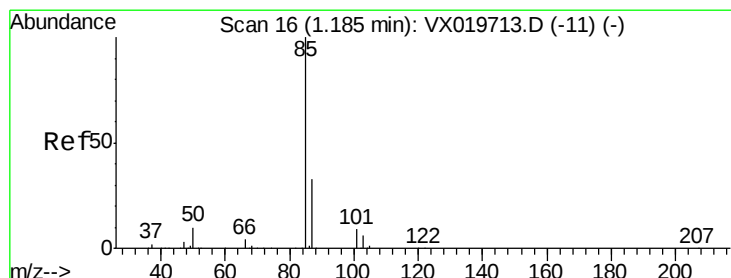
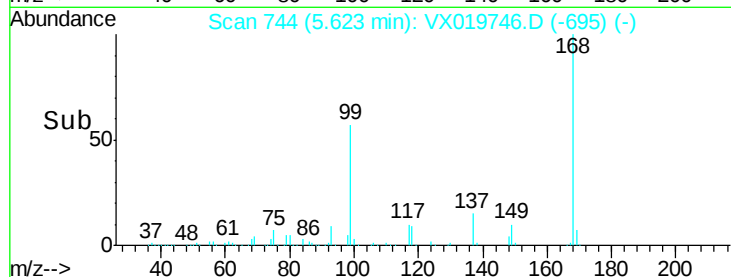


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#2

Dichlorodifluoromethane

Concen: 54.796 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019746.D

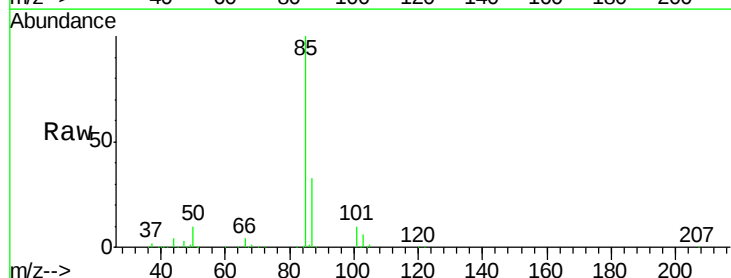
Acq: 07 Dec 2020 11:47

Tgt Ion: 85 Resp: 157484

Ion Ratio Lower Upper

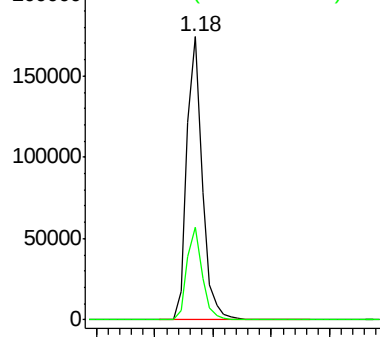
85 100

87 32.7 16.4 49.2

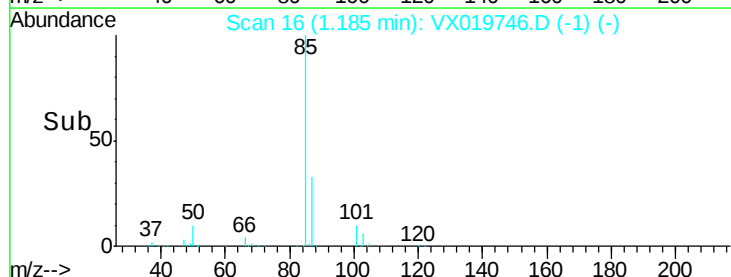


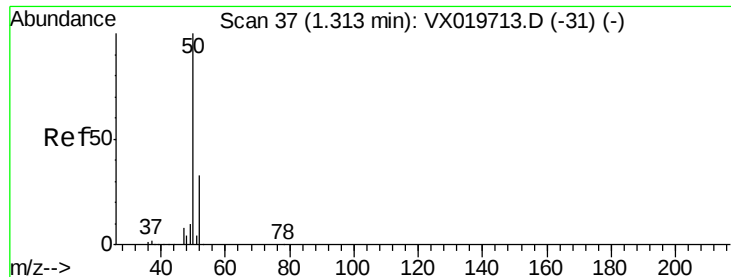
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0



Time-->





#3

Chloromethane

Concen: 48.541 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 164069

Ion Ratio Lower Upper

50 100

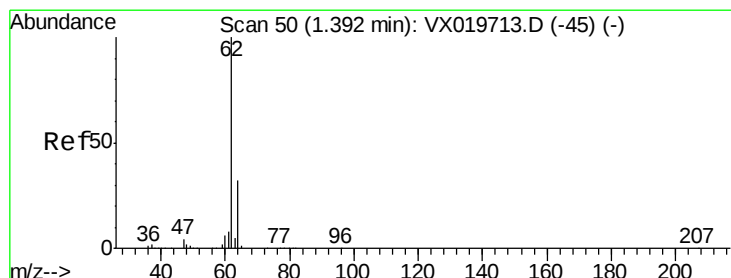
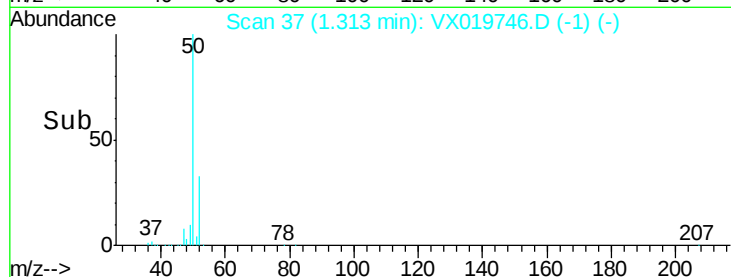
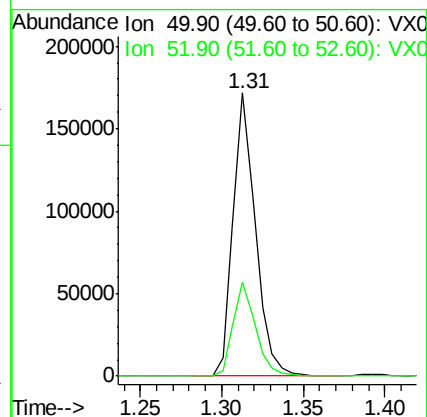
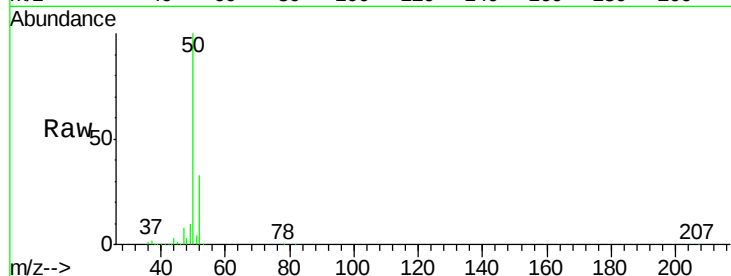
52 33.2 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.811 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019746.D

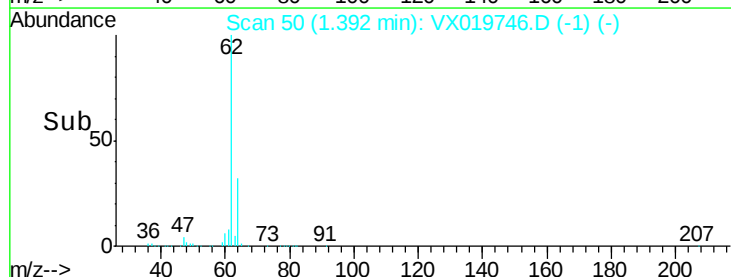
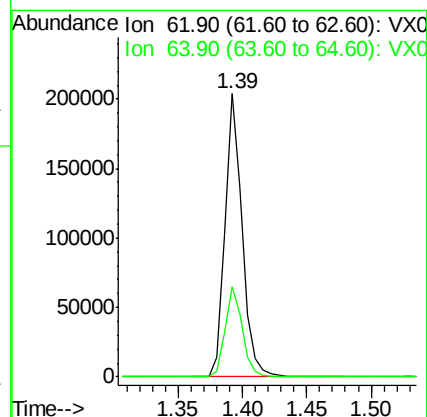
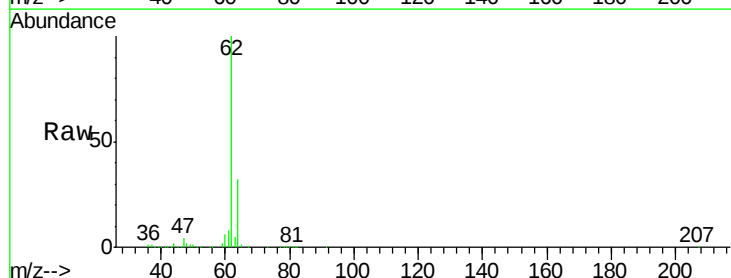
Acq: 07 Dec 2020 11:47

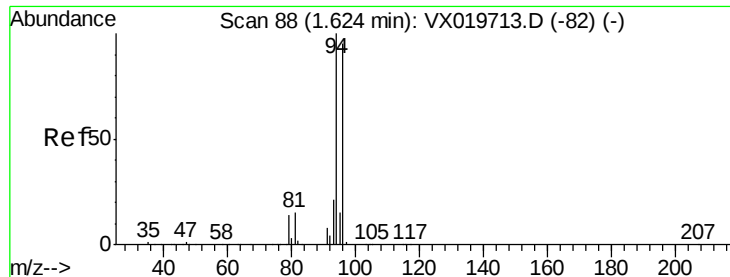
Tgt Ion: 62 Resp: 191777

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 60.095 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 71114

Ion Ratio Lower Upper

94 100

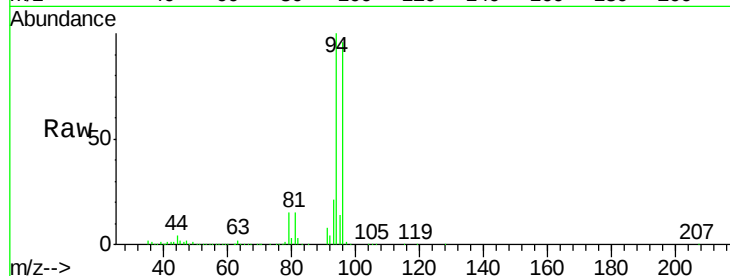
96 95.9 76.4 114.6

Manual Integrations

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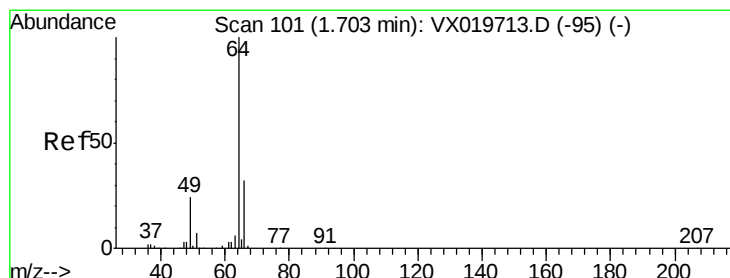
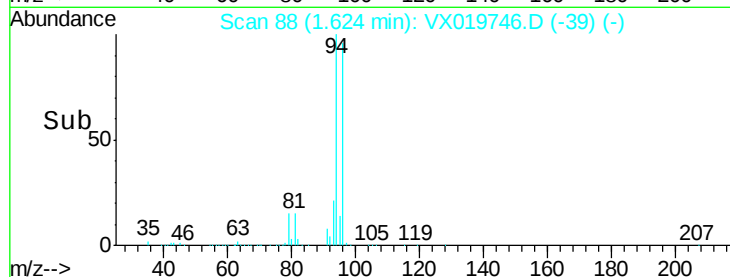
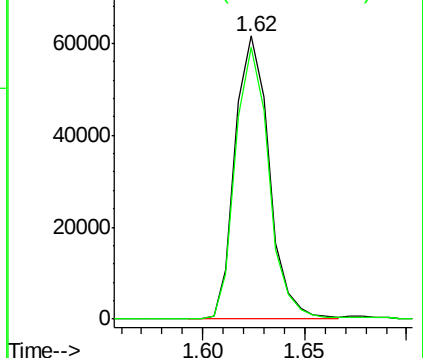
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.110 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX019746.D

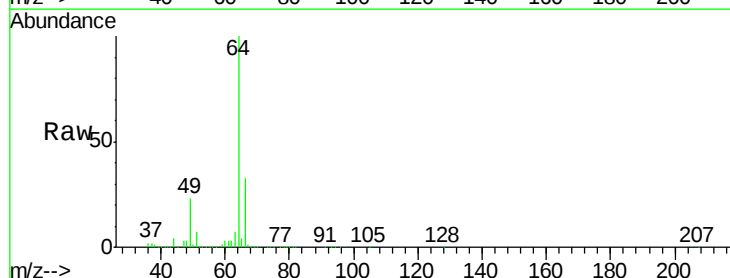
Acq: 07 Dec 2020 11:47

Tgt Ion: 64 Resp: 120125

Ion Ratio Lower Upper

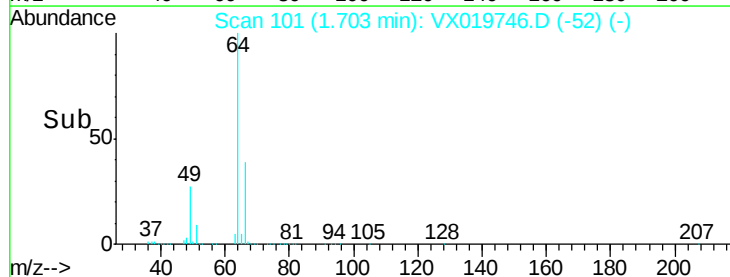
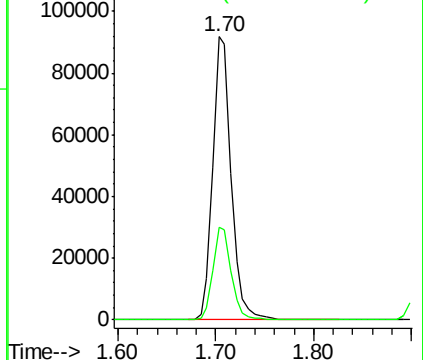
64 100

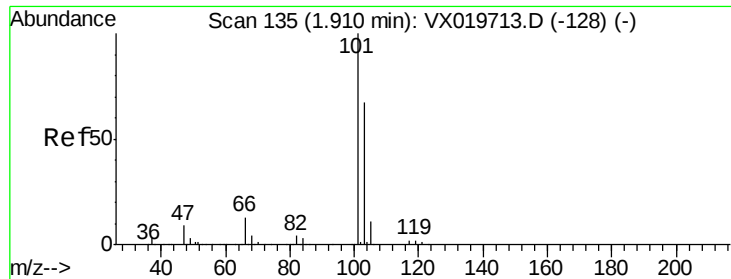
66 32.5 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

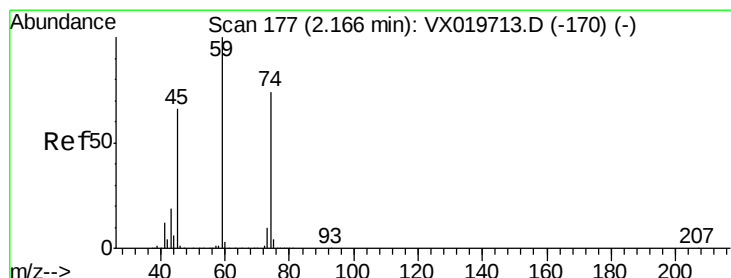
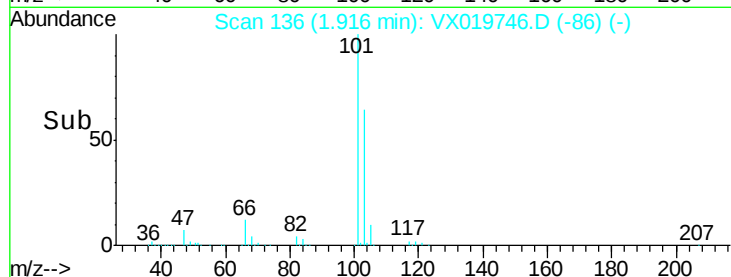
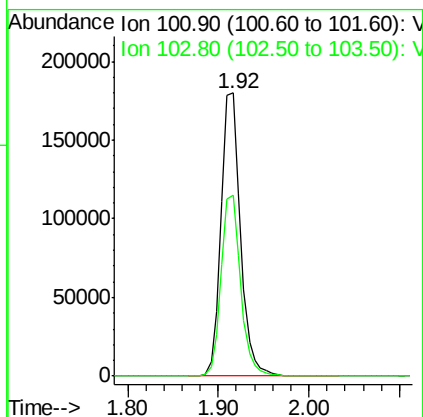
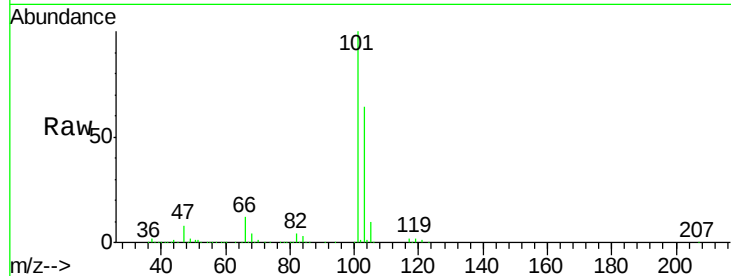
Trichlorofluoromethane
Concen: 54.197 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	268995		
103	63.9	53.2	79.8	

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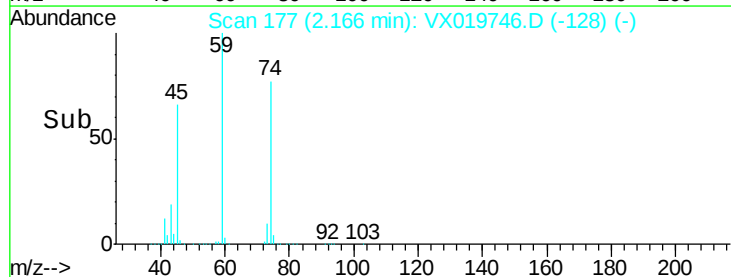
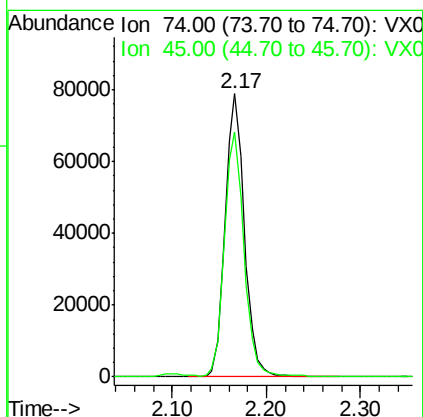
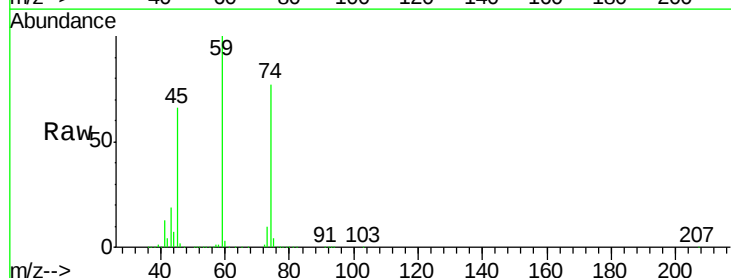
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12/8/2020 5:05:05 PM

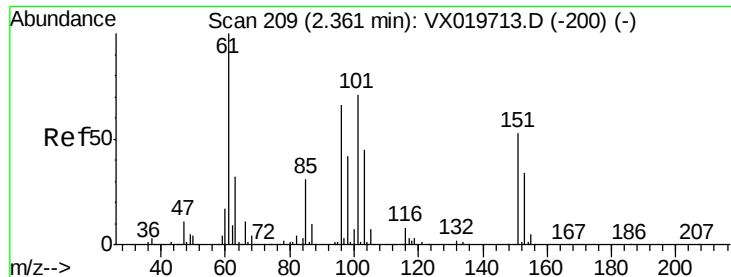


#8

Diethyl Ether
Concen: 53.205 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	111905		
45	88.0	44.5	133.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.792 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

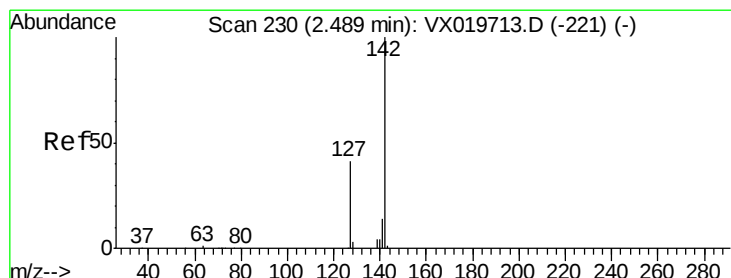
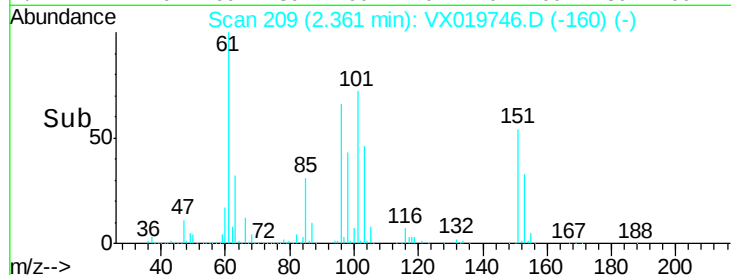
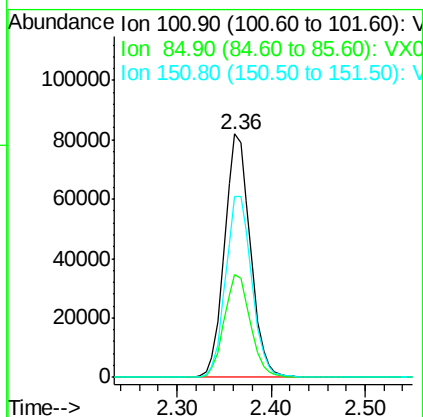
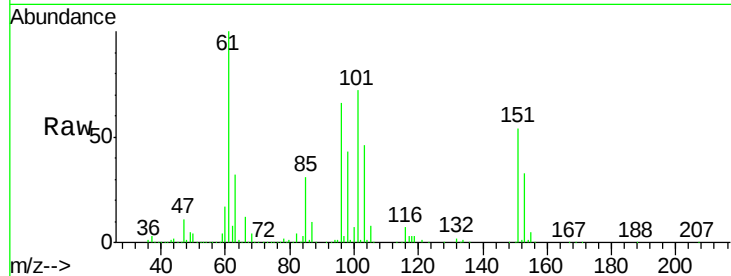
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	155877
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.9	52.3
151	75.7	61.4	92.2

Manual Integrations
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#10

Methyl Iodide

Concen: 47.210 ug/l

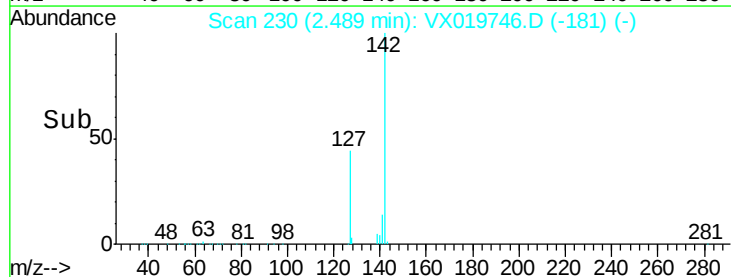
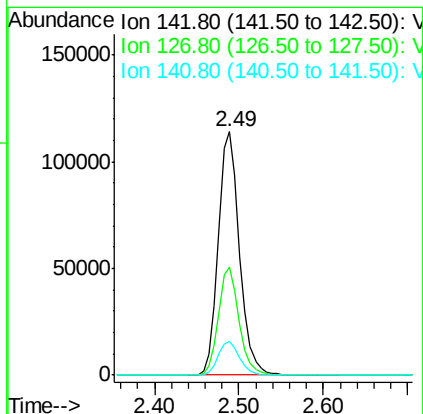
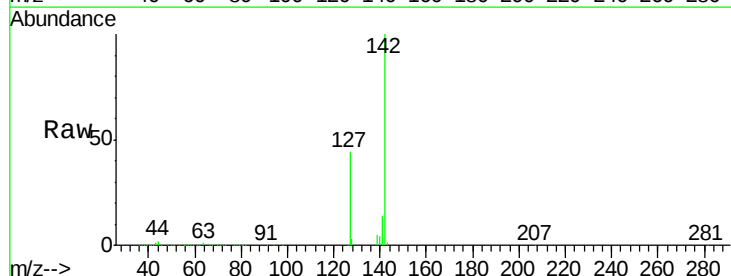
RT: 2.49 min Scan# 230

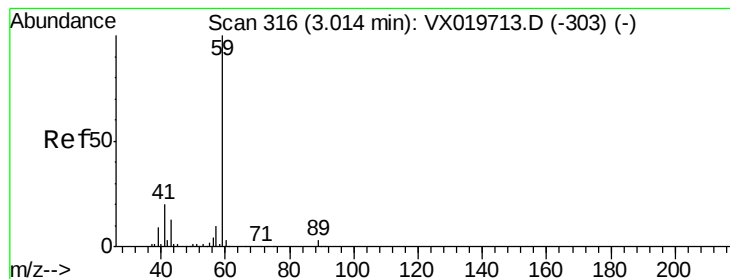
Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Tgt Ion:	142	Resp:	197966
Ion Ratio	Lower	Upper	
142	100		
127	43.2	33.3	49.9
141	14.1	11.4	17.0





#11

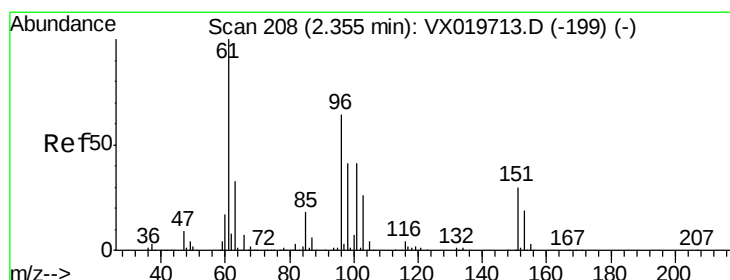
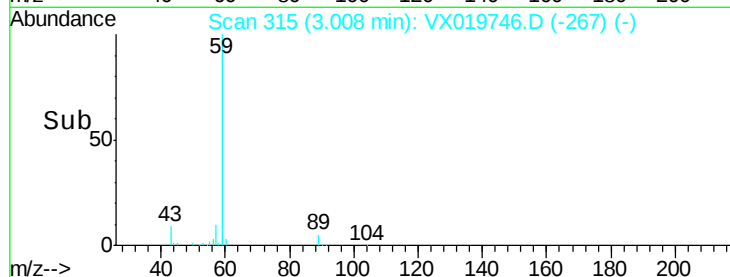
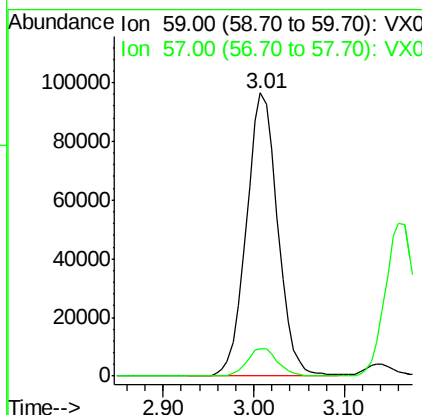
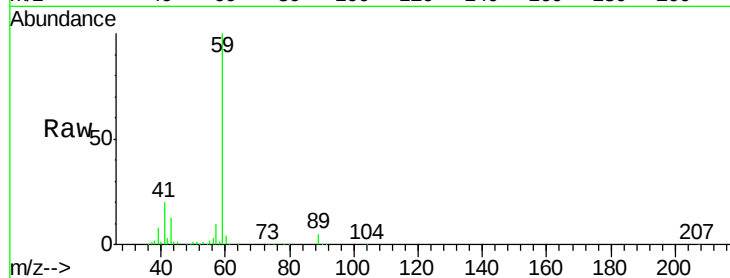
Tert butyl alcohol
Concen: 272.396 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	57	Ratio	100	9.7	Resp	230845	Lower	7.8	Upper	11.8
Ion	59	57	Ratio	100	9.7	Resp	230845	Lower	7.8	Upper	11.8

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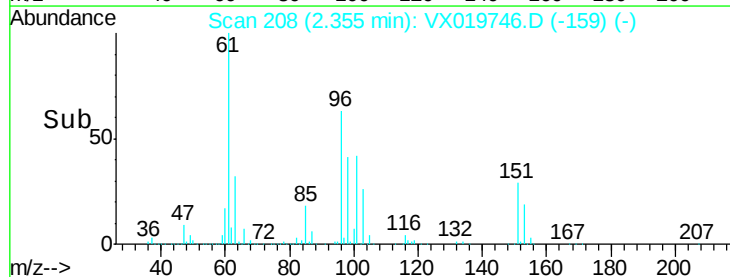
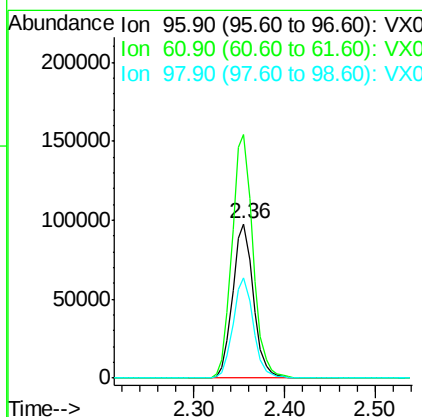
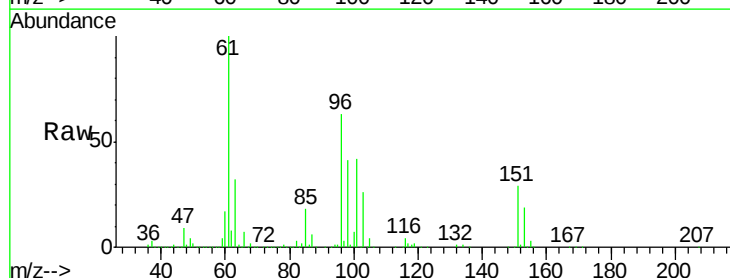
MMDadoda
12/8/2020 5:05:05 PM

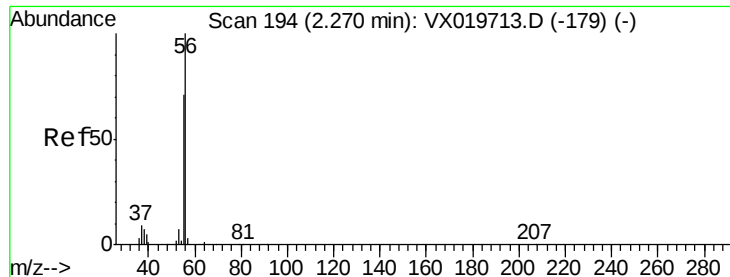


#12

1,1-Dichloroethene
Concen: 54.069 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion	96	61	98	Ratio	100	157.9	64.8	Resp	155510	Lower	124.6	50.6	Upper	187.0	76.0
Ion	96	61	98	Ratio	100	157.9	64.8	Resp	155510	Lower	124.6	50.6	Upper	187.0	76.0





#13

Acrolein

Concen: 285.391 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 129968

Ion Ratio Lower Upper

56 100

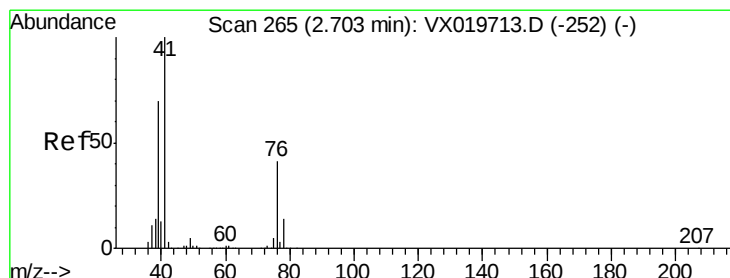
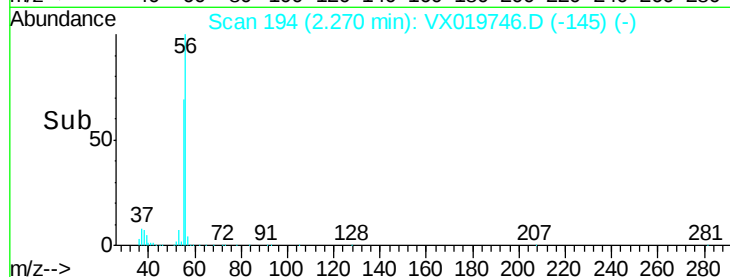
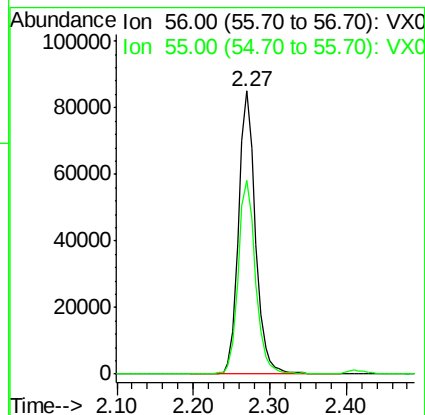
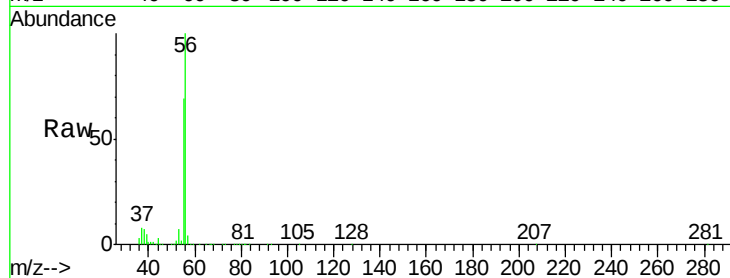
55 69.9 56.4 84.6

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 53.148 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

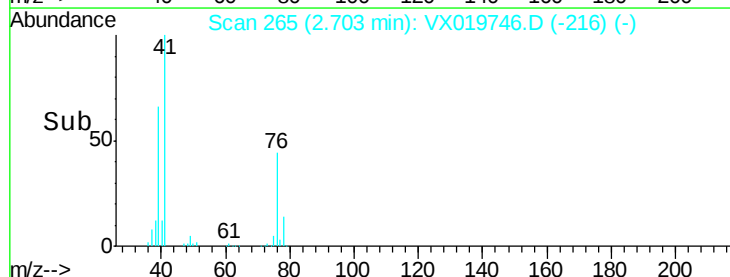
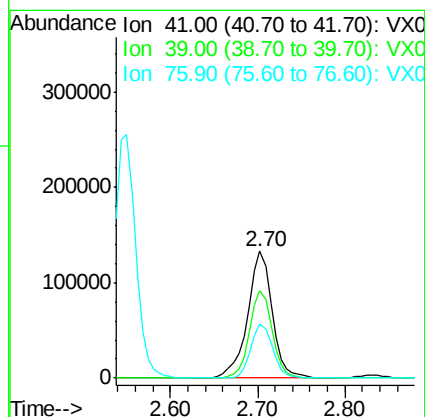
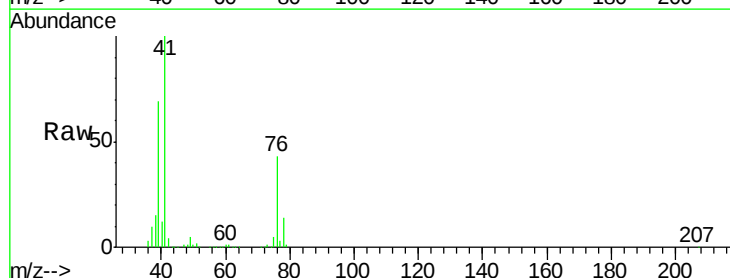
Tgt Ion: 41 Resp: 258168

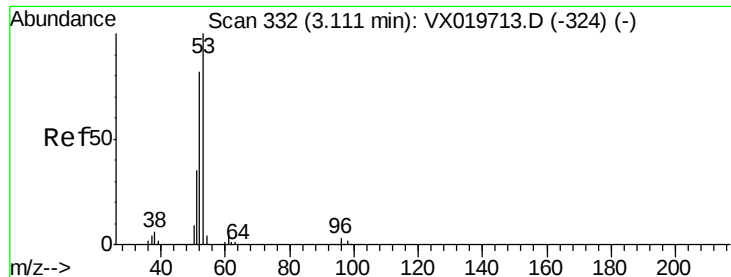
Ion Ratio Lower Upper

41 100

39 63.8 51.6 77.4

76 38.1 30.5 45.7





#15

Acrylonitrile

Concen: 265.895 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

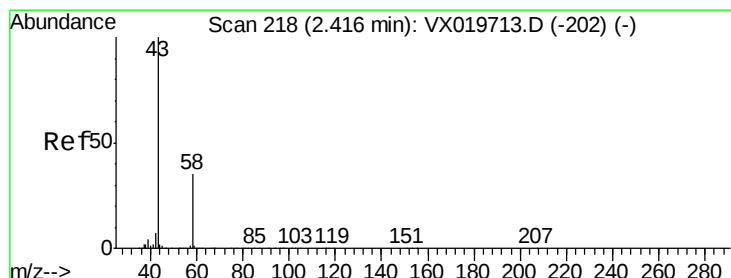
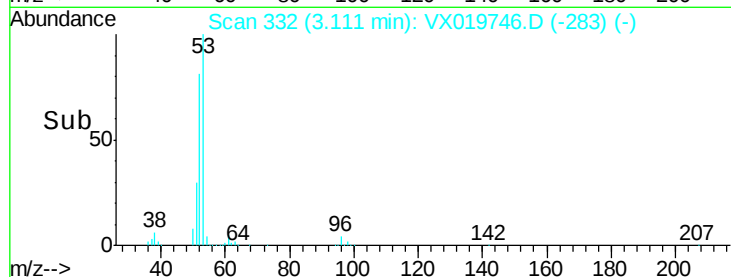
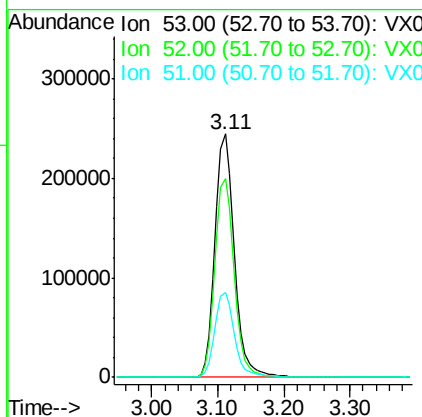
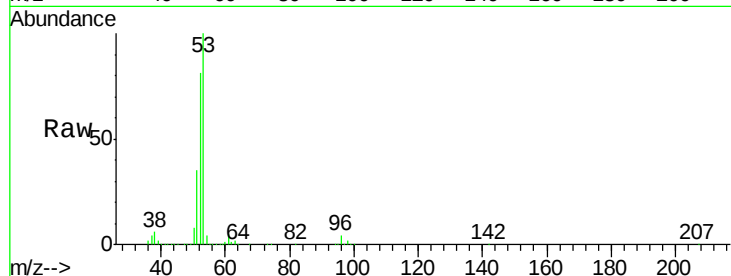
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	495930
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.3	97.9
51	35.3	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 280.990 ug/l

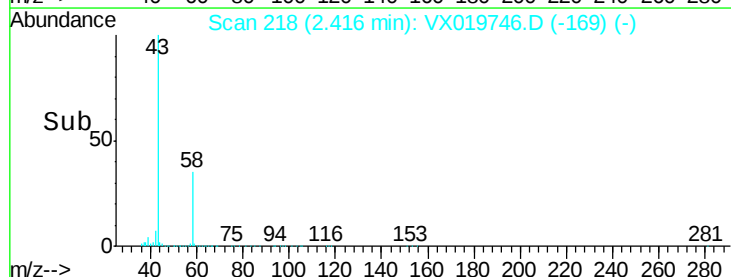
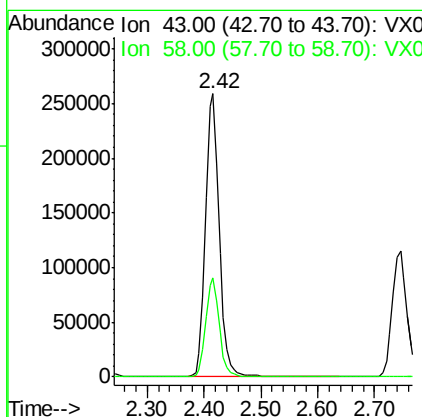
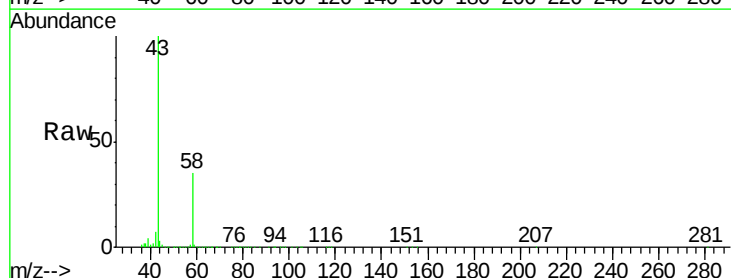
RT: 2.42 min Scan# 218

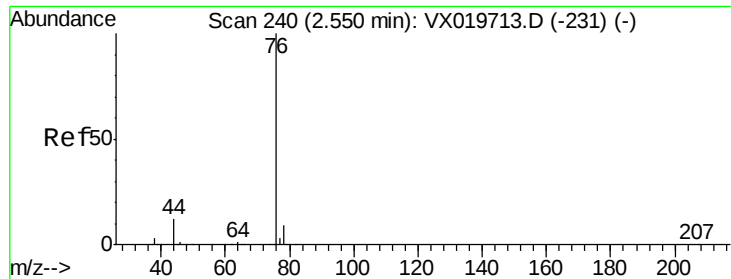
Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Tgt Ion:	43	Resp:	435749
Ion	Ratio	Lower	Upper
43	100		
58	35.0	27.8	41.8





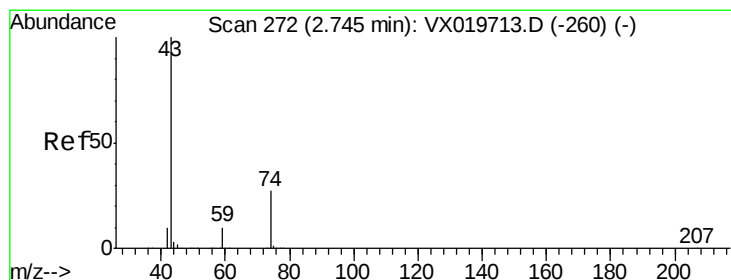
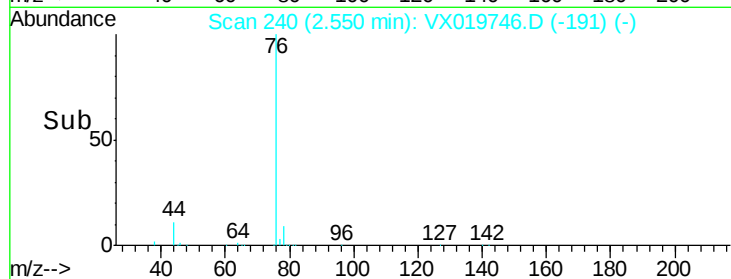
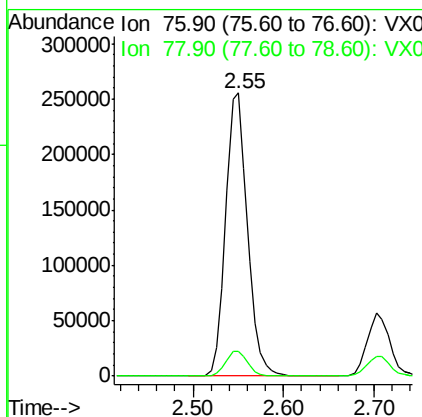
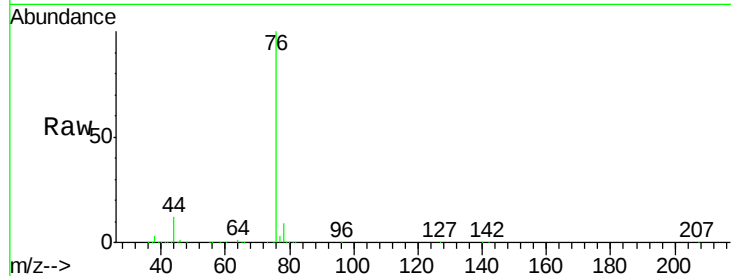
#17
Carbon Disulfide
Concen: 51.628 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

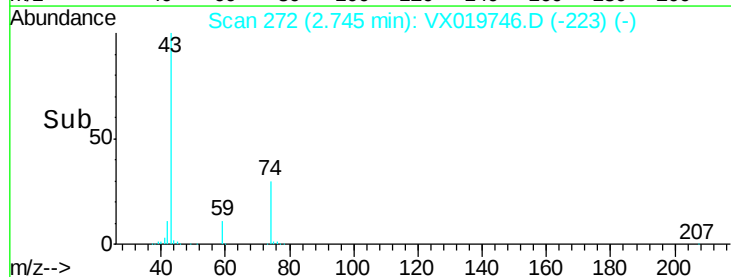
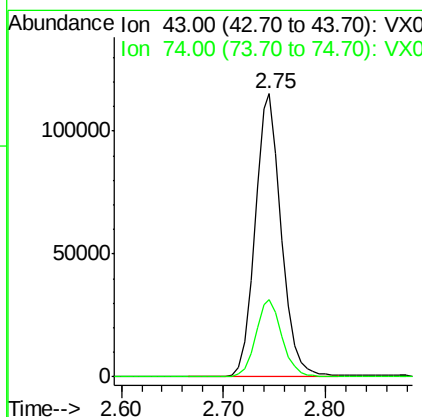
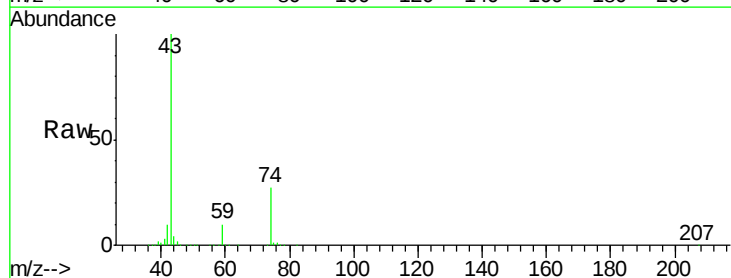
Manual Integrations
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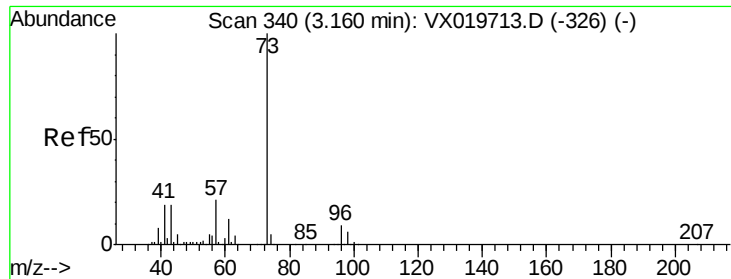
MMDadoda
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#18
Methyl Acetate
Concen: 54.007 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.0	21.9	32.9





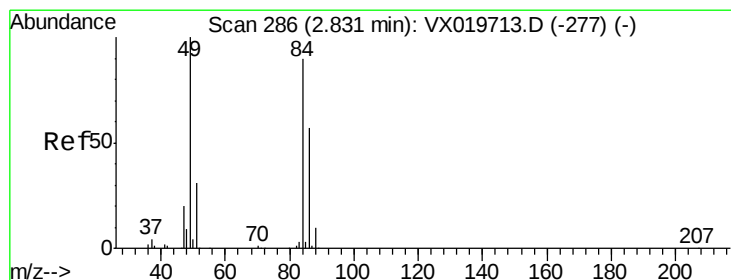
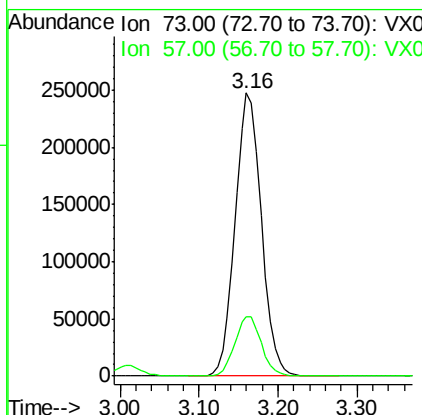
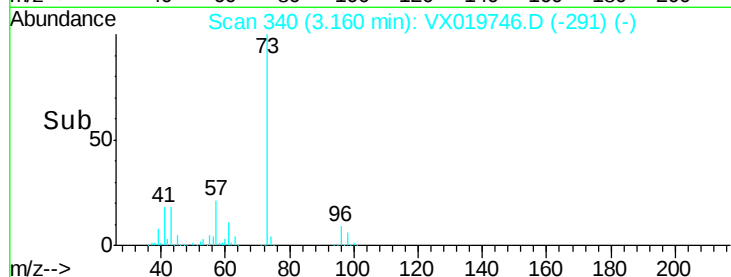
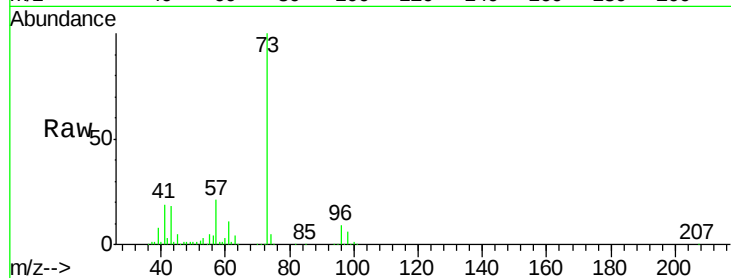
#19
Methvl tert-butvl Ether
Concen: 54.752 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.1	25.7

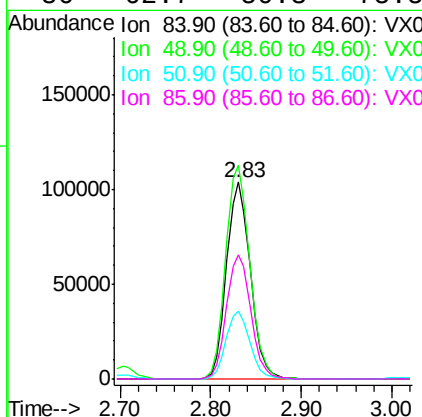
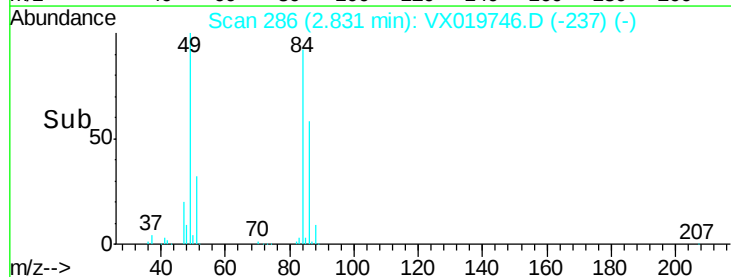
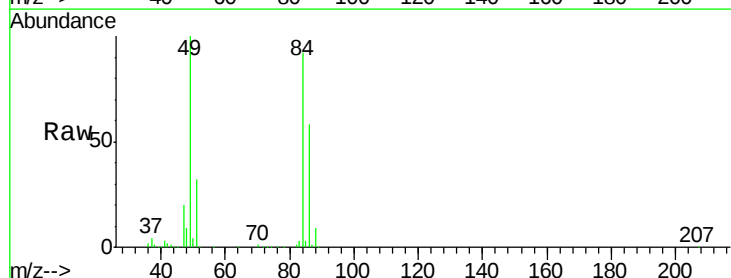
Manual Integrations
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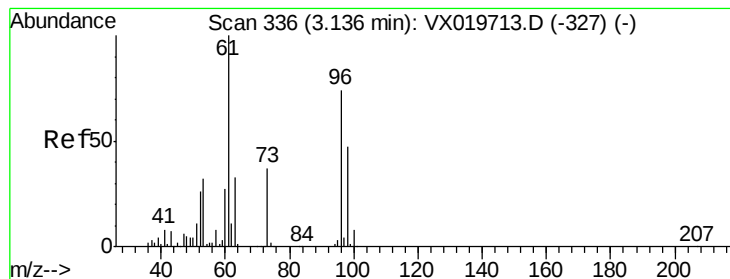
MMDadoda
12/8/2020 5:05:05 PM



#20
Methylene Chloride
Concen: 53.776 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.4	88.6	132.8
51	34.6	27.0	40.6
86	62.7	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 53.915 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 180785

Ion Ratio Lower Upper

96 100

61 134.4 107.7 161.5

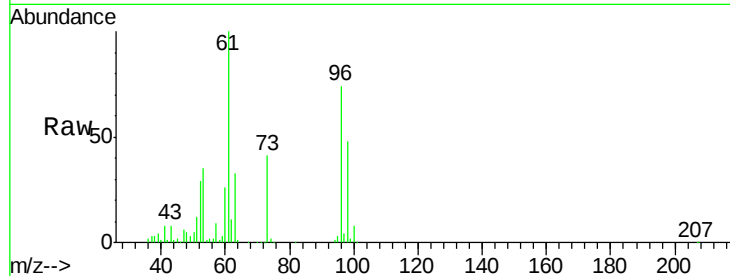
98 64.8 50.4 75.6

Manual Integrations

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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

150000

100000

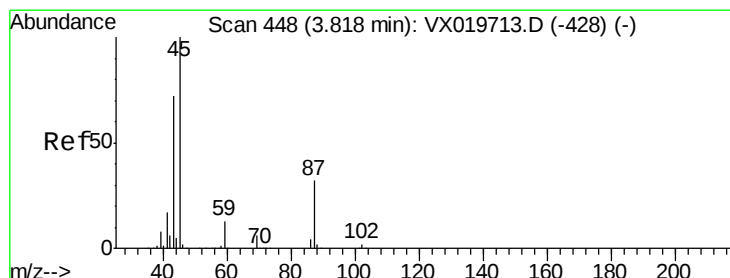
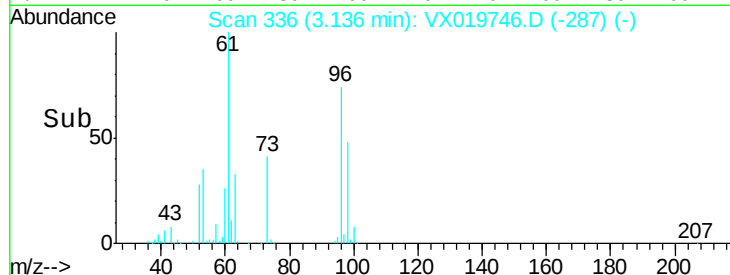
50000

0

3.14

3.00 3.10 3.20 3.30

Time-->



#22

Diisopropyl ether

Concen: 54.037 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Tgt Ion: 45 Resp: 530710

Ion Ratio Lower Upper

45 100

43 69.2 58.0 87.0

87 31.5 25.4 38.0

59 12.8 10.2 15.2

Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

1000000

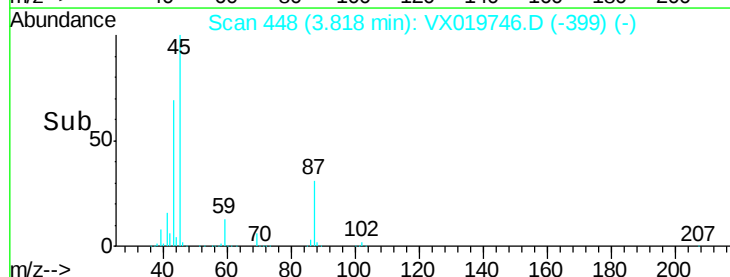
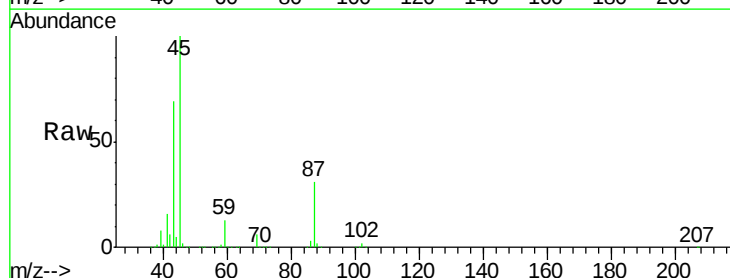
500000

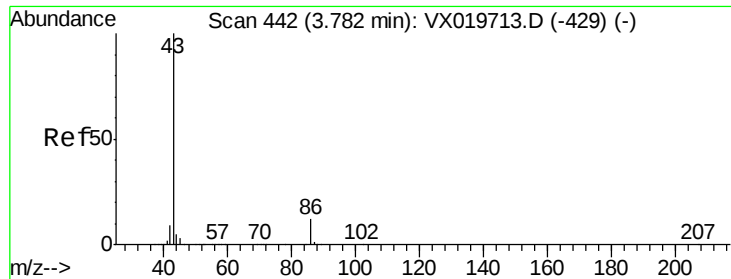
0

3.82

3.60 3.80 4.00

Time-->





#23

Vinyl Acetate

Concen: 274.858 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2299792

Ion Ratio Lower Upper

43 100

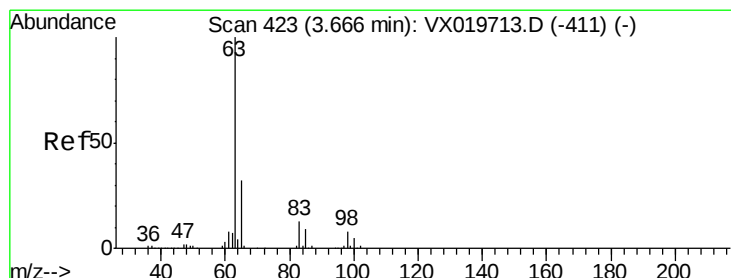
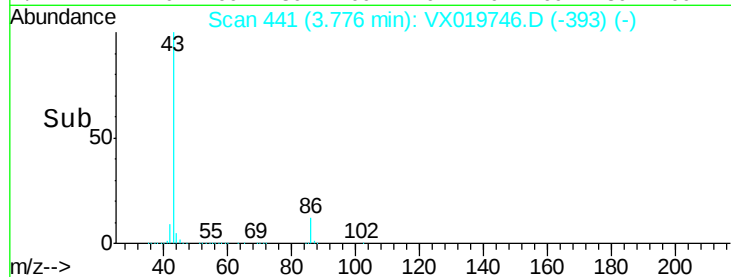
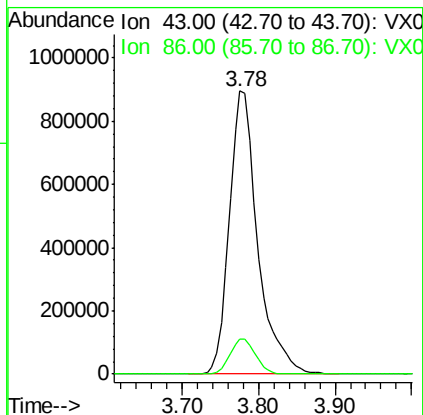
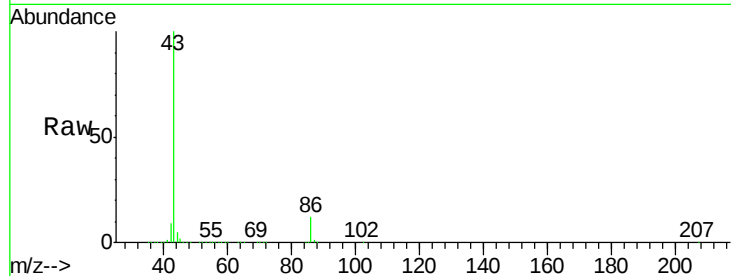
86 12.5 9.9 14.9

Manual Integrations

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MMDadoda

12/8/2020 5:05:05 PM



#24

1,1-Dichloroethane

Concen: 53.212 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

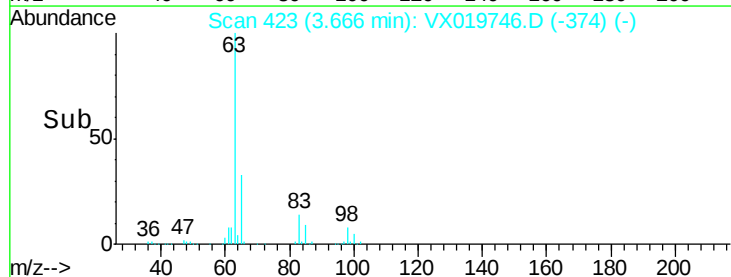
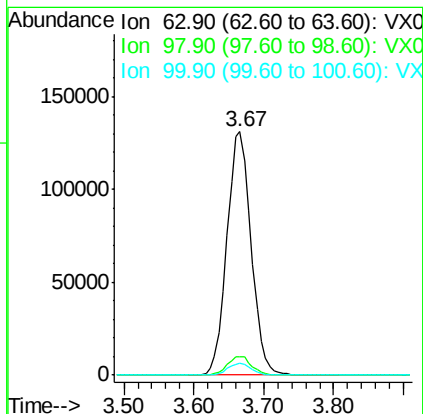
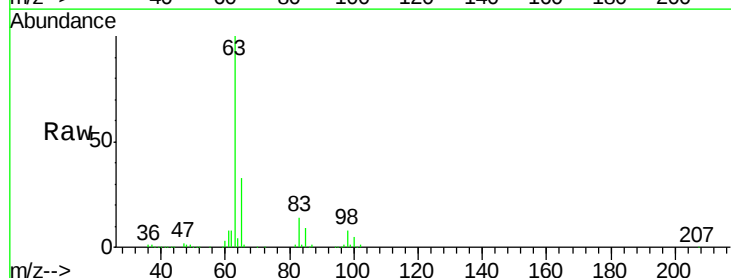
Tgt Ion: 63 Resp: 315145

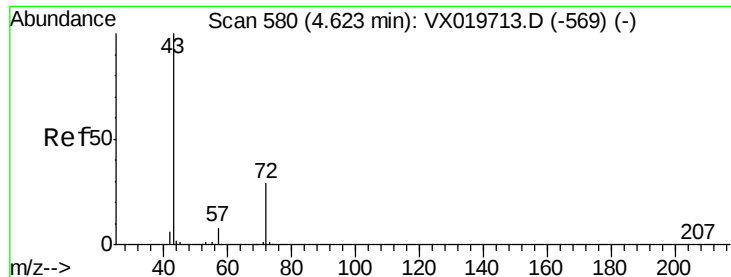
Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.2

100 5.0 2.5 7.5





#25

2-Butanone

Concen: 274.412 ug/l

RT: 4.62 min Scan# 580

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 653898

Ion Ratio Lower Upper

43 100

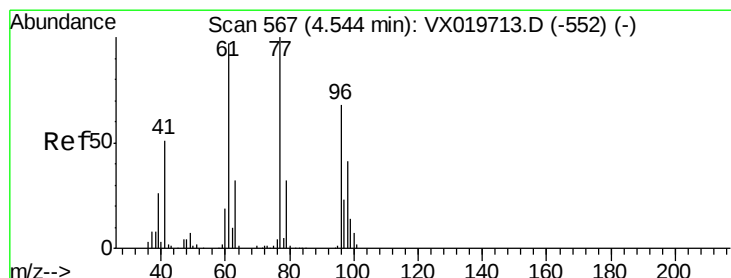
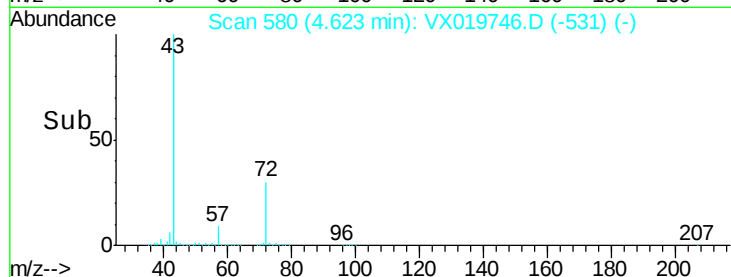
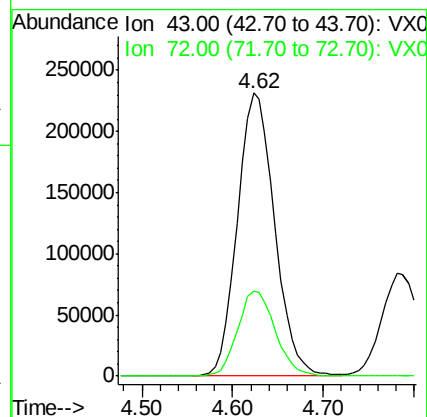
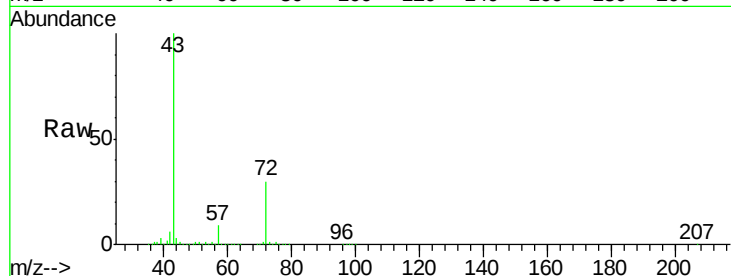
72 29.9 23.7 35.5

Manual Integrations

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MMDadoda

12/8/2020 5:05:05 PM



#26

2,2-Dichloropropane

Concen: 54.931 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019746.D

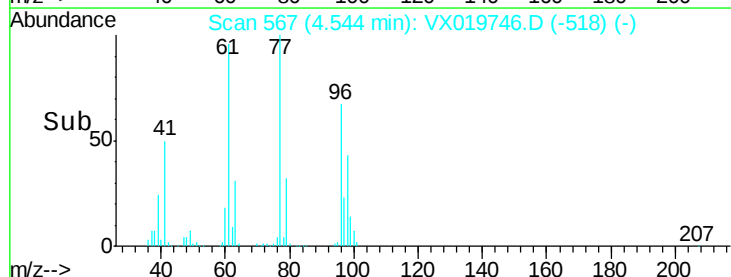
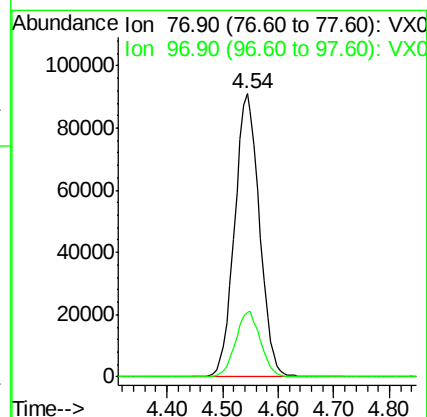
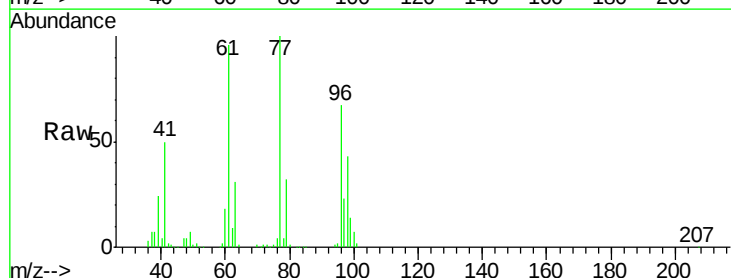
Acq: 07 Dec 2020 11:47

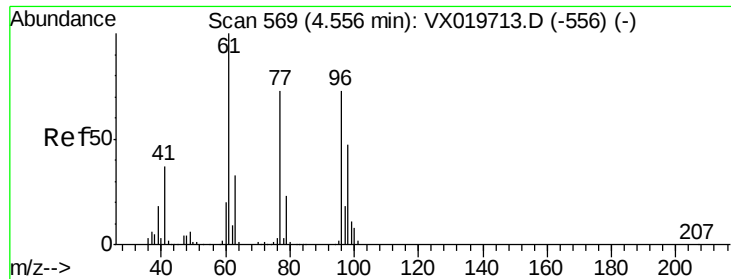
Tgt Ion: 77 Resp: 280162

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.1





#27

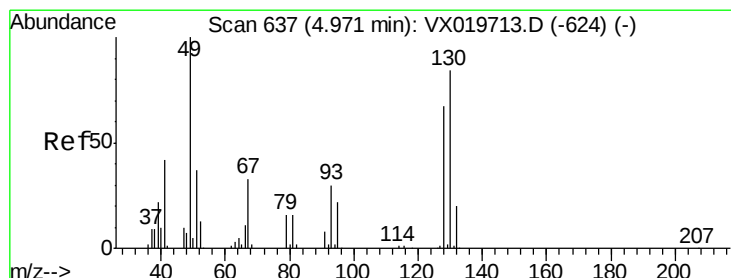
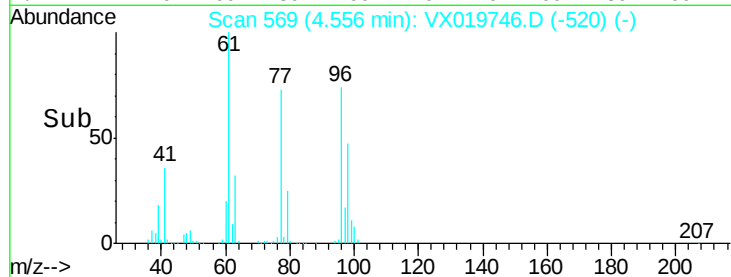
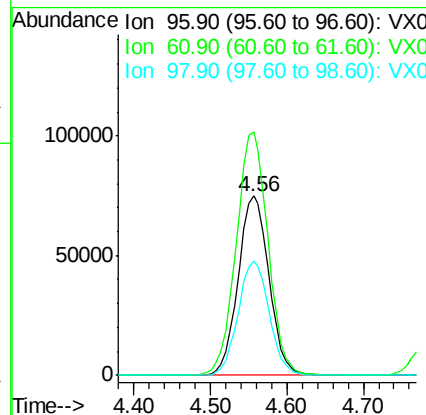
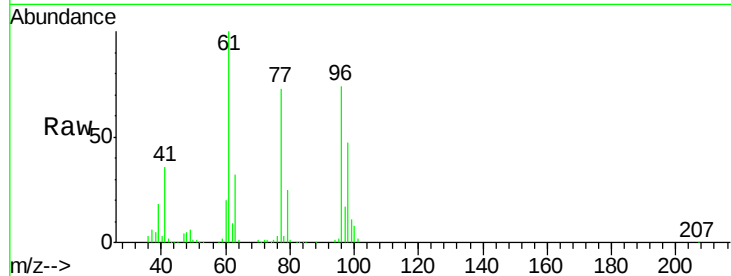
cis-1,2-Dichloroethene
Concen: 53.297 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	209139		
61	140.3	0.0	285.6	
98	64.2	0.0	129.6	

Manual Integrations
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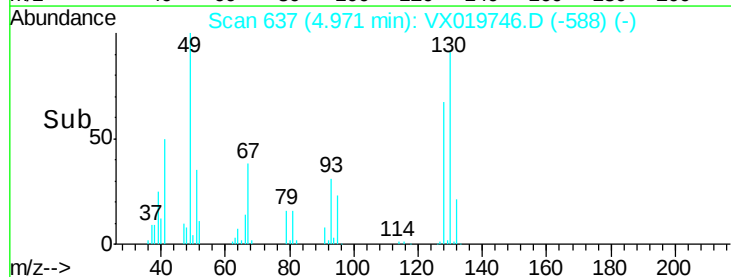
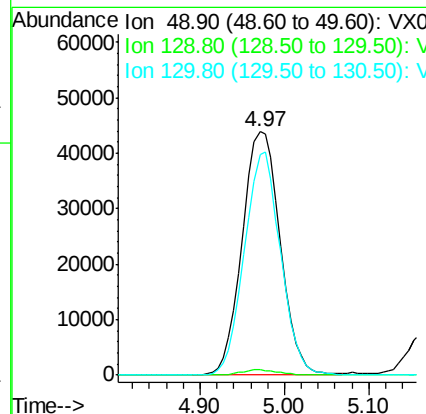
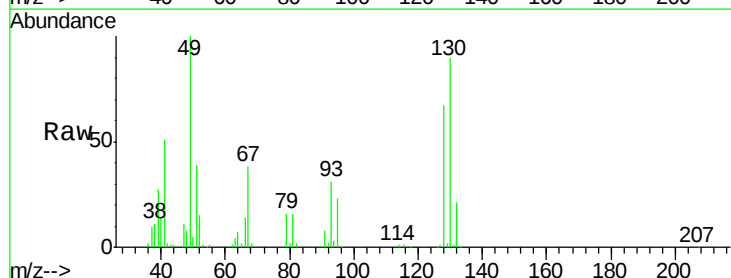
MMDadoda
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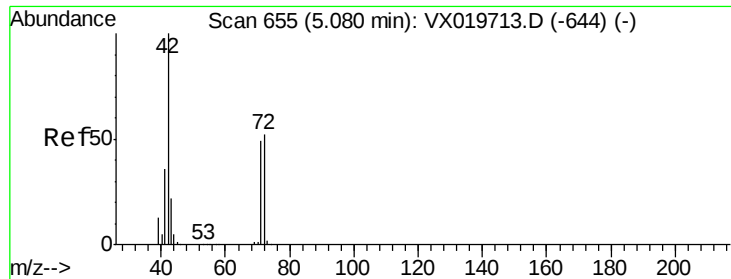


#28

Bromochloromethane
Concen: 47.643 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	134509		
129	2.1	0.0	4.0	
130	87.3	68.2	102.2	





#29

Tetrahydrofuran

Concen: 266.961 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

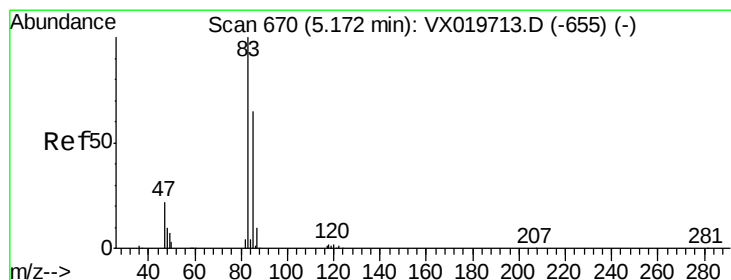
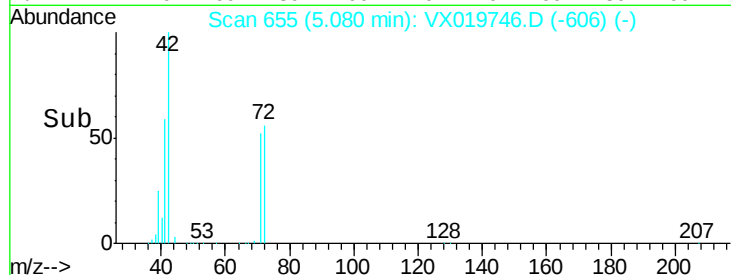
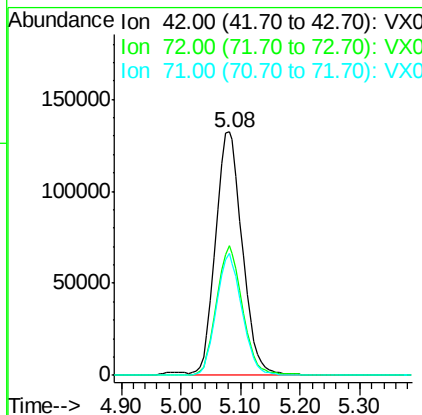
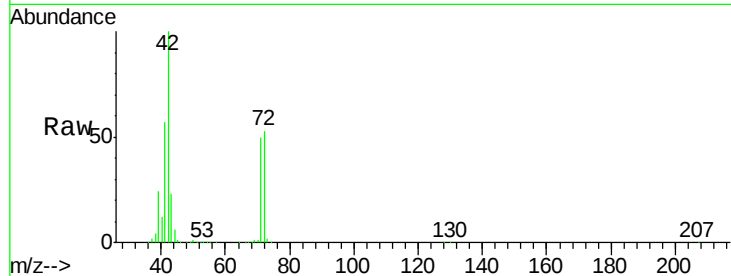
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	409858
Ion	Ratio	Lower	Upper
42	100		
72	52.2	41.7	62.5
71	48.1	38.4	57.6

Manual Integrations
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#30

Chloroform

Concen: 53.753 ug/l

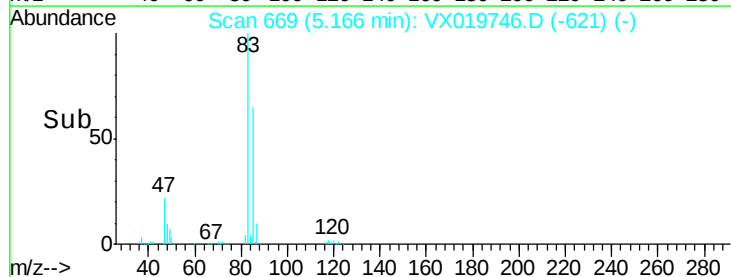
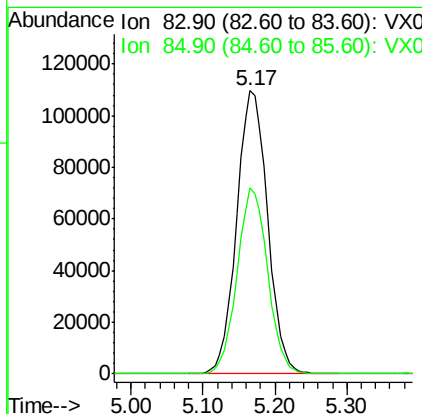
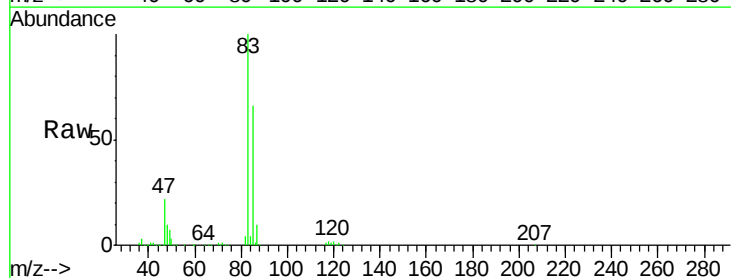
RT: 5.17 min Scan# 669

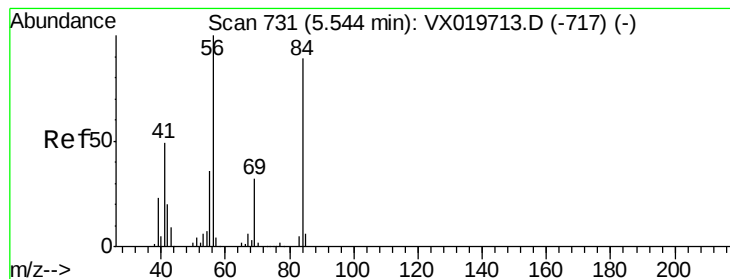
Delta R.T. -0.01 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Tgt Ion:	83	Resp:	327340
Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.0	78.0





#31

Cyclohexane

Concen: 54.230 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

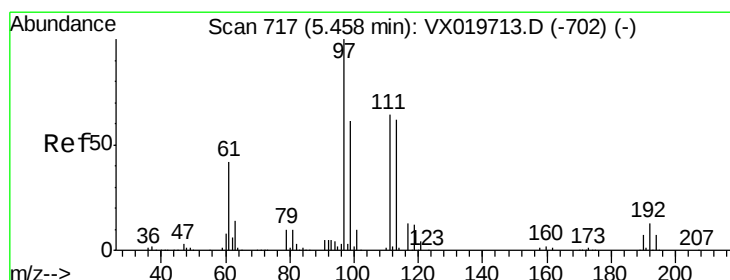
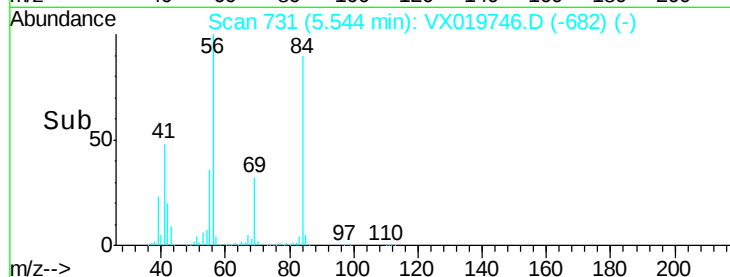
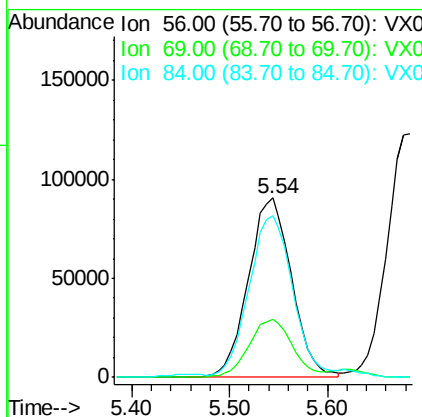
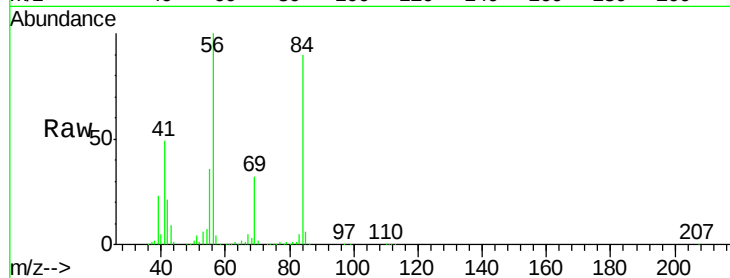
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	278312
Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.3	37.9
84	88.7	71.4	107.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 54.532 ug/l

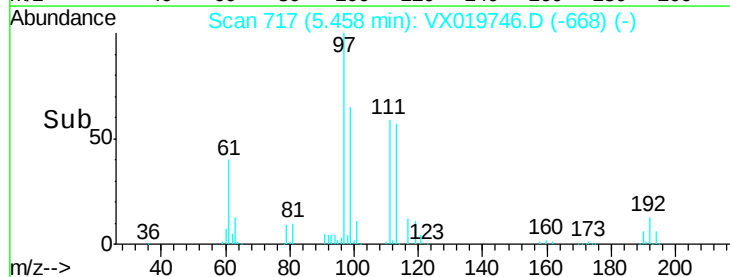
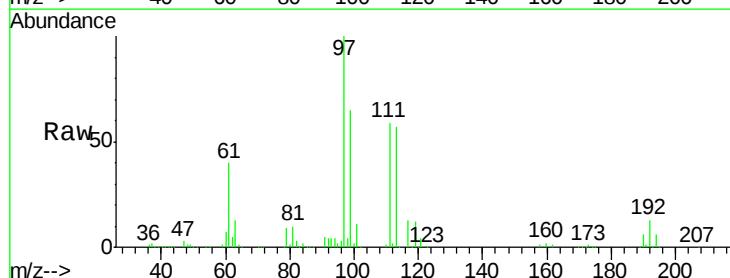
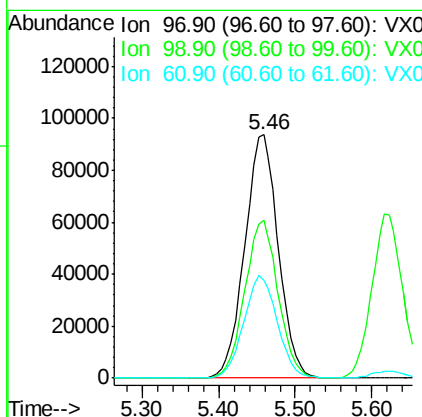
RT: 5.46 min Scan# 717

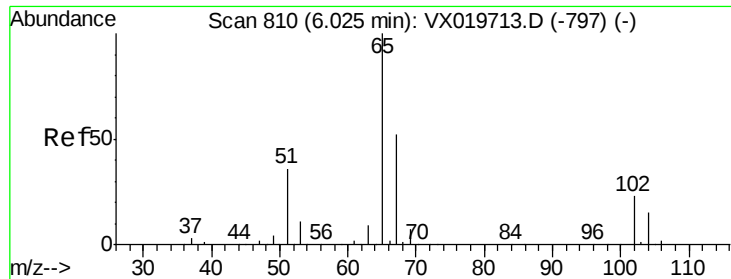
Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Tgt Ion:	97	Resp:	285982
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.5	77.3
61	42.0	34.2	51.4





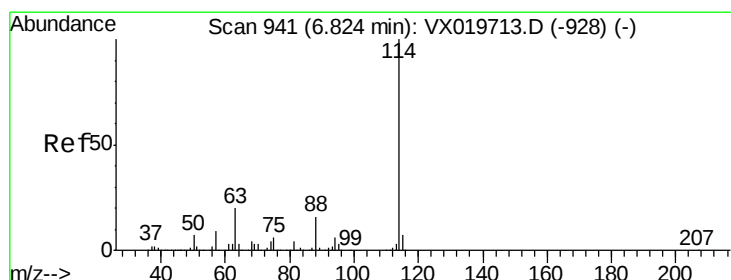
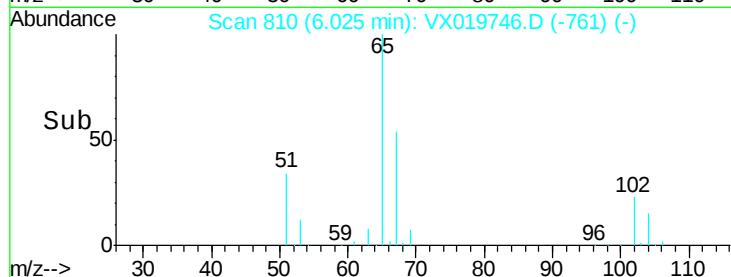
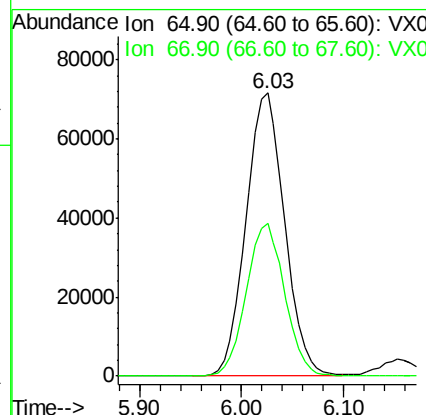
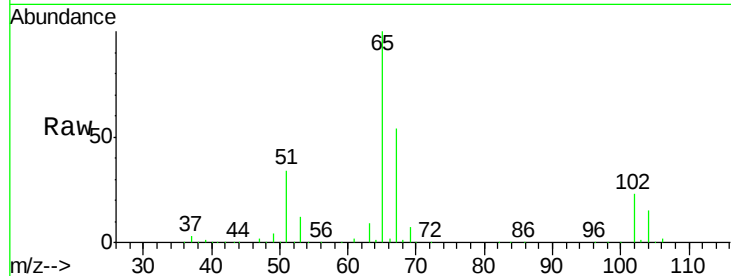
#33
 1,2-Dichloroethane-d4
 Concen: 45.825 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	189060		
67	53.7	0.0	105.4	

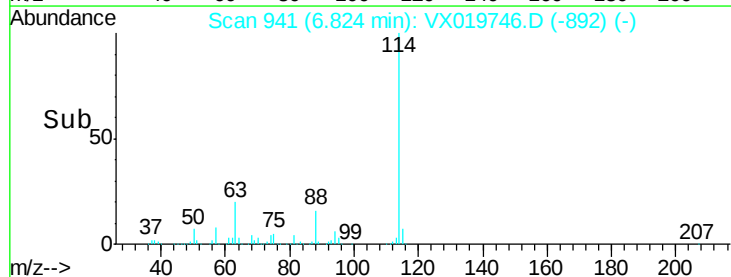
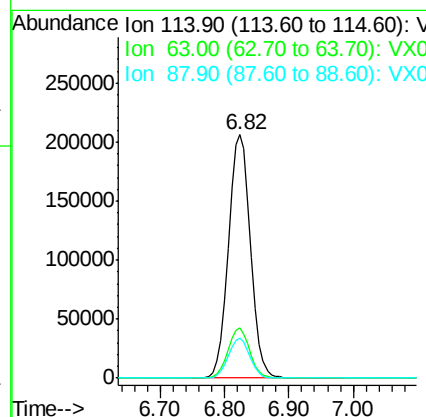
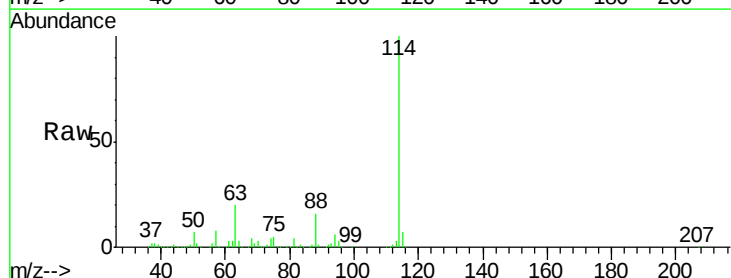
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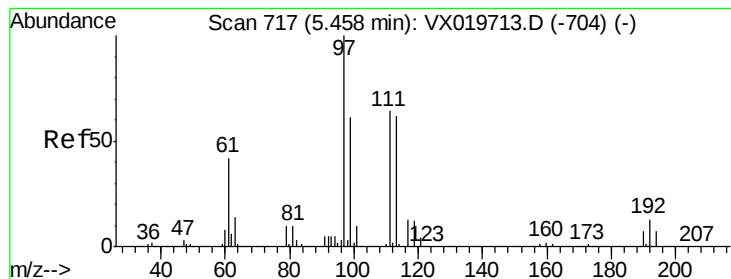
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	496749		
63	20.5	0.0	40.8	
88	16.4	0.0	32.8	





#35

Dibromofluoromethane

Concen: 47.940 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

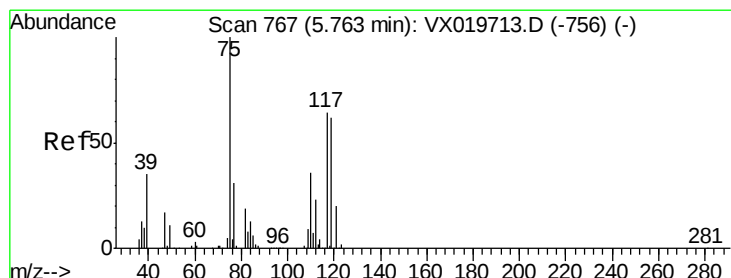
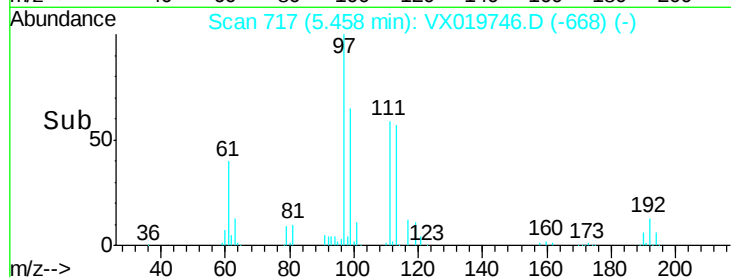
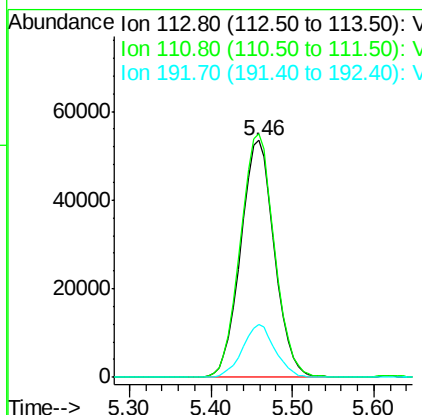
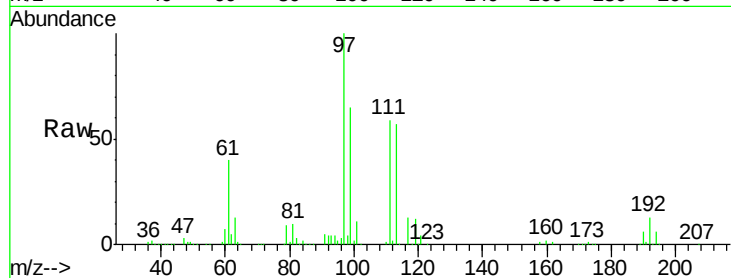
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	153908
Ion Ratio	Lower	Upper	
113	100		
111	103.8	81.9	122.9
192	21.6	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 54.598 ug/l

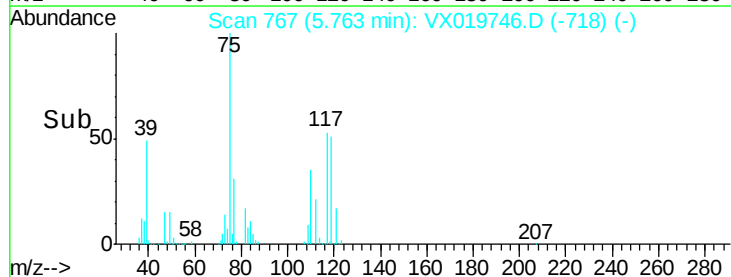
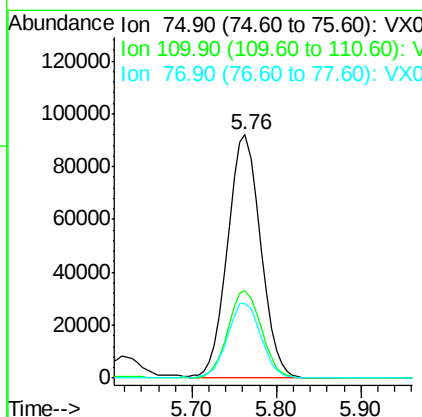
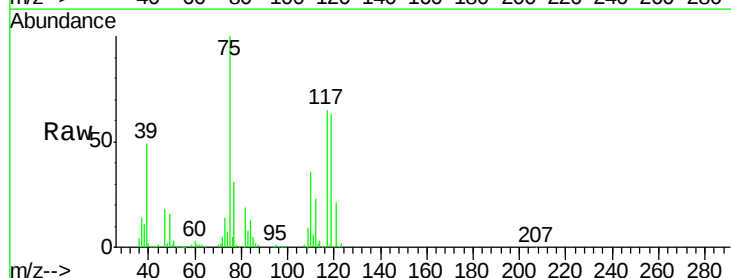
RT: 5.76 min Scan# 767

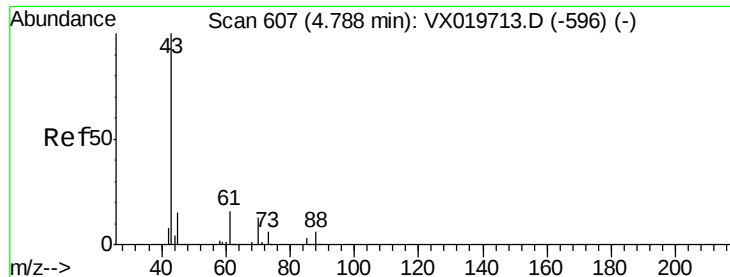
Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Tgt Ion:	75	Resp:	245081
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.1	54.4
77	31.4	25.3	37.9





#37

Ethyl Acetate

Concen: 54.653 ug/l

RT: 4.78 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

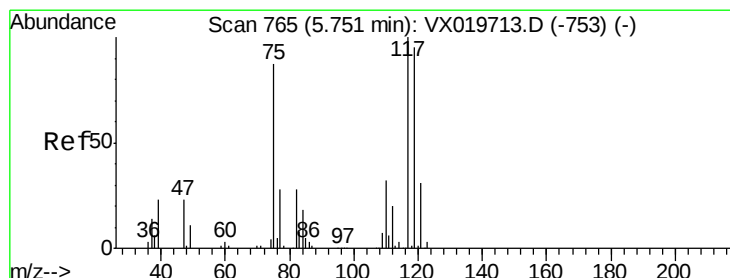
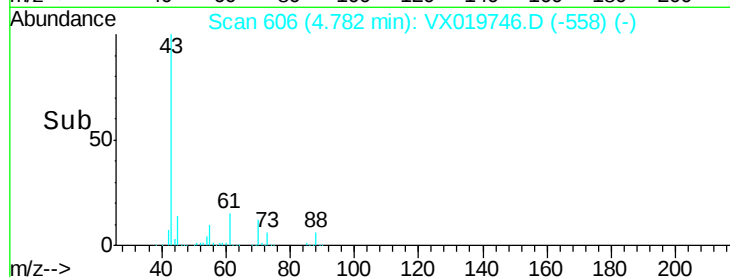
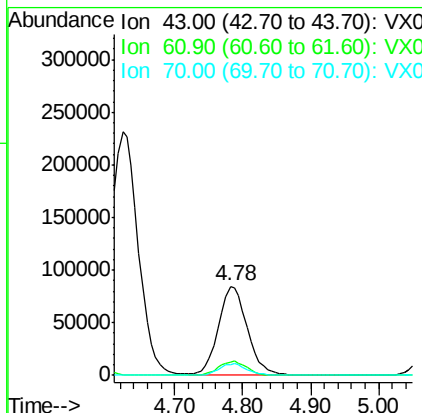
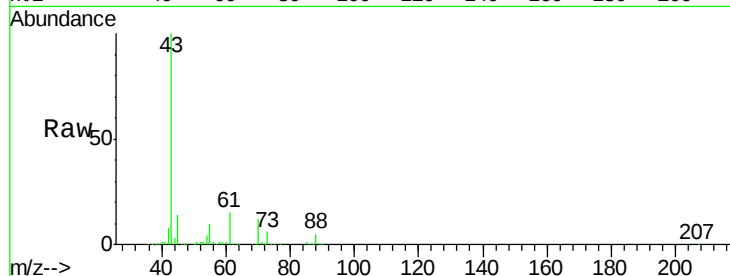
ClientSampled :

VSTDCCC050

Tot Ion:	43	Resp:	247696
Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.8	19.2
70	12.8	10.5	15.7

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 56.136 ug/l

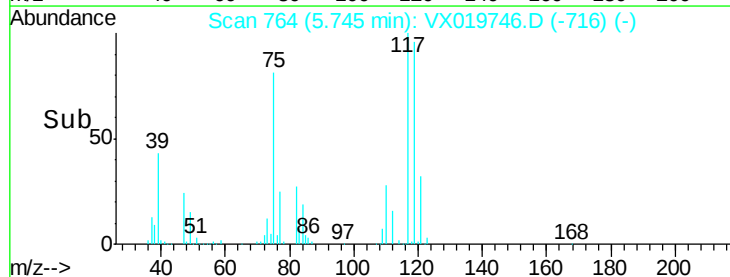
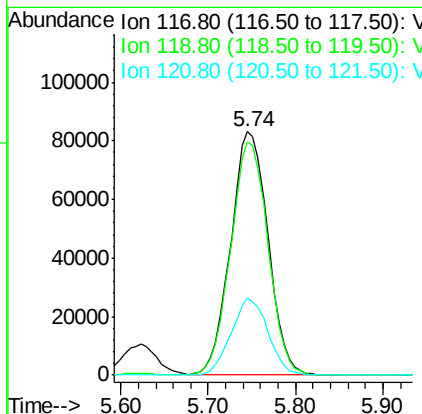
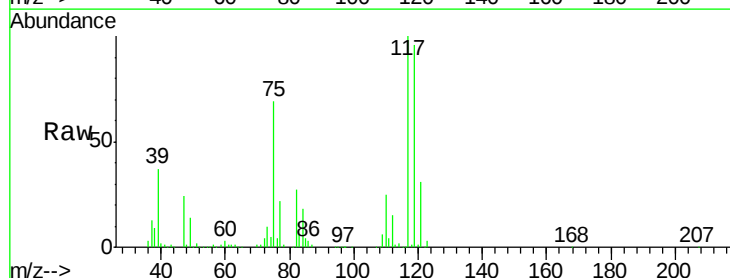
RT: 5.74 min Scan# 764

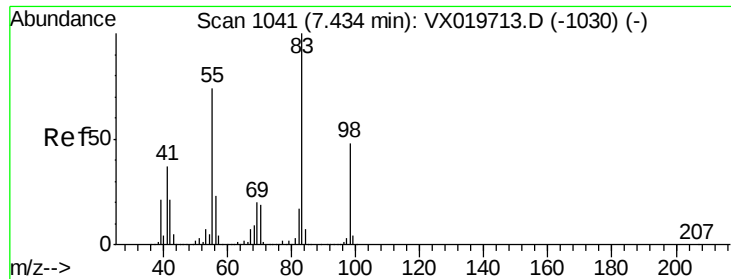
Delta R.T. -0.01 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Tgt Ion:	117	Resp:	246755
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.2	114.2
121	31.5	24.8	37.2





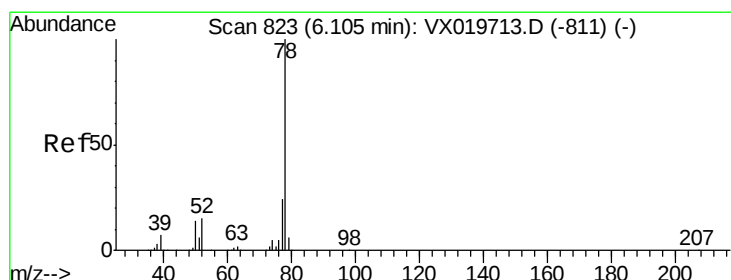
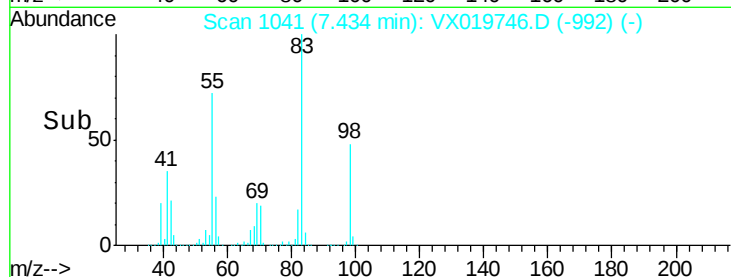
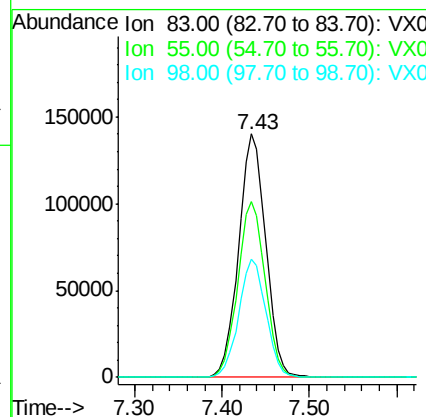
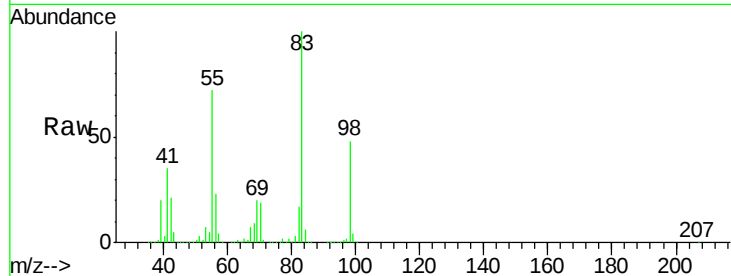
#39
Methvlcvclohexane
Concen: 57.313 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	302257		
55	72.3		58.9	88.3
98	48.3		38.1	57.1

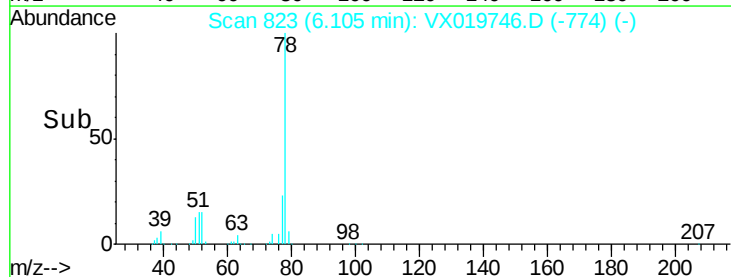
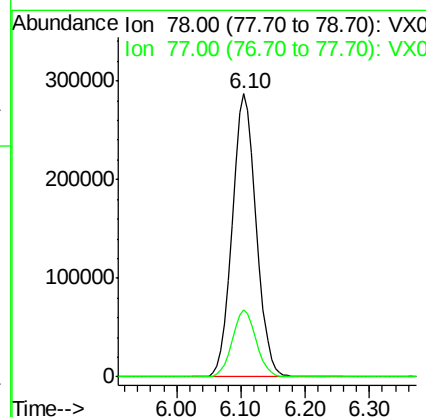
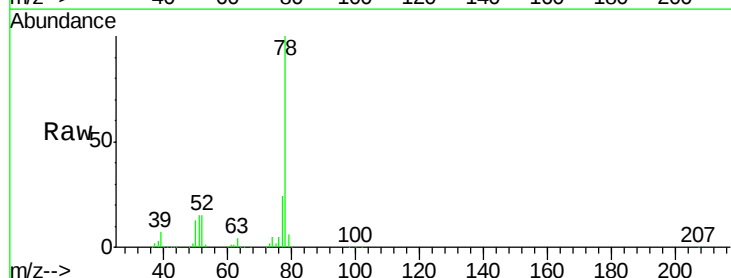
Manual Integrations
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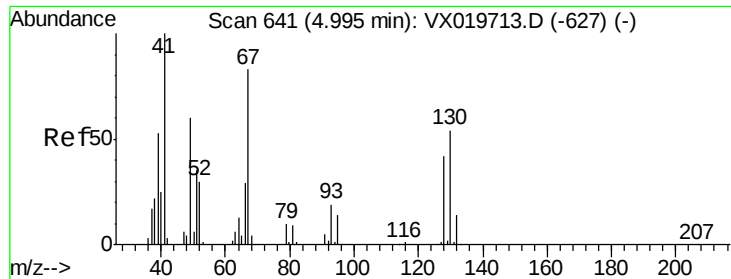
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#40
Benzene
Concen: 54.578 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	748374		
77	23.7		18.9	28.3





#41

Methacrylonitrile

Concen: 55.648 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

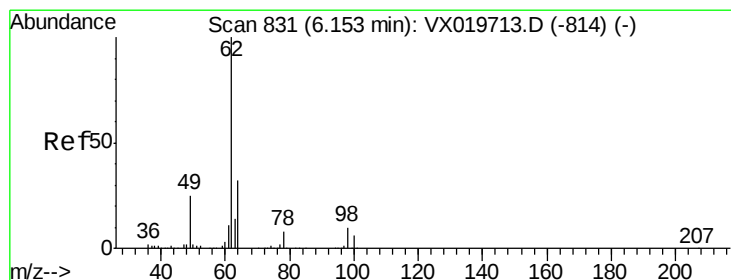
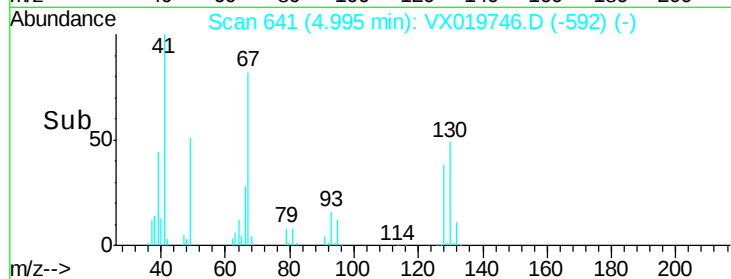
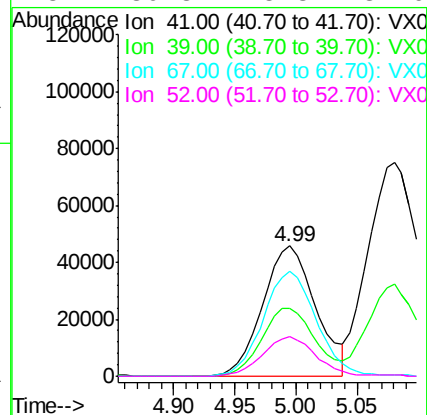
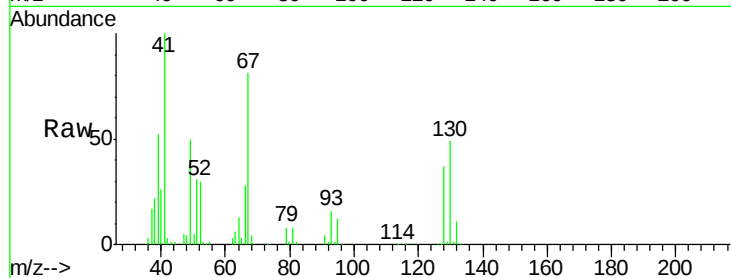
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.5	63.7
67	81.2	65.0	97.6
52	30.3	25.3	37.9

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 54.603 ug/l

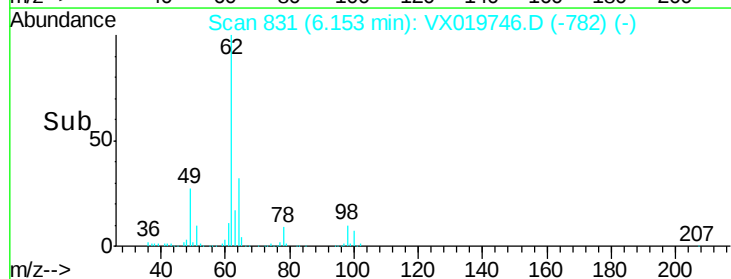
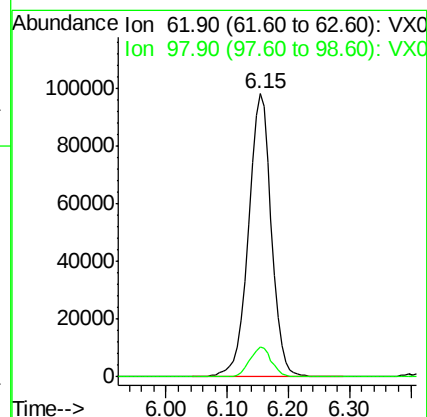
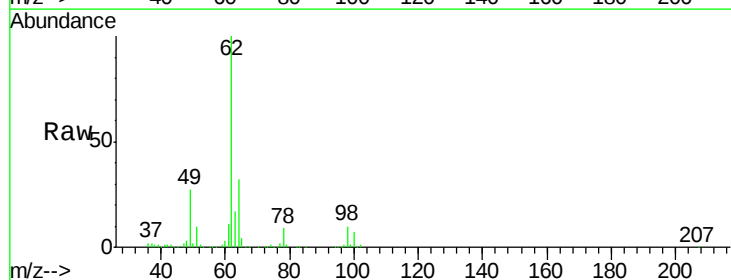
RT: 6.15 min Scan# 831

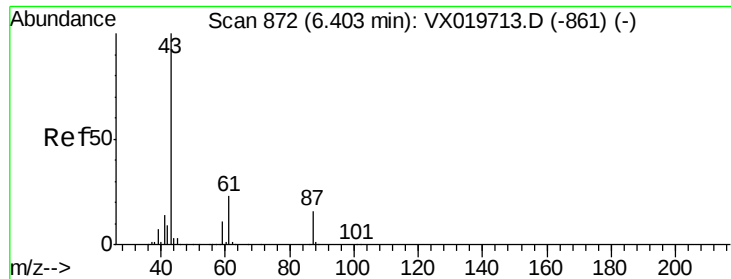
Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2





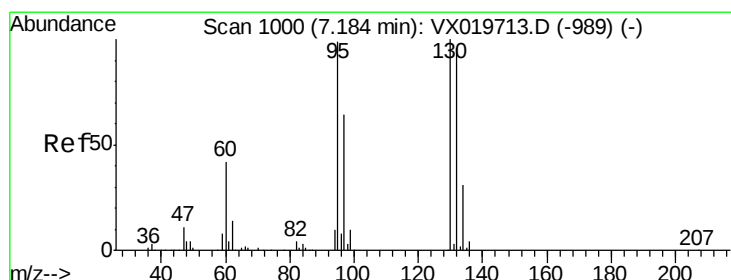
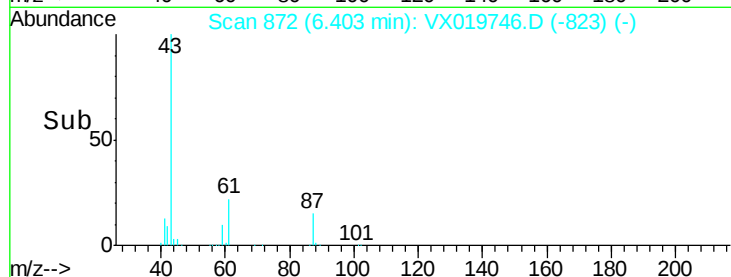
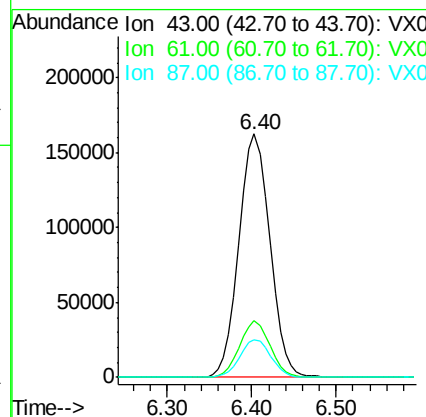
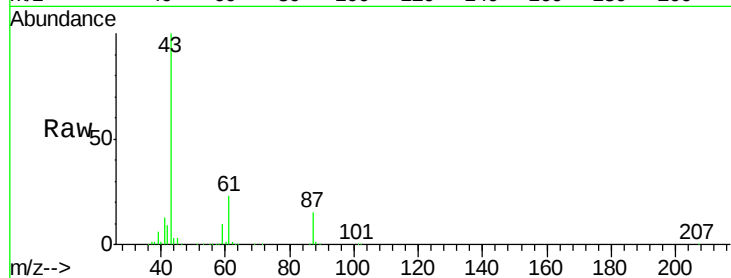
#43
Isopropyl Acetate
Concen: 54.858 ug/l
RT: 6.40 min Scan# 872
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.8	18.2	27.4
87	15.5	12.5	18.7

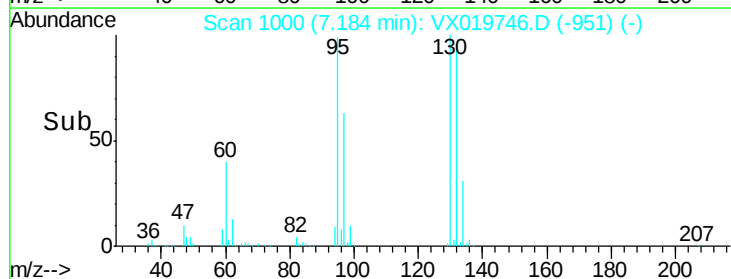
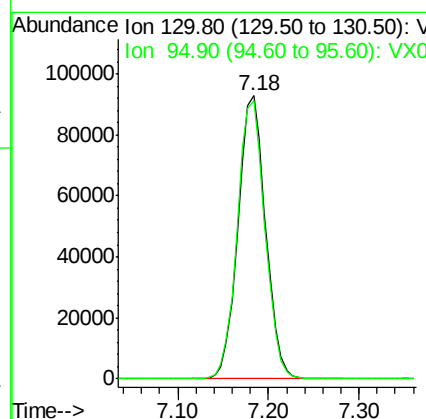
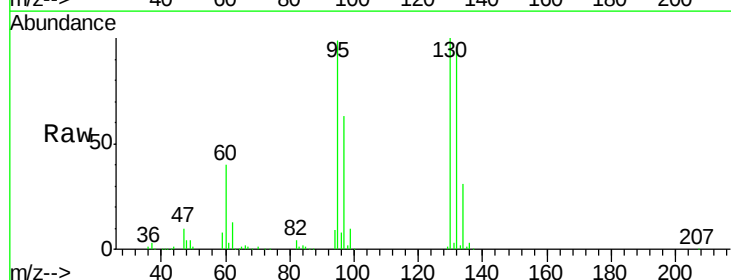
Manual Integrations
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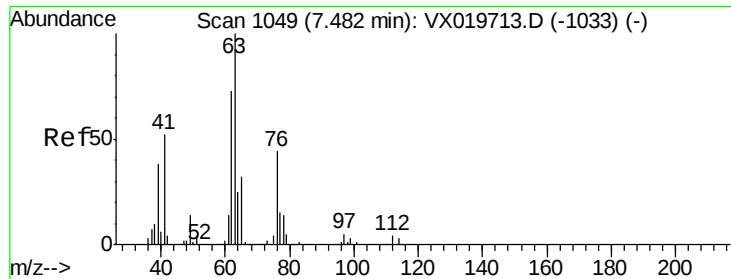
MMDadoda
12/8/2020 5:05:05 PM



#44
Trichloroethene
Concen: 54.664 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	198.0





#45

1,2-Dichloropropane

Concen: 54.686 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 187409

Ion Ratio Lower Upper

63 100

65 30.9

25.7

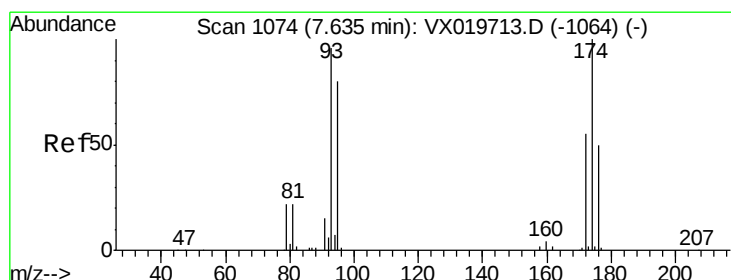
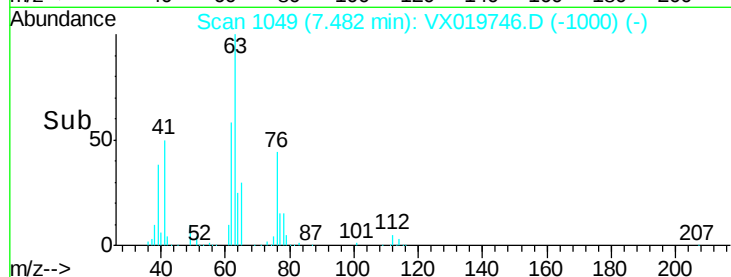
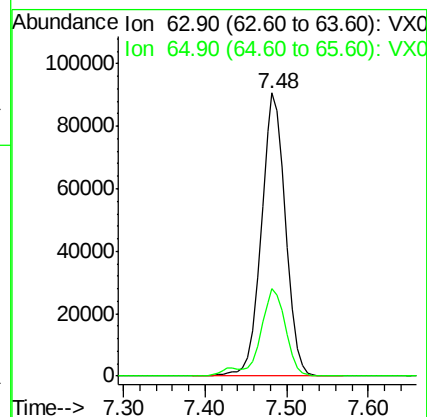
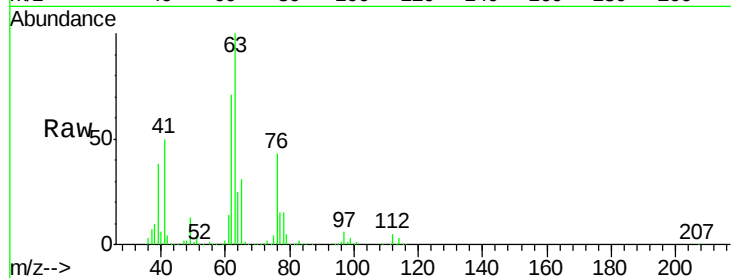
38.5

Manual Integrations

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#46

Dibromomethane

Concen: 55.199 ug/l

RT: 7.63 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Tgt Ion: 93 Resp: 127746

Ion Ratio Lower Upper

93 100

95 83.4

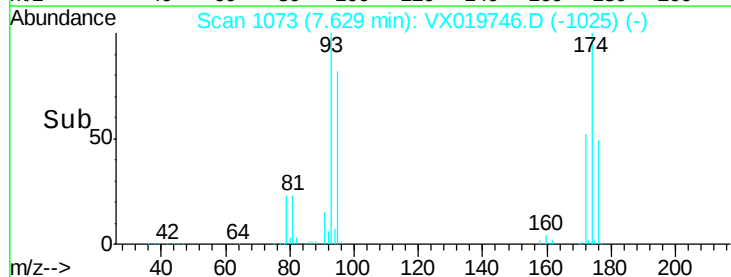
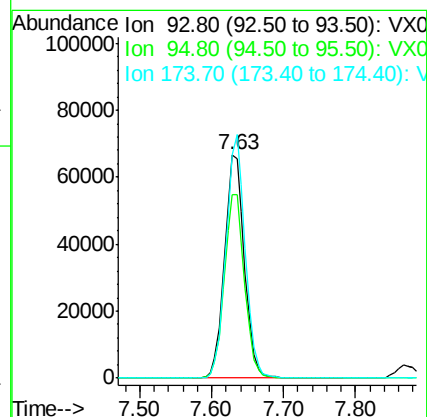
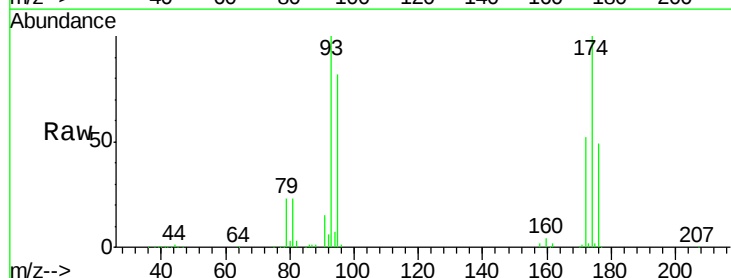
66.8

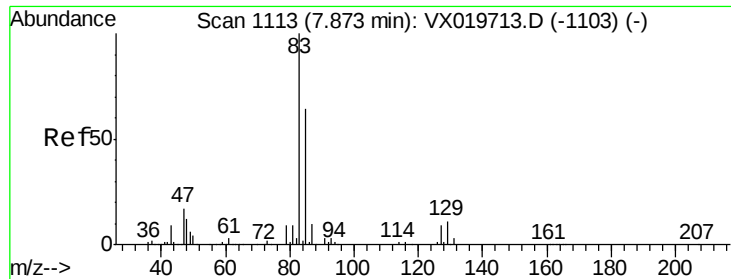
100.2

174 105.4

83.1

124.7





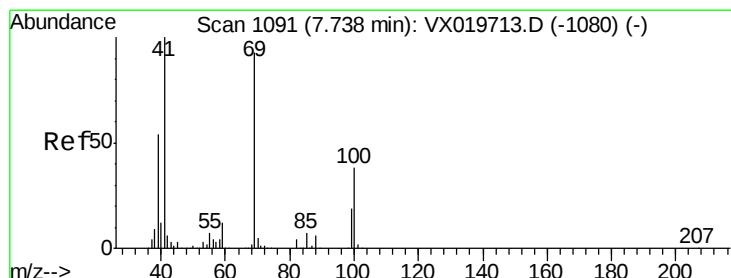
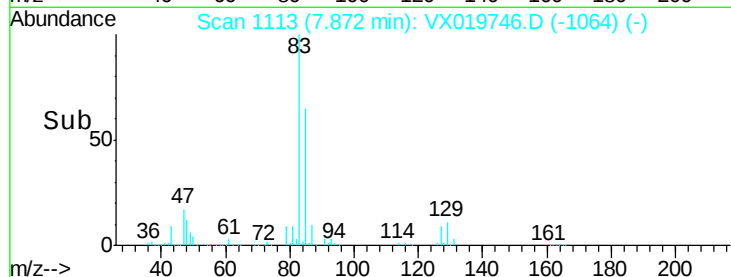
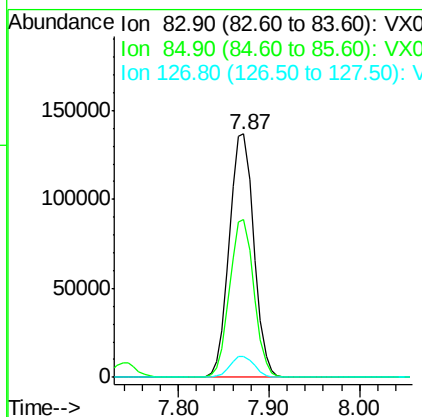
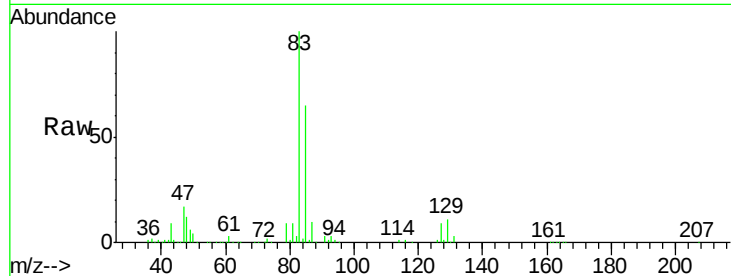
#47
Bromodichloromethane
Concen: 56.109 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	257670		
85	64.8		51.4	77.0
127	8.8		6.8	10.2

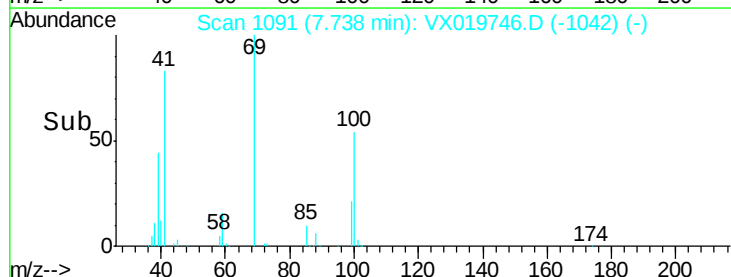
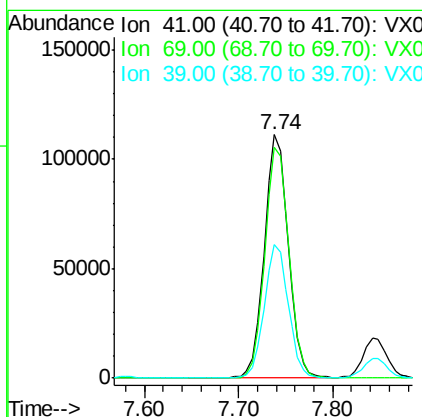
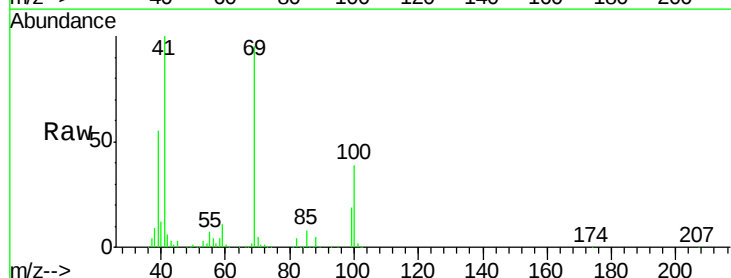
Manual Integrations
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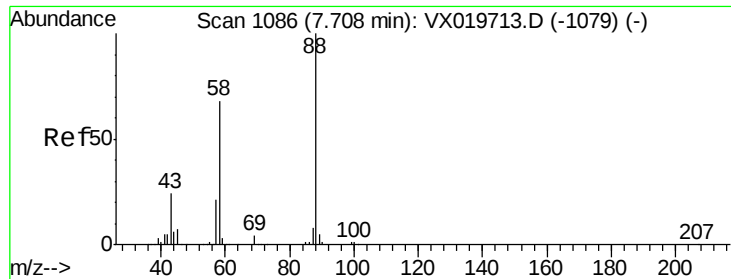
MMDadoda
12/8/2020 5:05:05 PM



#48
Methyl methacrylate
Concen: 55.186 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	199988		
69	95.6		76.0	114.0
39	55.0		44.6	67.0





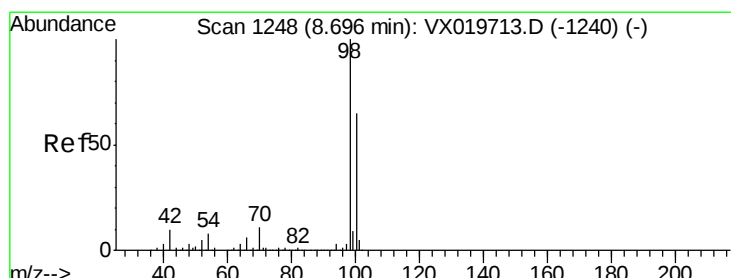
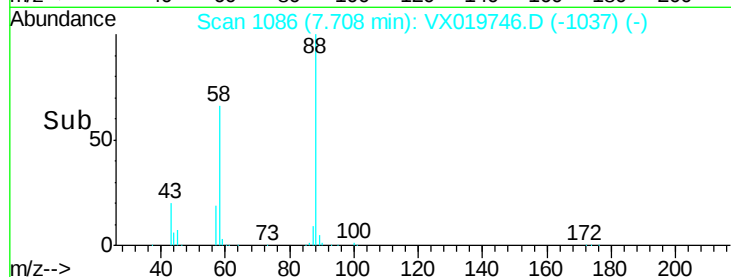
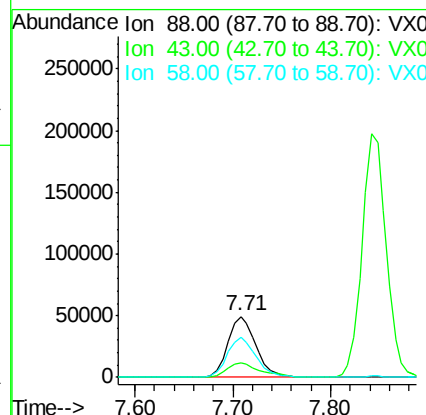
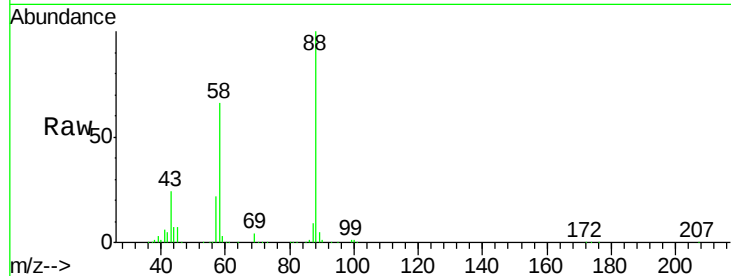
#49
1,4-Dioxane
Concen: 1117.628 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.9	23.2	34.8
58	68.0	55.0	82.4

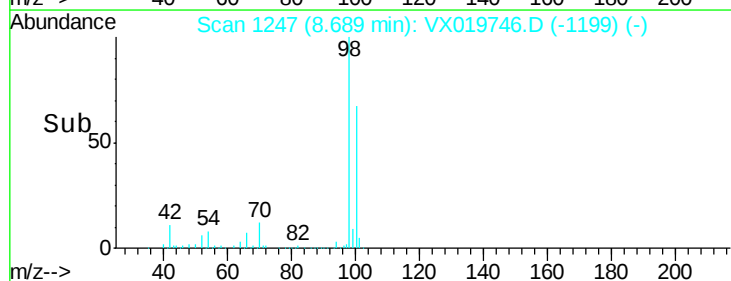
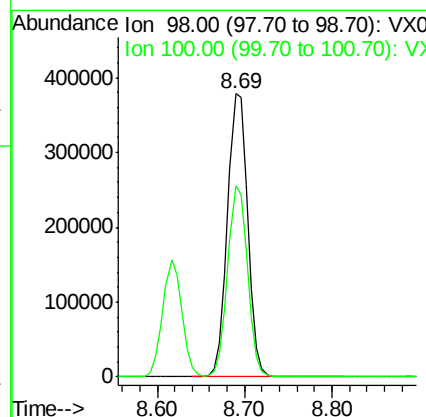
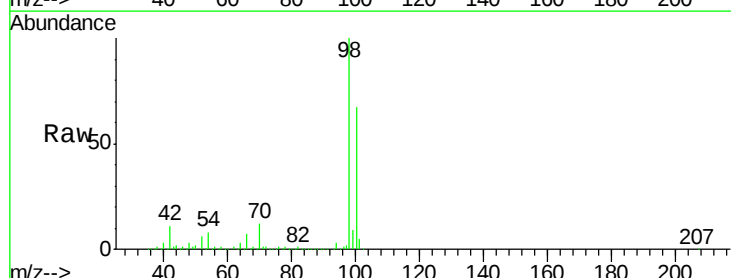
Manual Integrations
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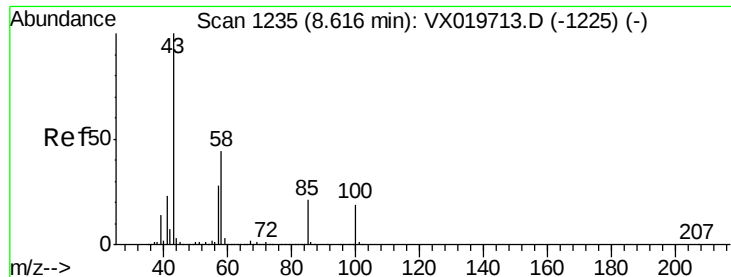
MMDadoda
12/8/2020 5:05:05 PM



#50
Toluene-d8
Concen: 49.381 ug/l
RT: 8.69 min Scan# 1247
Delta R.T. -0.01 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	51.9	77.9





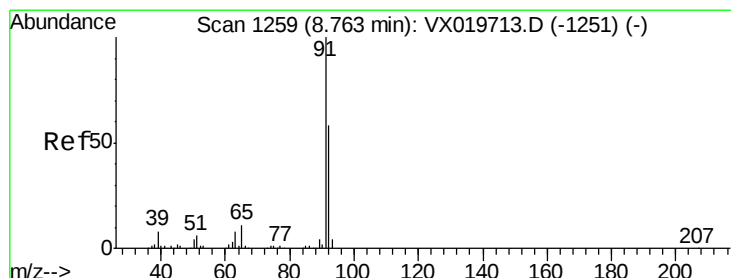
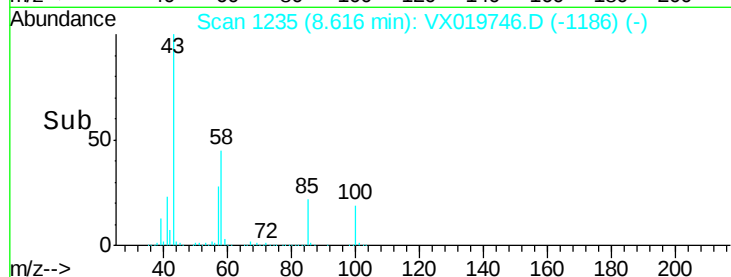
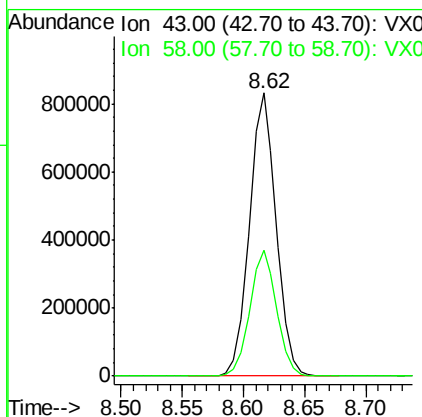
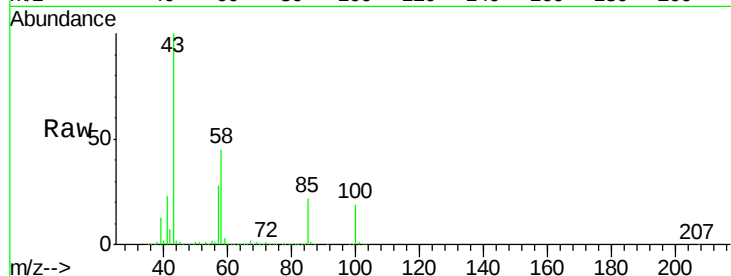
#51
4-Methyl-2-Pentanone
Concen: 280.927 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1263794
Ion Ratio Lower Upper
43 100
58 44.4 35.4 53.0

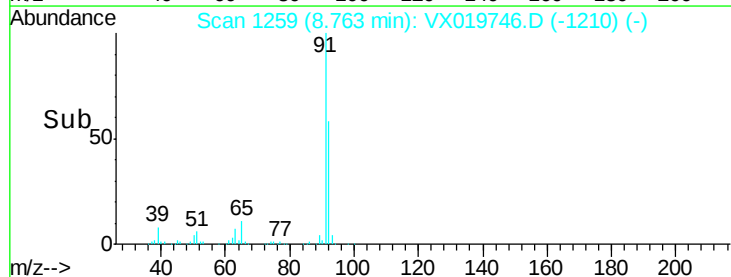
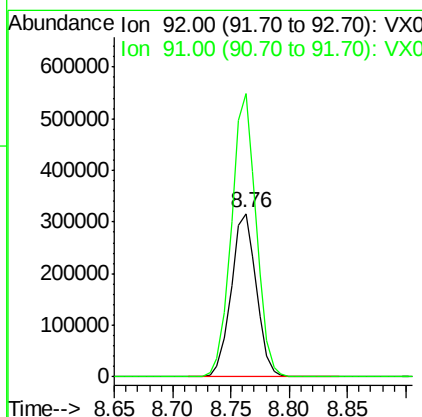
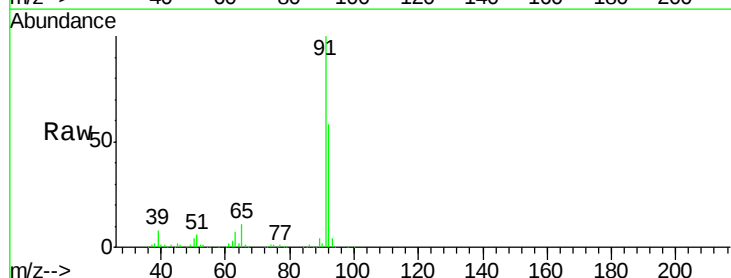
Manual Integrations
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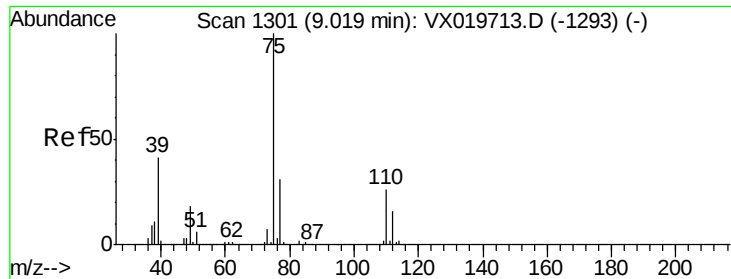
MMDadoda
12/8/2020 5:05:05 PM



#52
Toluene
Concen: 55.479 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion: 92 Resp: 475785
Ion Ratio Lower Upper
92 100
91 170.2 137.1 205.7





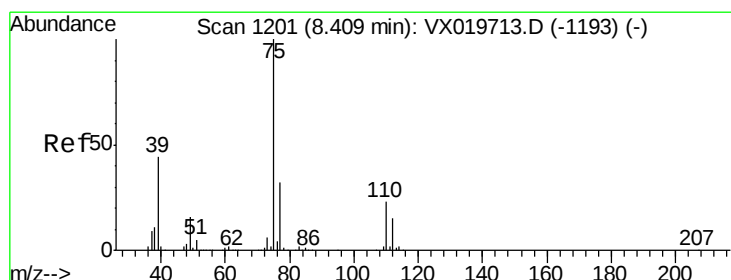
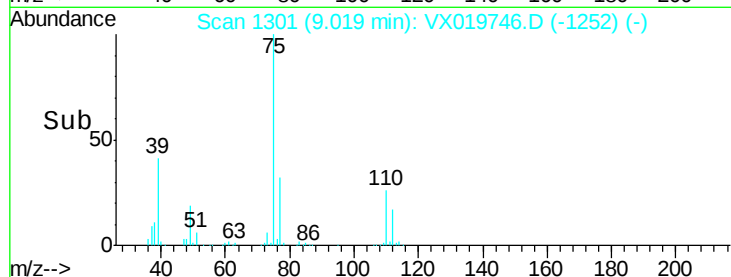
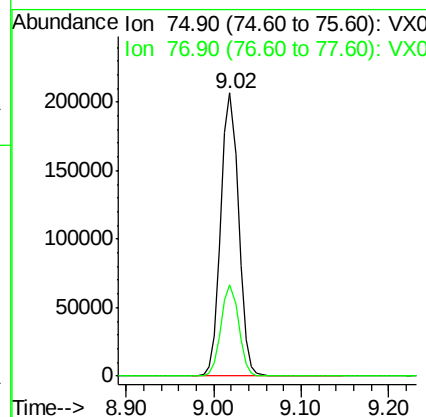
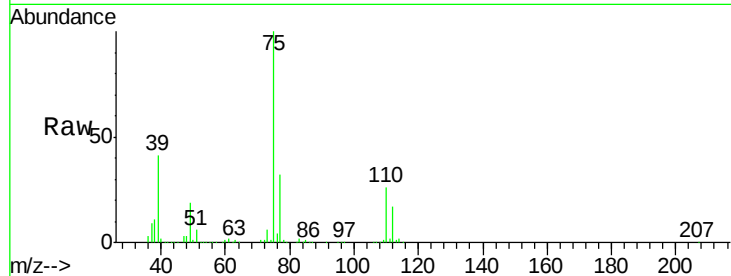
#53
 t-1,3-Dichloropropene
 Concen: 57.288 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 291939
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.9 37.3

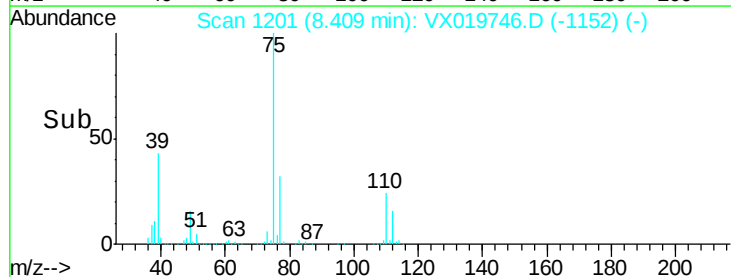
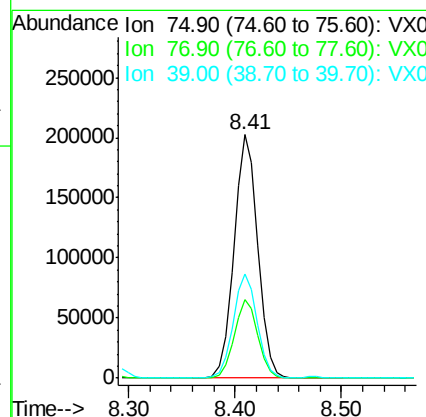
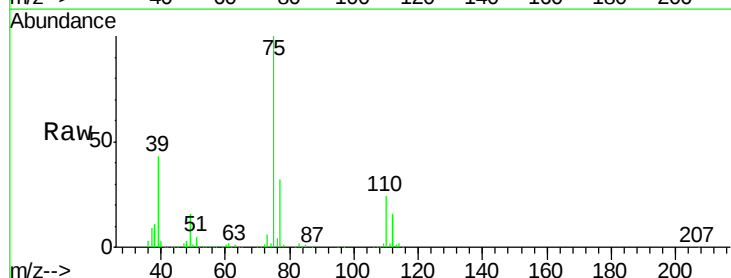
Manual Integrations
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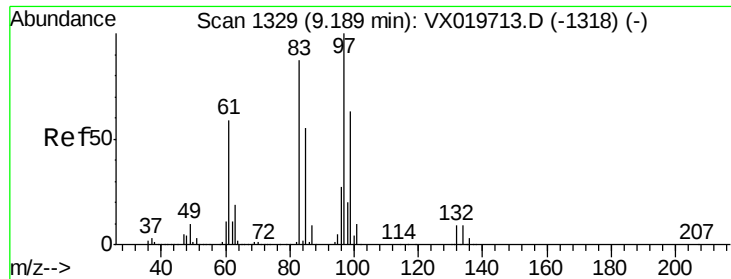
MMDadoda
 12/8/2020 5:05:05 PM



#54
 cis-1,3-Dichloropropene
 Concen: 57.083 ug/l
 RT: 8.41 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

Tgt Ion: 75 Resp: 316031
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.7 38.5
 39 42.9 35.1 52.7





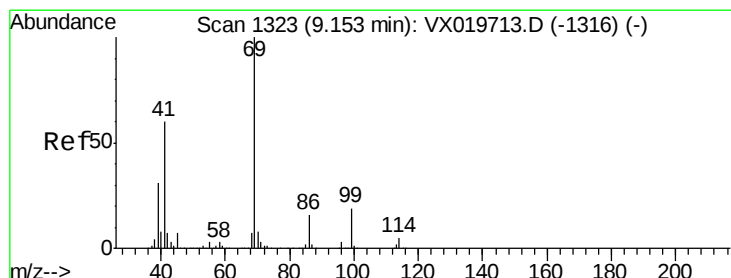
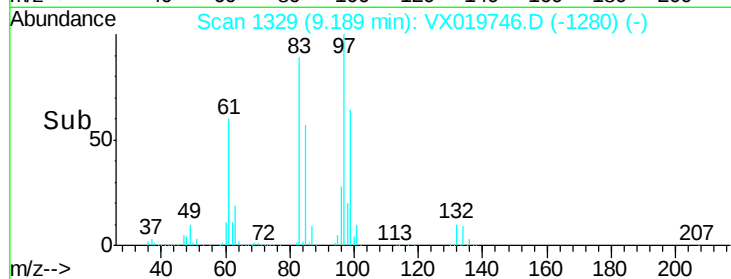
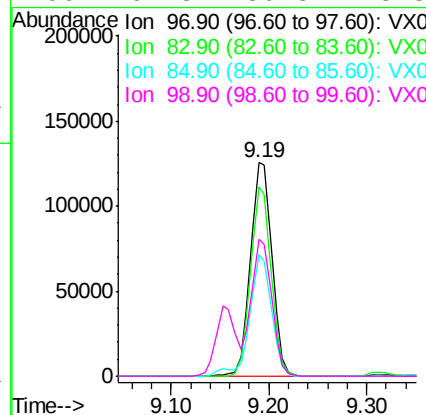
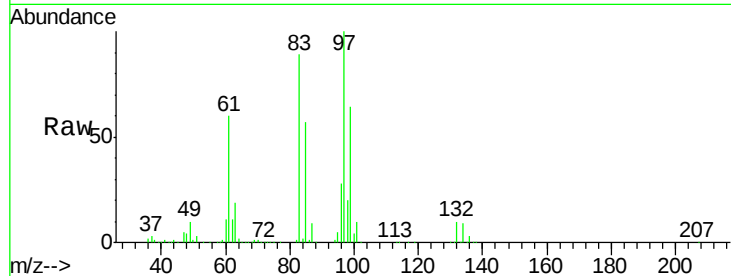
#55
 1,1,2-Trichloroethane
 Concen: 55.542 ug/l
 RT: 9.19 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
97	100	191955		
83	88.6	69.3	103.9	
85	57.1	44.3	66.5	
99	64.3	50.3	75.5	

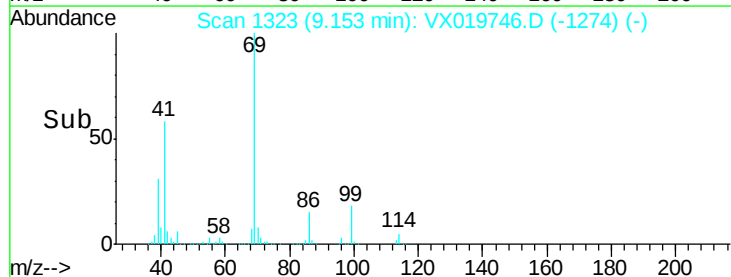
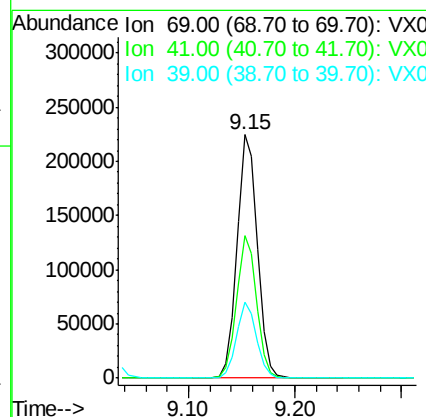
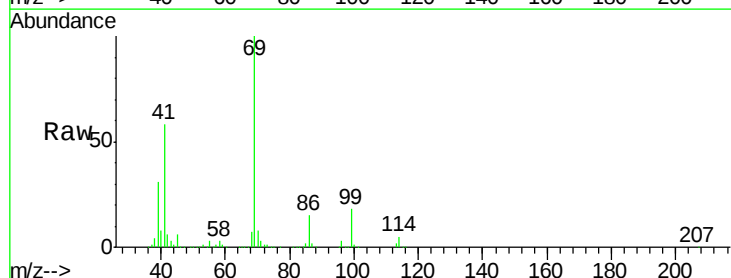
Manual Integrations
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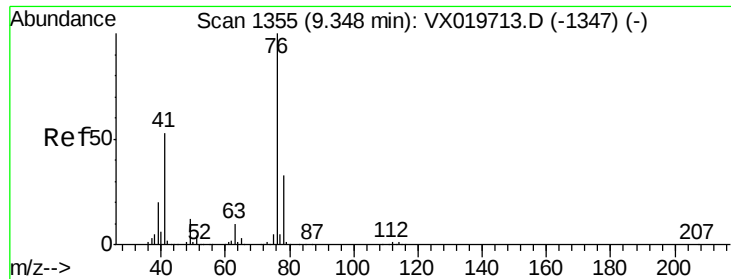
MMDadoda
 12/8/2020 5:05:05 PM



#56
 Ethyl methacrylate
 Concen: 57.675 ug/l
 RT: 9.15 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	301574		
41	57.5	46.8	70.2	
39	30.4	24.7	37.1	





#57

1,3-Dichloropropane

Concen: 54.515 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 321702

Ion Ratio Lower Upper

76 100

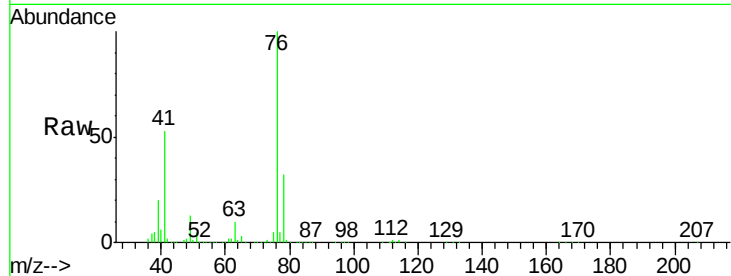
78 32.3 26.2 39.2

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

250000

200000

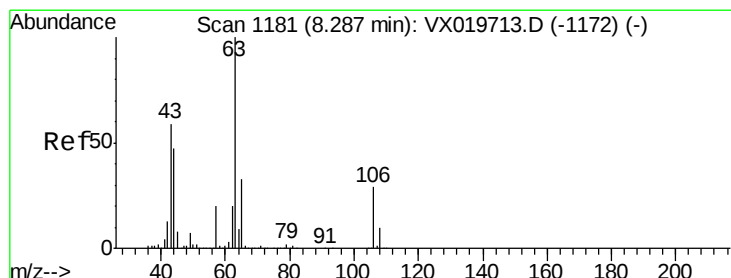
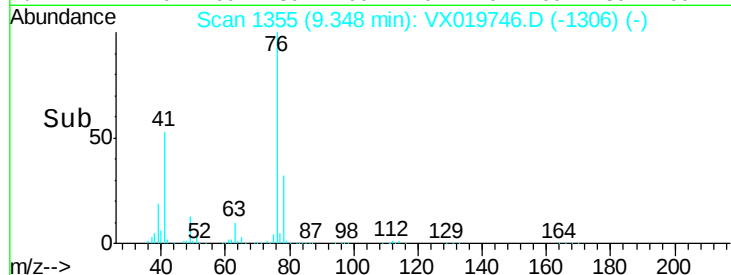
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 299.960 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019746.D

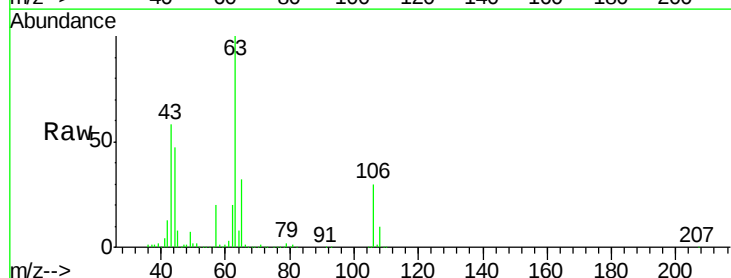
Acq: 07 Dec 2020 11:47

Tgt Ion: 63 Resp: 830895

Ion Ratio Lower Upper

63 100

106 30.2 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

600000

500000

400000

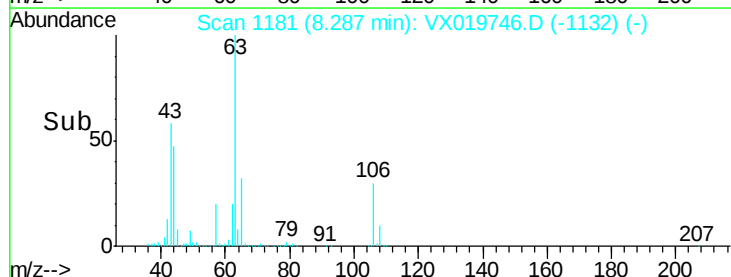
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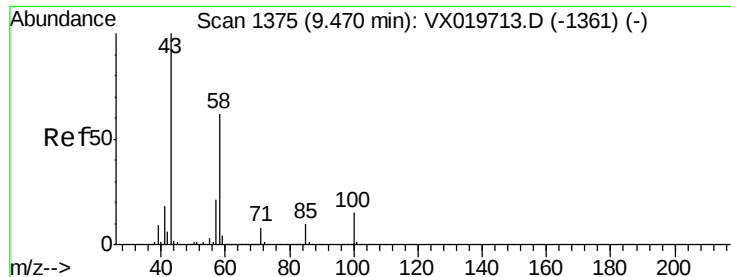
200000

100000

0

Time-->





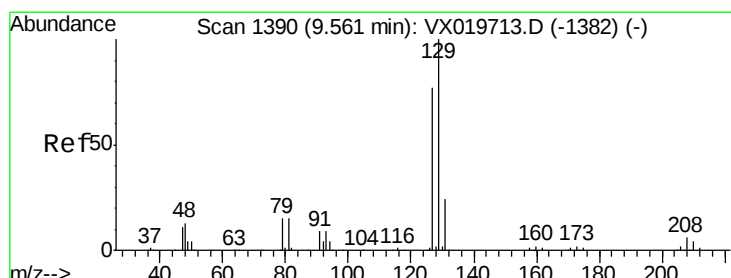
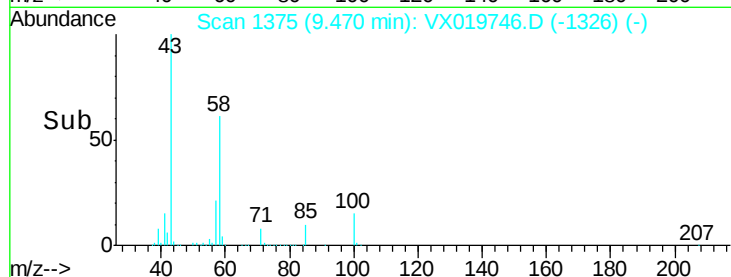
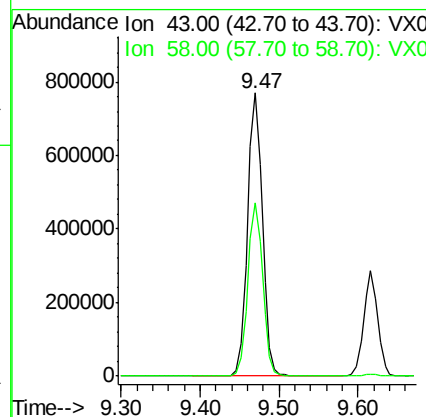
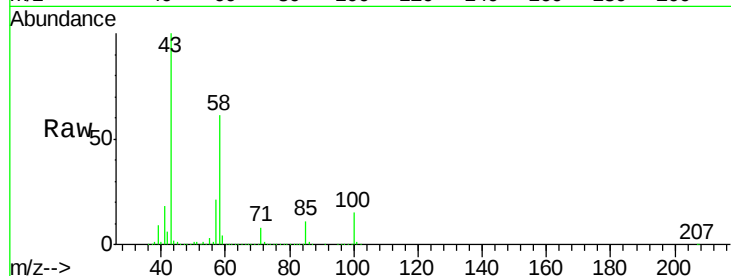
#59
2-Hexanone
Concen: 288.244 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1005120
Ion Ratio Lower Upper
43 100
58 61.5 30.9 92.8

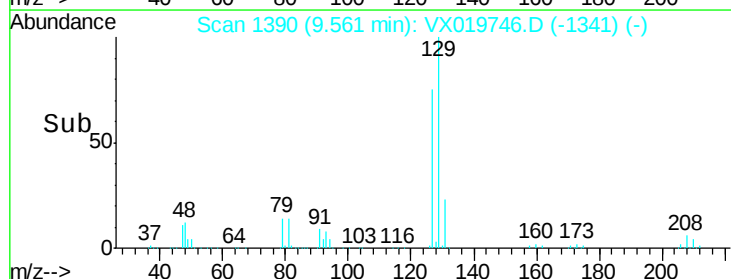
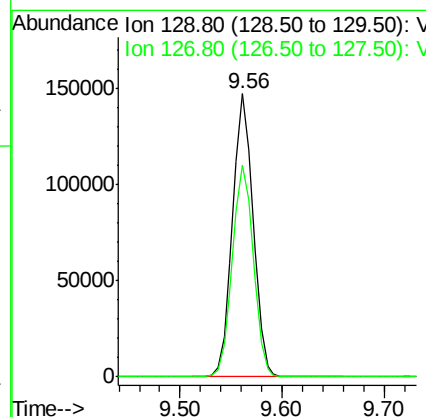
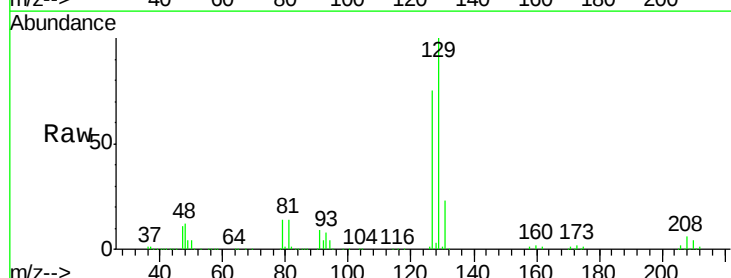
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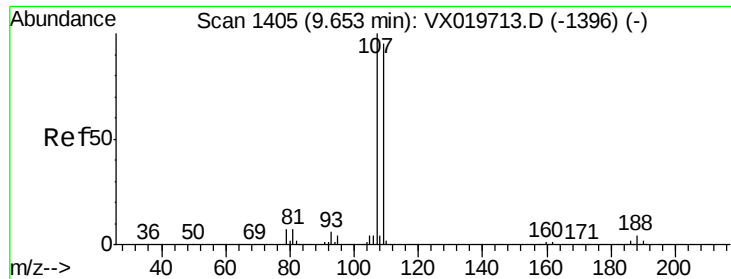
MMDadoda
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#60
Dibromochloromethane
Concen: 58.680 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion: 129 Resp: 206042
Ion Ratio Lower Upper
129 100
127 76.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 55.398 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 203302

Ion Ratio Lower Upper

107 100

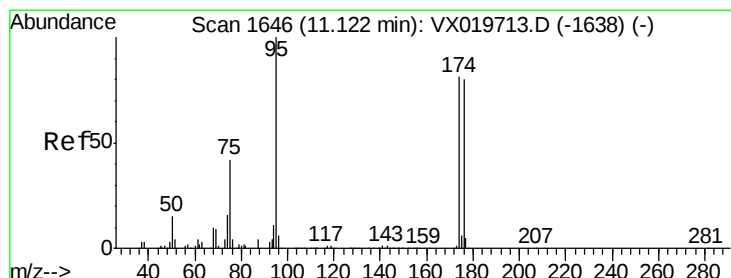
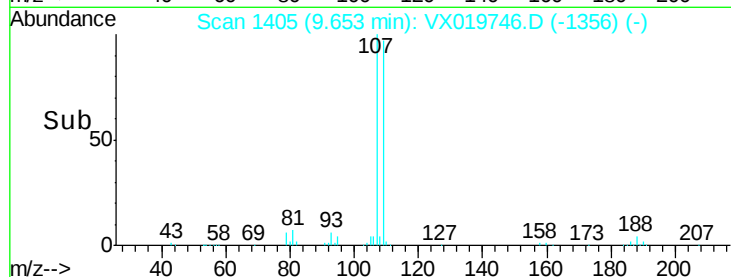
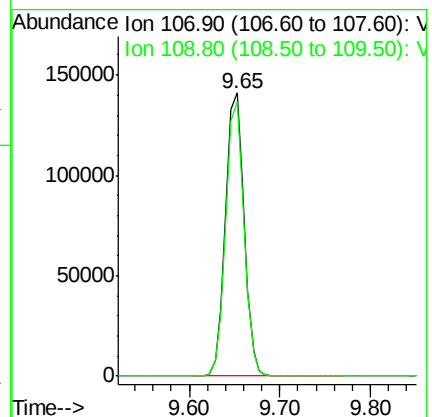
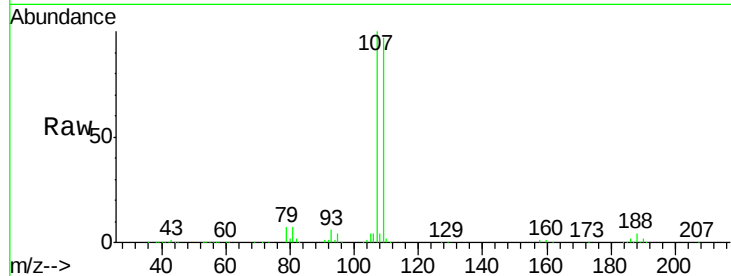
109 95.5 75.8 113.6

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#62

4-Bromofluorobenzene

Concen: 50.486 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.01 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

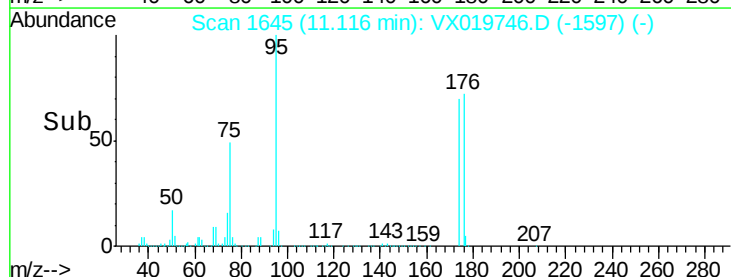
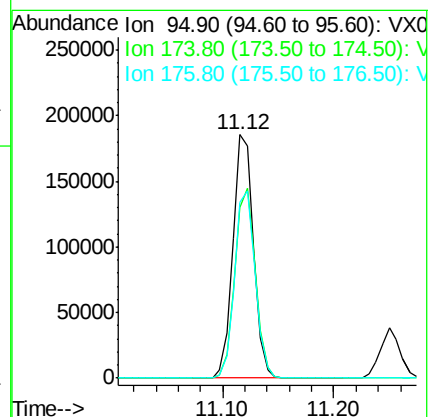
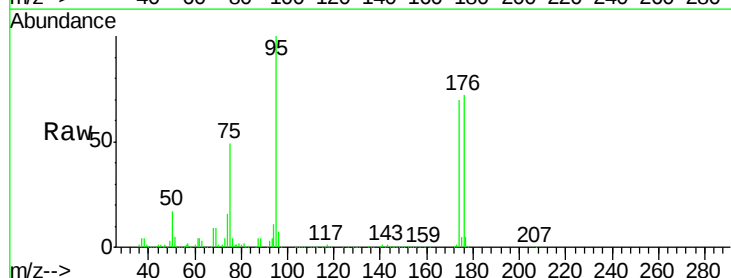
Tgt Ion: 95 Resp: 235519

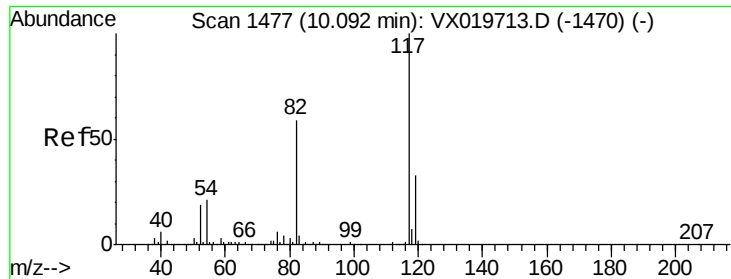
Ion Ratio Lower Upper

95 100

174 78.2 0.0 154.6

176 77.2 0.0 155.8





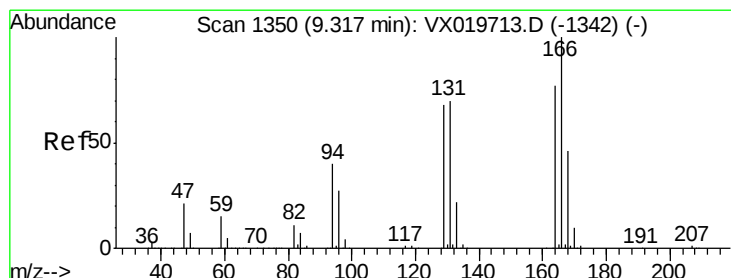
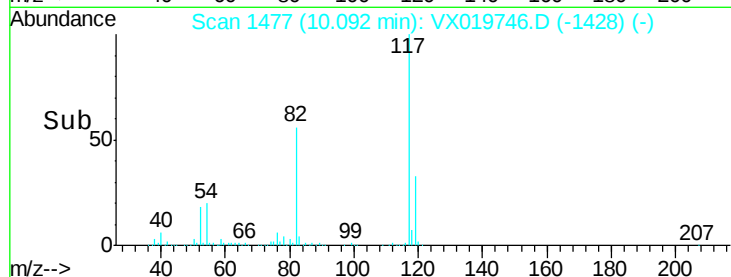
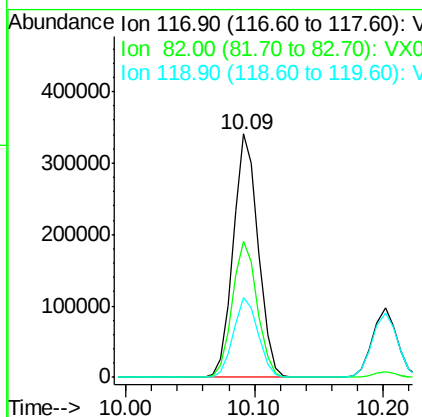
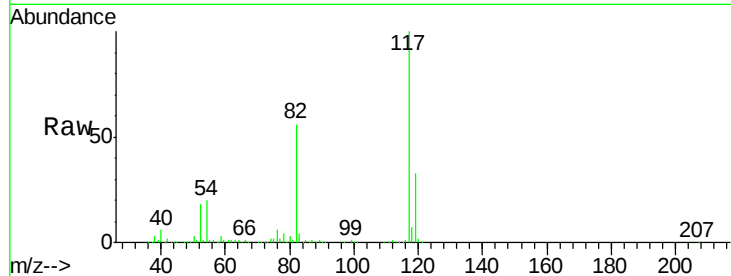
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	460069		
82	55.7		47.4	71.2
119	32.6		26.6	39.8

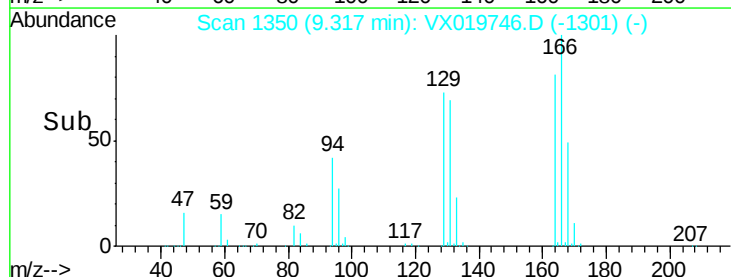
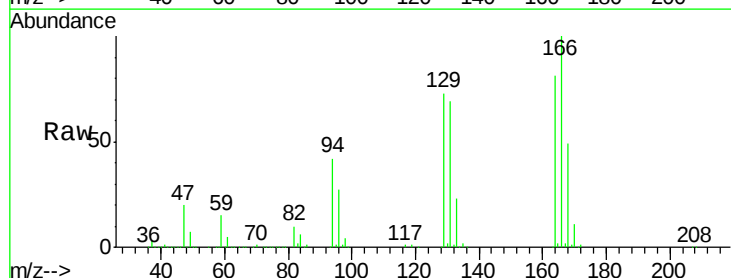
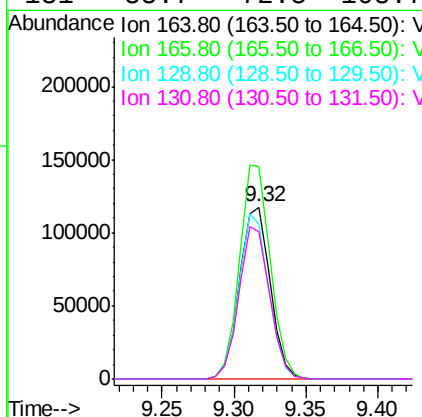
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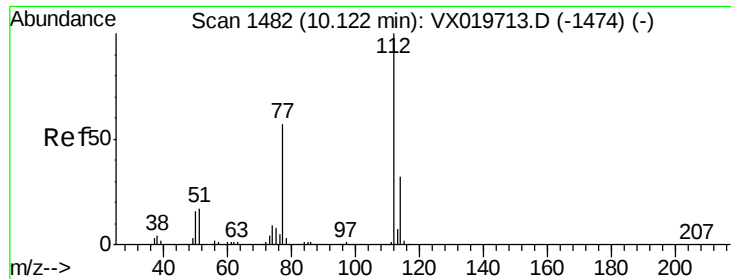
MMDadoda
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#64
Tetrachloroethene
Concen: 56.080 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	173023		
166	124.1		103.4	155.2
129	90.3		70.8	106.2
131	85.7		72.5	108.7





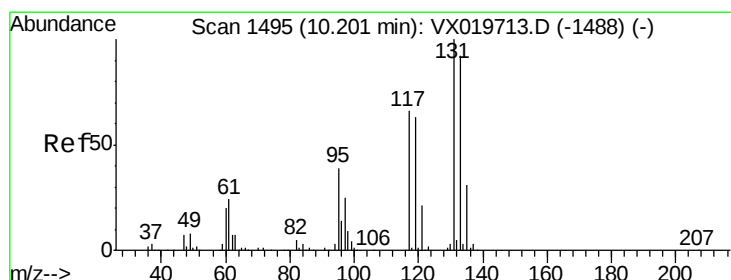
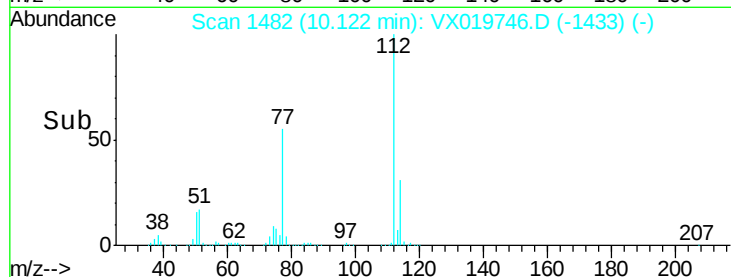
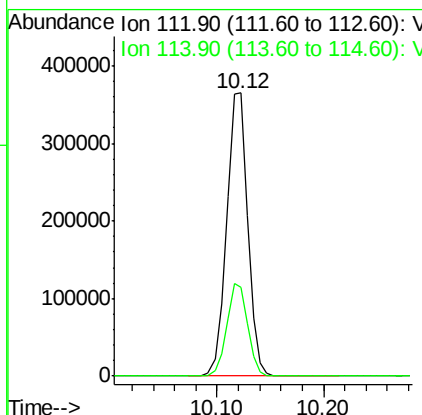
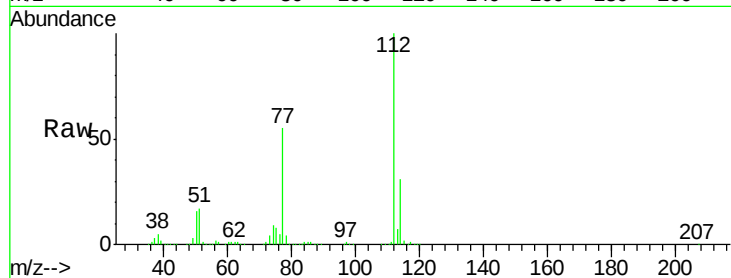
#65
Chlorobenzene
Concen: 55.309 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.8	38.6

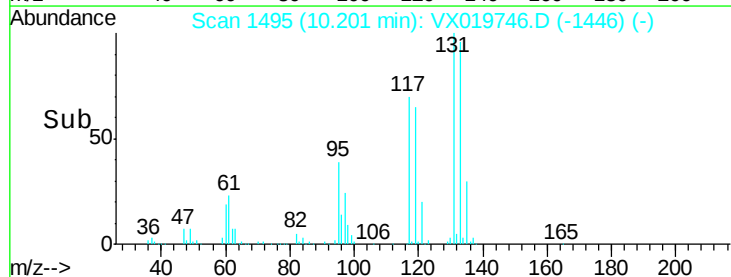
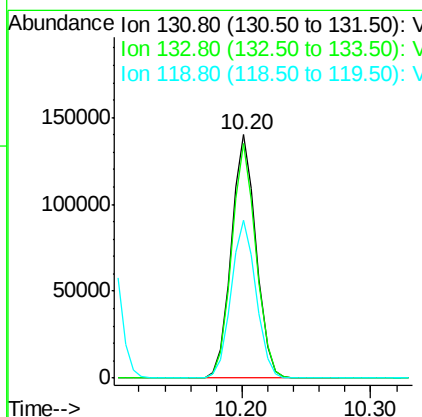
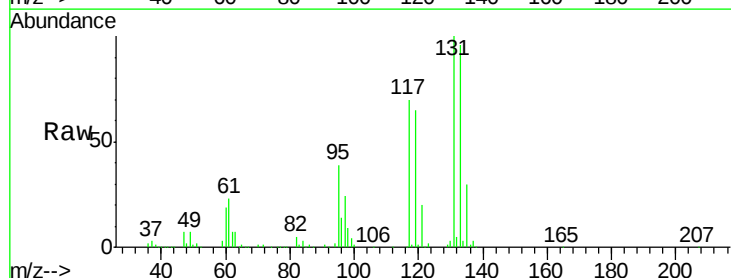
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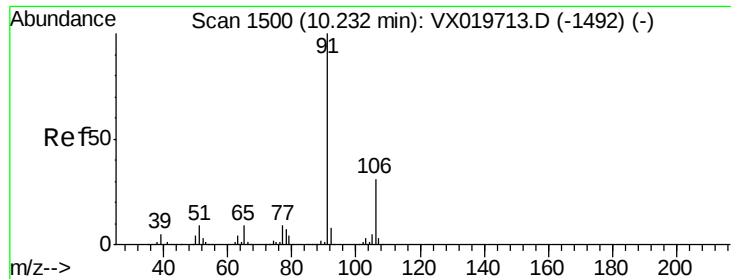
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#66
1,1,1,2-Tetrachloroethane
Concen: 56.907 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.7	143.1
119	65.4	32.1	96.5





#67

Ethyl Benzene

Concen: 56.275 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 915579

Ion Ratio Lower Upper

91 100

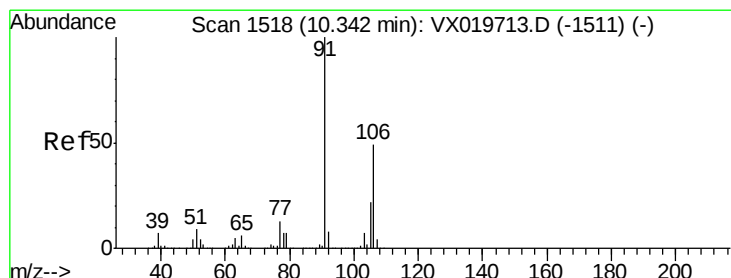
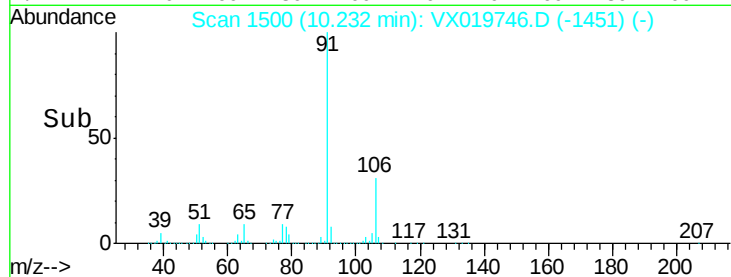
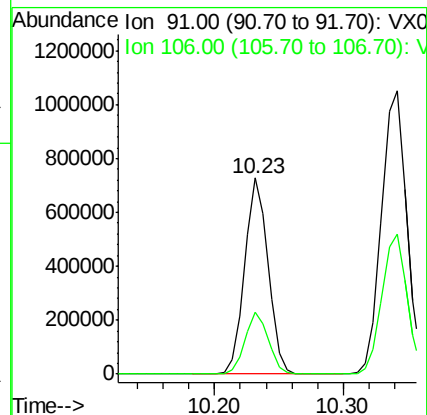
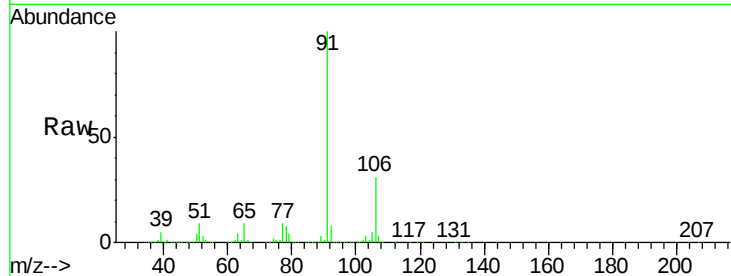
106 31.5 24.6 37.0

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#68

m/p-Xylenes

Concen: 113.671 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019746.D

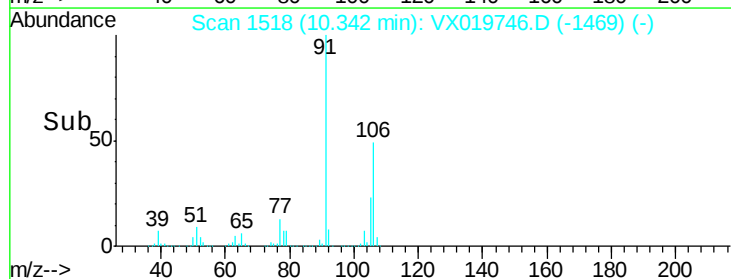
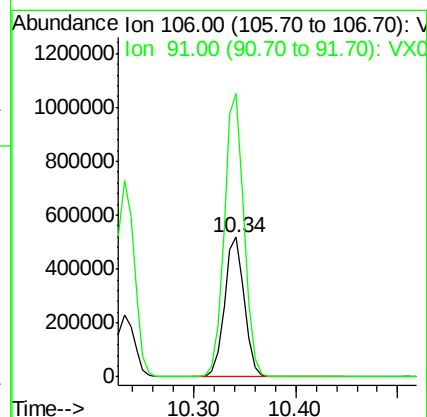
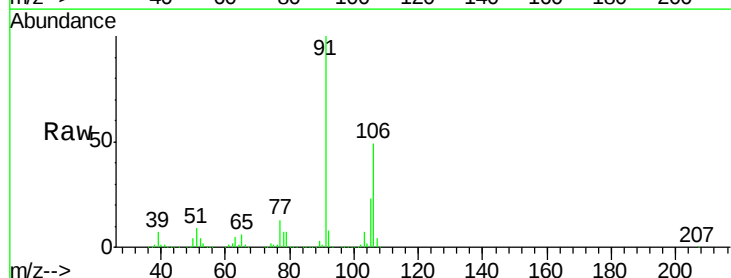
Acq: 07 Dec 2020 11:47

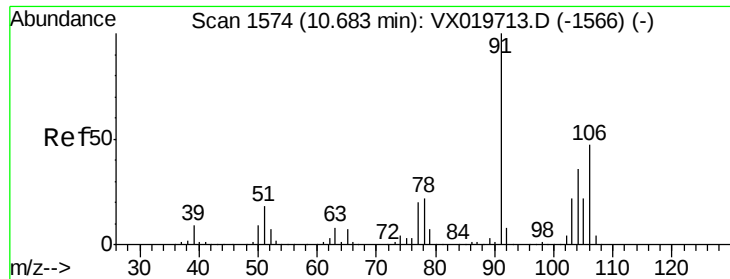
Tgt Ion: 106 Resp: 696884

Ion Ratio Lower Upper

106 100

91 202.9 162.8 244.2





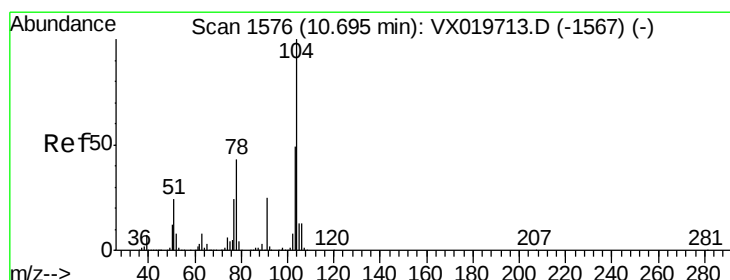
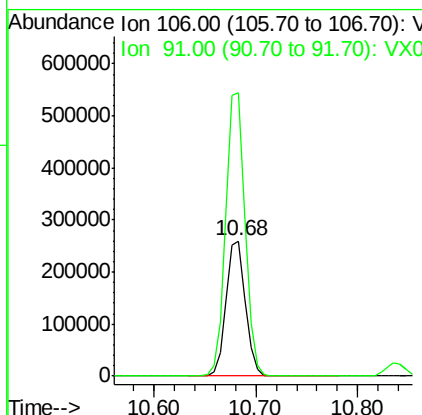
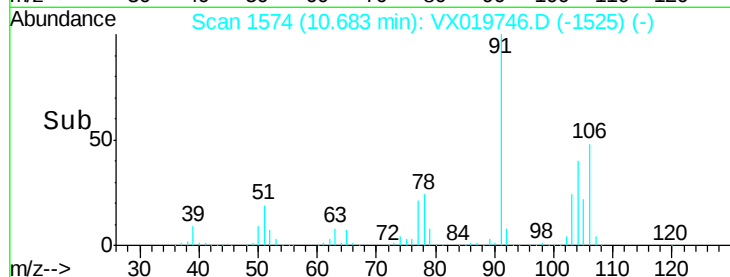
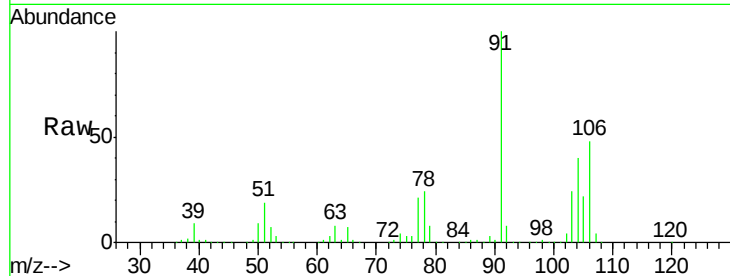
#69
o-Xylene
Concen: 57.416 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 338608
Ion Ratio Lower Upper
106 100
91 210.8 108.1 324.2

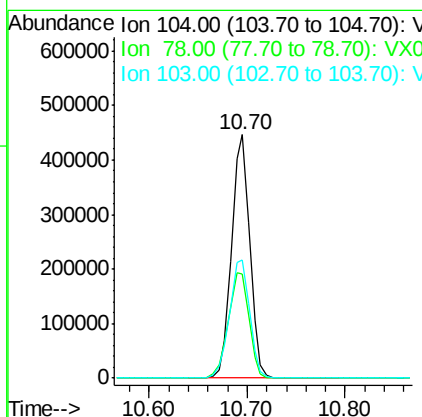
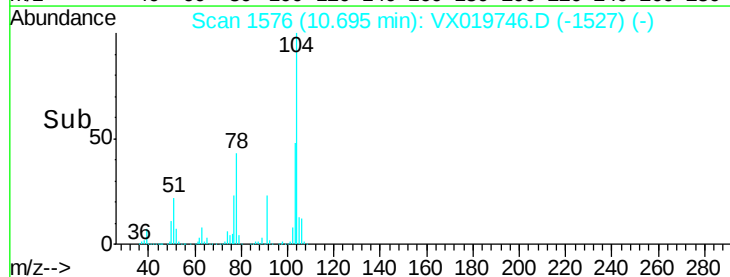
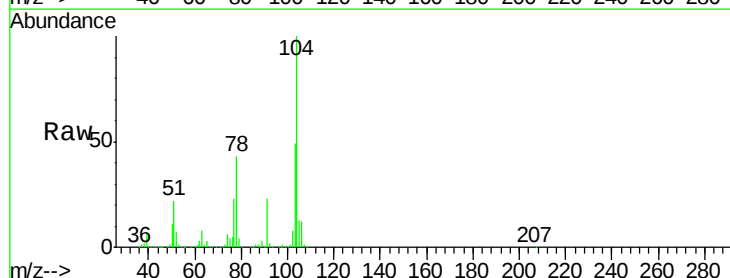
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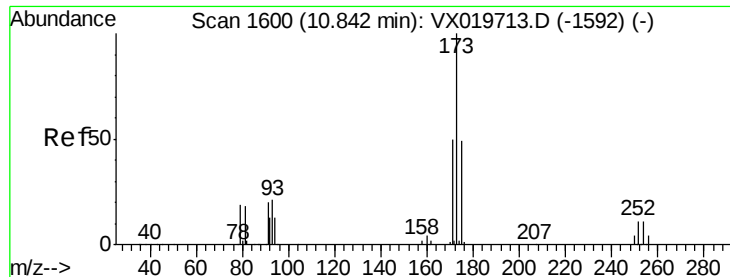
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#70
Styrene
Concen: 58.008 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion:104 Resp: 577424
Ion Ratio Lower Upper
104 100
78 49.4 40.0 60.0
103 54.1 43.4 65.0





#71

Bromoform

Concen: 60.329 ug/l

RT: 10.84 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 156572

Ion Ratio Lower Upper

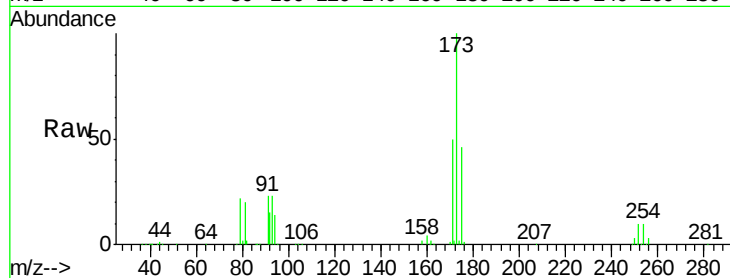
173 100

175 48.1 23.9 71.8

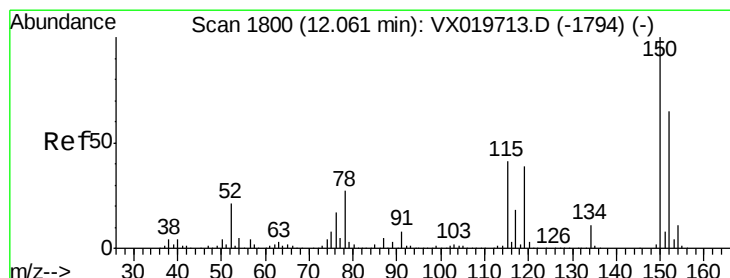
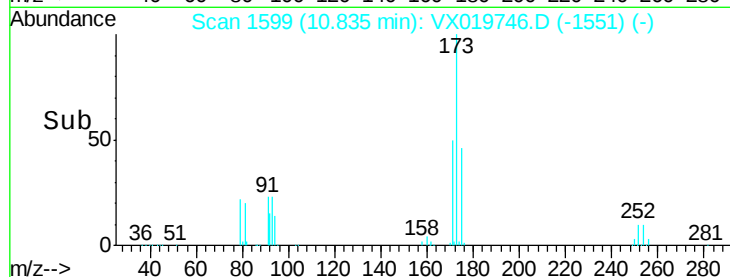
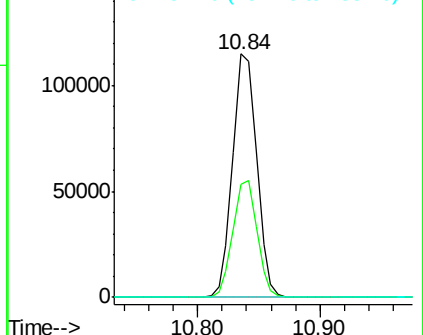
254 0.1 0.1 0.1#

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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: VX019746.D

Acq: 07 Dec 2020 11:47

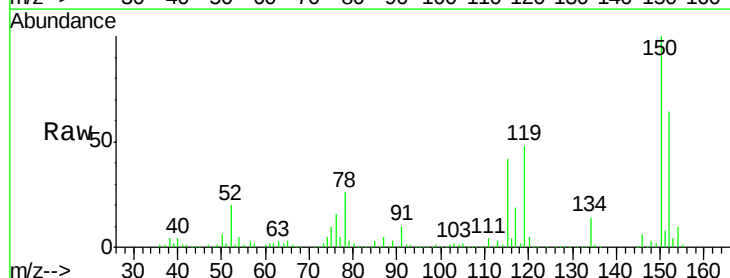
Tgt Ion:152 Resp: 236642

Ion Ratio Lower Upper

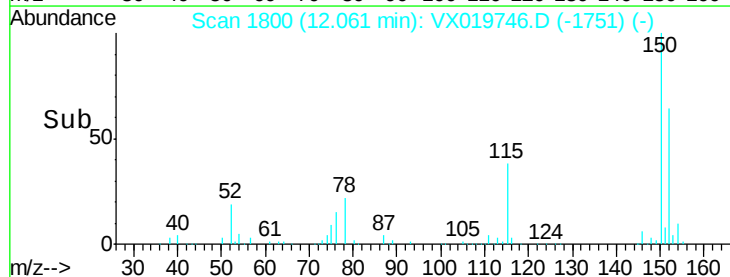
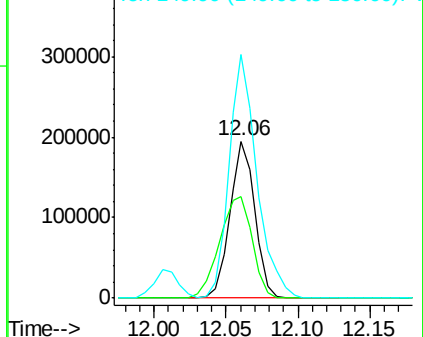
152 100

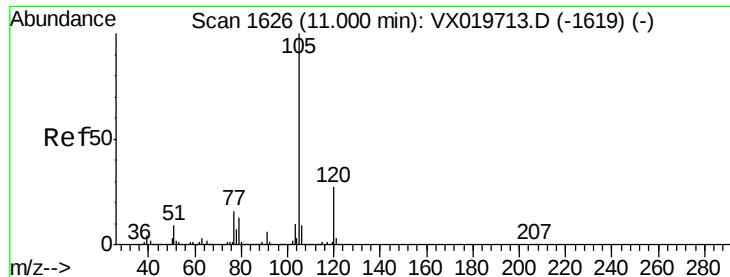
115 84.5 41.1 123.3

150 173.2 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: 55.712 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 900716

Ion Ratio Lower Upper

105 100

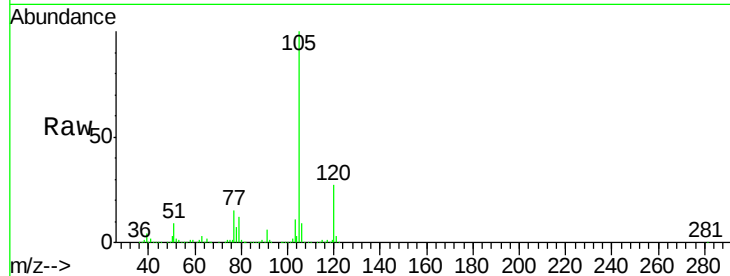
120 26.7 13.2 39.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

200000

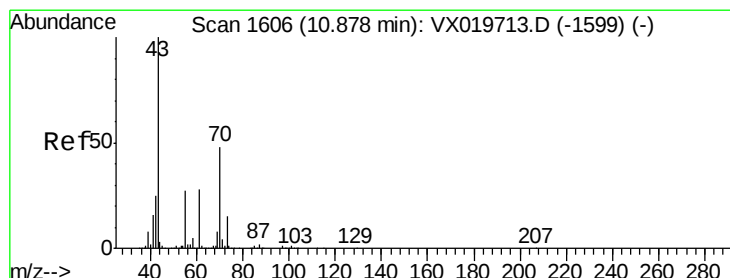
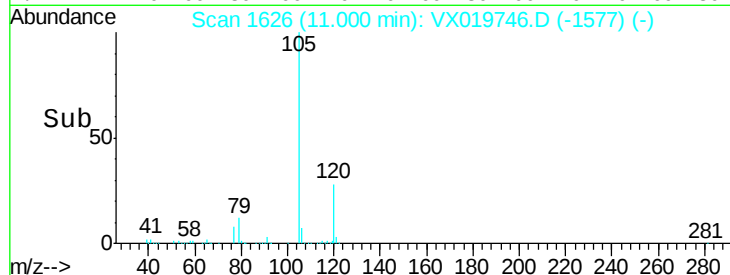
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 54.785 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Tgt Ion: 43 Resp: 354947

Ion Ratio Lower Upper

43 100

70 49.8 39.0 58.6

55 27.1 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

400000

300000

200000

100000

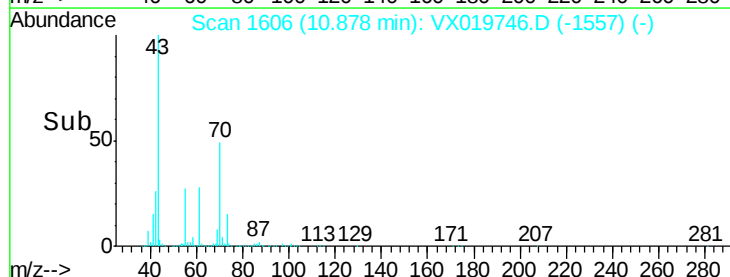
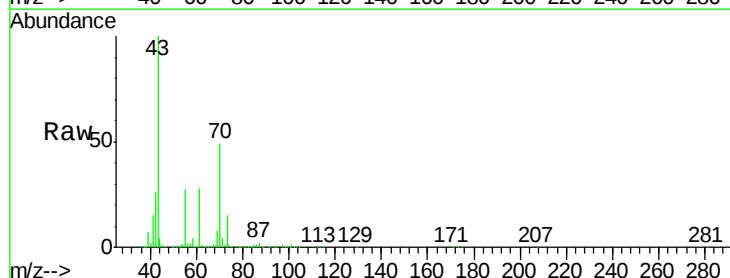
0

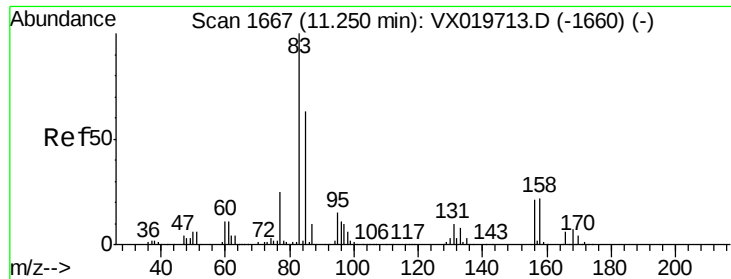
10.88

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 54.112 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 308436

Ion Ratio Lower Upper

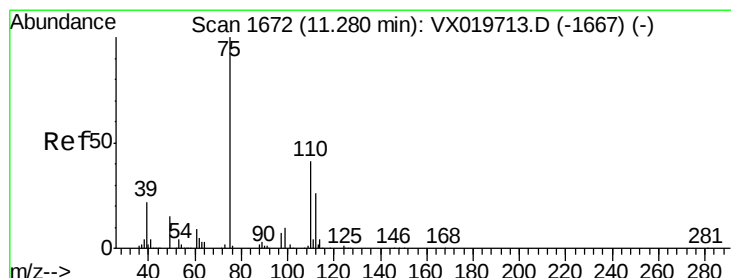
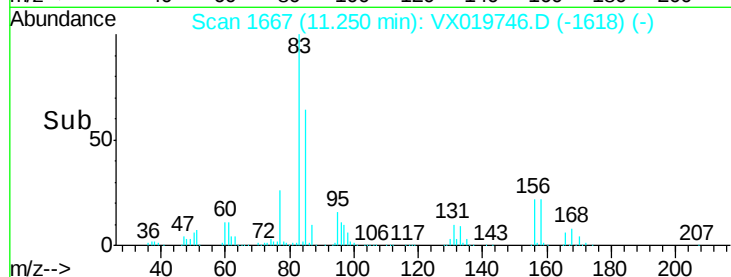
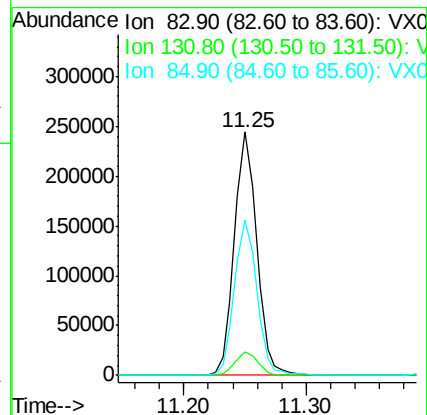
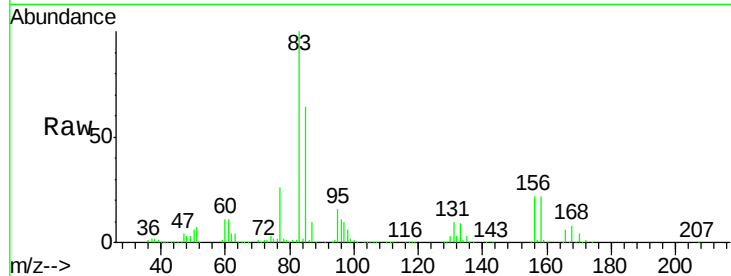
83 100

131 10.0 5.1 15.2

85 64.3 31.8 95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 55.238 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019746.D

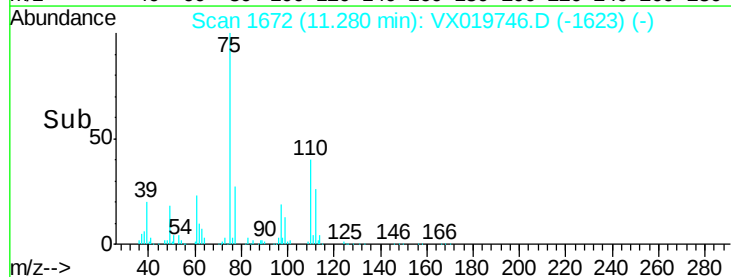
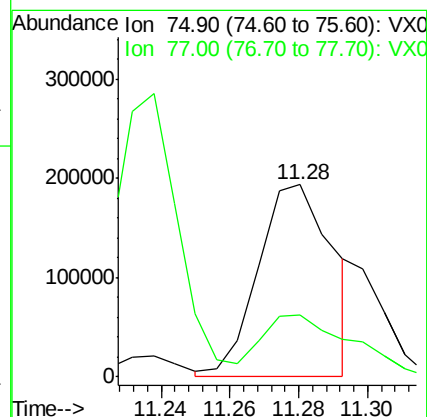
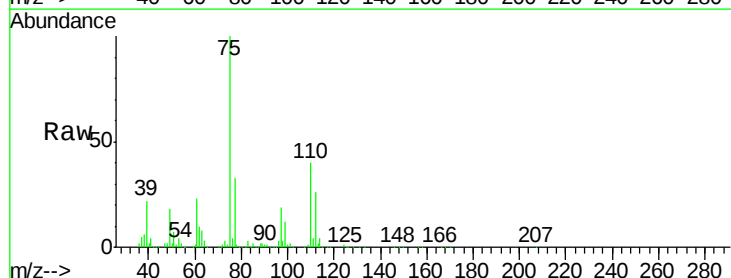
Acq: 07 Dec 2020 11:47

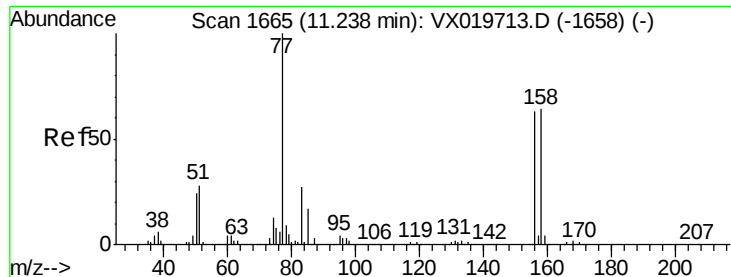
Tgt Ion: 75 Resp: 293173

Ion Ratio Lower Upper

75 100

77 38.7 19.1 57.5





#77

Bromobenzene

Concen: 55.314 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

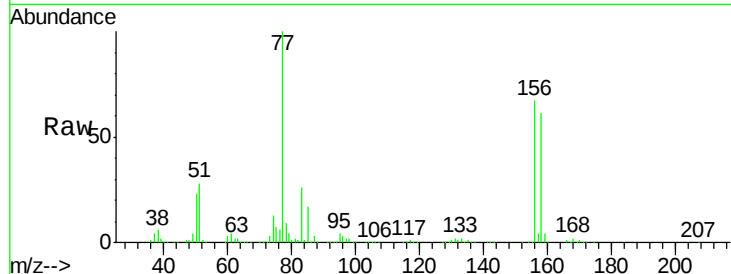
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	228856
Ion Ratio	Lower	Upper	
156	100		
77	162.3	82.8	248.6
158	95.5	49.1	147.4

Manual Integrations
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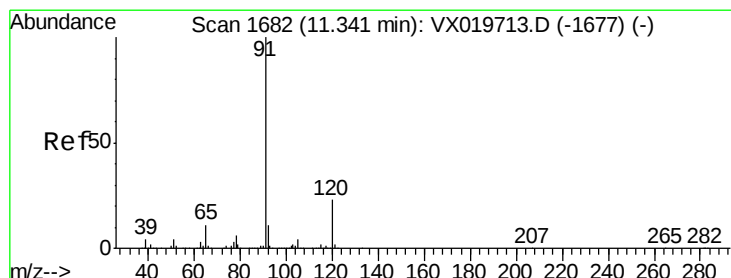
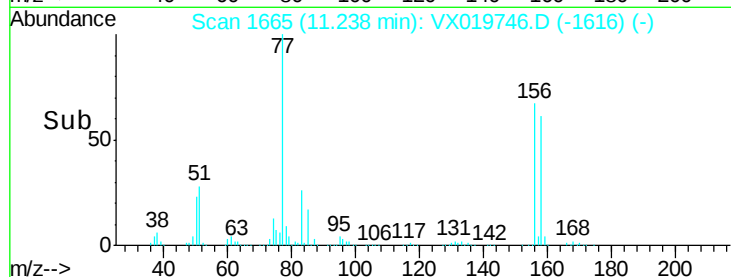
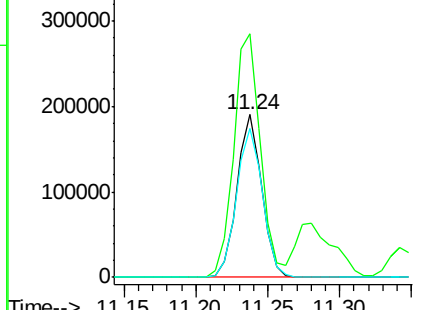
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.394 ug/l

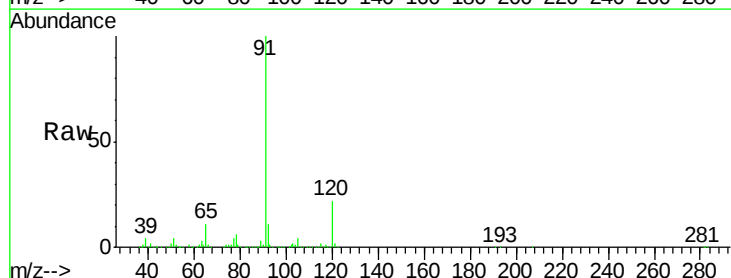
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019746.D

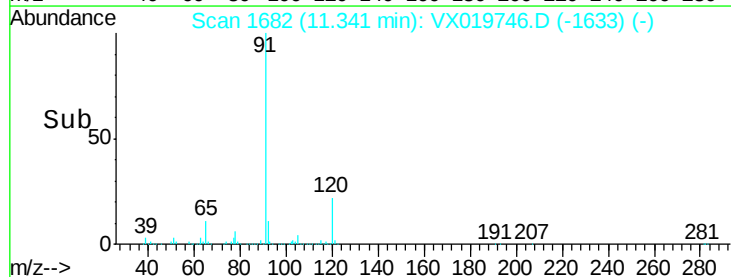
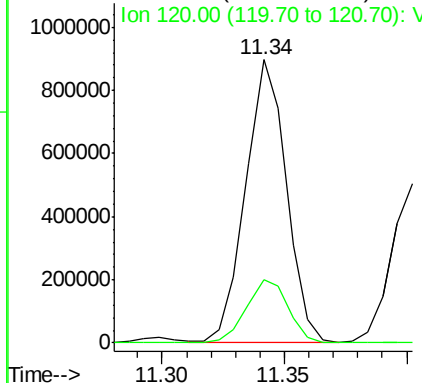
Acq: 07 Dec 2020 11:47

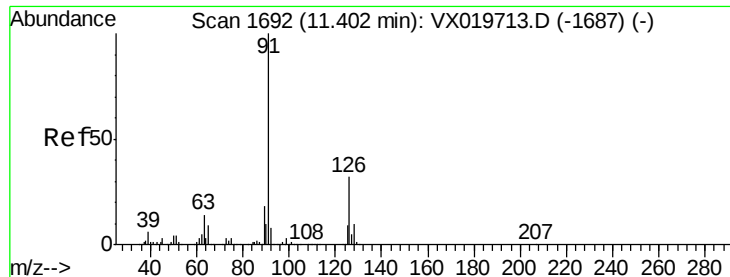
Tgt Ion:	91	Resp:	1041339
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.951 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019746.D

Acq: 07 Dec 2020 11:47

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 624865

Ion Ratio Lower Upper

91 100

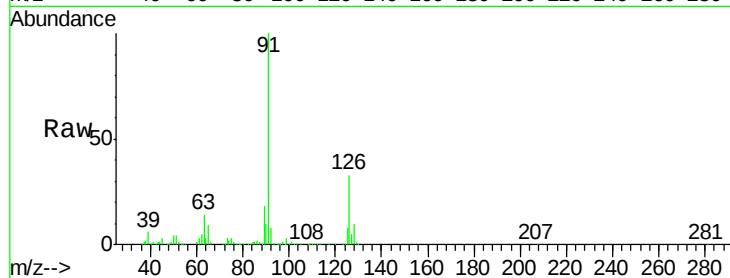
126 32.8 16.6 49.8

Manual Integrations

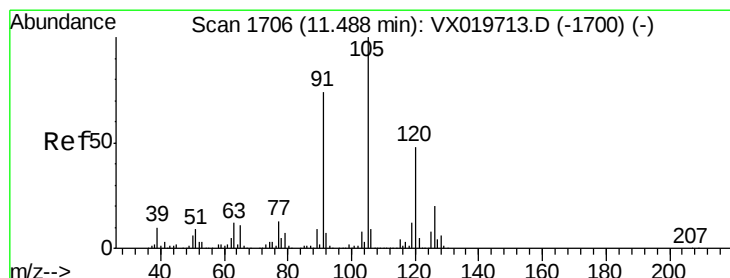
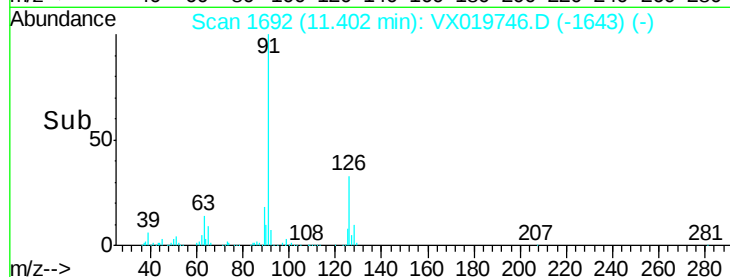
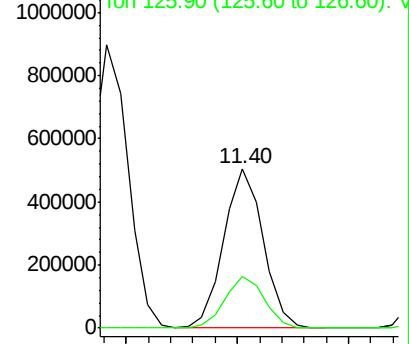
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Abundance Ion 91.00 (90.70 to 91.70): VX019713.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 55.981 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019746.D

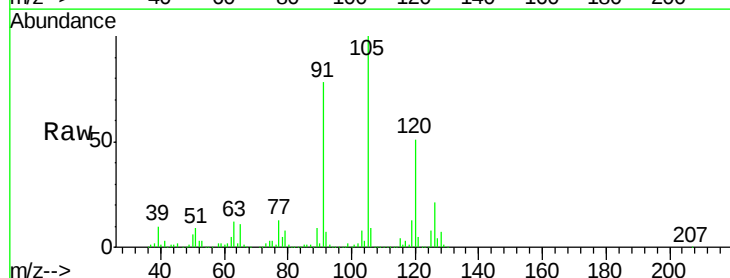
Acq: 07 Dec 2020 11:47

Tgt Ion: 105 Resp: 763839

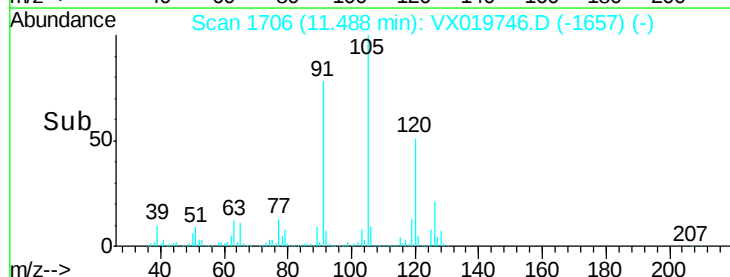
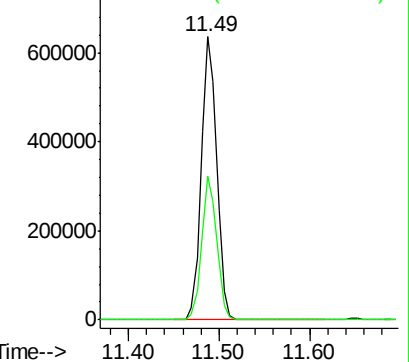
Ion Ratio Lower Upper

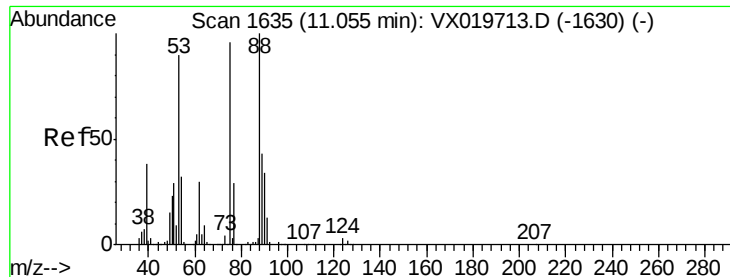
105 100

120 49.6 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): VX019713.D (-1700) (-)





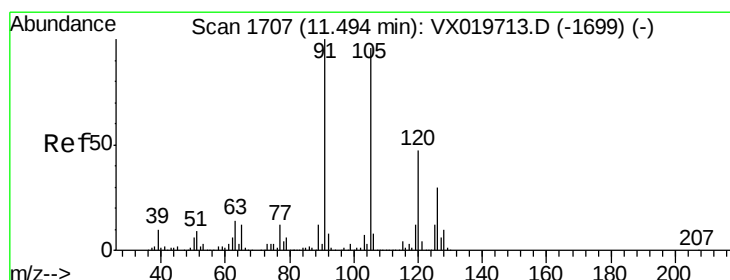
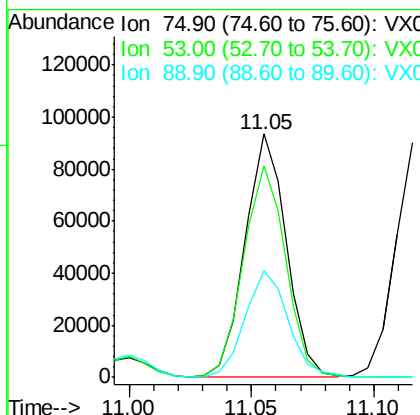
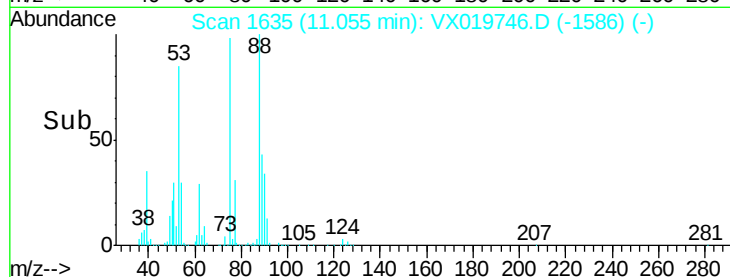
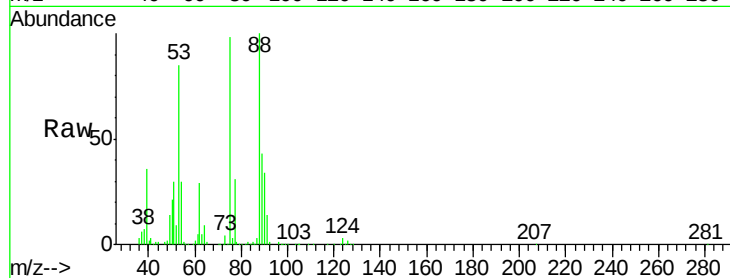
#81
trans-1,4-Dichloro-2-butene
Concen: 59.624 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.2	74.5	111.7
89	46.3	37.9	56.9

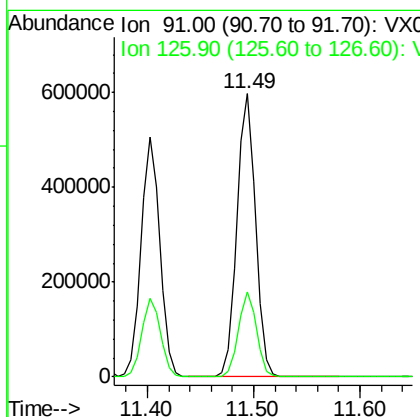
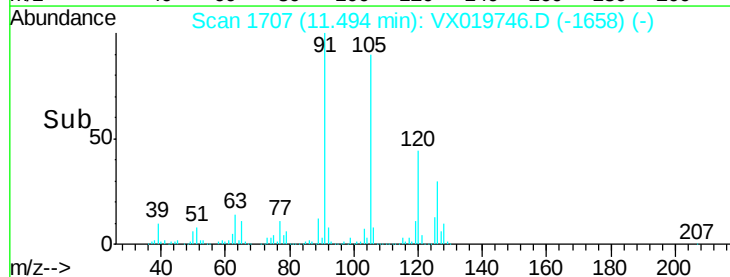
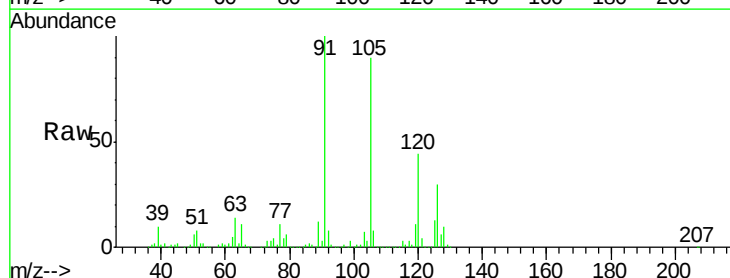
Manual Integrations
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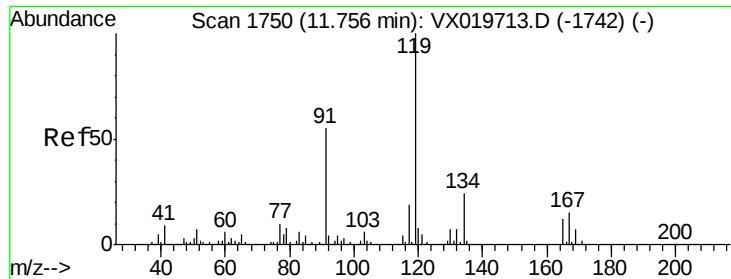
MMDadoda
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#82
4-Chlorotoluene
Concen: 55.075 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.9	44.5





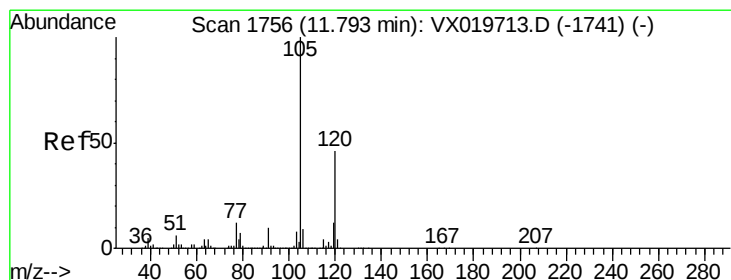
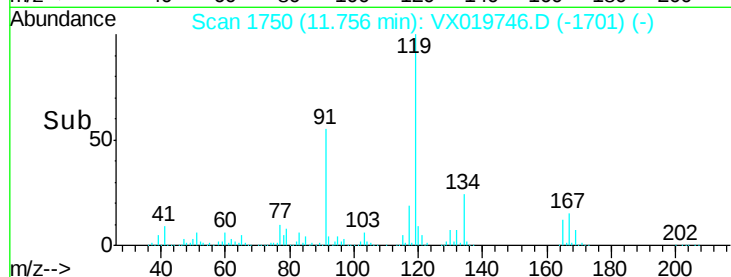
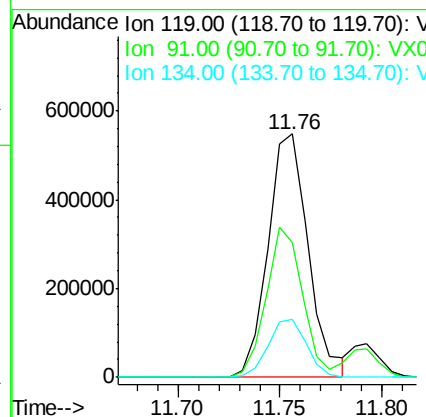
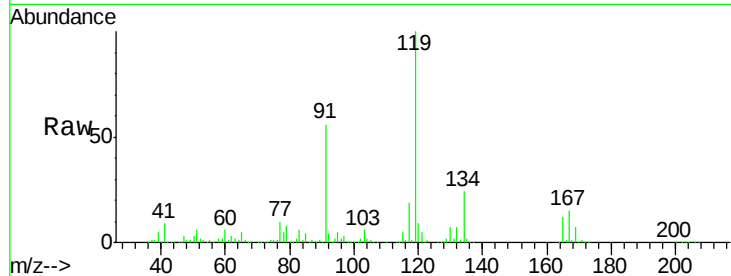
#83
 tert-Butylbenzene
 Concen: 56.388 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	754595		
91	56.0		27.9	83.7
134	23.0		11.3	33.9

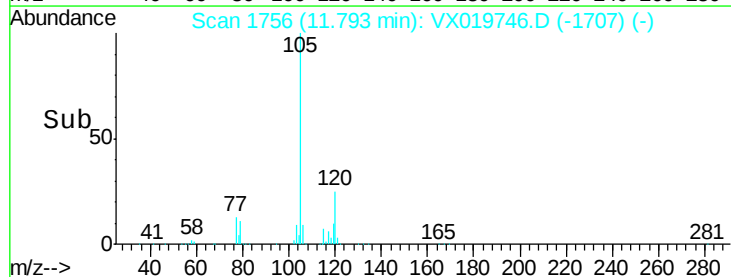
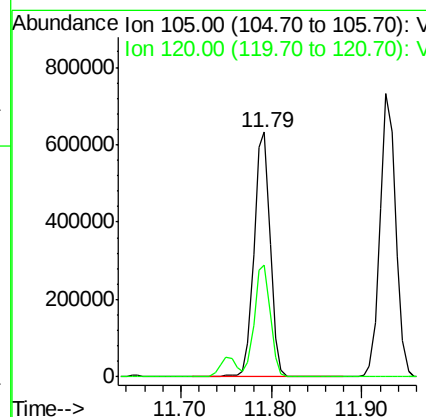
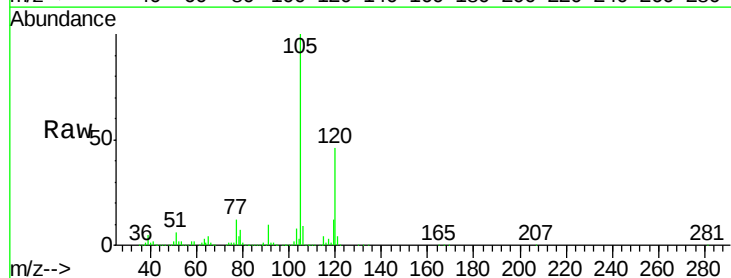
Manual Integrations
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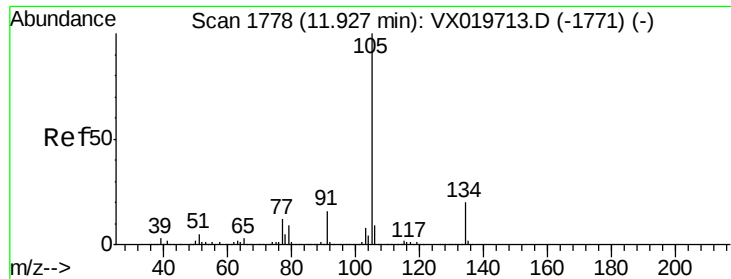
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 56.637 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	778457		
120	45.0		22.4	67.3





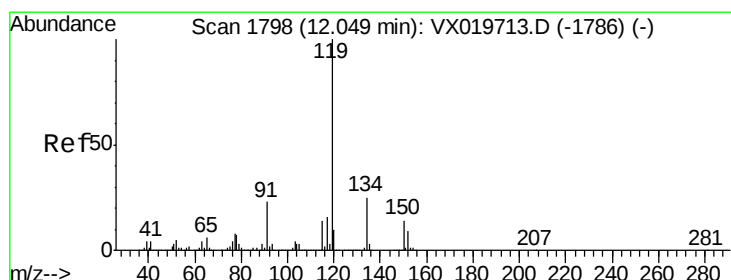
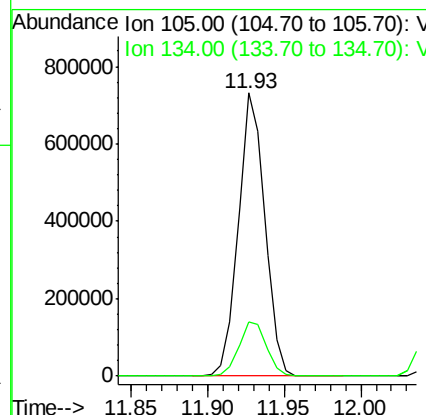
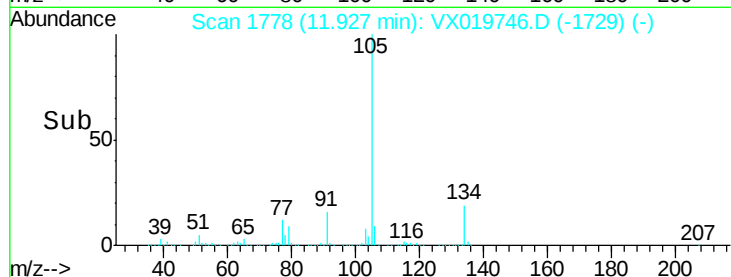
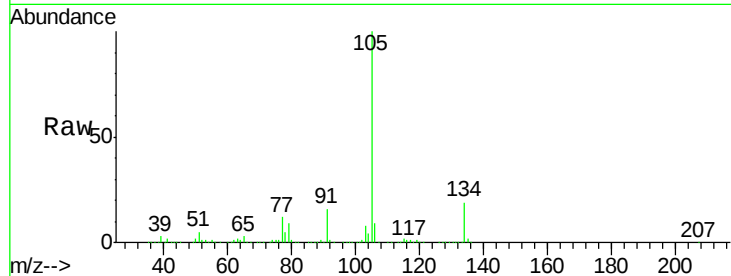
#85
 sec-Butylbenzene
 Concen: 57.270 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.0	29.8

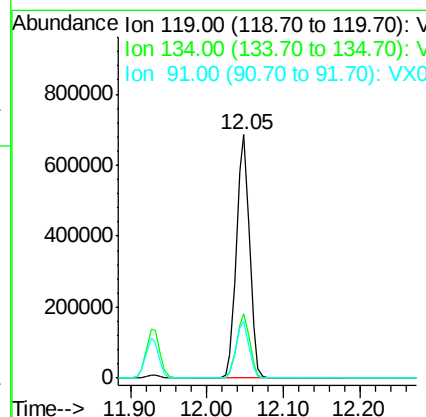
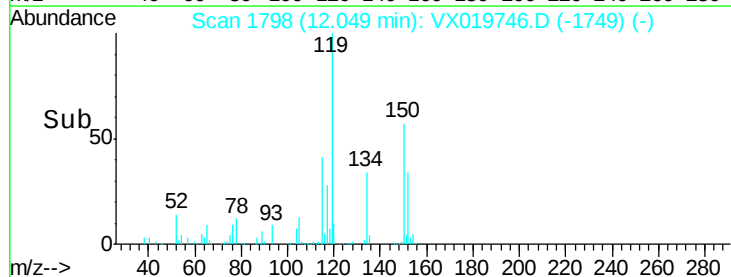
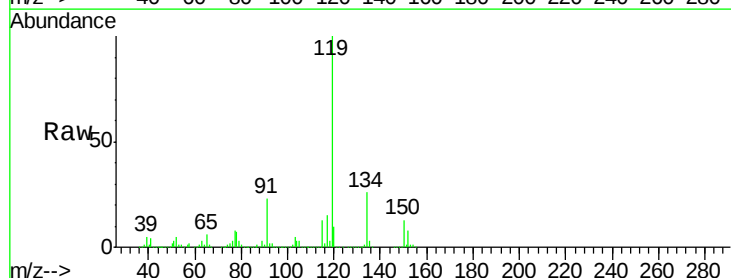
Manual Integrations
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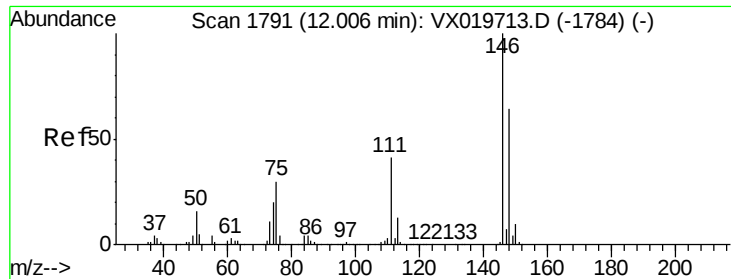
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#86
 p-Isopropyltoluene
 Concen: 58.076 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.9	38.7
91	23.4	11.7	35.0





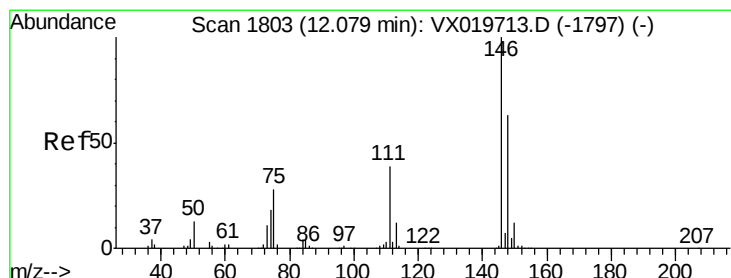
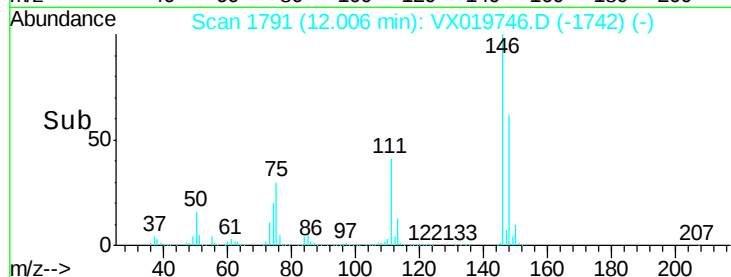
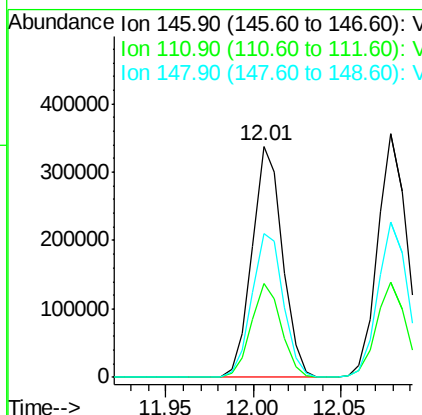
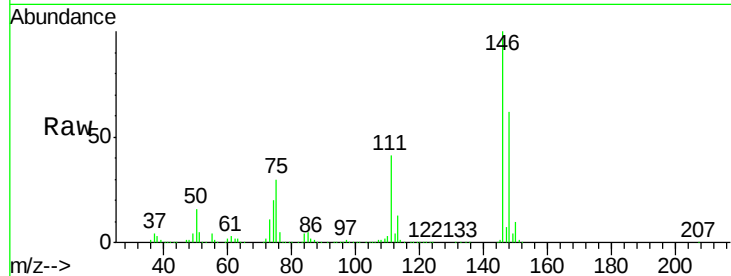
#87
 1,3-Dichlorobenzene
 Concen: 53.754 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.2	60.5
148	64.6	31.9	95.7

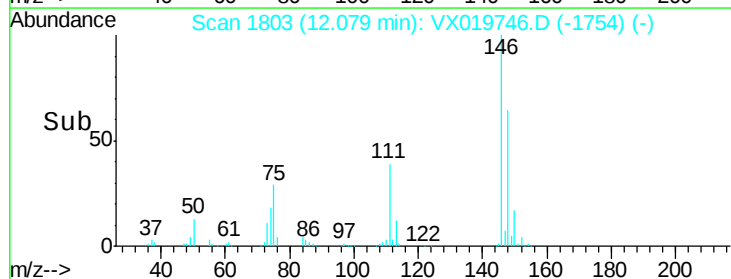
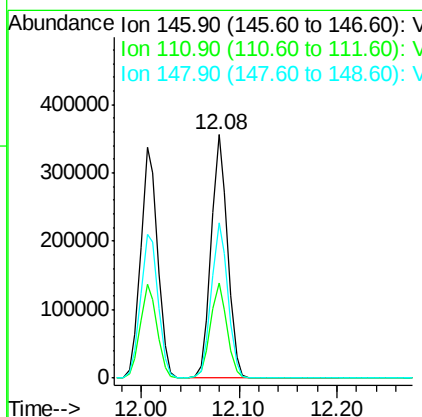
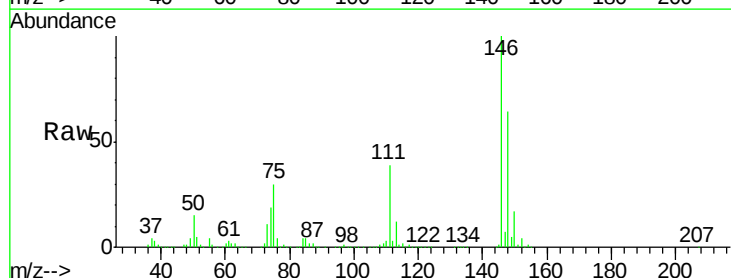
Manual Integrations
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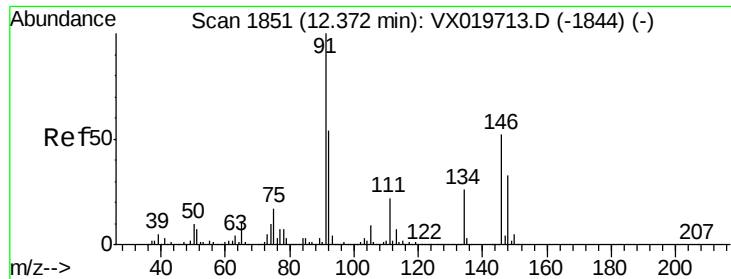
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 12/8/2020 5:05:05 PM



#88
 1,4-Dichlorobenzene
 Concen: 53.543 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.8
148	64.6	31.6	95.0





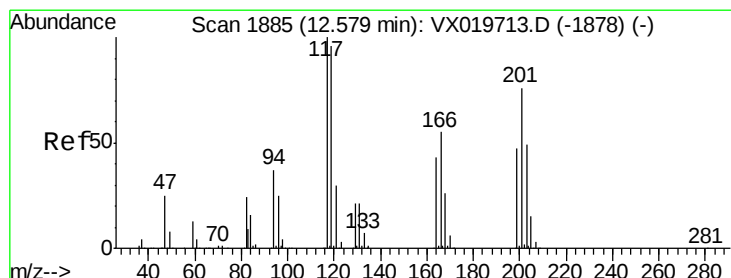
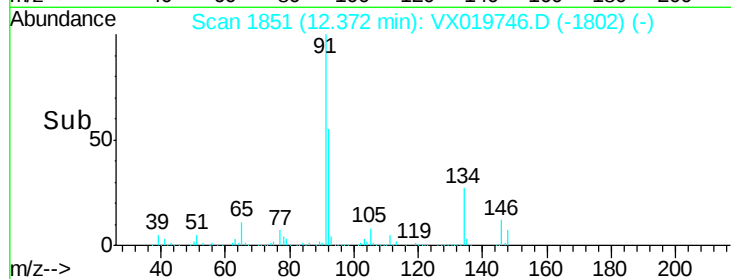
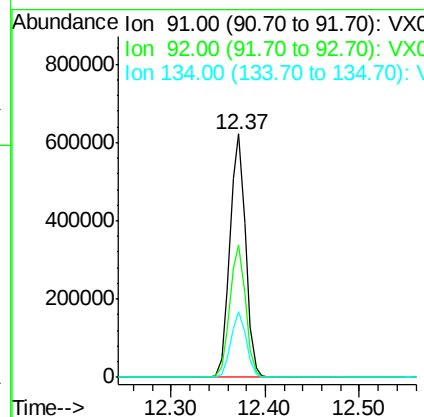
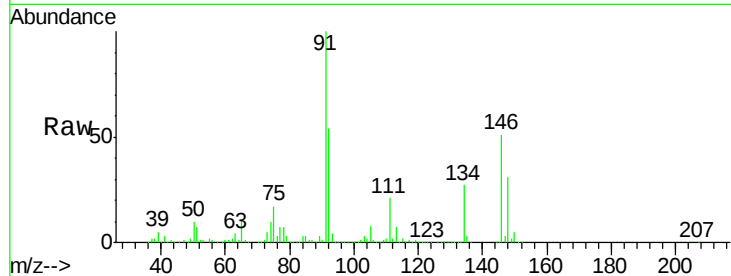
#89
n-Butylbenzene
Concen: 57.744 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.4	82.0
134	26.5	13.2	39.5

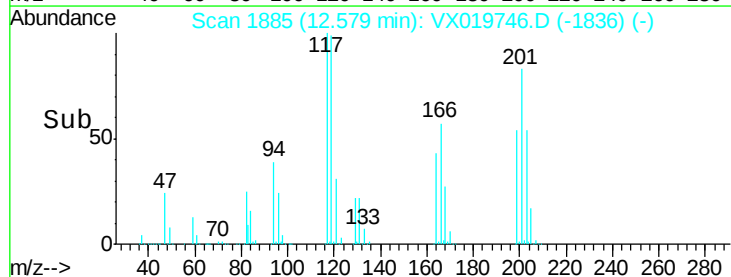
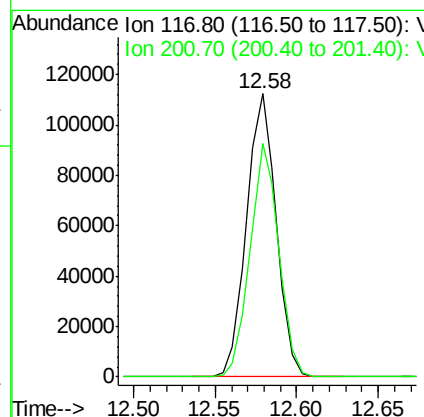
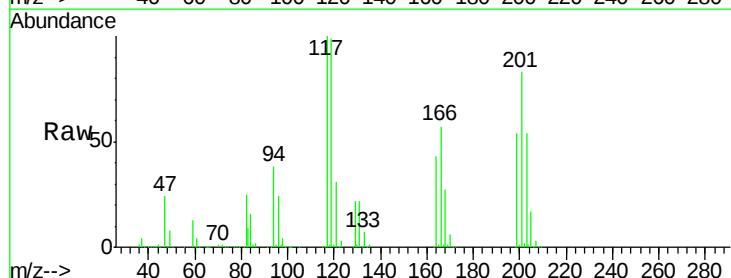
Manual Integrations
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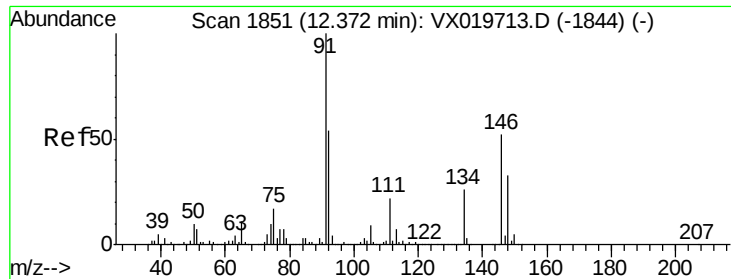
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#90
Hexachloroethane
Concen: 58.882 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.0	40.4	121.2





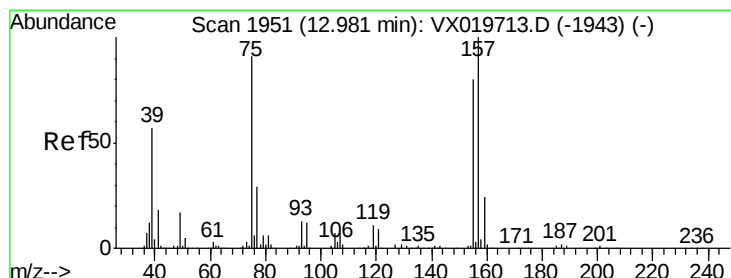
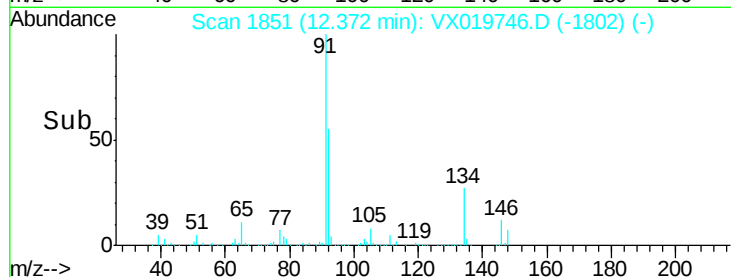
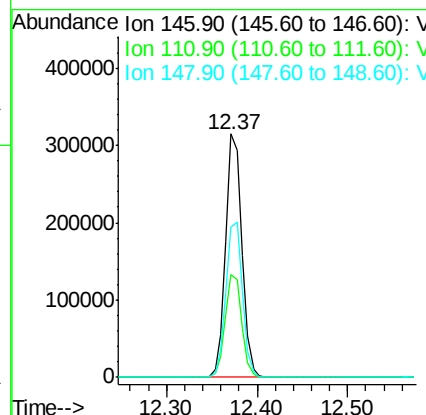
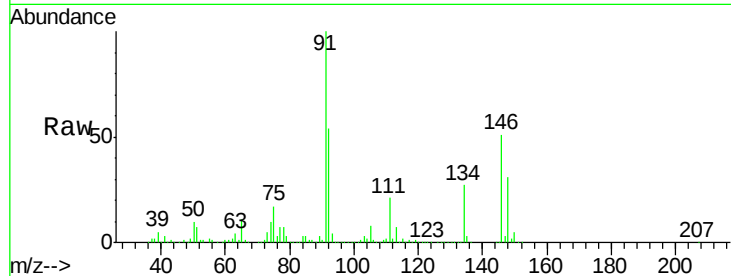
#91
 1,2-Dichlorobenzene
 Concen: 53.156 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.8	62.2
148	65.2	31.9	95.5

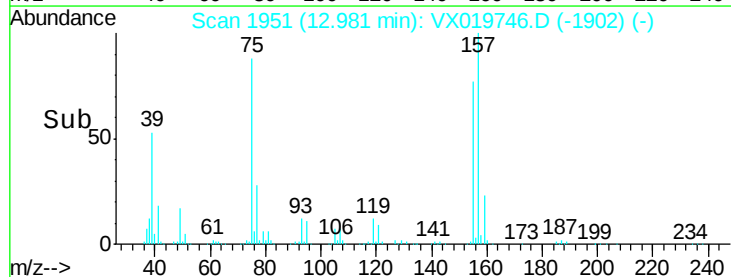
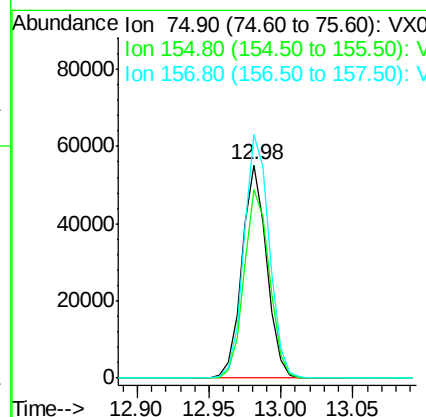
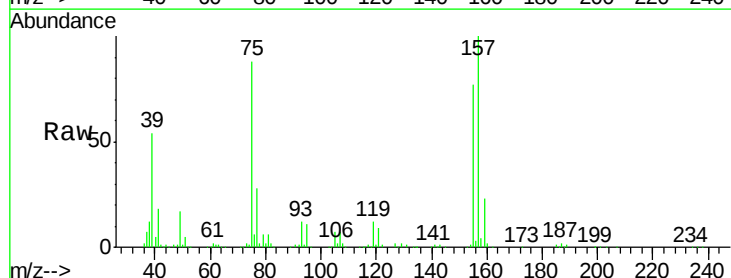
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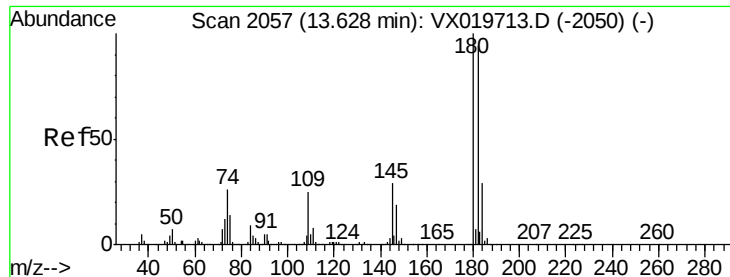
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.831 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.1	45.3	135.9
157	116.4	57.7	173.1





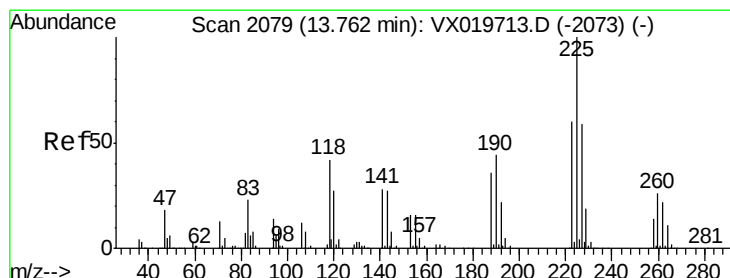
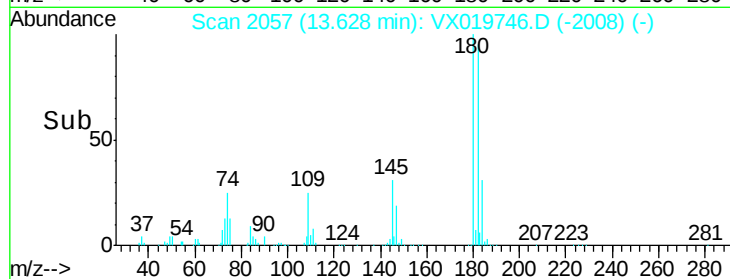
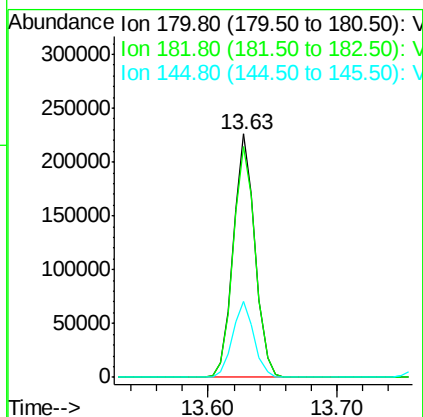
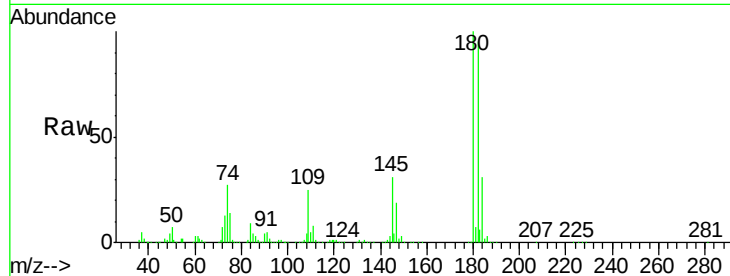
#93
 1,2,4-Trichlorobenzene
 Concen: 55.060 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	265316		
182	97.3	47.7	143.1	
145	30.6	15.0	45.0	

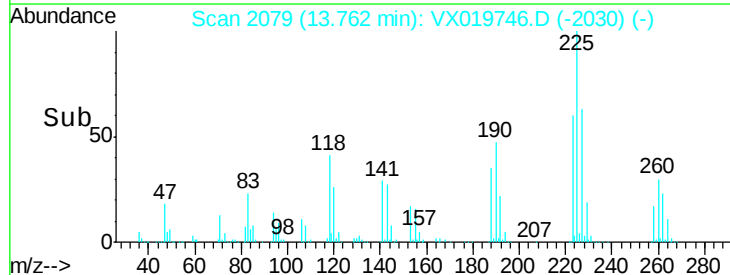
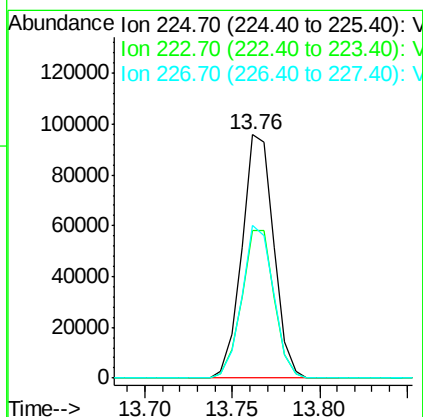
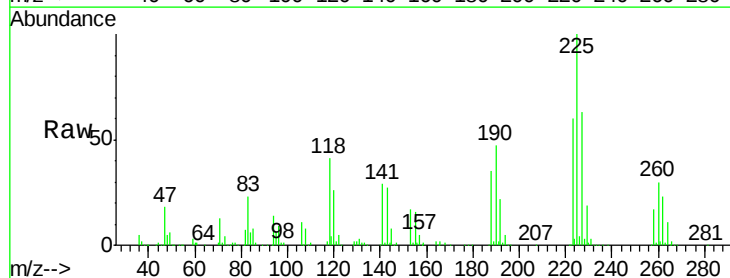
Manual Integrations
 APPROVED

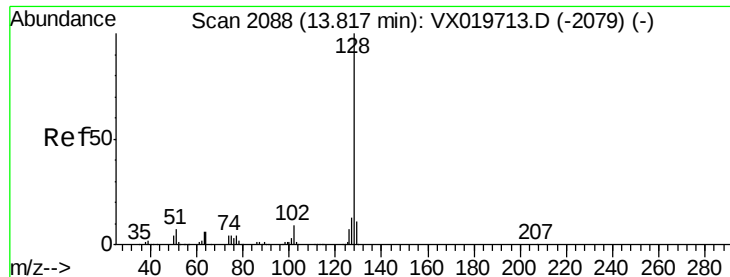
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#94
 Hexachlorobutadiene
 Concen: 55.987 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019746.D
 Acq: 07 Dec 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	120581		
223	61.8	31.1	93.2	
227	62.1	31.6	95.0	





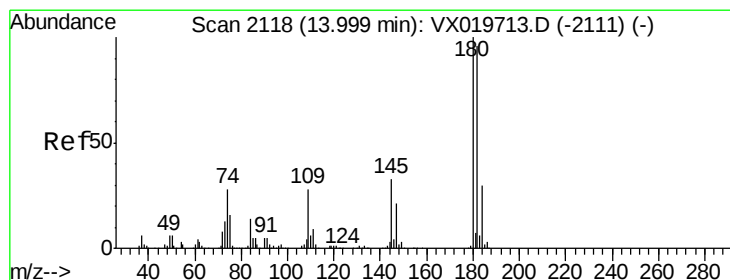
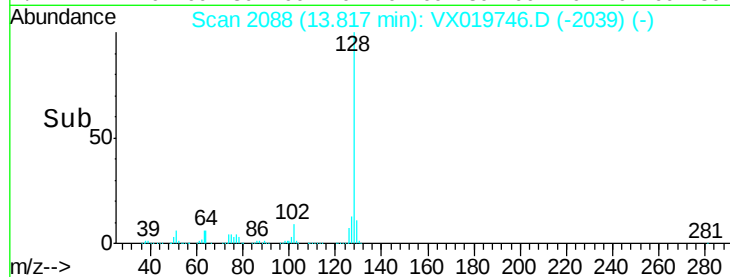
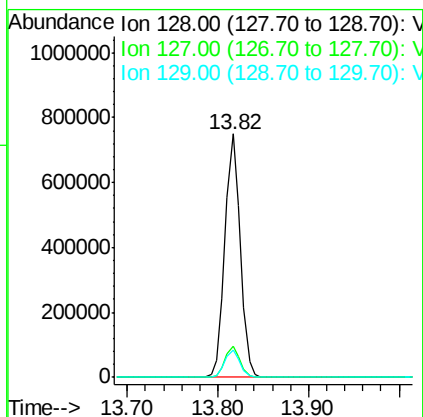
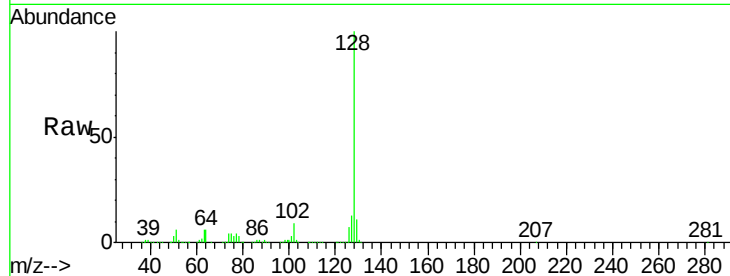
#95
Naphthalene
Concen: 56.392 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
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#96
1,2,3-Trichlorobenzene
Concen: 55.091 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019746.D
Acq: 07 Dec 2020 11:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.6	142.9
145	32.4	16.1	48.3

