

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102320\
 Data File : VX019114.D
 Acq On : 24 Oct 2020 07:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 10:03:24 AM

Quant Time: Oct 26 06:39:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	218816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	372075	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	339838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	179132	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	128333	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	5.46	113	114067	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
50) Toluene-d8	8.70	98	431123	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
62) 4-Bromofluorobenzene	11.12	95	154990	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	106589	48.903	ug/l	100
3) Chloromethane	1.31	50	94904	43.793	ug/l	99
4) Vinyl Chloride	1.39	62	124349	48.629	ug/l	99
5) Bromomethane	1.63	94	78477	31.693	ug/l	97
6) Chloroethane	1.71	64	83146	45.997	ug/l	99
7) Trichlorofluoromethane	1.92	101	212023	49.066	ug/l	99
8) Diethyl Ether	2.17	74	80942	47.837	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	98754	48.240	ug/l	99
10) Methyl Iodide	2.49	142	104114	37.396	ug/l	98
11) Tert butyl alcohol	3.01	59	127803	240.751	ug/l	100
12) 1,1-Dichloroethene	2.36	96	102787	48.262	ug/l	99
13) Acrolein	2.27	56	52679	262.445	ug/l	99
14) Allyl chloride	2.71	41	126423	45.885	ug/l	100
15) Acrylonitrile	3.11	53	245262	238.923	ug/l	99
16) Acetone	2.42	43	207764	232.720	ug/l	99
17) Carbon Disulfide	2.55	76	265642	43.247	ug/l	99
18) Methyl Acetate	2.75	43	109359	49.364	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	329126	48.785	ug/l	100
20) Methylene Chloride	2.84	84	118987	47.874	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	118366	47.628	ug/l	98
22) Diisopropyl ether	3.82	45	265956	48.952	ug/l	96
23) Vinyl Acetate	3.78	43	1243605	241.059	ug/l	99
24) 1,1-Dichloroethane	3.67	63	194060	49.047	ug/l	99
25) 2-Butanone	4.64	43	334954	237.448	ug/l	99
26) 2,2-Dichloropropane	4.56	77	132434	36.252	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	138584	49.136	ug/l	96
28) Bromochloromethane	4.98	49	79852	47.528	ug/l	99
29) Tetrahydrofuran	5.09	42	196497	233.054	ug/l	100
30) Chloroform	5.18	83	214560	49.948	ug/l	100
31) Cyclohexane	5.55	56	143680	46.811	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	192230	49.341	ug/l	99
36) 1,1-Dichloropropene	5.77	75	159518	47.780	ug/l	99
37) Ethyl Acetate	4.79	43	133363	46.801	ug/l	100
38) Carbon Tetrachloride	5.75	117	165890	47.340	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	164994	44.111	ug/l	97
40) Benzene	6.11	78	472290	48.033	ug/l	98
41) Methacrylonitrile	5.00	41	71015	46.394	ug/l	99
42) 1,2-Dichloroethane	6.16	62	164109	48.906	ug/l	99
43) Isopropyl Acetate	6.41	43	224268	46.470	ug/l	99
44) Trichloroethene	7.19	130	135148	47.131	ug/l	99
45) 1,2-Dichloropropane	7.49	63	113634	48.180	ug/l	98
46) Dibromomethane	7.63	93	84840	47.228	ug/l	99
47) Bromodichloromethane	7.87	83	172225	48.897	ug/l	99
48) Methyl methacrylate	7.74	41	107680	45.283	ug/l	99
49) 1,4-Dioxane	7.73	88	53416	994.201	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	676457	237.873	ug/l	99
52) Toluene	8.77	92	311288	47.932	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	178003	44.753	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	189322	45.075	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	125783	47.510	ug/l	99
56) Ethyl methacrylate	9.16	69	182847	48.005	ug/l	100
57) 1,3-Dichloropropane	9.35	76	203255	48.368	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	479901	239.846	ug/l	100
59) 2-Hexanone	9.47	43	508991	240.178	ug/l	100
60) Dibromochloromethane	9.57	129	137961	47.810	ug/l	99
61) 1,2-Dibromoethane	9.65	107	132796	46.880	ug/l	99
64) Tetrachloroethene	9.32	164	122340	47.283	ug/l #	84
65) Chlorobenzene	10.12	112	341199	47.865	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	125674	49.588	ug/l	99
67) Ethyl Benzene	10.24	91	594720	48.400	ug/l	99
68) m/p-Xylenes	10.34	106	457872	97.276	ug/l	100
69) o-Xylene	10.68	106	219524	48.731	ug/l	98
70) Styrene	10.70	104	374971	49.027	ug/l	100
71) Bromoform	10.84	173	99410	48.590	ug/l	99
73) Isopropylbenzene	11.00	105	591524	45.903	ug/l	99
74) N-amyl acetate	10.88	43	191083	46.281	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	191842	49.417	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	166928m	46.624	ug/l	
77) Bromobenzene	11.24	156	144523	44.408	ug/l	98
78) n-propylbenzene	11.34	91	661997	45.336	ug/l	100
79) 2-Chlorotoluene	11.40	91	383557	45.026	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	496176	46.627	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	54563	38.827	ug/l	98
82) 4-Chlorotoluene	11.49	91	460775	45.459	ug/l	99
83) tert-Butylbenzene	11.76	119	483622	46.134	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	499284	46.856	ug/l	99
85) sec-Butylbenzene	11.93	105	574270	45.270	ug/l	99
86) p-Isopropyltoluene	12.05	119	532449	45.937	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	275466	46.142	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	280800	45.833	ug/l	99
89) n-Butylbenzene	12.37	91	472828	44.566	ug/l	100
90) Hexachloroethane	12.58	117	82858	46.695	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	273909	49.209	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	40535	45.855	ug/l	99

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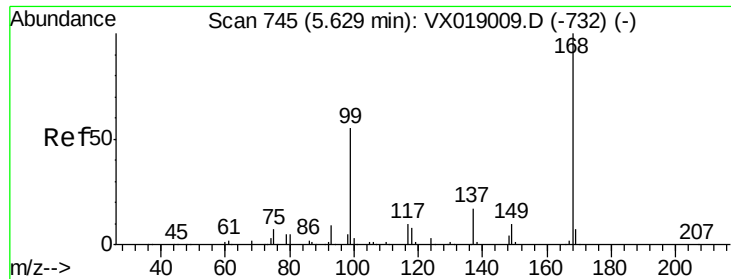
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	189052	46.424	ug/l	98
94) Hexachlorobutadiene	13.76	225	76498	40.519	ug/l	97
95) Naphthalene	13.82	128	615069	48.004	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	183329	46.250	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 218816

Ion Ratio Lower Upper

168 100

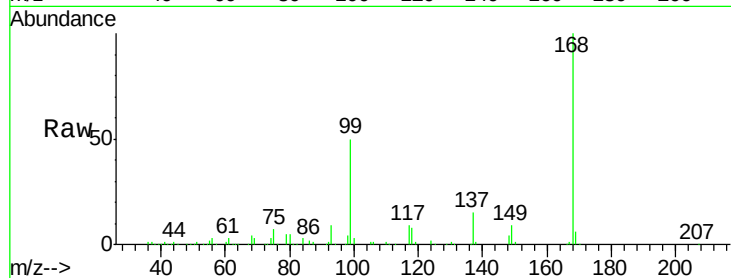
99 50.1 44.2 66.2

Manual Integrations

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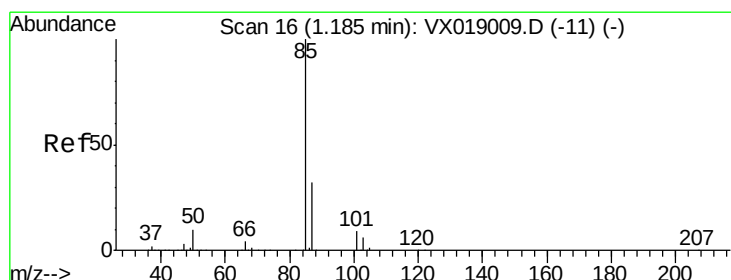
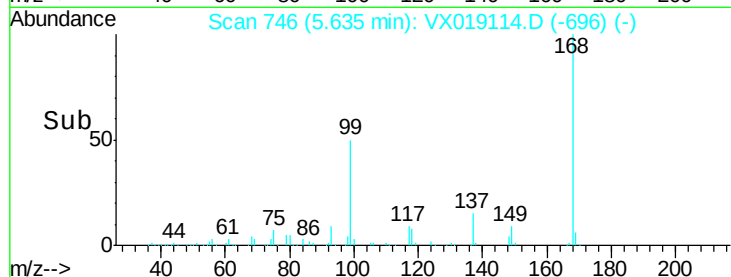
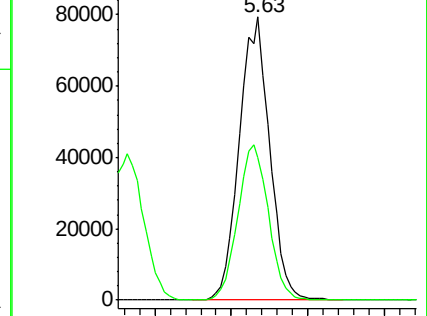
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.903 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019114.D

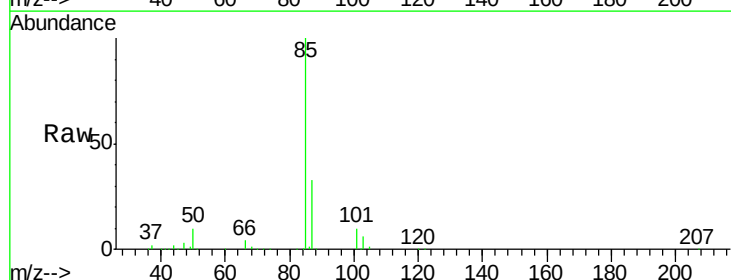
Acq: 24 Oct 2020 07:50

Tgt Ion: 85 Resp: 106589

Ion Ratio Lower Upper

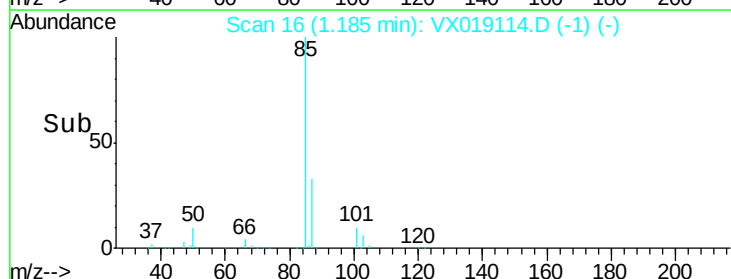
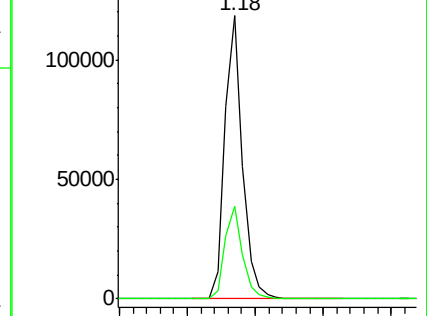
85 100

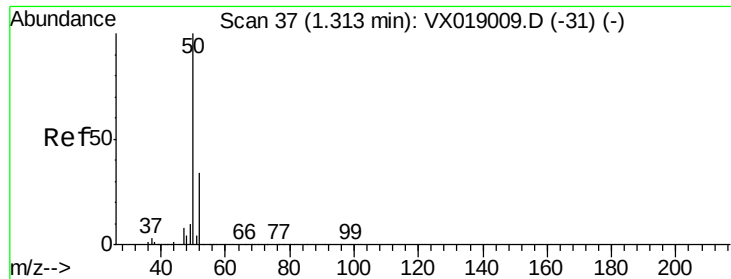
87 32.5 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.793 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 94904

Ion Ratio Lower Upper

50 100

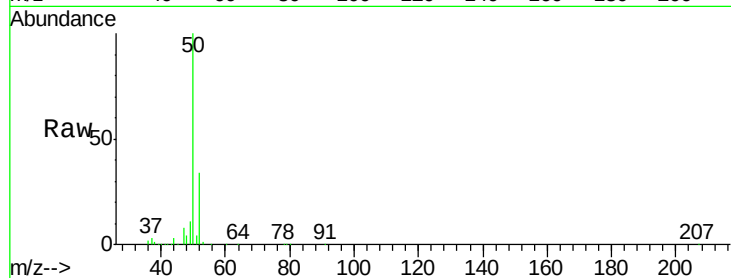
52 34.4 27.0 40.6

Manual Integrations

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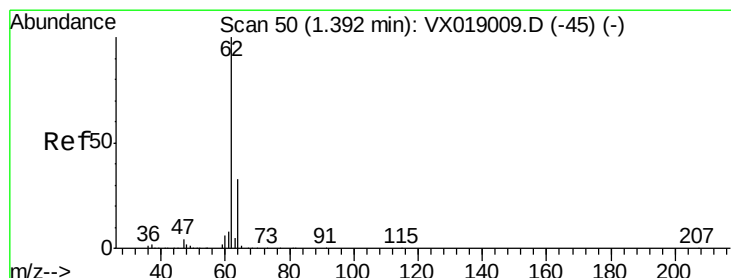
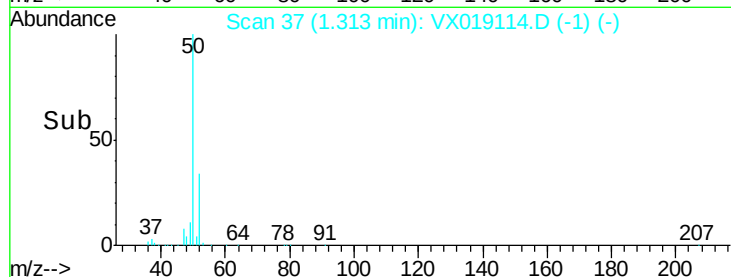
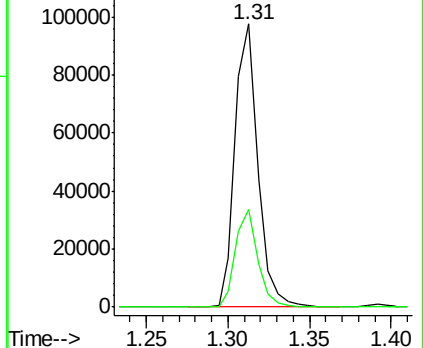
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.629 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019114.D

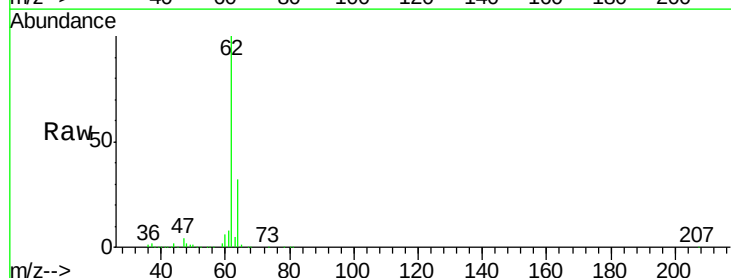
Acq: 24 Oct 2020 07:50

Tgt Ion: 62 Resp: 124349

Ion Ratio Lower Upper

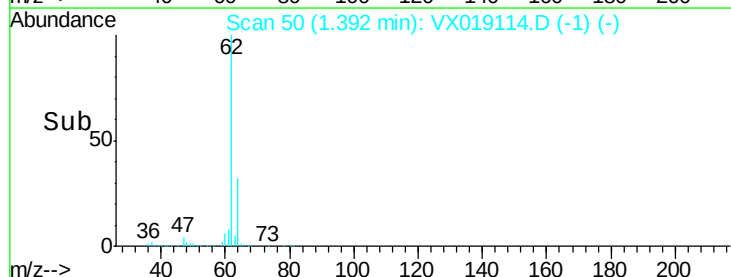
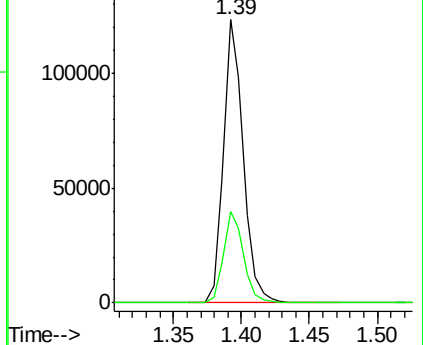
62 100

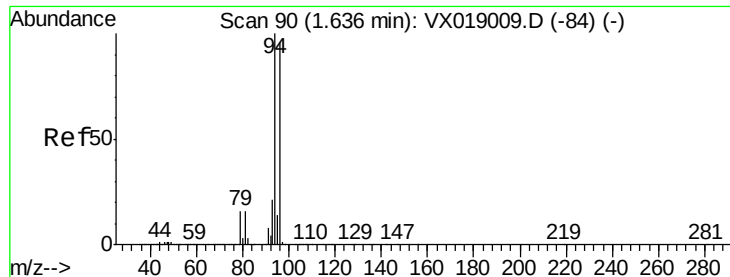
64 32.4 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 31.693 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 78477

Ion Ratio Lower Upper

94 100

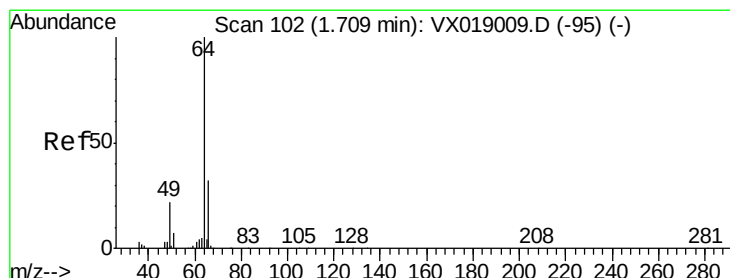
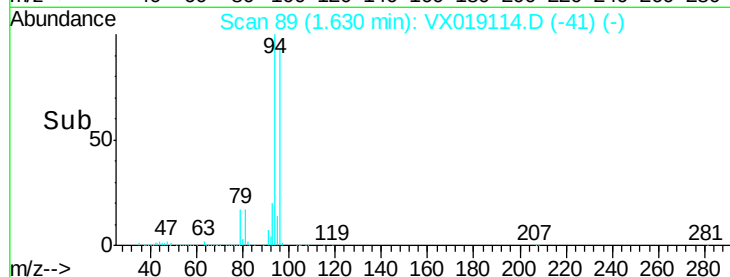
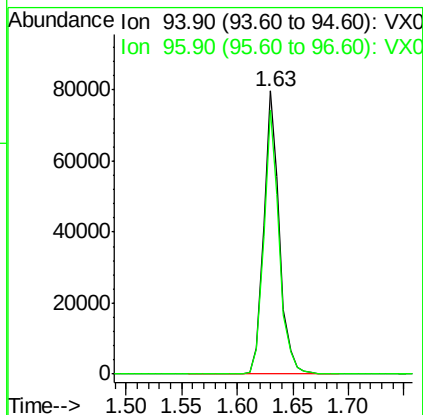
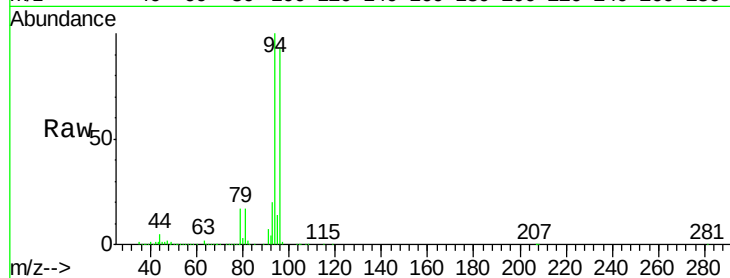
96 93.3 77.1 115.7

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#6

Chloroethane

Concen: 45.997 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019114.D

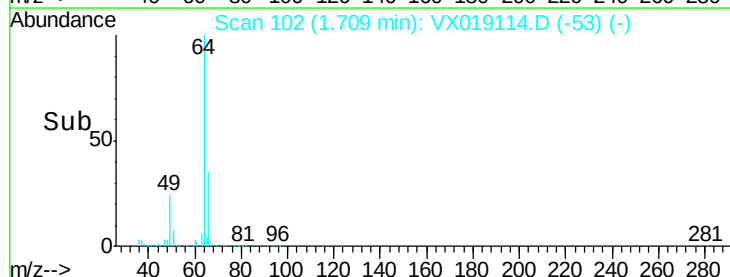
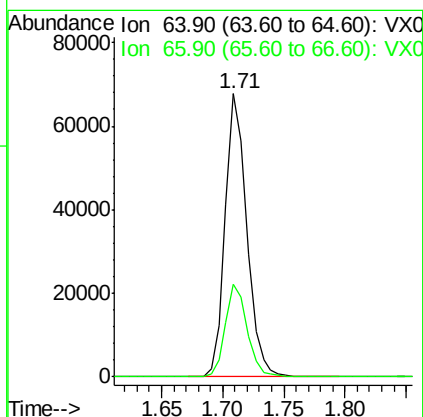
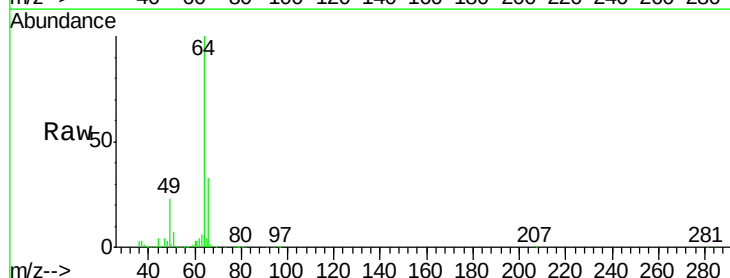
Acq: 24 Oct 2020 07:50

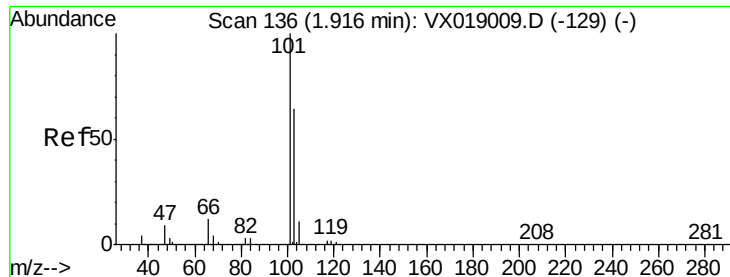
Tgt Ion: 64 Resp: 83146

Ion Ratio Lower Upper

64 100

66 32.6 25.7 38.5





#7

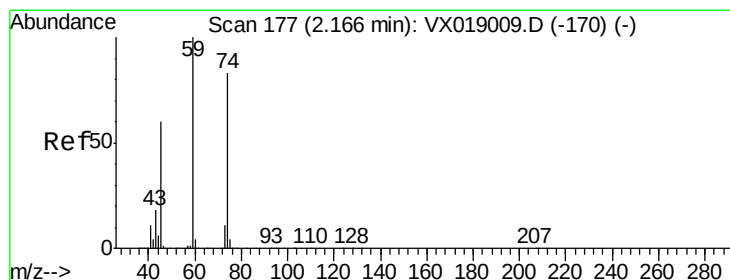
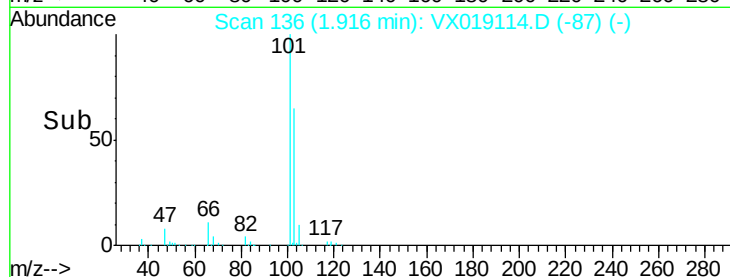
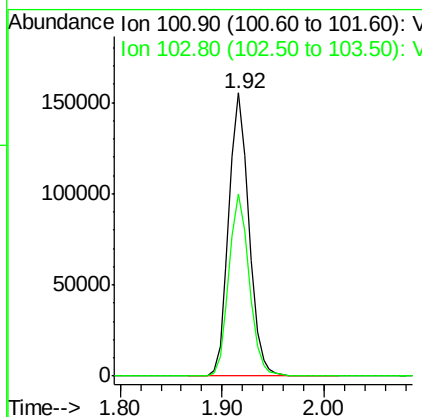
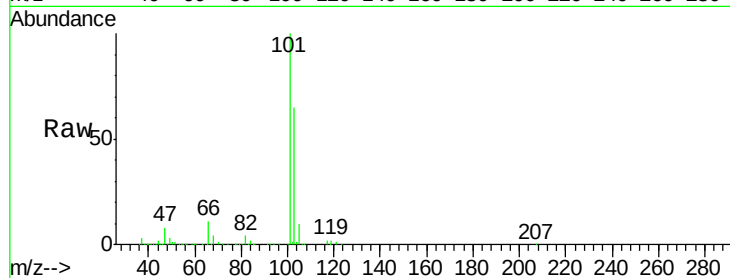
Trichlorofluoromethane
Concen: 49.066 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.2	76.8

Manual Integrations
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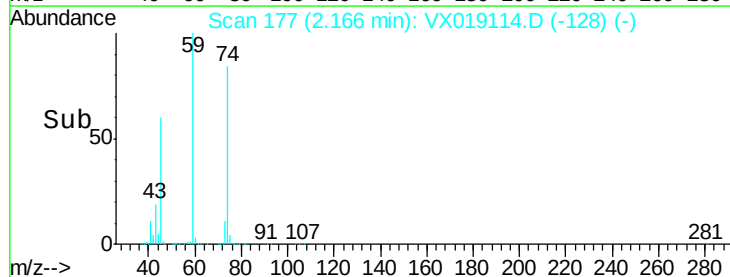
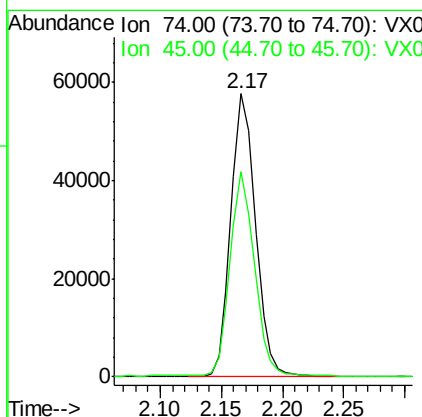
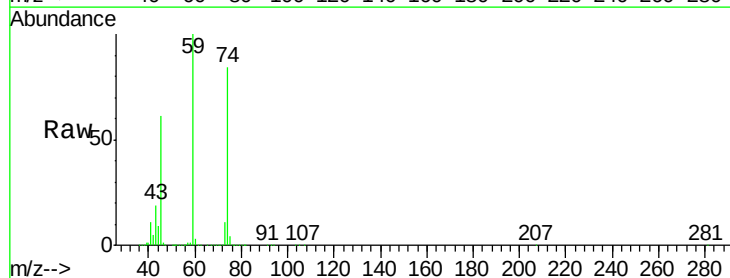
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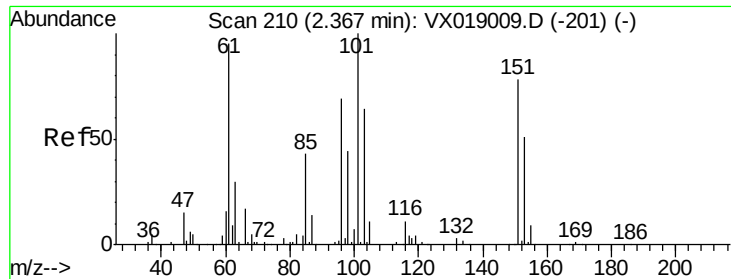


#8

Diethyl Ether
Concen: 47.837 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	72.2	36.8	110.4





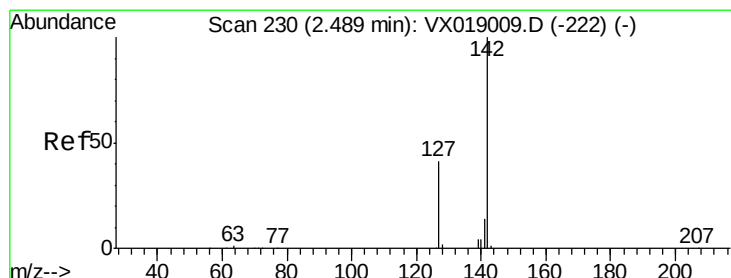
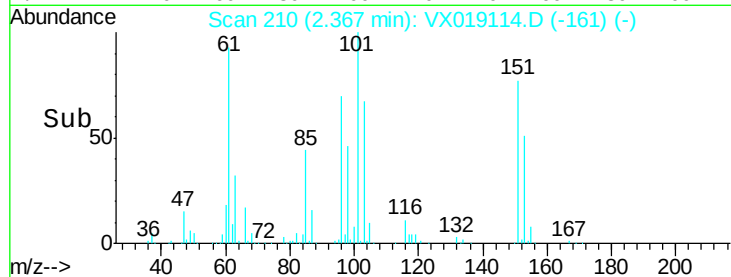
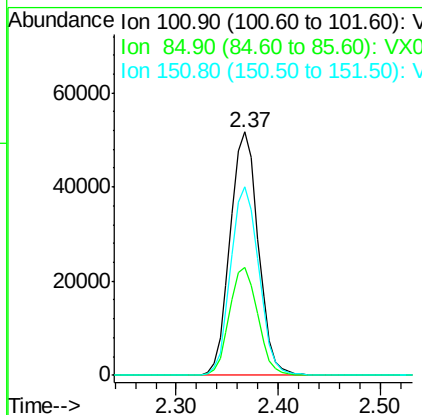
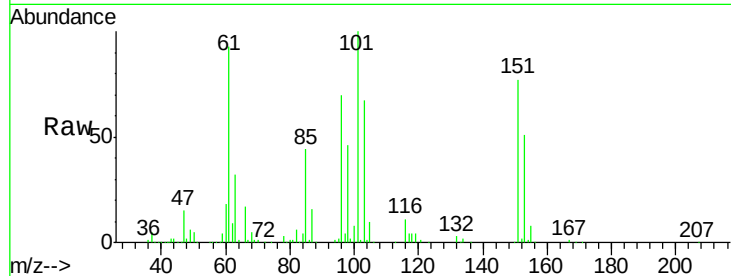
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.240 ug/l
RT: 2.37 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	98754		
85	44.5	35.2	52.8	
151	77.5	62.4	93.6	

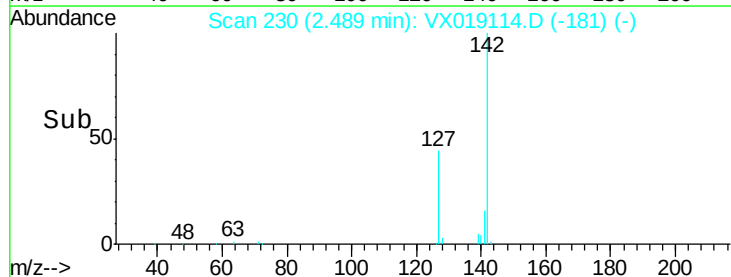
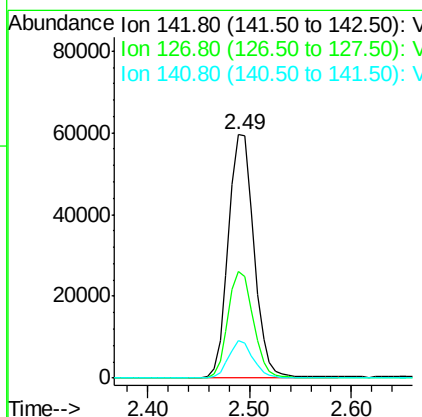
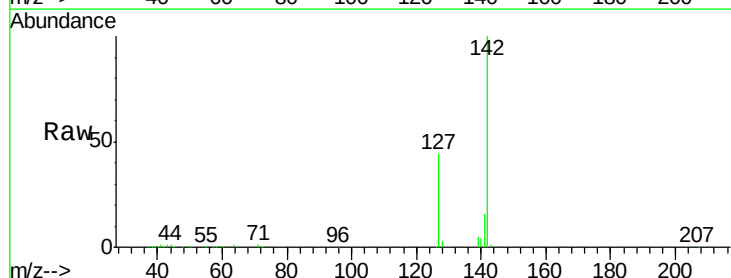
Manual Integrations
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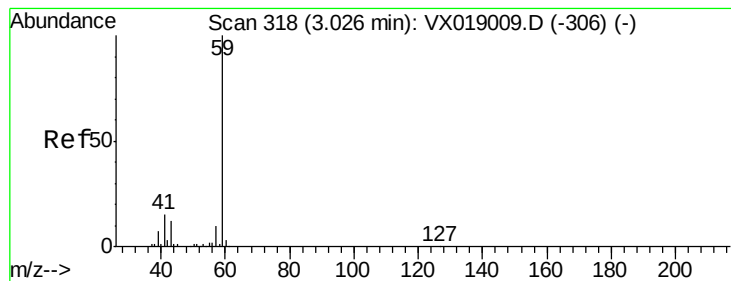
MMDadoda
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#10
Methyl Iodide
Concen: 37.396 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	104114		
127	43.5	33.6	50.4	
141	14.6	11.2	16.8	





#11

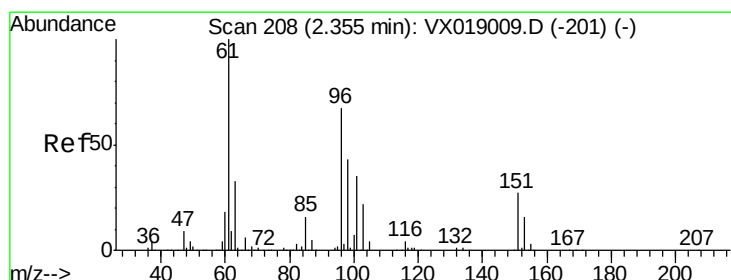
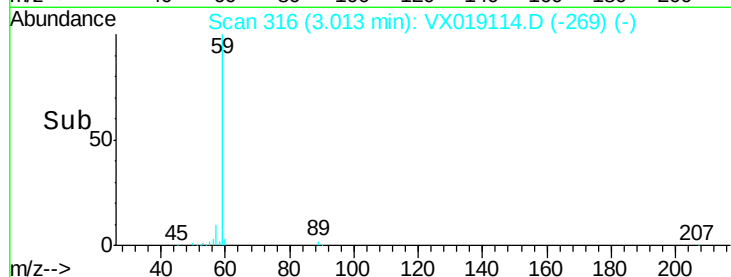
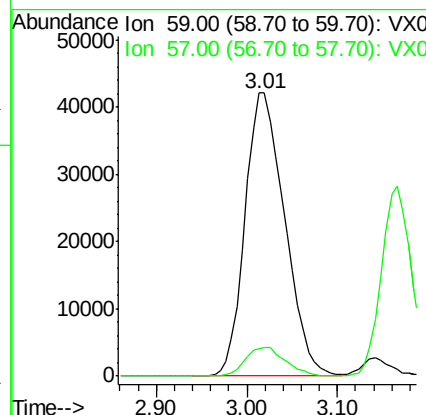
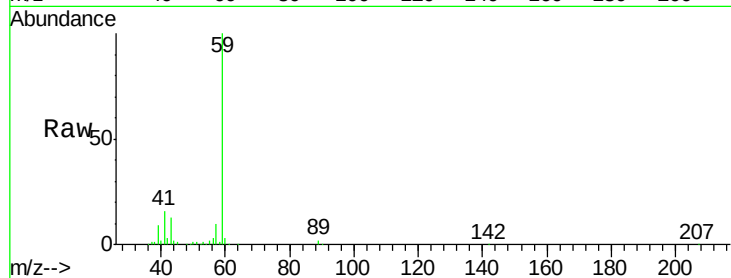
Tert butyl alcohol
 Concen: 240.751 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	57	Ratio	100	10.3	Resp	127803	Lower	8.2	Upper	12.2
Ion	59	57	Ratio	100	10.3	Resp	127803	Lower	8.2	Upper	12.2

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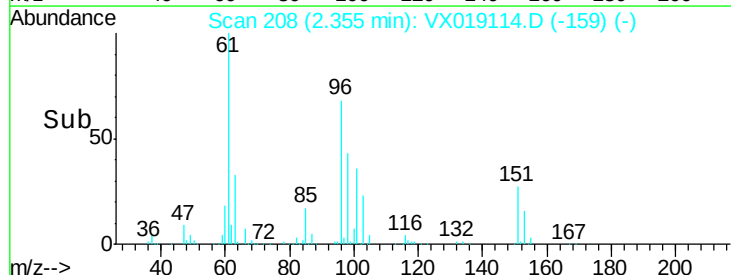
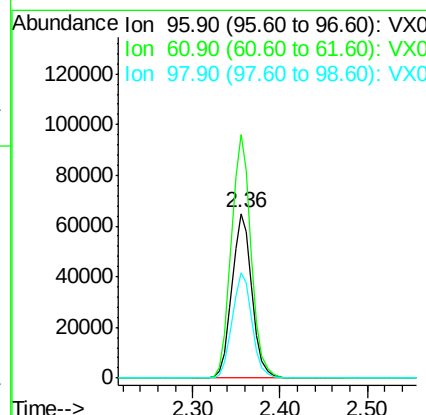
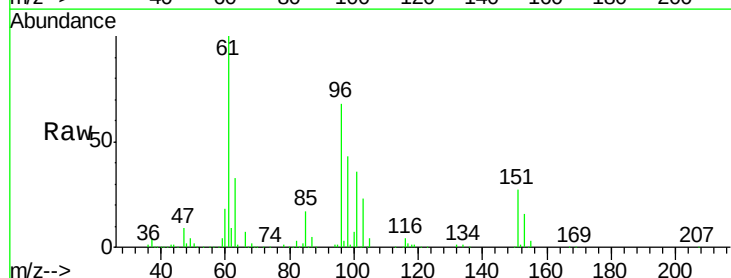
MMDadoda
 10/26/2020 10:03:24 AM

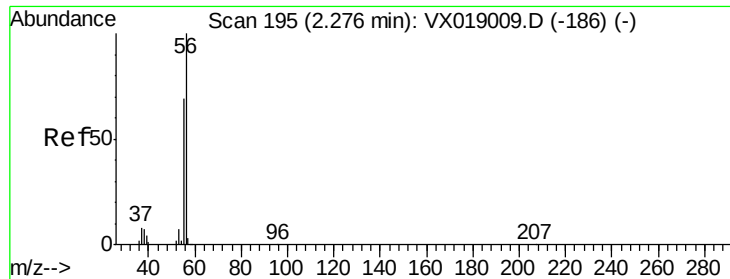


#12

1,1-Dichloroethene
 Concen: 48.262 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Tgt Ion	96	61	98	Ratio	100	147.7	64.2	Resp	102787	Lower	119.0	51.0	Upper	178.6	76.4
Ion	96	61	98	Ratio	100	147.7	64.2	Resp	102787	Lower	119.0	51.0	Upper	178.6	76.4





#13

Acrolein

Concen: 262.445 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 52679

Ion Ratio Lower Upper

56 100

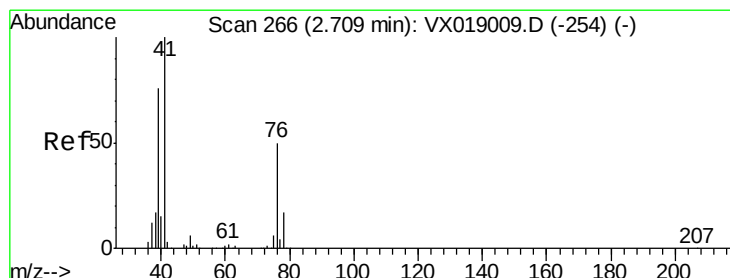
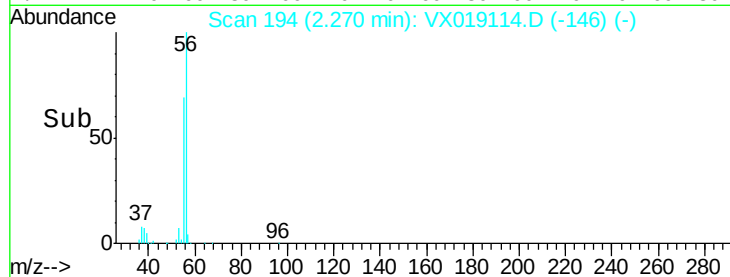
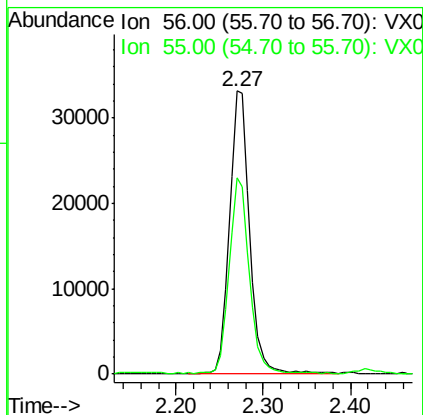
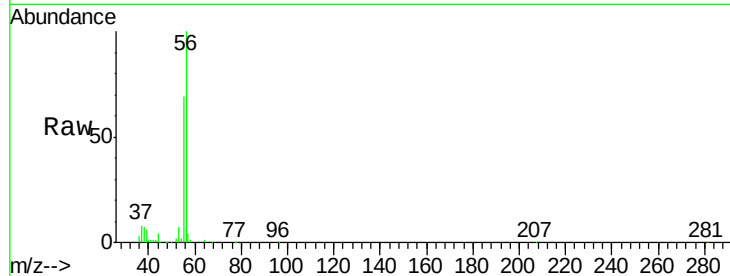
55 68.4 54.2 81.4

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#14

Allyl chloride

Concen: 45.885 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

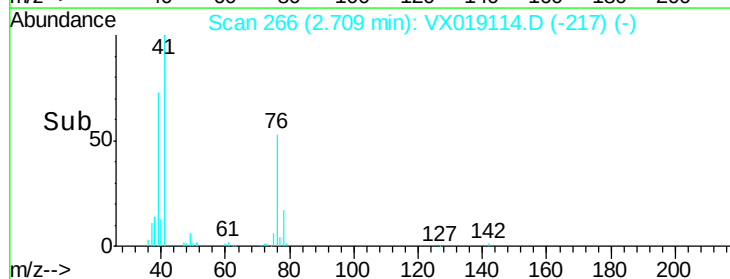
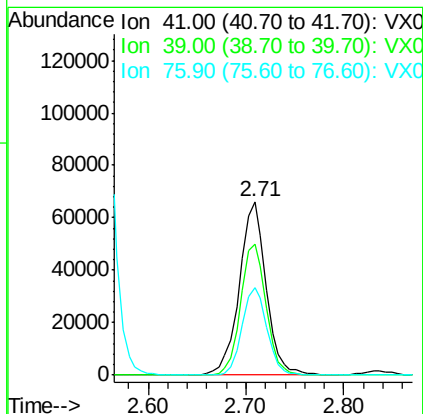
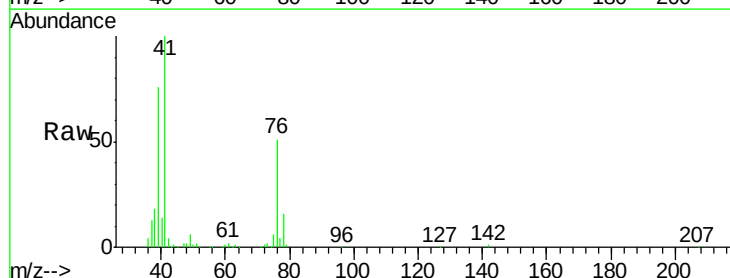
Tgt Ion: 41 Resp: 126423

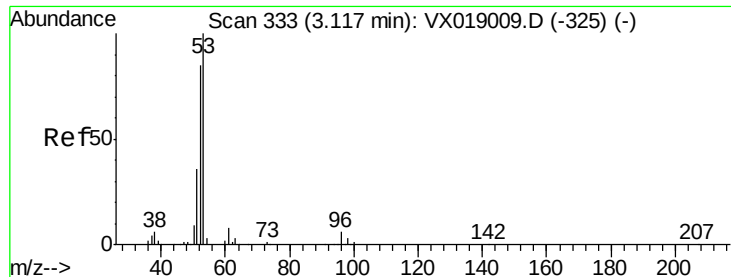
Ion Ratio Lower Upper

41 100

39 71.7 57.4 86.0

76 46.9 37.7 56.5





#15

Acrylonitrile

Concen: 238.923 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

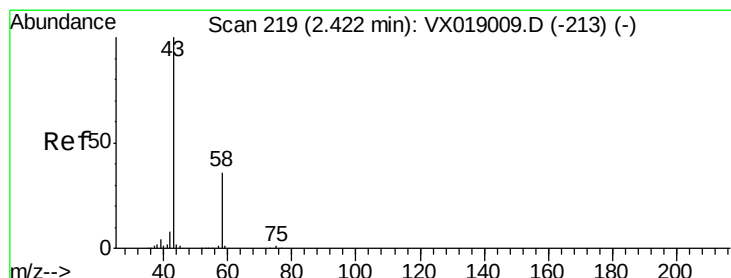
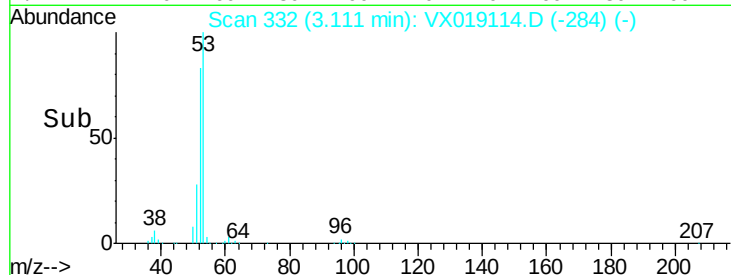
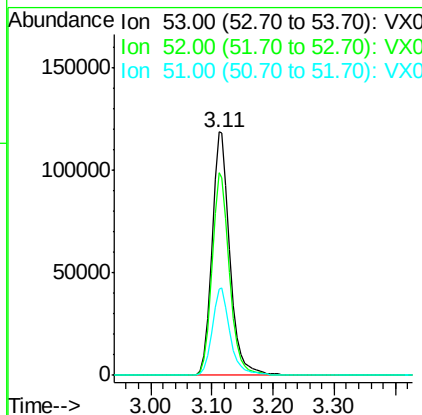
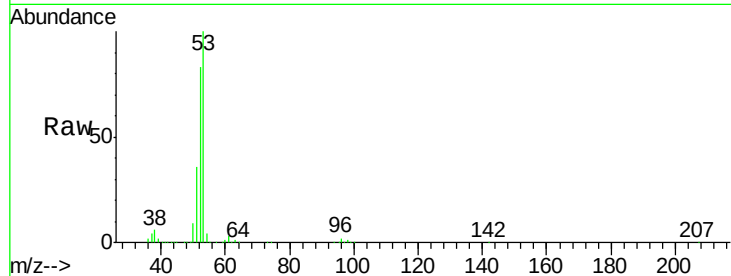
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	245262
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.9	98.9
51	36.0	28.3	42.5

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#16

Acetone

Concen: 232.720 ug/l

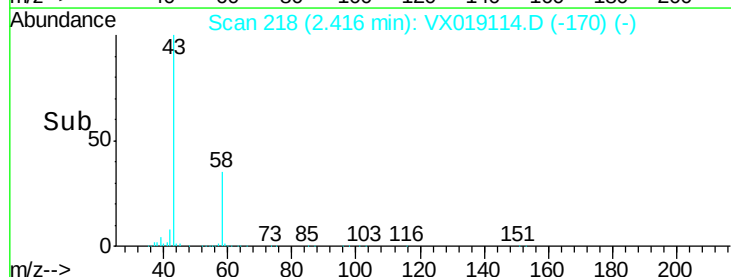
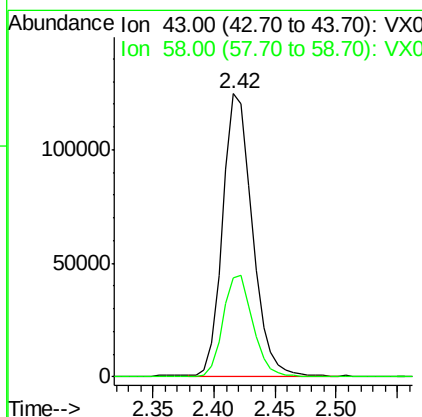
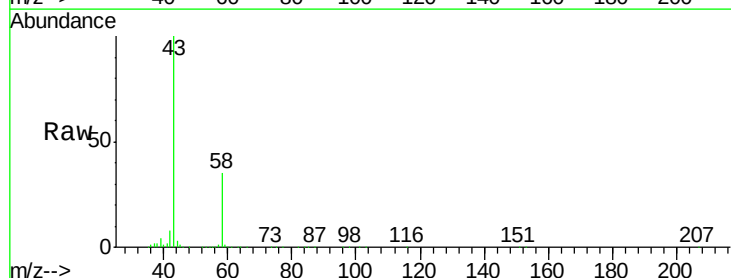
RT: 2.42 min Scan# 218

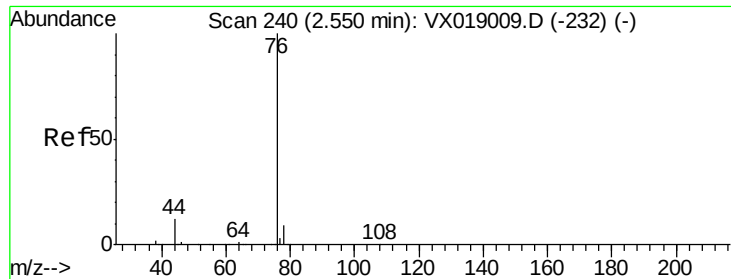
Delta R.T. -0.01 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Tgt Ion:	43	Resp:	207764
Ion	Ratio	Lower	Upper
43	100		
58	35.1	28.6	42.8





#17

Carbon Disulfide

Concen: 43.247 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 265642

Ion Ratio Lower Upper

76 100

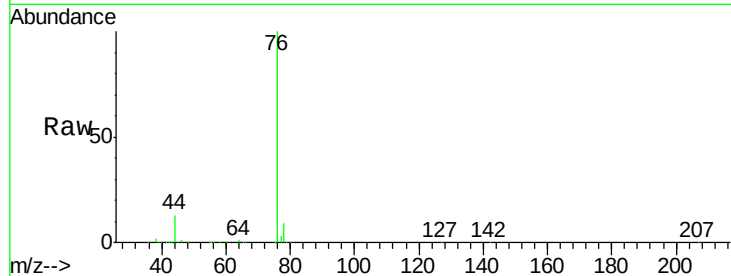
78 9.2 7.1 10.7

Manual Integrations

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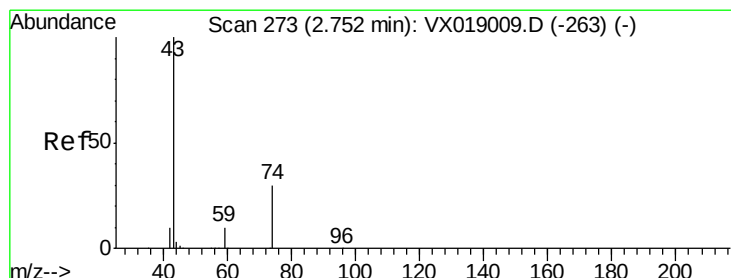
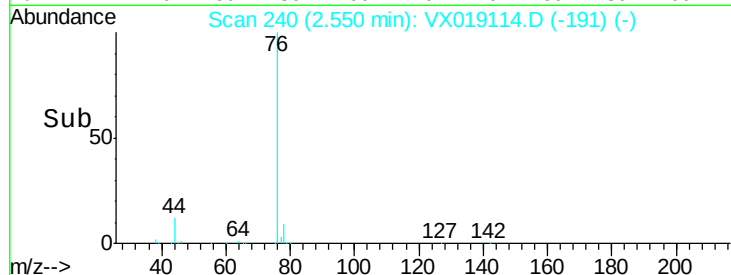
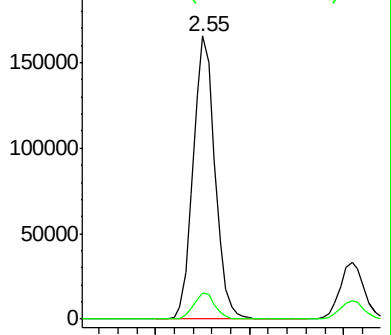
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.364 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX019114.D

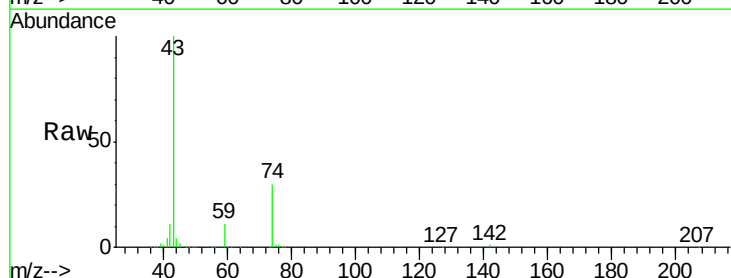
Acq: 24 Oct 2020 07:50

Tgt Ion: 43 Resp: 109359

Ion Ratio Lower Upper

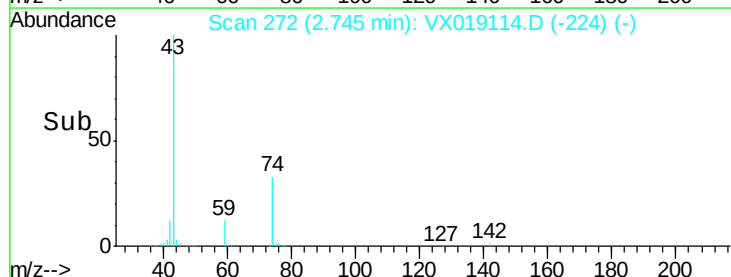
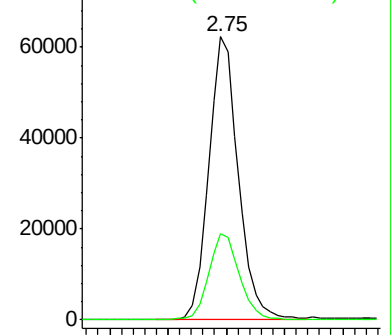
43 100

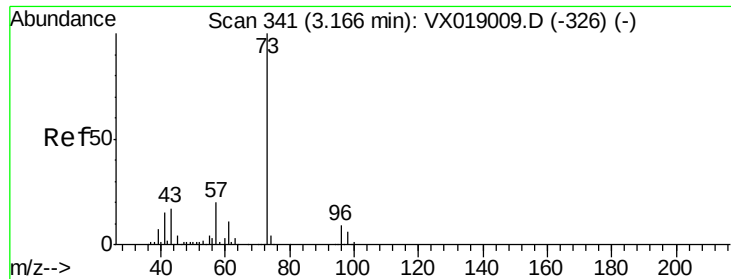
74 32.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





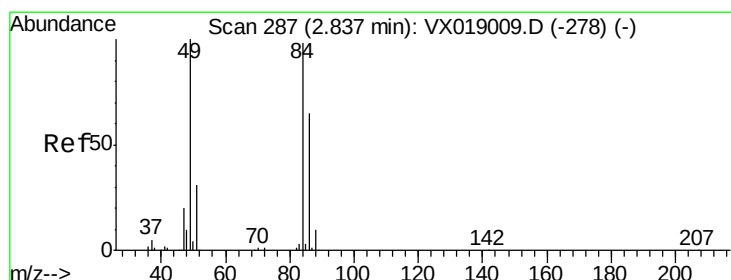
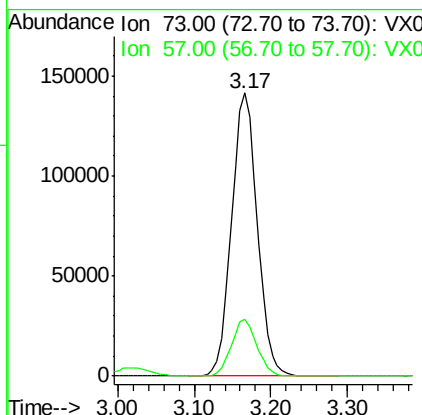
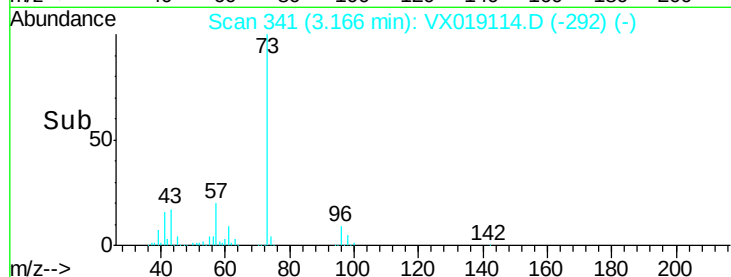
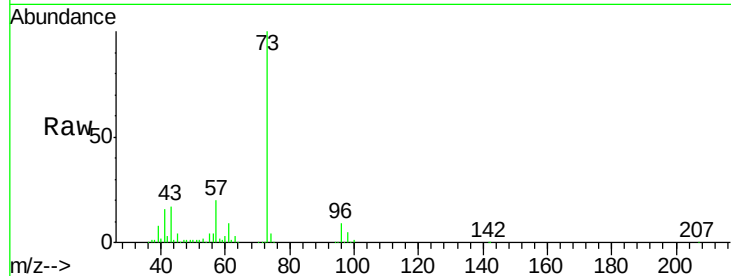
#19
Methyl tert-butyl Ether
Concen: 48.785 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 329126
Ion Ratio Lower Upper
73 100
57 20.0 16.2 24.2

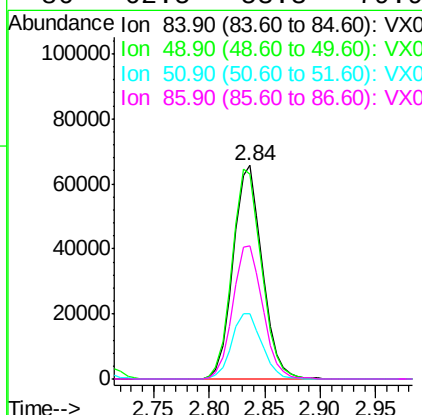
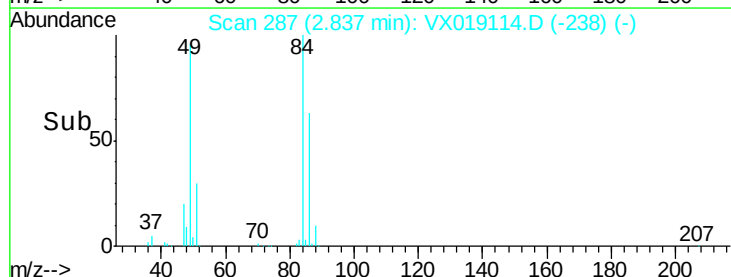
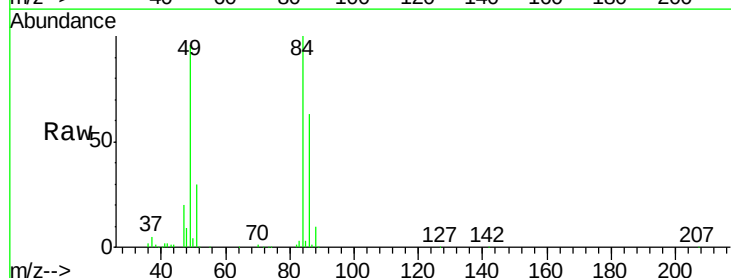
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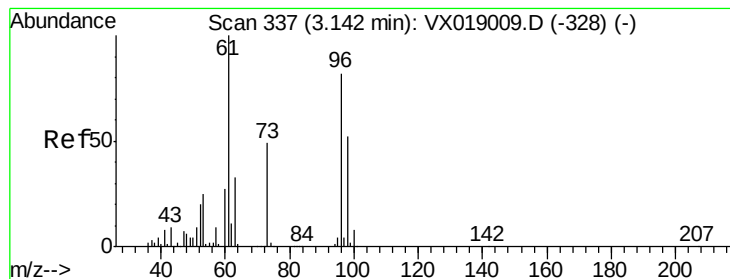
MMDadoda
10/26/2020 10:03:24 AM



#20
Methylene Chloride
Concen: 47.874 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion: 84 Resp: 118987
Ion Ratio Lower Upper
84 100
49 95.9 81.6 122.4
51 30.3 25.6 38.4
86 62.5 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 47.628 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

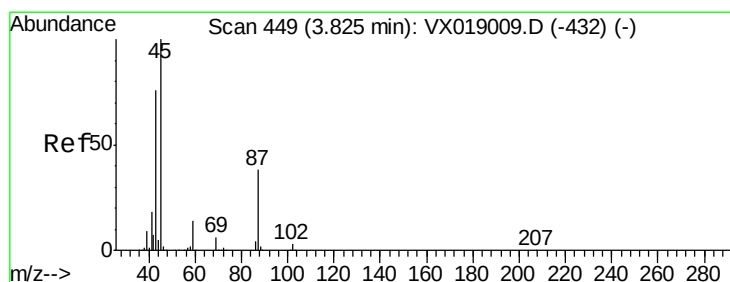
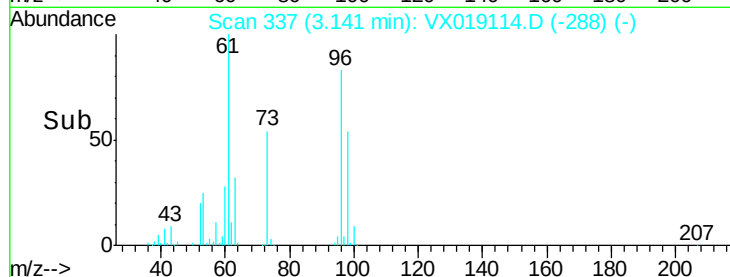
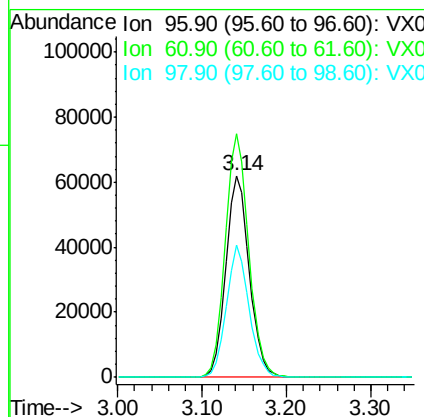
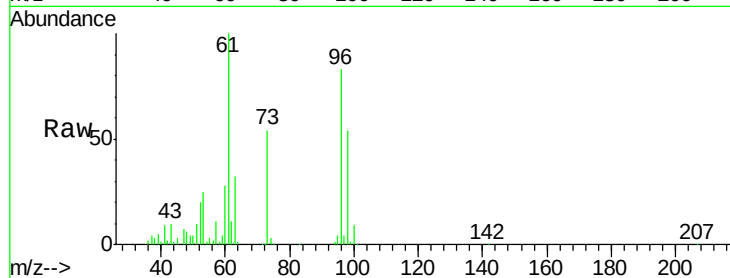
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	118366
Ion	Ratio	Lower	Upper
96	100		
61	120.6	97.8	146.6
98	65.4	50.7	76.1

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#22

Diisopropyl ether

Concen: 48.952 ug/l

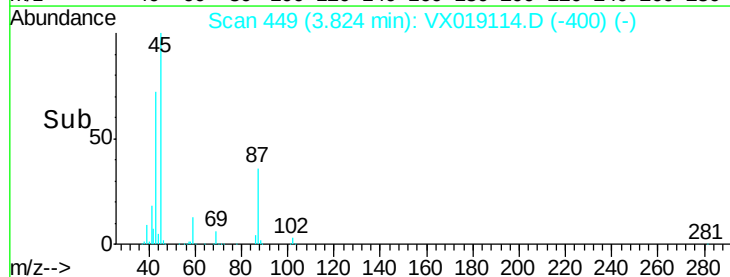
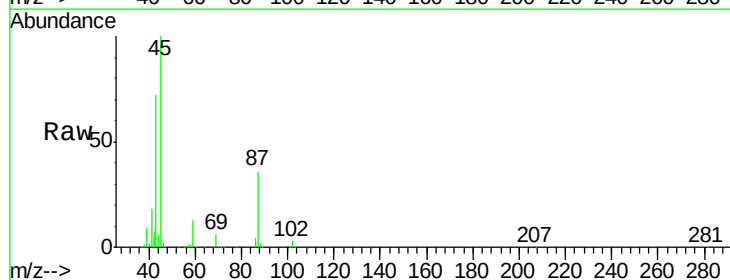
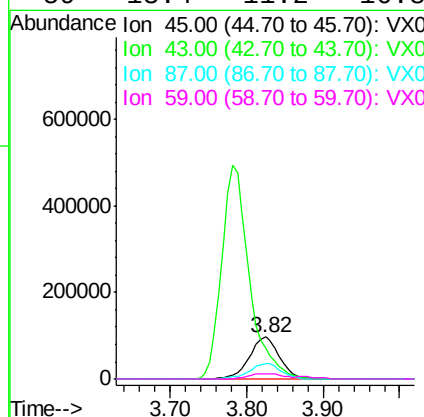
RT: 3.82 min Scan# 449

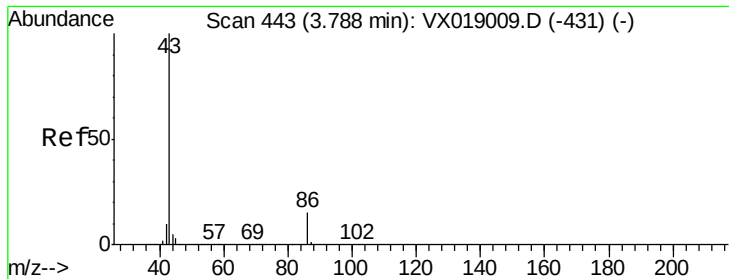
Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Tgt Ion:	45	Resp:	265956
Ion	Ratio	Lower	Upper
45	100		
43	71.6	60.4	90.6
87	36.4	30.4	45.6
59	13.4	11.2	16.8





#23

Vinyl Acetate

Concen: 241.059 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1243605

Ion Ratio Lower Upper

43 100

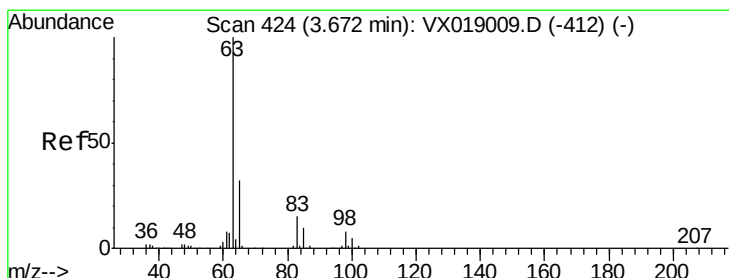
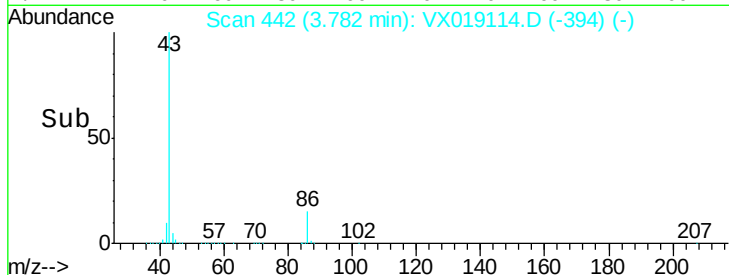
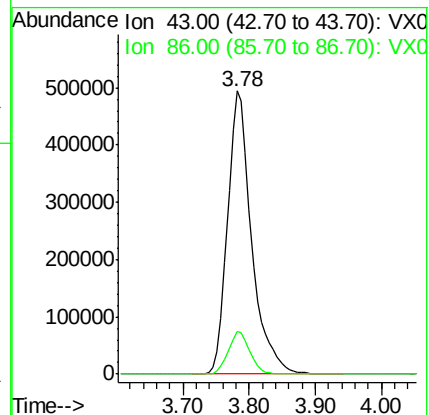
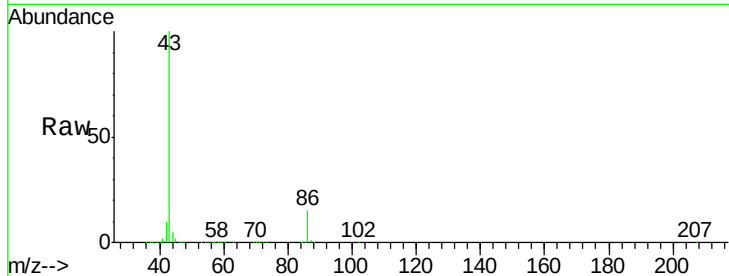
86 15.1 11.7 17.5

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#24

1,1-Dichloroethane

Concen: 49.047 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

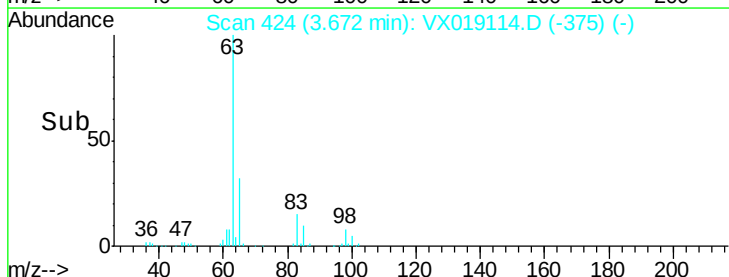
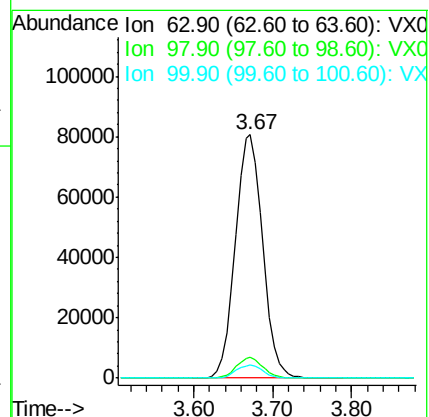
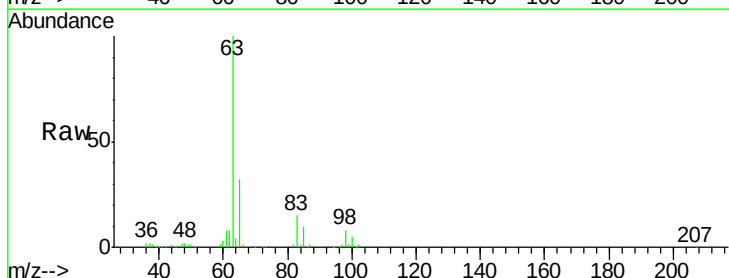
Tgt Ion: 63 Resp: 194060

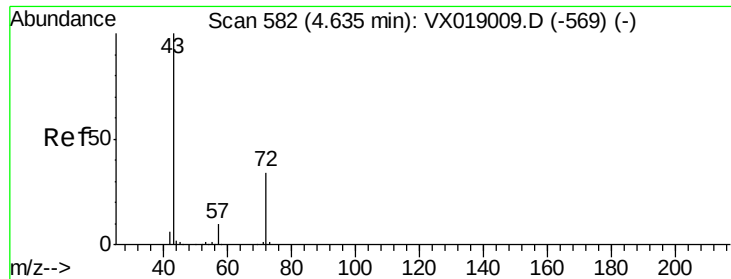
Ion Ratio Lower Upper

63 100

98 8.5 4.0 12.0

100 5.5 2.5 7.4





#25

2-Butanone

Concen: 237.448 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 334954

Ion Ratio Lower Upper

43 100

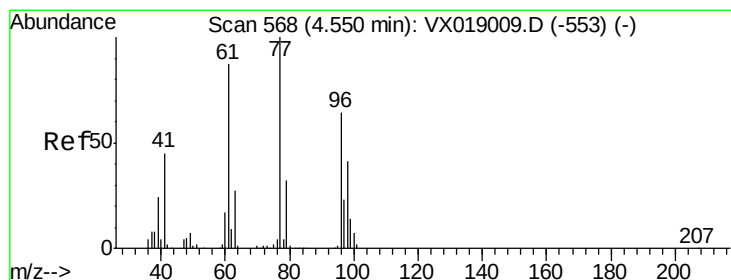
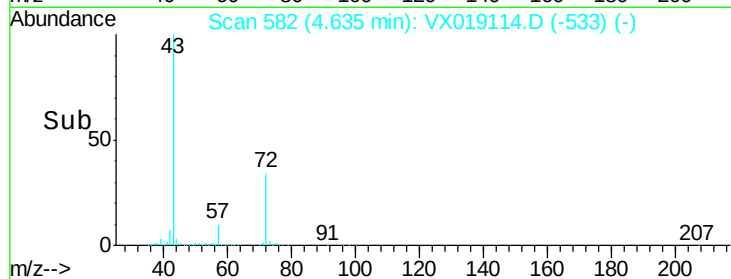
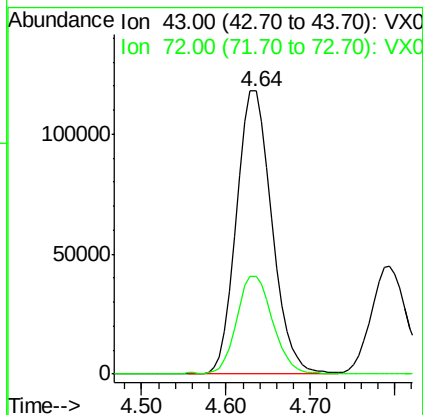
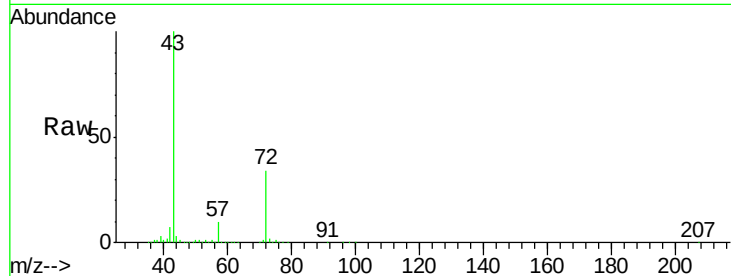
72 34.3 27.8 41.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 36.252 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX019114.D

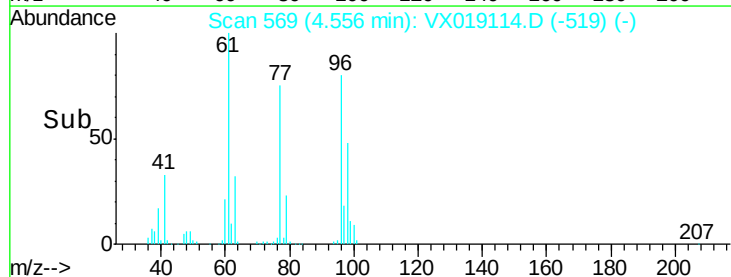
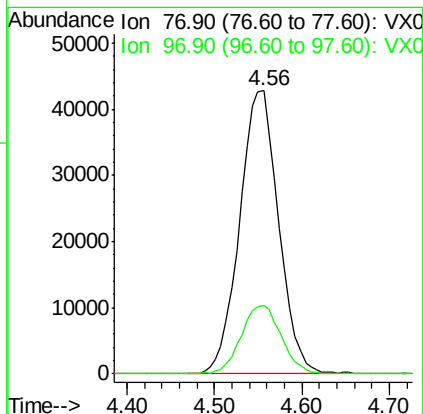
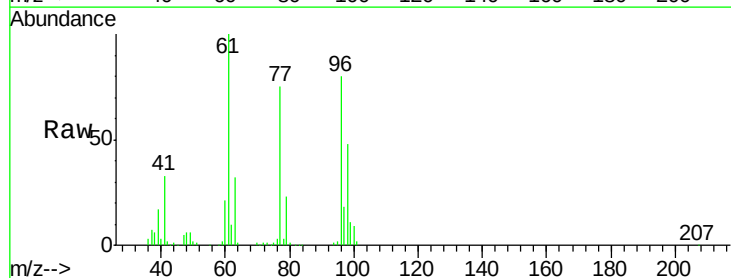
Acq: 24 Oct 2020 07:50

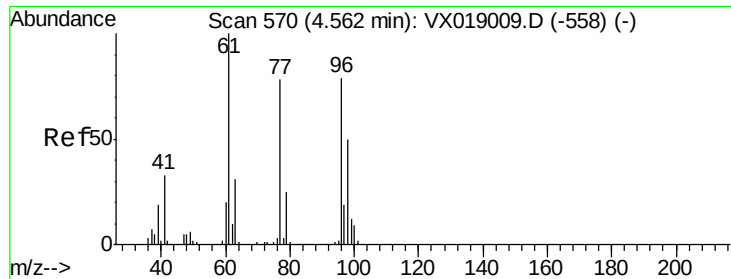
Tgt Ion: 77 Resp: 132434

Ion Ratio Lower Upper

77 100

97 24.9 11.9 35.7





#27

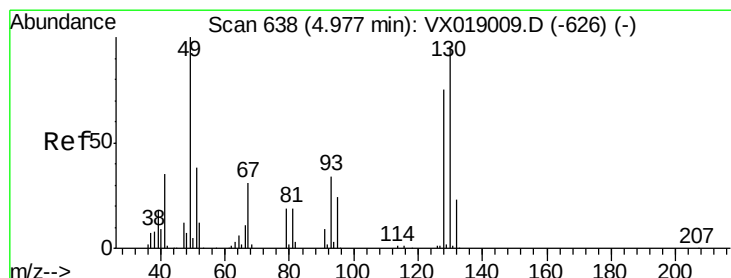
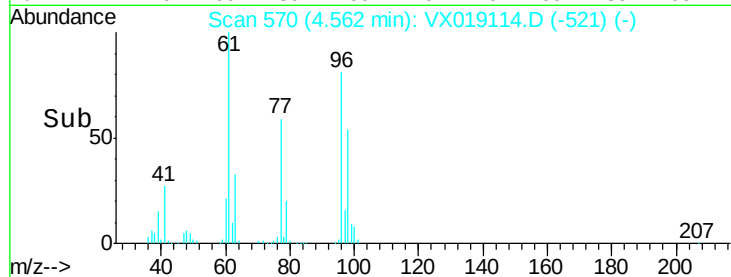
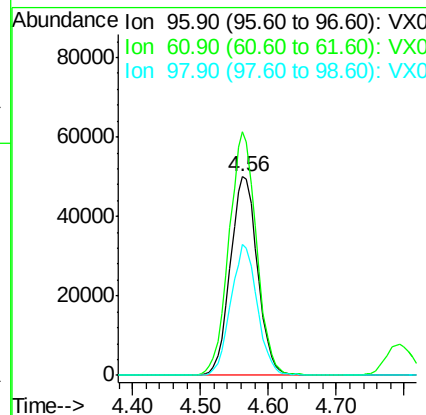
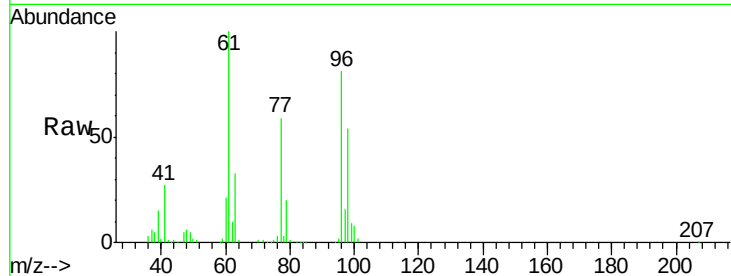
cis-1,2-Dichloroethene
Concen: 49.136 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	124.1	0.0	260.0	
98	64.5	0.0	131.4	

Manual Integrations
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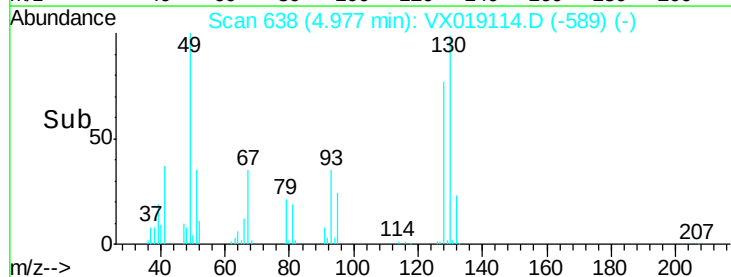
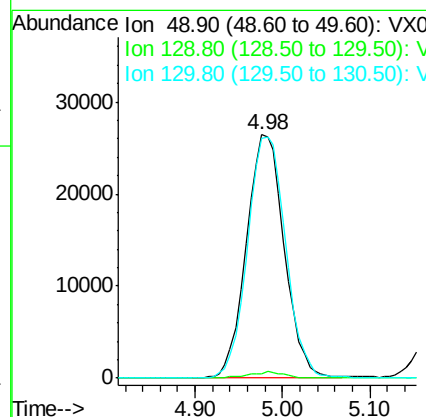
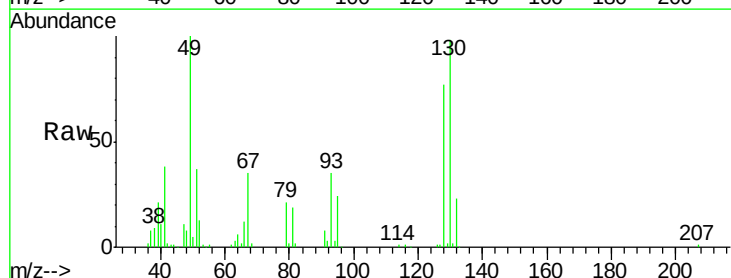
MMDadoda
10/26/2020 10:03:24 AM

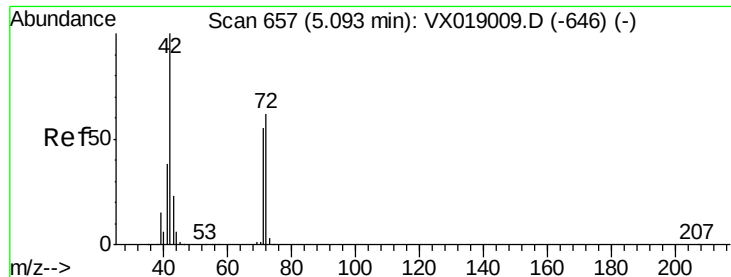


#28

Bromochloromethane
Concen: 47.528 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	5.2	
130	99.9	79.0	118.6	





#29

Tetrahydrofuran

Concen: 233.054 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

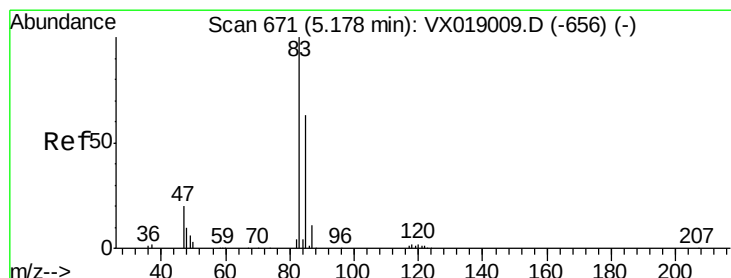
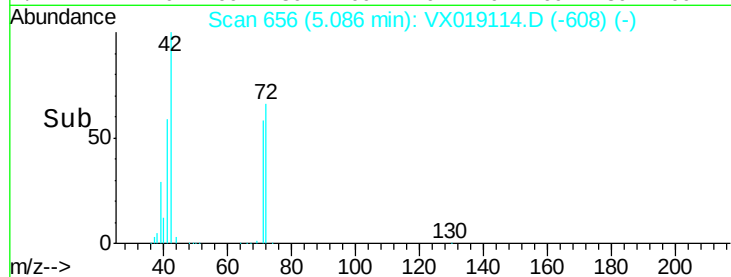
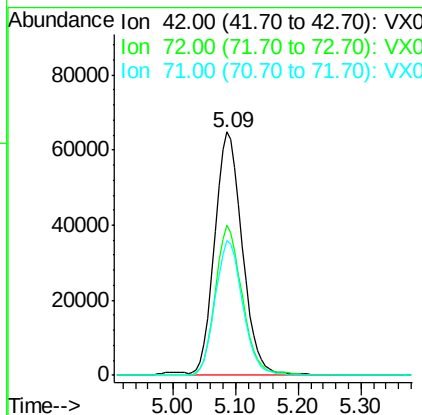
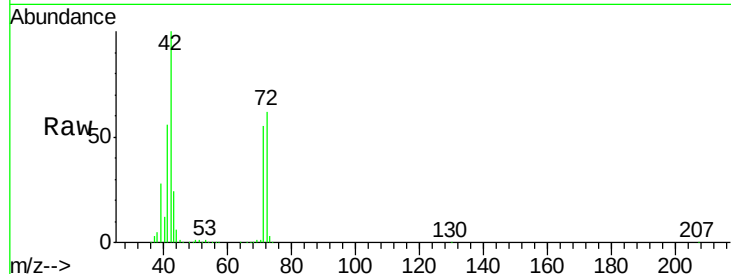
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	196497
Ion	Ratio	Lower	Upper
42	100		
72	60.9	49.1	73.7
71	55.3	44.2	66.4

Manual Integrations
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10/26/2020 10:03:24 AM



#30

Chloroform

Concen: 49.948 ug/l

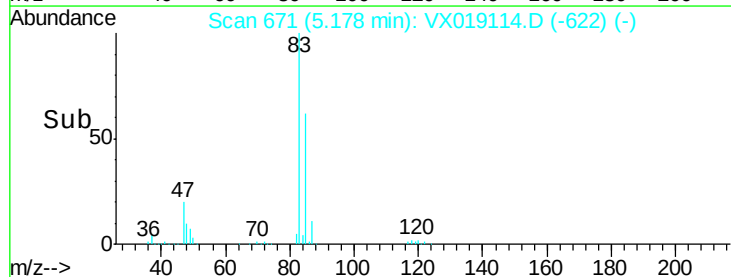
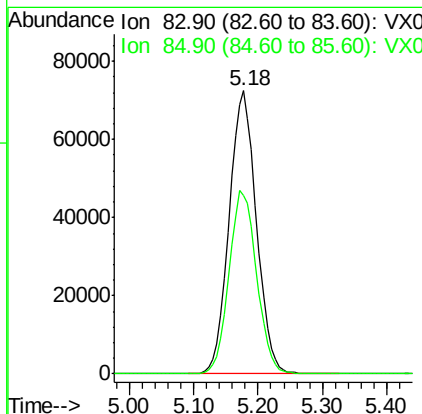
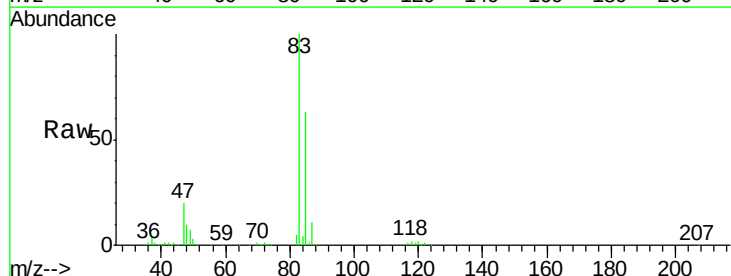
RT: 5.18 min Scan# 671

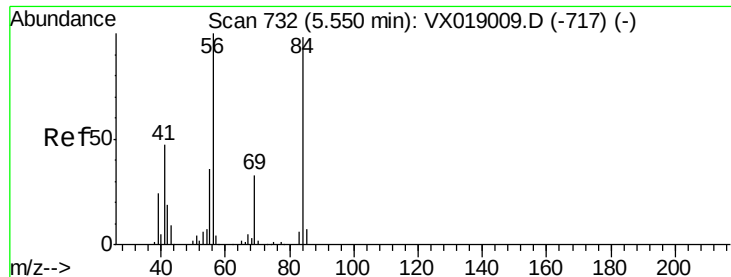
Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Tgt Ion:	83	Resp:	214560
Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.5	75.7





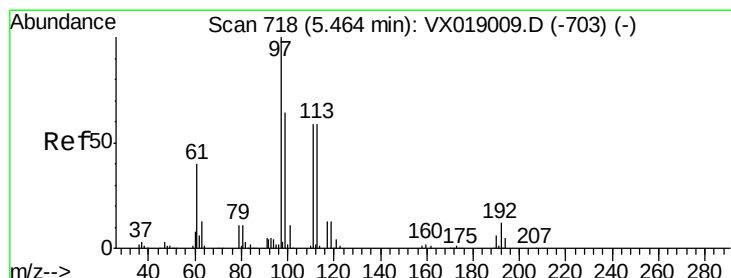
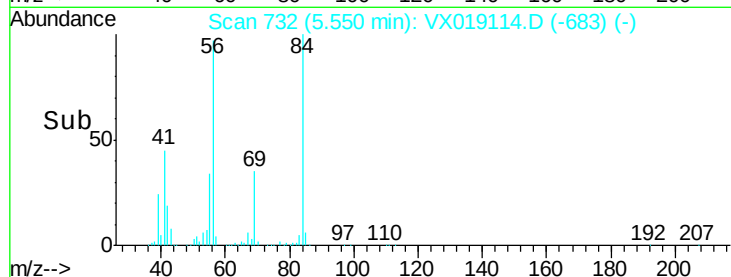
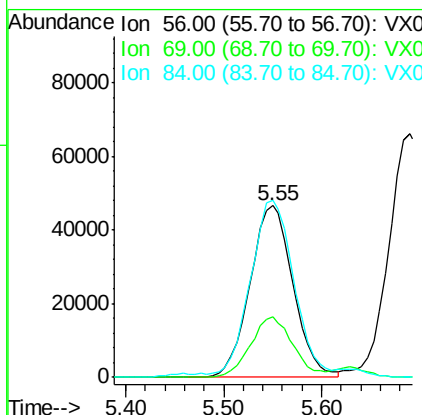
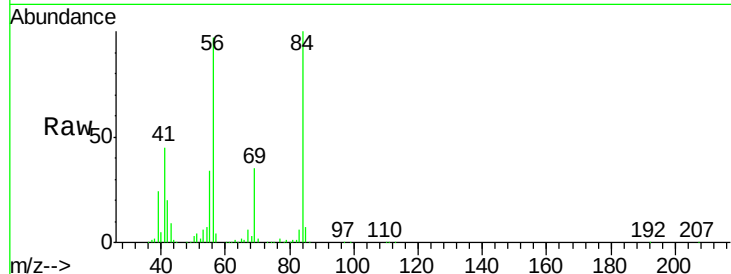
#31
Cyclohexane
Concen: 46.811 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.6	26.2	39.2
84	101.0	78.3	117.5

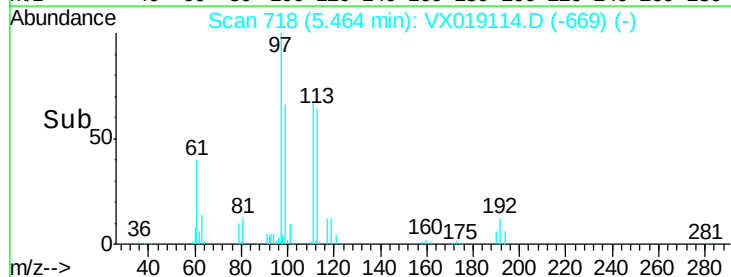
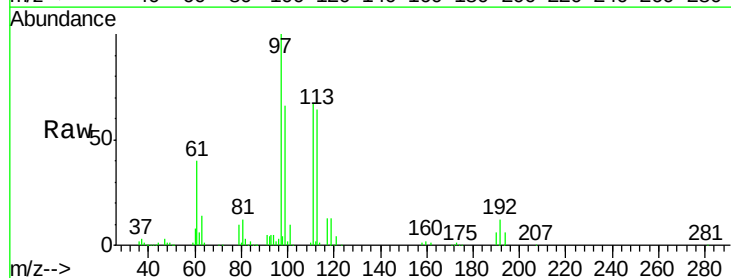
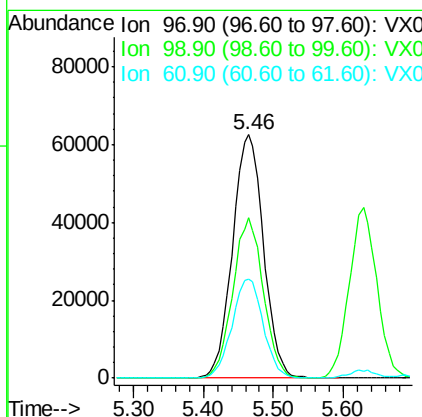
Manual Integrations
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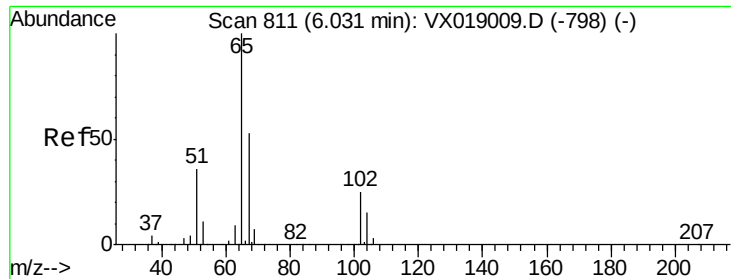
MMDadoda
10/26/2020 10:03:24 AM



#32
1,1,1-Trichloroethane
Concen: 49.341 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.3	76.9
61	40.9	31.9	47.9





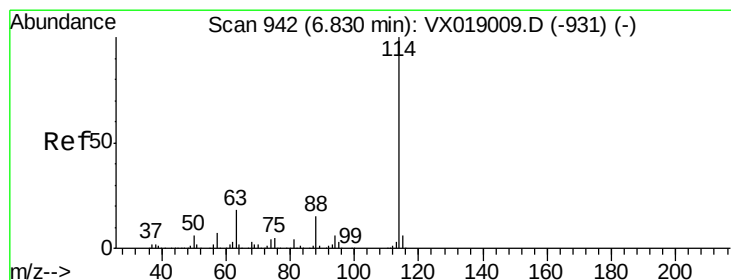
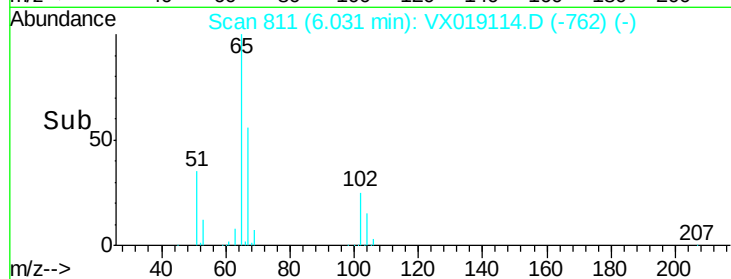
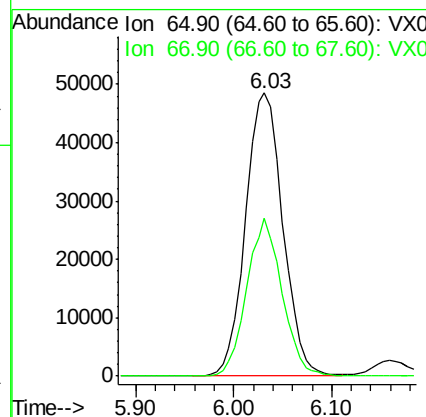
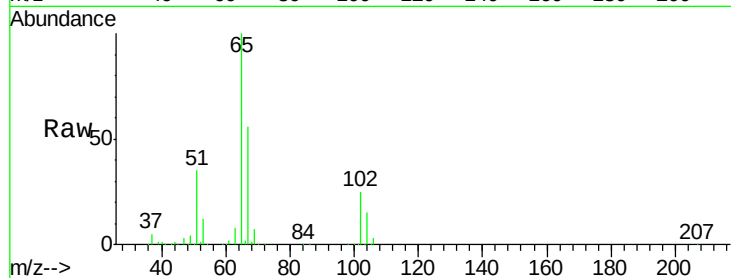
#33
 1,2-Dichloroethane-d4
 Concen: 48.962 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	128333		
67	52.9	0.0	107.0	

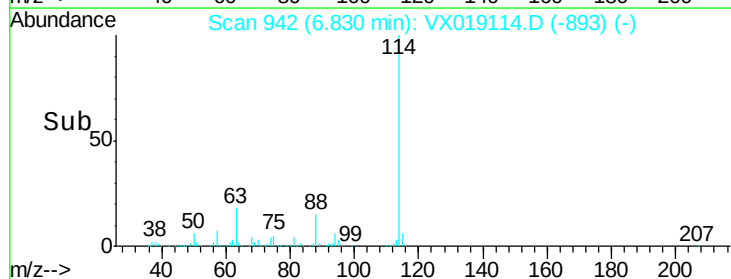
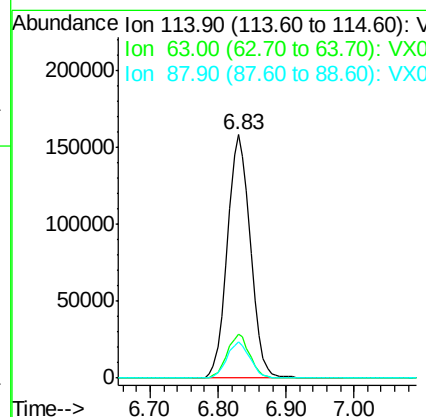
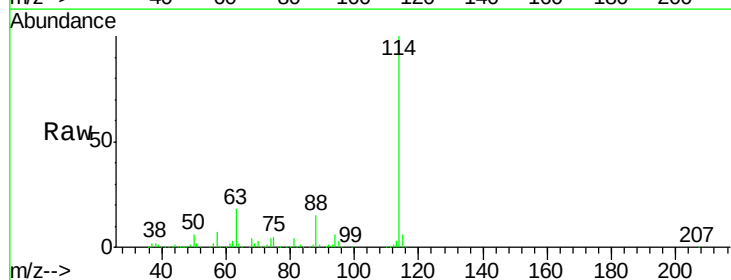
Manual Integrations
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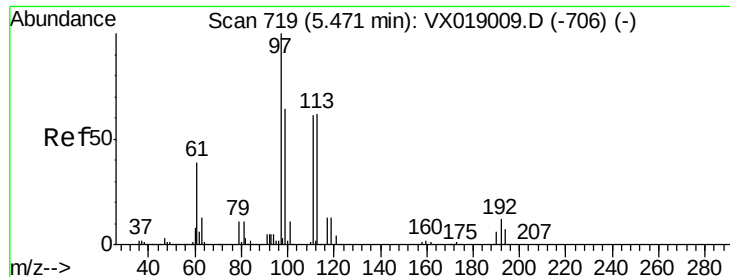
MMDadoda
 10/26/2020 10:03:24 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	372075		
63	18.0	0.0	36.8	
88	14.9	0.0	30.2	





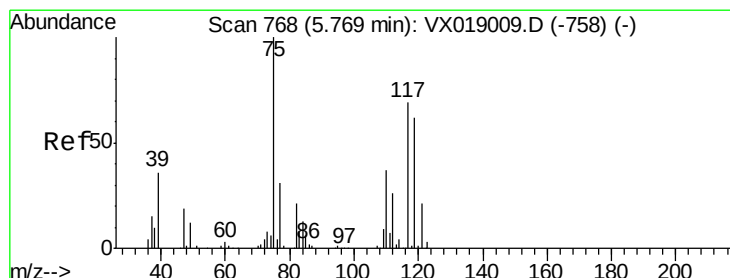
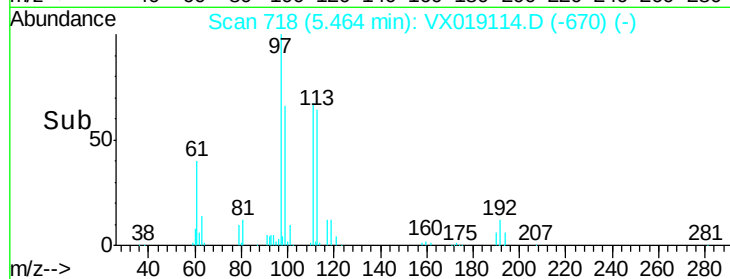
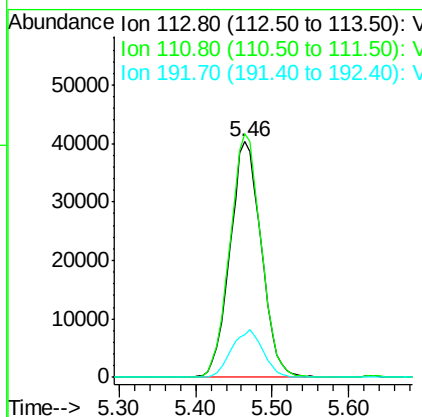
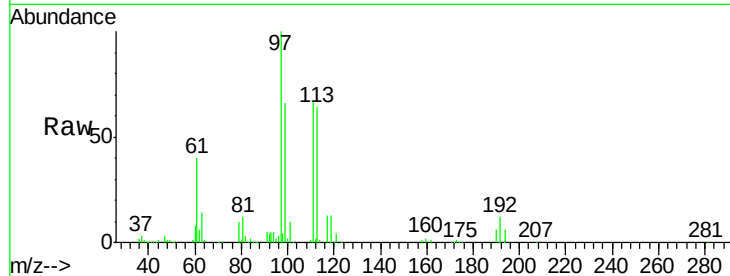
#35
Dibromofluoromethane
Concen: 48.421 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.5	122.3
192	20.3	16.3	24.5

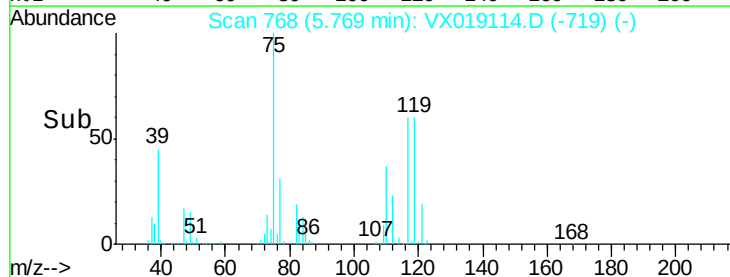
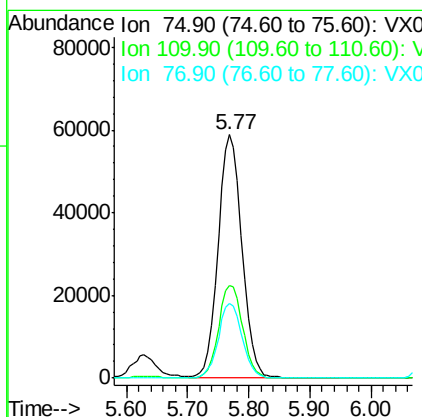
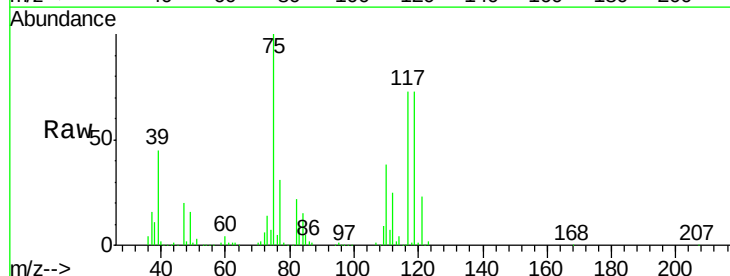
Manual Integrations
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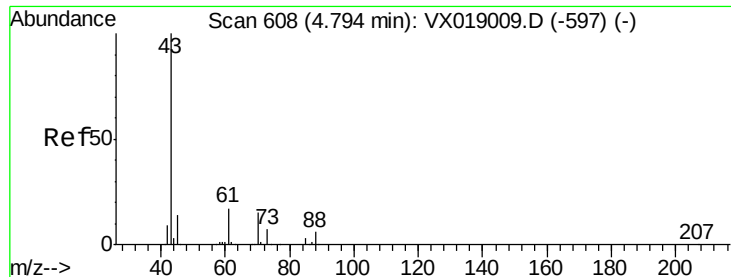
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#36
1,1-Dichloropropene
Concen: 47.780 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.2	19.4	58.2
77	30.8	25.2	37.8





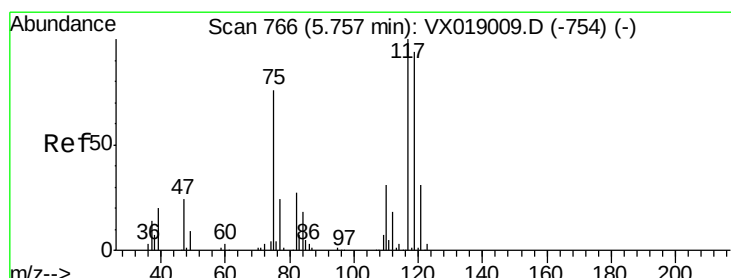
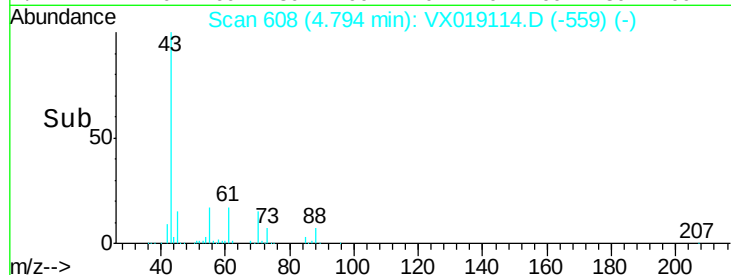
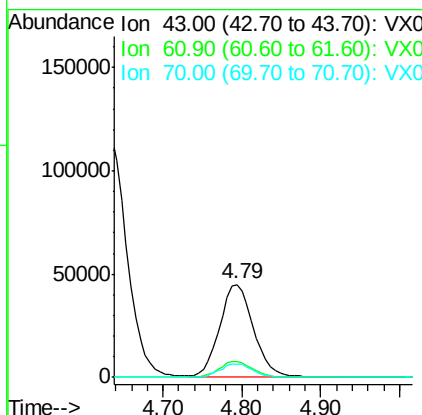
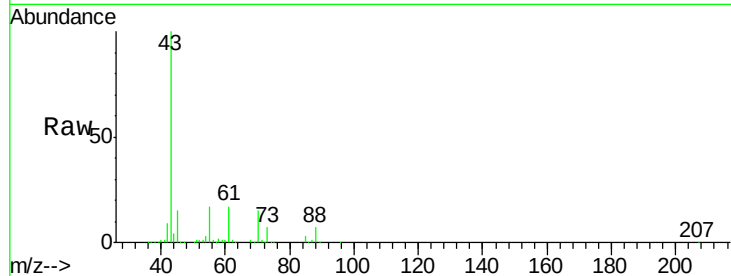
#37
Ethyl Acetate
Concen: 46.801 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.1	13.8	20.8
70	14.3	11.4	17.2

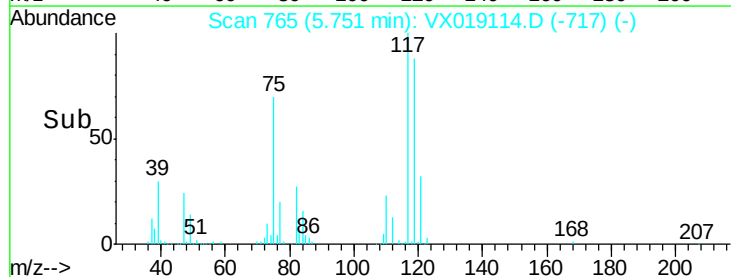
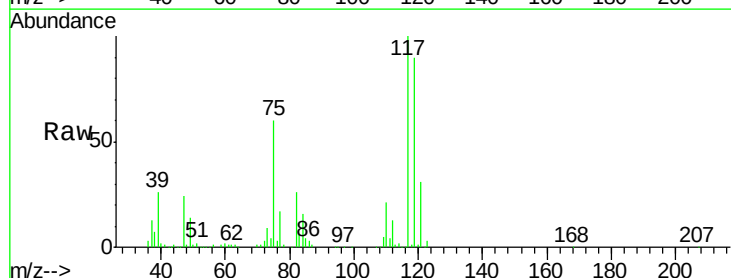
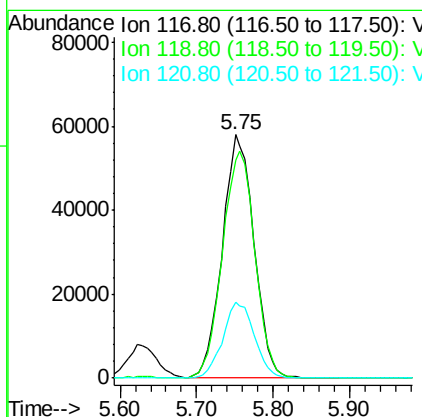
Manual Integrations
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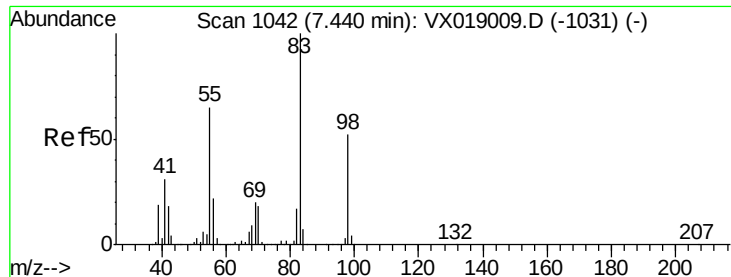
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#38
Carbon Tetrachloride
Concen: 47.340 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.6	75.4	113.0
121	31.3	25.0	37.6





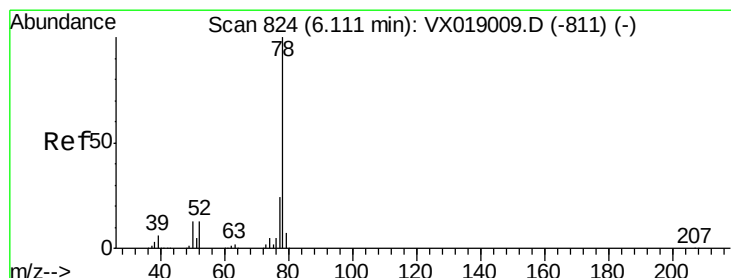
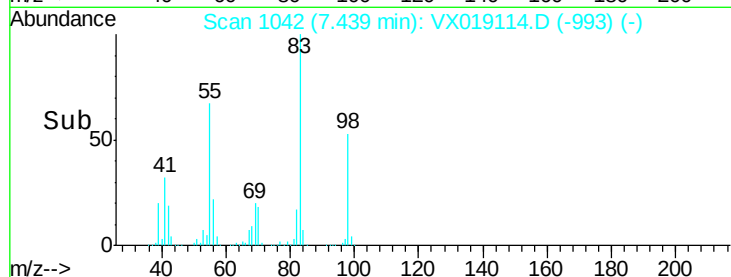
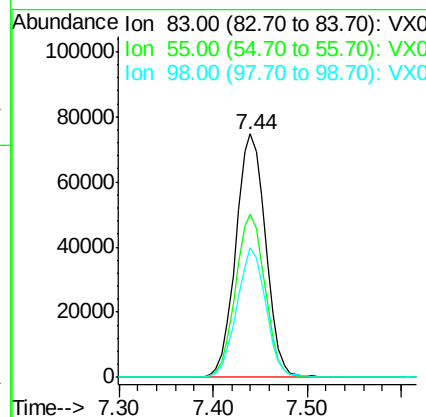
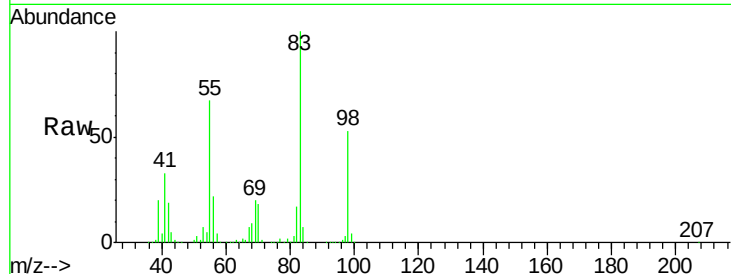
#39
Methylvlcyclohexane
Concen: 44.111 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.2	51.8	77.6
98	53.0	41.4	62.2

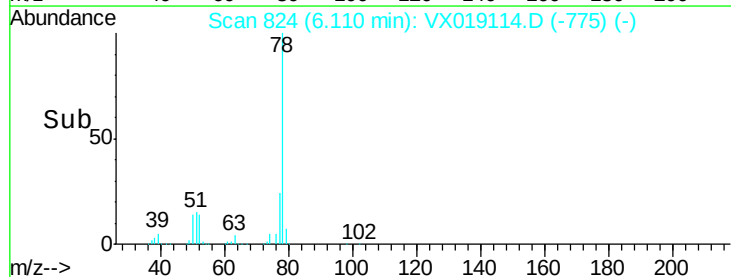
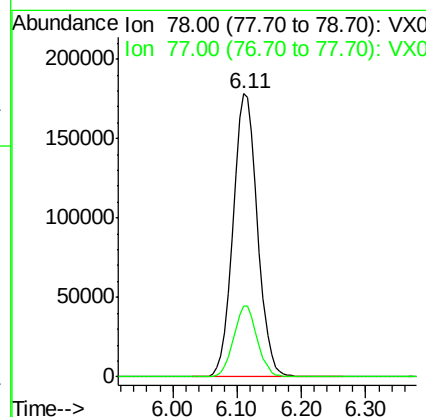
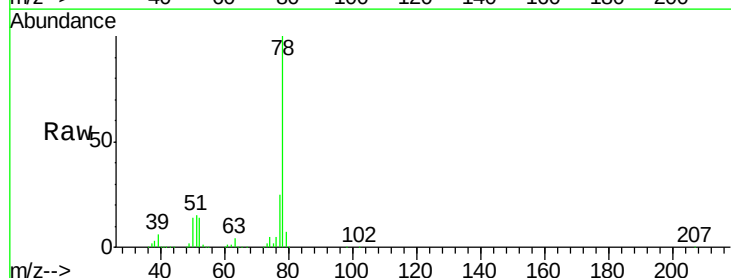
Manual Integrations
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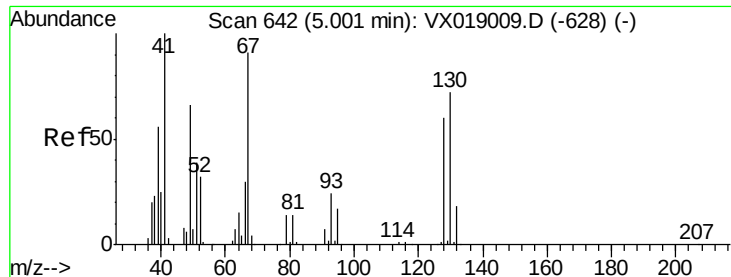
MMDadoda
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#40
Benzene
Concen: 48.033 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.3	28.9





#41

Methacrylonitrile

Concen: 46.394 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 71015

Ion Ratio Lower Upper

41 100

39 55.2 44.6 67.0

67 96.4 76.1 114.1

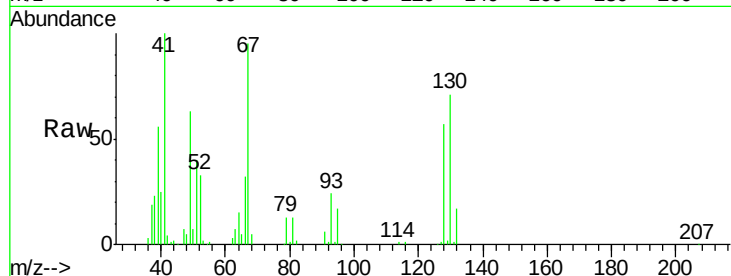
52 35.5 28.3 42.5

Manual Integrations

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10/26/2020 10:03:24 AM

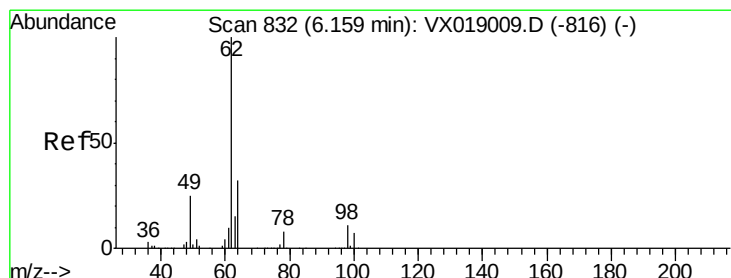
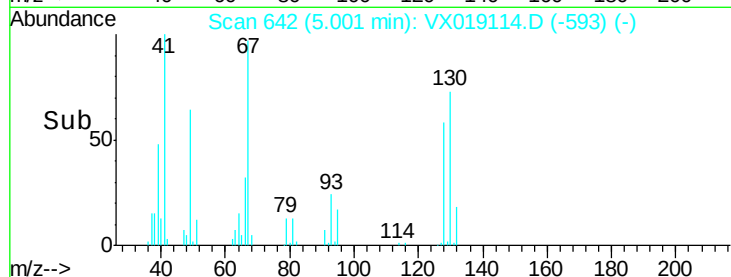
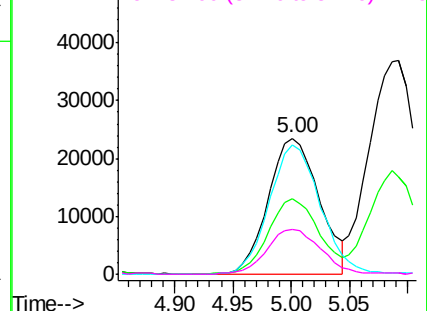


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.906 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019114.D

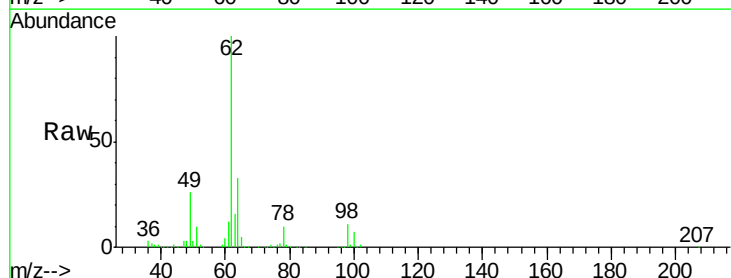
Acq: 24 Oct 2020 07:50

Tgt Ion: 62 Resp: 164109

Ion Ratio Lower Upper

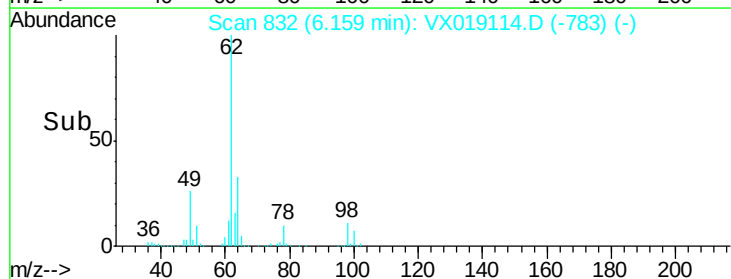
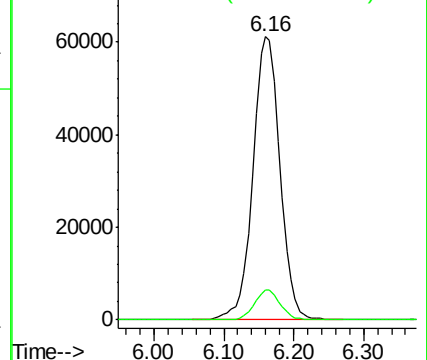
62 100

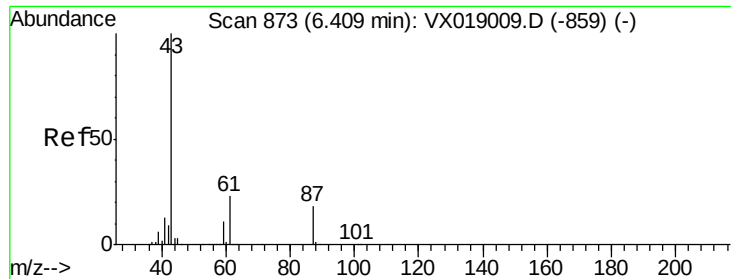
98 10.1 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 46.470 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

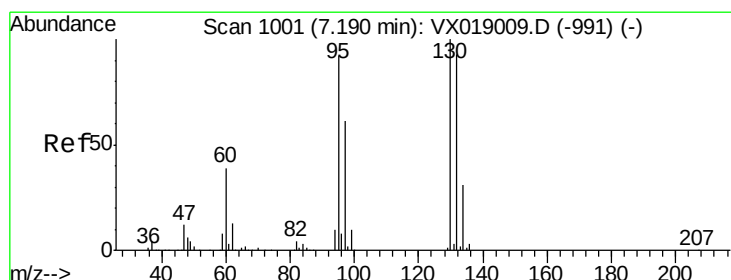
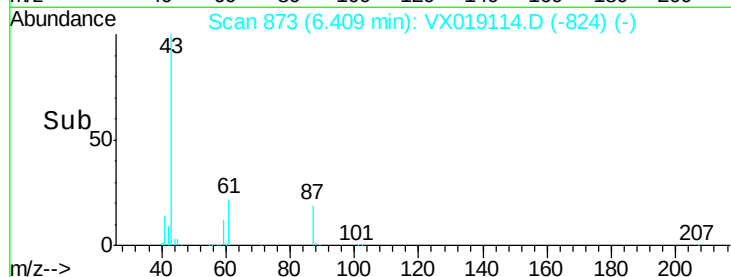
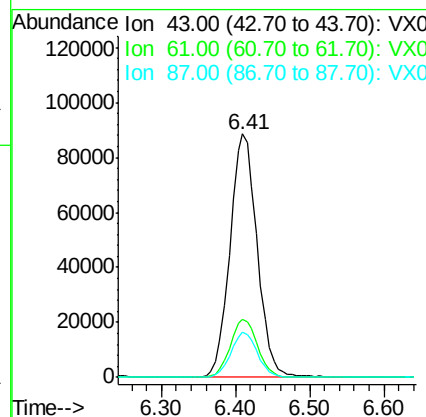
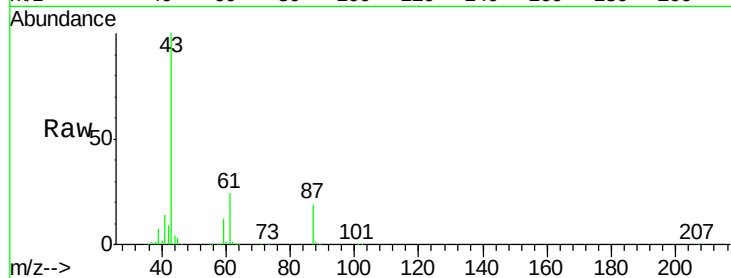
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	224268
Ion	Ratio	Lower	Upper
43	100		
61	24.1	18.7	28.1
87	18.3	14.2	21.4

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#44

Trichloroethene

Concen: 47.131 ug/l

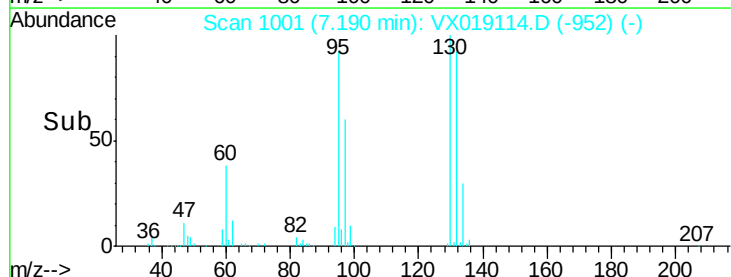
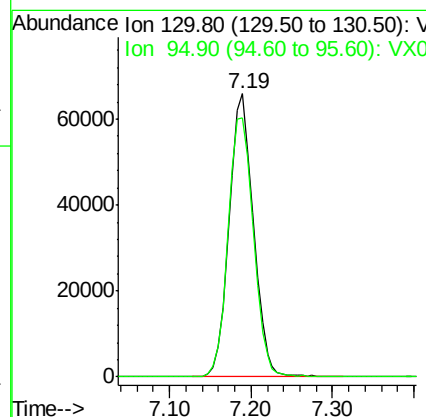
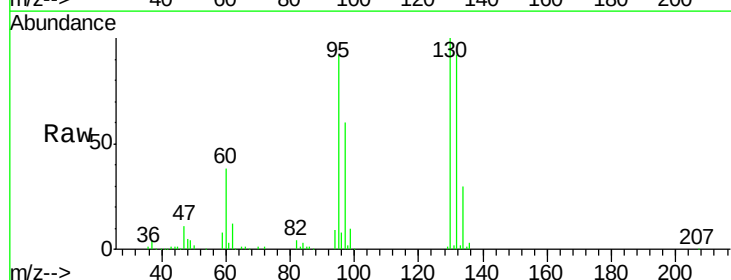
RT: 7.19 min Scan# 1001

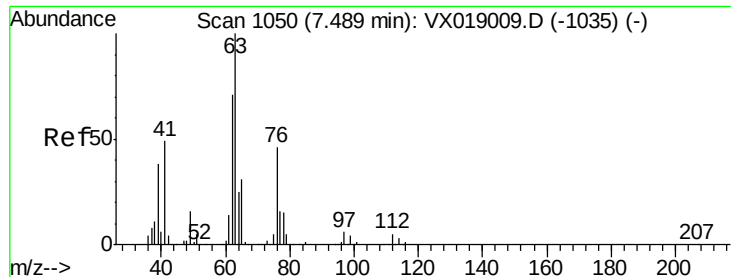
Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Tgt Ion:	130	Resp:	135148
Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	184.2





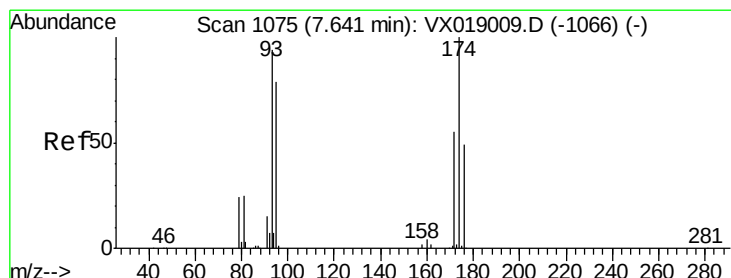
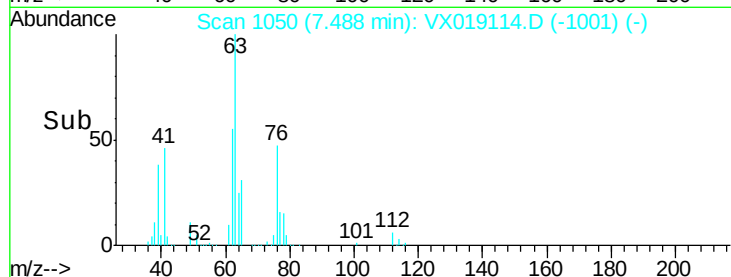
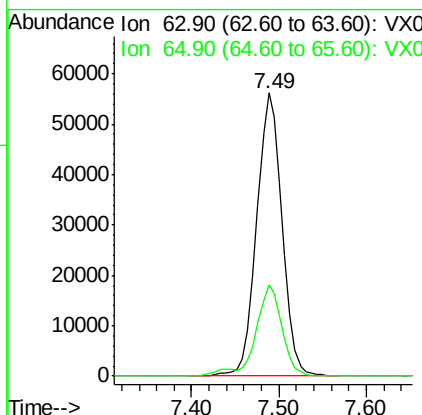
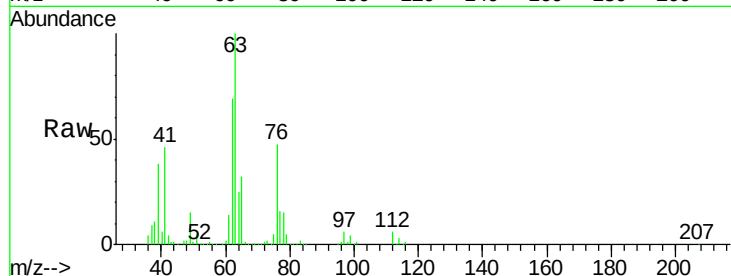
#45
 1,2-Dichloropropane
 Concen: 48.180 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	24.9	37.3

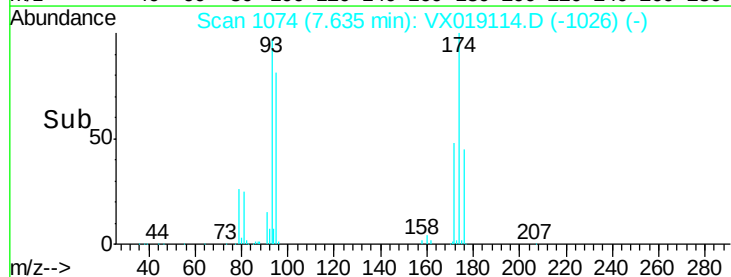
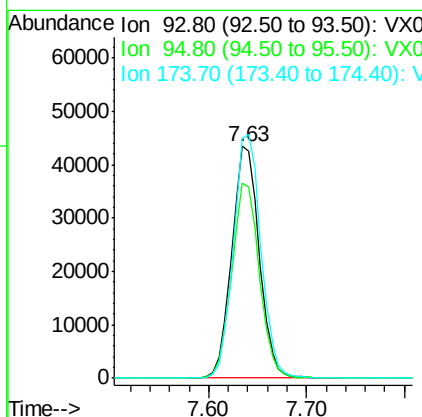
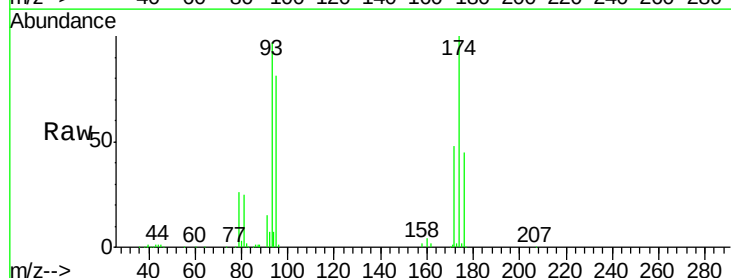
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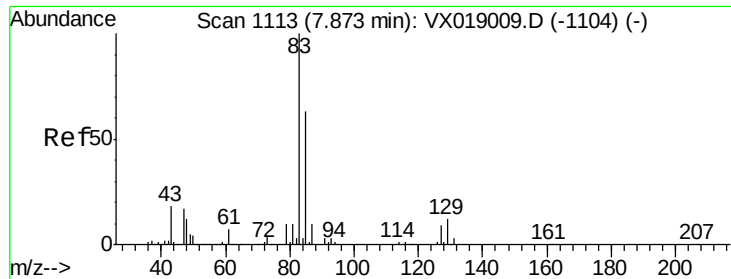
MMDadoda
 10/26/2020 10:03:24 AM



#46
 Dibromomethane
 Concen: 47.228 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	66.8	100.2
174	105.3	83.8	125.8





#47

Bromodichloromethane

Concen: 48.897 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

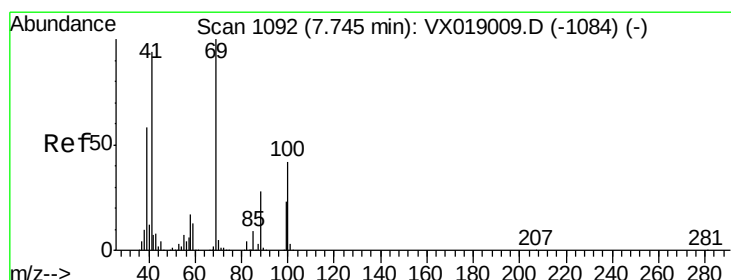
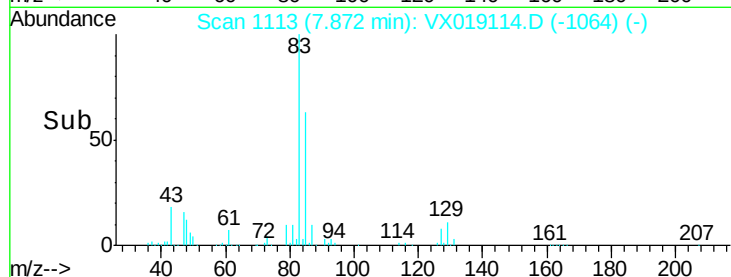
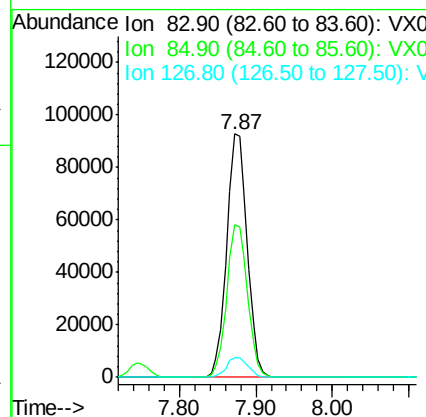
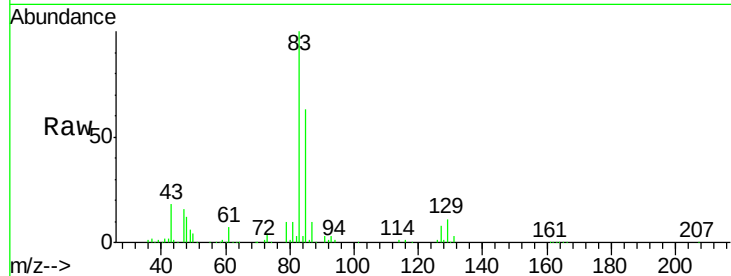
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	172225
Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.7	76.1
127	8.3	6.8	10.2

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#48

Methyl methacrylate

Concen: 45.283 ug/l

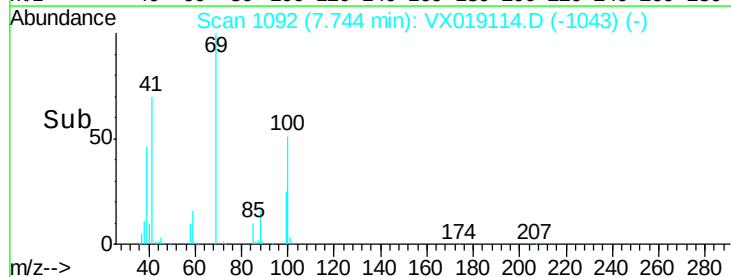
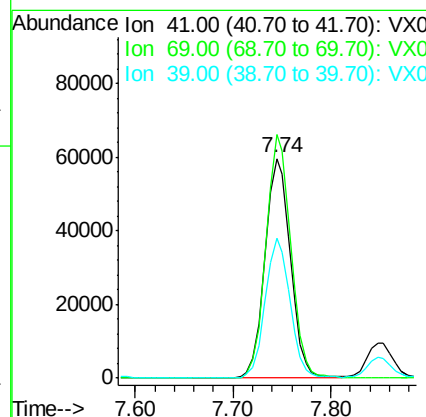
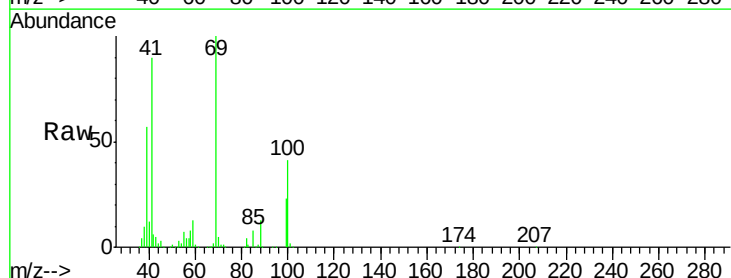
RT: 7.74 min Scan# 1092

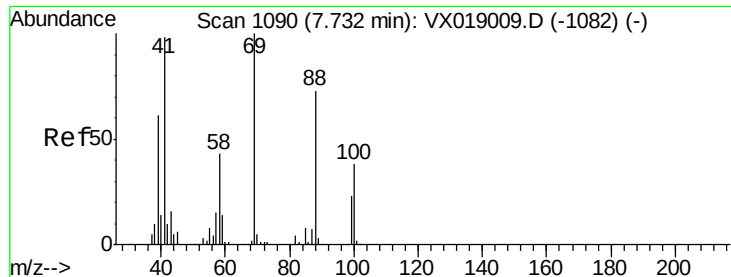
Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Tgt Ion:	41	Resp:	107680
Ion	Ratio	Lower	Upper
41	100		
69	108.7	85.5	128.3
39	62.0	49.3	73.9





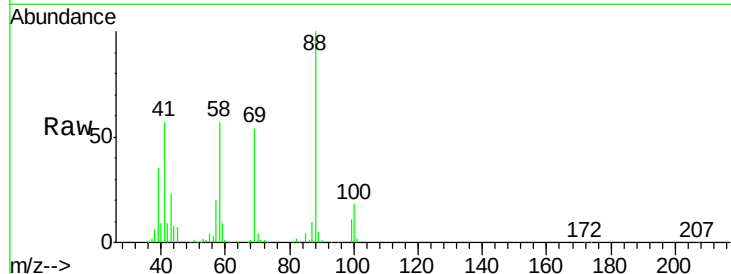
#49
1,4-Dioxane
Concen: 994.201 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

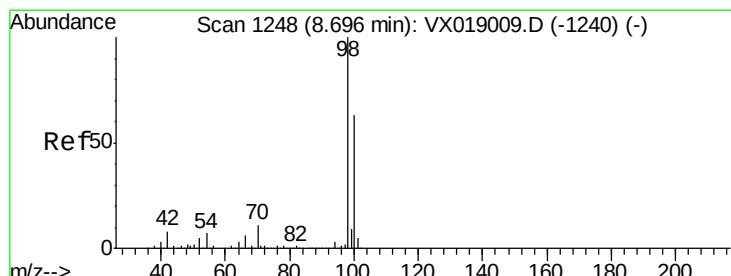
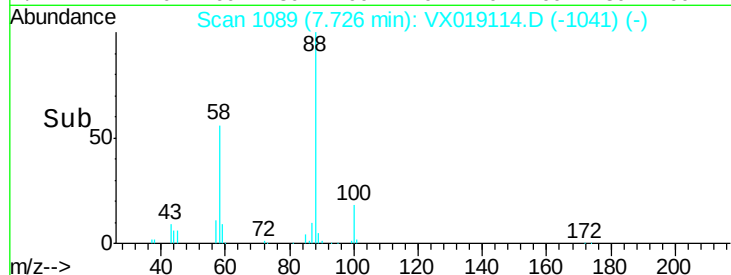
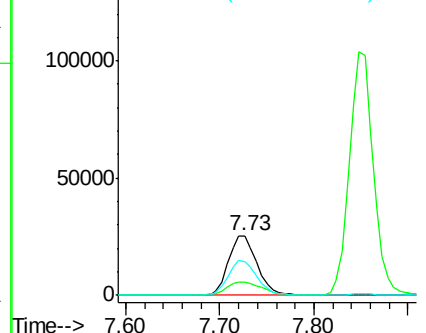
Tot Ion	Ratio	Lower	Upper
88	100		
43	25.7	20.3	30.5
58	59.8	48.4	72.6

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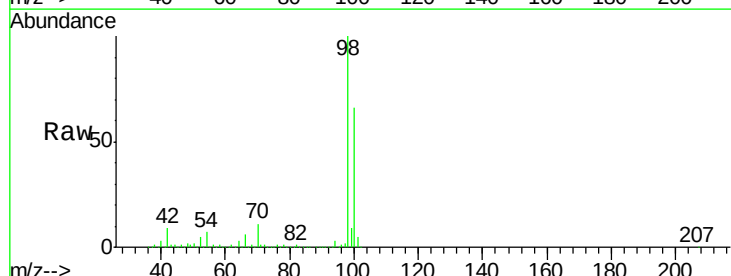


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

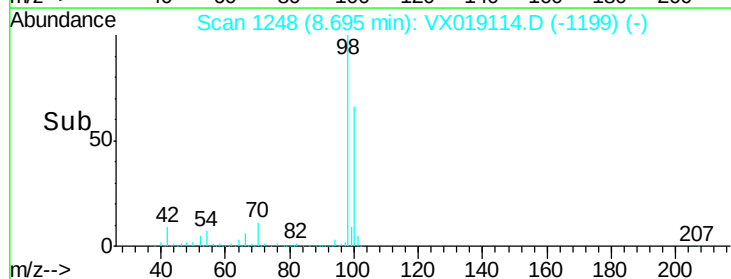
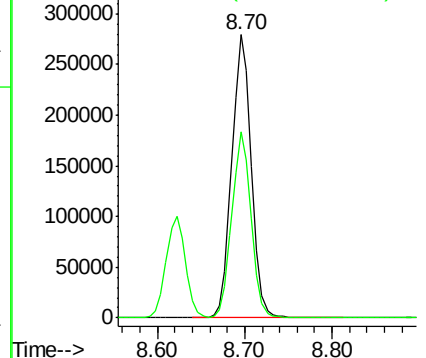


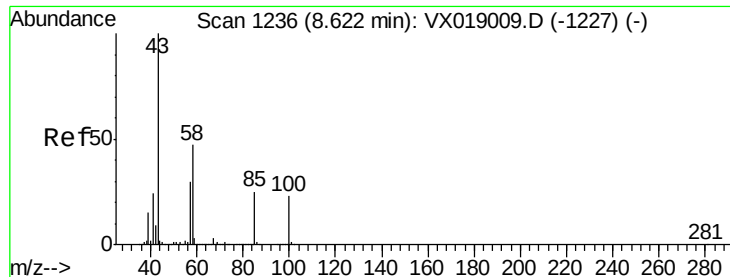
#50
Toluene-d8
Concen: 47.958 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.1	78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 237.873 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 676457

Ion Ratio Lower Upper

43 100

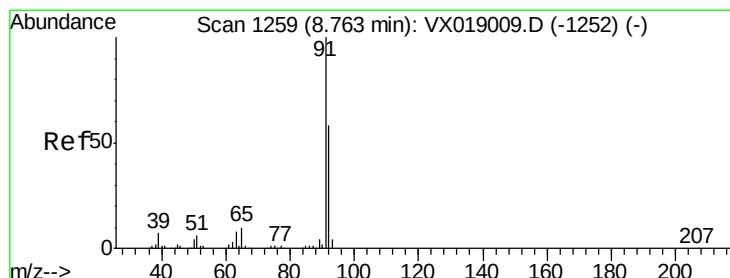
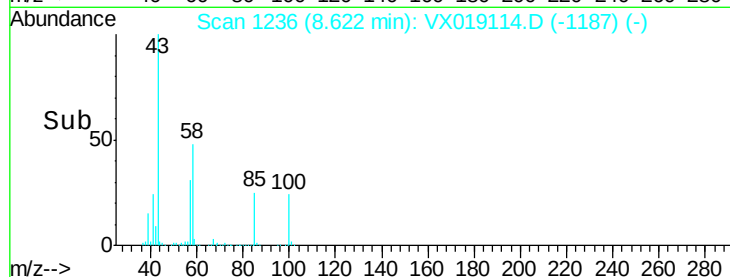
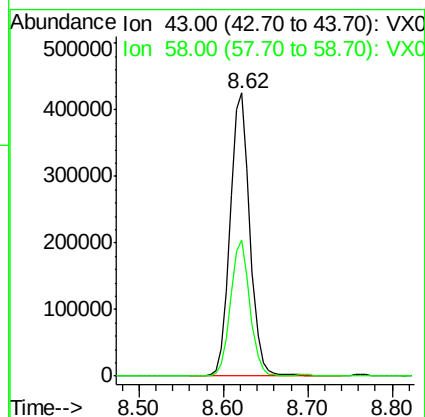
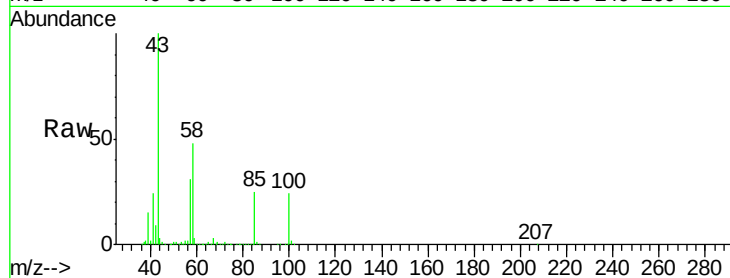
58 47.3 37.4 56.0

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#52

Toluene

Concen: 47.932 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX019114.D

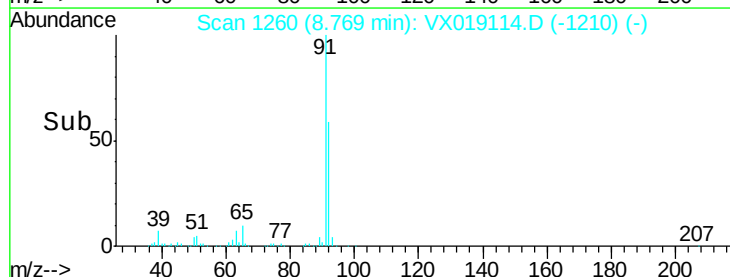
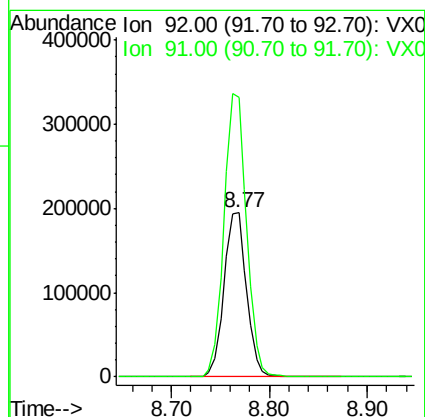
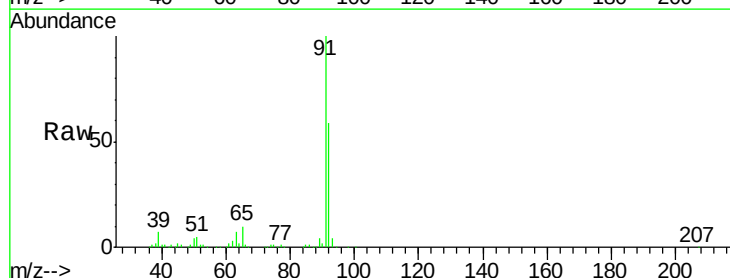
Acq: 24 Oct 2020 07:50

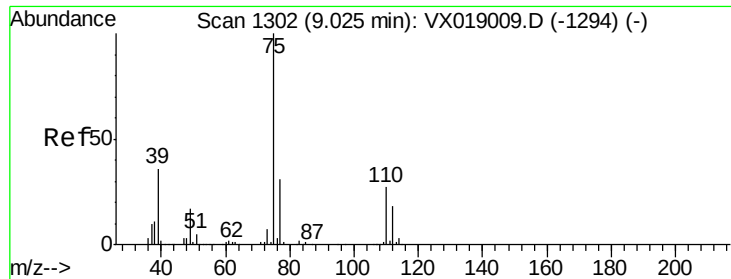
Tgt Ion: 92 Resp: 311288

Ion Ratio Lower Upper

92 100

91 172.6 138.6 208.0





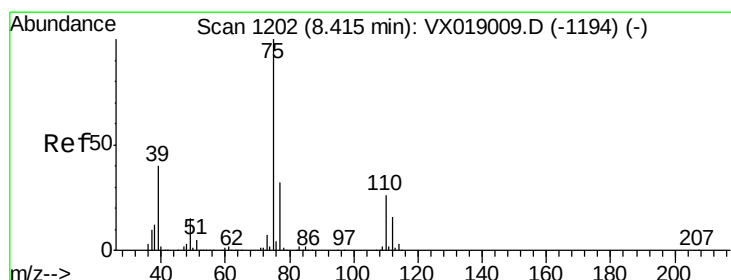
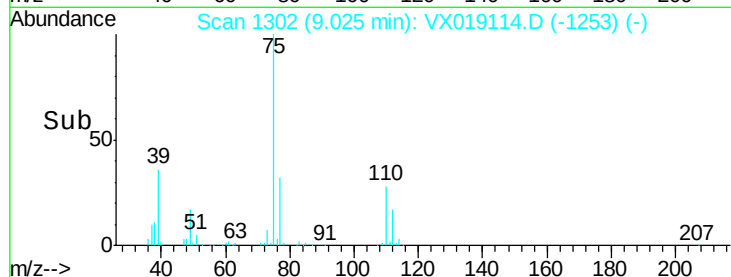
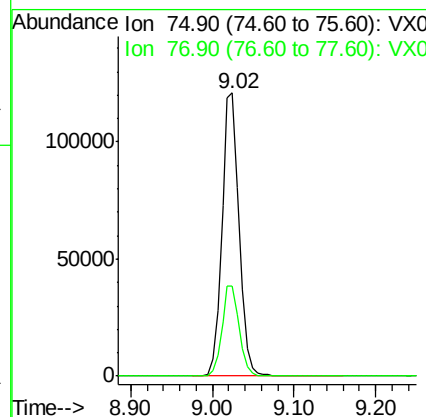
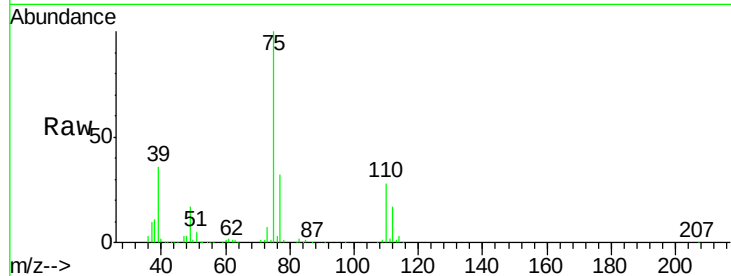
#53
t-1,3-Dichloropropene
Concen: 44.753 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 178003
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7

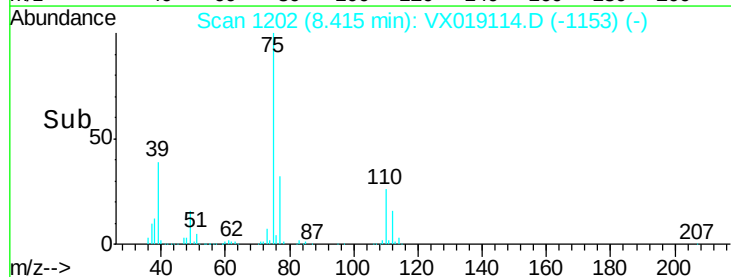
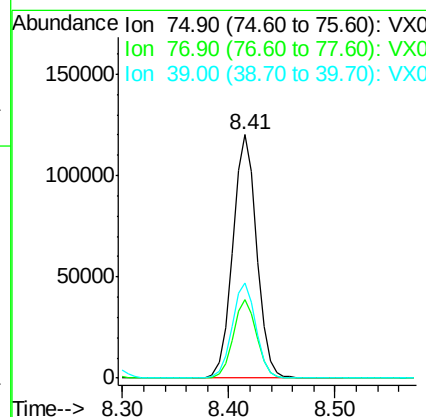
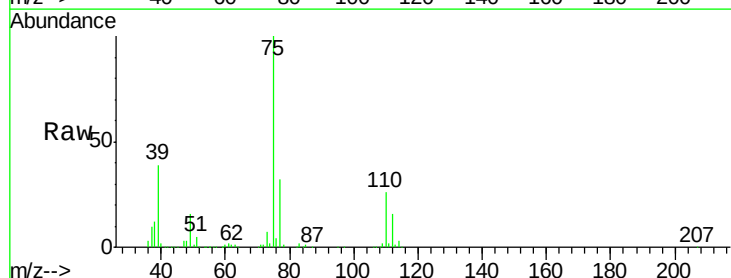
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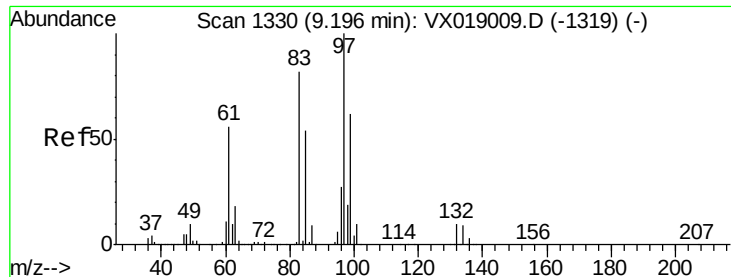
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#54
cis-1,3-Dichloropropene
Concen: 45.075 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion: 75 Resp: 189322
Ion Ratio Lower Upper
75 100
77 32.1 25.9 38.9
39 38.9 31.7 47.5





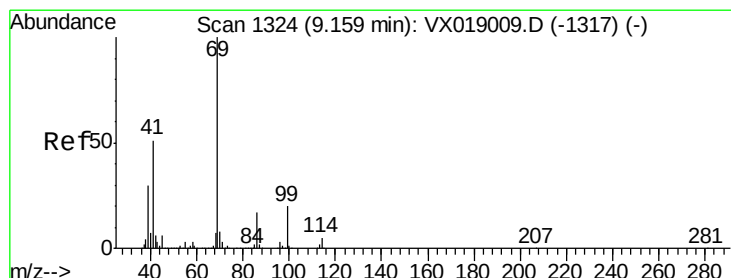
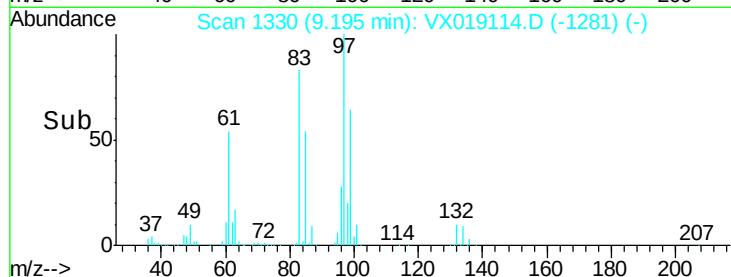
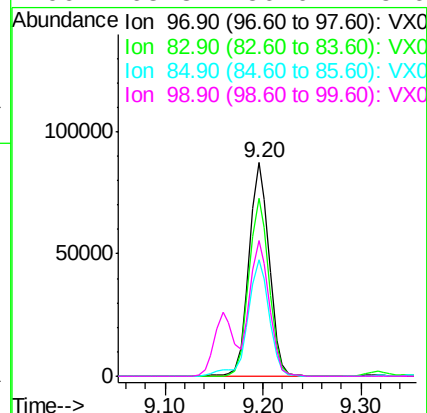
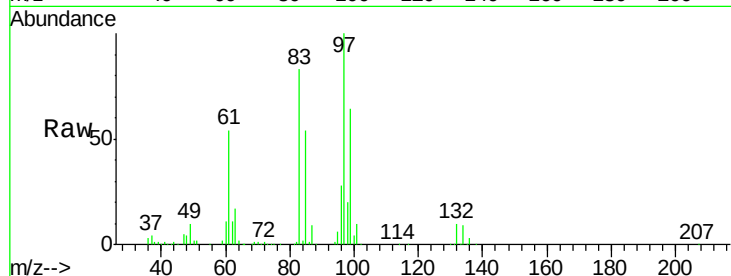
#55
 1,1,2-Trichloroethane
 Concen: 47.510 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		125783		
83	83.3	65.4	98.2		
85	54.4	43.3	64.9		
99	63.8	50.0	75.0		

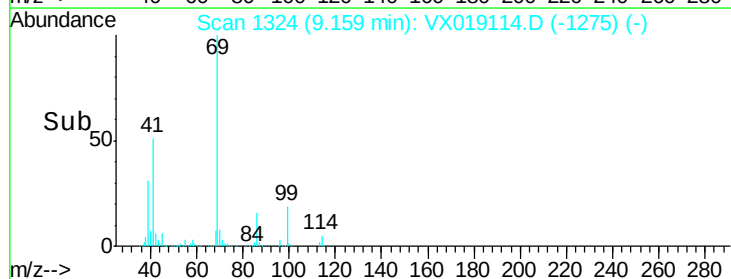
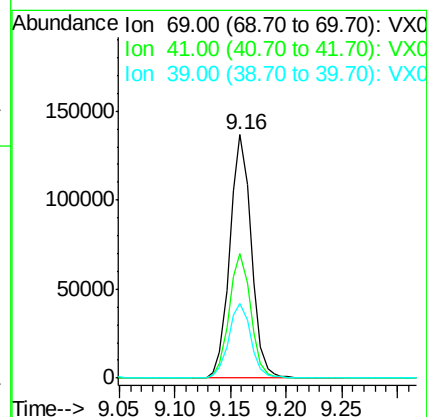
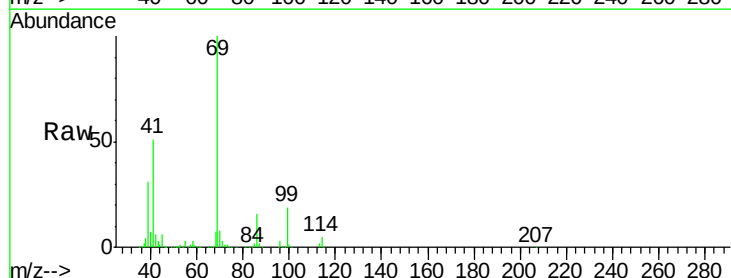
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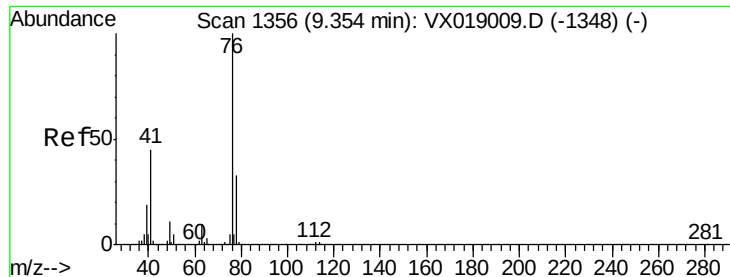
MMDadoda
 10/26/2020 10:03:24 AM



#56
 Ethyl methacrylate
 Concen: 48.005 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		182847		
41	51.4	41.1	61.7		
39	31.4	24.6	37.0		





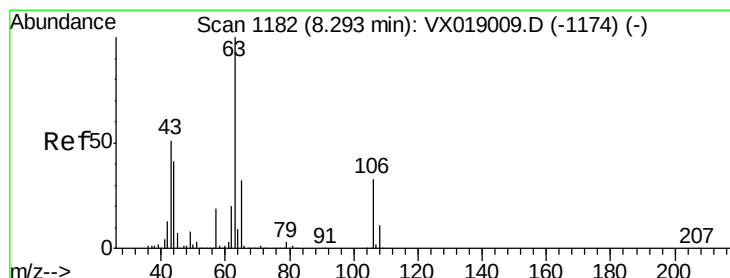
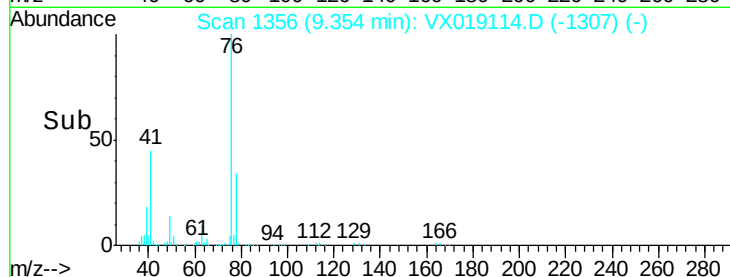
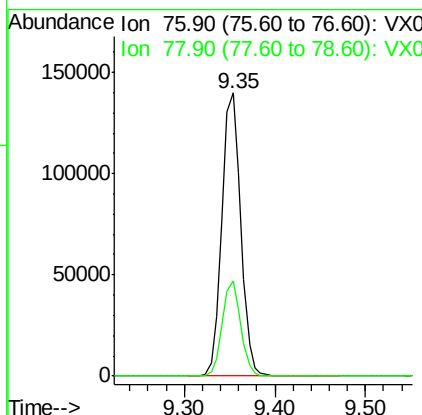
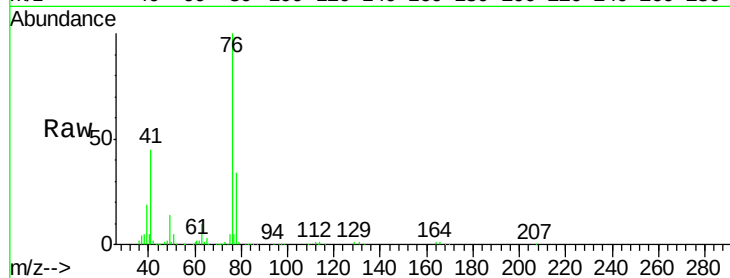
#57
 1,3-Dichloropropane
 Concen: 48.368 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.2	39.4

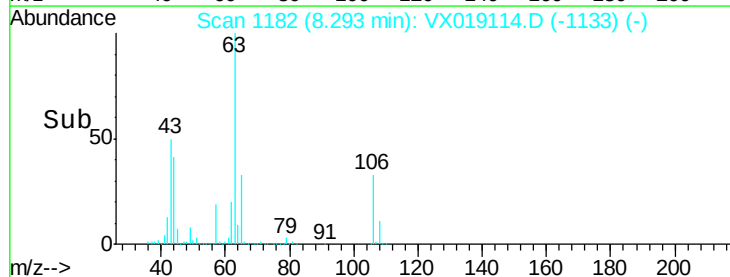
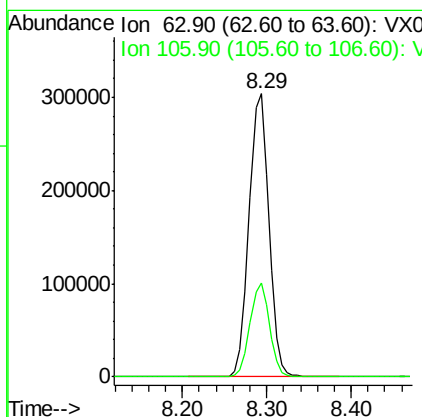
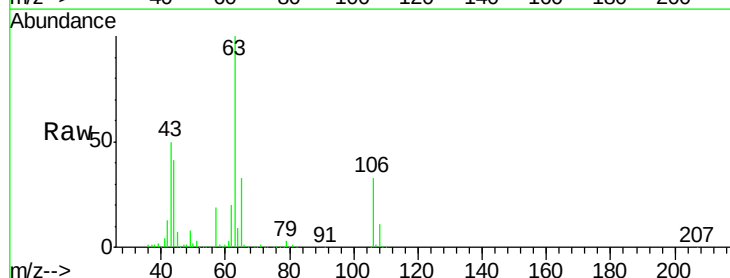
Manual Integrations
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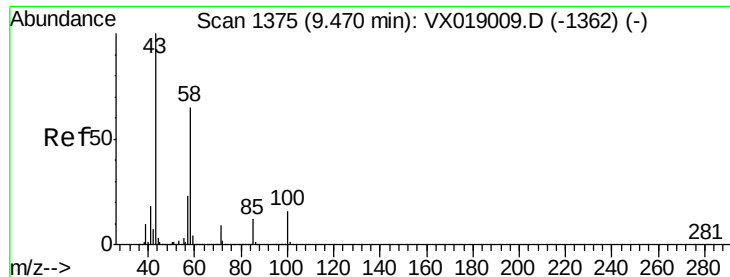
MMDadoda
 10/26/2020 10:03:24 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.846 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.7	26.0	39.0





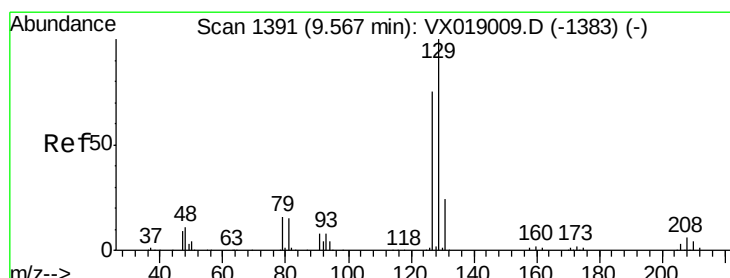
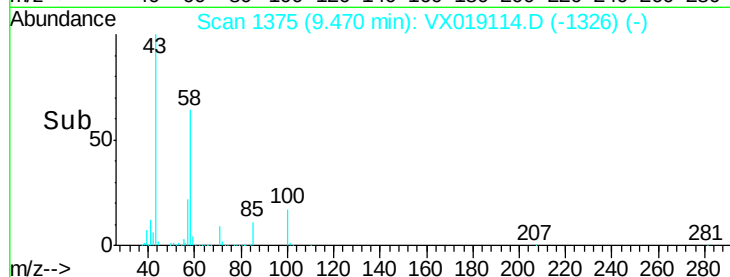
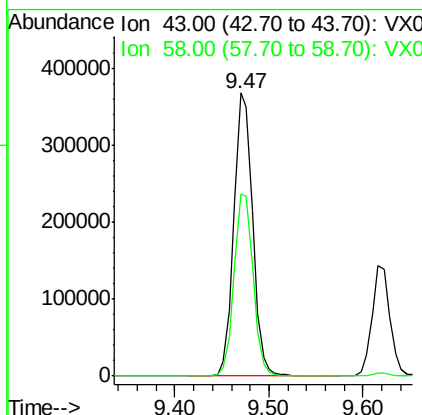
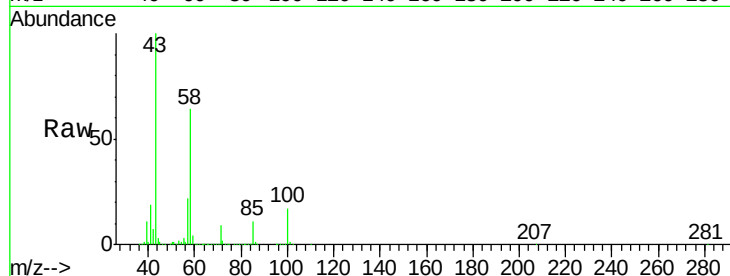
#59
2-Hexanone
Concen: 240.178 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	65.4	32.8	98.4

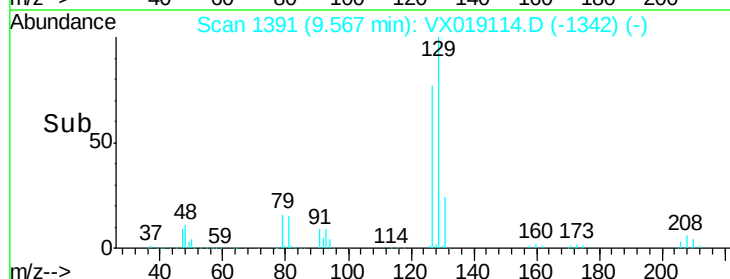
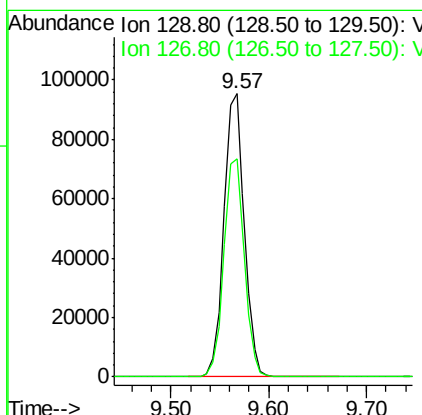
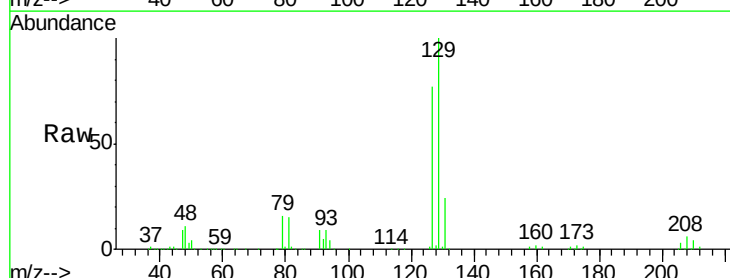
Manual Integrations
APPROVED

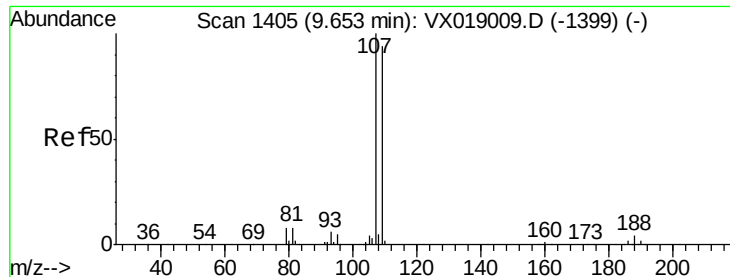
MMDadoda
10/26/2020 10:03:24 AM



#60
Dibromochloromethane
Concen: 47.810 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.6	115.7





#61

1,2-Dibromoethane

Concen: 46.880 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 132796

Ion Ratio Lower Upper

107 100

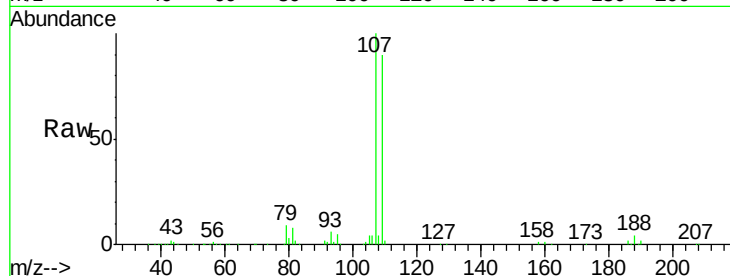
109 94.4 75.0 112.6

Manual Integrations

APPROVED

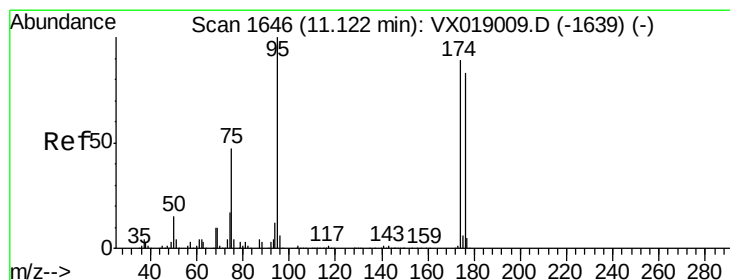
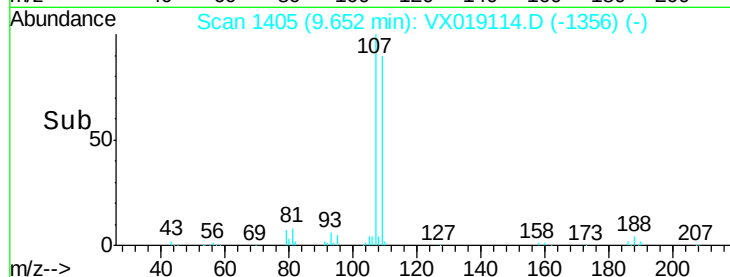
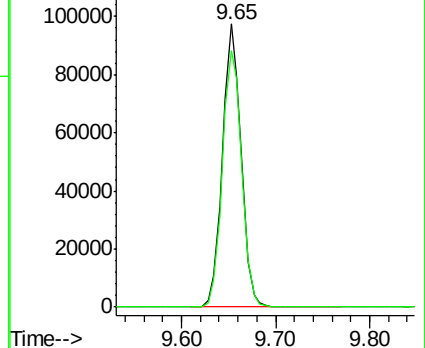
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.471 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

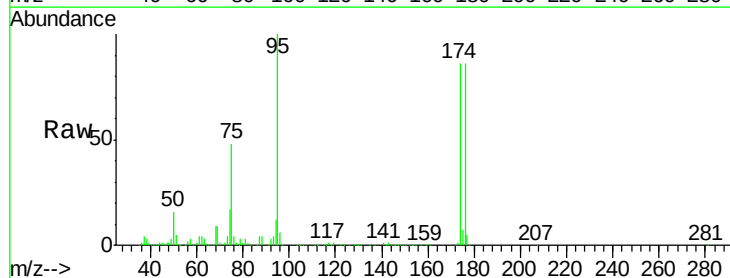
Tgt Ion: 95 Resp: 154990

Ion Ratio Lower Upper

95 100

174 82.9 0.0 167.6

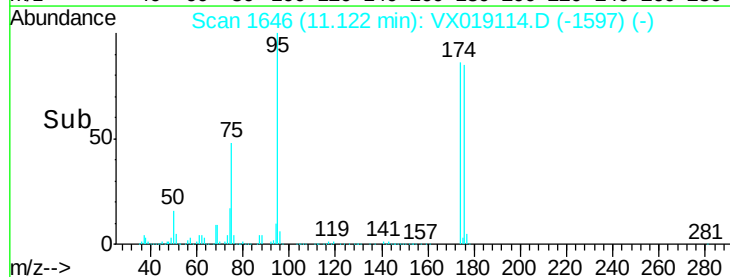
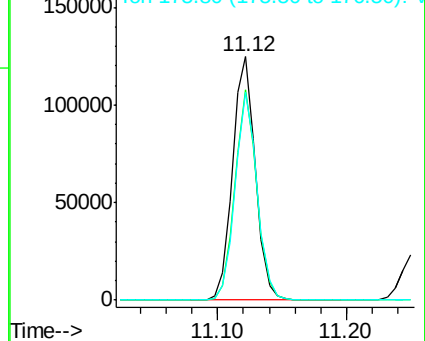
176 82.3 0.0 165.2

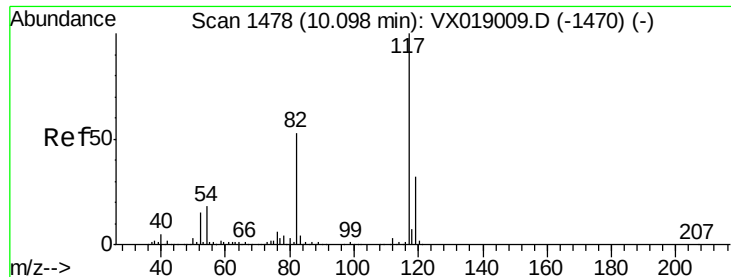


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





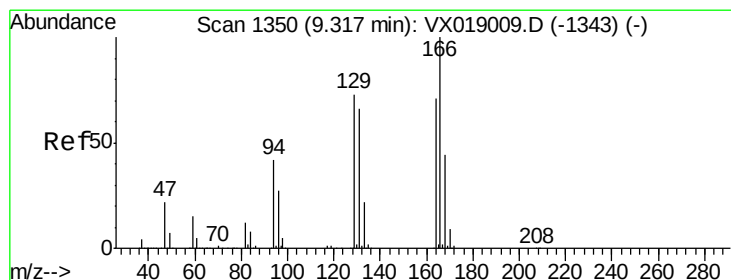
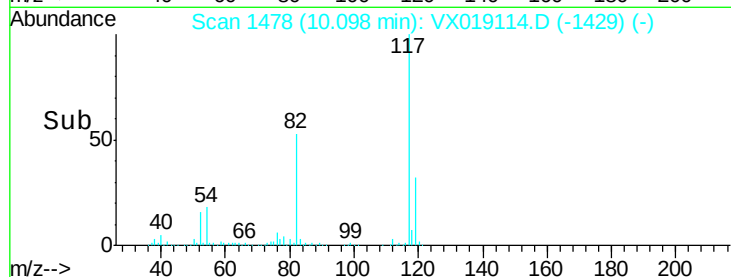
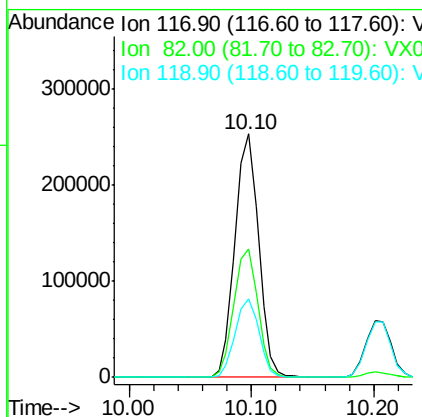
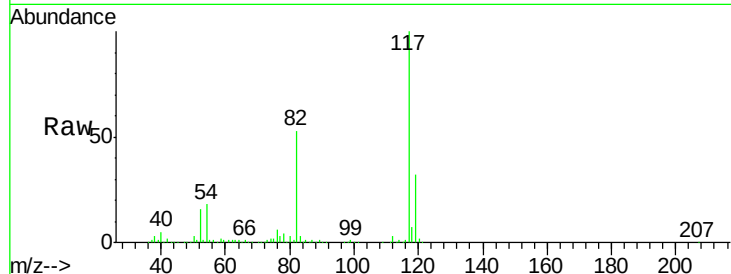
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	339838		
82	52.7		42.4	63.6
119	32.5		25.6	38.4

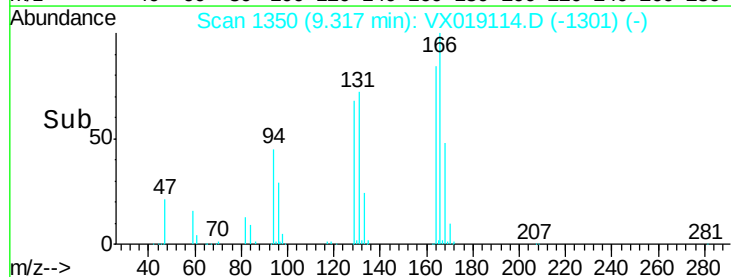
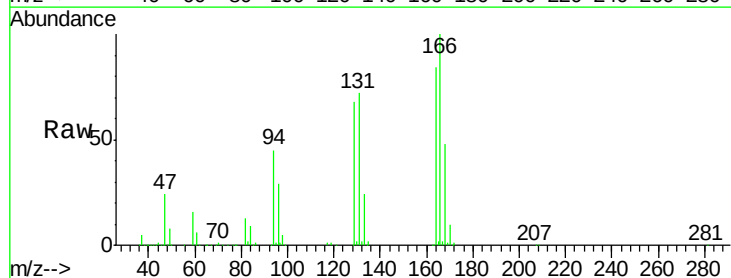
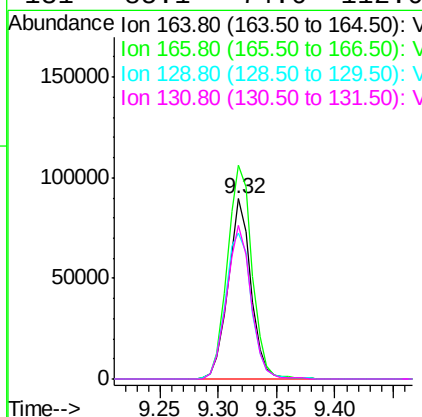
Manual Integrations
APPROVED

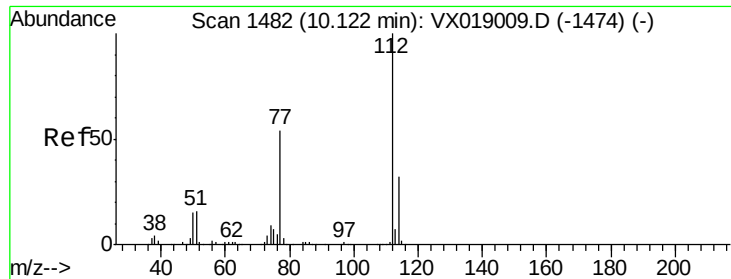
MMDadoda
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#64
Tetrachloroethene
Concen: 47.283 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	122340		
166	118.4		112.2	168.4
129	80.7		81.8	122.8
131	85.1		74.6	112.0





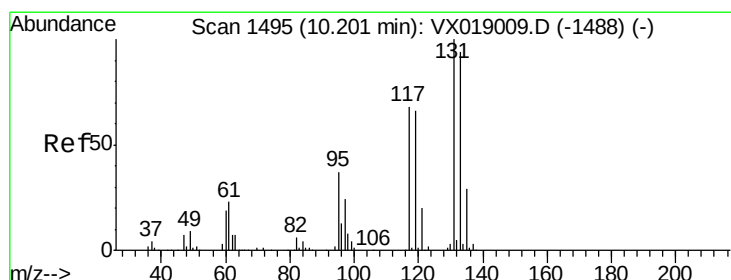
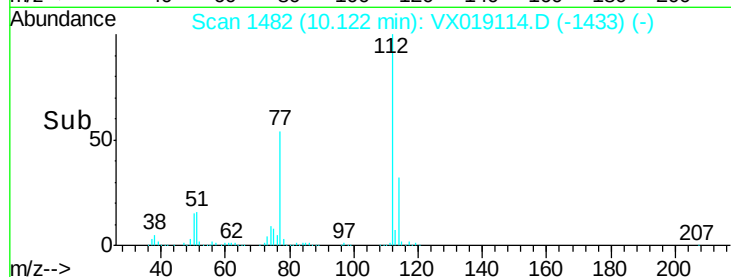
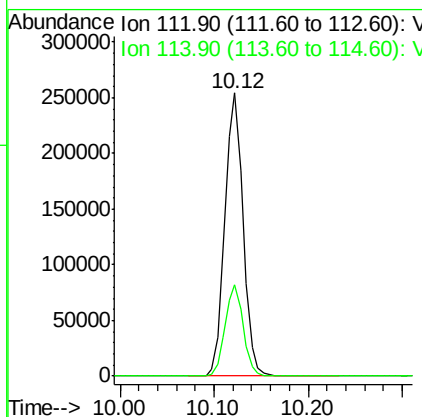
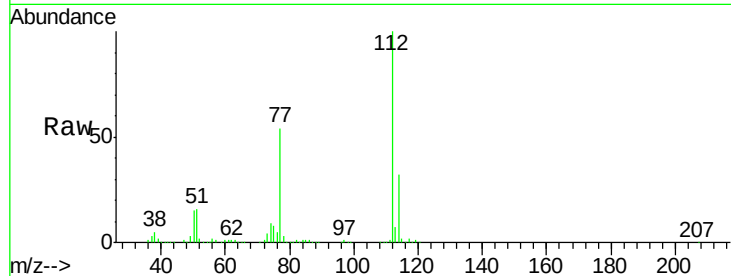
#65
Chlorobenzene
Concen: 47.865 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.5	38.3

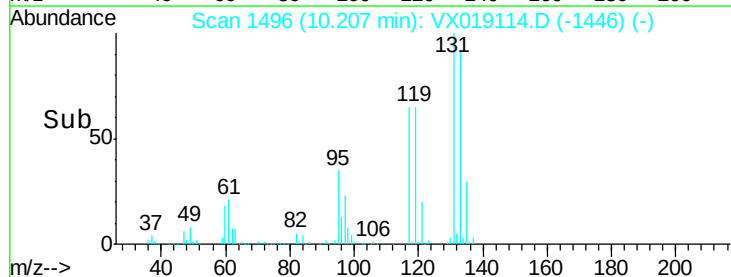
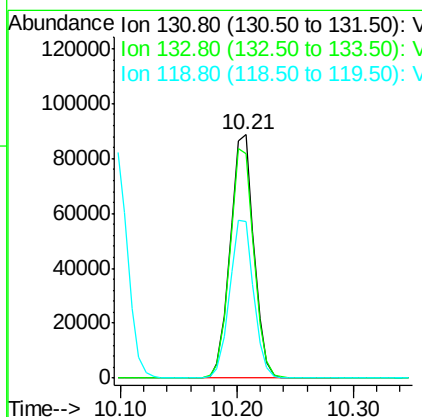
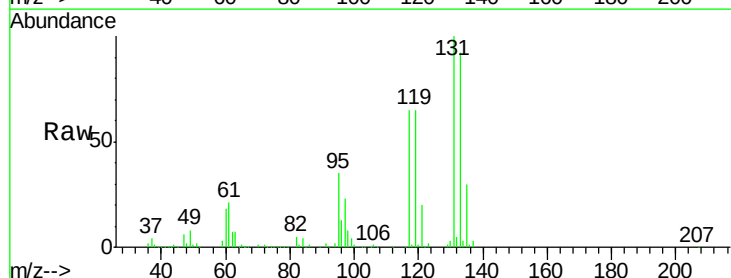
Manual Integrations
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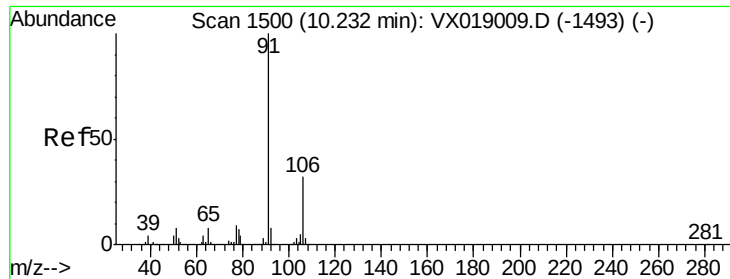
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.588 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.0	141.2
119	65.8	32.9	98.7





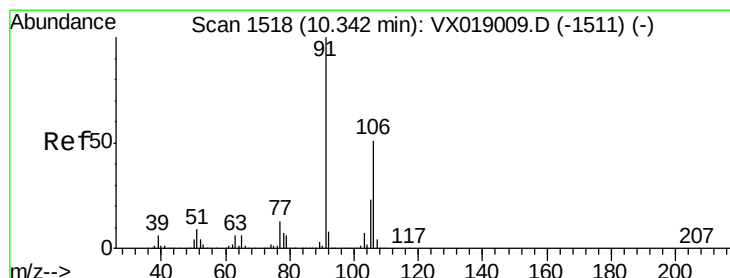
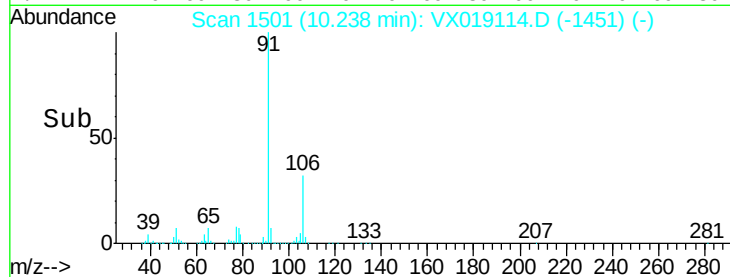
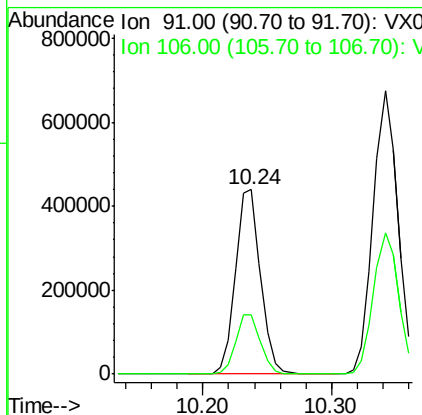
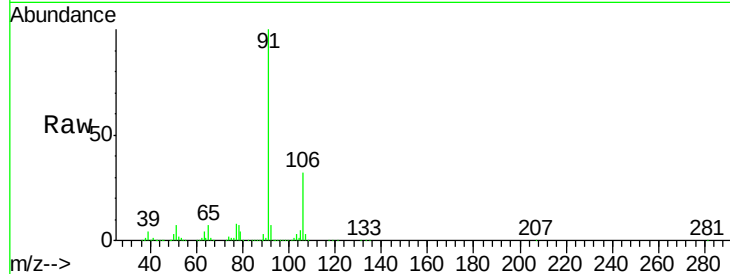
#67
Ethyl Benzene
Concen: 48.400 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 594720
Ion Ratio Lower Upper
91 100
106 32.1 25.3 37.9

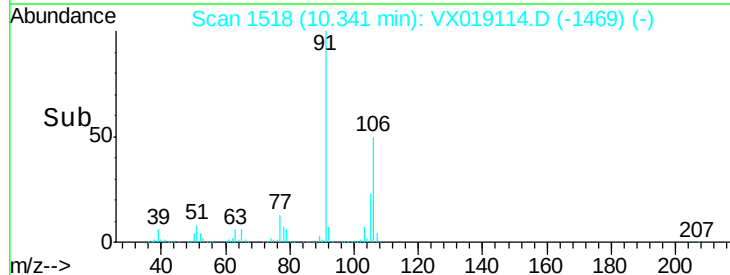
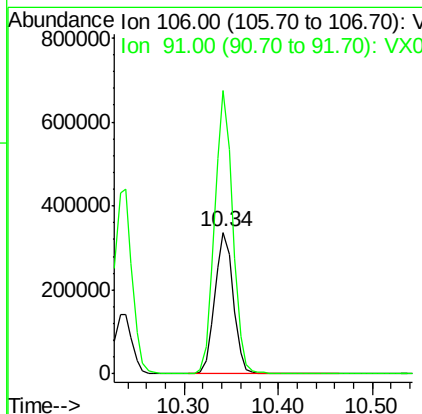
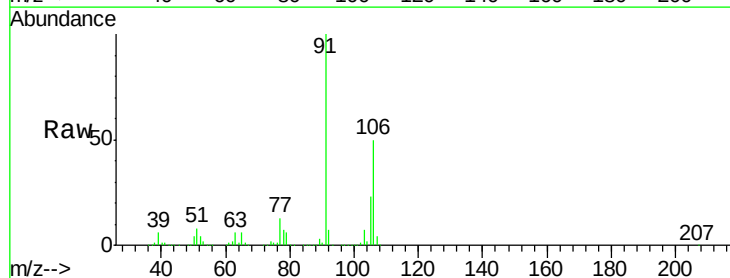
Manual Integrations
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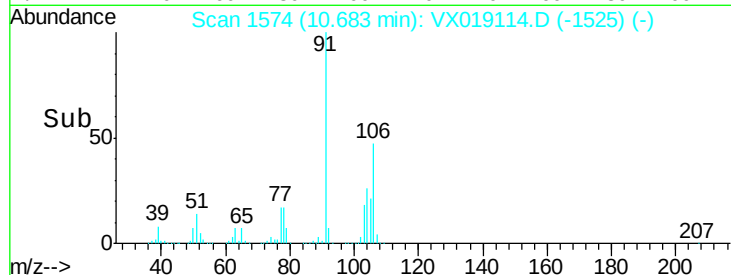
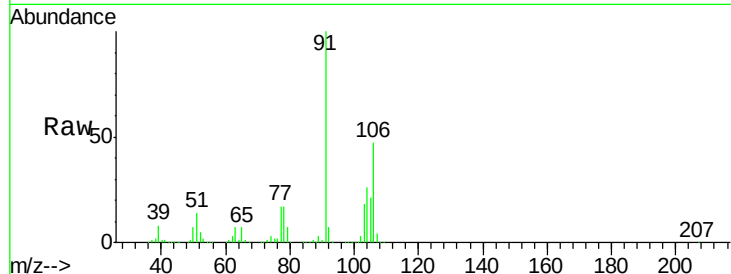
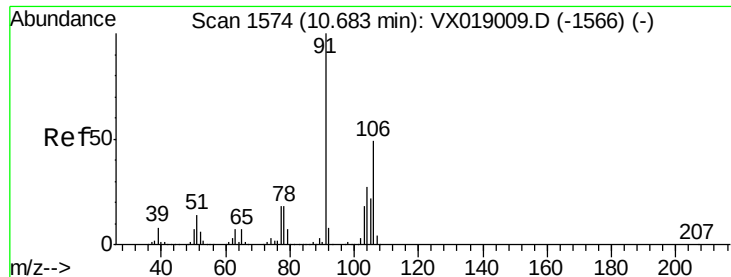
MMDadoda
10/26/2020 10:03:24 AM



#68
m/p-Xylenes
Concen: 97.276 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion: 106 Resp: 457872
Ion Ratio Lower Upper
106 100
91 195.8 156.9 235.3





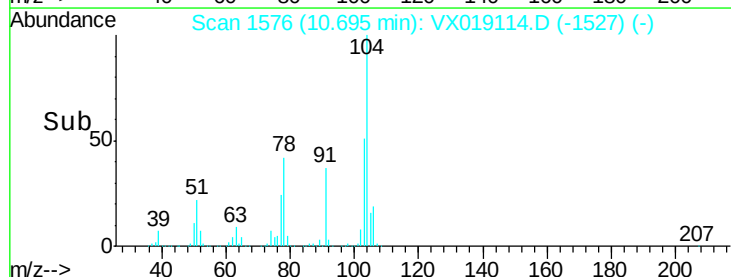
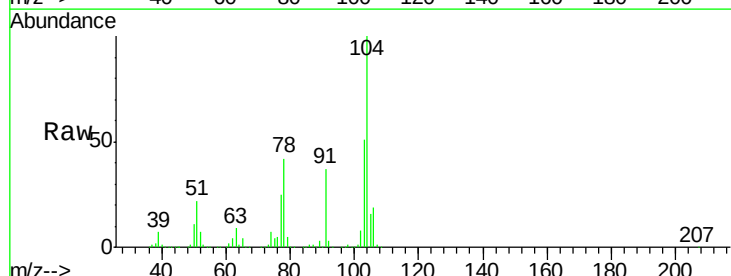
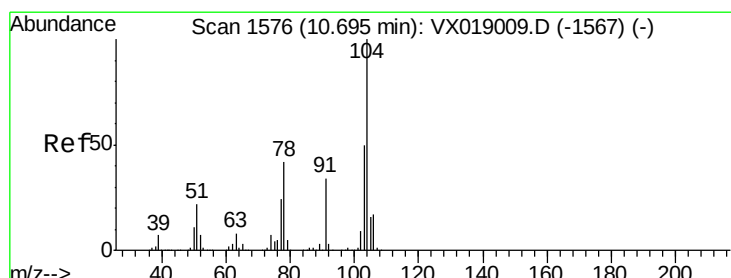
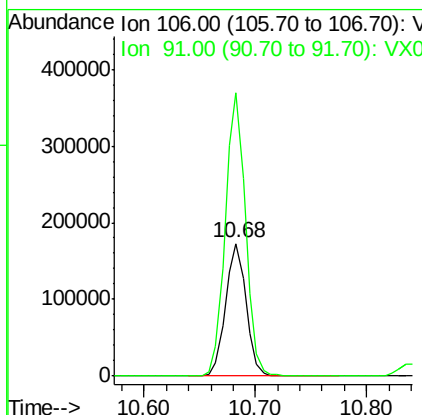
#69
o-Xylene
Concen: 48.731 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.7	104.0	312.0

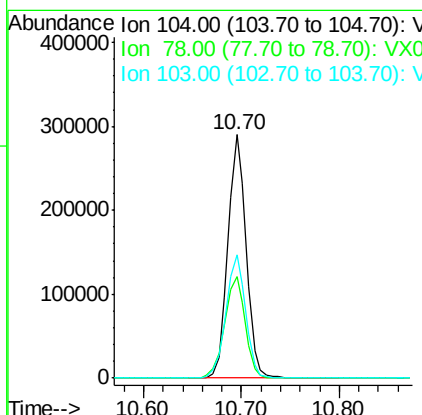
Manual Integrations
APPROVED

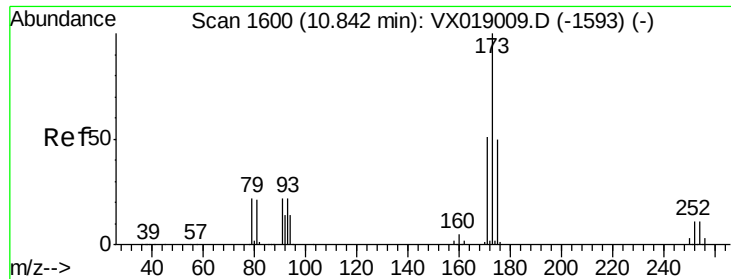
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#70
Styrene
Concen: 49.027 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.9	37.7	56.5
103	54.8	43.5	65.3





#71

Bromoform

Concen: 48.590 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 99410

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.4

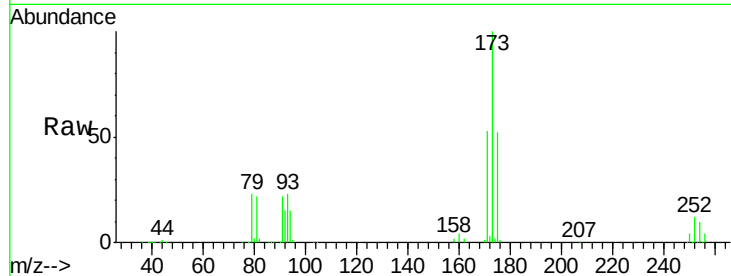
254 0.1 0.1 0.1

Manual Integrations

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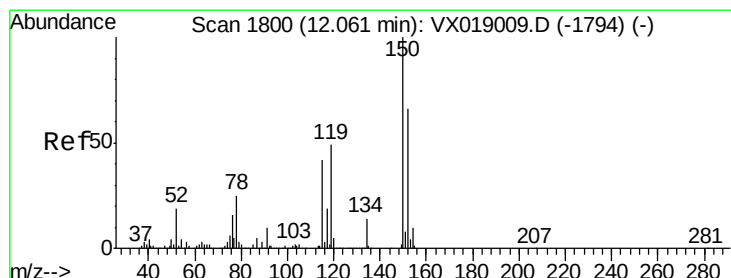
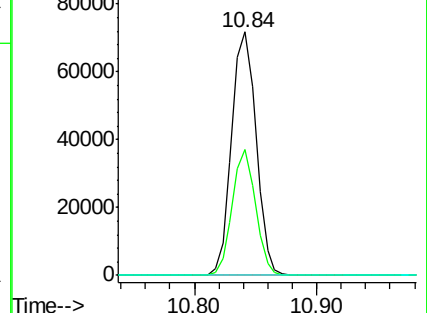
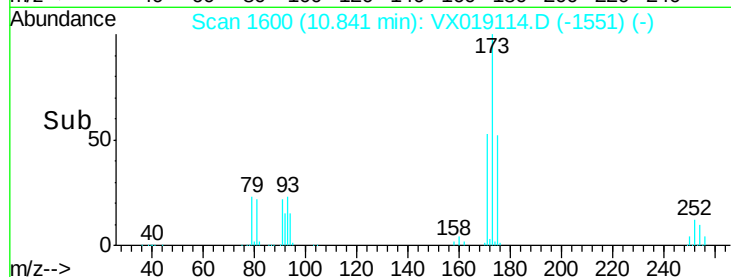
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX019114.D

Acq: 24 Oct 2020 07:50

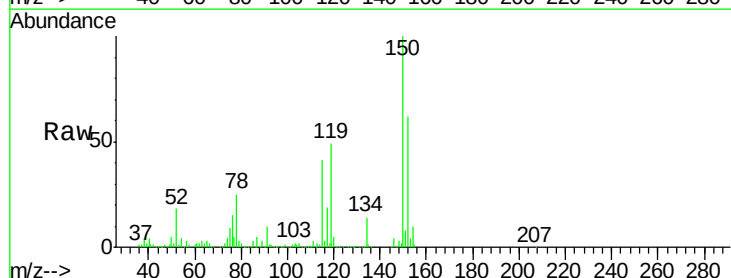
Tgt Ion:152 Resp: 179132

Ion Ratio Lower Upper

152 100

115 80.0 40.8 122.5

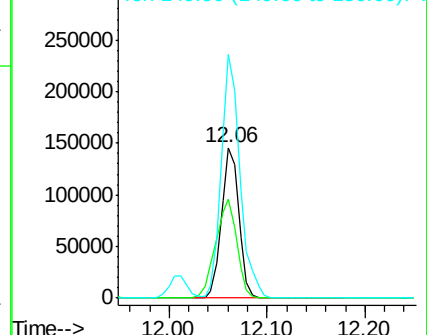
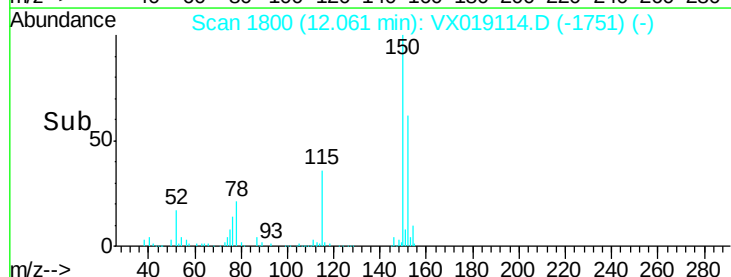
150 175.1 0.0 345.6

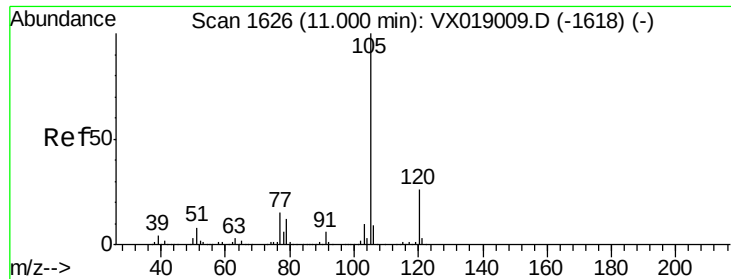


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.903 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 591524

Ion Ratio Lower Upper

105 100

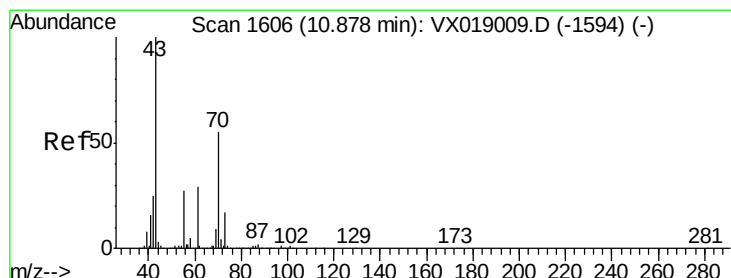
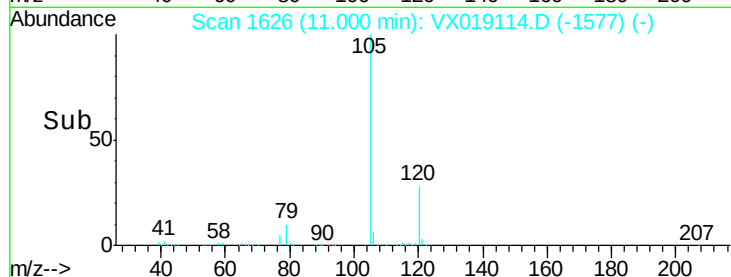
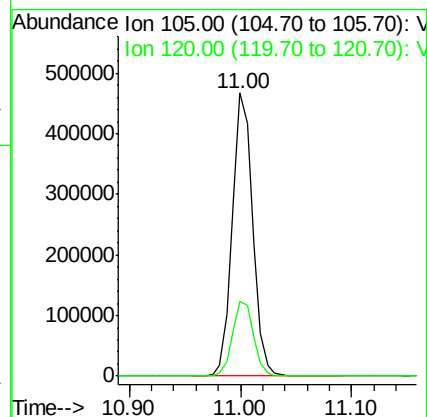
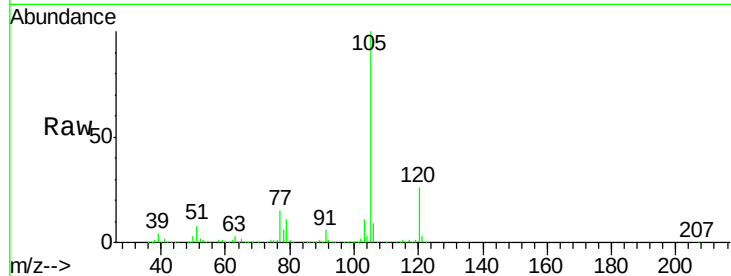
120 27.2 13.4 40.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 46.281 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Tgt Ion: 43 Resp: 191083

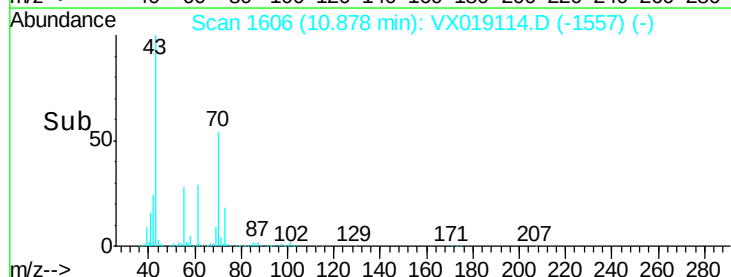
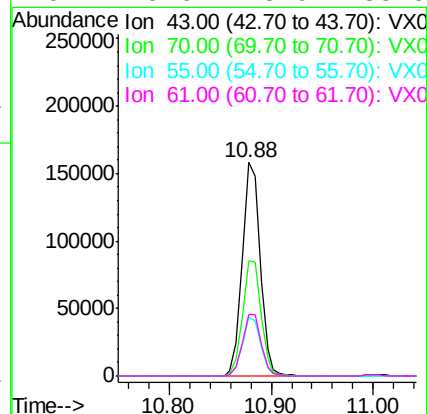
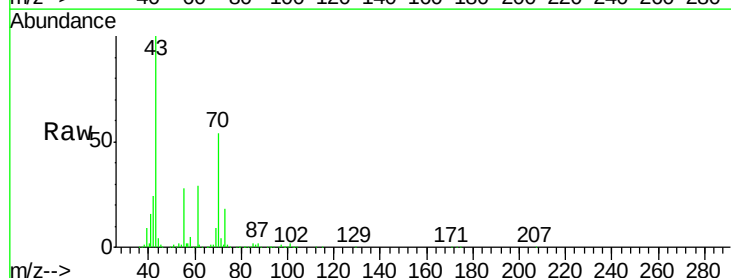
Ion Ratio Lower Upper

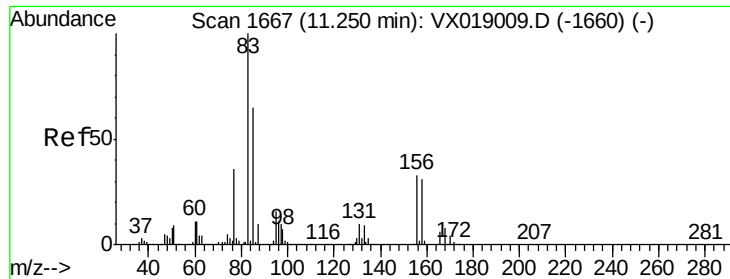
43 100

70 55.6 44.5 66.7

55 27.8 21.9 32.9

61 29.6 23.9 35.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.417 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

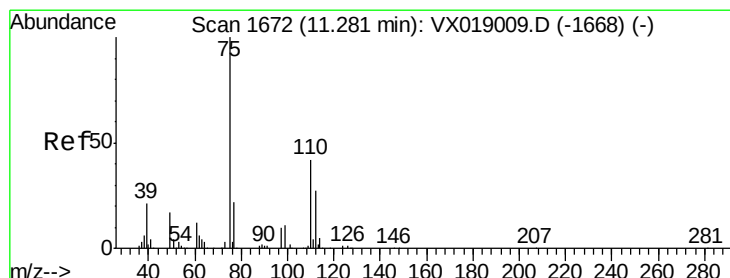
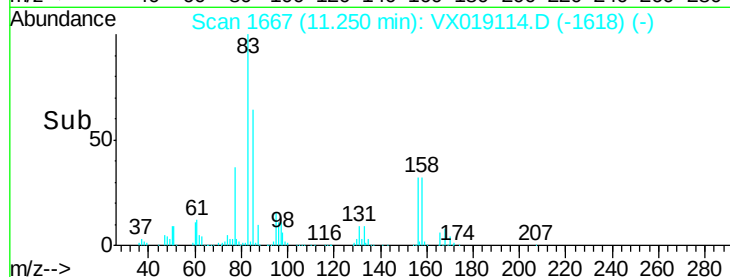
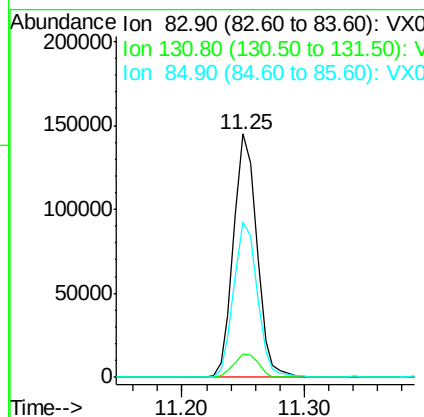
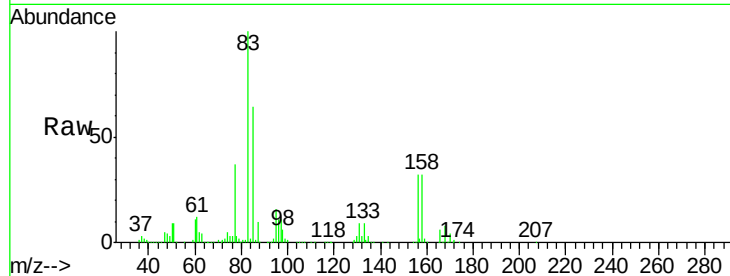
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	191842
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.4
85	64.4	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.624 ug/l m

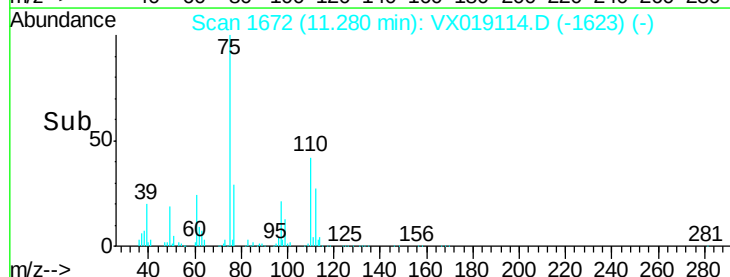
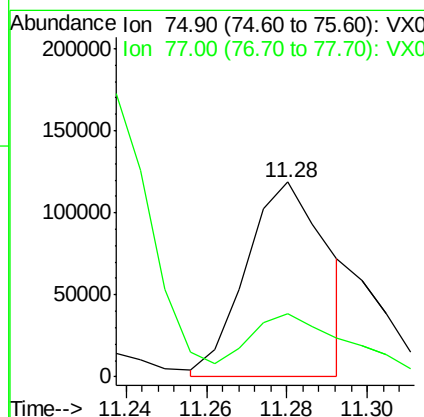
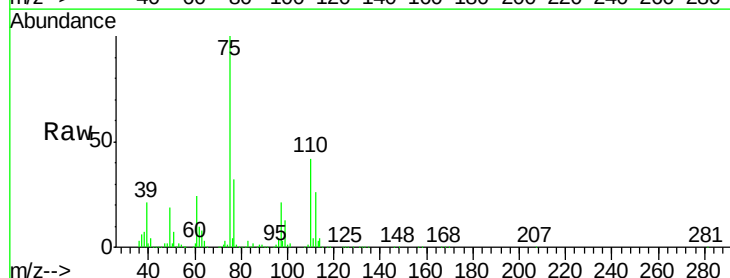
RT: 11.28 min Scan# 1672

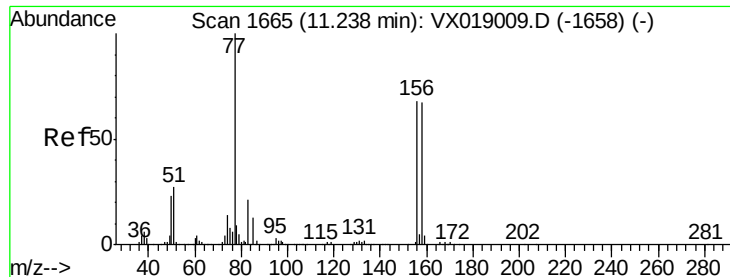
Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Tgt Ion:	75	Resp:	166928
Ion Ratio	Lower	Upper	
75	100		
77	39.9	20.7	62.1





#77

Bromobenzene

Concen: 44.408 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 144523

Ion Ratio Lower Upper

156 100

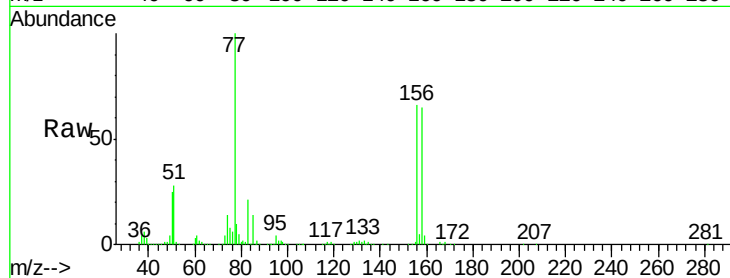
77 151.6 74.4 223.1

158 99.4 48.8 146.3

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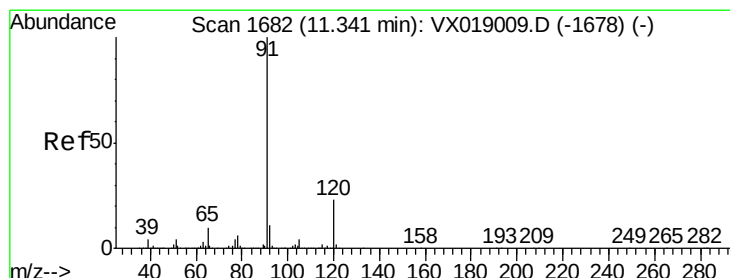
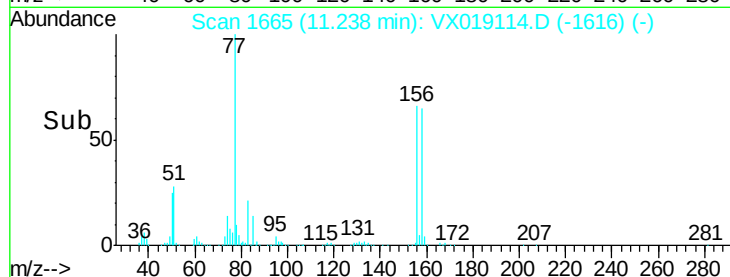
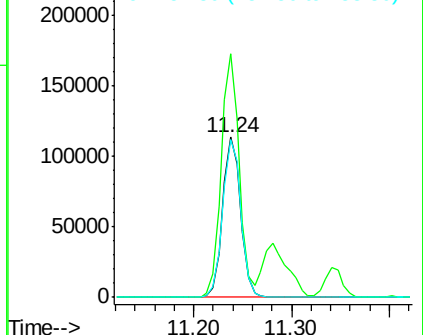
10/26/2020 10:03:24 AM



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: 45.336 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019114.D

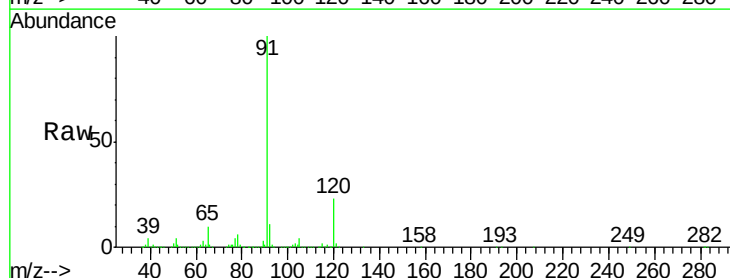
Acq: 24 Oct 2020 07:50

Tgt Ion: 91 Resp: 661997

Ion Ratio Lower Upper

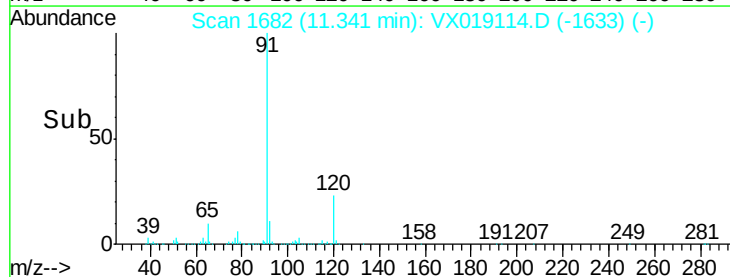
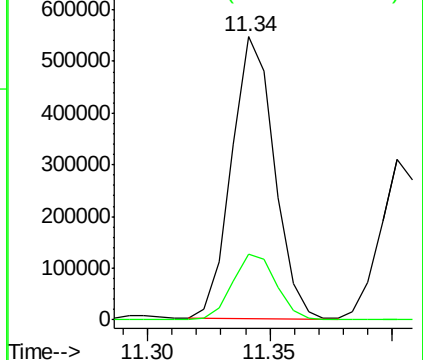
91 100

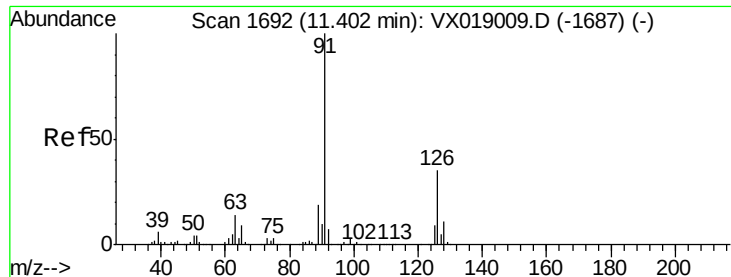
120 24.1 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.026 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 383557

Ion Ratio Lower Upper

91 100

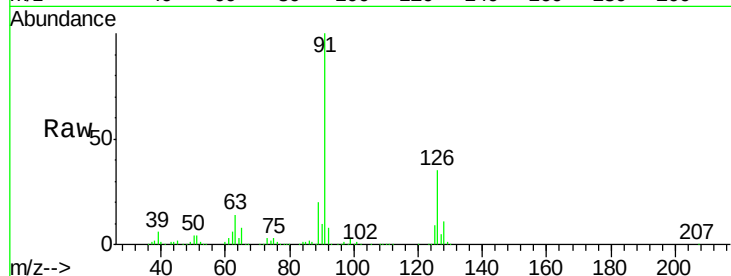
126 35.3 17.5 52.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX019009.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019009.D (-1687) (-)

500000

400000

300000

200000

100000

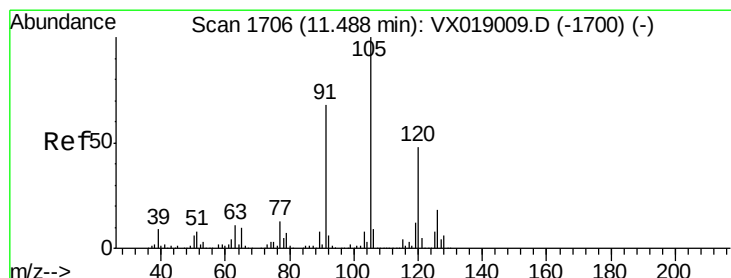
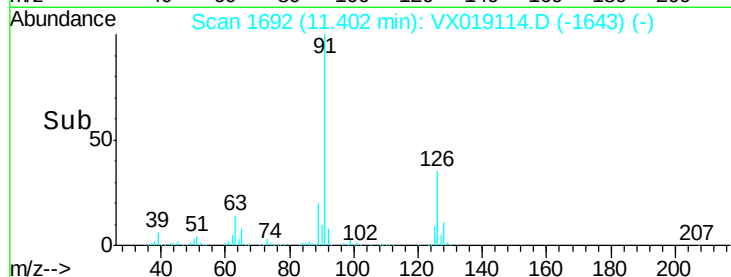
0

11.35

11.40

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 46.627 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019114.D

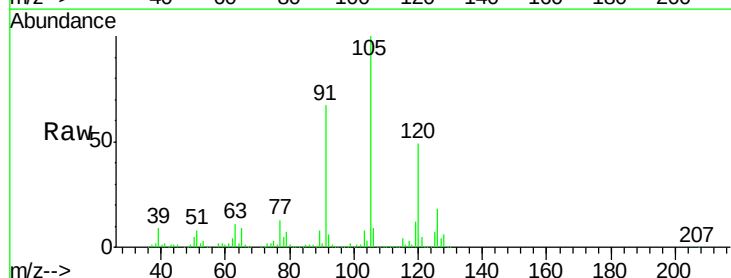
Acq: 24 Oct 2020 07:50

Tgt Ion: 105 Resp: 496176

Ion Ratio Lower Upper

105 100

120 50.0 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX019009.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019009.D (-1700) (-)

400000

300000

200000

100000

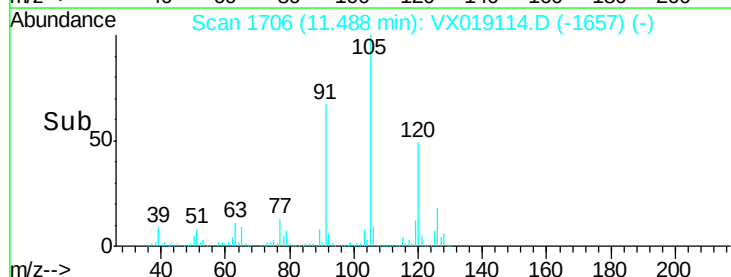
0

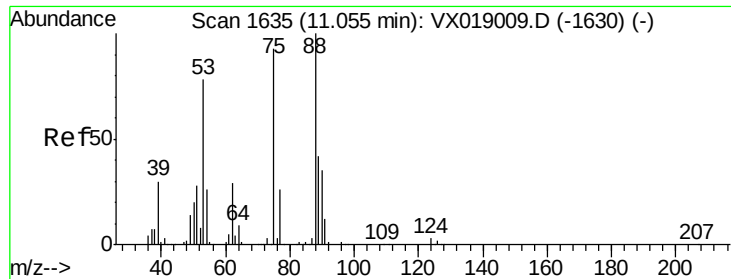
11.40

11.49

11.60

Time-->





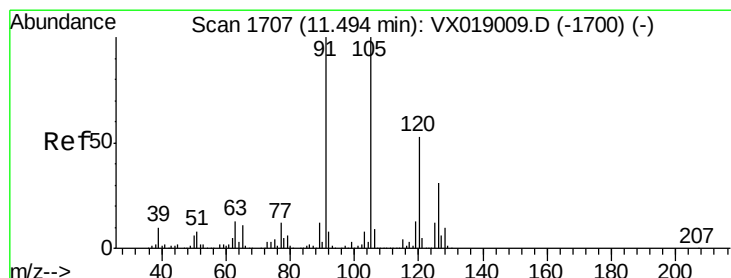
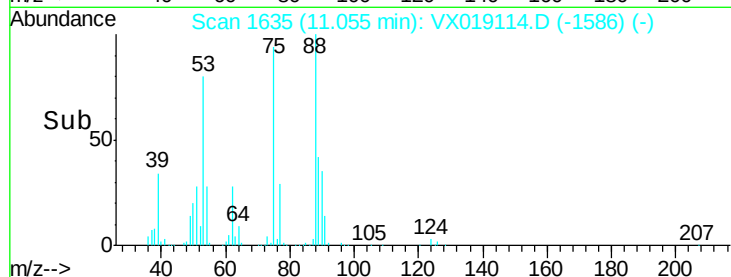
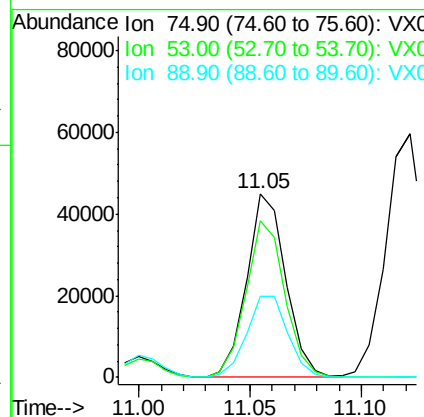
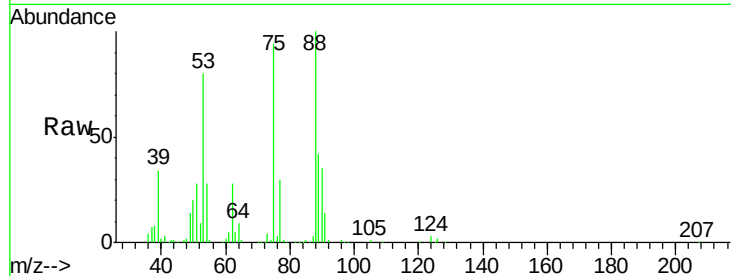
#81
trans-1,4-Dichloro-2-butene
Concen: 38.827 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.8	67.4	101.2
89	47.5	37.2	55.8

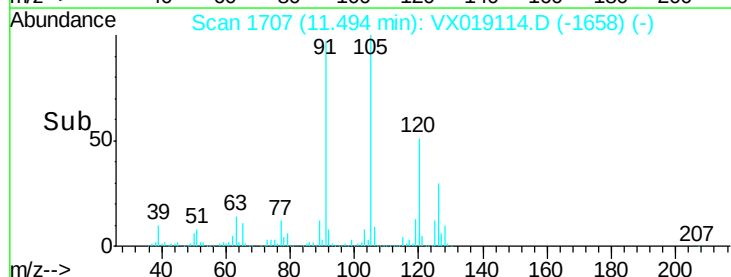
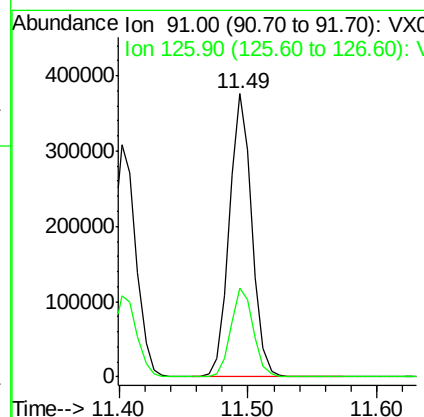
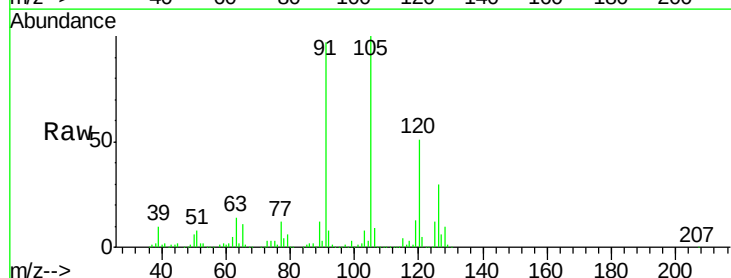
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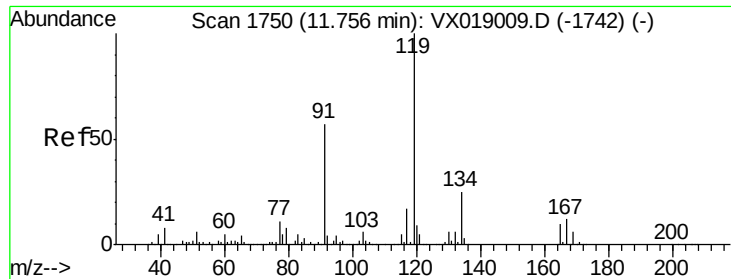
MMDadoda
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#82
4-Chlorotoluene
Concen: 45.459 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.6	46.7





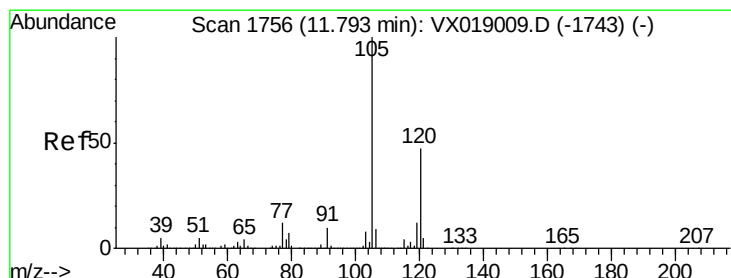
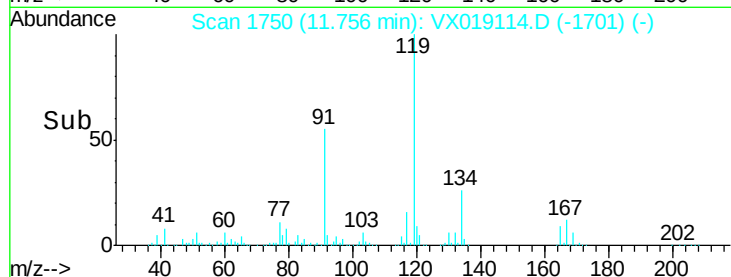
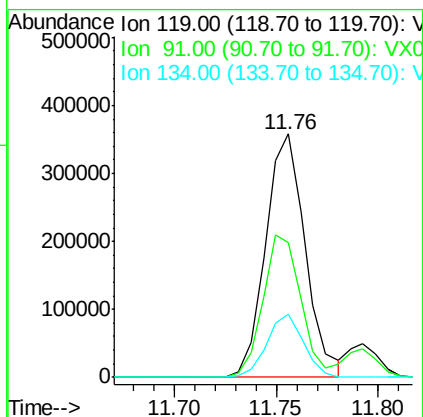
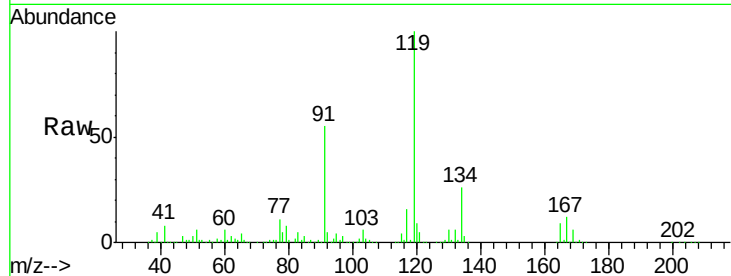
#83
tert-Butylbenzene
Concen: 46.134 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	483622		
91	56.0		28.1	84.4
134	24.1		11.8	35.3

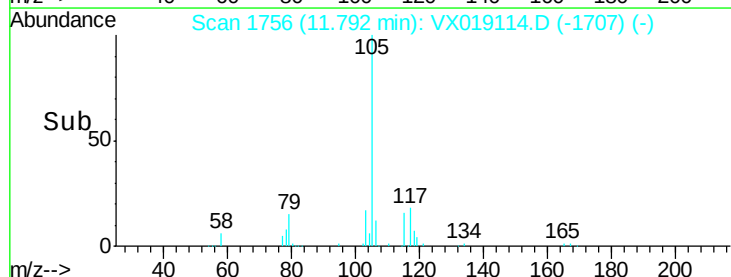
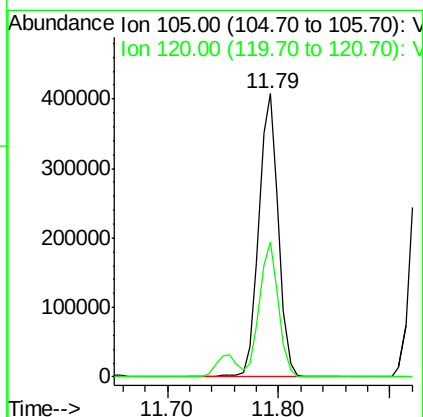
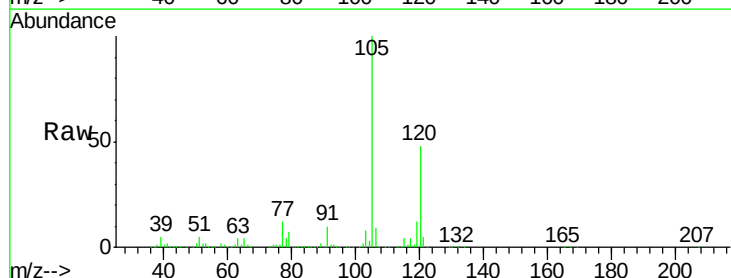
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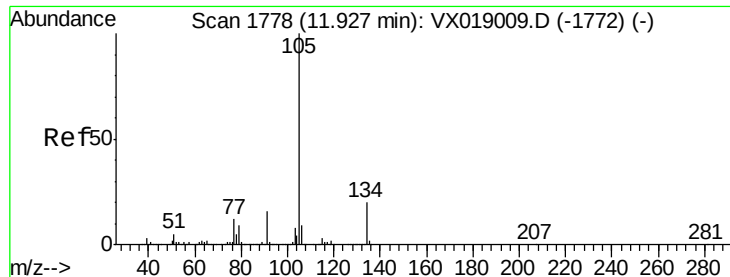
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#84
1,2,4-Trimethylbenzene
Concen: 46.856 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	499284		
120	46.2		22.9	68.8





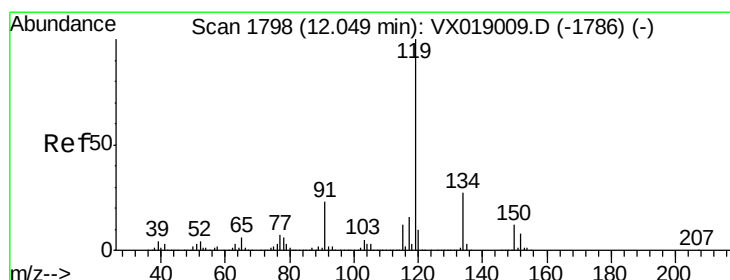
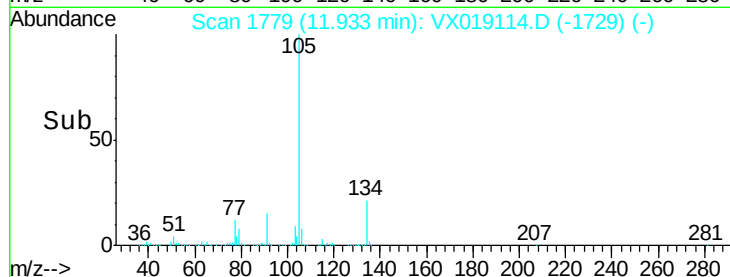
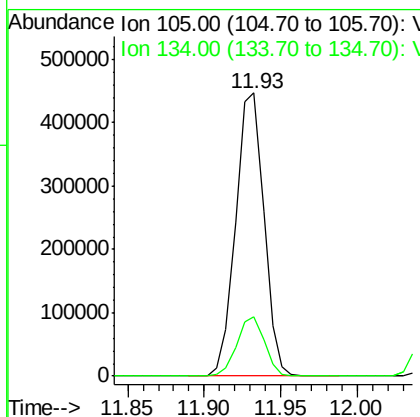
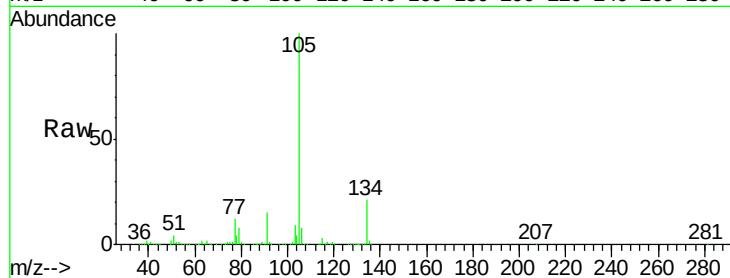
#85
 sec-Butylbenzene
 Concen: 45.270 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.4	31.1

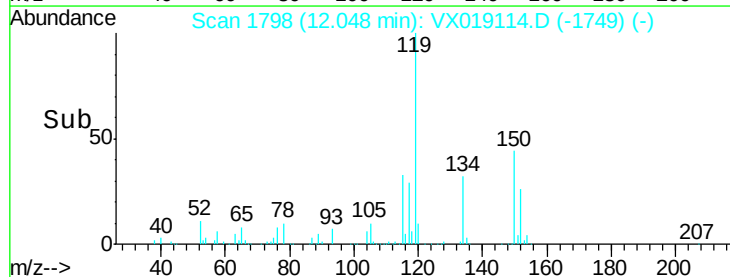
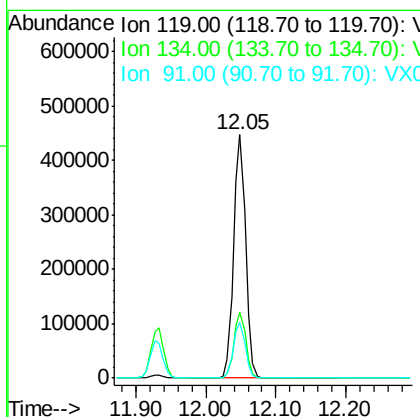
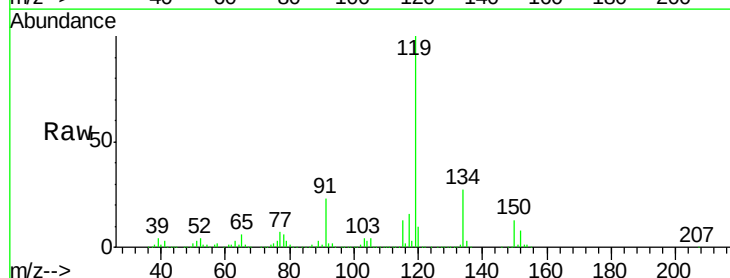
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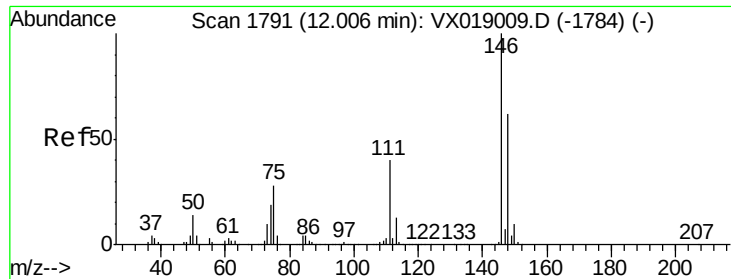
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#86
 p-Isopropyltoluene
 Concen: 45.937 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.3	39.8
91	22.9	11.4	34.2





#87

1,3-Dichlorobenzene

Concen: 46.142 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Instrument :

MSVOA_X

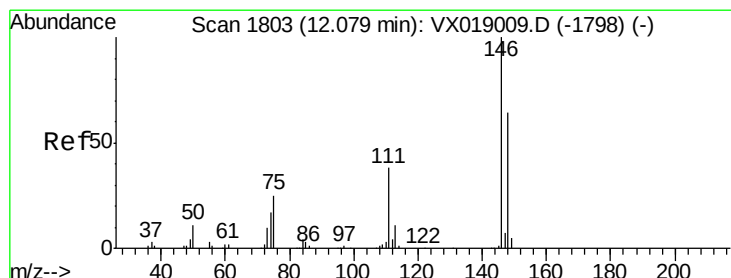
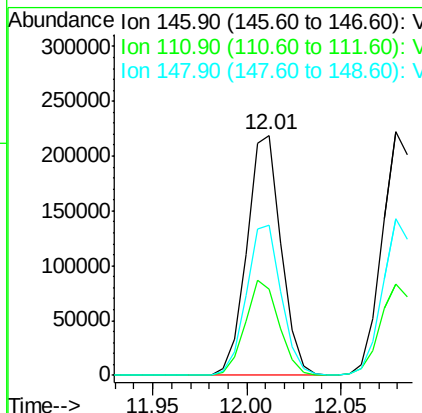
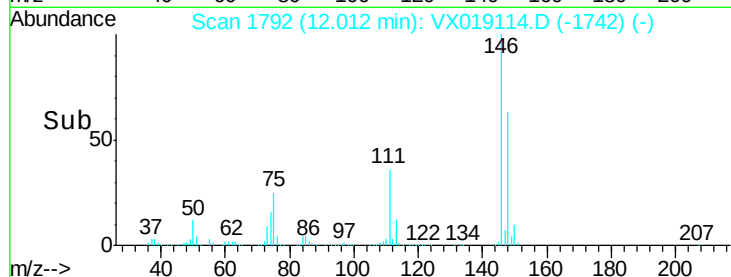
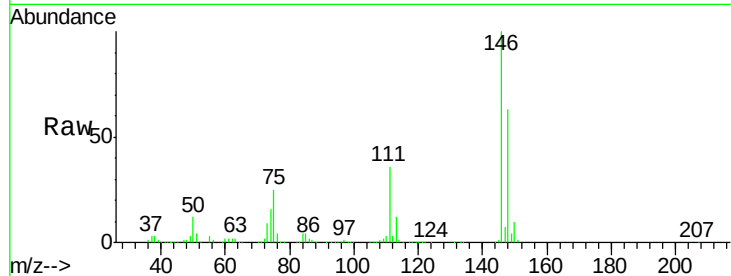
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	275466
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.7	59.1
148	63.7	32.0	96.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 45.833 ug/l

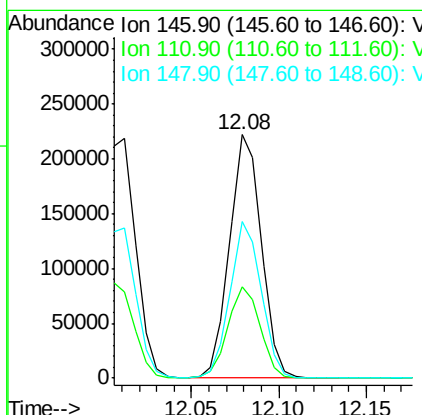
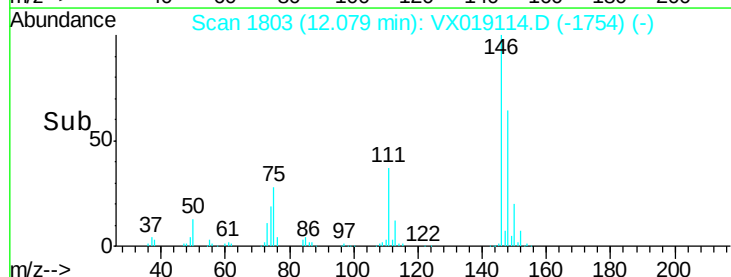
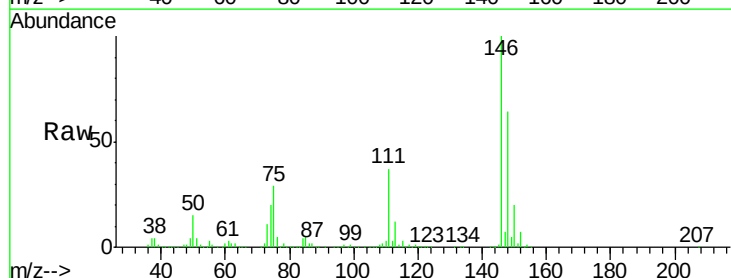
RT: 12.08 min Scan# 1803

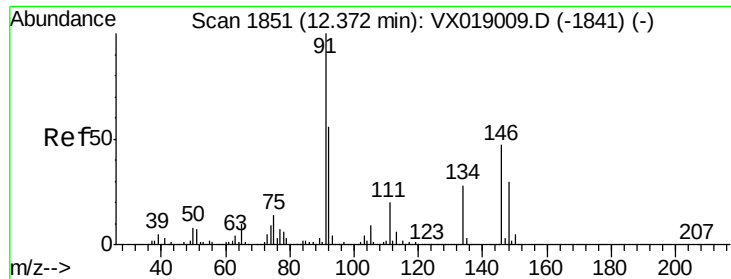
Delta R.T. -0.00 min

Lab File: VX019114.D

Acq: 24 Oct 2020 07:50

Tgt Ion:	146	Resp:	280800
Ion Ratio	Lower	Upper	
146	100		
111	38.4	19.4	58.2
148	63.4	32.2	96.6





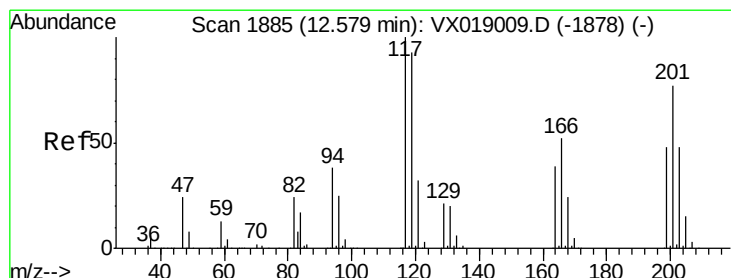
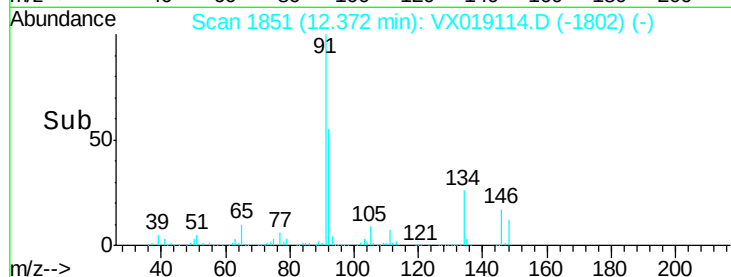
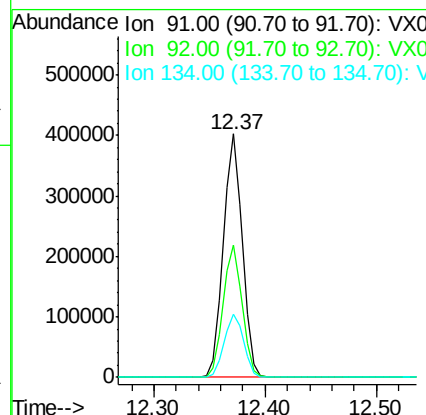
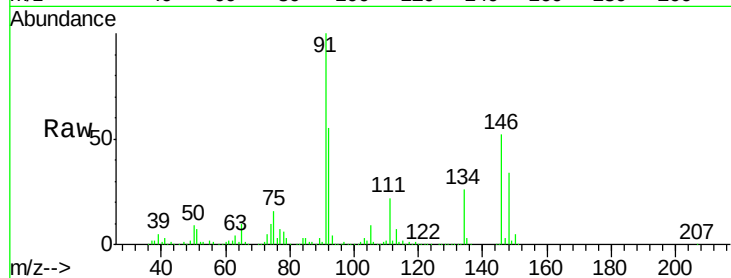
#89
n-Butylbenzene
Concen: 44.566 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.3	81.9
134	26.7	13.6	40.7

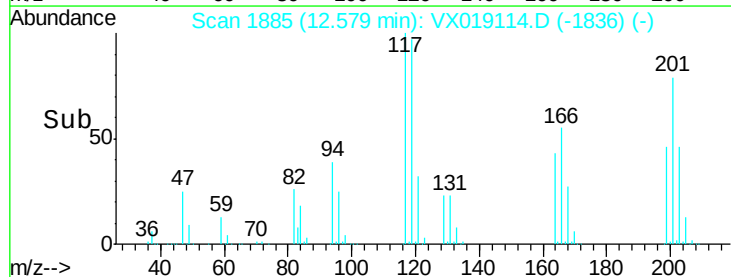
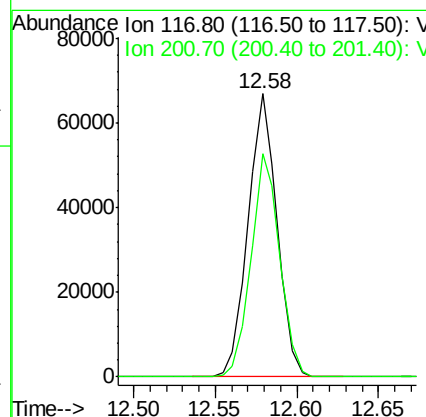
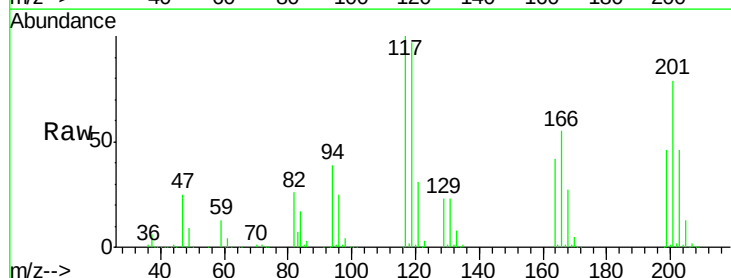
Manual Integrations
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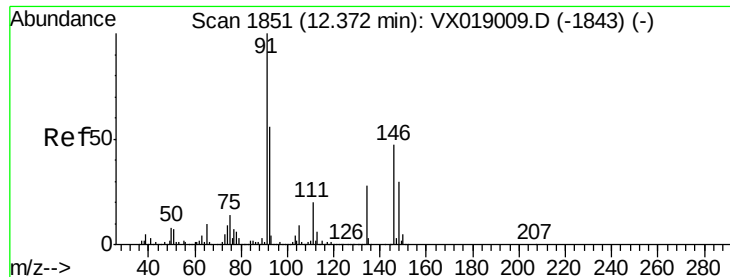
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#90
Hexachloroethane
Concen: 46.695 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.1	37.1	111.3





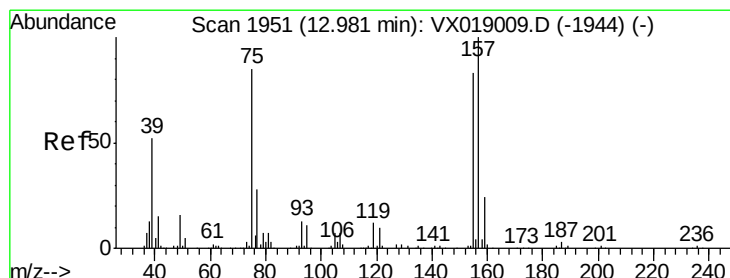
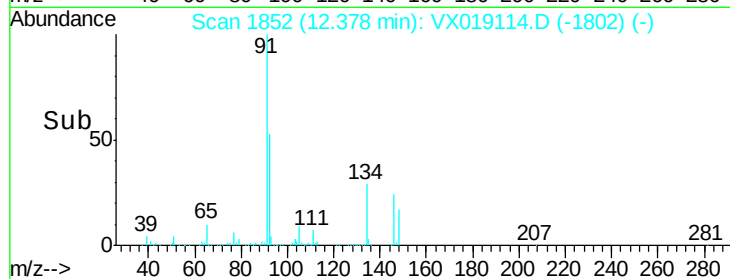
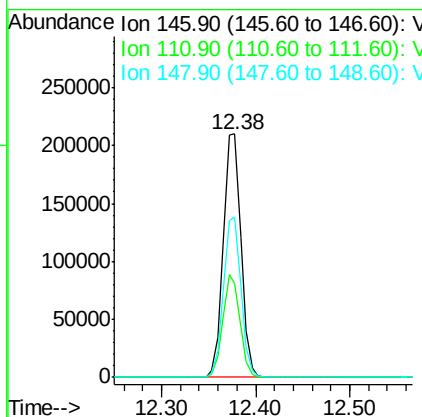
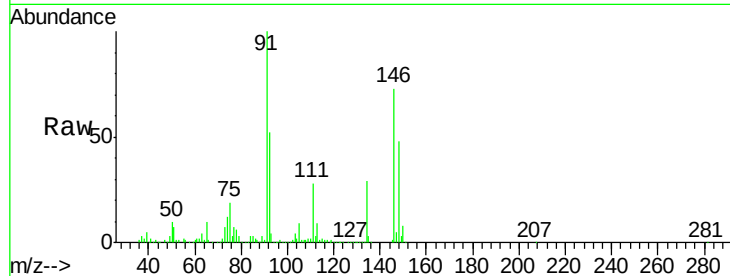
#91
1,2-Dichlorobenzene
Concen: 49.209 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.01 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.9	59.7
148	65.0	31.4	94.3

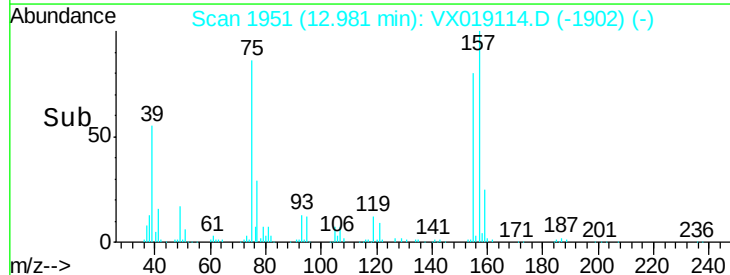
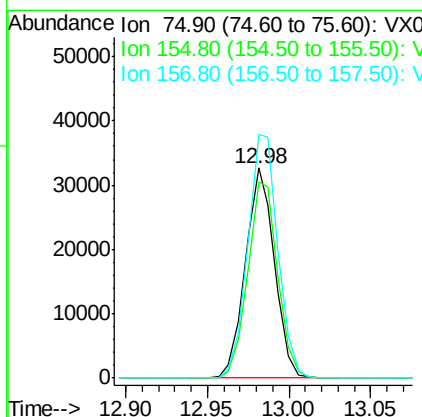
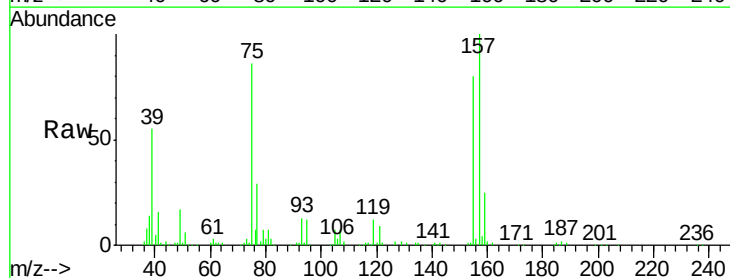
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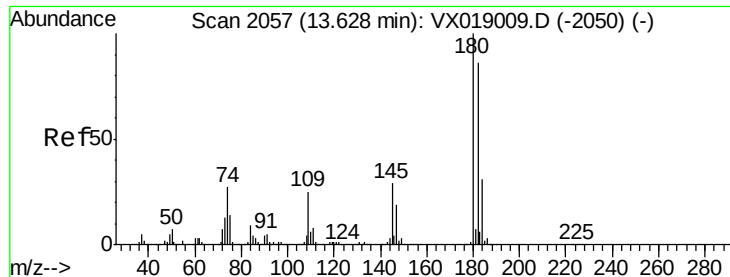
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#92
1,2-Dibromo-3-Chloropropane
Concen: 45.855 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.2	47.3	142.0
157	120.8	59.7	179.0





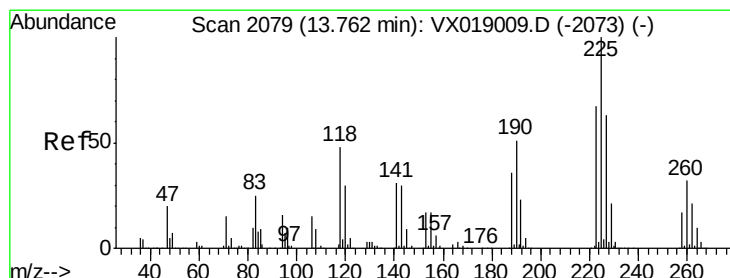
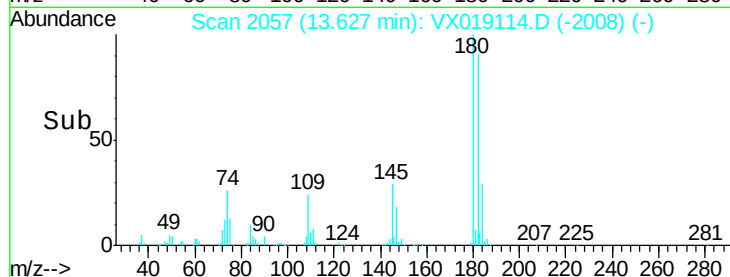
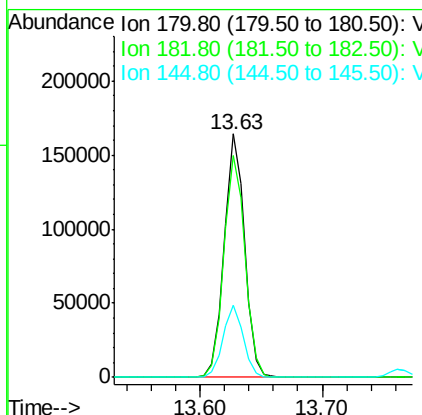
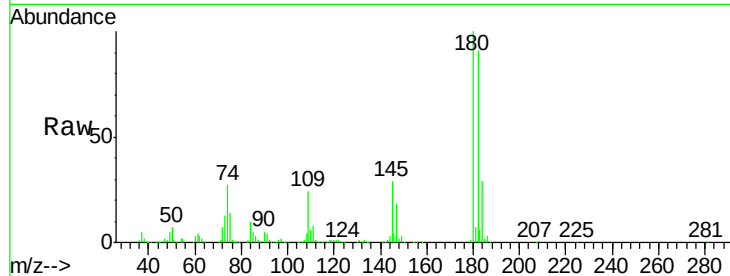
#93
 1,2,4-Trichlorobenzene
 Concen: 46.424 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	189052		
182	94.5	46.4	139.2	
145	29.4	15.2	45.6	

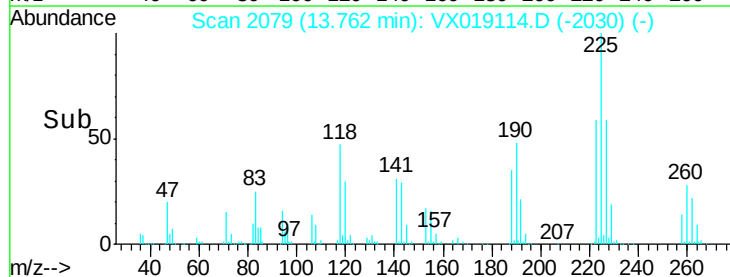
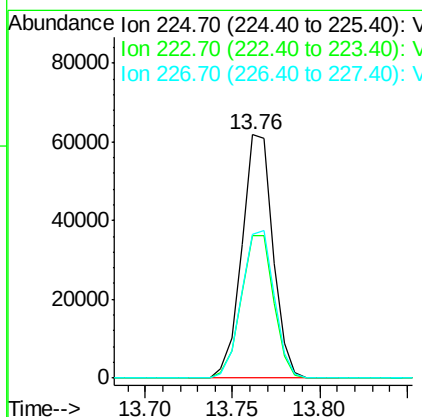
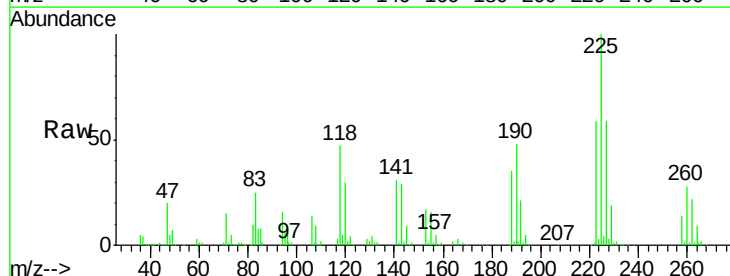
Manual Integrations
 APPROVED

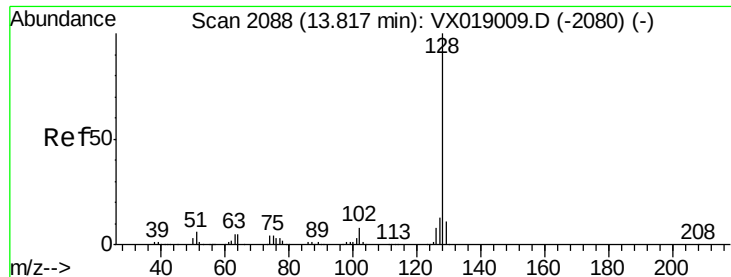
MMDadoda
 10/26/2020 10:03:24 AM



#94
 Hexachlorobutadiene
 Concen: 40.519 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019114.D
 Acq: 24 Oct 2020 07:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	76498		
223	61.4	32.5	97.4	
227	63.3	31.9	95.7	





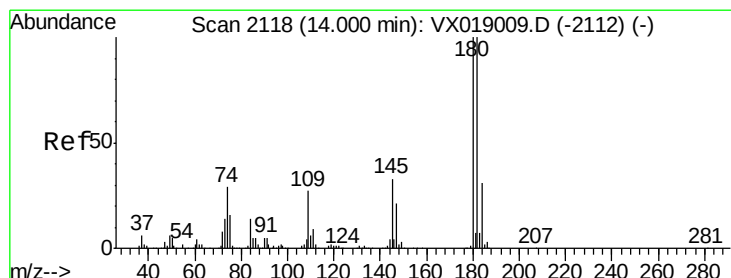
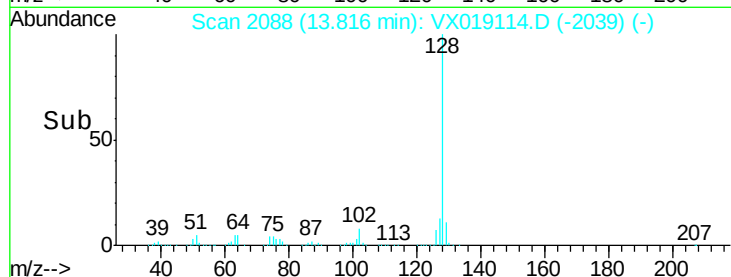
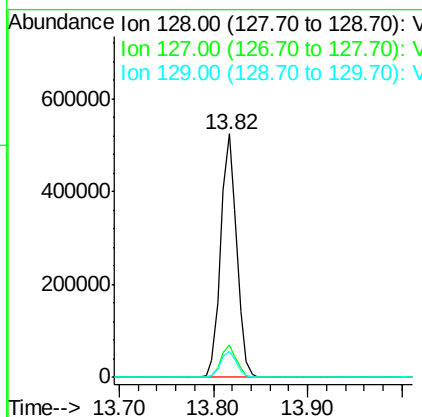
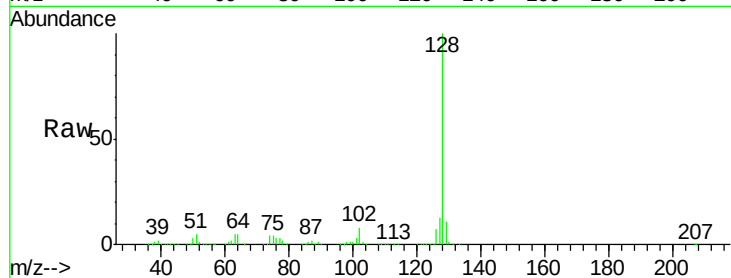
#95
Naphthalene
Concen: 48.004 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/26/2020 10:03:24 AM



#96
1,2,3-Trichlorobenzene
Concen: 46.250 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019114.D
Acq: 24 Oct 2020 07:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	47.3	142.0
145	32.9	15.9	47.6

