

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120120\
 Data File : VX019699.D
 Acq On : 01 Dec 2020 16:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 02 02:13:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	266329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	449597	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	392048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199056	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	170767	49.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.90%
35) Dibromofluoromethane	5.46	113	138451	49.06	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.12%
50) Toluene-d8	8.70	98	519087	47.33	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.66%
62) 4-Bromofluorobenzene	11.12	95	193197	48.97	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.94%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	123151	47.550	ug/l	100
3) Chloromethane	1.31	50	134988	45.420	ug/l	99
4) Vinyl Chloride	1.39	62	155894	48.728	ug/l	99
5) Bromomethane	1.62	94	50479	41.657	ug/l	99
6) Chloroethane	1.69	64	36533	46.585	ug/l	96
7) Trichlorofluoromethane	1.90	101	221898	48.055	ug/l	99
8) Diethyl Ether	2.17	74	93946	50.801	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	133134	51.680	ug/l	99
10) Methyl Iodide	2.48	142	178529	52.752	ug/l	98
11) Tert butyl alcohol	3.05	59	189326	289.703	ug/l	100
12) 1,1-Dichloroethene	2.34	96	134357	50.814	ug/l	99
13) Acrolein	2.28	56	117055	266.464	ug/l	100
14) Allyl chloride	2.70	41	214947	51.892	ug/l	99
15) Acrylonitrile	3.12	53	422107	273.878	ug/l	100
16) Acetone	2.43	43	347990	260.587	ug/l	100
17) Carbon Disulfide	2.54	76	318569	44.848	ug/l	99
18) Methyl Acetate	2.75	43	185053	56.435	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	497662	54.527	ug/l	99
20) Methylene Chloride	2.83	84	163554	49.002	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	152036	50.751	ug/l	97
22) Diisopropyl ether	3.83	45	456181	53.237	ug/l	93
23) Vinyl Acetate	3.79	43	1965269	273.430	ug/l	100
24) 1,1-Dichloroethane	3.67	63	275830	52.627	ug/l	99
25) 2-Butanone	4.64	43	536193	267.290	ug/l	99
26) 2,2-Dichloropropane	4.54	77	231521	50.608	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	179233	52.085	ug/l	99
28) Bromochloromethane	4.98	49	117582	46.924	ug/l	99
29) Tetrahydrofuran	5.09	42	343299	268.214	ug/l	99
30) Chloroform	5.17	83	285388	52.074	ug/l	98
31) Cyclohexane	5.54	56	223220	49.701	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	244249	51.883	ug/l	99
36) 1,1-Dichloropropene	5.76	75	205243	48.694	ug/l	99
37) Ethyl Acetate	4.80	43	209105	52.844	ug/l	99
38) Carbon Tetrachloride	5.75	117	206438	50.600	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	233188	47.515	ug/l	100
40) Benzene	6.11	78	637653	49.238	ug/l	99
41) Methacrylonitrile	5.01	41	114301	52.382	ug/l	99
42) 1,2-Dichloroethane	6.16	62	221493	49.899	ug/l	100
43) Isopropyl Acetate	6.42	43	342921	51.554	ug/l	99
44) Trichloroethene	7.18	130	164318	48.439	ug/l	95
45) 1,2-Dichloropropane	7.49	63	161745	50.733	ug/l	99
46) Dibromomethane	7.63	93	109432	50.151	ug/l	99
47) Bromodichloromethane	7.87	83	217584	51.387	ug/l	98
48) Methyl methacrylate	7.74	41	165483	53.122	ug/l	99
49) 1,4-Dioxane	7.72	88	79609	1125.517	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1039274	267.936	ug/l	100
52) Toluene	8.76	92	393735	49.698	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	235085	51.408	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	262691	51.764	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	162639	50.407	ug/l	98
56) Ethyl methacrylate	9.16	69	245369	53.743	ug/l	99
57) 1,3-Dichloropropane	9.35	76	273910	50.706	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	650280	243.075	ug/l	100
59) 2-Hexanone	9.48	43	792453	269.379	ug/l	100
60) Dibromochloromethane	9.56	129	164324	51.995	ug/l	100
61) 1,2-Dibromoethane	9.65	107	169763	51.043	ug/l	100
64) Tetrachloroethene	9.32	164	133020	43.164	ug/l	98
65) Chlorobenzene	10.12	112	407202	50.518	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	155762	53.126	ug/l	98
67) Ethyl Benzene	10.23	91	736800	52.178	ug/l	99
68) m/p-Xylenes	10.34	106	551189	104.770	ug/l	100
69) o-Xylene	10.68	106	266120	52.916	ug/l	100
70) Styrene	10.70	104	460992	49.536	ug/l	100
71) Bromoform	10.84	173	120011	48.441	ug/l	97
73) Isopropylbenzene	11.00	105	715138	51.933	ug/l	100
74) N-amyl acetate	10.88	43	293125	56.808	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	257399	52.270	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	285908	65.816	ug/l	88
77) Bromobenzene	11.24	156	176673	50.258	ug/l	99
78) n-propylbenzene	11.34	91	807963	51.146	ug/l	100
79) 2-Chlorotoluene	11.40	91	492985	51.458	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	599758	51.920	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	80238	49.897	ug/l	99
82) 4-Chlorotoluene	11.49	91	576467	51.114	ug/l	99
83) tert-Butylbenzene	11.76	119	597209	53.439	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	616193	52.720	ug/l	99
85) sec-Butylbenzene	11.93	105	672416	50.576	ug/l	100
86) p-Isopropyltoluene	12.05	119	622955	51.608	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	322935	50.022	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	326011	49.025	ug/l	99
89) n-Butylbenzene	12.37	91	534124	48.945	ug/l	99
90) Hexachloroethane	12.58	117	104983	51.975	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	327696	50.539	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55208	54.954	ug/l	99

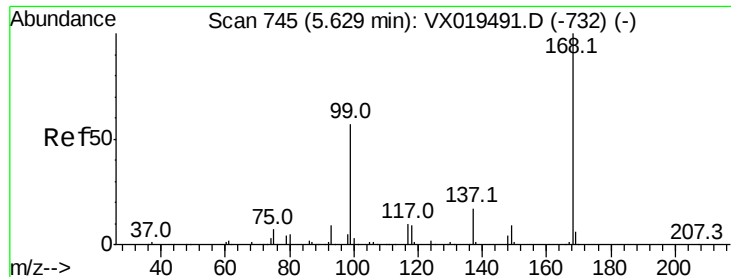
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120120\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	210857	50.652	ug/l	97
94) Hexachlorobutadiene	13.77	225	82714	43.617	ug/l	99
95) Naphthalene	13.82	128	748563	50.941	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	212953	51.142	ug/l	98

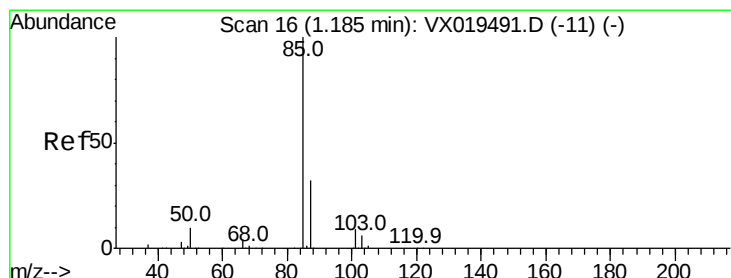
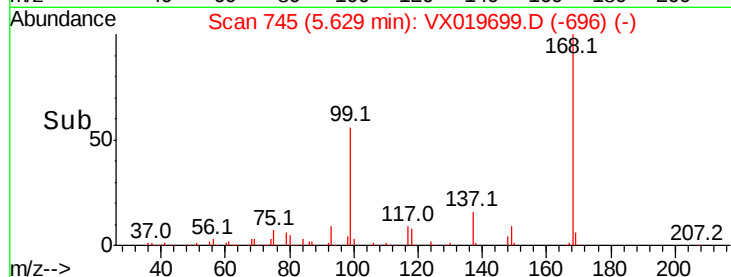
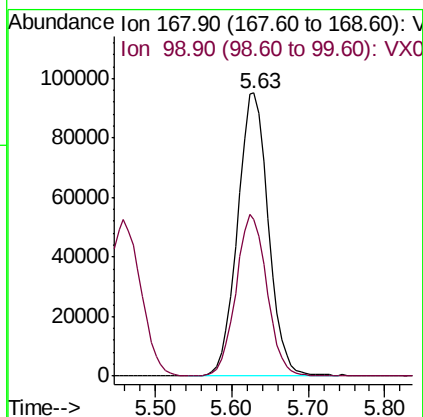
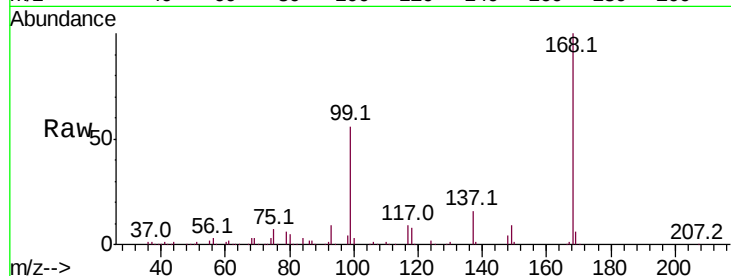
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

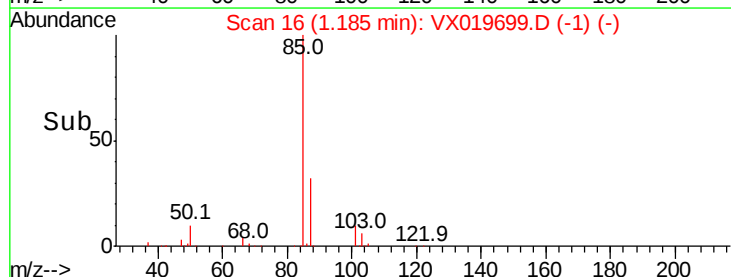
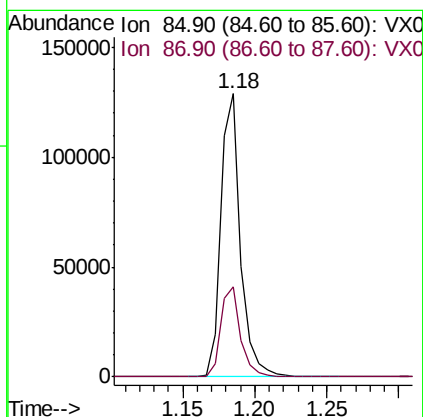
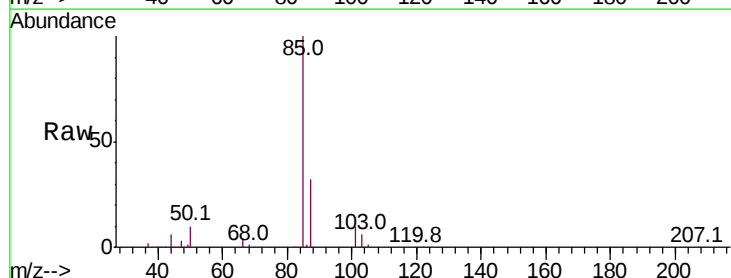
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

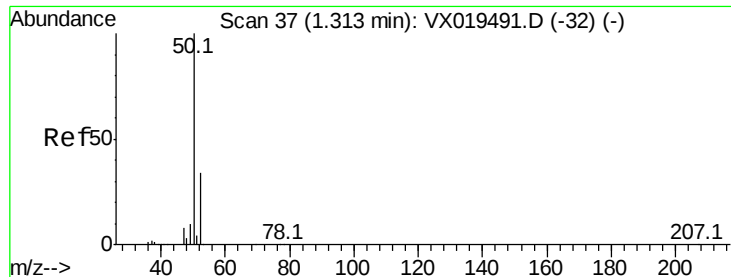
Tot Ion:168 Resp: 266329
Ion Ratio Lower Upper
168 100
99 55.4 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 47.550 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion: 85 Resp: 123151
Ion Ratio Lower Upper
85 100
87 31.9 16.0 47.9





#3

Chloromethane

Concen: 45.420 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

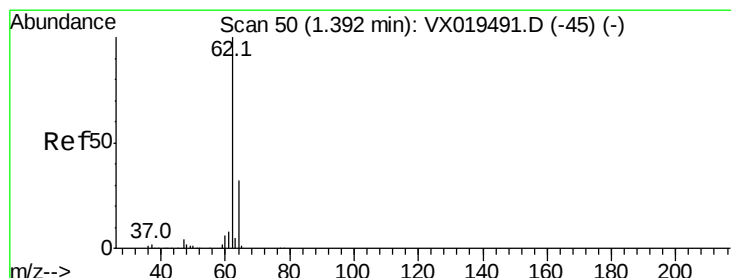
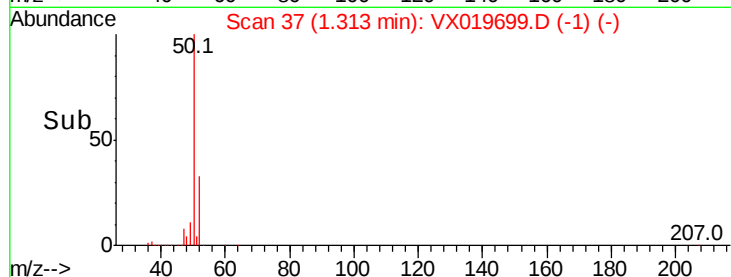
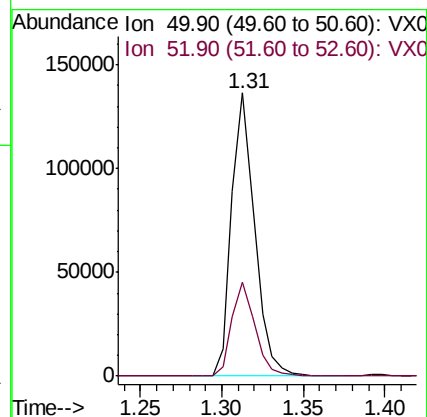
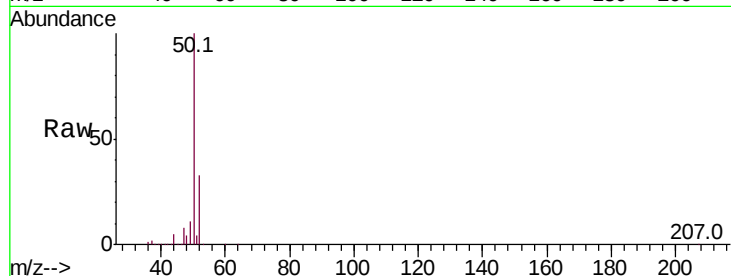
VSTDCCC050EC

Tot Ion: 50 Resp: 134988

Ion Ratio Lower Upper

50 100

52 33.3 27.0 40.6



#4

Vinyl Chloride

Concen: 48.728 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019699.D

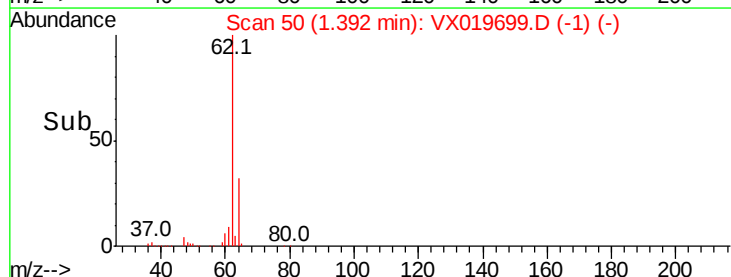
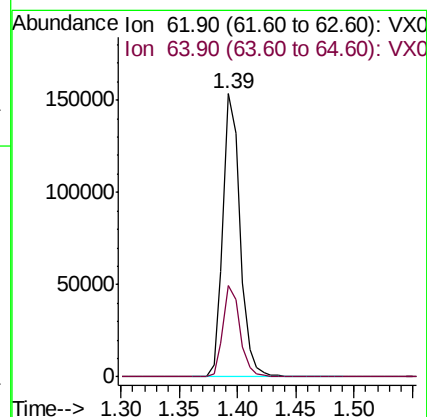
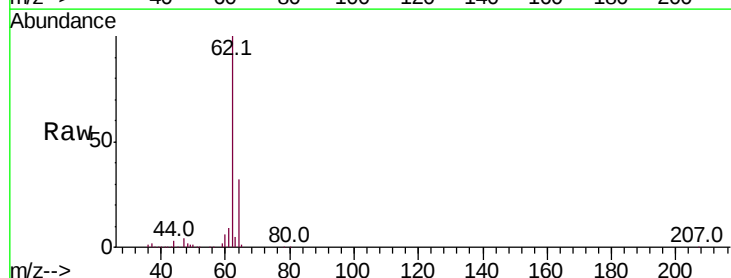
Acq: 01 Dec 2020 16:44

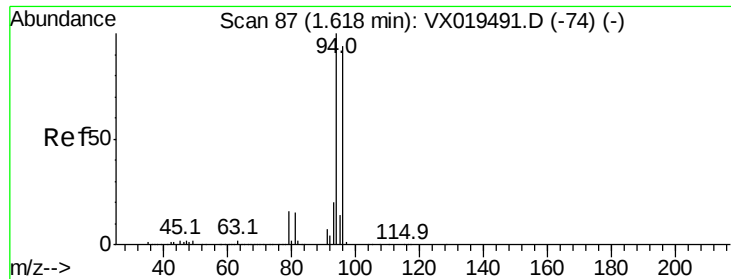
Tgt Ion: 62 Resp: 155894

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.2





#5

Bromomethane

Concen: 41.657 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

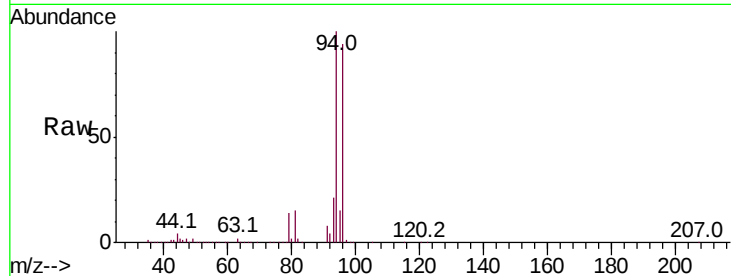
VSTDCCC050EC

Tot Ion: 94 Resp: 50479

Ion Ratio Lower Upper

94 100

96 93.9 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

60000

50000

40000

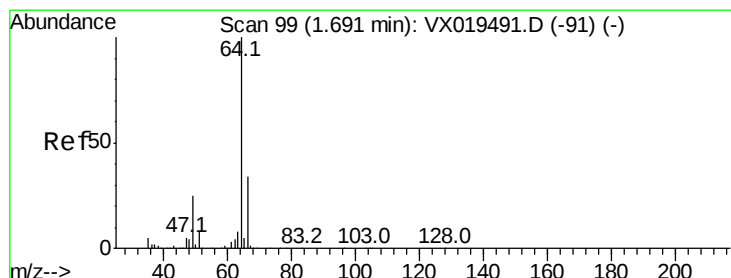
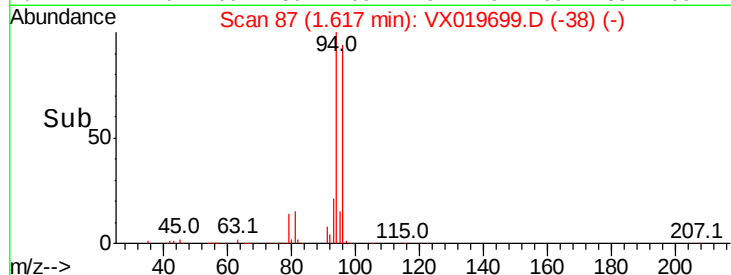
30000

20000

10000

0

Time--> 1.50 1.60 1.70



#6

Chloroethane

Concen: 46.585 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019699.D

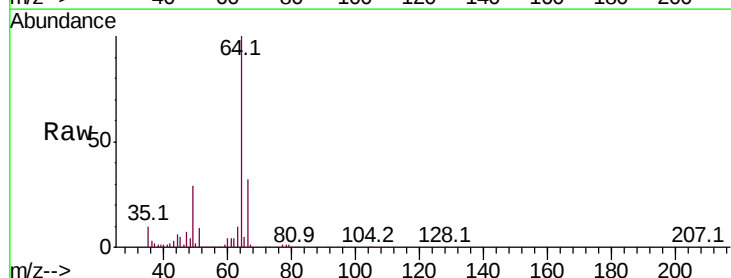
Acq: 01 Dec 2020 16:44

Tgt Ion: 64 Resp: 36533

Ion Ratio Lower Upper

64 100

66 31.7 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.69

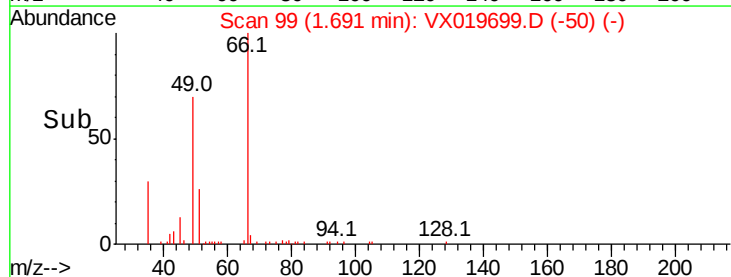
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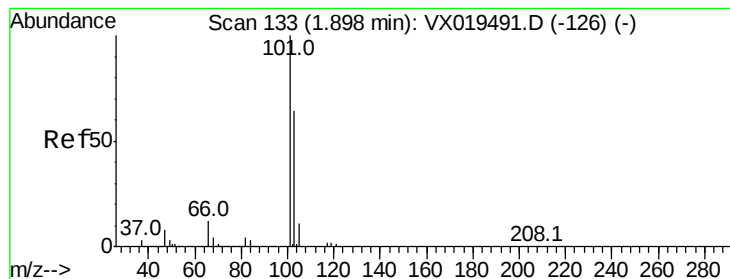
20000

10000

0

Time--> 1.60 1.70 1.80



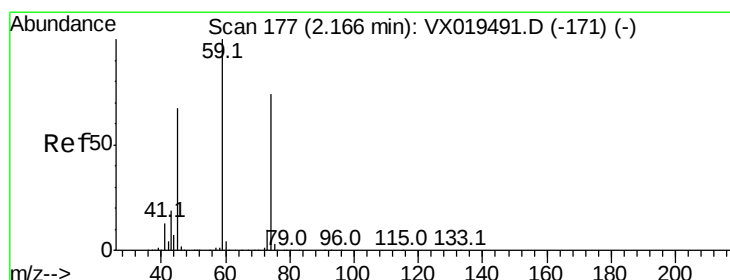
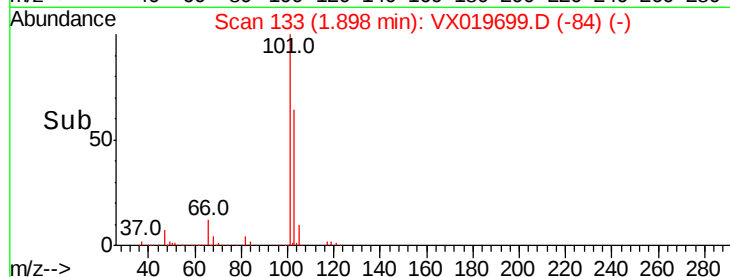
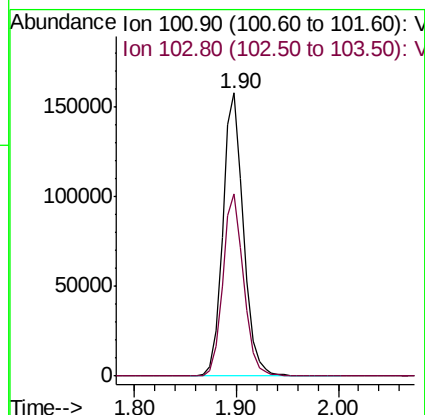
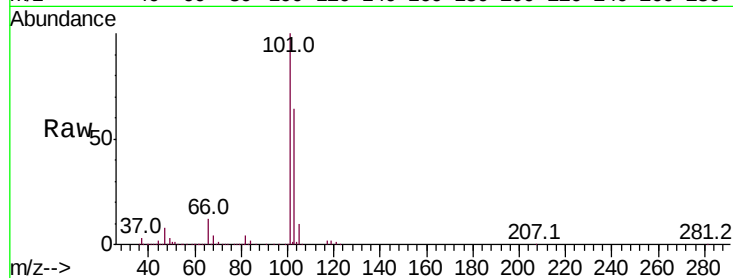


#7

Trichlorofluoromethane
 Concen: 48.055 ug/l
 RT: 1.90 min Scan# 133
 Delta R.T. -0.00 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

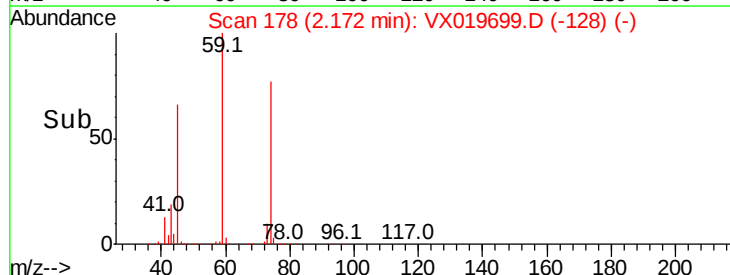
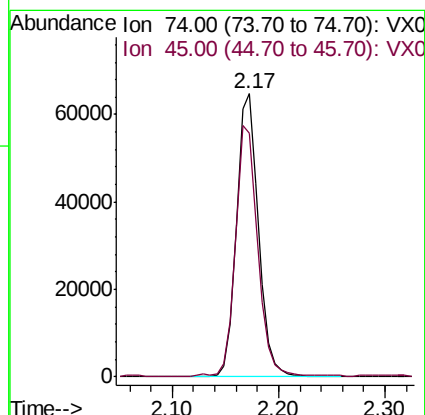
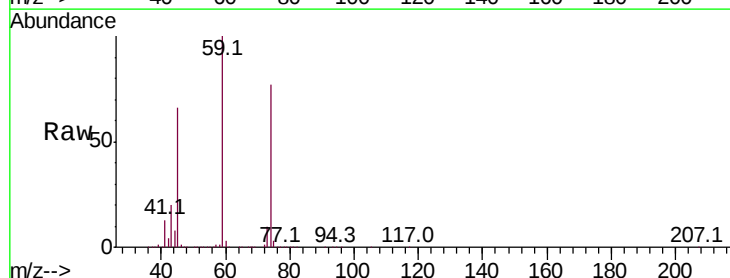
Tot Ion:101 Resp: 221898
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.9 76.3

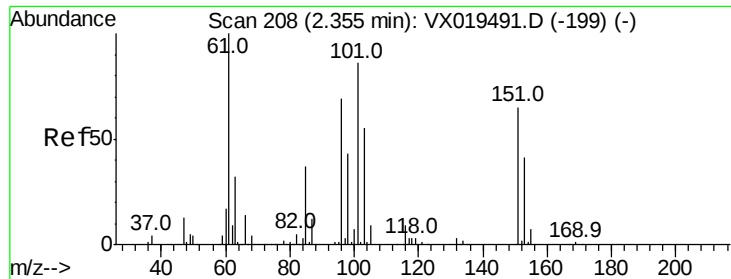


#8

Diethyl Ether
 Concen: 50.801 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Tgt Ion: 74 Resp: 93946
 Ion Ratio Lower Upper
 74 100
 45 89.9 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.680 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

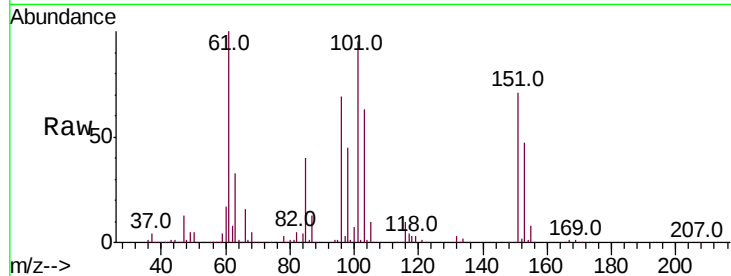
Tot Ion:101 Resp: 133134

Ion Ratio Lower Upper

101 100

85 43.5 33.9 50.9

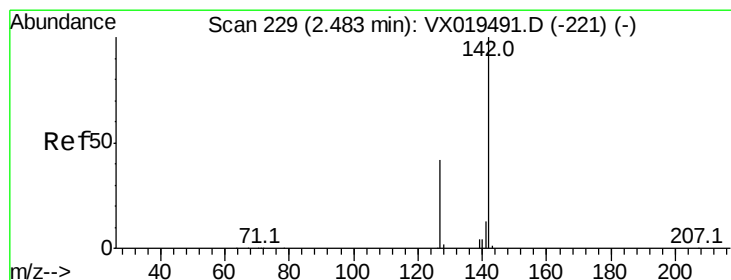
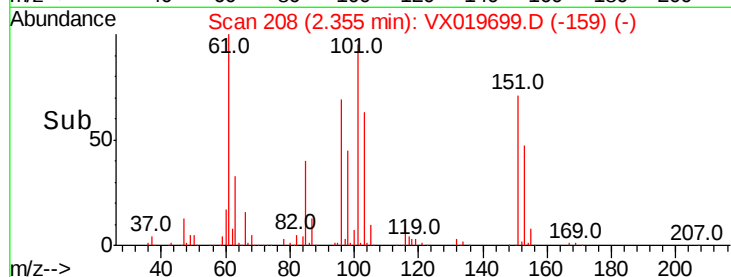
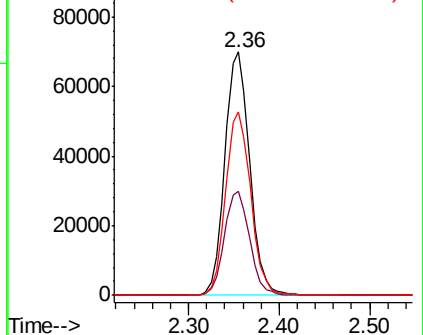
151 76.3 60.9 91.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.752 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

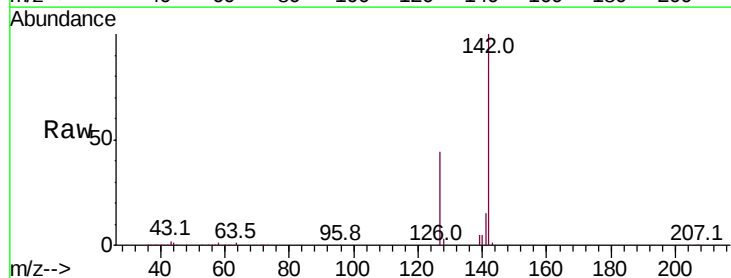
Tgt Ion:142 Resp: 178529

Ion Ratio Lower Upper

142 100

127 43.2 33.8 50.6

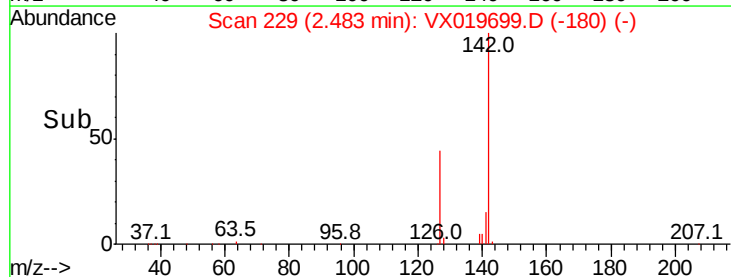
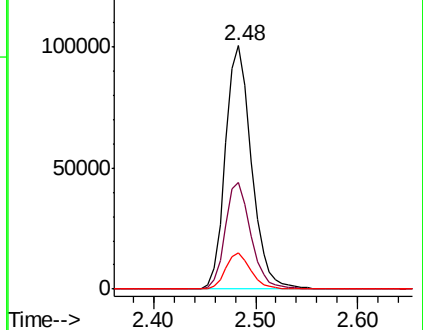
141 14.4 11.0 16.6

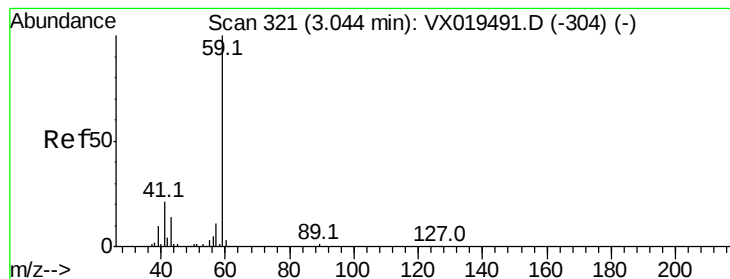


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



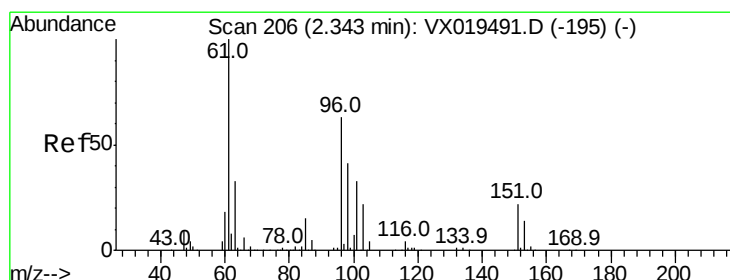
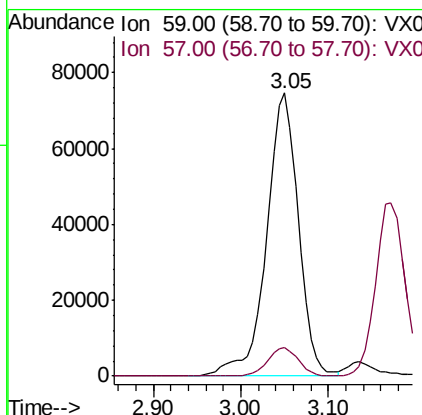
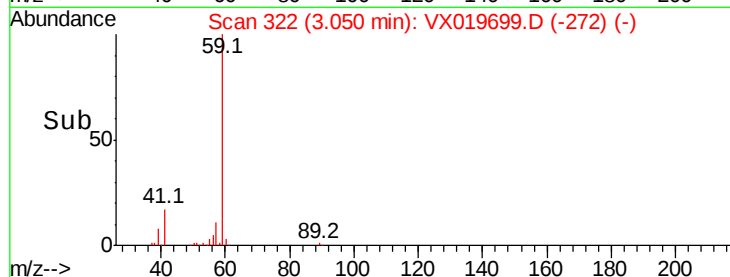
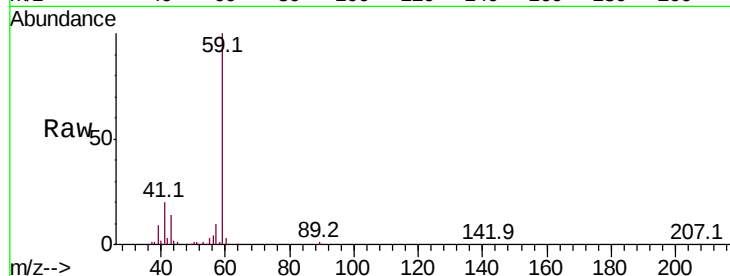


#11

Tert butyl alcohol
Concen: 289.703 ug/l
RT: 3.05 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

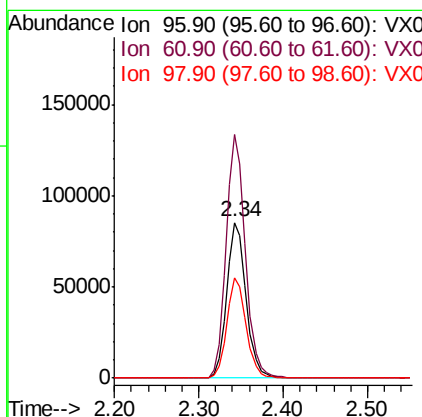
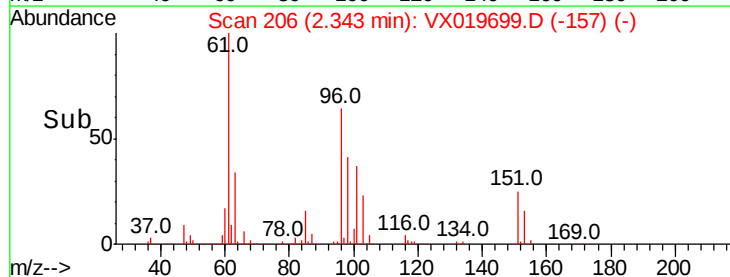
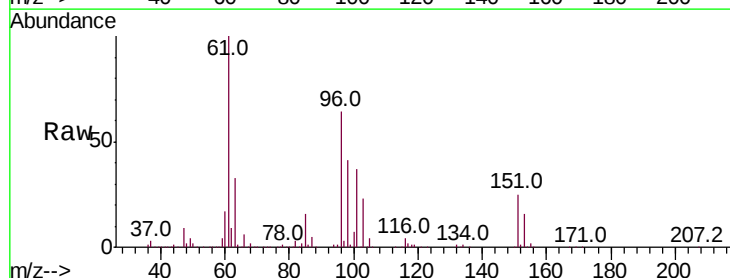
Tot Ion: 59 Resp: 189326
Ion Ratio Lower Upper
59 100
57 9.8 7.9 11.9

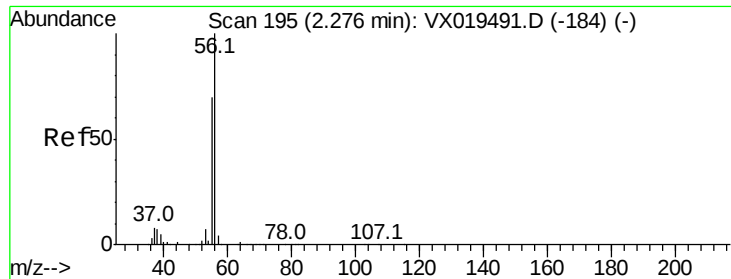


#12

1,1-Dichloroethene
Concen: 50.814 ug/l
RT: 2.34 min Scan# 206
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion: 96 Resp: 134357
Ion Ratio Lower Upper
96 100
61 156.5 126.0 189.0
98 64.1 52.0 78.0





#13

Acrolein

Concen: 266.464 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

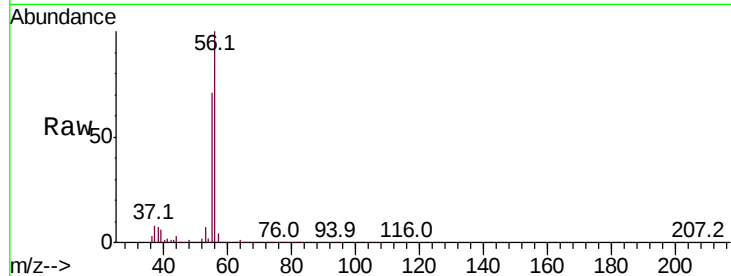
VSTDCCC050EC

Tot Ion: 56 Resp: 117055

Ion Ratio Lower Upper

56 100

55 69.6 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

80000

60000

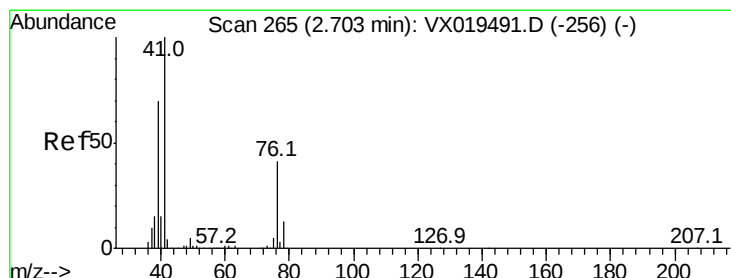
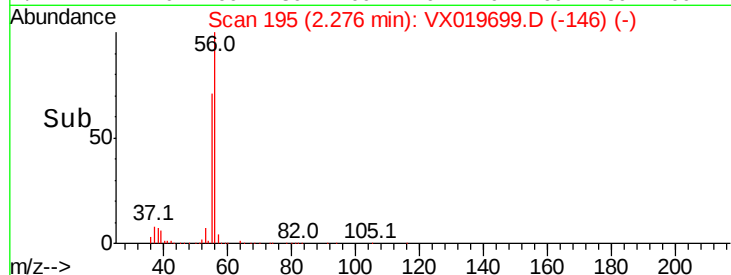
40000

20000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 51.892 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

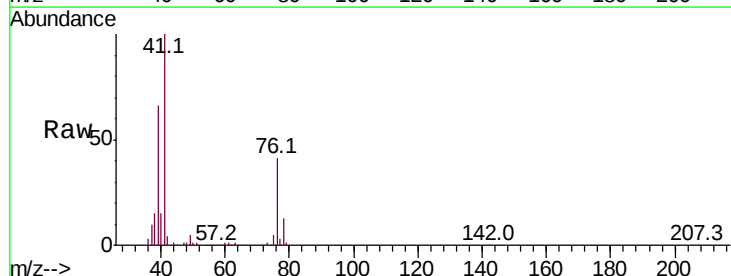
Tgt Ion: 41 Resp: 214947

Ion Ratio Lower Upper

41 100

39 65.0 53.0 79.4

76 38.5 31.0 46.6



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

150000

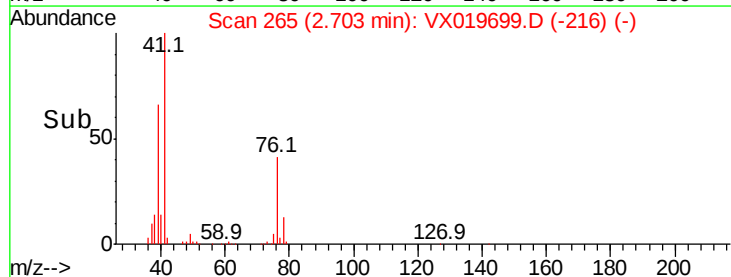
100000

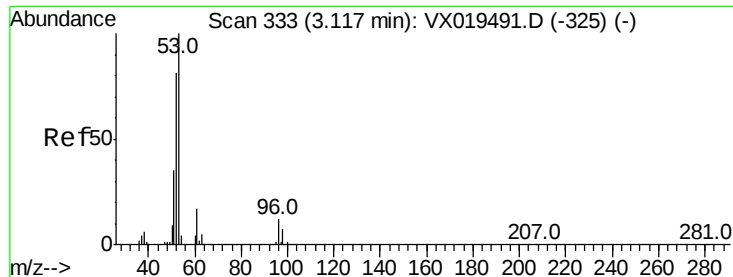
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 273.878 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

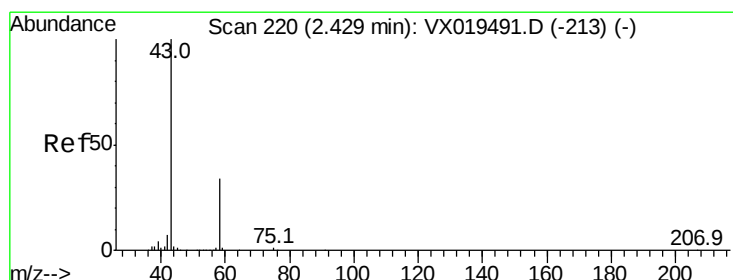
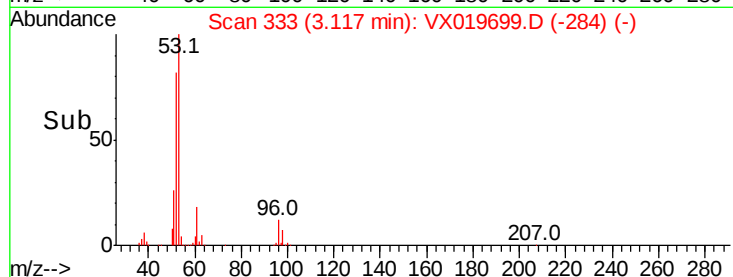
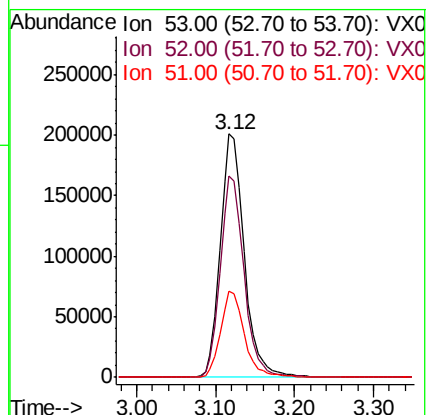
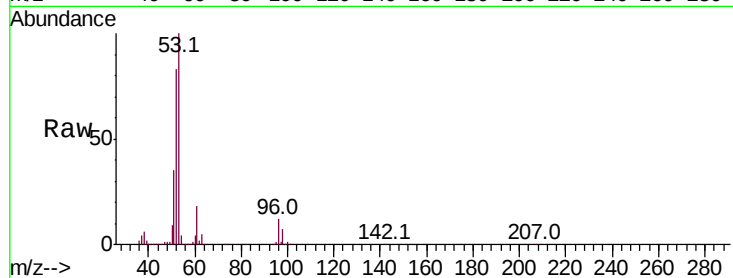
Tot Ion: 53 Resp: 422107

Ion Ratio Lower Upper

53 100

52 82.6 66.2 99.2

51 35.3 28.5 42.7



#16

Acetone

Concen: 260.587 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019699.D

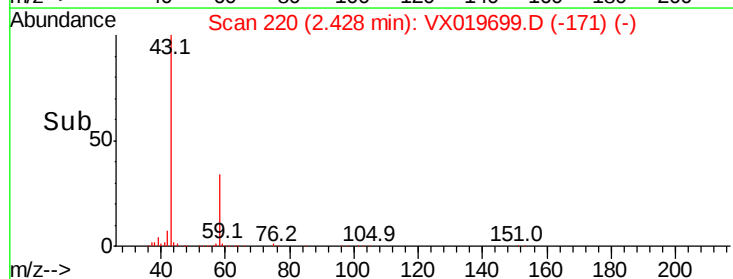
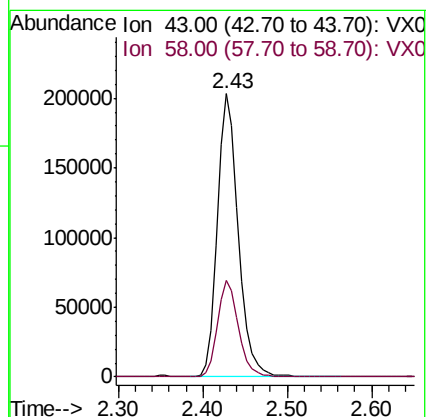
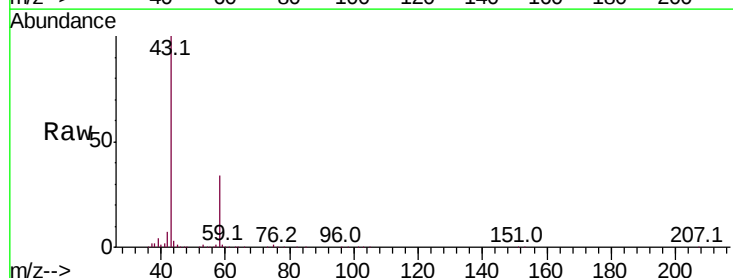
Acq: 01 Dec 2020 16:44

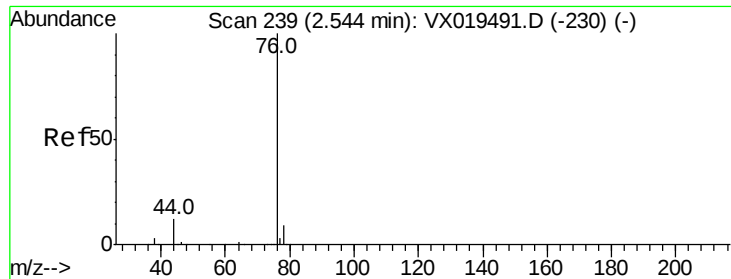
Tgt Ion: 43 Resp: 347990

Ion Ratio Lower Upper

43 100

58 34.2 27.4 41.2

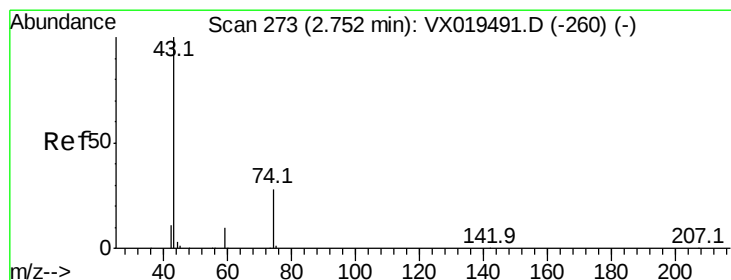
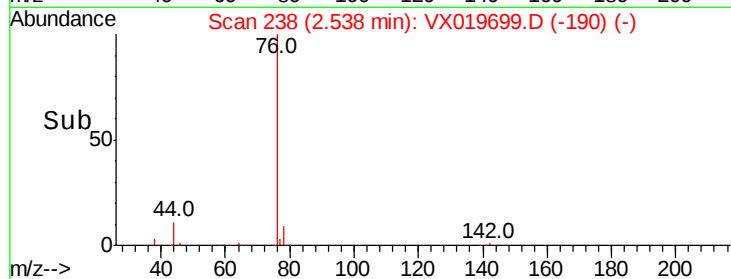
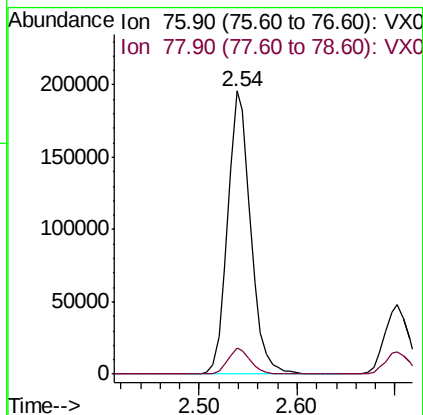
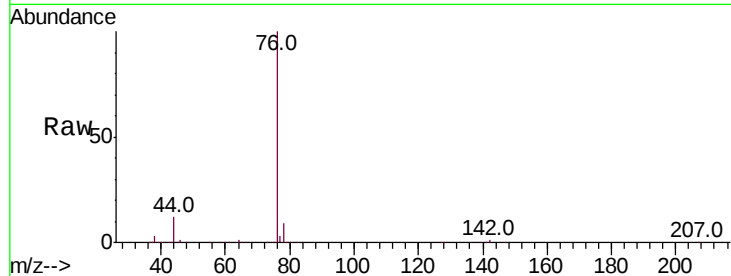




#17
Carbon Disulfide
Concen: 44.848 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.01 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

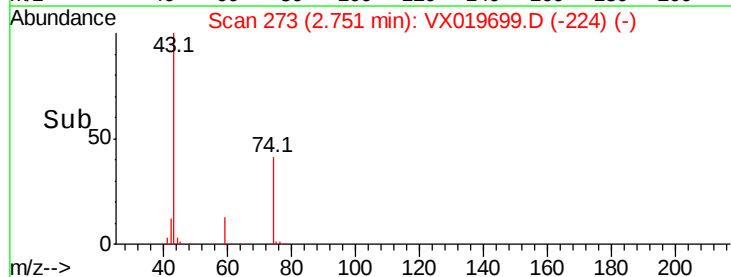
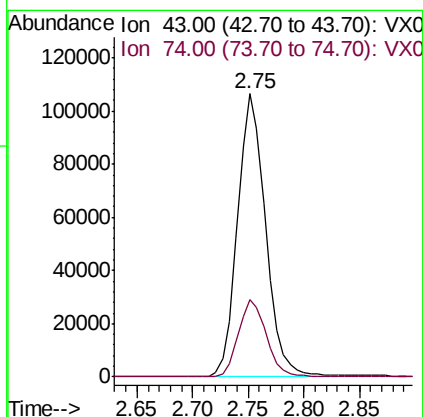
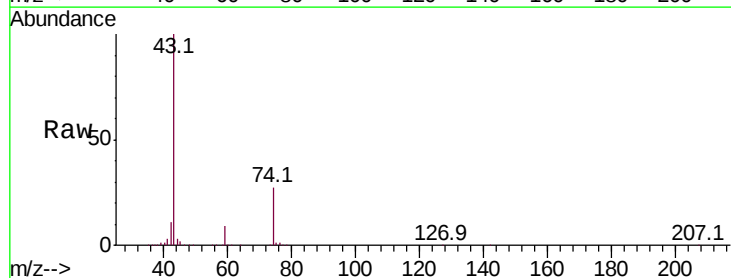
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

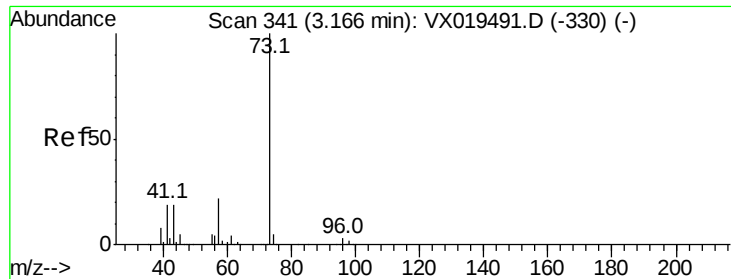
Tot Ion: 76 Resp: 318569
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 56.435 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion: 43 Resp: 185053
Ion Ratio Lower Upper
43 100
74 27.6 22.2 33.4



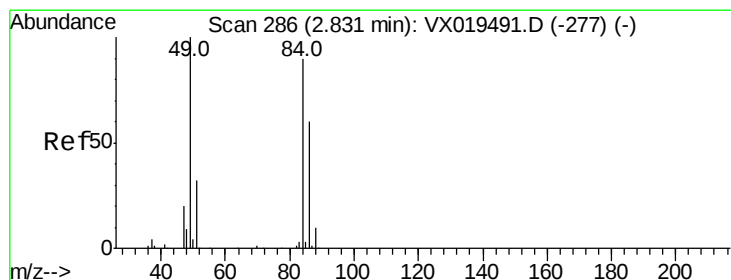
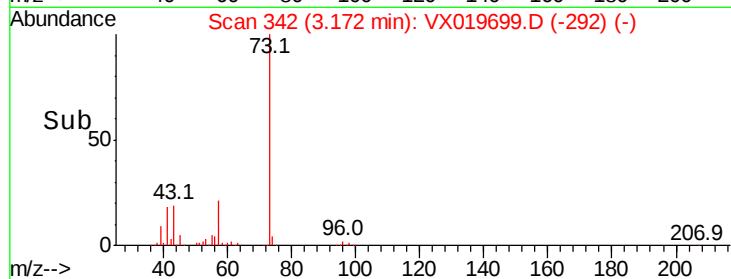
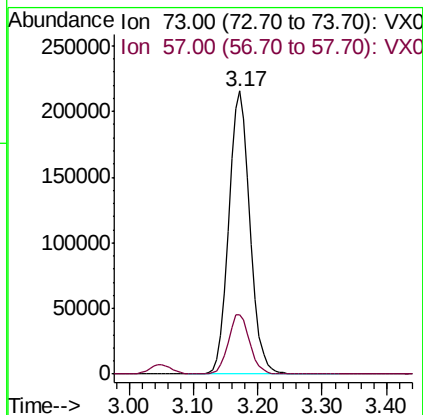
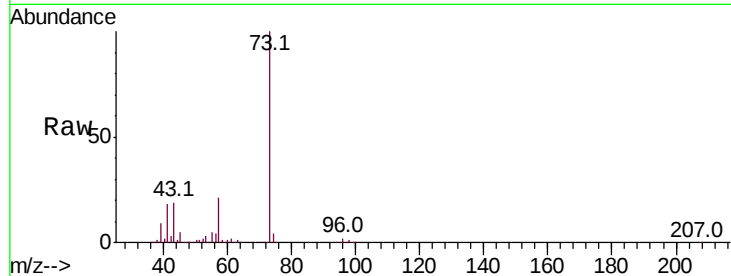


#19

Methyl tert-butyl Ether
 Concen: 54.527 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

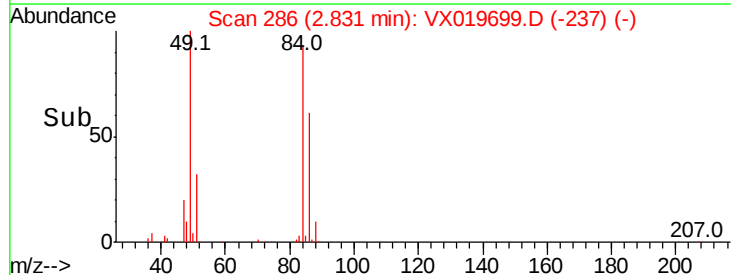
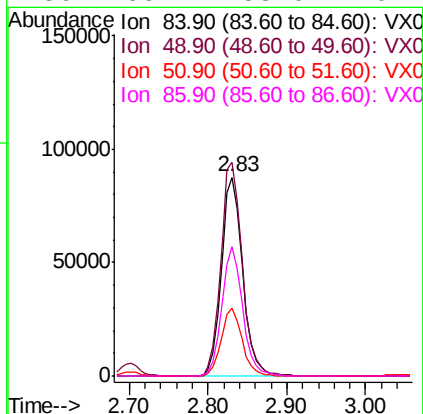
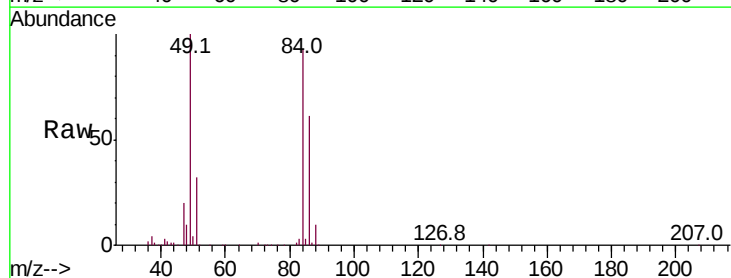
Tot Ion: 73 Resp: 497662
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.3 25.9

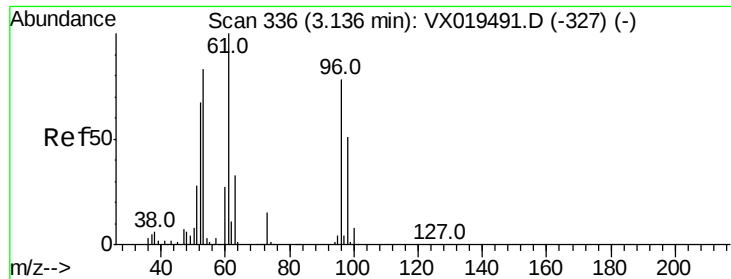


#20

Methylene Chloride
 Concen: 49.002 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Tgt Ion: 84 Resp: 163554
 Ion Ratio Lower Upper
 84 100
 49 107.5 88.5 132.7
 51 34.2 28.0 42.0
 86 65.1 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 50.751 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

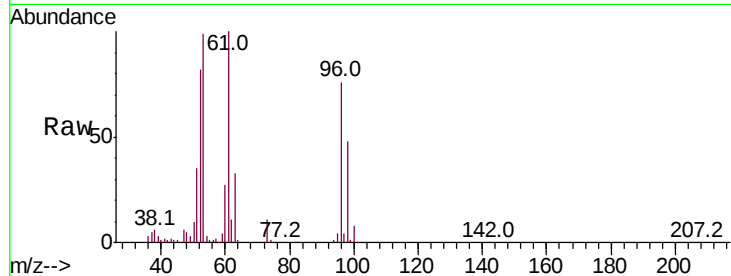
Tot Ion: 96 Resp: 152036

Ion Ratio Lower Upper

96 100

61 132.2 102.9 154.3

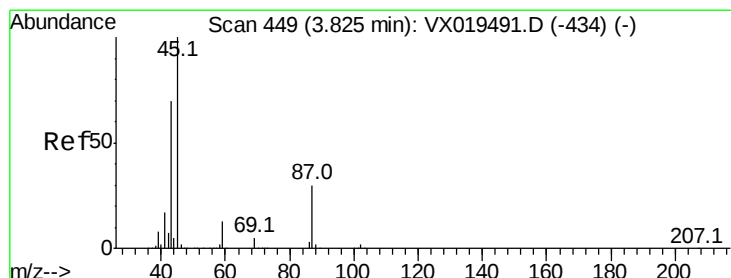
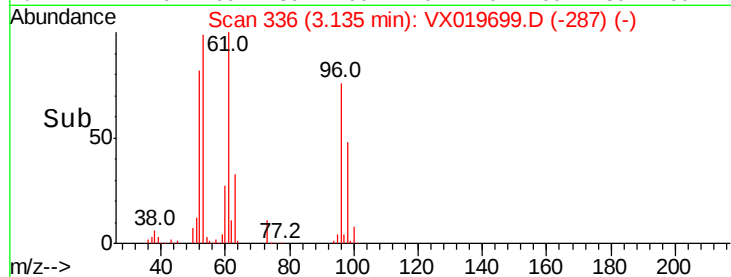
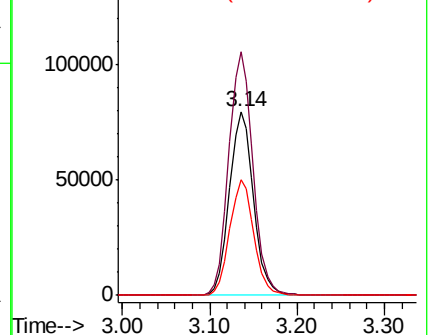
98 63.1 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.237 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Tgt Ion: 45 Resp: 456181

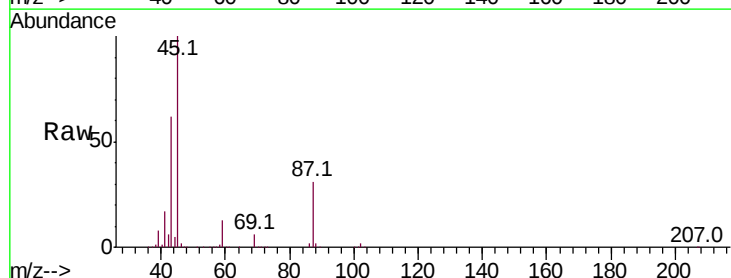
Ion Ratio Lower Upper

45 100

43 62.0 56.1 84.1

87 31.2 24.2 36.2

59 12.8 10.2 15.2

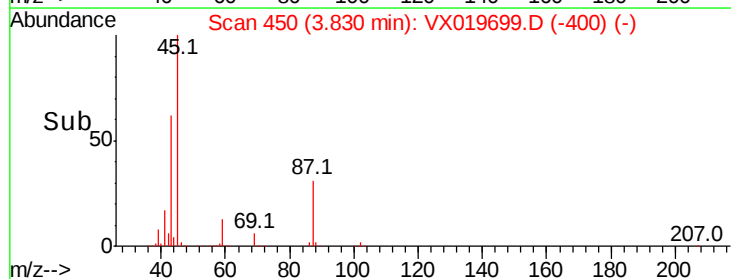
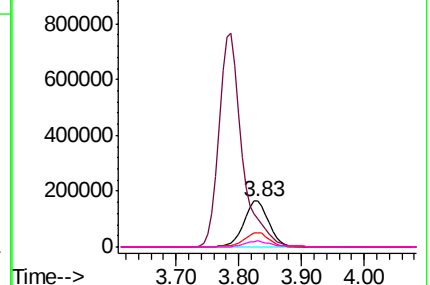


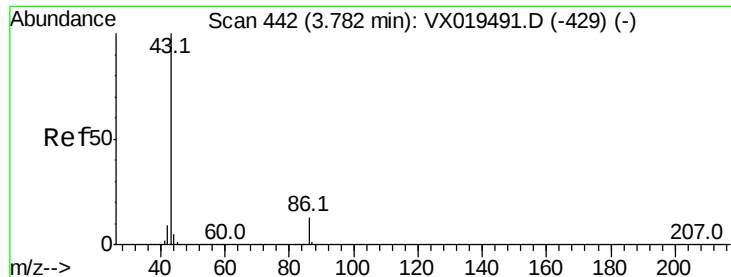
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

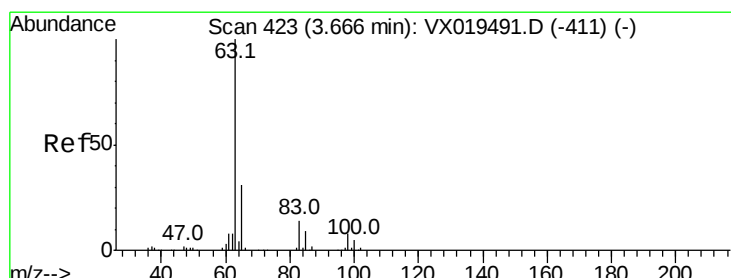
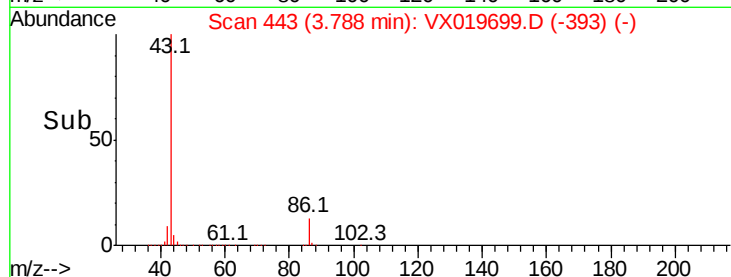
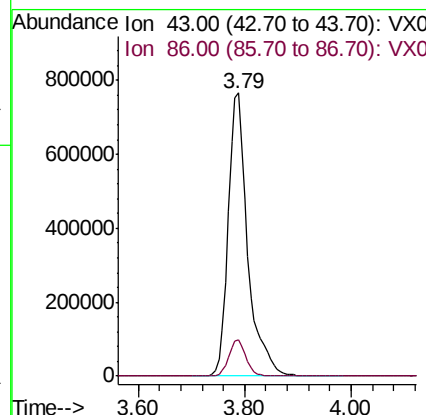
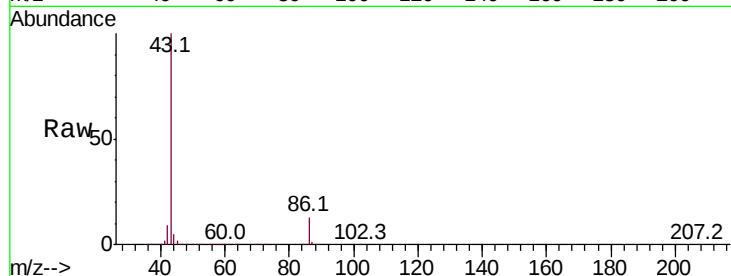




#23
 Vinyl Acetate
 Concen: 273.430 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

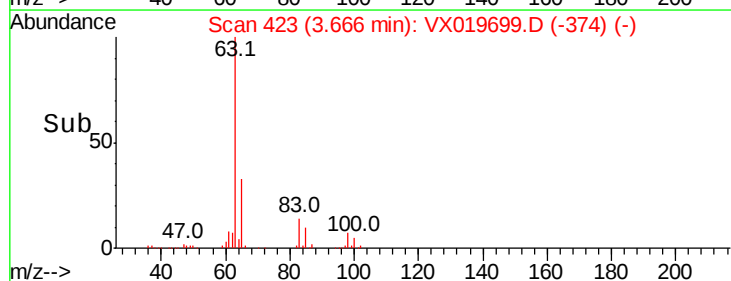
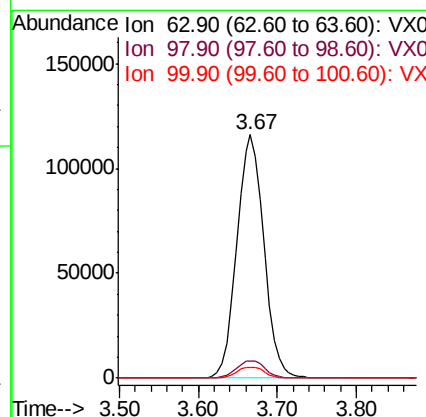
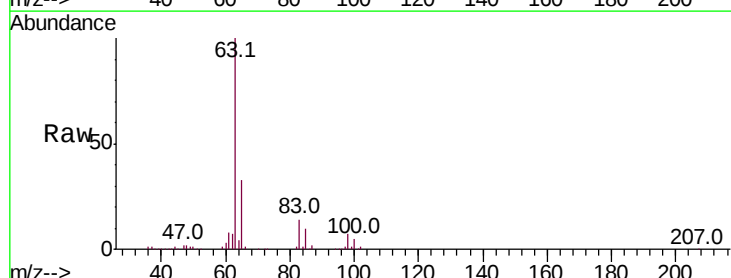
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

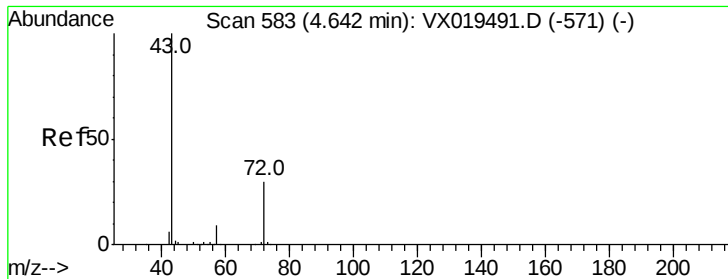
Tot Ion: 43 Resp: 1965269
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 52.627 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Tgt Ion: 63 Resp: 275830
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.6 2.4 7.1





#25

2-Butanone

Concen: 267.290 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

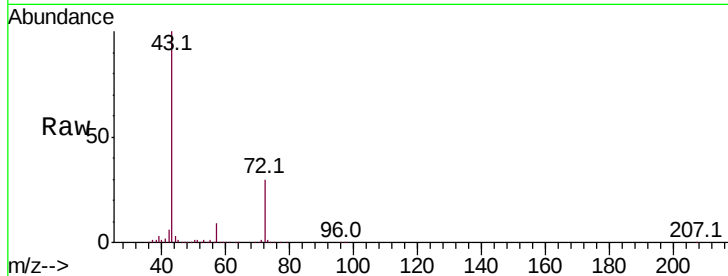
VSTDCCC050EC

Tot Ion: 43 Resp: 536193

Ion Ratio Lower Upper

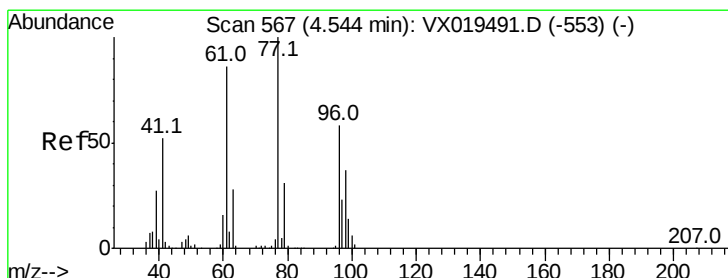
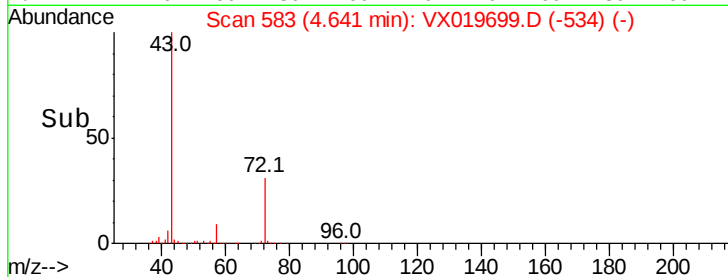
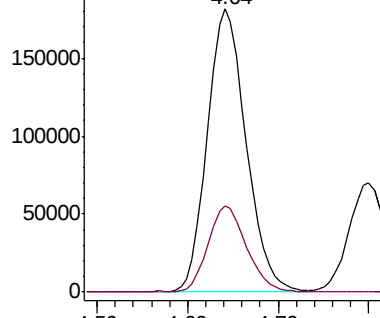
43 100

72 30.4 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.608 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019699.D

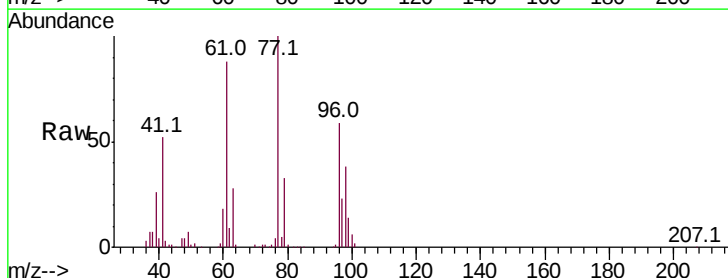
Acq: 01 Dec 2020 16:44

Tgt Ion: 77 Resp: 231521

Ion Ratio Lower Upper

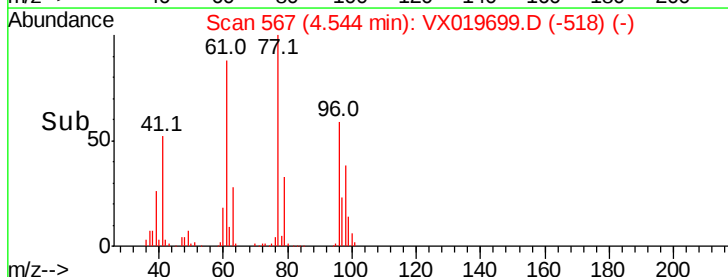
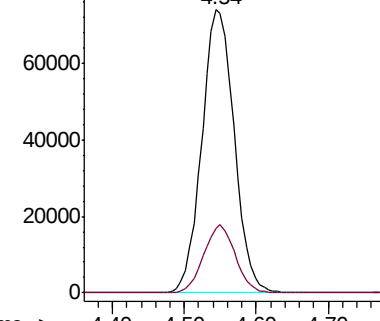
77 100

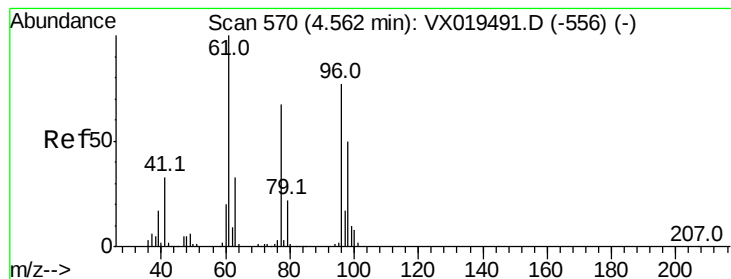
97 23.3 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



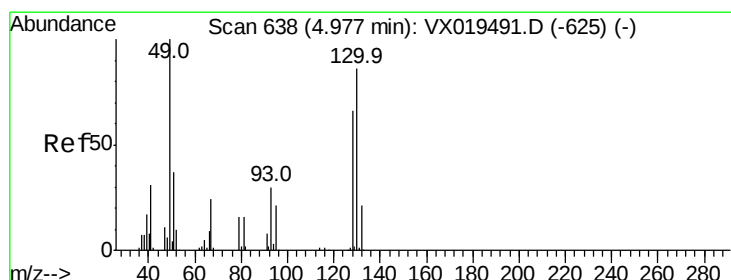
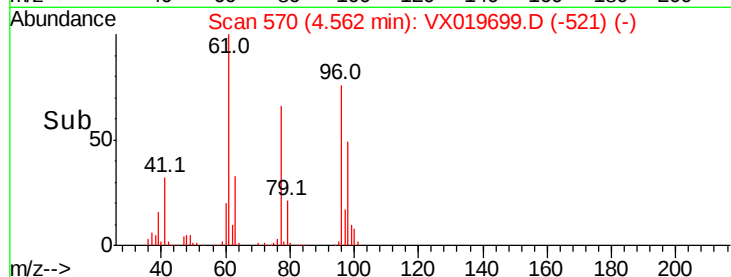
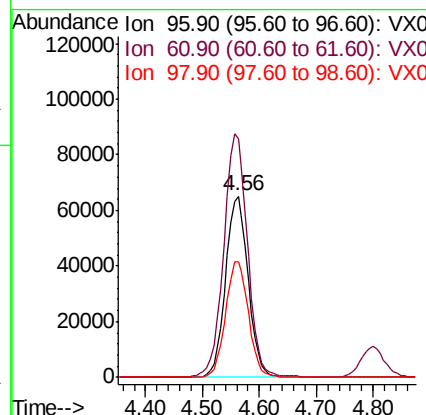
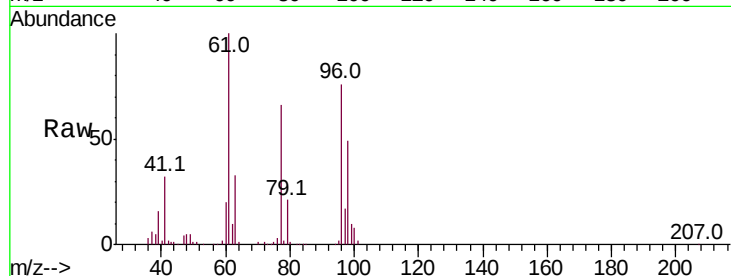


#27

cis-1,2-Dichloroethene
Concen: 52.085 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

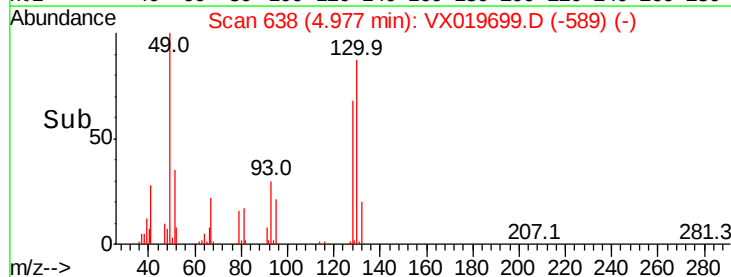
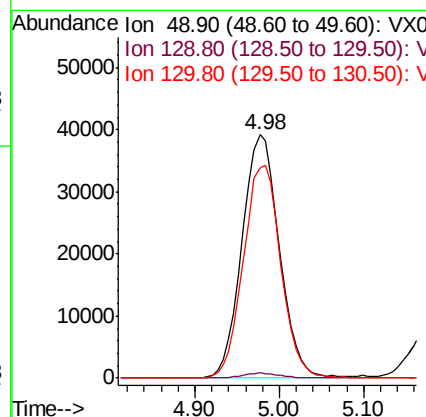
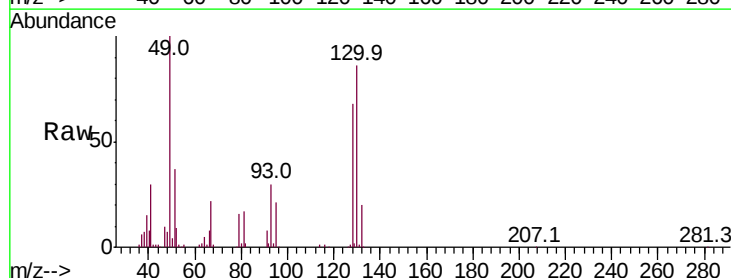
Tot Ion: 96 Resp: 179233
Ion Ratio Lower Upper
96 100
61 141.7 0.0 279.2
98 64.9 0.0 129.8

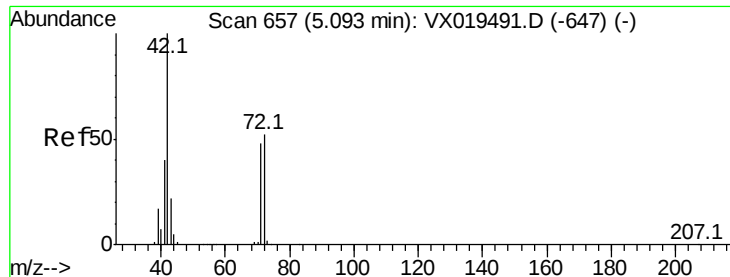


#28

Bromochloromethane
Concen: 46.924 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion: 49 Resp: 117582
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 87.7 69.0 103.6

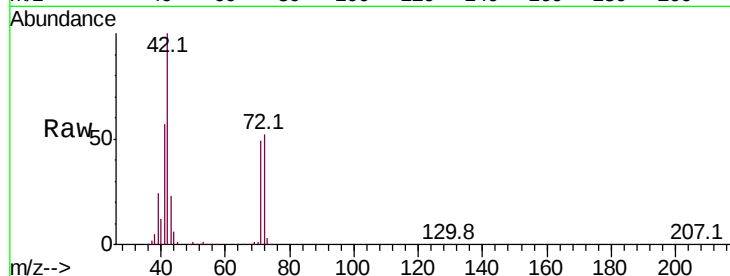




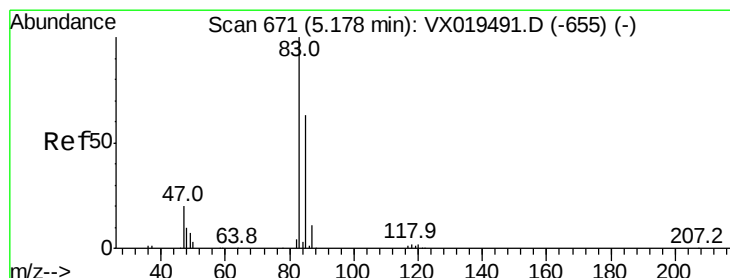
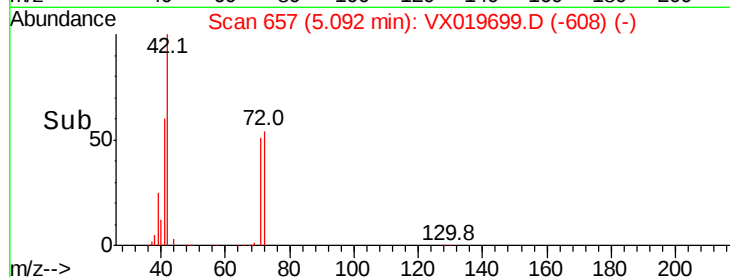
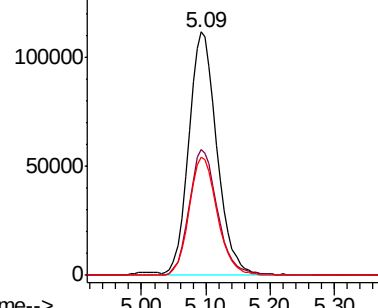
#29
Tetrahydrofuran
Concen: 268.214 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 343299
Ion Ratio Lower Upper
42 100
72 52.4 42.6 63.8
71 48.8 39.0 58.6

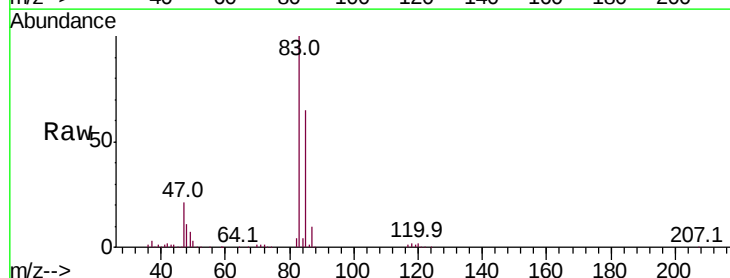


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

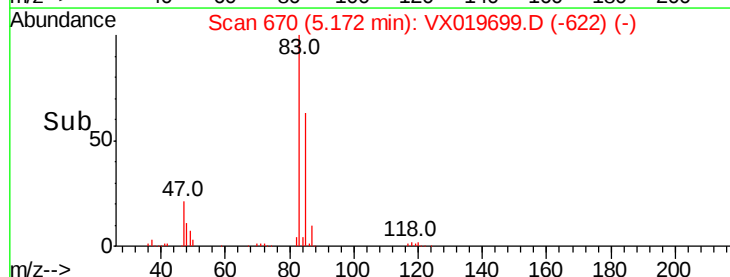
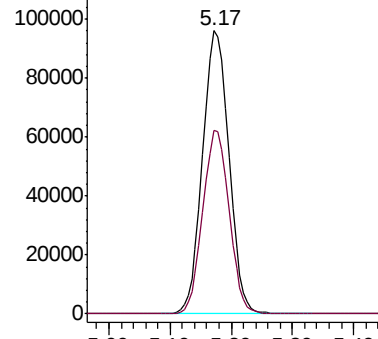


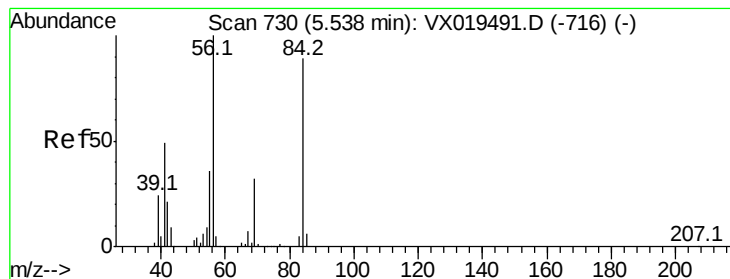
#30
Chloroform
Concen: 52.074 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion: 83 Resp: 285388
Ion Ratio Lower Upper
83 100
85 64.7 50.5 75.7



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cvclohexane

Concen: 49.701 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

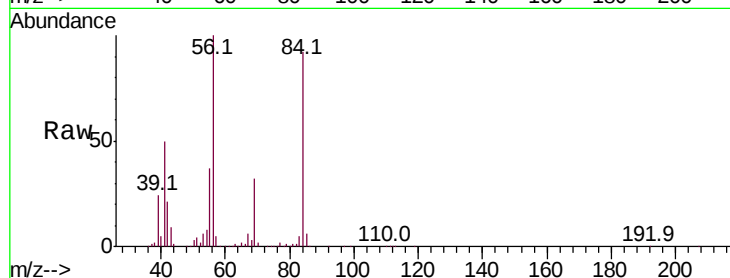
Tot Ion: 56 Resp: 223220

Ion Ratio Lower Upper

56 100

69 32.4 25.5 38.3

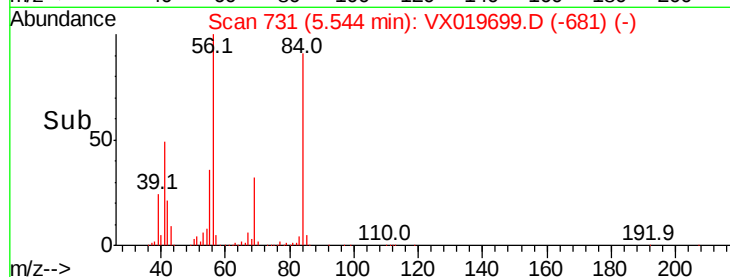
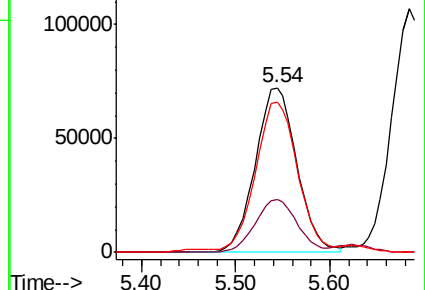
84 89.9 71.1 106.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.883 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

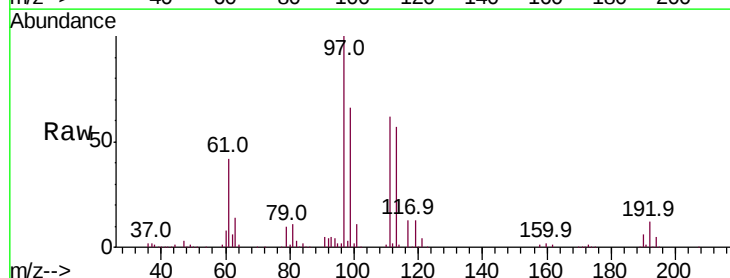
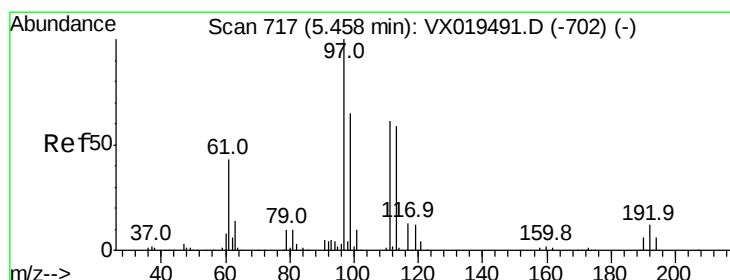
Tgt Ion: 97 Resp: 244249

Ion Ratio Lower Upper

97 100

99 65.2 51.4 77.0

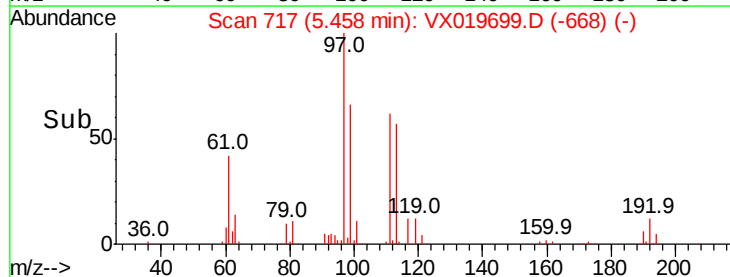
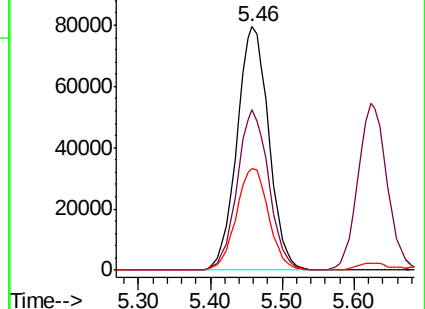
61 42.6 34.2 51.2

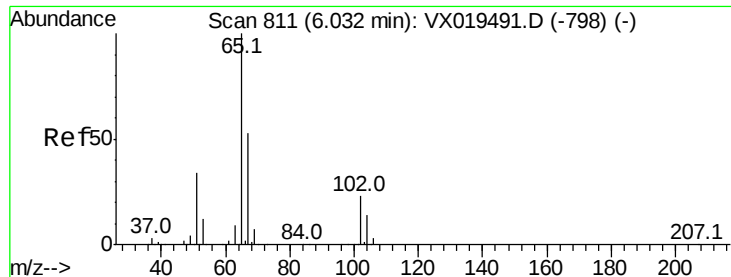


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.452 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

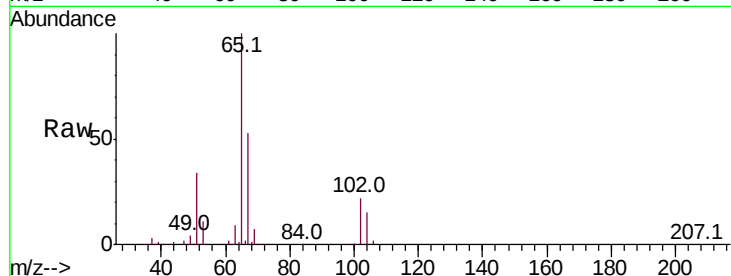
VSTDCCC050EC

Tot Ion: 65 Resp: 170767

Ion Ratio Lower Upper

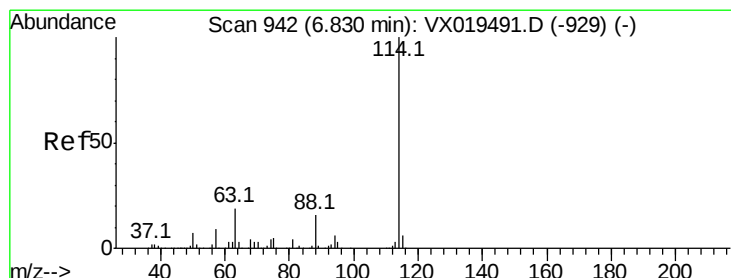
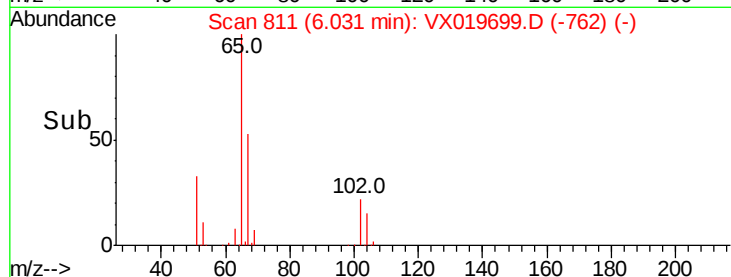
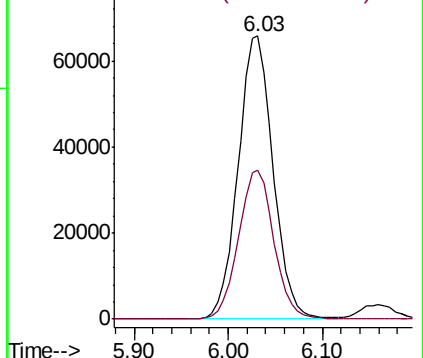
65 100

67 53.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

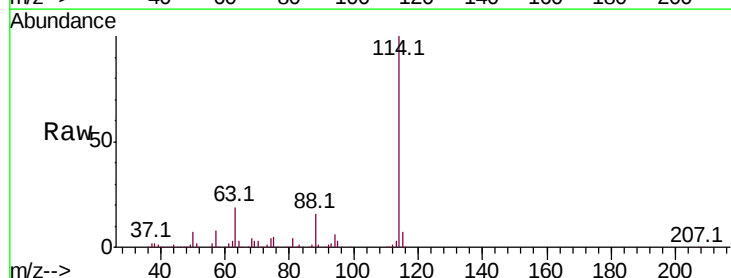
Tgt Ion: 114 Resp: 449597

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.8

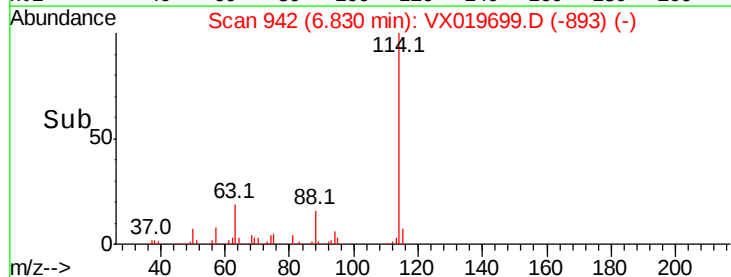
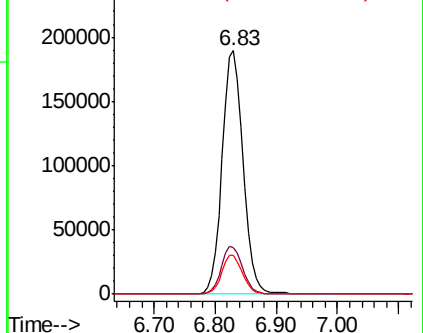
88 15.8 0.0 31.6

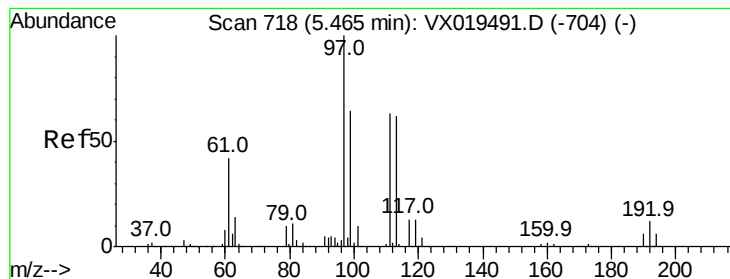


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.059 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

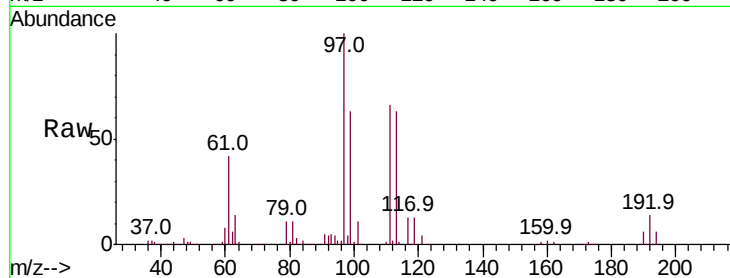
Tot Ion:113 Resp: 138451

Ion Ratio Lower Upper

113 100

111 104.0 81.5 122.3

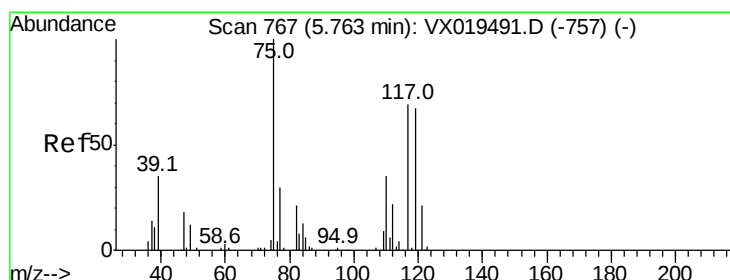
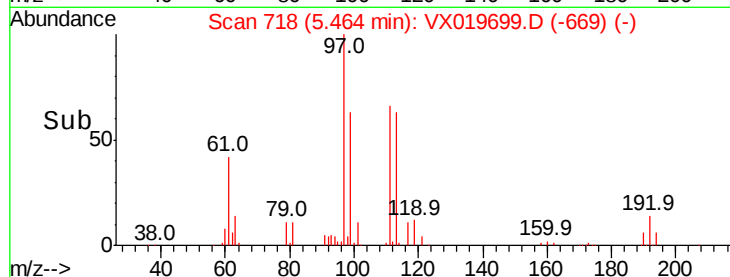
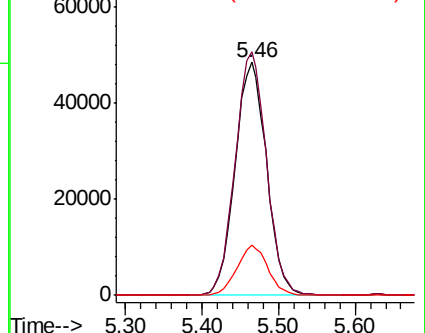
192 20.9 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.694 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

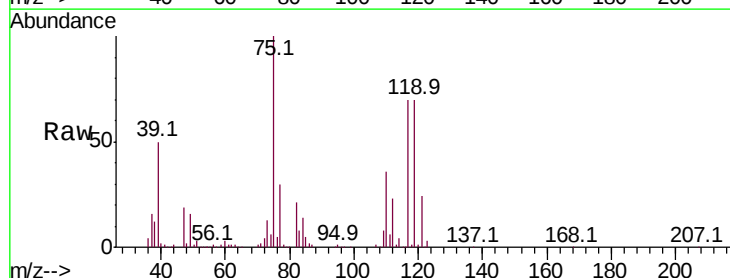
Tgt Ion: 75 Resp: 205243

Ion Ratio Lower Upper

75 100

110 36.2 18.1 54.3

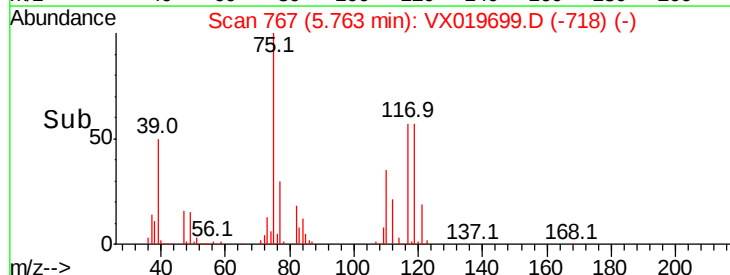
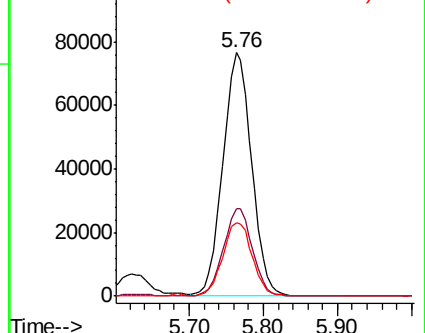
77 31.0 24.2 36.4

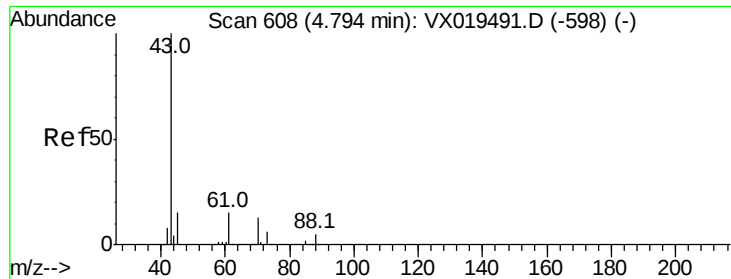


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

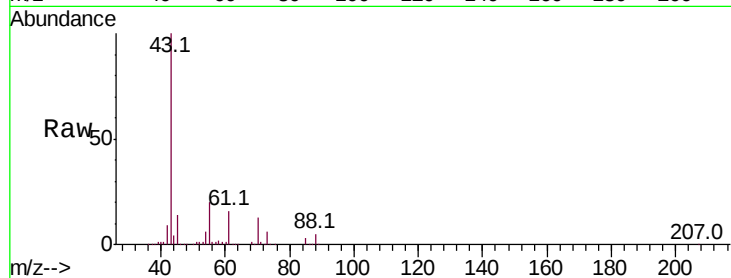




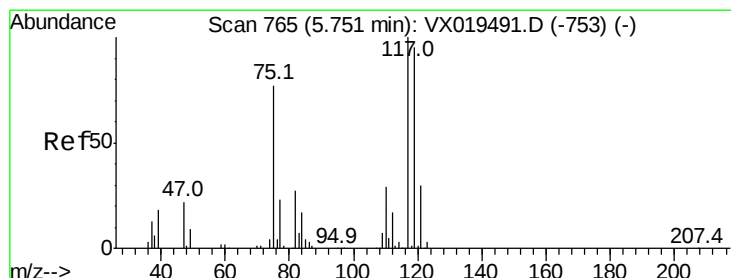
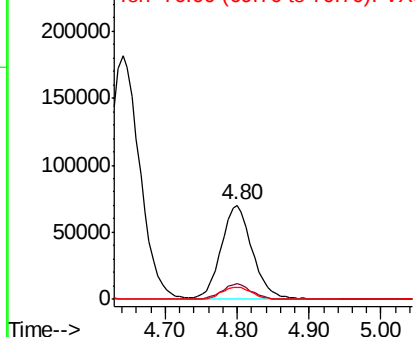
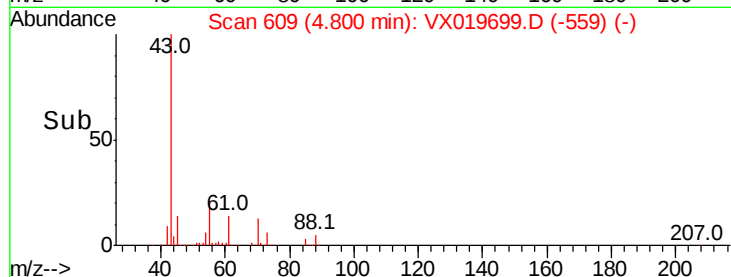
#37
Ethyl Acetate
Concen: 52.844 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 209105
Ion Ratio Lower Upper
43 100
61 15.3 12.7 19.1
70 13.1 10.2 15.2

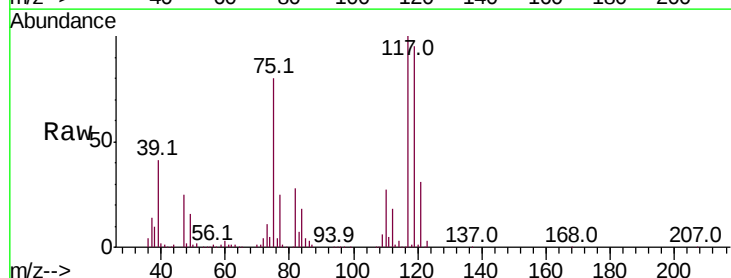


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

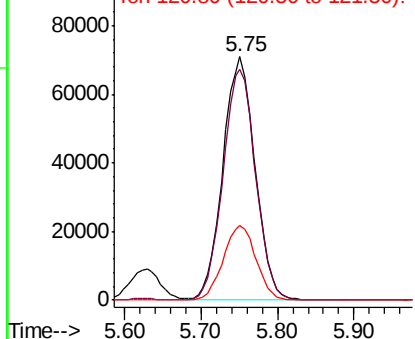
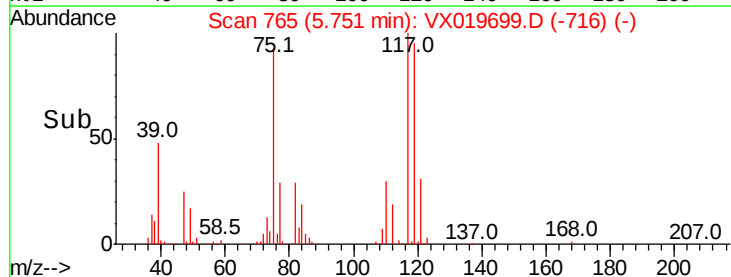


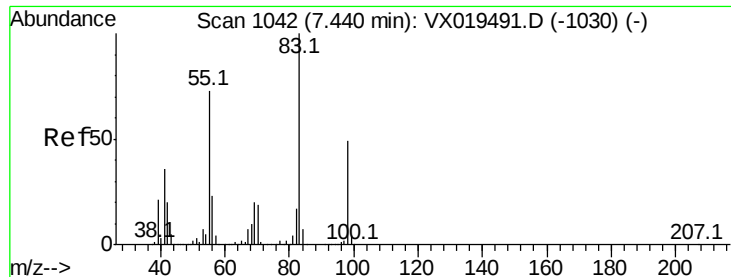
#38
Carbon Tetrachloride
Concen: 50.600 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion: 117 Resp: 206438
Ion Ratio Lower Upper
117 100
119 94.8 75.9 113.9
121 30.9 24.0 36.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

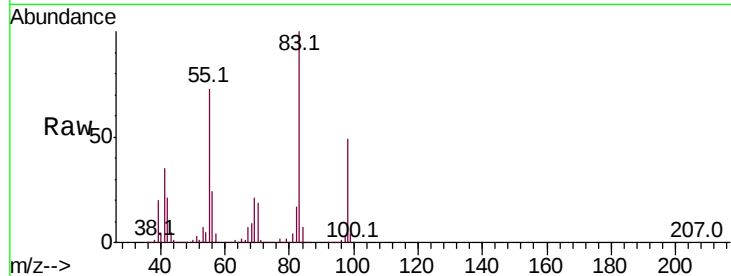




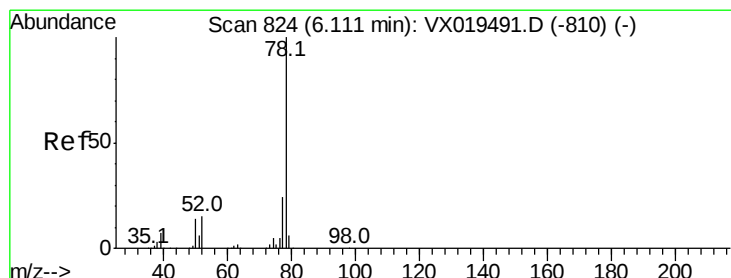
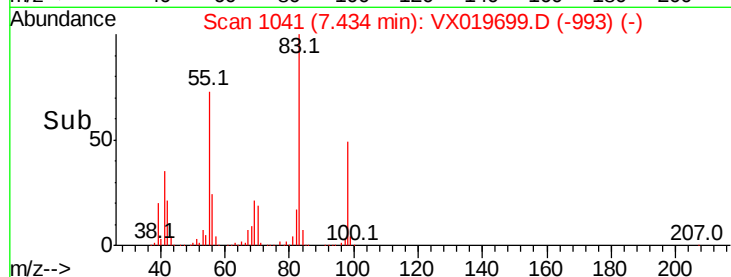
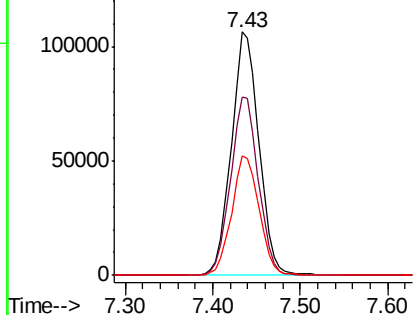
#39
Methvlcvclohexane
Concen: 47.515 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 233188
Ion Ratio Lower Upper
83 100
55 73.0 58.3 87.5
98 49.3 38.9 58.3

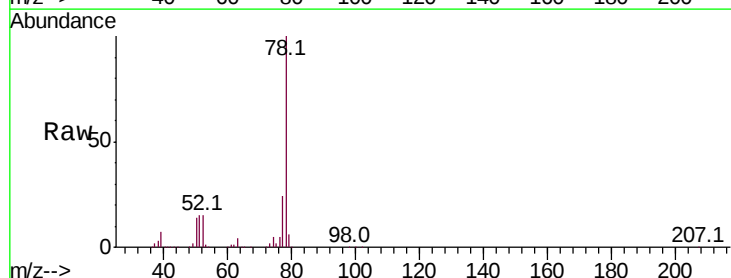


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

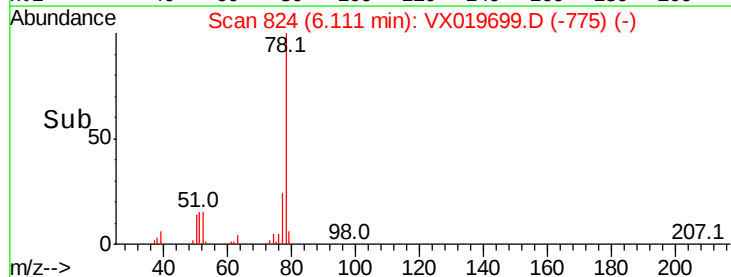
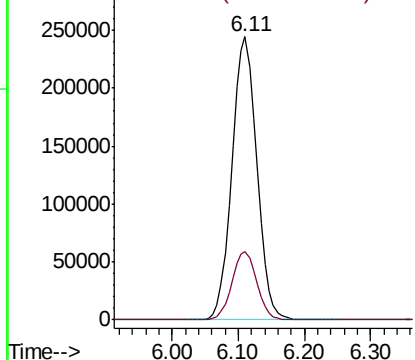


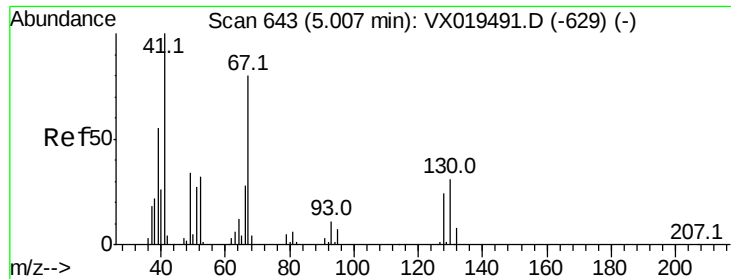
#40
Benzene
Concen: 49.238 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion: 78 Resp: 637653
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

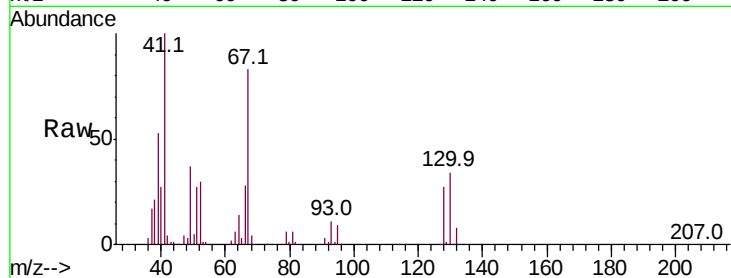




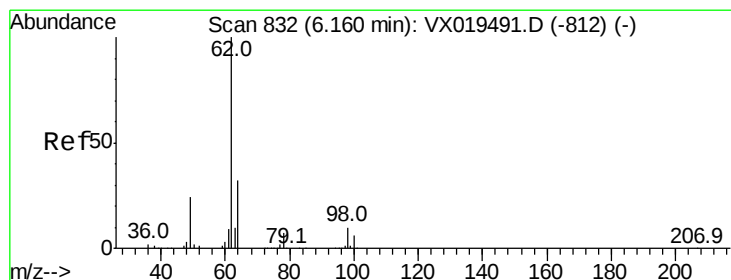
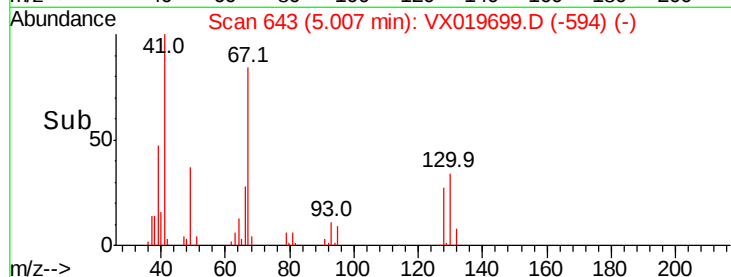
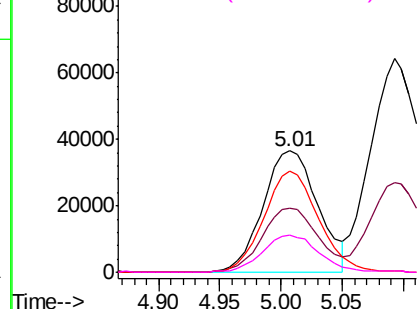
#41
Methacrylonitrile
Concen: 52.382 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 114301
Ion Ratio Lower Upper
41 100
39 53.7 43.3 64.9
67 83.3 66.0 99.0
52 31.3 25.4 38.2

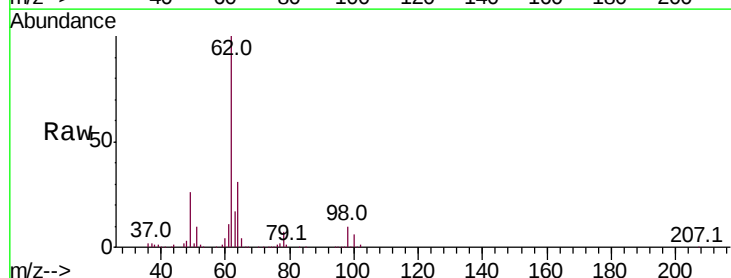


Abundance Ion 41.00 (40.70 to 41.70): VX0
100000 Ion 39.00 (38.70 to 39.70): VX0
80000 Ion 67.00 (66.70 to 67.70): VX0
60000 Ion 52.00 (51.70 to 52.70): VX0

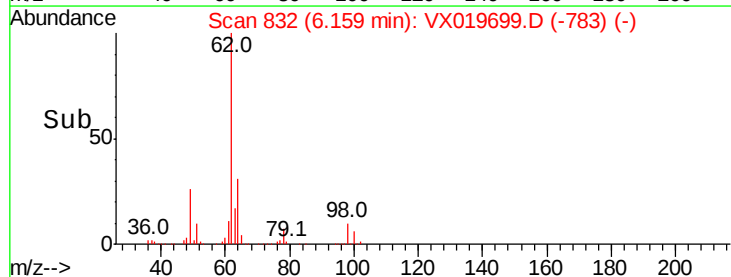
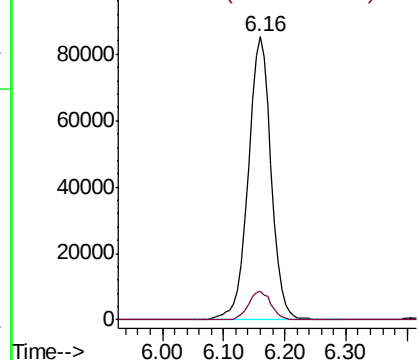


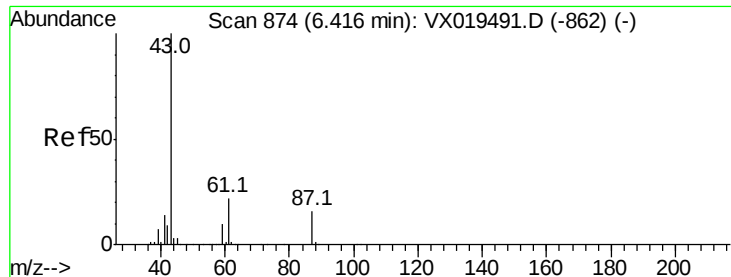
#42
1,2-Dichloroethane
Concen: 49.899 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion: 62 Resp: 221493
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
100000 Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.554 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

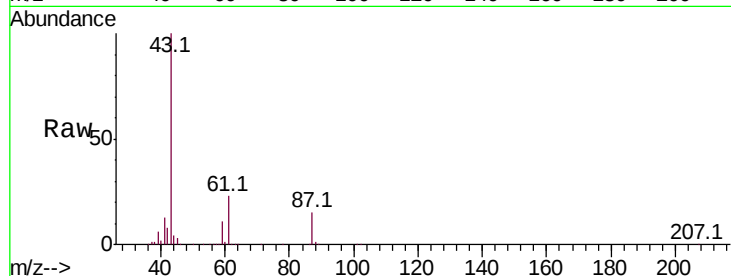
Tot Ion: 43 Resp: 342921

Ion Ratio Lower Upper

43 100

61 22.7 18.2 27.2

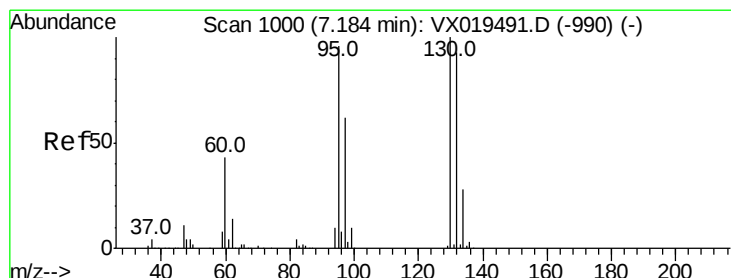
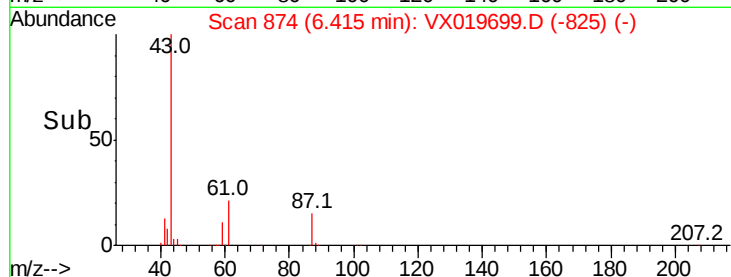
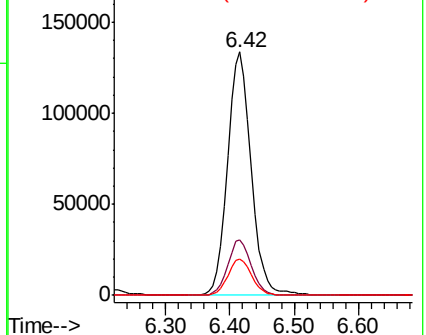
87 15.2 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.439 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019699.D

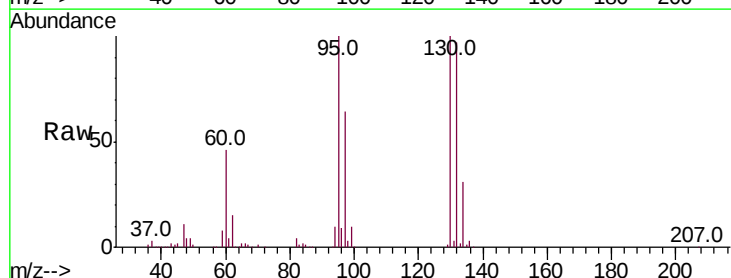
Acq: 01 Dec 2020 16:44

Tgt Ion:130 Resp: 164318

Ion Ratio Lower Upper

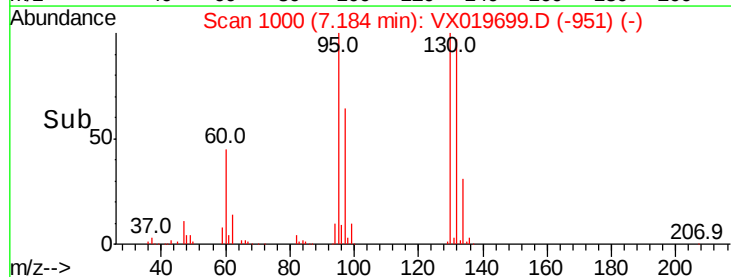
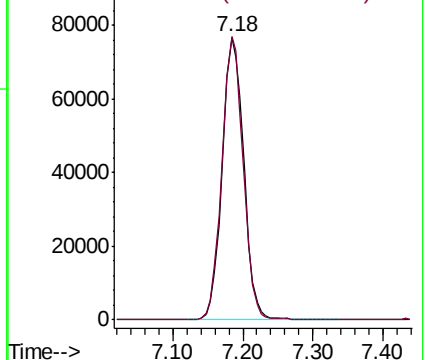
130 100

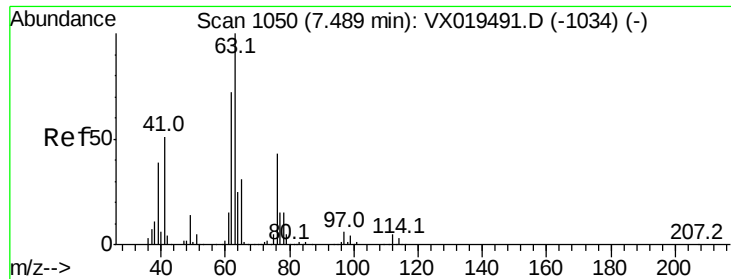
95 100.3 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.733 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

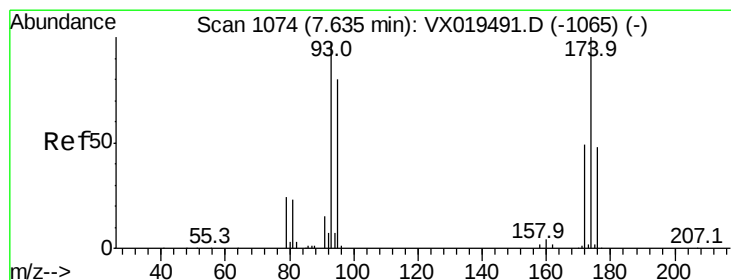
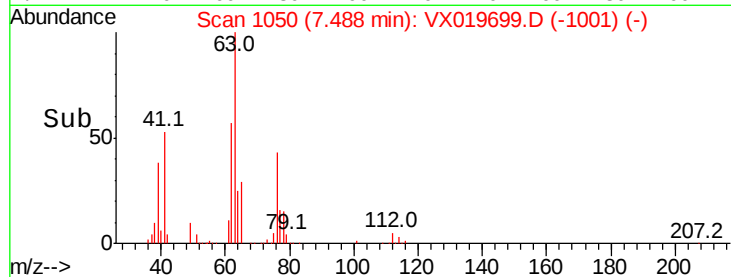
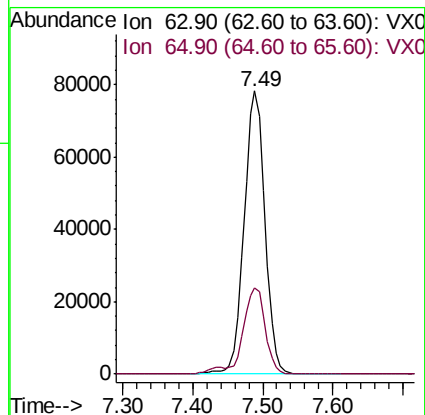
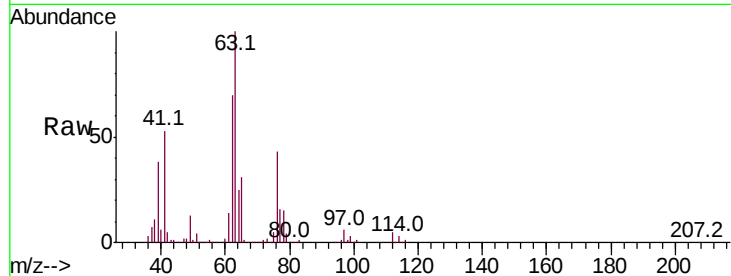
VSTDCCC050EC

Tot Ion: 63 Resp: 161745

Ion Ratio Lower Upper

63 100

65 30.6 25.0 37.4



#46

Dibromomethane

Concen: 50.151 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

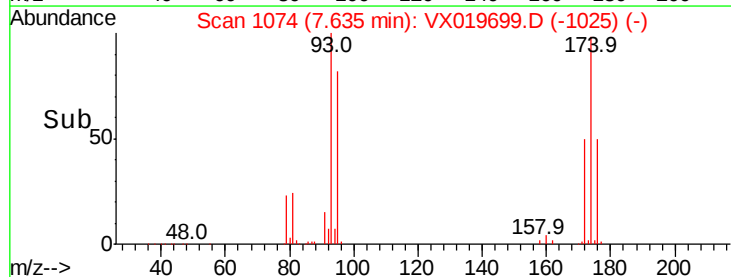
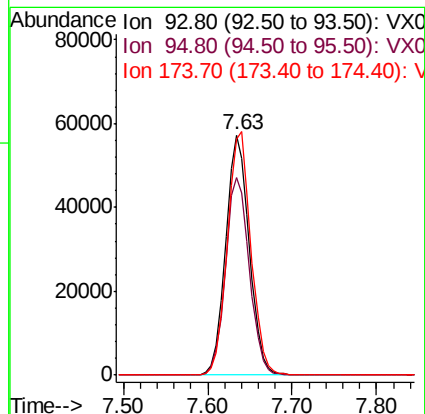
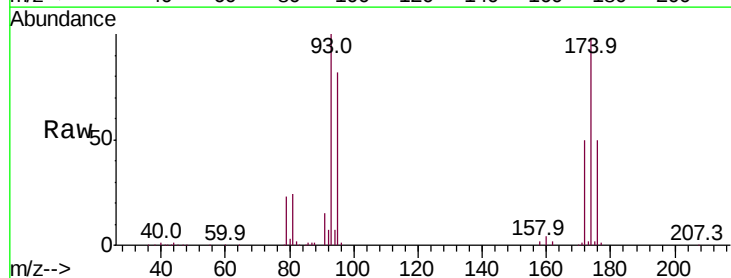
Tgt Ion: 93 Resp: 109432

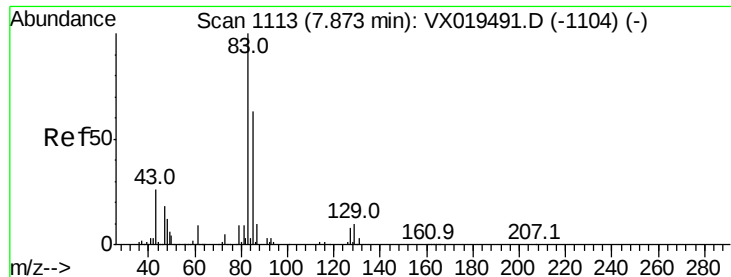
Ion Ratio Lower Upper

93 100

95 83.5 66.8 100.2

174 101.6 83.0 124.4





#47

Bromodichloromethane

Concen: 51.387 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

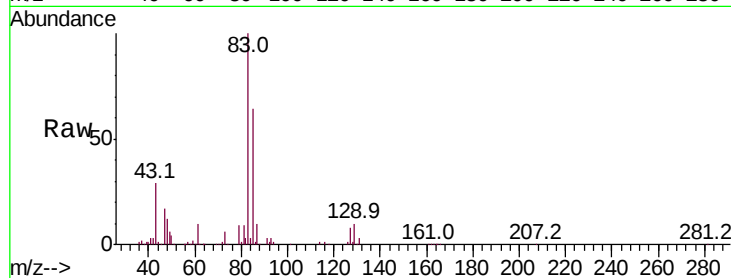
Tot Ion: 83 Resp: 217584

Ion Ratio Lower Upper

83 100

85 64.1 50.2 75.2

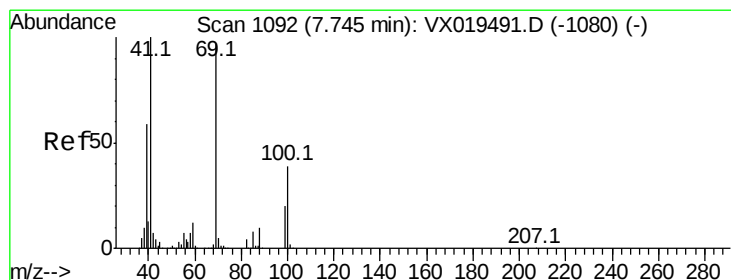
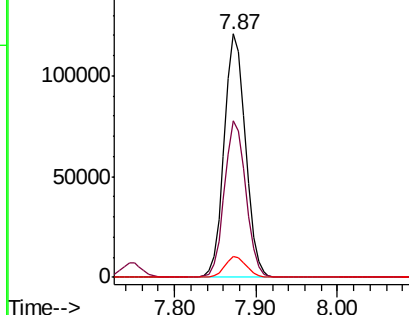
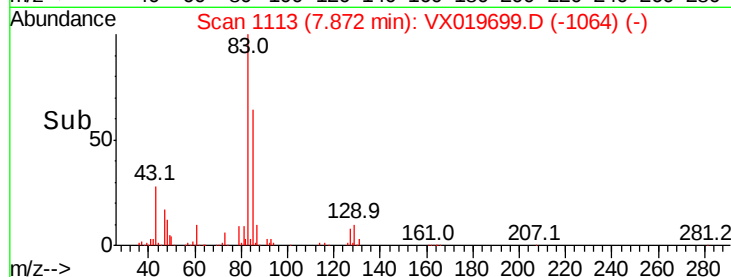
127 8.4 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.122 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

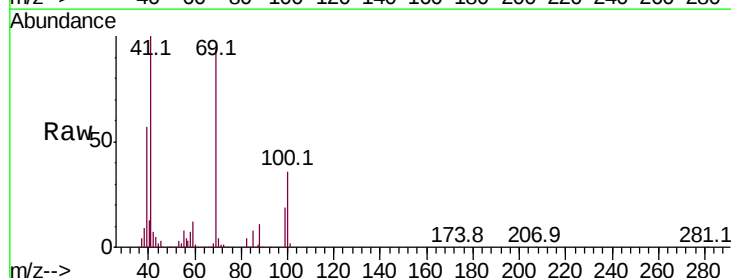
Tgt Ion: 41 Resp: 165483

Ion Ratio Lower Upper

41 100

69 95.6 77.0 115.6

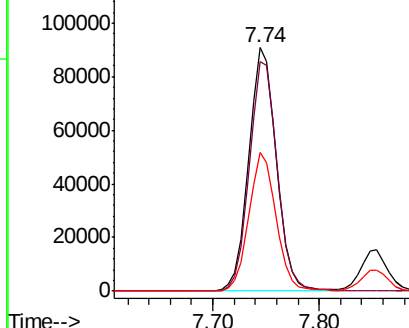
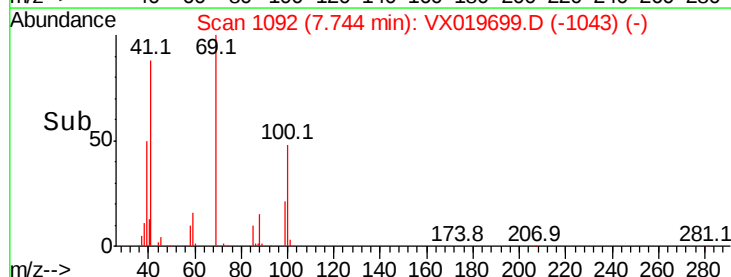
39 56.5 45.6 68.4

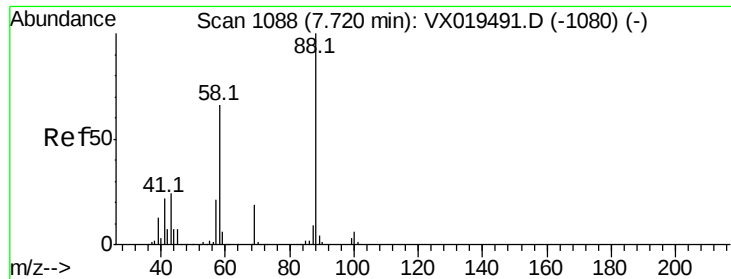


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

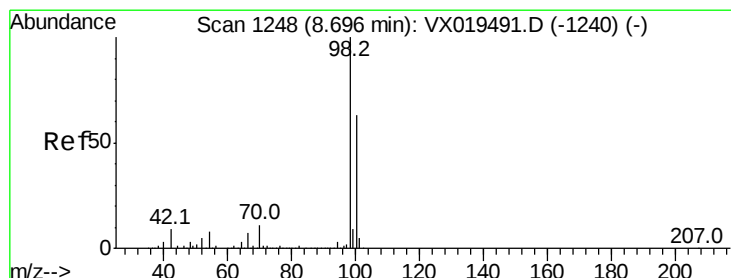
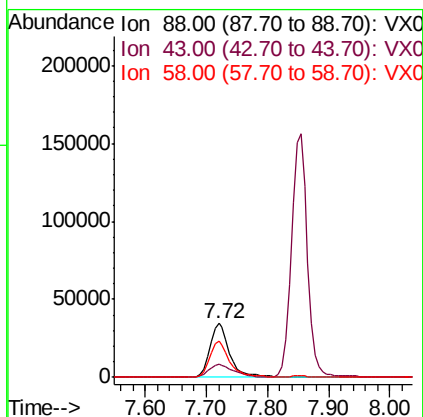
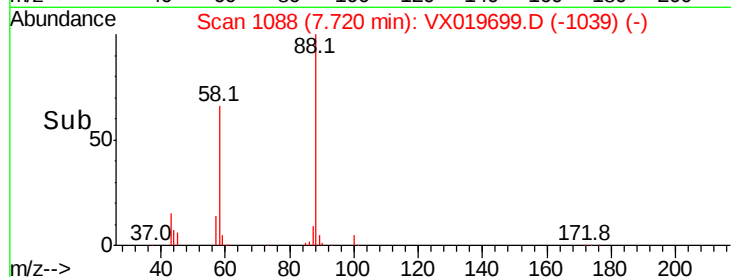
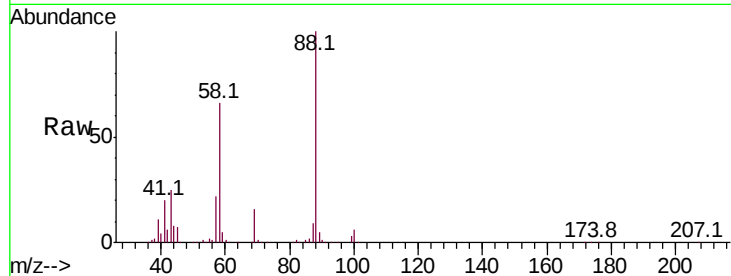




#49
1,4-Dioxane
Concen: 1125.517 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

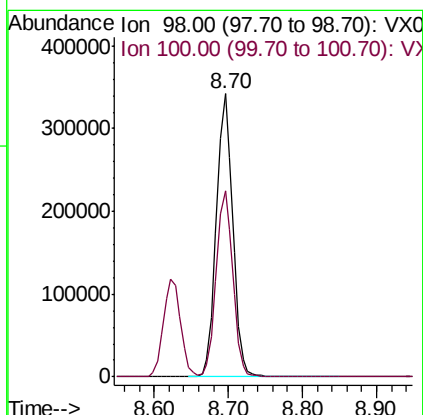
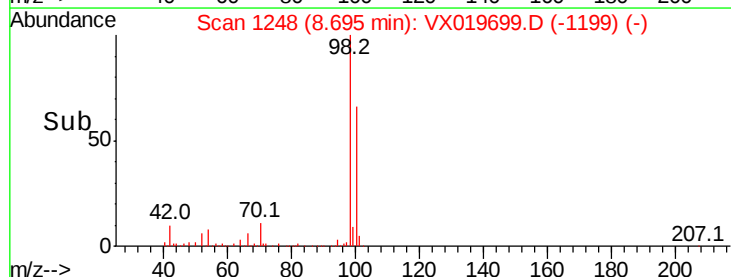
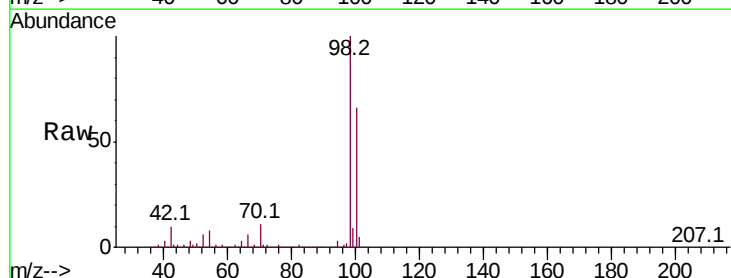
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

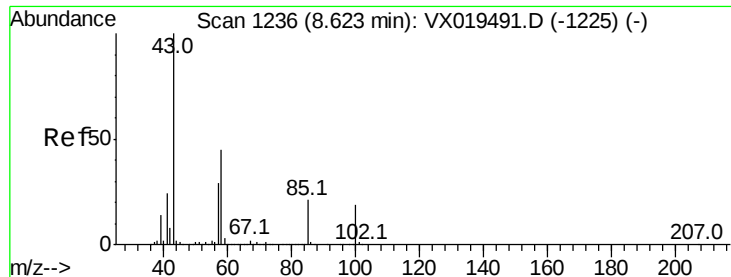
Tot Ion: 88 Resp: 79609
Ion Ratio Lower Upper
88 100
43 27.6 23.8 35.6
58 67.3 54.2 81.2



#50
Toluene-d8
Concen: 47.334 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion: 98 Resp: 519087
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 267.936 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

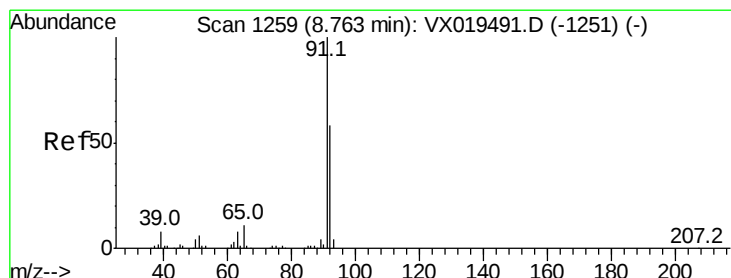
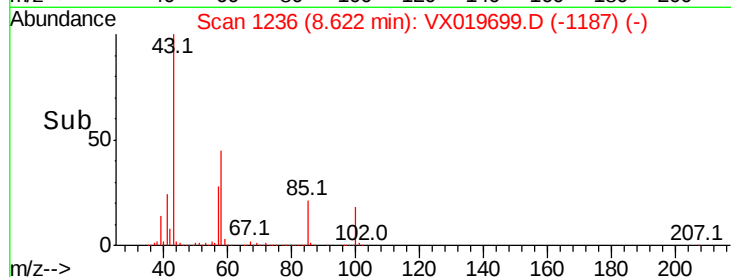
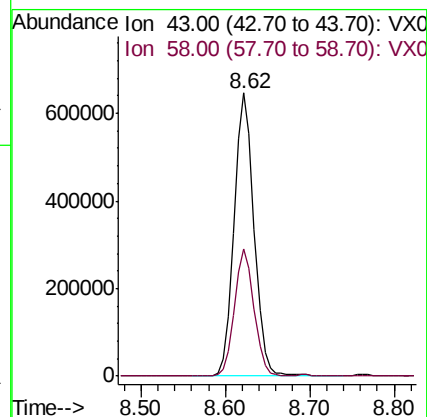
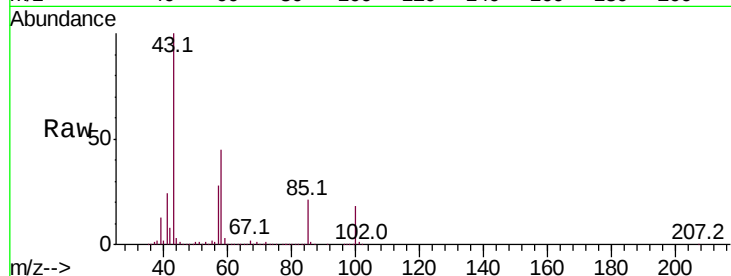
VSTDCCC050EC

Tot Ion: 43 Resp: 1039274

Ion Ratio Lower Upper

43 100

58 44.2 35.1 52.7



#52

Toluene

Concen: 49.698 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019699.D

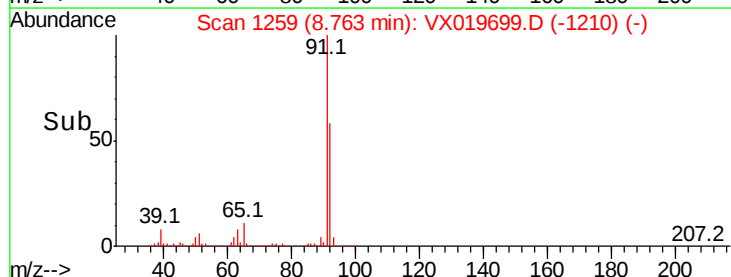
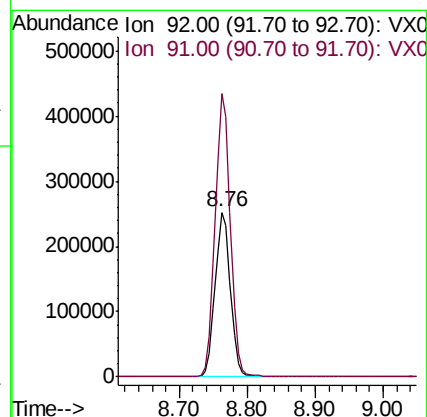
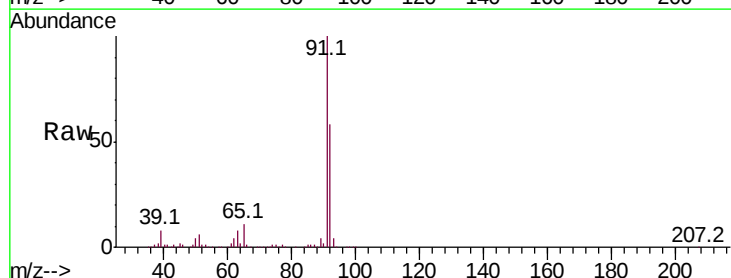
Acq: 01 Dec 2020 16:44

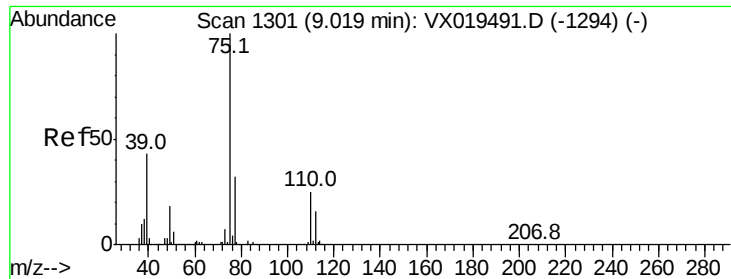
Tgt Ion: 92 Resp: 393735

Ion Ratio Lower Upper

92 100

91 171.6 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 51.408 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

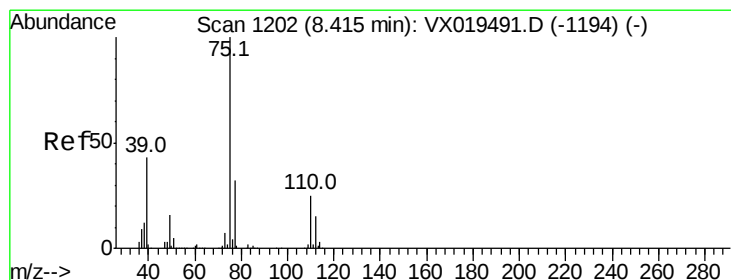
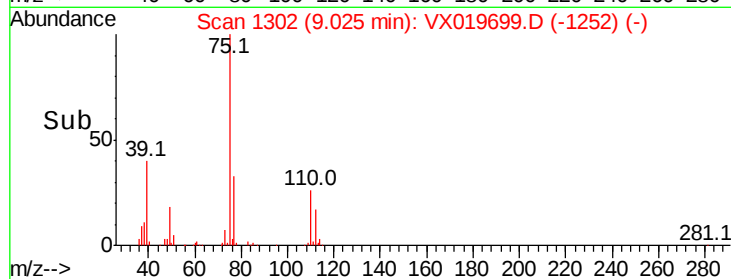
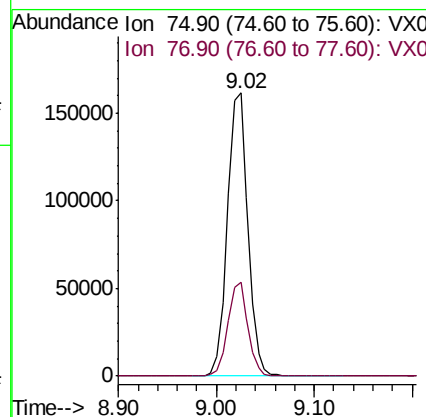
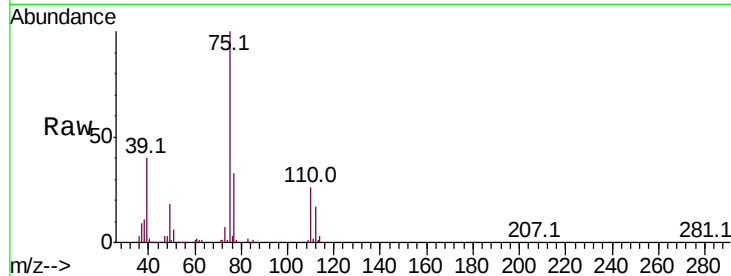
Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 235085

Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.3	37.9



#54

cis-1,3-Dichloropropene

Concen: 51.764 ug/l

RT: 8.42 min Scan# 1202

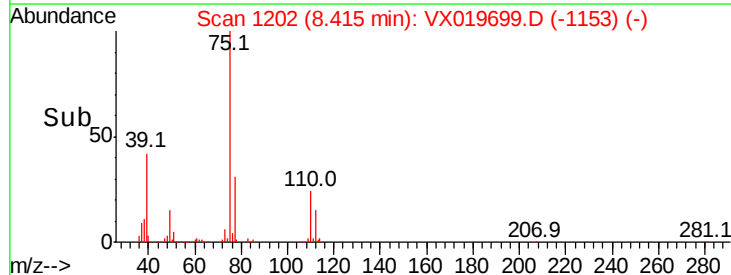
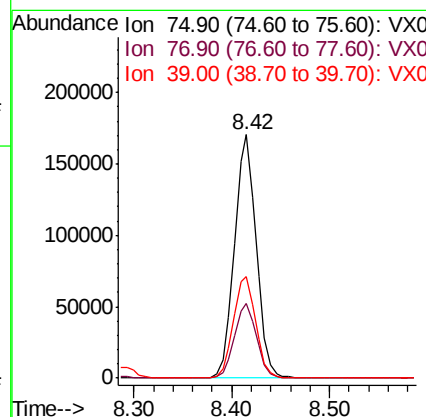
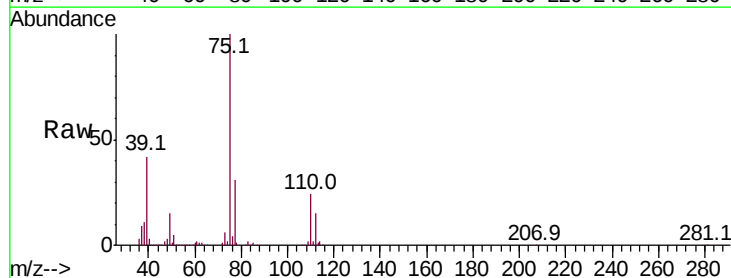
Delta R.T. -0.00 min

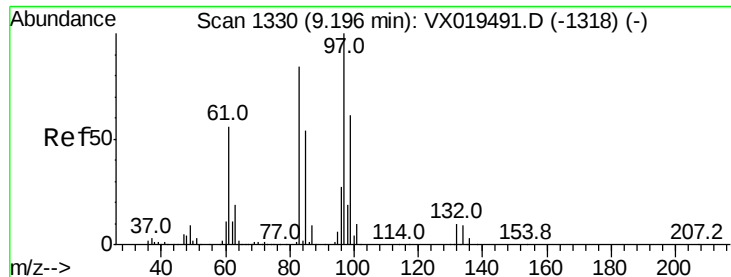
Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Tgt Ion: 75 Resp: 262691

Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.8	38.6
39	41.8	34.6	51.8





#55

1,1,2-Trichloroethane

Concen: 50.407 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 162639

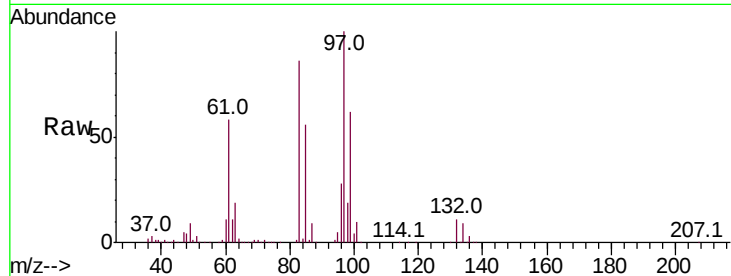
Ion Ratio Lower Upper

97 100

83 86.2 67.0 100.6

85 56.5 43.4 65.0

99 62.4 49.0 73.4

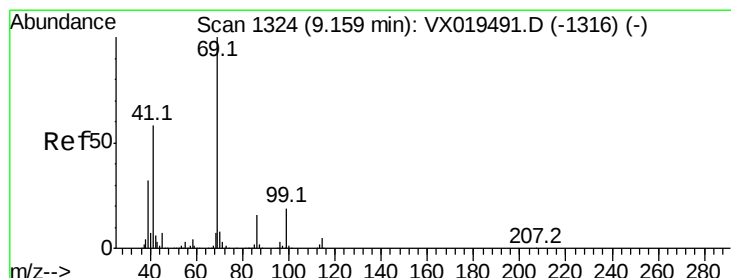
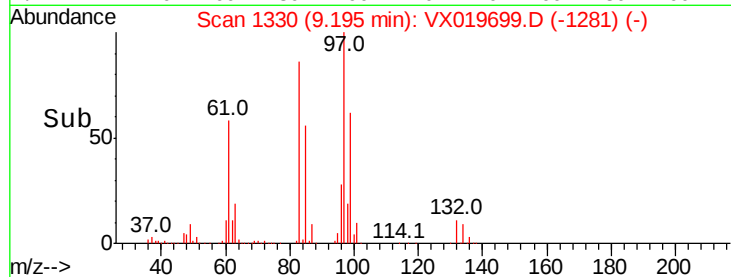
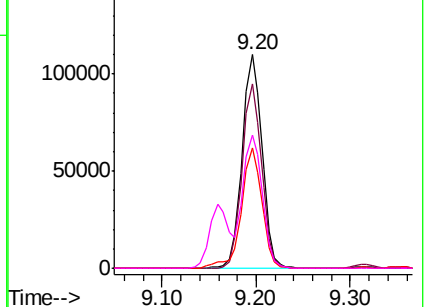


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.743 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

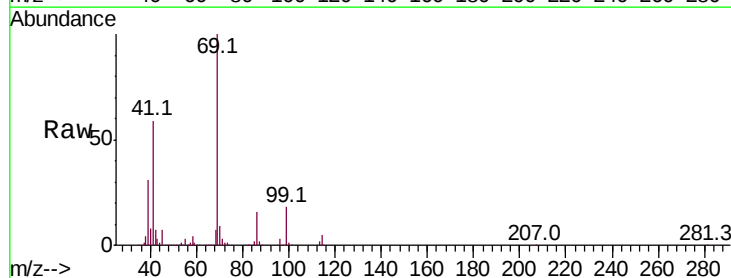
Tgt Ion: 69 Resp: 245369

Ion Ratio Lower Upper

69 100

41 58.6 46.2 69.2

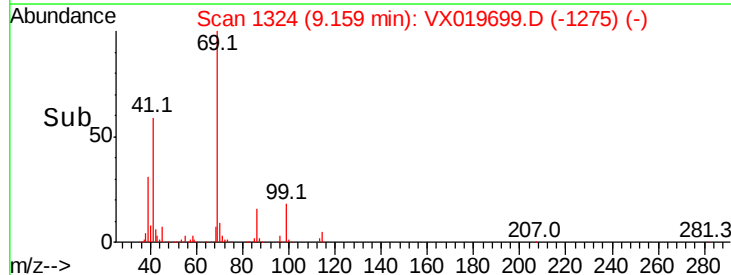
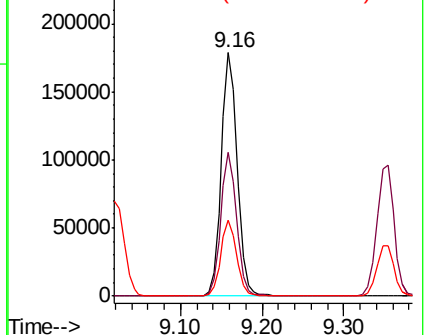
39 30.9 25.5 38.3

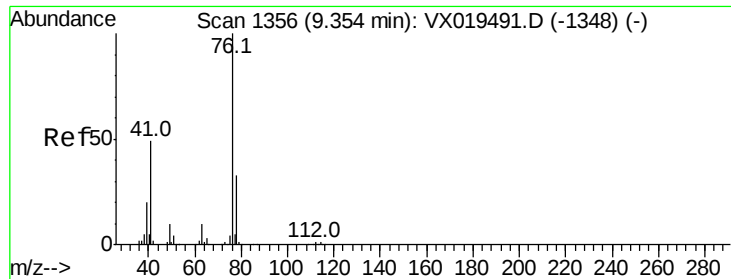


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.706 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

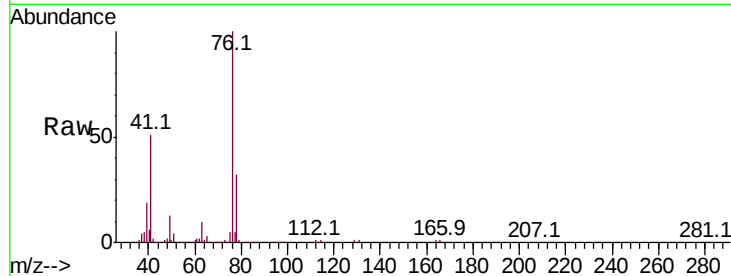
VSTDCCC050EC

Tot Ion: 76 Resp: 273910

Ion Ratio Lower Upper

76 100

78 32.0 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

150000

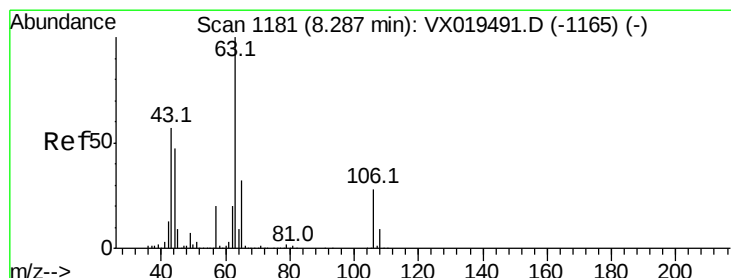
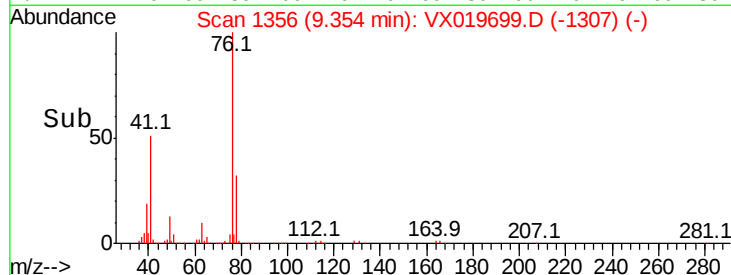
100000

50000

0

9.25 9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 243.075 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019699.D

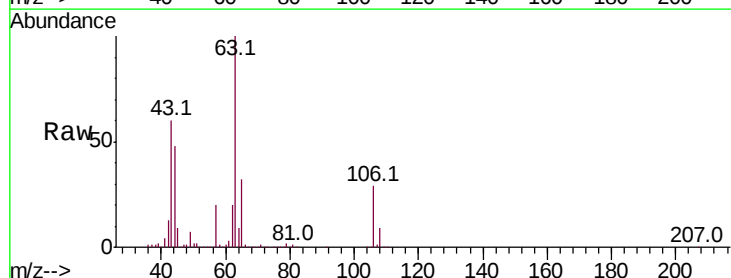
Acq: 01 Dec 2020 16:44

Tgt Ion: 63 Resp: 650280

Ion Ratio Lower Upper

63 100

106 29.8 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

300000

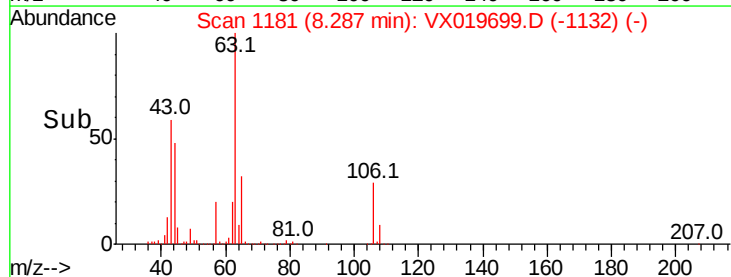
200000

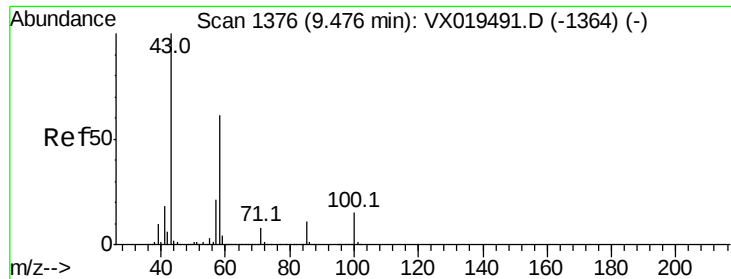
100000

0

8.20 8.30 8.40

Time-->

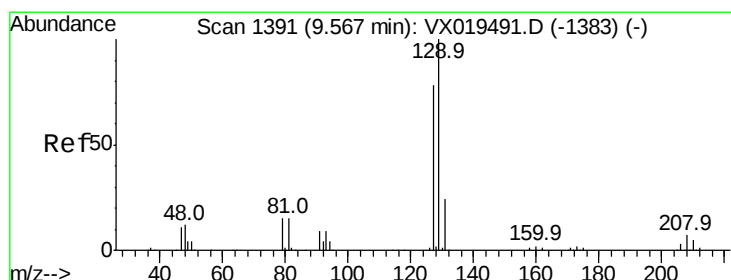
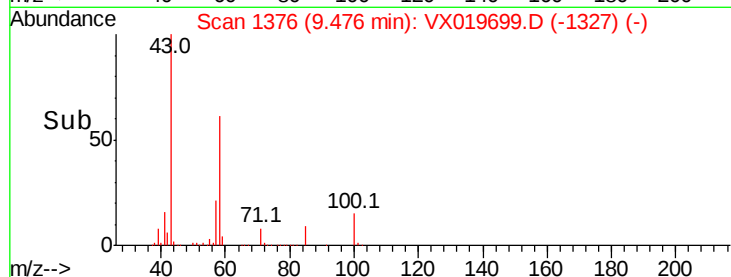
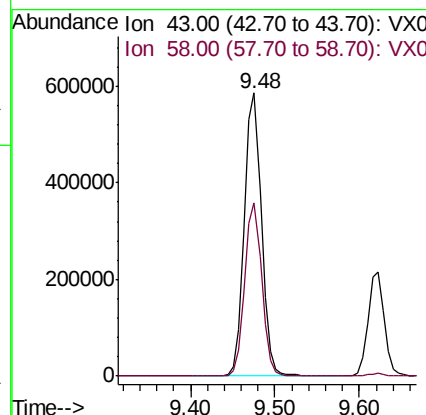
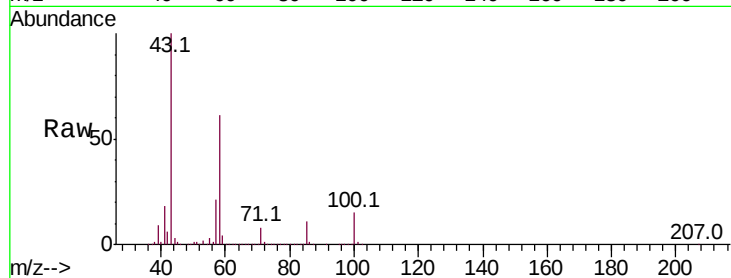




#59
2-Hexanone
Concen: 269.379 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

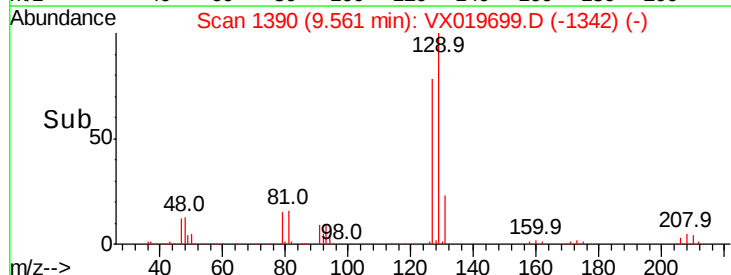
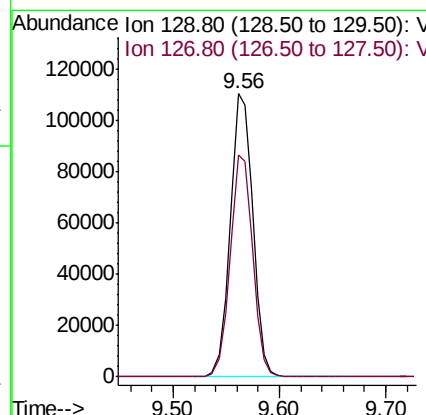
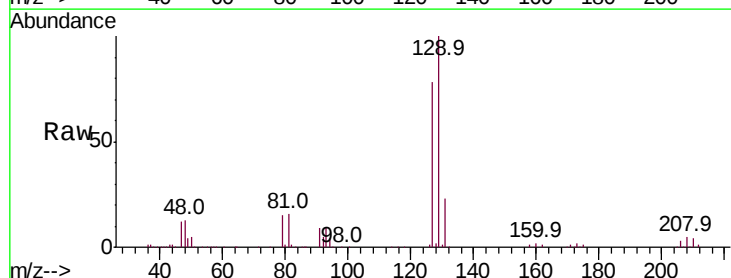
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

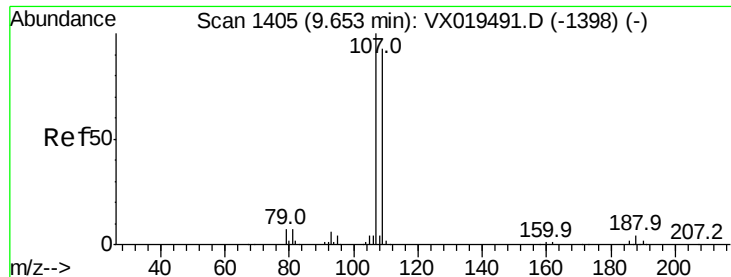
Tot Ion: 43 Resp: 792453
Ion Ratio Lower Upper
43 100
58 61.1 30.6 91.6



#60
Dibromochloromethane
Concen: 51.995 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion: 129 Resp: 164324
Ion Ratio Lower Upper
129 100
127 78.1 39.0 116.9

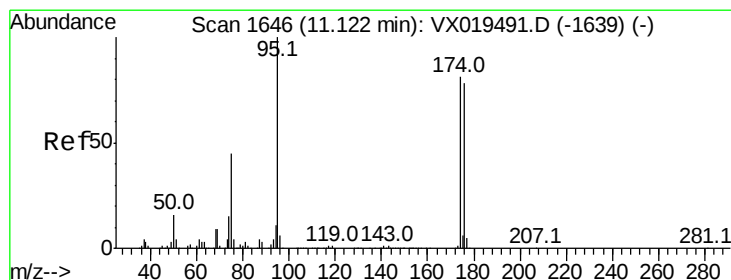
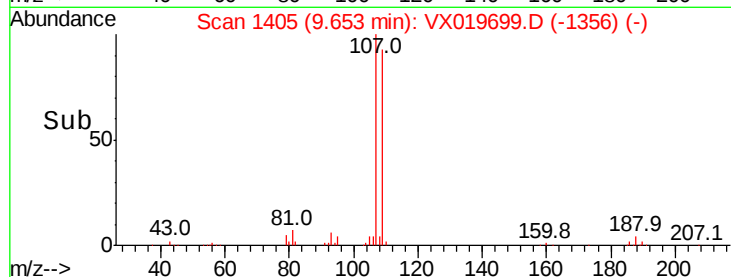
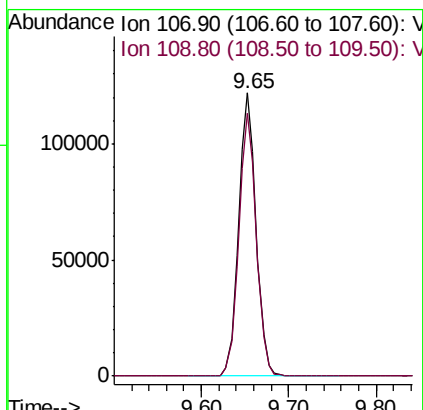
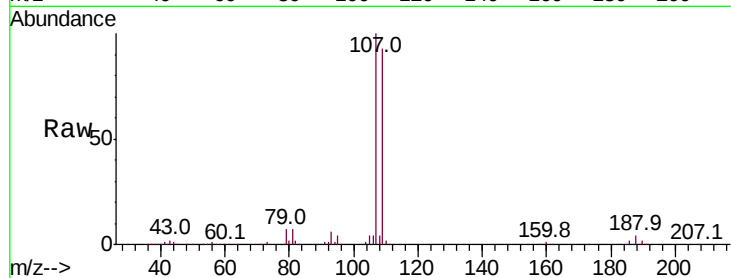




#61
1,2-Dibromoethane
Concen: 51.043 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

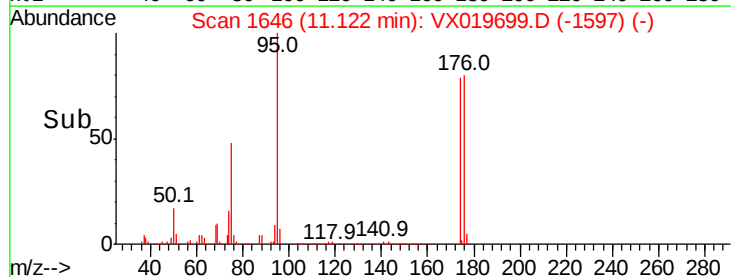
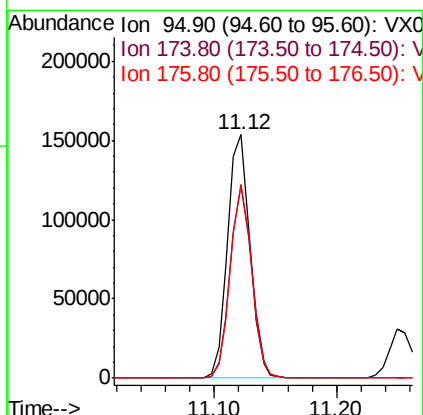
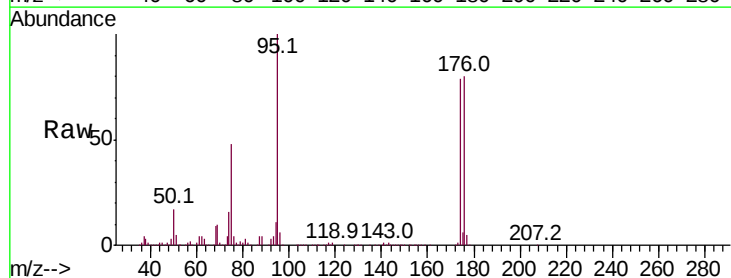
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

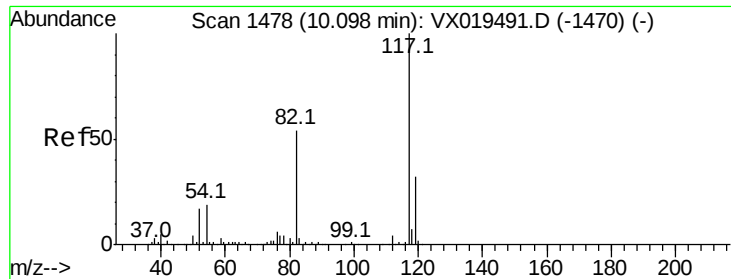
Tot Ion:107 Resp: 169763
Ion Ratio Lower Upper
107 100
109 93.4 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 48.965 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion: 95 Resp: 193197
Ion Ratio Lower Upper
95 100
174 77.0 0.0 156.2
176 76.0 0.0 151.4

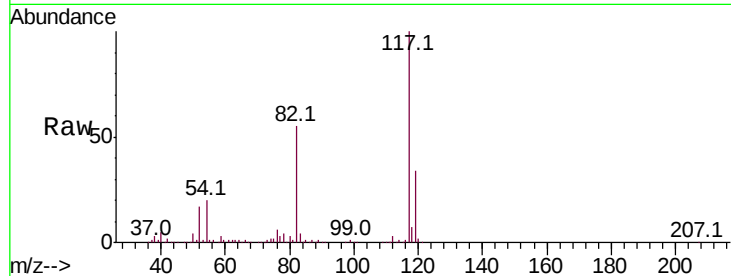




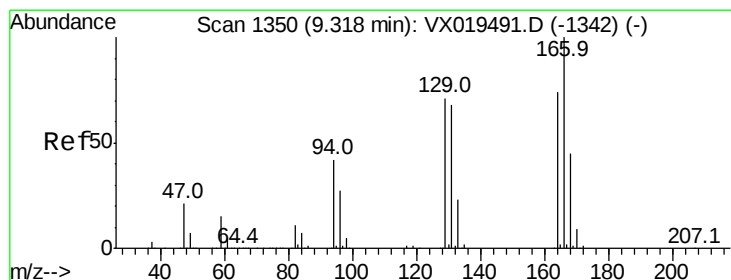
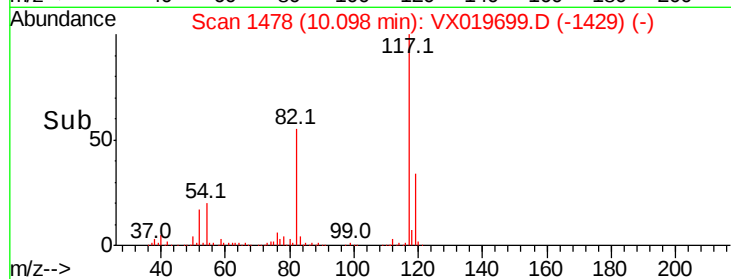
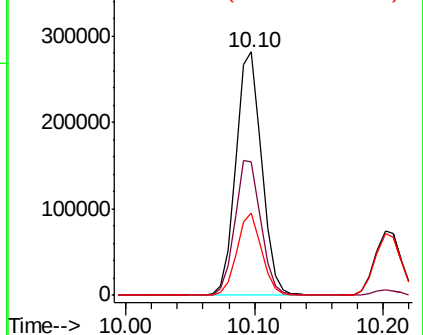
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 392048
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 33.7 25.6 38.4

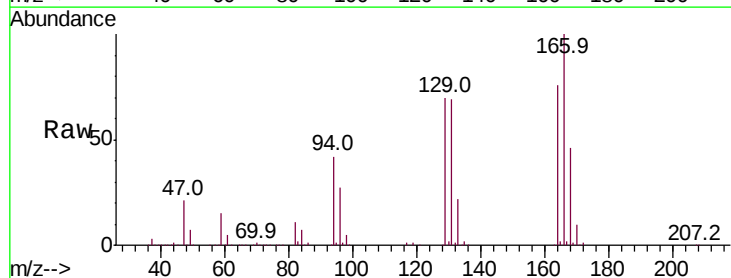


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

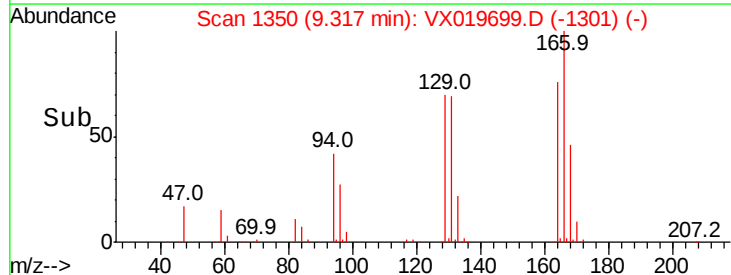
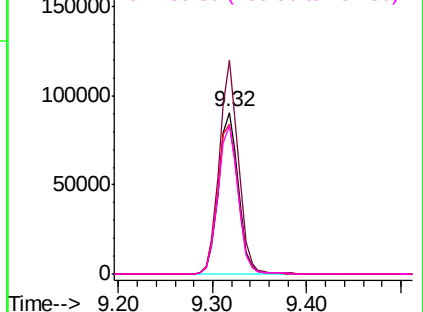


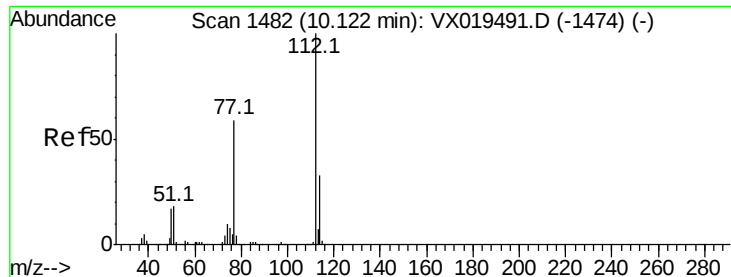
#64
Tetrachloroethene
Concen: 43.164 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion:164 Resp: 133020
Ion Ratio Lower Upper
164 100
166 132.1 107.4 161.0
129 92.4 76.6 114.8
131 91.6 72.6 108.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

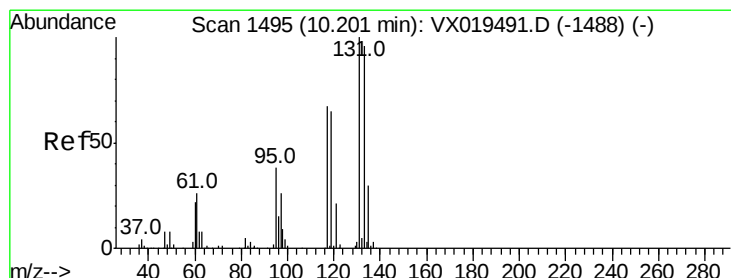
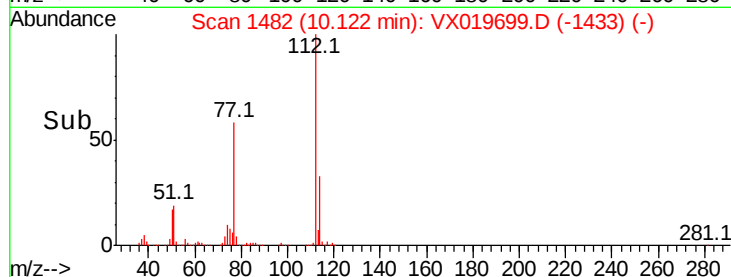
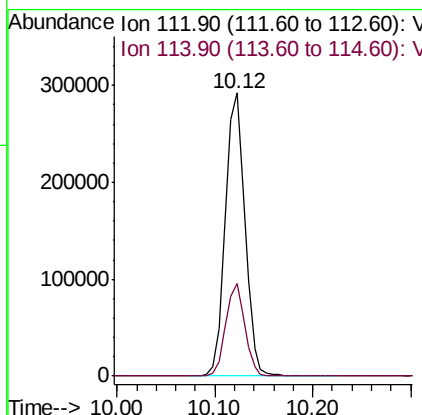
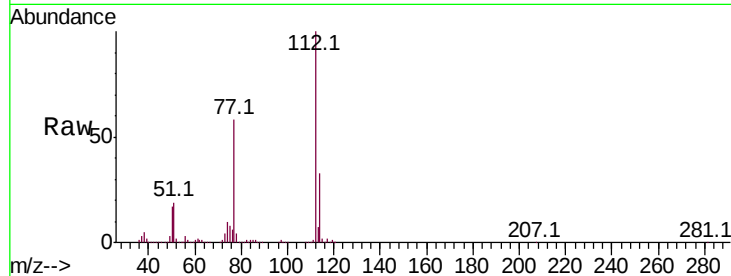




#65
Chlorobenzene
Concen: 50.518 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

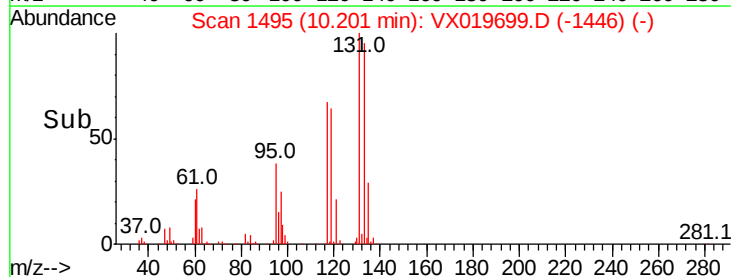
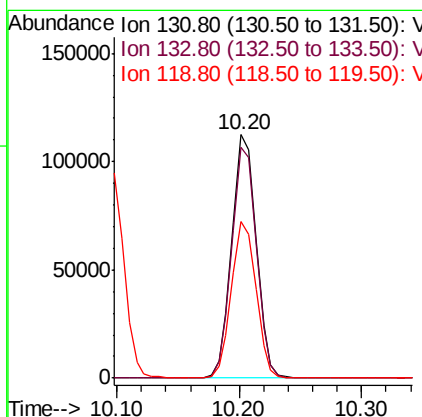
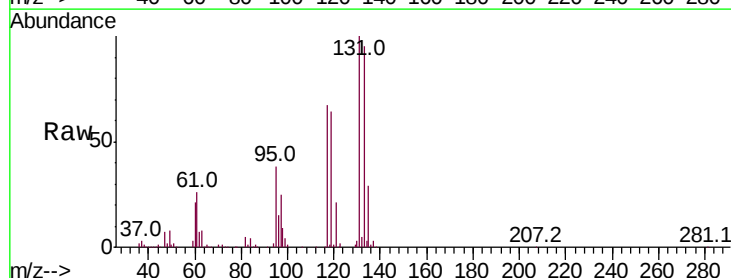
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

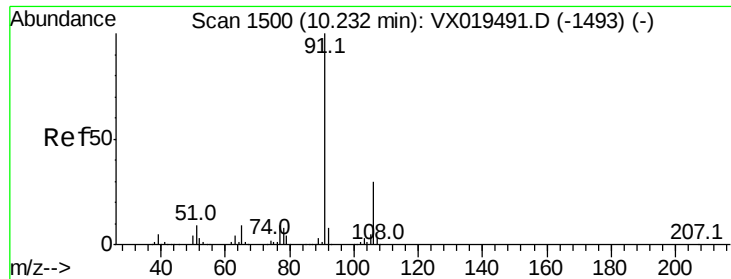
Tot Ion:112 Resp: 407202
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.126 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion:131 Resp: 155762
Ion Ratio Lower Upper
131 100
133 95.6 48.5 145.5
119 64.5 33.0 99.0

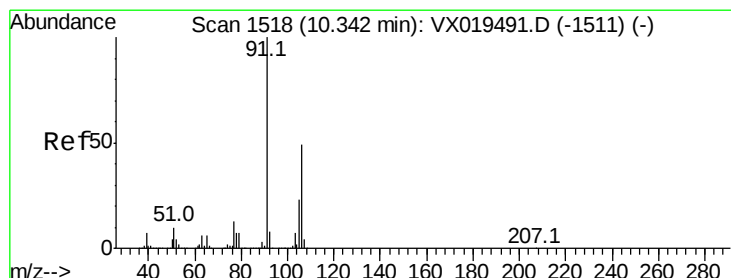
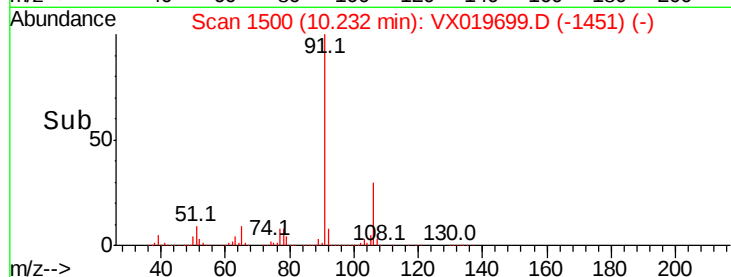
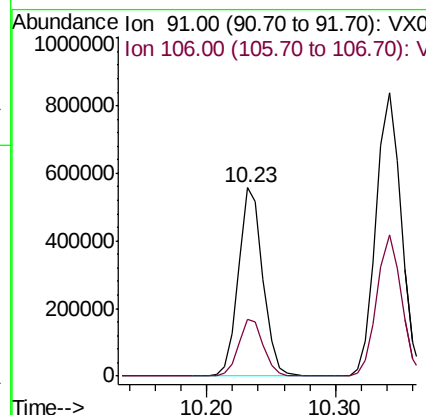
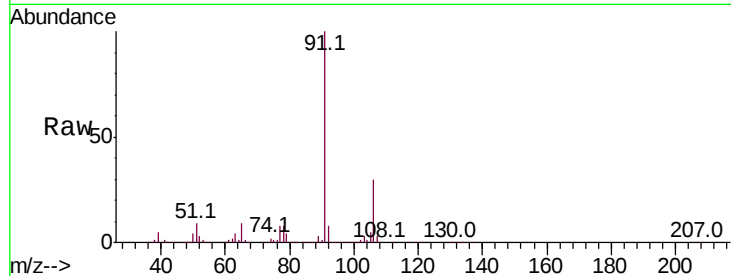




#67
Ethyl Benzene
Concen: 52.178 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

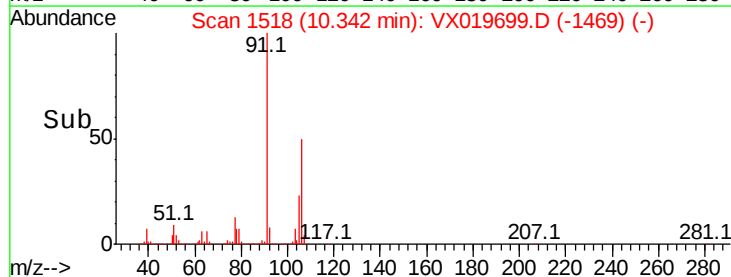
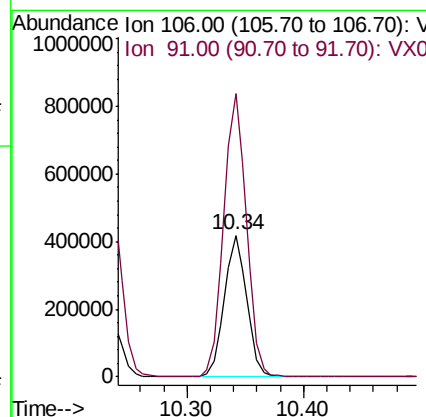
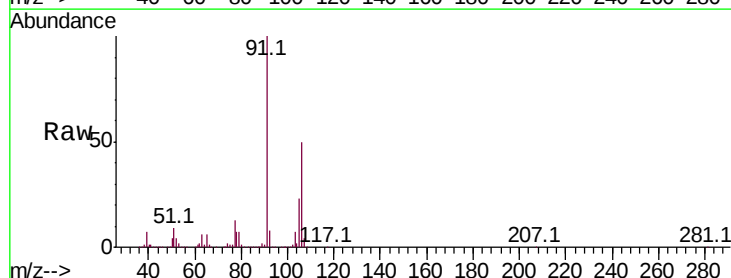
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

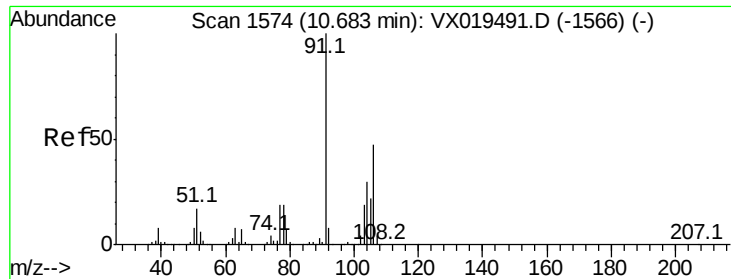
Tot Ion: 91 Resp: 736800
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0



#68
m/p-Xylenes
Concen: 104.770 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion: 106 Resp: 551189
Ion Ratio Lower Upper
106 100
91 204.1 163.3 244.9

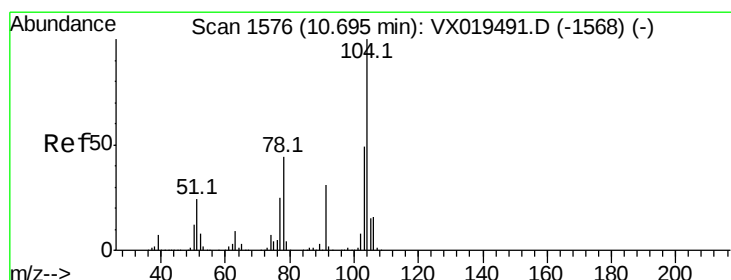
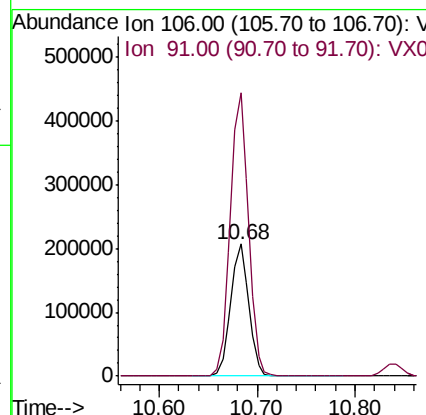
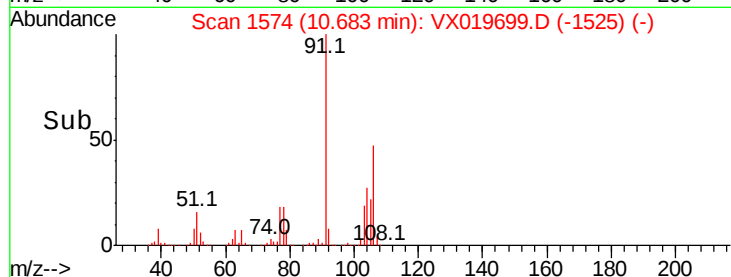
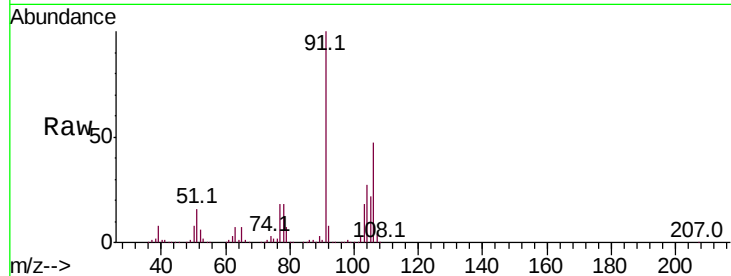




#69
o-Xylene
Concen: 52.916 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

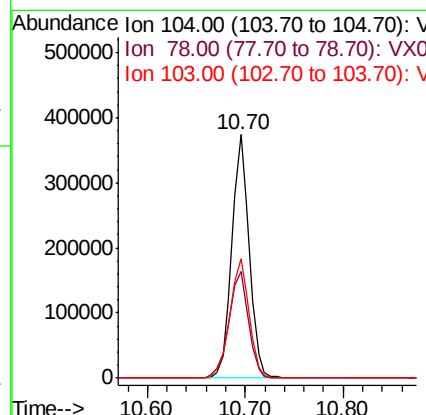
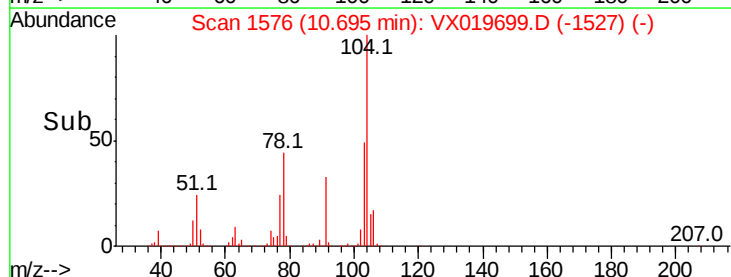
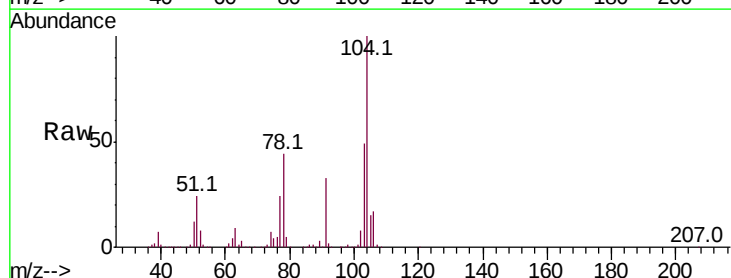
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

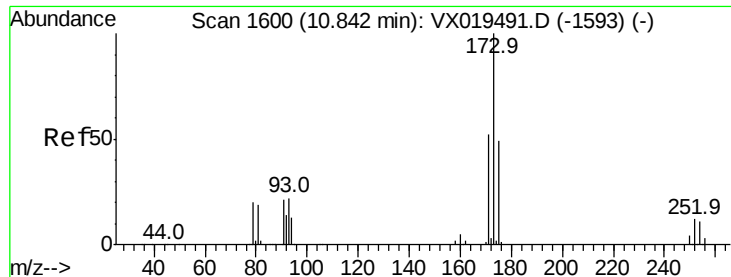
Tot Ion:106 Resp: 266120
Ion Ratio Lower Upper
106 100
91 216.0 108.0 324.0



#70
Styrene
Concen: 49.536 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion:104 Resp: 460992
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 54.3 43.6 65.4





#71

Bromoform

Concen: 48.441 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

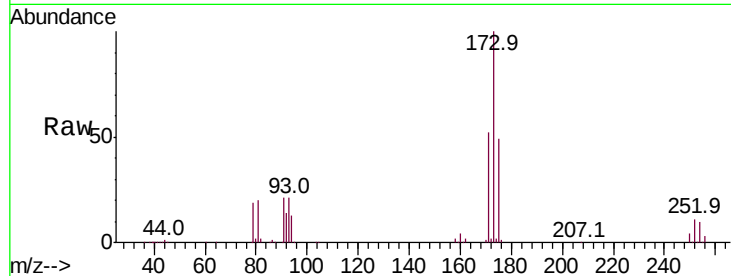
Tot Ion:173 Resp: 120011

Ion Ratio Lower Upper

173 100

175 48.1 24.9 74.8

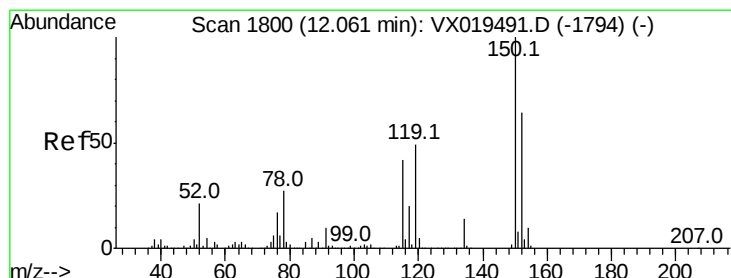
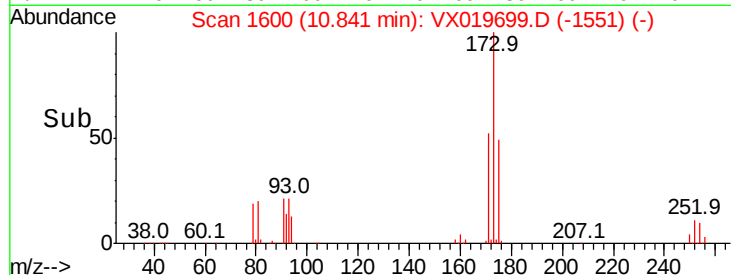
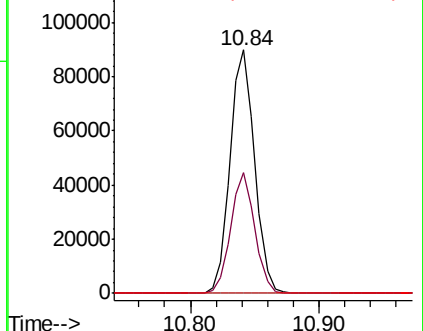
254 0.1 0.1 0.1



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: VX019699.D

Acq: 01 Dec 2020 16:44

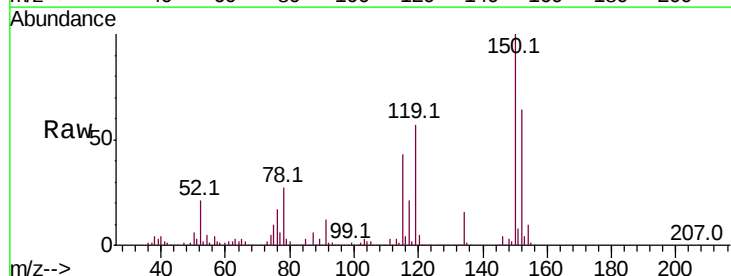
Tgt Ion:152 Resp: 199056

Ion Ratio Lower Upper

152 100

115 83.2 41.8 125.4

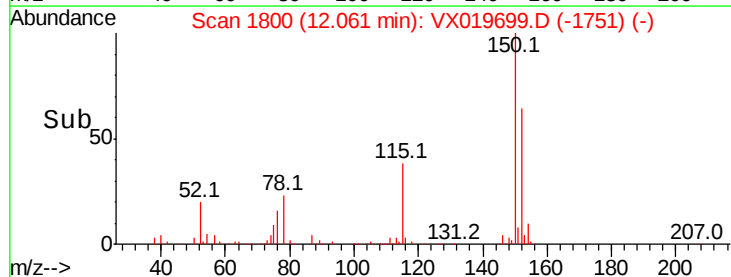
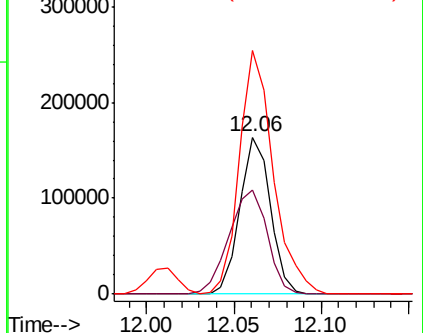
150 172.2 0.0 348.2

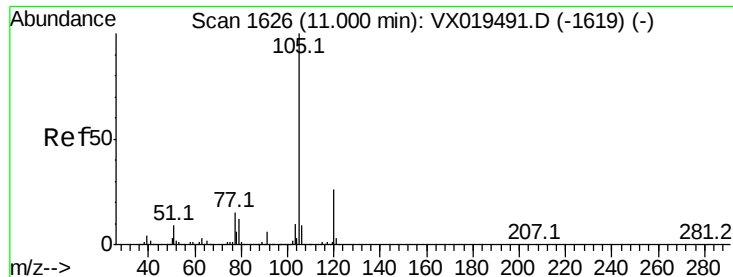


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.933 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

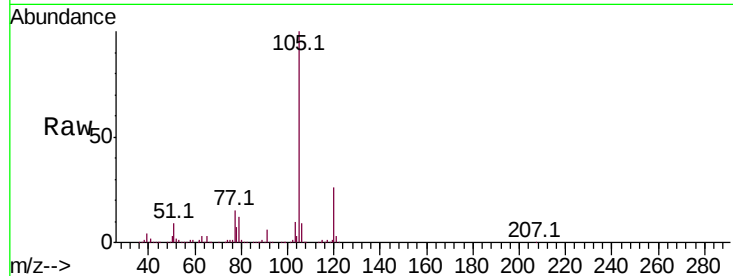
VSTDCCC050EC

Tot Ion:105 Resp: 715138

Ion Ratio Lower Upper

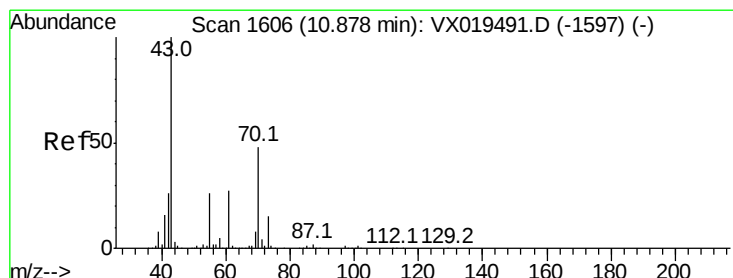
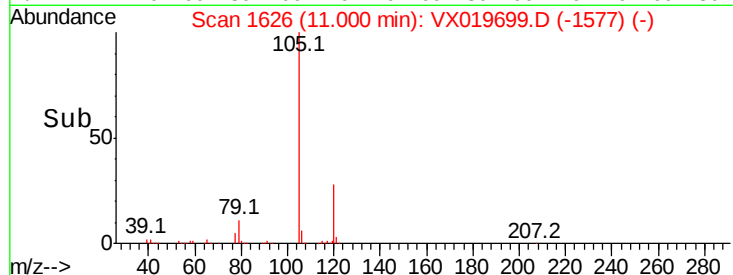
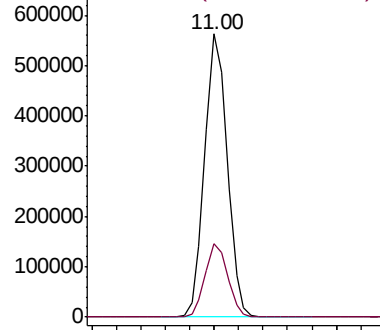
105 100

120 26.0 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.808 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Tgt Ion: 43 Resp: 293125

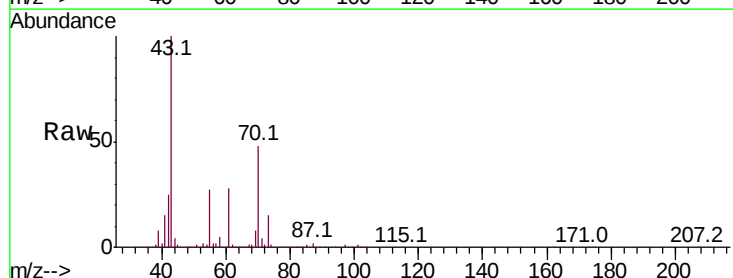
Ion Ratio Lower Upper

43 100

70 49.1 39.7 59.5

55 27.1 21.8 32.6

61 28.0 22.2 33.4

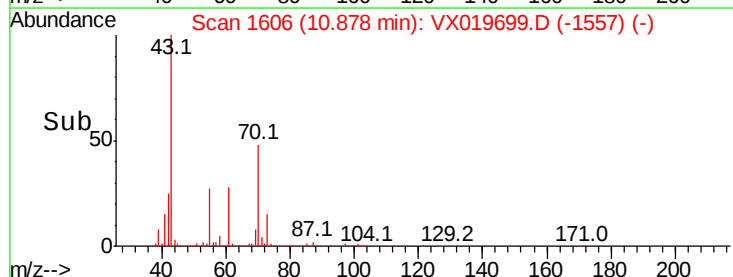
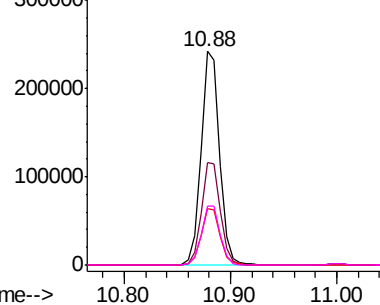


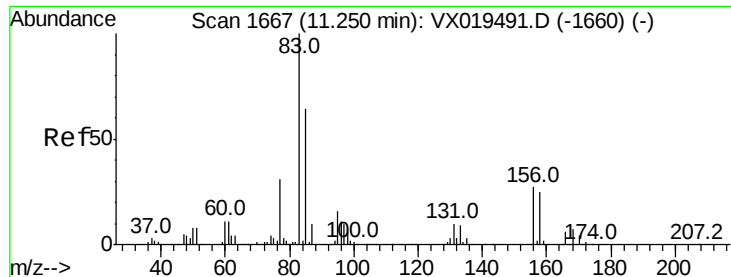
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.270 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

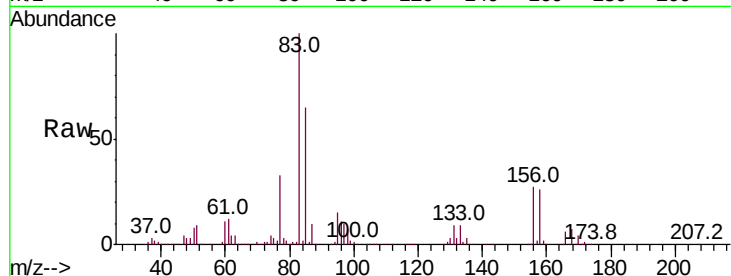
Tot Ion: 83 Resp: 257399

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

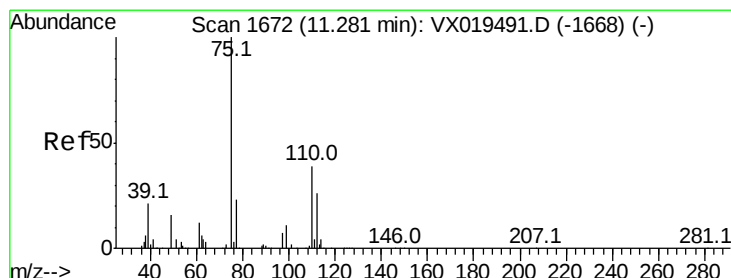
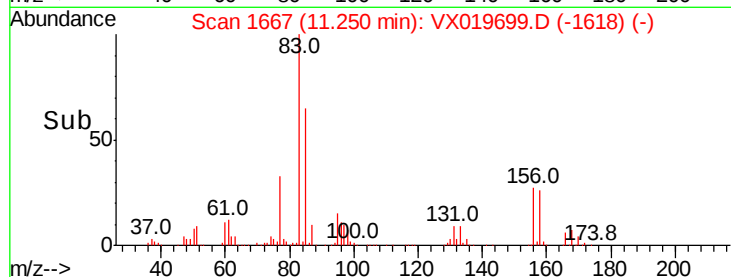
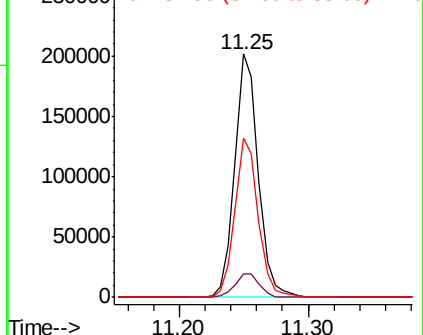
85 65.2 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.816 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019699.D

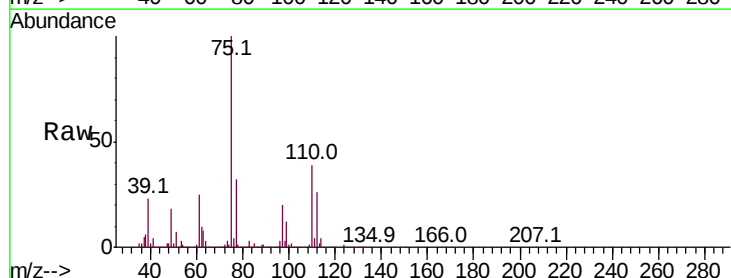
Acq: 01 Dec 2020 16:44

Tgt Ion: 75 Resp: 285908

Ion Ratio Lower Upper

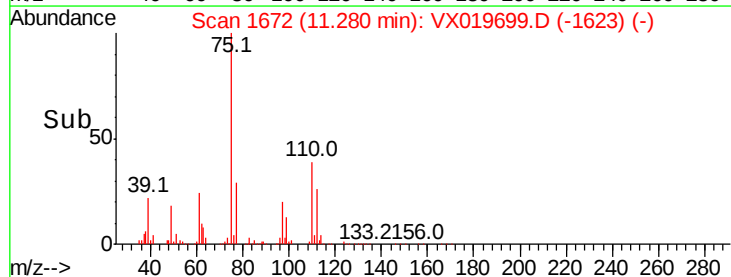
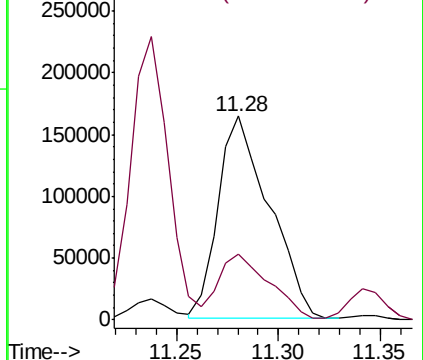
75 100

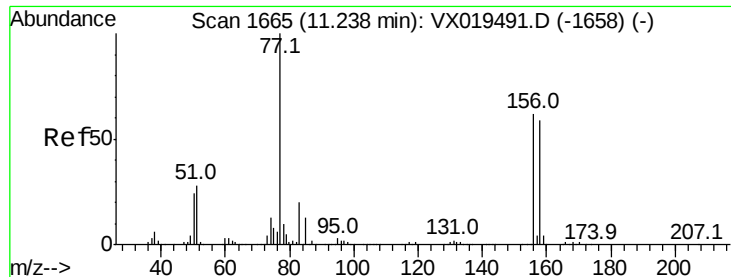
77 32.4 20.0 60.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.258 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

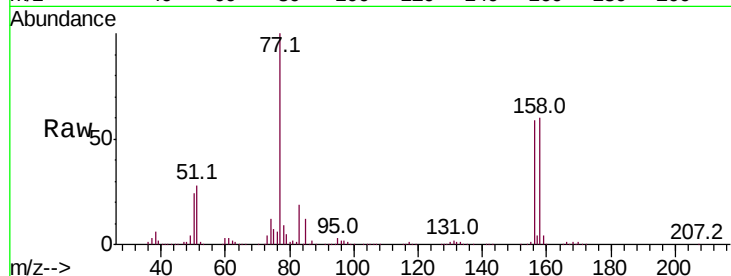
Tot Ion:156 Resp: 176673

Ion Ratio Lower Upper

156 100

77 167.0 82.5 247.3

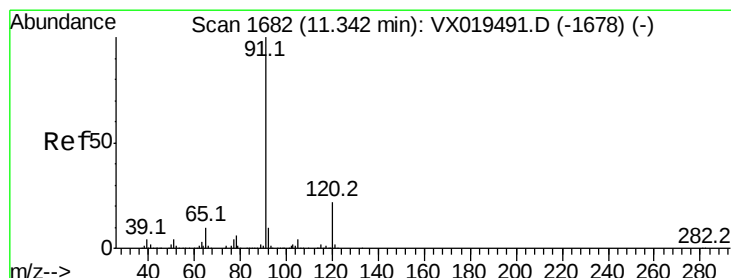
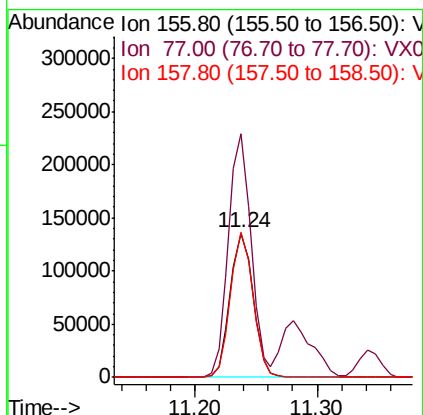
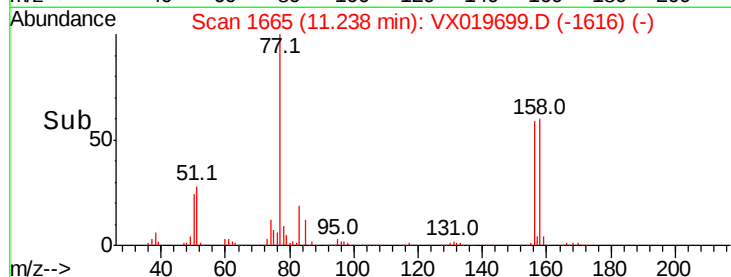
158 98.2 48.9 146.7



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: 51.146 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019699.D

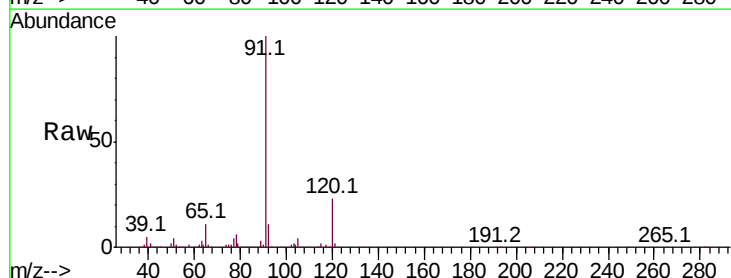
Acq: 01 Dec 2020 16:44

Tgt Ion: 91 Resp: 807963

Ion Ratio Lower Upper

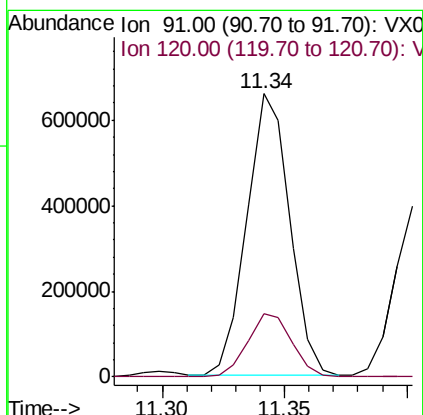
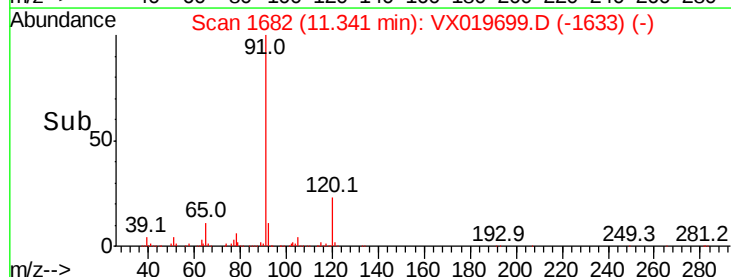
91 100

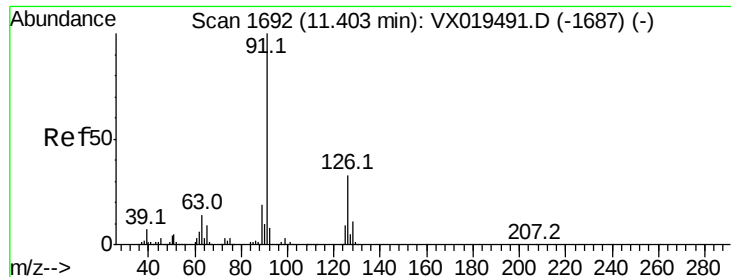
120 23.1 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.458 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

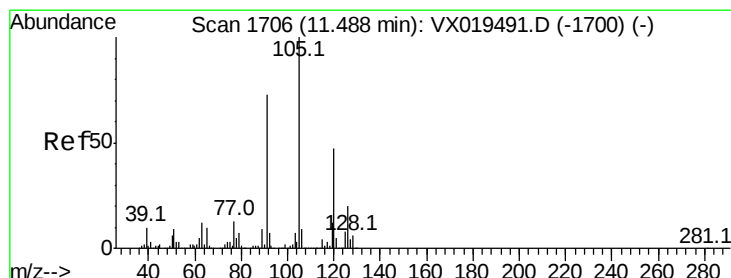
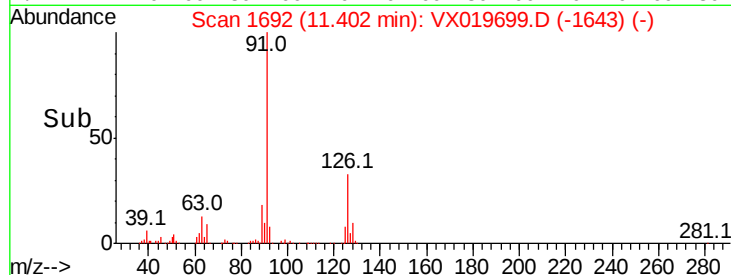
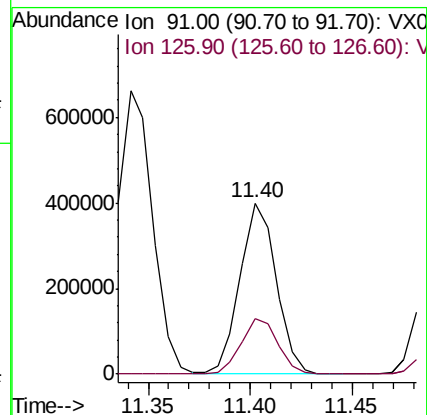
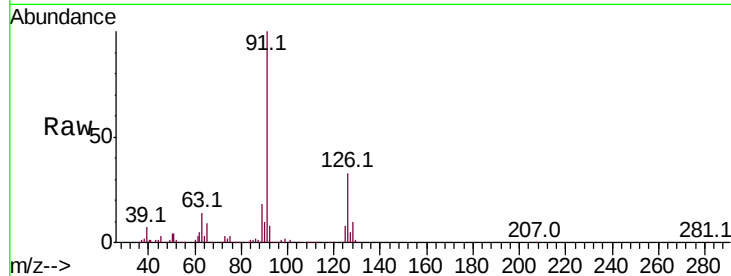
VSTDCCC050EC

Tot Ion: 91 Resp: 492985

Ion Ratio Lower Upper

91 100

126 33.2 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 51.920 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX019699.D

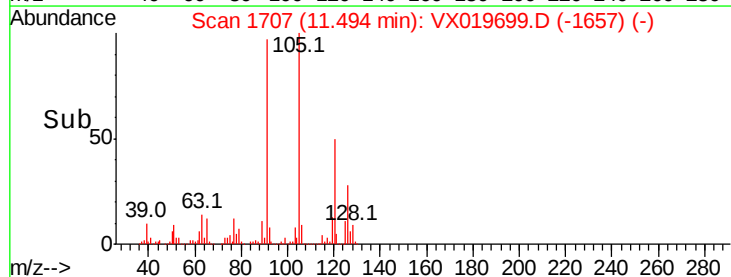
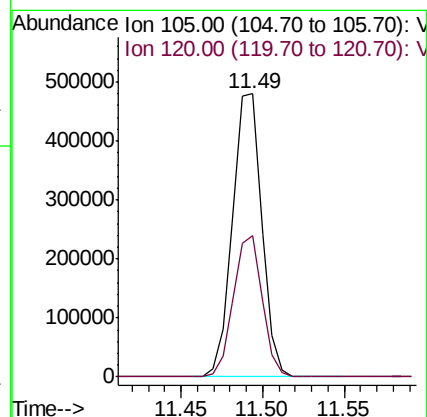
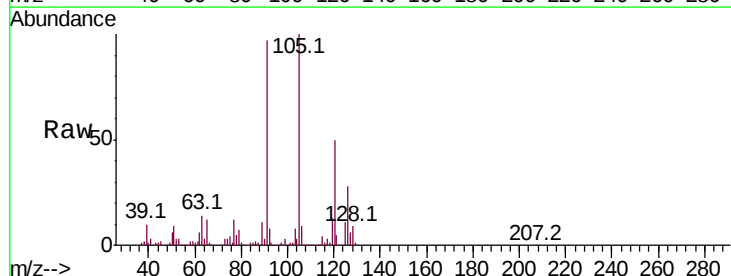
Acq: 01 Dec 2020 16:44

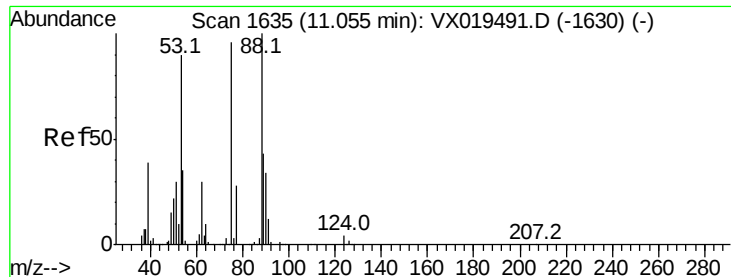
Tgt Ion: 105 Resp: 599758

Ion Ratio Lower Upper

105 100

120 49.3 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 49.897 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

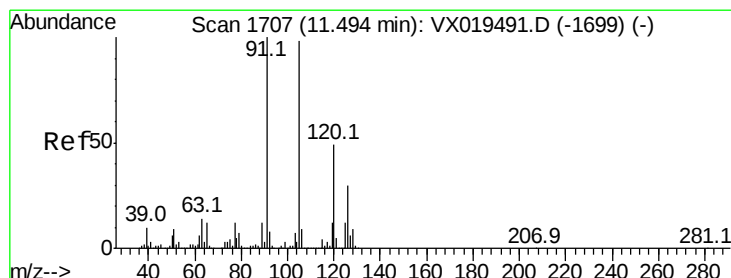
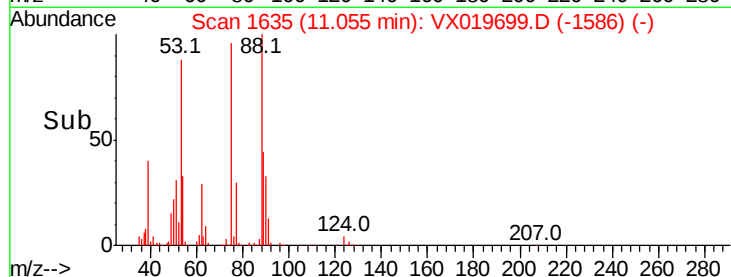
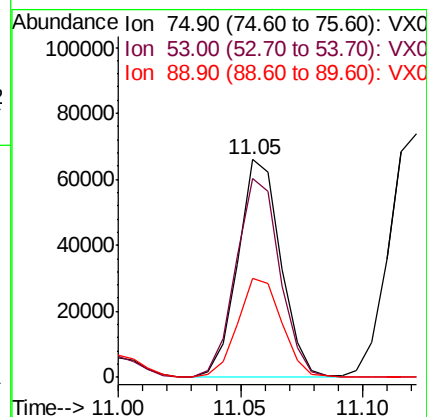
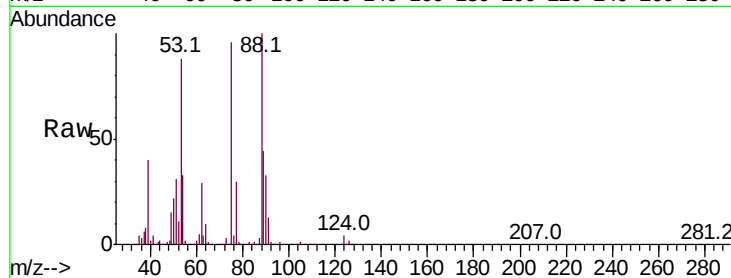
Tot Ion: 75 Resp: 80238

Ion Ratio Lower Upper

75 100

53 93.8 73.9 110.9

89 47.2 37.3 55.9



#82

4-Chlorotoluene

Concen: 51.114 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019699.D

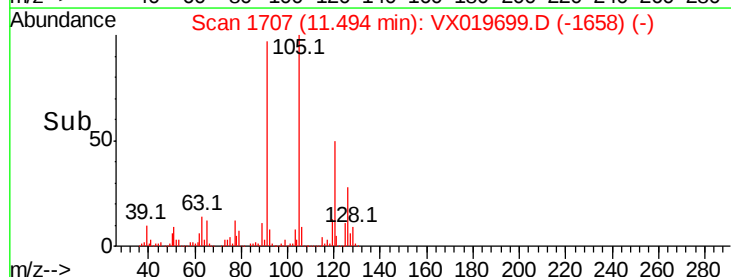
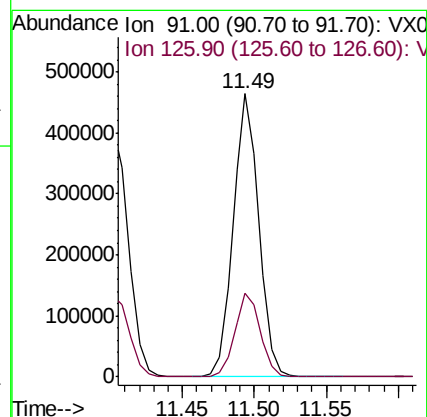
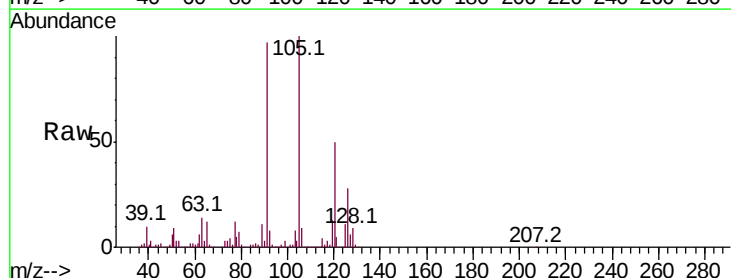
Acq: 01 Dec 2020 16:44

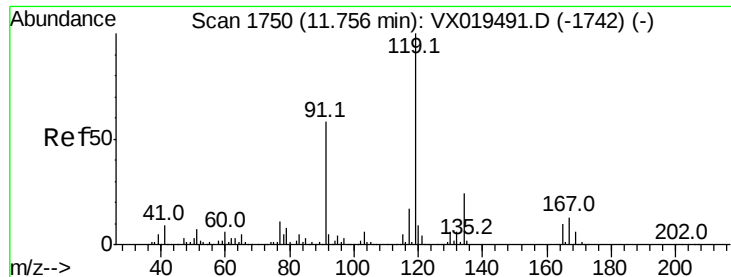
Tgt Ion: 91 Resp: 576467

Ion Ratio Lower Upper

91 100

126 29.5 14.9 44.7

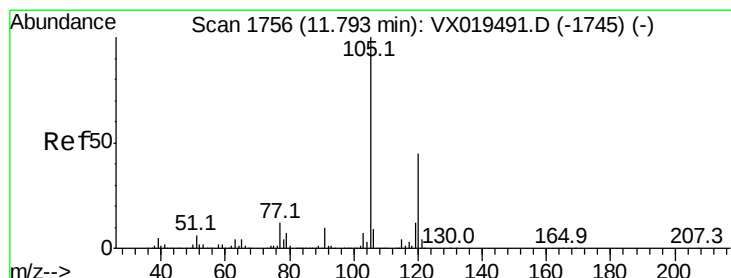
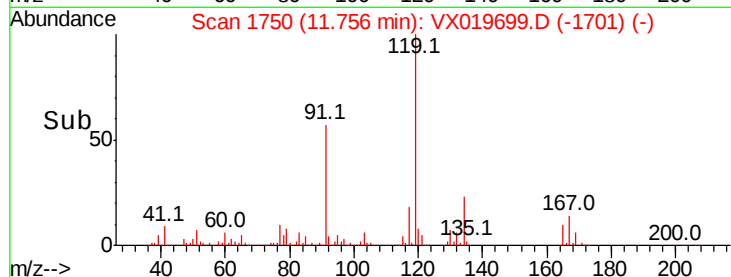
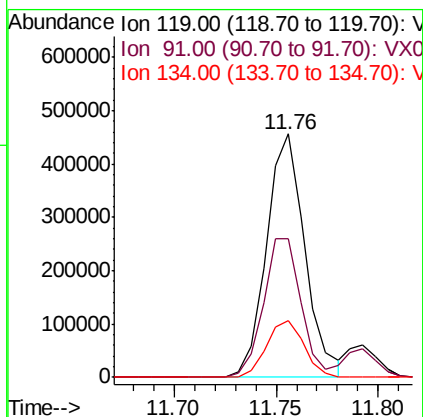
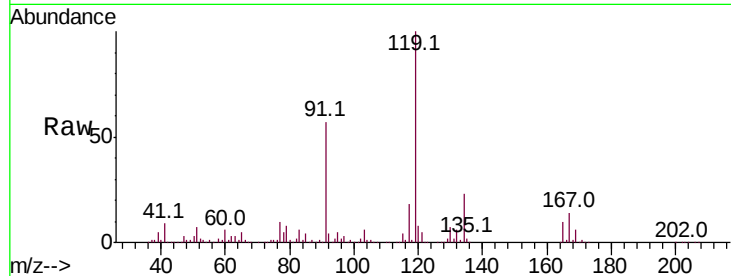




#83
tert-Butylbenzene
Concen: 53.439 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

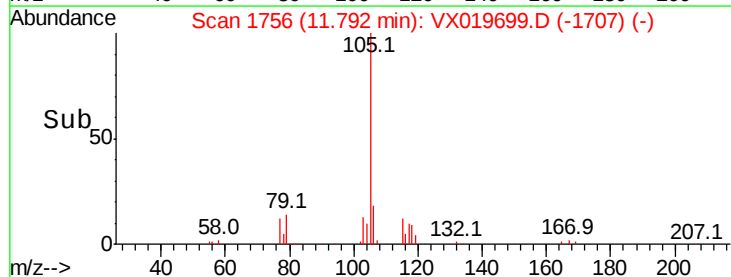
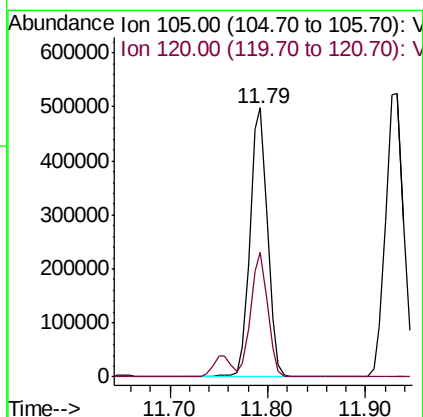
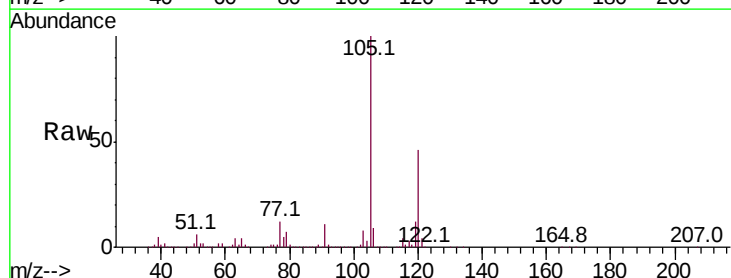
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

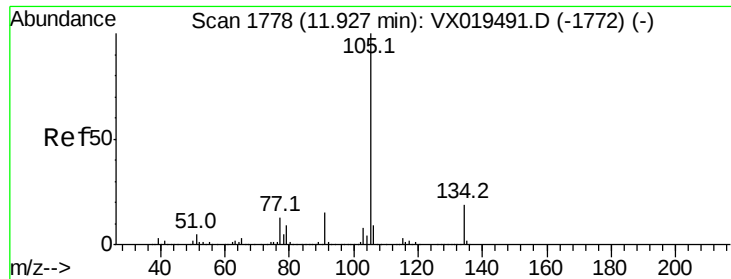
Tot Ion:119 Resp: 597209
Ion Ratio Lower Upper
119 100
91 55.9 28.9 86.8
134 23.0 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 52.720 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion:105 Resp: 616193
Ion Ratio Lower Upper
105 100
120 44.9 22.2 66.6

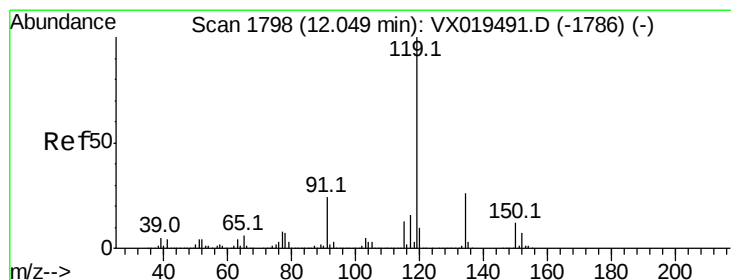
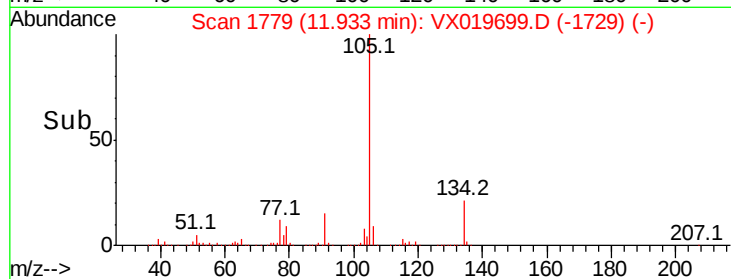
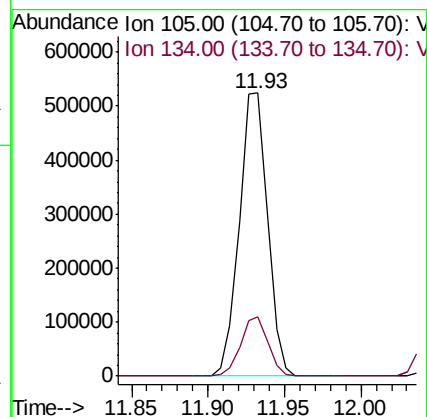
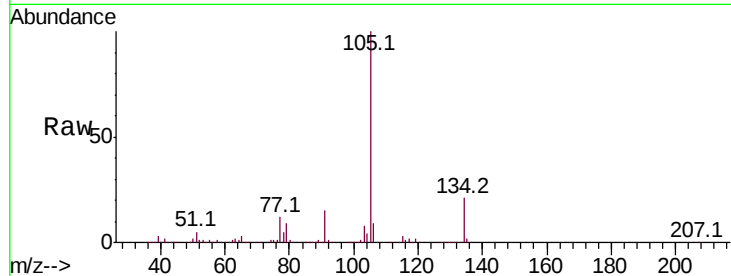




#85
 sec-Butylbenzene
 Concen: 50.576 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

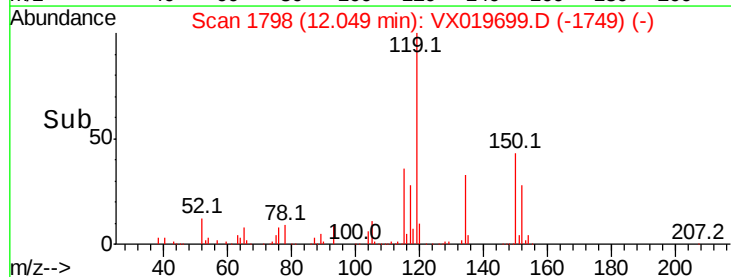
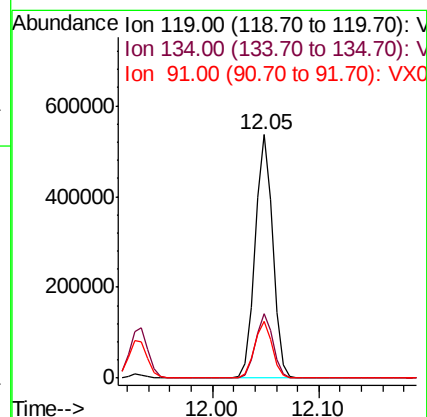
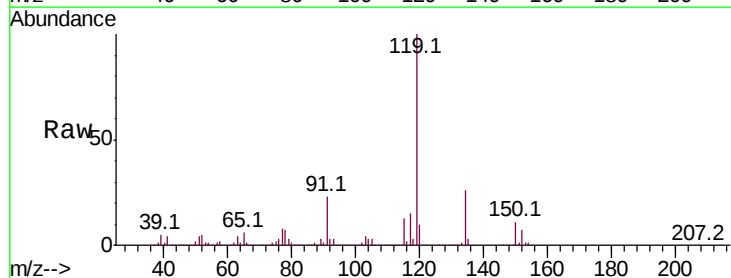
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

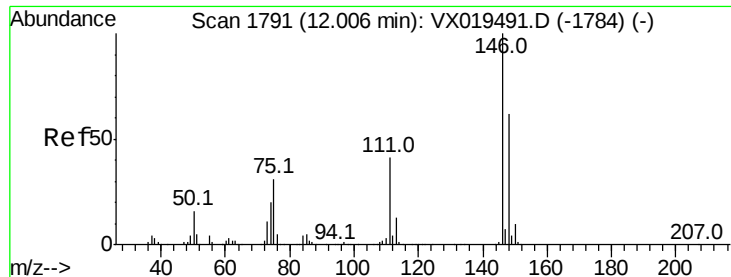
Tot Ion:105 Resp: 672416
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 51.608 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Tgt Ion:119 Resp: 622955
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 23.5 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 50.022 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

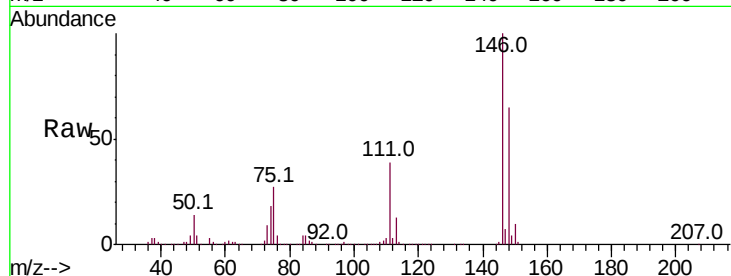
Tot Ion:146 Resp: 322935

Ion Ratio Lower Upper

146 100

111 41.0 20.2 60.6

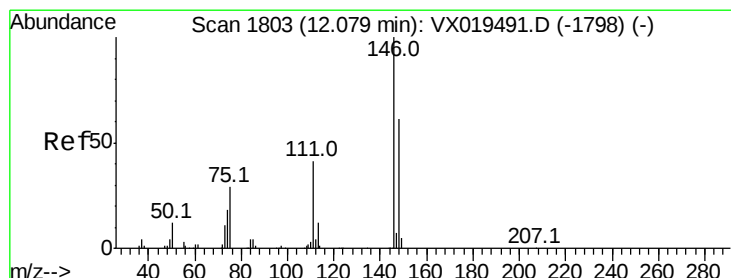
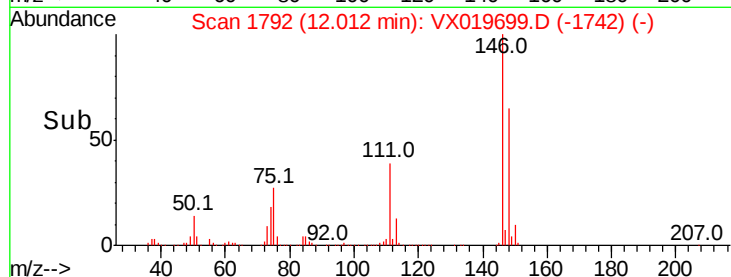
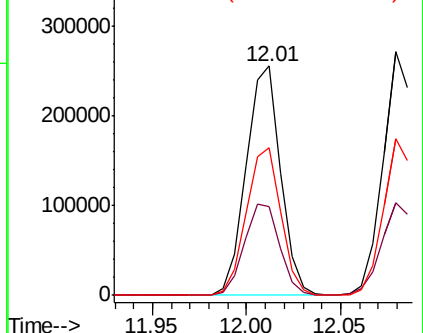
148 64.9 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.025 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019699.D

Acq: 01 Dec 2020 16:44

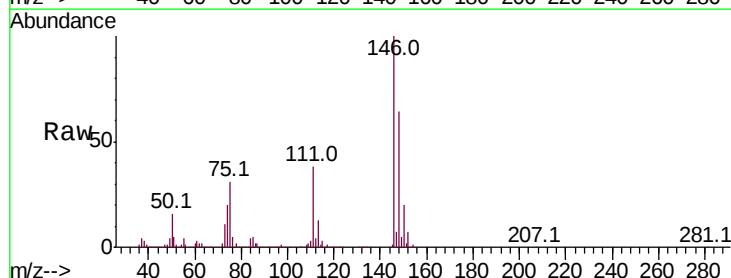
Tgt Ion:146 Resp: 326011

Ion Ratio Lower Upper

146 100

111 39.6 19.9 59.6

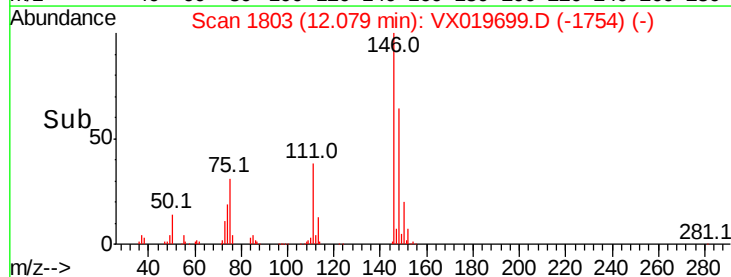
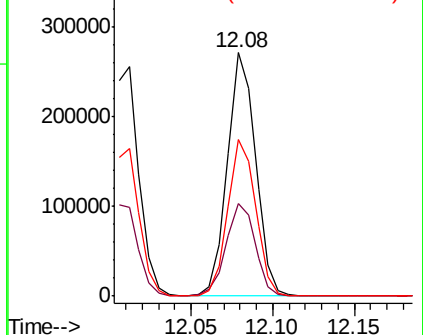
148 64.2 31.7 95.1

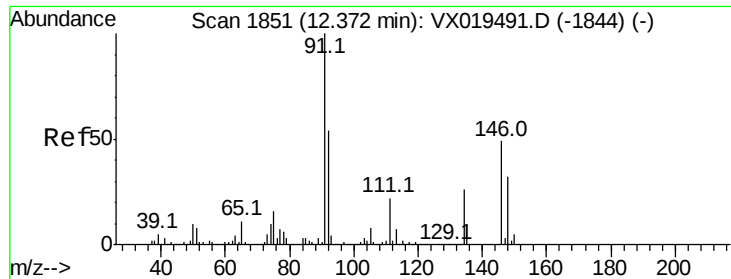


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

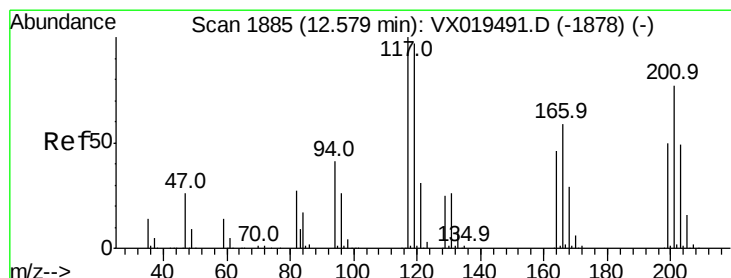
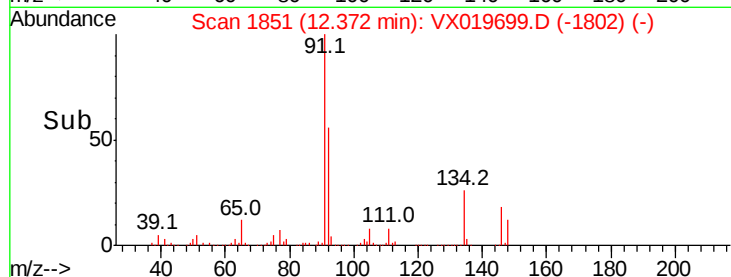
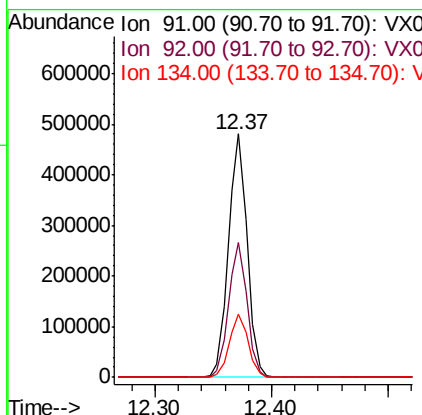
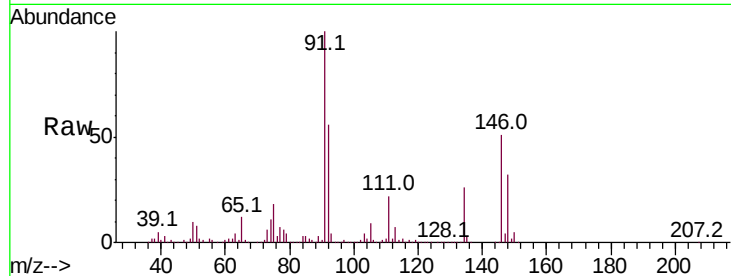




#89
n-Butylbenzene
Concen: 48.945 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

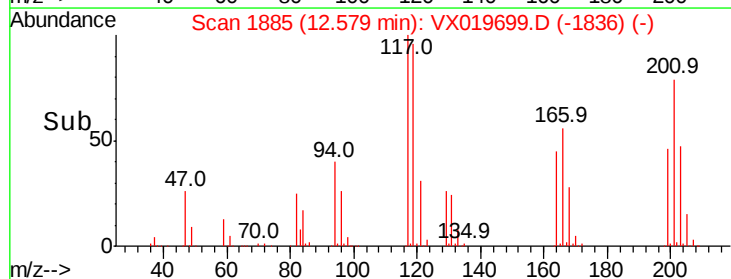
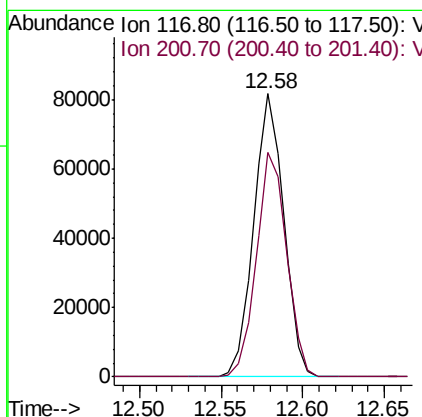
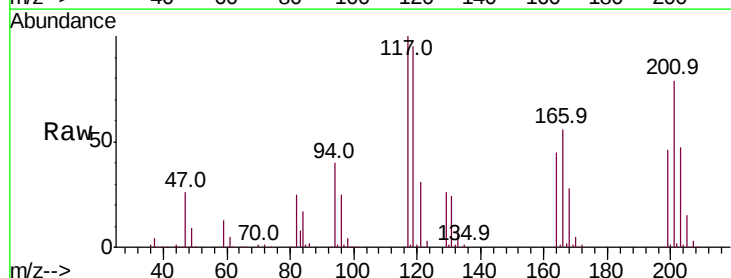
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

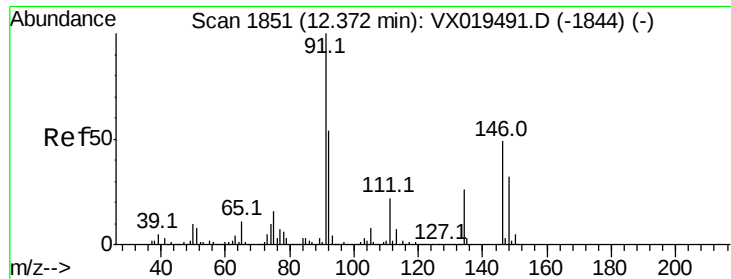
Tot Ion: 91 Resp: 534124
Ion Ratio Lower Upper
91 100
92 54.8 26.9 80.6
134 25.9 12.9 38.6



#90
Hexachloroethane
Concen: 51.975 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion: 117 Resp: 104983
Ion Ratio Lower Upper
117 100
201 79.8 39.4 118.2

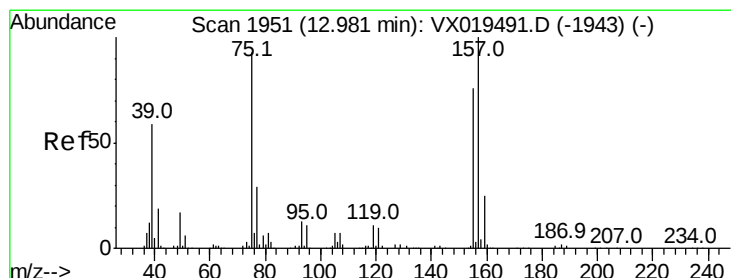
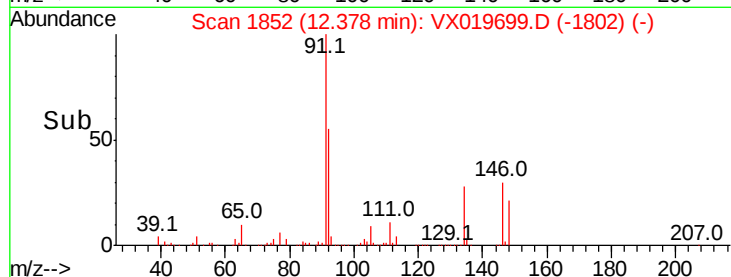
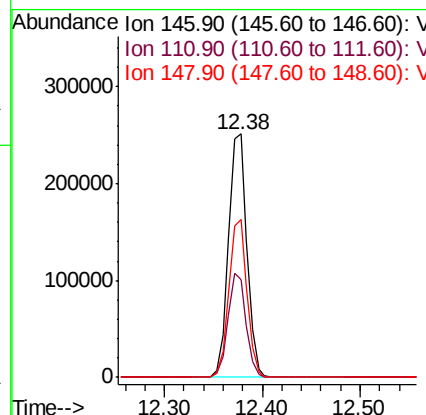
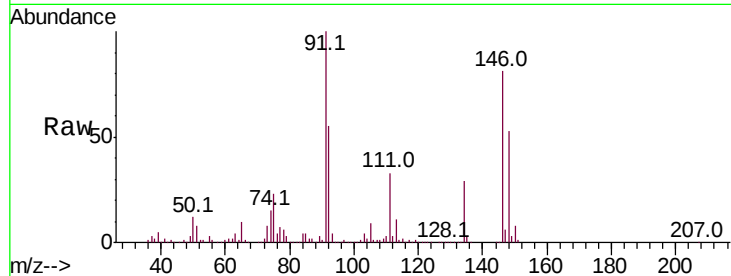




#91
1,2-Dichlorobenzene
Concen: 50.539 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.01 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

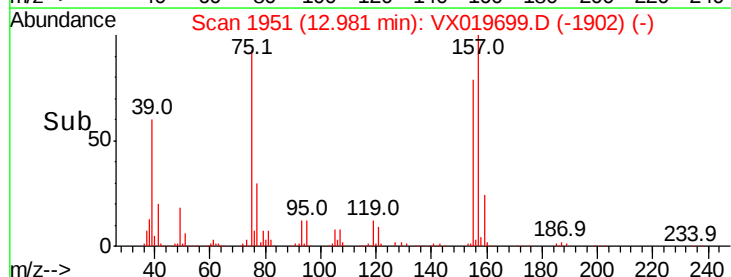
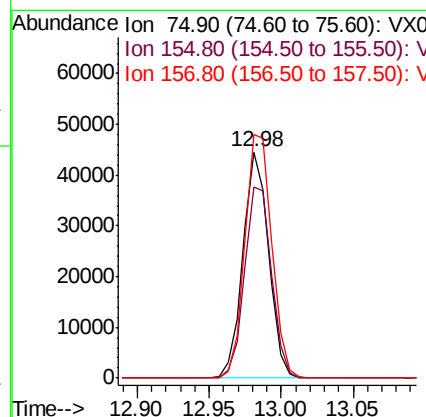
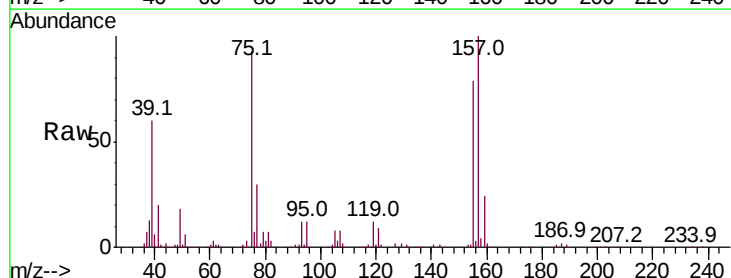
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

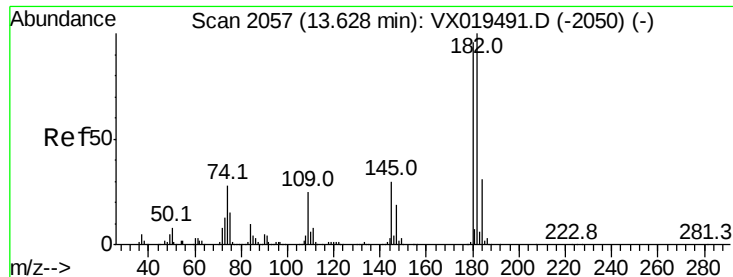
Tot Ion:146 Resp: 327696
Ion Ratio Lower Upper
146 100
111 41.6 21.1 63.3
148 63.5 32.4 97.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.954 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion: 75 Resp: 55208
Ion Ratio Lower Upper
75 100
155 88.4 43.6 130.9
157 112.5 57.0 170.8

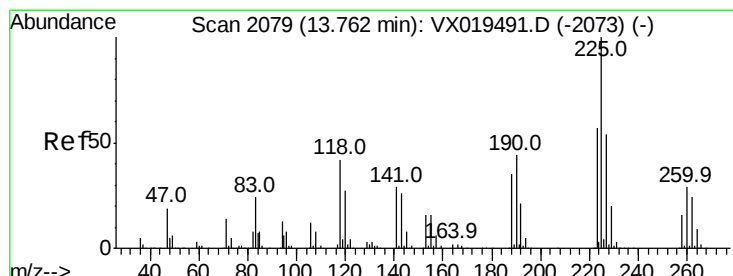
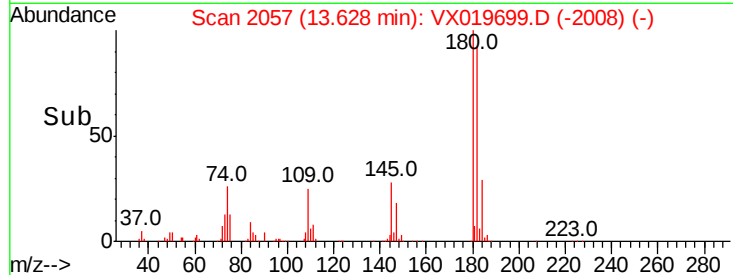
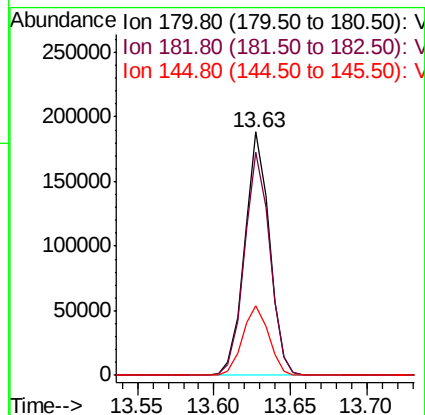
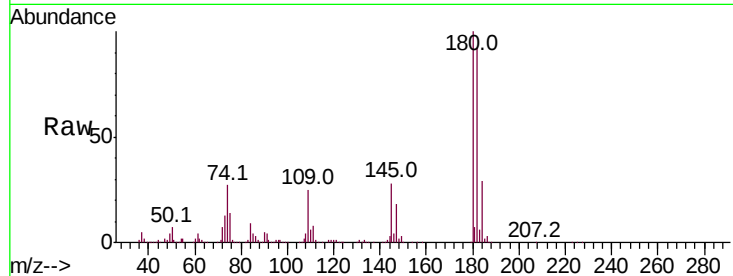




#93
 1,2,4-Trichlorobenzene
 Concen: 50.652 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

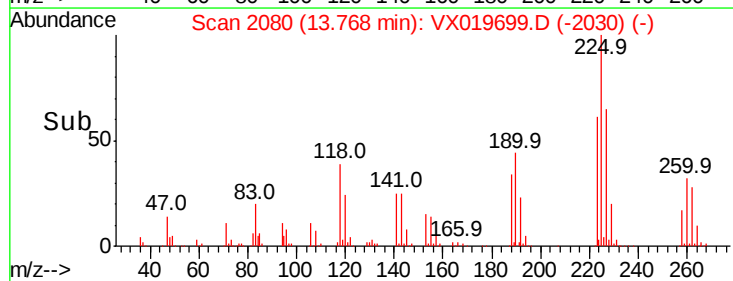
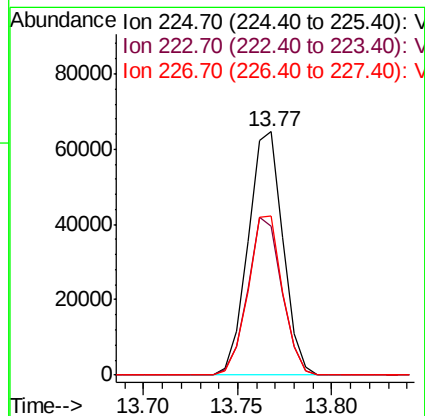
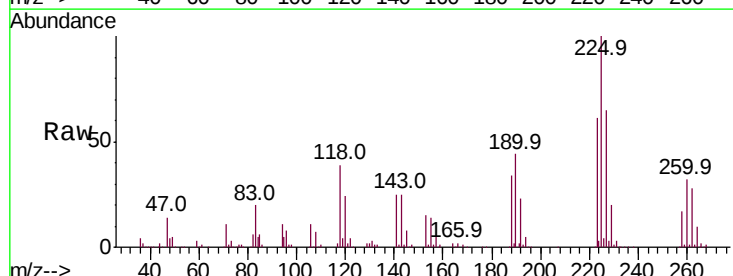
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

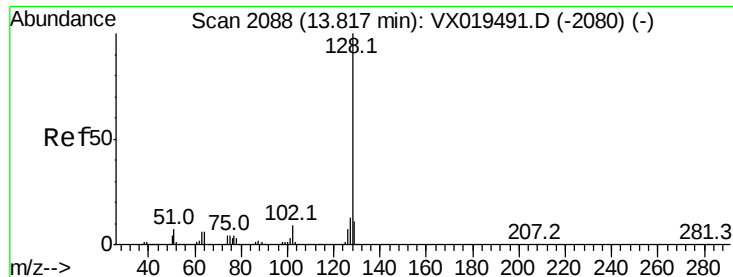
Tot Ion:	180	Resp:	210857
Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.6	145.9
145	30.2	15.9	47.7



#94
 Hexachlorobutadiene
 Concen: 43.617 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX019699.D
 Acq: 01 Dec 2020 16:44

Tgt Ion:	225	Resp:	82714
Ion	Ratio	Lower	Upper
225	100		
223	63.5	32.5	97.5
227	64.7	32.8	98.3

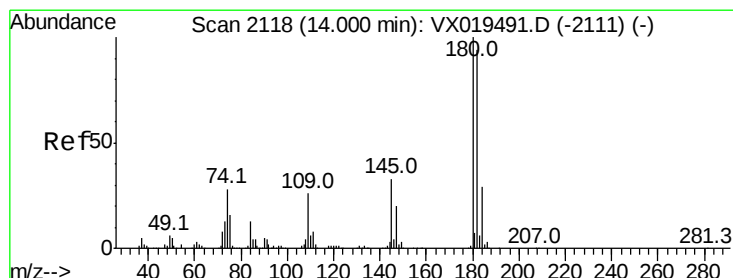
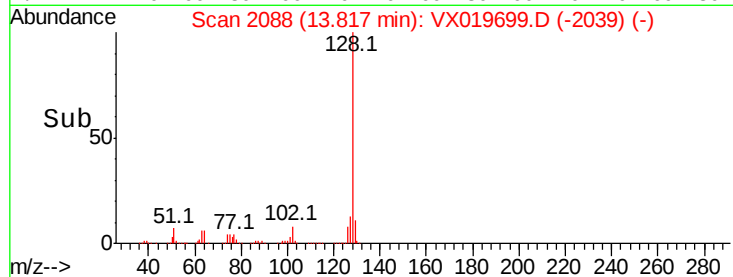
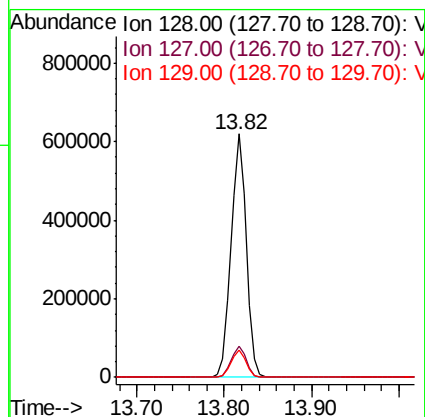
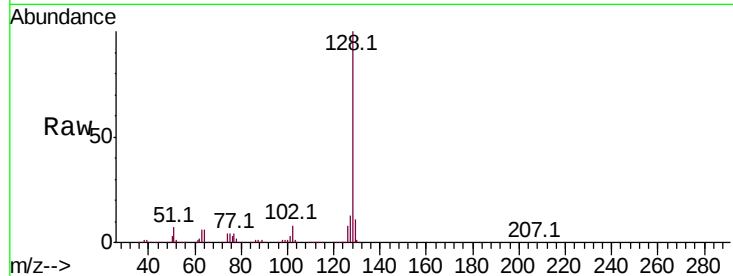




#95
Naphthalene
Concen: 50.941 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 748563
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.142 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019699.D
Acq: 01 Dec 2020 16:44

Tgt Ion:180 Resp: 212953
Ion Ratio Lower Upper
180 100
182 94.0 48.1 144.3
145 33.0 16.6 49.8

