

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019720.D
 Acq On : 04 Dec 2020 16:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 05 03:46:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	345970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	555745	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	517922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	262899	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	211636	46.54	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.08%
35) Dibromofluoromethane	5.46	113	175366	48.83	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.66%
50) Toluene-d8	8.70	98	683148	49.82	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.64%
62) 4-Bromofluorobenzene	11.12	95	263944	50.57	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.14%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	165633	52.291	ug/l 98
3) Chloromethane	1.31	50	176638	47.418	ug/l 98
4) Vinyl Chloride	1.39	62	196985	50.151	ug/l 100
5) Bromomethane	1.62	94	65916	50.541	ug/l 99
6) Chloroethane	1.70	64	121756	51.602	ug/l 99
7) Trichlorofluoromethane	1.91	101	270504	49.451	ug/l 98
8) Diethyl Ether	2.17	74	113641	49.024	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	161588	51.537	ug/l 99
10) Methyl Iodide	2.49	142	231544	50.101	ug/l 100
11) Tert butyl alcohol	3.01	59	230012	246.011	ug/l 99
12) 1,1-Dichloroethene	2.36	96	159824	50.420	ug/l 98
13) Acrolein	2.27	56	113697	226.529	ug/l 100
14) Allyl chloride	2.70	41	265859	49.660	ug/l 100
15) Acrylonitrile	3.11	53	509757	247.984	ug/l 100
16) Acetone	2.42	43	415199	242.931	ug/l 99
17) Carbon Disulfide	2.54	76	439931	48.369	ug/l 100
18) Methyl Acetate	2.75	43	208607	49.877	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	583913	50.582	ug/l 100
20) Methylene Chloride	2.83	84	202538	51.964	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	184236	49.853	ug/l 100
22) Diisopropyl ether	3.82	45	548040	50.631	ug/l 98
23) Vinyl Acetate	3.78	43	2354906	255.366	ug/l 100
24) 1,1-Dichloroethane	3.67	63	323555	49.570	ug/l 100
25) 2-Butanone	4.63	43	651704	248.150	ug/l 100
26) 2,2-Dichloropropane	4.54	77	282596	50.274	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	213630	49.397	ug/l 99
28) Bromochloromethane	4.98	49	153512	49.335	ug/l 100
29) Tetrahydrofuran	5.08	42	418246	247.182	ug/l 100
30) Chloroform	5.17	83	332933	49.606	ug/l 99
31) Cyclohexane	5.54	56	285655	50.503	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	288487	49.913	ug/l 100
36) 1,1-Dichloropropene	5.76	75	252181	50.216	ug/l 100
37) Ethyl Acetate	4.79	43	251975	49.695	ug/l 99
38) Carbon Tetrachloride	5.75	117	249854	50.807	ug/l 99

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Quant Time: Dec 05 03:46:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	302467	51.264	ug/l	98
40) Benzene	6.11	78	764863	49.859	ug/l	100
41) Methacrylonitrile	5.00	41	137105	49.249	ug/l	98
42) 1,2-Dichloroethane	6.16	62	264063	50.381	ug/l	100
43) Isopropyl Acetate	6.41	43	411842	49.960	ug/l	100
44) Trichloroethene	7.18	130	201203	49.989	ug/l	100
45) 1,2-Dichloropropane	7.49	63	193000	50.339	ug/l	98
46) Dibromomethane	7.63	93	130335	50.339	ug/l	99
47) Bromodichloromethane	7.87	83	262347	51.063	ug/l	100
48) Methyl methacrylate	7.74	41	204639	50.475	ug/l	100
49) 1,4-Dioxane	7.71	88	100837	1026.720	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1290007	256.313	ug/l	100
52) Toluene	8.76	92	486170	50.672	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	296061	51.929	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	323233	52.186	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	193540	50.056	ug/l	99
56) Ethyl methacrylate	9.16	69	309616	52.928	ug/l	98
57) 1,3-Dichloropropane	9.35	76	329569	49.919	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	795766	256.782	ug/l	99
59) 2-Hexanone	9.47	43	1016001	260.434	ug/l	100
60) Dibromochloromethane	9.56	129	205310	52.265	ug/l	99
61) 1,2-Dibromoethane	9.65	107	208100	50.686	ug/l	98
64) Tetrachloroethene	9.32	164	171922	49.498	ug/l	97
65) Chlorobenzene	10.12	112	516802	50.085	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	187241	50.416	ug/l	98
67) Ethyl Benzene	10.23	91	938753	51.254	ug/l	100
68) m/p-Xylenes	10.34	106	710157	102.897	ug/l	99
69) o-Xylene	10.68	106	338003	50.912	ug/l	99
70) Styrene	10.70	104	588177	52.488	ug/l	100
71) Bromoform	10.84	173	149918	51.313	ug/l #	96
73) Isopropylbenzene	11.00	105	898345	50.016	ug/l	99
74) N-amyl acetate	10.88	43	372789	51.792	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	315545	49.830	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	365493	61.986	ug/l	89
77) Bromobenzene	11.24	156	227522	49.499	ug/l	99
78) n-propylbenzene	11.34	91	1056717	51.511	ug/l	100
79) 2-Chlorotoluene	11.40	91	640000	50.661	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	782833	51.643	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	109103	53.490	ug/l	99
82) 4-Chlorotoluene	11.49	91	752691	50.873	ug/l	99
83) tert-Butylbenzene	11.76	119	767724	51.640	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	798018	52.262	ug/l	100
85) sec-Butylbenzene	11.93	105	878707	51.768	ug/l	100
86) p-Isopropyltoluene	12.05	119	817502	52.552	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	416304	49.347	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	426905	49.684	ug/l	100
89) n-Butylbenzene	12.37	91	732864	53.174	ug/l	100
90) Hexachloroethane	12.58	117	140680	52.381	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	414742	50.432	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	68551	50.357	ug/l	97

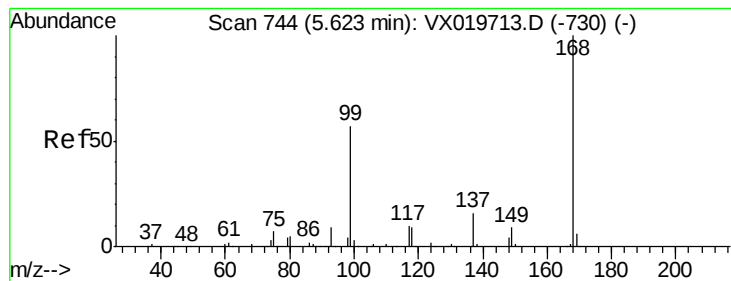
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	278884	52.095	ug/l	98
94) Hexachlorobutadiene	13.77	225	116333	48.620	ug/l	98
95) Naphthalene	13.82	128	917149	52.845	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	267211	51.075	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

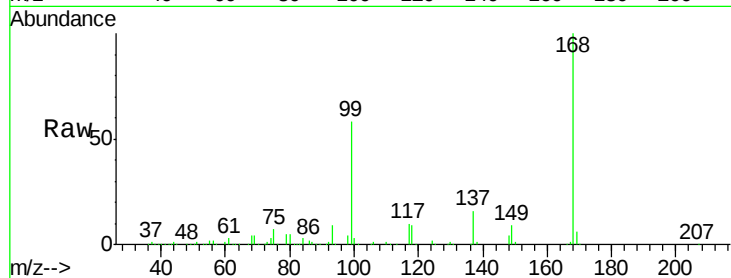
VSTDCCC050

Tot Ion:168 Resp: 345970

Ion Ratio Lower Upper

168 100

99 58.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

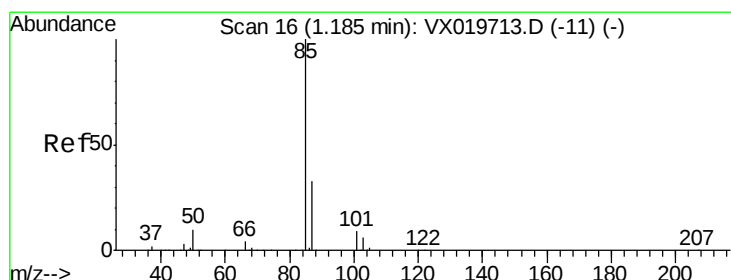
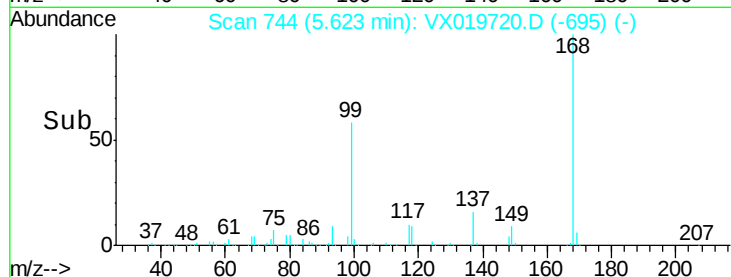
5.62

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.291 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019720.D

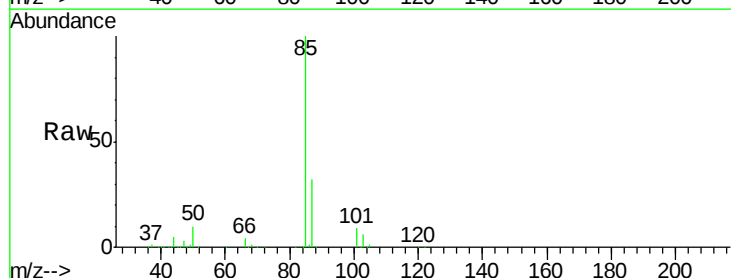
Acq: 04 Dec 2020 16:33

Tgt Ion: 85 Resp: 165633

Ion Ratio Lower Upper

85 100

87 31.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

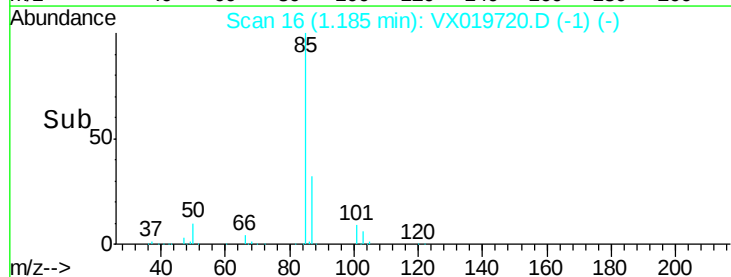
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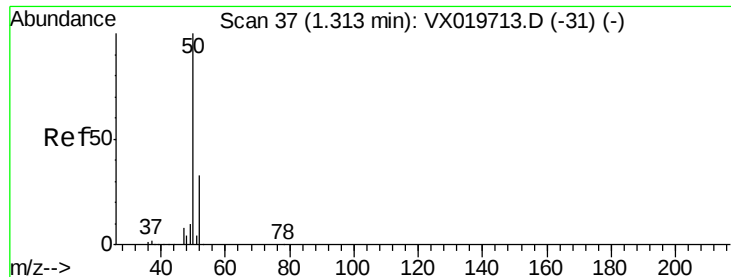
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50000

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Time-->





#3

Chloromethane

Concen: 47.418 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

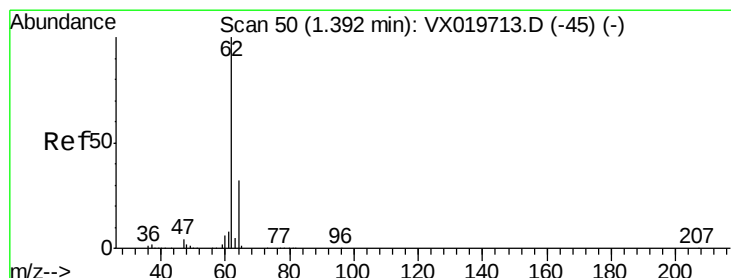
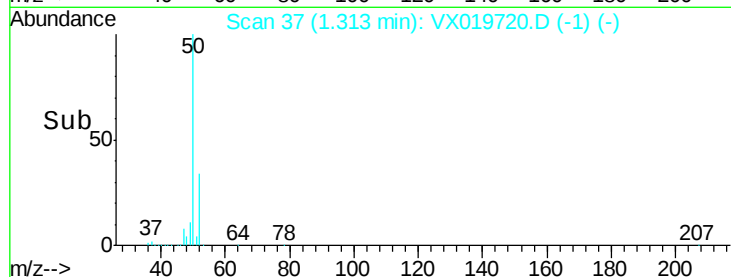
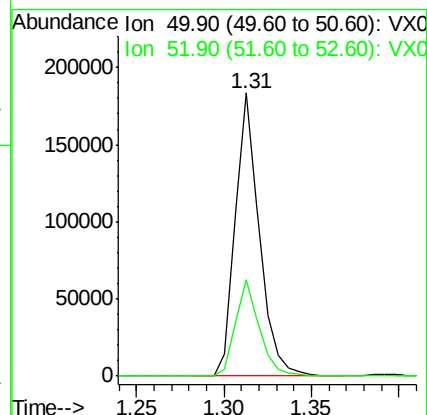
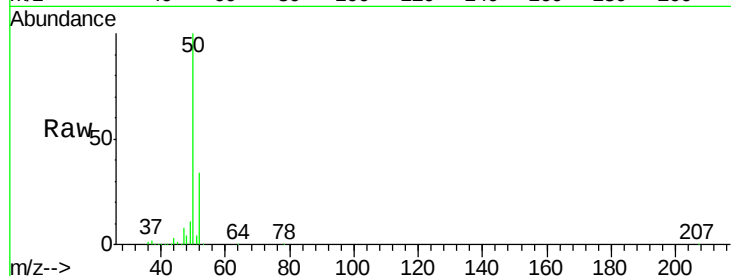
VSTDCCC050

Tot Ion: 50 Resp: 176638

Ion Ratio Lower Upper

50 100

52 33.9 26.4 39.6



#4

Vinyl Chloride

Concen: 50.151 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019720.D

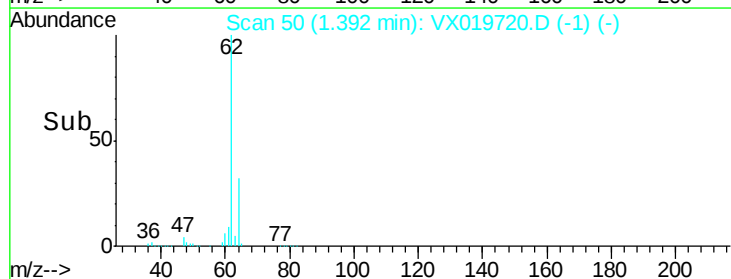
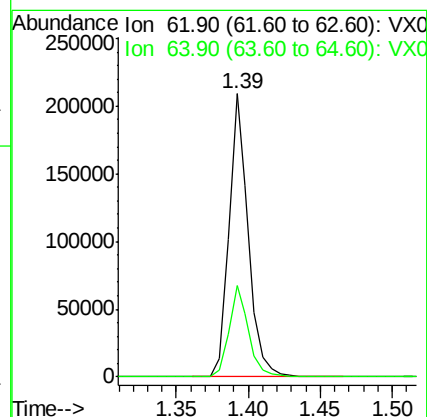
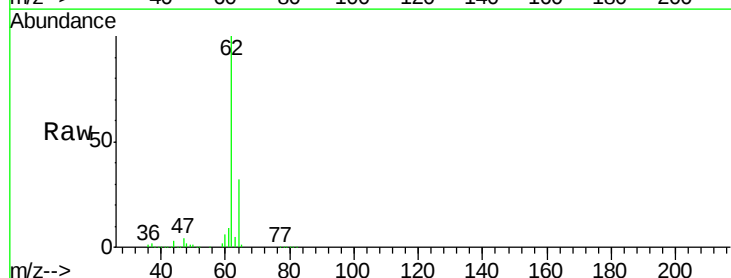
Acq: 04 Dec 2020 16:33

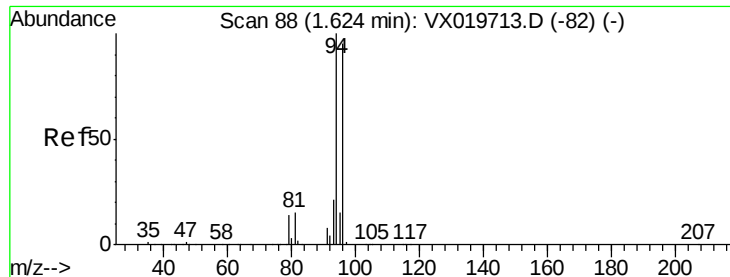
Tgt Ion: 62 Resp: 196985

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 50.541 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

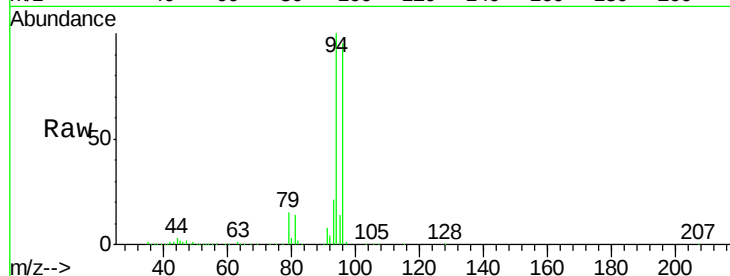
VSTDCCC050

Tot Ion: 94 Resp: 65916

Ion Ratio Lower Upper

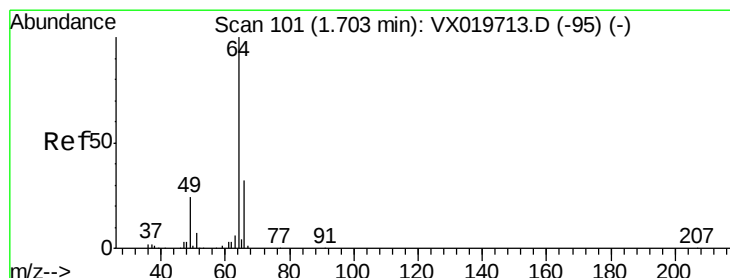
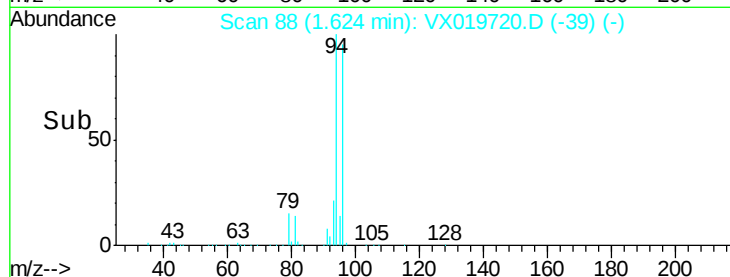
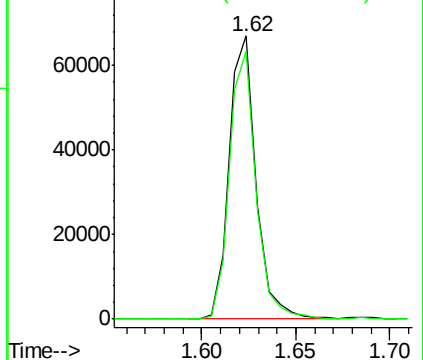
94 100

96 94.6 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.602 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX019720.D

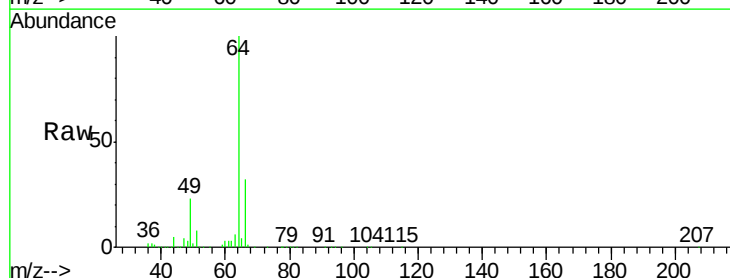
Acq: 04 Dec 2020 16:33

Tgt Ion: 64 Resp: 121756

Ion Ratio Lower Upper

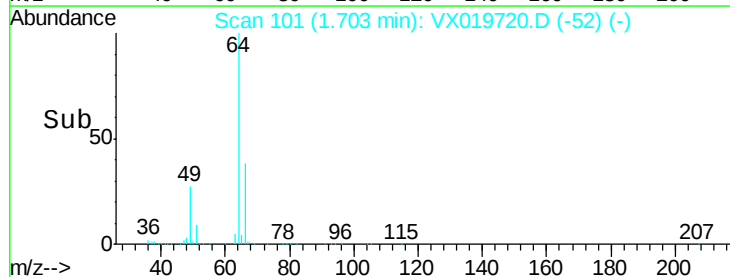
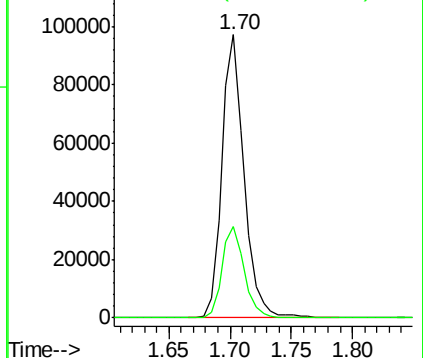
64 100

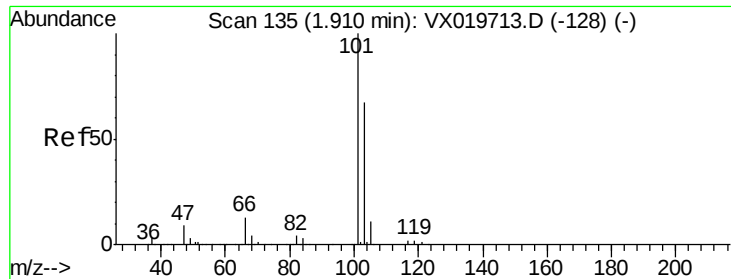
66 32.1 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



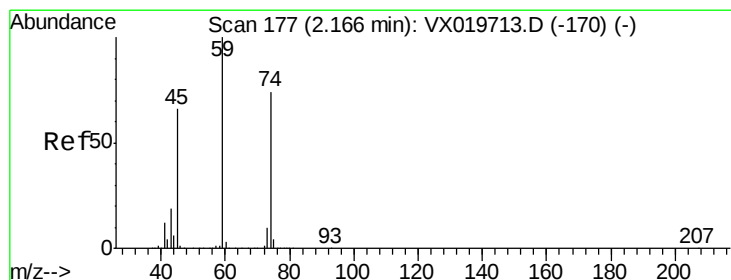
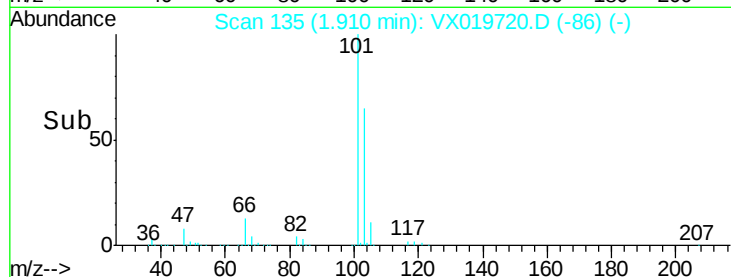
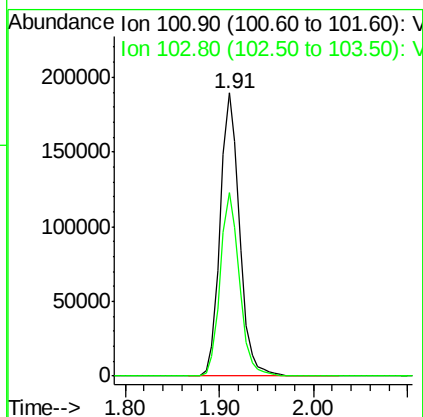
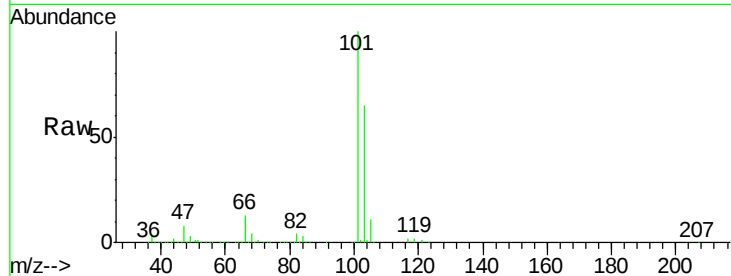


#7

Trichlorofluoromethane
Concen: 49.451 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
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ClientSampleId :
VSTDCCC050

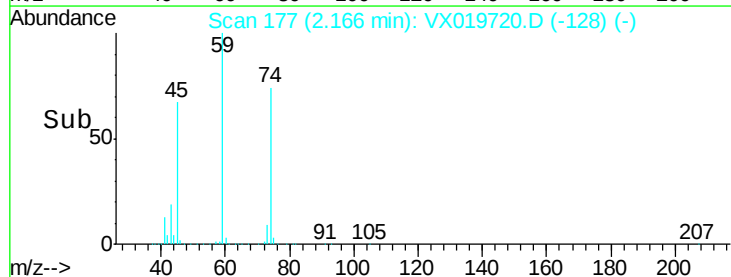
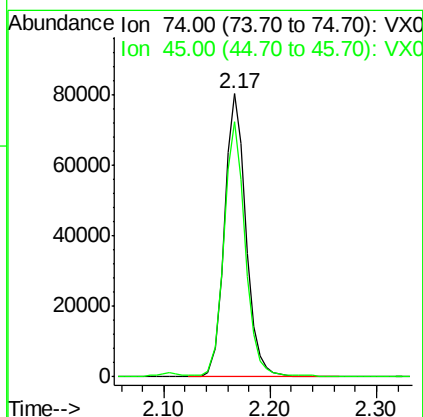
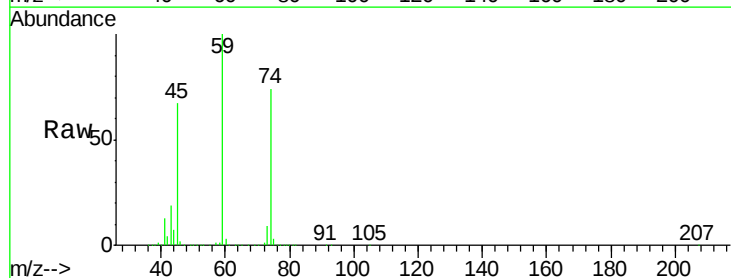
Tot Ion:101 Resp: 270504
Ion Ratio Lower Upper
101 100
103 65.1 53.2 79.8

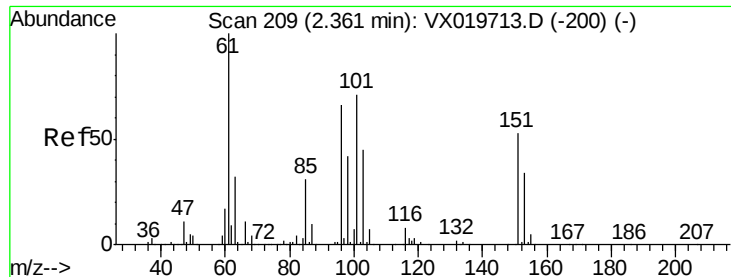


#8

Diethyl Ether
Concen: 49.024 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion: 74 Resp: 113641
Ion Ratio Lower Upper
74 100
45 89.2 44.5 133.5

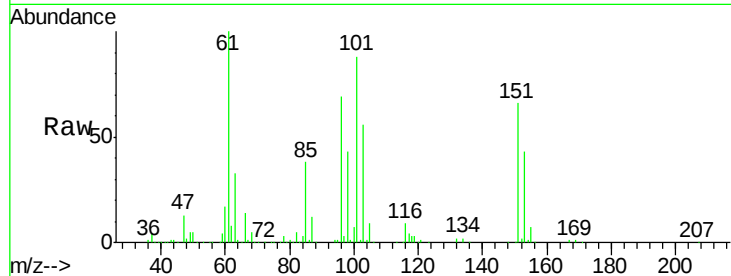




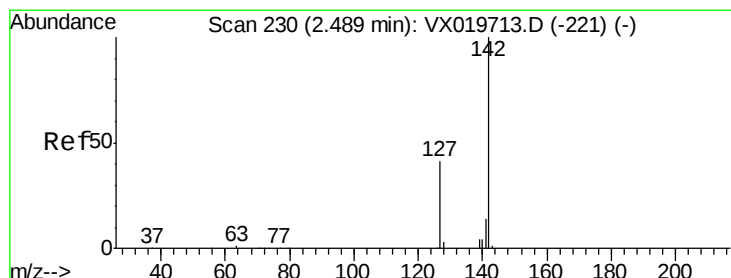
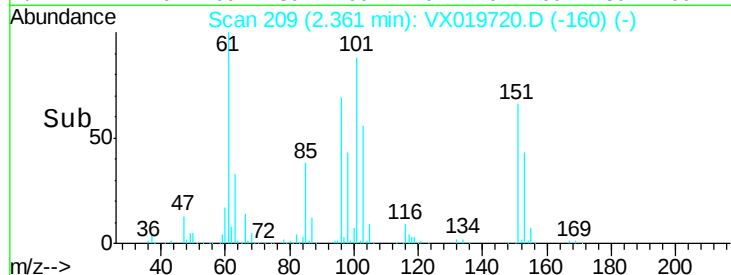
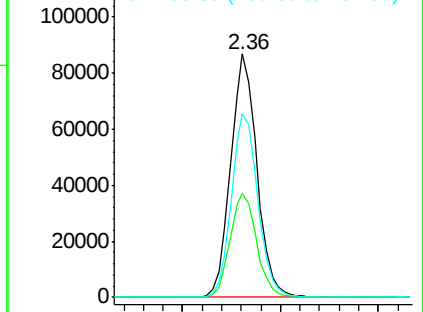
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.537 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. -0.00 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.4	34.9	52.3
151	76.1	61.4	92.2

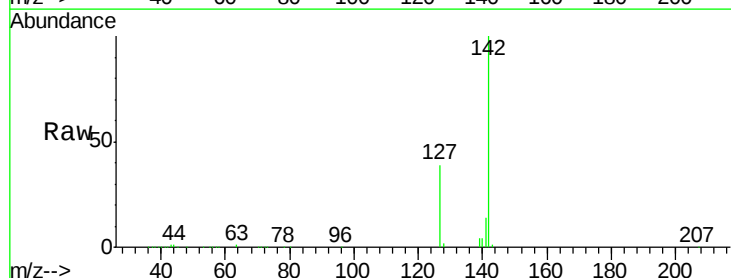


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

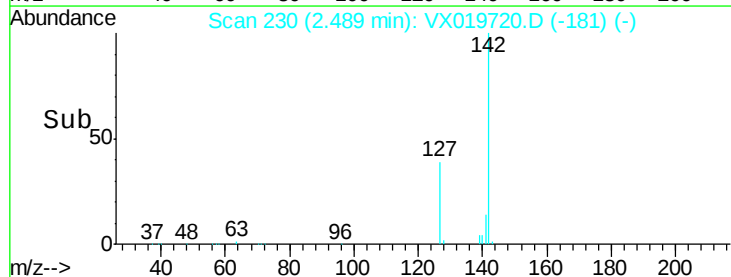
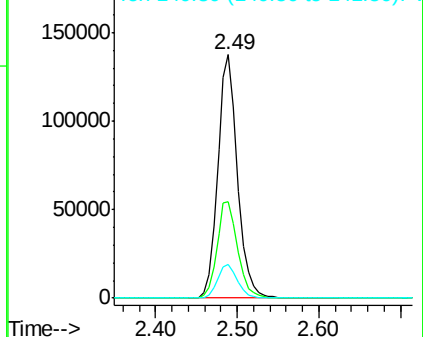


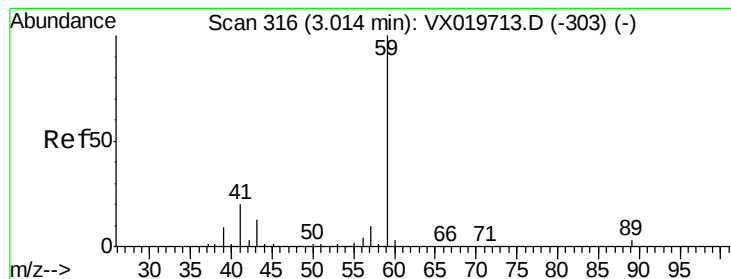
#10
 Methyl Iodide
 Concen: 50.101 ug/l
 RT: 2.49 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.5	33.3	49.9
141	14.1	11.4	17.0



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



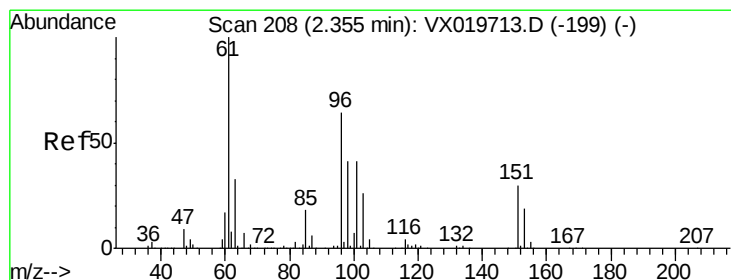
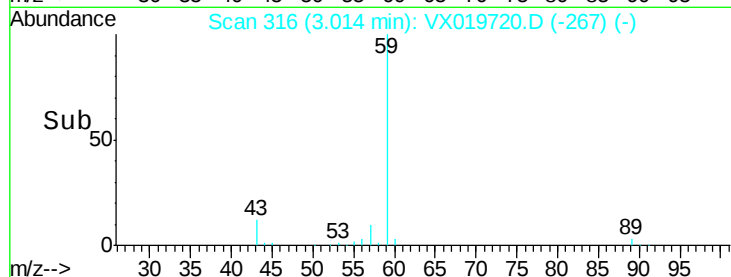
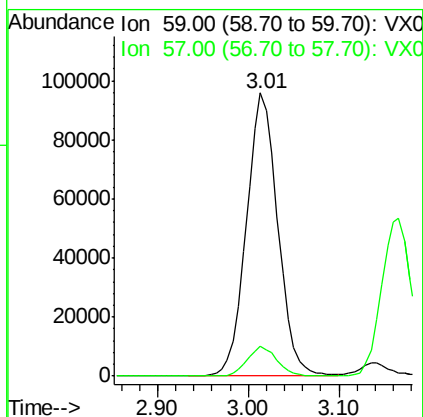
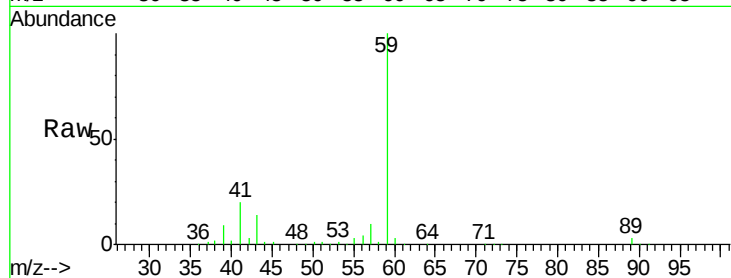


#11

Tert butyl alcohol
Concen: 246.011 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

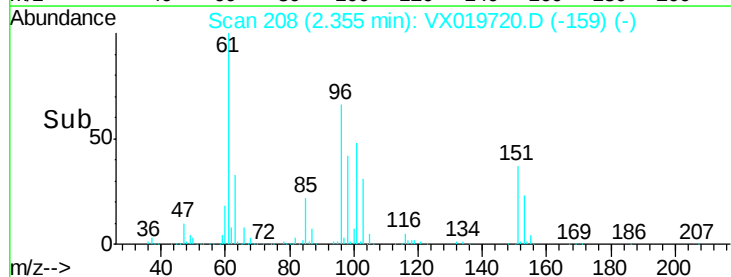
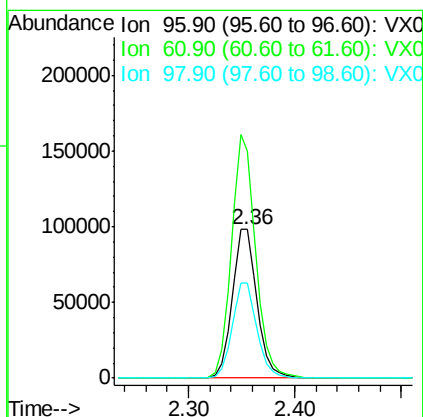
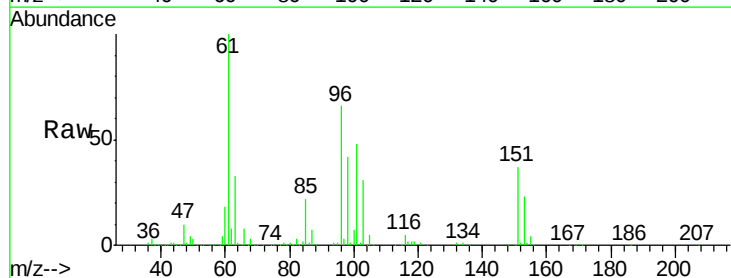
Tot Ion: 59 Resp: 230012
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8

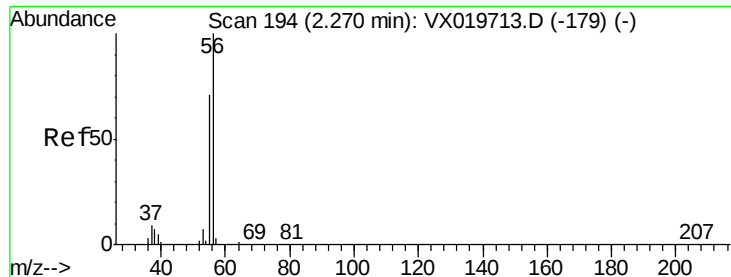


#12

1,1-Dichloroethene
Concen: 50.420 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion: 96 Resp: 159824
Ion Ratio Lower Upper
96 100
61 152.3 124.6 187.0
98 63.7 50.6 76.0





#13

Acrolein

Concen: 226.529 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

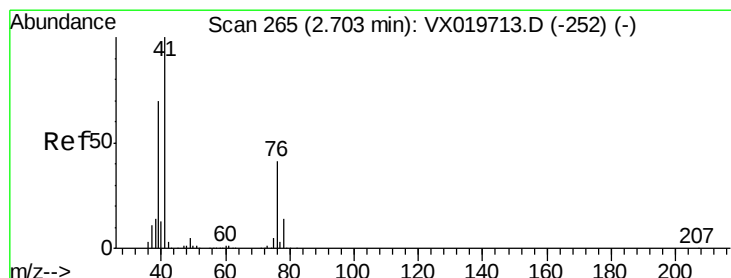
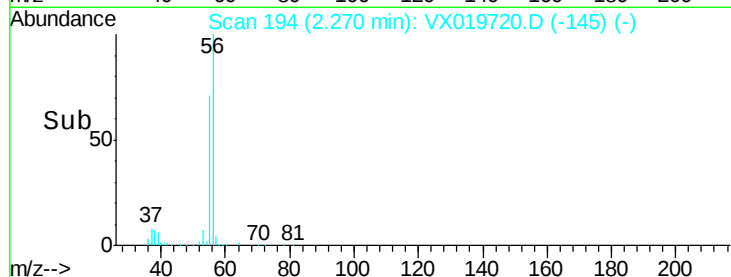
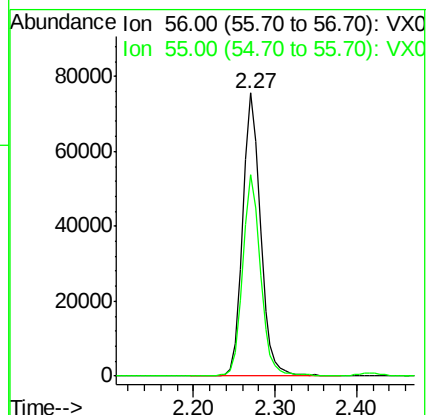
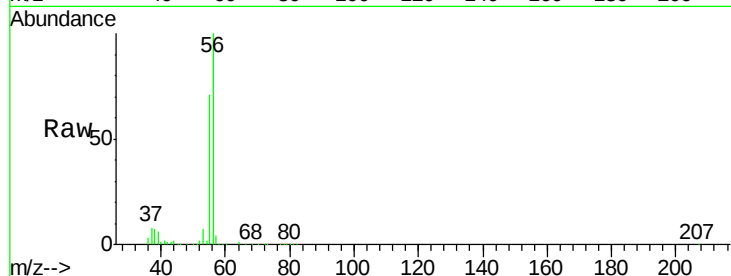
VSTDCCC050

Tot Ion: 56 Resp: 113697

Ion Ratio Lower Upper

56 100

55 70.6 56.4 84.6



#14

Allyl chloride

Concen: 49.660 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

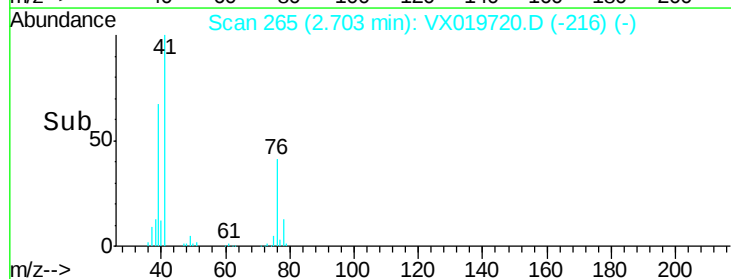
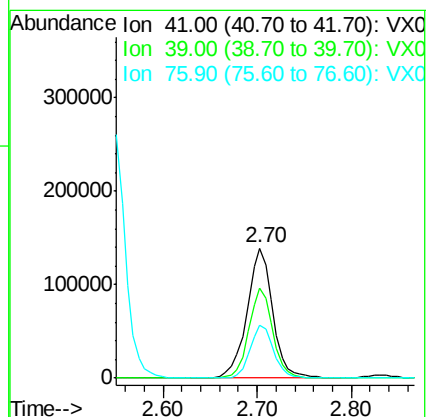
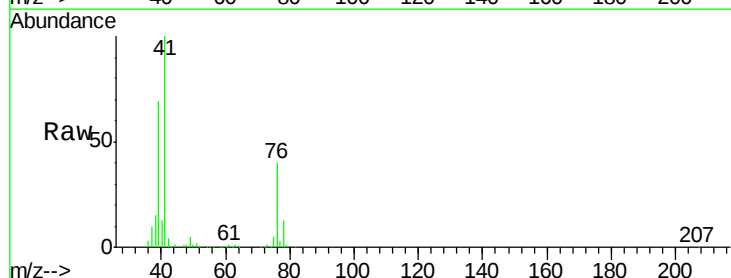
Tgt Ion: 41 Resp: 265859

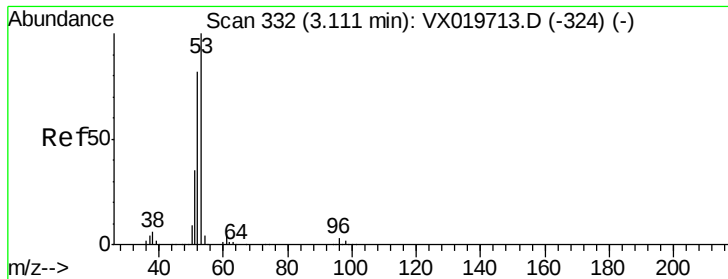
Ion Ratio Lower Upper

41 100

39 64.4 51.6 77.4

76 37.7 30.5 45.7





#15

Acrylonitrile

Concen: 247.984 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

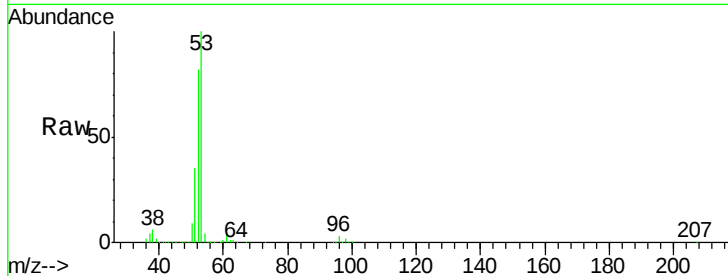
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 509757

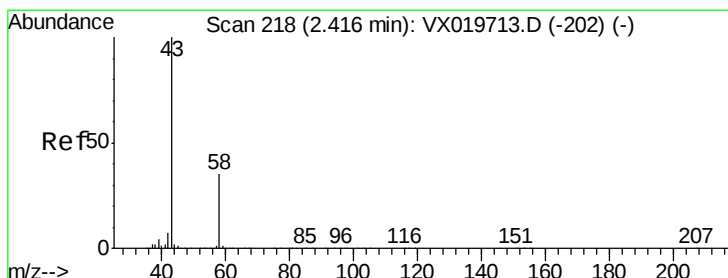
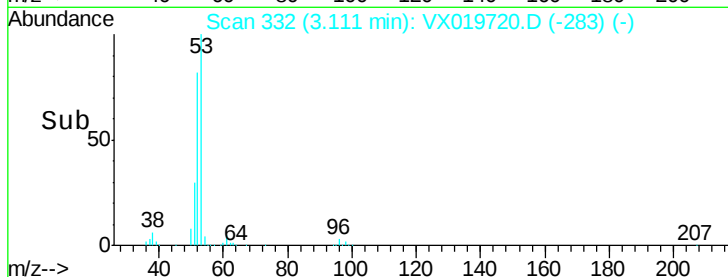
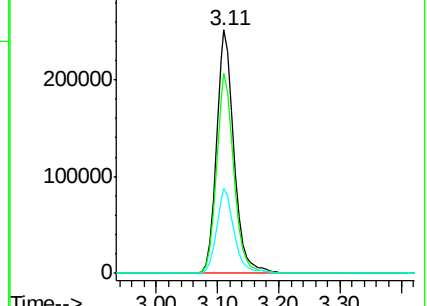
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.3	97.9
51	34.9	28.2	42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 242.931 ug/l

RT: 2.42 min Scan# 218

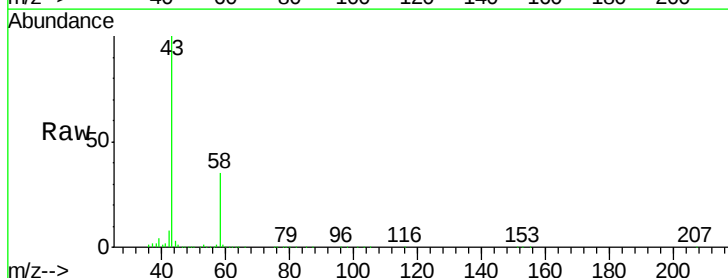
Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

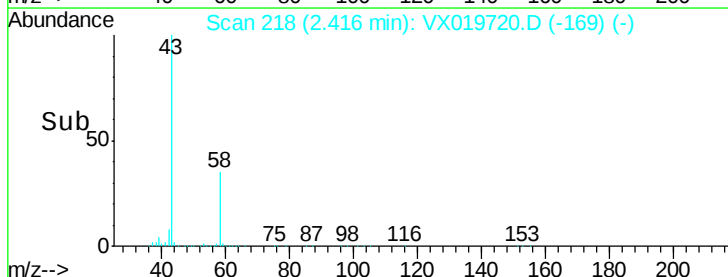
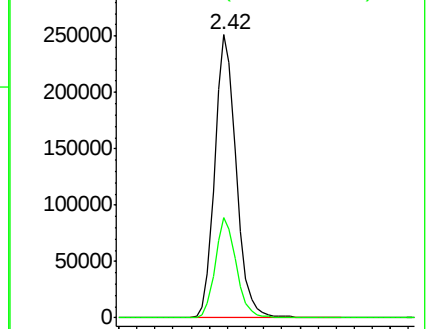
Tgt Ion: 43 Resp: 415199

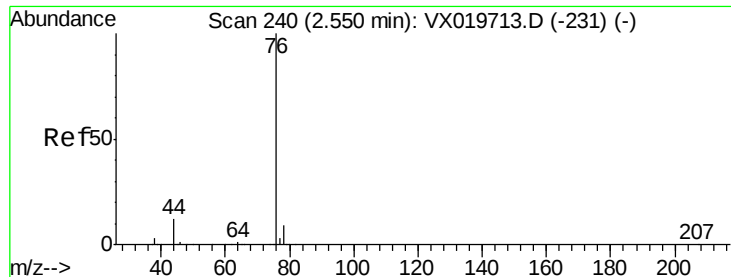
Ion	Ratio	Lower	Upper
43	100		
58	35.4	27.8	41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

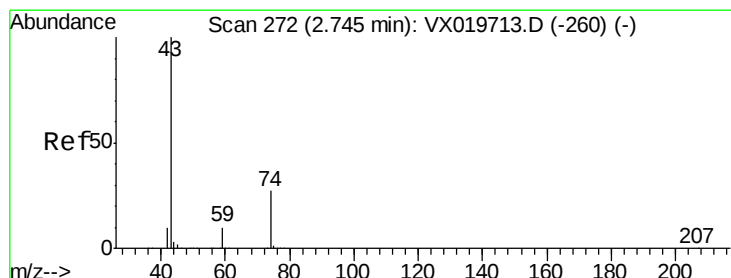
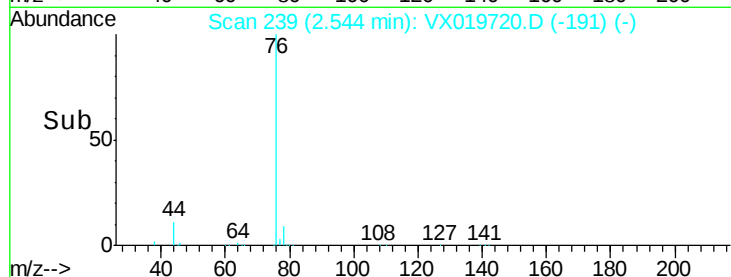
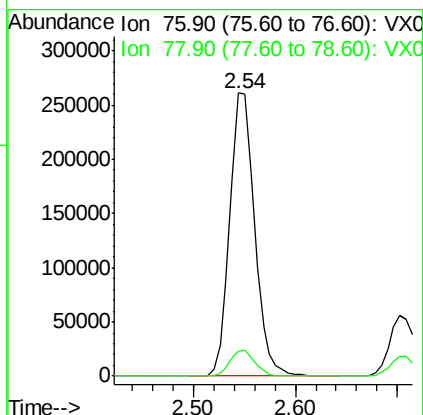
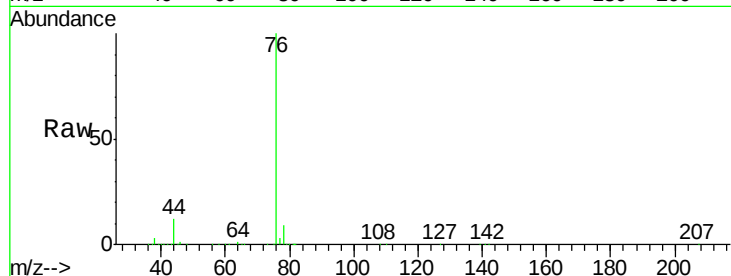




#17
Carbon Disulfide
Concen: 48.369 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

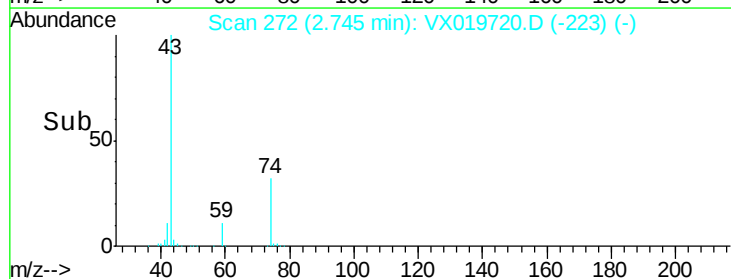
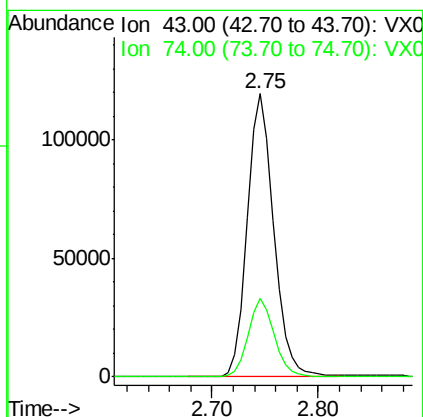
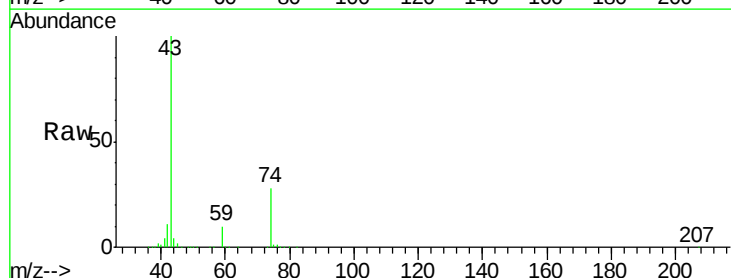
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

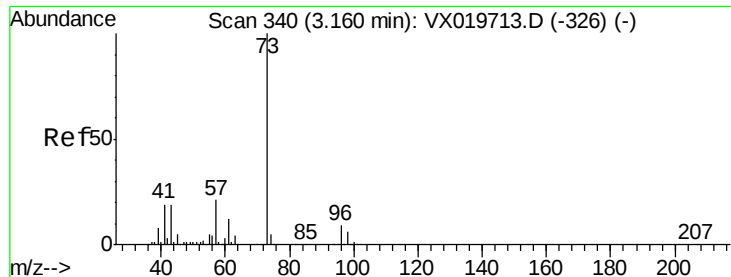
Tot Ion: 76 Resp: 439931
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 49.877 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion: 43 Resp: 208607
Ion Ratio Lower Upper
43 100
74 27.7 21.9 32.9



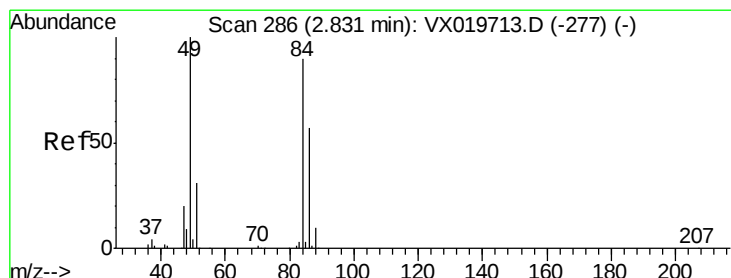
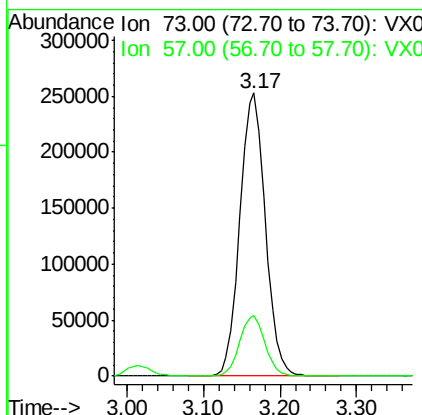
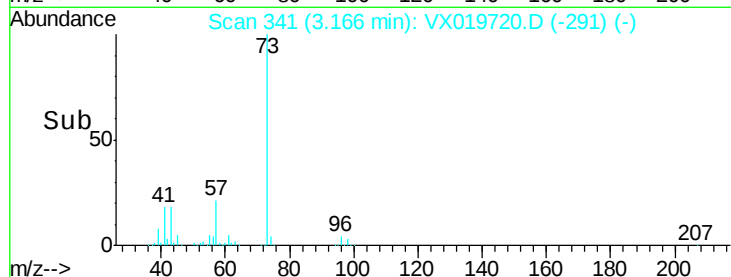
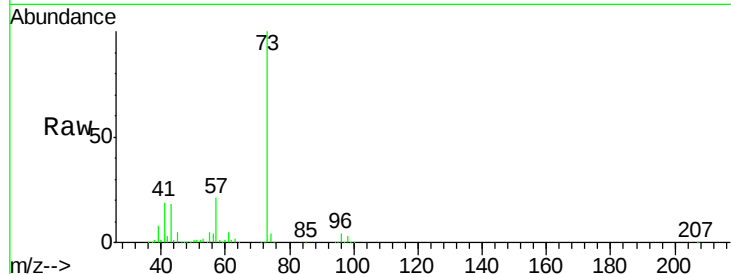


#19

Methyl tert-butyl Ether
 Concen: 50.582 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

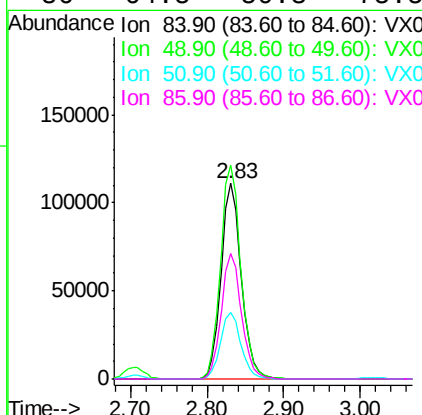
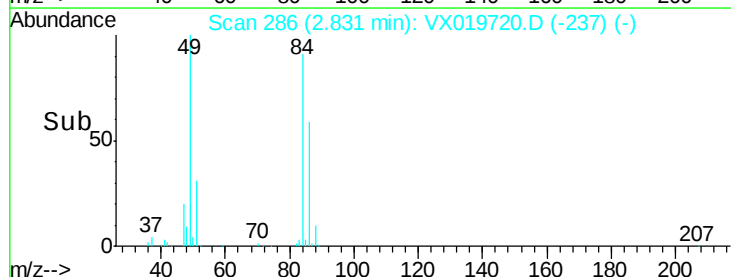
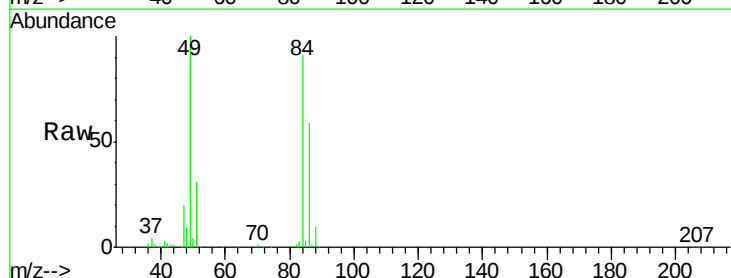
Tot Ion: 73 Resp: 583913
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.1 25.7

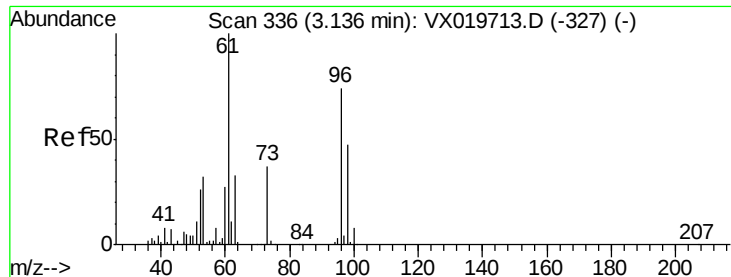


#20

Methylene Chloride
 Concen: 51.964 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Tgt Ion: 84 Resp: 202538
 Ion Ratio Lower Upper
 84 100
 49 109.3 88.6 132.8
 51 34.3 27.0 40.6
 86 64.5 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 49.853 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

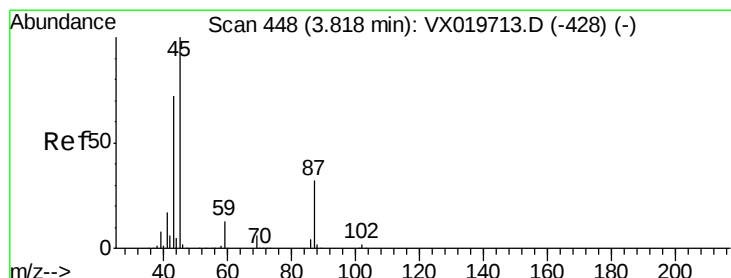
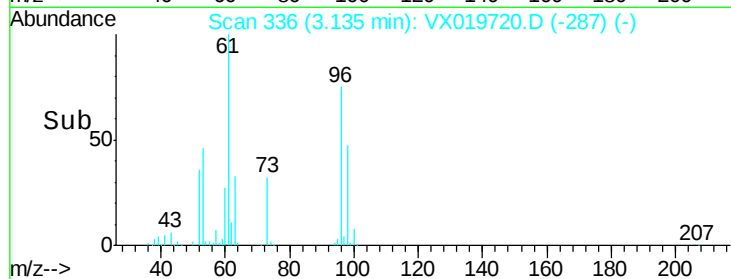
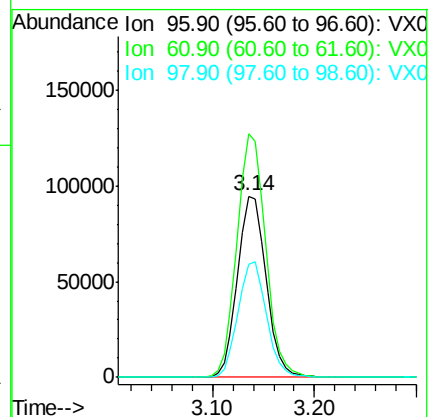
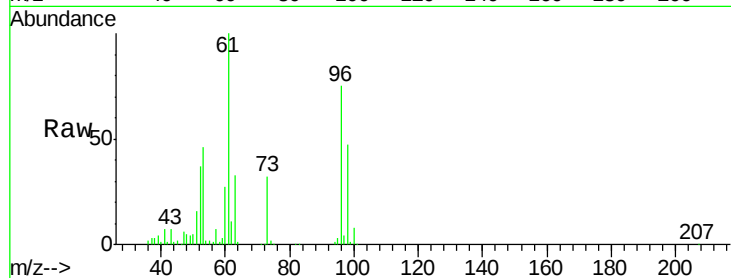
Tot Ion: 96 Resp: 184236

Ion Ratio Lower Upper

96 100

61 134.2 107.7 161.5

98 62.6 50.4 75.6



#22

Diisopropyl ether

Concen: 50.631 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Tgt Ion: 45 Resp: 548040

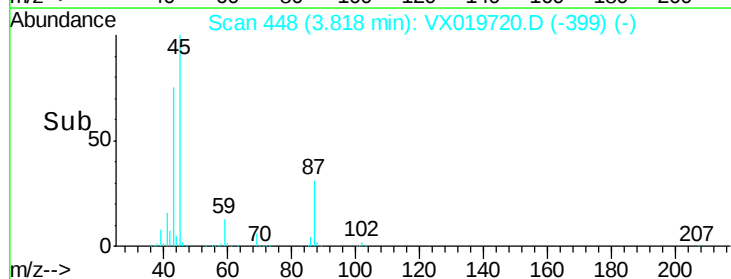
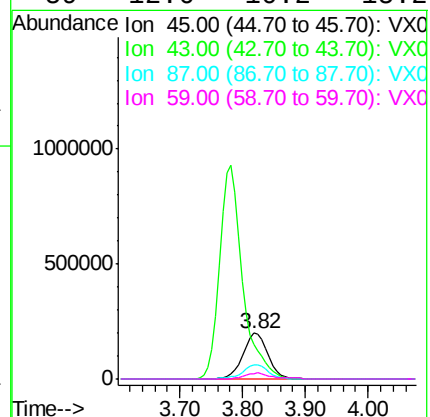
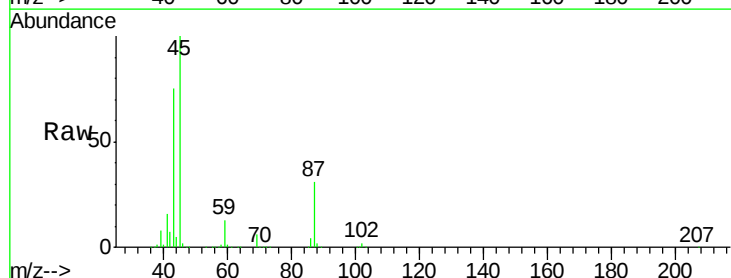
Ion Ratio Lower Upper

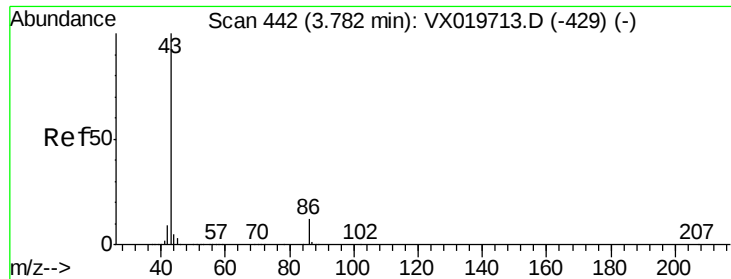
45 100

43 75.2 58.0 87.0

87 31.2 25.4 38.0

59 12.6 10.2 15.2





#23

Vinyl Acetate

Concen: 255.366 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampled :

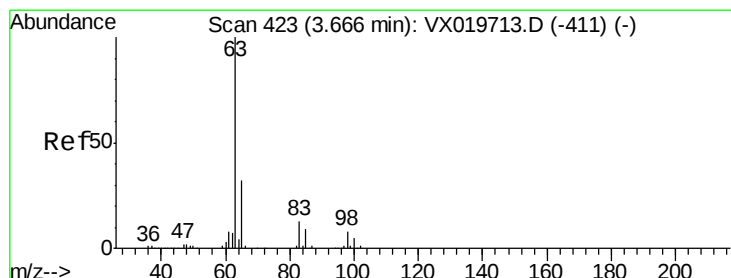
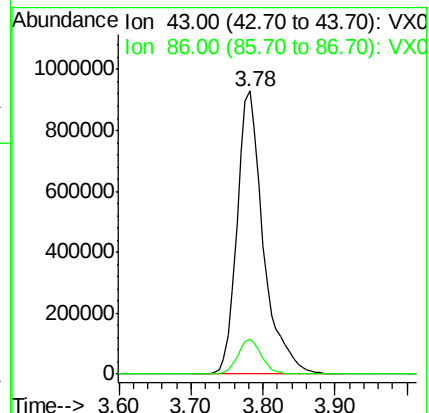
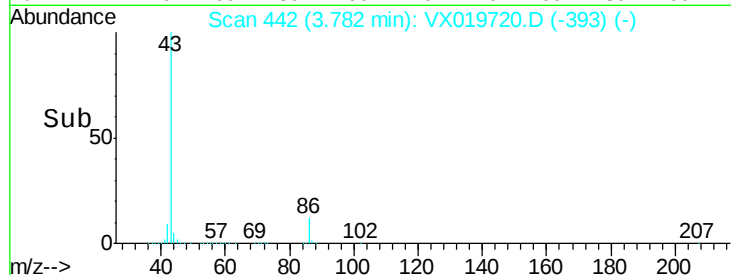
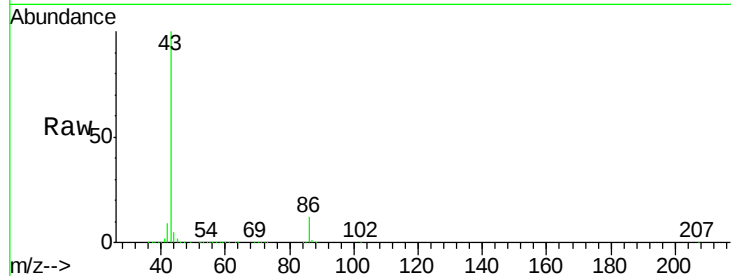
VSTDCCC050

Tot Ion: 43 Resp: 2354906

Ion Ratio Lower Upper

43 100

86 12.4 9.9 14.9



#24

1,1-Dichloroethane

Concen: 49.570 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

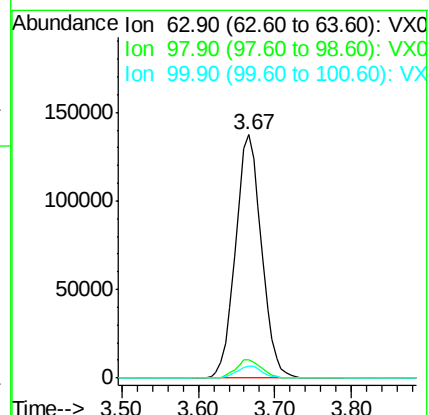
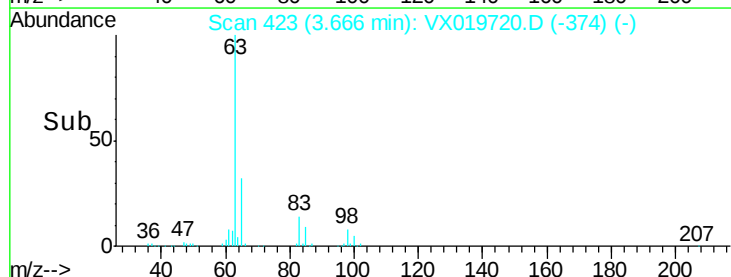
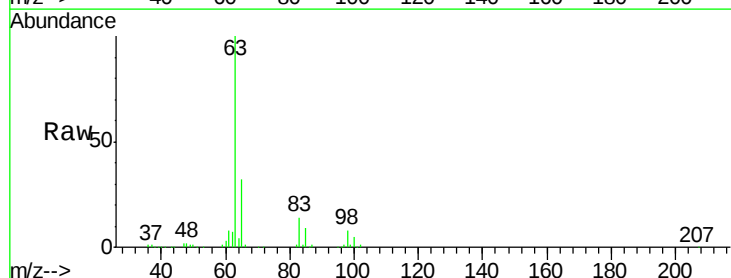
Tgt Ion: 63 Resp: 323555

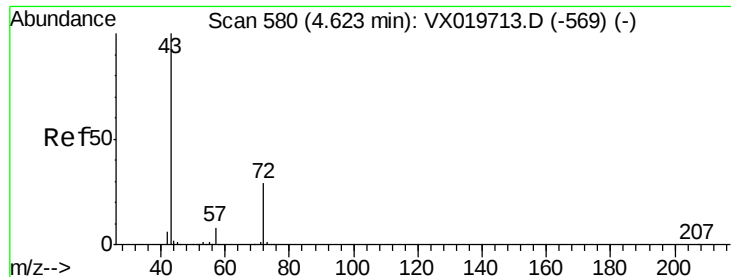
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

100 4.9 2.5 7.5





#25

2-Butanone

Concen: 248.150 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

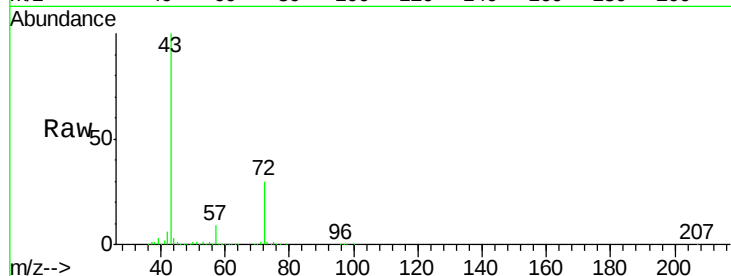
VSTDCCC050

Tot Ion: 43 Resp: 651704

Ion Ratio Lower Upper

43 100

72 29.7 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

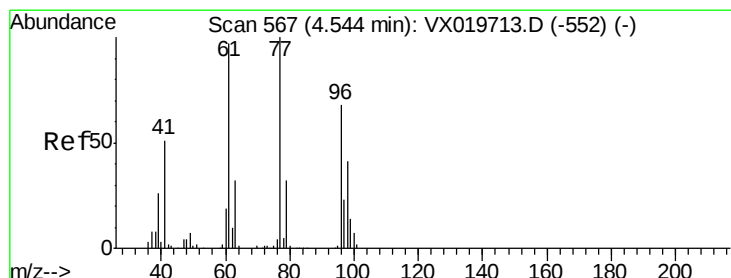
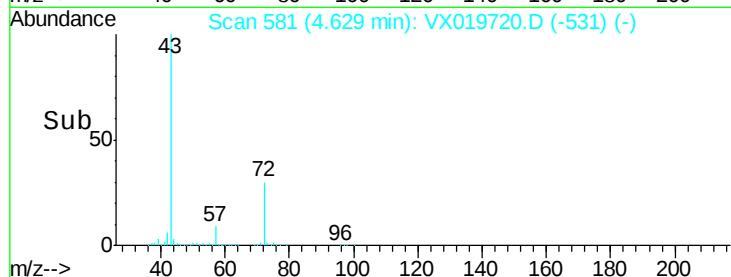
50000

0

4.63

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 50.274 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019720.D

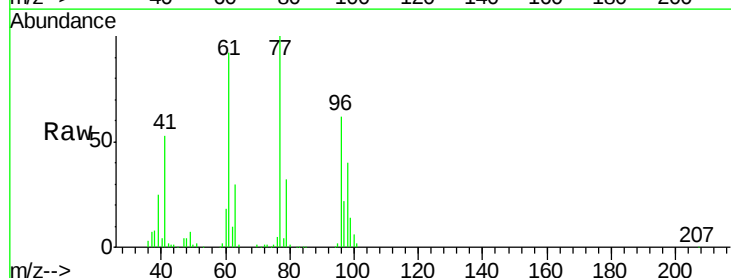
Acq: 04 Dec 2020 16:33

Tgt Ion: 77 Resp: 282596

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

100000

80000

60000

40000

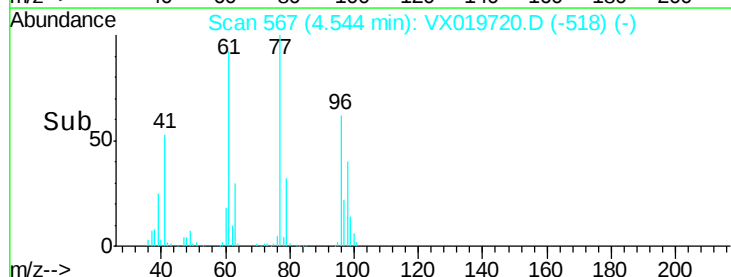
20000

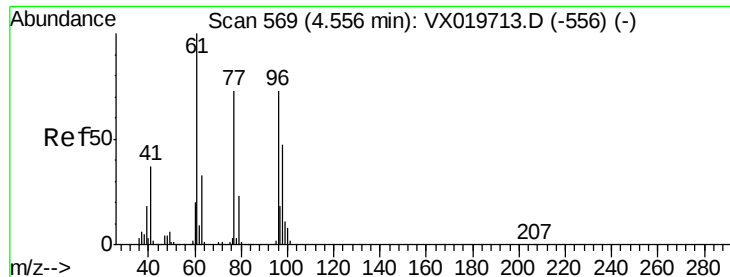
0

4.54

4.40 4.50 4.60 4.70

Time-->



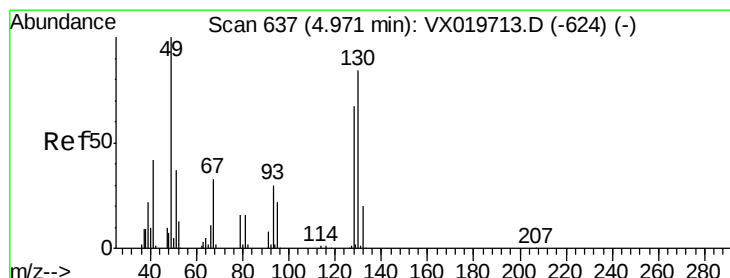
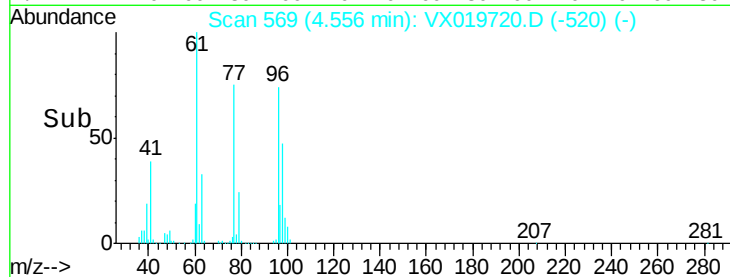
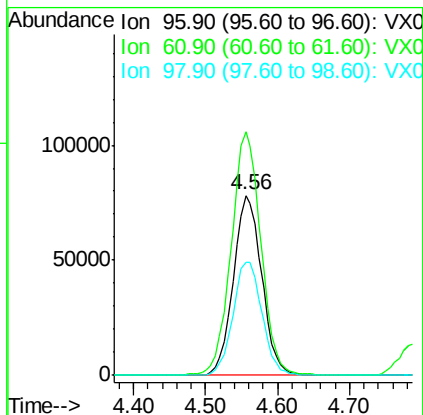
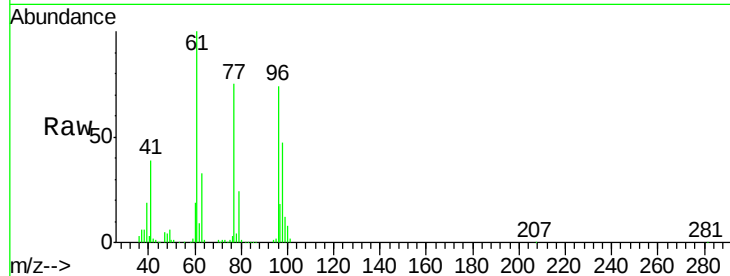


#27

cis-1,2-Dichloroethene
 Concen: 49.397 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

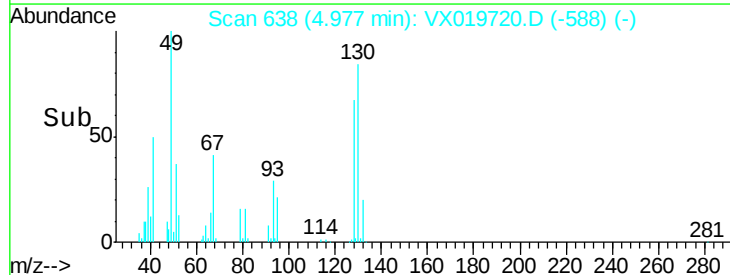
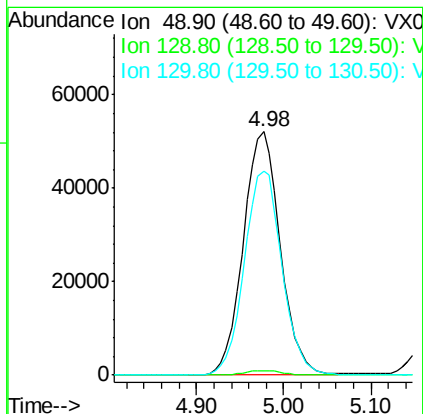
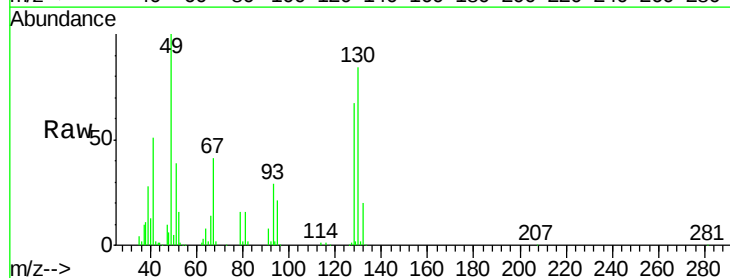
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	285.6
98	64.6	0.0	129.6

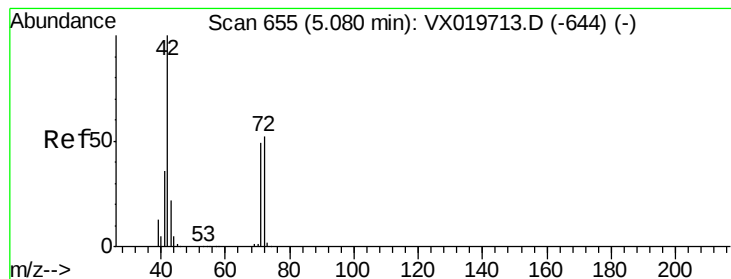


#28

Bromochloromethane
 Concen: 49.335 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	85.5	68.2	102.2





#29

Tetrahydrofuran

Concen: 247.182 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

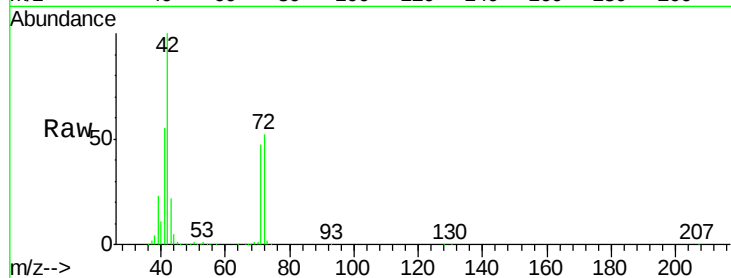
Tot Ion: 42 Resp: 418246

Ion Ratio Lower Upper

42 100

72 52.0 41.7 62.5

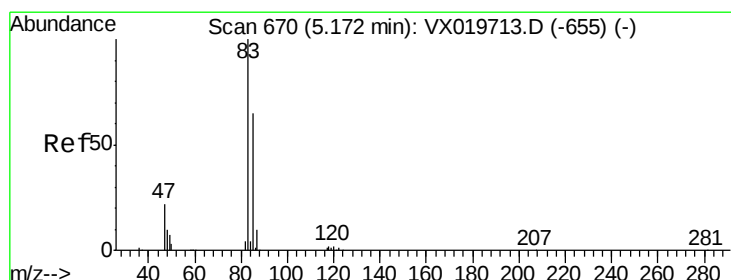
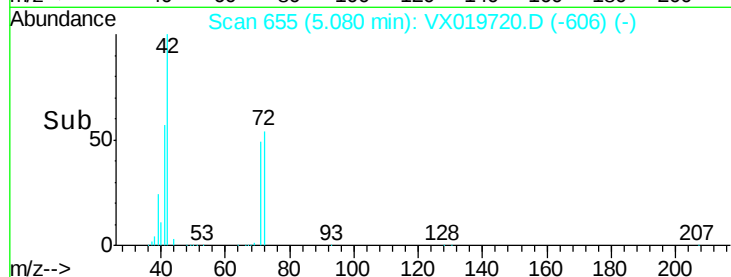
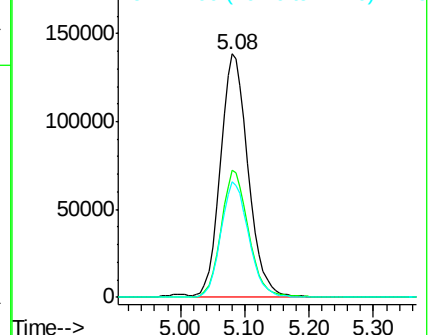
71 47.7 38.4 57.6



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: 49.606 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.00 min

Lab File: VX019720.D

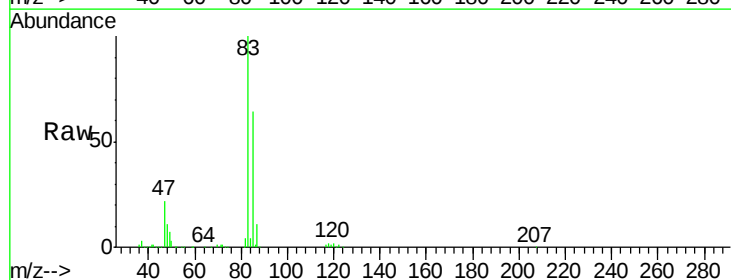
Acq: 04 Dec 2020 16:33

Tgt Ion: 83 Resp: 332933

Ion Ratio Lower Upper

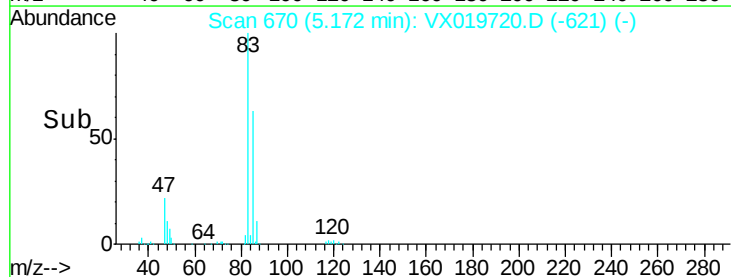
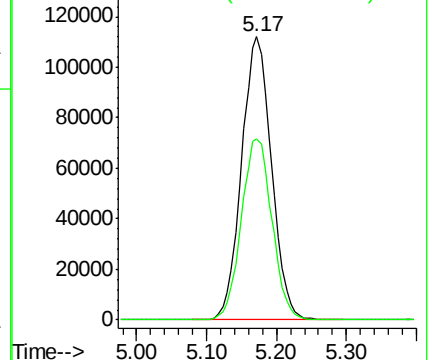
83 100

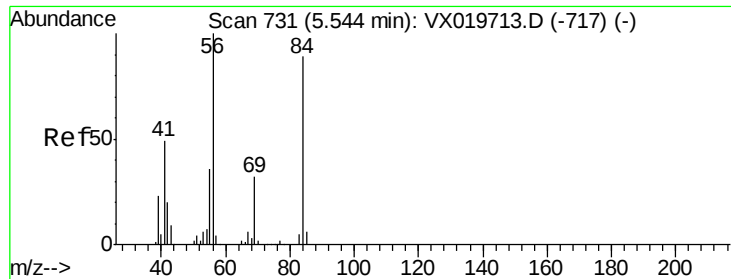
85 64.1 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

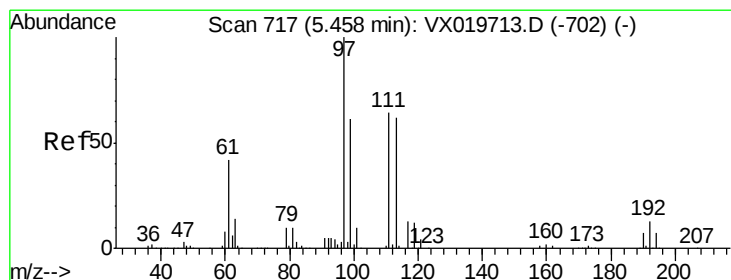
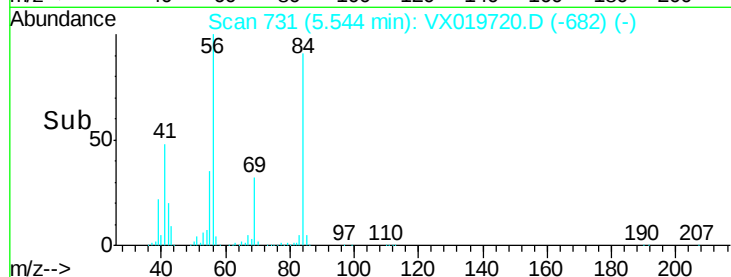
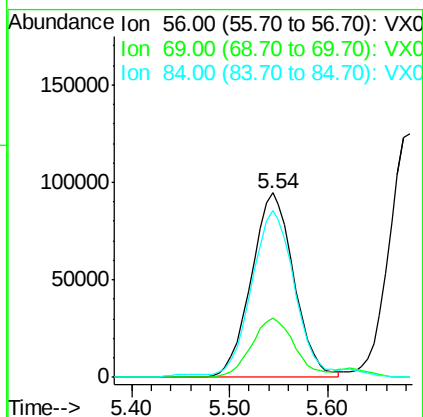
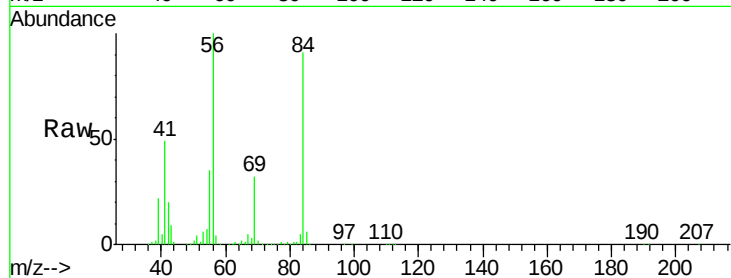




#31
Cvclohexane
Concen: 50.503 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

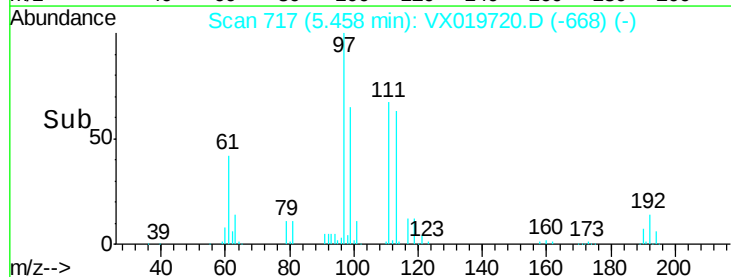
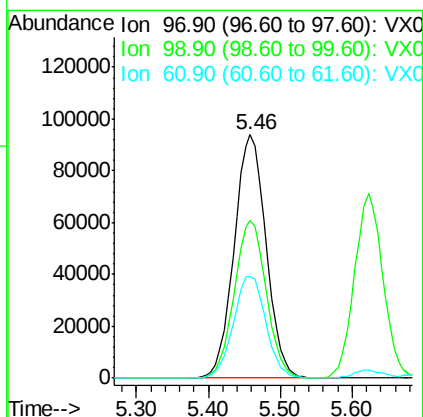
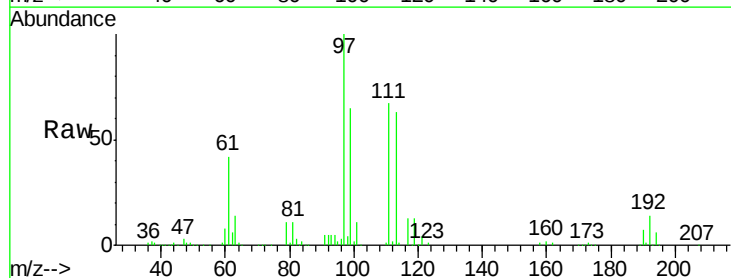
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

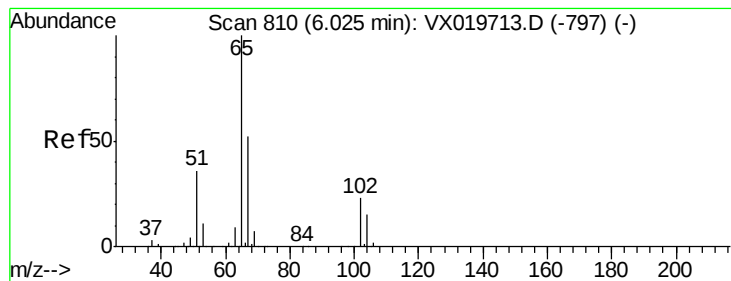
Tot Ion: 56 Resp: 285655
Ion Ratio Lower Upper
56 100
69 31.9 25.3 37.9
84 89.0 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 49.913 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion: 97 Resp: 288487
Ion Ratio Lower Upper
97 100
99 64.9 51.5 77.3
61 42.7 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 46.543 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

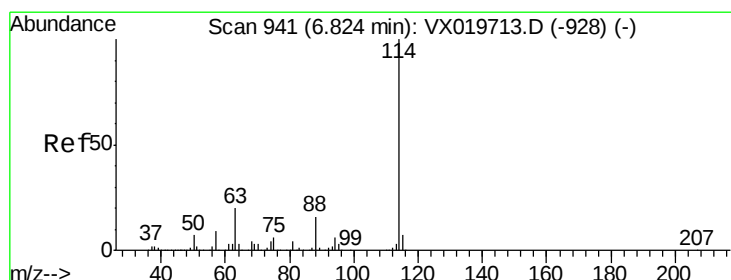
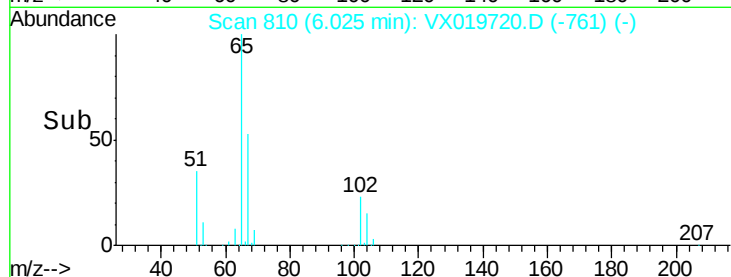
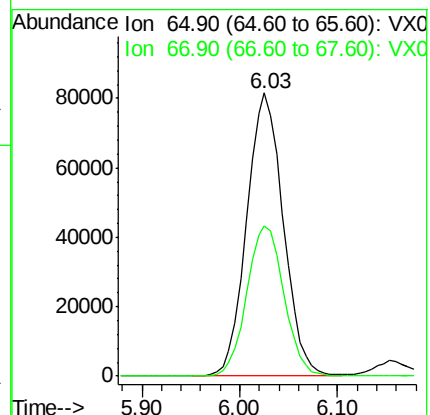
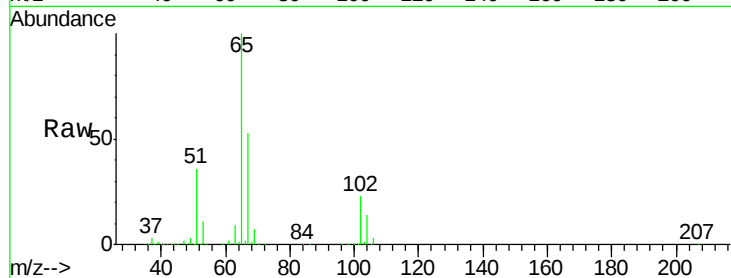
VSTDCCC050

Tot Ion: 65 Resp: 211636

Ion Ratio Lower Upper

65 100

67 54.0 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

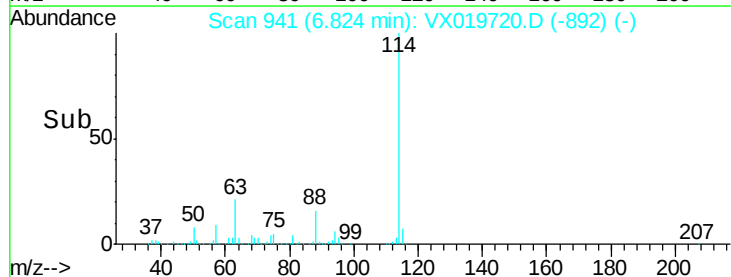
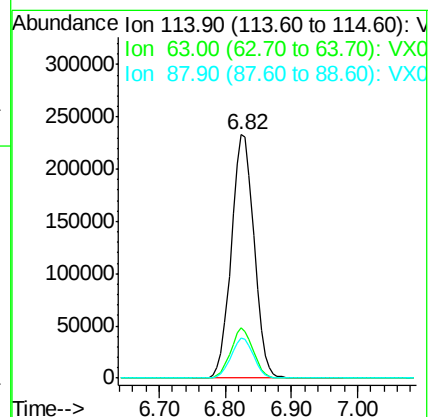
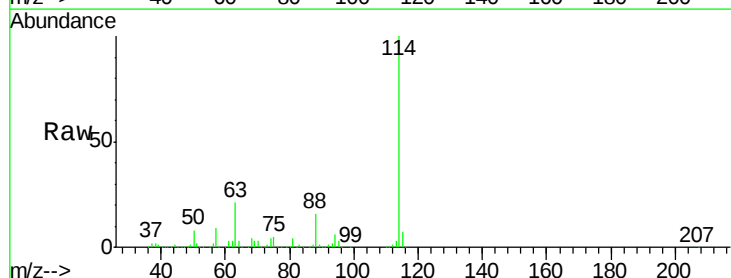
Tgt Ion: 114 Resp: 555745

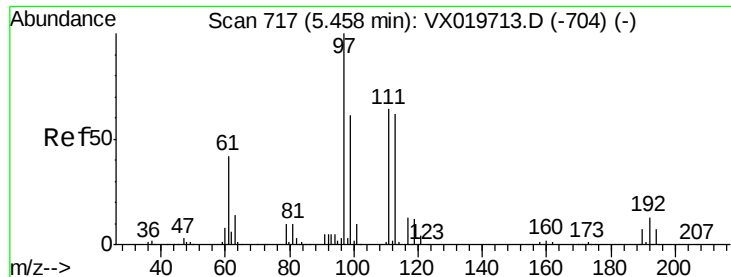
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.825 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

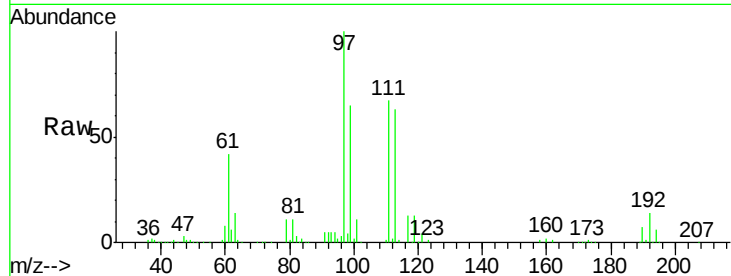
Tot Ion:113 Resp: 175366

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

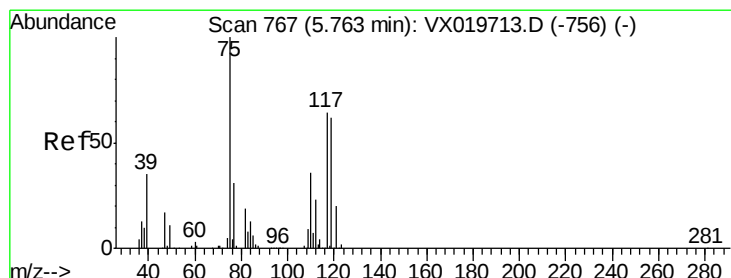
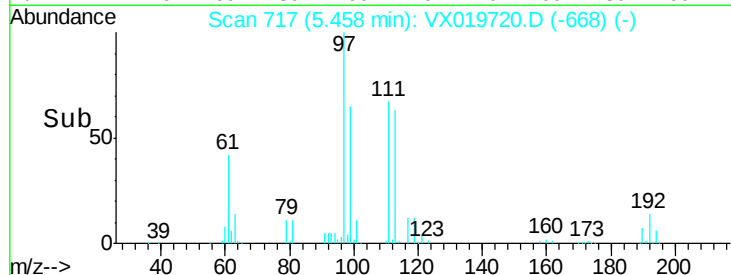
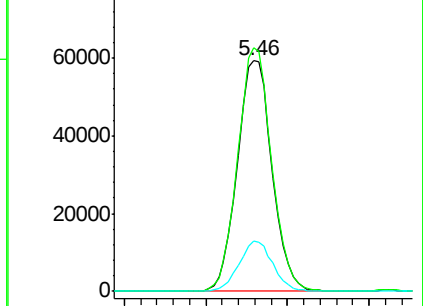
192 21.1 16.7 25.1



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: 50.216 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

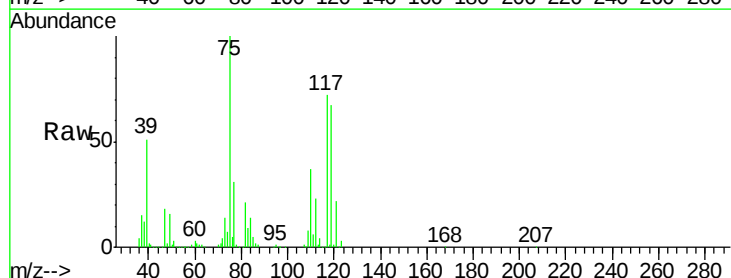
Tgt Ion: 75 Resp: 252181

Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.4

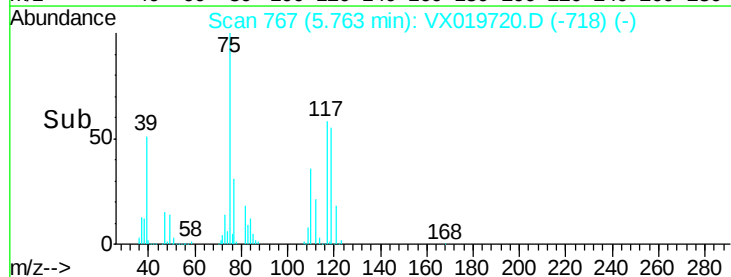
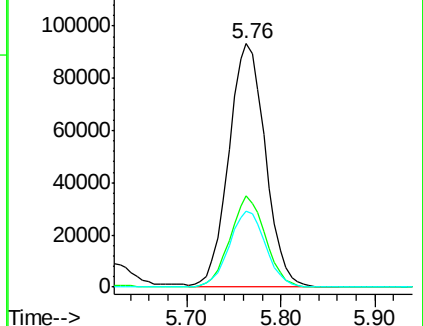
77 31.2 25.3 37.9

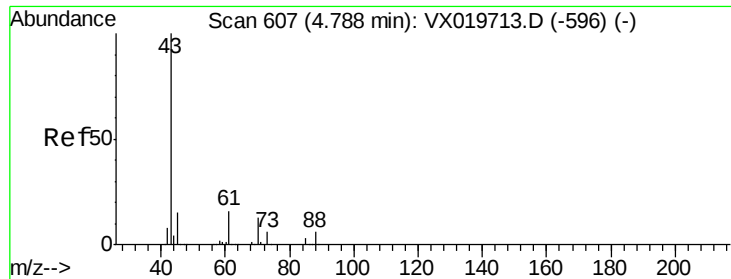


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

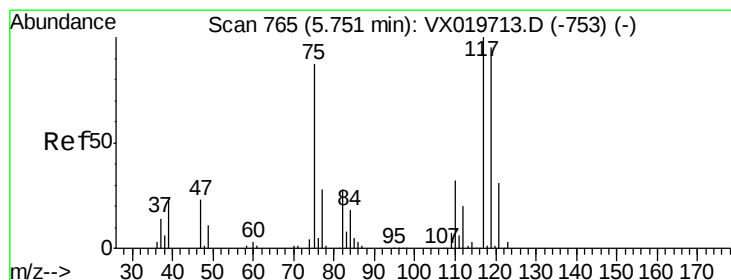
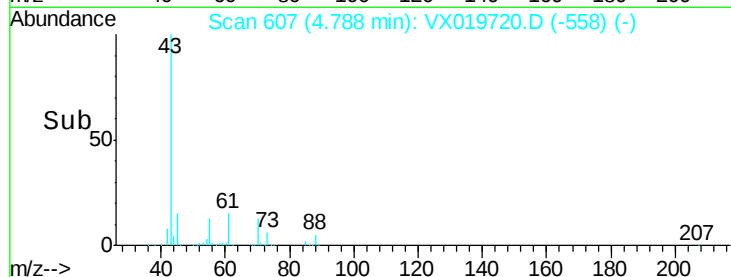
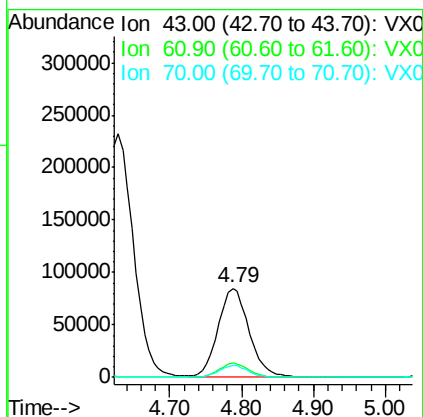
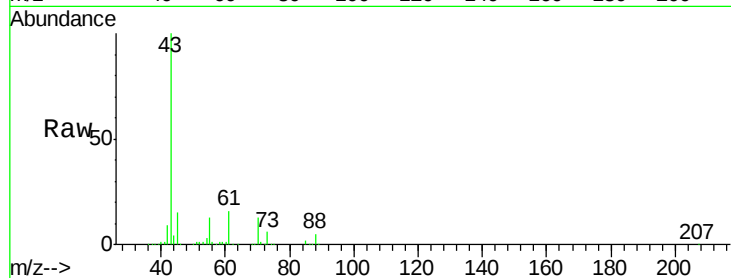




#37
Ethyl Acetate
Concen: 49.695 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

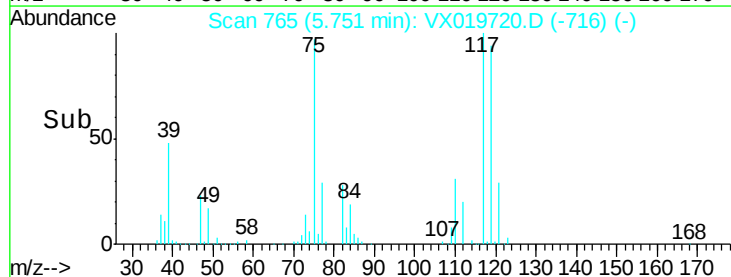
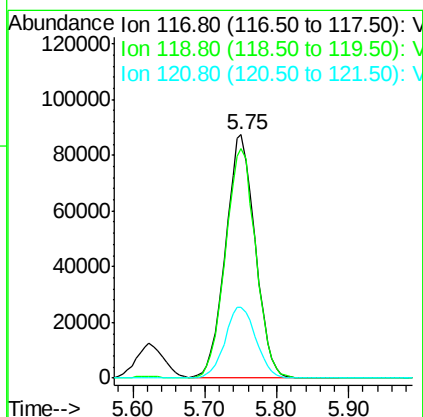
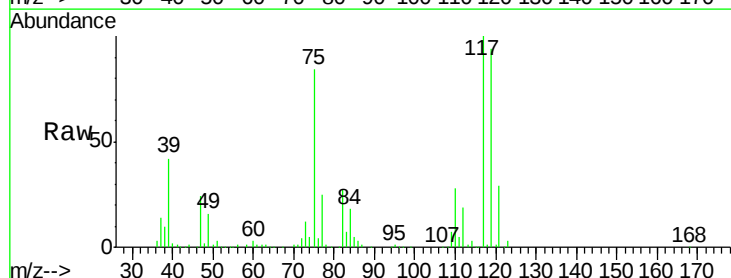
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

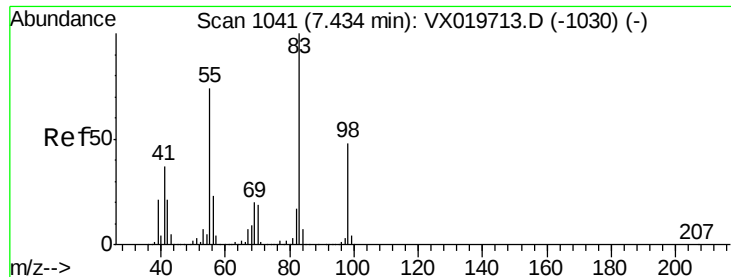
Tot Ion: 43 Resp: 251975
Ion Ratio Lower Upper
43 100
61 15.3 12.8 19.2
70 12.7 10.5 15.7



#38
Carbon Tetrachloride
Concen: 50.807 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion: 117 Resp: 249854
Ion Ratio Lower Upper
117 100
119 94.4 76.2 114.2
121 29.2 24.8 37.2

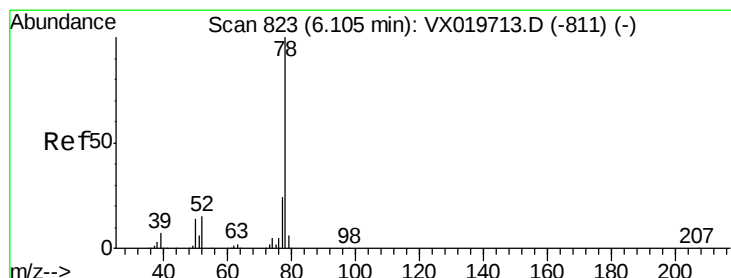
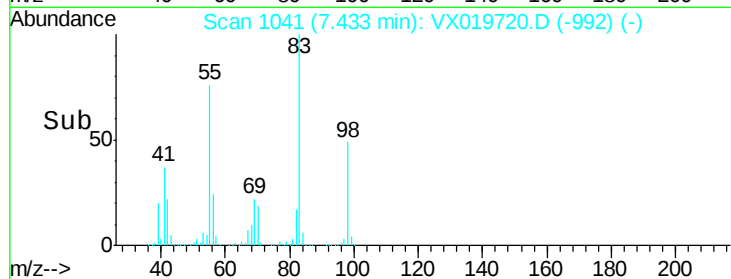
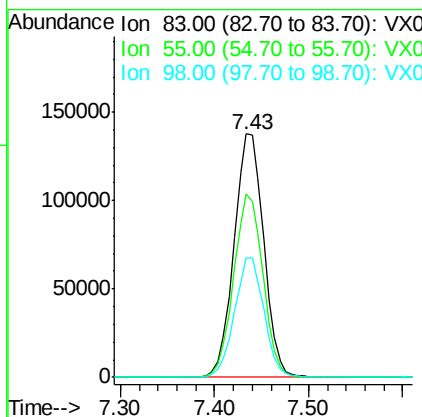
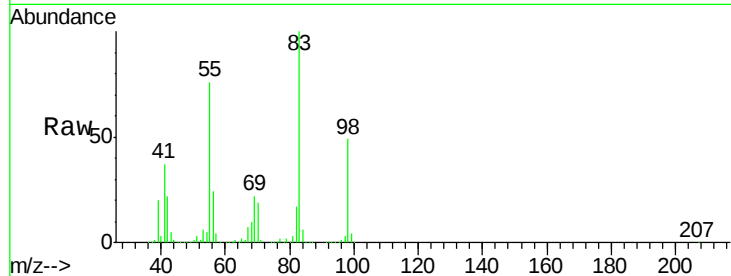




#39
Methvlcvclohexane
Concen: 51.264 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

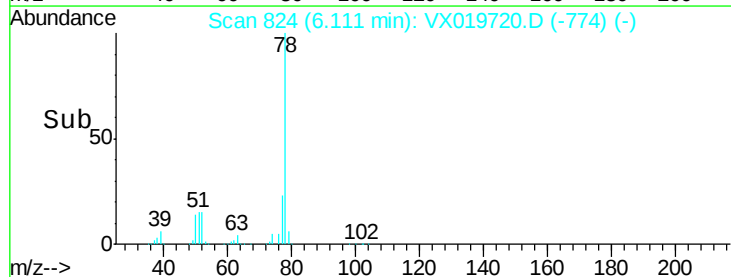
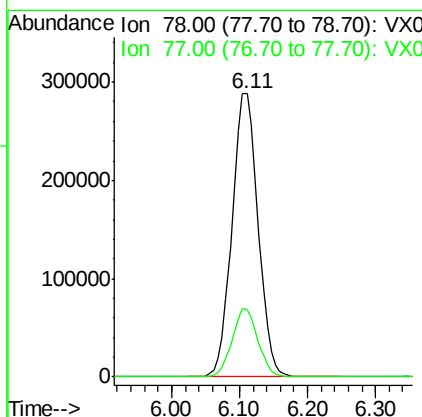
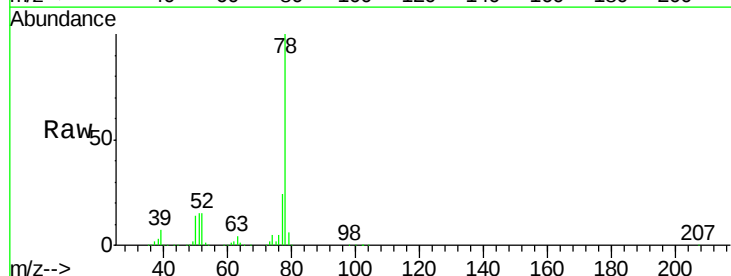
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

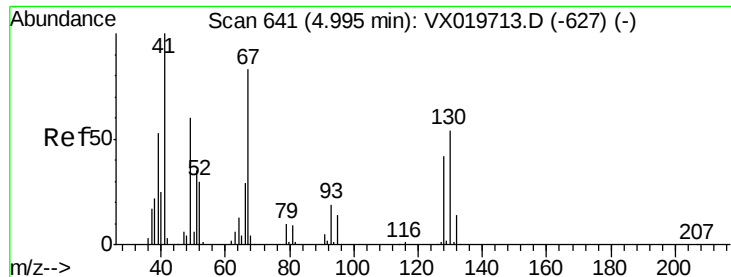
Tot Ion	83	Resp	302467
Ion	Ratio	Lower	Upper
83	100		
55	75.6	58.9	88.3
98	49.2	38.1	57.1



#40
Benzene
Concen: 49.859 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion	78	Resp	764863
Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.9	28.3

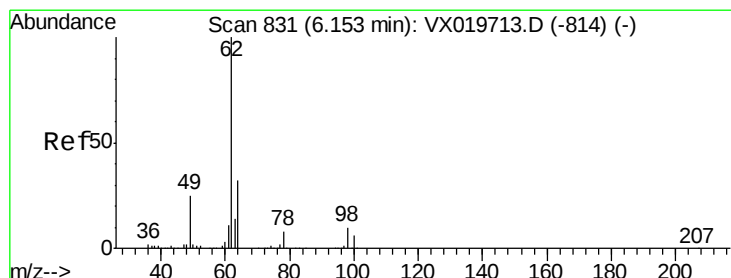
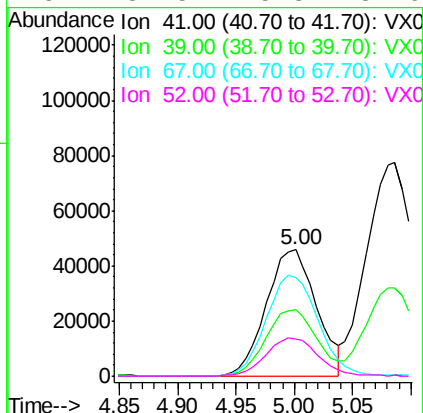
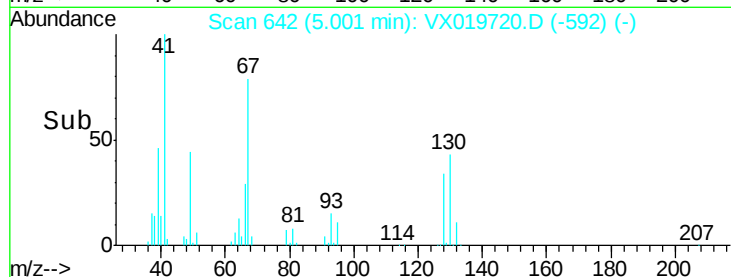
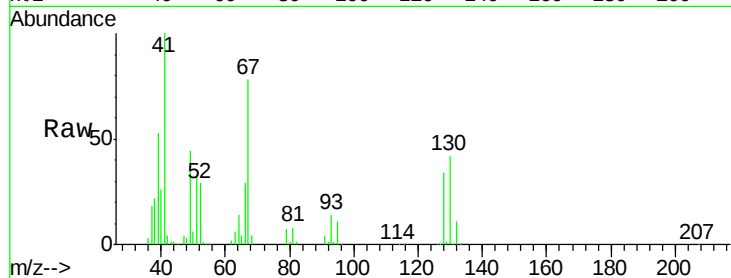




#41
Methacrylonitrile
Concen: 49.249 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

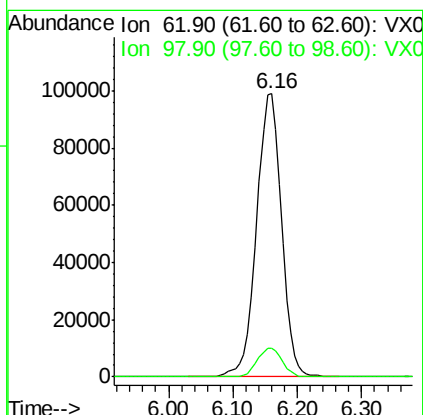
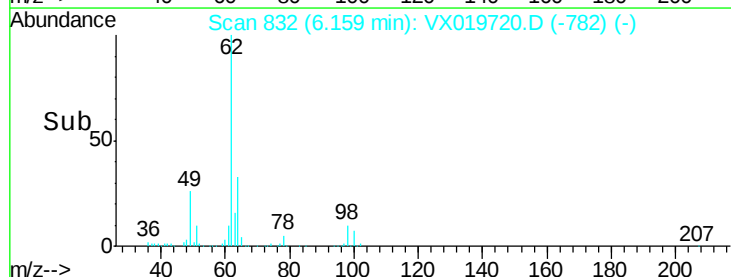
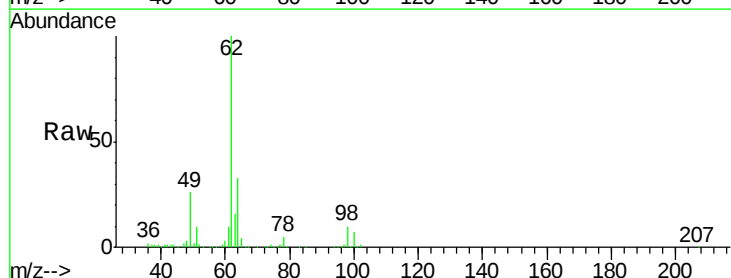
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

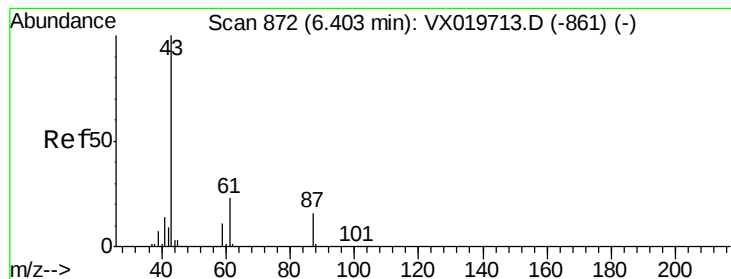
Tot Ion:	41	Resp:	137105
Ion	Ratio	Lower	Upper
41	100		
39	53.7	42.5	63.7
67	83.5	65.0	97.6
52	31.5	25.3	37.9



#42
1,2-Dichloroethane
Concen: 50.381 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion:	62	Resp:	264063
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2



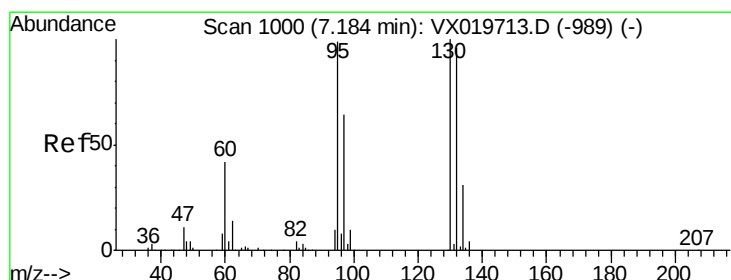
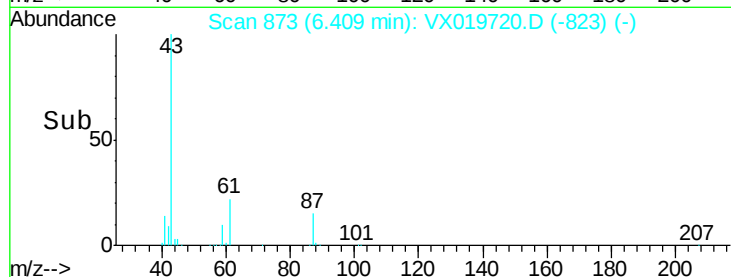
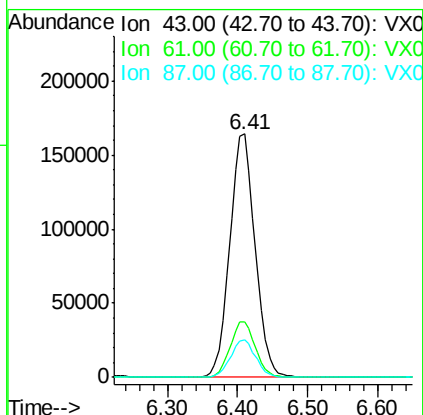
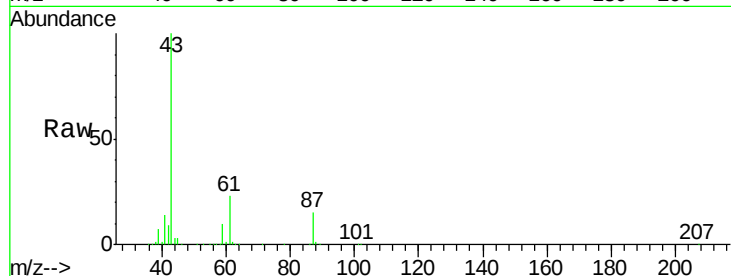


#43

Isopropyl Acetate
 Concen: 49.960 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.01 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

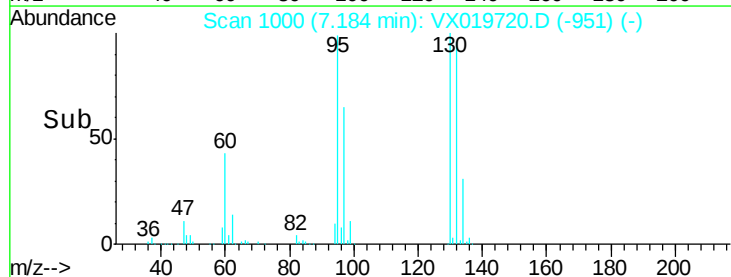
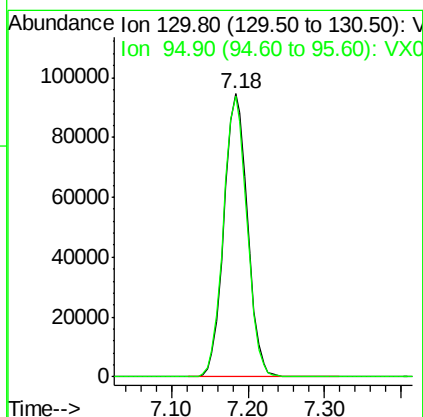
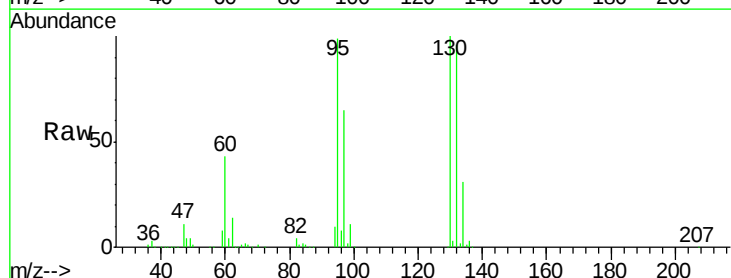
Tot Ion: 43 Resp: 411842
 Ion Ratio Lower Upper
 43 100
 61 22.9 18.2 27.4
 87 15.4 12.5 18.7

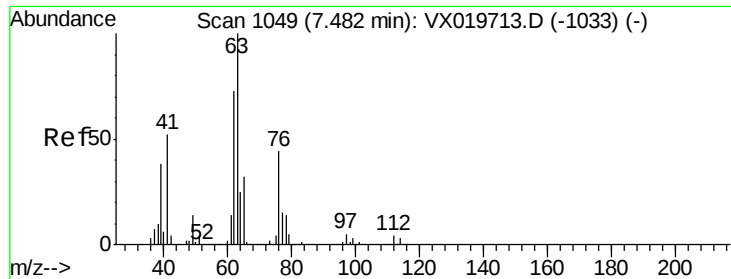


#44

Trichloroethene
 Concen: 49.989 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Tgt Ion: 130 Resp: 201203
 Ion Ratio Lower Upper
 130 100
 95 99.2 0.0 198.0





#45

1,2-Dichloropropane

Concen: 50.339 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

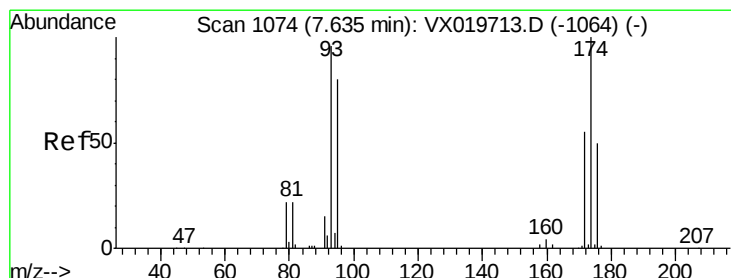
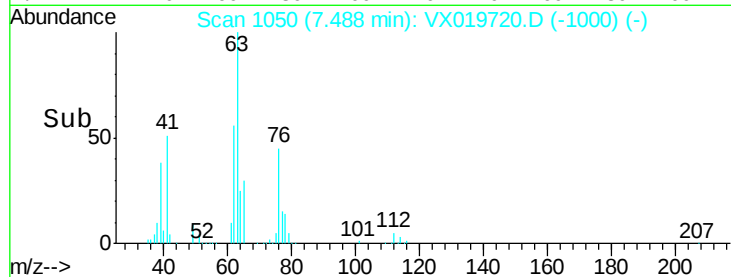
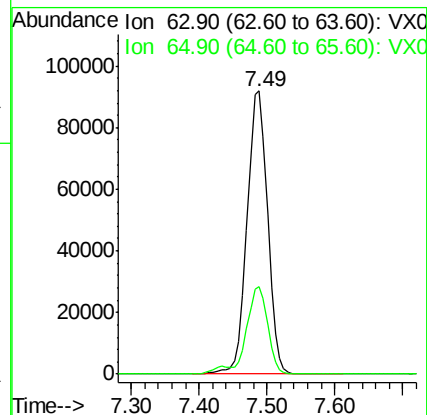
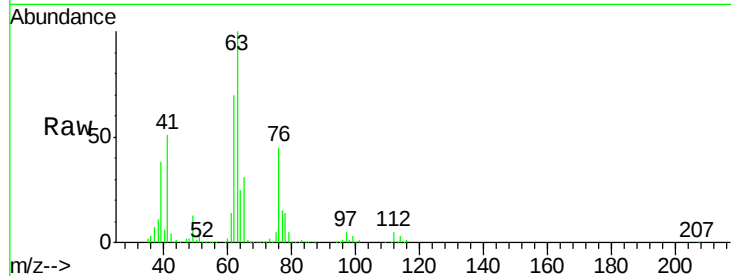
VSTDCCC050

Tot Ion: 63 Resp: 193000

Ion Ratio Lower Upper

63 100

65 30.9 25.7 38.5



#46

Dibromomethane

Concen: 50.339 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

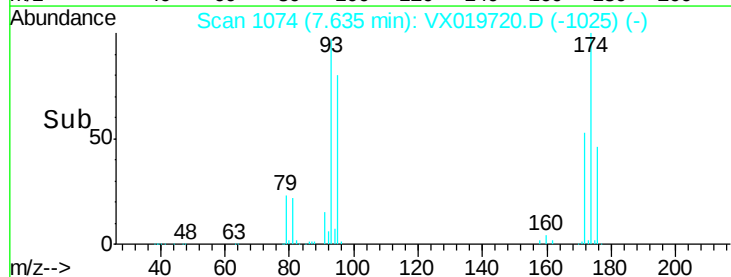
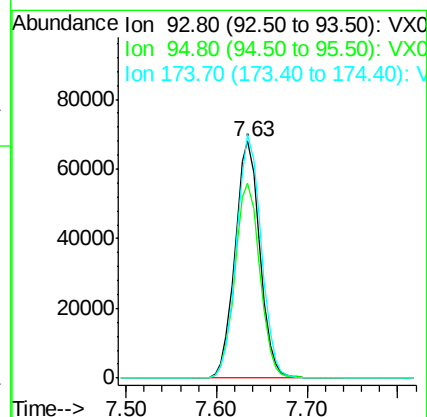
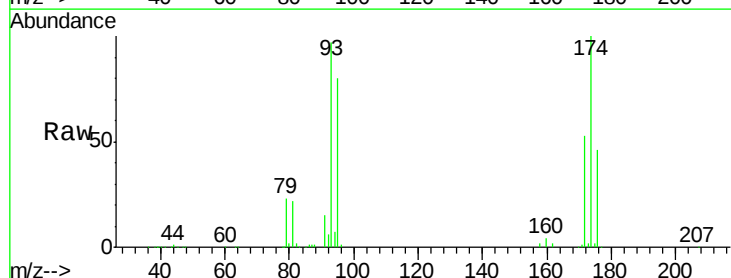
Tgt Ion: 93 Resp: 130335

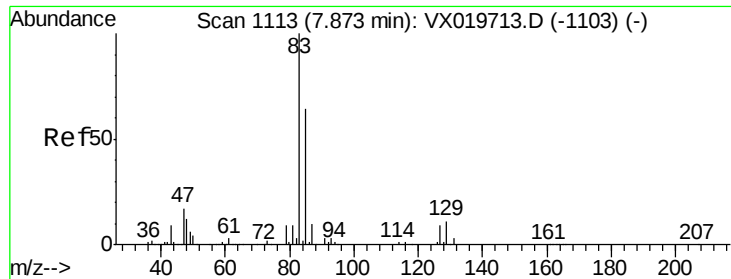
Ion Ratio Lower Upper

93 100

95 83.3 66.8 100.2

174 102.8 83.1 124.7

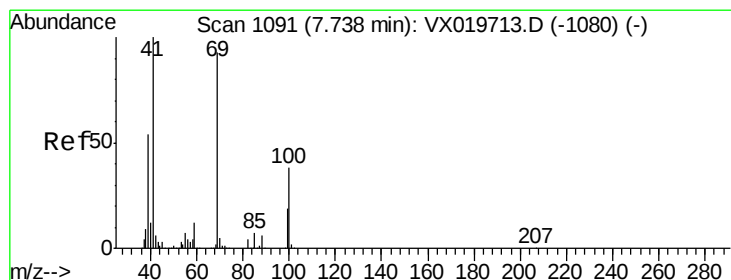
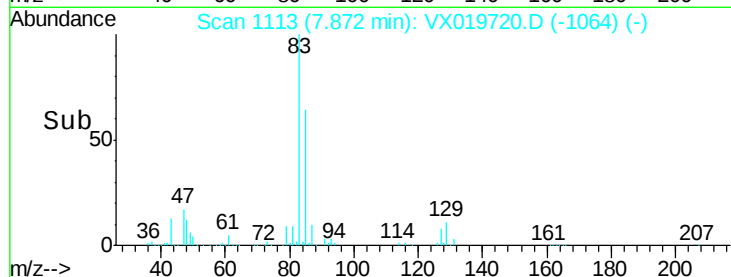
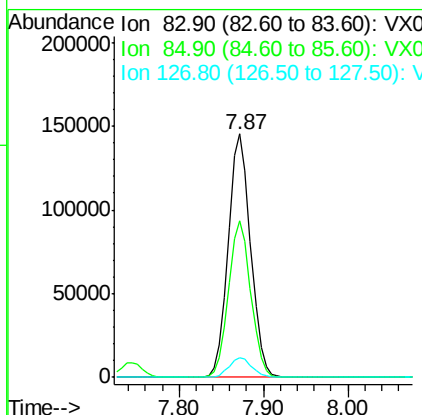
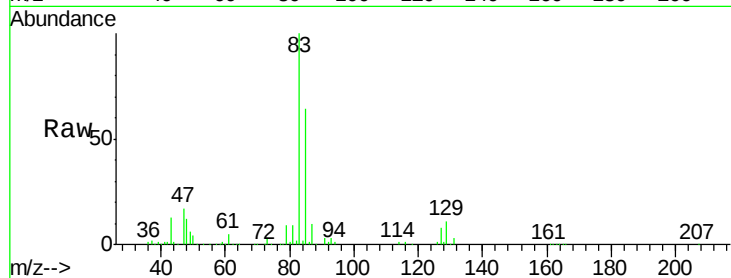




#47
Bromodichloromethane
Concen: 51.063 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

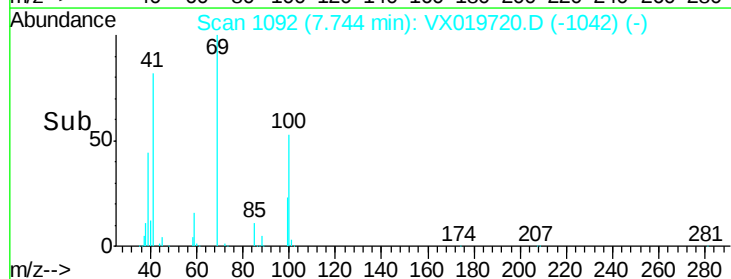
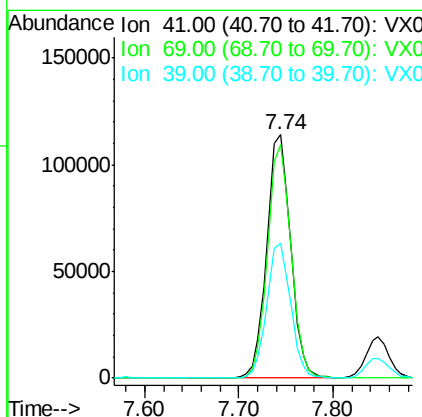
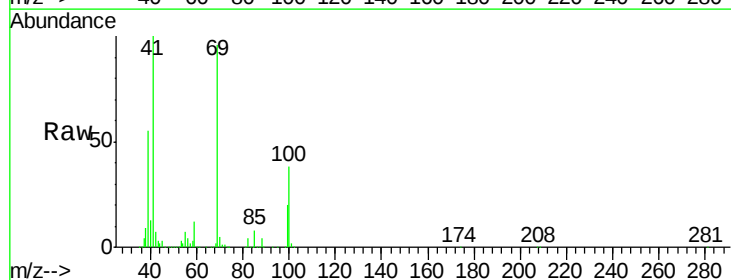
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

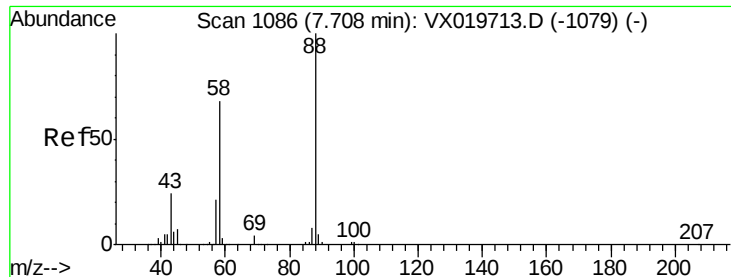
Tot Ion	83	Resp	262347
Ion Ratio	100		
85	64.2	51.4	77.0
127	8.3	6.8	10.2



#48
Methyl methacrylate
Concen: 50.475 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.01 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion	41	Resp	204639
Ion Ratio	100		
69	94.9	76.0	114.0
39	55.5	44.6	67.0

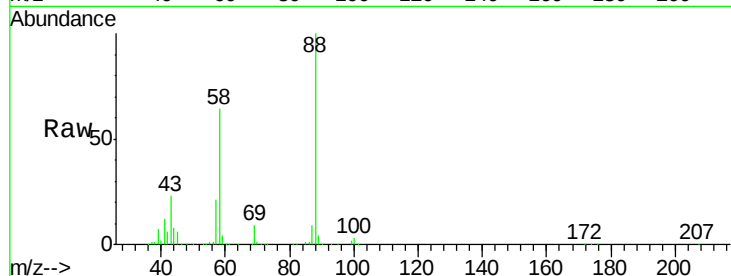




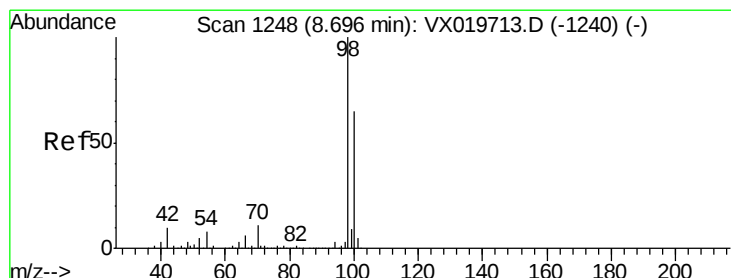
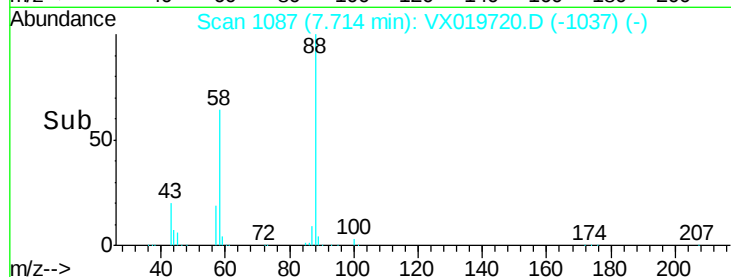
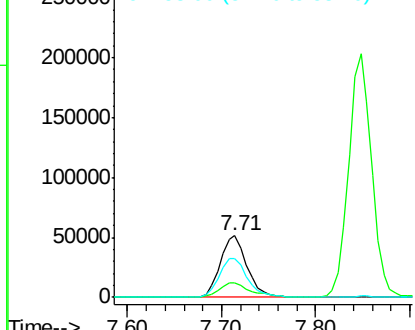
#49
1,4-Dioxane
Concen: 1026.720 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 100837
Ion Ratio Lower Upper
88 100
43 28.1 23.2 34.8
58 68.3 55.0 82.4

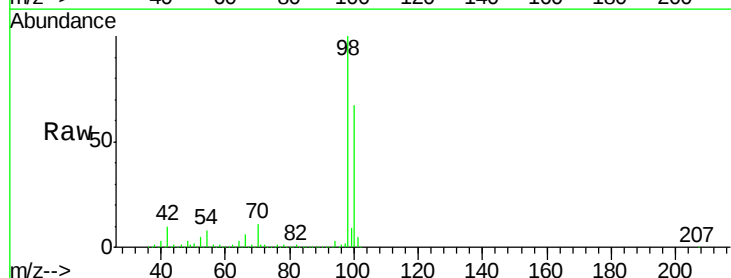


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

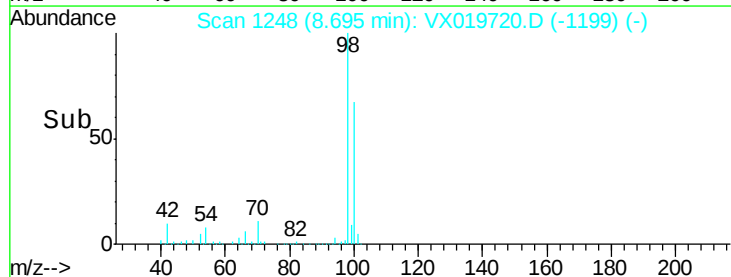
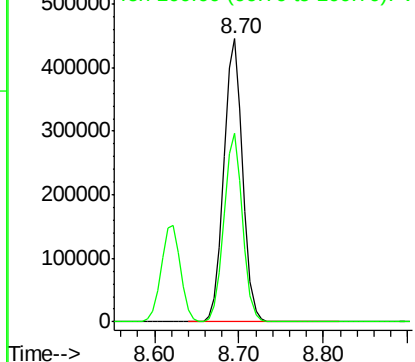


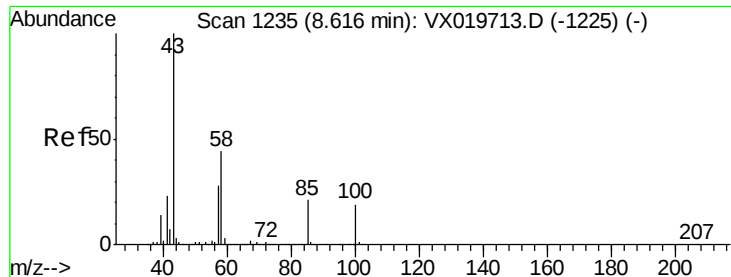
#50
Toluene-d8
Concen: 49.821 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion: 98 Resp: 683148
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 256.313 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

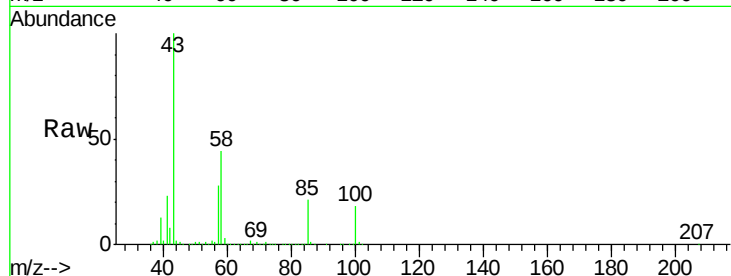
VSTDCCC050

Tot Ion: 43 Resp: 1290007

Ion Ratio Lower Upper

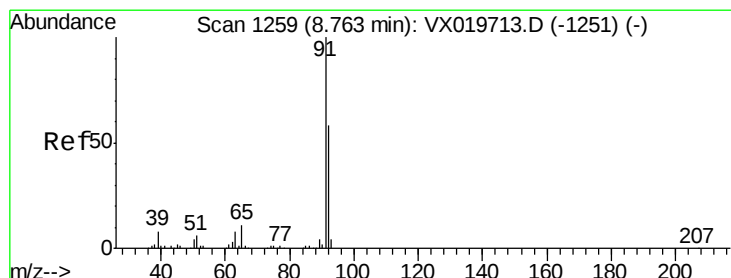
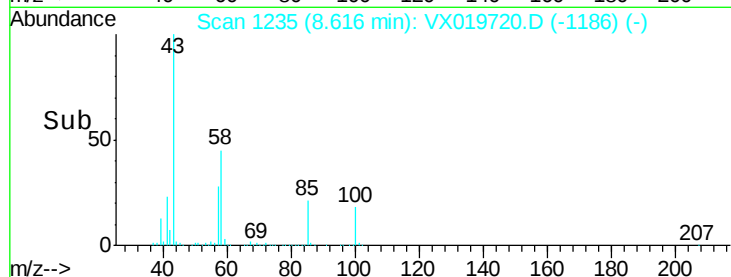
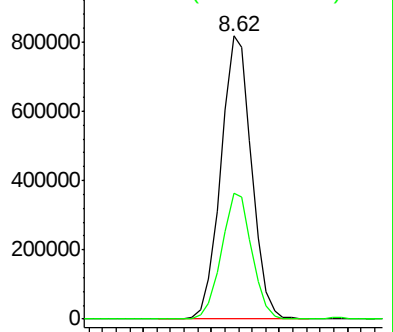
43 100

58 44.1 35.4 53.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.672 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019720.D

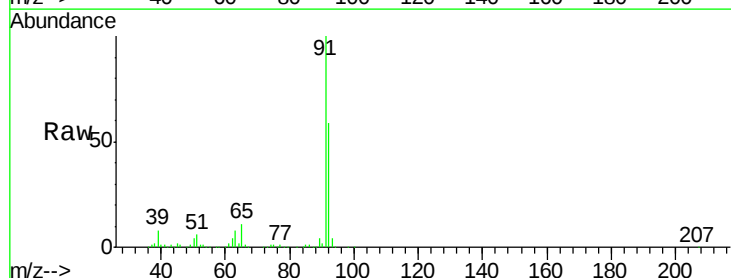
Acq: 04 Dec 2020 16:33

Tgt Ion: 92 Resp: 486170

Ion Ratio Lower Upper

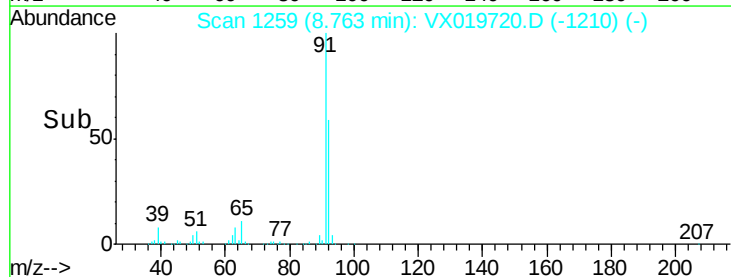
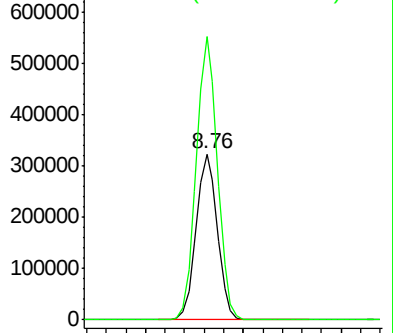
92 100

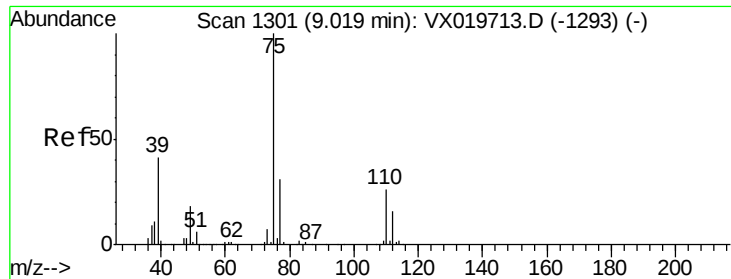
91 169.8 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

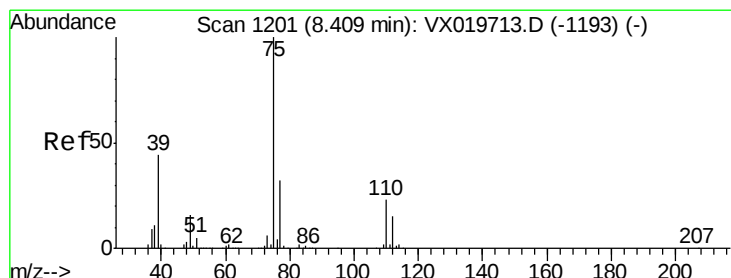
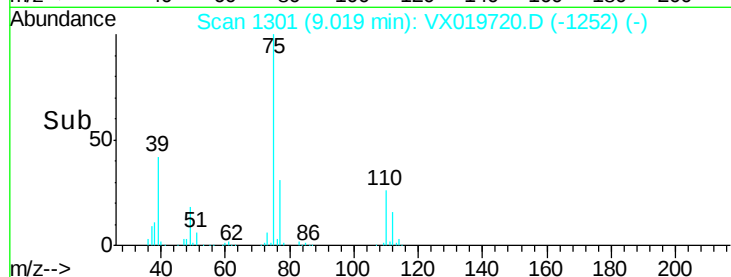
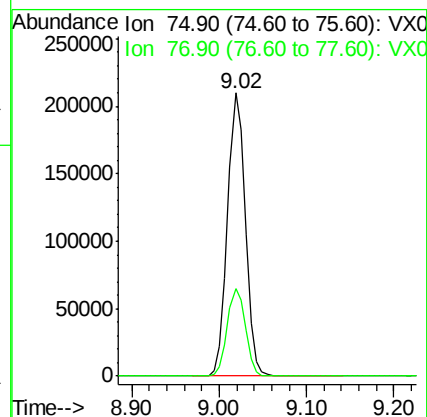
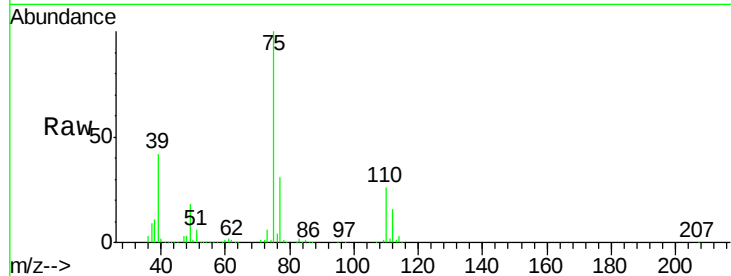




#53
t-1,3-Dichloropropene
Concen: 51.929 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

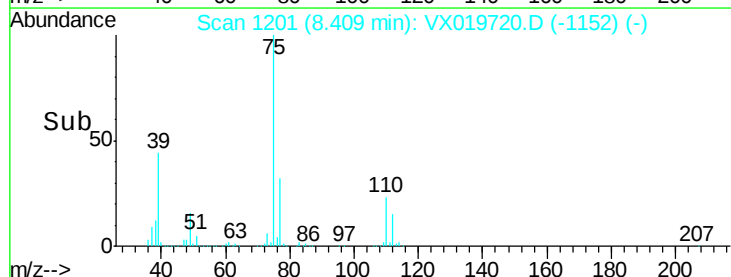
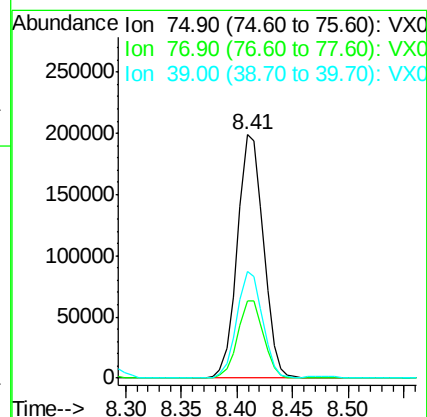
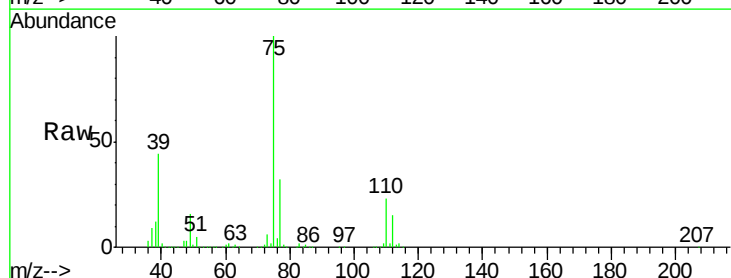
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

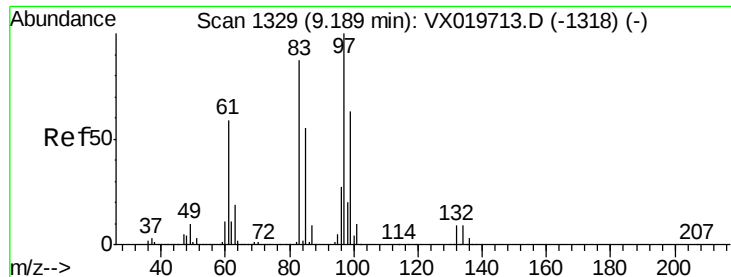
Tot Ion: 75 Resp: 296061
Ion Ratio Lower Upper
75 100
77 30.9 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 52.186 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion: 75 Resp: 323233
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
39 43.5 35.1 52.7





#55

1,1,2-Trichloroethane

Concen: 50.056 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 193540

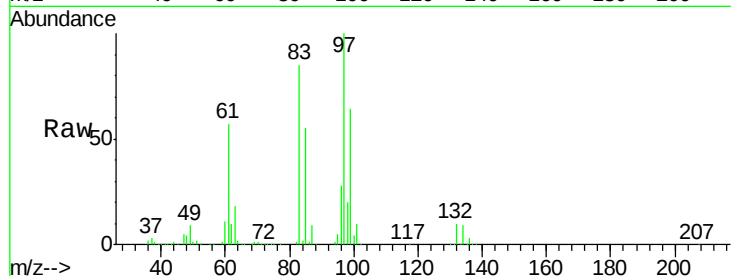
Ion Ratio Lower Upper

97 100

83 85.4 69.3 103.9

85 55.2 44.3 66.5

99 64.1 50.3 75.5

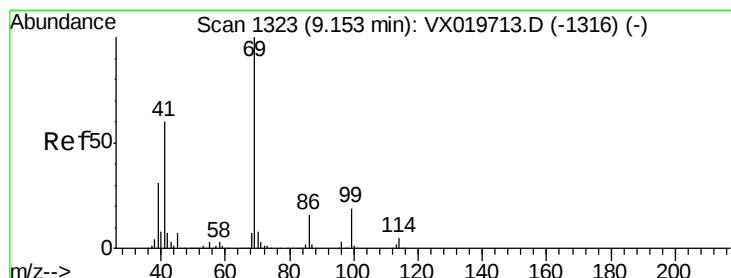
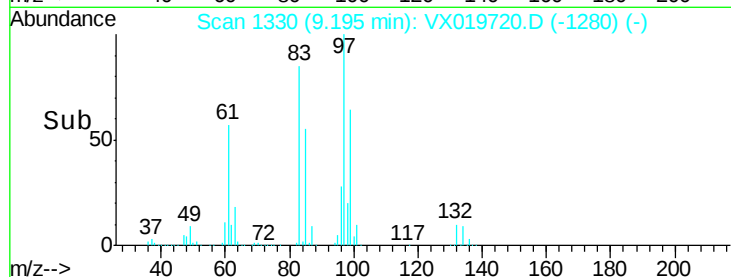
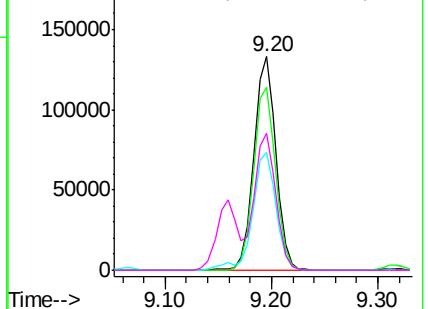


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 52.928 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

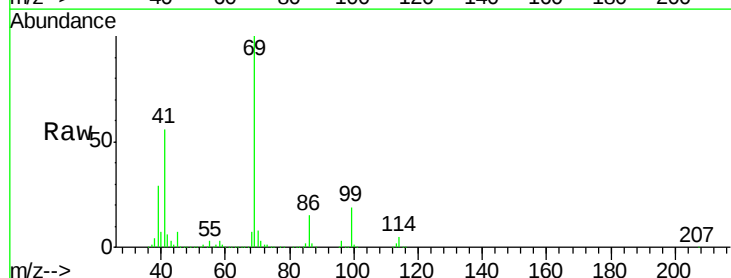
Tgt Ion: 69 Resp: 309616

Ion Ratio Lower Upper

69 100

41 56.9 46.8 70.2

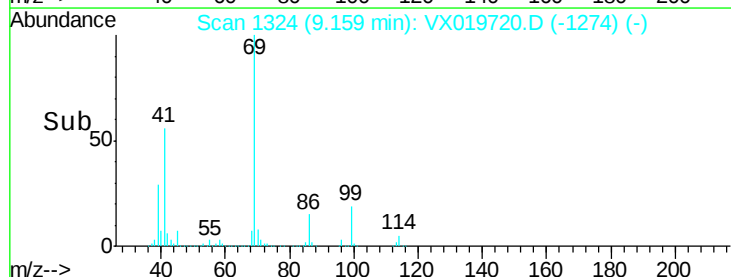
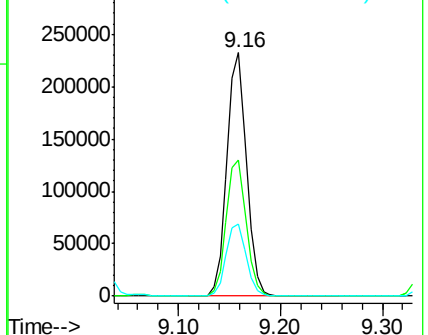
39 30.3 24.7 37.1

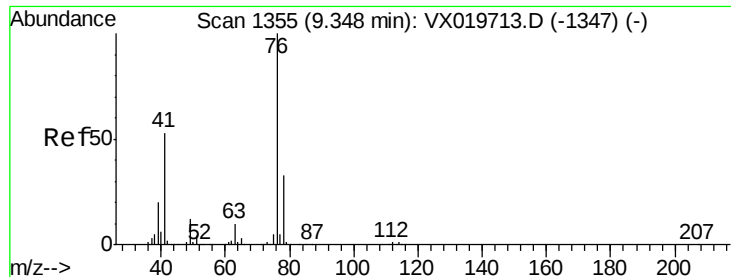


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.919 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

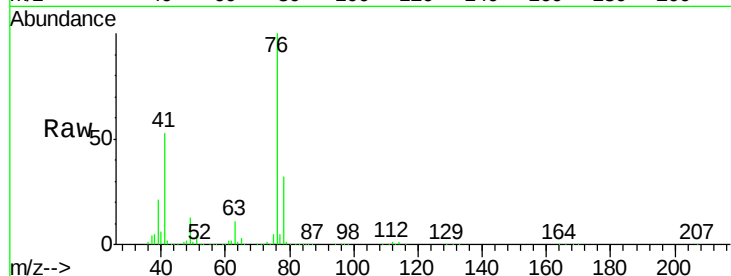
VSTDCCC050

Tot Ion: 76 Resp: 329569

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

250000

200000

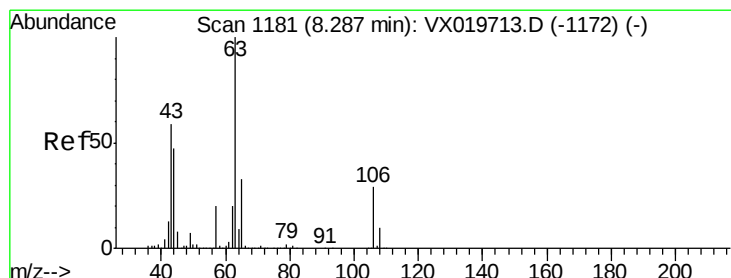
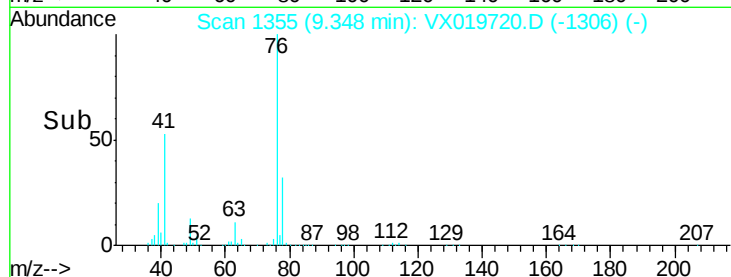
150000

100000

50000

0

Time--> 9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 256.782 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019720.D

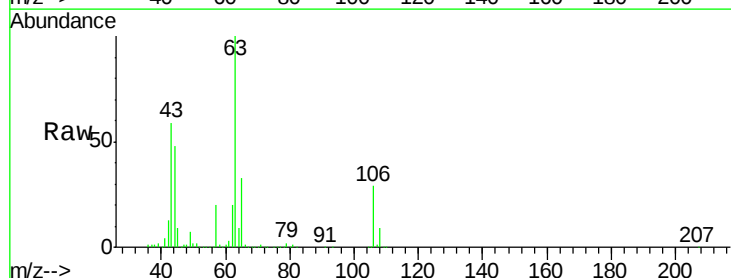
Acq: 04 Dec 2020 16:33

Tgt Ion: 63 Resp: 795766

Ion Ratio Lower Upper

63 100

106 29.9 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

600000

500000

400000

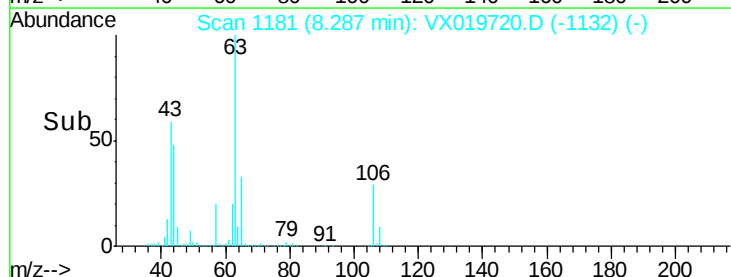
300000

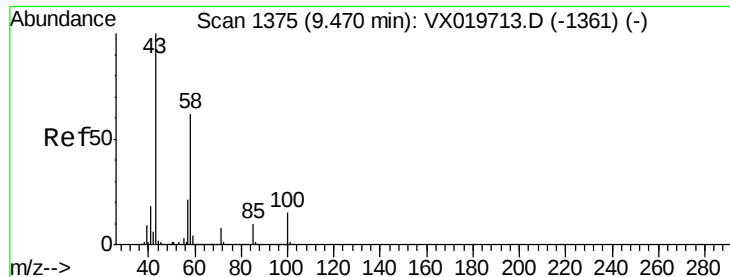
200000

100000

0

Time--> 8.20 8.30 8.40

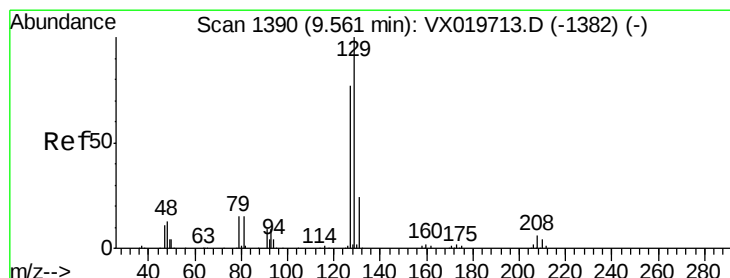
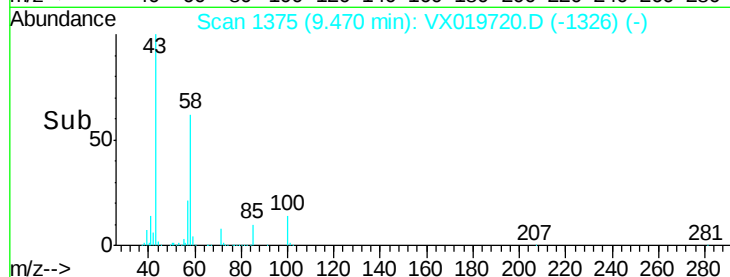
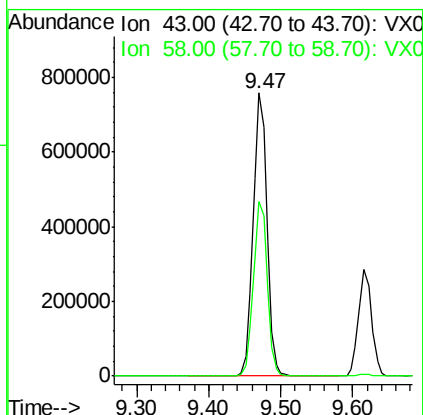
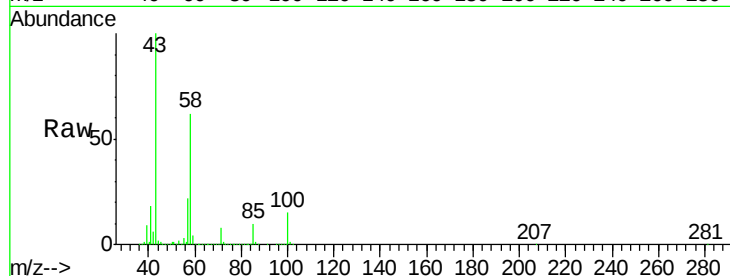




#59
2-Hexanone
Concen: 260.434 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

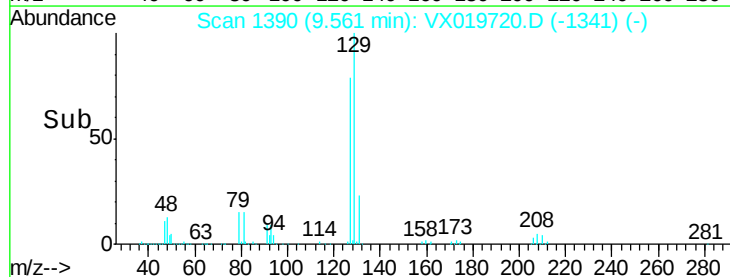
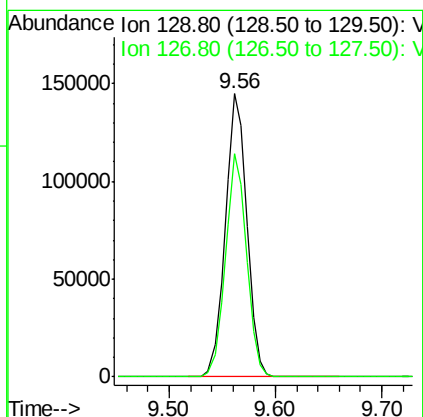
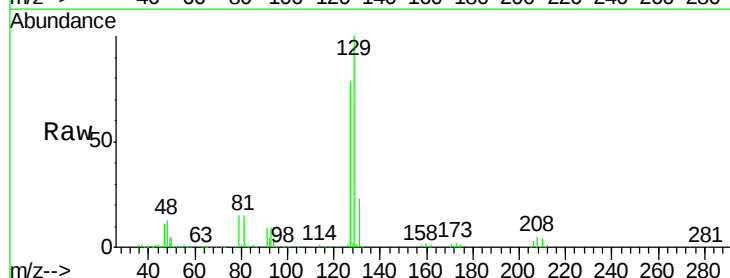
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

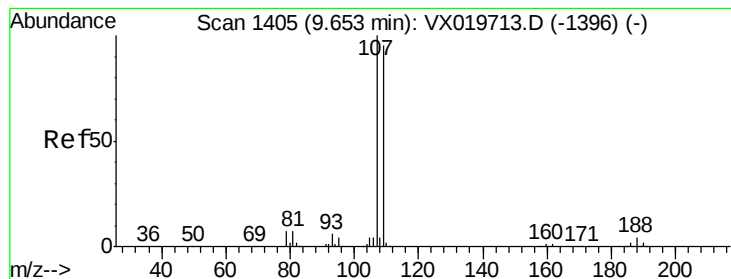
Tot Ion: 43 Resp: 1016001
Ion Ratio Lower Upper
43 100
58 61.8 30.9 92.8



#60
Dibromochloromethane
Concen: 52.265 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion: 129 Resp: 205310
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.686 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

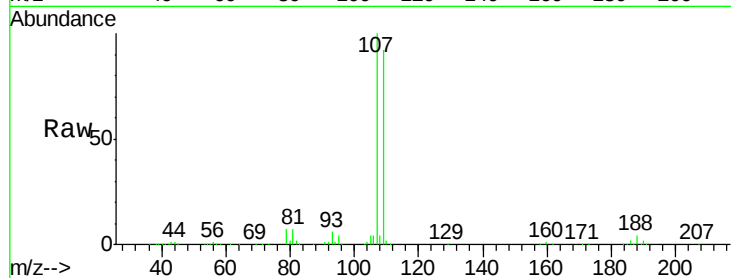
VSTDCCC050

Tot Ion: 107 Resp: 208100

Ion Ratio Lower Upper

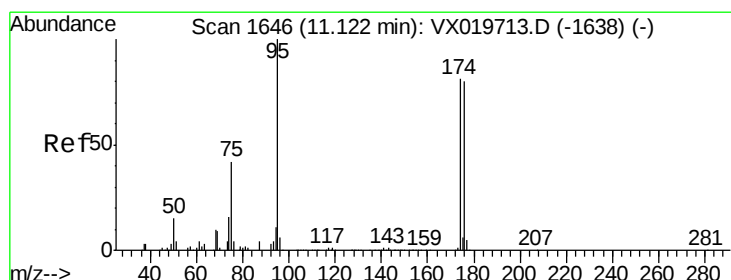
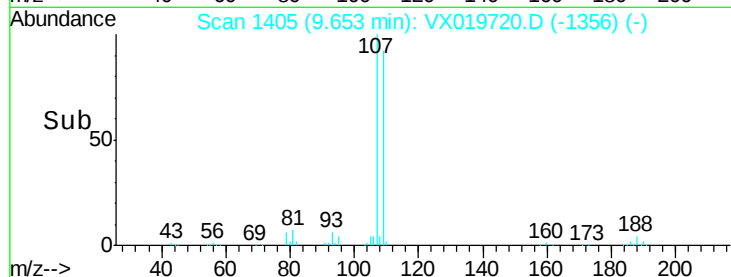
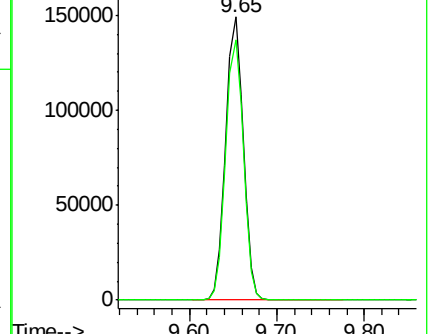
107 100

109 93.0 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.573 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

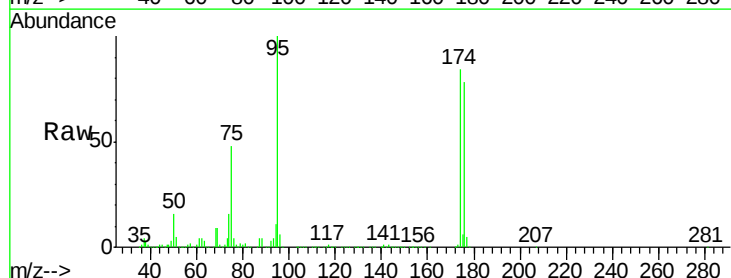
Tgt Ion: 95 Resp: 263944

Ion Ratio Lower Upper

95 100

174 79.4 0.0 154.6

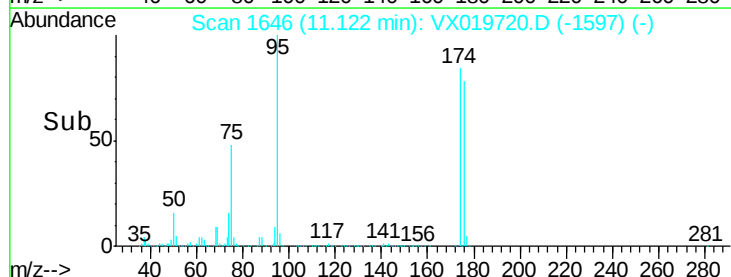
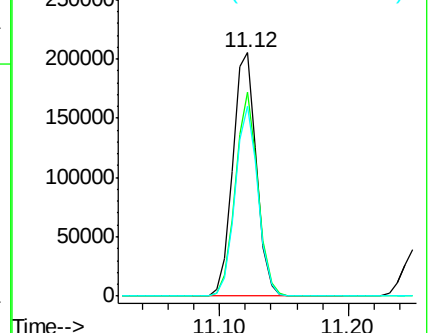
176 75.4 0.0 155.8

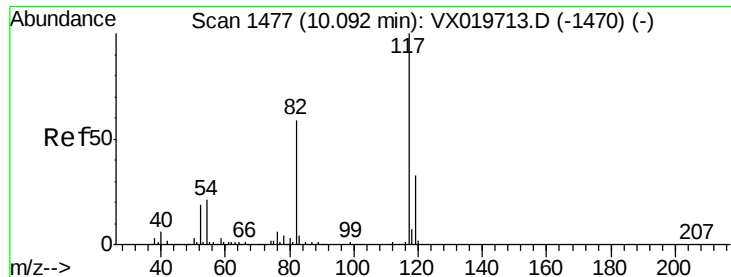


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

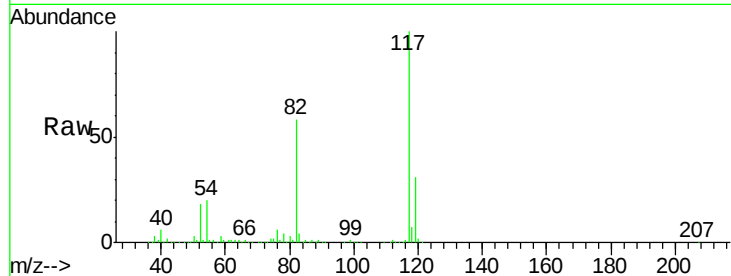




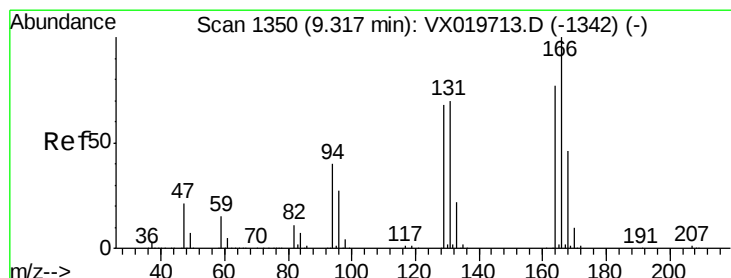
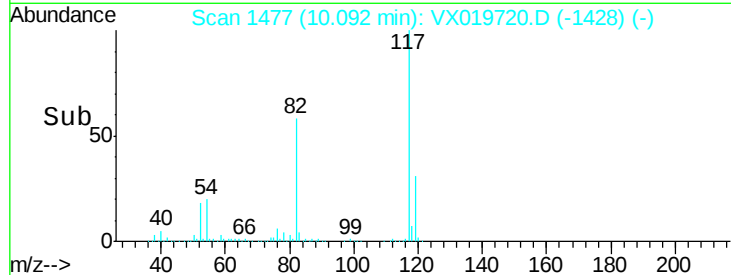
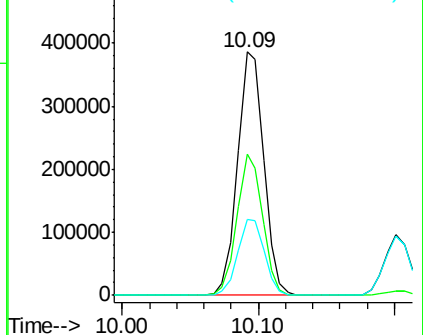
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 517922
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 31.2 26.6 39.8

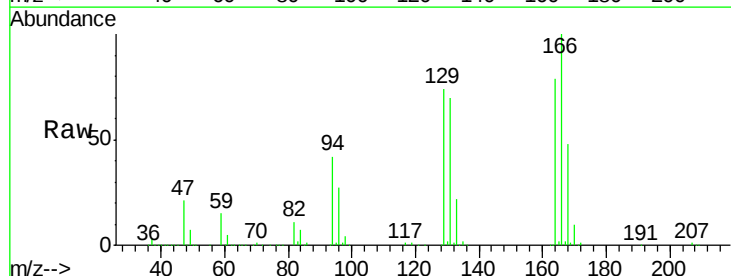


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

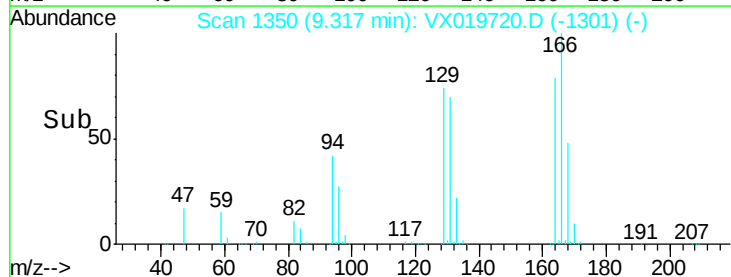
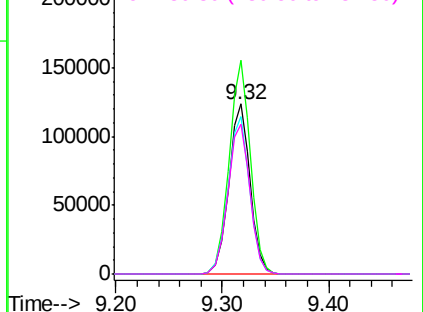


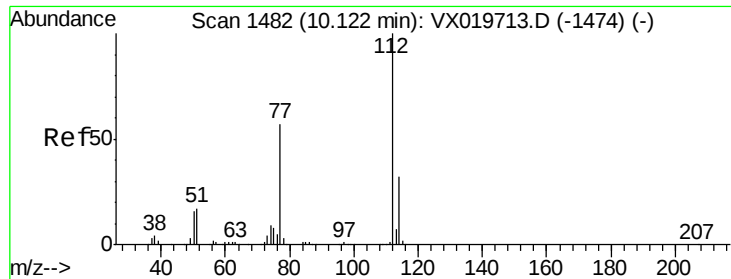
#64
Tetrachloroethene
Concen: 49.498 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion:164 Resp: 171922
Ion Ratio Lower Upper
164 100
166 125.8 103.4 155.2
129 92.7 70.8 106.2
131 88.3 72.5 108.7



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

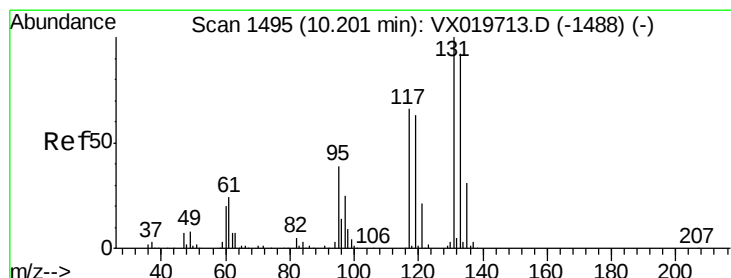
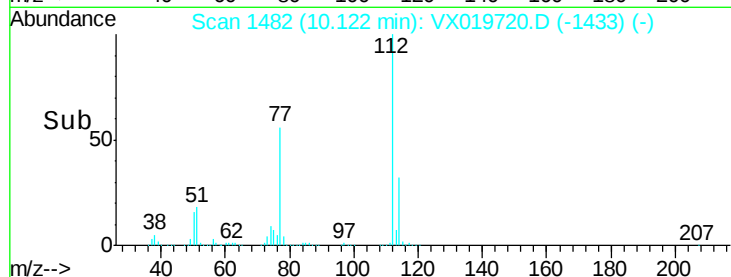
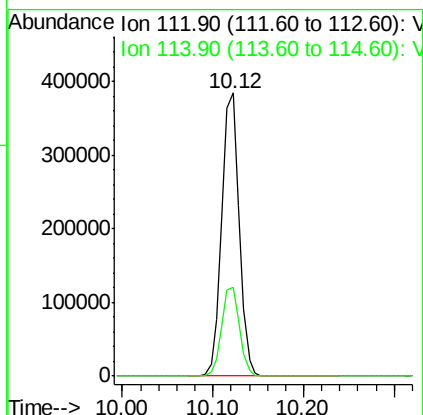
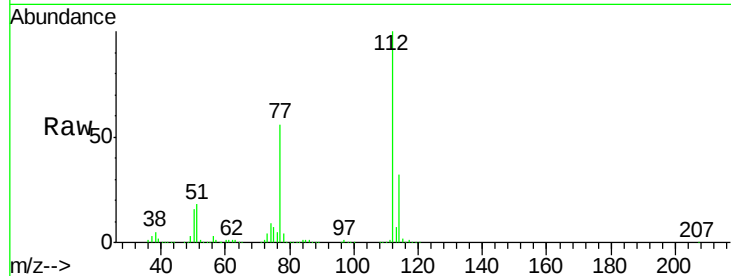




#65
Chlorobenzene
Concen: 50.085 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

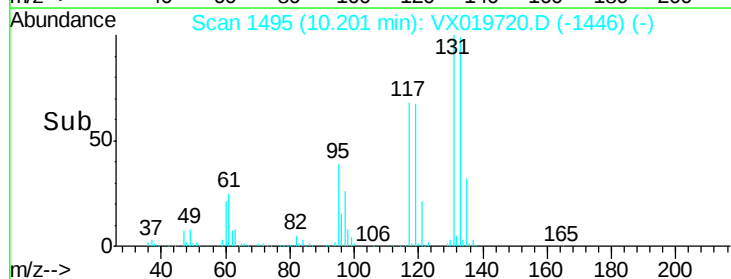
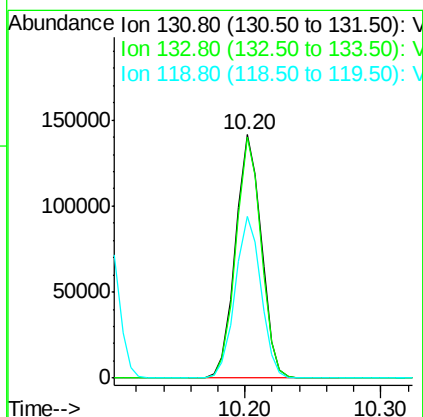
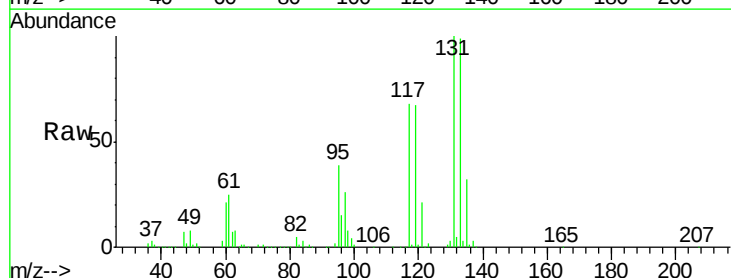
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

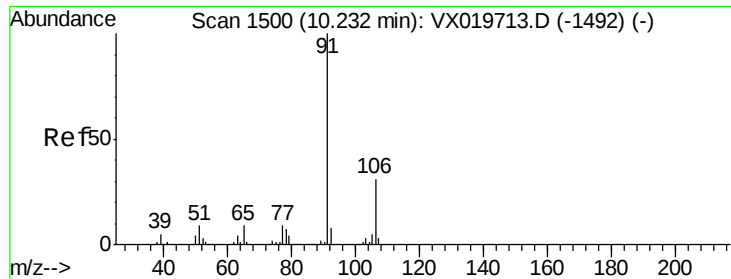
Tot Ion:112 Resp: 516802
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.416 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion:131 Resp: 187241
Ion Ratio Lower Upper
131 100
133 97.0 47.7 143.1
119 66.1 32.1 96.5

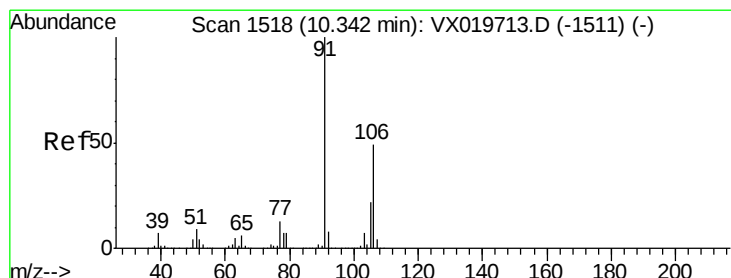
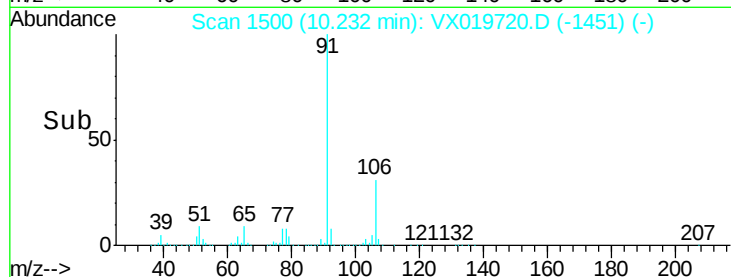
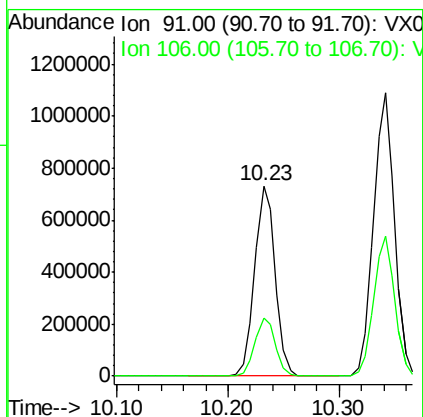
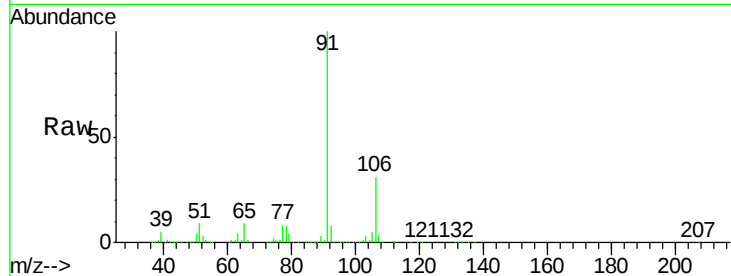




#67
Ethyl Benzene
Concen: 51.254 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

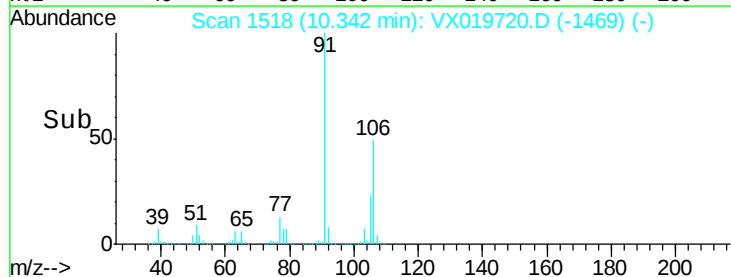
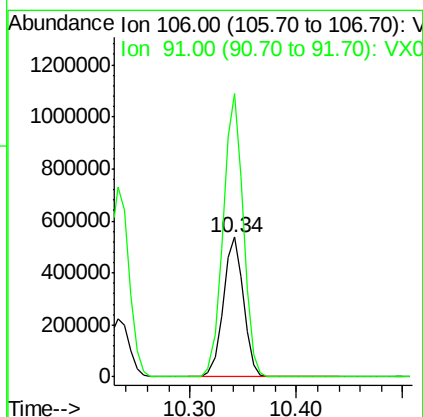
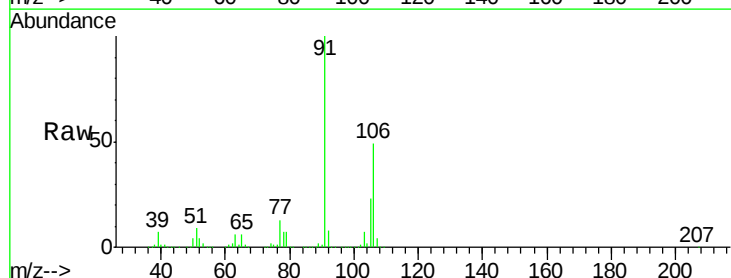
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

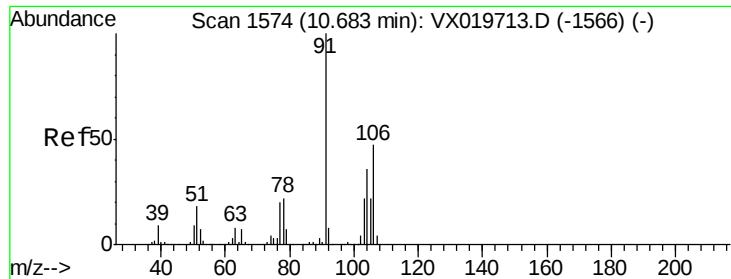
Tot Ion: 91 Resp: 938753
Ion Ratio Lower Upper
91 100
106 30.7 24.6 37.0



#68
m/p-Xylenes
Concen: 102.897 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion: 106 Resp: 710157
Ion Ratio Lower Upper
106 100
91 202.1 162.8 244.2

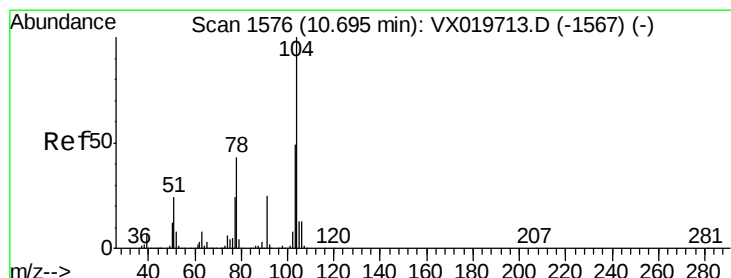
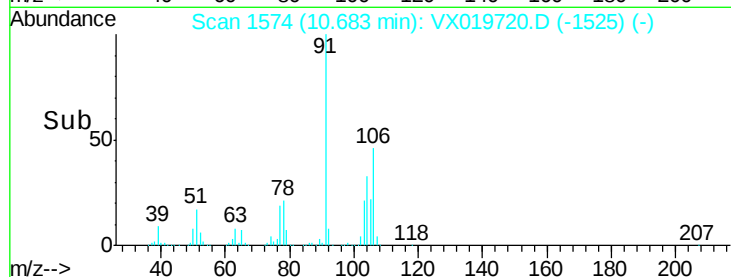
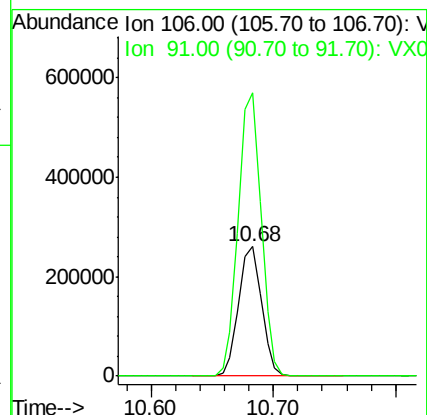
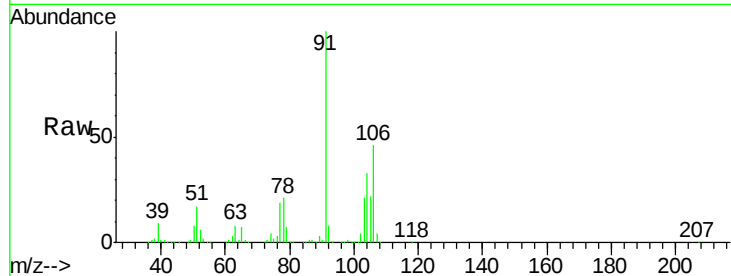




#69
o-Xylene
Concen: 50.912 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

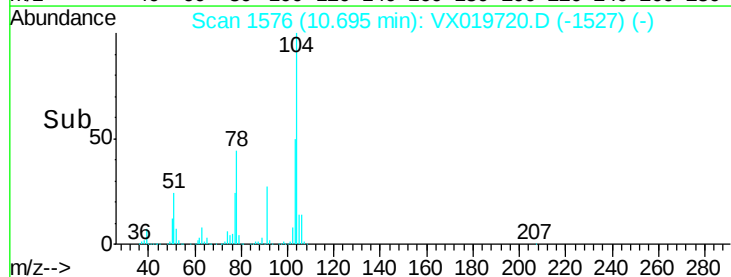
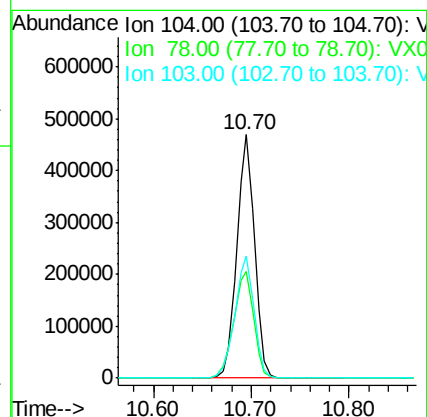
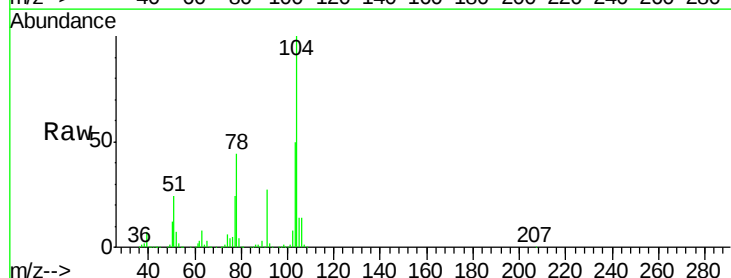
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

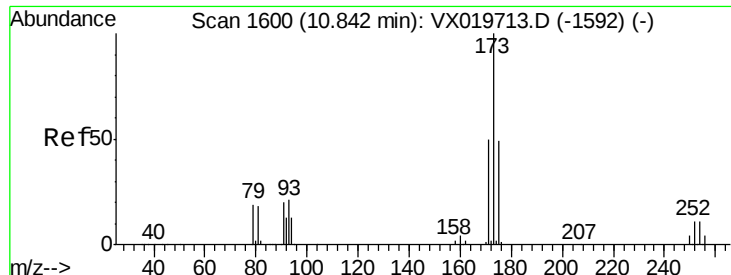
Tot Ion:106 Resp: 338003
Ion Ratio Lower Upper
106 100
91 218.2 108.1 324.2



#70
Styrene
Concen: 52.488 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion:104 Resp: 588177
Ion Ratio Lower Upper
104 100
78 49.4 40.0 60.0
103 54.3 43.4 65.0





#71

Bromoform

Concen: 51.313 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

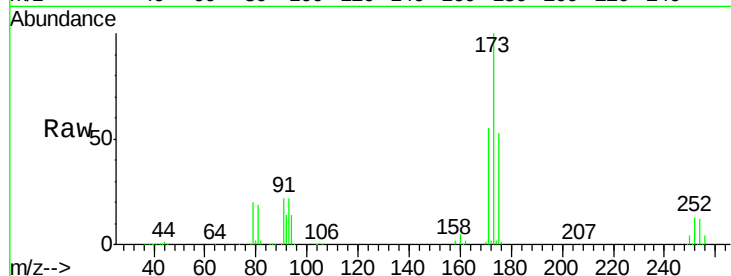
Tot Ion:173 Resp: 149918

Ion Ratio Lower Upper

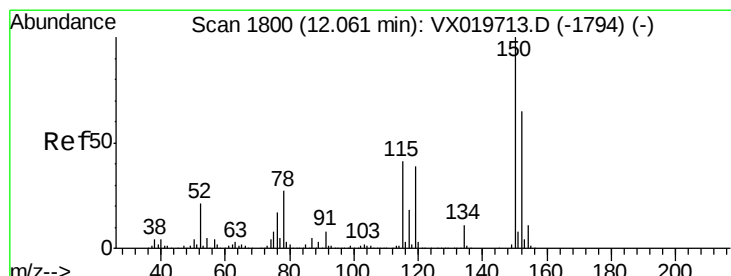
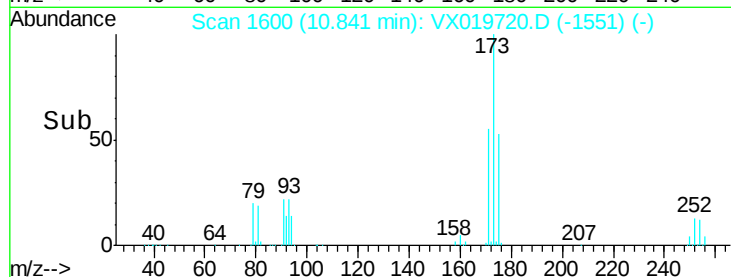
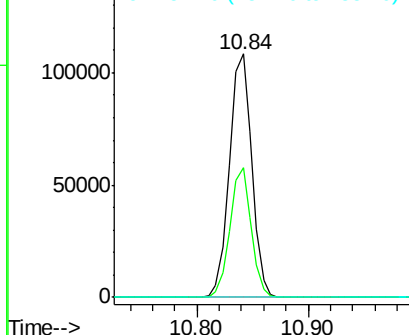
173 100

175 50.7 23.9 71.8

254 0.2 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: VX019720.D

Acq: 04 Dec 2020 16:33

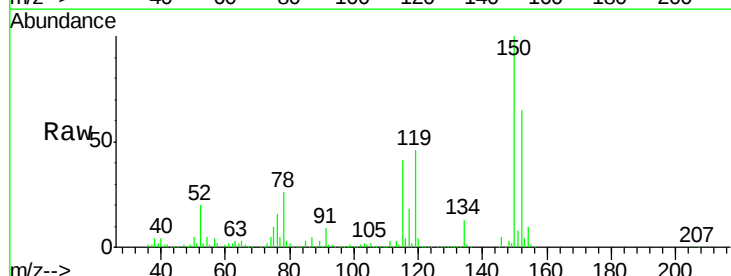
Tgt Ion:152 Resp: 262899

Ion Ratio Lower Upper

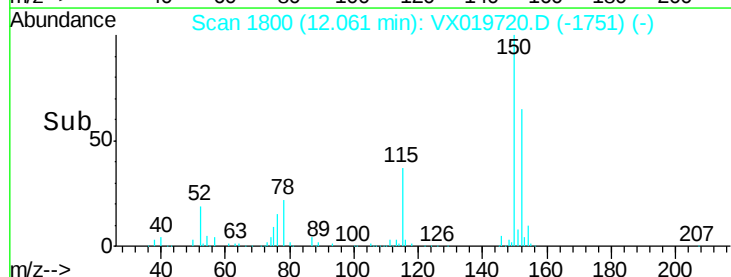
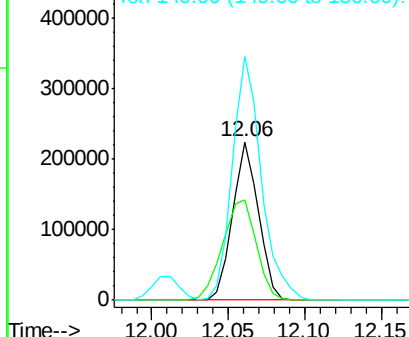
152 100

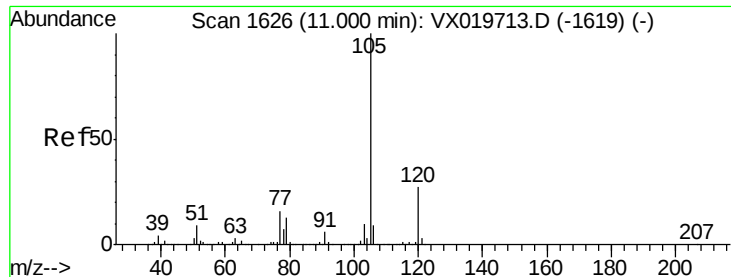
115 82.8 41.1 123.3

150 172.6 0.0 349.0



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

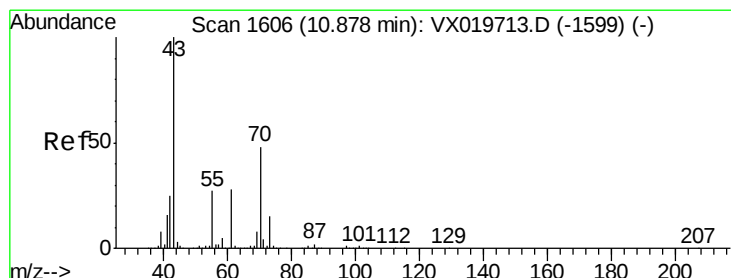
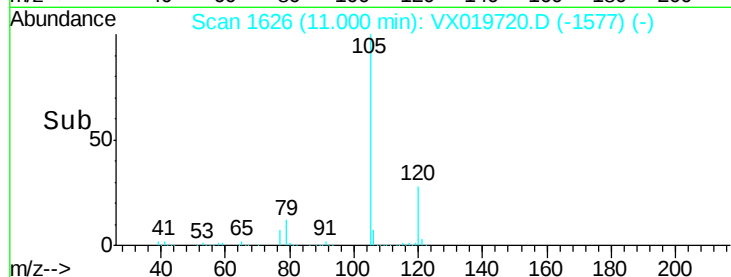
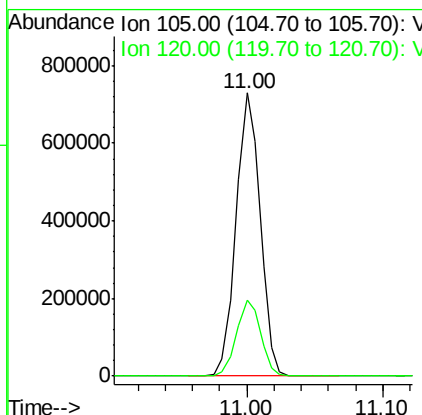
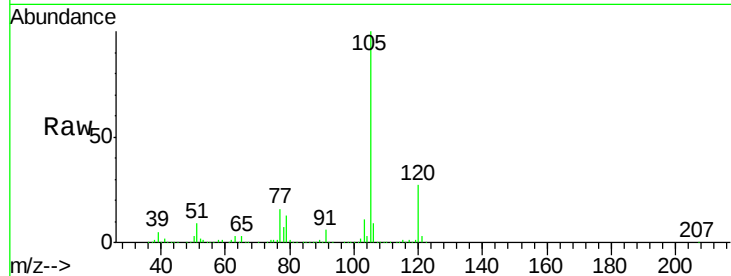




#73
Isopropylbenzene
Concen: 50.016 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

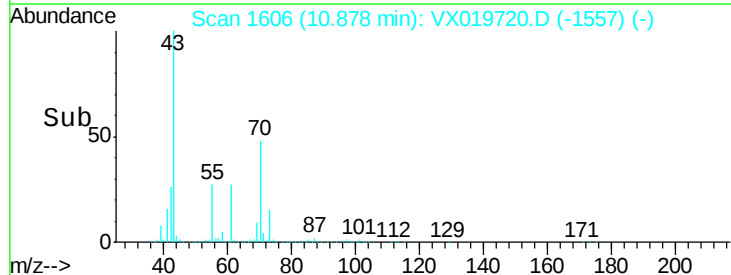
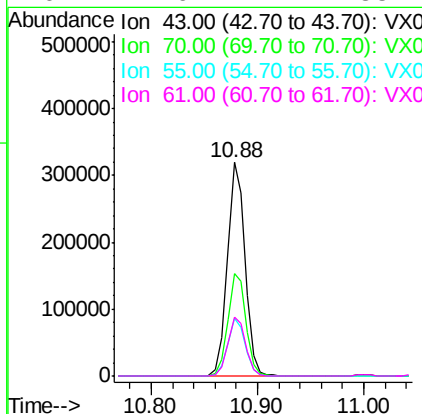
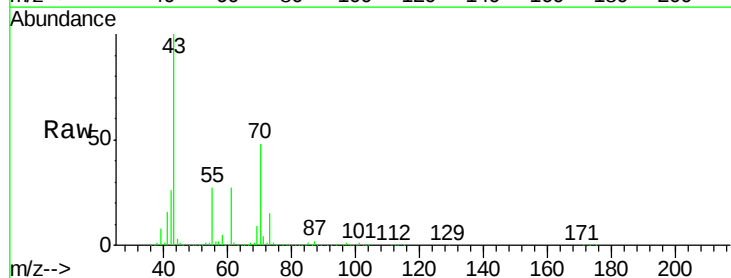
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

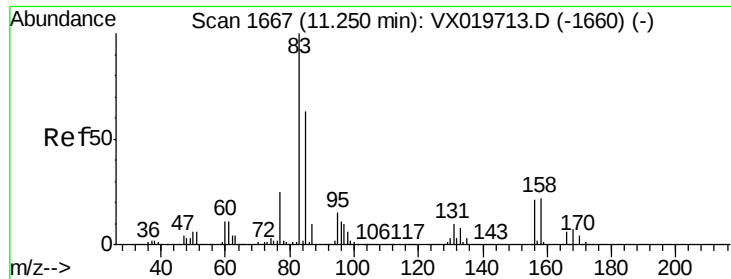
Tot Ion: 105 Resp: 898345
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6



#74
N-ethyl acetate
Concen: 51.792 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion: 43 Resp: 372789
Ion Ratio Lower Upper
43 100
70 49.0 39.0 58.6
55 27.1 21.5 32.3
61 27.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.830 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

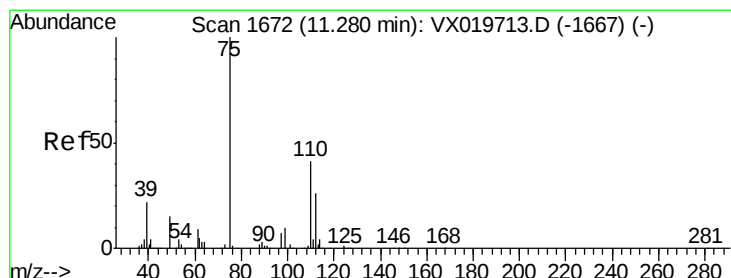
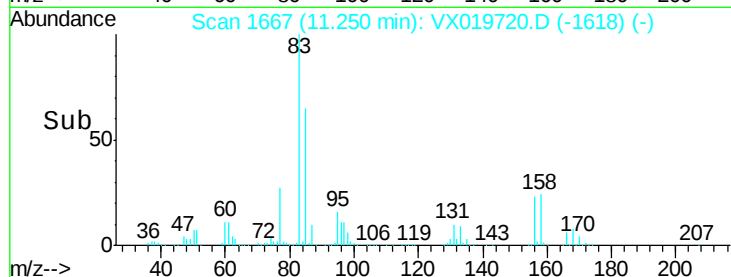
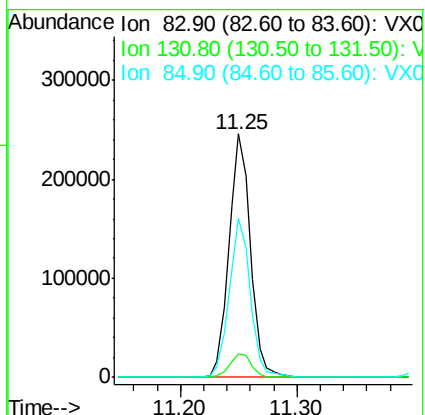
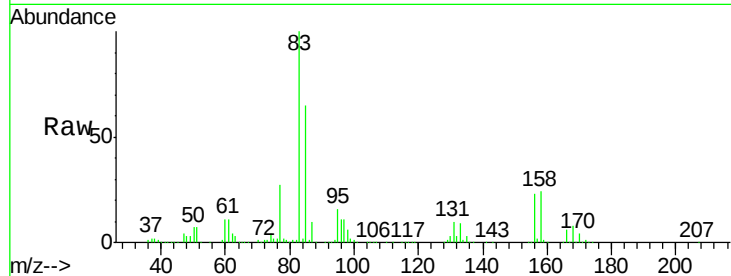
Tot Ion: 83 Resp: 315545

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

85 64.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 61.986 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019720.D

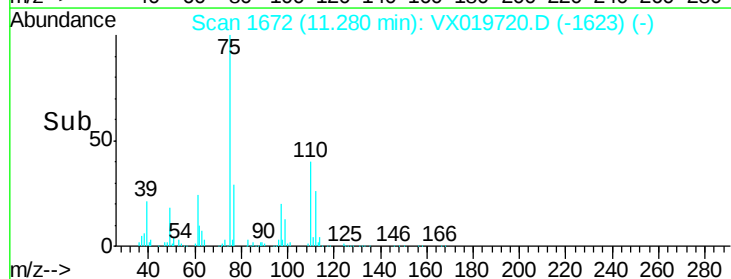
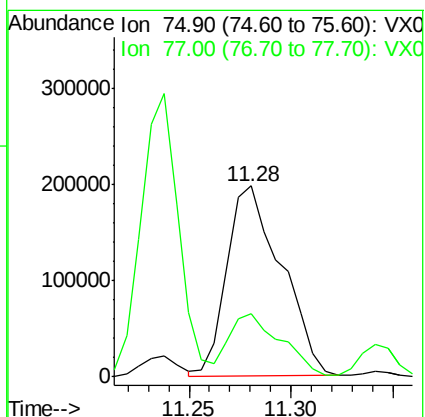
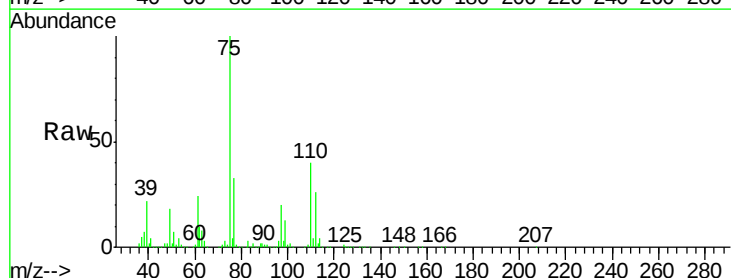
Acq: 04 Dec 2020 16:33

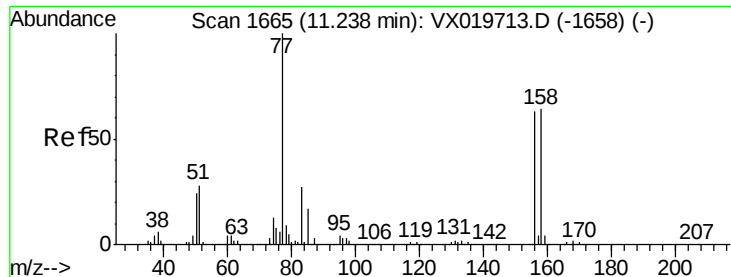
Tgt Ion: 75 Resp: 365493

Ion Ratio Lower Upper

75 100

77 31.8 19.1 57.5





#77

Bromobenzene

Concen: 49.499 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

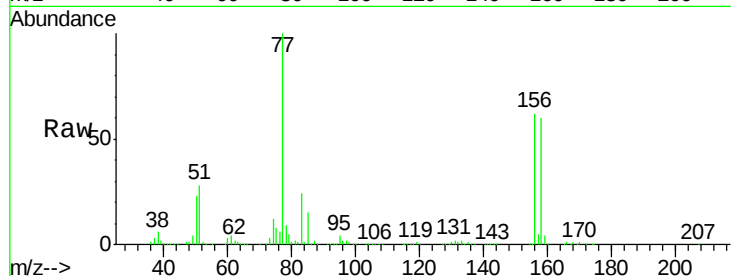
Tot Ion:156 Resp: 227522

Ion Ratio Lower Upper

156 100

77 165.4 82.8 248.6

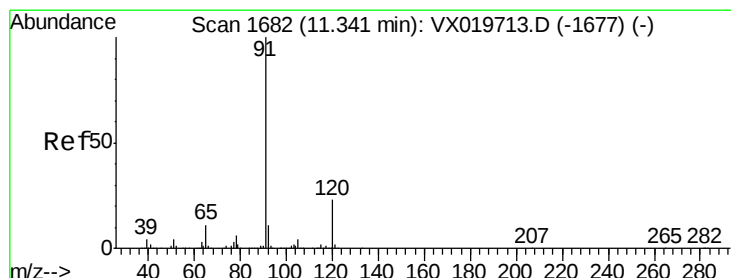
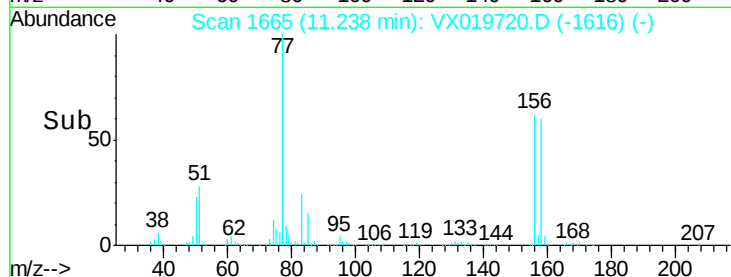
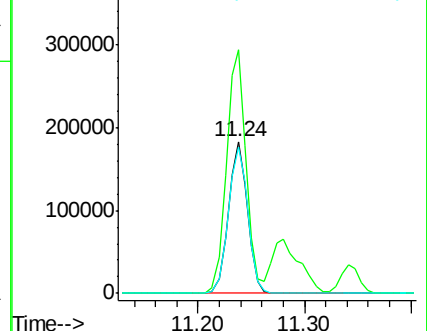
158 99.2 49.1 147.4



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: 51.511 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019720.D

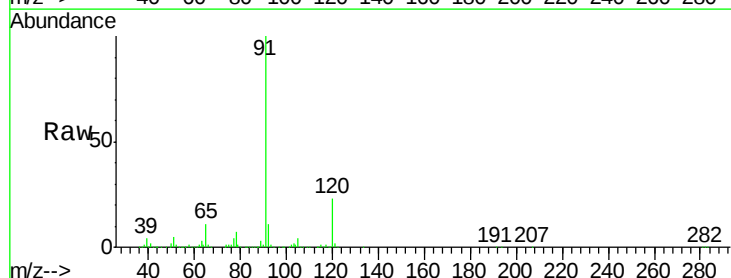
Acq: 04 Dec 2020 16:33

Tgt Ion: 91 Resp: 1056717

Ion Ratio Lower Upper

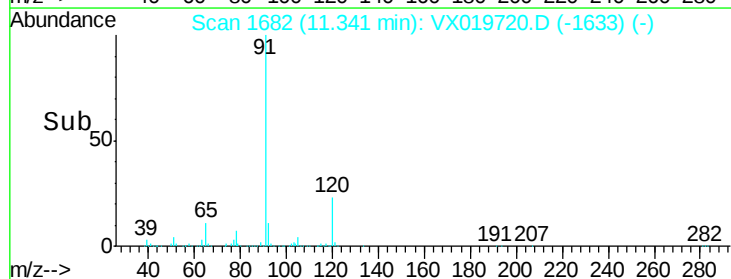
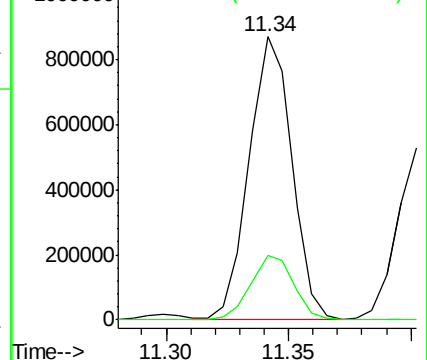
91 100

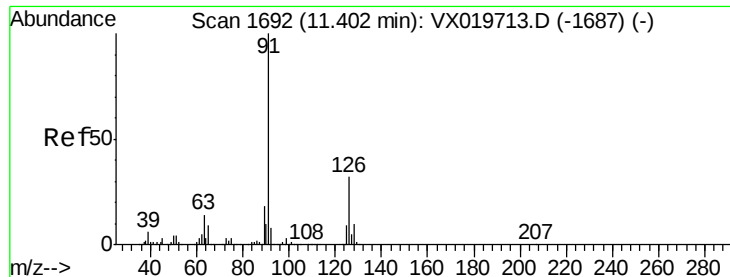
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

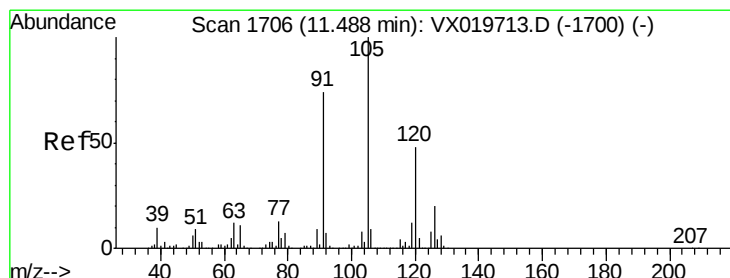
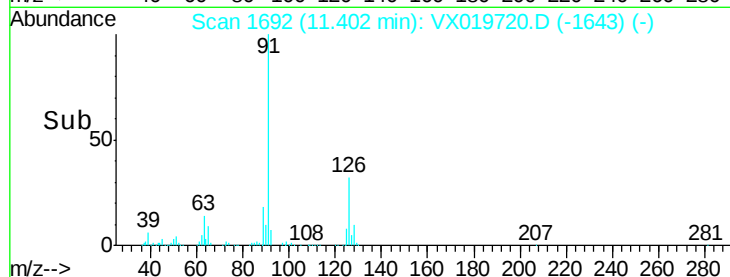
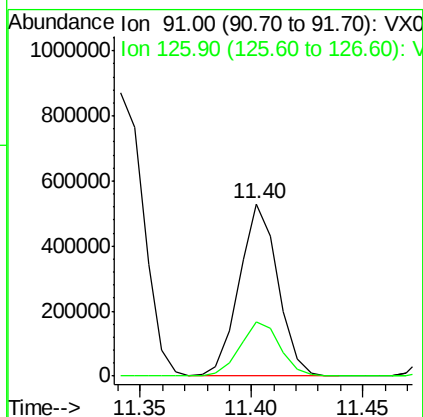
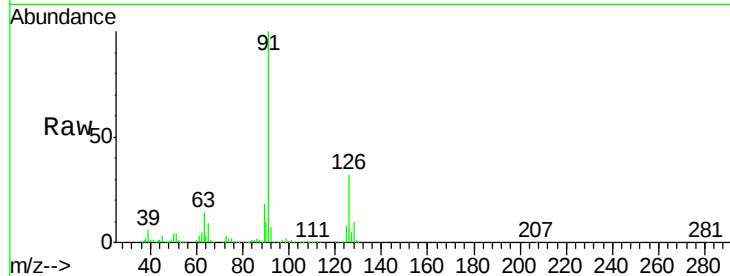




#79
 2-Chlorotoluene
 Concen: 50.661 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

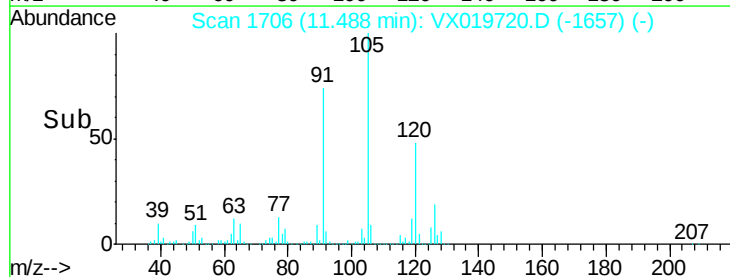
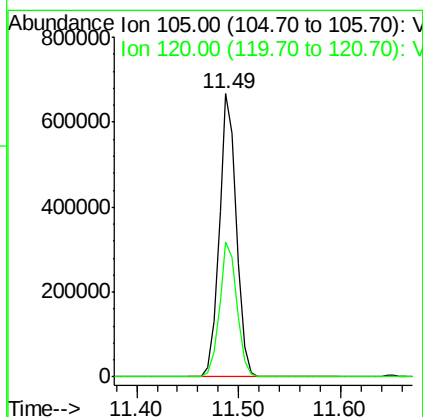
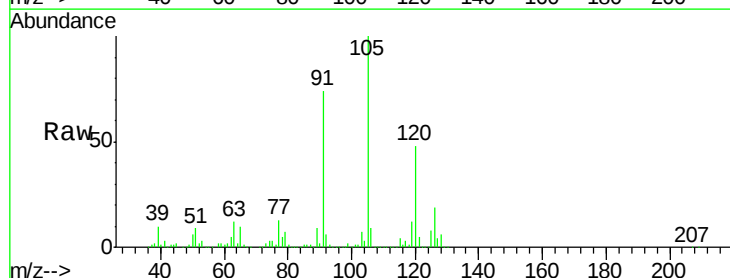
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

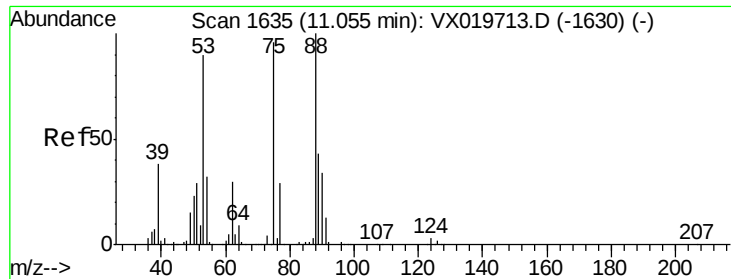
Tot Ion: 91 Resp: 640000
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 51.643 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Tgt Ion: 105 Resp: 782833
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.8 71.5

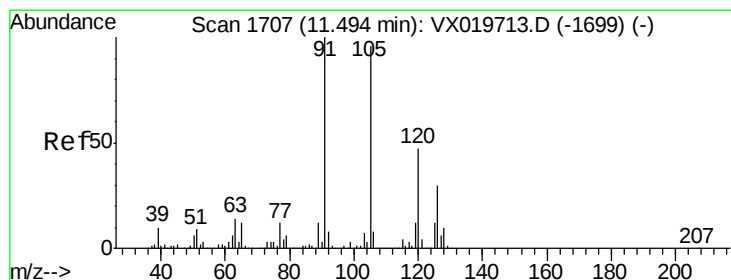
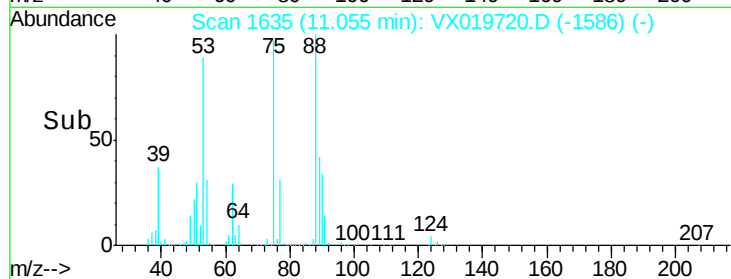
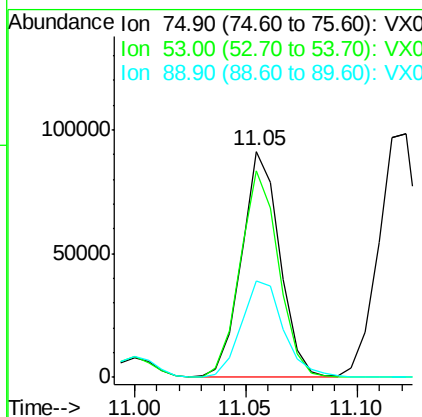
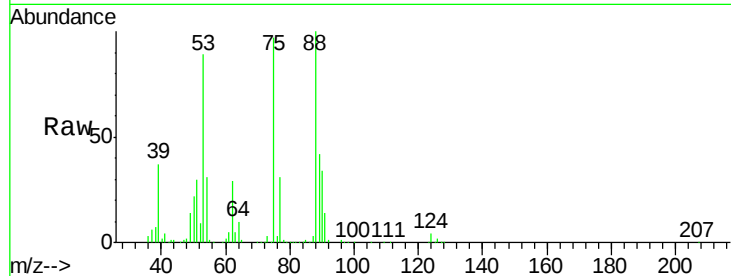




#81
trans-1,4-Dichloro-2-butene
Concen: 53.490 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

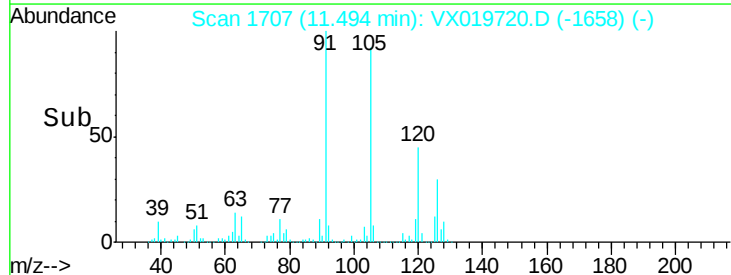
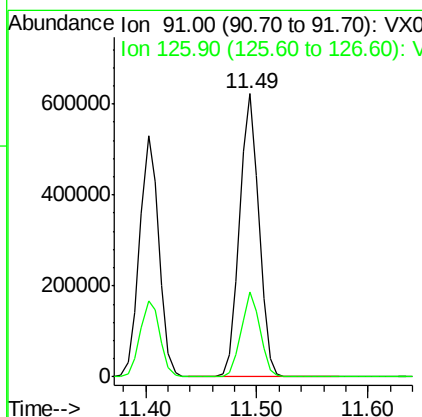
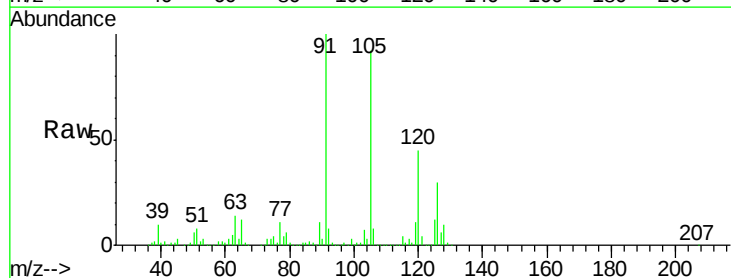
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

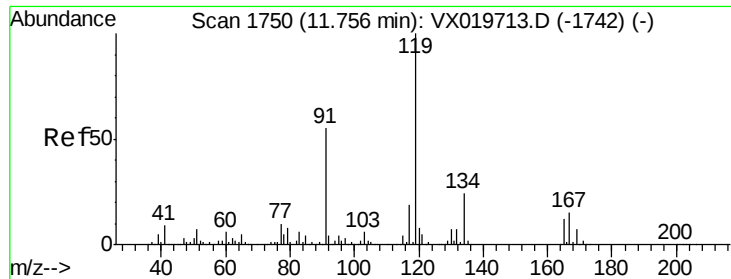
Tot Ion: 75 Resp: 109103
Ion Ratio Lower Upper
75 100
53 92.0 74.5 111.7
89 47.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 50.873 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion: 91 Resp: 752691
Ion Ratio Lower Upper
91 100
126 29.0 14.9 44.5

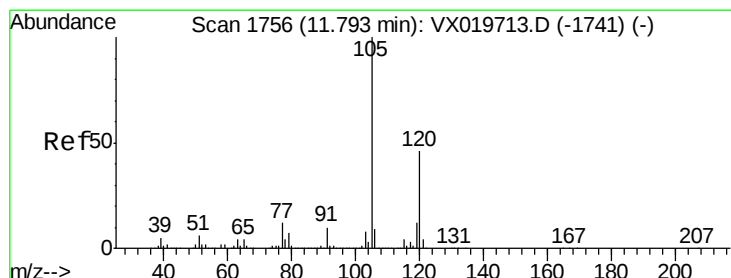
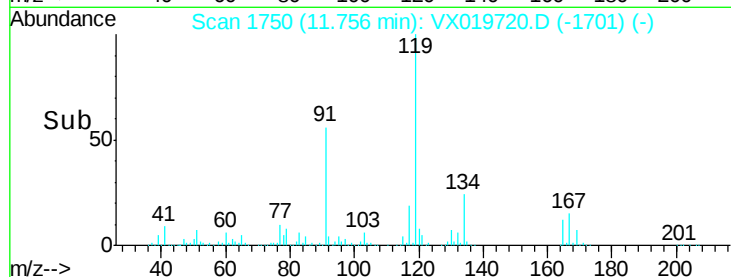
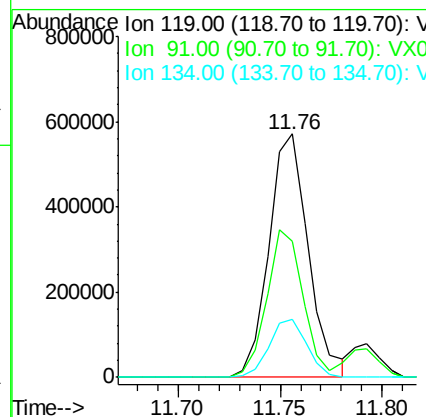
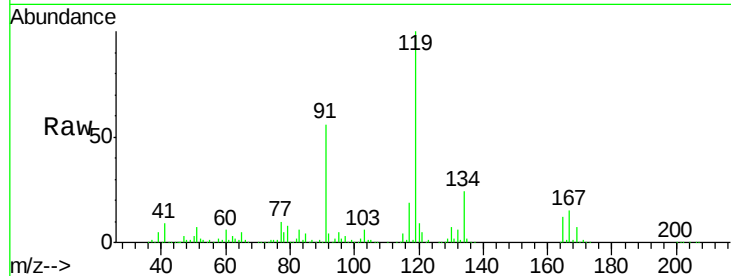




#83
tert-Butylbenzene
Concen: 51.640 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

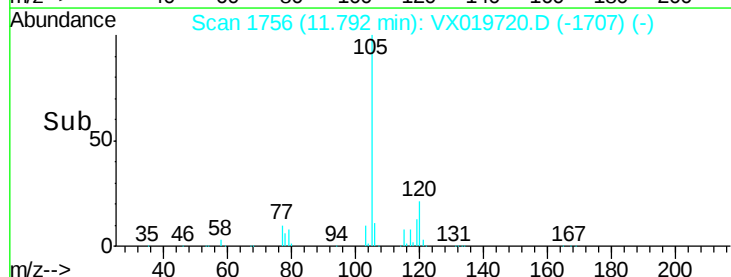
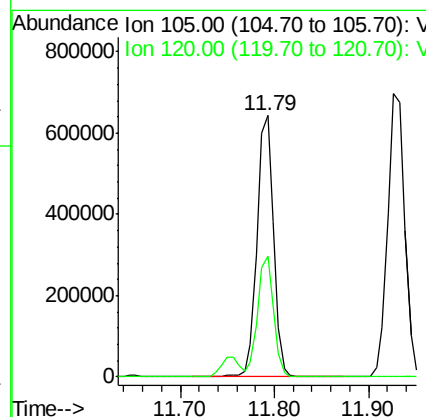
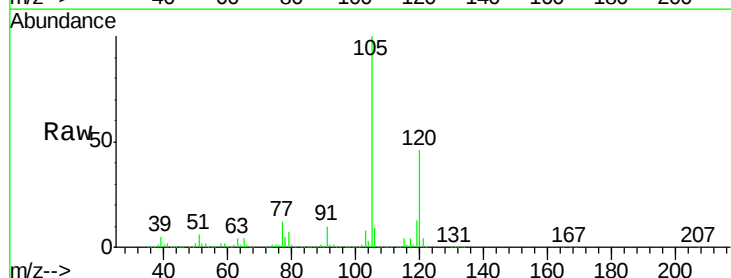
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

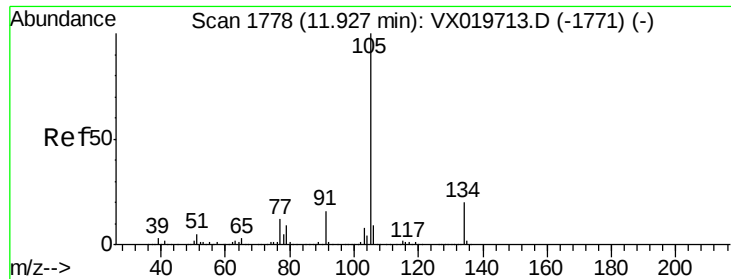
Tot Ion:119 Resp: 767724
Ion Ratio Lower Upper
119 100
91 56.1 27.9 83.7
134 23.0 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 52.262 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion:105 Resp: 798018
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.3





#85

sec-Butylbenzene

Concen: 51.768 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

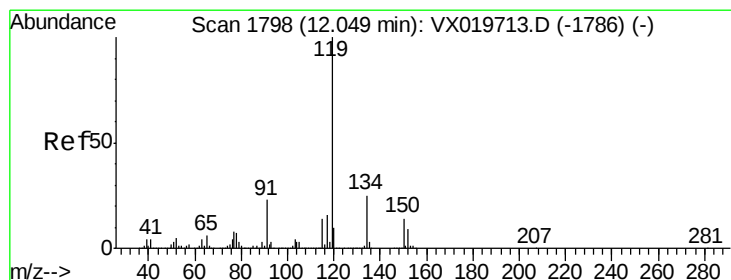
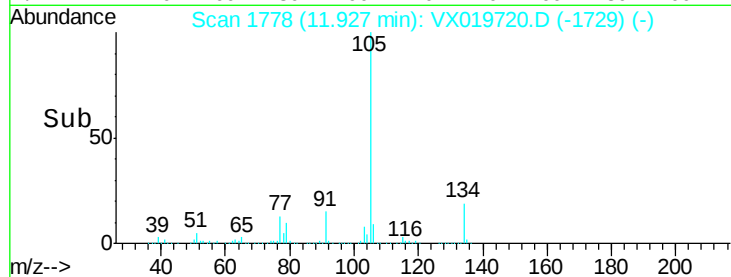
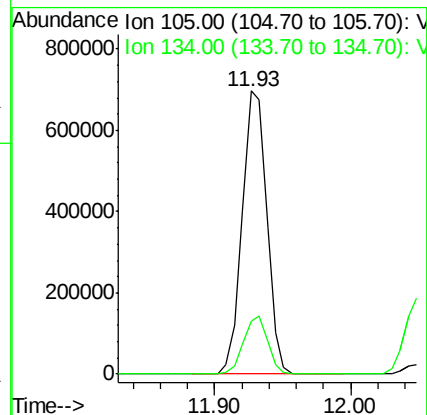
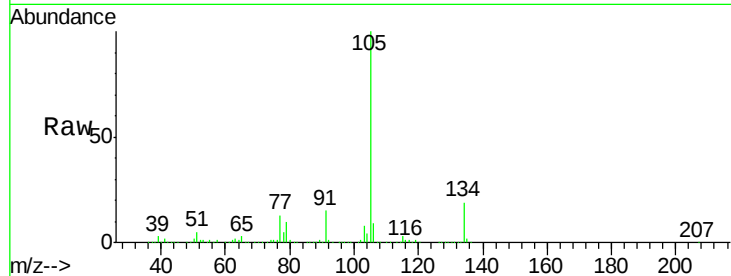
VSTDCCC050

Tot Ion:105 Resp: 878707

Ion Ratio Lower Upper

105 100

134 19.9 10.0 29.8



#86

p-Isopropyltoluene

Concen: 52.552 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

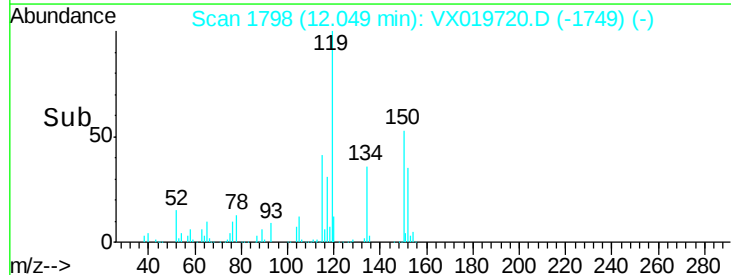
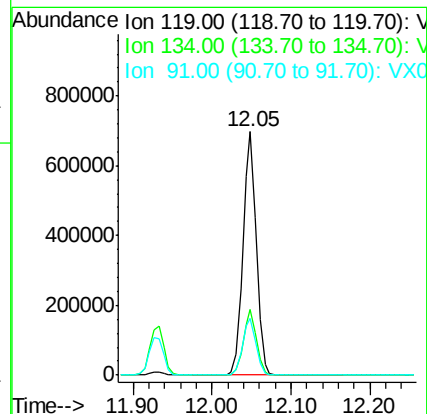
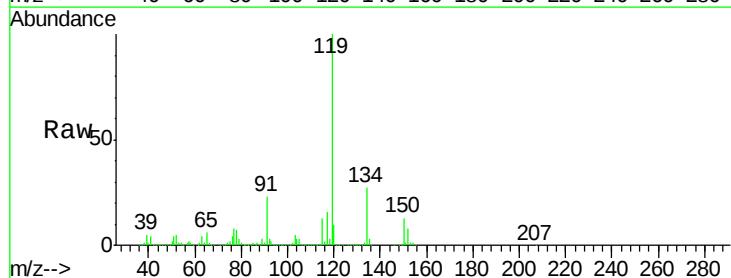
Tgt Ion:119 Resp: 817502

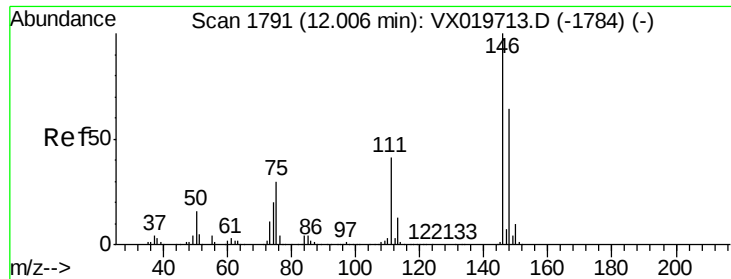
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 23.5 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 49.347 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

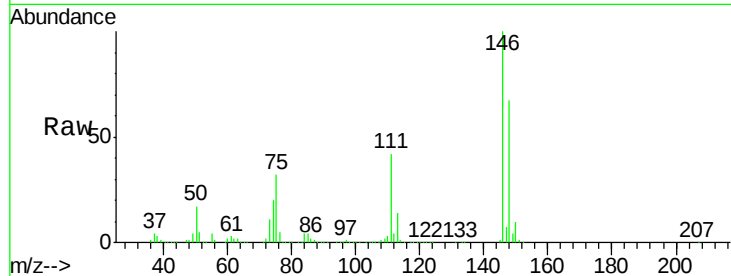
Tot Ion:146 Resp: 416304

Ion Ratio Lower Upper

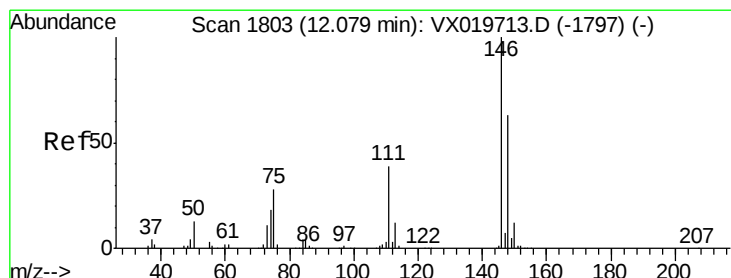
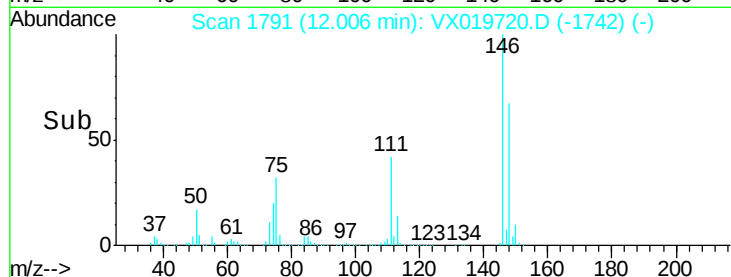
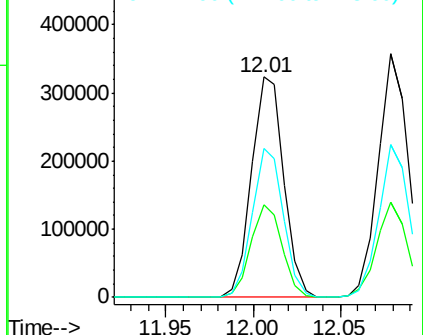
146 100

111 41.0 20.2 60.5

148 65.3 31.9 95.7



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: 49.684 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

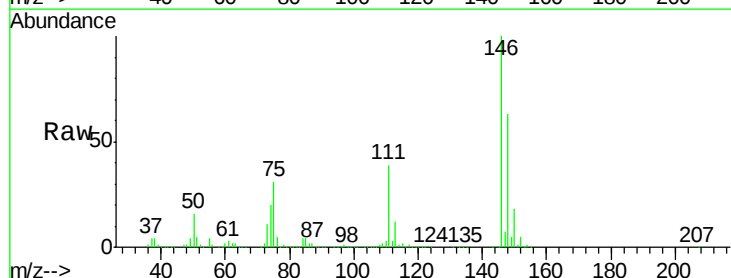
Tgt Ion:146 Resp: 426905

Ion Ratio Lower Upper

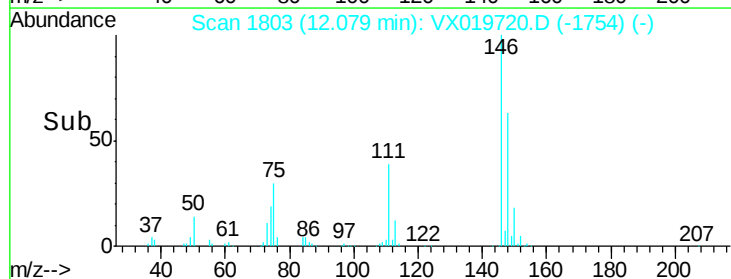
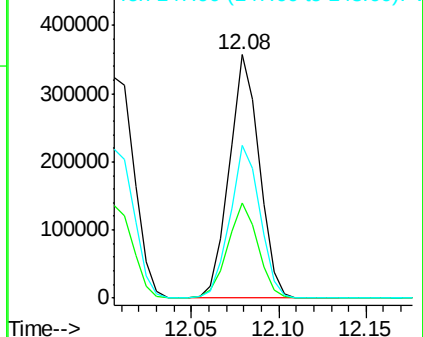
146 100

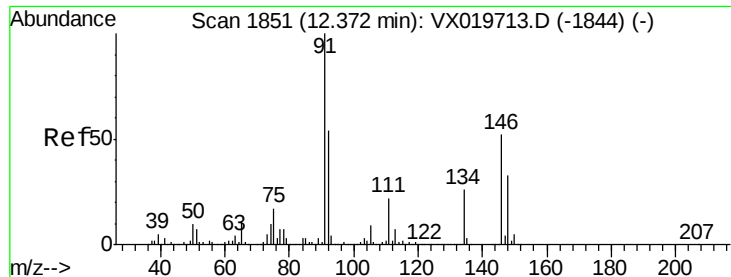
111 39.5 19.6 58.8

148 63.3 31.6 95.0



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

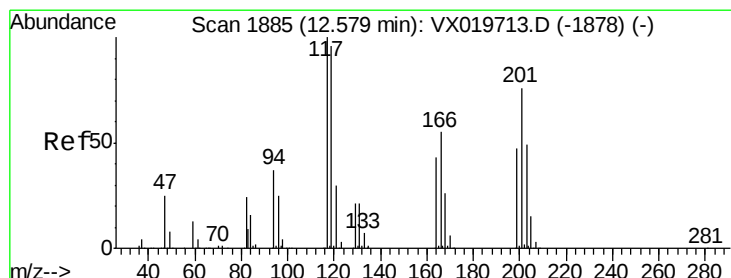
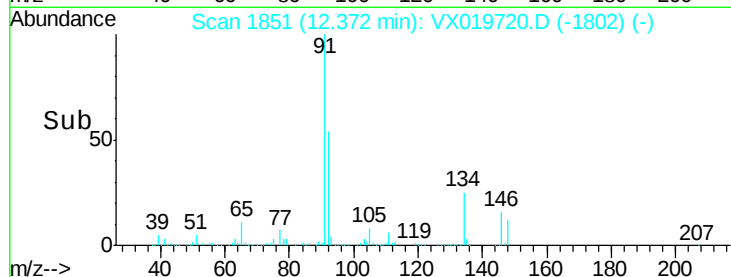
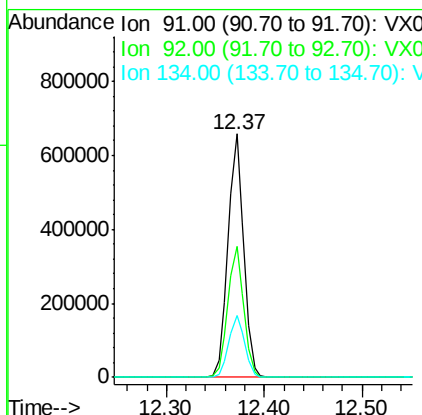
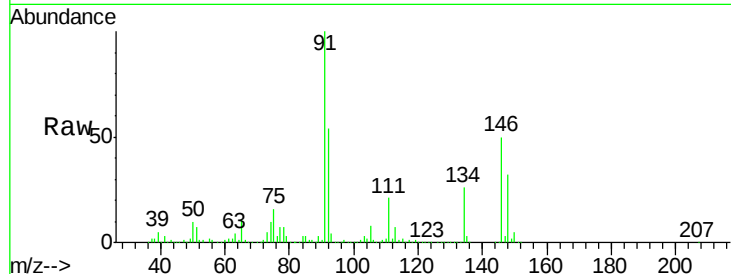




#89
n-Butylbenzene
Concen: 53.174 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

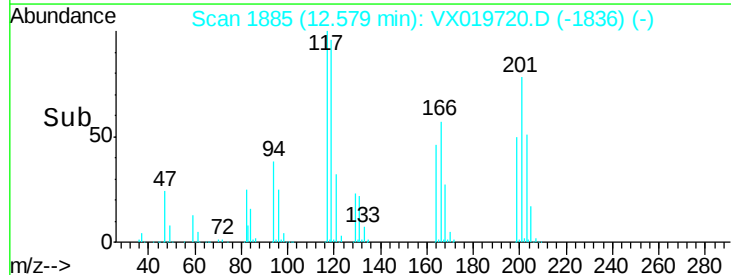
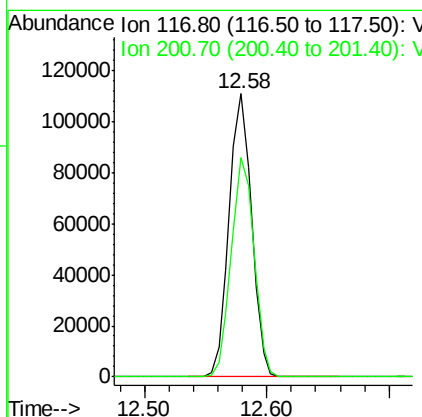
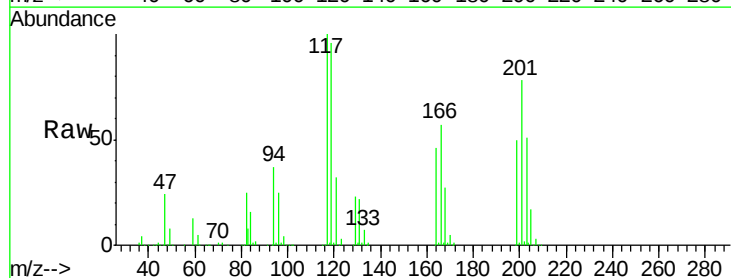
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

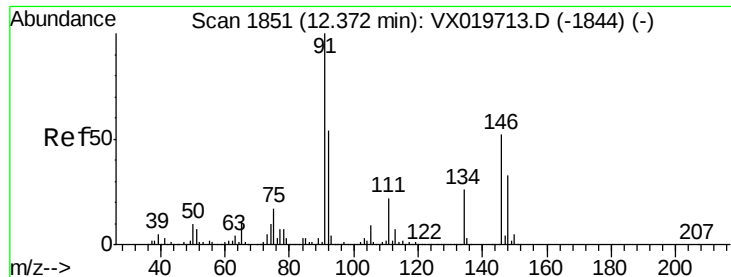
Tot Ion: 91 Resp: 732864
Ion Ratio Lower Upper
91 100
92 54.4 27.4 82.0
134 26.0 13.2 39.5



#90
Hexachloroethane
Concen: 52.381 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion: 117 Resp: 140680
Ion Ratio Lower Upper
117 100
201 78.8 40.4 121.2

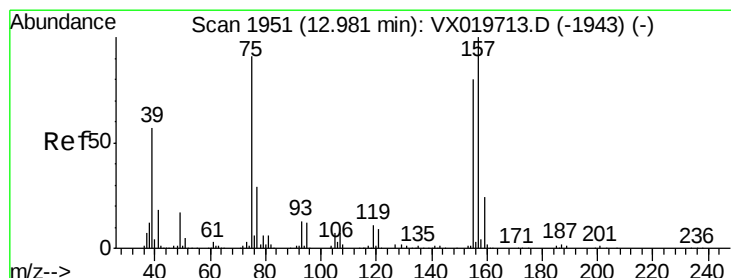
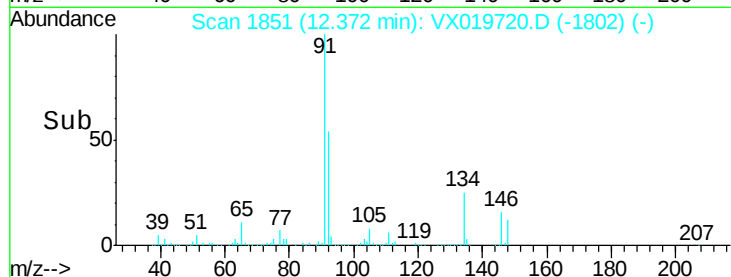
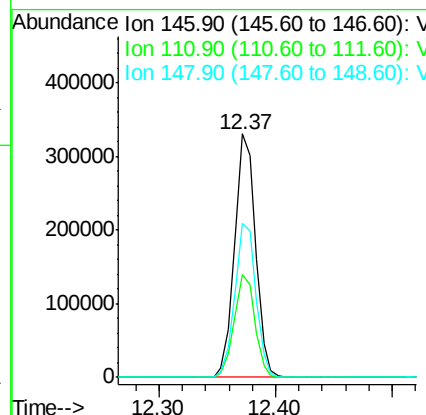
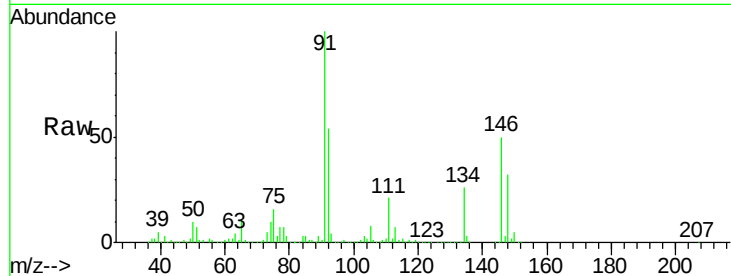




#91
 1,2-Dichlorobenzene
 Concen: 50.432 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

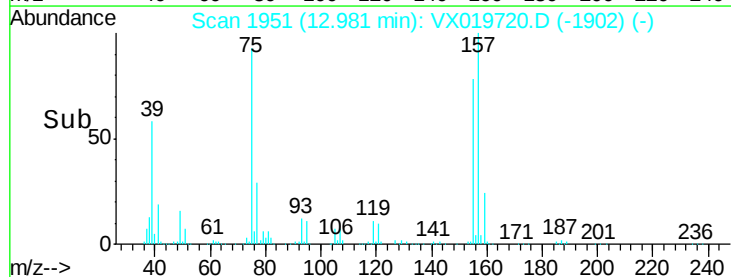
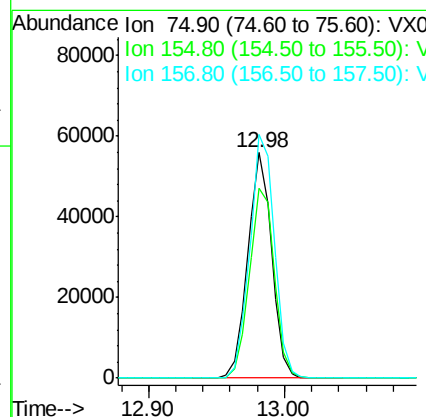
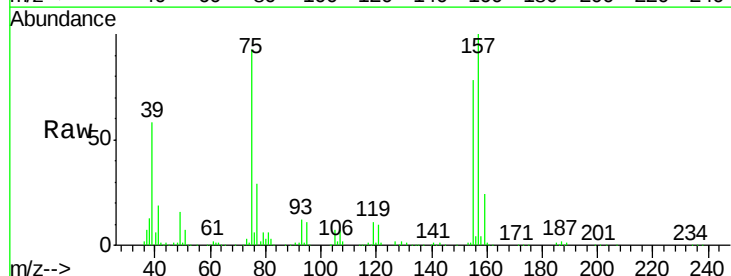
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

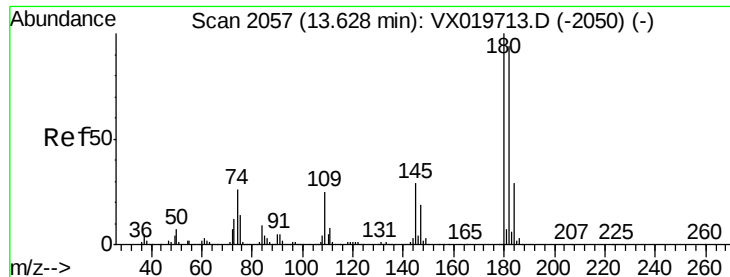
Tot Ion:146 Resp: 414742
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.8 62.2
 148 64.1 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.357 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019720.D
 Acq: 04 Dec 2020 16:33

Tgt Ion: 75 Resp: 68551
 Ion Ratio Lower Upper
 75 100
 155 87.8 45.3 135.9
 157 111.6 57.7 173.1





#93

1,2,4-Trichlorobenzene

Concen: 52.095 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

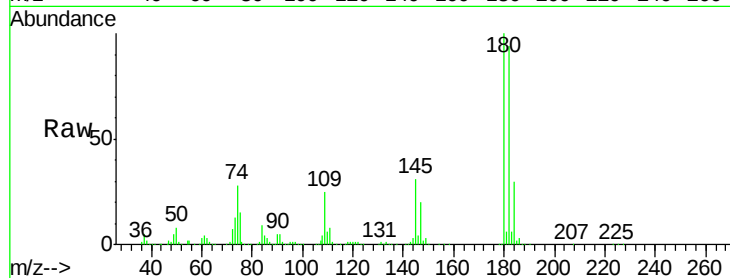
Tot Ion:180 Resp: 278884

Ion Ratio Lower Upper

180 100

182 93.3 47.7 143.1

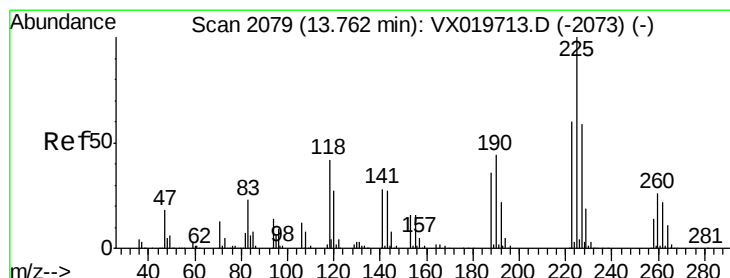
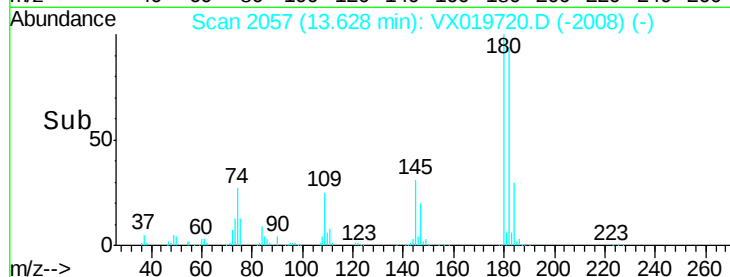
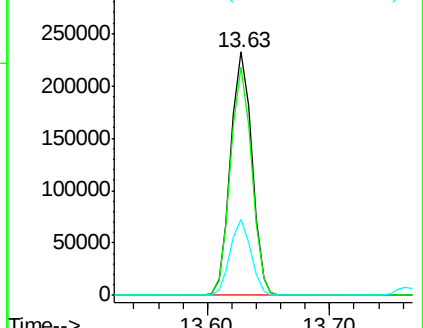
145 30.6 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 48.620 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX019720.D

Acq: 04 Dec 2020 16:33

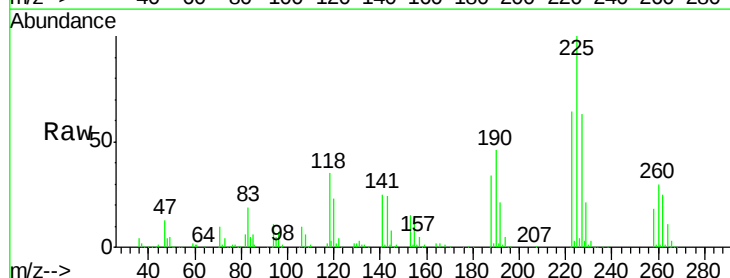
Tgt Ion:225 Resp: 116333

Ion Ratio Lower Upper

225 100

223 64.4 31.1 93.2

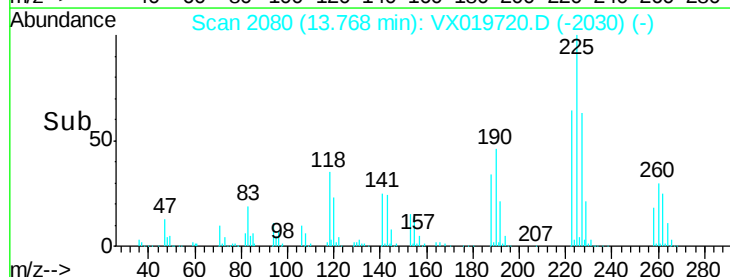
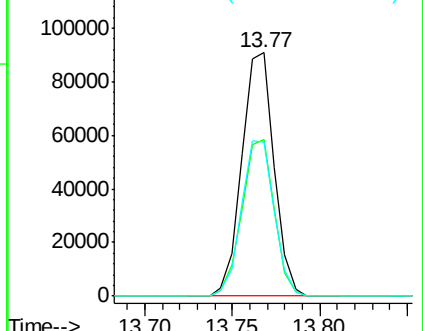
227 64.6 31.6 95.0

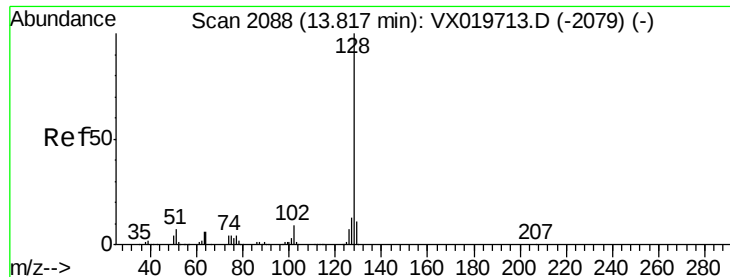


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

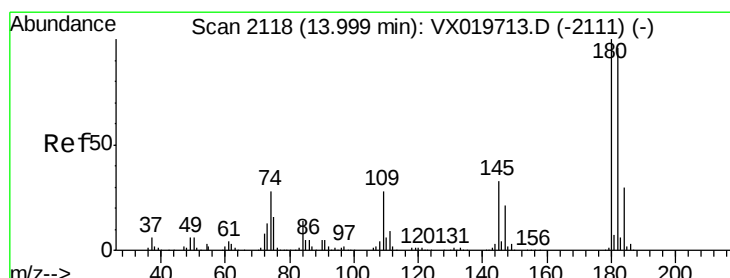
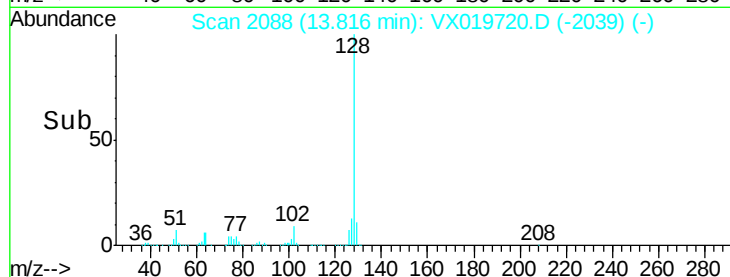
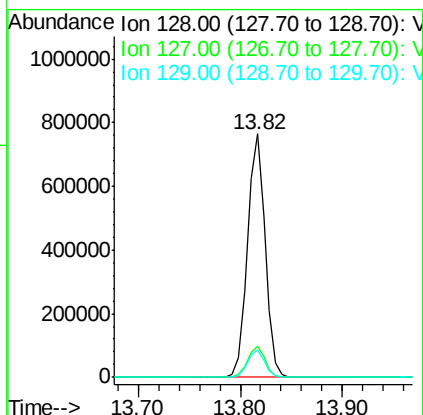
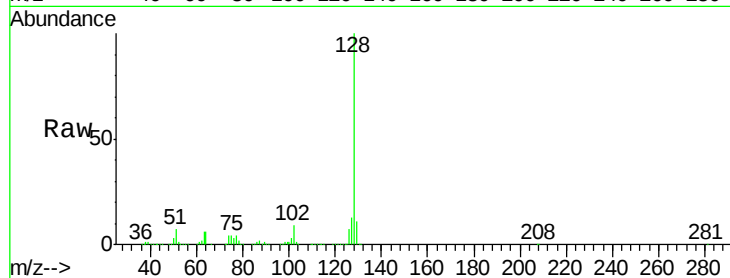




#95
Naphthalene
Concen: 52.845 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 917149
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.075 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019720.D
Acq: 04 Dec 2020 16:33

Tgt Ion:180 Resp: 267211
Ion Ratio Lower Upper
180 100
182 94.7 47.6 142.9
145 33.3 16.1 48.3

