

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019811.D
 Acq On : 10 Dec 2020 09:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 16 04:07:06 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	295561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	469545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	435078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	221460	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	174994	45.05	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.10%	
35) Dibromofluoromethane		5.46	113	144745	47.70	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.40%	
50) Toluene-d8		8.70	98	549850	47.46	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.92%	
62) 4-Bromofluorobenzene		11.12	95	210467	47.73	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	138370	51.135	ug/l	99
3) Chloromethane	1.31	50	140131	44.033	ug/l	100
4) Vinyl Chloride	1.39	62	169012	50.368	ug/l	100
5) Bromomethane	1.62	94	55335	49.664	ug/l	99
6) Chloroethane	1.70	64	107502	53.332	ug/l	98
7) Trichlorofluoromethane	1.91	101	240472	51.458	ug/l	97
8) Diethyl Ether	2.17	74	98919	49.951	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	138509	51.710	ug/l	100
10) Methyl Iodide	2.49	142	165100	41.817	ug/l	100
11) Tert butyl alcohol	3.01	59	181935	227.583	ug/l	100
12) 1,1-Dichloroethene	2.36	96	135641	50.089	ug/l	99
13) Acrolein	2.27	56	77924	181.735	ug/l	99
14) Allyl chloride	2.70	41	227126	49.661	ug/l	99
15) Acrylonitrile	3.11	53	429363	244.499	ug/l	99
16) Acetone	2.42	43	419438	287.267	ug/l	100
17) Carbon Disulfide	2.55	76	358002	46.074	ug/l	99
18) Methyl Acetate	2.75	43	180669	50.565	ug/l	100
19) Methyl tert-butyl Ether	3.16	73	507095	51.419	ug/l	100
20) Methylene Chloride	2.83	84	167564	50.277	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	159710	50.587	ug/l	98
22) Diisopropyl ether	3.82	45	481700	52.092	ug/l	96
23) Vinyl Acetate	3.78	43	2022924	256.780	ug/l	100
24) 1,1-Dichloroethane	3.67	63	282714	50.700	ug/l	100
25) 2-Butanone	4.62	43	586871	261.576	ug/l	99
26) 2,2-Dichloropropane	4.54	77	246513	51.335	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	183776	49.741	ug/l	100
28) Bromochloromethane	4.97	49	123075	46.300	ug/l	100
29) Tetrahydrofuran	5.08	42	346572	239.756	ug/l	100
30) Chloroform	5.17	83	293789	51.239	ug/l	99
31) Cyclohexane	5.54	56	247808	51.284	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	253589	51.358	ug/l	100
36) 1,1-Dichloropropene	5.76	75	217559	51.275	ug/l	100
37) Ethyl Acetate	4.78	43	211329	49.330	ug/l	99
38) Carbon Tetrachloride	5.74	117	218777	52.655	ug/l	99

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 VSTDCCC050

Quant Time: Dec 16 04:07:06 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	265246	53.209	ug/l	99
40) Benzene	6.10	78	664758	51.289	ug/l	99
41) Methacrylonitrile	5.00	41	118873	50.539	ug/l	99
42) 1,2-Dichloroethane	6.15	62	227312	51.331	ug/l	100
43) Isopropyl Acetate	6.40	43	344292	49.433	ug/l	100
44) Trichloroethene	7.18	130	173981	51.161	ug/l	98
45) 1,2-Dichloropropane	7.48	63	168143	51.907	ug/l	96
46) Dibromomethane	7.63	93	113990	52.109	ug/l	98
47) Bromodichloromethane	7.87	83	227842	52.489	ug/l	100
48) Methyl methacrylate	7.74	41	171530	50.076	ug/l	100
49) 1,4-Dioxane	7.71	88	82758	997.333	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1079289	253.814	ug/l	100
52) Toluene	8.76	92	420363	51.856	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	252191	52.355	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	277505	53.028	ug/l	99
55) 1,1,2-Trichloroethane	9.19	97	171577	52.522	ug/l	97
56) Ethyl methacrylate	9.15	69	256900	51.978	ug/l	100
57) 1,3-Dichloropropane	9.35	76	284360	50.979	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	690922	263.880	ug/l	99
59) 2-Hexanone	9.47	43	869767	263.879	ug/l	100
60) Dibromochloromethane	9.56	129	176716	53.244	ug/l	99
61) 1,2-Dibromoethane	9.65	107	177667	51.217	ug/l	100
64) Tetrachloroethene	9.31	164	158120	54.193	ug/l	94
65) Chlorobenzene	10.12	112	438909	50.636	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	165327	52.992	ug/l	99
67) Ethyl Benzene	10.23	91	803347	52.213	ug/l	100
68) m/p-Xylenes	10.34	106	614422	105.977	ug/l	99
69) o-Xylene	10.68	106	292446	52.437	ug/l	99
70) Styrene	10.70	104	505269	53.675	ug/l	99
71) Bromoform	10.84	173	132802	54.110	ug/l #	99
73) Isopropylbenzene	11.00	105	790608	52.254	ug/l	100
74) N-amyl acetate	10.88	43	300913	49.629	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	265413	49.756	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	308205	62.051	ug/l	90
77) Bromobenzene	11.24	156	194815	50.314	ug/l	98
78) n-propylbenzene	11.34	91	918932	53.176	ug/l	100
79) 2-Chlorotoluene	11.40	91	549180	51.606	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	670531	52.511	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.05	75	88616	51.575	ug/l	99
82) 4-Chlorotoluene	11.49	91	649634	52.123	ug/l	99
83) tert-Butylbenzene	11.75	119	658777	52.603	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	683063	53.104	ug/l	99
85) sec-Butylbenzene	11.93	105	779288	54.502	ug/l	100
86) p-Isopropyltoluene	12.05	119	717142	54.726	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	361312	50.843	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	370753	51.223	ug/l	100
89) n-Butylbenzene	12.37	91	631300	54.376	ug/l	100
90) Hexachloroethane	12.58	117	120185	53.124	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	354321	51.147	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56175	48.987	ug/l	97

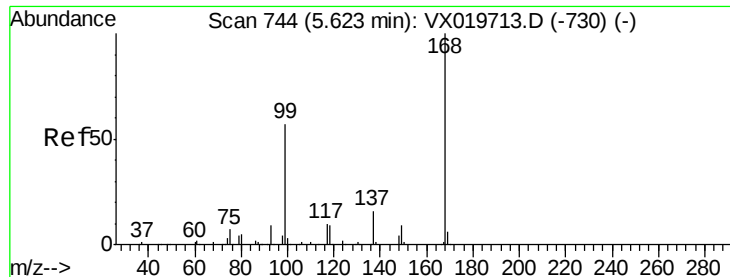
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
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QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	240005	53.222	ug/l	100
94) Hexachlorobutadiene	13.76	225	106334	52.757	ug/l	99
95) Naphthalene	13.82	128	760460	52.016	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	231518	52.533	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 743

Delta R.T. -0.01 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

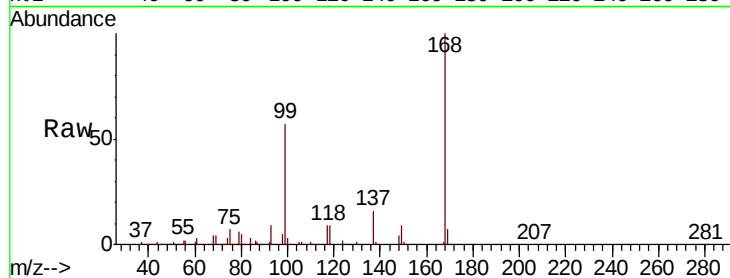
VSTDCCC050

Tot Ion:168 Resp: 295561

Ion Ratio Lower Upper

168 100

99 57.3 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

120000

100000

80000

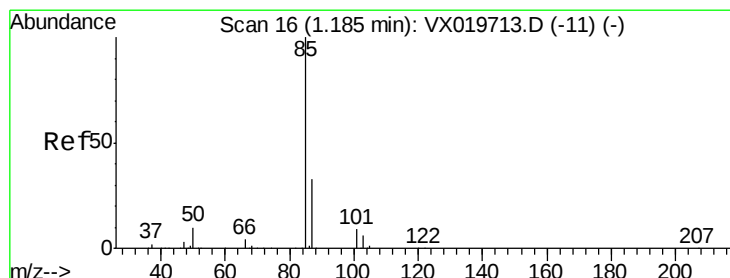
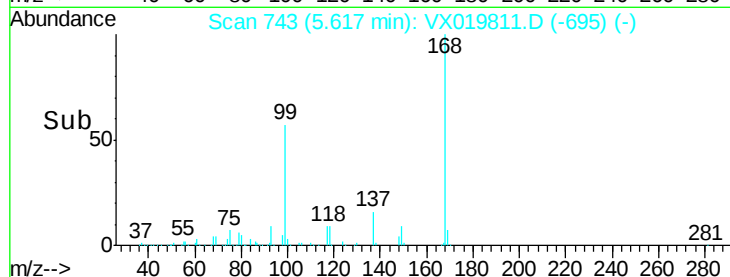
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.135 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019811.D

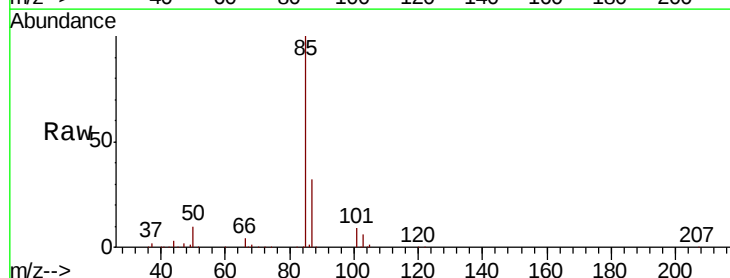
Acq: 10 Dec 2020 09:20

Tgt Ion: 85 Resp: 138370

Ion Ratio Lower Upper

85 100

87 32.3 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

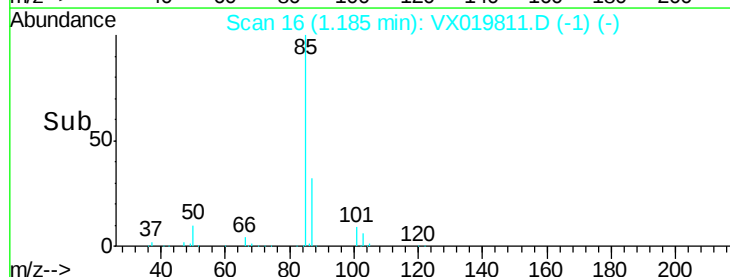
150000

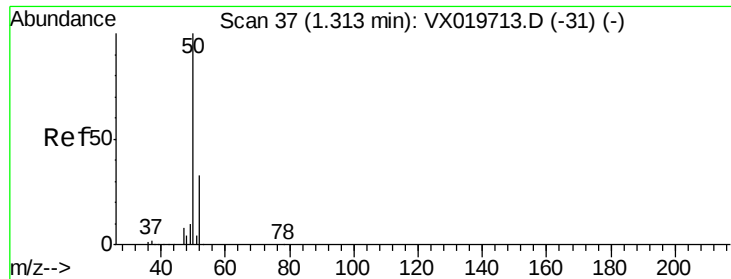
100000

50000

0

Time-->





#3

Chloromethane

Concen: 44.033 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

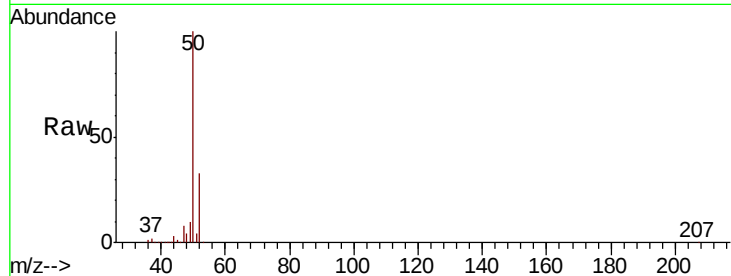
VSTDCCC050

Tot Ion: 50 Resp: 140131

Ion Ratio Lower Upper

50 100

52 33.0 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

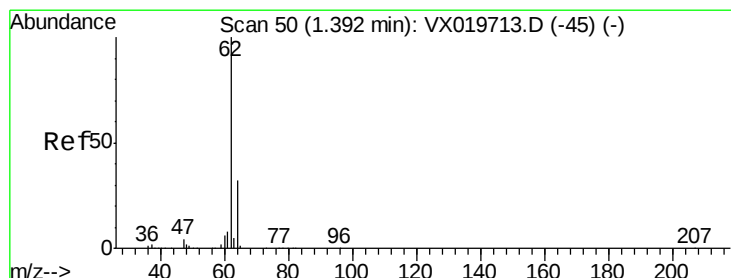
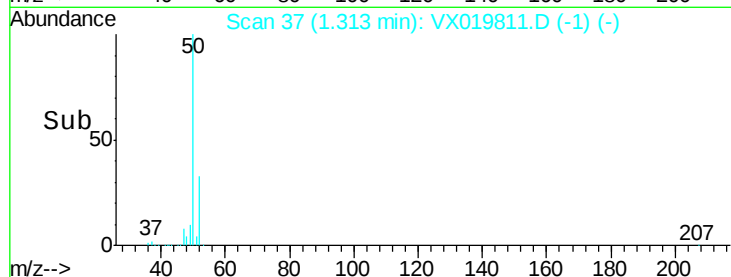
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 50.368 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019811.D

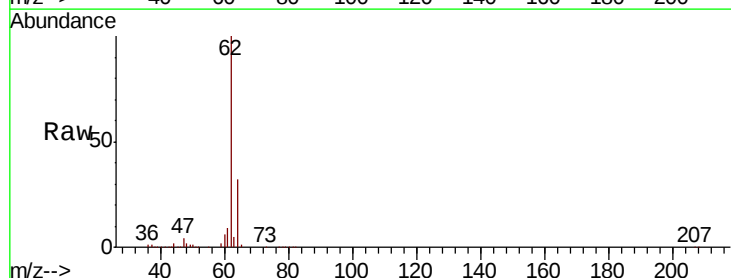
Acq: 10 Dec 2020 09:20

Tgt Ion: 62 Resp: 169012

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

200000

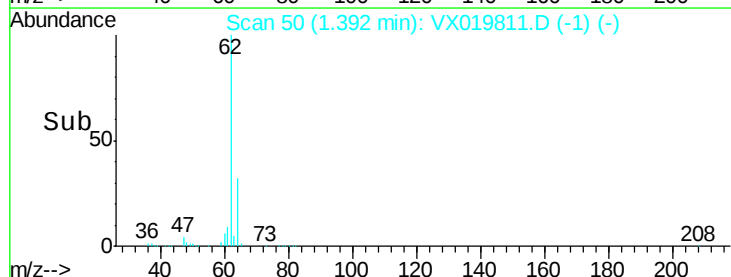
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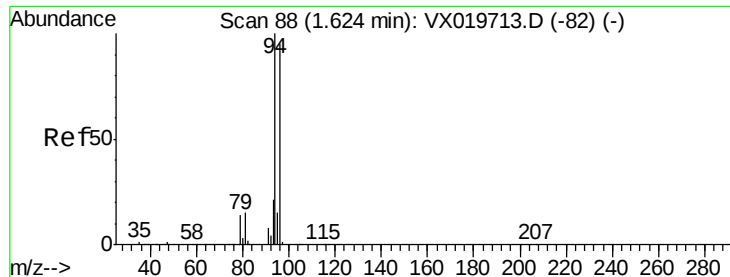
100000

50000

0

Time-->





#5

Bromomethane

Concen: 49.664 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

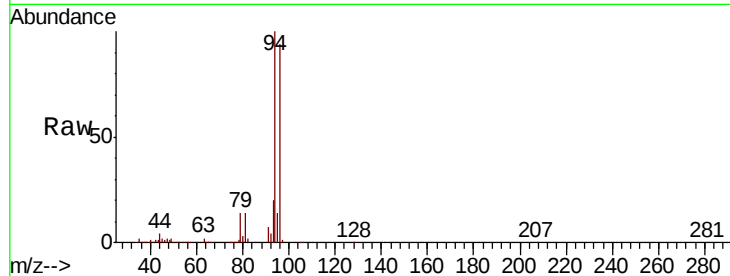
VSTDCCC050

Tot Ion: 94 Resp: 55335

Ion Ratio Lower Upper

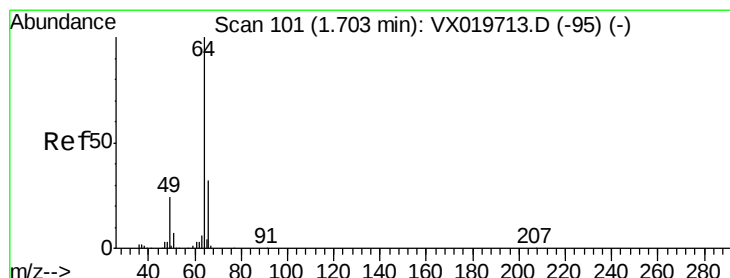
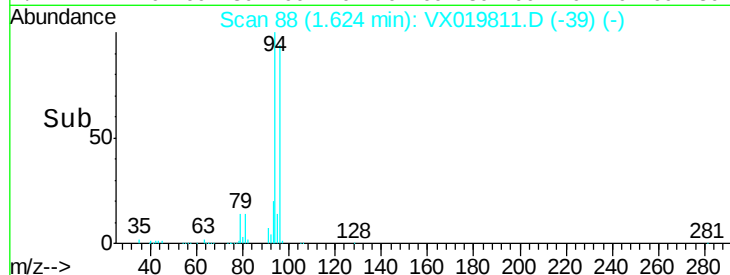
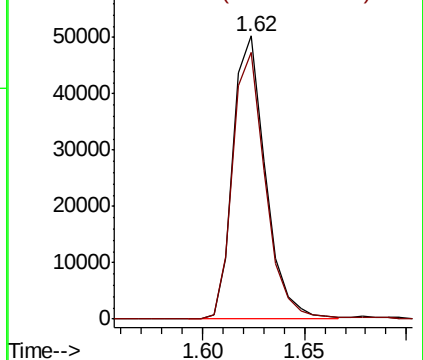
94 100

96 94.0 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: 53.332 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX019811.D

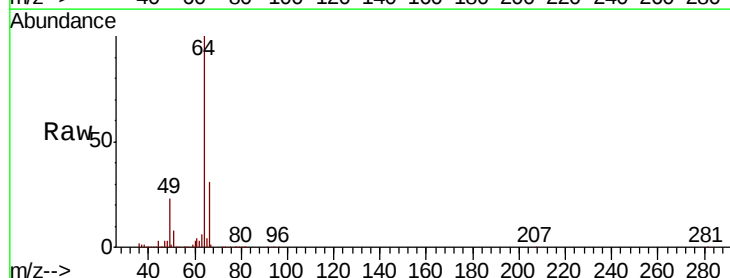
Acq: 10 Dec 2020 09:20

Tgt Ion: 64 Resp: 107502

Ion Ratio Lower Upper

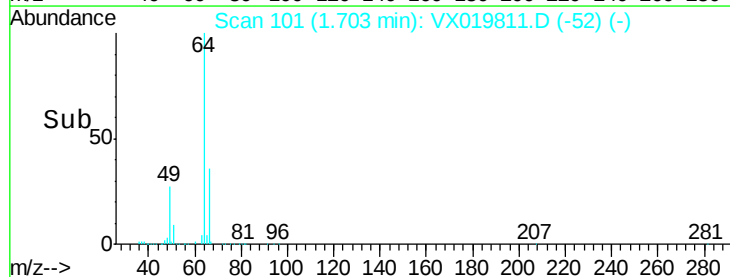
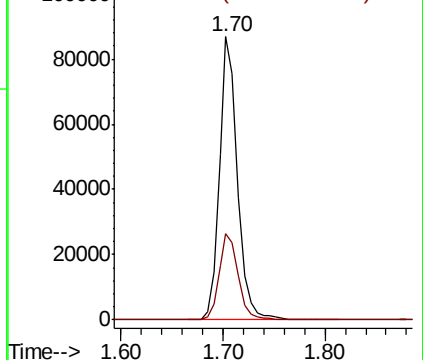
64 100

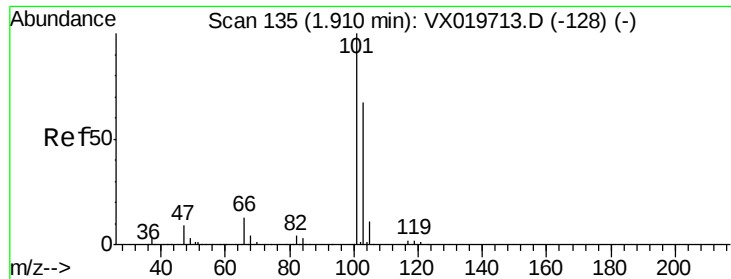
66 30.6 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



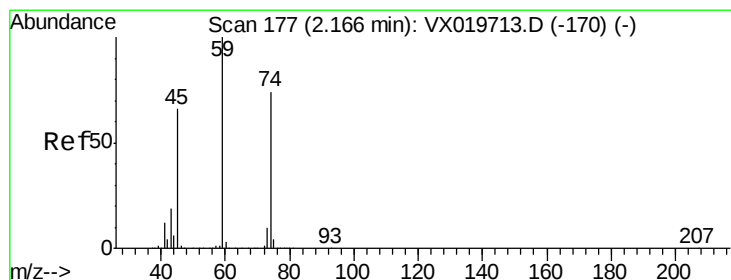
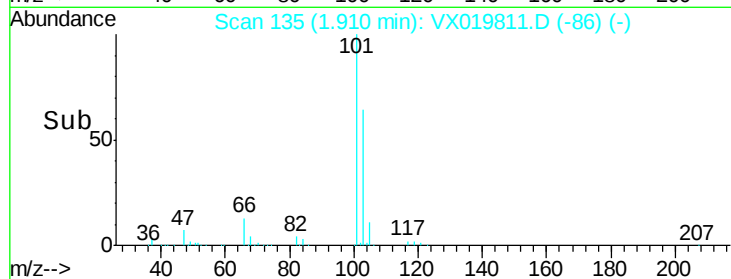
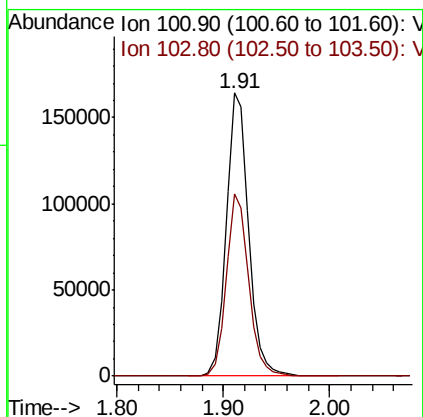
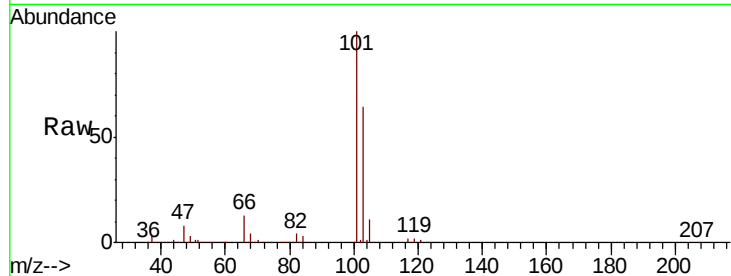


#7

Trichlorofluoromethane
 Concen: 51.458 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: VX019811.D
 Acq: 10 Dec 2020 09:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

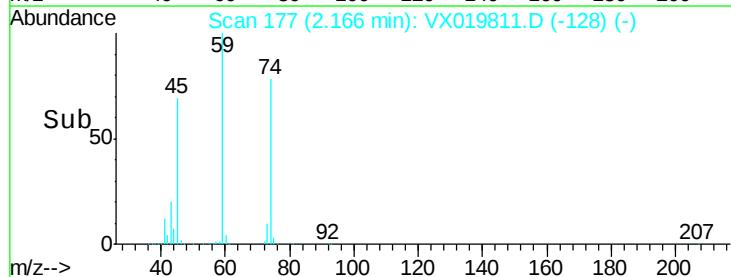
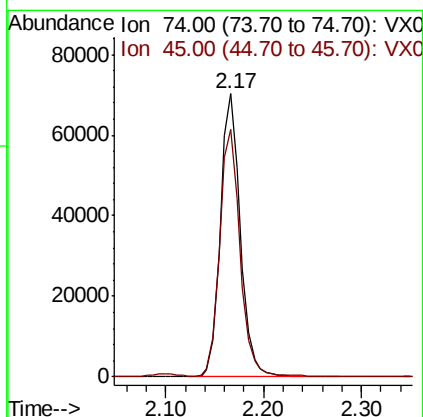
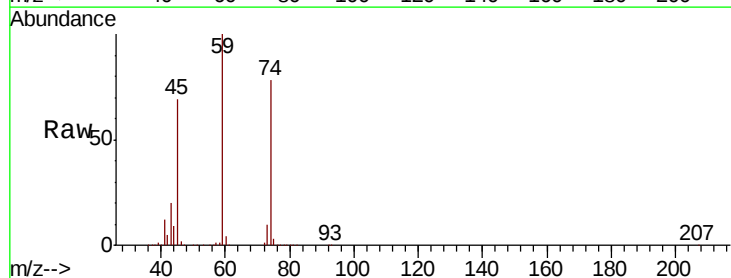
Tot Ion:101 Resp: 240472
 Ion Ratio Lower Upper
 101 100
 103 64.3 53.2 79.8

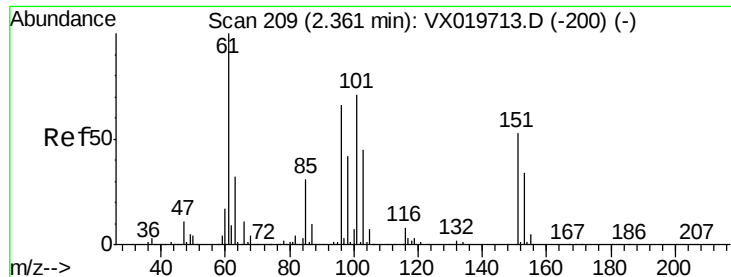


#8

Diethyl Ether
 Concen: 49.951 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019811.D
 Acq: 10 Dec 2020 09:20

Tgt Ion: 74 Resp: 98919
 Ion Ratio Lower Upper
 74 100
 45 89.5 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.710 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

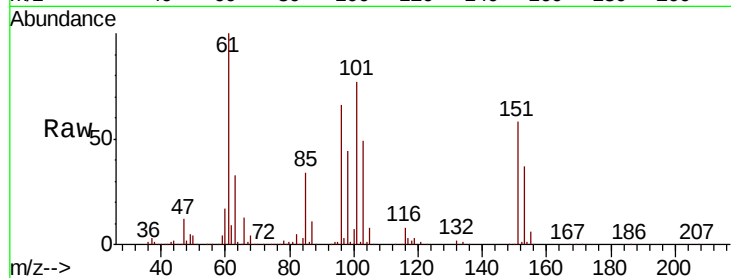
Tot Ion:101 Resp: 138509

Ion Ratio Lower Upper

101 100

85 43.7 34.9 52.3

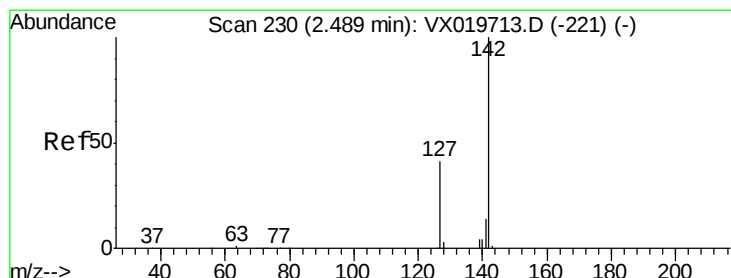
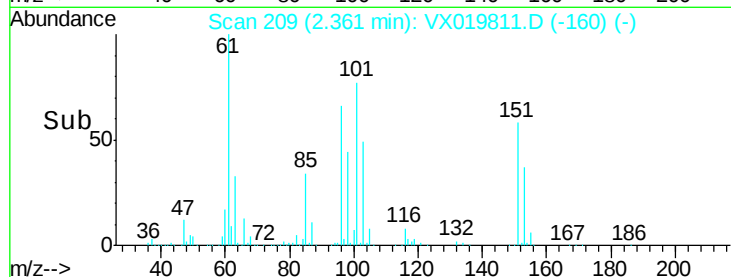
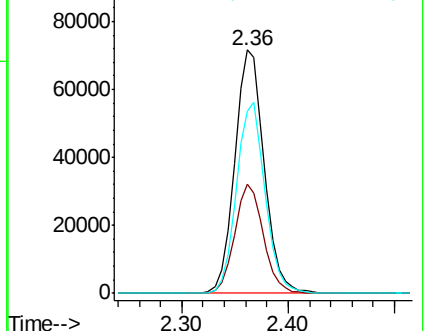
151 76.6 61.4 92.2



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: 41.817 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

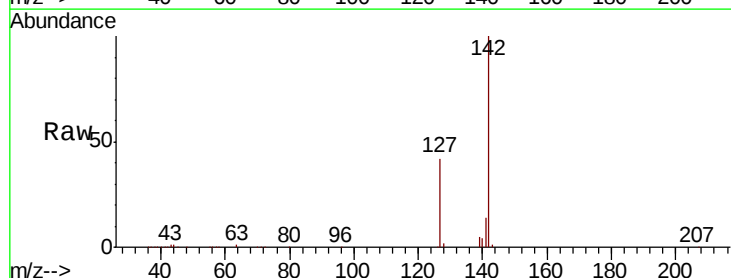
Tgt Ion:142 Resp: 165100

Ion Ratio Lower Upper

142 100

127 41.8 33.3 49.9

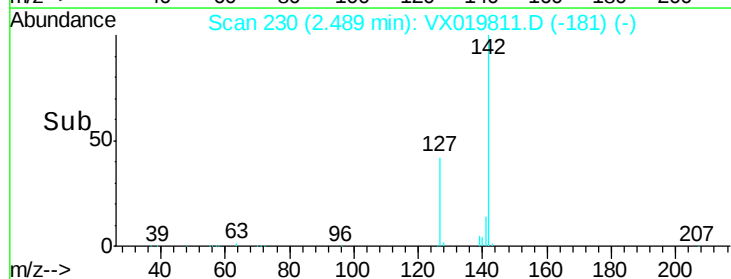
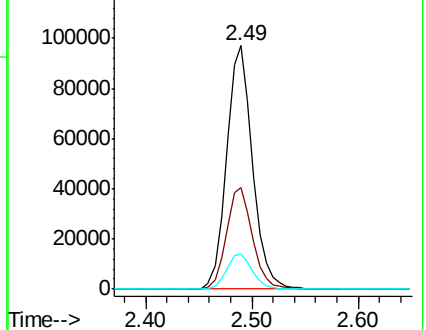
141 14.4 11.4 17.0

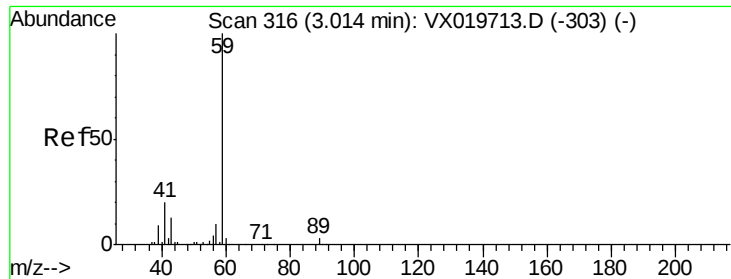


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



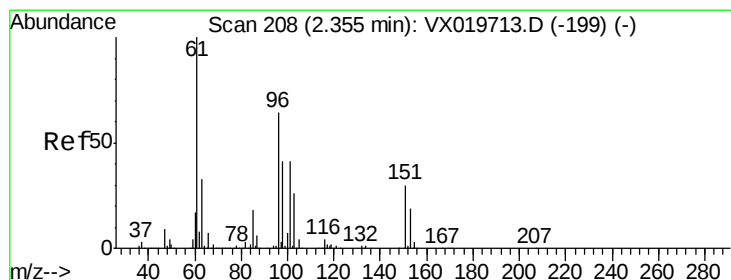
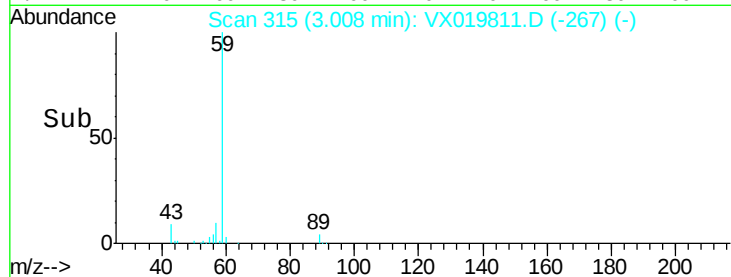
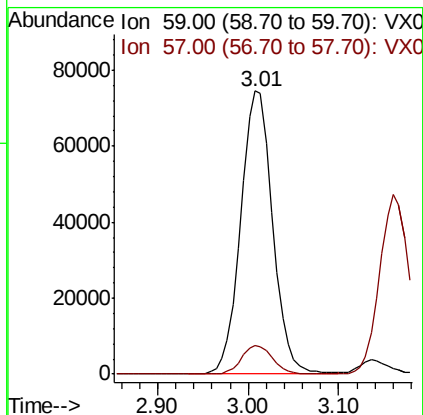
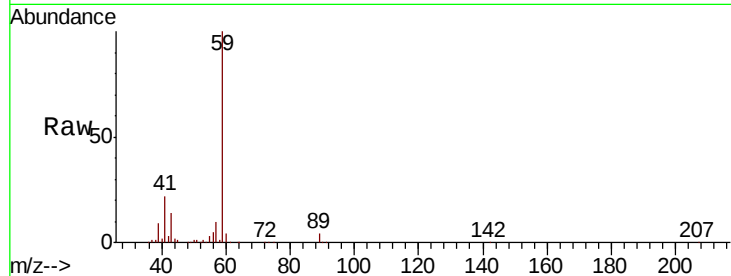


#11

Tert butyl alcohol
Concen: 227.583 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

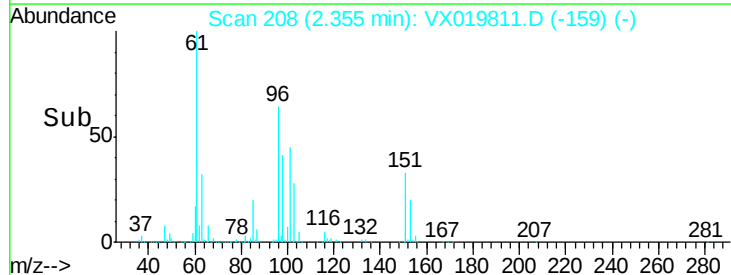
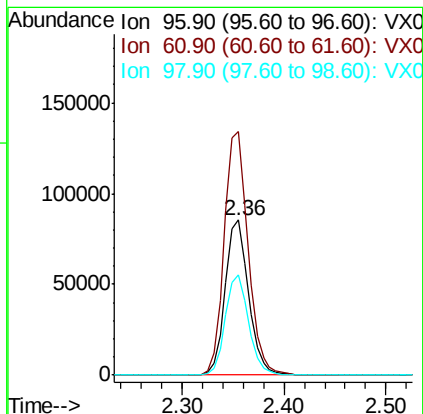
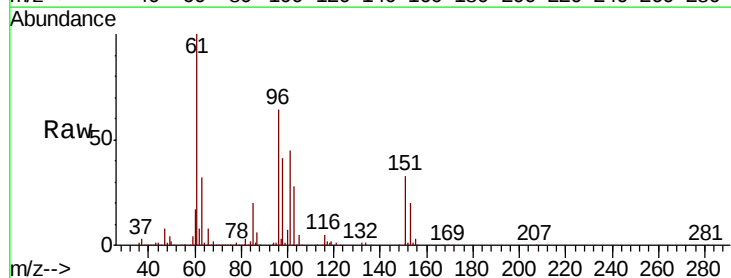
Tot Ion: 59 Resp: 181935
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.8

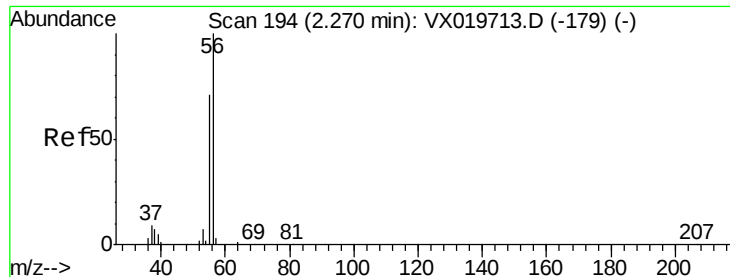


#12

1,1-Dichloroethene
Concen: 50.089 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

Tgt Ion: 96 Resp: 135641
Ion Ratio Lower Upper
96 100
61 157.3 124.6 187.0
98 64.7 50.6 76.0





#13

Acrolein

Concen: 181.735 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

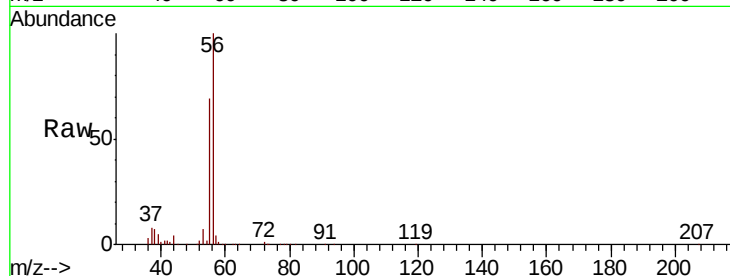
VSTDCCC050

Tot Ion: 56 Resp: 77924

Ion Ratio Lower Upper

56 100

55 69.5 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

50000

40000

30000

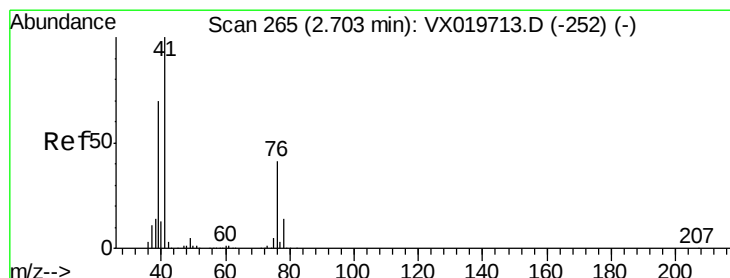
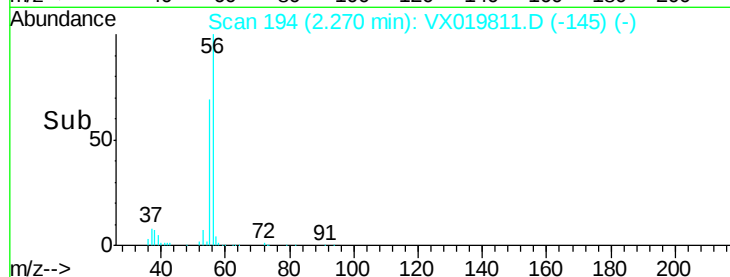
20000

10000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 49.661 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

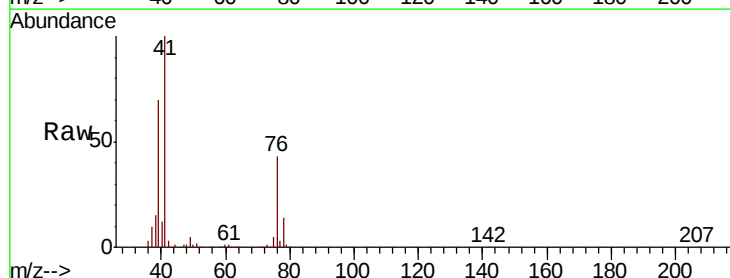
Tgt Ion: 41 Resp: 227126

Ion Ratio Lower Upper

41 100

39 64.0 51.6 77.4

76 38.3 30.5 45.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

200000

150000

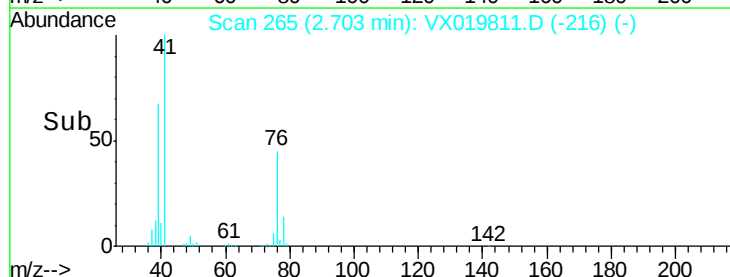
100000

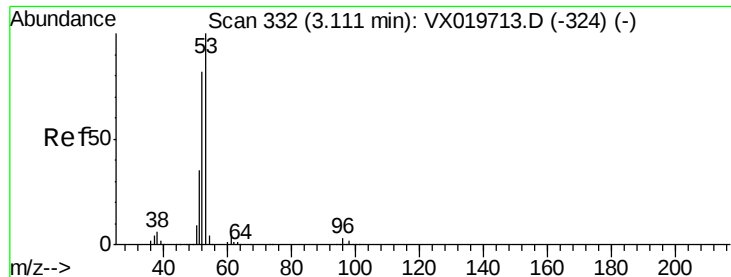
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 244.499 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

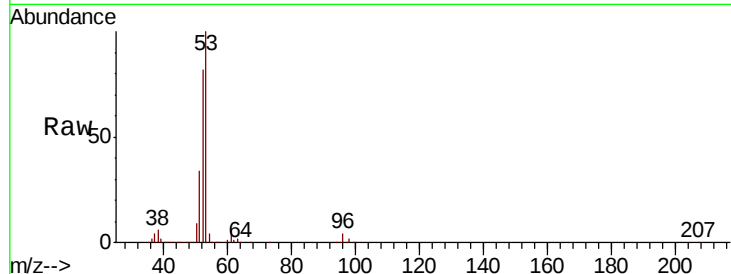
Tot Ion: 53 Resp: 429363

Ion Ratio Lower Upper

53 100

52 82.1 65.3 97.9

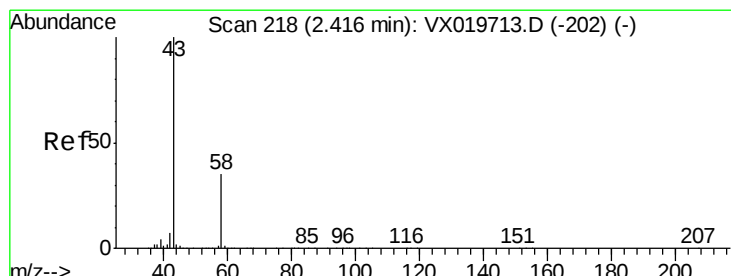
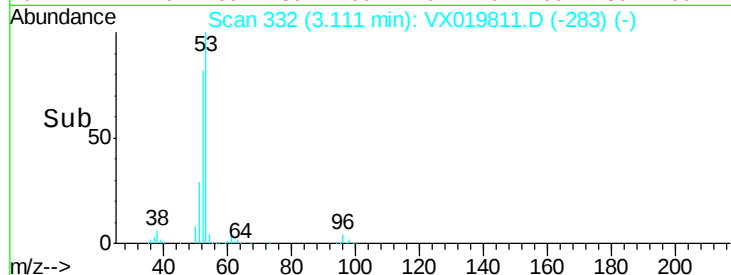
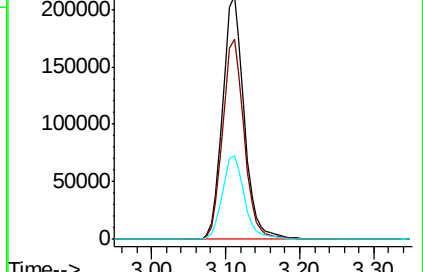
51 35.4 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX019811.D (-283) (-)

Ion 52.00 (51.70 to 52.70): VX019811.D (-283) (-)

Ion 51.00 (50.70 to 51.70): VX019811.D (-283) (-)



#16

Acetone

Concen: 287.267 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019811.D

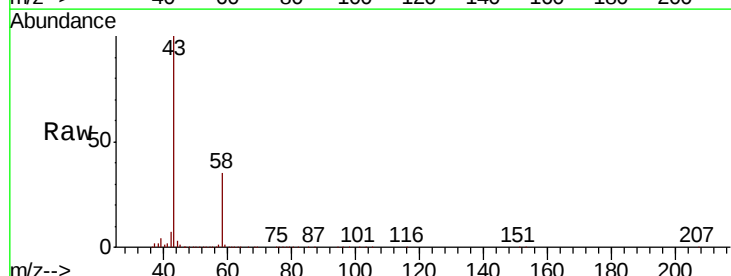
Acq: 10 Dec 2020 09:20

Tgt Ion: 43 Resp: 419438

Ion Ratio Lower Upper

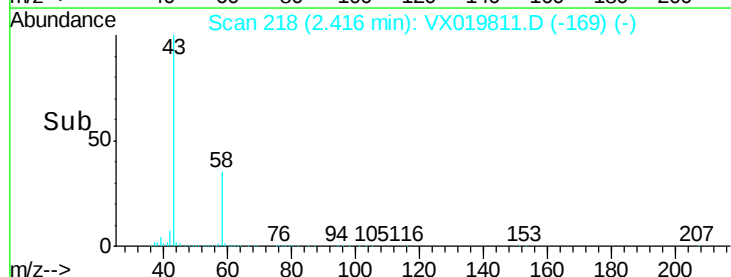
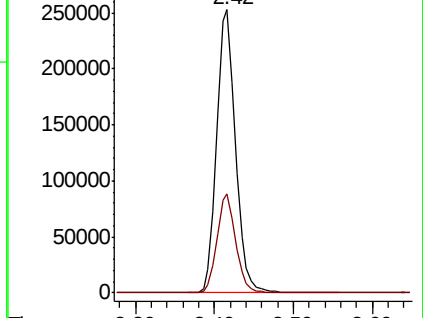
43 100

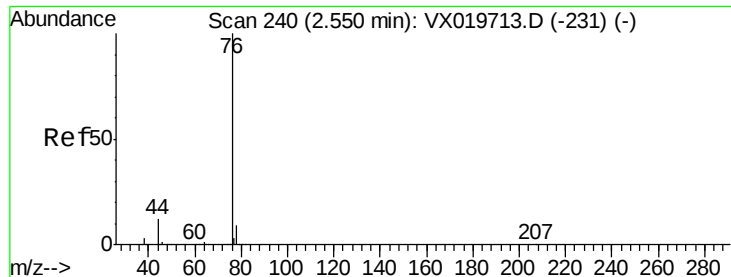
58 34.8 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX019811.D (-169) (-)

Ion 58.00 (57.70 to 58.70): VX019811.D (-169) (-)





#17

Carbon Disulfide

Concen: 46.074 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

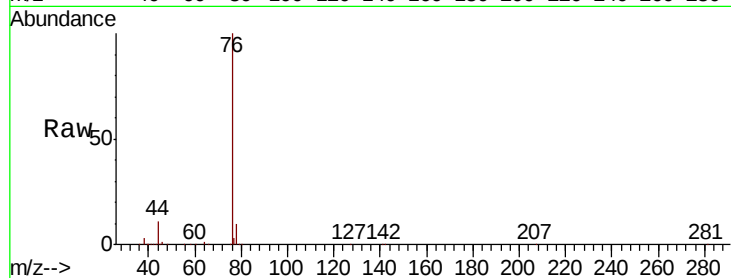
VSTDCCC050

Tot Ion: 76 Resp: 358002

Ion Ratio Lower Upper

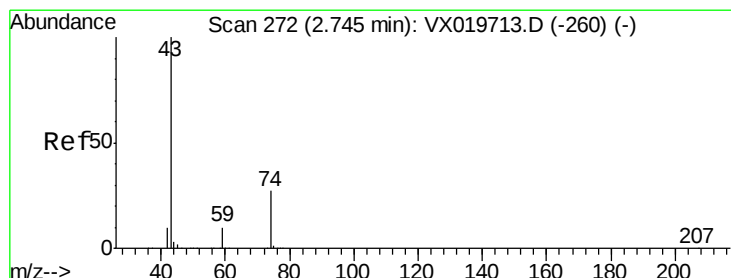
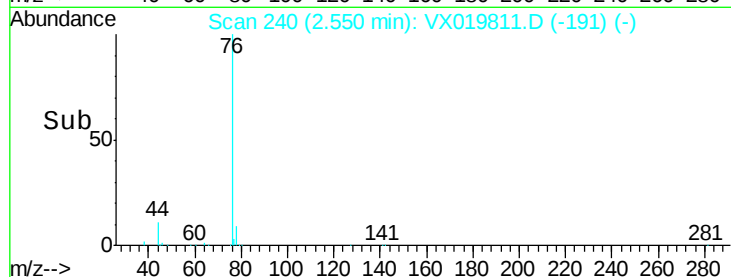
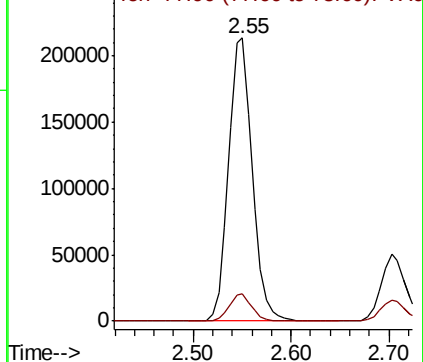
76 100

78 9.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.565 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX019811.D

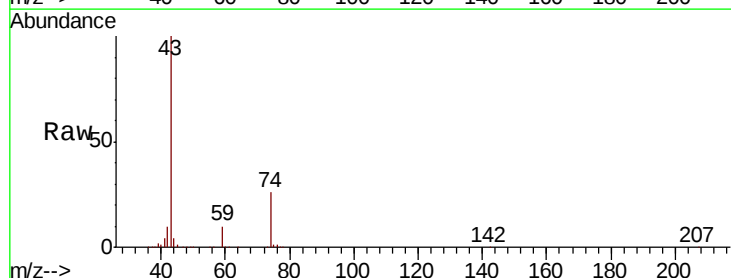
Acq: 10 Dec 2020 09:20

Tgt Ion: 43 Resp: 180669

Ion Ratio Lower Upper

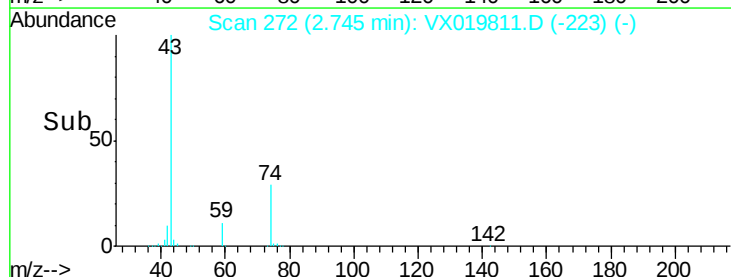
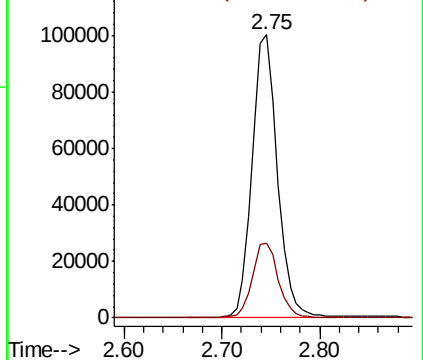
43 100

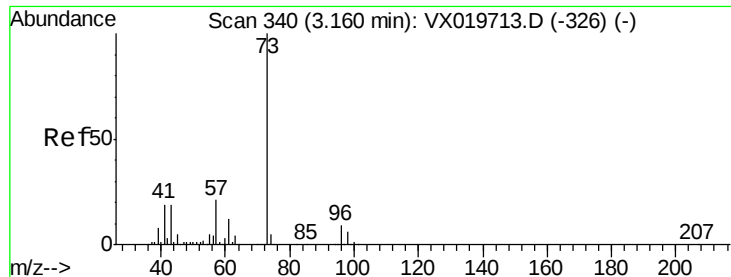
74 27.4 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

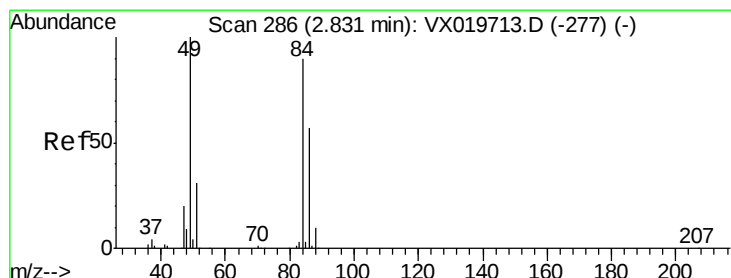
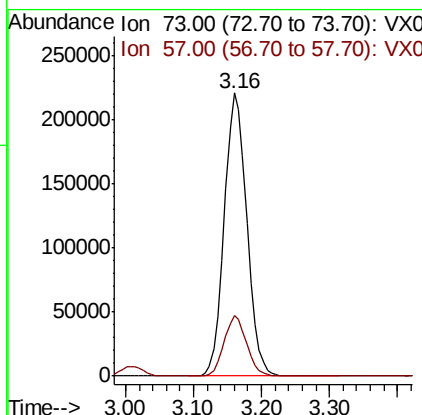
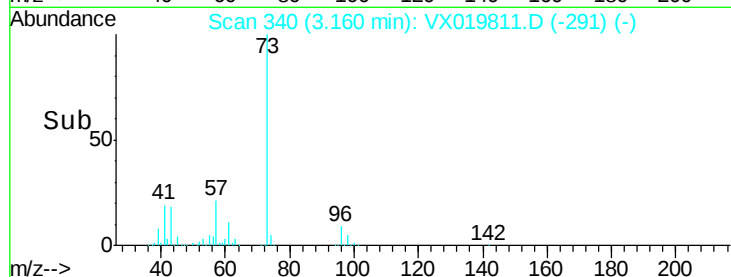
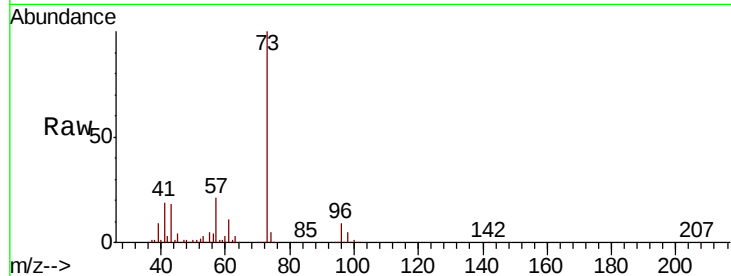




#19
Methyl tert-butyl Ether
Concen: 51.419 ug/l
RT: 3.16 min Scan# 340
Delta R.T. 0.00 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

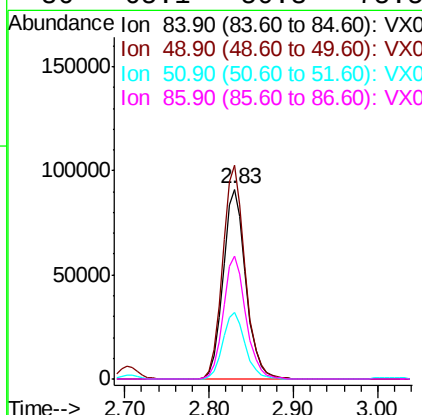
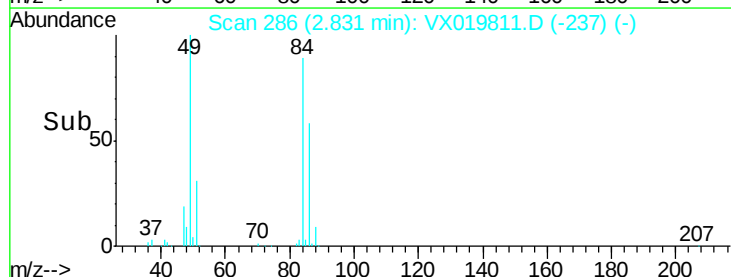
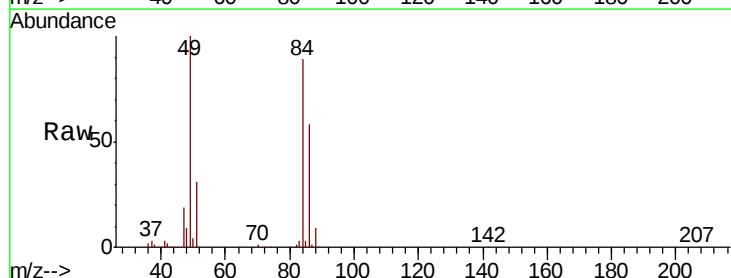
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

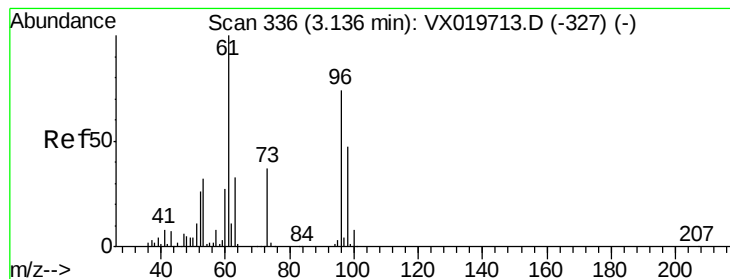
Tot Ion: 73 Resp: 507095
Ion Ratio Lower Upper
73 100
57 21.4 17.1 25.7



#20
Methylene Chloride
Concen: 50.277 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

Tgt Ion: 84 Resp: 167564
Ion Ratio Lower Upper
84 100
49 112.7 88.6 132.8
51 35.4 27.0 40.6
86 65.1 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 50.587 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

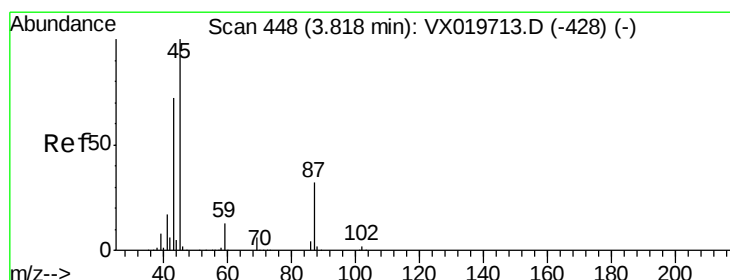
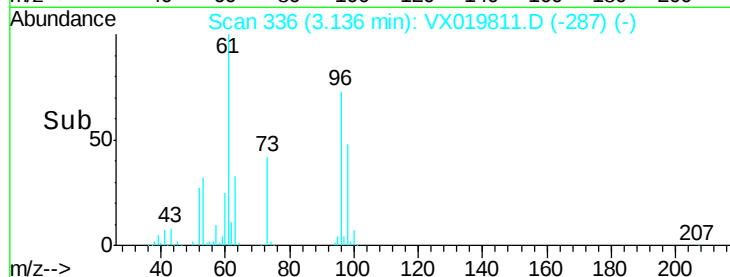
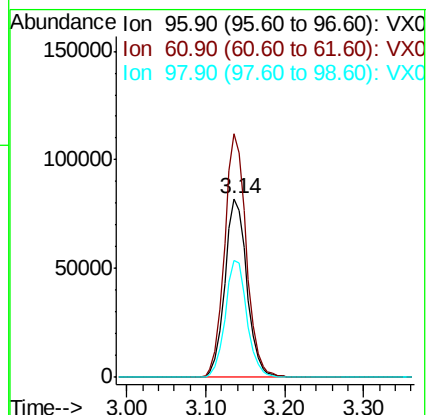
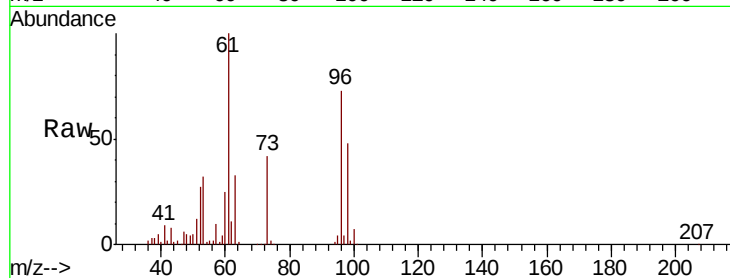
Tot Ion: 96 Resp: 159710

Ion Ratio Lower Upper

96 100

61 136.3 107.7 161.5

98 65.5 50.4 75.6



#22

Diisopropyl ether

Concen: 52.092 ug/l

RT: 3.82 min Scan# 448

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Tgt Ion: 45 Resp: 481700

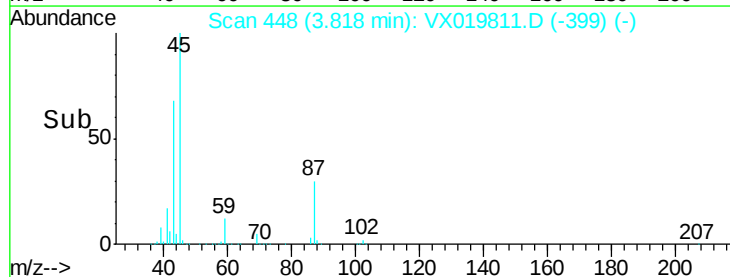
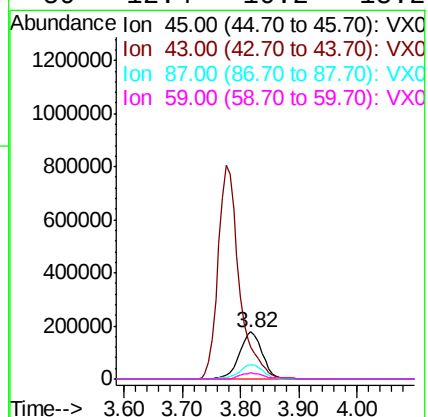
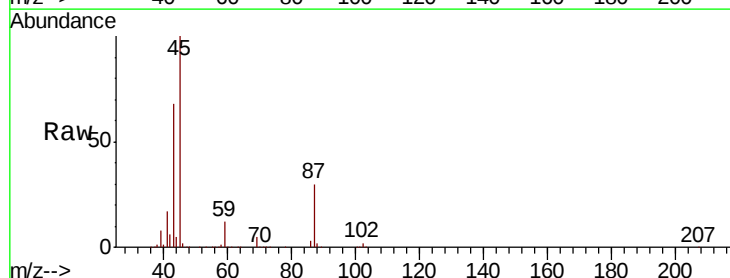
Ion Ratio Lower Upper

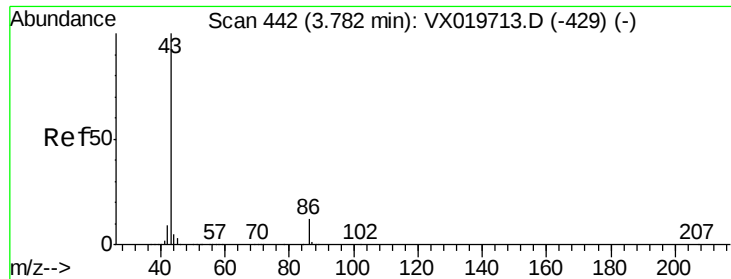
45 100

43 68.1 58.0 87.0

87 30.2 25.4 38.0

59 12.4 10.2 15.2





#23

Vinyl Acetate

Concen: 256.780 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

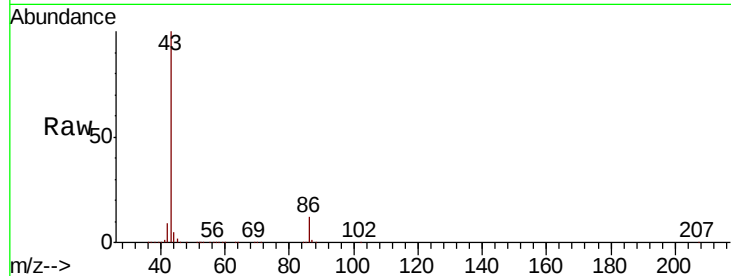
VSTDCCC050

Tot Ion: 43 Resp: 2022924

Ion Ratio Lower Upper

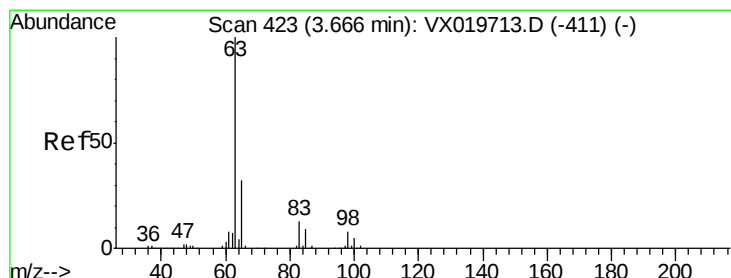
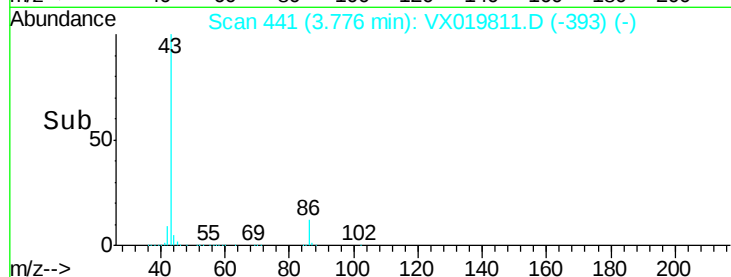
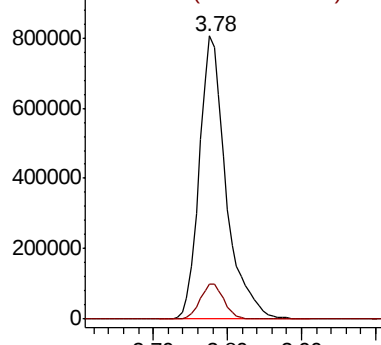
43 100

86 12.2 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.700 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

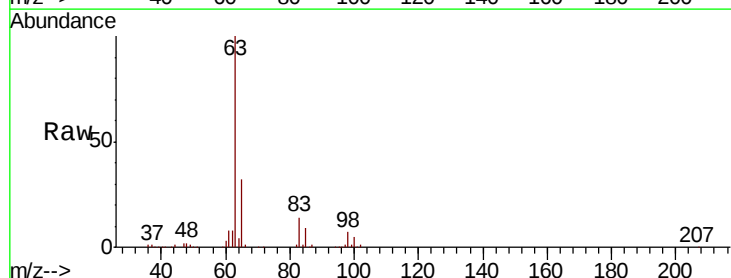
Tgt Ion: 63 Resp: 282714

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

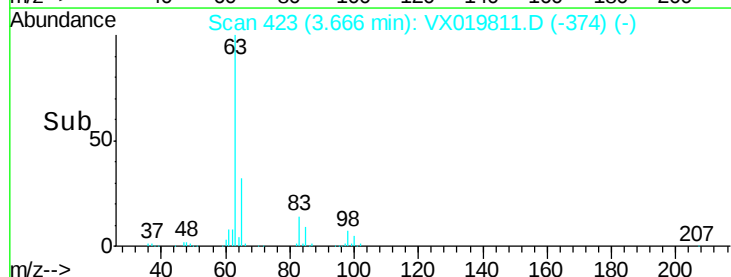
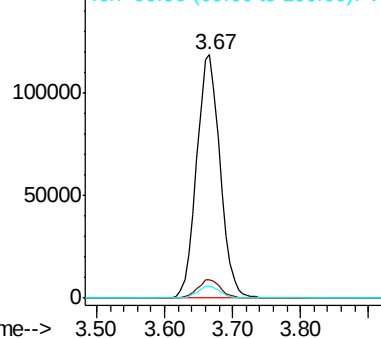
100 4.8 2.5 7.5

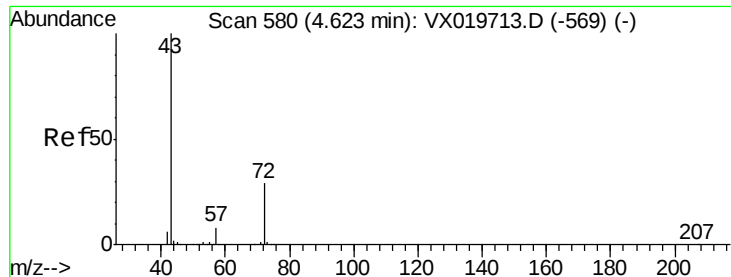


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 261.576 ug/l

RT: 4.62 min Scan# 580

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

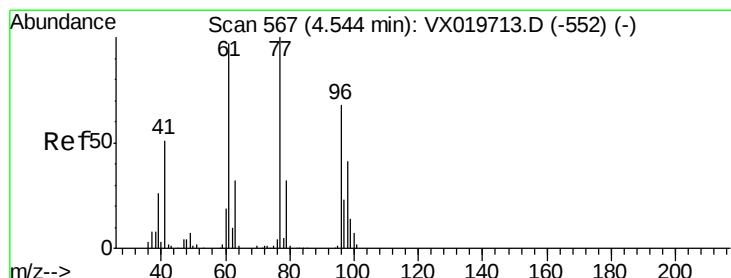
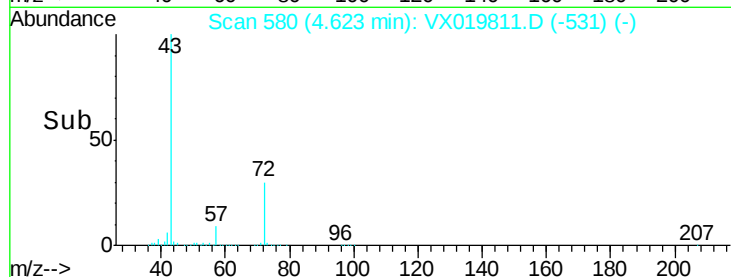
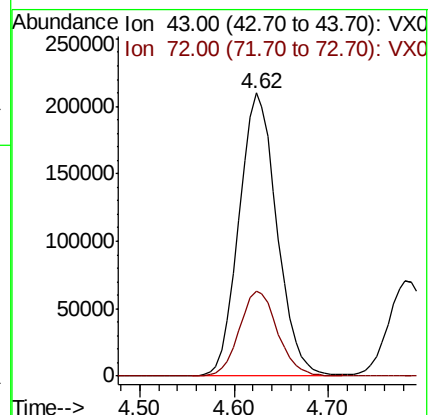
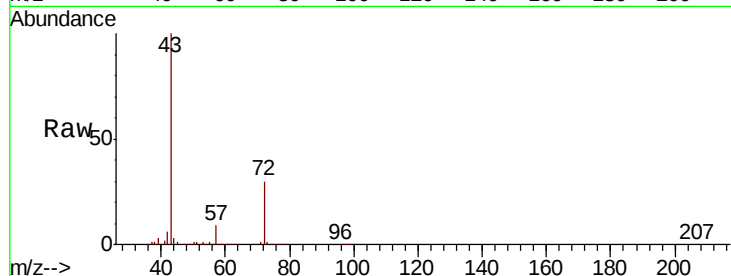
VSTDCCC050

Tot Ion: 43 Resp: 586871

Ion Ratio Lower Upper

43 100

72 29.9 23.7 35.5



#26

2,2-Dichloropropane

Concen: 51.335 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX019811.D

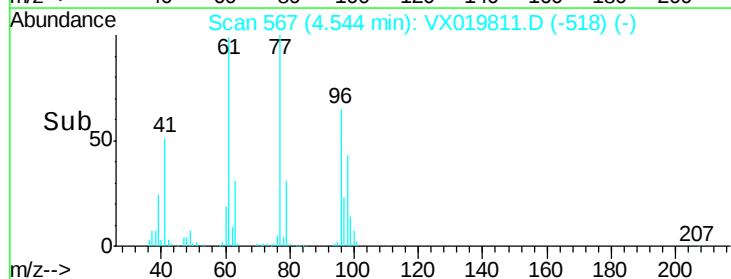
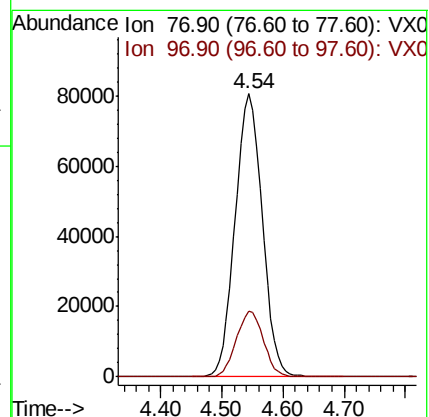
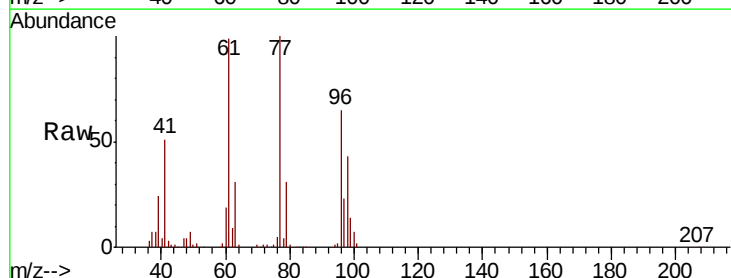
Acq: 10 Dec 2020 09:20

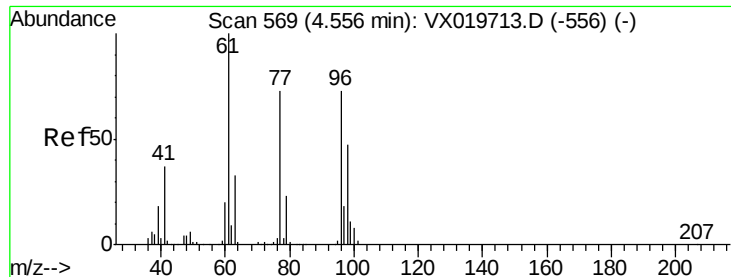
Tgt Ion: 77 Resp: 246513

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.1



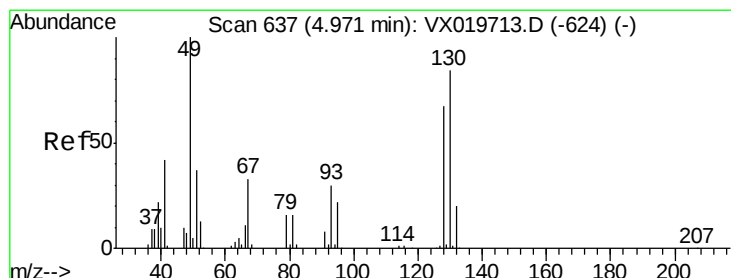
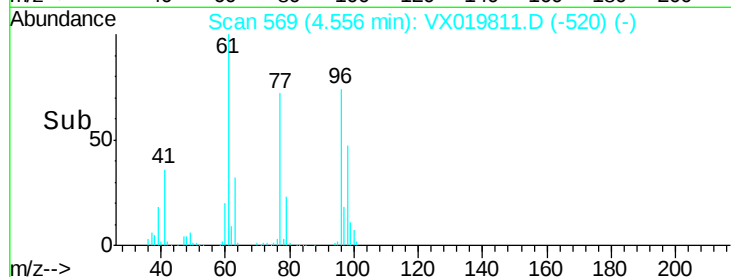
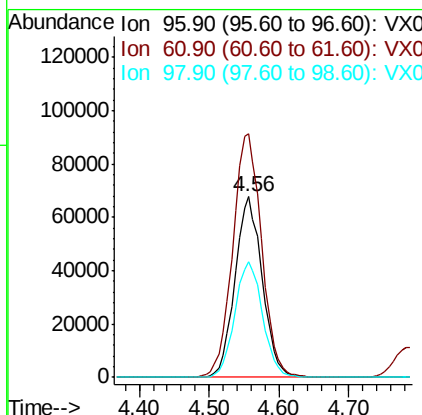
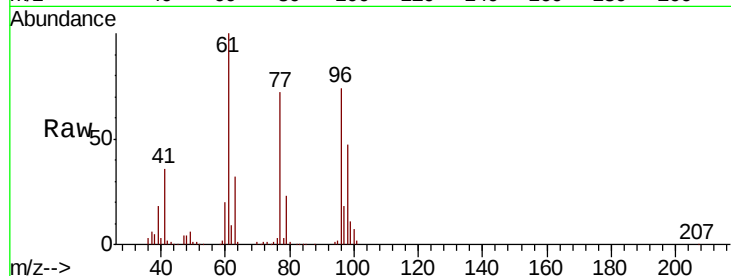


#27

cis-1,2-Dichloroethene
Concen: 49.741 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.00 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

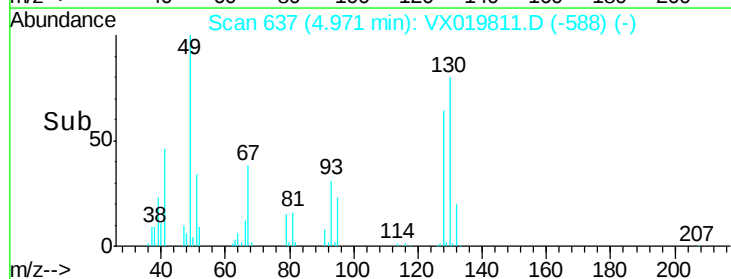
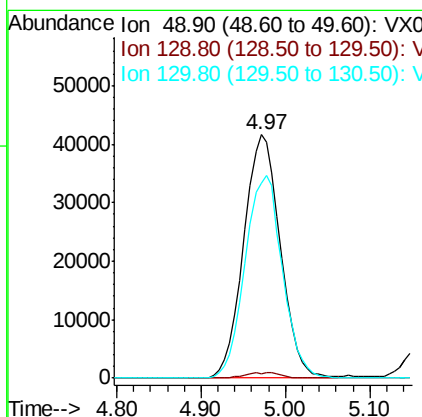
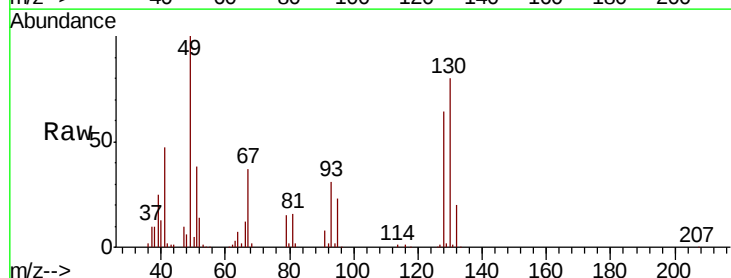
Tot Ion: 96 Resp: 183776
Ion Ratio Lower Upper
96 100
61 142.9 0.0 285.6
98 64.9 0.0 129.6

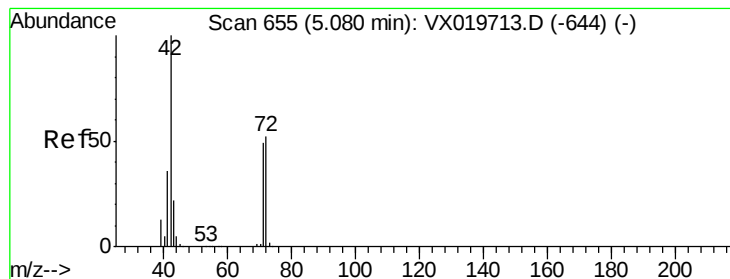


#28

Bromochloromethane
Concen: 46.300 ug/l
RT: 4.97 min Scan# 637
Delta R.T. 0.00 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

Tgt Ion: 49 Resp: 123075
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 84.9 68.2 102.2





#29

Tetrahydrofuran

Concen: 239.756 ug/l

RT: 5.08 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

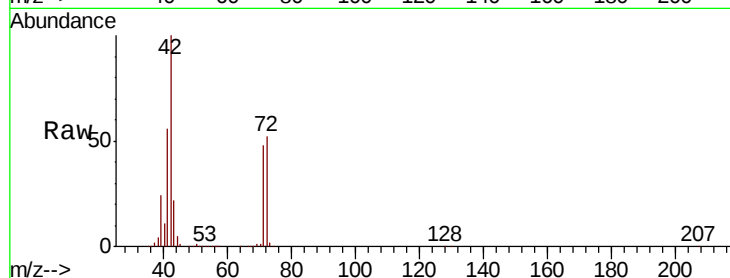
Tot Ion: 42 Resp: 346572

Ion Ratio Lower Upper

42 100

72 51.9 41.7 62.5

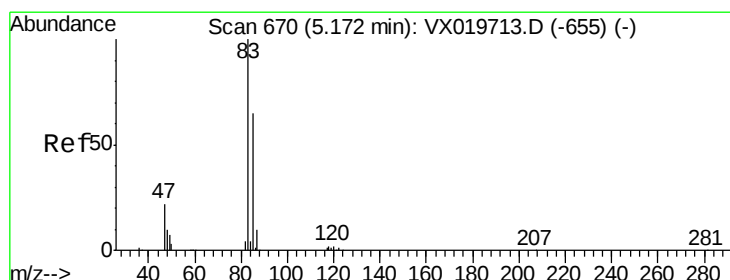
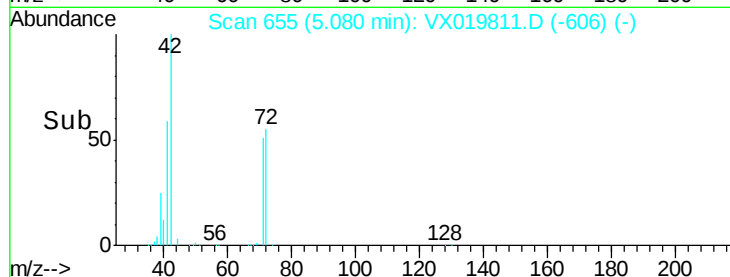
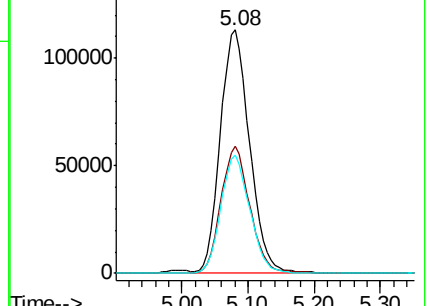
71 48.1 38.4 57.6



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: 51.239 ug/l

RT: 5.17 min Scan# 669

Delta R.T. -0.01 min

Lab File: VX019811.D

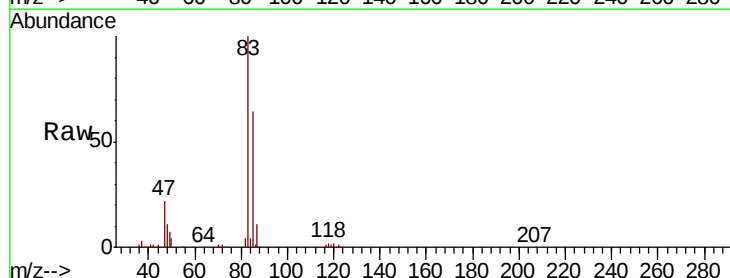
Acq: 10 Dec 2020 09:20

Tgt Ion: 83 Resp: 293789

Ion Ratio Lower Upper

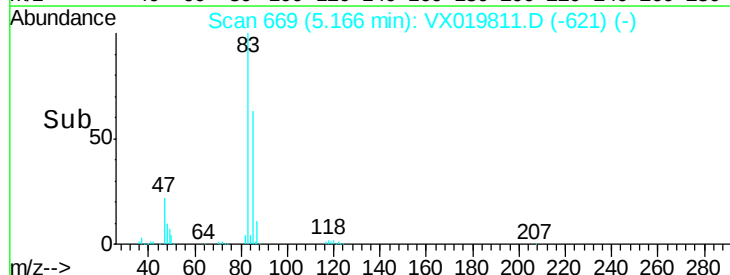
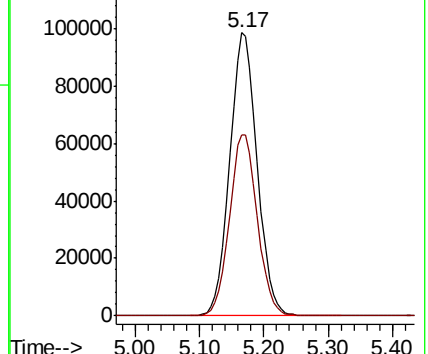
83 100

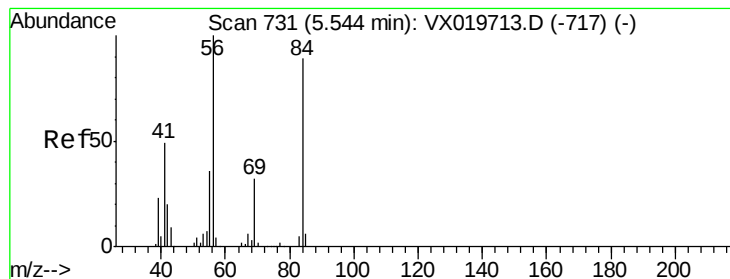
85 64.0 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cvclohexane

Concen: 51.284 ug/l

RT: 5.54 min Scan# 730

Delta R.T. -0.01 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

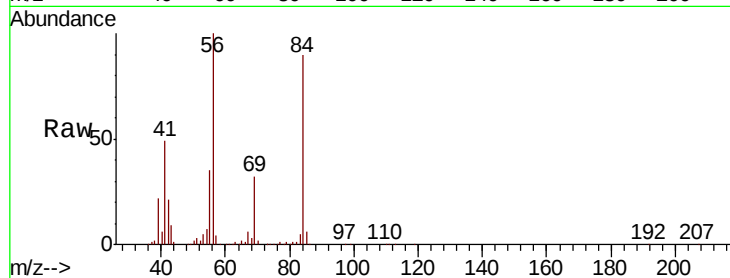
Tot Ion: 56 Resp: 247808

Ion Ratio Lower Upper

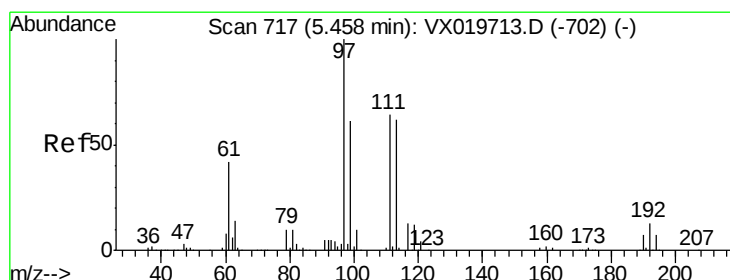
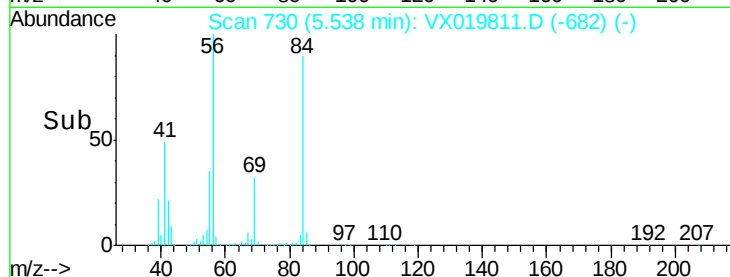
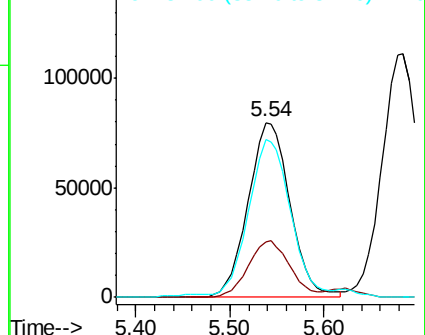
56 100

69 31.6 25.3 37.9

84 88.8 71.4 107.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.358 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

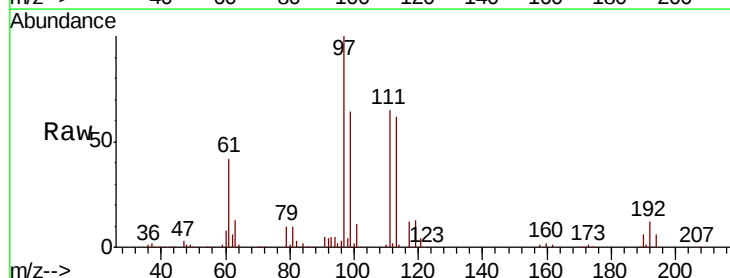
Tgt Ion: 97 Resp: 253589

Ion Ratio Lower Upper

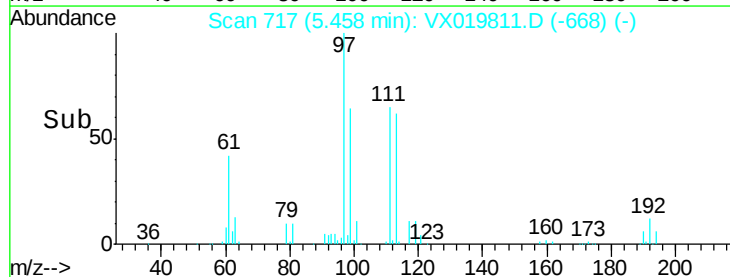
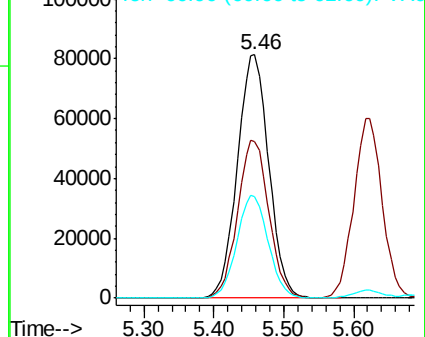
97 100

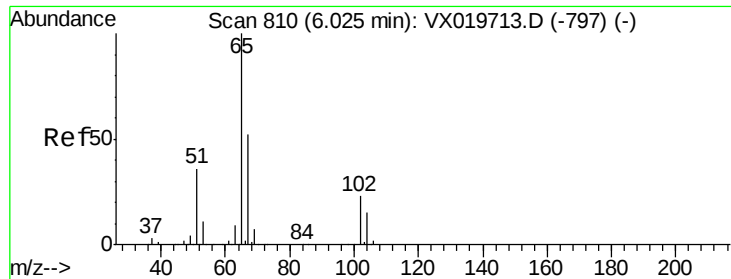
99 64.5 51.5 77.3

61 42.4 34.2 51.4



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.049 ug/l

RT: 6.03 min Scan# 810

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

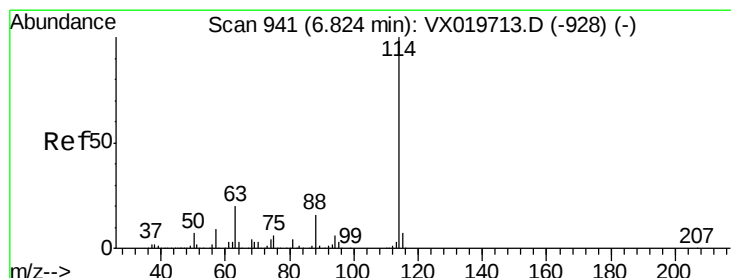
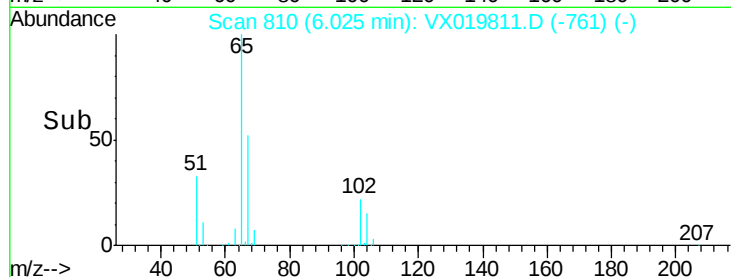
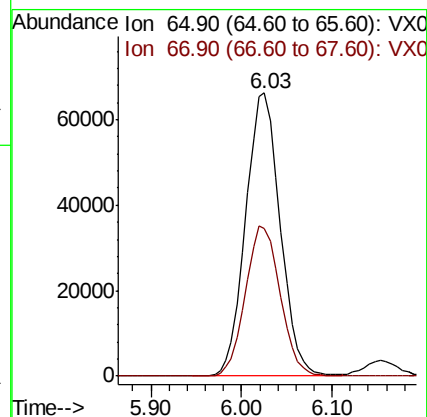
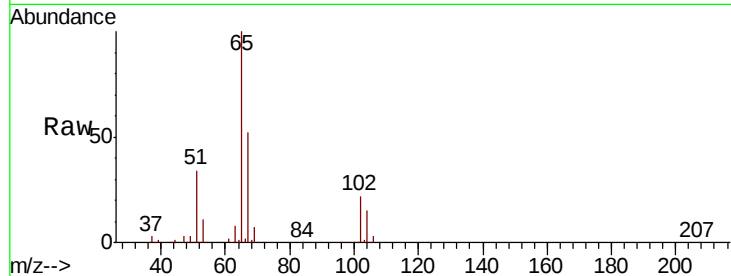
VSTDCCC050

Tot Ion: 65 Resp: 174994

Ion Ratio Lower Upper

65 100

67 53.5 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: VX019811.D

Acq: 10 Dec 2020 09:20

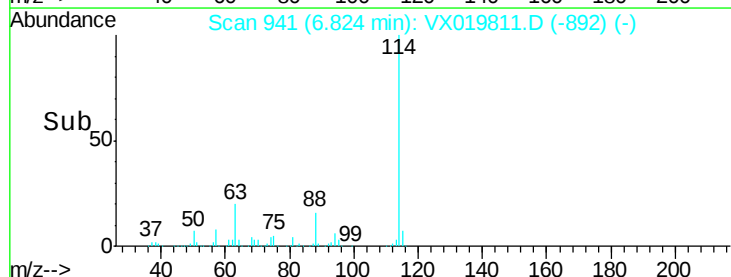
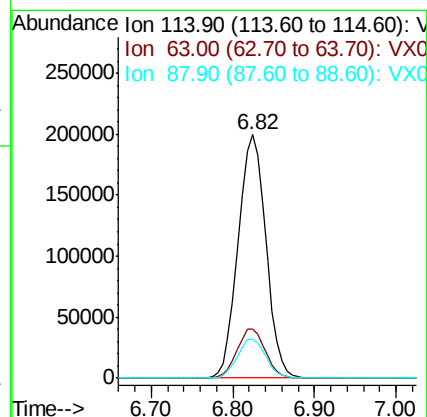
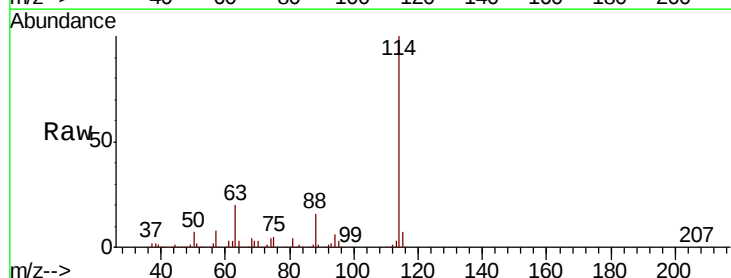
Tgt Ion: 114 Resp: 469545

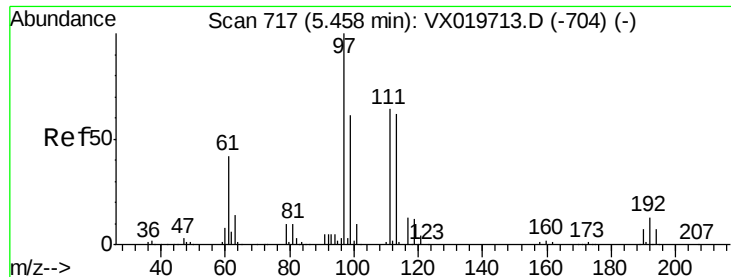
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 15.8 0.0 32.8

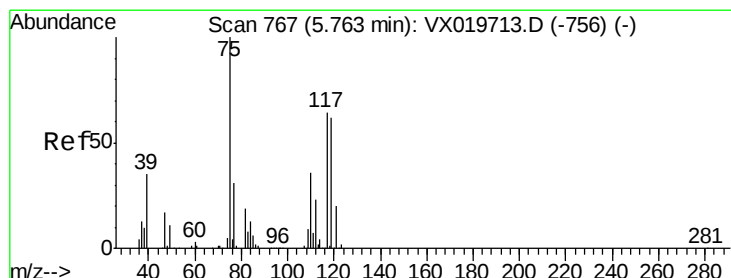
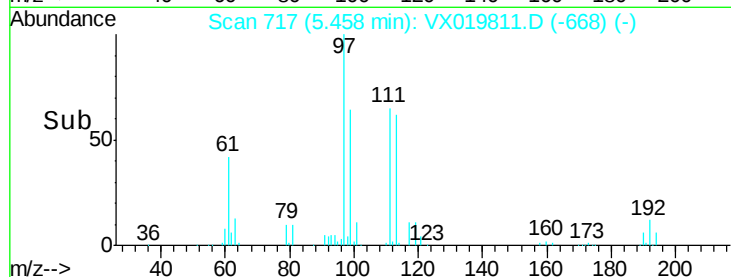
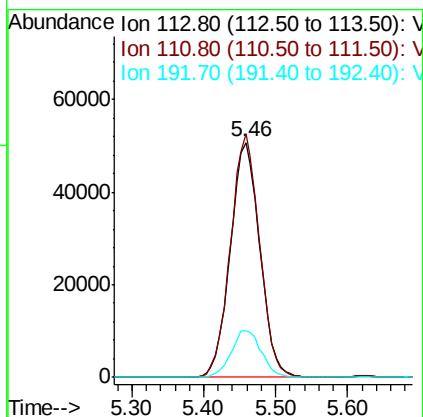
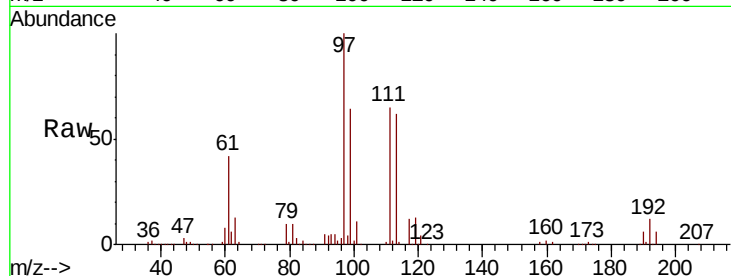




#35
Dibromofluoromethane
Concen: 47.698 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

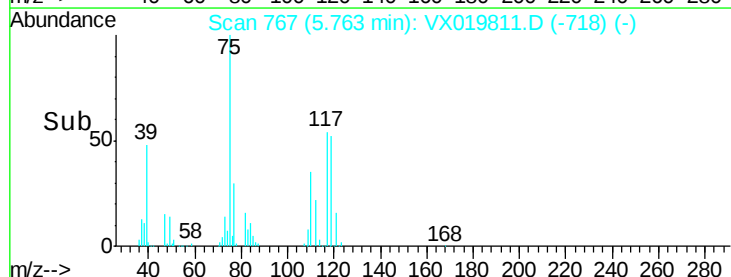
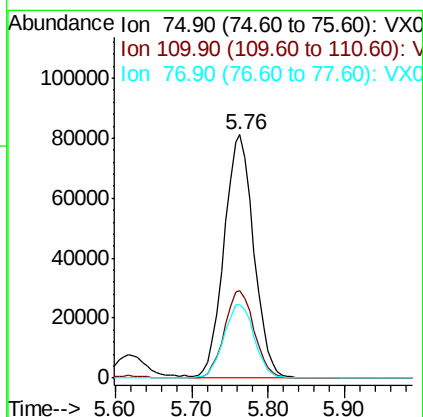
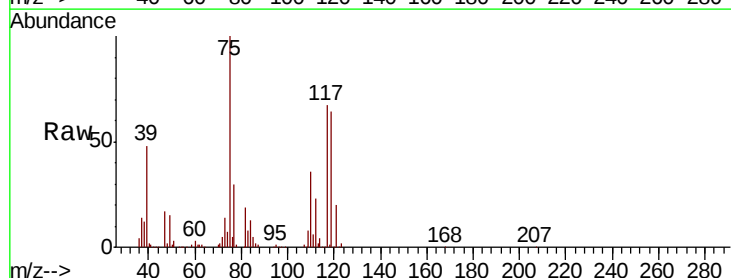
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

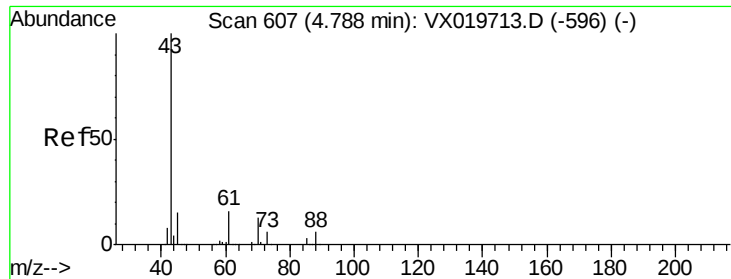
Tot Ion:113 Resp: 144745
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 20.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 51.275 ug/l
RT: 5.76 min Scan# 767
Delta R.T. 0.00 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

Tgt Ion: 75 Resp: 217559
Ion Ratio Lower Upper
75 100
110 36.2 18.1 54.4
77 31.2 25.3 37.9

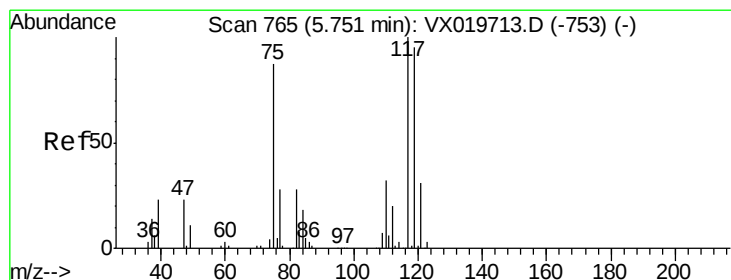
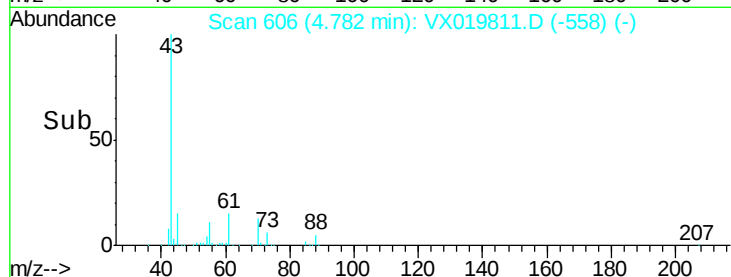
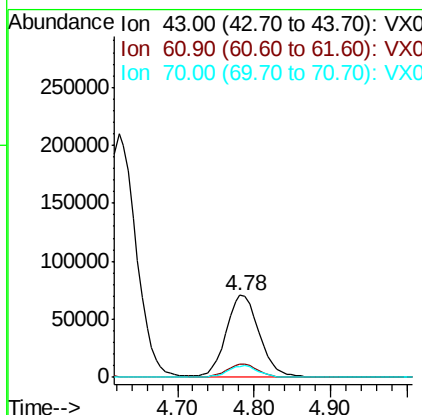
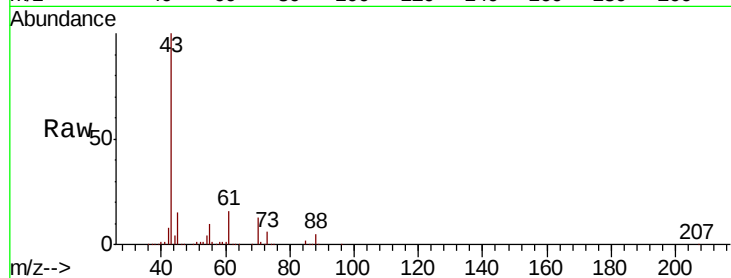




#37
Ethyl Acetate
Concen: 49.330 ug/l
RT: 4.78 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

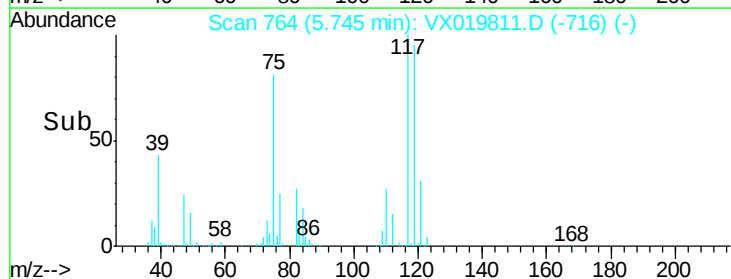
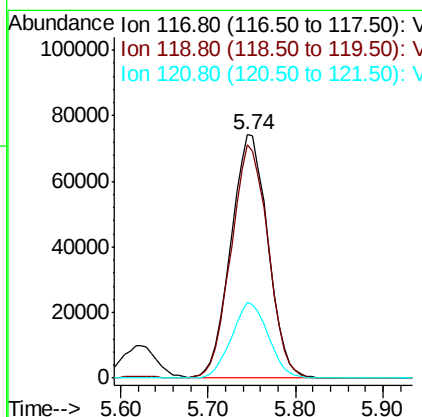
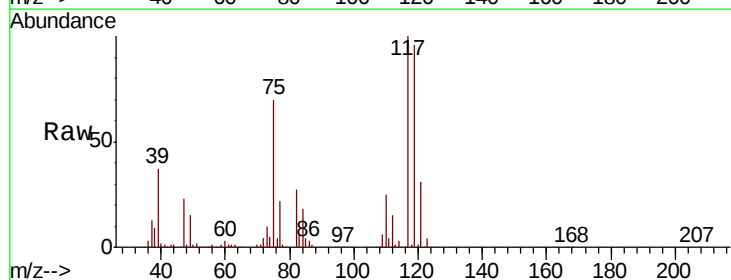
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

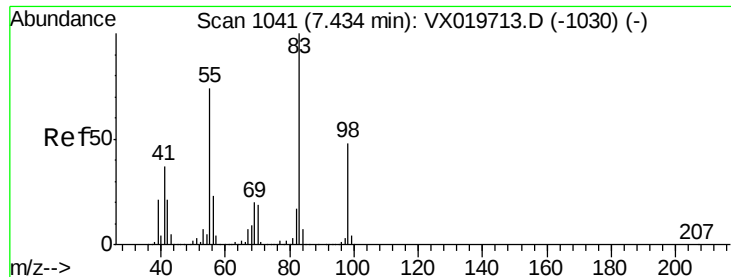
Tot Ion: 43 Resp: 211329
Ion Ratio Lower Upper
43 100
61 15.5 12.8 19.2
70 13.1 10.5 15.7



#38
Carbon Tetrachloride
Concen: 52.655 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

Tgt Ion: 117 Resp: 218777
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.2
121 31.1 24.8 37.2

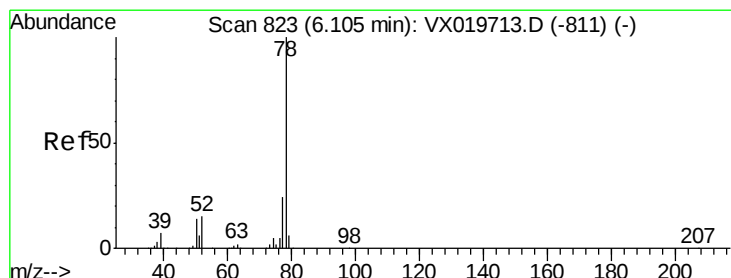
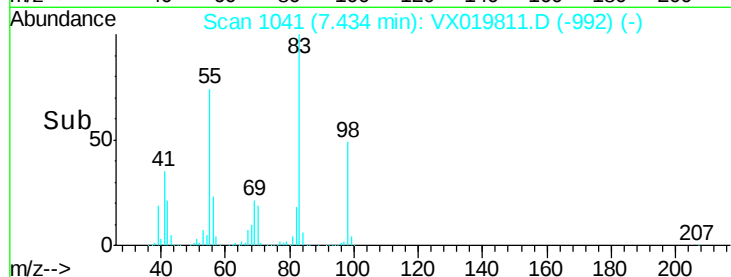
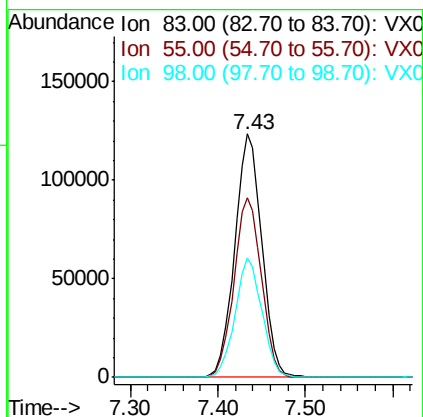
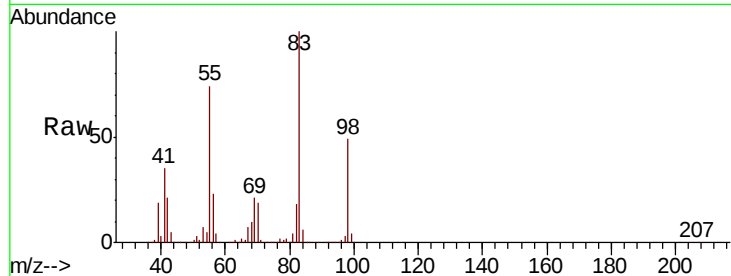




#39
Methvlcvclohexane
Concen: 53.209 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

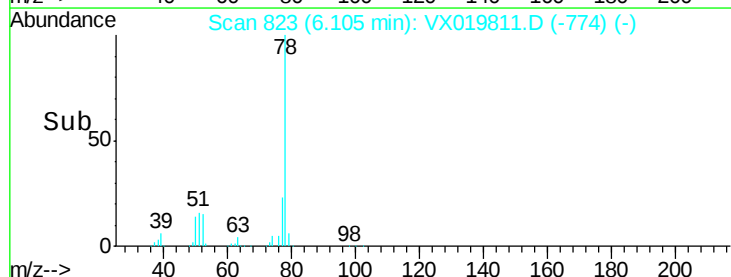
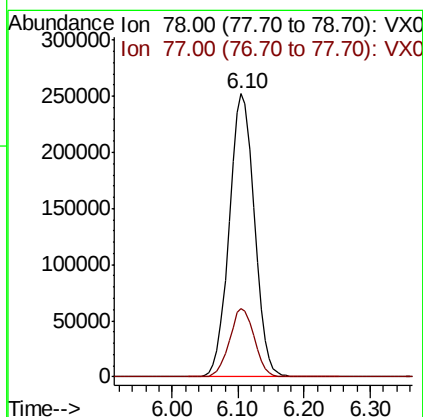
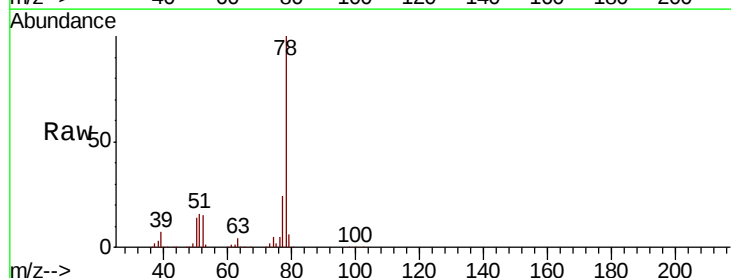
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

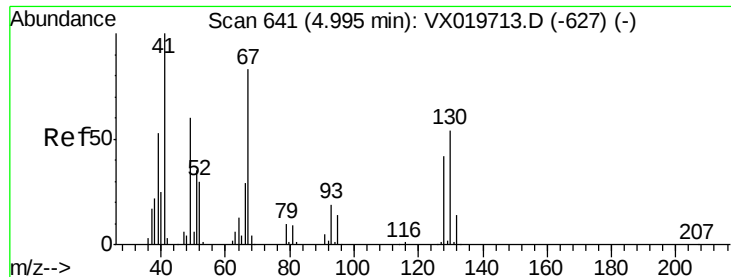
Tot Ion: 83 Resp: 265246
Ion Ratio Lower Upper
83 100
55 74.0 58.9 88.3
98 49.1 38.1 57.1



#40
Benzene
Concen: 51.289 ug/l
RT: 6.10 min Scan# 823
Delta R.T. 0.00 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

Tgt Ion: 78 Resp: 664758
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3

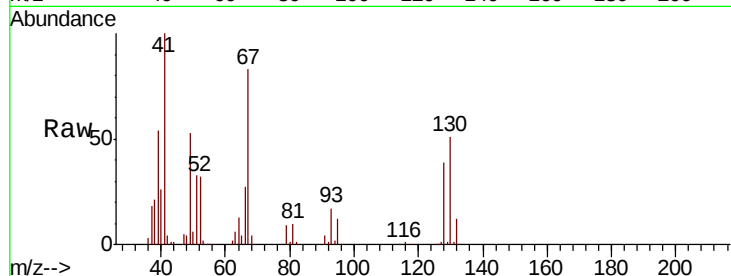




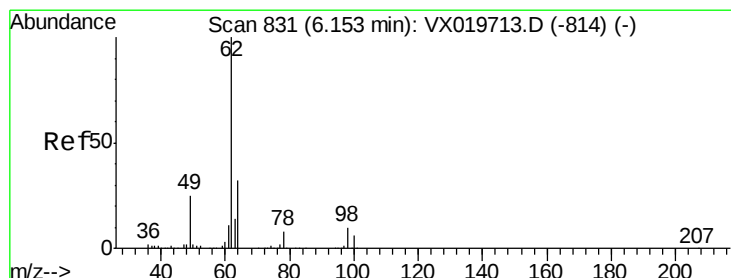
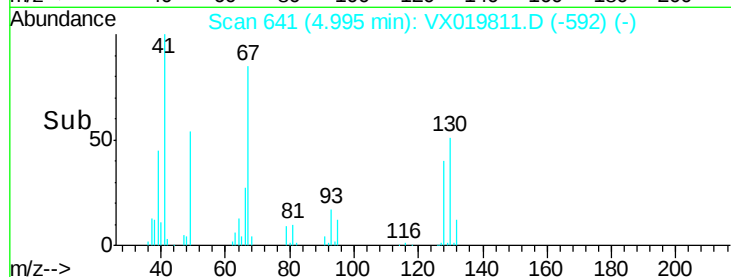
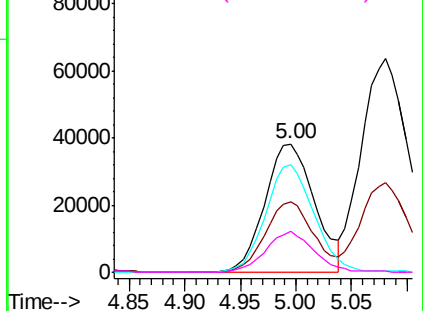
#41
Methacrylonitrile
Concen: 50.539 ug/l
RT: 5.00 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	118873
Ion	Ratio	Lower	Upper
41	100		
39	53.4	42.5	63.7
67	81.9	65.0	97.6
52	31.4	25.3	37.9

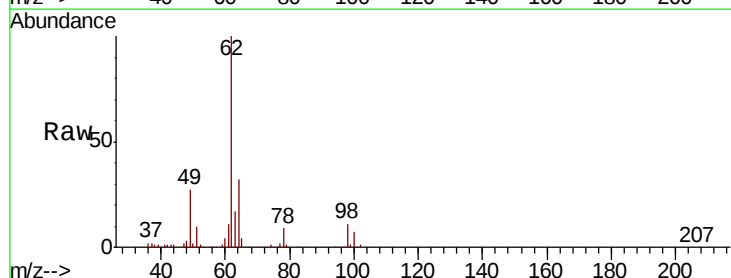


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

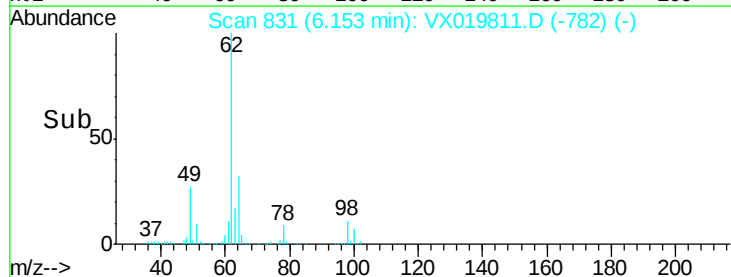
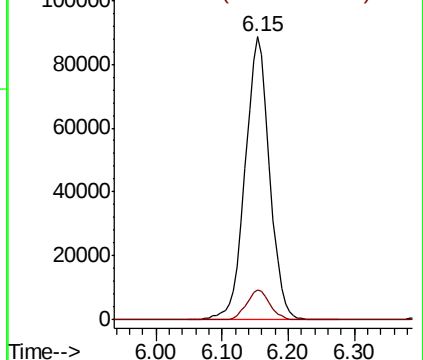


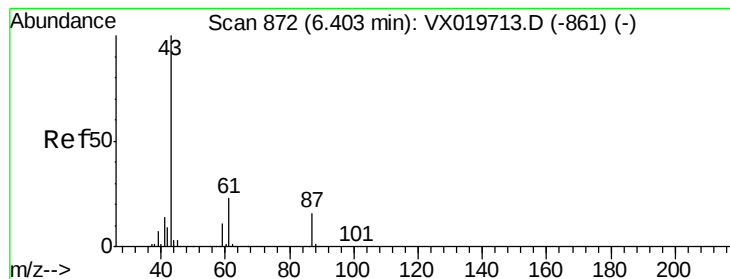
#42
1,2-Dichloroethane
Concen: 51.331 ug/l
RT: 6.15 min Scan# 831
Delta R.T. 0.00 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

Tgt Ion:	62	Resp:	227312
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2



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



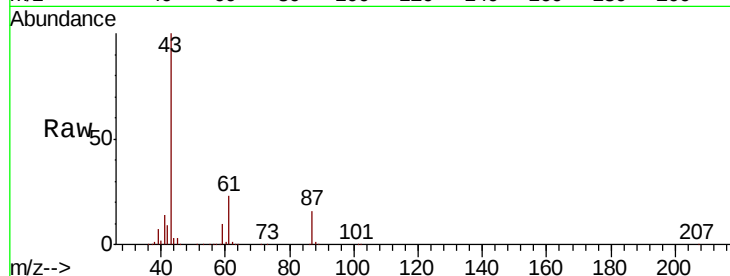


#43

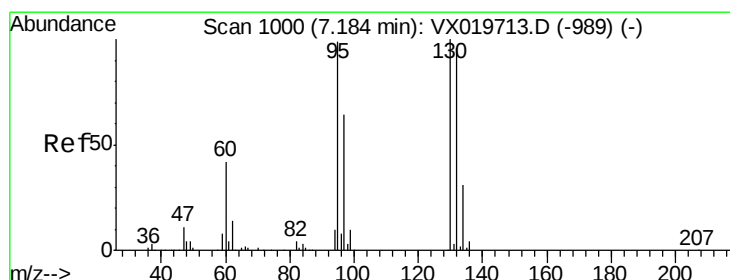
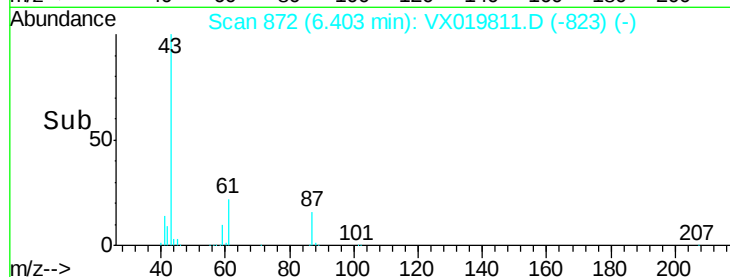
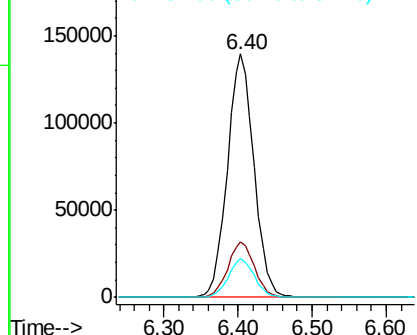
Isopropyl Acetate
 Concen: 49.433 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: VX019811.D
 Acq: 10 Dec 2020 09:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 344292
 Ion Ratio Lower Upper
 43 100
 61 23.1 18.2 27.4
 87 15.5 12.5 18.7



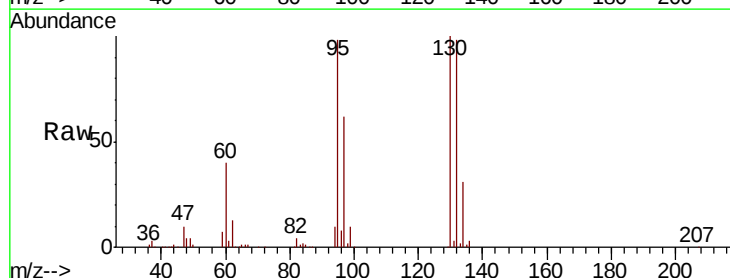
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



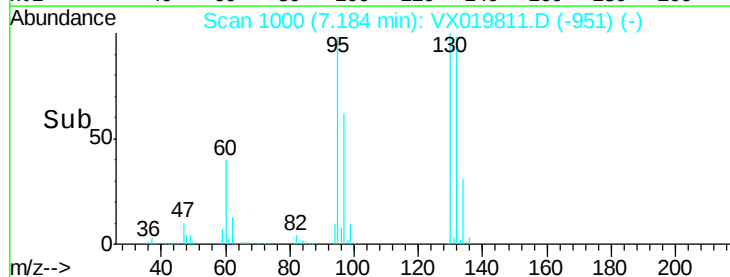
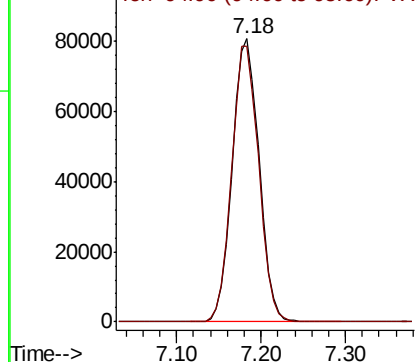
#44

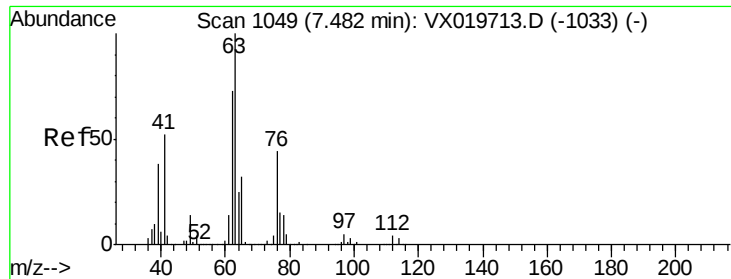
Trichloroethene
 Concen: 51.161 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VX019811.D
 Acq: 10 Dec 2020 09:20

Tgt Ion: 130 Resp: 173981
 Ion Ratio Lower Upper
 130 100
 95 97.5 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

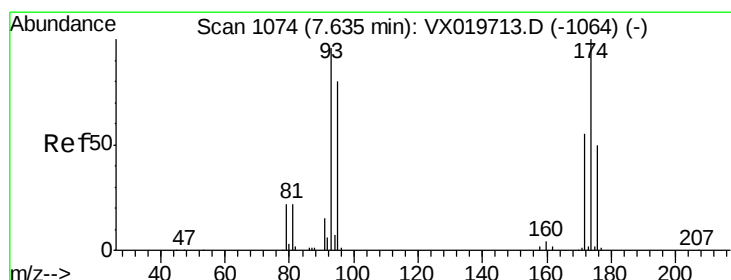
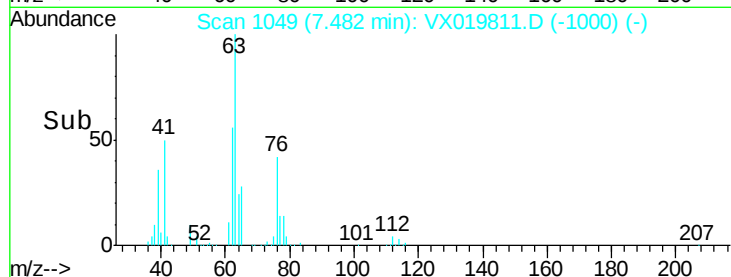
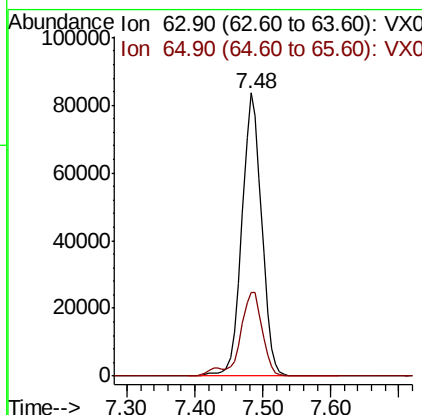
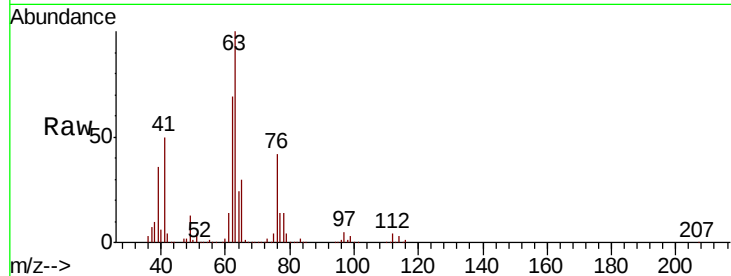




#45
 1,2-Dichloropropane
 Concen: 51.907 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VX019811.D
 Acq: 10 Dec 2020 09:20

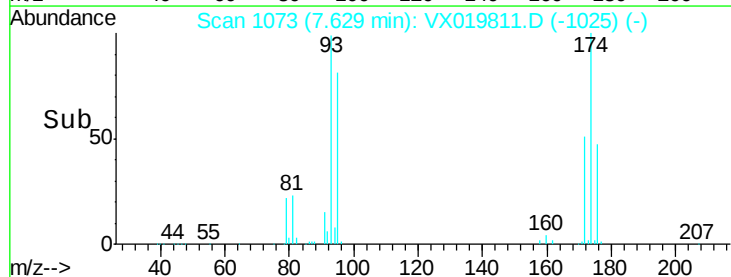
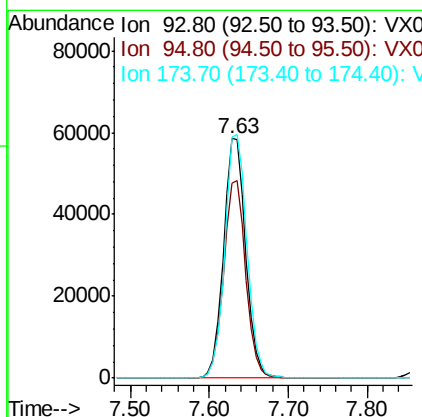
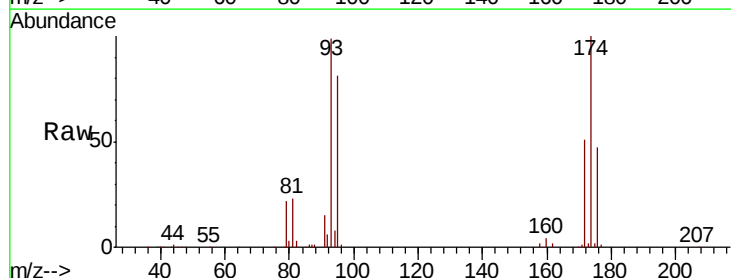
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

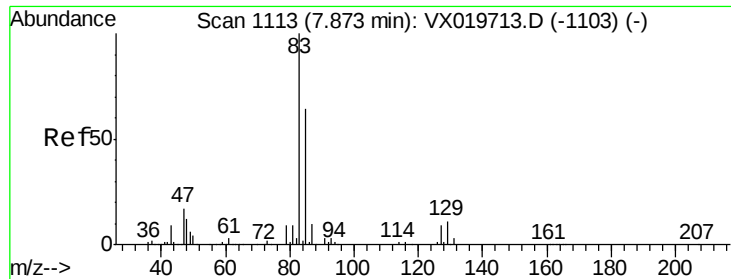
Tot Ion: 63 Resp: 168143
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.7 38.5



#46
 Dibromomethane
 Concen: 52.109 ug/l
 RT: 7.63 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: VX019811.D
 Acq: 10 Dec 2020 09:20

Tgt Ion: 93 Resp: 113990
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.8 100.2
 174 102.1 83.1 124.7





#47

Bromodichloromethane

Concen: 52.489 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

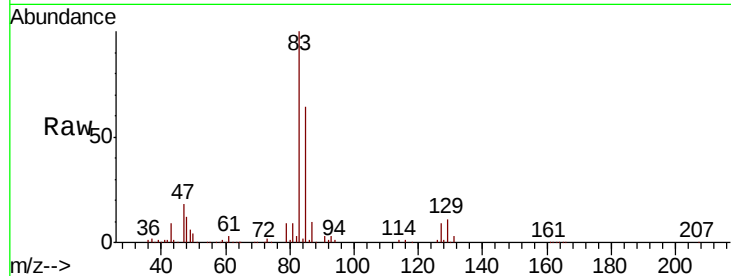
Tot Ion: 83 Resp: 227842

Ion Ratio Lower Upper

83 100

85 64.1 51.4 77.0

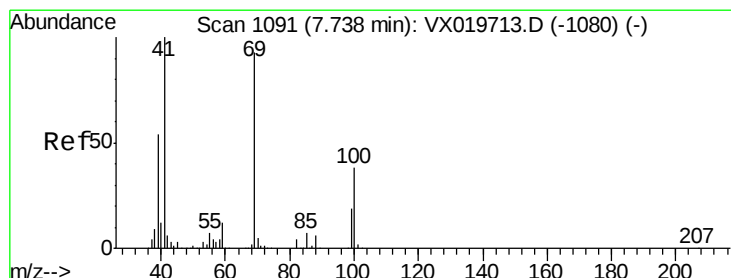
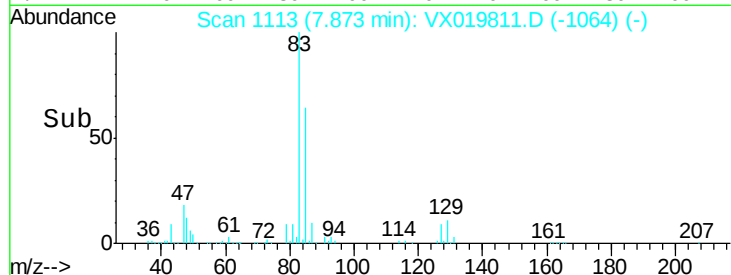
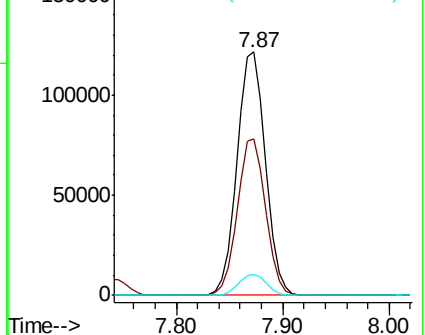
127 8.7 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.076 ug/l

RT: 7.74 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

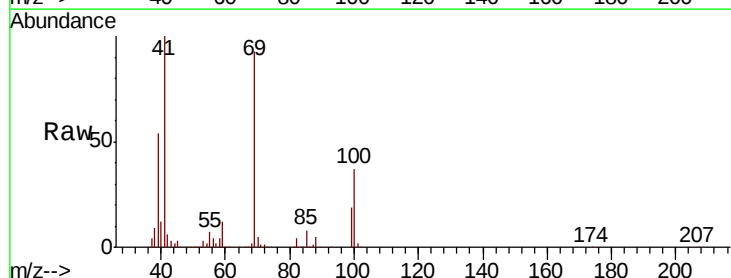
Tgt Ion: 41 Resp: 171530

Ion Ratio Lower Upper

41 100

69 95.2 76.0 114.0

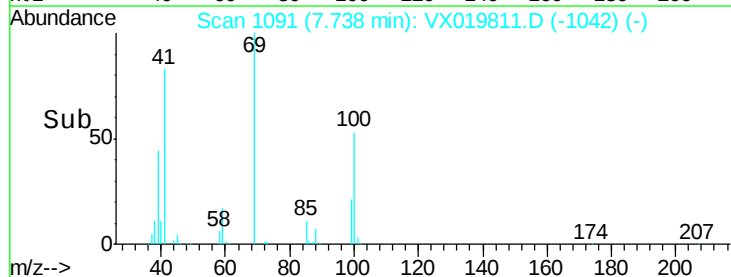
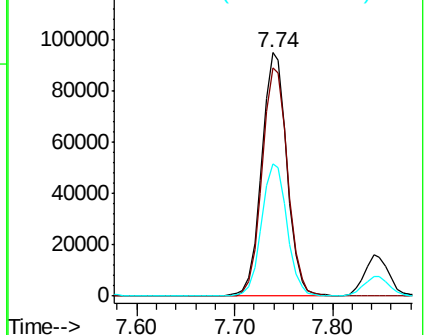
39 55.4 44.6 67.0

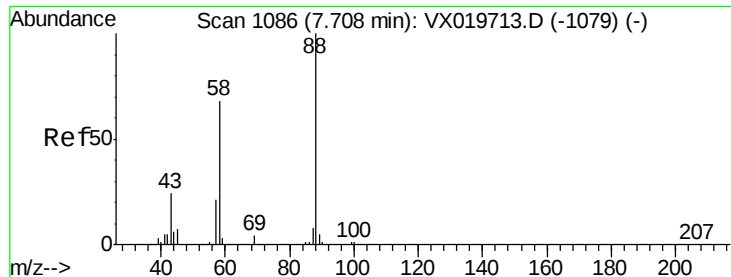


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 997.333 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

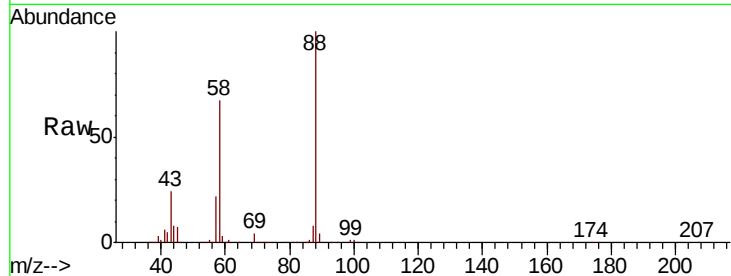
Tot Ion: 88 Resp: 82758

Ion Ratio Lower Upper

88 100

43 28.0 23.2 34.8

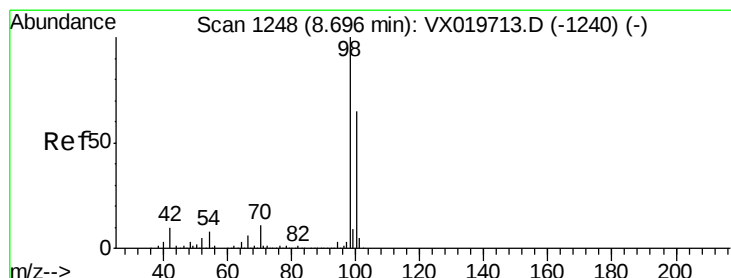
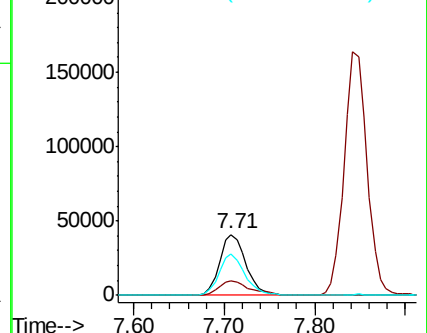
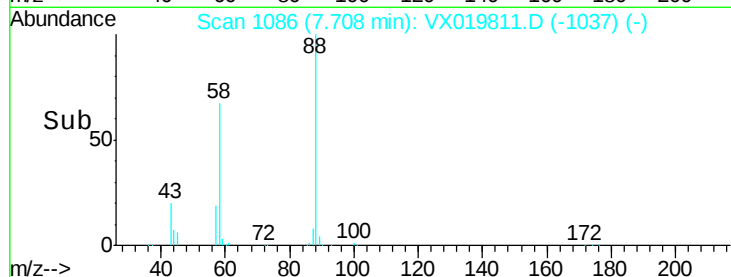
58 68.0 55.0 82.4



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: 47.461 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019811.D

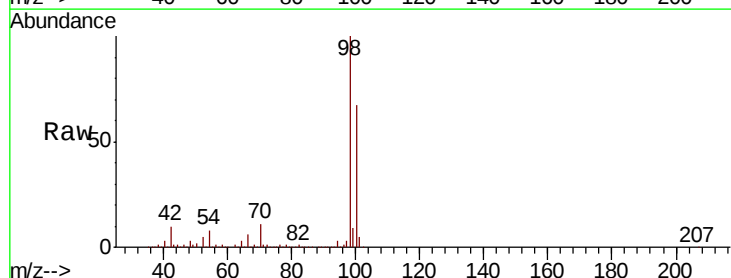
Acq: 10 Dec 2020 09:20

Tgt Ion: 98 Resp: 549850

Ion Ratio Lower Upper

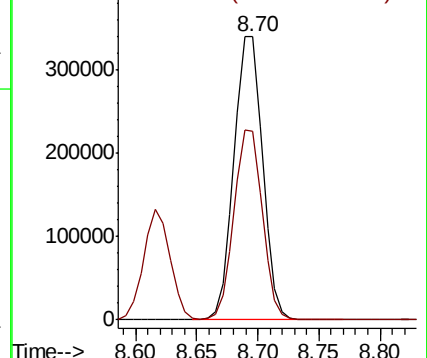
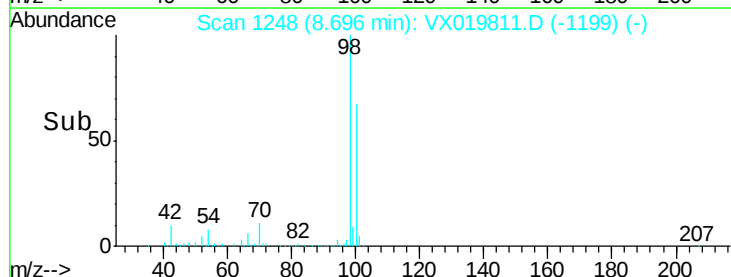
98 100

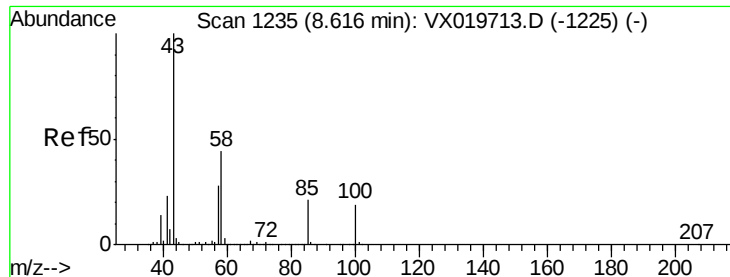
100 66.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

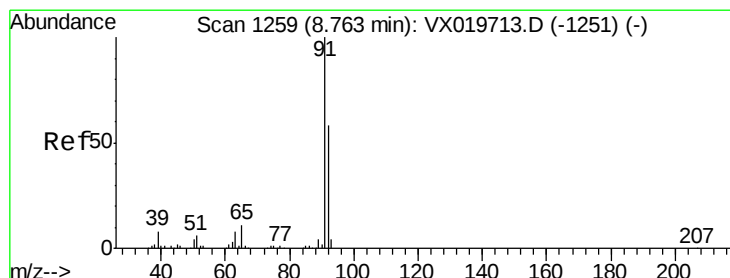
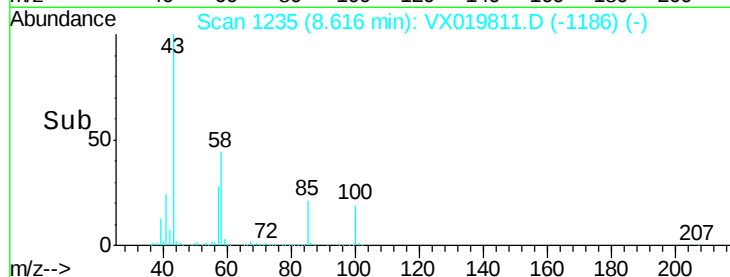
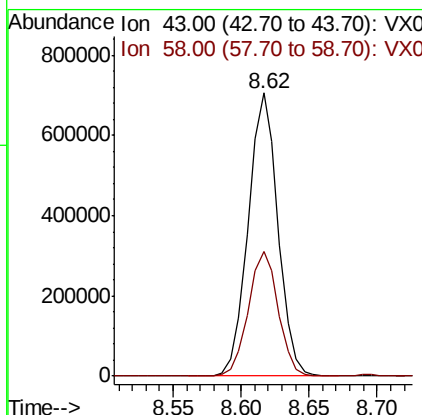
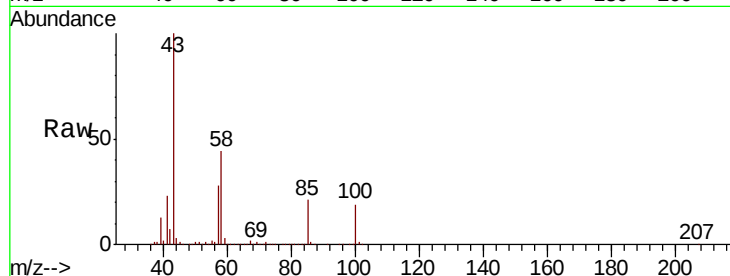




#51
 4-Methyl-2-Pentanone
 Concen: 253.814 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX019811.D
 Acq: 10 Dec 2020 09:20

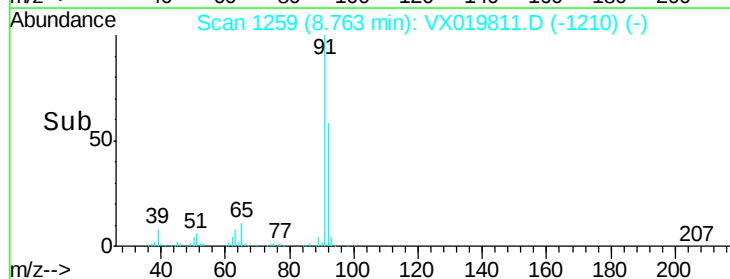
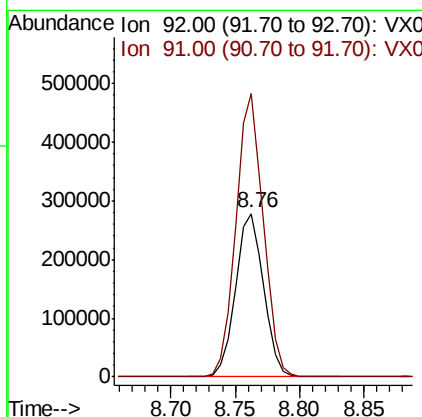
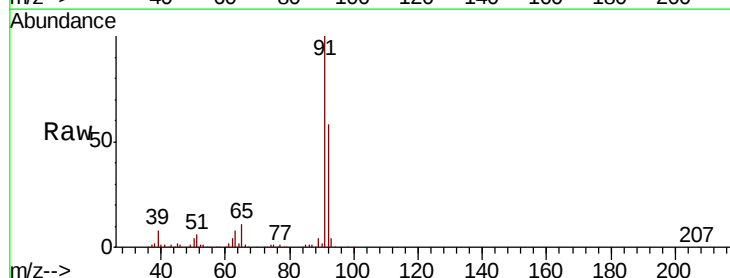
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

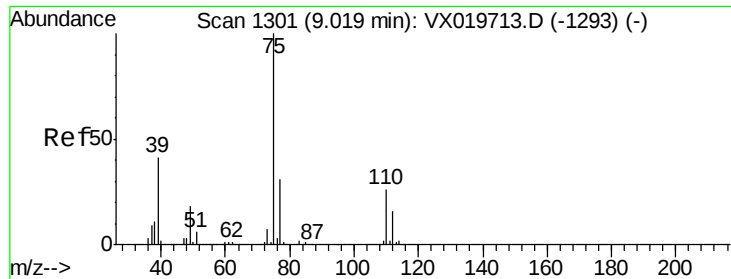
Tot Ion: 43 Resp: 1079289
 Ion Ratio Lower Upper
 43 100
 58 44.3 35.4 53.0



#52
 Toluene
 Concen: 51.856 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019811.D
 Acq: 10 Dec 2020 09:20

Tgt Ion: 92 Resp: 420363
 Ion Ratio Lower Upper
 92 100
 91 169.7 137.1 205.7

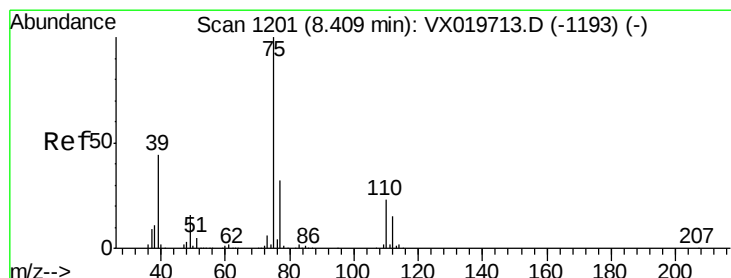
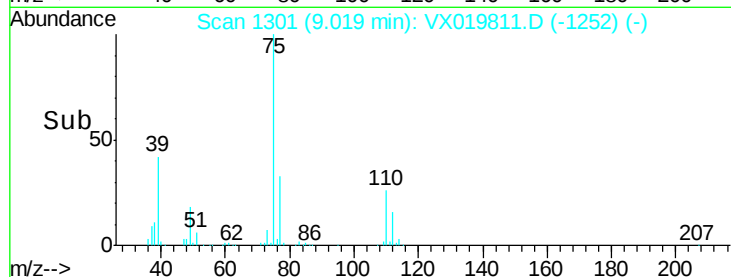
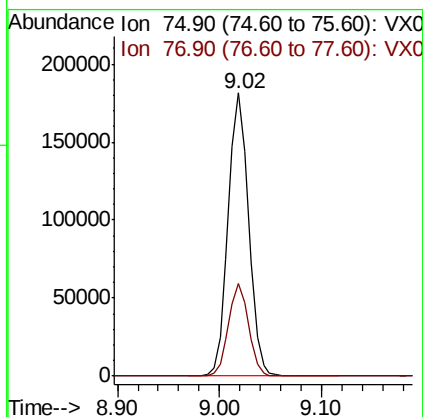
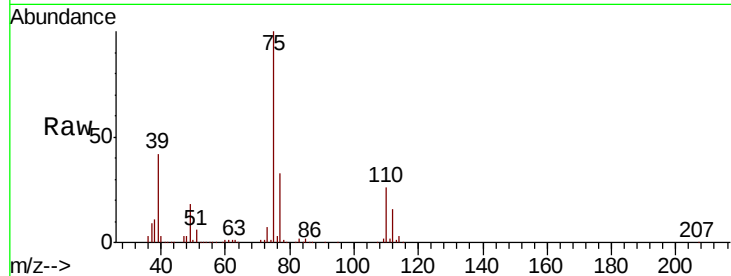




#53
 t-1,3-Dichloropropene
 Concen: 52.355 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: VX019811.D
 Acq: 10 Dec 2020 09:20

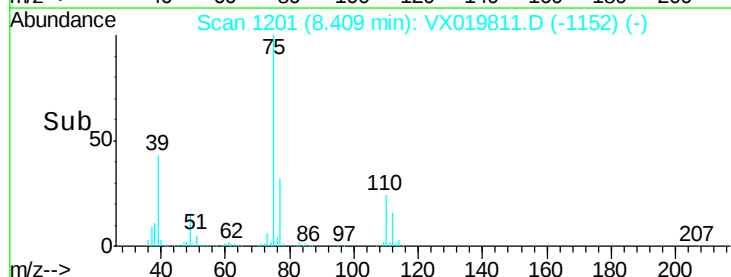
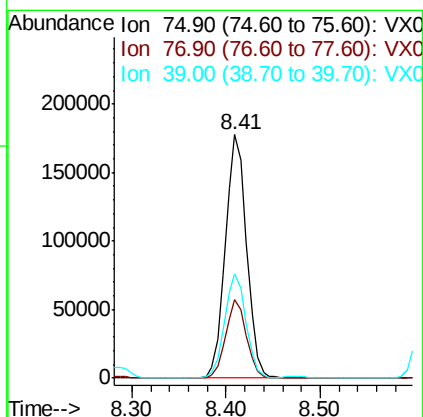
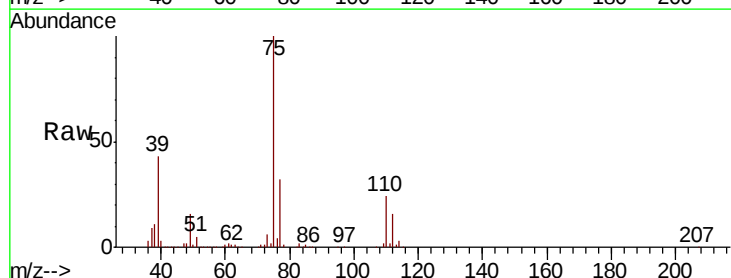
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

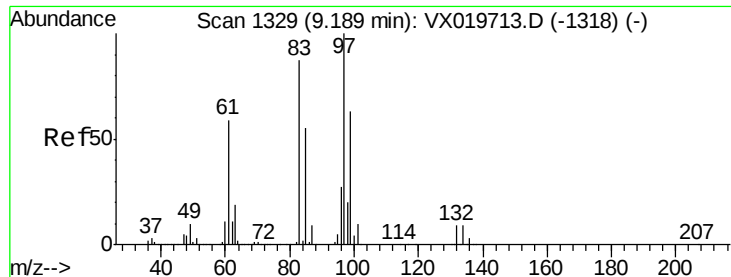
Tot Ion: 75 Resp: 252191
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 53.028 ug/l
 RT: 8.41 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: VX019811.D
 Acq: 10 Dec 2020 09:20

Tgt Ion: 75 Resp: 277505
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.7 38.5
 39 42.8 35.1 52.7

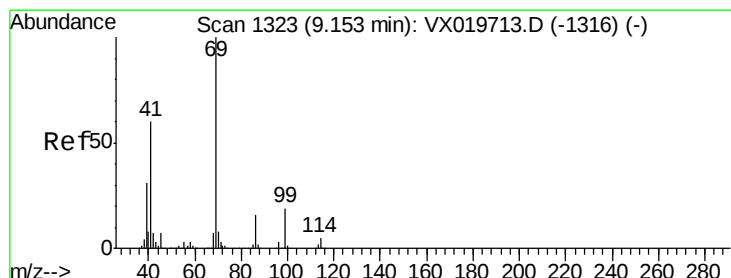
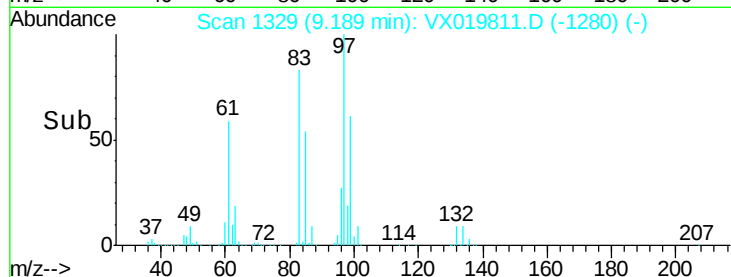
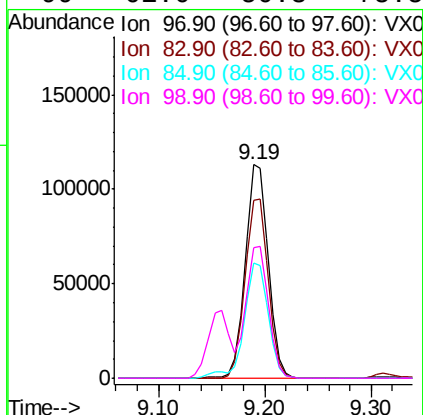
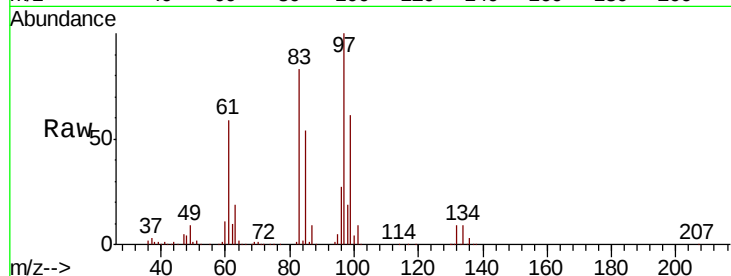




#55
 1,1,2-Trichloroethane
 Concen: 52.522 ug/l
 RT: 9.19 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: VX019811.D
 Acq: 10 Dec 2020 09:20

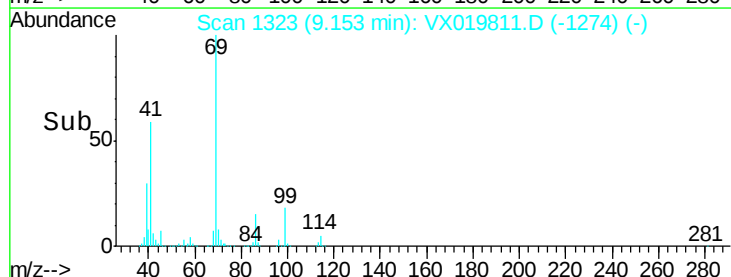
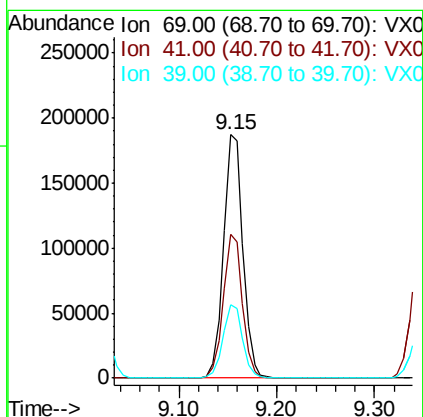
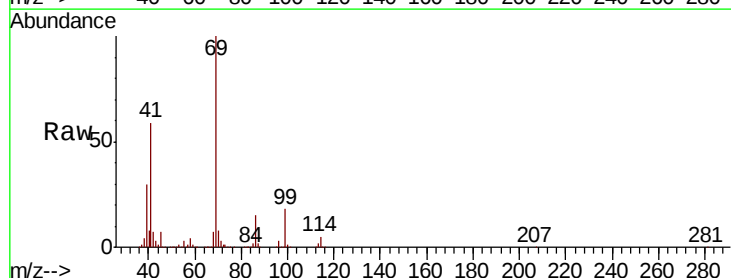
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

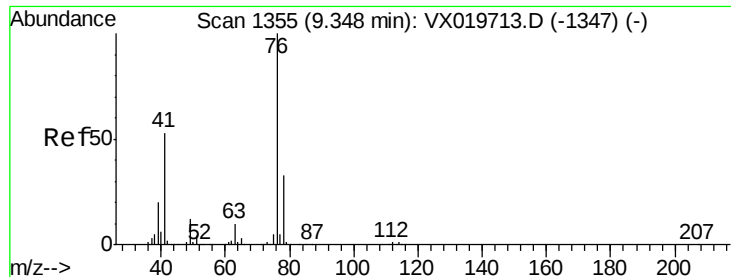
Tot Ion:	97	Resp:	171577
Ion	Ratio	Lower	Upper
97	100		
83	83.1	69.3	103.9
85	53.9	44.3	66.5
99	61.0	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 51.978 ug/l
 RT: 9.15 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX019811.D
 Acq: 10 Dec 2020 09:20

Tgt Ion:	69	Resp:	256900
Ion	Ratio	Lower	Upper
69	100		
41	58.4	46.8	70.2
39	30.5	24.7	37.1





#57

1,3-Dichloropropane

Concen: 50.979 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

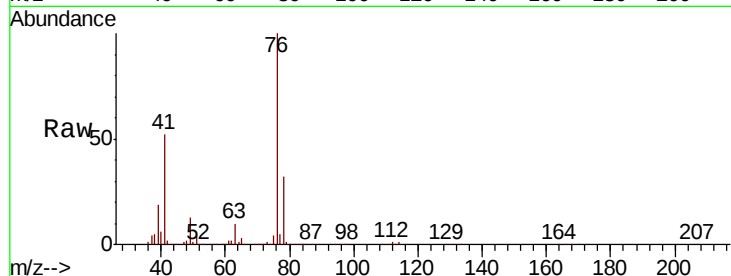
VSTDCCC050

Tot Ion: 76 Resp: 284360

Ion Ratio Lower Upper

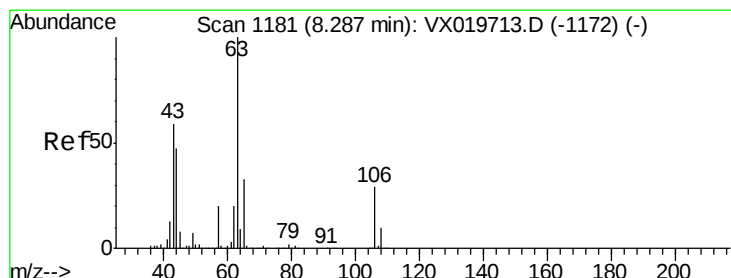
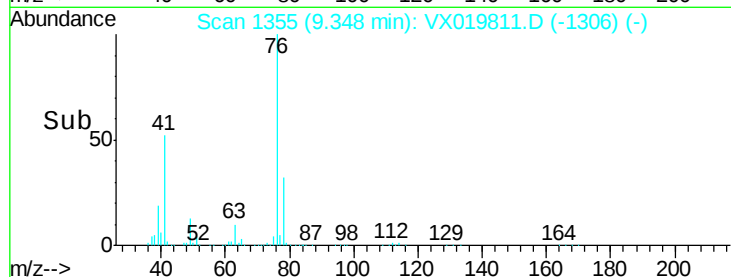
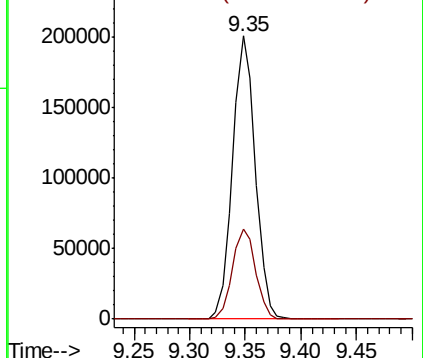
76 100

78 32.5 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 263.880 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019811.D

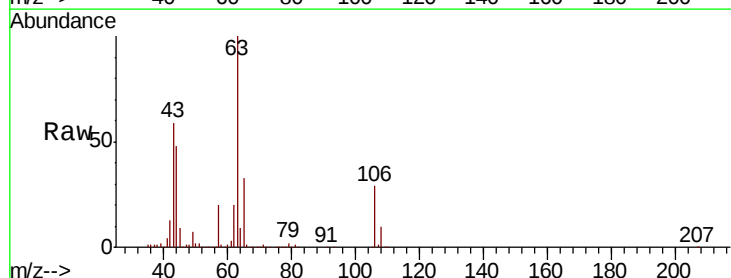
Acq: 10 Dec 2020 09:20

Tgt Ion: 63 Resp: 690922

Ion Ratio Lower Upper

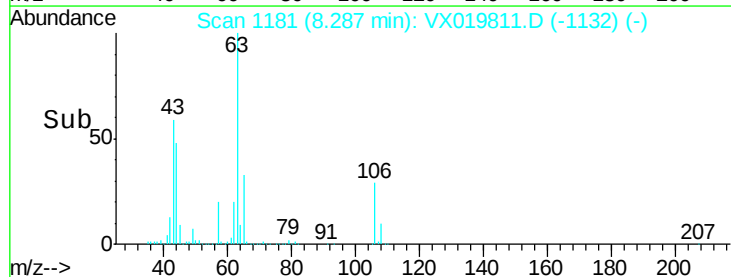
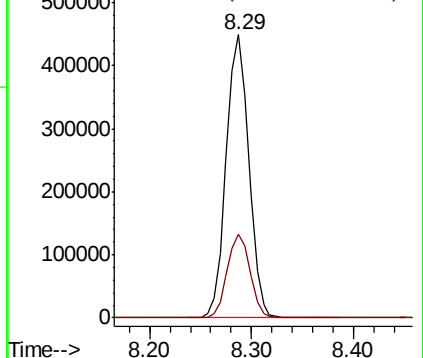
63 100

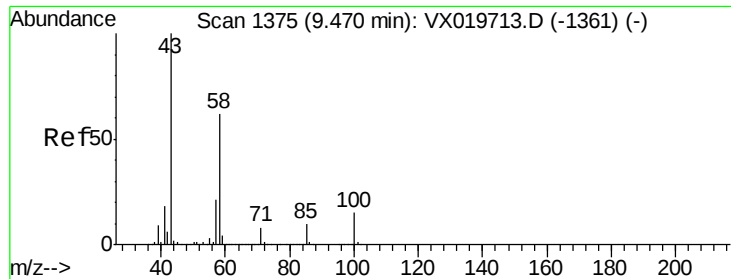
106 29.7 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

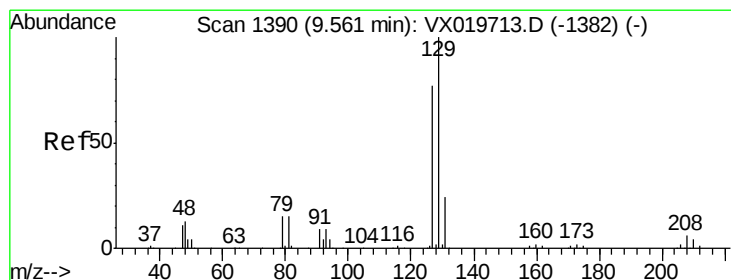
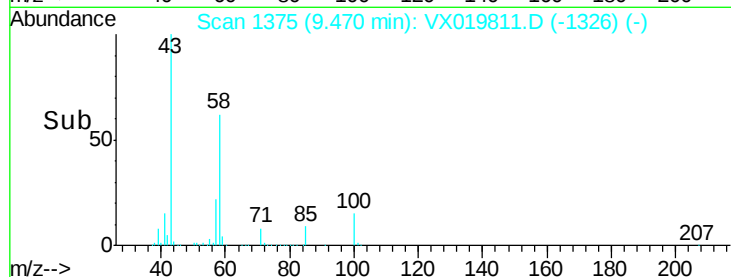
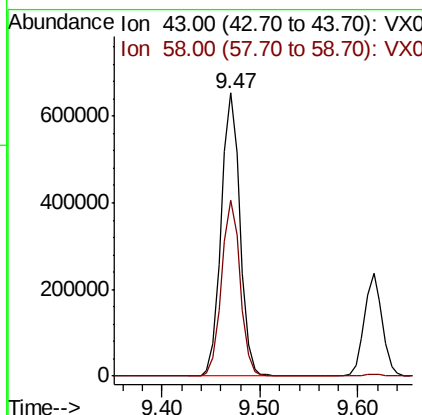
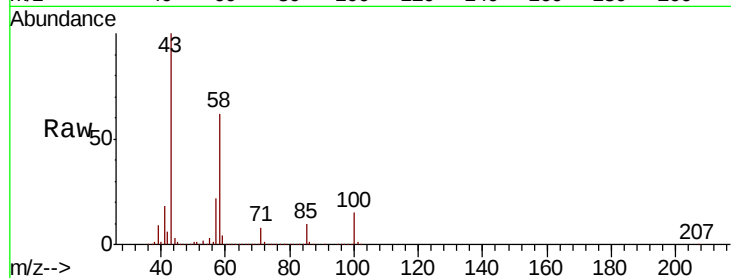




#59
2-Hexanone
Concen: 263.879 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

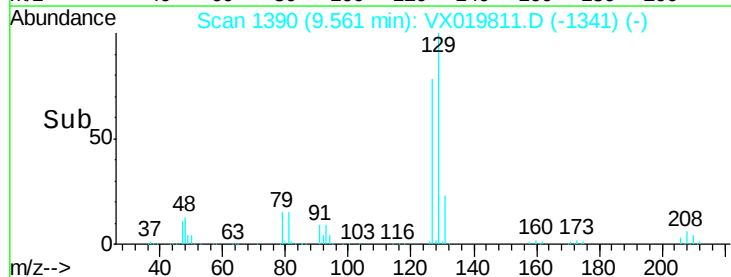
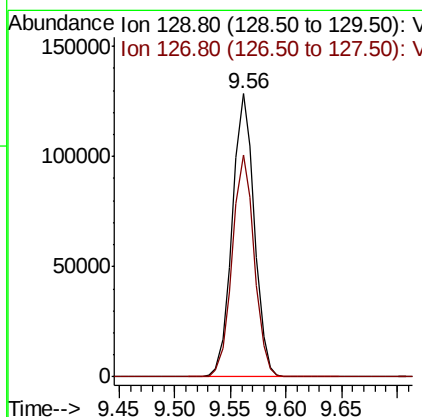
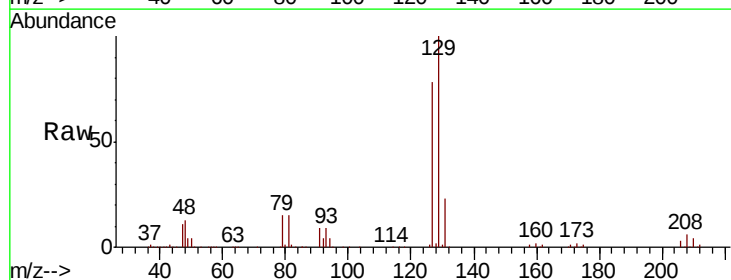
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

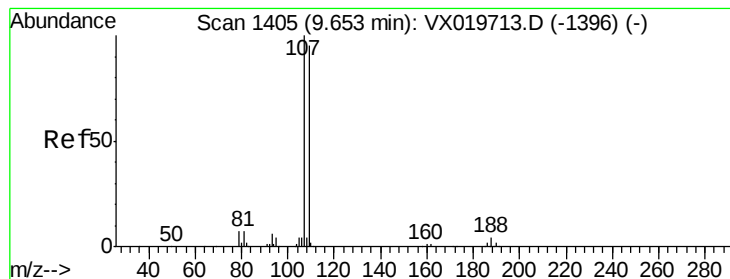
Tot Ion: 43 Resp: 869767
Ion Ratio Lower Upper
43 100
58 61.7 30.9 92.8



#60
Dibromochloromethane
Concen: 53.244 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

Tgt Ion: 129 Resp: 176716
Ion Ratio Lower Upper
129 100
127 78.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.217 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

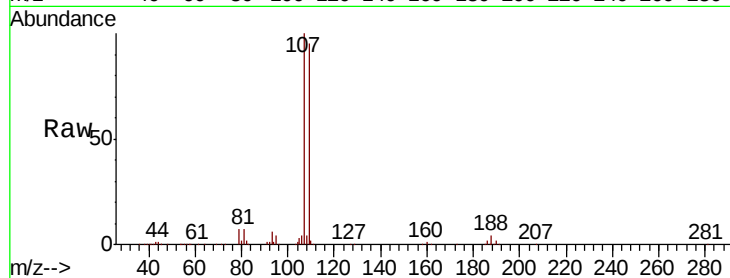
VSTDCCC050

Tot Ion:107 Resp: 177667

Ion Ratio Lower Upper

107 100

109 94.5 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

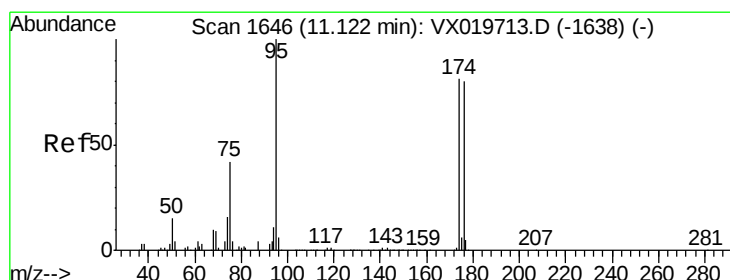
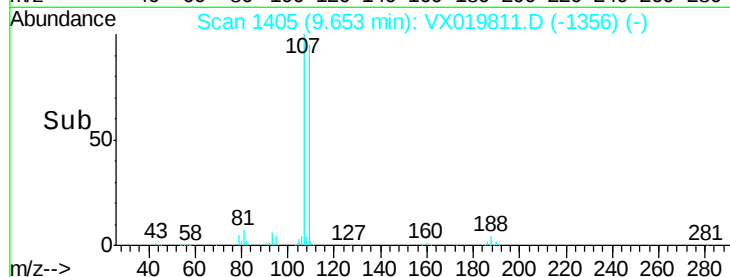
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.730 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.01 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

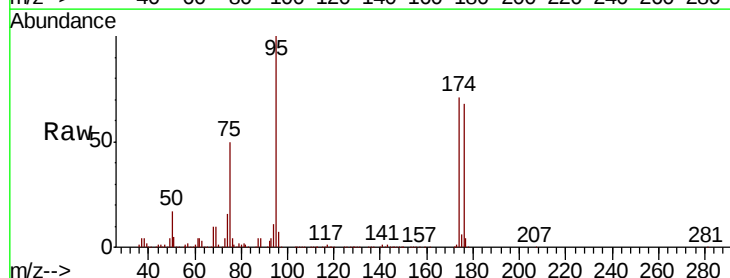
Tgt Ion: 95 Resp: 210467

Ion Ratio Lower Upper

95 100

174 79.0 0.0 154.6

176 76.3 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

11.12

200000

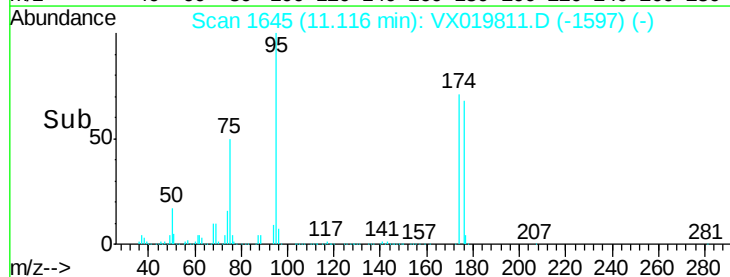
150000

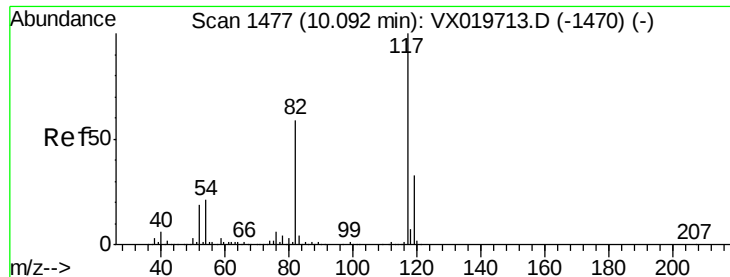
100000

50000

0

Time-->

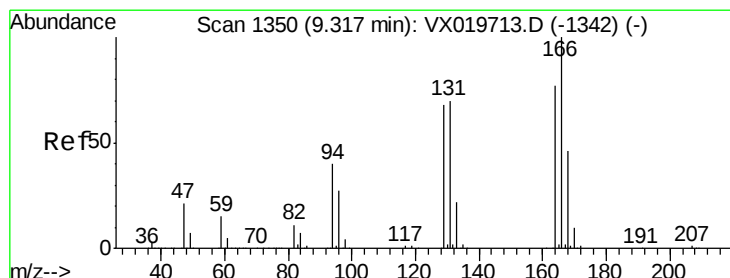
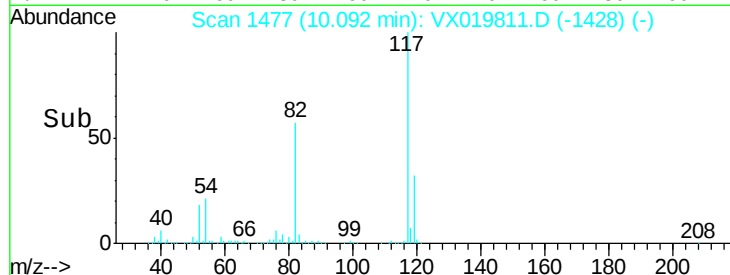
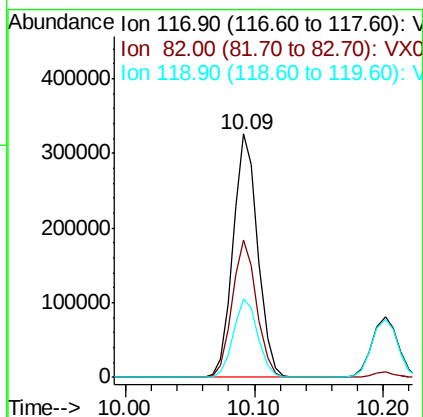
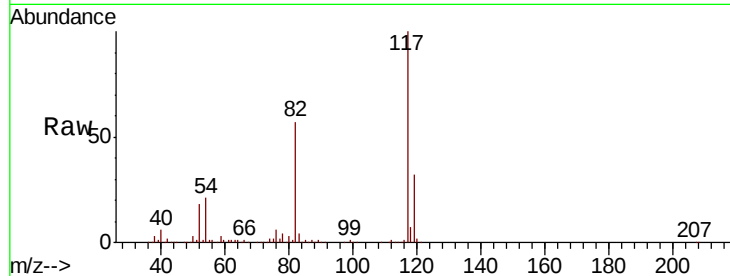




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

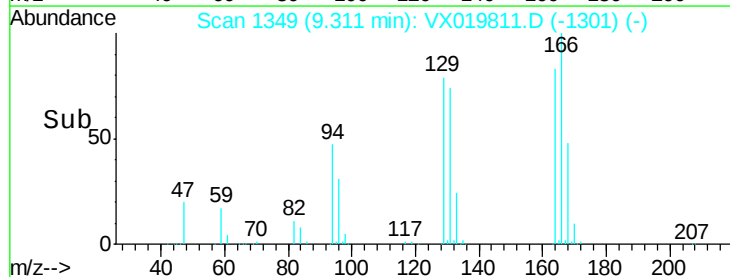
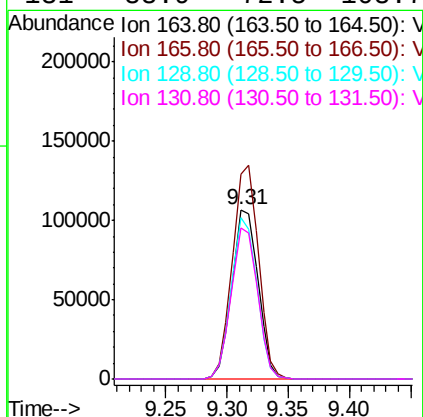
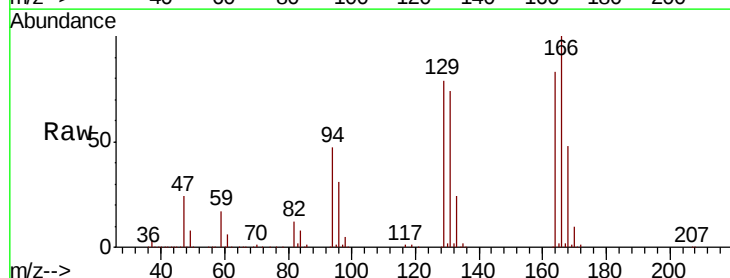
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

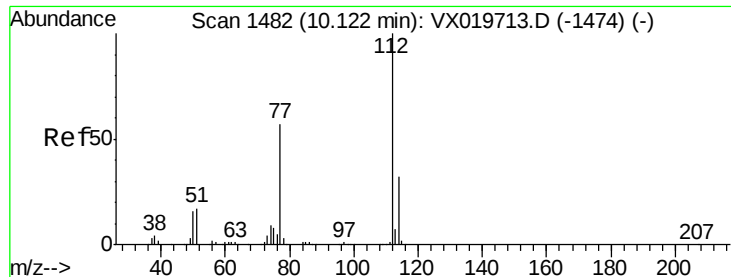
Tot Ion:117 Resp: 435078
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 32.4 26.6 39.8



#64
Tetrachloroethene
Concen: 54.193 ug/l
RT: 9.31 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

Tgt Ion:164 Resp: 158120
Ion Ratio Lower Upper
164 100
166 120.8 103.4 155.2
129 94.9 70.8 106.2
131 88.9 72.5 108.7

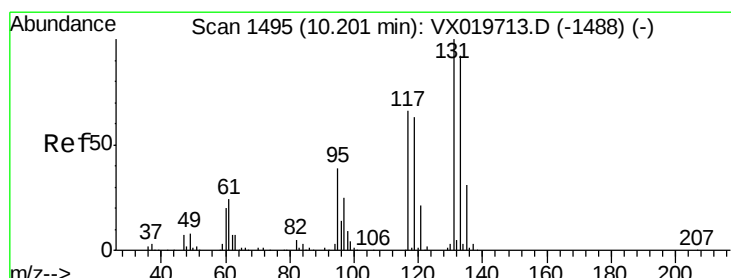
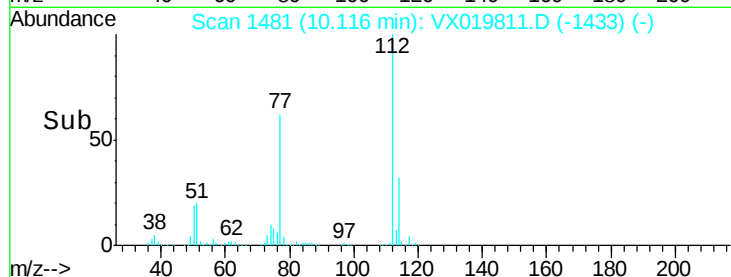
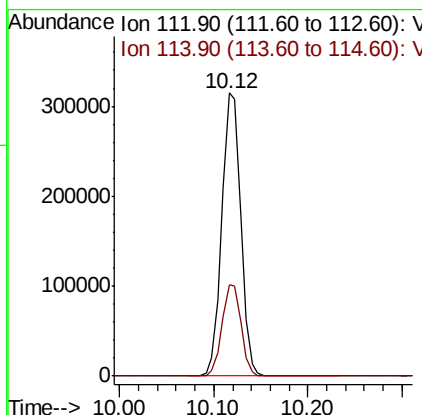
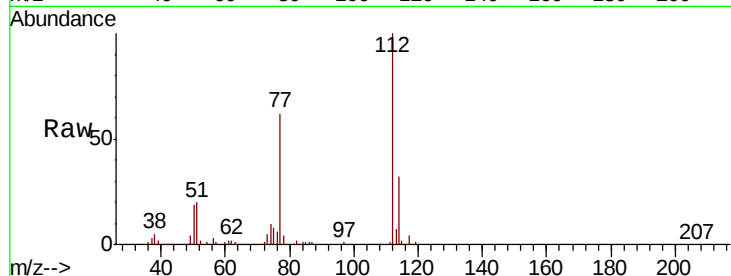




#65
Chlorobenzene
Concen: 50.636 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

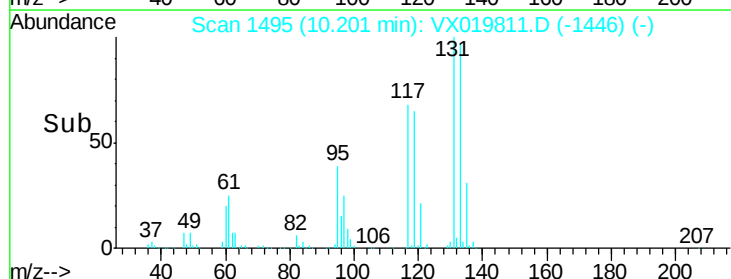
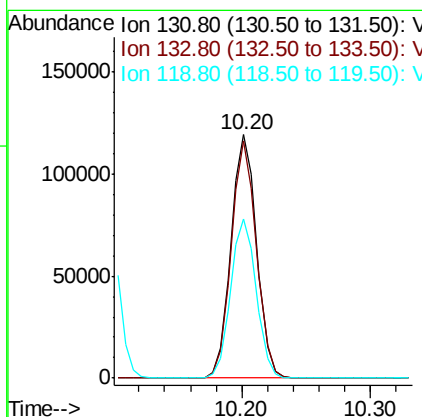
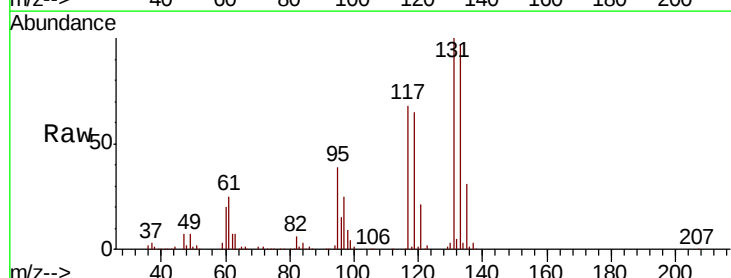
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

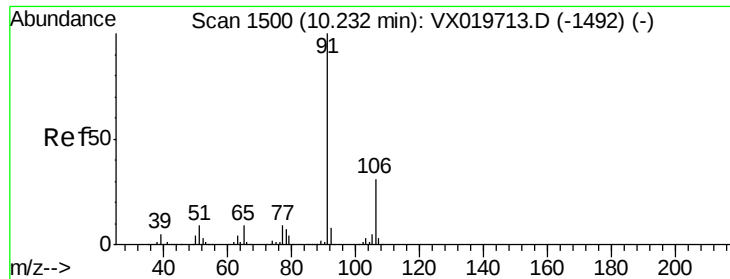
Tot Ion:112 Resp: 438909
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.992 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

Tgt Ion:131 Resp: 165327
Ion Ratio Lower Upper
131 100
133 96.1 47.7 143.1
119 65.7 32.1 96.5





#67

Ethyl Benzene

Concen: 52.213 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

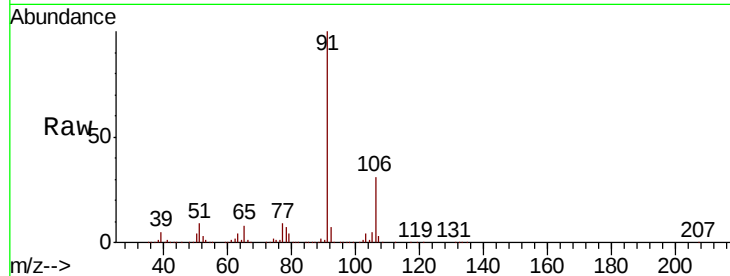
VSTDCCC050

Tot Ion: 91 Resp: 803347

Ion Ratio Lower Upper

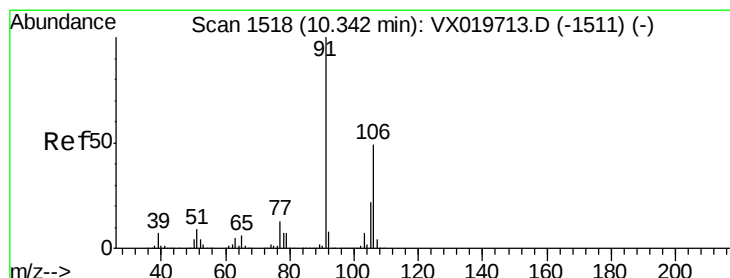
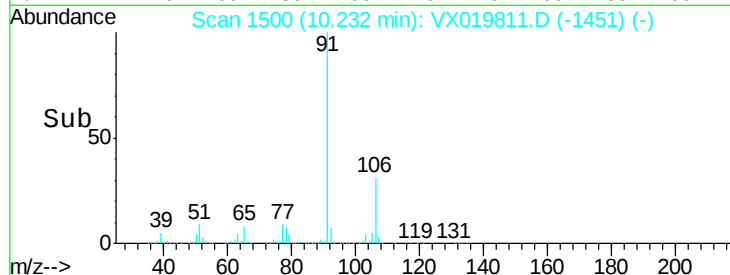
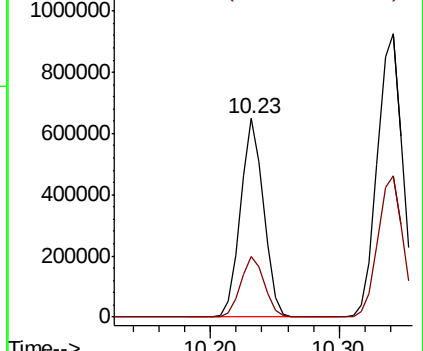
91 100

106 30.8 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 105.977 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019811.D

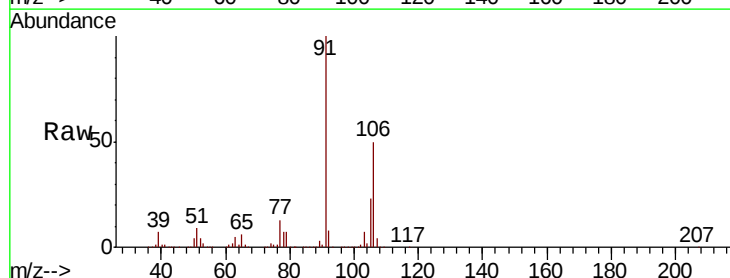
Acq: 10 Dec 2020 09:20

Tgt Ion: 106 Resp: 614422

Ion Ratio Lower Upper

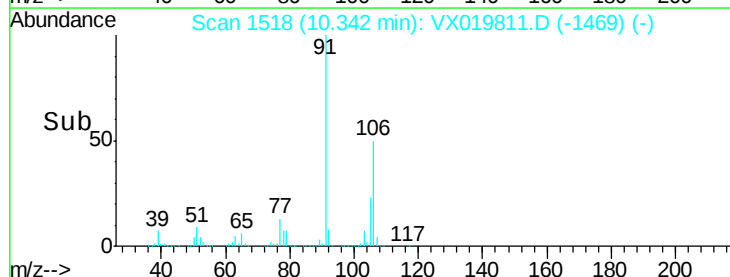
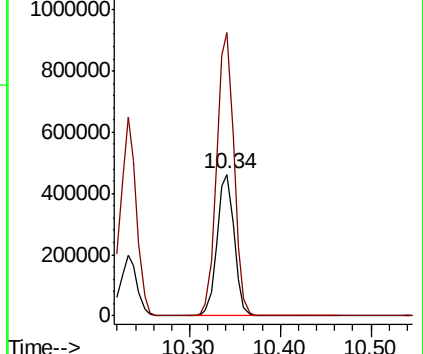
106 100

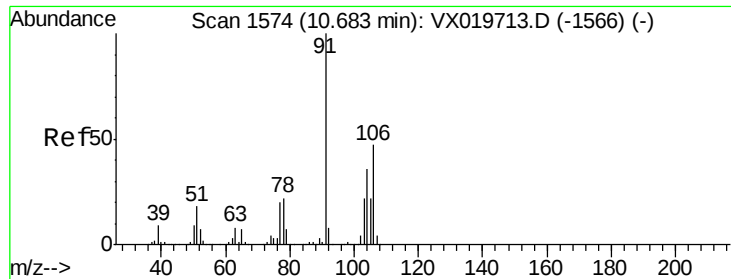
91 201.6 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

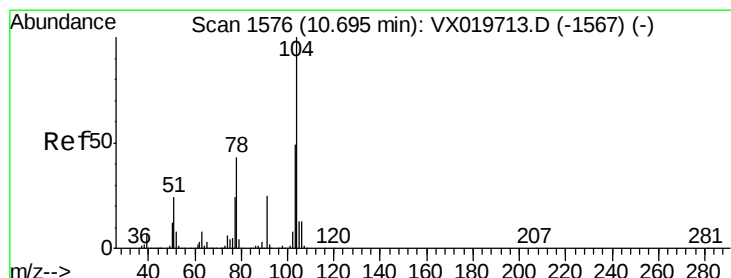
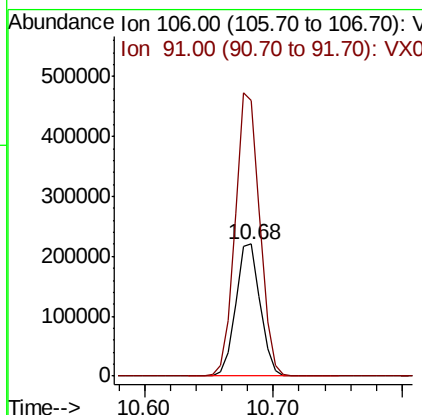
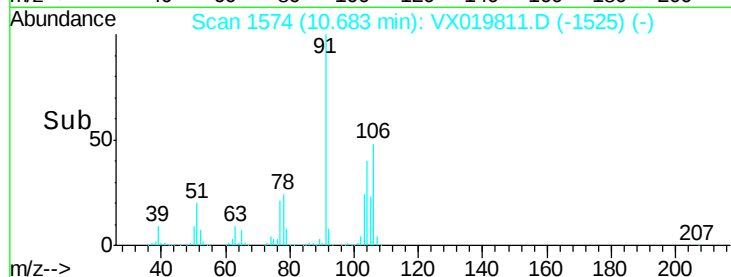
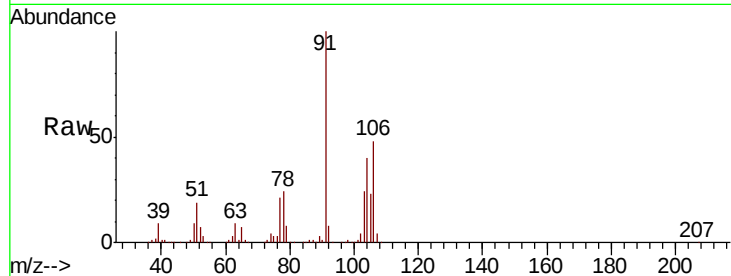




#69
o-Xylene
Concen: 52.437 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

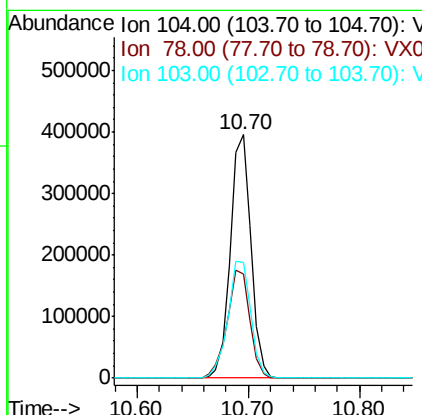
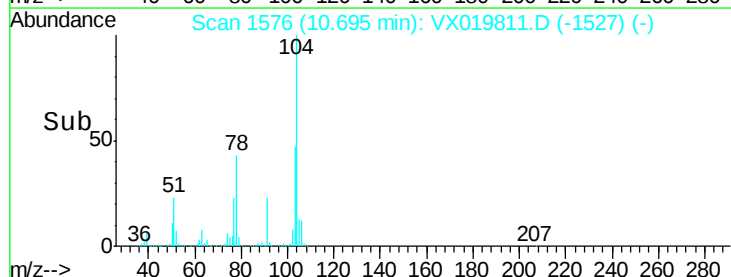
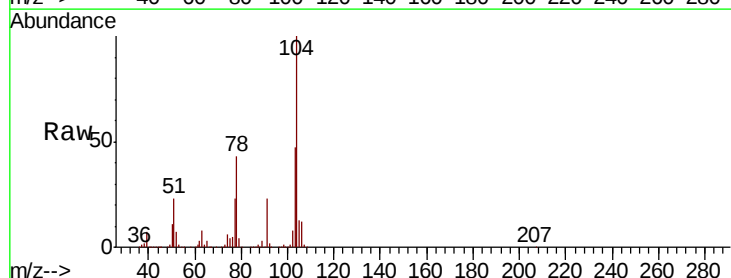
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

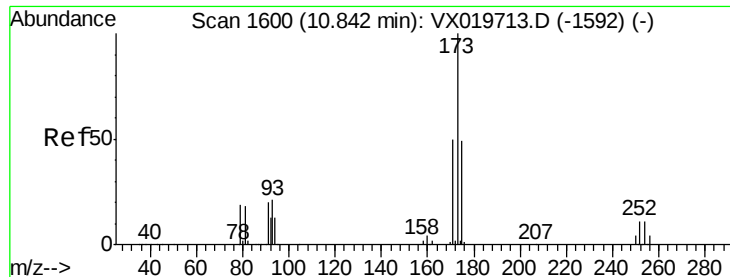
Tot Ion:106 Resp: 292446
Ion Ratio Lower Upper
106 100
91 214.3 108.1 324.2



#70
Styrene
Concen: 53.675 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

Tgt Ion:104 Resp: 505269
Ion Ratio Lower Upper
104 100
78 49.3 40.0 60.0
103 53.6 43.4 65.0





#71

Bromoform

Concen: 54.110 ug/l

RT: 10.84 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

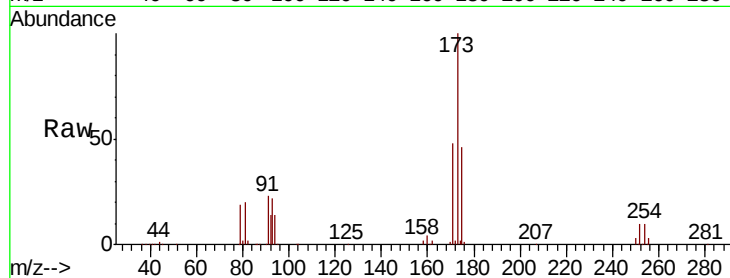
Tot Ion:173 Resp: 132802

Ion Ratio Lower Upper

173 100

175 47.4 23.9 71.8

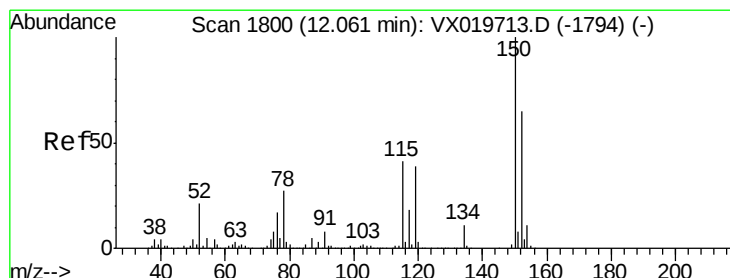
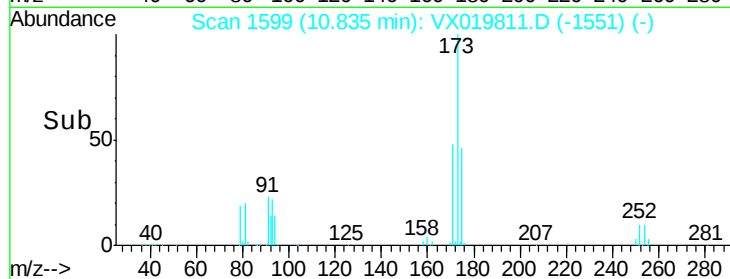
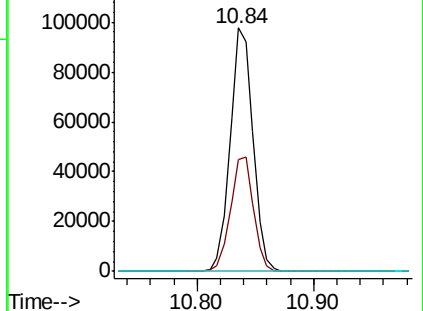
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

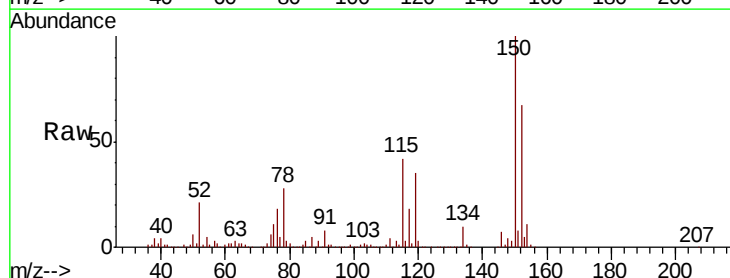
Tgt Ion:152 Resp: 221460

Ion Ratio Lower Upper

152 100

115 82.9 41.1 123.3

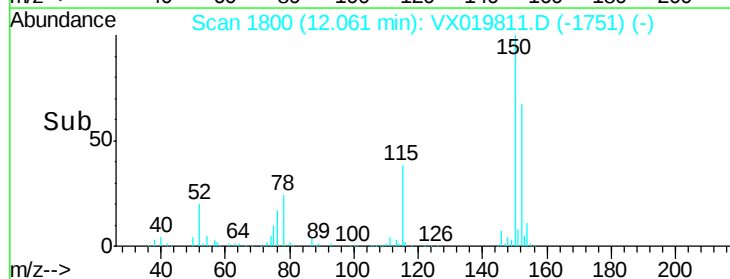
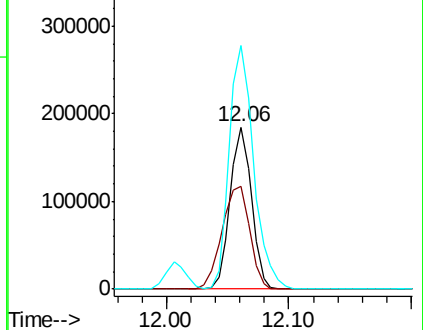
150 173.3 0.0 349.0

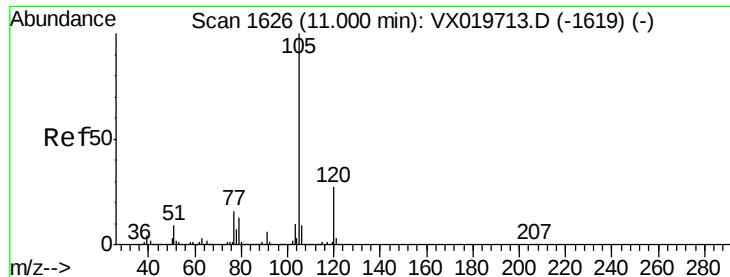


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.254 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

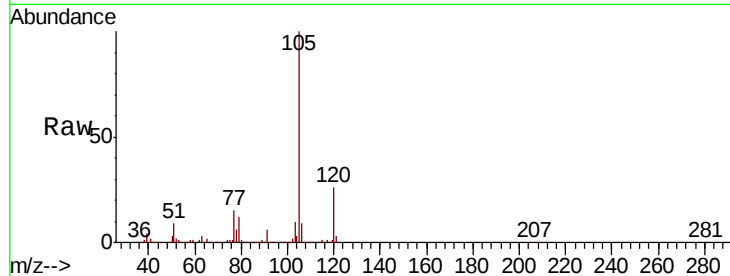
VSTDCCC050

Tot Ion: 105 Resp: 790608

Ion Ratio Lower Upper

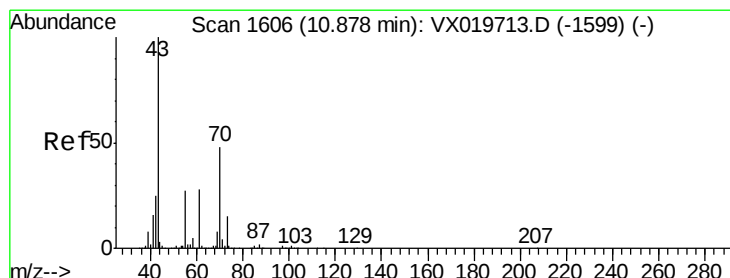
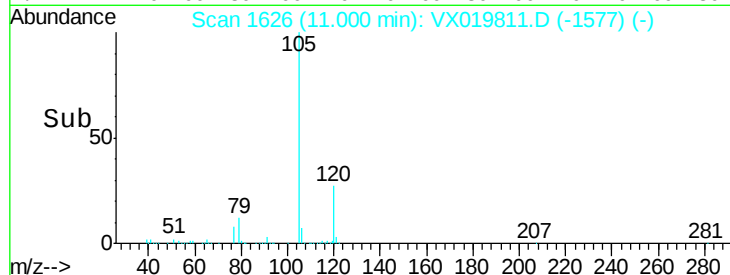
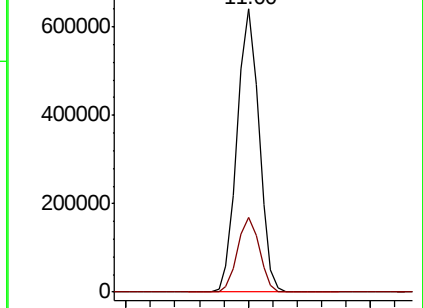
105 100

120 26.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.629 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Tgt Ion: 43 Resp: 300913

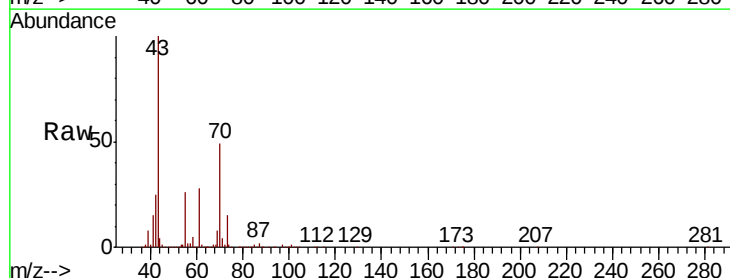
Ion Ratio Lower Upper

43 100

70 49.3 39.0 58.6

55 27.3 21.5 32.3

61 27.6 22.1 33.1

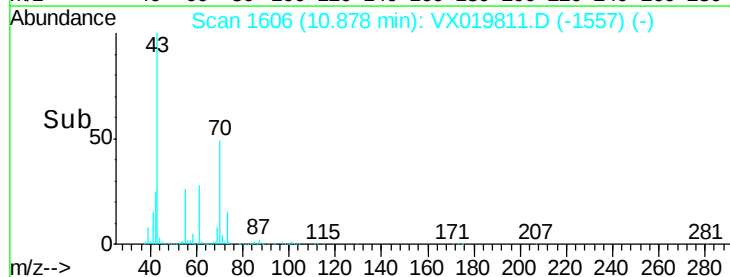
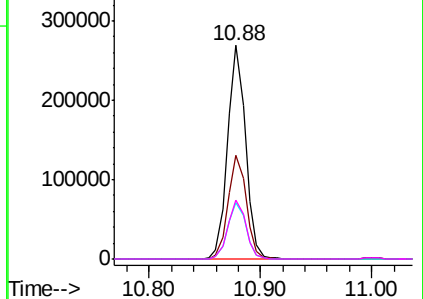


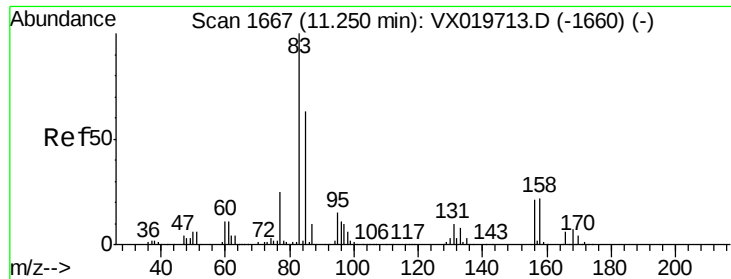
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.756 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

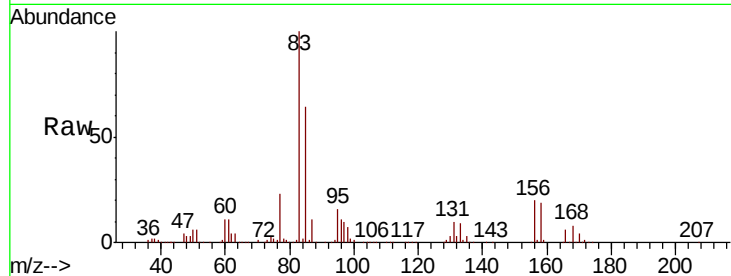
Tot Ion: 83 Resp: 265413

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.2

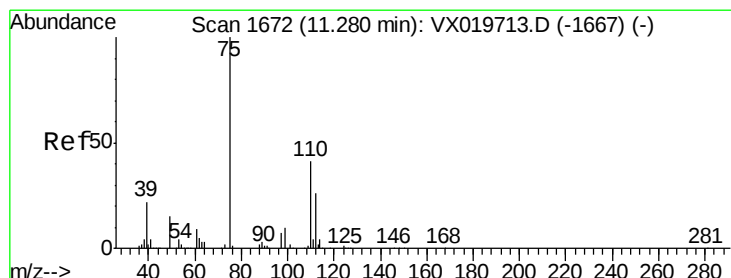
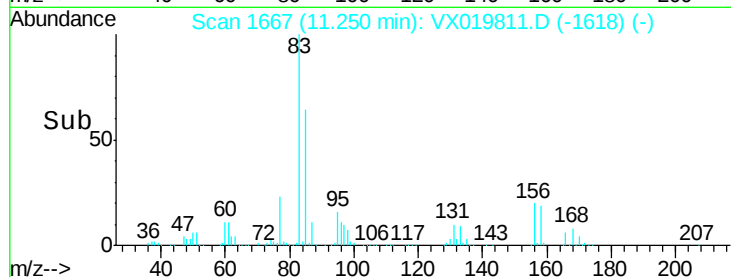
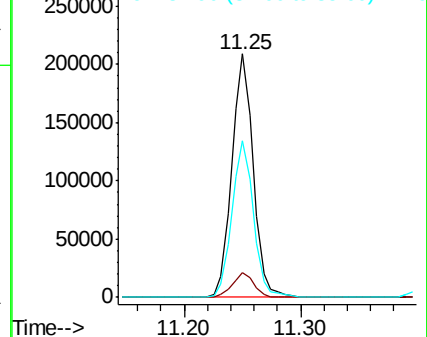
85 65.0 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.051 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019811.D

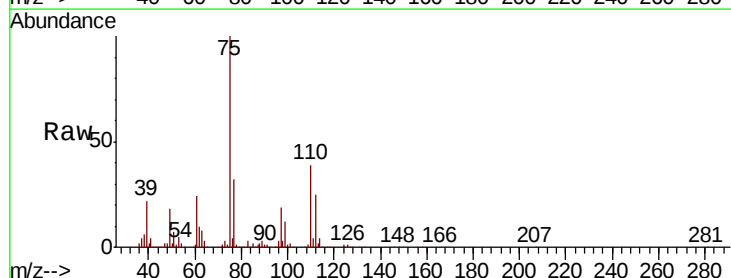
Acq: 10 Dec 2020 09:20

Tgt Ion: 75 Resp: 308205

Ion Ratio Lower Upper

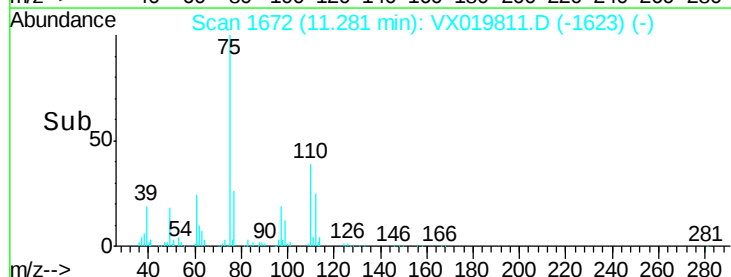
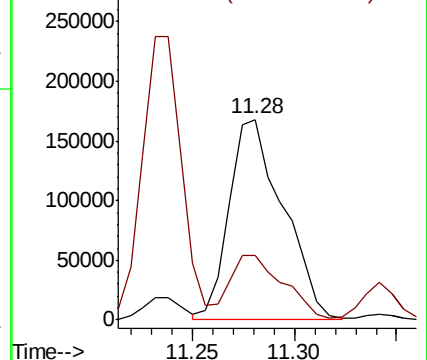
75 100

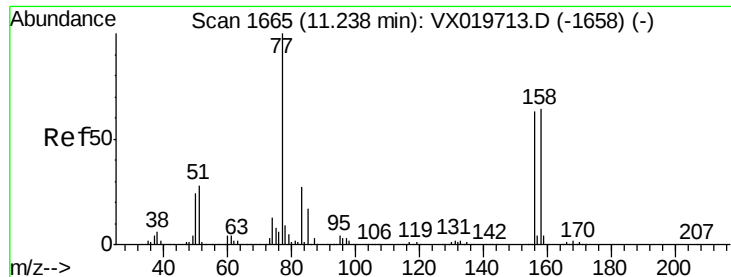
77 32.4 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.314 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

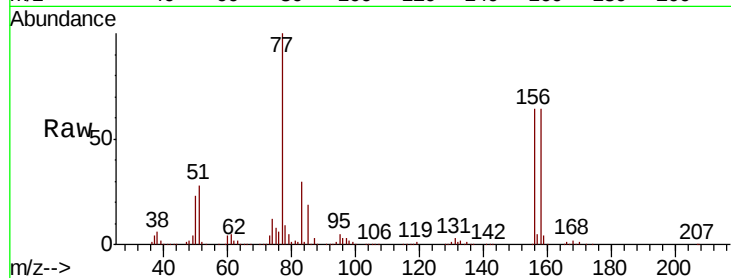
Tot Ion:156 Resp: 194815

Ion Ratio Lower Upper

156 100

77 162.3 82.8 248.6

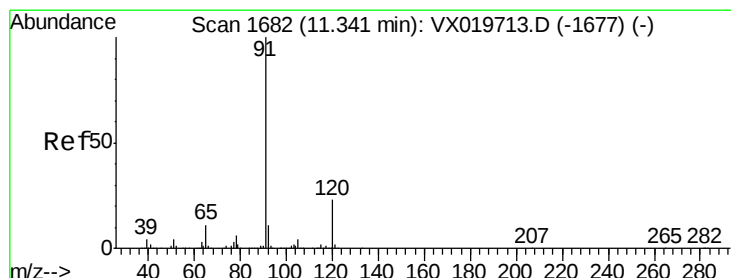
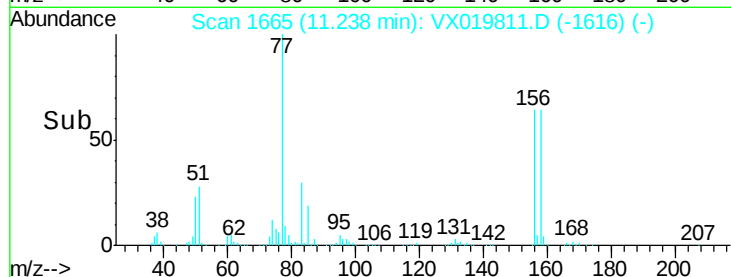
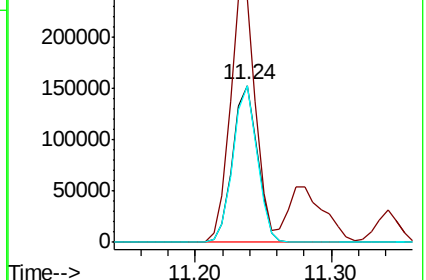
158 97.5 49.1 147.4



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: 53.176 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019811.D

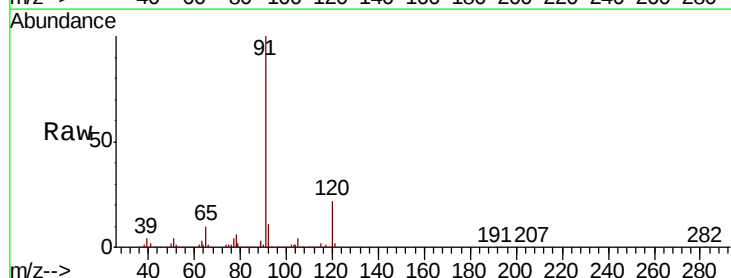
Acq: 10 Dec 2020 09:20

Tgt Ion: 91 Resp: 918932

Ion Ratio Lower Upper

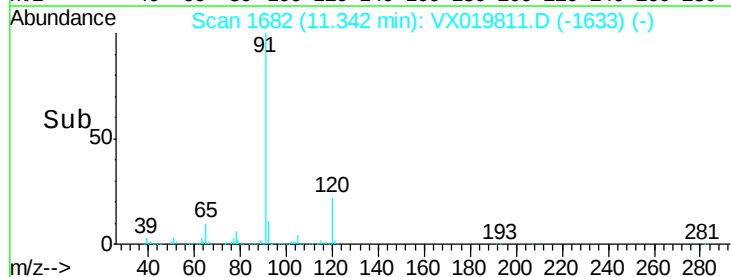
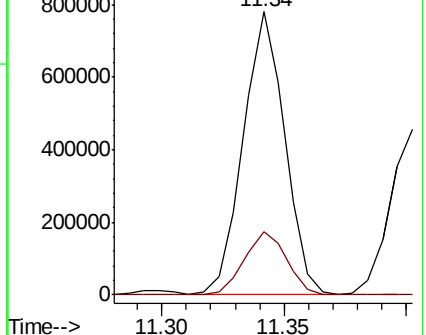
91 100

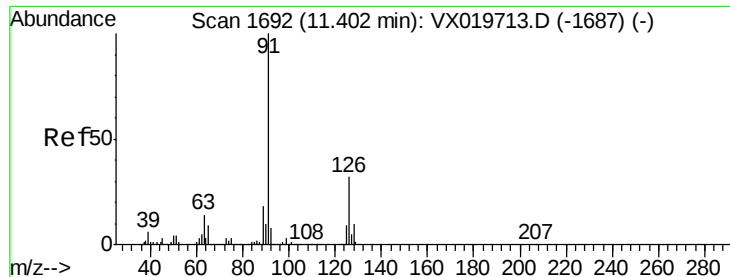
120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.606 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

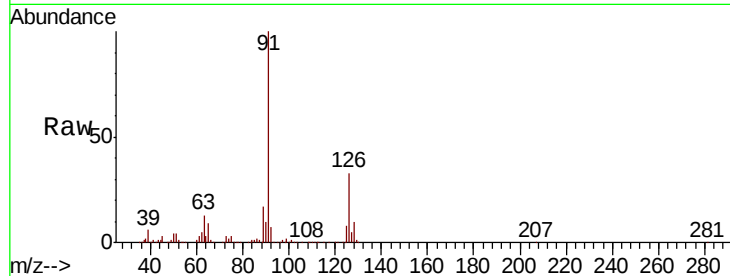
VSTDCCC050

Tot Ion: 91 Resp: 549180

Ion Ratio Lower Upper

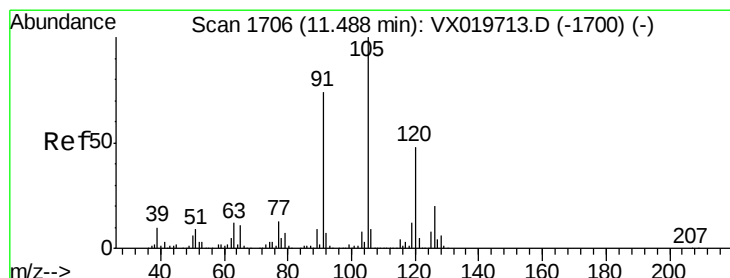
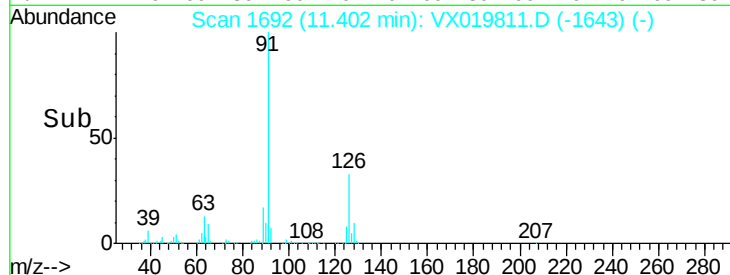
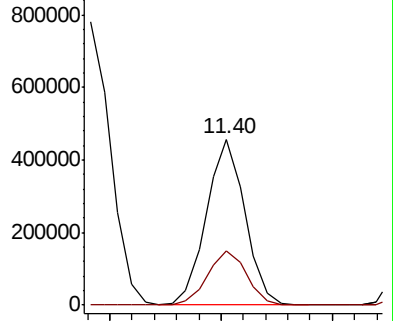
91 100

126 33.4 16.6 49.8



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

Ion 125.90 (125.60 to 126.60): VX019713.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.511 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019811.D

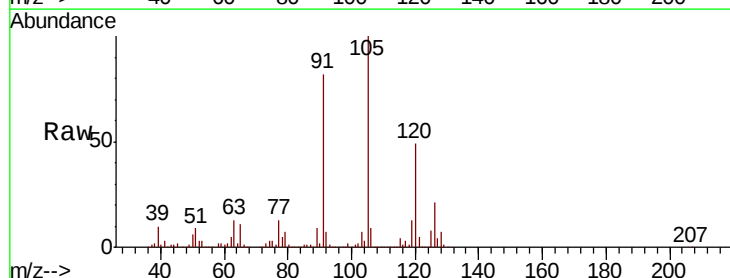
Acq: 10 Dec 2020 09:20

Tgt Ion: 105 Resp: 670531

Ion Ratio Lower Upper

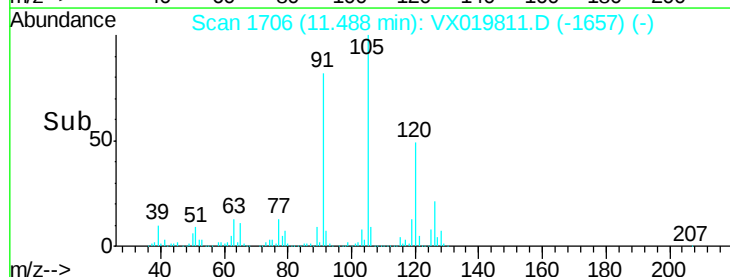
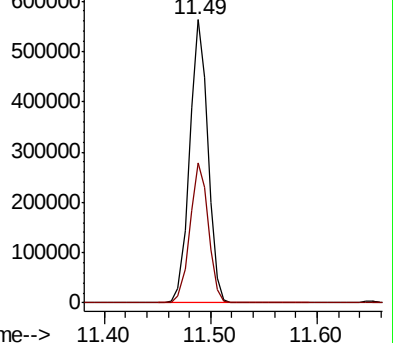
105 100

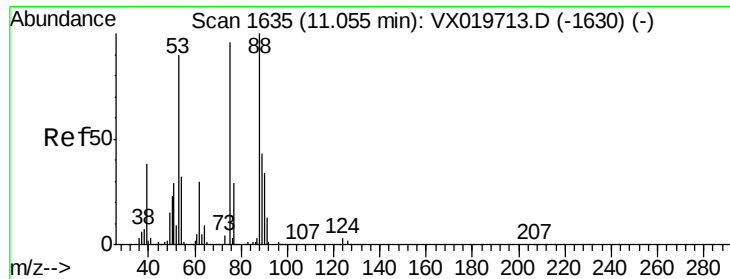
120 49.7 23.8 71.5



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

Ion 120.00 (119.70 to 120.70): VX019713.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.575 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

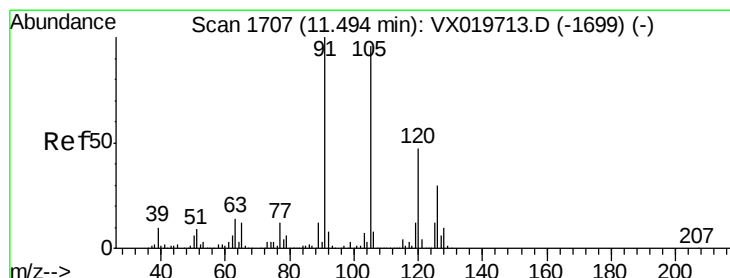
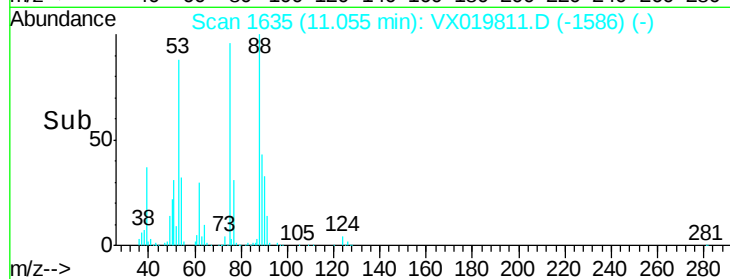
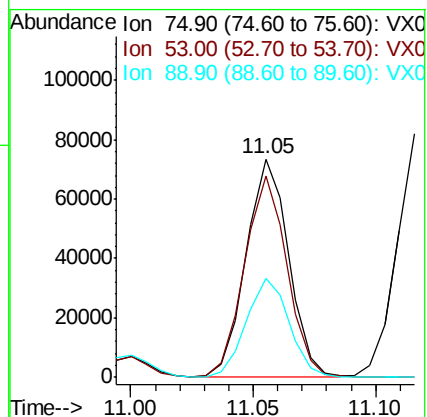
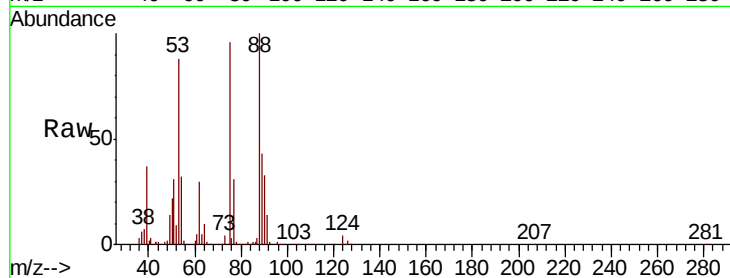
Tot Ion: 75 Resp: 88616

Ion Ratio Lower Upper

75 100

53 92.0 74.5 111.7

89 46.0 37.9 56.9



#82

4-Chlorotoluene

Concen: 52.123 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019811.D

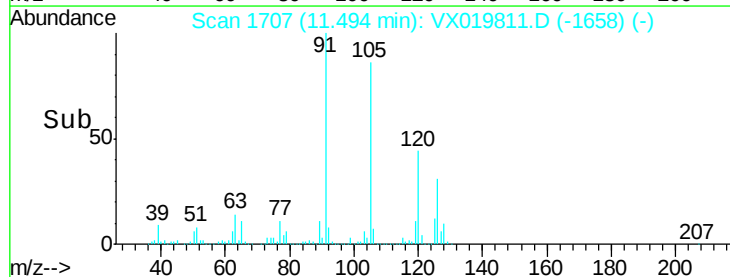
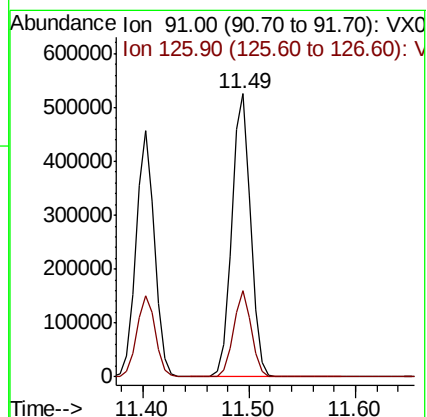
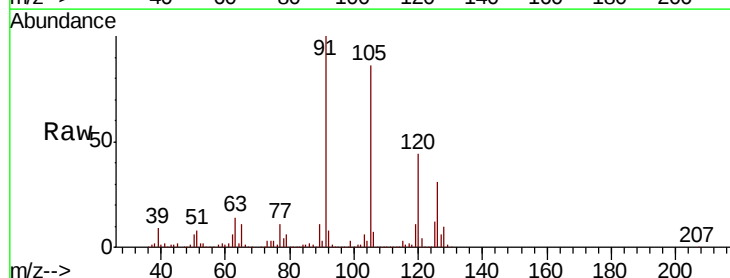
Acq: 10 Dec 2020 09:20

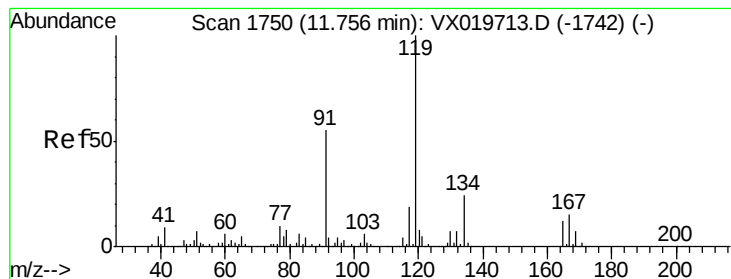
Tgt Ion: 91 Resp: 649634

Ion Ratio Lower Upper

91 100

126 29.0 14.9 44.5





#83

tert-Butylbenzene

Concen: 52.603 ug/l

RT: 11.75 min Scan# 1749

Delta R.T. -0.01 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

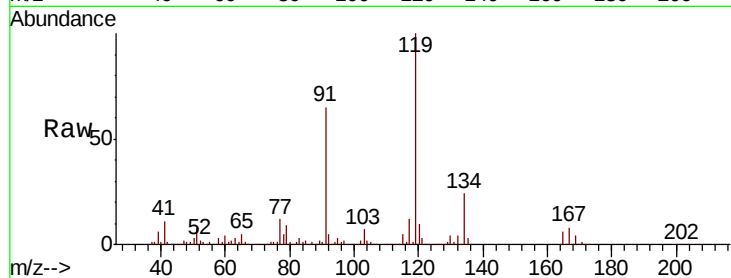
Tot Ion:119 Resp: 658777

Ion Ratio Lower Upper

119 100

91 56.7 27.9 83.7

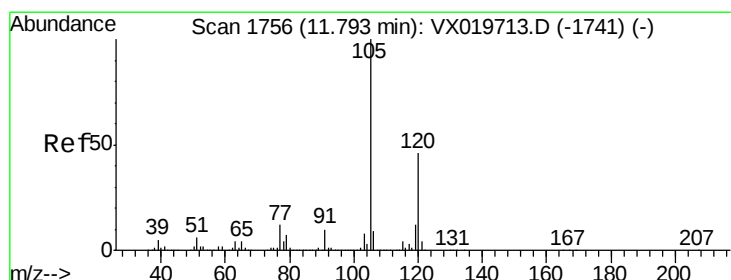
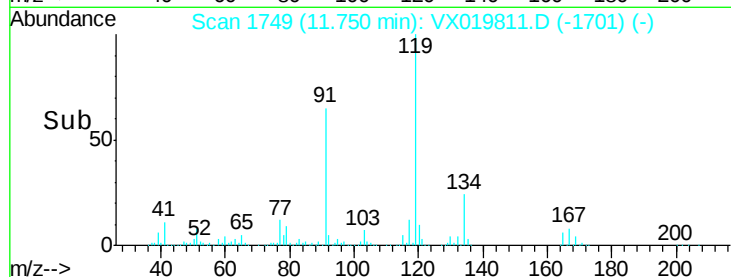
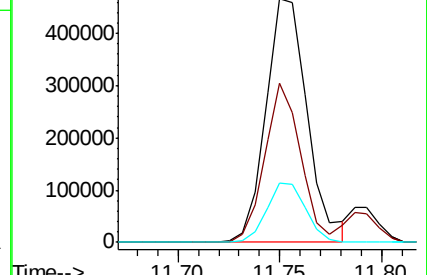
134 23.1 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.104 ug/l

RT: 11.79 min Scan# 1755

Delta R.T. -0.01 min

Lab File: VX019811.D

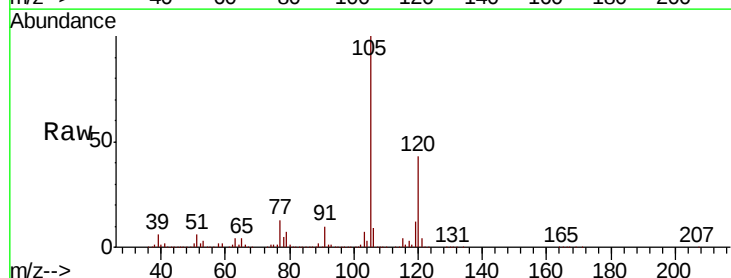
Acq: 10 Dec 2020 09:20

Tgt Ion:105 Resp: 683063

Ion Ratio Lower Upper

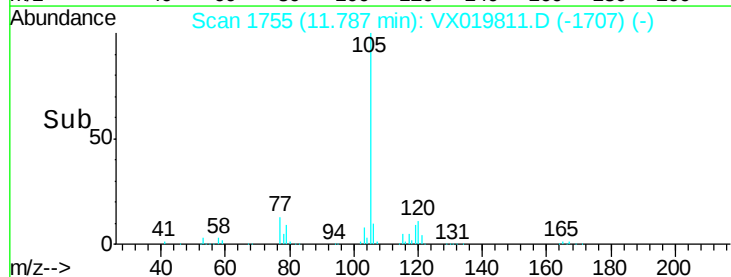
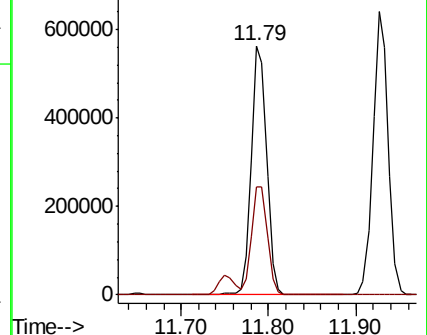
105 100

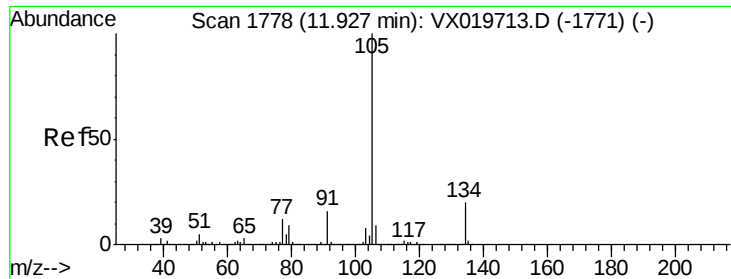
120 44.3 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.502 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

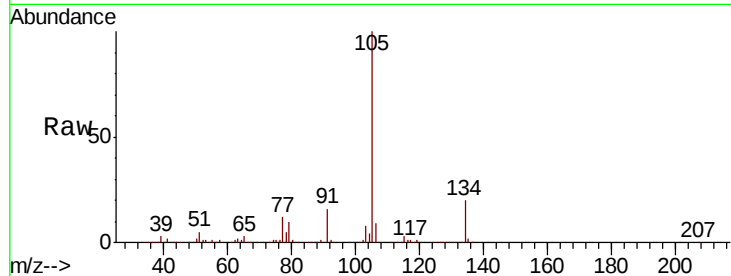
VSTDCCC050

Tot Ion:105 Resp: 779288

Ion Ratio Lower Upper

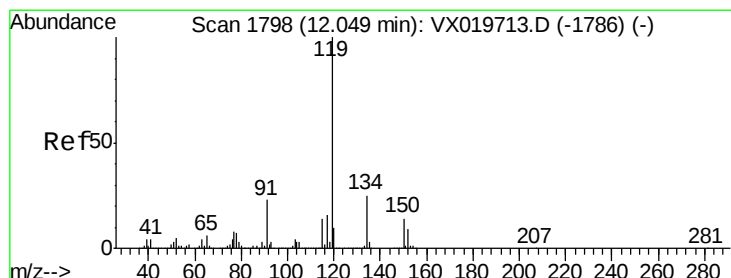
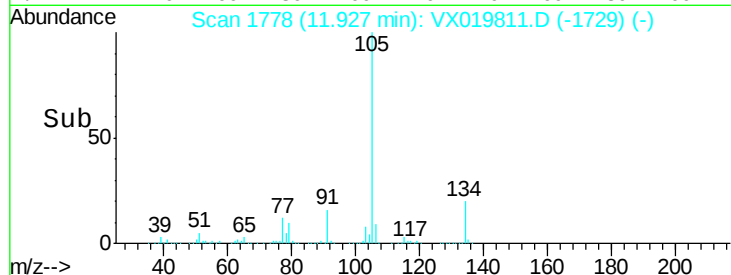
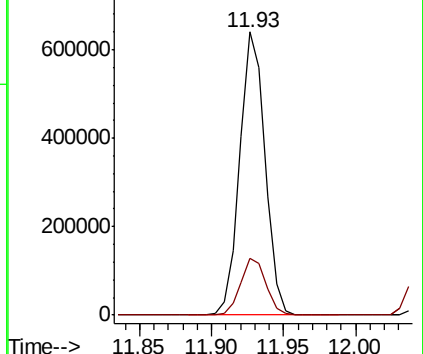
105 100

134 20.0 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.726 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

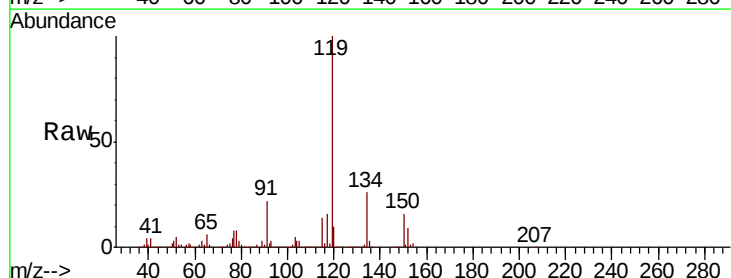
Tgt Ion:119 Resp: 717142

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

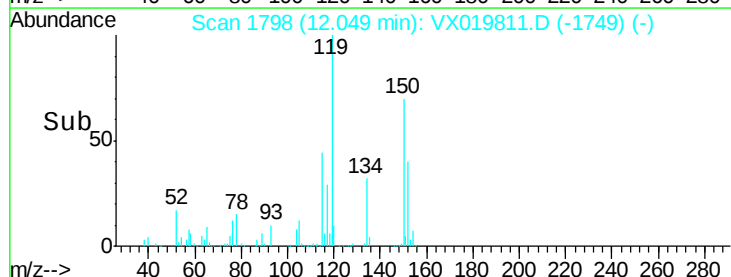
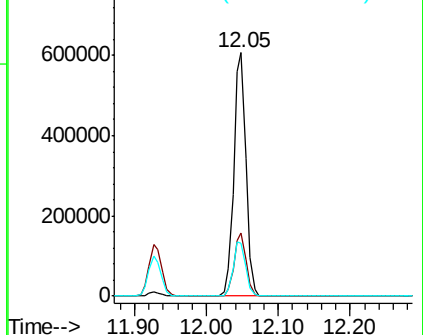
91 23.1 11.7 35.0

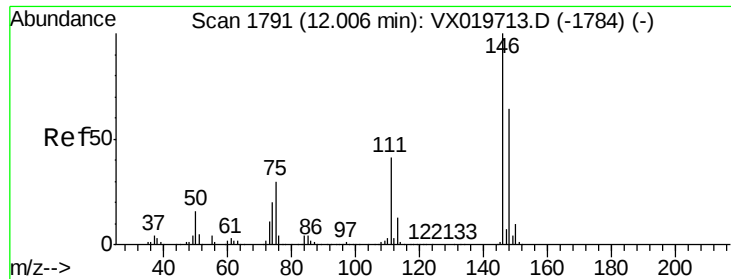


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

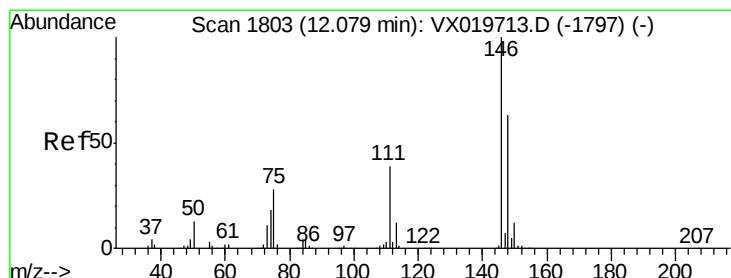
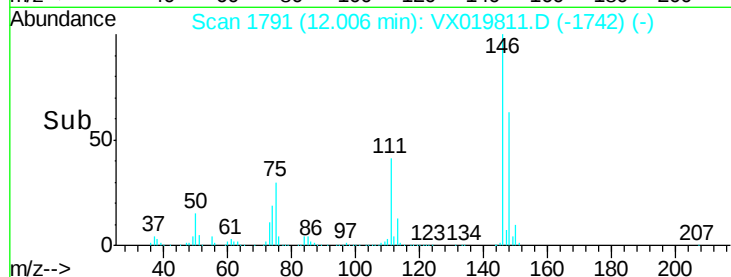
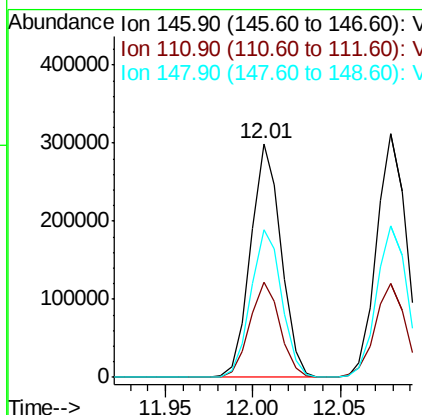
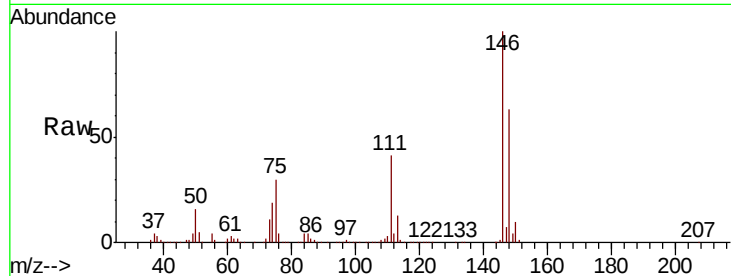




#87
 1,3-Dichlorobenzene
 Concen: 50.843 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019811.D
 Acq: 10 Dec 2020 09:20

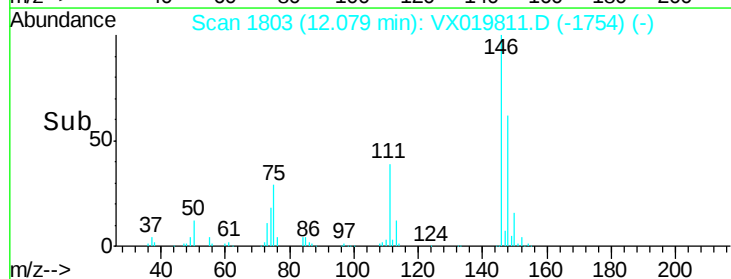
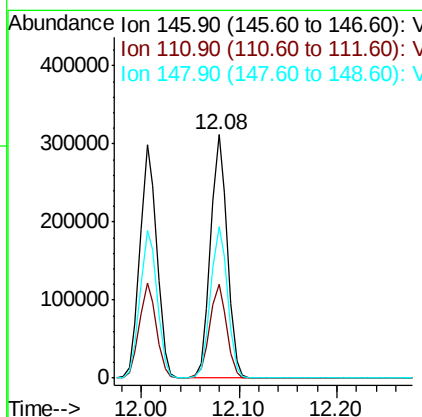
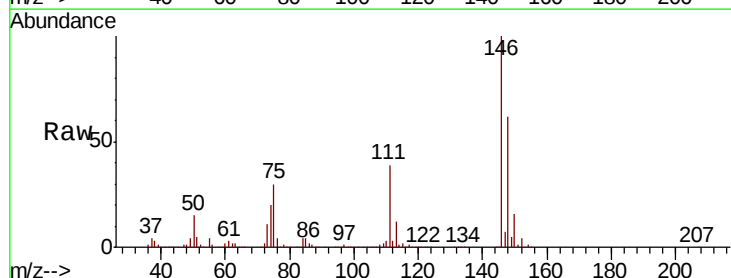
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

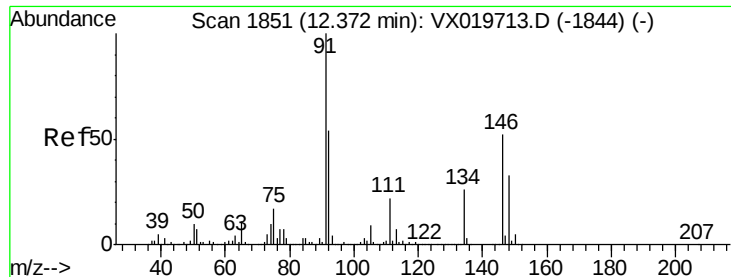
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.5
148	64.5	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 51.223 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019811.D
 Acq: 10 Dec 2020 09:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.8
148	63.0	31.6	95.0





#89

n-Butylbenzene

Concen: 54.376 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019811.D

Acq: 10 Dec 2020 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

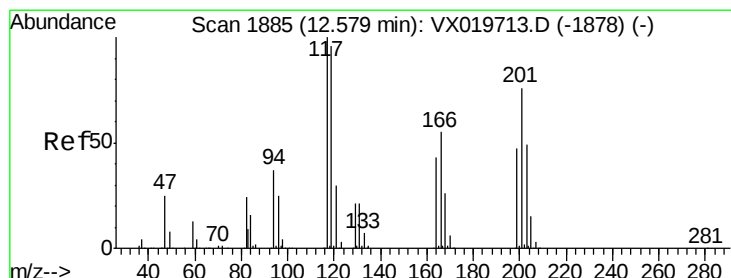
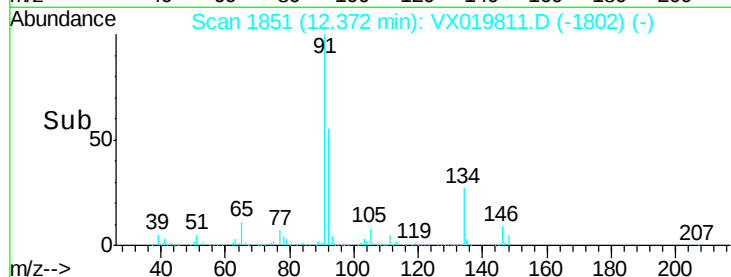
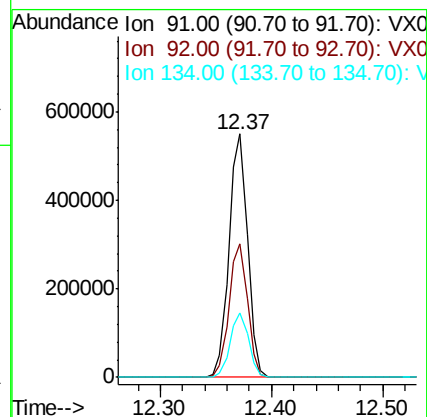
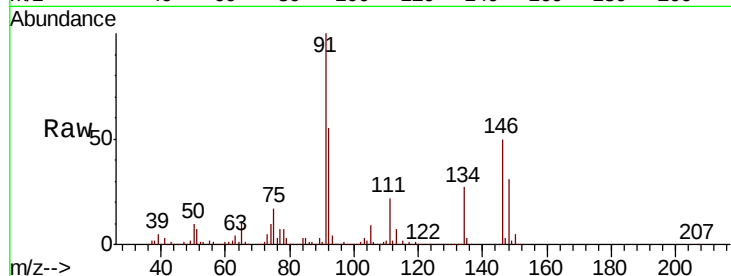
Tot Ion: 91 Resp: 631300

Ion Ratio Lower Upper

91 100

92 54.9 27.4 82.0

134 26.4 13.2 39.5



#90

Hexachloroethane

Concen: 53.124 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019811.D

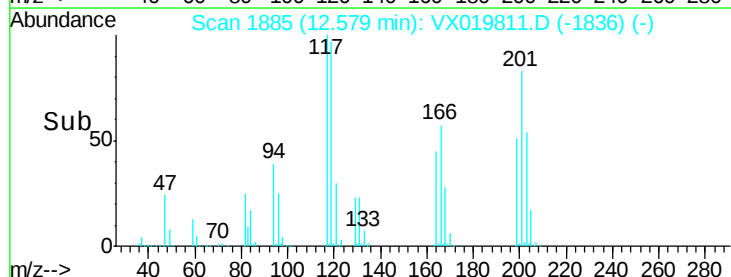
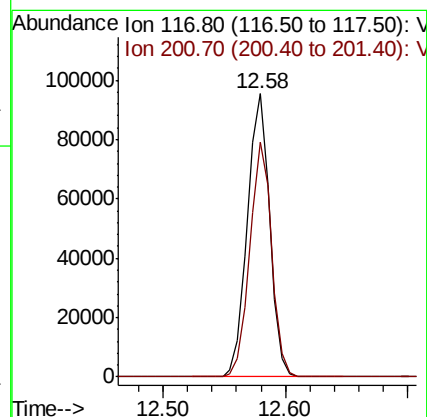
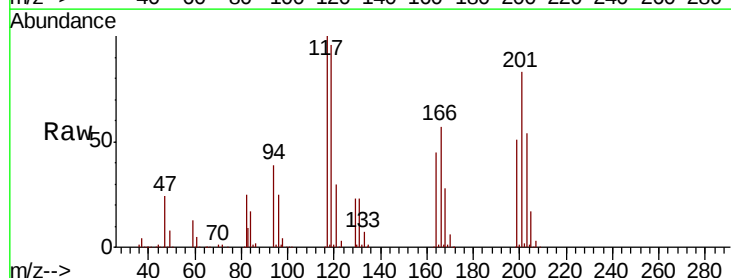
Acq: 10 Dec 2020 09:20

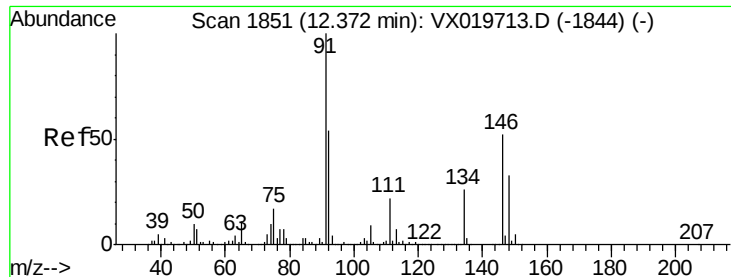
Tgt Ion: 117 Resp: 120185

Ion Ratio Lower Upper

117 100

201 81.4 40.4 121.2

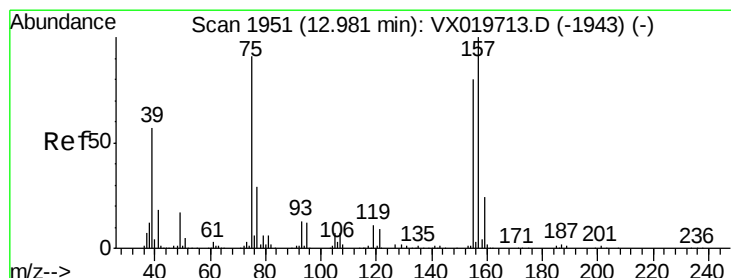
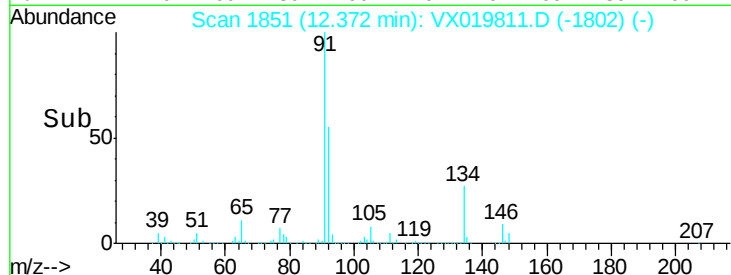
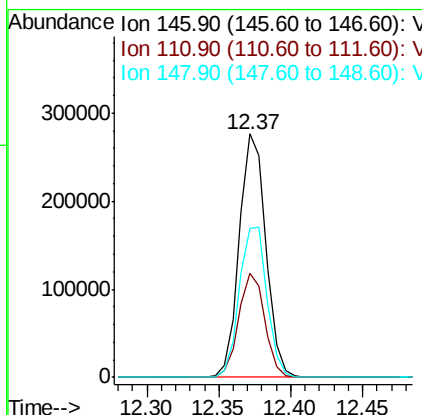
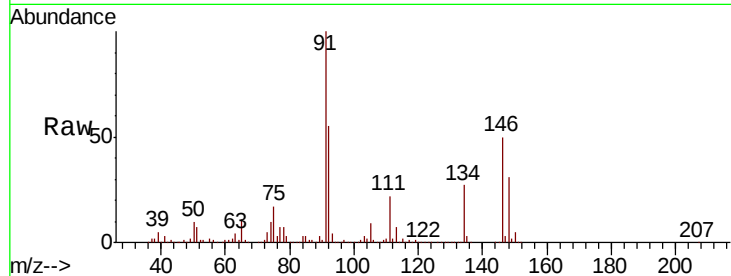




#91
 1,2-Dichlorobenzene
 Concen: 51.147 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019811.D
 Acq: 10 Dec 2020 09:20

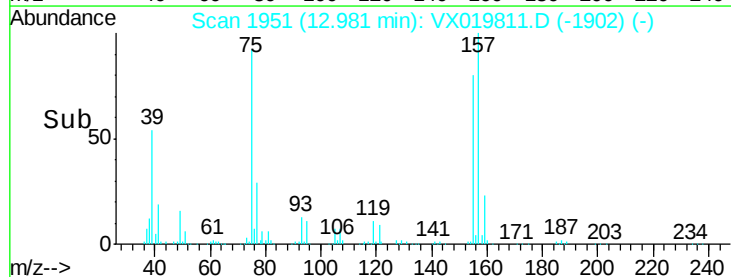
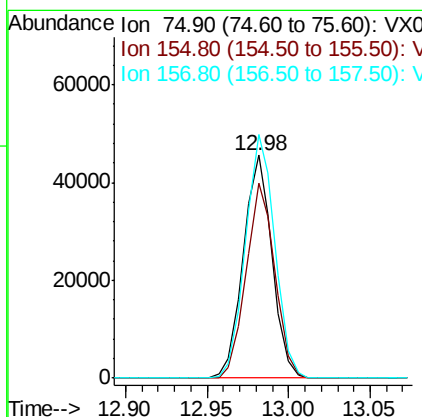
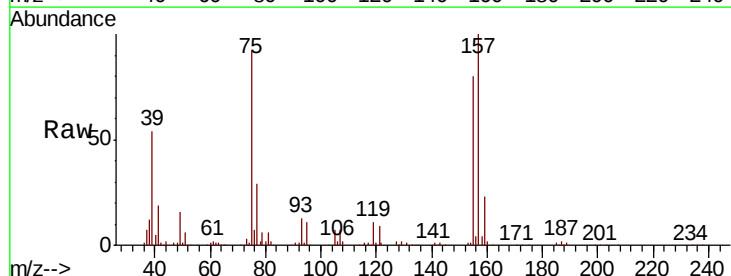
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

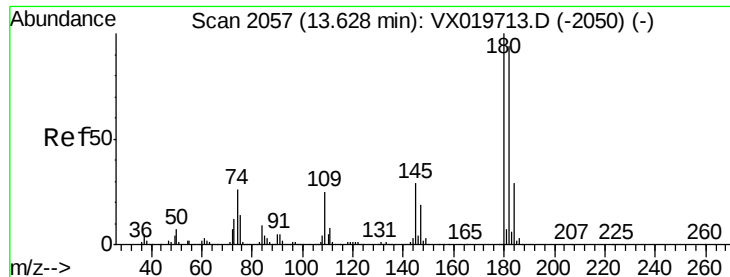
Tot Ion:146 Resp: 354321
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.8 62.2
 148 64.0 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.987 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019811.D
 Acq: 10 Dec 2020 09:20

Tgt Ion: 75 Resp: 56175
 Ion Ratio Lower Upper
 75 100
 155 87.3 45.3 135.9
 157 111.8 57.7 173.1

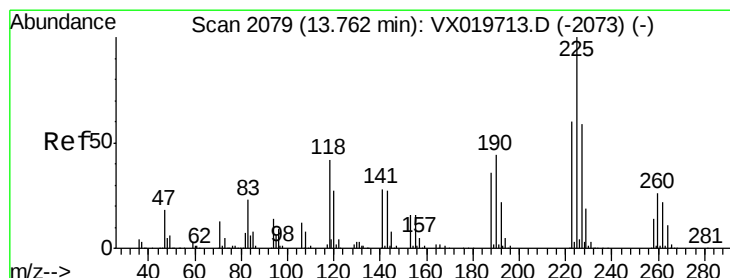
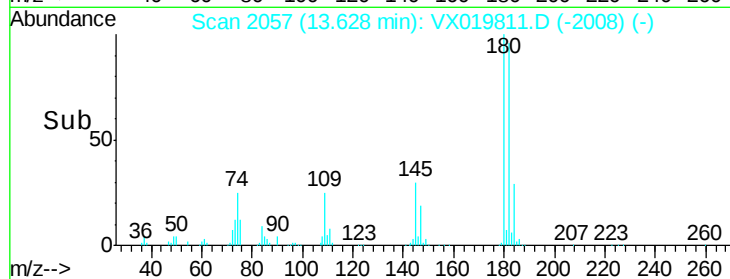
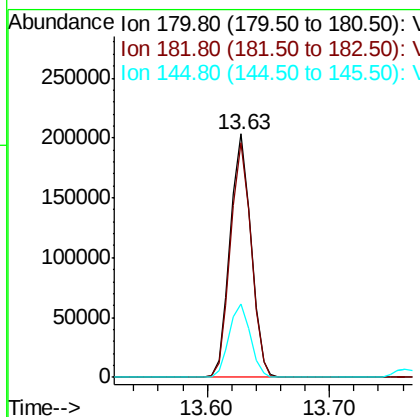
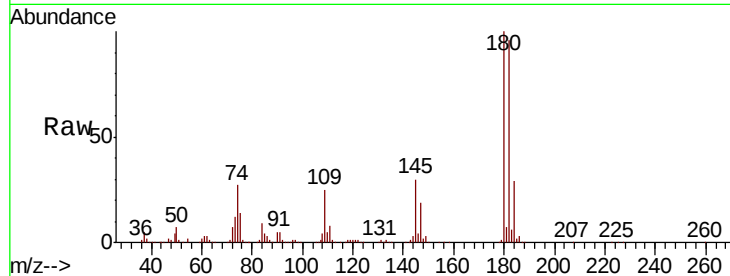




#93
 1,2,4-Trichlorobenzene
 Concen: 53.222 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019811.D
 Acq: 10 Dec 2020 09:20

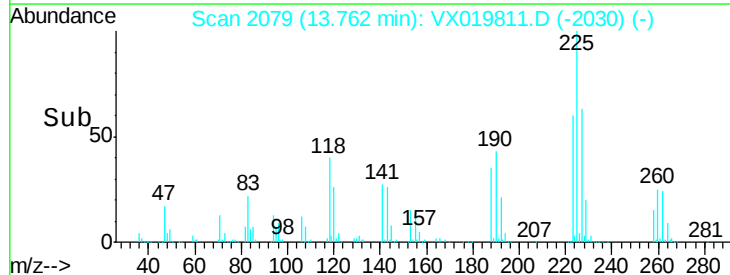
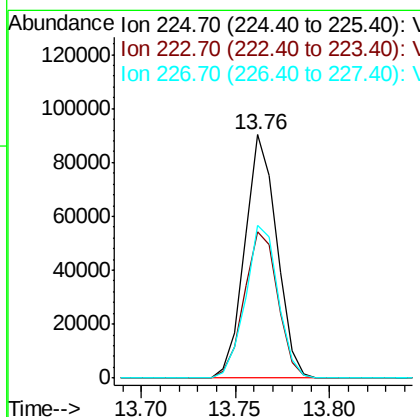
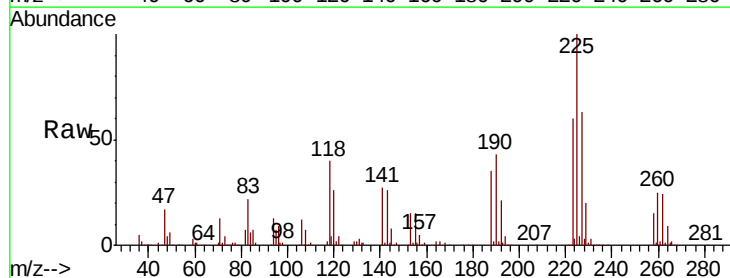
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

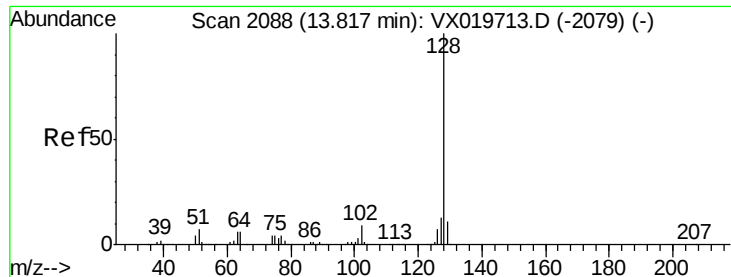
Tot Ion:180 Resp: 240005
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.7 143.1
 145 30.6 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 52.757 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019811.D
 Acq: 10 Dec 2020 09:20

Tgt Ion:225 Resp: 106334
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.1 93.2
 227 63.9 31.6 95.0

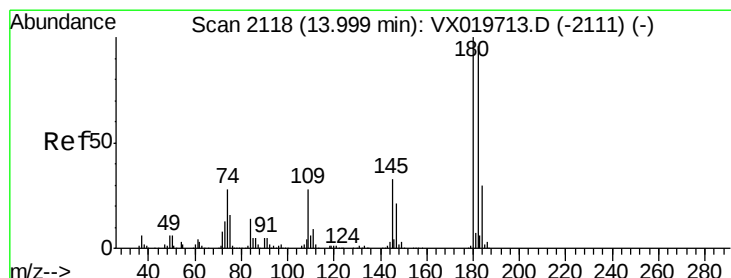
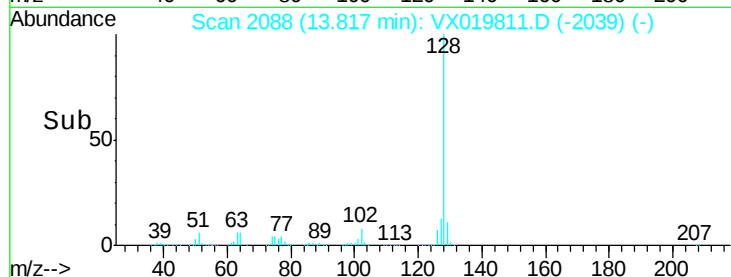
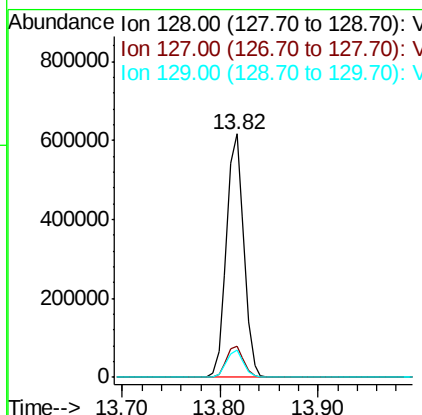
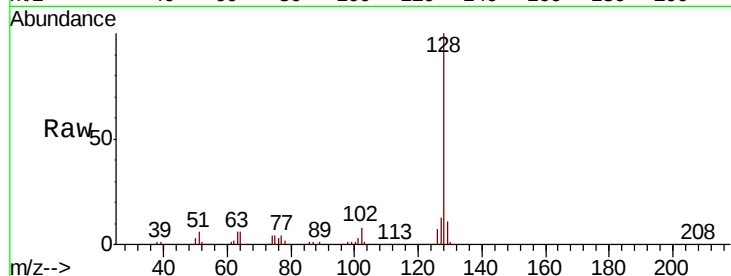




#95
Naphthalene
Concen: 52.016 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 760460
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.533 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019811.D
Acq: 10 Dec 2020 09:20

Tgt Ion:180 Resp: 231518
Ion Ratio Lower Upper
180 100
182 93.8 47.6 142.9
145 32.7 16.1 48.3

