

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120920\
 Data File : VX019769.D
 Acq On : 09 Dec 2020 11:08
 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 10 05:37:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	294996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	470437	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	431940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225707	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.02	65	191861	49.49	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.98%	
35) Dibromofluoromethane		5.45	113	157751	51.89	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.78%	
50) Toluene-d8		8.69	98	614700	52.96	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.92%	
62) 4-Bromofluorobenzene		11.12	95	238705	54.03	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	147661	54.673	ug/l	99
3) Chloromethane	1.31	50	149835	47.173	ug/l	99
4) Vinyl Chloride	1.39	62	180288	53.831	ug/l	100
5) Bromomethane	1.62	94	51899	46.669	ug/l	97
6) Chloroethane	1.70	64	113618	56.474	ug/l	98
7) Trichlorofluoromethane	1.91	101	257194	55.142	ug/l	99
8) Diethyl Ether	2.17	74	106046	53.653	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	148180	55.427	ug/l	100
10) Methyl Iodide	2.49	142	172733	43.834	ug/l	99
11) Tert butyl alcohol	3.01	59	203061	254.808	ug/l	100
12) 1,1-Dichloroethene	2.36	96	148409	54.909	ug/l	100
13) Acrolein	2.27	56	96600	225.722	ug/l	99
14) Allyl chloride	2.70	41	245137	53.702	ug/l	100
15) Acrylonitrile	3.11	53	464004	264.731	ug/l	100
16) Acetone	2.42	43	416962	286.118	ug/l	100
17) Carbon Disulfide	2.54	76	397967	51.316	ug/l	99
18) Methyl Acetate	2.74	43	194251	54.470	ug/l	100
19) Methyl tert-butyl Ether	3.16	73	546367	55.507	ug/l	99
20) Methylene Chloride	2.83	84	183502	55.306	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	172680	54.800	ug/l	99
22) Diisopropyl ether	3.82	45	512347	55.513	ug/l	97
23) Vinyl Acetate	3.78	43	2192370	278.822	ug/l	99
24) 1,1-Dichloroethane	3.67	63	304440	54.701	ug/l	100
25) 2-Butanone	4.62	43	605024	270.184	ug/l	98
26) 2,2-Dichloropropane	4.54	77	267834	55.882	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	200363	54.335	ug/l	98
28) Bromochloromethane	4.97	49	119885	45.186	ug/l	99
29) Tetrahydrofuran	5.08	42	374928	259.869	ug/l	100
30) Chloroform	5.17	83	313644	54.807	ug/l	99
31) Cyclohexane	5.54	56	261267	54.173	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	272001	55.192	ug/l	99
36) 1,1-Dichloropropene	5.76	75	233217	54.861	ug/l	100
37) Ethyl Acetate	4.78	43	228477	53.232	ug/l	99
38) Carbon Tetrachloride	5.75	117	233357	56.057	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	285515	57.166	ug/l	99
40) Benzene	6.10	78	717136	55.225	ug/l	99
41) Methacrylonitrile	5.00	41	124679	52.907	ug/l	98
42) 1,2-Dichloroethane	6.15	62	245667	55.371	ug/l	100
43) Isopropyl Acetate	6.40	43	376009	53.884	ug/l	100
44) Trichloroethene	7.18	130	190255	55.840	ug/l	96
45) 1,2-Dichloropropane	7.48	63	180671	55.669	ug/l	97
46) Dibromomethane	7.63	93	122092	55.707	ug/l	98
47) Bromodichloromethane	7.87	83	249469	57.362	ug/l	99
48) Methyl methacrylate	7.74	41	186434	54.323	ug/l	99
49) 1,4-Dioxane	7.71	88	90825	1092.475	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1162614	272.891	ug/l	100
52) Toluene	8.76	92	452947	55.770	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	278293	57.664	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	301239	57.454	ug/l	99
55) 1,1,2-Trichloroethane	9.19	97	184650	56.417	ug/l	98
56) Ethyl methacrylate	9.15	69	282929	57.136	ug/l	99
57) 1,3-Dichloropropane	9.35	76	308000	55.112	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	782735	298.379	ug/l	99
59) 2-Hexanone	9.47	43	930712	281.833	ug/l	99
60) Dibromochloromethane	9.56	129	196498	59.092	ug/l	100
61) 1,2-Dibromoethane	9.65	107	191879	55.210	ug/l	98
64) Tetrachloroethene	9.32	164	163853	56.566	ug/l	96
65) Chlorobenzene	10.12	112	480422	55.828	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	179441	57.934	ug/l	99
67) Ethyl Benzene	10.23	91	869594	56.929	ug/l	98
68) m/p-Xylenes	10.34	106	660922	114.826	ug/l	99
69) o-Xylene	10.68	106	320043	57.803	ug/l	100
70) Styrene	10.70	104	550667	58.923	ug/l	100
71) Bromoform	10.84	173	145807	59.840	ug/l #	99
73) Isopropylbenzene	11.00	105	861853	55.891	ug/l	99
74) N-amyl acetate	10.88	43	332820	53.858	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	288137	53.000	ug/l	98
76) 1,2,3-Trichloropropane	11.27	75	339823	67.129	ug/l	88
77) Bromobenzene	11.24	156	215341	54.569	ug/l	98
78) n-propylbenzene	11.34	91	998224	56.678	ug/l	100
79) 2-Chlorotoluene	11.40	91	599475	55.272	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	725823	55.772	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	99559	56.854	ug/l	99
82) 4-Chlorotoluene	11.49	91	702101	55.273	ug/l	99
83) tert-Butylbenzene	11.76	119	721715	56.544	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	747004	56.982	ug/l	99
85) sec-Butylbenzene	11.93	105	827900	56.812	ug/l	99
86) p-Isopropyltoluene	12.05	119	772539	57.844	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	395940	54.667	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	405093	54.914	ug/l	99
89) n-Butylbenzene	12.37	91	689816	58.298	ug/l	99
90) Hexachloroethane	12.58	117	133267	57.798	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	387563	54.892	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	61194	52.359	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

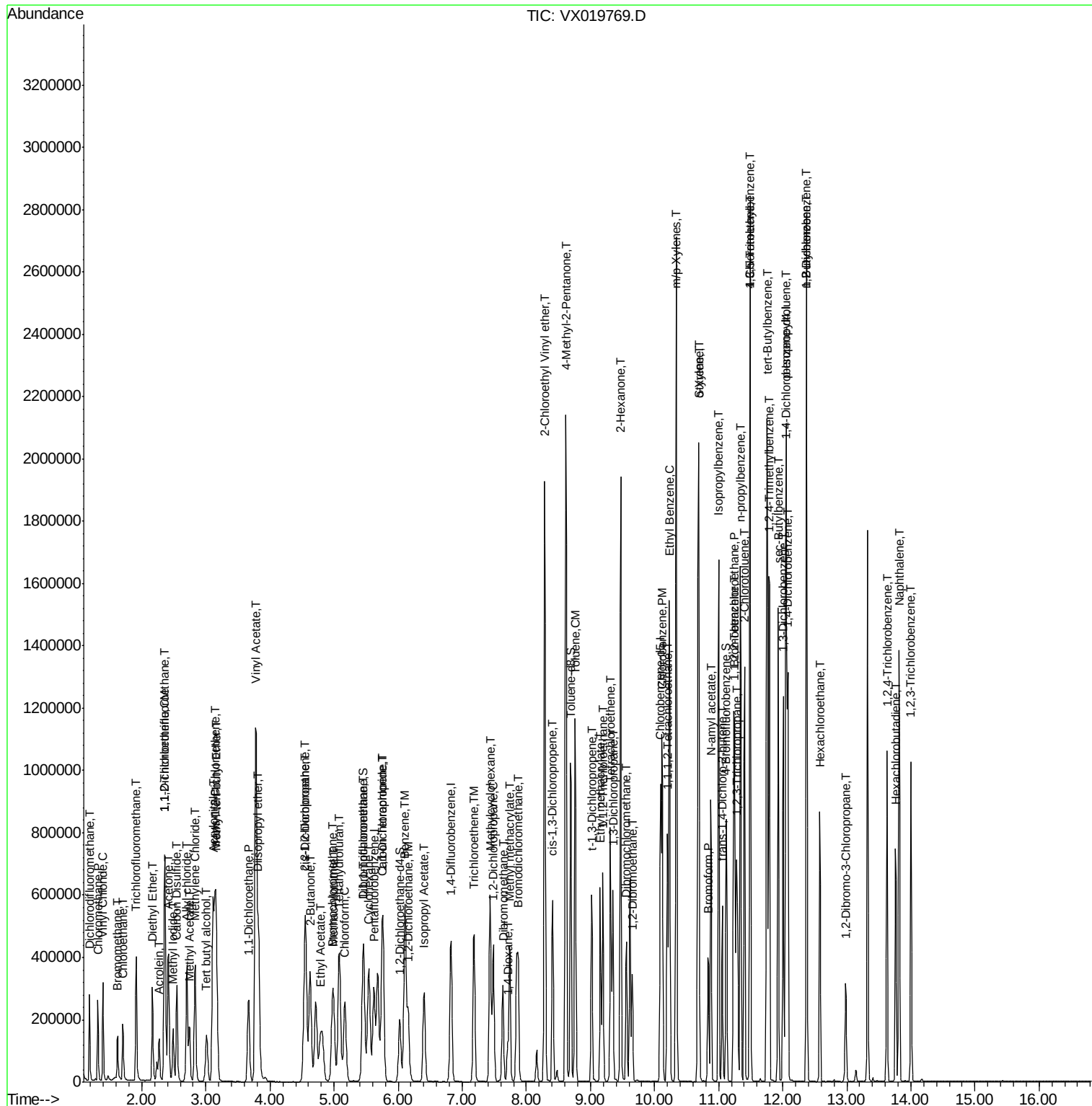
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	260933	56.774	ug/l	98
94) Hexachlorobutadiene	13.76	225	114124	55.556	ug/l	99
95) Naphthalene	13.82	128	831556	55.808	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	256257	57.052	ug/l	100

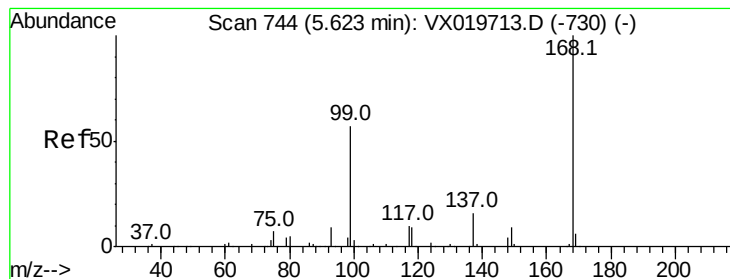
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120920\
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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

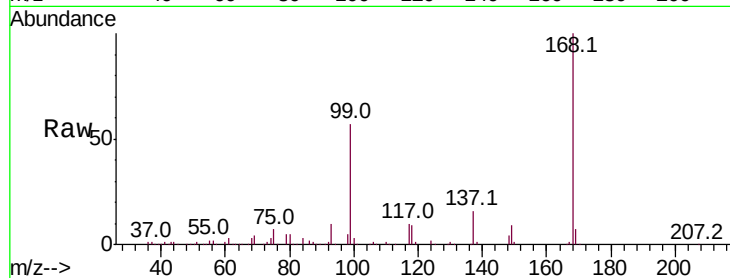
VSTDCCC050

Tot Ion:168 Resp: 294996

Ion Ratio Lower Upper

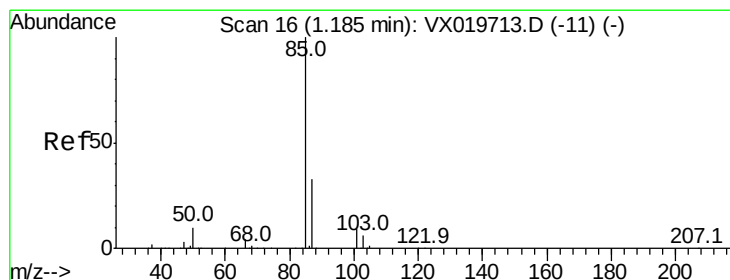
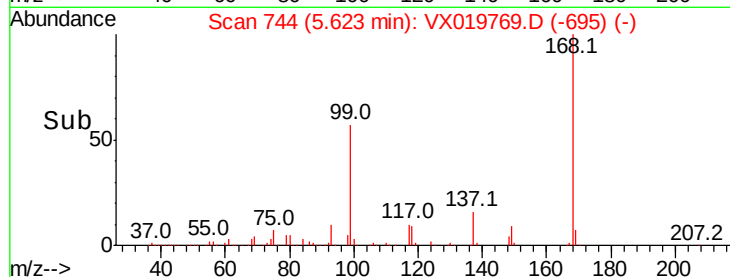
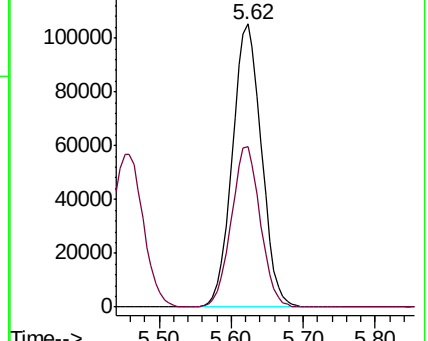
168 100

99 56.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 54.673 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019769.D

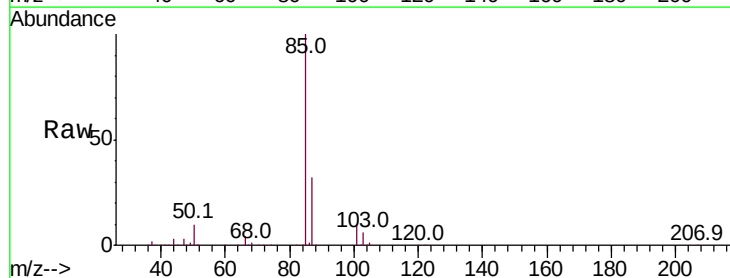
Acq: 09 Dec 2020 11:08

Tgt Ion: 85 Resp: 147661

Ion Ratio Lower Upper

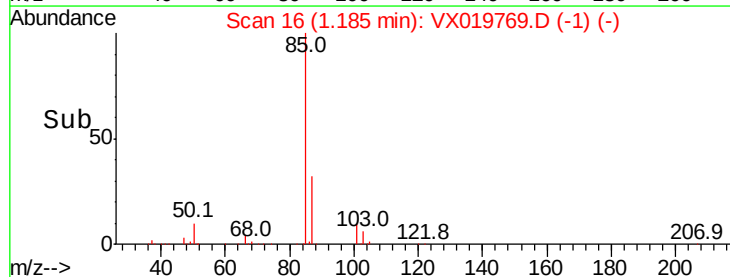
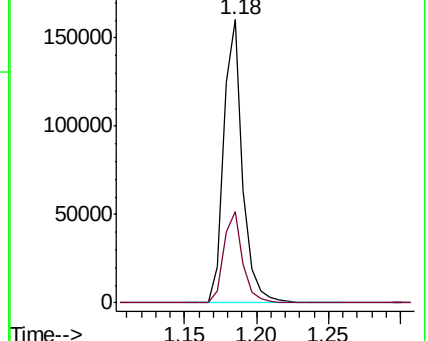
85 100

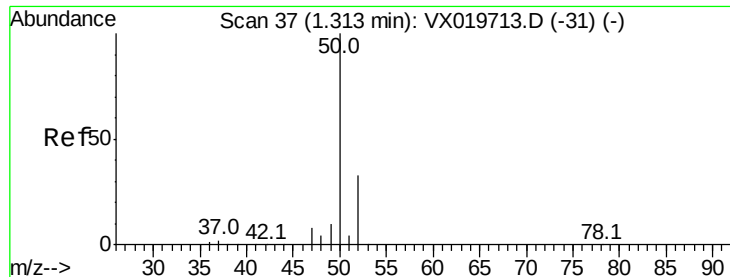
87 32.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.173 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

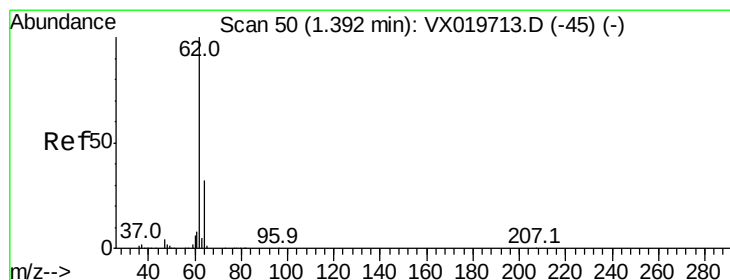
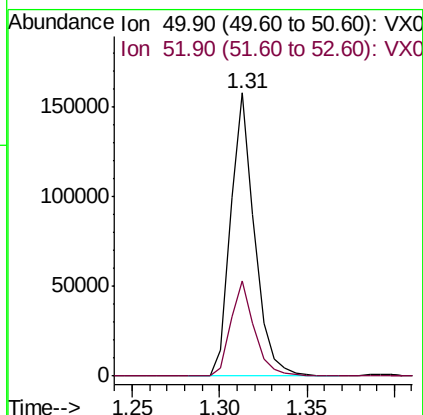
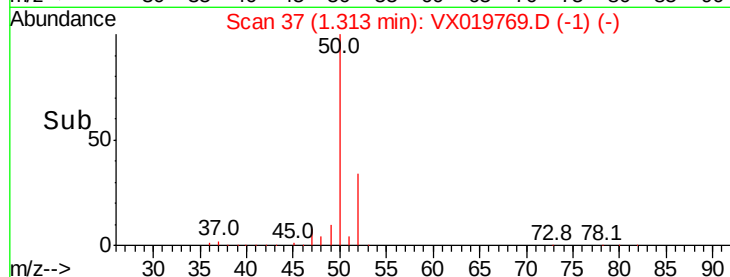
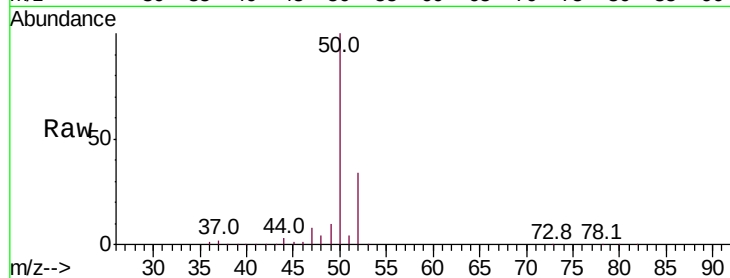
VSTDCCC050

Tot Ion: 50 Resp: 149835

Ion Ratio Lower Upper

50 100

52 33.7 26.4 39.6



#4

Vinyl Chloride

Concen: 53.831 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019769.D

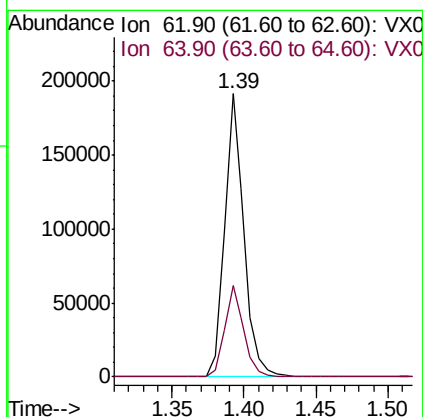
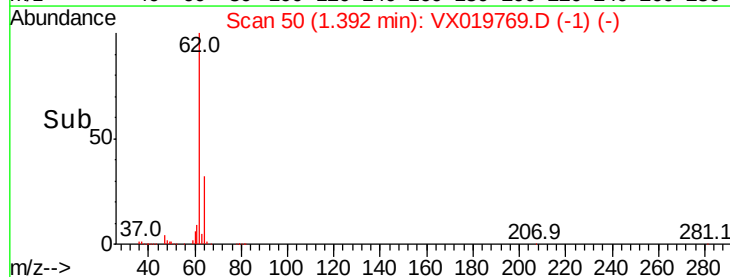
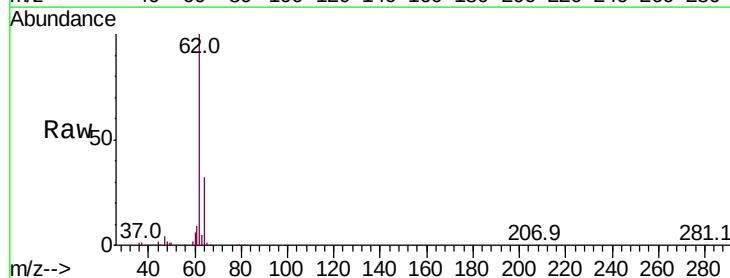
Acq: 09 Dec 2020 11:08

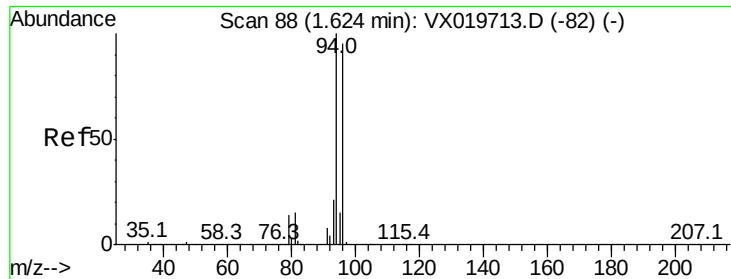
Tgt Ion: 62 Resp: 180288

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 46.669 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

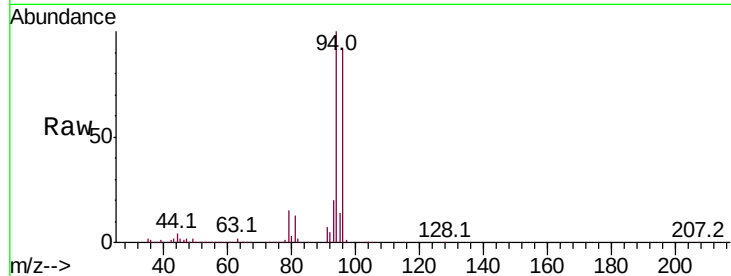
VSTDCCC050

Tot Ion: 94 Resp: 51899

Ion Ratio Lower Upper

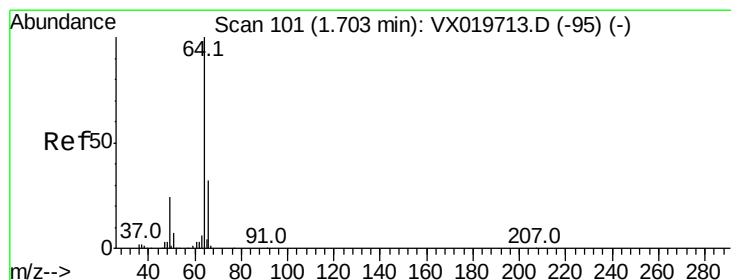
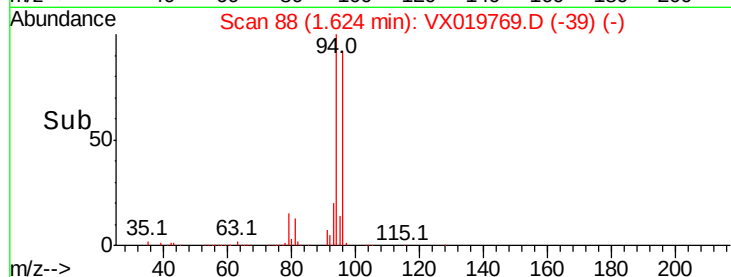
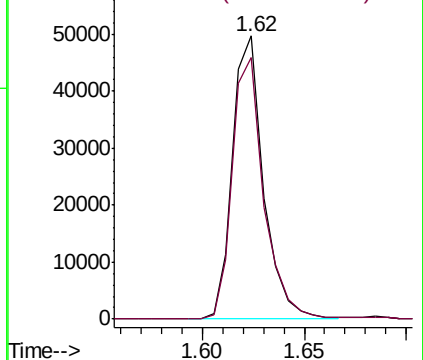
94 100

96 92.3 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: 56.474 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX019769.D

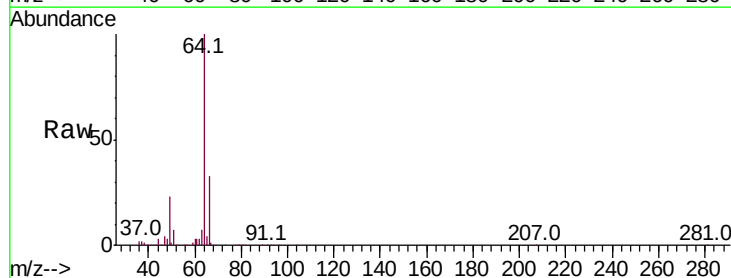
Acq: 09 Dec 2020 11:08

Tgt Ion: 64 Resp: 113618

Ion Ratio Lower Upper

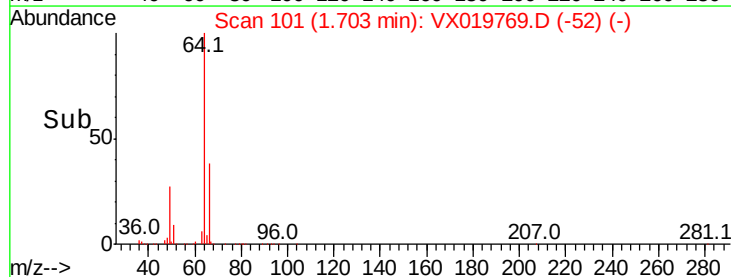
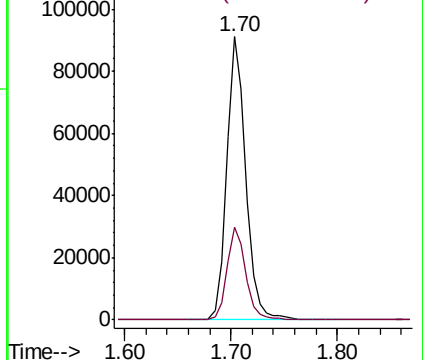
64 100

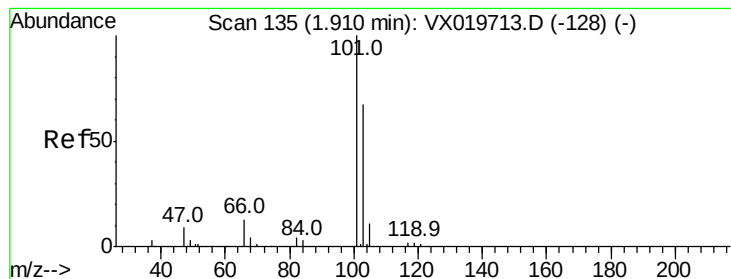
66 32.6 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 55.142 ug/l

RT: 1.91 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

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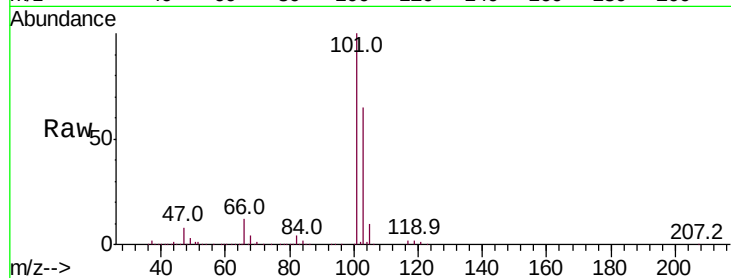
VSTDCCC050

Tot Ion:101 Resp: 257194

Ion Ratio Lower Upper

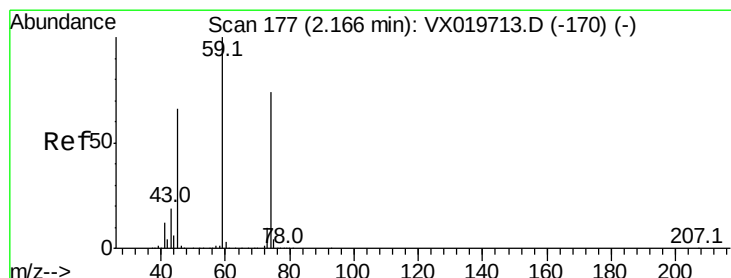
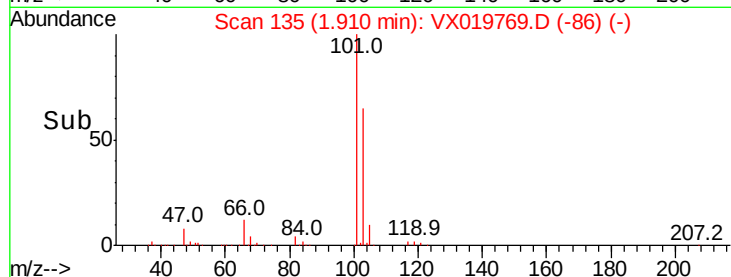
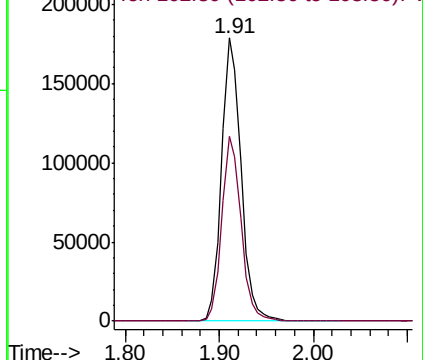
101 100

103 65.5 53.2 79.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 53.653 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX019769.D

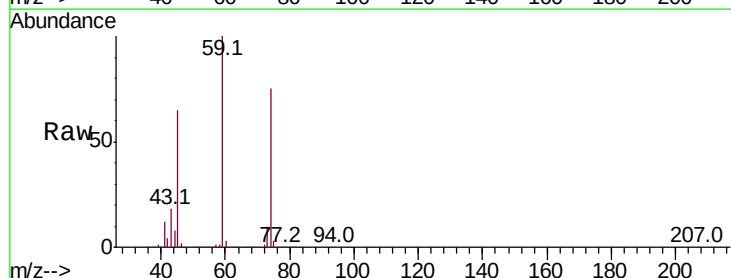
Acq: 09 Dec 2020 11:08

Tgt Ion: 74 Resp: 106046

Ion Ratio Lower Upper

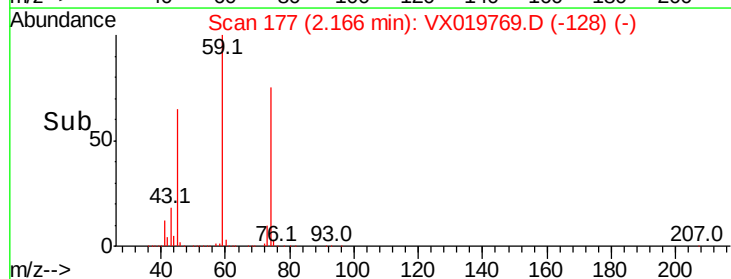
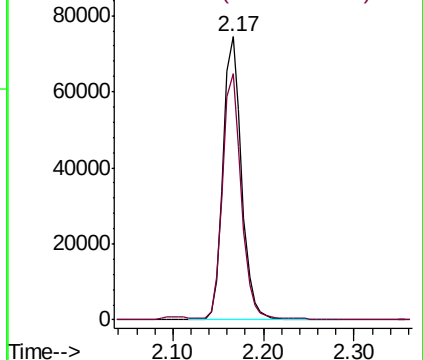
74 100

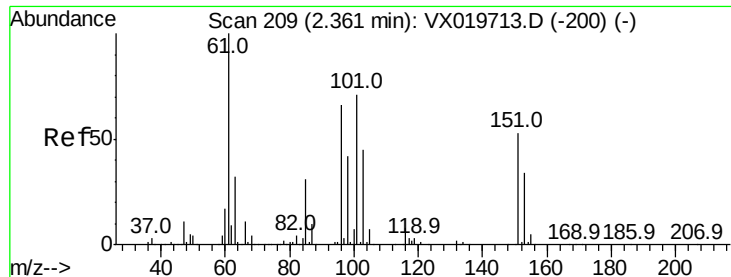
45 86.3 44.5 133.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.427 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

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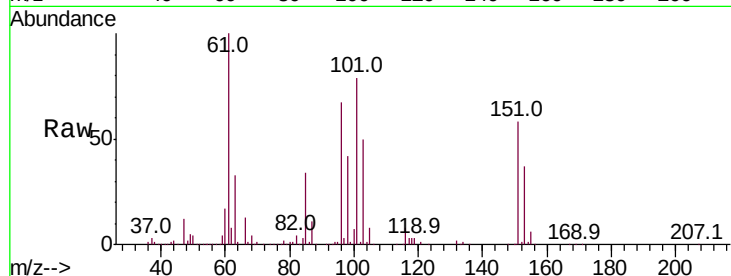
Tot Ion:101 Resp: 148180

Ion Ratio Lower Upper

101 100

85 43.3 34.9 52.3

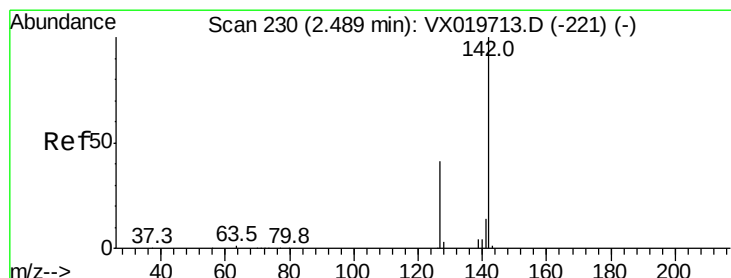
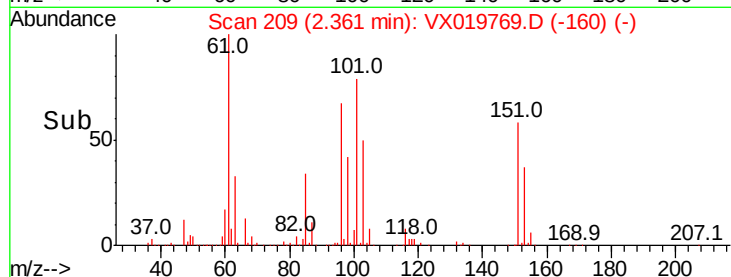
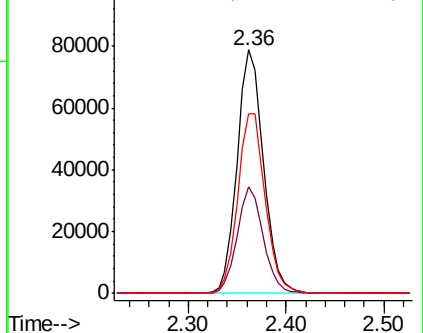
151 76.4 61.4 92.2



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: 43.834 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

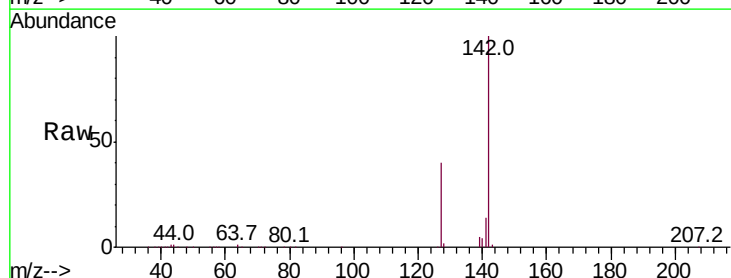
Tgt Ion:142 Resp: 172733

Ion Ratio Lower Upper

142 100

127 41.0 33.3 49.9

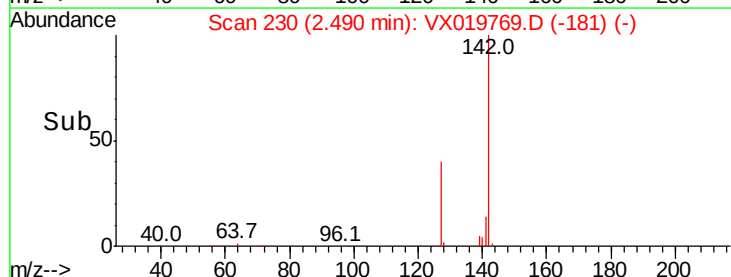
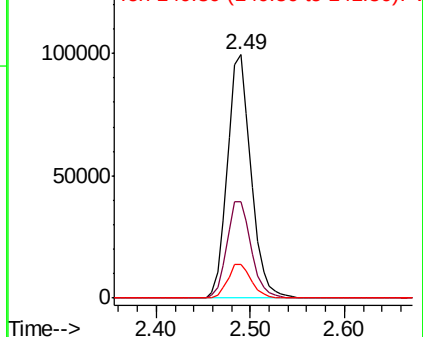
141 14.1 11.4 17.0

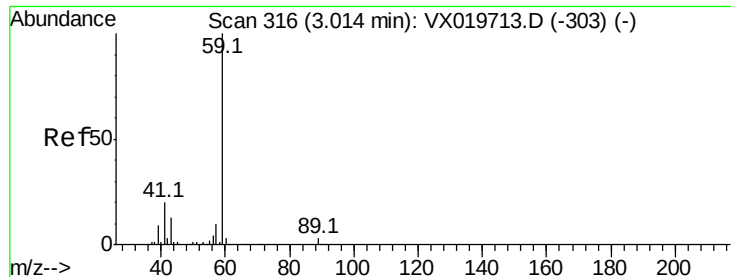


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

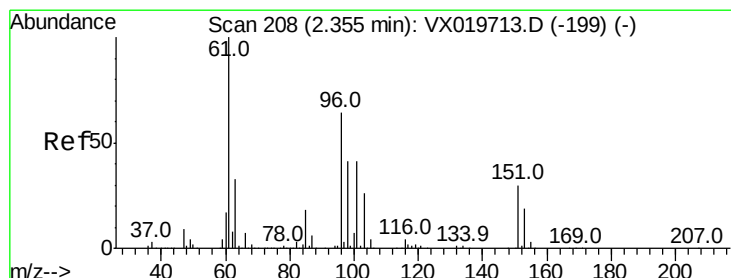
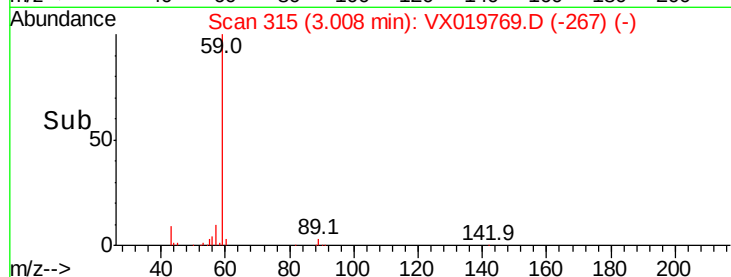
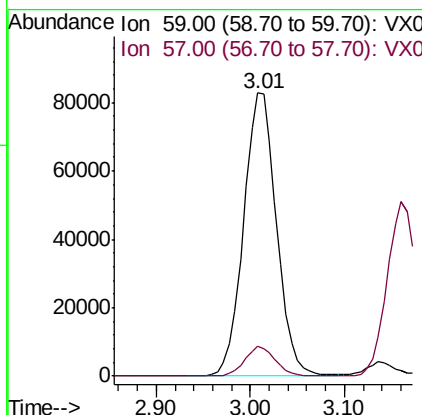
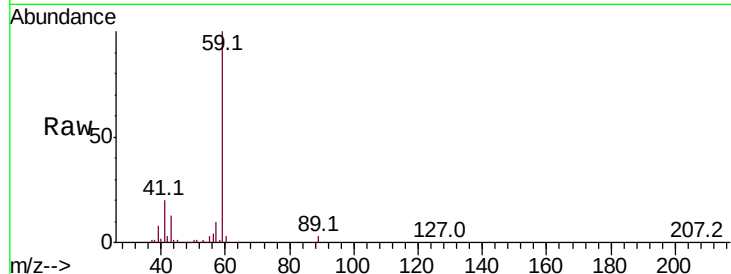




#11
Tert butyl alcohol
Concen: 254.808 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

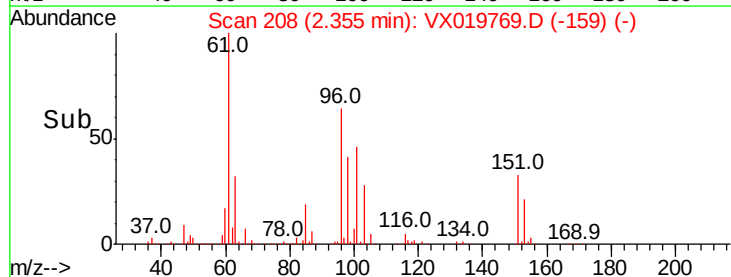
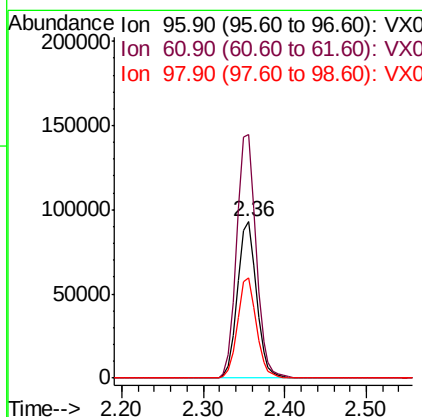
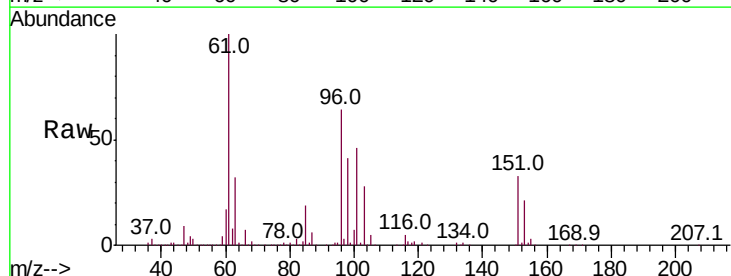
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

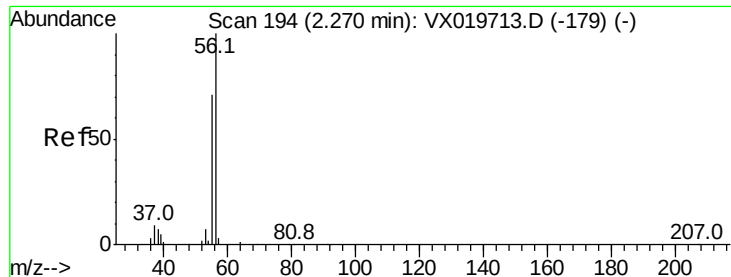
Tot Ion: 59 Resp: 203061
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.8



#12
1,1-Dichloroethene
Concen: 54.909 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion: 96 Resp: 148409
Ion Ratio Lower Upper
96 100
61 155.7 124.6 187.0
98 64.1 50.6 76.0





#13

Acrolein

Concen: 225.722 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

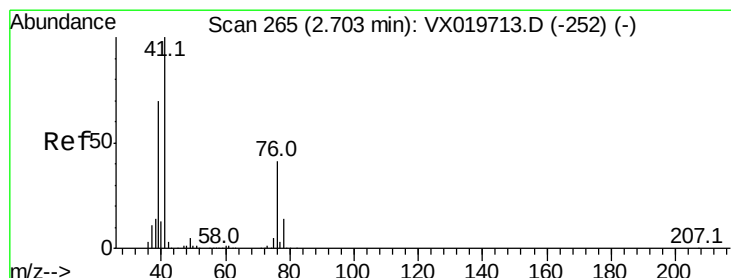
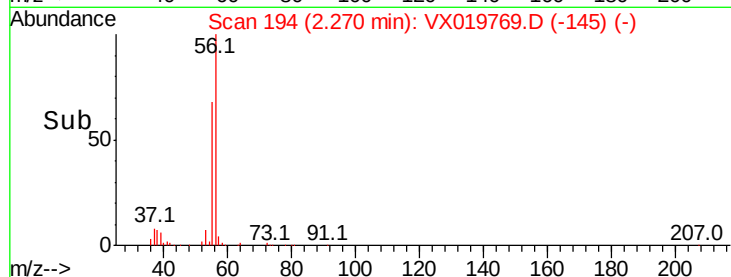
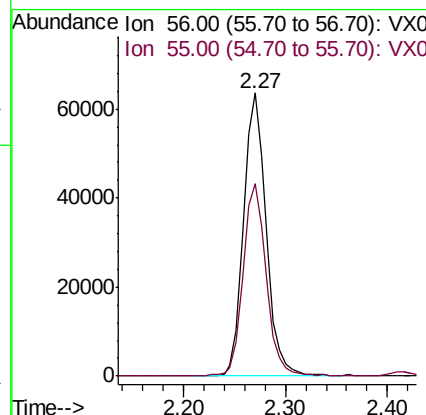
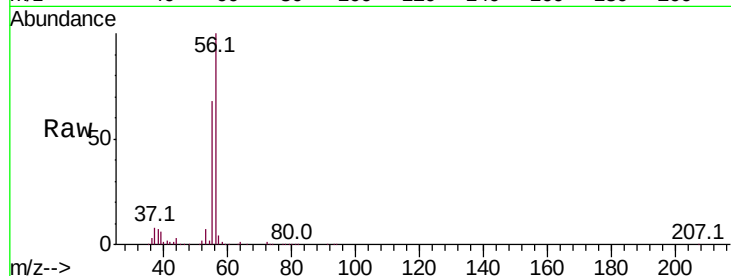
VSTDCCC050

Tot Ion: 56 Resp: 96600

Ion Ratio Lower Upper

56 100

55 69.6 56.4 84.6



#14

Allyl chloride

Concen: 53.702 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

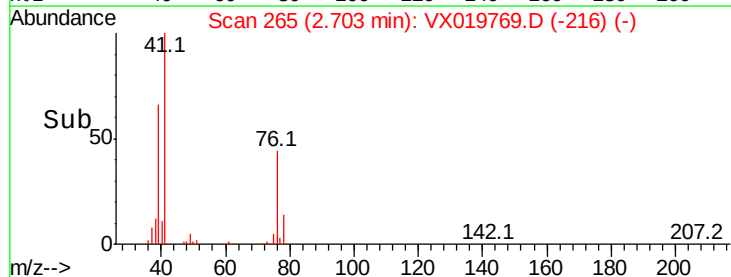
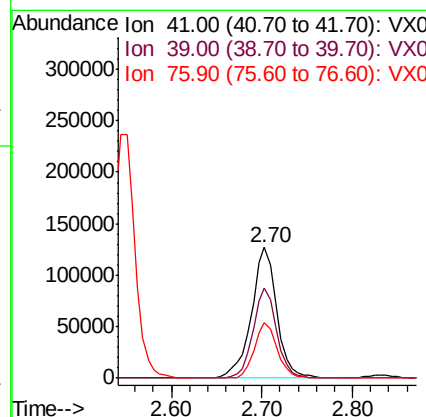
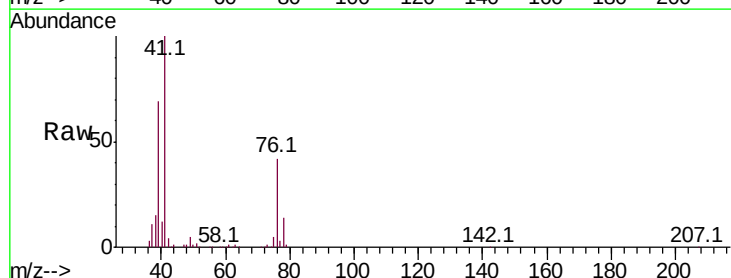
Tgt Ion: 41 Resp: 245137

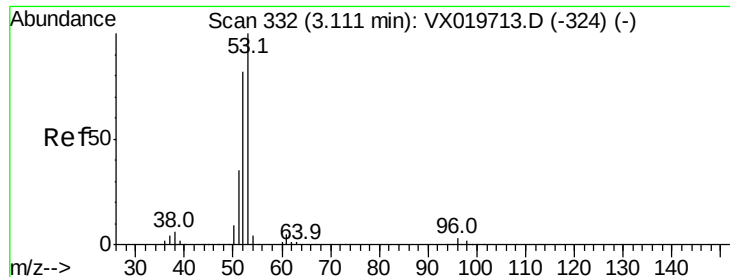
Ion Ratio Lower Upper

41 100

39 64.3 51.6 77.4

76 38.3 30.5 45.7





#15

Acrylonitrile

Concen: 264.731 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

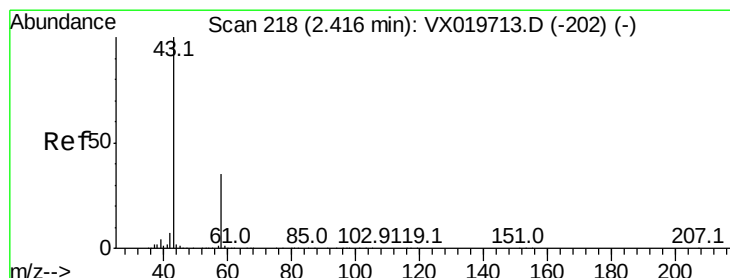
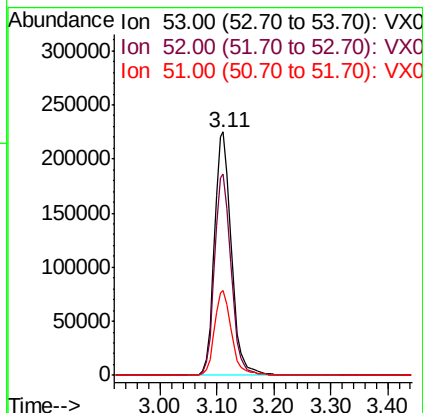
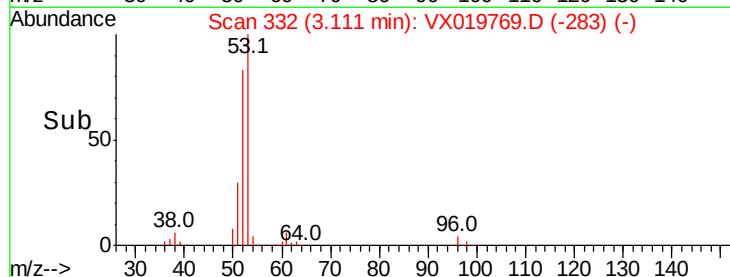
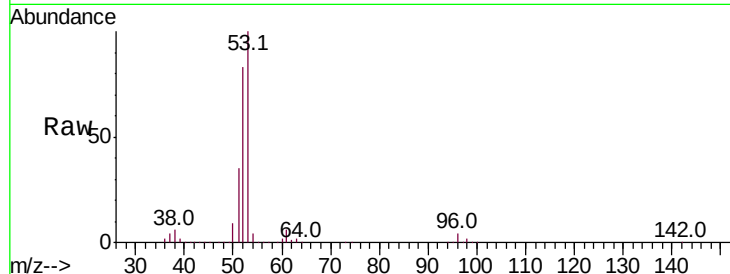
Tot Ion: 53 Resp: 464004

Ion Ratio Lower Upper

53 100

52 81.3 65.3 97.9

51 35.0 28.2 42.2



#16

Acetone

Concen: 286.118 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019769.D

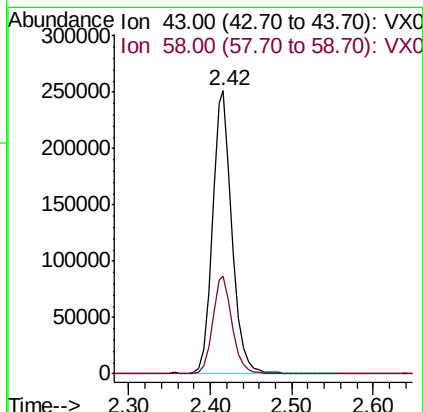
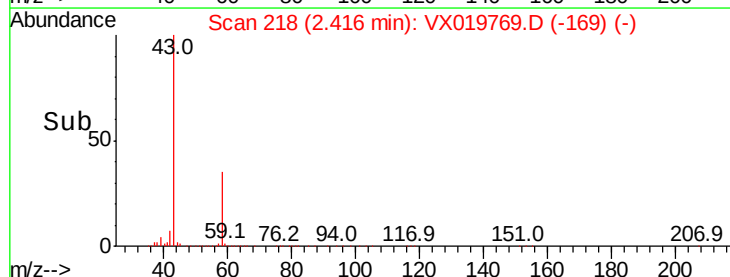
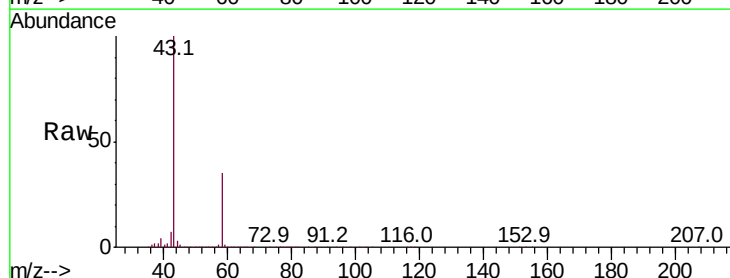
Acq: 09 Dec 2020 11:08

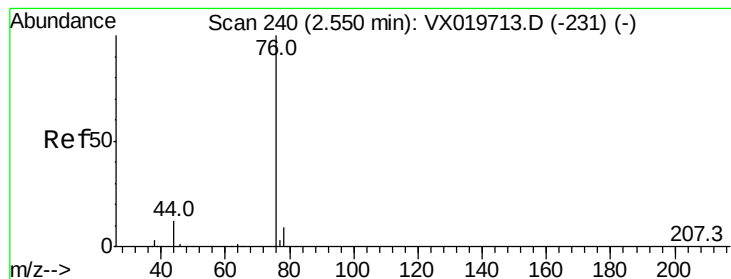
Tgt Ion: 43 Resp: 416962

Ion Ratio Lower Upper

43 100

58 34.7 27.8 41.8





#17

Carbon Disulfide

Concen: 51.316 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

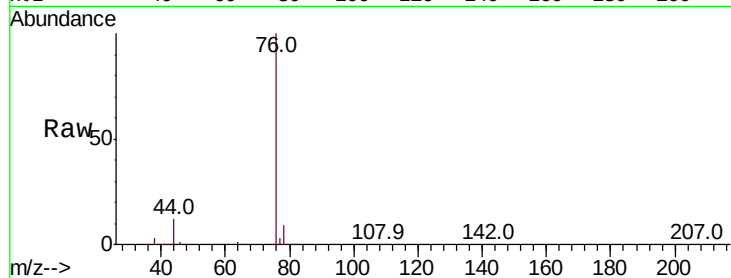
VSTDCCC050

Tot Ion: 76 Resp: 397967

Ion Ratio Lower Upper

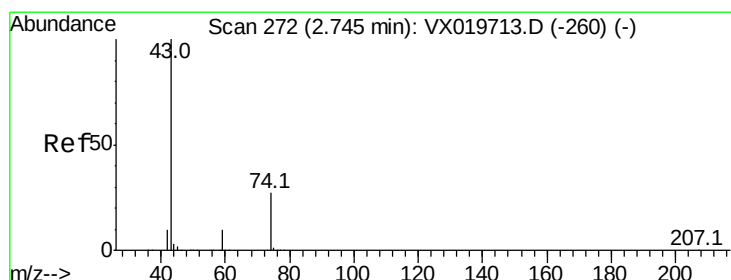
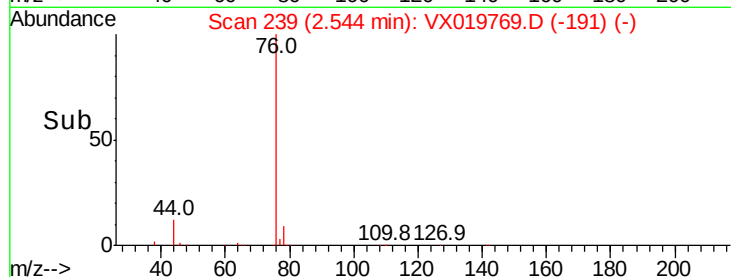
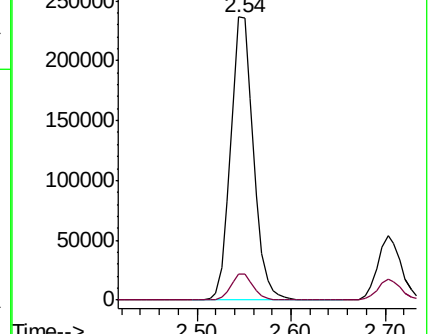
76 100

78 9.2 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: 54.470 ug/l

RT: 2.74 min Scan# 271

Delta R.T. -0.01 min

Lab File: VX019769.D

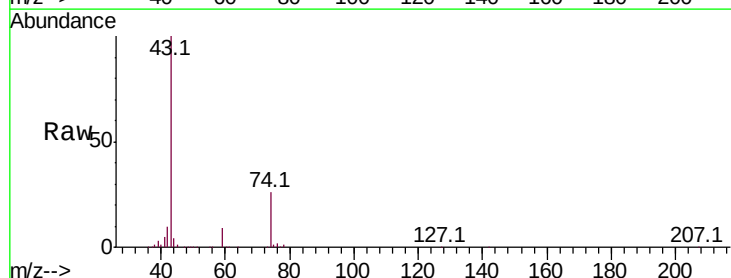
Acq: 09 Dec 2020 11:08

Tgt Ion: 43 Resp: 194251

Ion Ratio Lower Upper

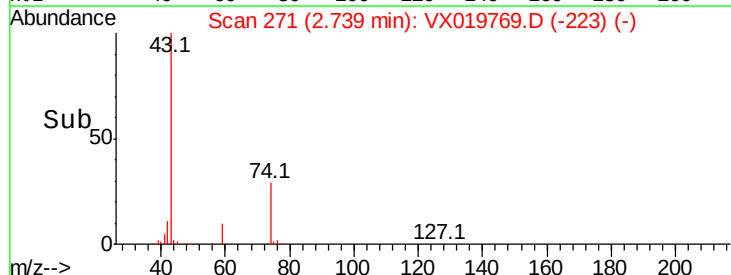
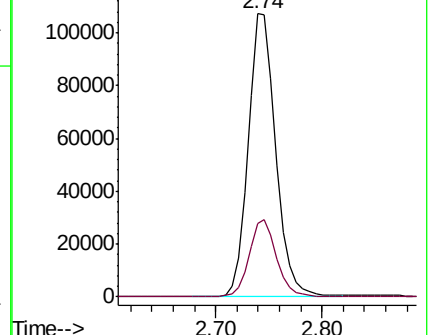
43 100

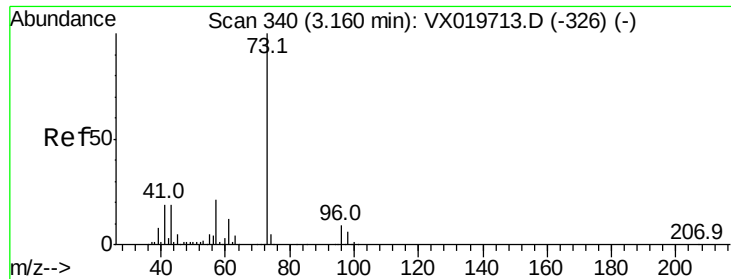
74 27.3 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

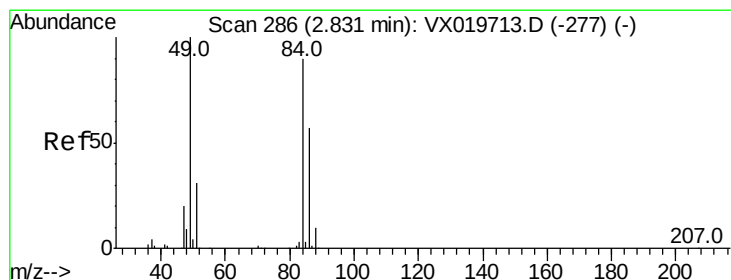
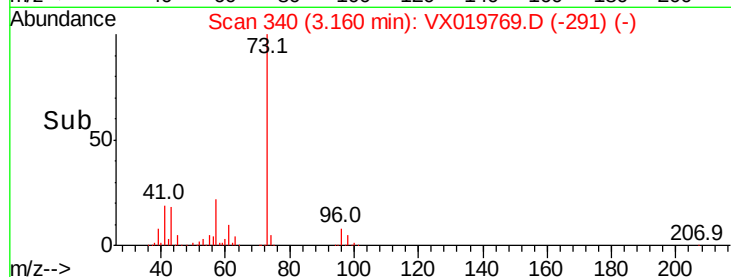
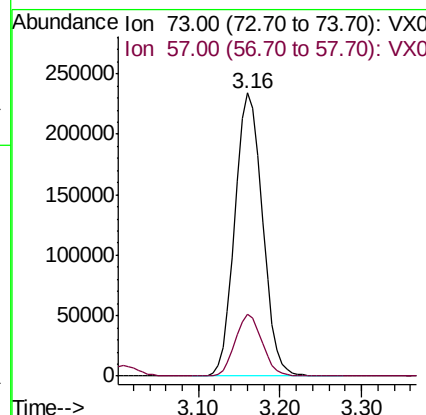
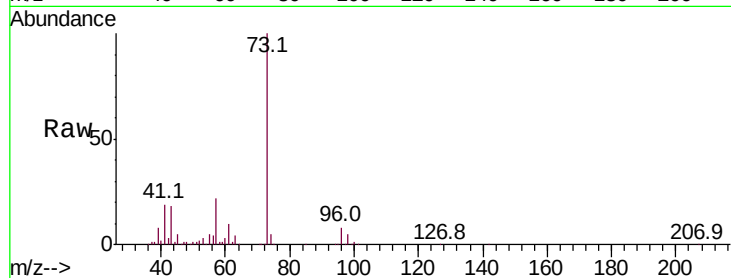




#19
Methyl tert-butyl Ether
Concen: 55.507 ug/l
RT: 3.16 min Scan# 340
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

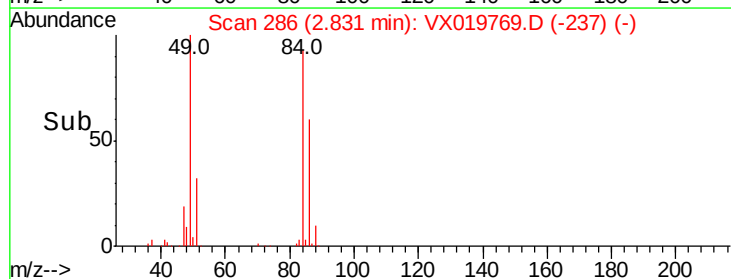
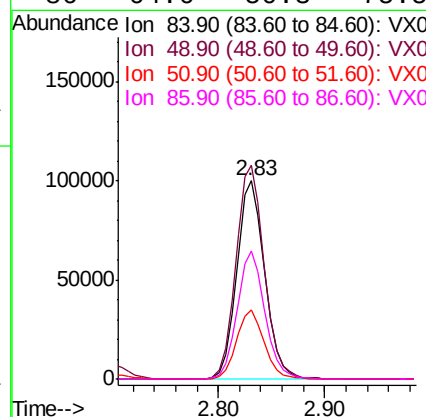
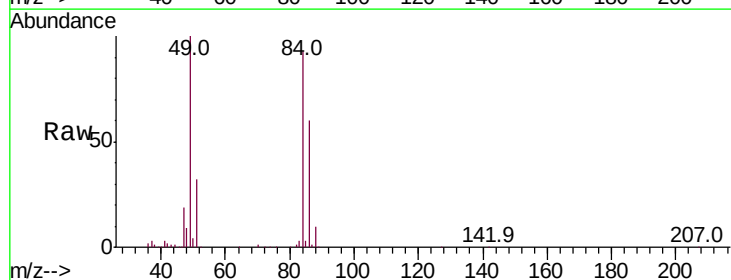
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

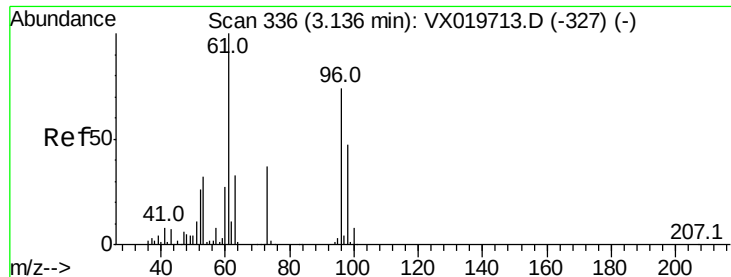
Tot Ion: 73 Resp: 546367
Ion Ratio Lower Upper
73 100
57 21.8 17.1 25.7



#20
Methylene Chloride
Concen: 55.306 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion: 84 Resp: 183502
Ion Ratio Lower Upper
84 100
49 107.8 88.6 132.8
51 34.6 27.0 40.6
86 64.6 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 54.800 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

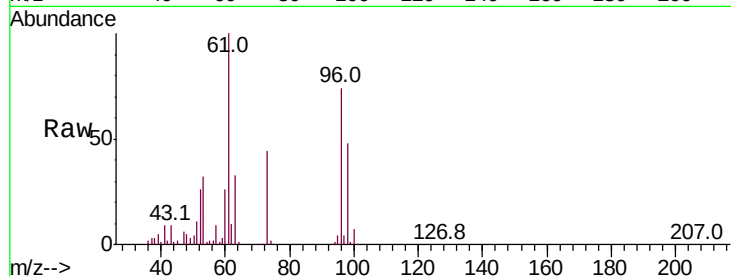
Tot Ion: 96 Resp: 172680

Ion Ratio Lower Upper

96 100

61 134.5 107.7 161.5

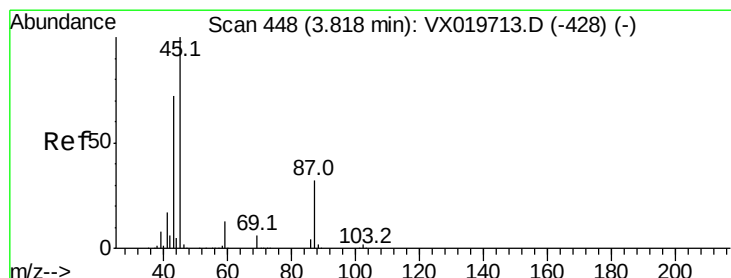
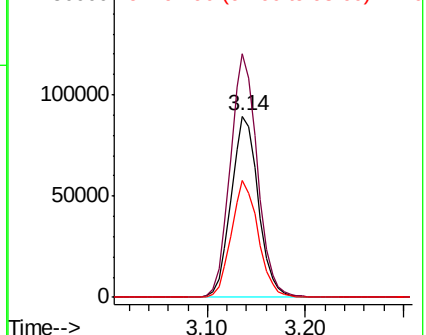
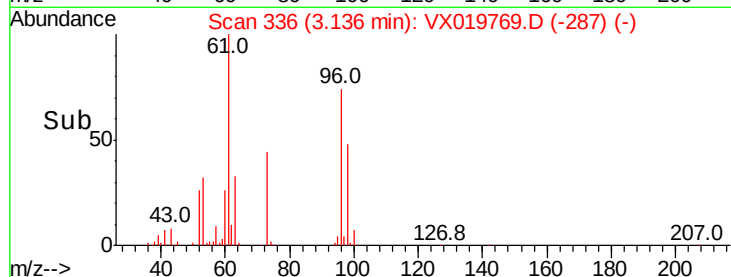
98 64.8 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.513 ug/l

RT: 3.82 min Scan# 448

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Tgt Ion: 45 Resp: 512347

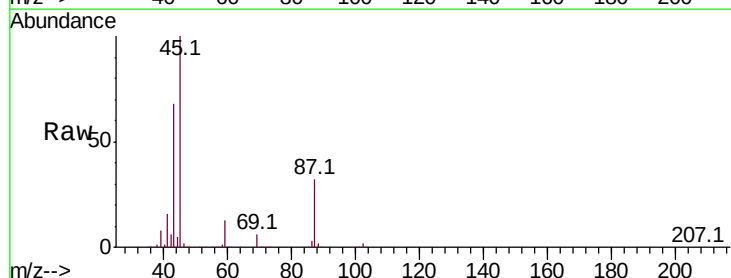
Ion Ratio Lower Upper

45 100

43 68.4 58.0 87.0

87 31.7 25.4 38.0

59 12.8 10.2 15.2

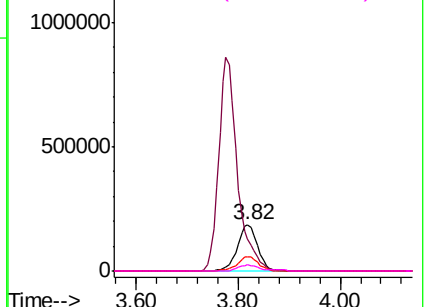
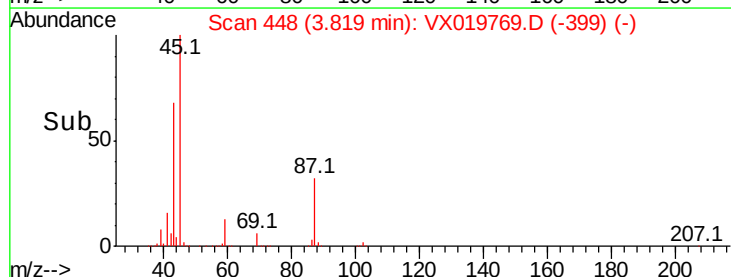


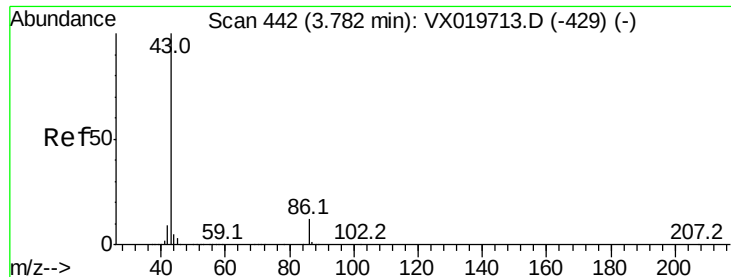
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 278.822 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

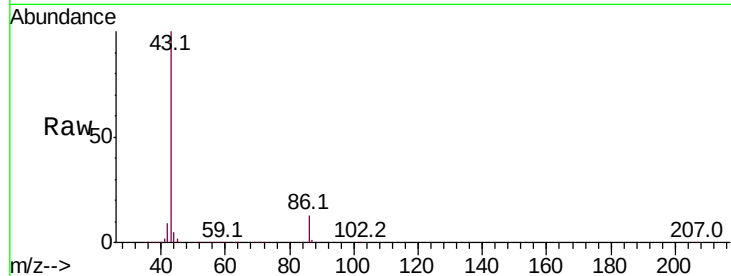
VSTDCCC050

Tot Ion: 43 Resp: 2192370

Ion Ratio Lower Upper

43 100

86 12.8 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

800000

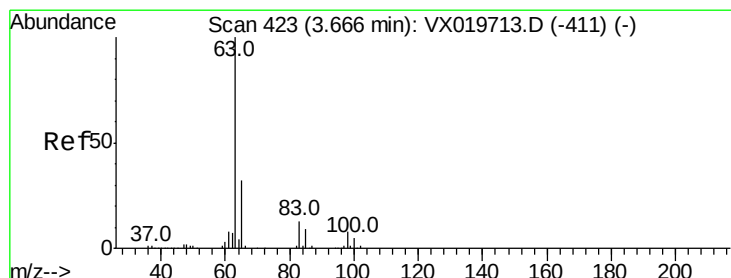
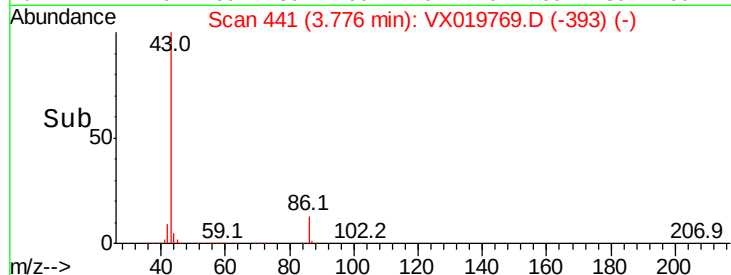
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 54.701 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

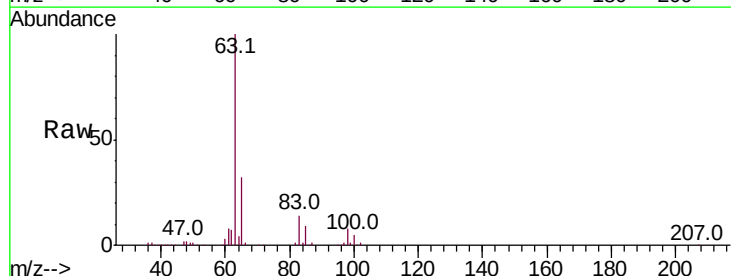
Tgt Ion: 63 Resp: 304440

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.2

100 5.1 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

3.67

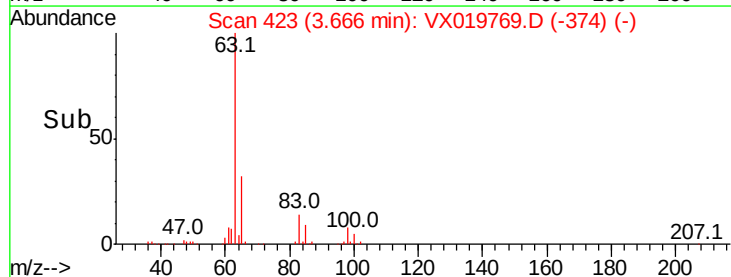
150000

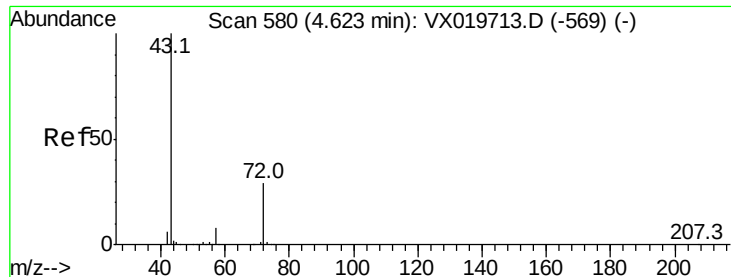
100000

50000

0

Time-->





#25

2-Butanone

Concen: 270.184 ug/l

RT: 4.62 min Scan# 580

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

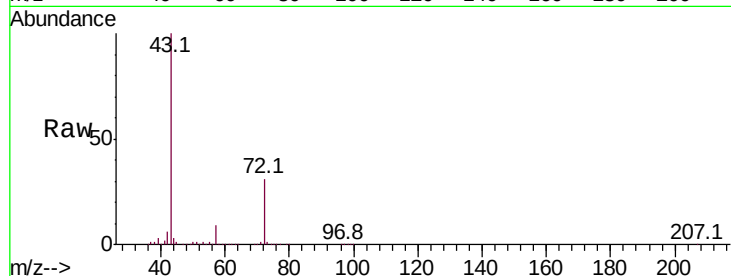
VSTDCCC050

Tot Ion: 43 Resp: 605024

Ion Ratio Lower Upper

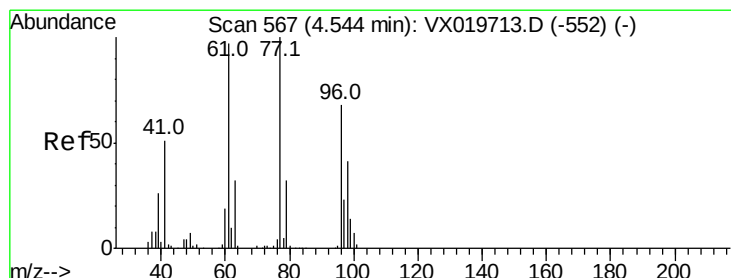
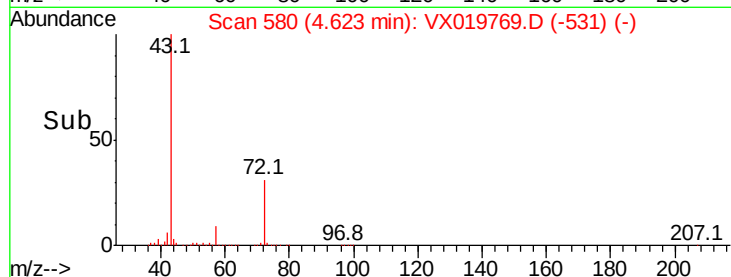
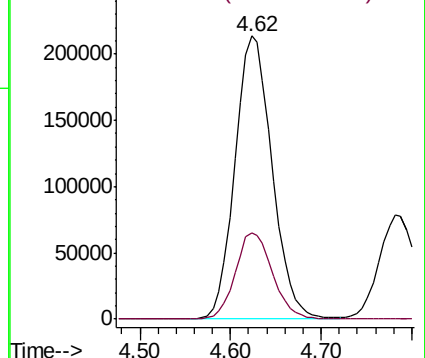
43 100

72 30.6 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 55.882 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX019769.D

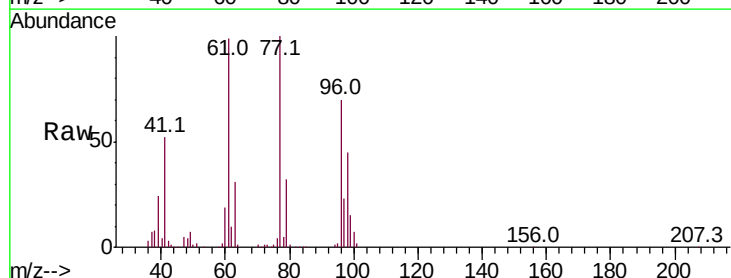
Acq: 09 Dec 2020 11:08

Tgt Ion: 77 Resp: 267834

Ion Ratio Lower Upper

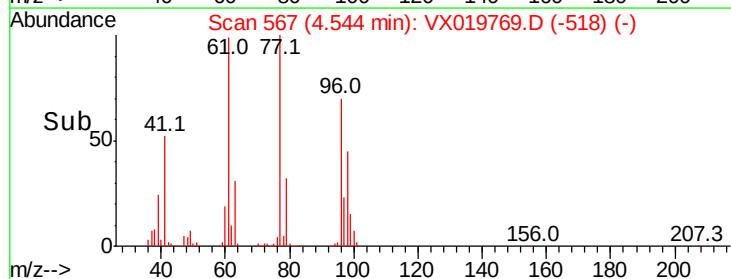
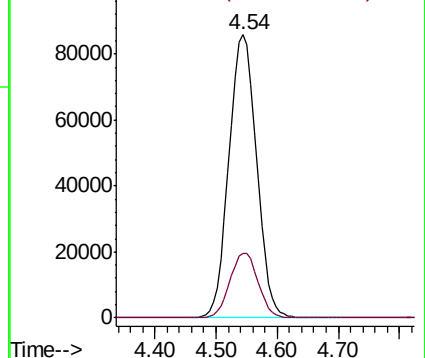
77 100

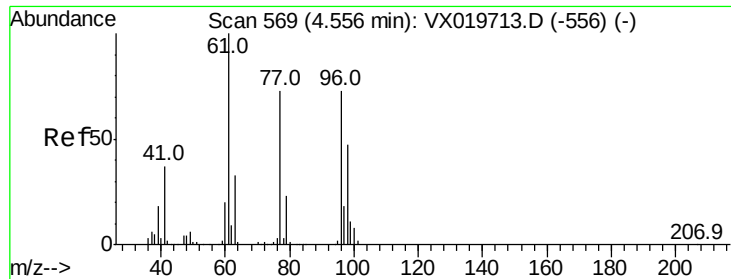
97 23.3 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 54.335 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

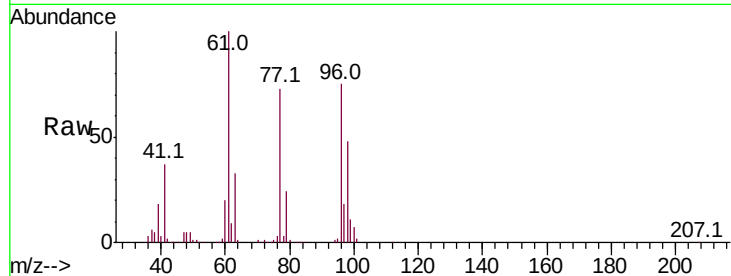
Tot Ion: 96 Resp: 200363

Ion Ratio Lower Upper

96 100

61 140.0 0.0 285.6

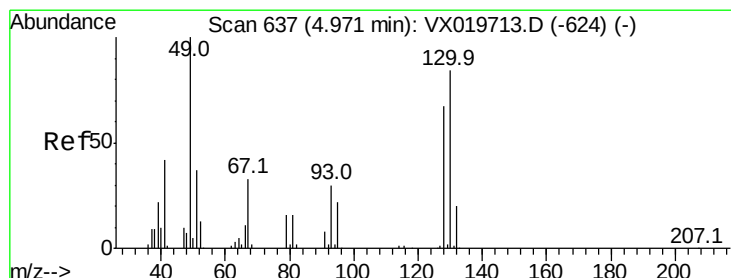
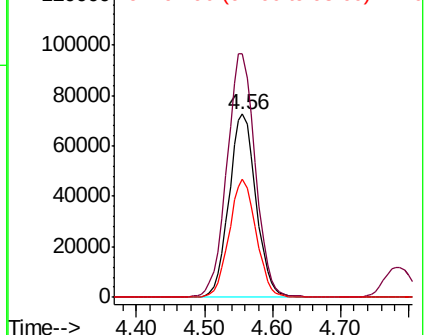
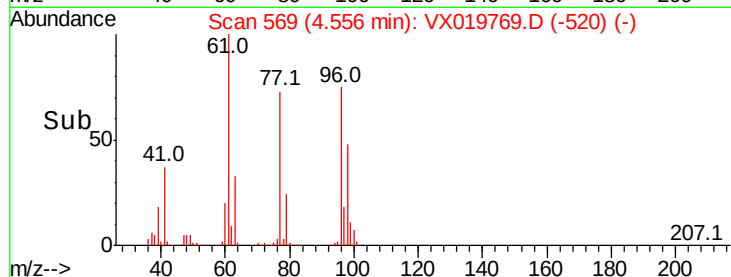
98 64.2 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 45.186 ug/l

RT: 4.97 min Scan# 637

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

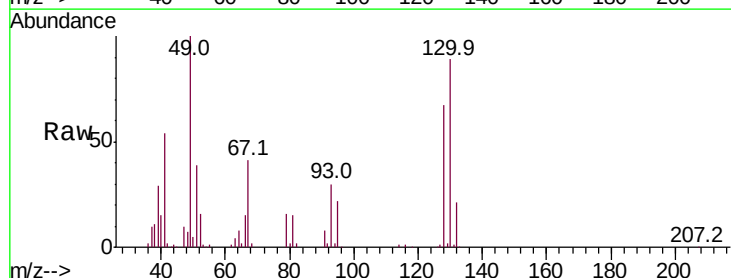
Tgt Ion: 49 Resp: 119885

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

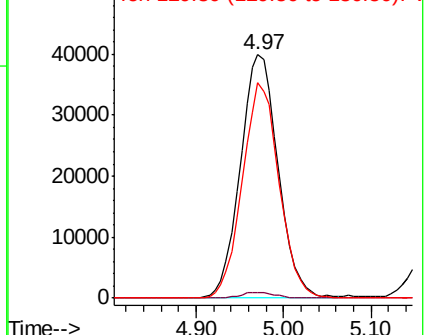
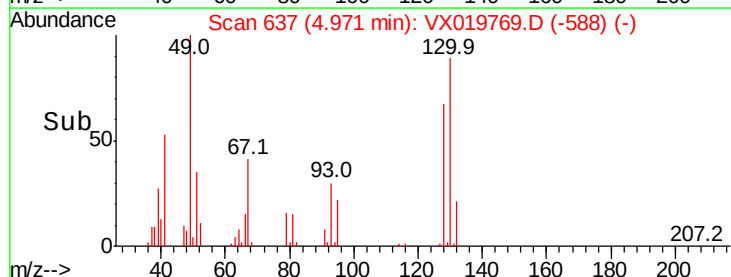
130 86.3 68.2 102.2

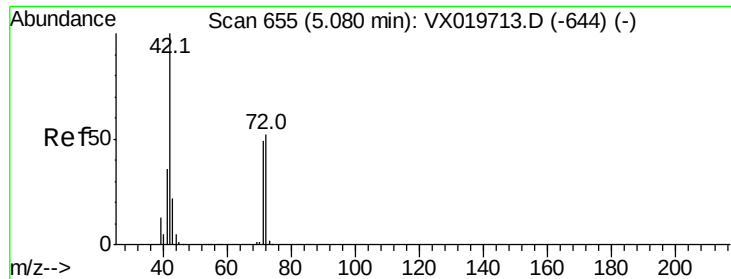


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

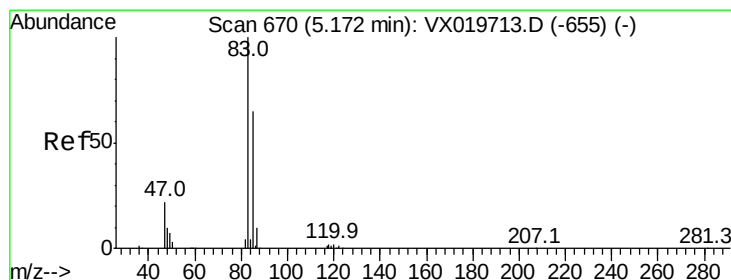
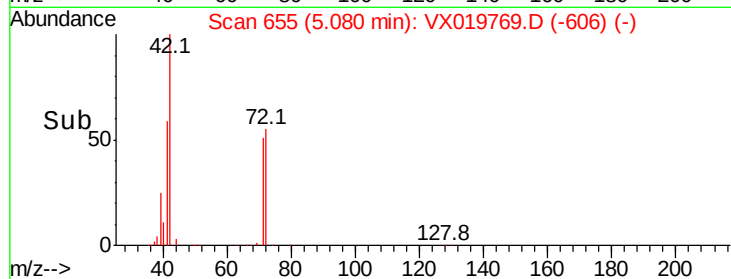
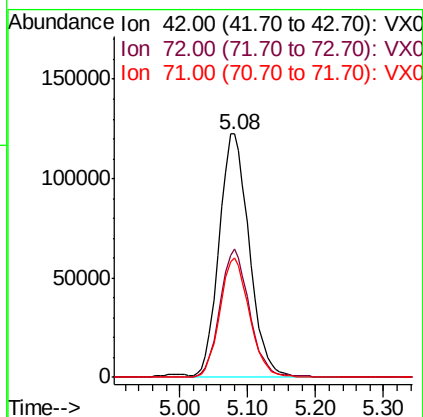
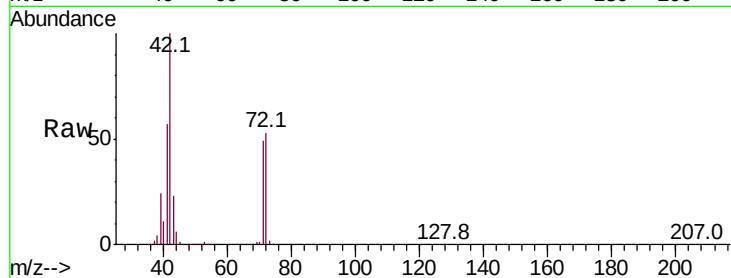




#29
Tetrahydrofuran
Concen: 259.869 ug/l
RT: 5.08 min Scan# 655
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

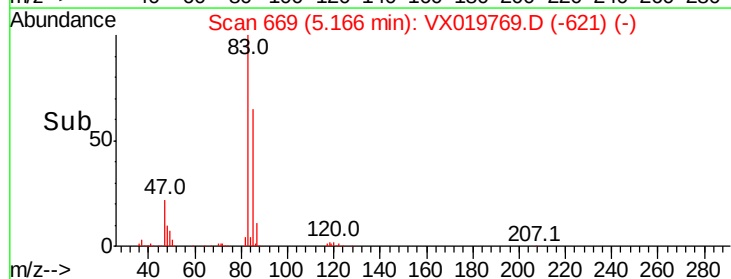
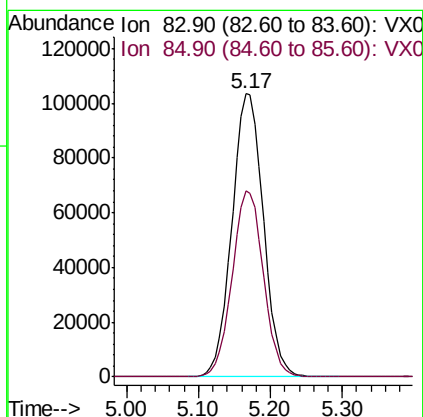
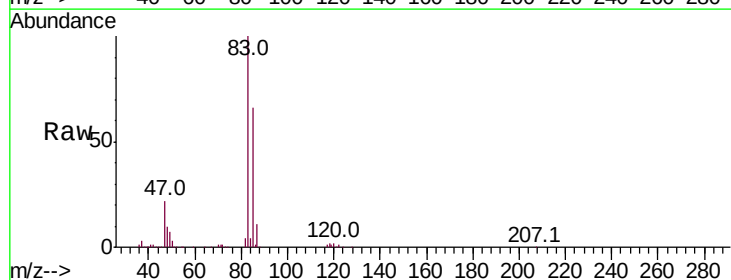
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

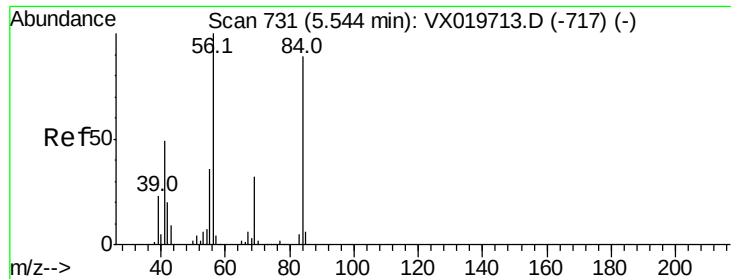
Tot Ion: 42 Resp: 374928
Ion Ratio Lower Upper
42 100
72 52.2 41.7 62.5
71 48.2 38.4 57.6



#30
Chloroform
Concen: 54.807 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion: 83 Resp: 313644
Ion Ratio Lower Upper
83 100
85 65.6 52.0 78.0

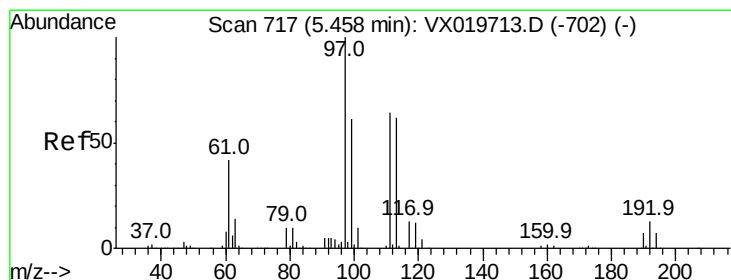
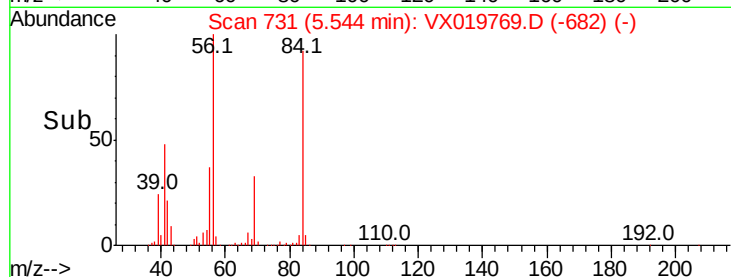
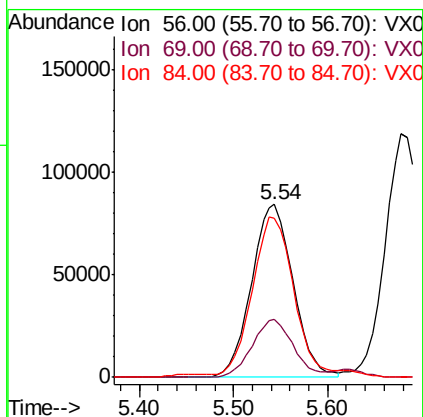
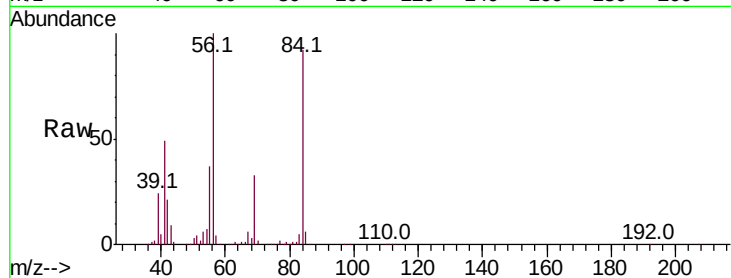




#31
Cyclohexane
Concen: 54.173 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

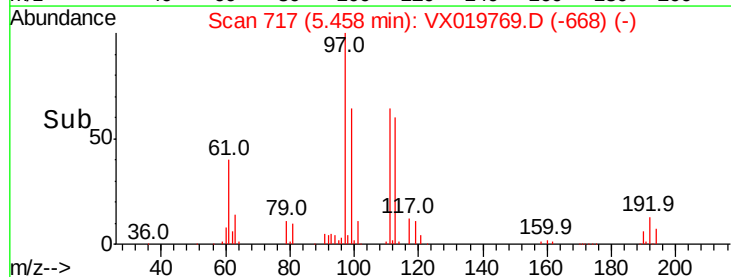
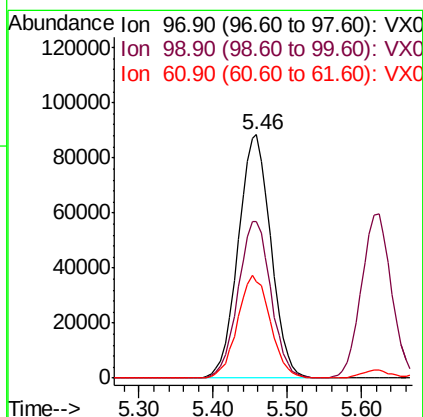
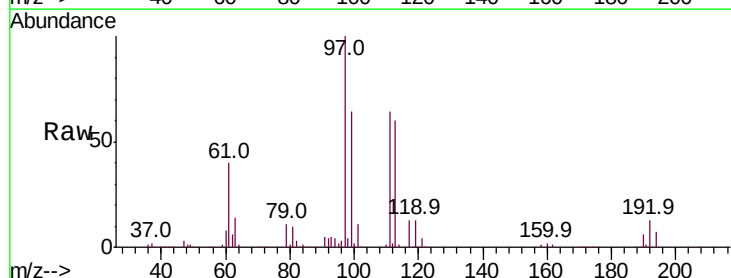
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

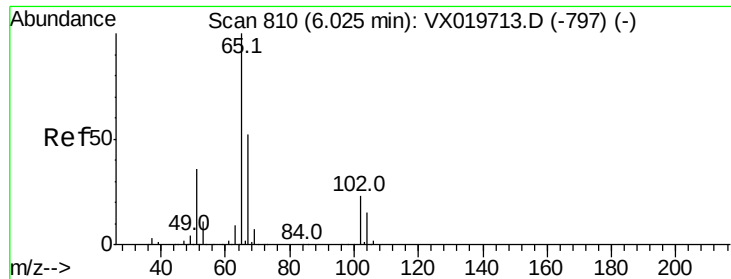
Tot Ion: 56 Resp: 261267
Ion Ratio Lower Upper
56 100
69 33.4 25.3 37.9
84 90.9 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 55.192 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion: 97 Resp: 272001
Ion Ratio Lower Upper
97 100
99 64.7 51.5 77.3
61 42.3 34.2 51.4

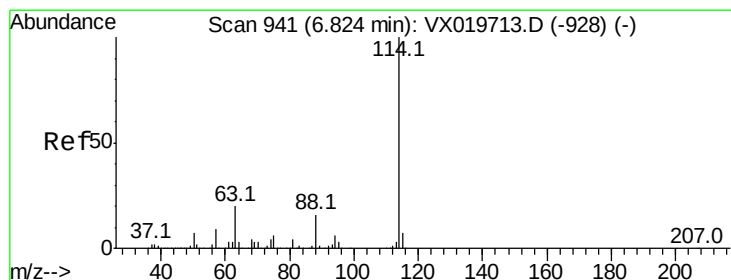
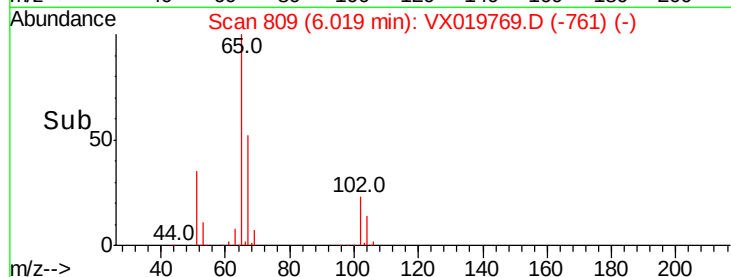
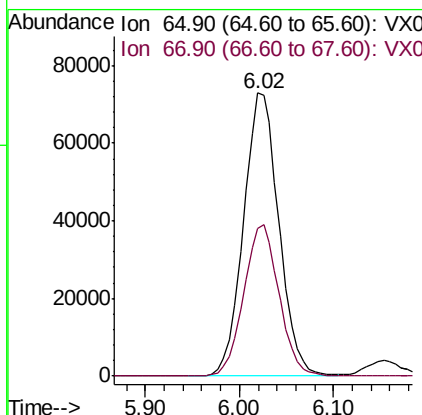
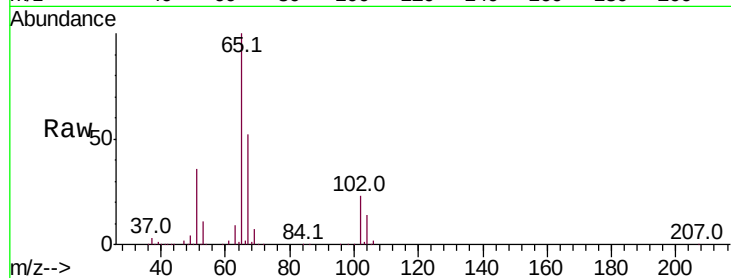




#33
 1,2-Dichloroethane-d4
 Concen: 49.486 ug/l
 RT: 6.02 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

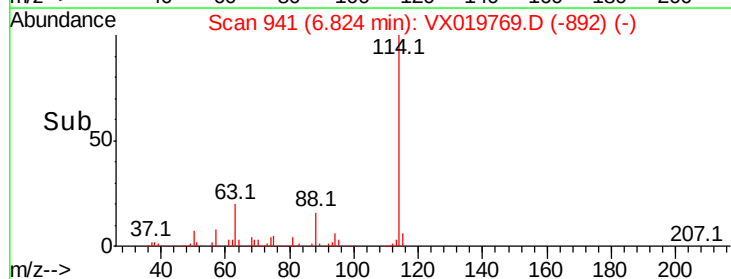
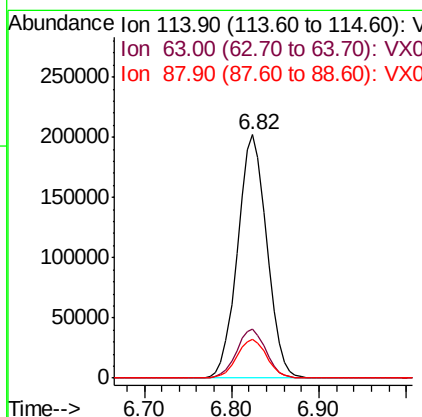
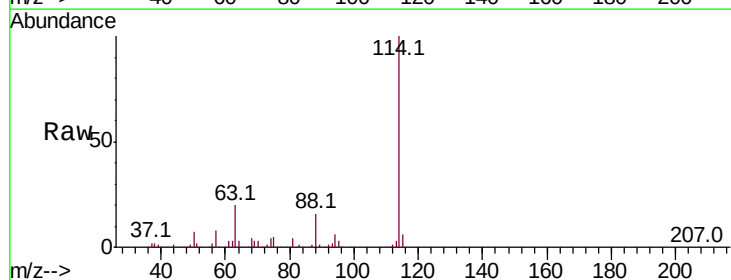
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

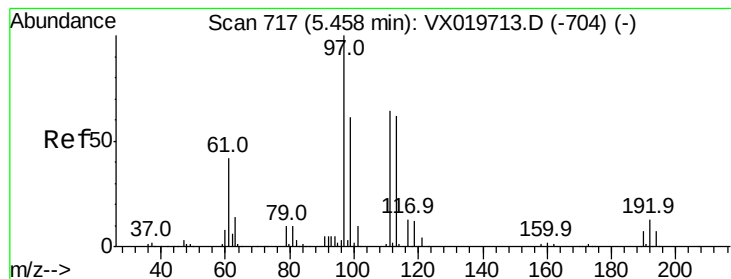
Tot Ion: 65 Resp: 191861
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Tgt Ion: 114 Resp: 470437
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.886 ug/l

RT: 5.45 min Scan# 716

Delta R.T. -0.01 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

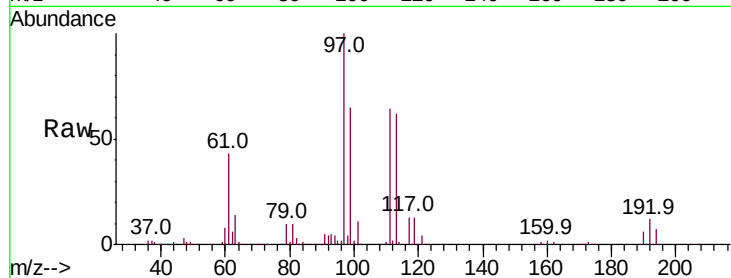
Tot Ion:113 Resp: 157751

Ion Ratio Lower Upper

113 100

111 104.3 81.9 122.9

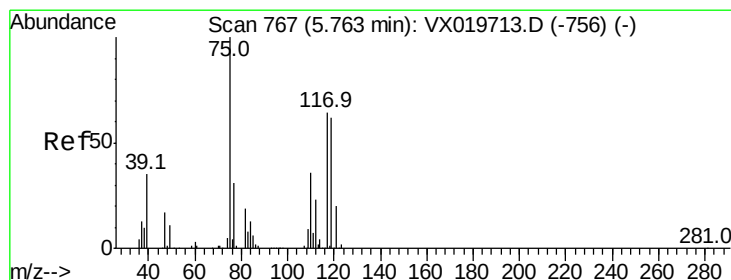
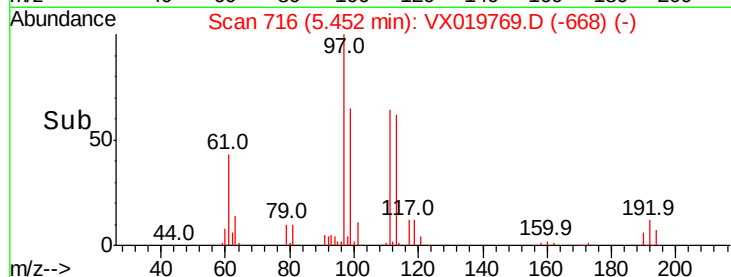
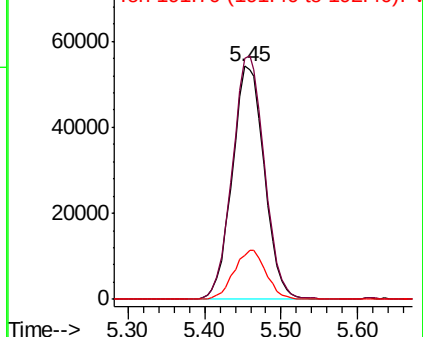
192 21.1 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 54.861 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

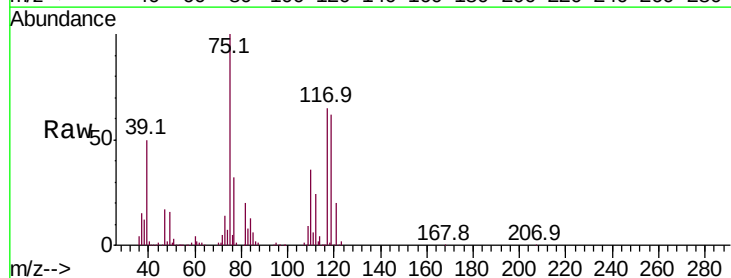
Tgt Ion: 75 Resp: 233217

Ion Ratio Lower Upper

75 100

110 36.4 18.1 54.4

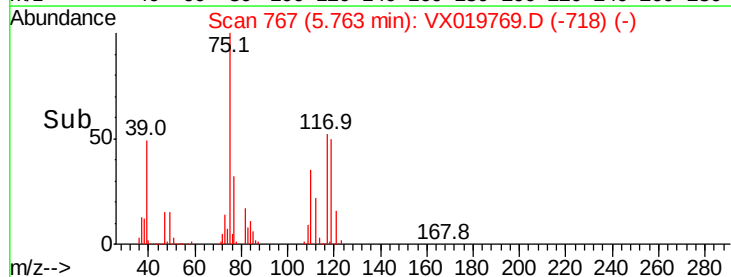
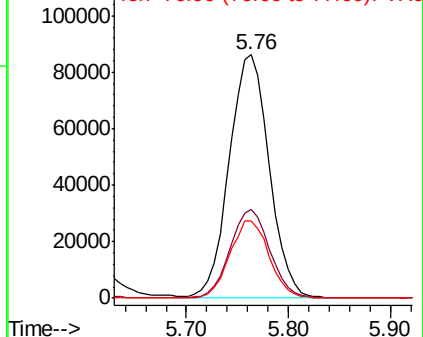
77 31.6 25.3 37.9

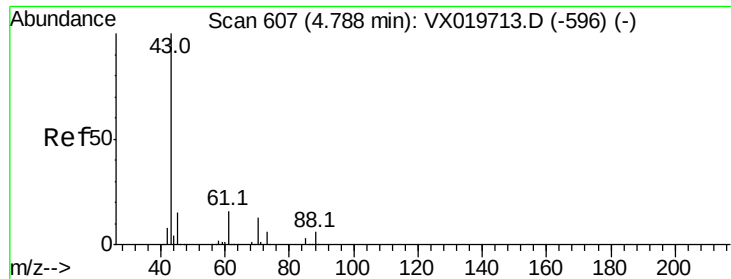


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 53.232 ug/l

RT: 4.78 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

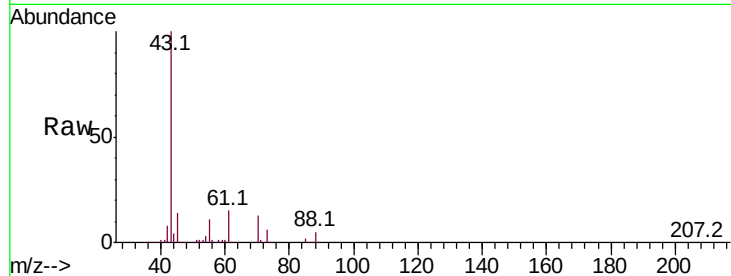
Tot Ion: 43 Resp: 228477

Ion Ratio Lower Upper

43 100

61 15.2 12.8 19.2

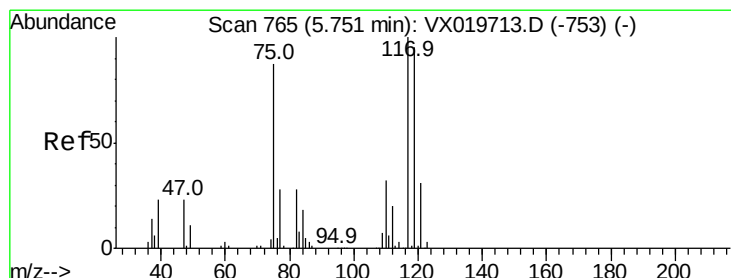
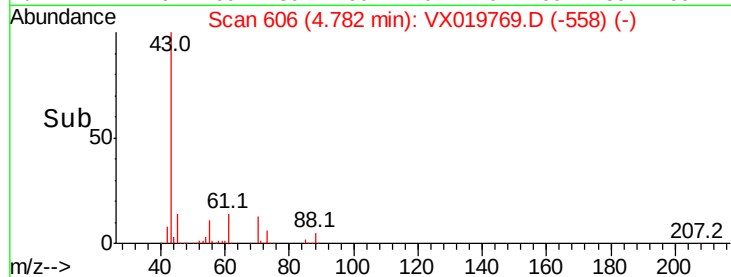
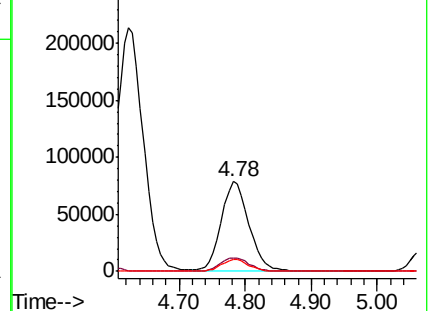
70 13.1 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 56.057 ug/l

RT: 5.75 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

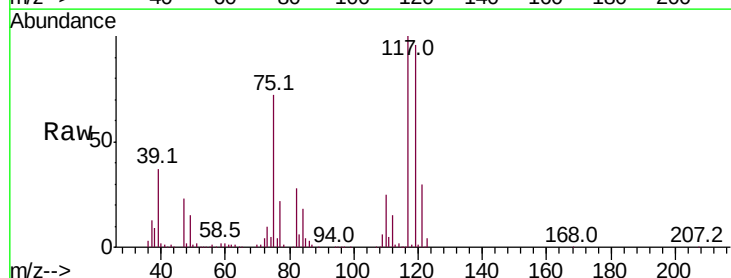
Tgt Ion: 117 Resp: 233357

Ion Ratio Lower Upper

117 100

119 95.6 76.2 114.2

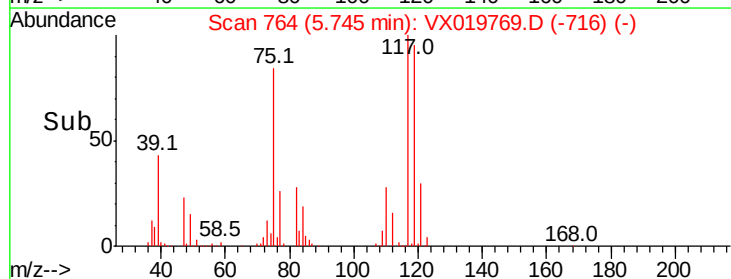
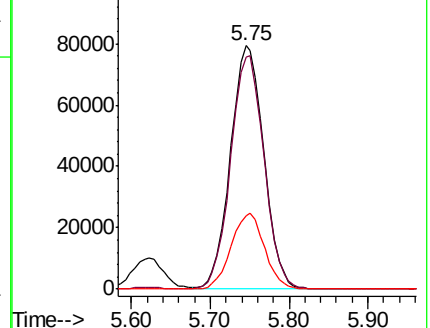
121 30.3 24.8 37.2

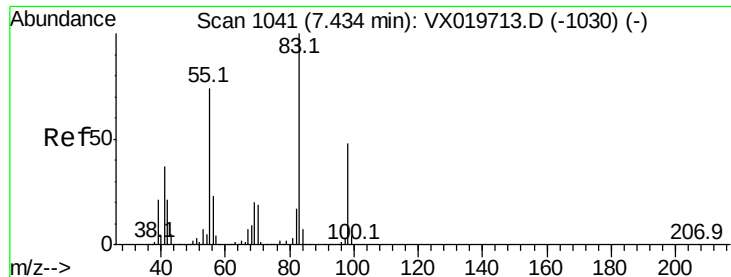


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

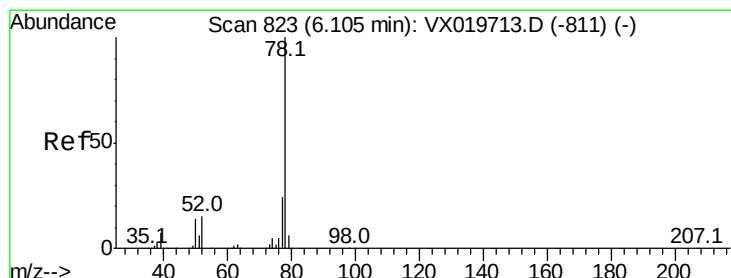
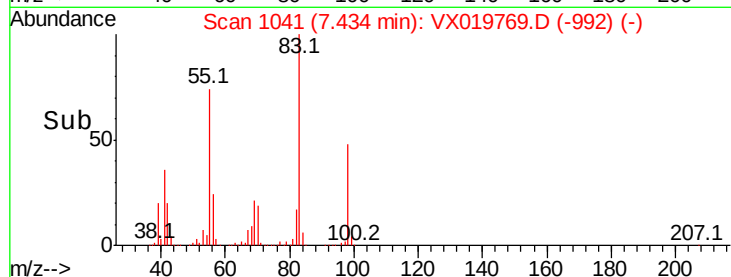
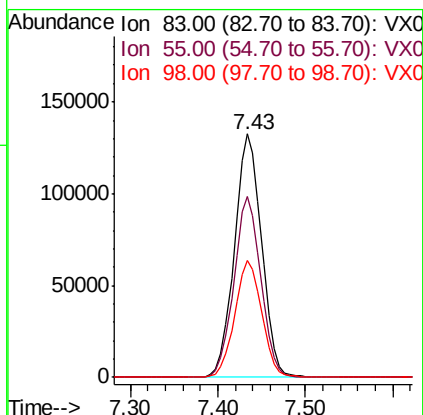
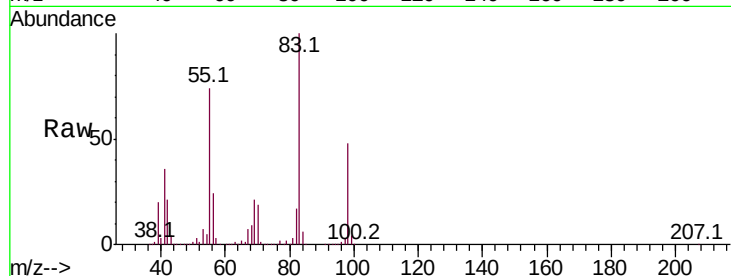




#39
Methylvlcyclohexane
Concen: 57.166 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

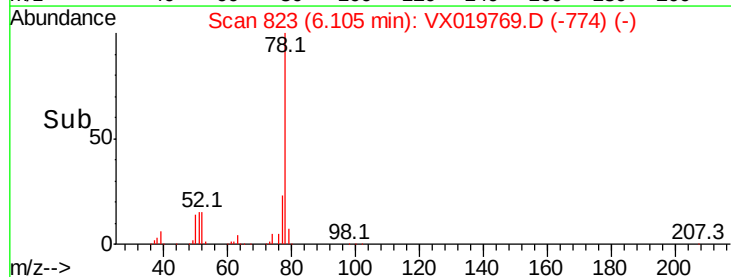
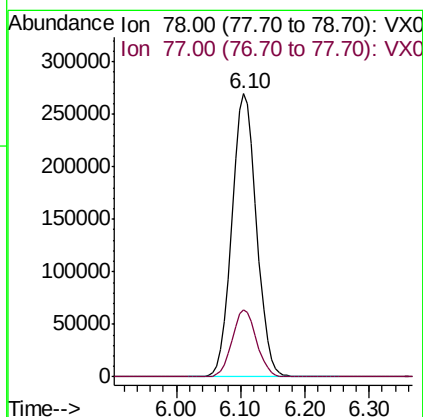
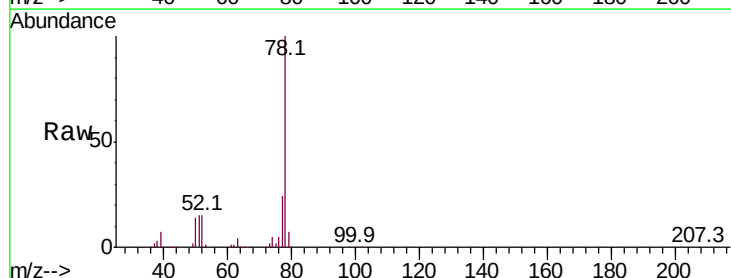
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

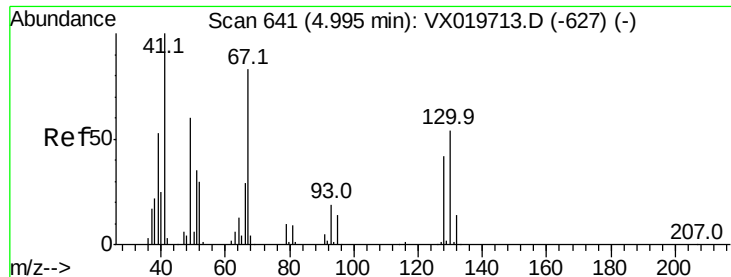
Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	58.9	88.3
98	48.2	38.1	57.1



#40
Benzene
Concen: 55.225 ug/l
RT: 6.10 min Scan# 823
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.9	28.3

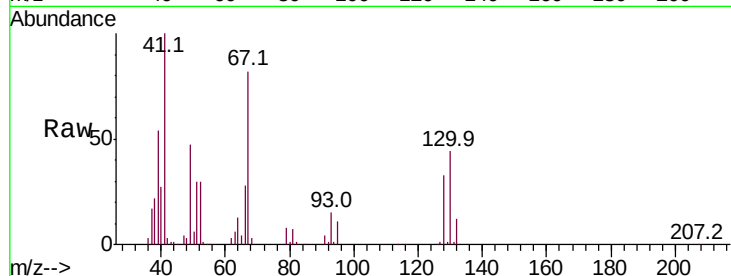




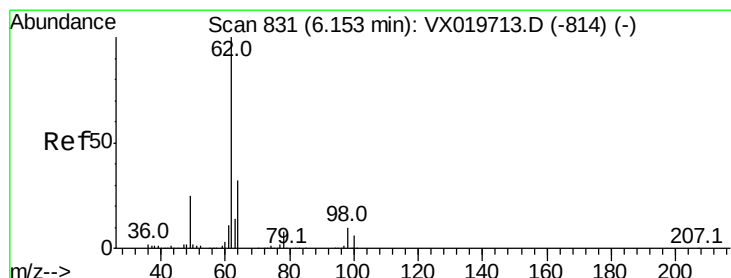
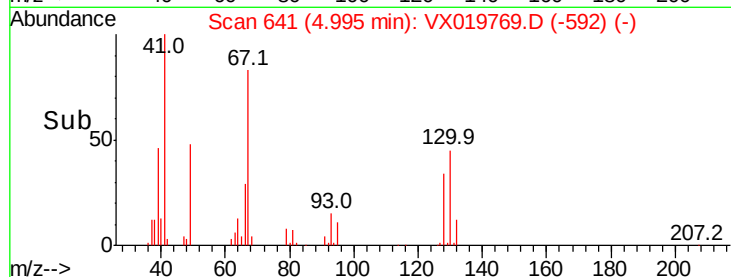
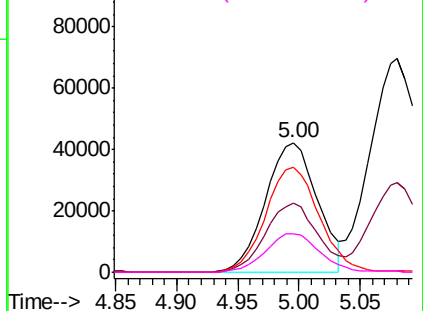
#41
Methacrylonitrile
Concen: 52.907 ug/l
RT: 5.00 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	124679
Ion	Ratio	Lower	Upper
41	100		
39	54.3	42.5	63.7
67	84.3	65.0	97.6
52	32.0	25.3	37.9

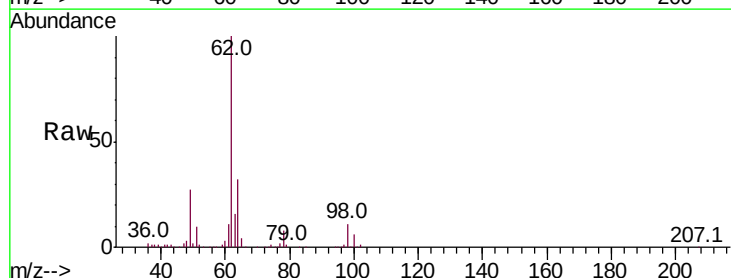


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

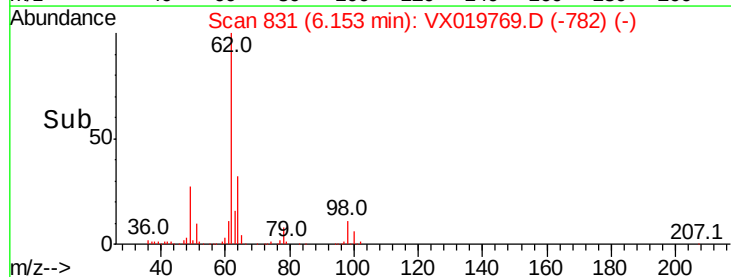
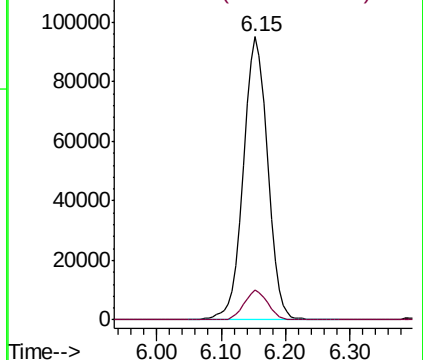


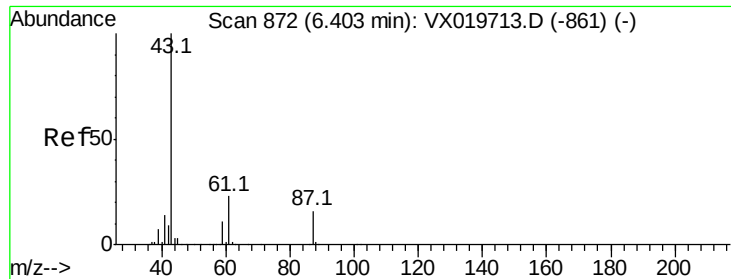
#42
1,2-Dichloroethane
Concen: 55.371 ug/l
RT: 6.15 min Scan# 831
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion:	62	Resp:	245667
Ion	Ratio	Lower	Upper
62	100		
98	10.1	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: 53.884 ug/l

RT: 6.40 min Scan# 872

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

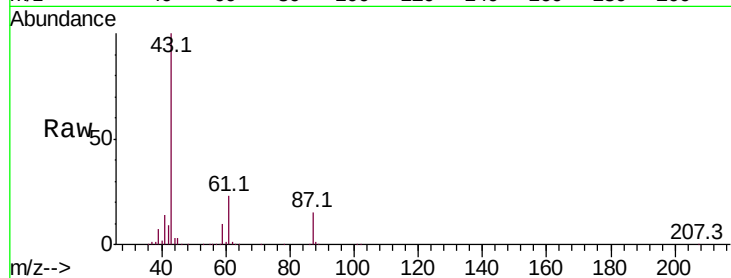
Tot Ion: 43 Resp: 376009

Ion Ratio Lower Upper

43 100

61 22.8 18.2 27.4

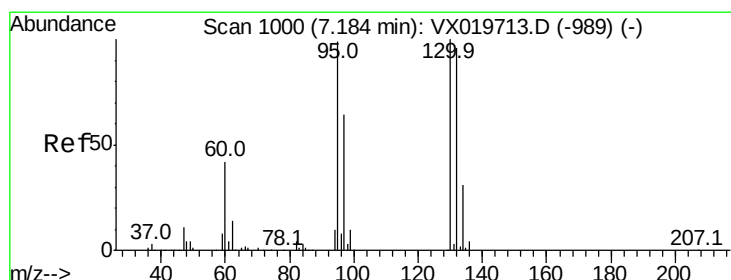
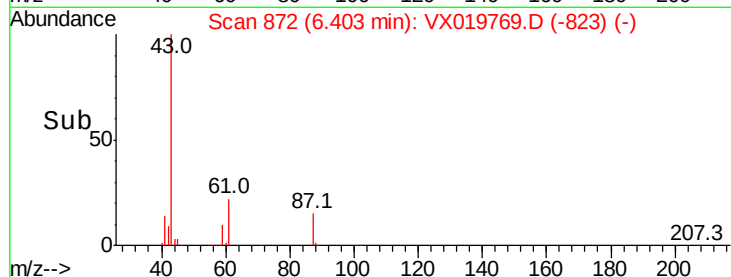
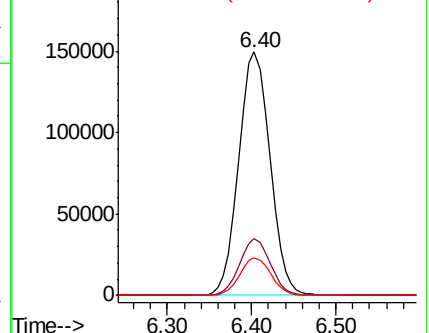
87 15.4 12.5 18.7



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: 55.840 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019769.D

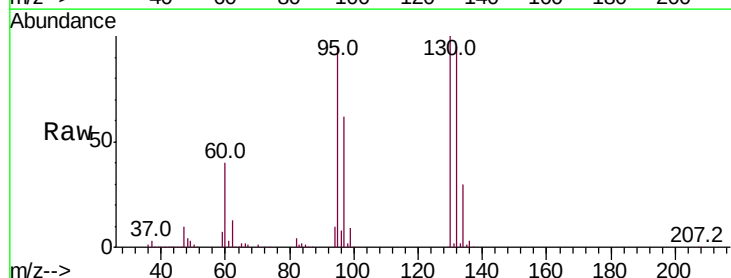
Acq: 09 Dec 2020 11:08

Tgt Ion: 130 Resp: 190255

Ion Ratio Lower Upper

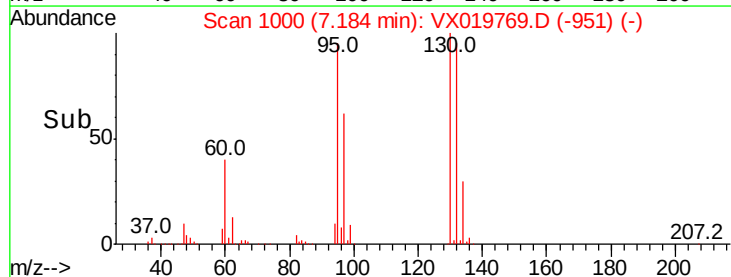
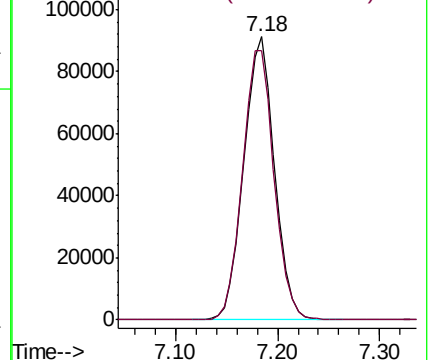
130 100

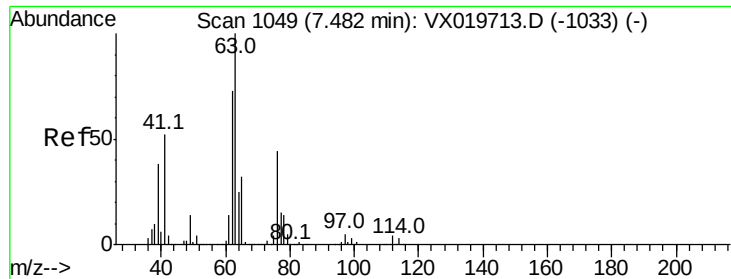
95 94.9 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 55.669 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

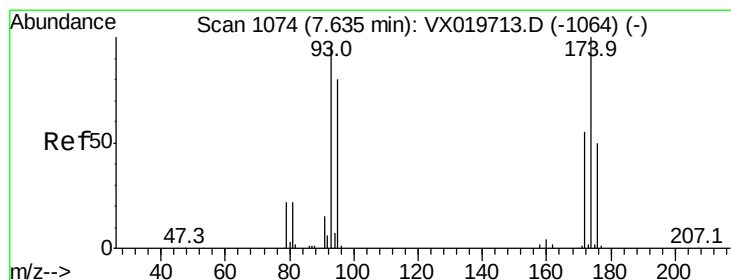
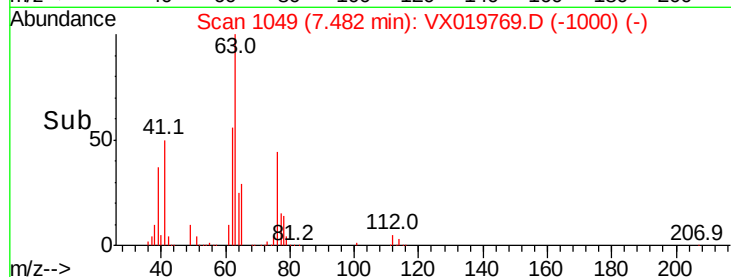
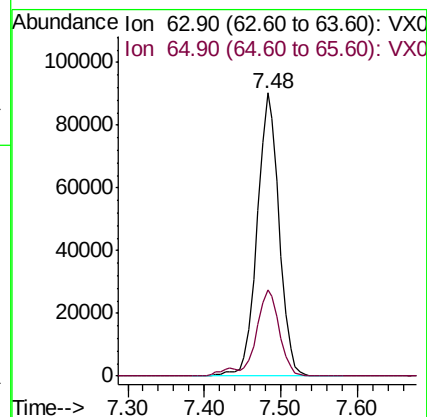
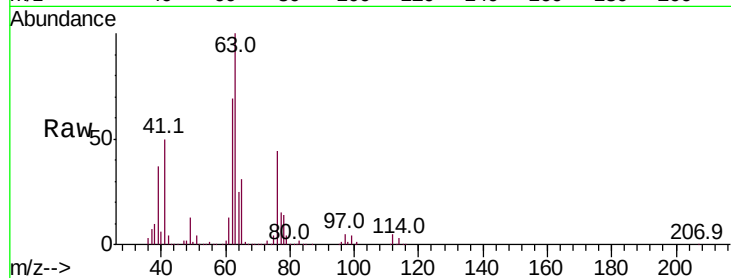
VSTDCCC050

Tot Ion: 63 Resp: 180671

Ion Ratio Lower Upper

63 100

65 30.6 25.7 38.5



#46

Dibromomethane

Concen: 55.707 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

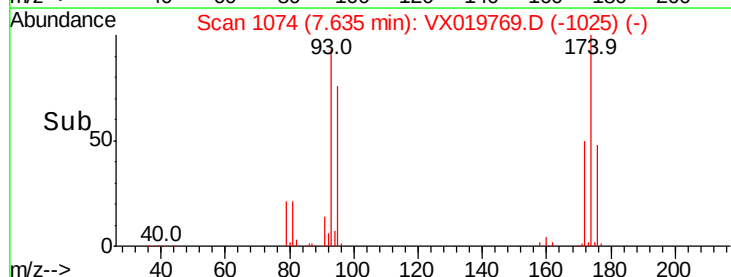
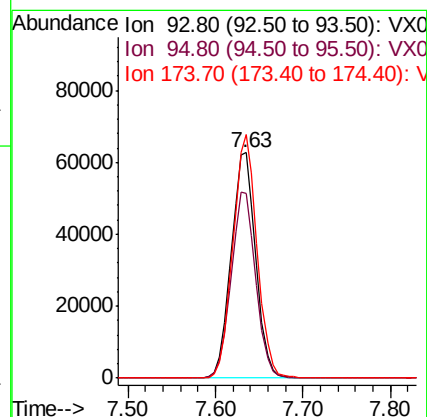
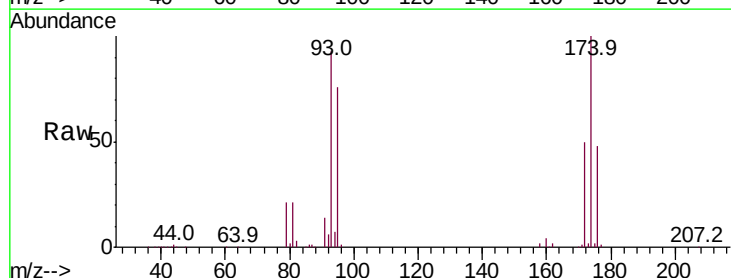
Tgt Ion: 93 Resp: 122092

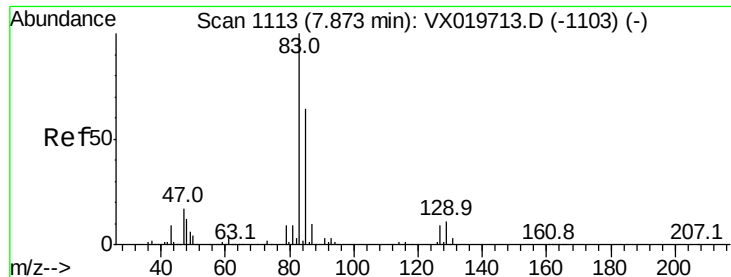
Ion Ratio Lower Upper

93 100

95 82.9 66.8 100.2

174 106.4 83.1 124.7





#47

Bromodichloromethane

Concen: 57.362 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

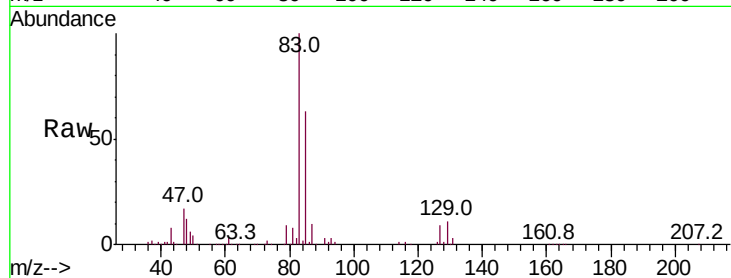
Tot Ion: 83 Resp: 249469

Ion Ratio Lower Upper

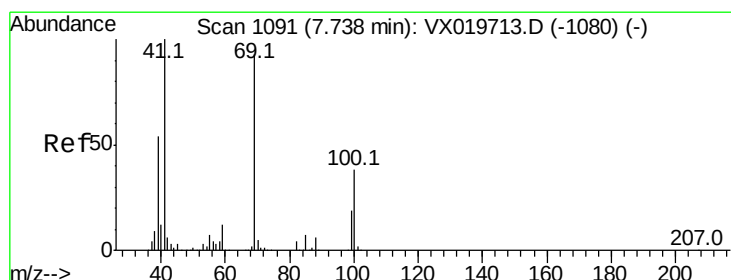
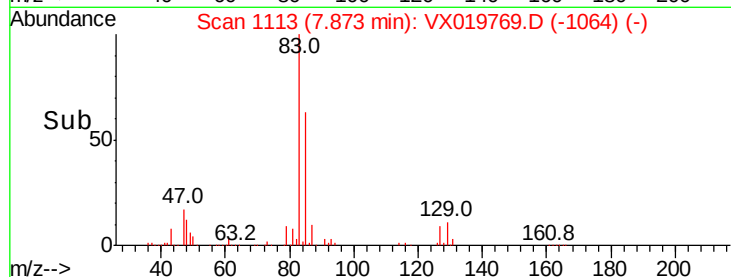
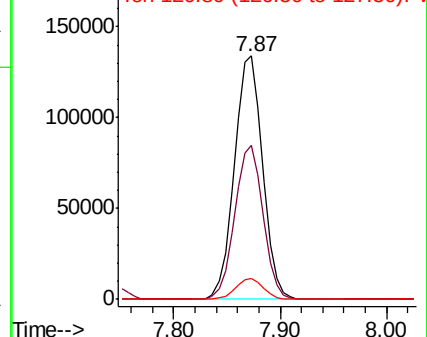
83 100

85 63.3 51.4 77.0

127 8.5 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: 54.323 ug/l

RT: 7.74 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

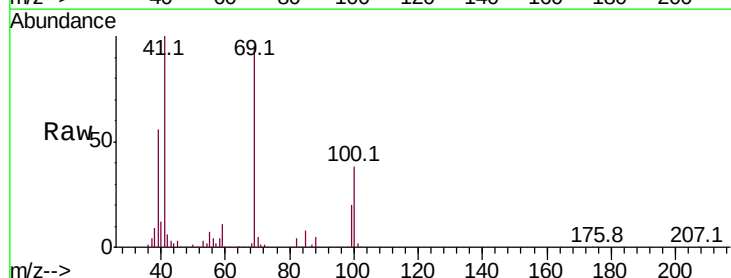
Tgt Ion: 41 Resp: 186434

Ion Ratio Lower Upper

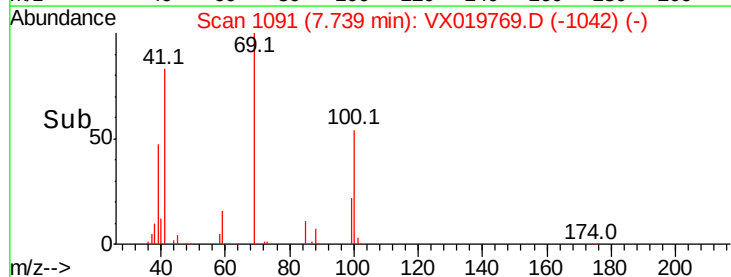
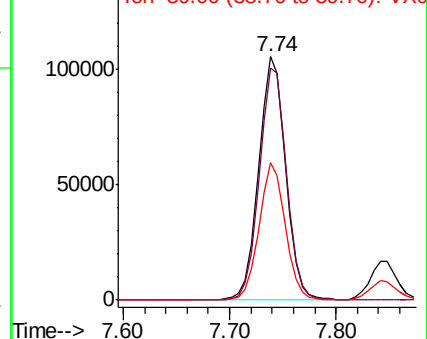
41 100

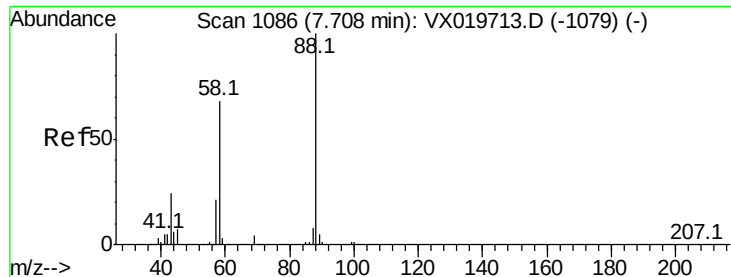
69 96.2 76.0 114.0

39 55.1 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

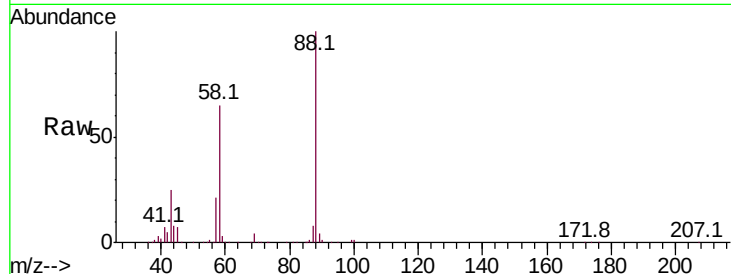




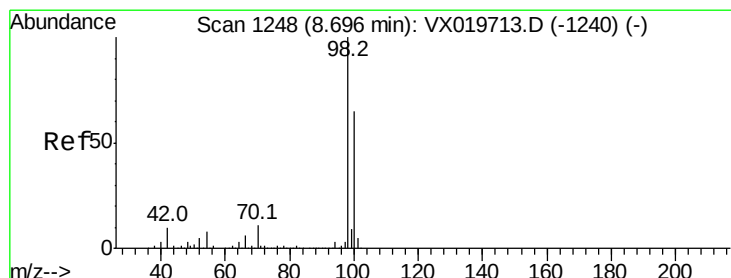
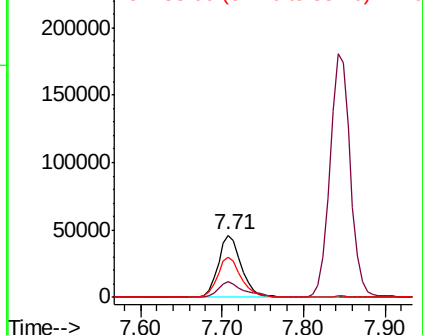
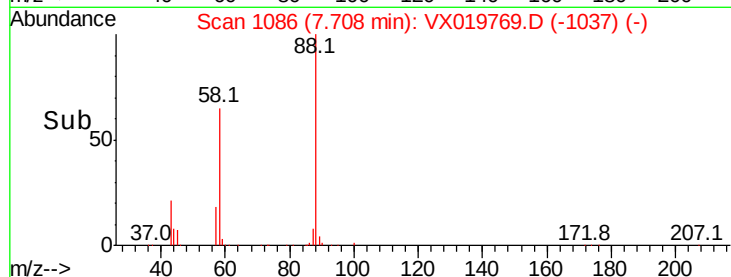
#49
1,4-Dioxane
Concen: 1092.475 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 90825
Ion Ratio Lower Upper
88 100
43 28.3 23.2 34.8
58 67.2 55.0 82.4

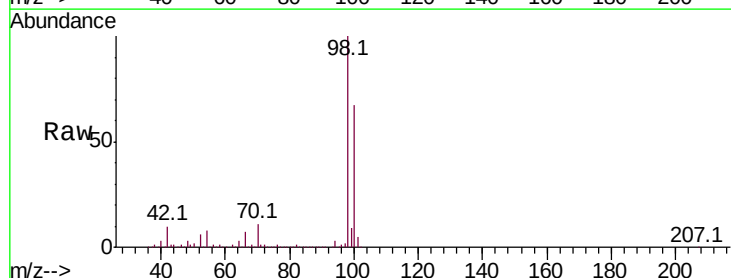


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

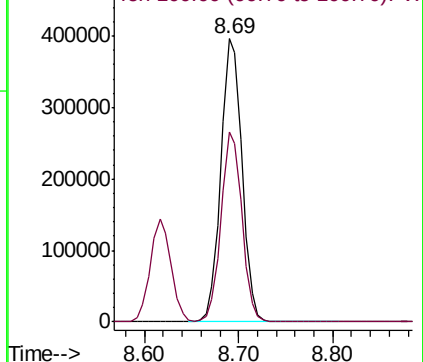
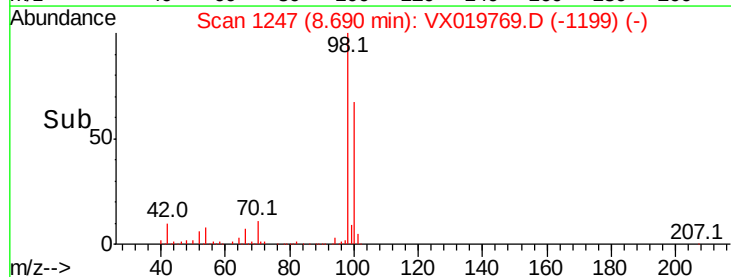


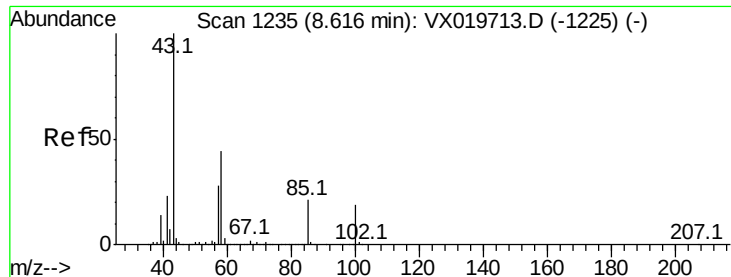
#50
Toluene-d8
Concen: 52.958 ug/l
RT: 8.69 min Scan# 1247
Delta R.T. -0.01 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion: 98 Resp: 614700
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



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

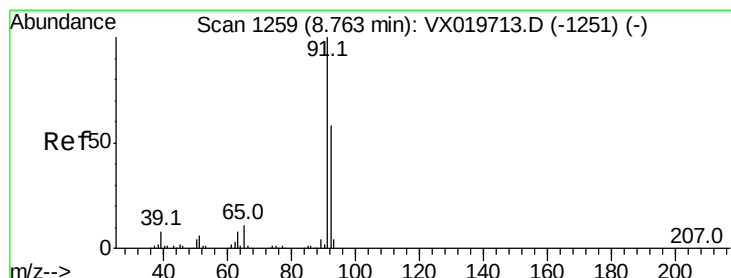
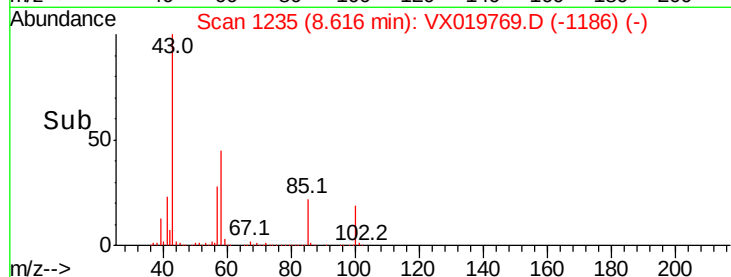
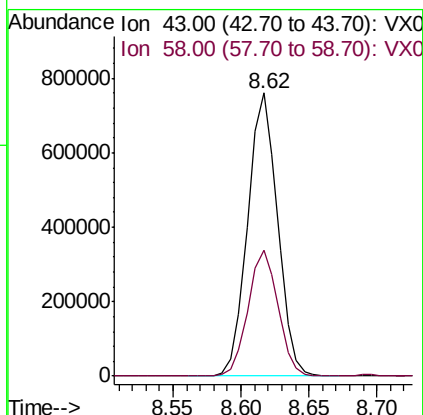
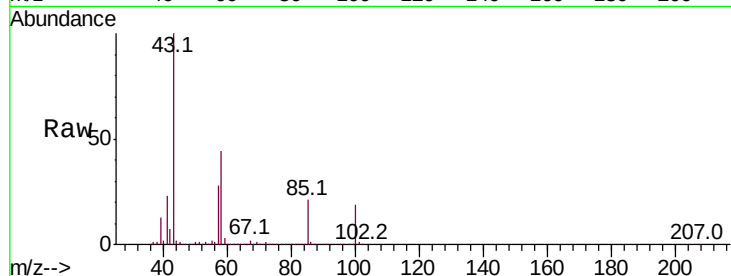




#51
4-Methyl-2-Pentanone
Concen: 272.891 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

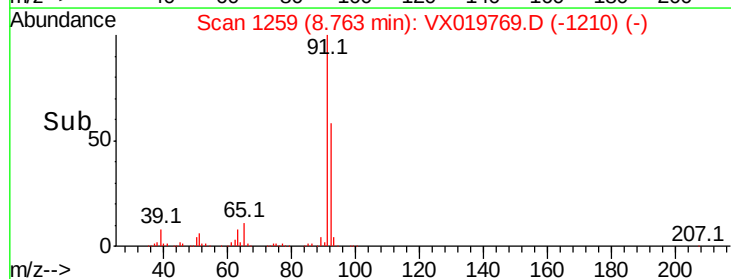
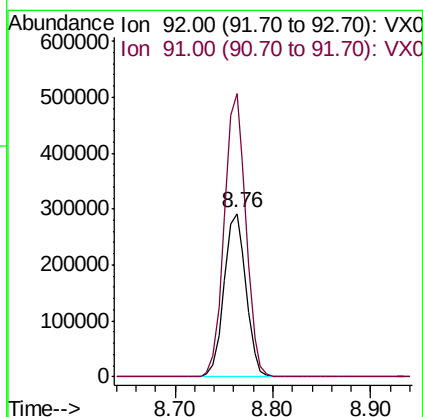
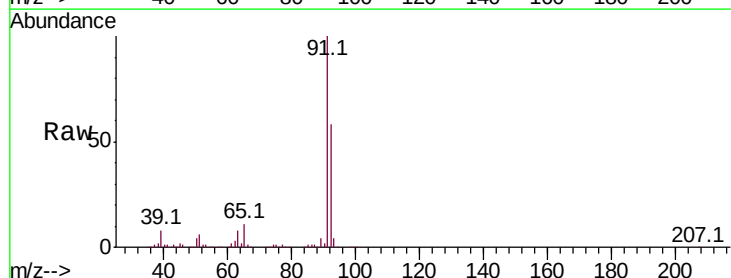
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

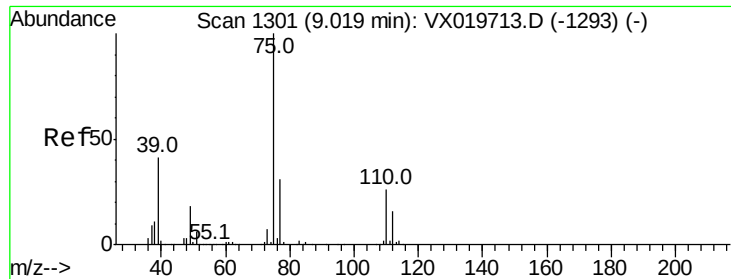
Tot Ion: 43 Resp: 1162614
Ion Ratio Lower Upper
43 100
58 44.4 35.4 53.0



#52
Toluene
Concen: 55.770 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion: 92 Resp: 452947
Ion Ratio Lower Upper
92 100
91 170.6 137.1 205.7

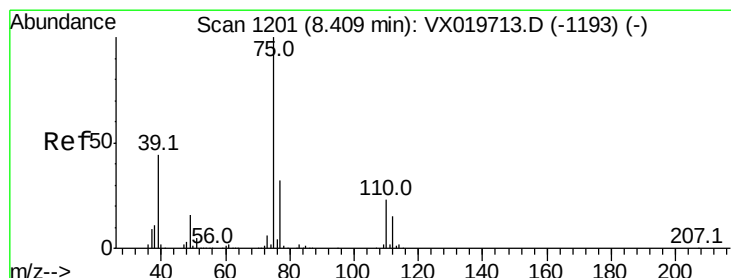
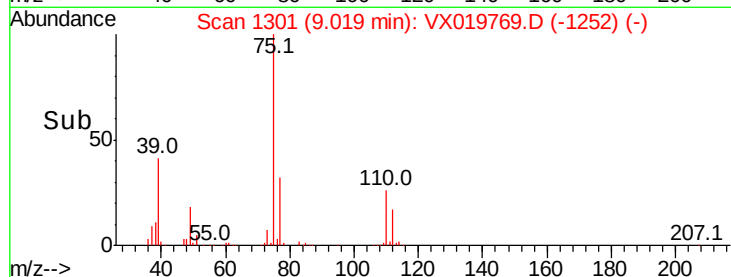
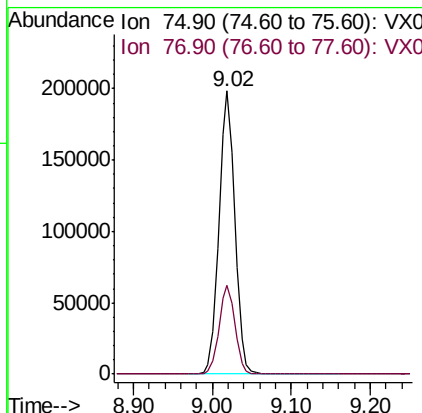
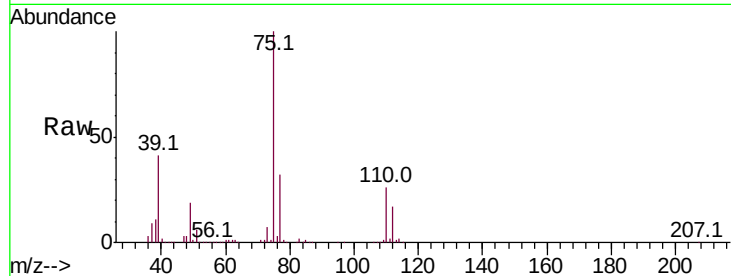




#53
 t-1,3-Dichloropropene
 Concen: 57.664 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

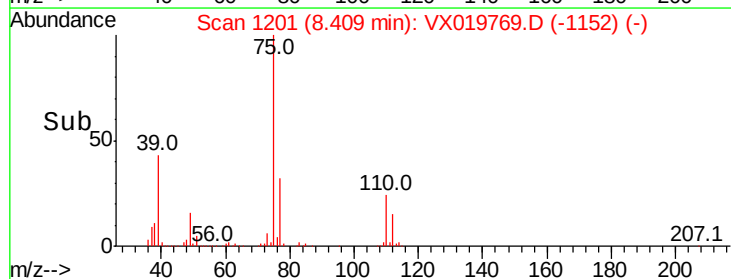
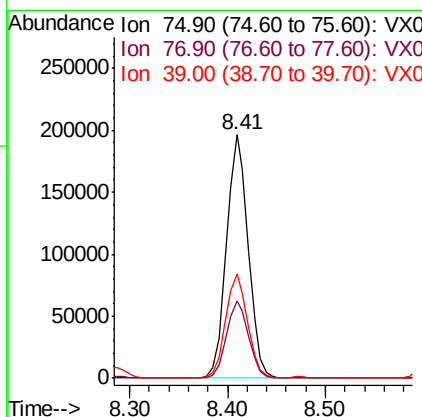
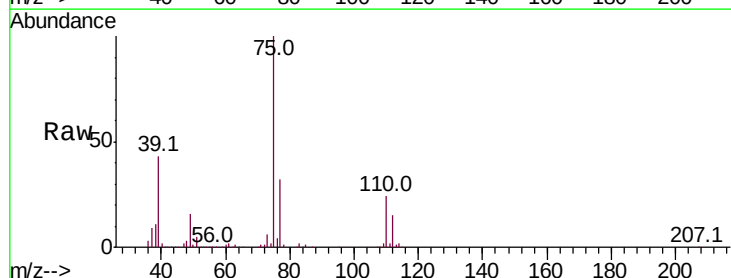
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

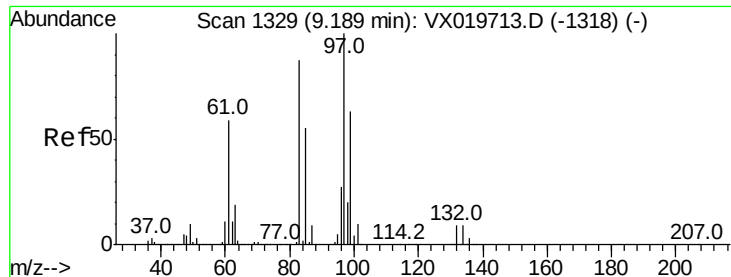
Tot Ion: 75 Resp: 278293
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 57.454 ug/l
 RT: 8.41 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Tgt Ion: 75 Resp: 301239
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.7 38.5
 39 42.9 35.1 52.7

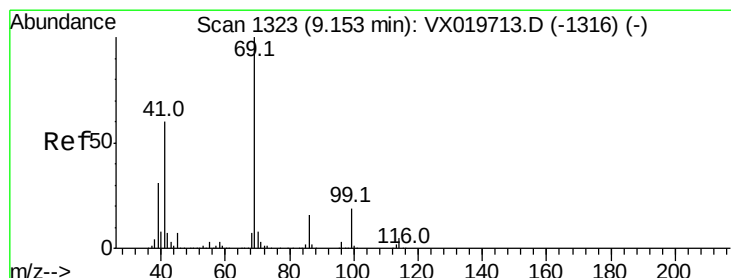
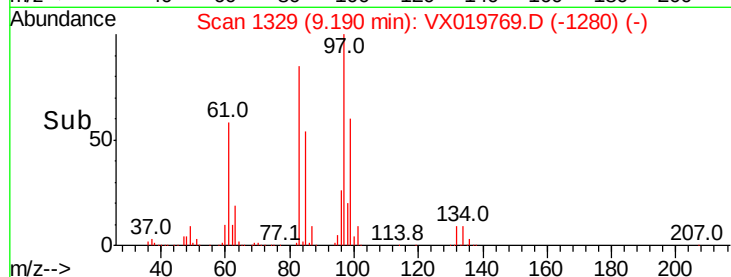
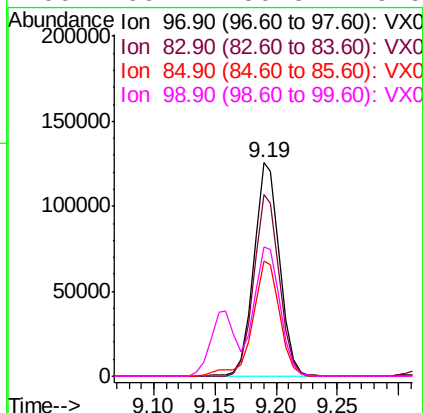
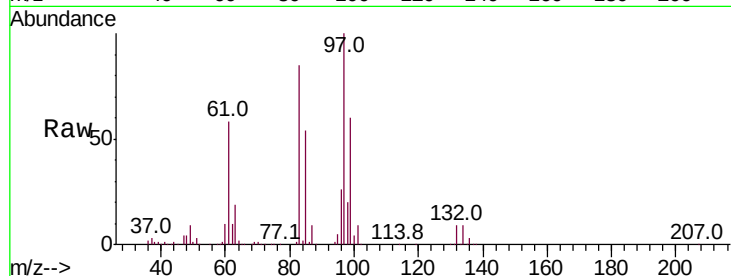




#55
 1,1,2-Trichloroethane
 Concen: 56.417 ug/l
 RT: 9.19 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

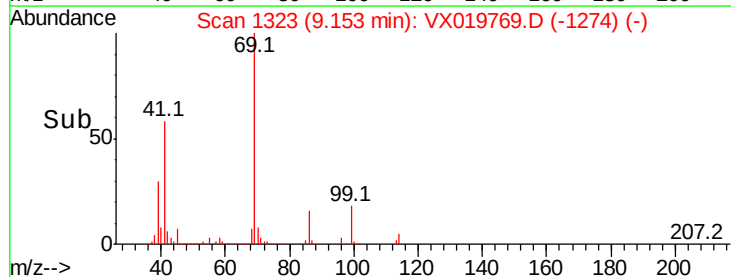
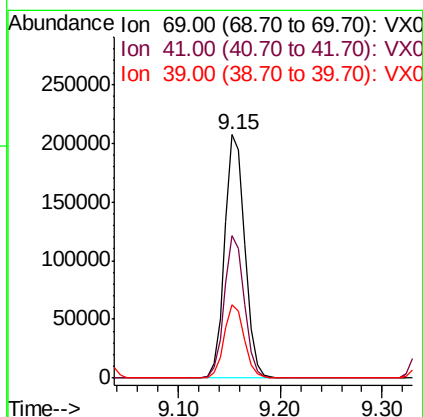
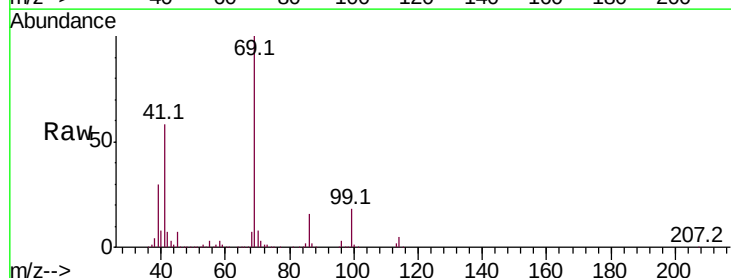
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

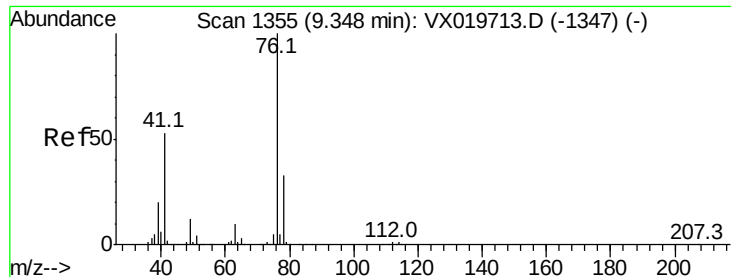
Tot Ion:	97	Resp:	184650
Ion	Ratio	Lower	Upper
97	100		
83	84.9	69.3	103.9
85	54.1	44.3	66.5
99	60.2	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 57.136 ug/l
 RT: 9.15 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Tgt Ion:	69	Resp:	282929
Ion	Ratio	Lower	Upper
69	100		
41	57.9	46.8	70.2
39	30.4	24.7	37.1





#57

1,3-Dichloropropane

Concen: 55.112 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

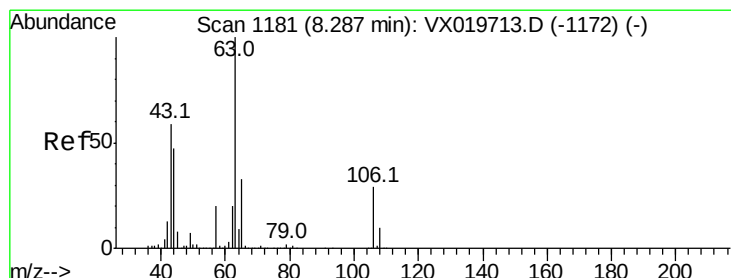
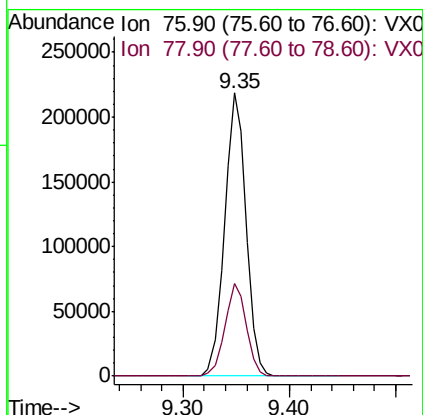
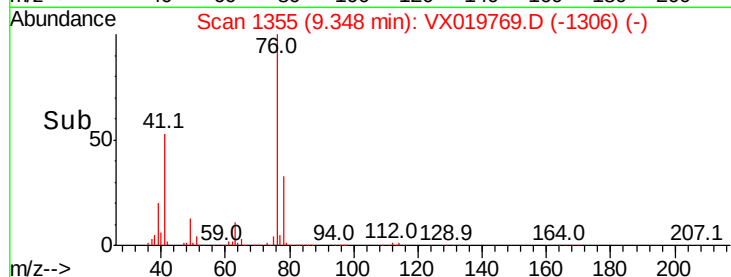
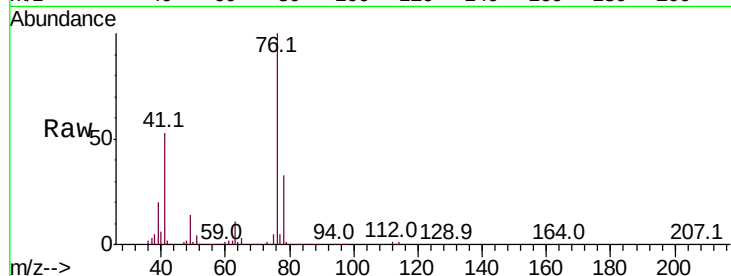
VSTDCCC050

Tot Ion: 76 Resp: 308000

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 298.379 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019769.D

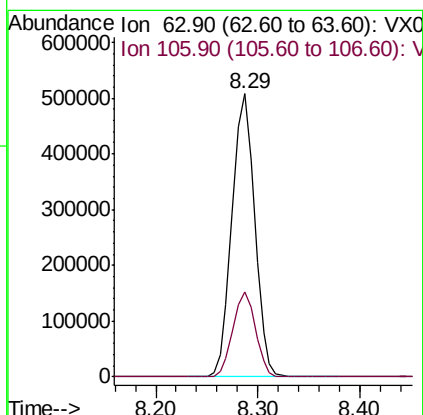
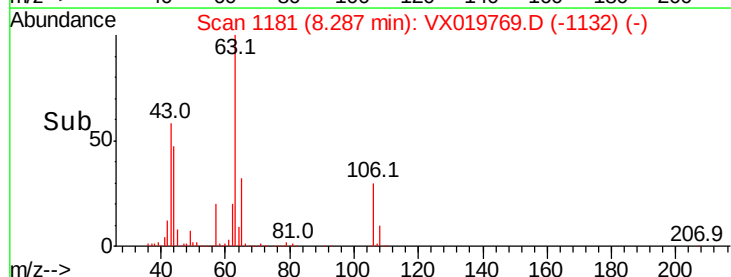
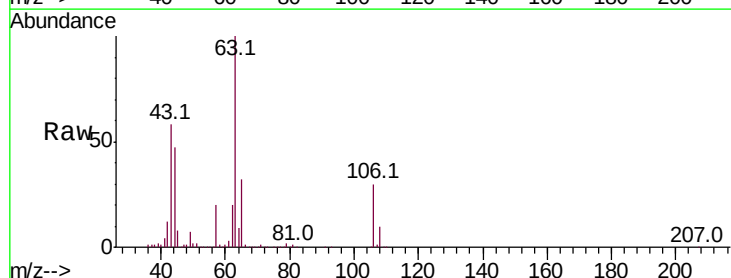
Acq: 09 Dec 2020 11:08

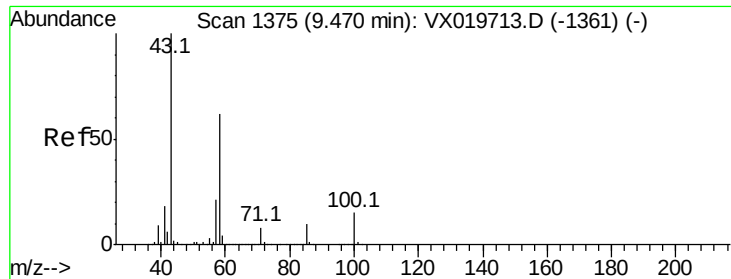
Tgt Ion: 63 Resp: 782735

Ion Ratio Lower Upper

63 100

106 29.8 23.5 35.3

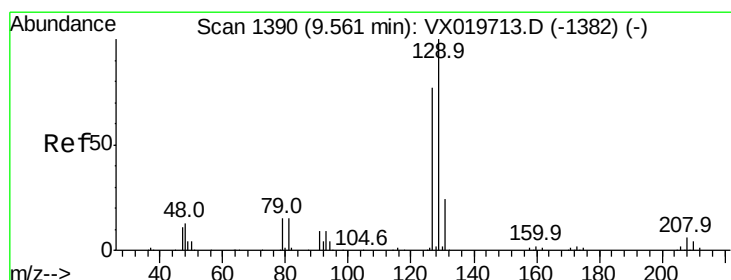
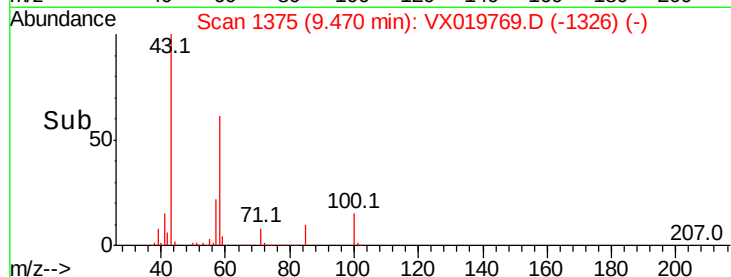
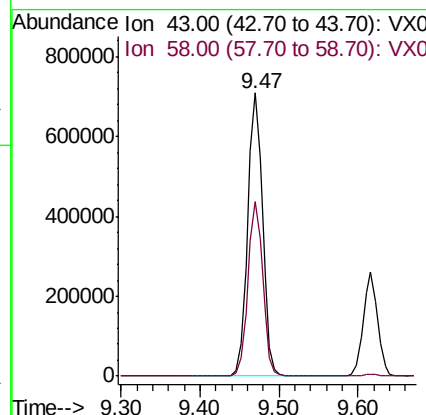
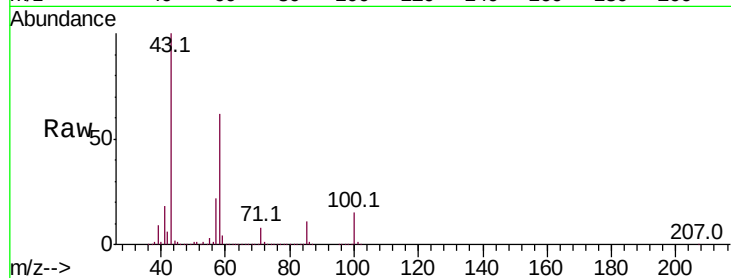




#59
2-Hexanone
Concen: 281.833 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

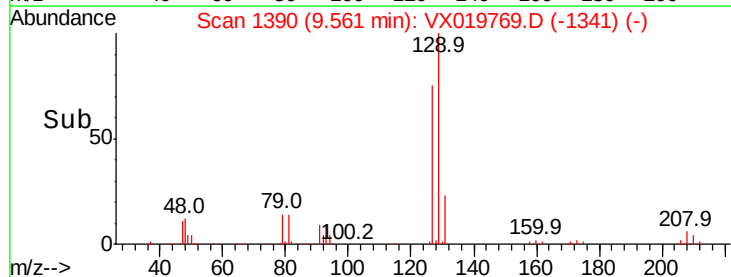
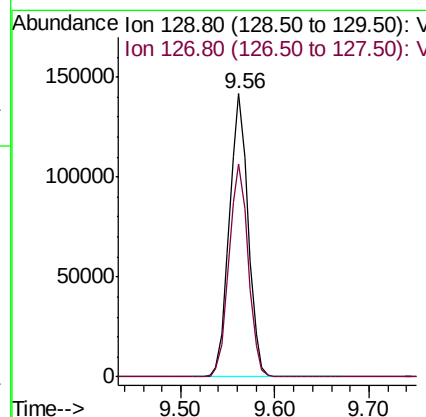
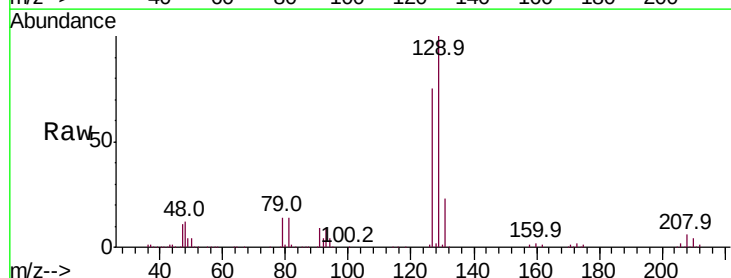
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

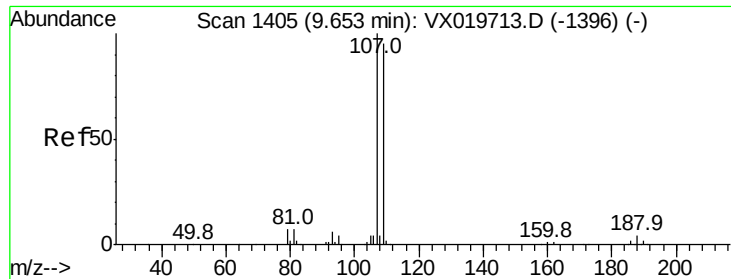
Tot Ion: 43 Resp: 930712
Ion Ratio Lower Upper
43 100
58 61.4 30.9 92.8



#60
Dibromochloromethane
Concen: 59.092 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion: 129 Resp: 196498
Ion Ratio Lower Upper
129 100
127 76.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 55.210 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

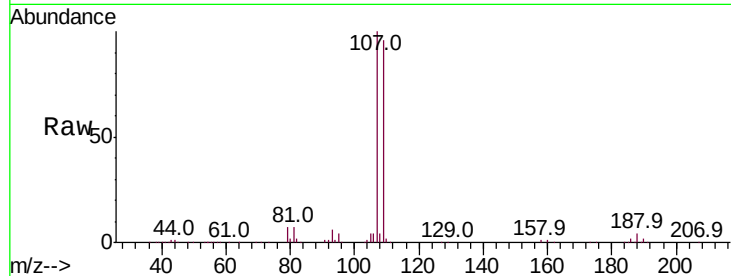
VSTDCCC050

Tot Ion:107 Resp: 191879

Ion Ratio Lower Upper

107 100

109 96.3 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

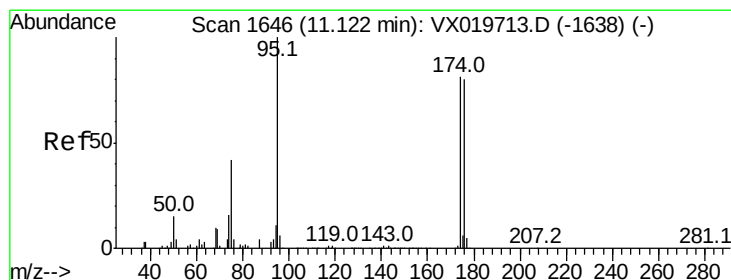
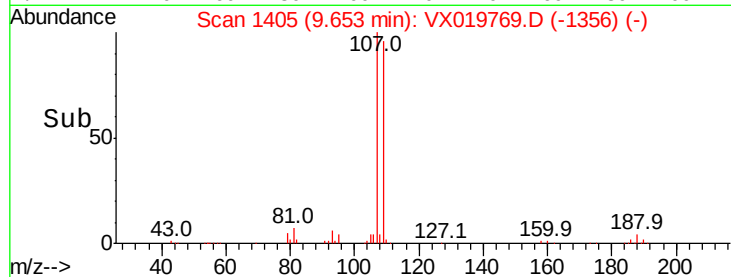
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.031 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.01 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

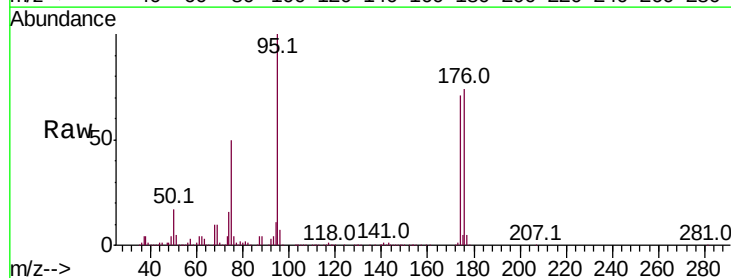
Tgt Ion: 95 Resp: 238705

Ion Ratio Lower Upper

95 100

174 78.9 0.0 154.6

176 77.9 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

250000

200000

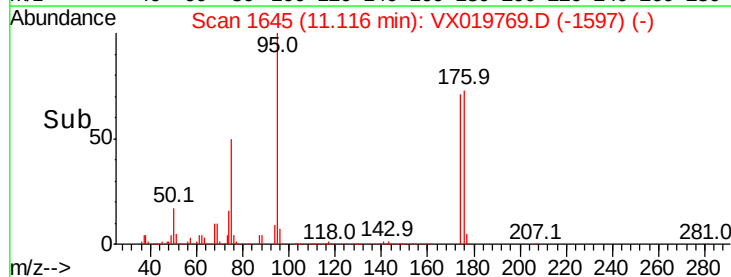
150000

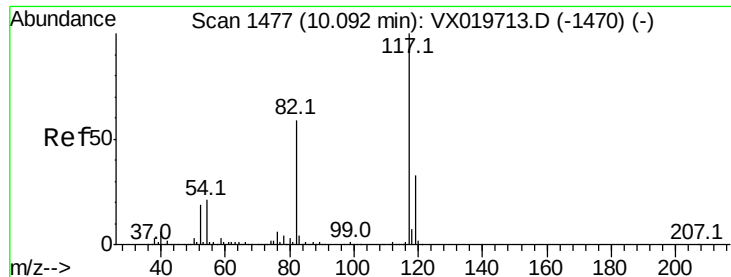
100000

50000

0

Time-->

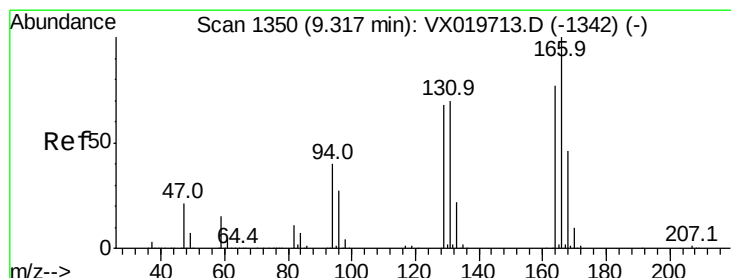
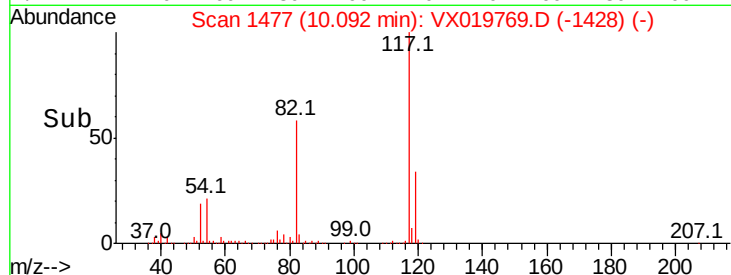
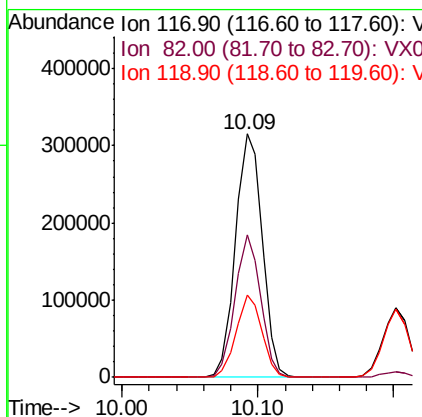
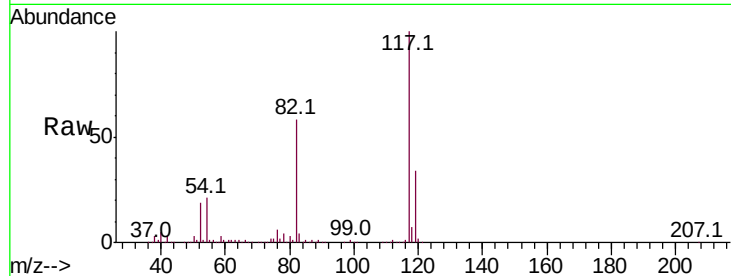




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

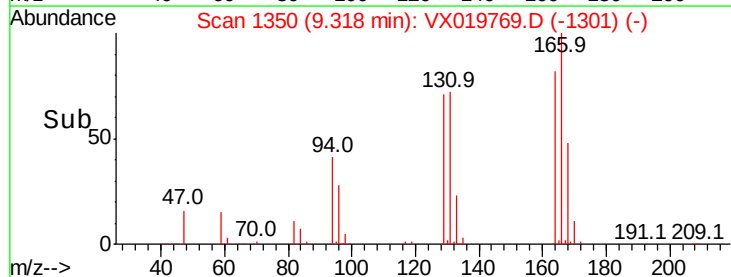
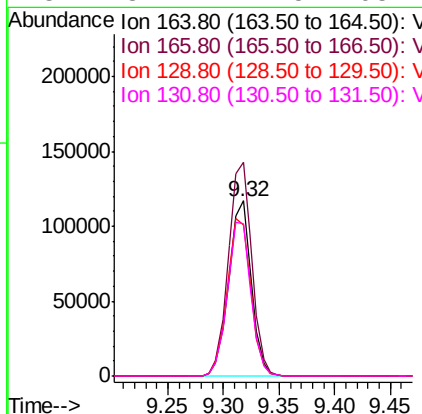
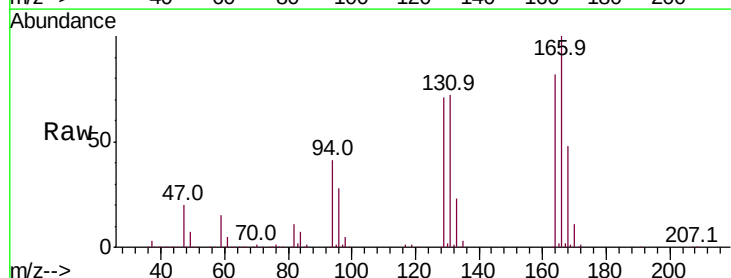
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

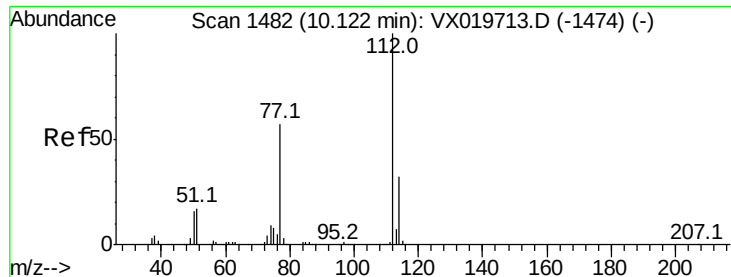
Tot Ion:117 Resp: 431940
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 33.6 26.6 39.8



#64
Tetrachloroethene
Concen: 56.566 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion:164 Resp: 163853
Ion Ratio Lower Upper
164 100
166 122.2 103.4 155.2
129 86.6 70.8 106.2
131 87.4 72.5 108.7

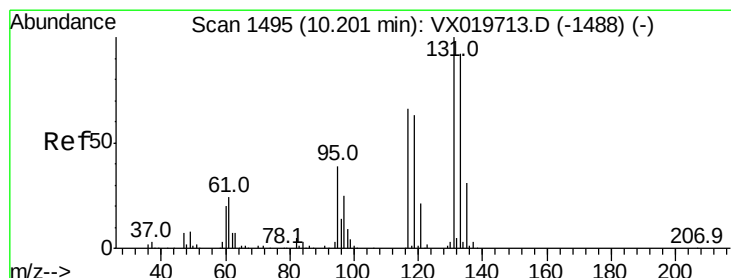
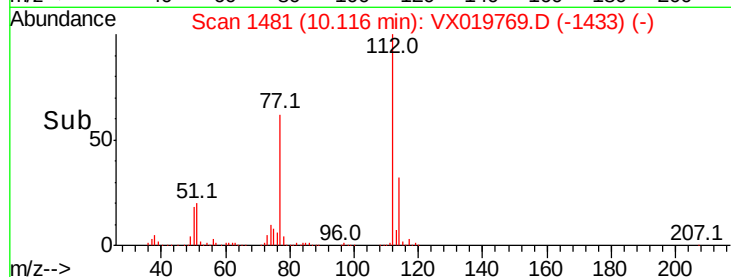
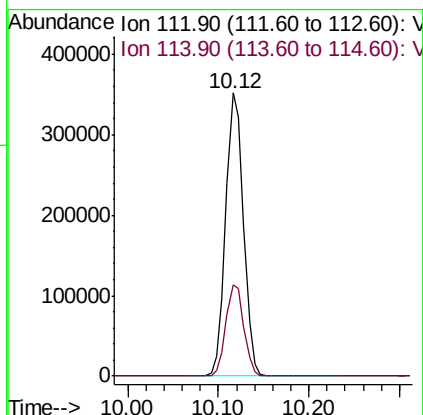
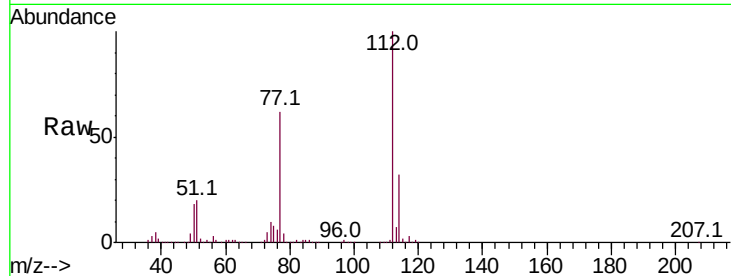




#65
Chlorobenzene
Concen: 55.828 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

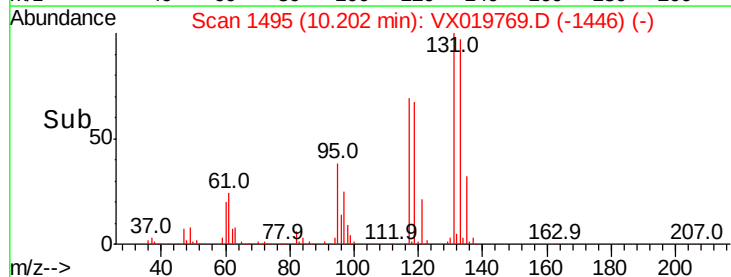
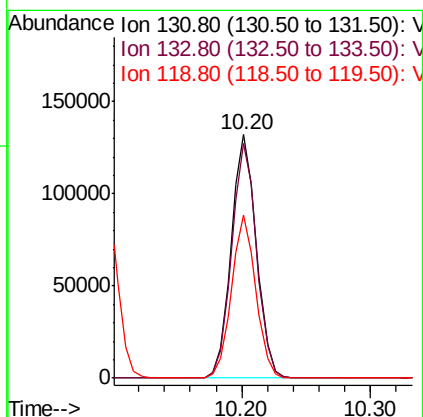
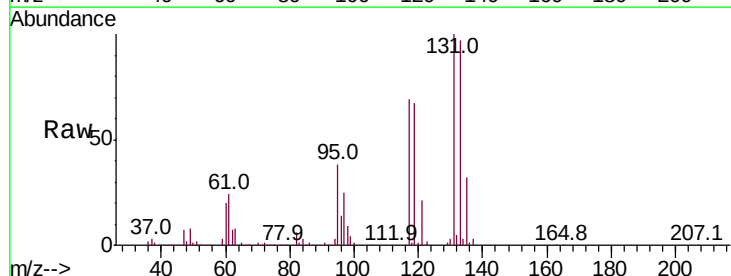
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

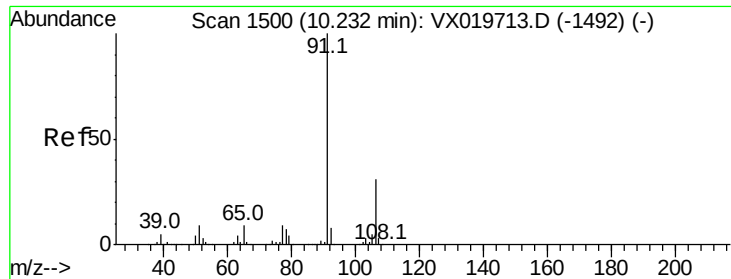
Tot Ion:112 Resp: 480422
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 57.934 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion:131 Resp: 179441
Ion Ratio Lower Upper
131 100
133 95.9 47.7 143.1
119 64.9 32.1 96.5





#67

Ethyl Benzene

Concen: 56.929 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampled :

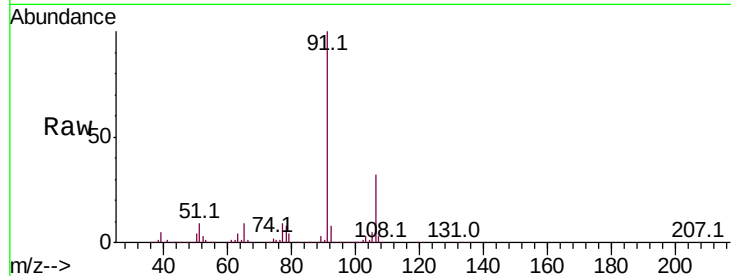
VSTDCCC050

Tot Ion: 91 Resp: 869594

Ion Ratio Lower Upper

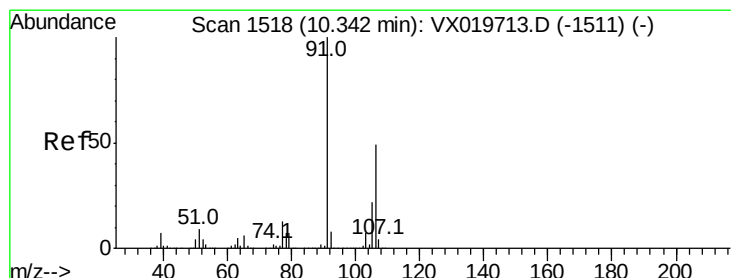
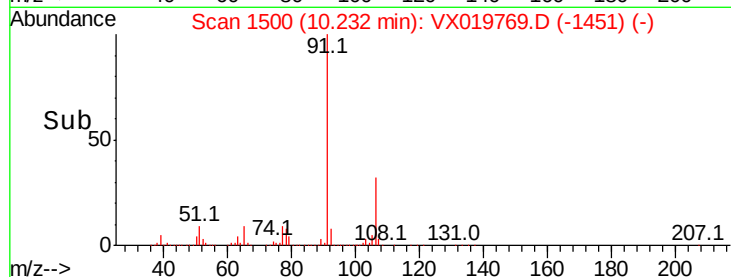
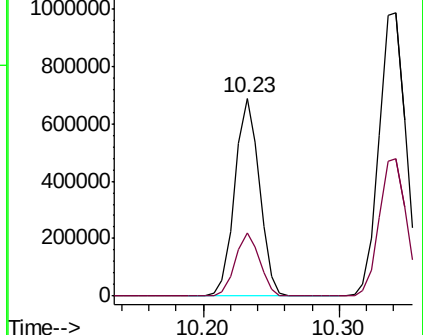
91 100

106 31.8 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX019713.D (-1492) (-)

Ion 106.00 (105.70 to 106.70): VX019713.D (-1492) (-)



#68

m/p-Xylenes

Concen: 114.826 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019769.D

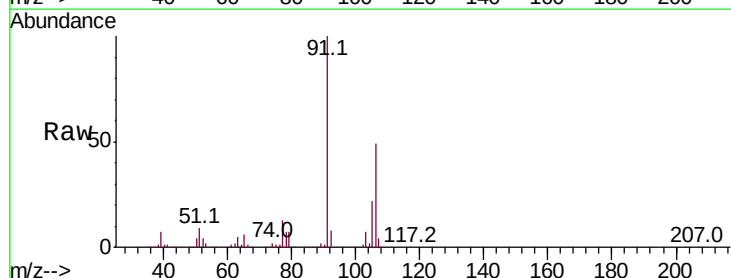
Acq: 09 Dec 2020 11:08

Tgt Ion: 106 Resp: 660922

Ion Ratio Lower Upper

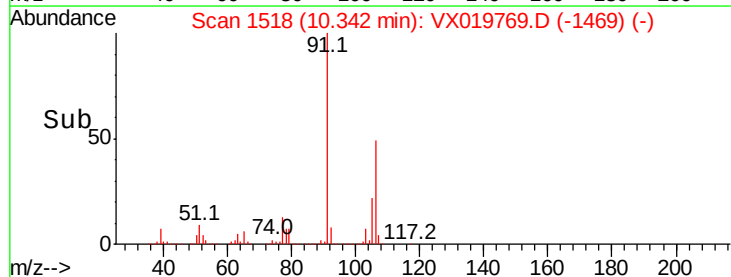
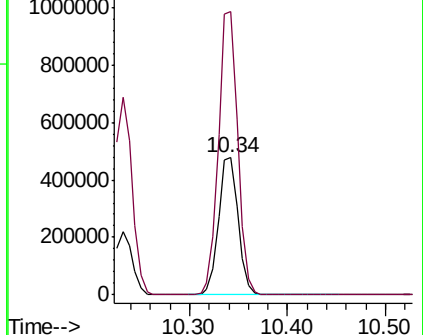
106 100

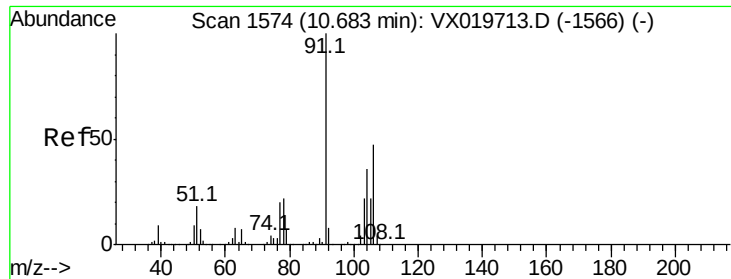
91 204.5 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): VX019713.D (-1511) (-)

Ion 91.00 (90.70 to 91.70): VX019713.D (-1511) (-)

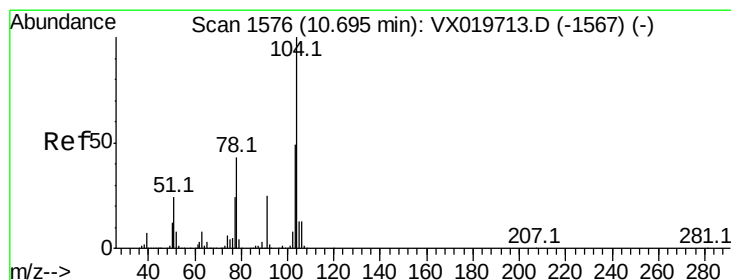
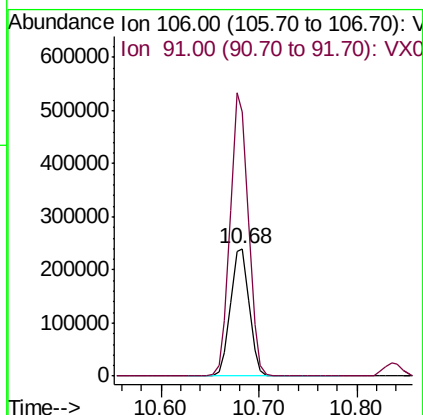
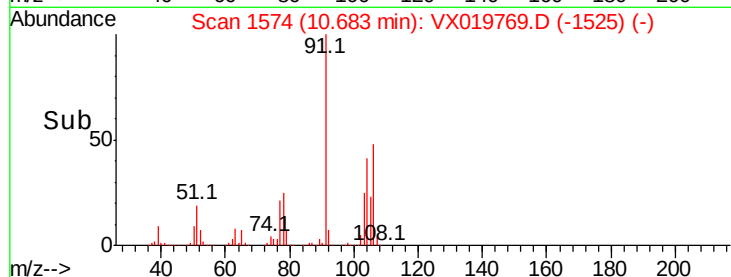
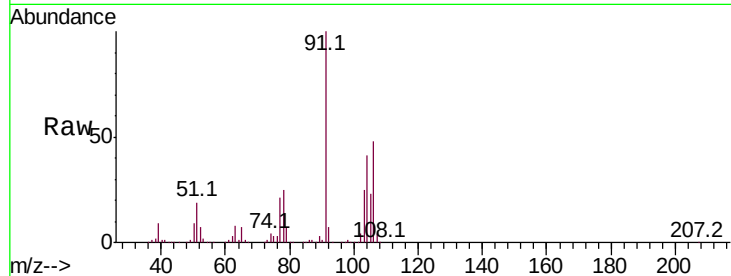




#69
o-Xylene
Concen: 57.803 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

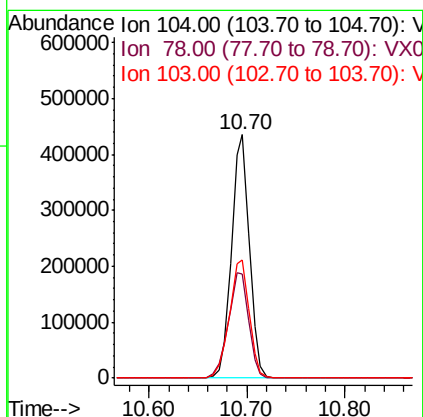
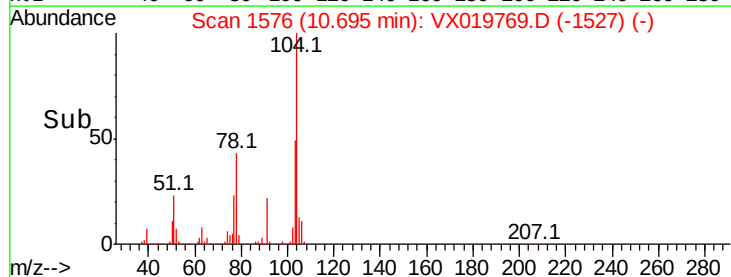
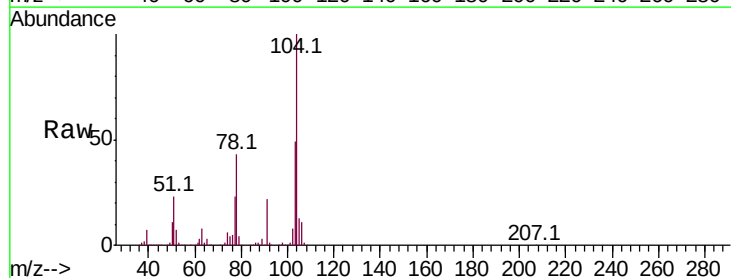
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

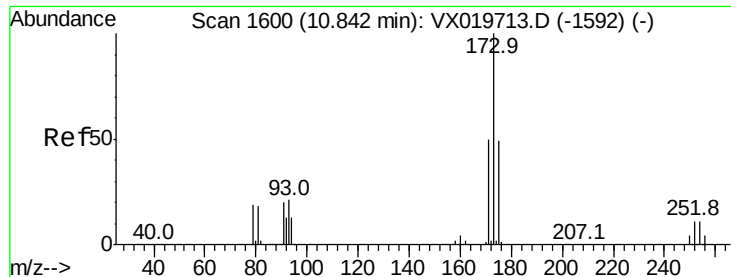
Tot Ion:106 Resp: 320043
Ion Ratio Lower Upper
106 100
91 215.5 108.1 324.2



#70
Styrene
Concen: 58.923 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion:104 Resp: 550667
Ion Ratio Lower Upper
104 100
78 49.4 40.0 60.0
103 54.1 43.4 65.0





#71

Bromoform

Concen: 59.840 ug/l

RT: 10.84 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

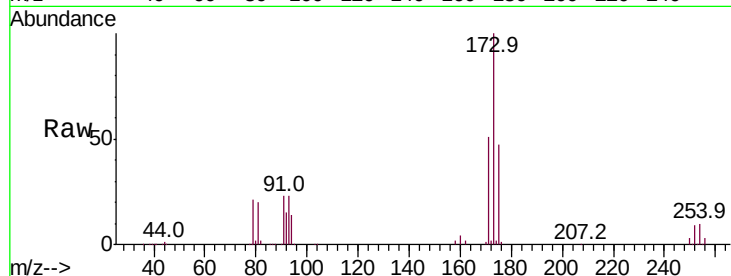
Tot Ion:173 Resp: 145807

Ion Ratio Lower Upper

173 100

175 48.7 23.9 71.8

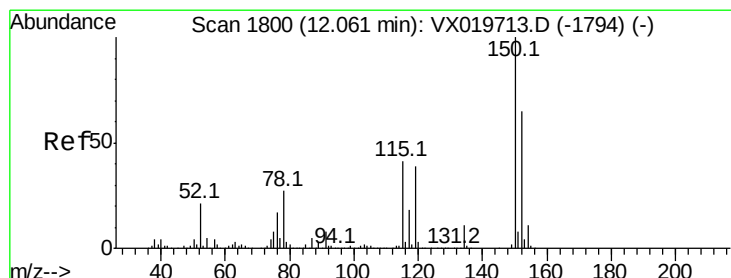
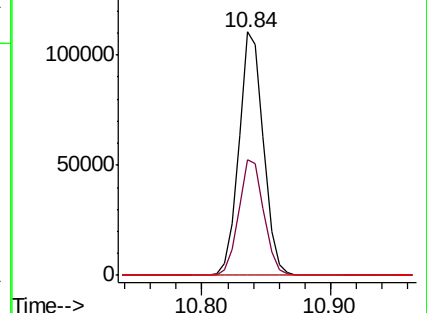
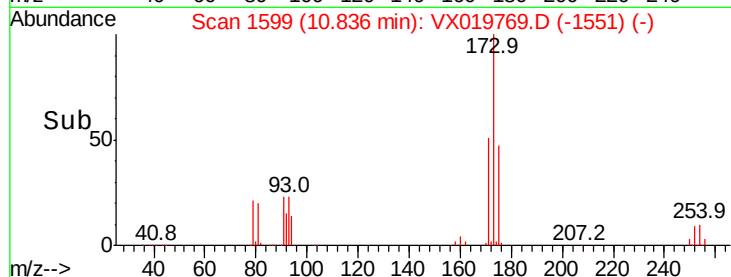
254 0.1 0.1 0.1#



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: VX019769.D

Acq: 09 Dec 2020 11:08

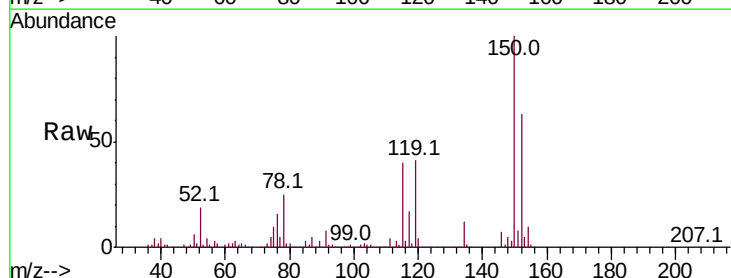
Tgt Ion:152 Resp: 225707

Ion Ratio Lower Upper

152 100

115 83.7 41.1 123.3

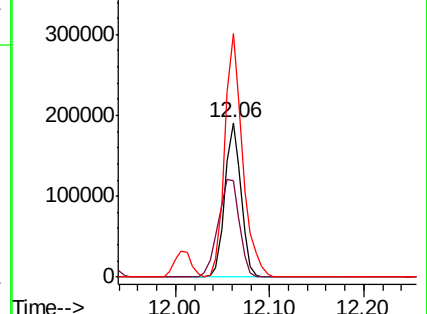
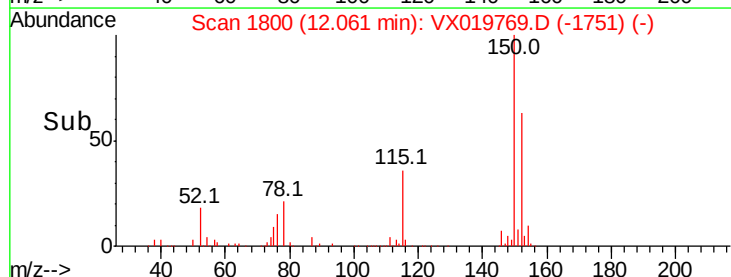
150 174.5 0.0 349.0

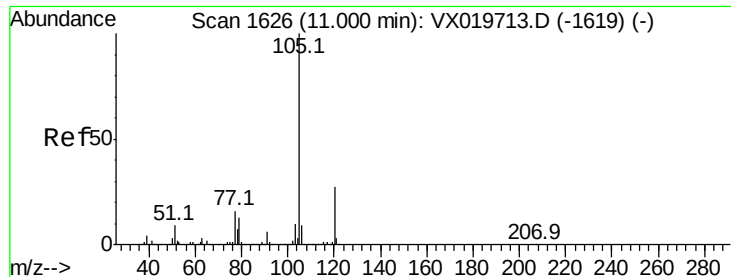


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.891 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

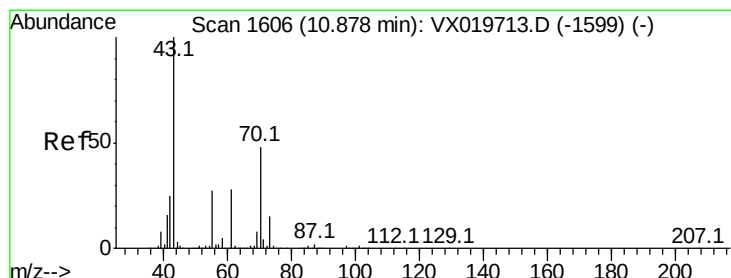
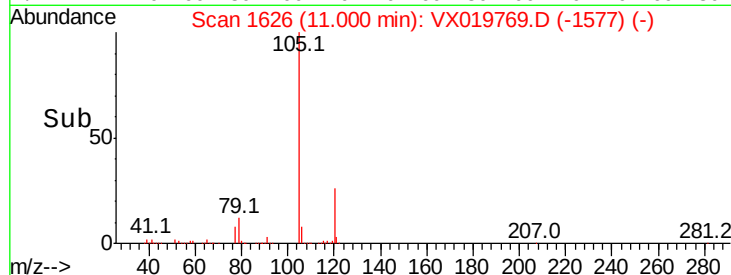
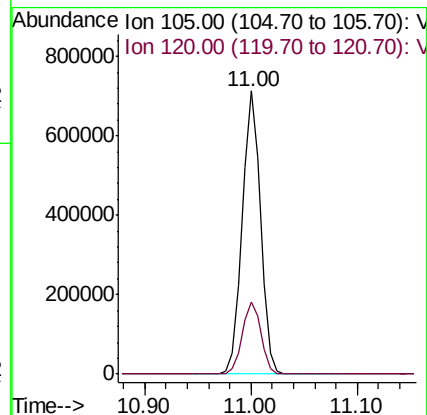
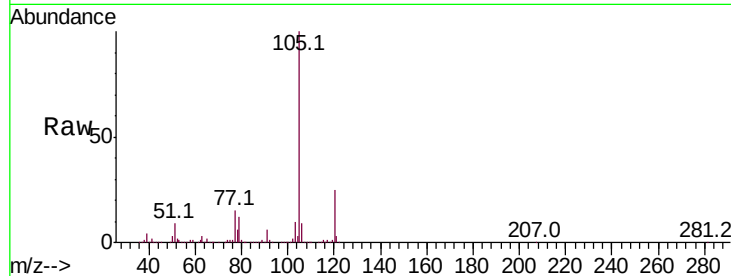
VSTDCCC050

Tot Ion:105 Resp: 861853

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.6



#74

N-ethyl acetate

Concen: 53.858 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Tgt Ion: 43 Resp: 332820

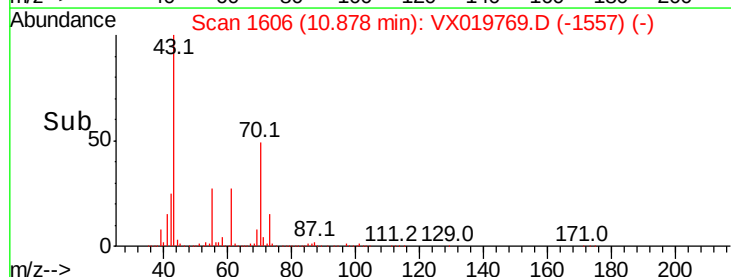
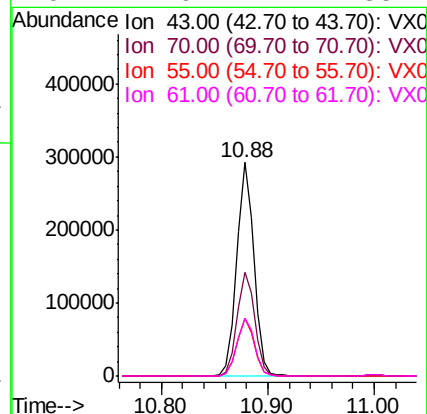
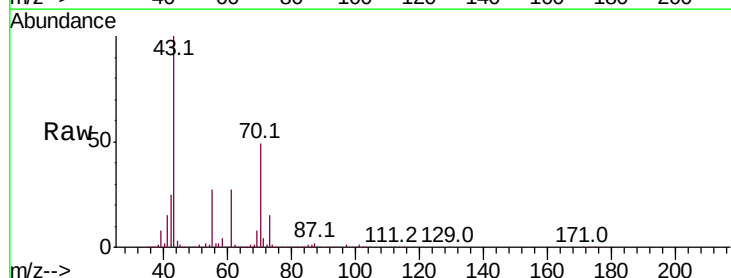
Ion Ratio Lower Upper

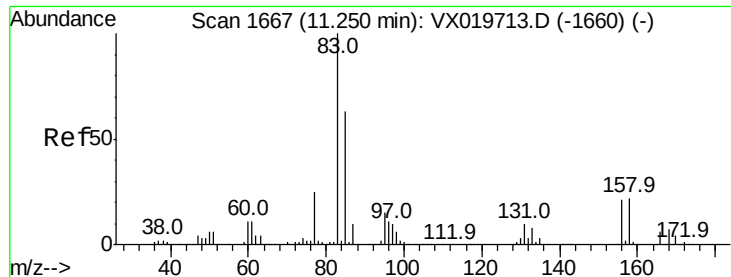
43 100

70 50.3 39.0 58.6

55 27.3 21.5 32.3

61 27.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 53.000 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

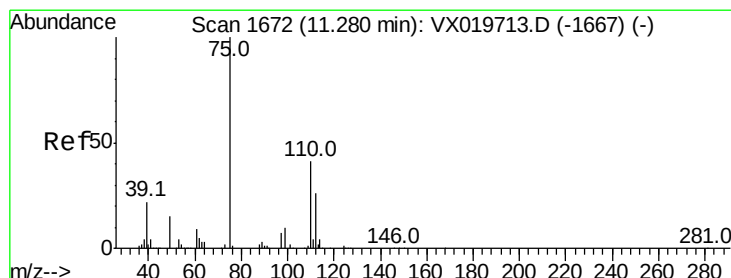
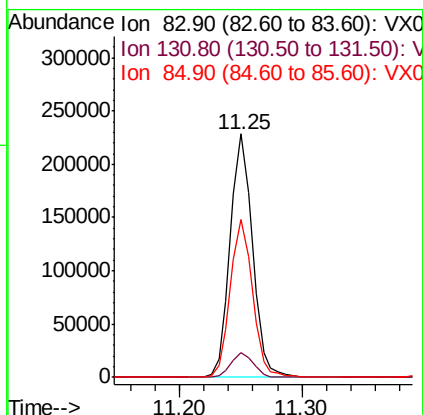
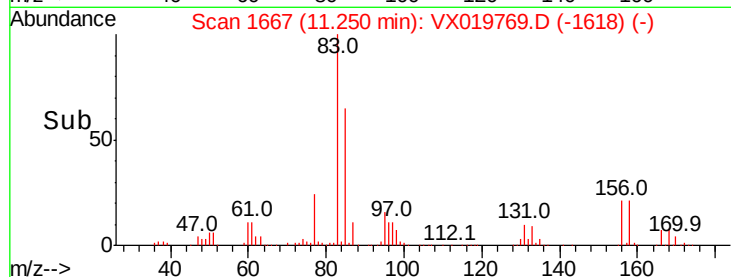
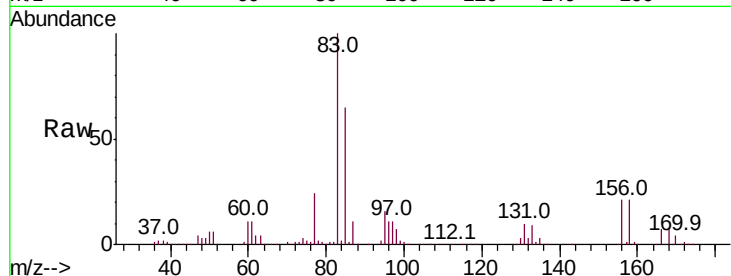
Tot Ion: 83 Resp: 288137

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.2

85 65.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 67.129 ug/l

RT: 11.27 min Scan# 1671

Delta R.T. -0.01 min

Lab File: VX019769.D

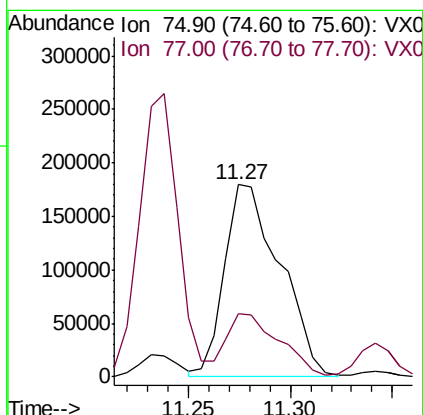
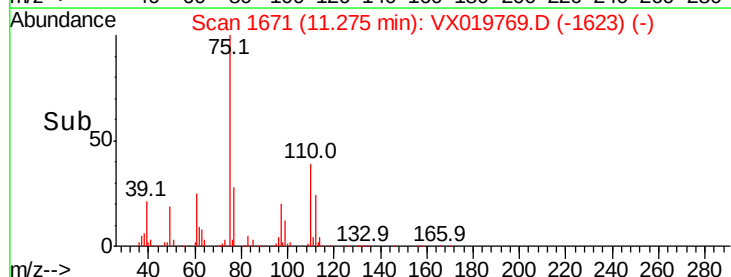
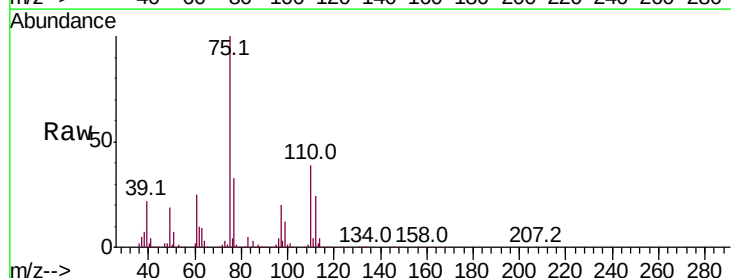
Acq: 09 Dec 2020 11:08

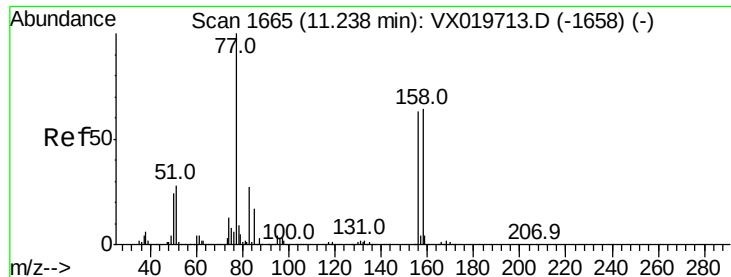
Tgt Ion: 75 Resp: 339823

Ion Ratio Lower Upper

75 100

77 30.8 19.1 57.5





#77

Bromobenzene

Concen: 54.569 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

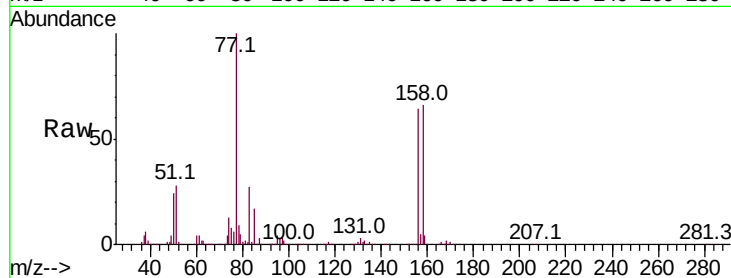
Tot Ion:156 Resp: 215341

Ion Ratio Lower Upper

156 100

77 163.0 82.8 248.6

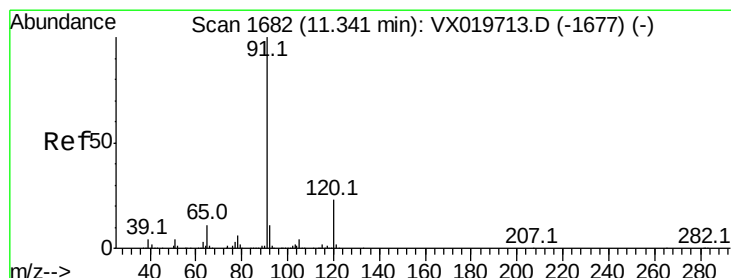
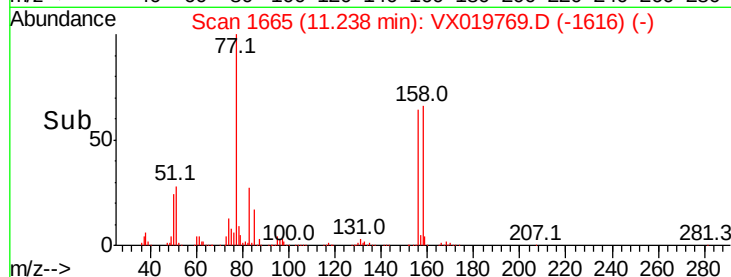
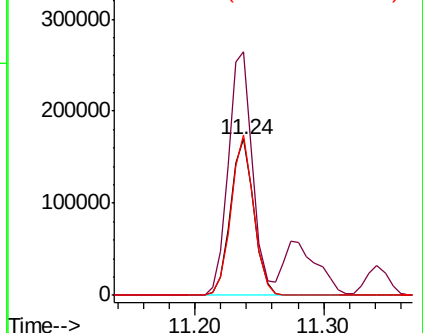
158 99.1 49.1 147.4



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: 56.678 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019769.D

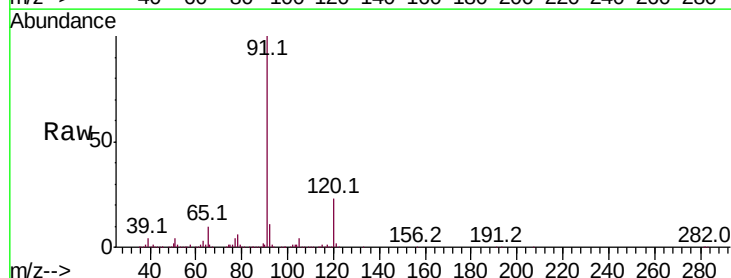
Acq: 09 Dec 2020 11:08

Tgt Ion: 91 Resp: 998224

Ion Ratio Lower Upper

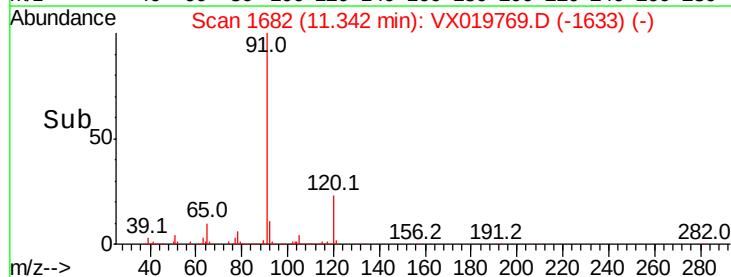
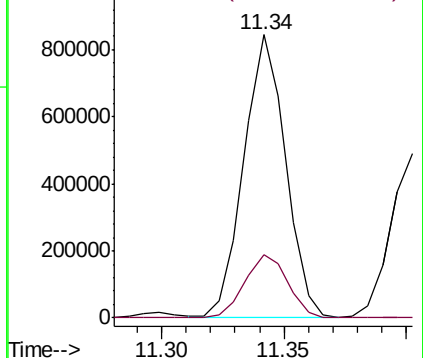
91 100

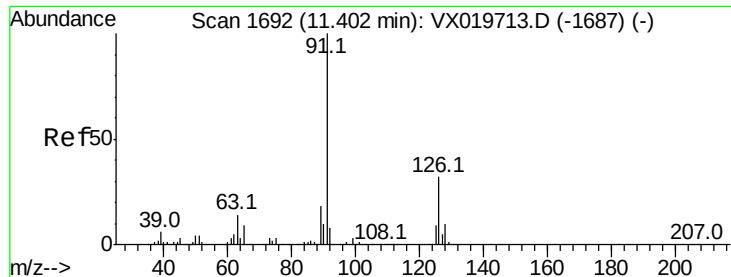
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

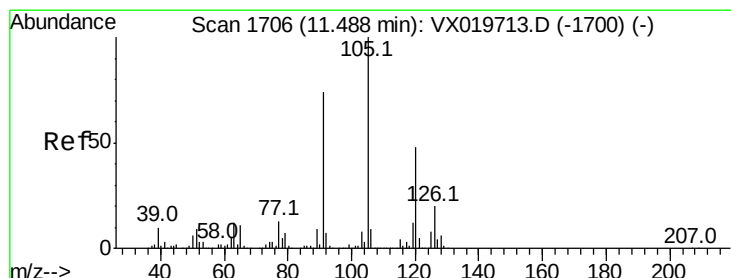
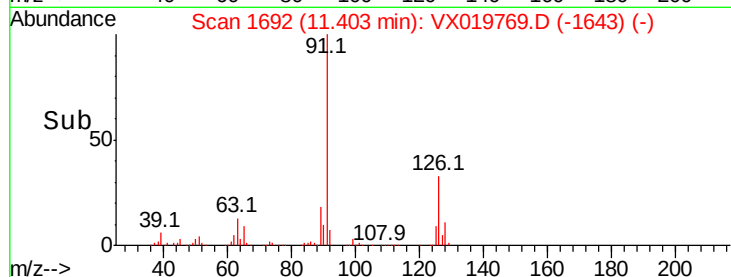
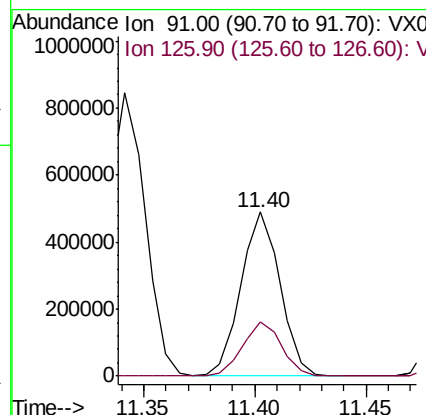
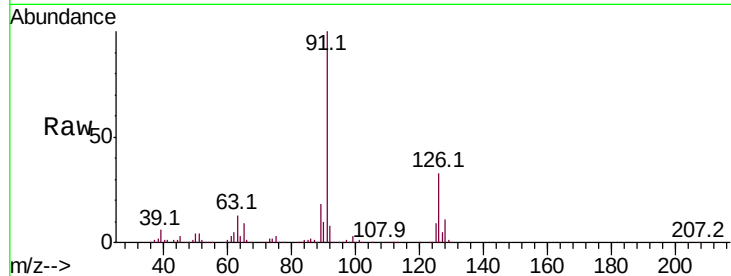




#79
 2-Chlorotoluene
 Concen: 55.272 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

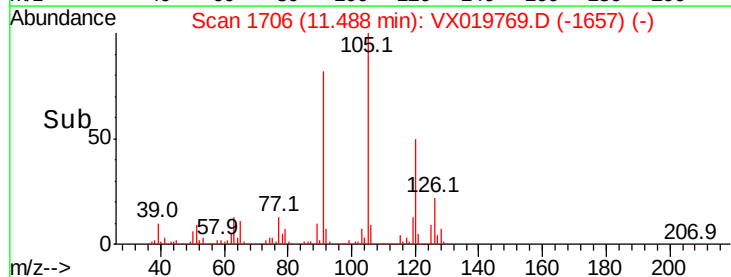
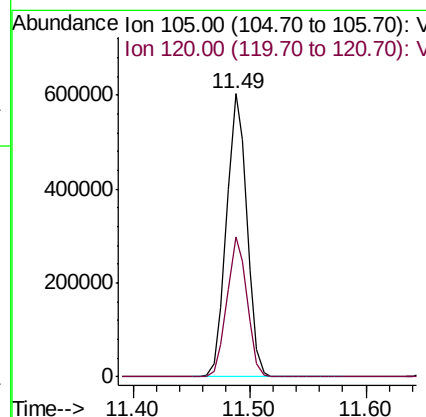
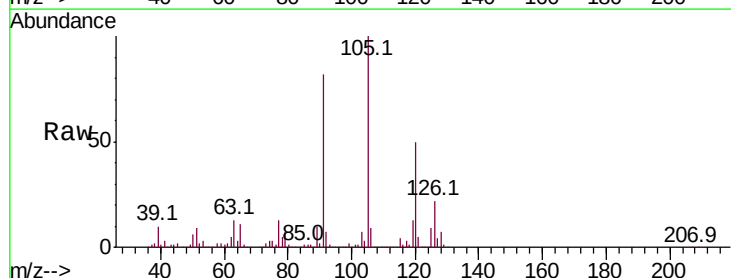
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

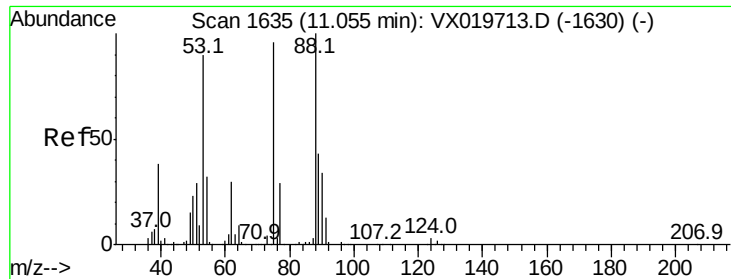
Tot Ion: 91 Resp: 599475
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 55.772 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Tgt Ion: 105 Resp: 725823
 Ion Ratio Lower Upper
 105 100
 120 48.9 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 56.854 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

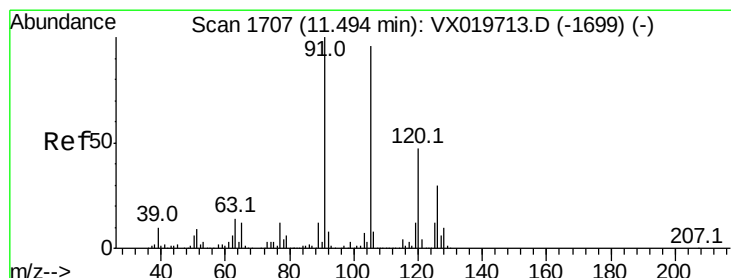
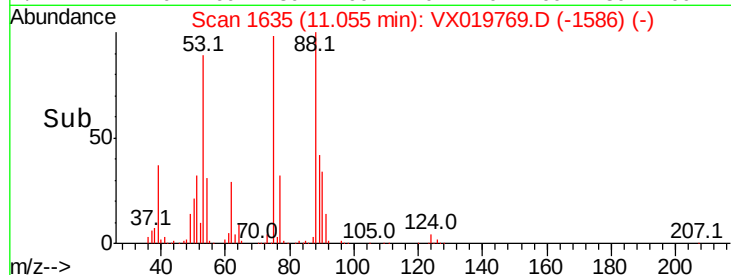
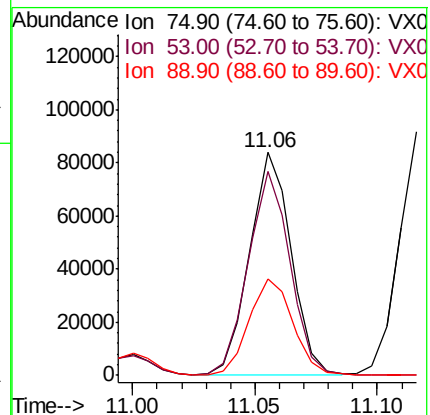
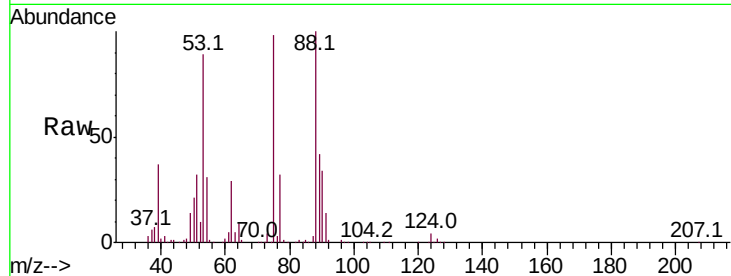
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 99559

Ion	Ratio	Lower	Upper
75	100		
53	92.4	74.5	111.7
89	45.9	37.9	56.9



#82

4-Chlorotoluene

Concen: 55.273 ug/l

RT: 11.49 min Scan# 1707

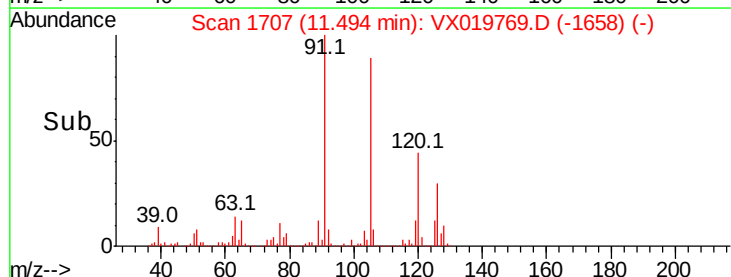
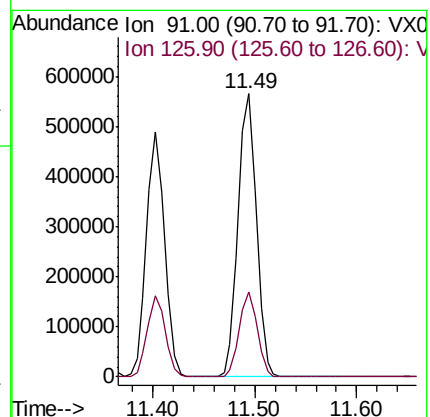
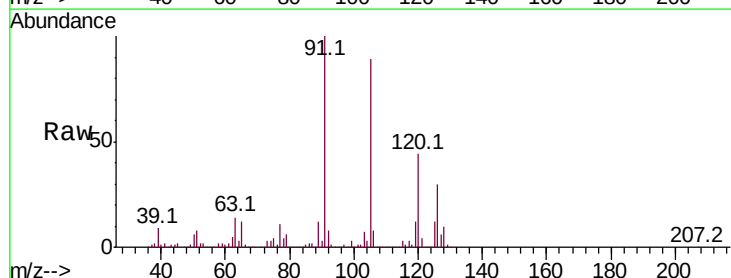
Delta R.T. 0.00 min

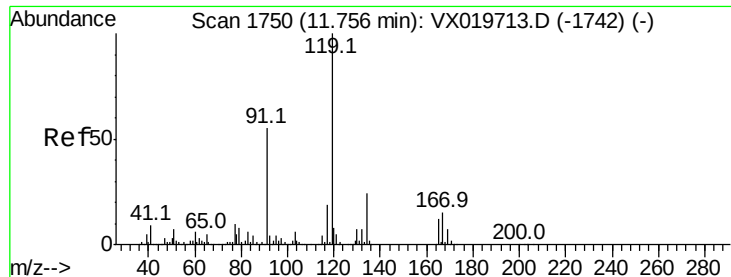
Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Tgt Ion: 91 Resp: 702101

Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.9	44.5

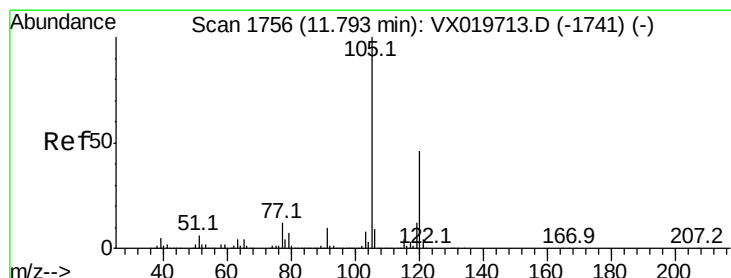
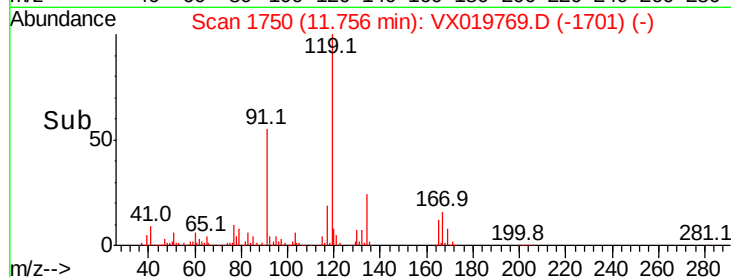
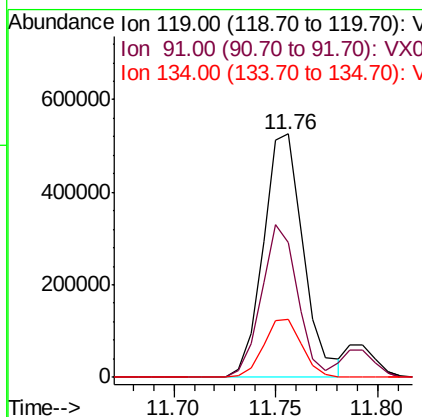
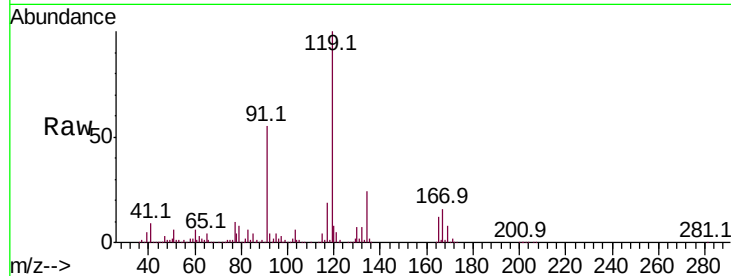




#83
 tert-Butylbenzene
 Concen: 56.544 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

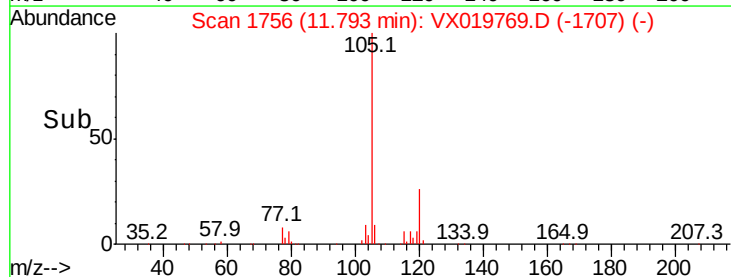
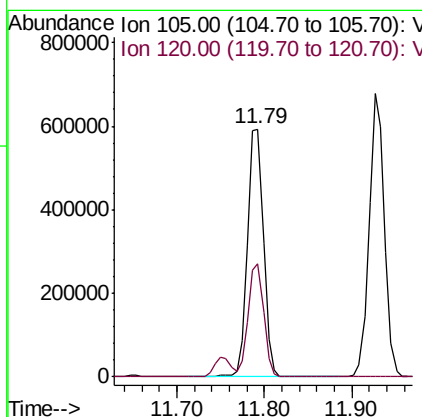
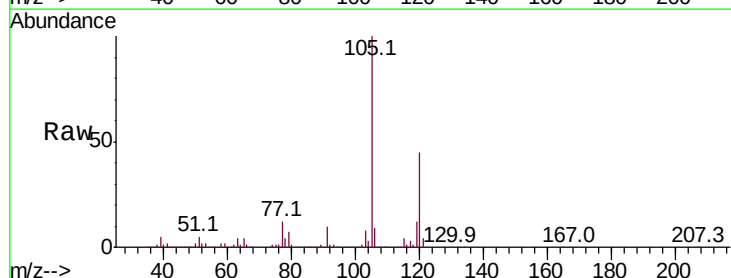
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

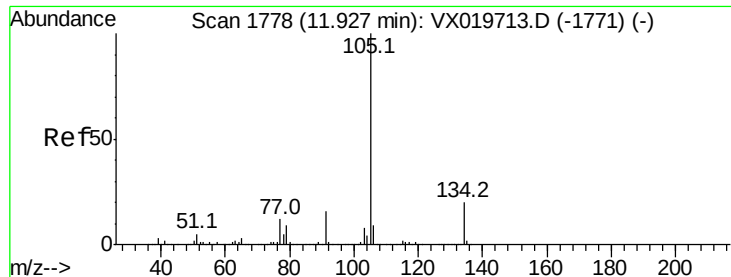
Tot Ion:119 Resp: 721715
 Ion Ratio Lower Upper
 119 100
 91 56.4 27.9 83.7
 134 22.9 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 56.982 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Tgt Ion:105 Resp: 747004
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.3





#85

sec-Butylbenzene

Concen: 56.812 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

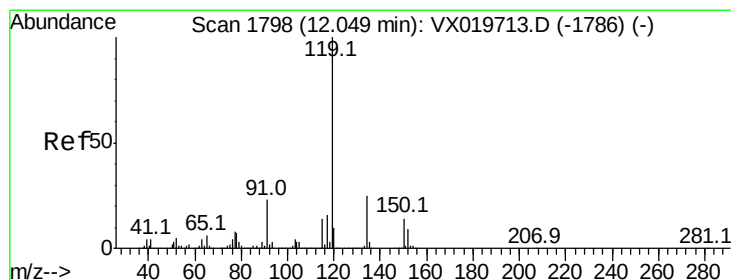
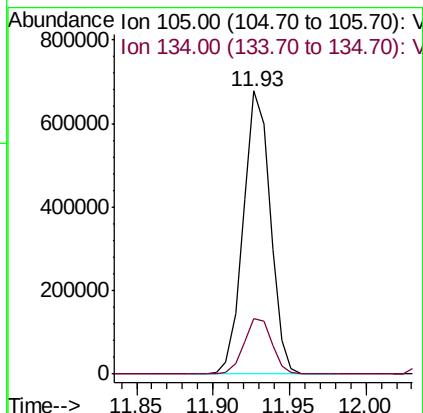
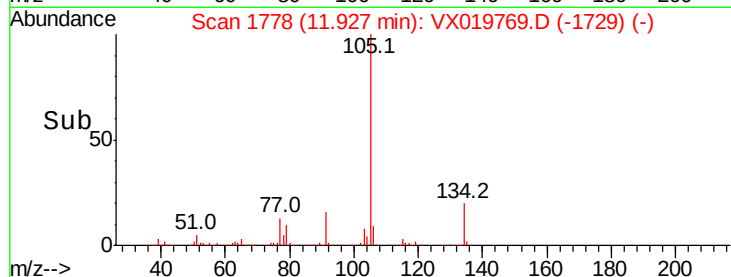
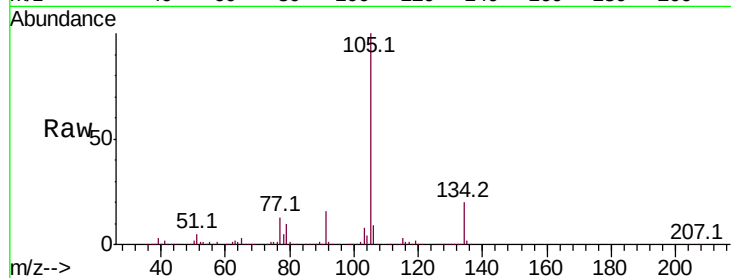
VSTDCCC050

Tot Ion:105 Resp: 827900

Ion Ratio Lower Upper

105 100

134 20.3 10.0 29.8



#86

p-Isopropyltoluene

Concen: 57.844 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

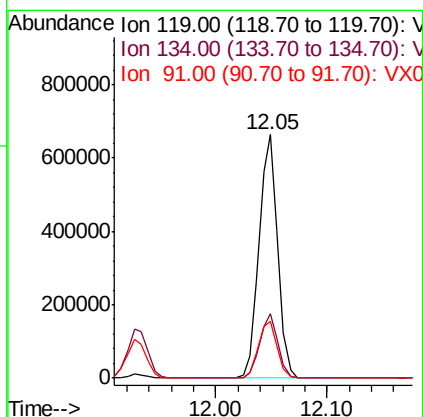
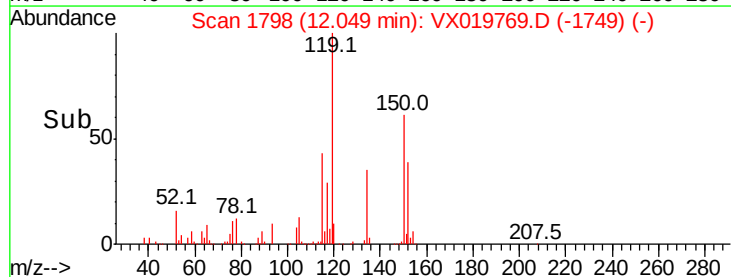
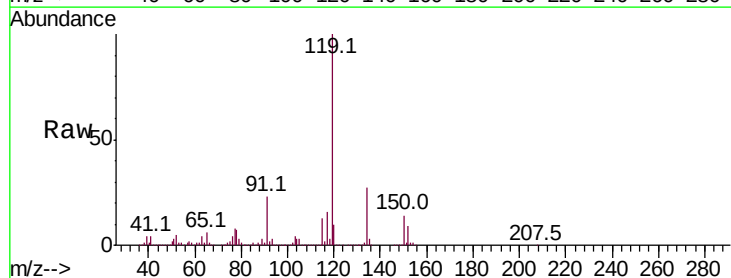
Tgt Ion:119 Resp: 772539

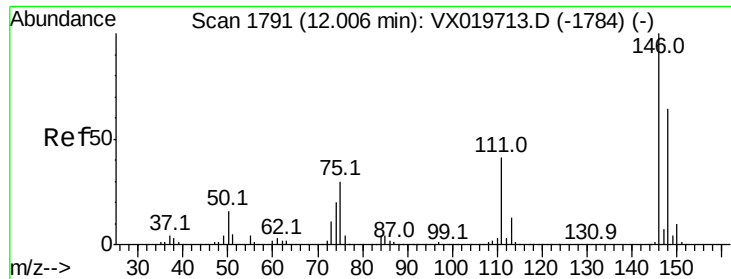
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

91 23.6 11.7 35.0

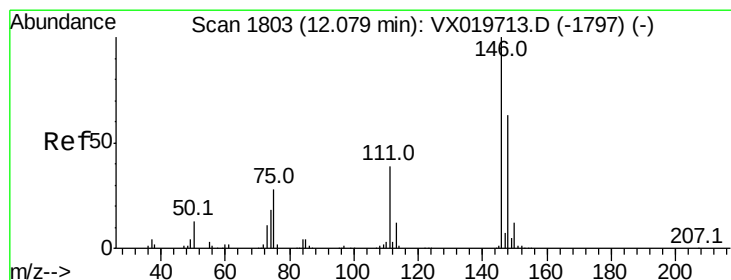
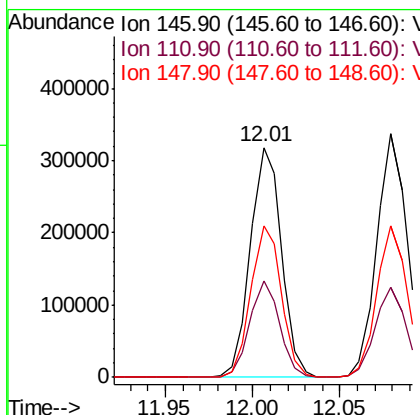
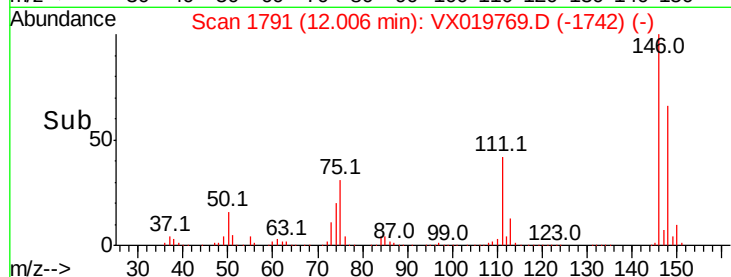
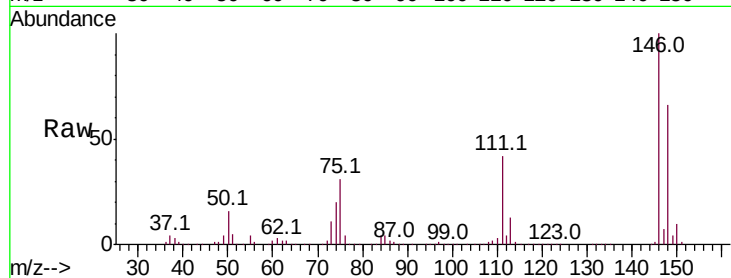




#87
 1,3-Dichlorobenzene
 Concen: 54.667 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

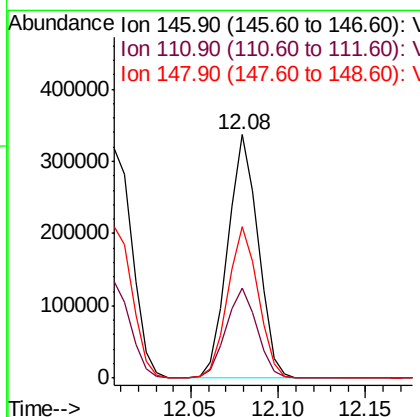
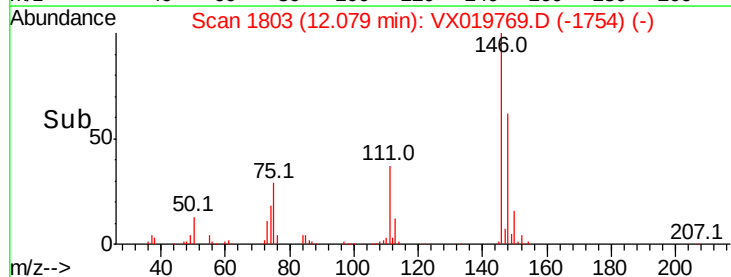
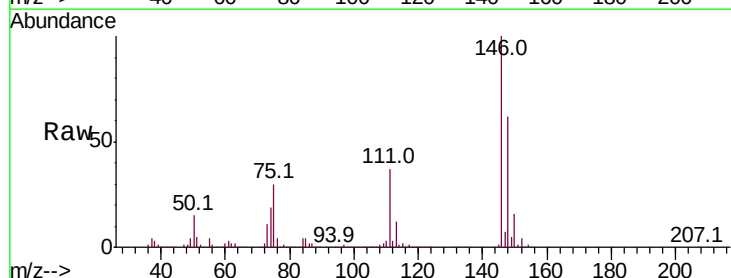
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

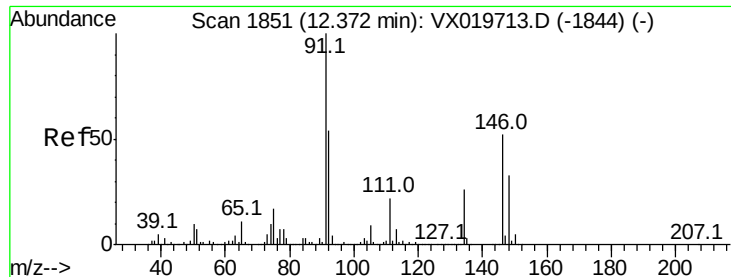
Tot Ion:146 Resp: 395940
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.2 60.5
 148 64.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 54.914 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Tgt Ion:146 Resp: 405093
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.6 58.8
 148 62.8 31.6 95.0

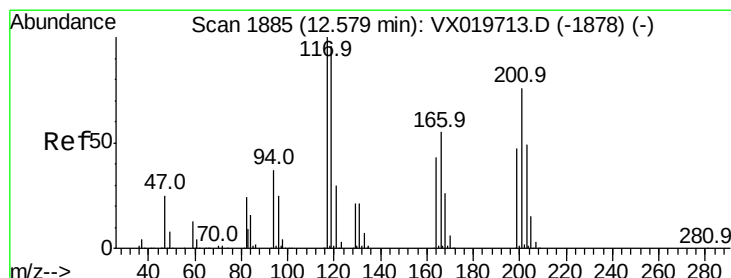
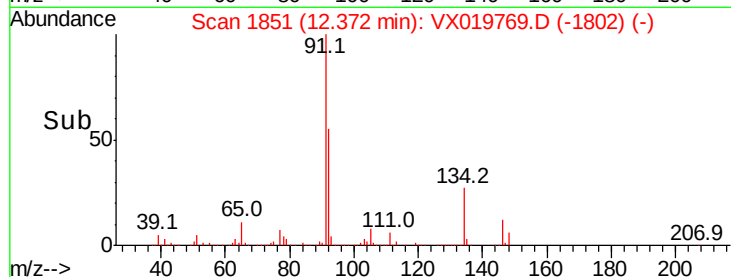
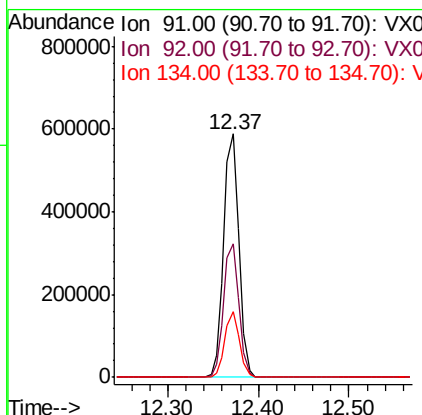
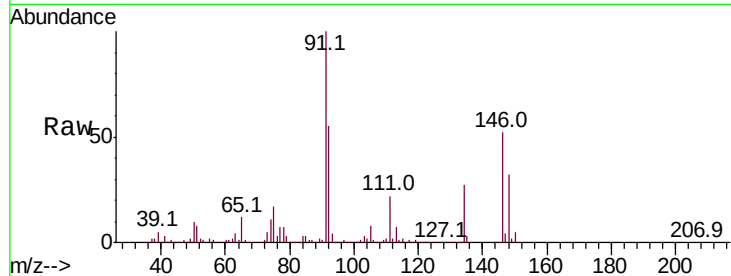




#89
n-Butylbenzene
Concen: 58.298 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

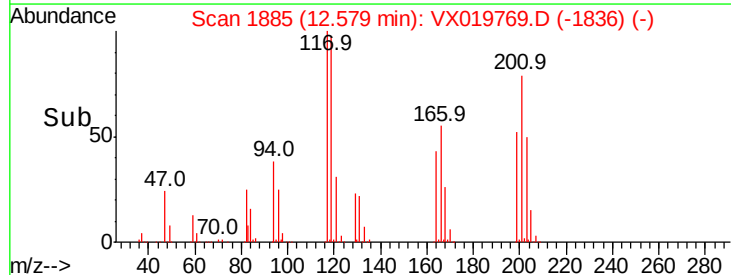
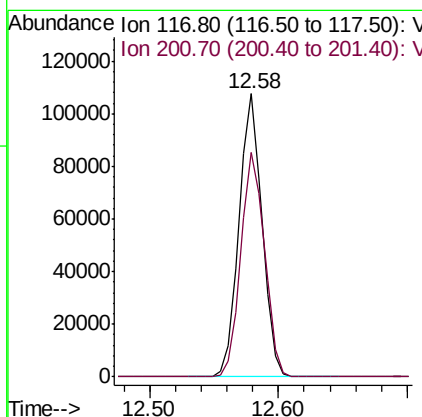
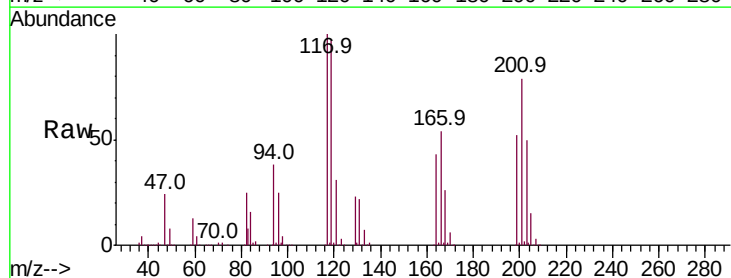
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

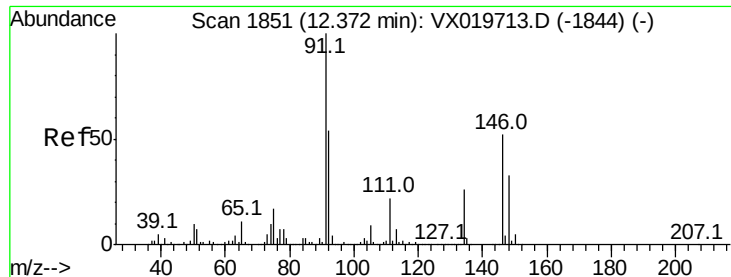
Tot Ion: 91 Resp: 689816
Ion Ratio Lower Upper
91 100
92 55.1 27.4 82.0
134 26.0 13.2 39.5



#90
Hexachloroethane
Concen: 57.798 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion: 117 Resp: 133267
Ion Ratio Lower Upper
117 100
201 81.3 40.4 121.2





#91

1,2-Dichlorobenzene

Concen: 54.892 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

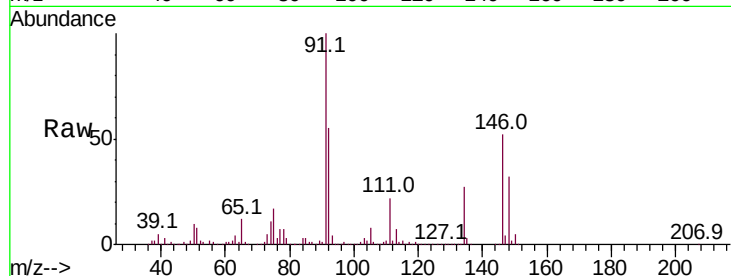
Tot Ion:146 Resp: 387563

Ion Ratio Lower Upper

146 100

111 41.8 20.8 62.2

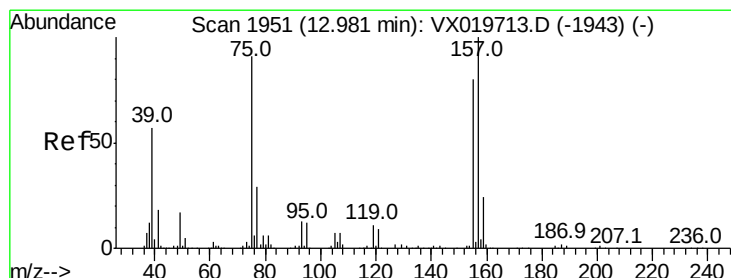
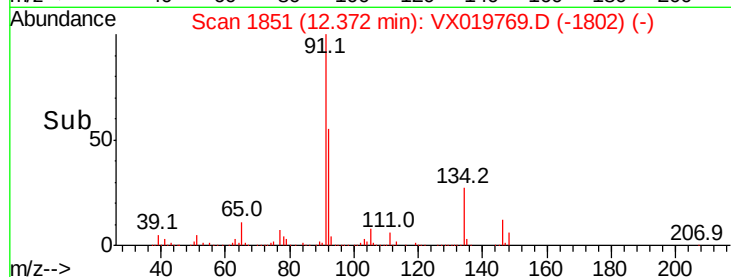
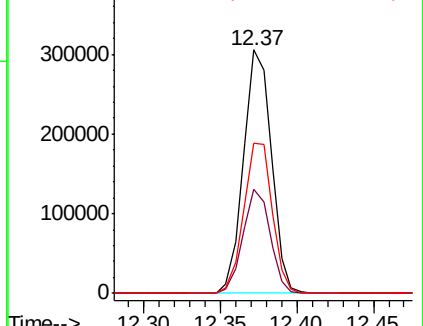
148 63.2 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.359 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

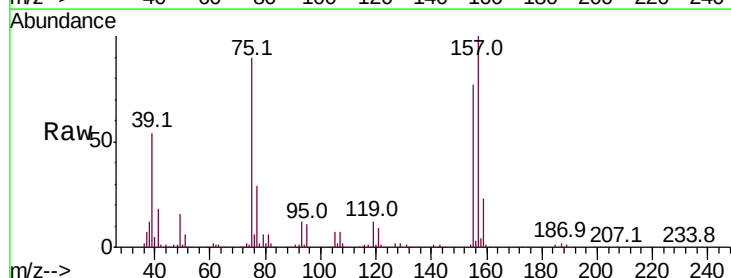
Tgt Ion: 75 Resp: 61194

Ion Ratio Lower Upper

75 100

155 89.5 45.3 135.9

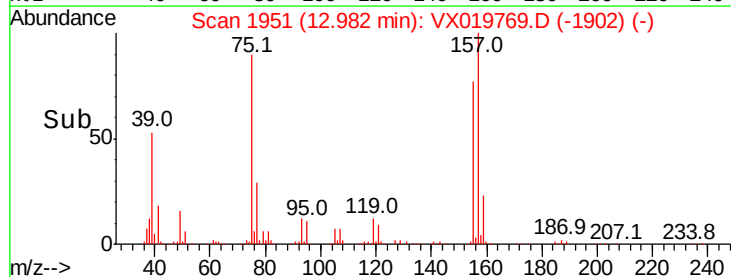
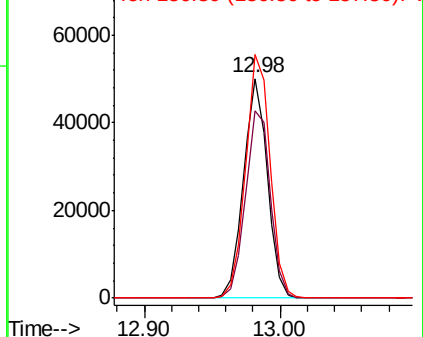
157 114.4 57.7 173.1

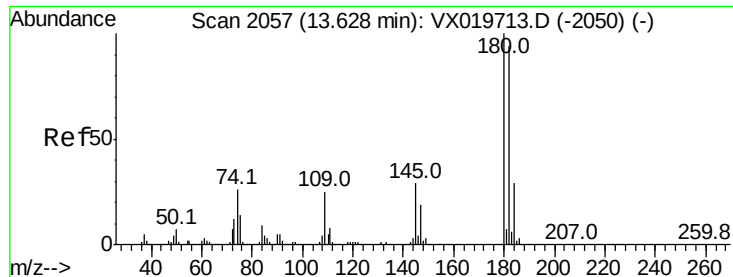


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

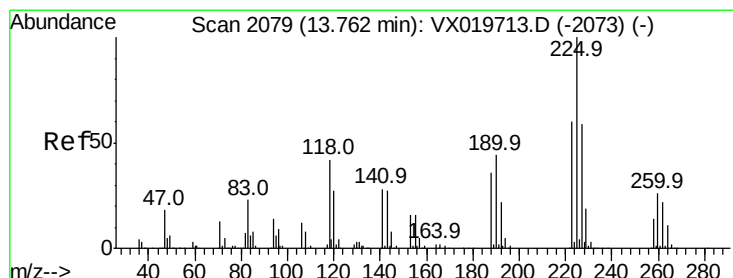
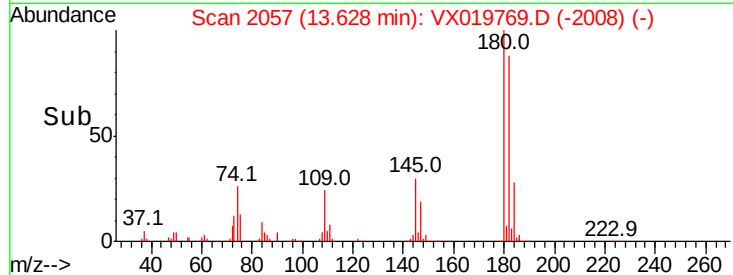
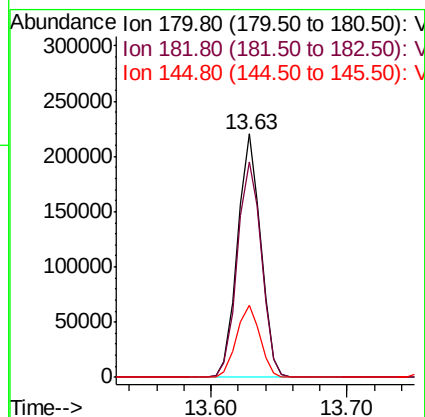
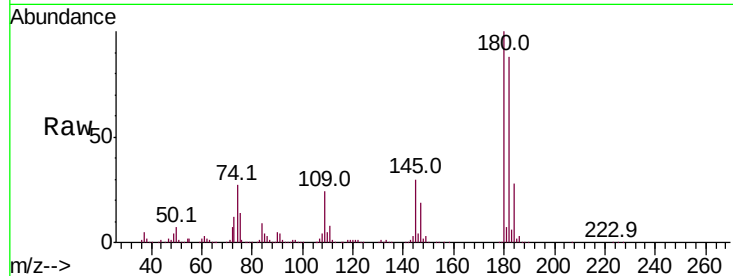




#93
 1,2,4-Trichlorobenzene
 Concen: 56.774 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

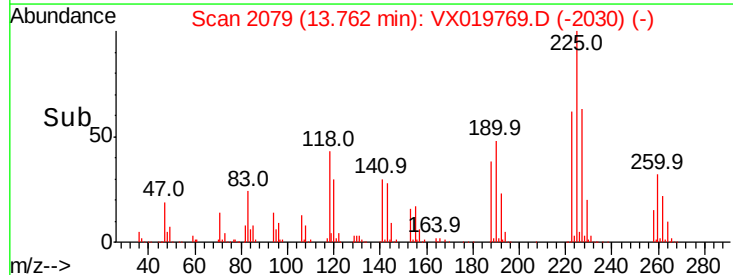
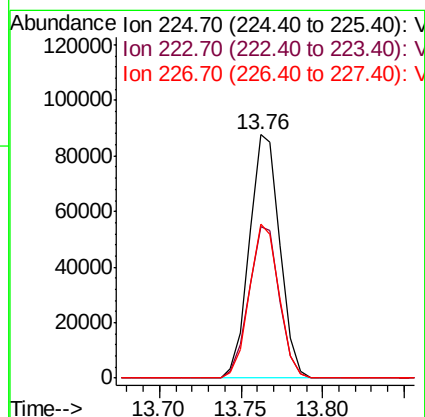
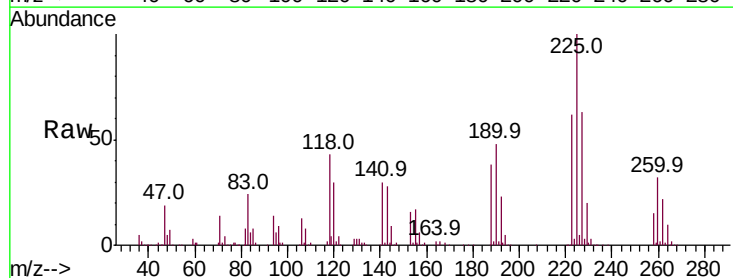
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

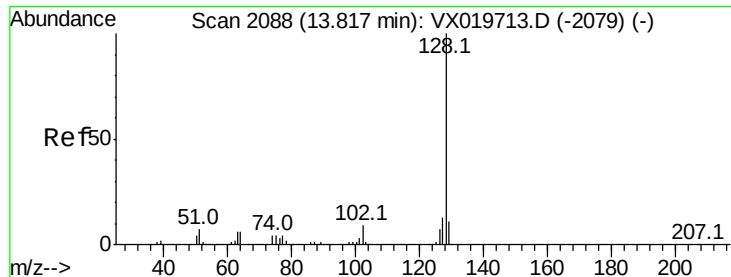
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.7	143.1
145	30.1	15.0	45.0



#94
 Hexachlorobutadiene
 Concen: 55.556 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.1	93.2
227	61.7	31.6	95.0

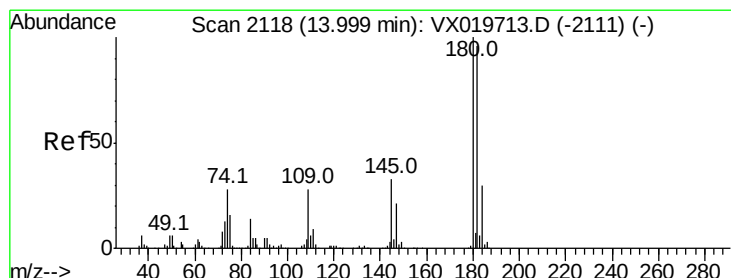
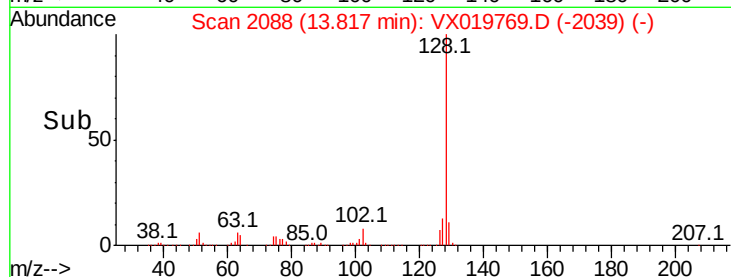
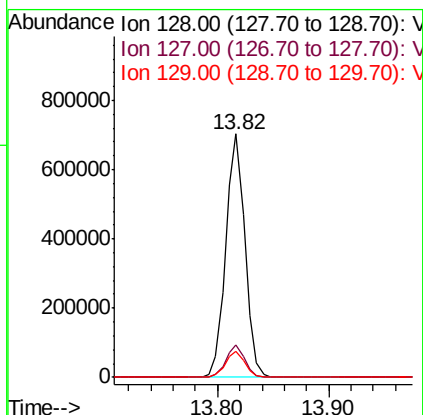
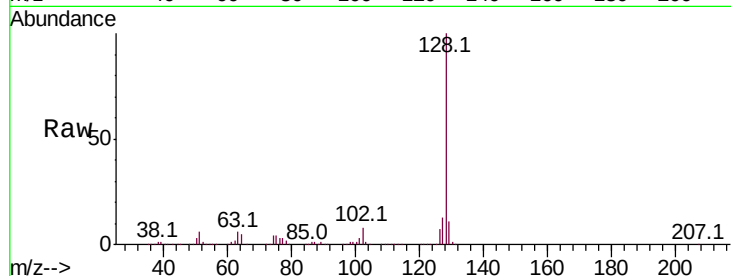




#95
Naphthalene
Concen: 55.808 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 831556
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 57.052 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion:180 Resp: 256257
Ion Ratio Lower Upper
180 100
182 94.8 47.6 142.9
145 32.4 16.1 48.3

