

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019539.D
 Acq On : 21 Nov 2020 10:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 23 00:14:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	286622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	484369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	418691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	202622	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	184488	49.64	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.28%	
35) Dibromofluoromethane		5.46	113	149875	49.29	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.58%	
50) Toluene-d8		8.70	98	556422	47.10	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.20%	
62) 4-Bromofluorobenzene		11.12	95	203515	47.88	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	139248	49.959	ug/l	100
3) Chloromethane	1.31	50	140976	44.076	ug/l	98
4) Vinyl Chloride	1.39	62	166322	48.307	ug/l	99
5) Bromomethane	1.62	94	50785	38.942	ug/l	93
6) Chloroethane	1.69	64	40477	48.096	ug/l	96
7) Trichlorofluoromethane	1.90	101	244977	49.297	ug/l	98
8) Diethyl Ether	2.17	74	101097	50.797	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	135659	48.932	ug/l	98
10) Methyl Iodide	2.48	142	171380	47.054	ug/l	99
11) Tert butyl alcohol	3.05	59	202640	288.123	ug/l	99
12) 1,1-Dichloroethene	2.34	96	140929	49.526	ug/l	98
13) Acrolein	2.28	56	88938	188.124	ug/l	99
14) Allyl chloride	2.70	41	207970	46.653	ug/l	98
15) Acrylonitrile	3.12	53	416674	251.212	ug/l	99
16) Acetone	2.43	43	338019	235.199	ug/l	99
17) Carbon Disulfide	2.54	76	350702	45.876	ug/l	99
18) Methyl Acetate	2.75	43	181292	51.430	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	523825	53.330	ug/l	99
20) Methylene Chloride	2.83	84	166869	46.455	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	158365	49.120	ug/l	97
22) Diisopropyl ether	3.83	45	471527	51.132	ug/l	91
23) Vinyl Acetate	3.78	43	2005300	259.246	ug/l	100
24) 1,1-Dichloroethane	3.67	63	283108	50.192	ug/l	99
25) 2-Butanone	4.64	43	530268	245.621	ug/l	100
26) 2,2-Dichloropropane	4.54	77	163410	33.191	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	189440	51.153	ug/l	97
28) Bromochloromethane	4.98	49	119300	44.239	ug/l	95
29) Tetrahydrofuran	5.09	42	343008	249.013	ug/l	98
30) Chloroform	5.18	83	299291	50.744	ug/l	98
31) Cyclohexane	5.54	56	235329	48.687	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	262498	51.812	ug/l	99
36) 1,1-Dichloropropene	5.76	75	216639	47.708	ug/l	99
37) Ethyl Acetate	4.80	43	214015	50.203	ug/l	99
38) Carbon Tetrachloride	5.75	117	217902	49.576	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	245285	46.391	ug/l	100
40) Benzene	6.11	78	676453	48.484	ug/l	99
41) Methacrylonitrile	5.01	41	115233	49.018	ug/l	98
42) 1,2-Dichloroethane	6.16	62	236277	49.408	ug/l	100
43) Isopropyl Acetate	6.42	43	356002	49.678	ug/l	100
44) Trichloroethene	7.18	130	176956	48.420	ug/l	99
45) 1,2-Dichloropropane	7.49	63	167848	48.868	ug/l	99
46) Dibromomethane	7.63	93	115652	49.196	ug/l	100
47) Bromodichloromethane	7.87	83	227799	49.937	ug/l	99
48) Methyl methacrylate	7.74	41	171679	51.154	ug/l	99
49) 1,4-Dioxane	7.72	88	81762	1072.972	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1044661	249.990	ug/l	99
52) Toluene	8.76	92	411604	48.224	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	236180	47.940	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	259747	47.509	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	170271	48.984	ug/l	99
56) Ethyl methacrylate	9.16	69	258682	52.592	ug/l	99
57) 1,3-Dichloropropane	9.35	76	283757	48.758	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	681917	236.602	ug/l	98
59) 2-Hexanone	9.48	43	798254	251.871	ug/l	99
60) Dibromochloromethane	9.57	129	171842	50.471	ug/l	100
61) 1,2-Dibromoethane	9.65	107	178795	49.900	ug/l	99
64) Tetrachloroethene	9.32	164	147917	44.944	ug/l	96
65) Chlorobenzene	10.12	112	420339	48.829	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	161620	51.616	ug/l	100
67) Ethyl Benzene	10.23	91	762588	50.568	ug/l	99
68) m/p-Xylenes	10.34	106	569881	101.430	ug/l	100
69) o-Xylene	10.68	106	279615	52.062	ug/l	99
70) Styrene	10.70	104	476788	48.025	ug/l	99
71) Bromoform	10.84	173	123512	46.812	ug/l #	98
73) Isopropylbenzene	11.00	105	729687	52.057	ug/l	99
74) N-amyl acetate	10.88	43	301112	57.329	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	259662	51.802	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	282183	63.815	ug/l	87
77) Bromobenzene	11.24	156	184717	51.622	ug/l	99
78) n-propylbenzene	11.34	91	814136	50.630	ug/l	99
79) 2-Chlorotoluene	11.40	91	503022	51.581	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	616588	52.438	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	72314	44.663	ug/l	99
82) 4-Chlorotoluene	11.49	91	586808	51.115	ug/l	100
83) tert-Butylbenzene	11.76	119	602141	52.932	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	623433	52.401	ug/l	99
85) sec-Butylbenzene	11.93	105	683109	50.476	ug/l	100
86) p-Isopropyltoluene	12.05	119	621514	50.582	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	326134	49.628	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	329942	48.743	ug/l	99
89) n-Butylbenzene	12.37	91	528661	47.592	ug/l	99
90) Hexachloroethane	12.58	117	107106	52.093	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	335010	50.757	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55970	54.732	ug/l	98

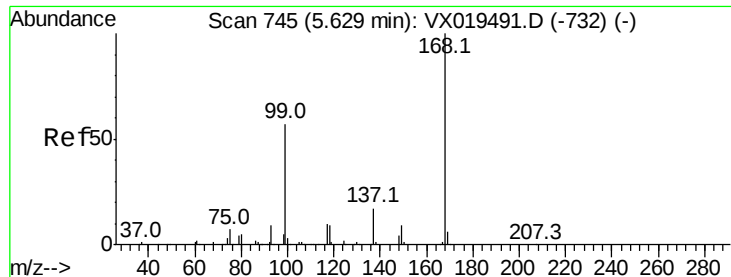
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
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Quant Time: Nov 23 00:14:18 2020
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	216832	51.170	ug/l	98
94) Hexachlorobutadiene	13.76	225	84216	43.628	ug/l	97
95) Naphthalene	13.82	128	754792	50.481	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	220186	51.948	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

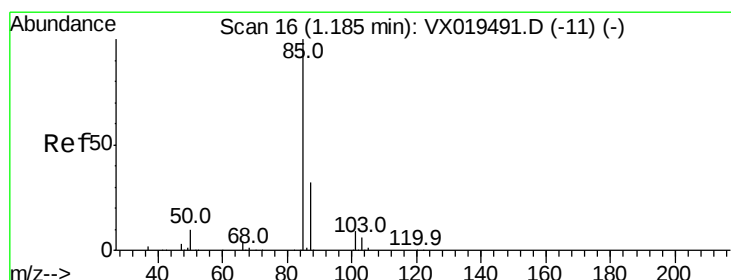
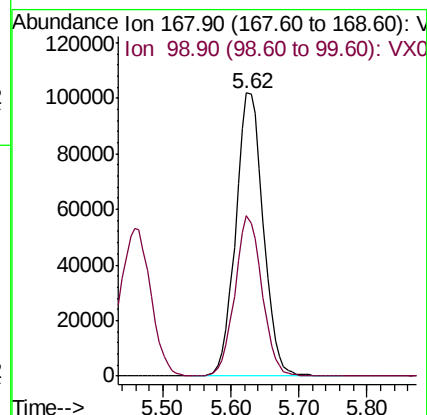
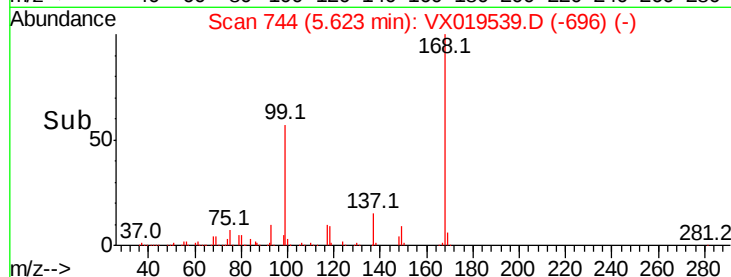
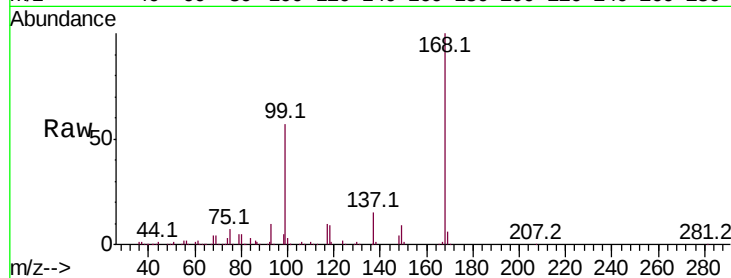
VSTDCCC050EC

Tot Ion:168 Resp: 286622

Ion Ratio Lower Upper

168 100

99 56.4 45.8 68.6



#2

Dichlorodifluoromethane

Concen: 49.959 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019539.D

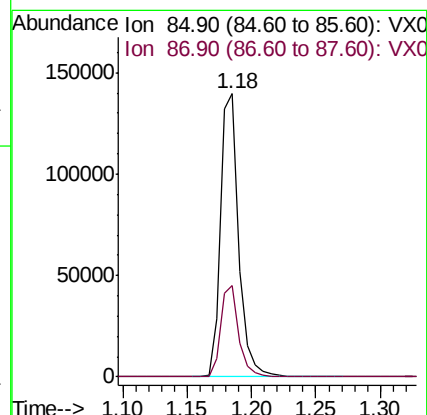
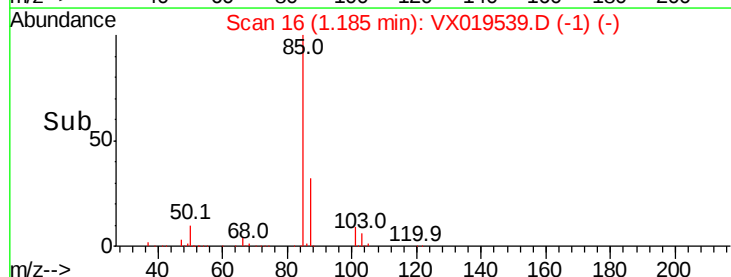
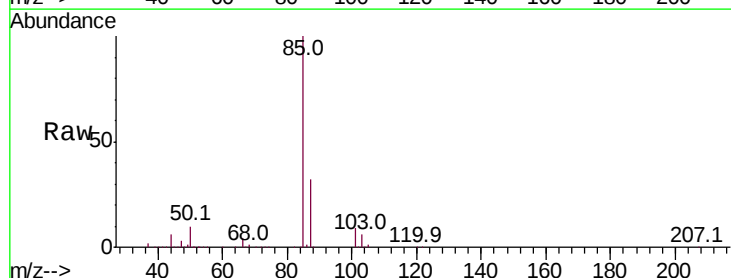
Acq: 21 Nov 2020 10:10

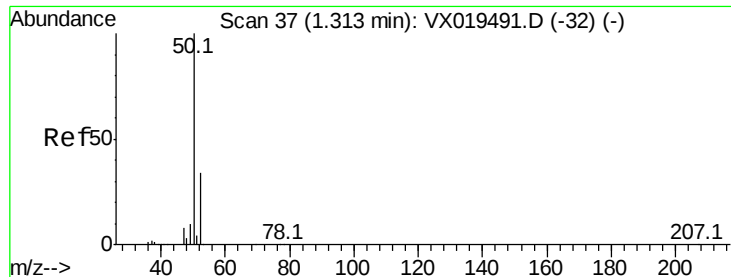
Tgt Ion: 85 Resp: 139248

Ion Ratio Lower Upper

85 100

87 32.2 16.0 47.9

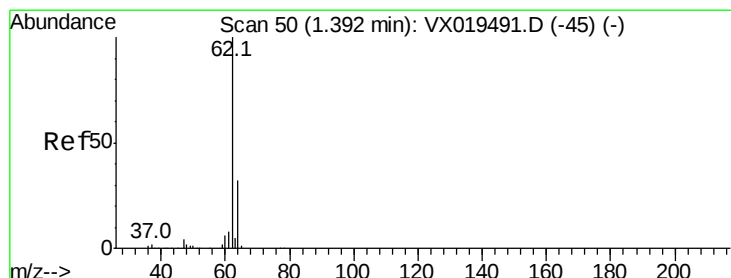
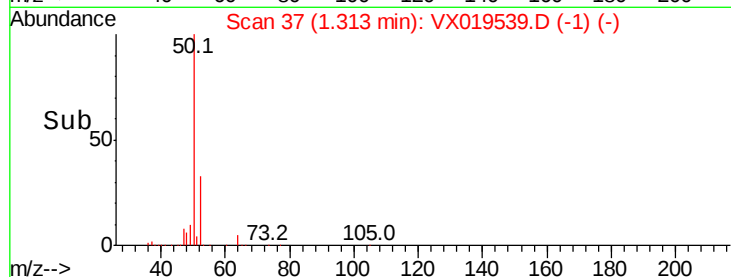
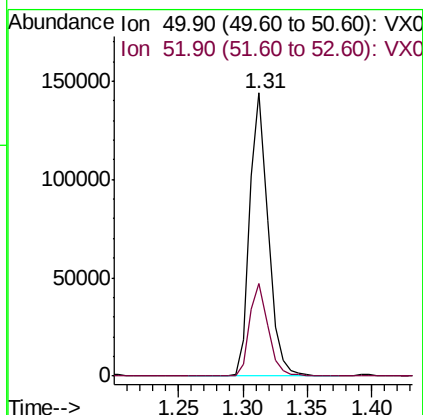
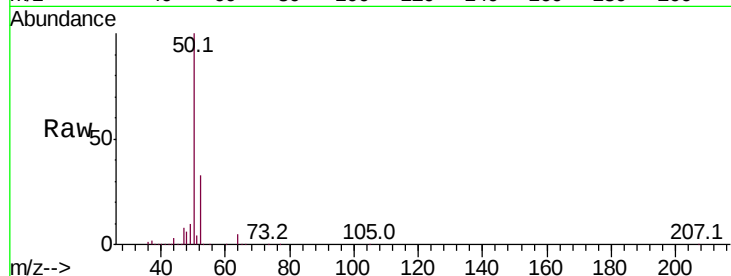




#3
Chloromethane
Concen: 44.076 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

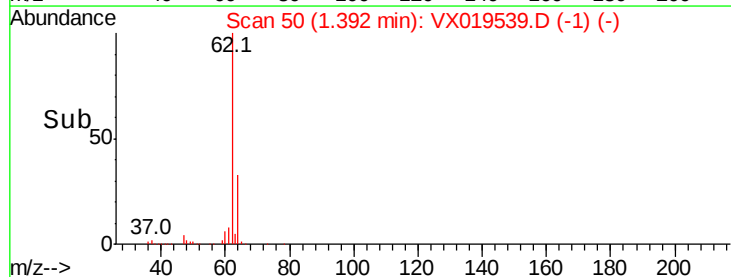
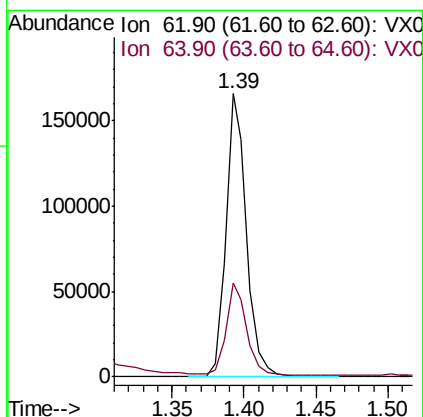
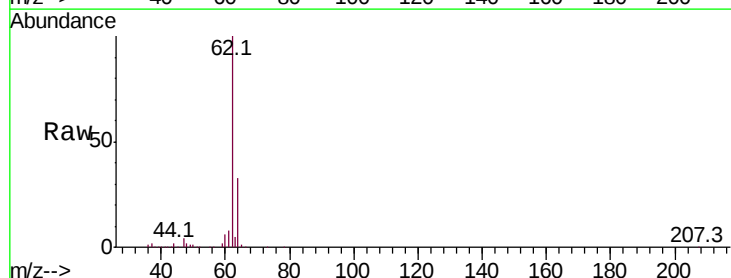
Instrument :
MSVOA_X
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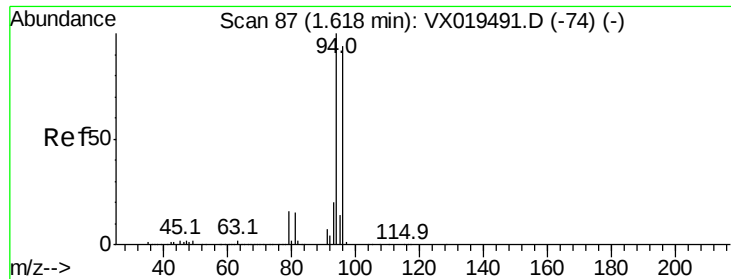
Tot Ion: 50 Resp: 140976
Ion Ratio Lower Upper
50 100
52 32.7 27.0 40.6



#4
Vinyl Chloride
Concen: 48.307 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion: 62 Resp: 166322
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.2





#5

Bromomethane

Concen: 38.942 ug/l

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

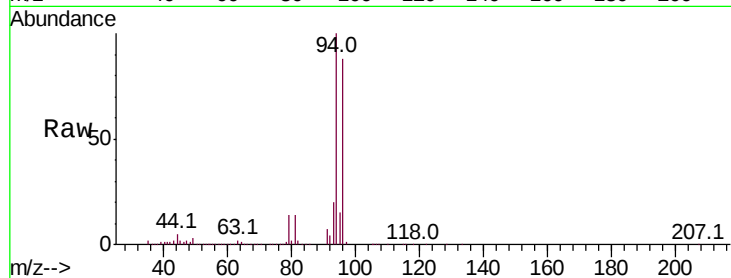
VSTDCCC050EC

Tot Ion: 94 Resp: 50785

Ion Ratio Lower Upper

94 100

96 88.1 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

60000

50000

40000

30000

20000

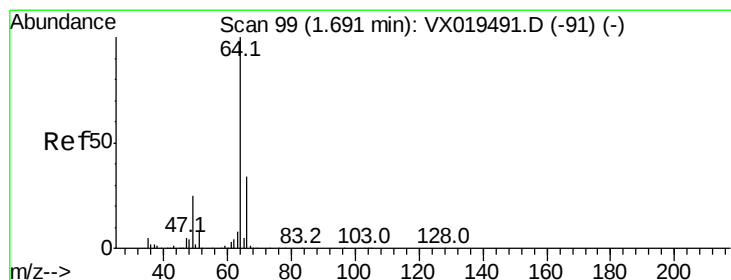
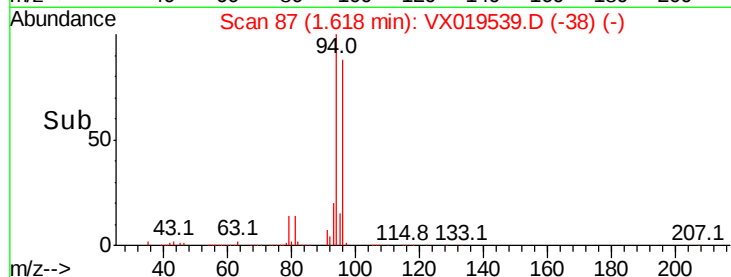
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0

1.62

1.50 1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 48.096 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019539.D

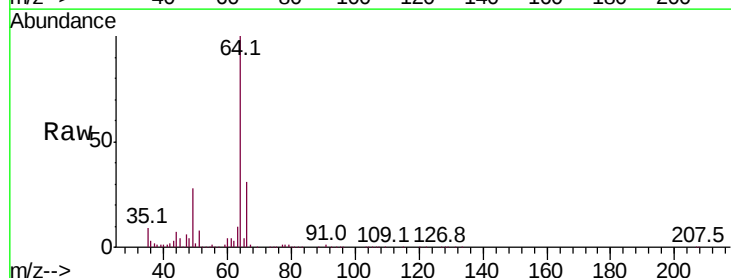
Acq: 21 Nov 2020 10:10

Tgt Ion: 64 Resp: 40477

Ion Ratio Lower Upper

64 100

66 31.4 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

40000

30000

20000

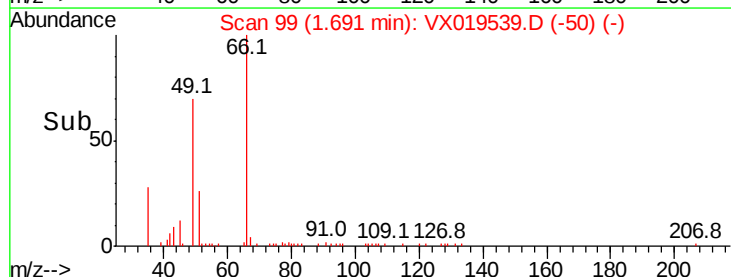
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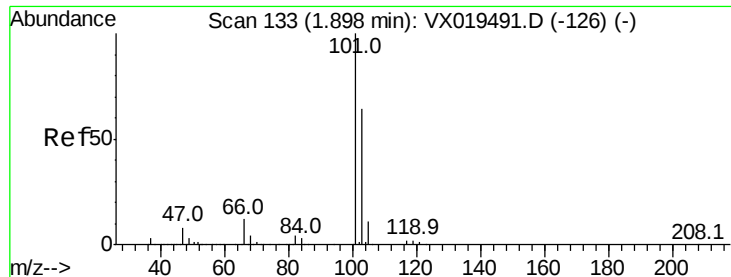
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1.69

1.65 1.70 1.75

Time-->



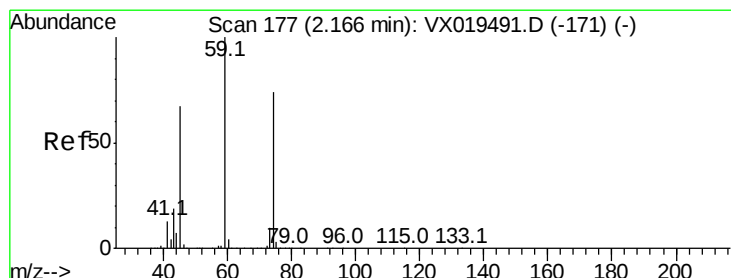
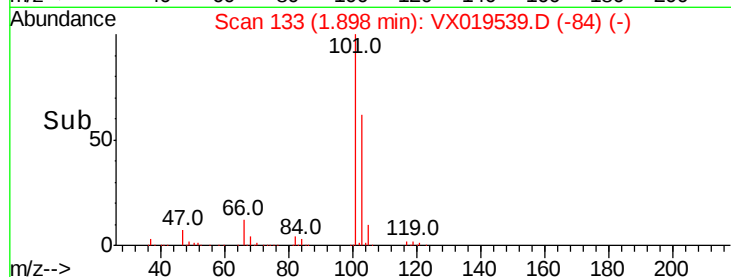
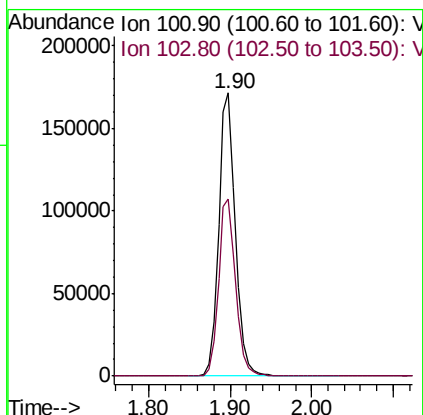
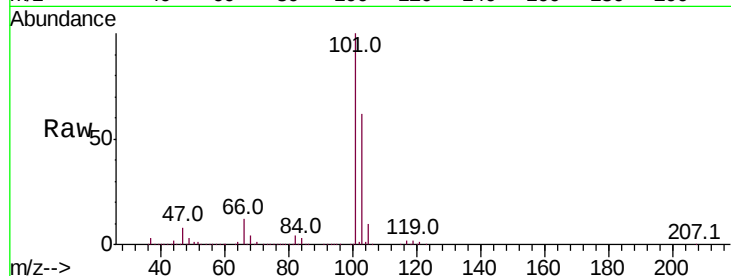


#7

Trichlorofluoromethane
 Concen: 49.297 ug/l
 RT: 1.90 min Scan# 133
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Instrument :
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 VSTDCCC050EC

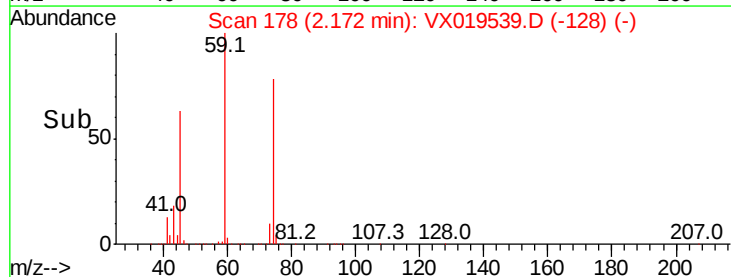
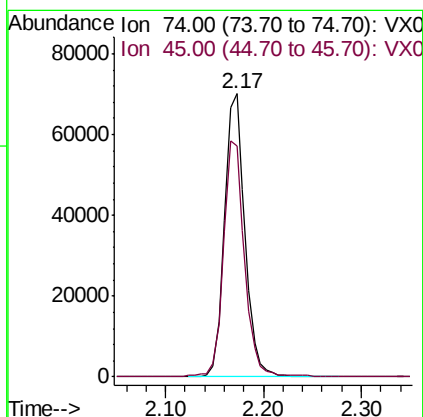
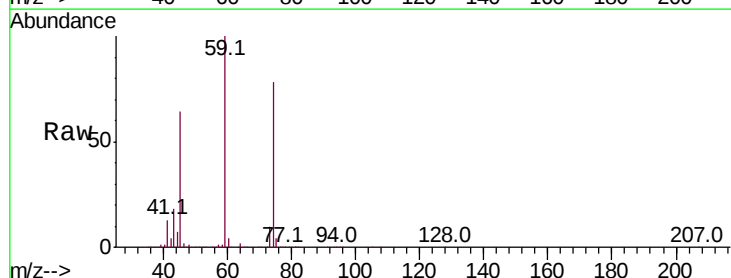
Tot Ion:101 Resp: 244977
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.9 76.3

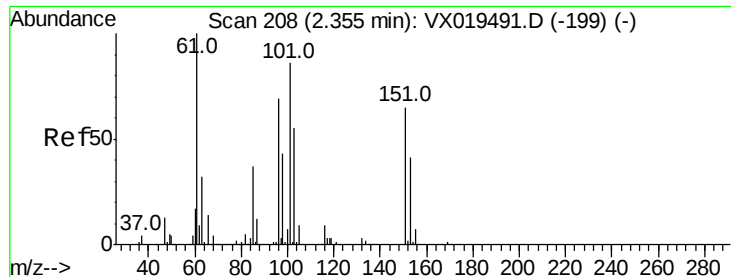


#8

Diethyl Ether
 Concen: 50.797 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Tgt Ion: 74 Resp: 101097
 Ion Ratio Lower Upper
 74 100
 45 84.4 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.932 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

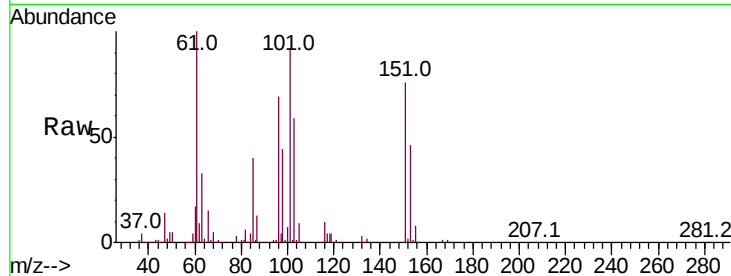
Tot Ion:101 Resp: 135659

Ion Ratio Lower Upper

101 100

85 43.3 33.9 50.9

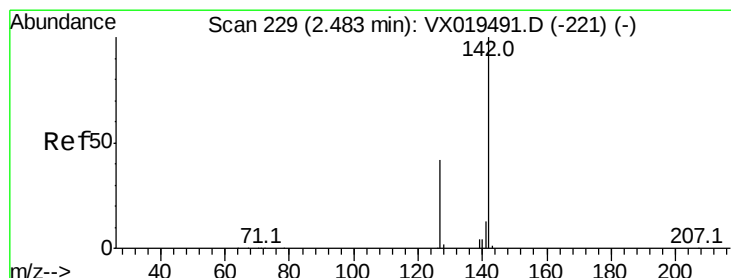
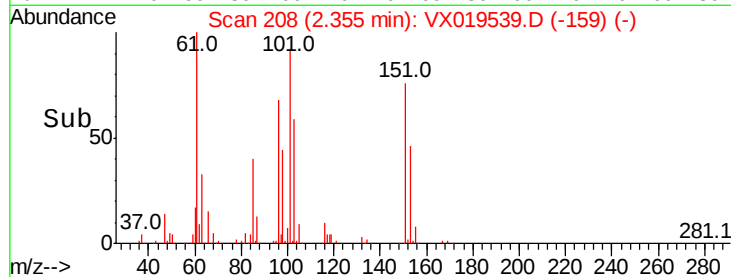
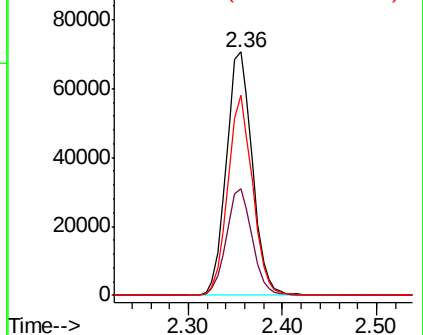
151 78.3 60.9 91.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.054 ug/l

RT: 2.48 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

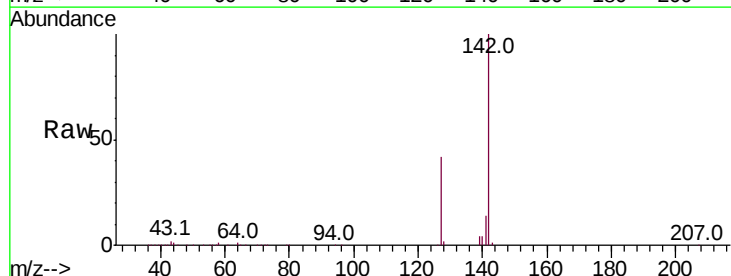
Tgt Ion:142 Resp: 171380

Ion Ratio Lower Upper

142 100

127 42.9 33.8 50.6

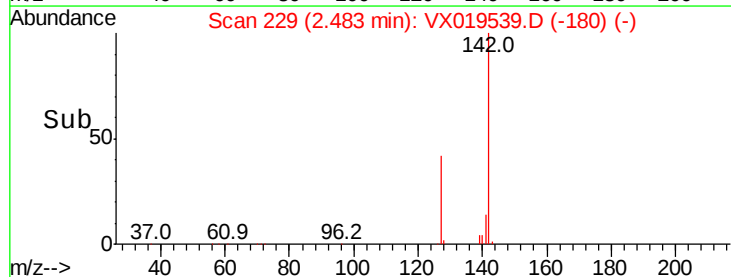
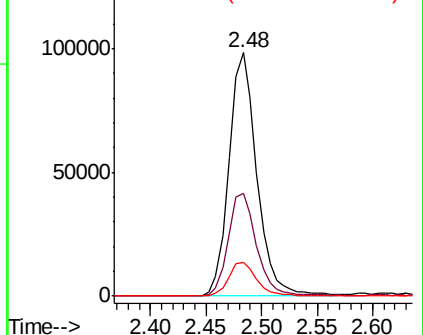
141 14.0 11.0 16.6

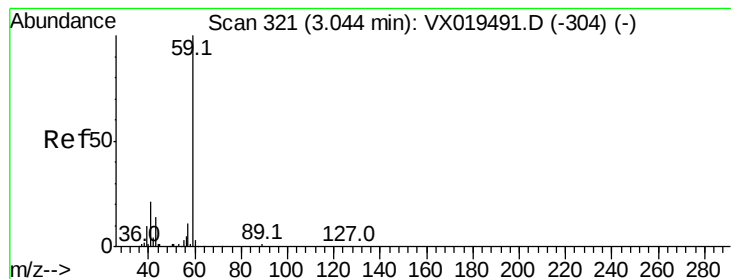


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



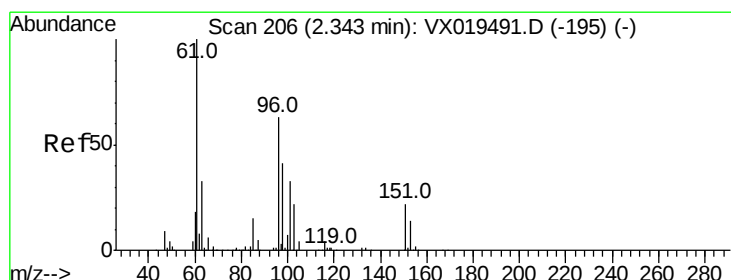
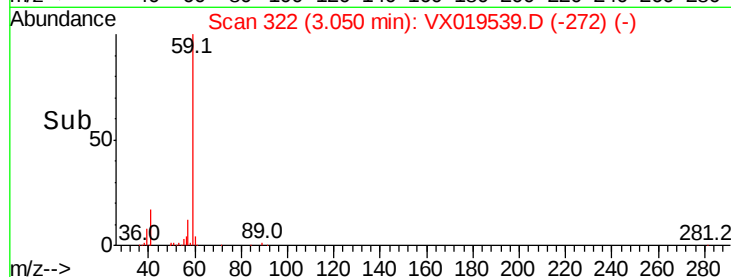
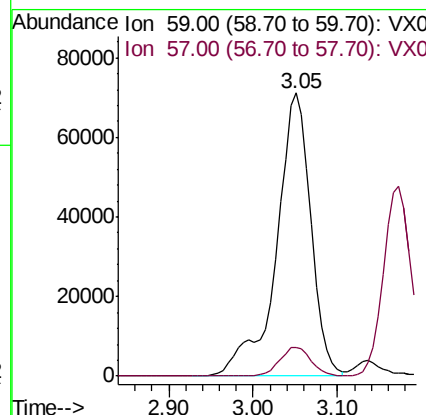
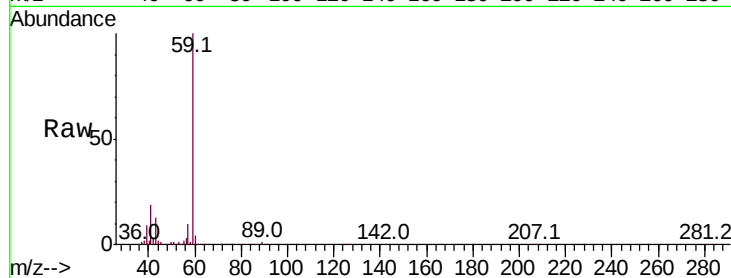


#11

Tert butyl alcohol
 Concen: 288.123 ug/l
 RT: 3.05 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

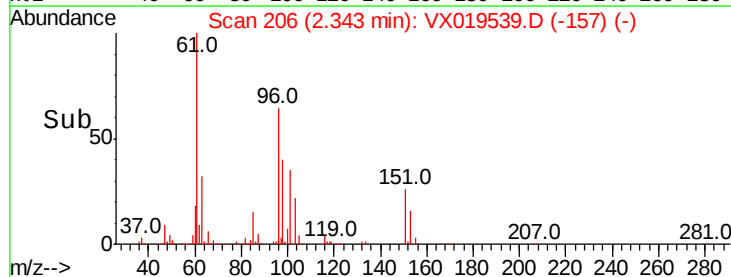
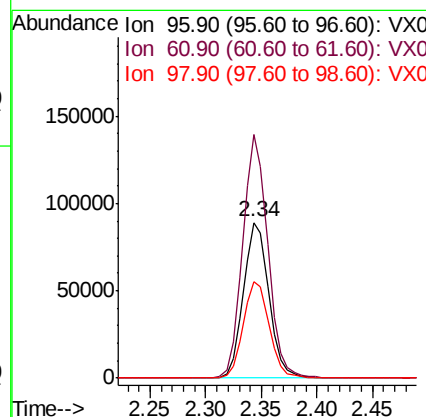
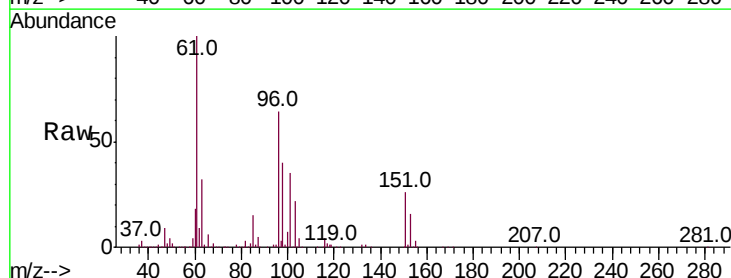
Tot Ion: 59 Resp: 202640
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.9 11.9

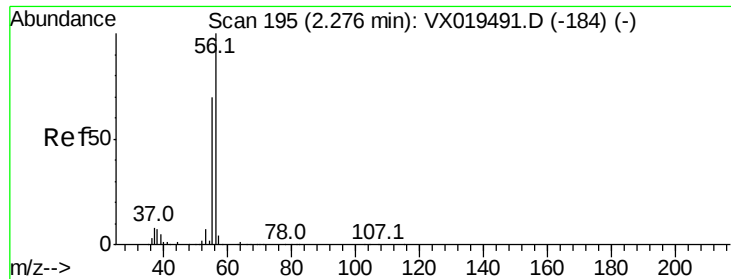


#12

1,1-Dichloroethene
 Concen: 49.526 ug/l
 RT: 2.34 min Scan# 206
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Tgt Ion: 96 Resp: 140929
 Ion Ratio Lower Upper
 96 100
 61 156.3 126.0 189.0
 98 61.8 52.0 78.0

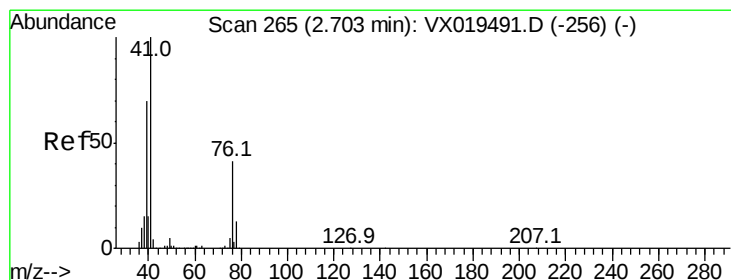
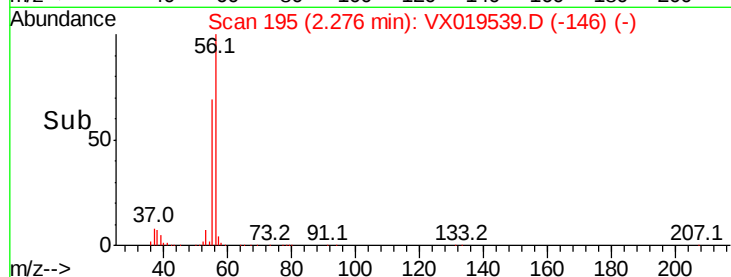
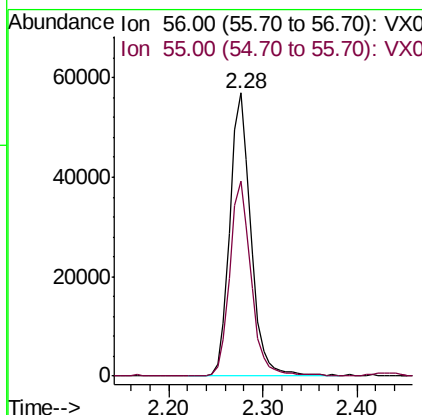
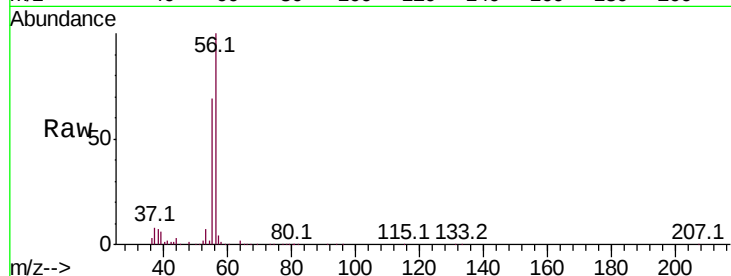




#13
Acrolein
Concen: 188.124 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

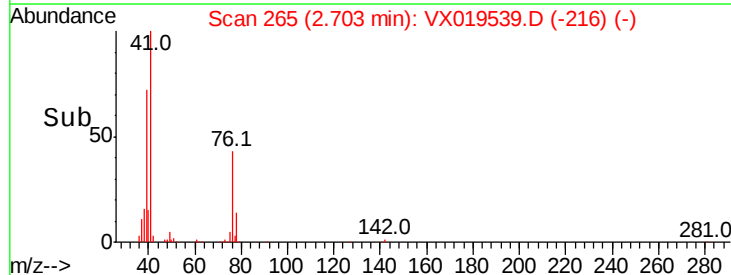
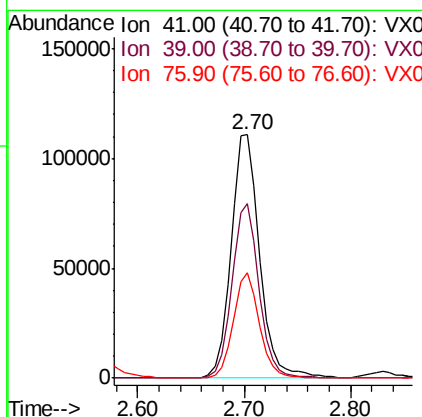
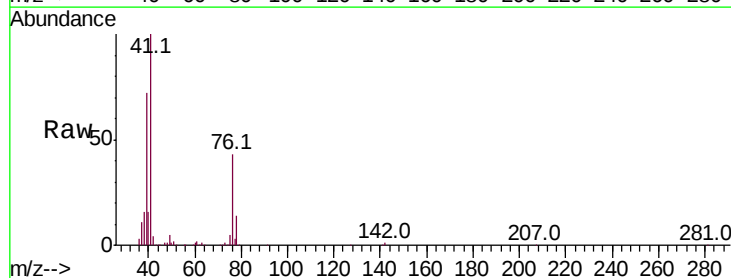
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

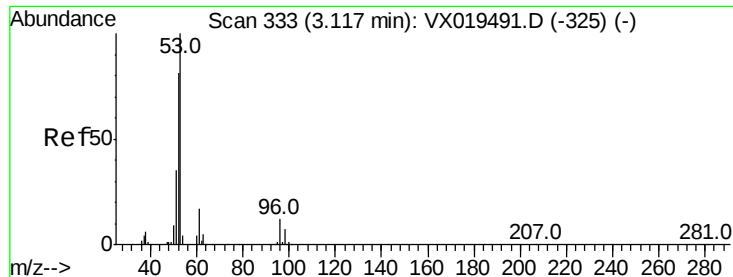
Tot Ion: 56 Resp: 88938
Ion Ratio Lower Upper
56 100
55 68.7 55.5 83.3



#14
Allyl chloride
Concen: 46.653 ug/l
RT: 2.70 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion: 41 Resp: 207970
Ion Ratio Lower Upper
41 100
39 67.6 53.0 79.4
76 39.8 31.0 46.6





#15

Acrylonitrile

Concen: 251.212 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

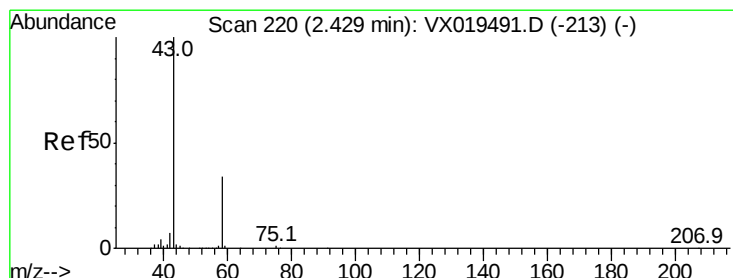
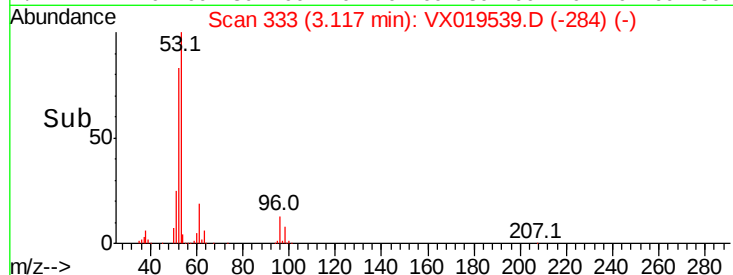
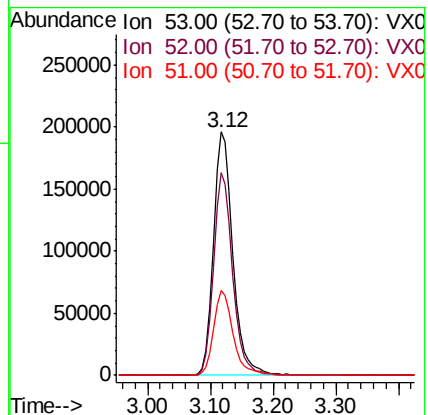
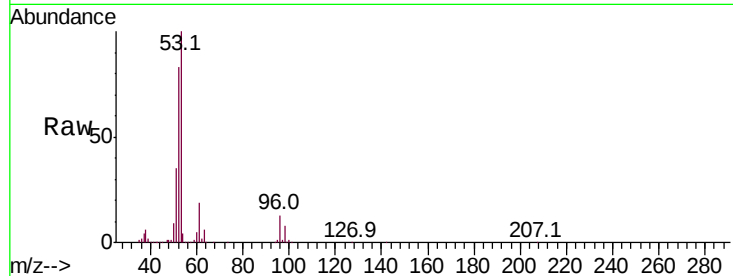
Tot Ion: 53 Resp: 416674

Ion Ratio Lower Upper

53 100

52 82.1 66.2 99.2

51 35.1 28.5 42.7



#16

Acetone

Concen: 235.199 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX019539.D

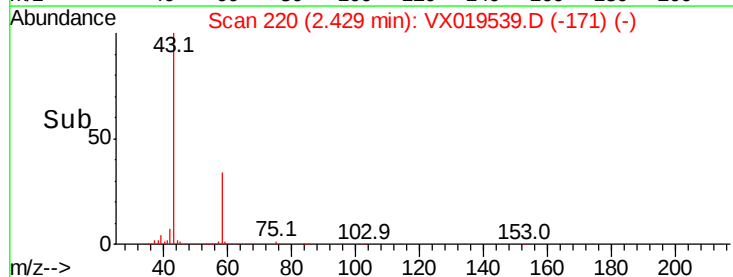
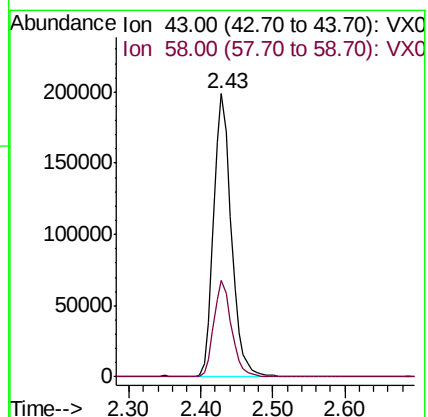
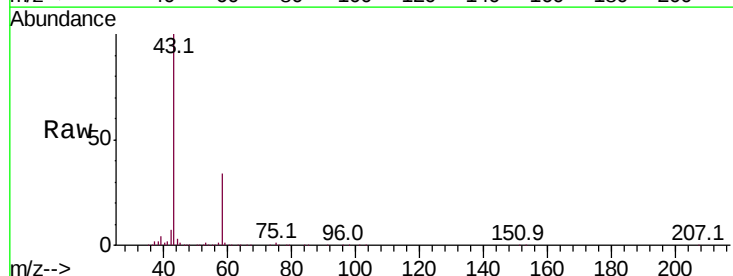
Acq: 21 Nov 2020 10:10

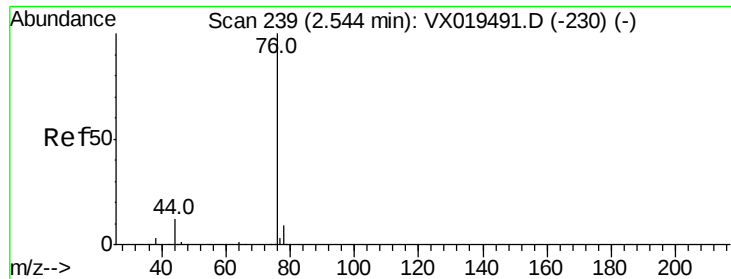
Tgt Ion: 43 Resp: 338019

Ion Ratio Lower Upper

43 100

58 33.9 27.4 41.2

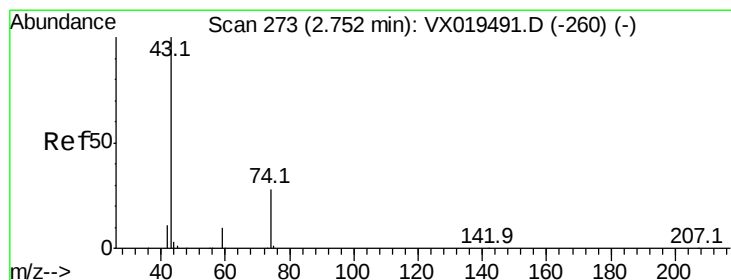
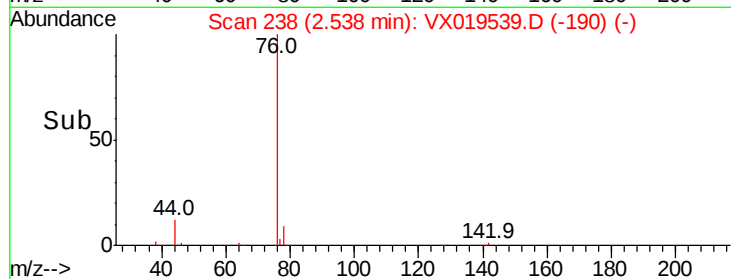
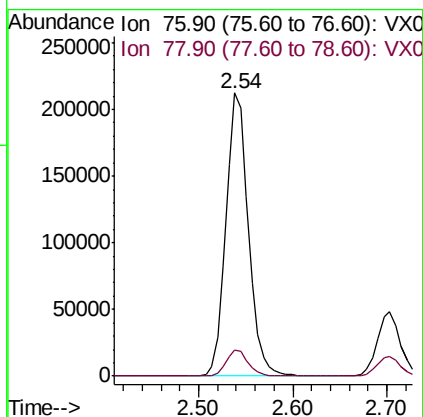
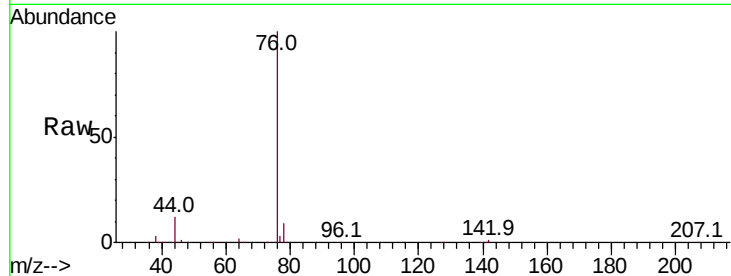




#17
Carbon Disulfide
Concen: 45.876 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.01 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

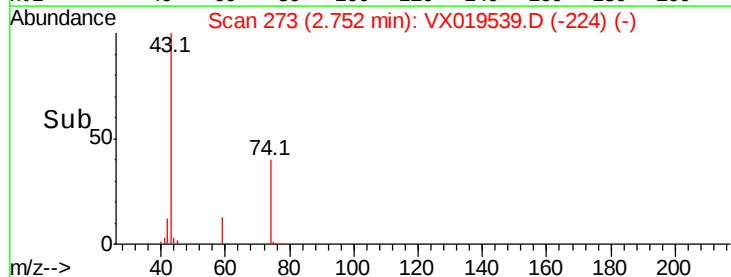
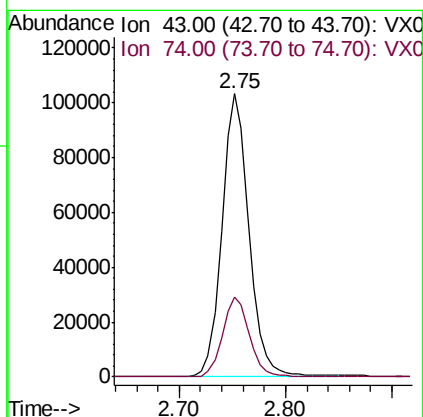
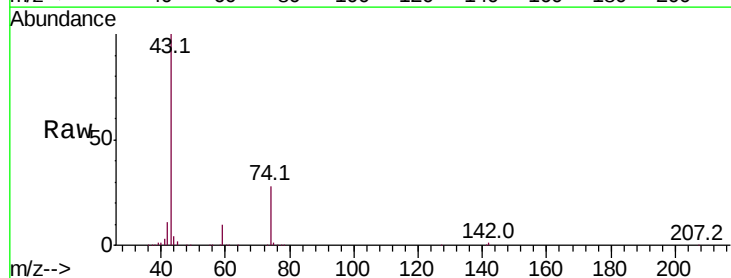
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

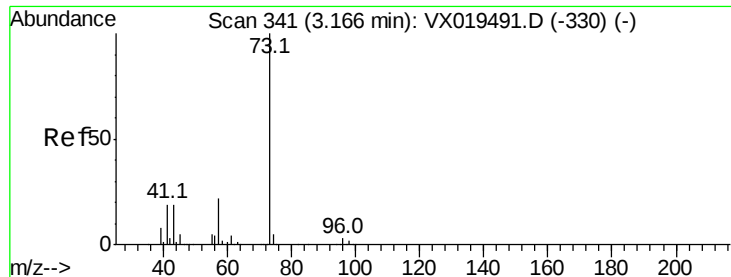
Tot Ion: 76 Resp: 350702
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 51.430 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion: 43 Resp: 181292
Ion Ratio Lower Upper
43 100
74 28.2 22.2 33.4



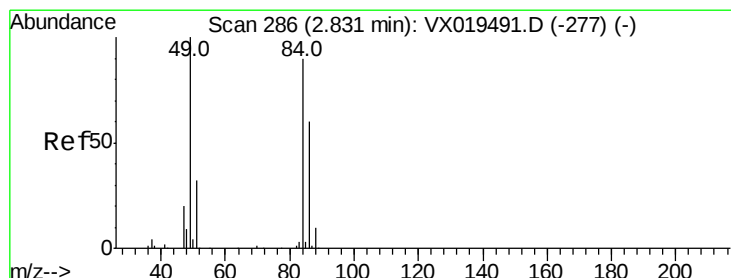
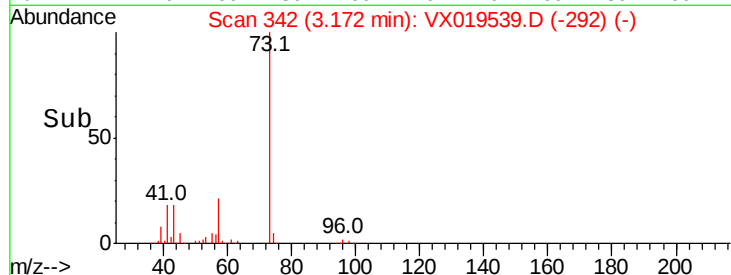
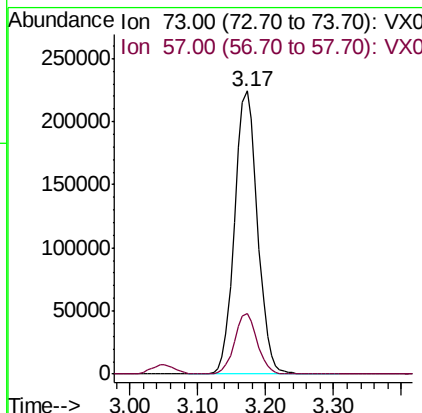
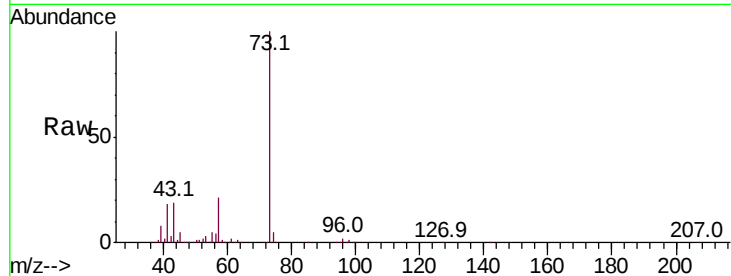


#19

Methyl tert-butyl Ether
 Concen: 53.330 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

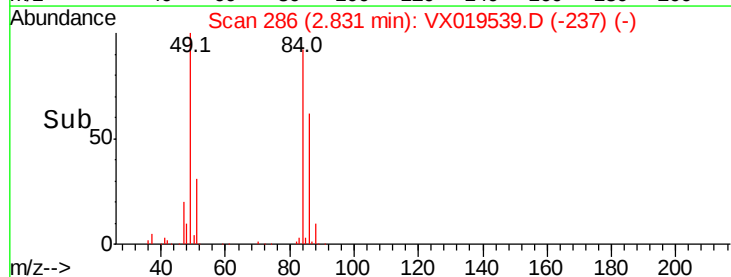
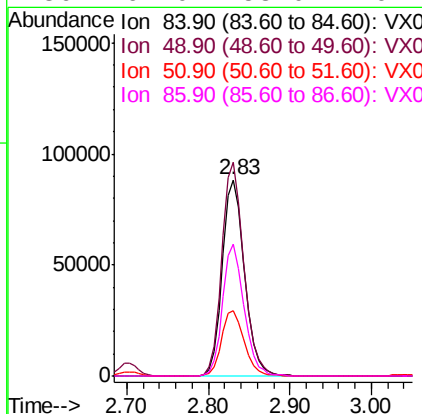
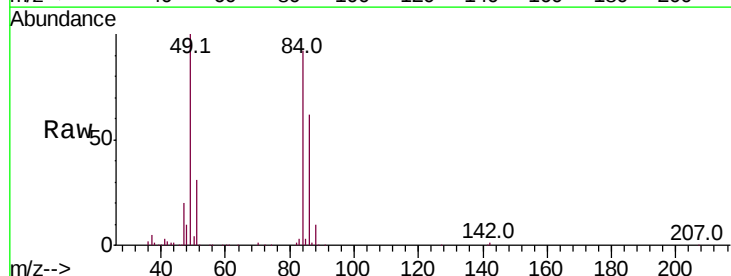
Tot Ion: 73 Resp: 523825
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.3 25.9

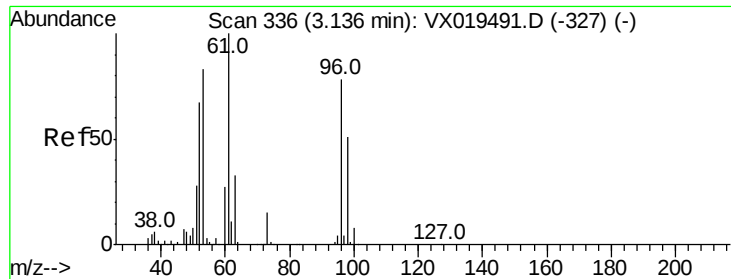


#20

Methylene Chloride
 Concen: 46.455 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Tgt Ion: 84 Resp: 166869
 Ion Ratio Lower Upper
 84 100
 49 108.8 88.5 132.7
 51 33.6 28.0 42.0
 86 67.0 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 49.120 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

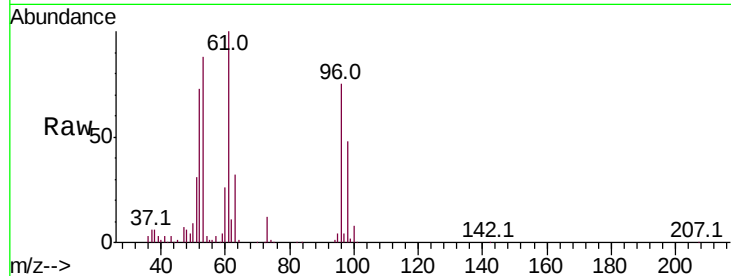
Tot Ion: 96 Resp: 158365

Ion Ratio Lower Upper

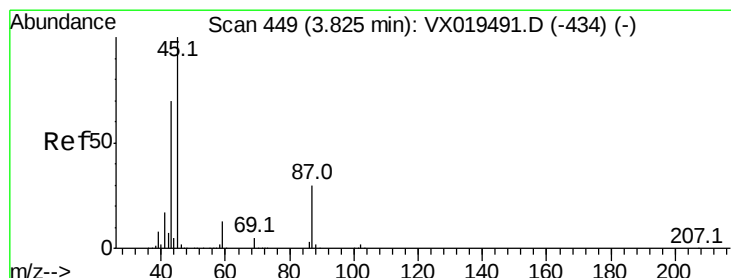
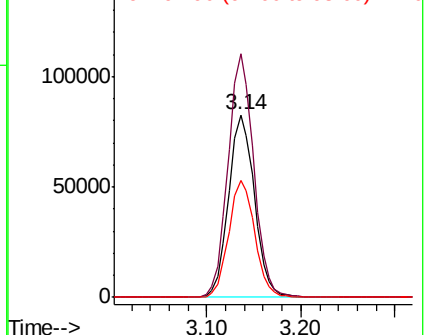
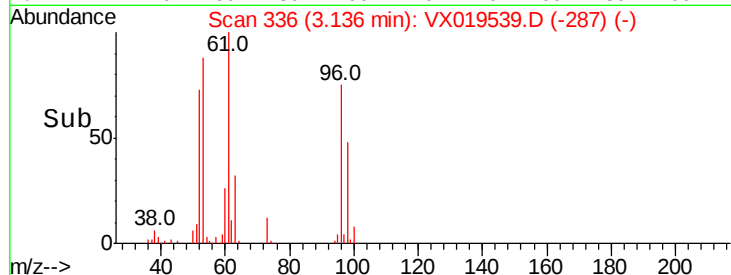
96 100

61 133.2 102.9 154.3

98 64.2 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.132 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Tgt Ion: 45 Resp: 471527

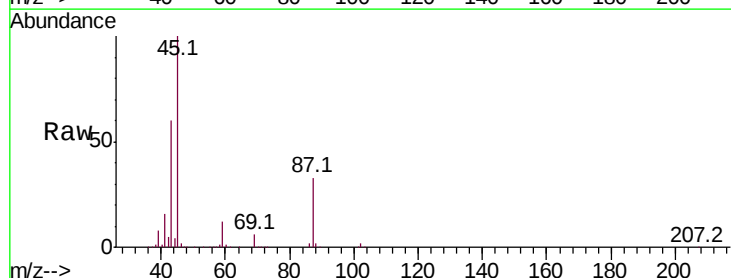
Ion Ratio Lower Upper

45 100

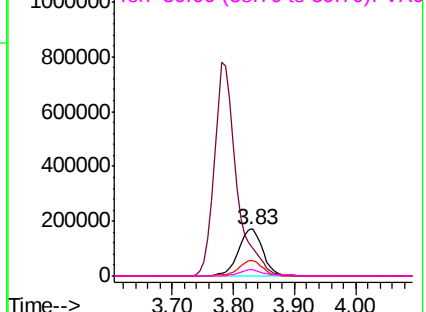
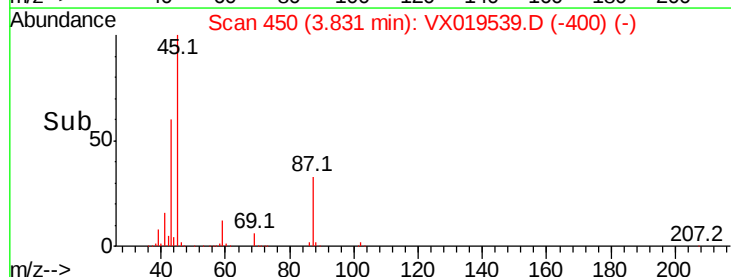
43 59.9 56.1 84.1

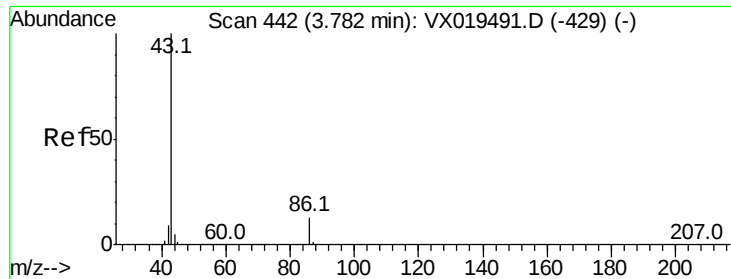
87 32.5 24.2 36.2

59 12.4 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: 259.246 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

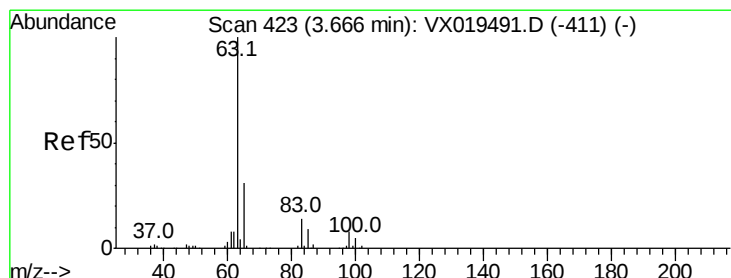
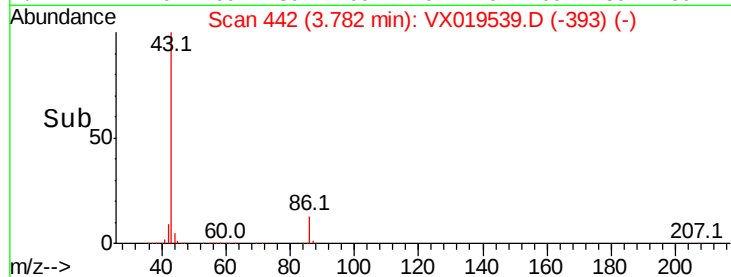
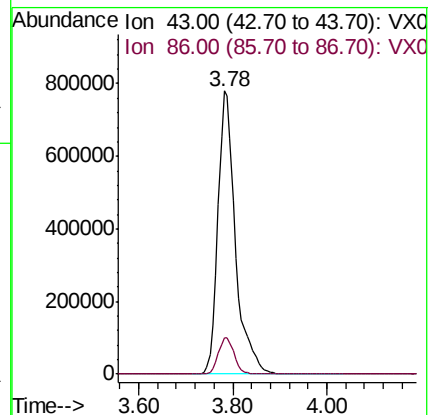
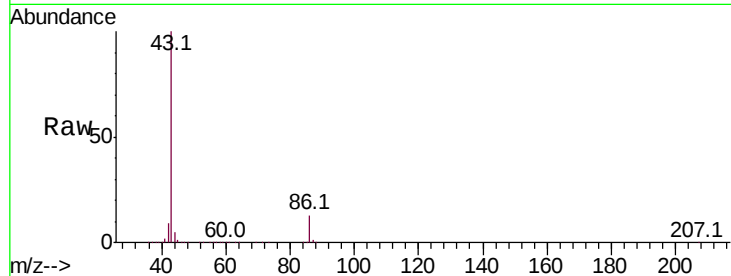
VSTDCCC050EC

Tot Ion: 43 Resp: 2005300

Ion Ratio Lower Upper

43 100

86 12.7 10.2 15.2



#24

1,1-Dichloroethane

Concen: 50.192 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

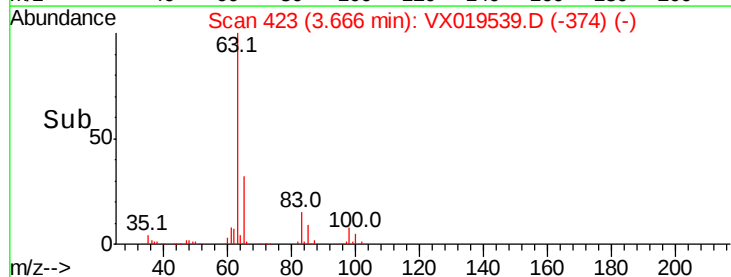
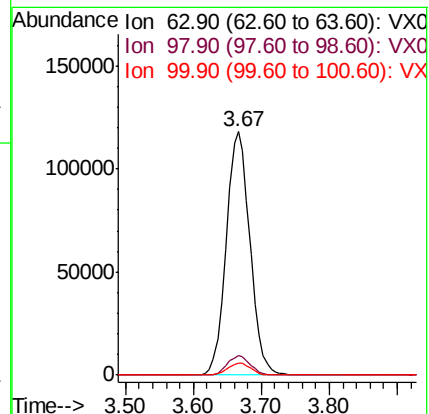
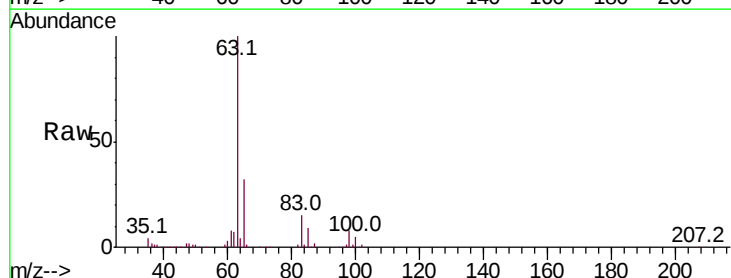
Tgt Ion: 63 Resp: 283108

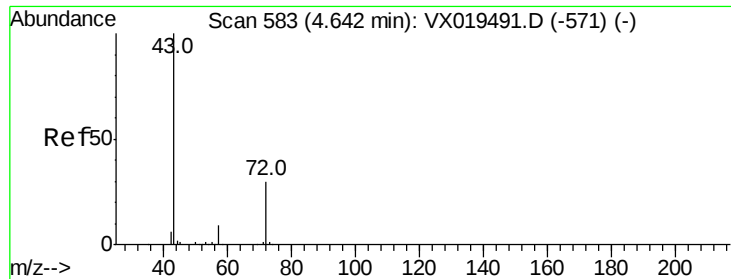
Ion Ratio Lower Upper

63 100

98 8.2 3.9 11.7

100 5.2 2.4 7.1





#25

2-Butanone

Concen: 245.621 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

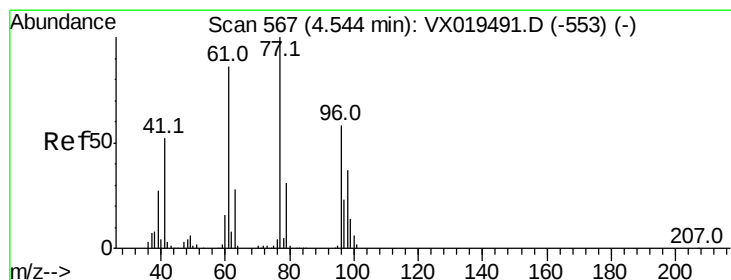
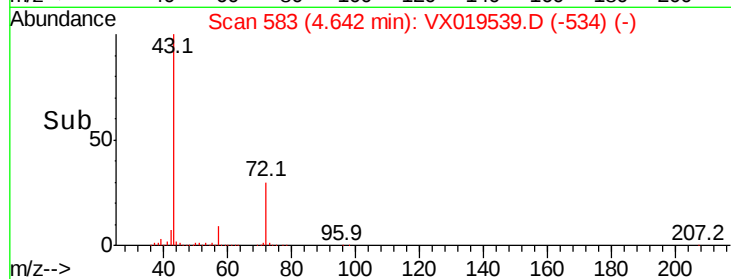
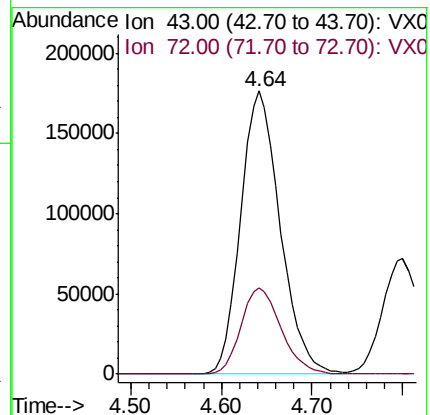
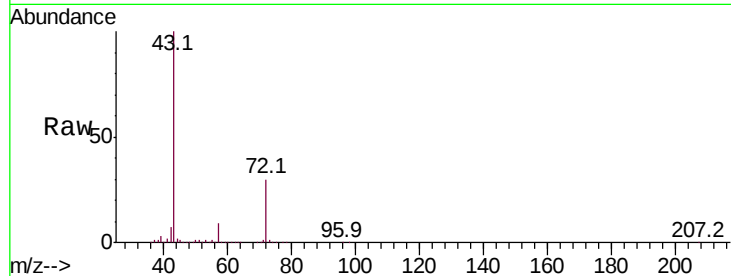
VSTDCCC050EC

Tot Ion: 43 Resp: 530268

Ion Ratio Lower Upper

43 100

72 30.2 24.0 36.0



#26

2,2-Dichloropropane

Concen: 33.191 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX019539.D

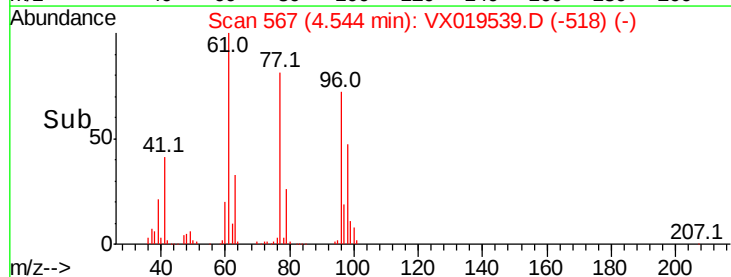
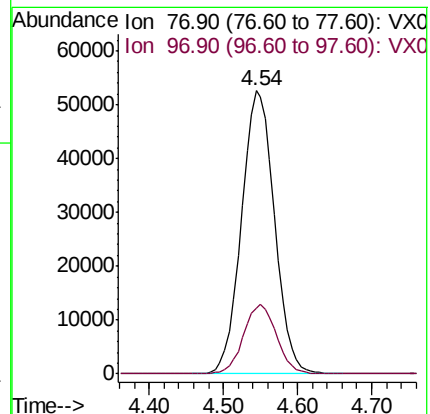
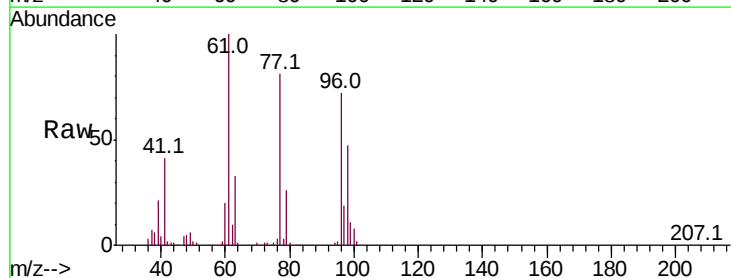
Acq: 21 Nov 2020 10:10

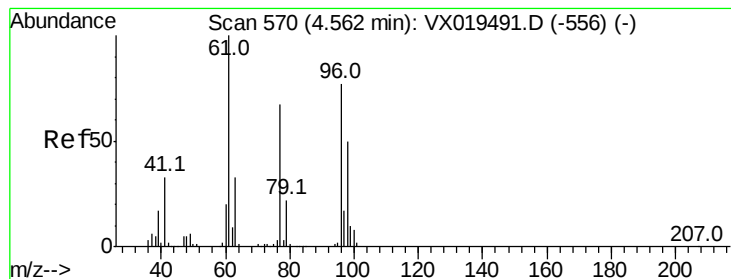
Tgt Ion: 77 Resp: 163410

Ion Ratio Lower Upper

77 100

97 24.6 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 51.153 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

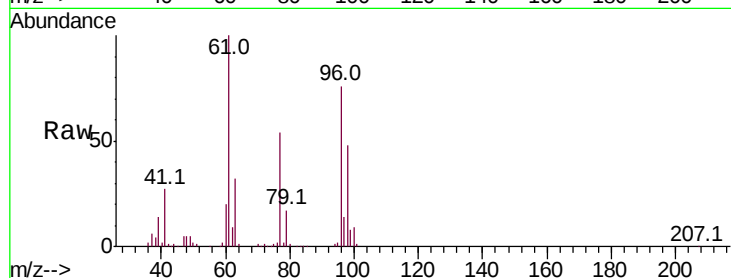
Tot Ion: 96 Resp: 189440

Ion Ratio Lower Upper

96 100

61 135.1 0.0 279.2

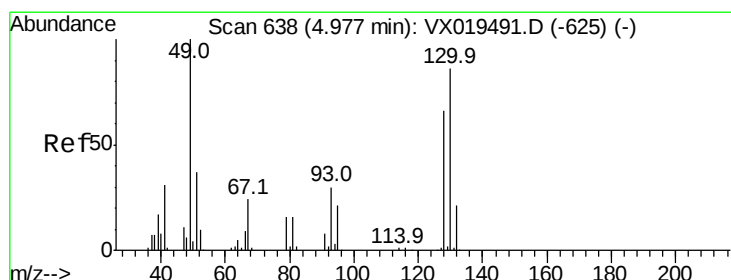
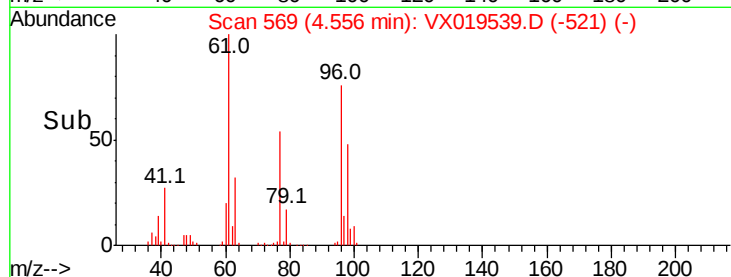
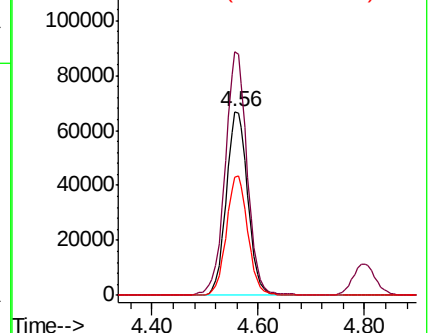
98 64.5 0.0 129.8



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: 44.239 ug/l

RT: 4.98 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

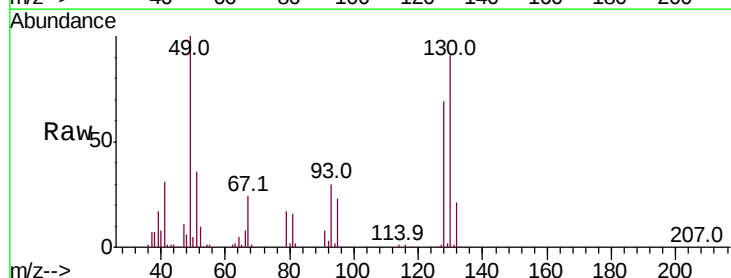
Tgt Ion: 49 Resp: 119300

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

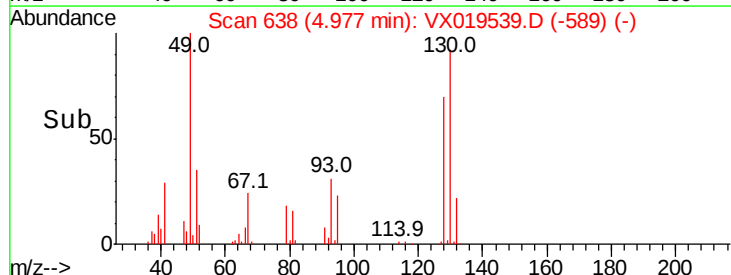
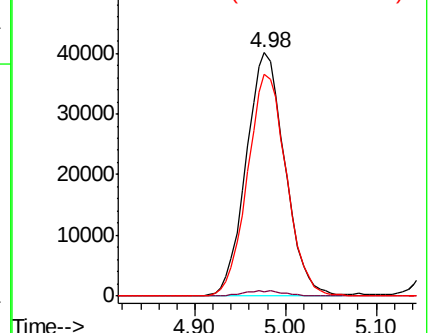
130 91.1 69.0 103.6

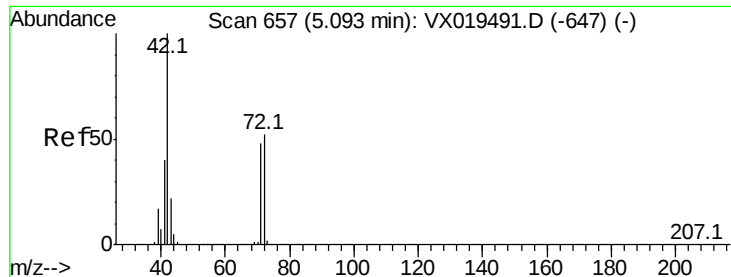


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

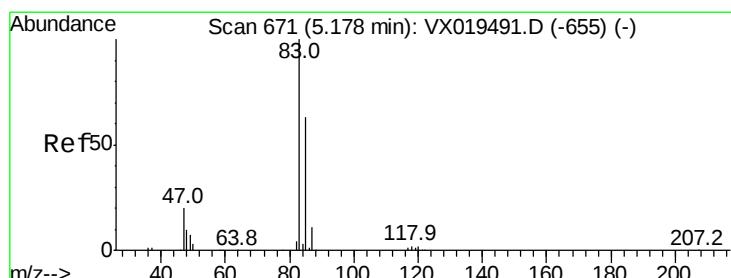
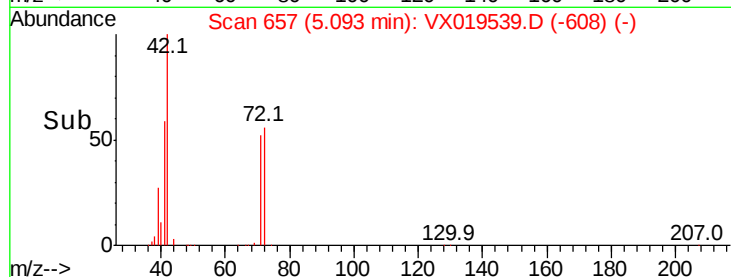
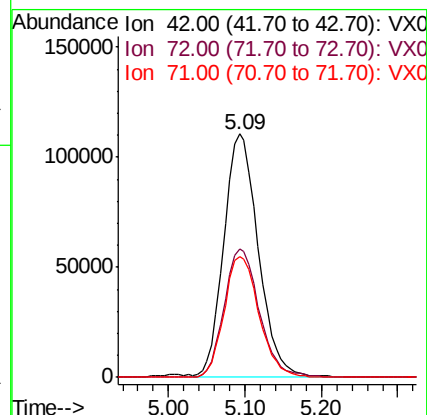
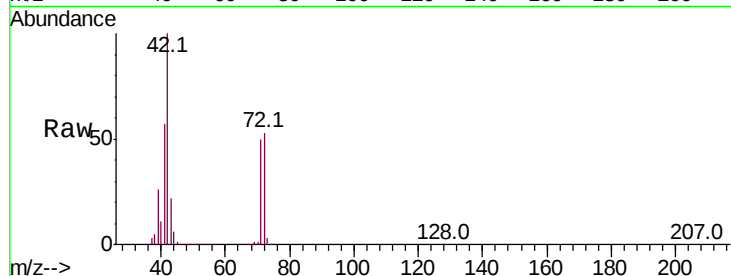




#29
Tetrahydrofuran
Concen: 249.013 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

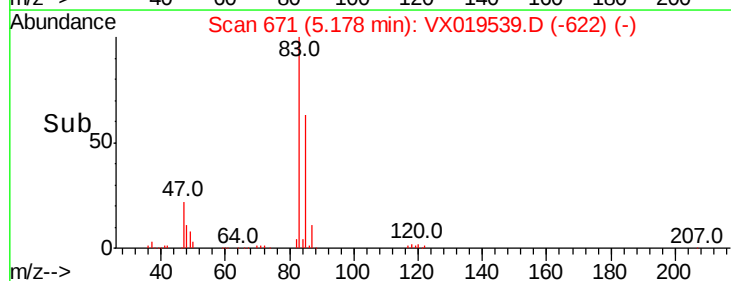
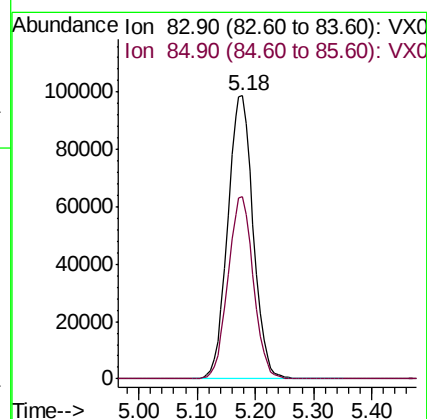
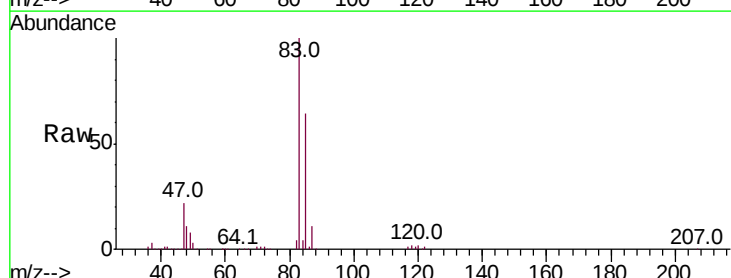
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

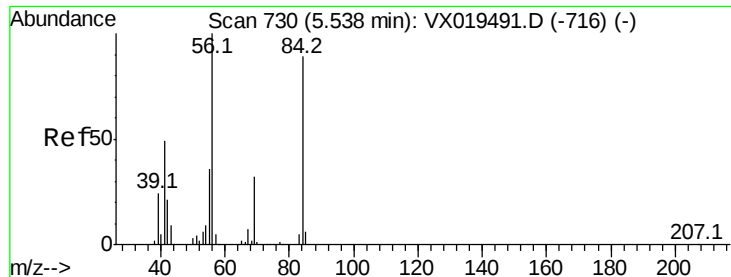
Tot Ion: 42 Resp: 343008
Ion Ratio Lower Upper
42 100
72 54.3 42.6 63.8
71 50.6 39.0 58.6



#30
Chloroform
Concen: 50.744 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion: 83 Resp: 299291
Ion Ratio Lower Upper
83 100
85 64.4 50.5 75.7

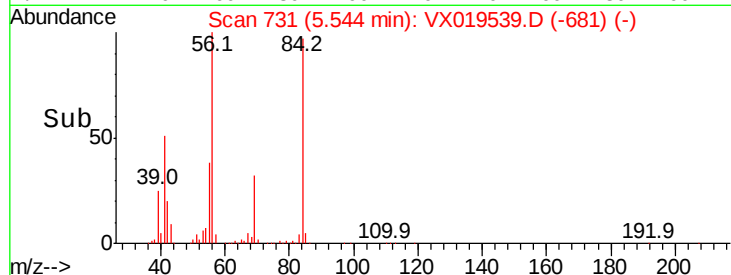
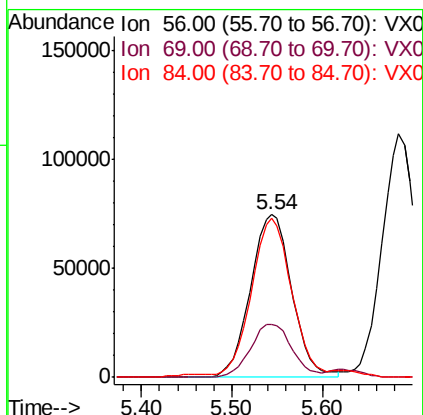
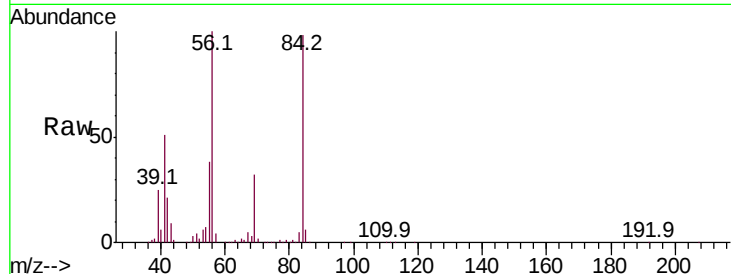




#31
Cvclohexane
Concen: 48.687 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.01 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

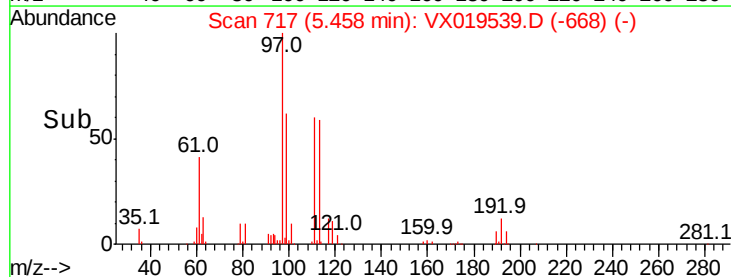
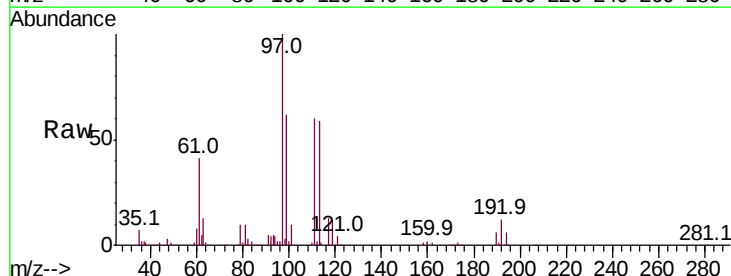
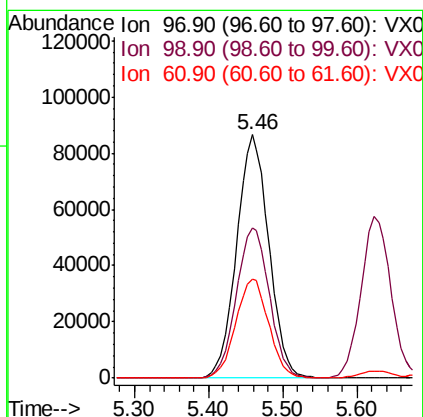
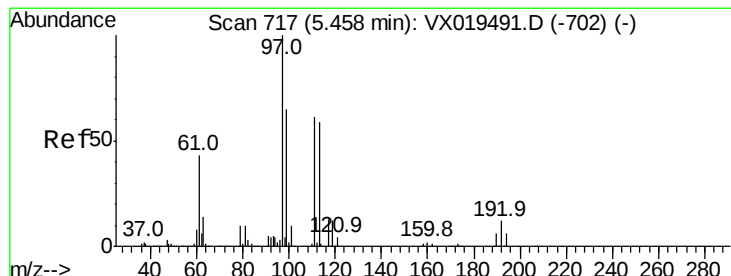
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

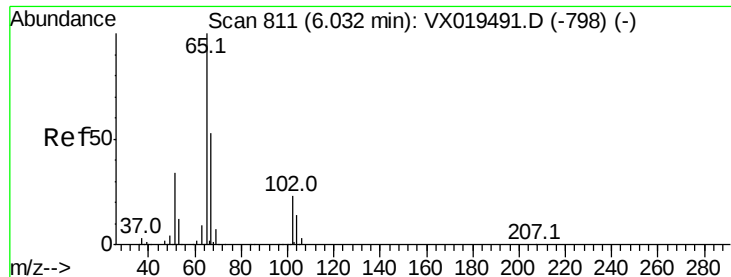
Tot Ion: 56 Resp: 235329
Ion Ratio Lower Upper
56 100
69 32.3 25.5 38.3
84 95.8 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 51.812 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion: 97 Resp: 262498
Ion Ratio Lower Upper
97 100
99 63.5 51.4 77.0
61 41.7 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 49.643 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

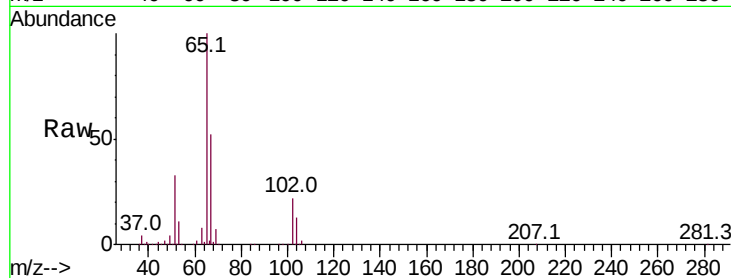
VSTDCCC050EC

Tot Ion: 65 Resp: 184488

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

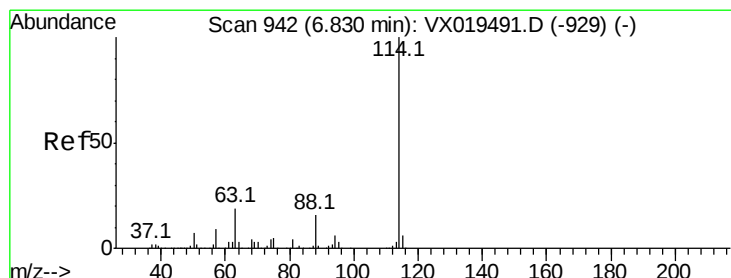
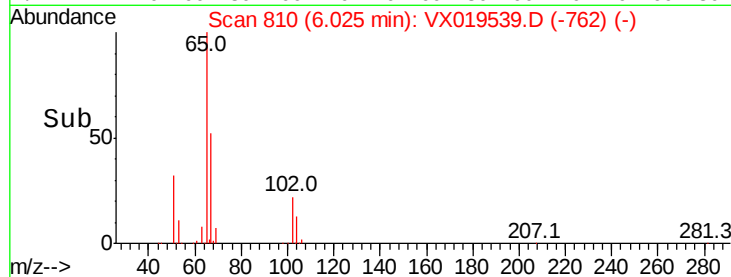
40000

20000

0

5.90 6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

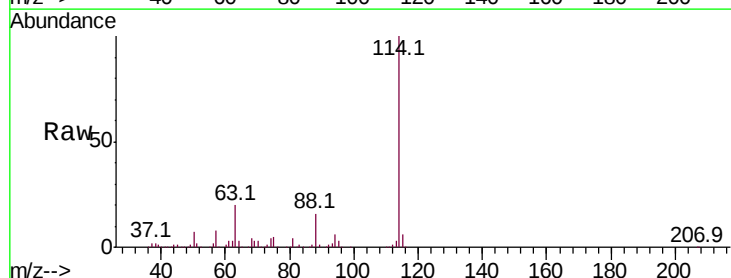
Tgt Ion:114 Resp: 484369

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.8

88 15.7 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

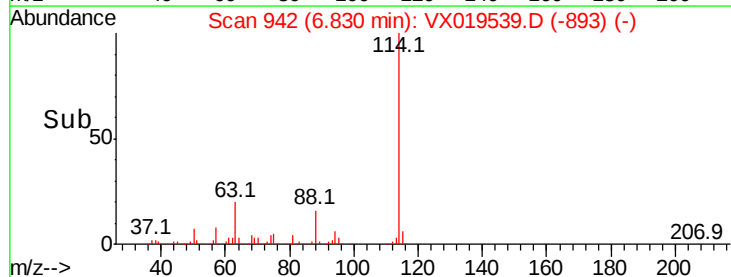
100000

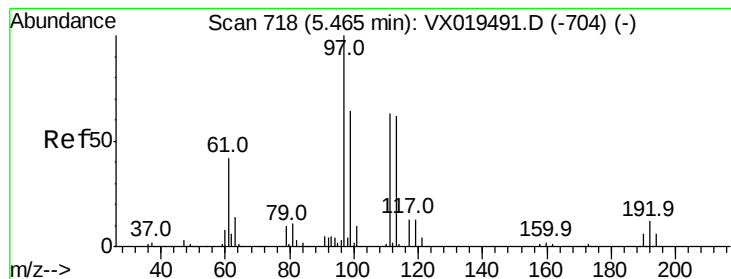
50000

0

6.70 6.80 6.90 7.00 7.10

Time-->





#35

Dibromofluoromethane

Concen: 49.295 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

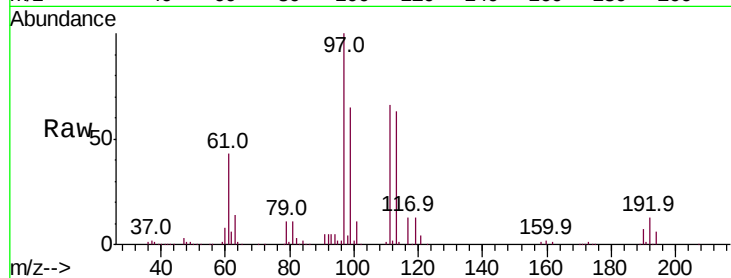
Tot Ion:113 Resp: 149875

Ion Ratio Lower Upper

113 100

111 102.9 81.5 122.3

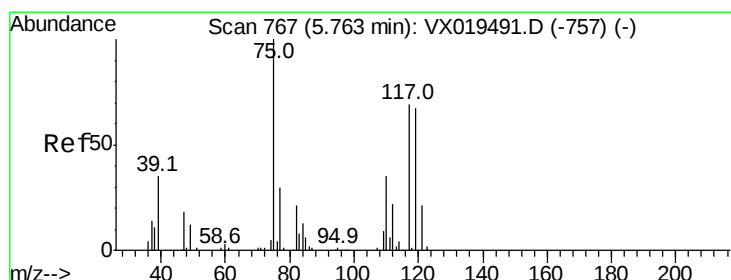
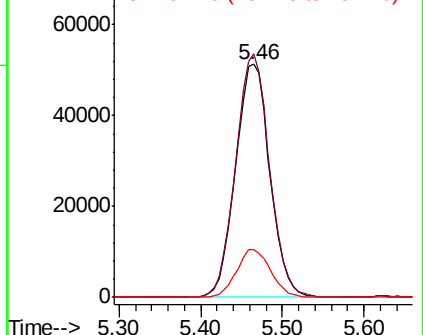
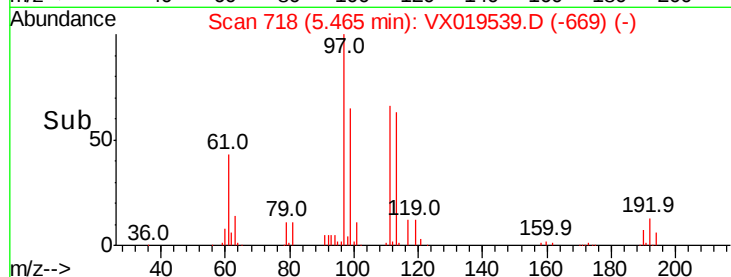
192 20.5 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.708 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

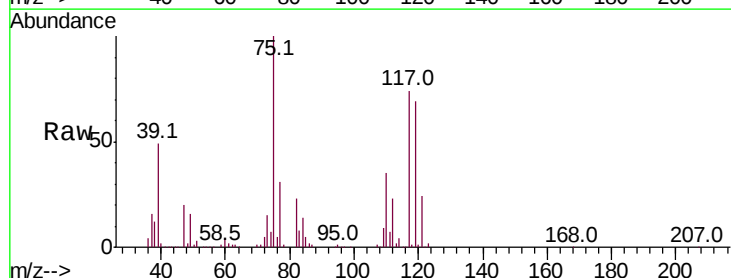
Tgt Ion: 75 Resp: 216639

Ion Ratio Lower Upper

75 100

110 36.1 18.1 54.3

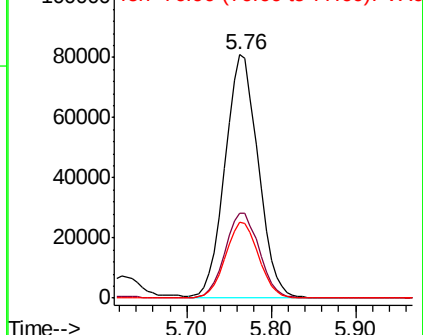
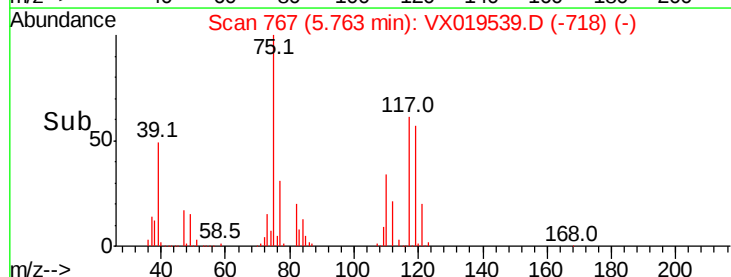
77 31.4 24.2 36.4

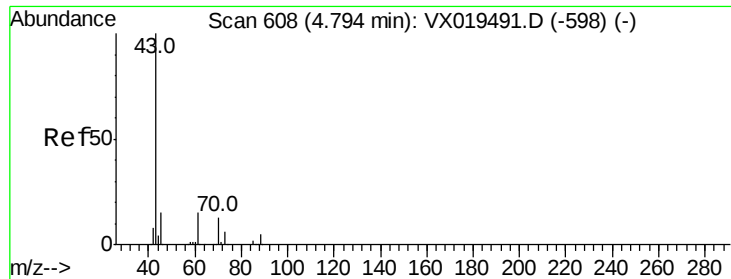


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

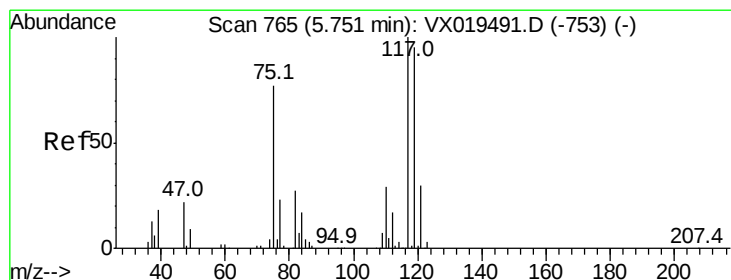
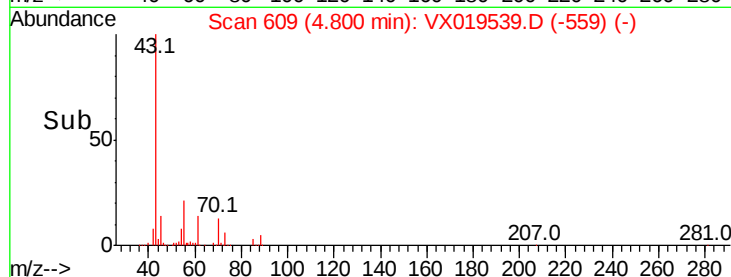
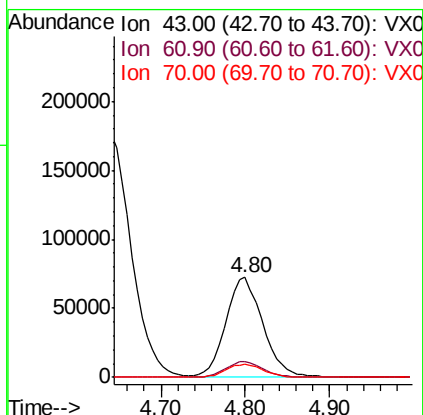
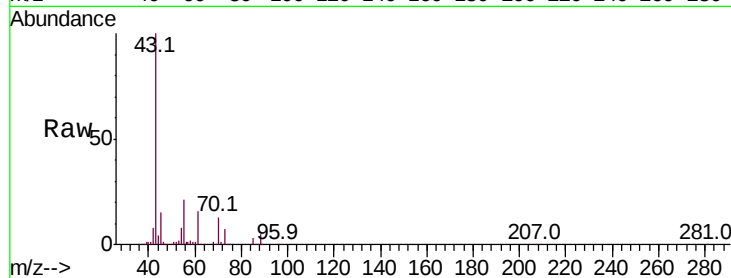




#37
Ethyl Acetate
Concen: 50.203 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

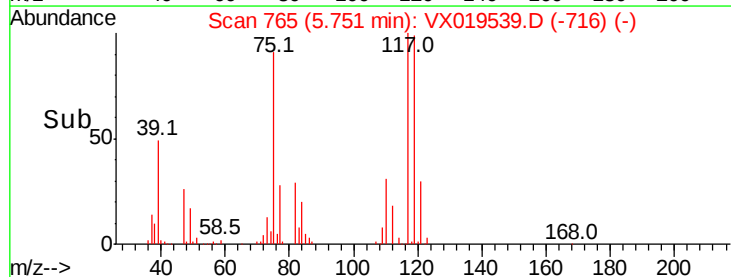
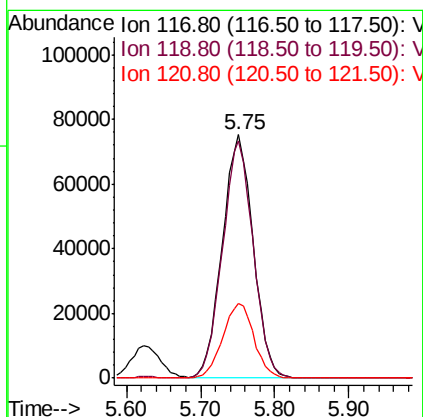
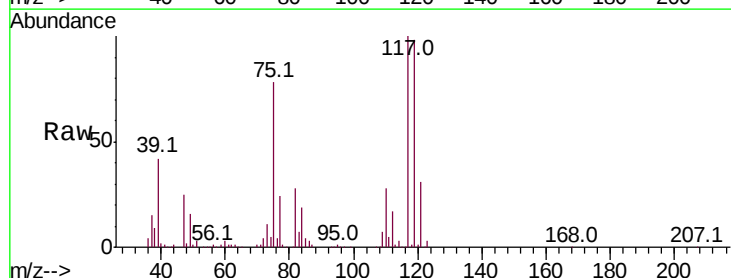
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

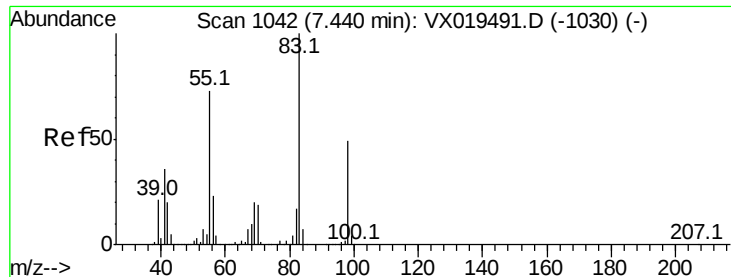
Tot Ion: 43 Resp: 214015
Ion Ratio Lower Upper
43 100
61 15.9 12.7 19.1
70 13.3 10.2 15.2



#38
Carbon Tetrachloride
Concen: 49.576 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion: 117 Resp: 217902
Ion Ratio Lower Upper
117 100
119 97.6 75.9 113.9
121 30.6 24.0 36.0

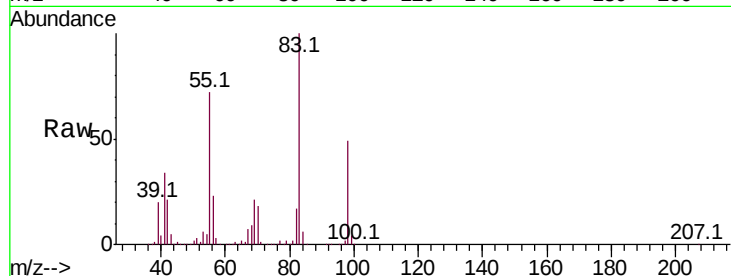




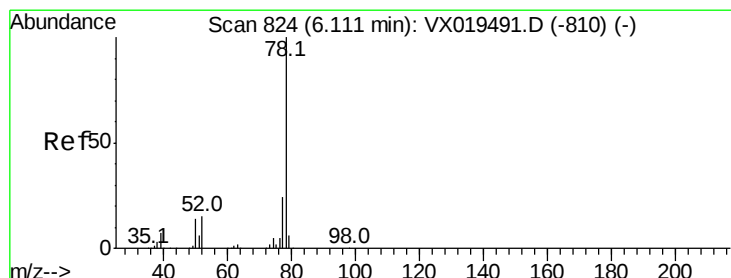
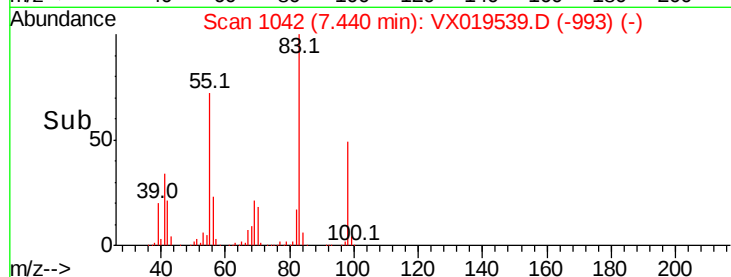
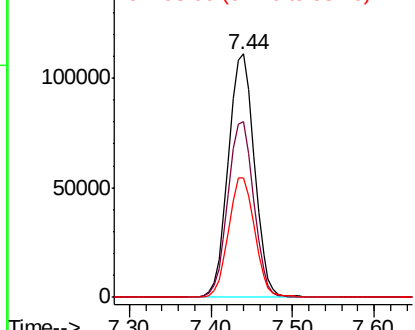
#39
Methvlcvclohexane
Concen: 46.391 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 245285
Ion Ratio Lower Upper
83 100
55 72.4 58.3 87.5
98 48.8 38.9 58.3

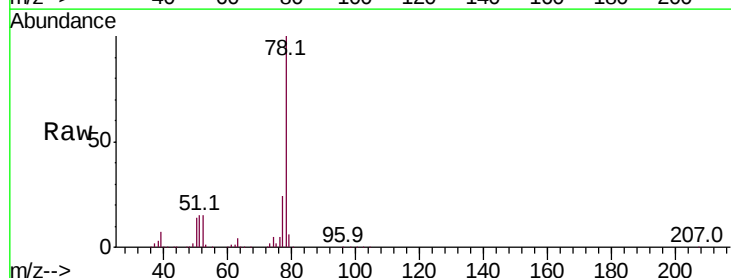


Abundance Ion 83.00 (82.70 to 83.70): VX0
150000 Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

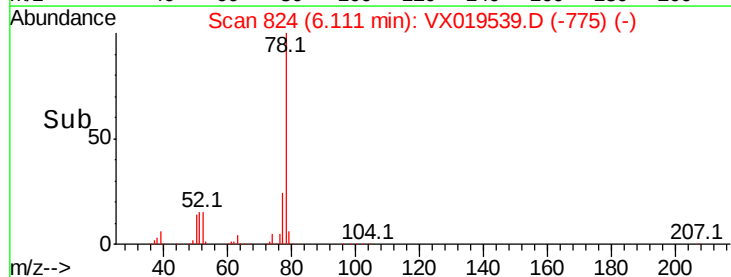
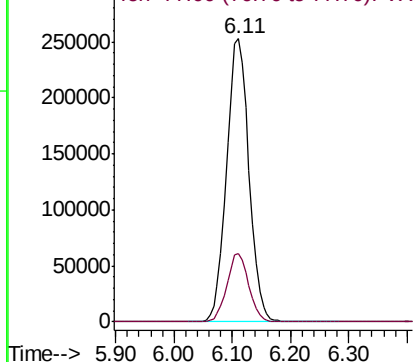


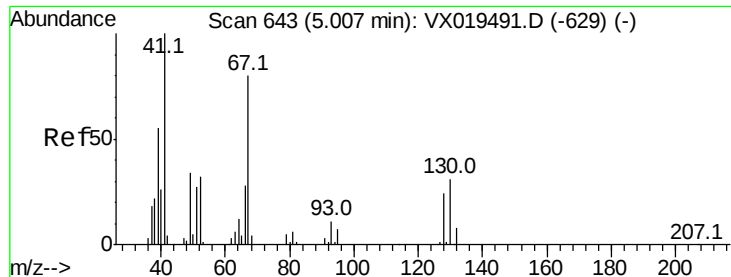
#40
Benzene
Concen: 48.484 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion: 78 Resp: 676453
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
300000 Ion 77.00 (76.70 to 77.70): VX0

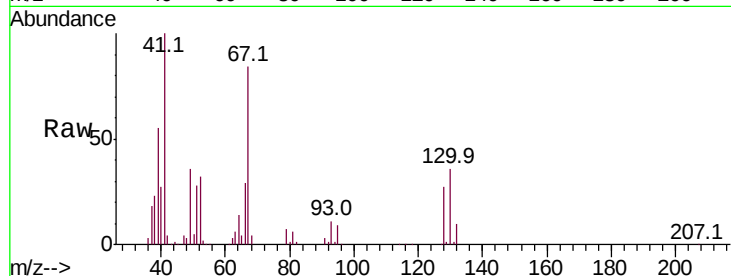




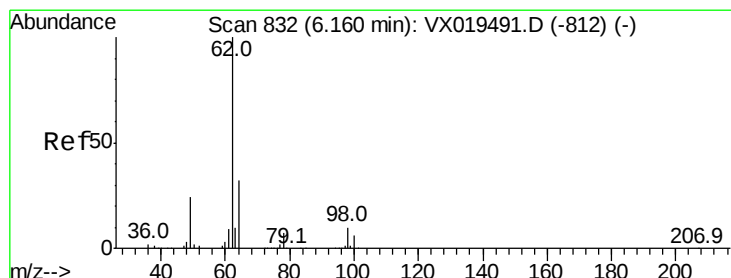
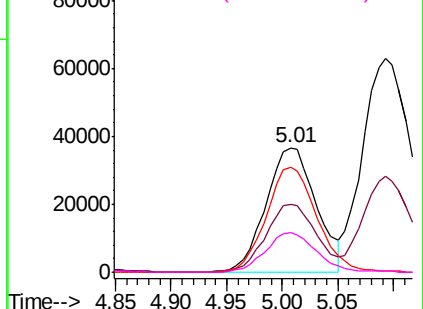
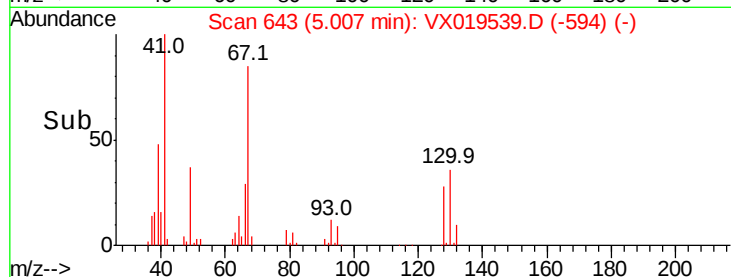
#41
Methacrylonitrile
Concen: 49.018 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 115233
Ion Ratio Lower Upper
41 100
39 54.3 43.3 64.9
67 85.2 66.0 99.0
52 32.2 25.4 38.2

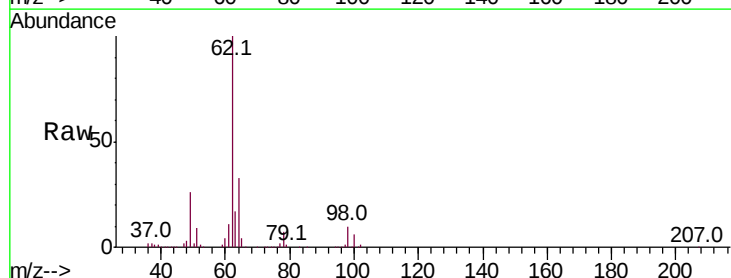


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

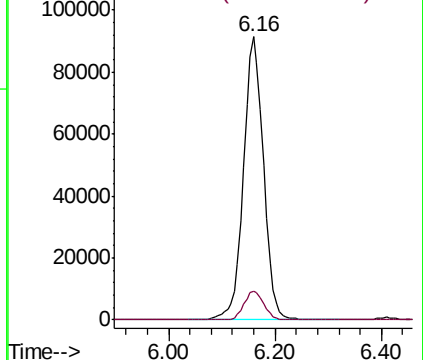
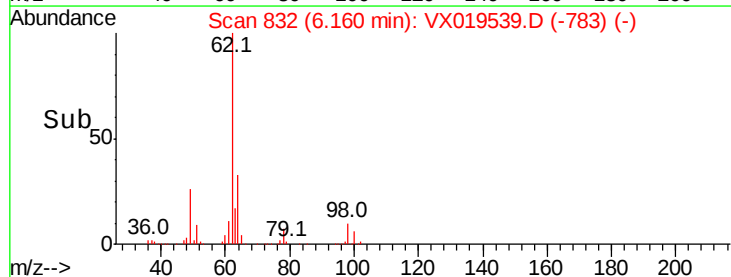


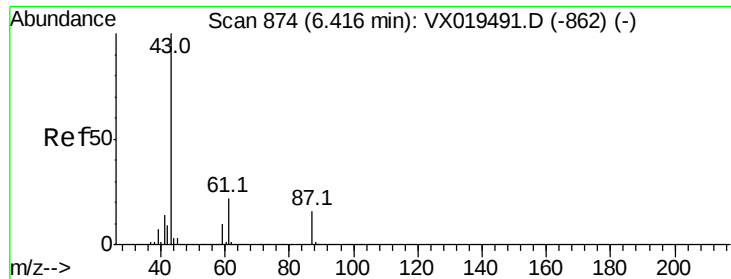
#42
1,2-Dichloroethane
Concen: 49.408 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion: 62 Resp: 236277
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.0



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



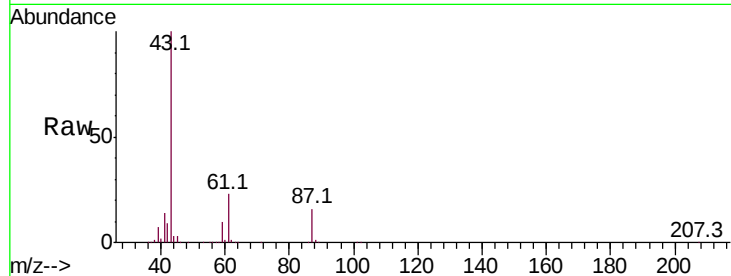


#43

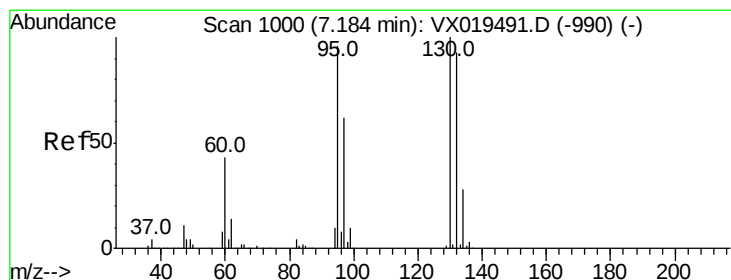
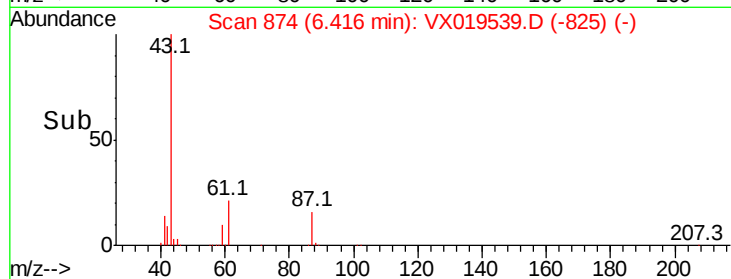
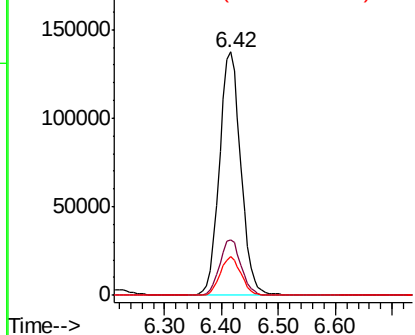
Isopropyl Acetate
 Concen: 49.678 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 356002
 Ion Ratio Lower Upper
 43 100
 61 22.9 18.2 27.2
 87 15.7 12.6 18.8



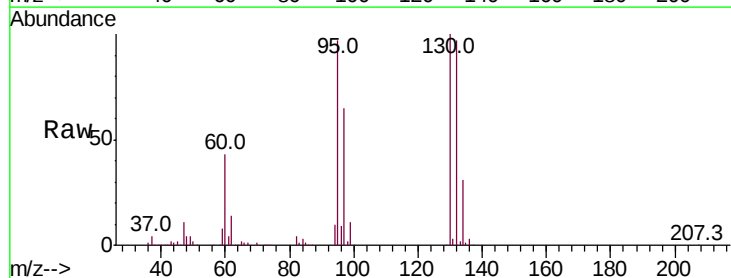
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



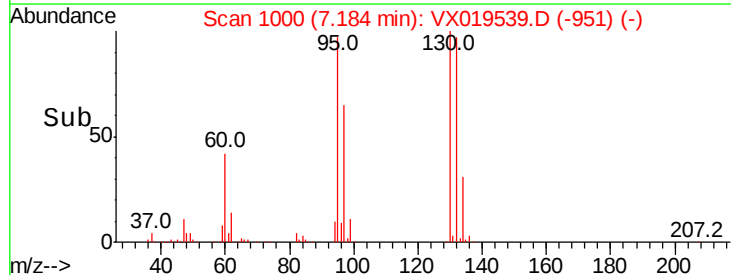
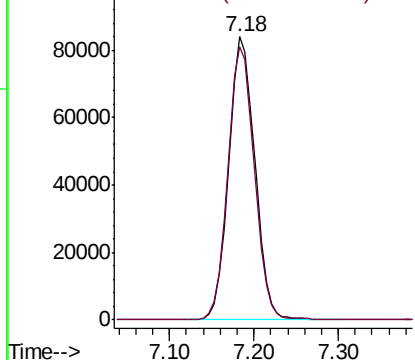
#44

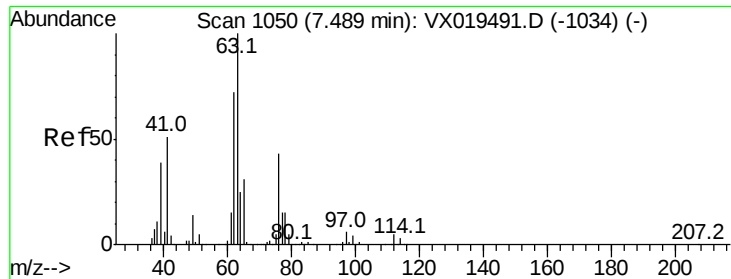
Trichloroethene
 Concen: 48.420 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Tgt Ion: 130 Resp: 176956
 Ion Ratio Lower Upper
 130 100
 95 96.7 0.0 191.2



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





#45

1,2-Dichloropropane

Concen: 48.868 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

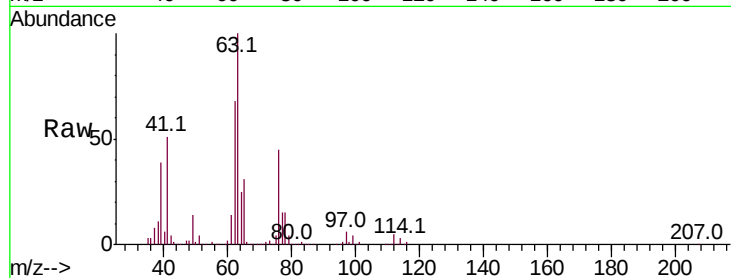
VSTDCCC050EC

Tot Ion: 63 Resp: 167848

Ion Ratio Lower Upper

63 100

65 30.7 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

80000

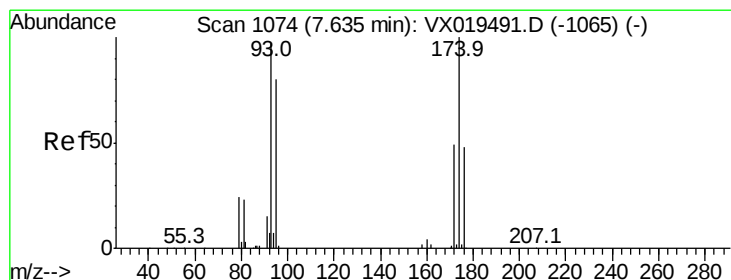
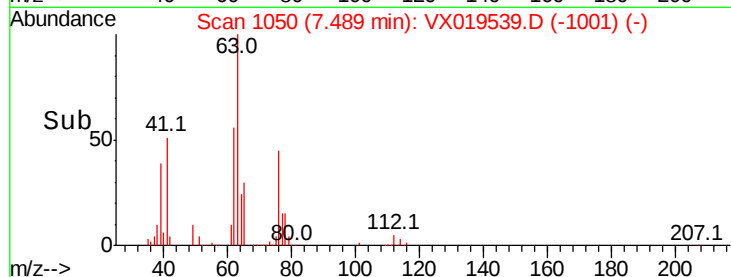
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 49.196 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

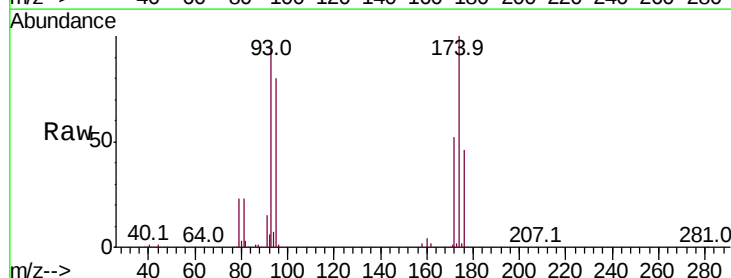
Tgt Ion: 93 Resp: 115652

Ion Ratio Lower Upper

93 100

95 84.0 66.8 100.2

174 103.6 83.0 124.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

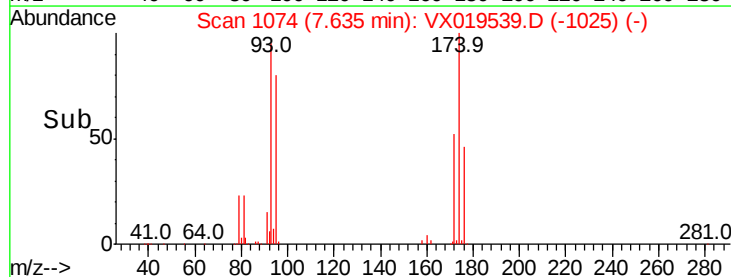
60000

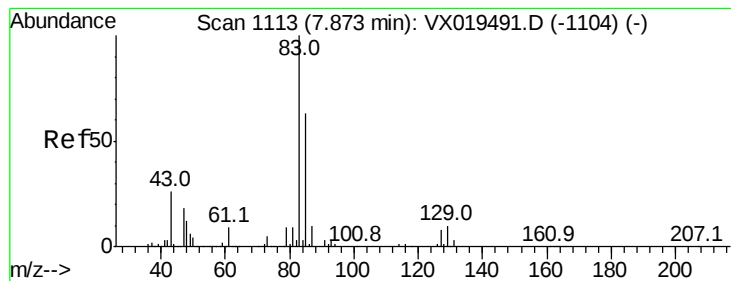
40000

20000

0

Time--> 7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 49.937 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

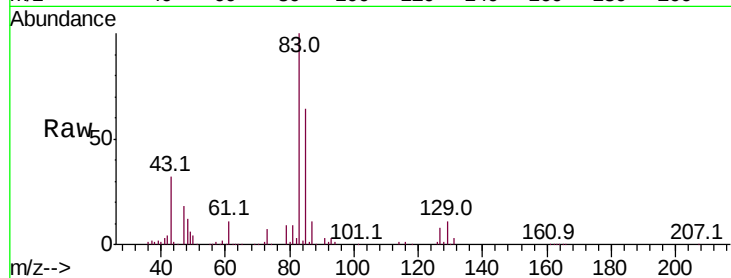
Tot Ion: 83 Resp: 227799

Ion Ratio Lower Upper

83 100

85 63.8 50.2 75.2

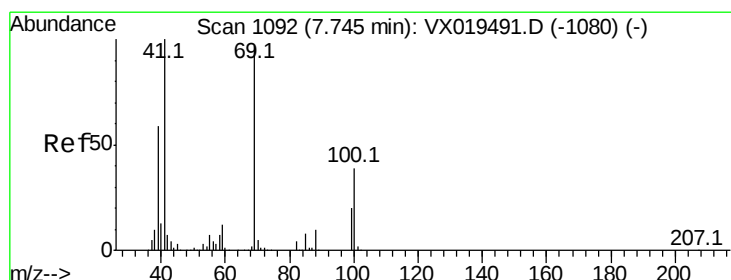
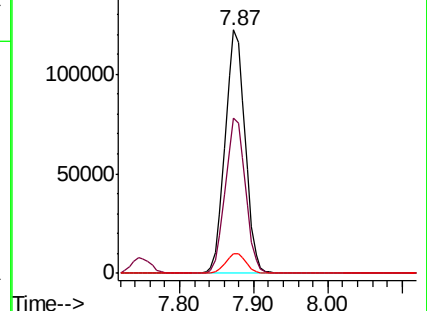
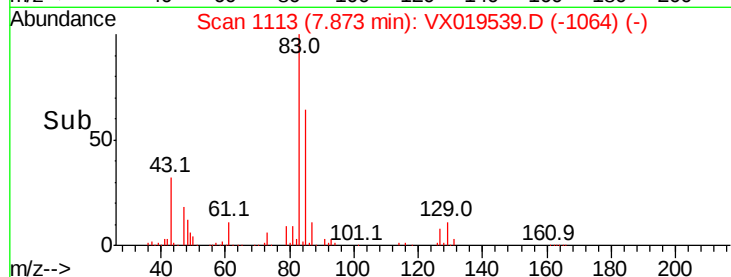
127 8.3 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.154 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

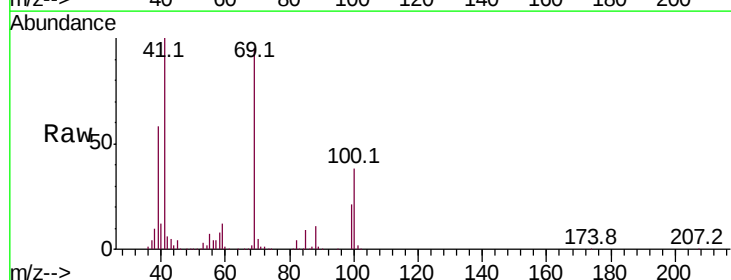
Tgt Ion: 41 Resp: 171679

Ion Ratio Lower Upper

41 100

69 96.7 77.0 115.6

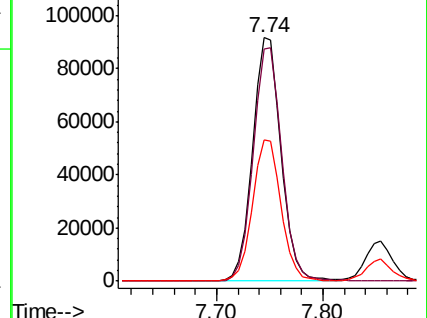
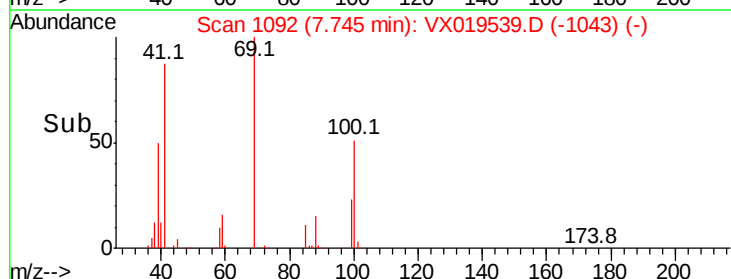
39 58.1 45.6 68.4

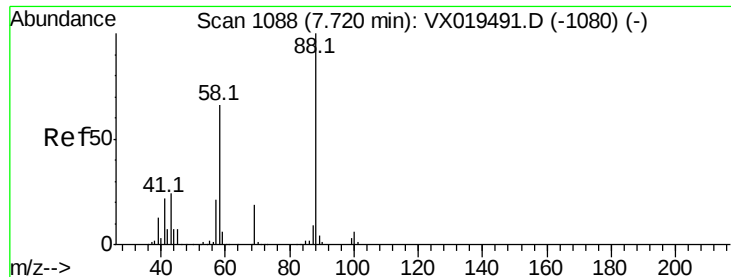


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

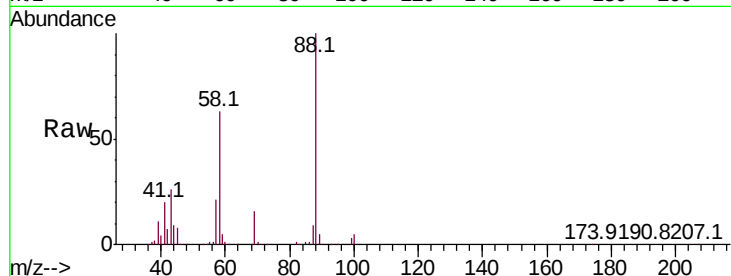




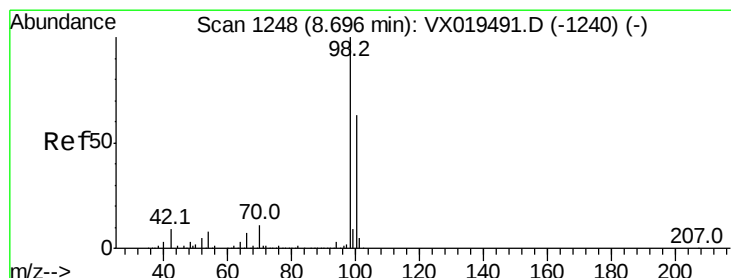
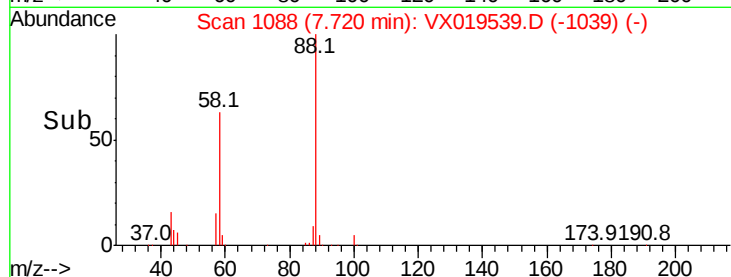
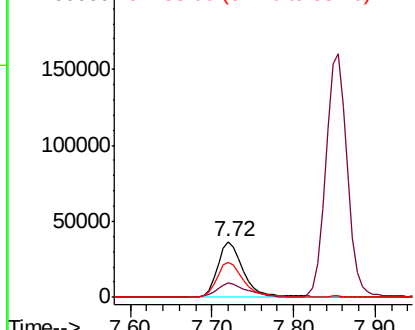
#49
 1,4-Dioxane
 Concen: 1072.972 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 81762
 Ion Ratio Lower Upper
 88 100
 43 28.3 23.8 35.6
 58 66.4 54.2 81.2

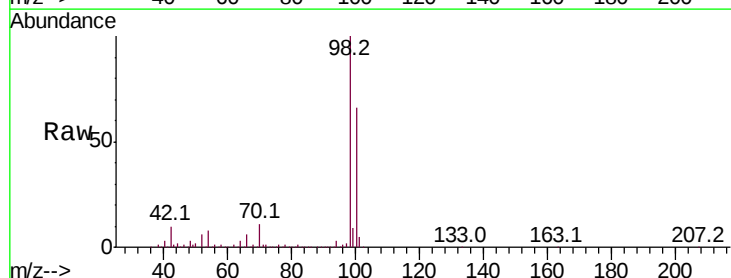


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

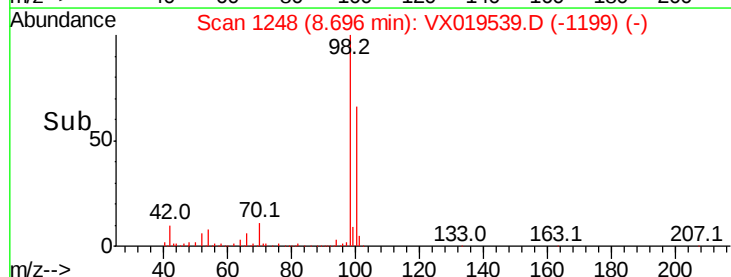
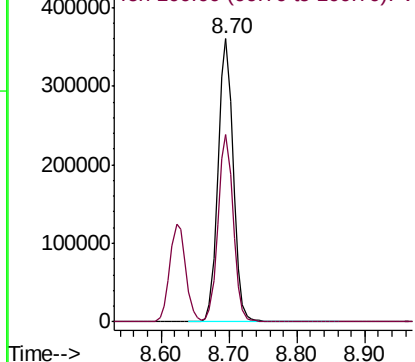


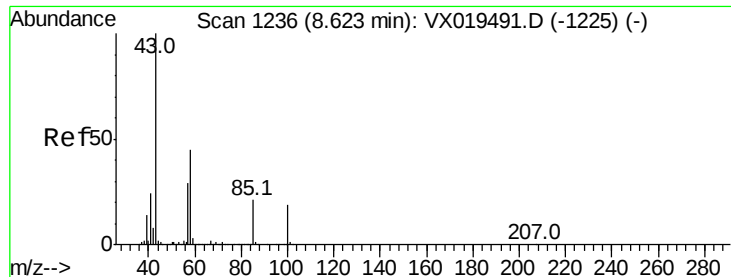
#50
 Toluene-d8
 Concen: 47.096 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Tgt Ion: 98 Resp: 556422
 Ion Ratio Lower Upper
 98 100
 100 66.4 52.4 78.6



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





#51

4-Methyl-2-Pentanone

Concen: 249.990 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

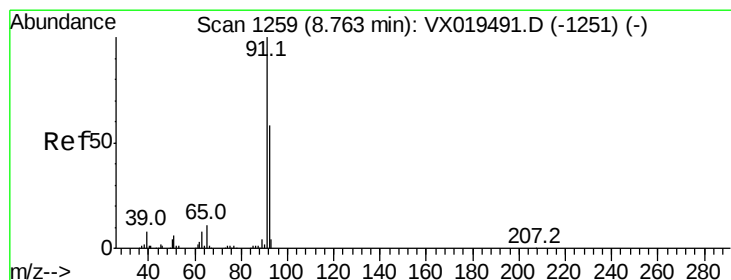
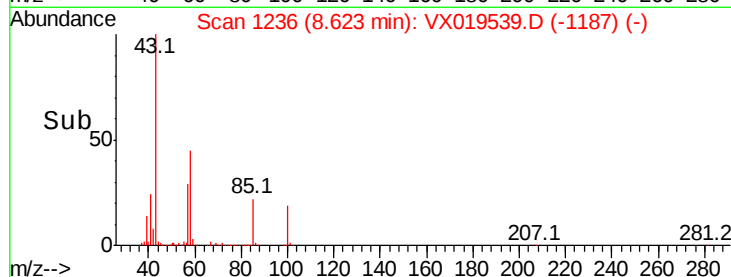
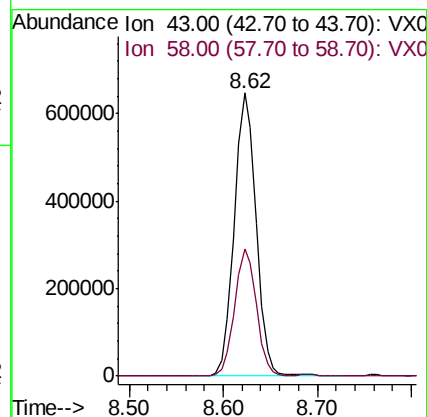
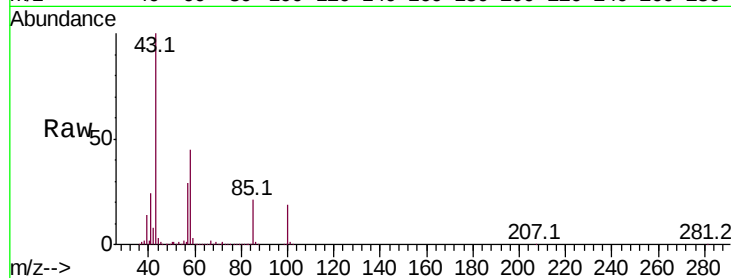
VSTDCCC050EC

Tot Ion: 43 Resp: 1044661

Ion Ratio Lower Upper

43 100

58 44.6 35.1 52.7



#52

Toluene

Concen: 48.224 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019539.D

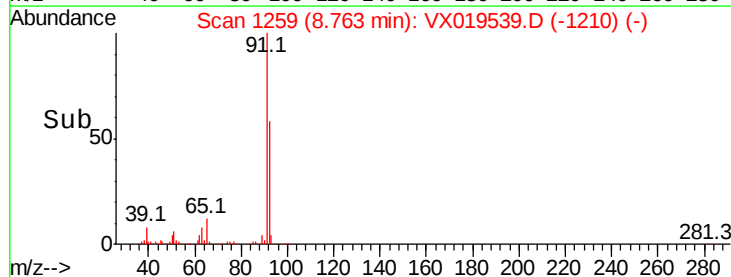
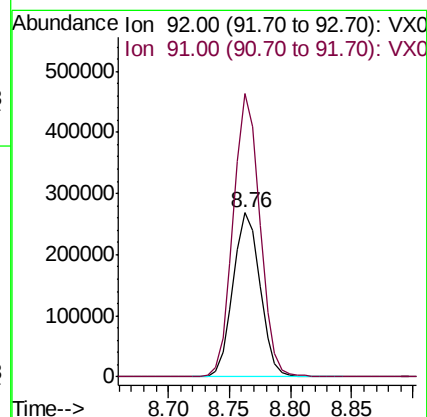
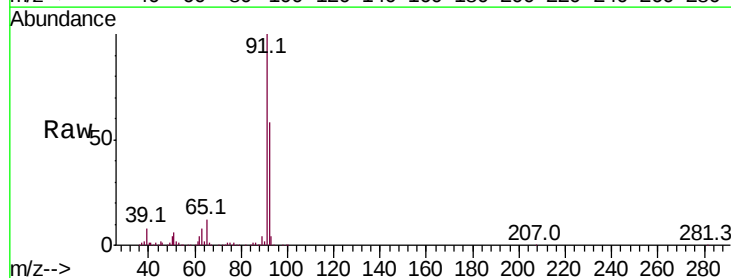
Acq: 21 Nov 2020 10:10

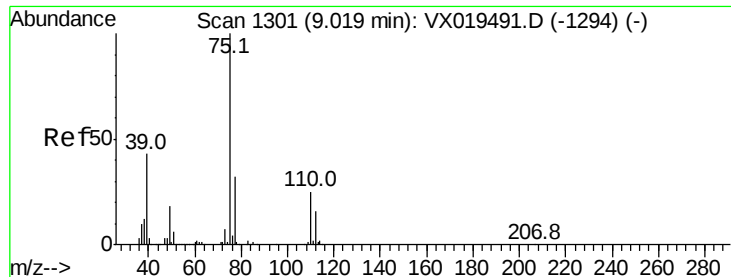
Tgt Ion: 92 Resp: 411604

Ion Ratio Lower Upper

92 100

91 170.3 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 47.940 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

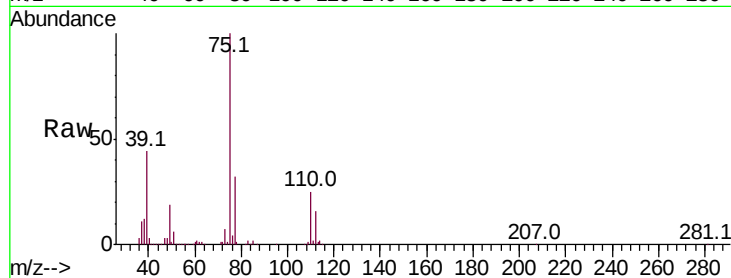
VSTDCCC050EC

Tot Ion: 75 Resp: 236180

Ion Ratio Lower Upper

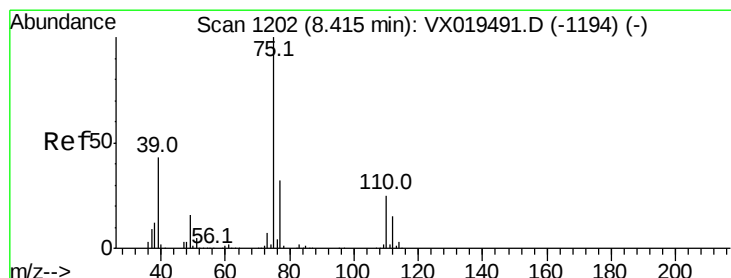
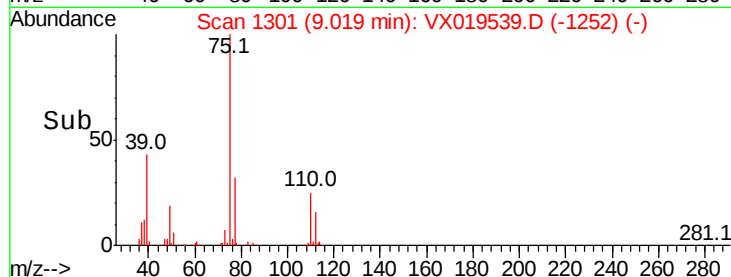
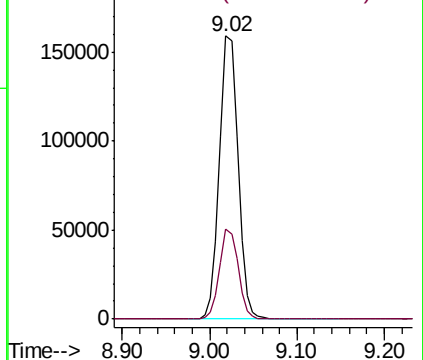
75 100

77 31.7 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 47.509 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

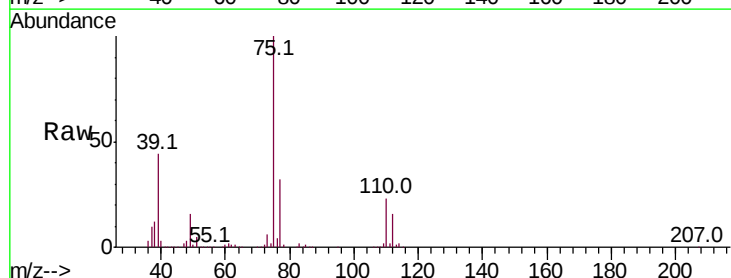
Tgt Ion: 75 Resp: 259747

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6

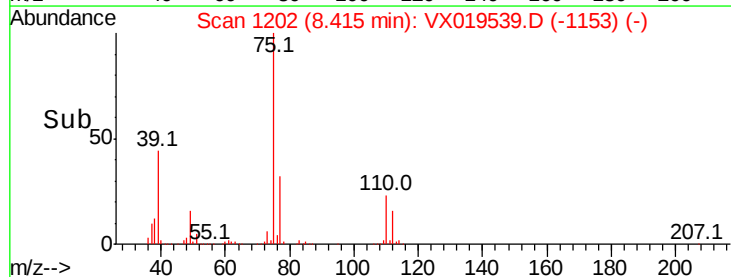
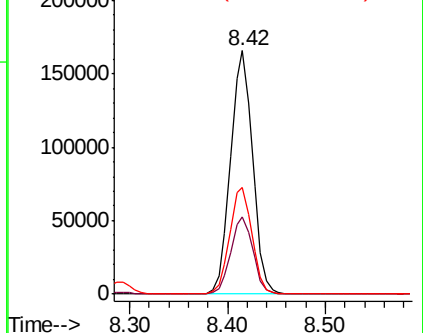
39 43.8 34.6 51.8

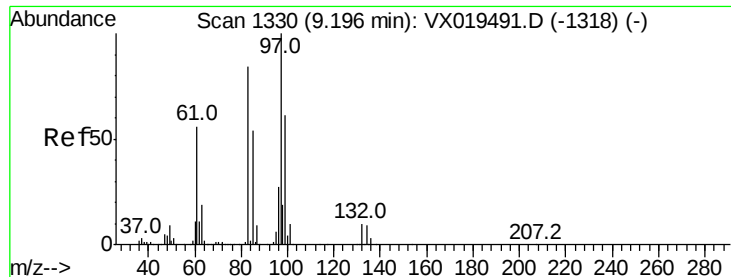


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 48.984 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 170271

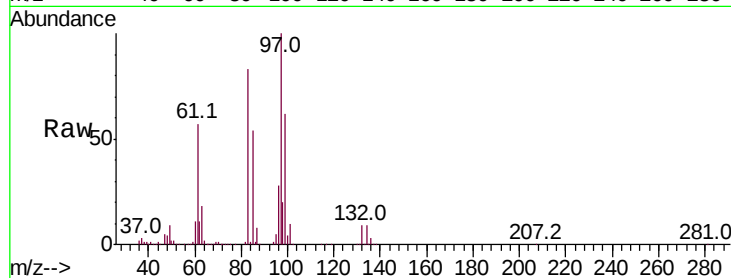
Ion Ratio Lower Upper

97 100

83 82.6 67.0 100.6

85 53.8 43.4 65.0

99 62.2 49.0 73.4

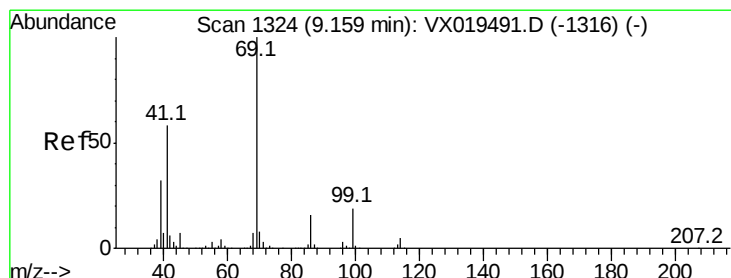
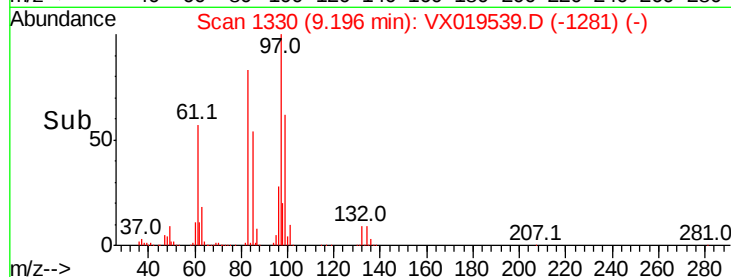
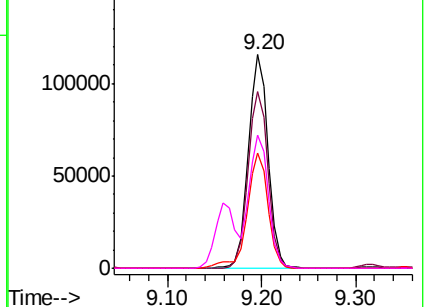


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.592 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

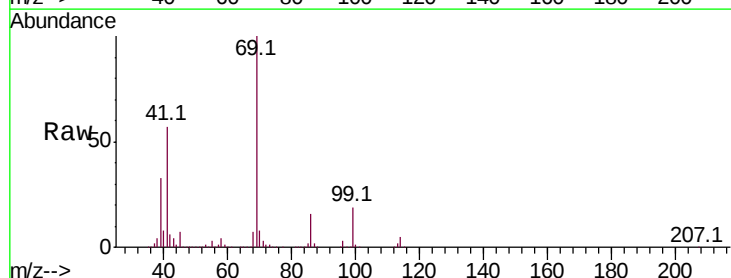
Tgt Ion: 69 Resp: 258682

Ion Ratio Lower Upper

69 100

41 57.4 46.2 69.2

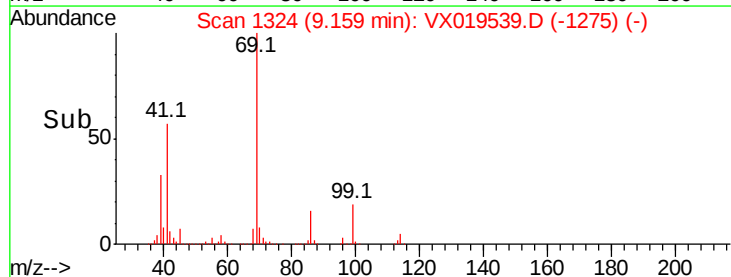
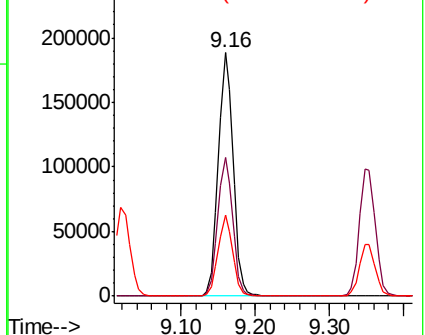
39 32.5 25.5 38.3

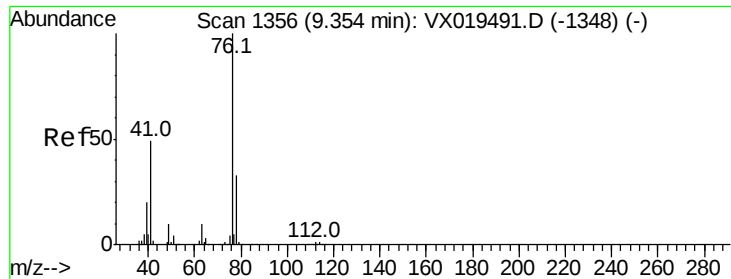


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.758 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

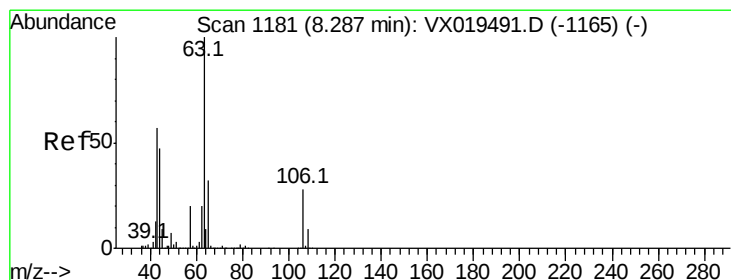
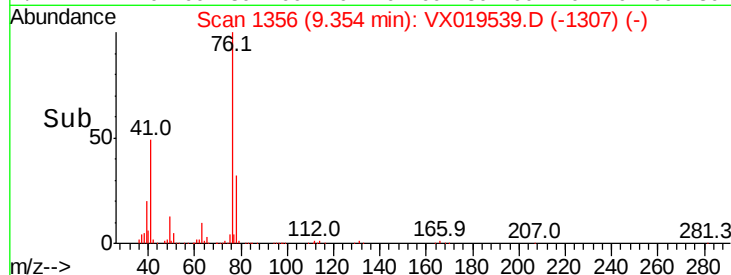
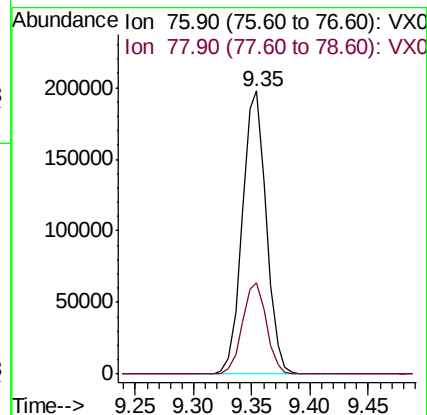
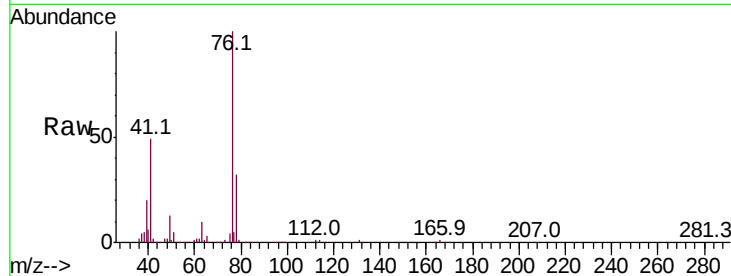
VSTDCCC050EC

Tot Ion: 76 Resp: 283757

Ion Ratio Lower Upper

76 100

78 32.4 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 236.602 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX019539.D

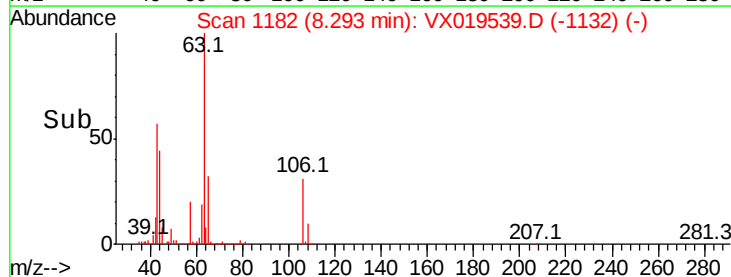
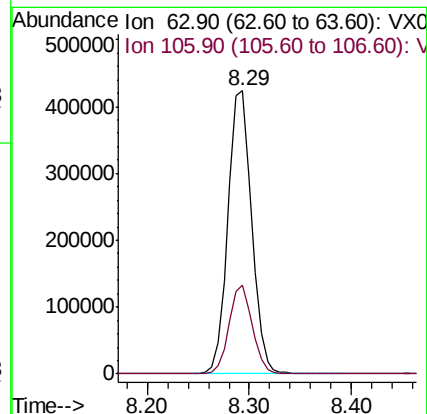
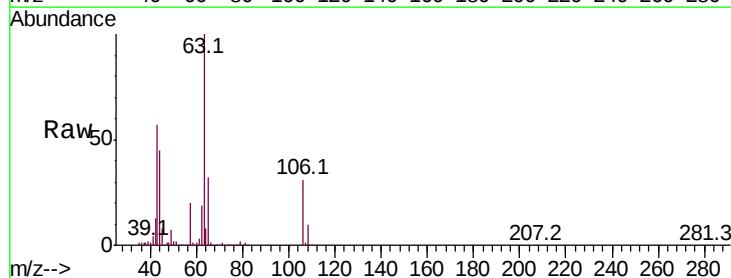
Acq: 21 Nov 2020 10:10

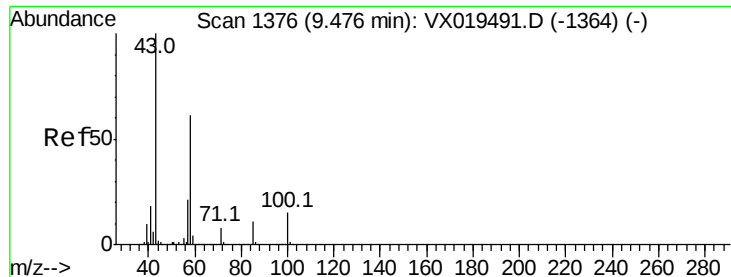
Tgt Ion: 63 Resp: 681917

Ion Ratio Lower Upper

63 100

106 30.6 23.7 35.5

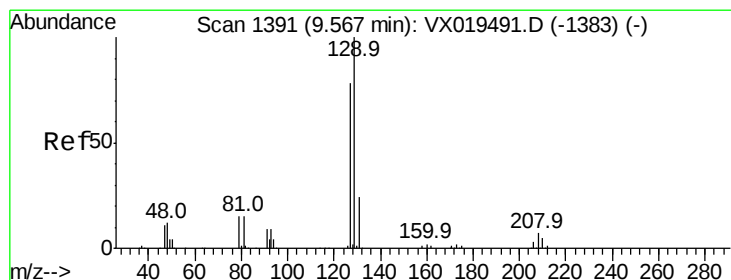
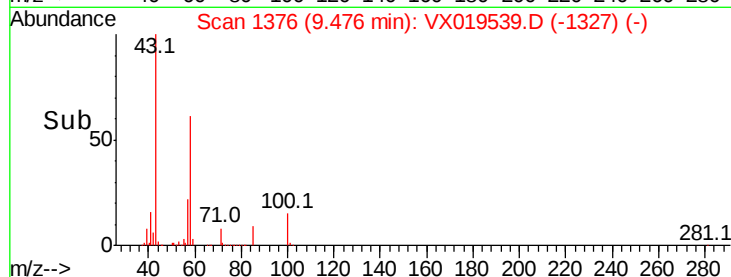
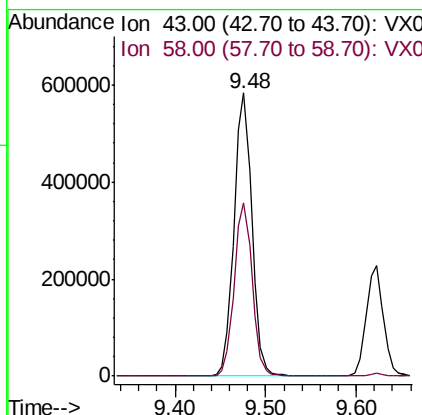
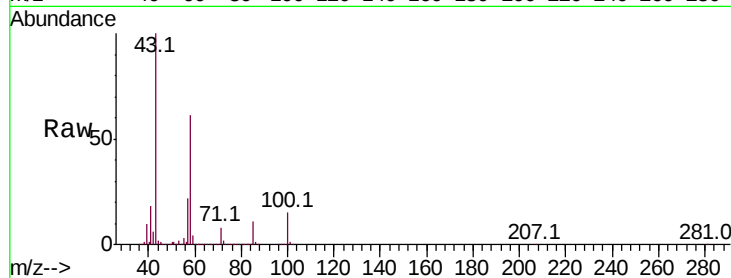




#59
2-Hexanone
Concen: 251.871 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

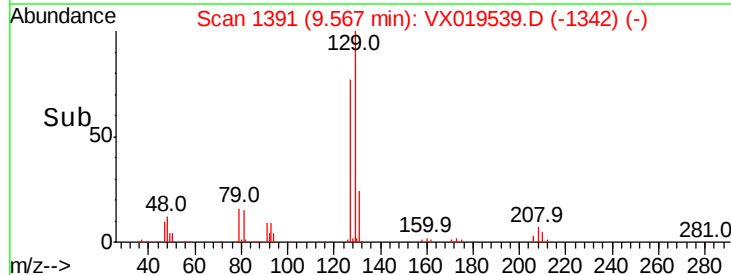
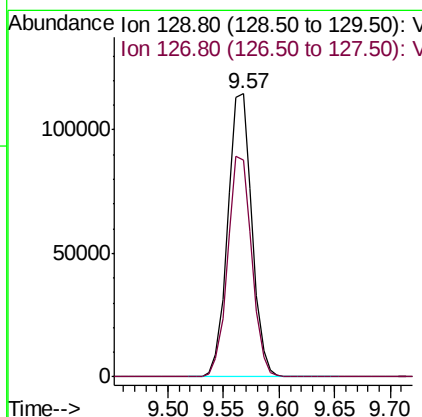
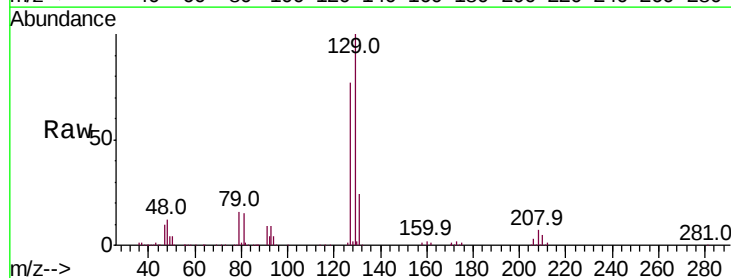
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

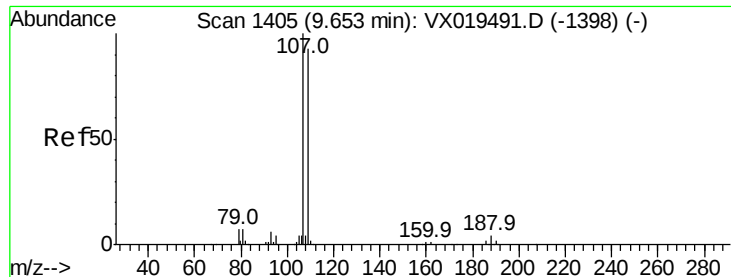
Tot Ion: 43 Resp: 798254
Ion Ratio Lower Upper
43 100
58 61.7 30.6 91.6



#60
Dibromochloromethane
Concen: 50.471 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion: 129 Resp: 171842
Ion Ratio Lower Upper
129 100
127 77.6 39.0 116.9





#61

1,2-Dibromoethane

Concen: 49.900 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

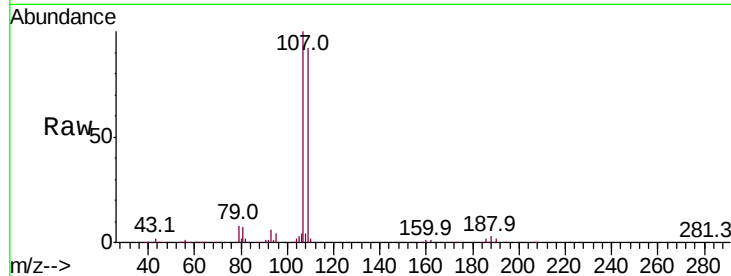
VSTDCCC050EC

Tot Ion:107 Resp: 178795

Ion Ratio Lower Upper

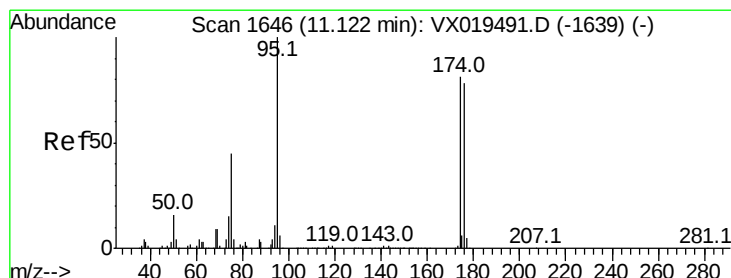
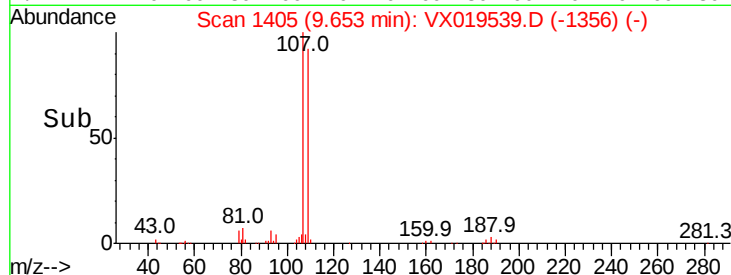
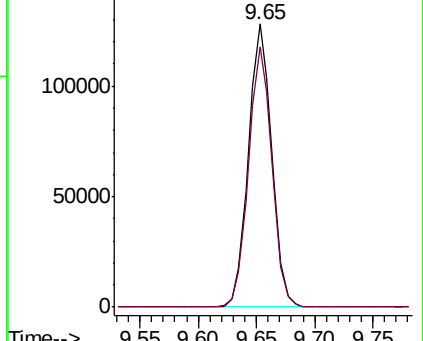
107 100

109 92.5 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.878 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

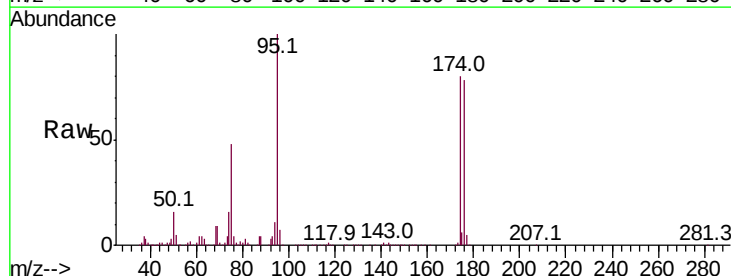
Tgt Ion: 95 Resp: 203515

Ion Ratio Lower Upper

95 100

174 78.0 0.0 156.2

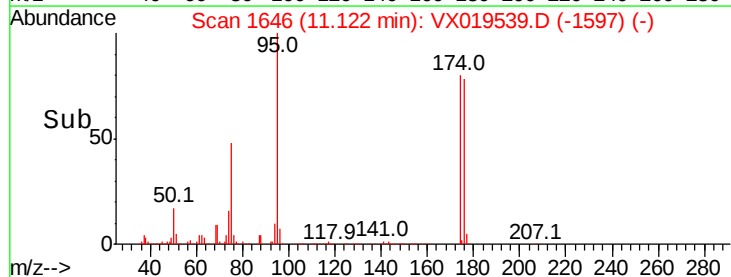
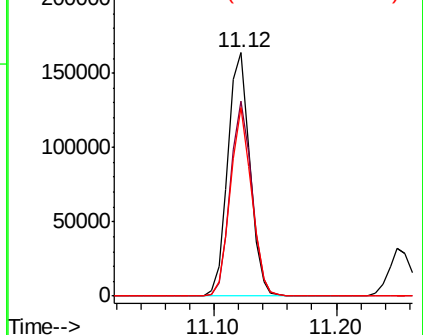
176 74.7 0.0 151.4

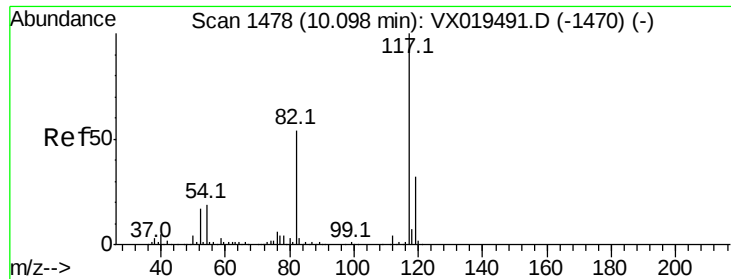


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

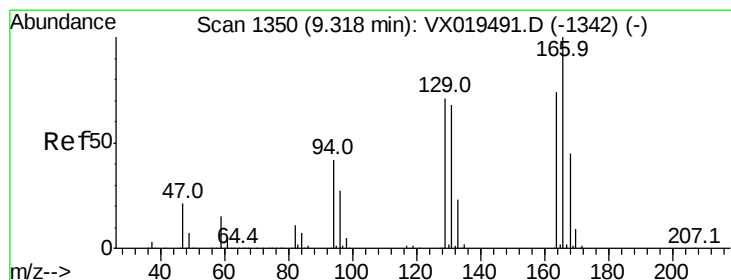
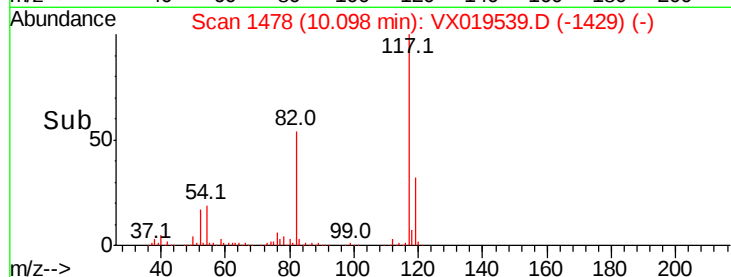
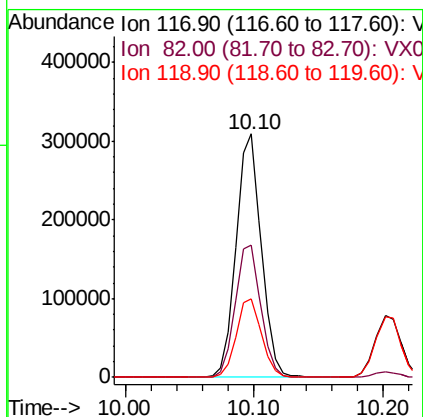
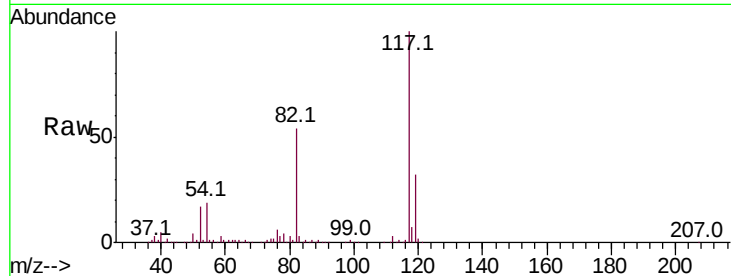




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

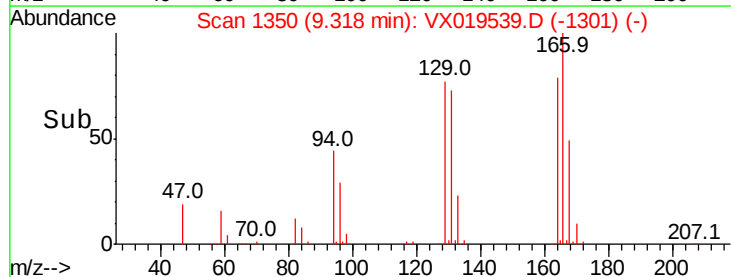
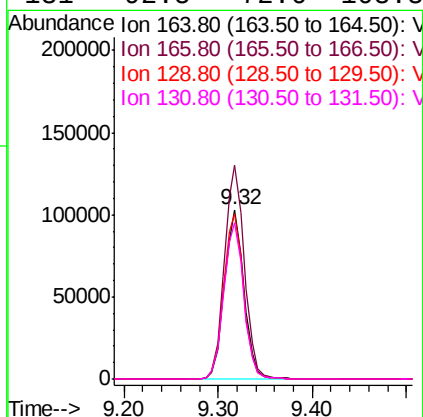
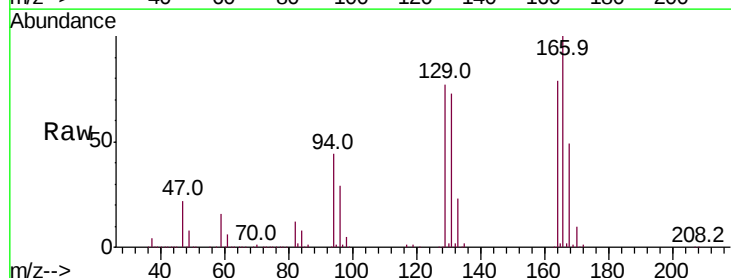
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

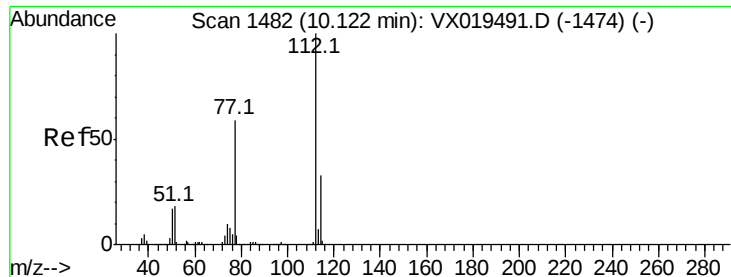
Tot Ion:117 Resp: 418691
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 44.944 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion:164 Resp: 147917
Ion Ratio Lower Upper
164 100
166 126.0 107.4 161.0
129 97.1 76.6 114.8
131 92.5 72.6 108.8

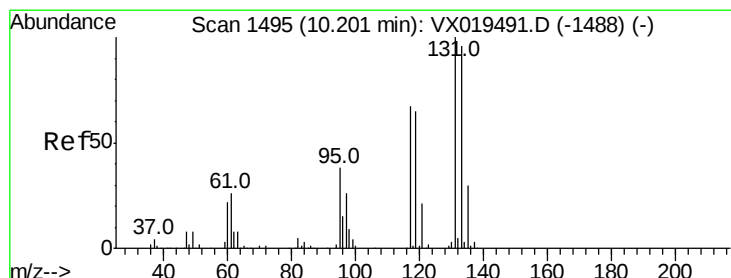
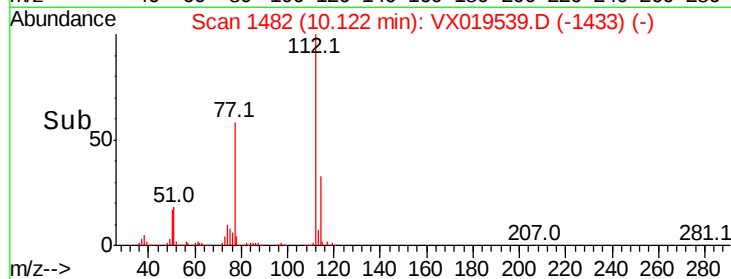
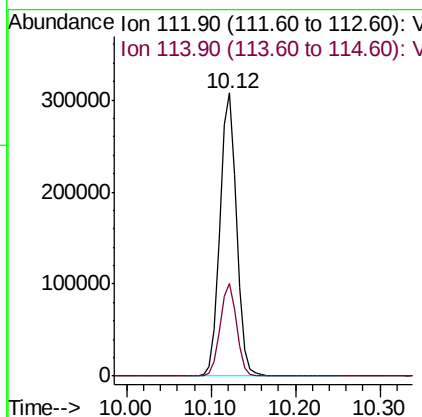
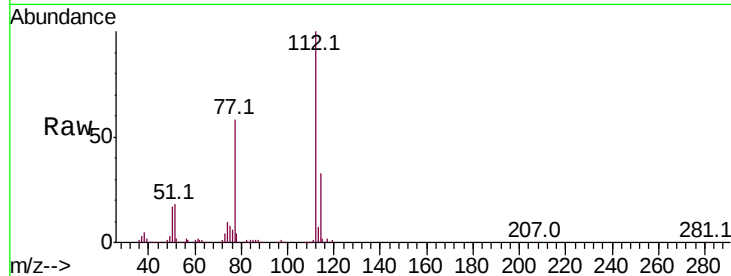




#65
Chlorobenzene
Concen: 48.829 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

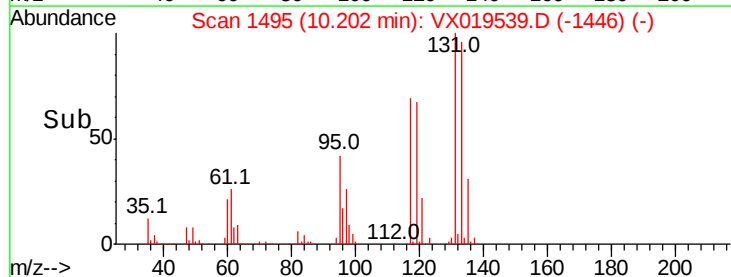
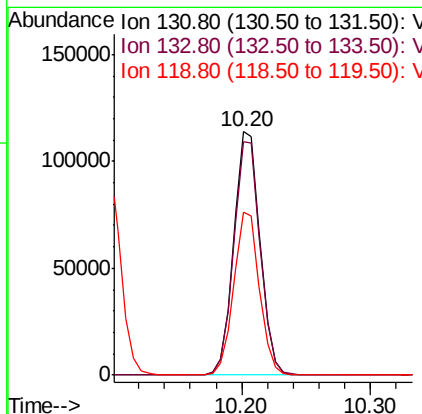
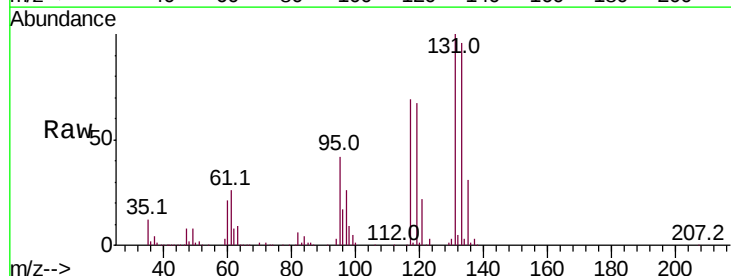
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

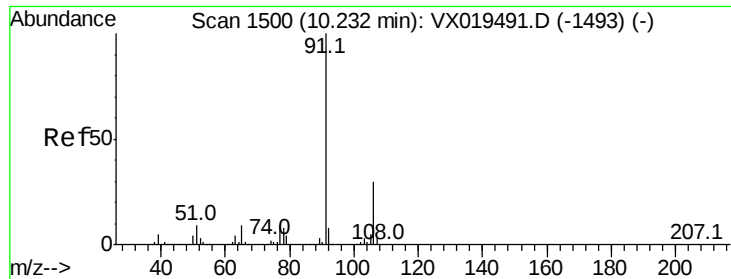
Tot Ion:112 Resp: 420339
Ion Ratio Lower Upper
112 100
114 32.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.616 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion:131 Resp: 161620
Ion Ratio Lower Upper
131 100
133 96.6 48.5 145.5
119 65.9 33.0 99.0

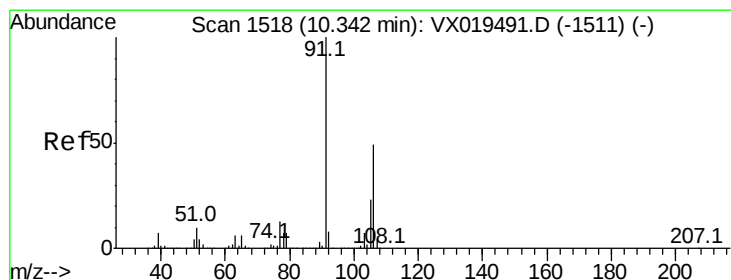
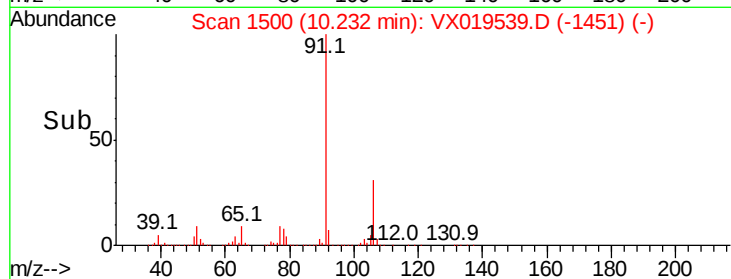
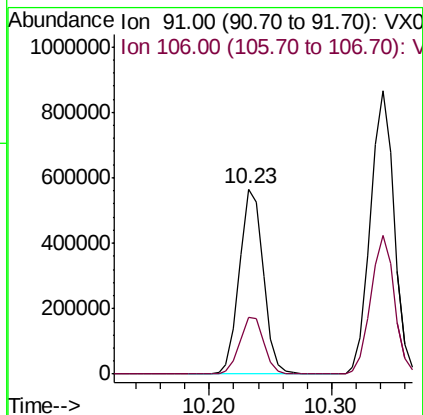
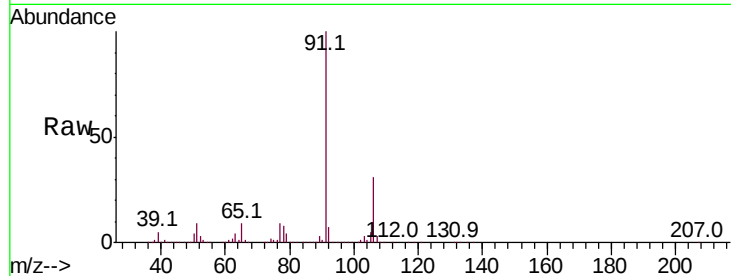




#67
Ethyl Benzene
Concen: 50.568 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

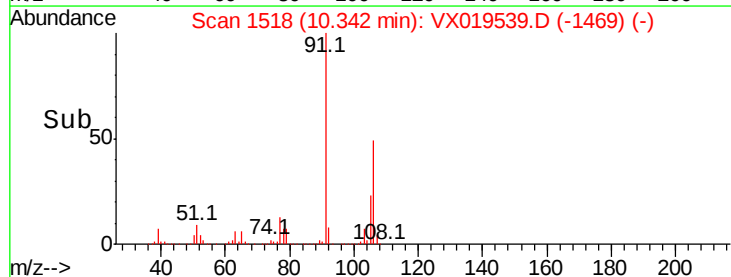
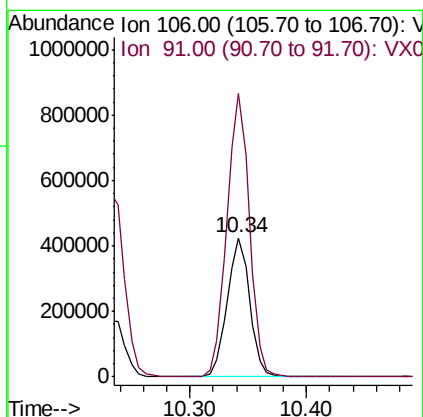
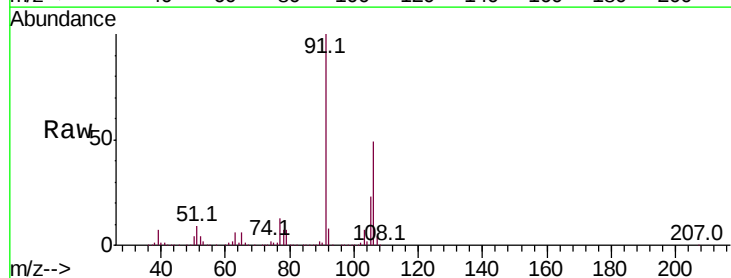
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

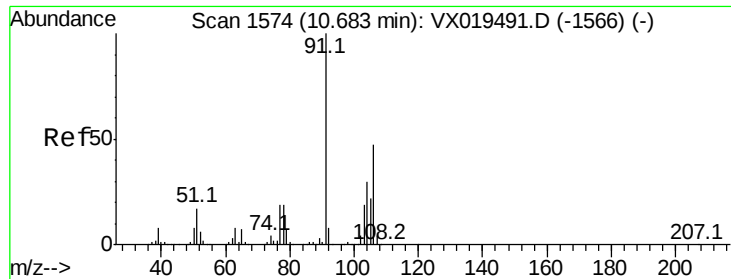
Tot Ion: 91 Resp: 762588
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0



#68
m/p-Xylenes
Concen: 101.430 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion: 106 Resp: 569881
Ion Ratio Lower Upper
106 100
91 204.7 163.3 244.9

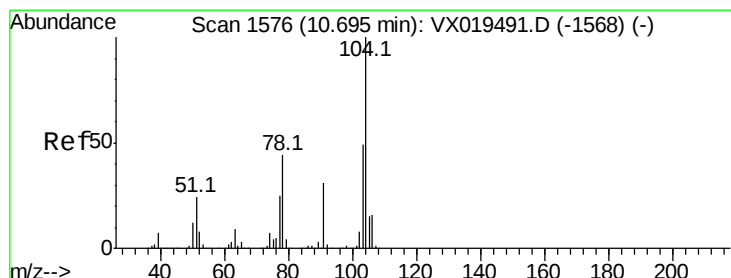
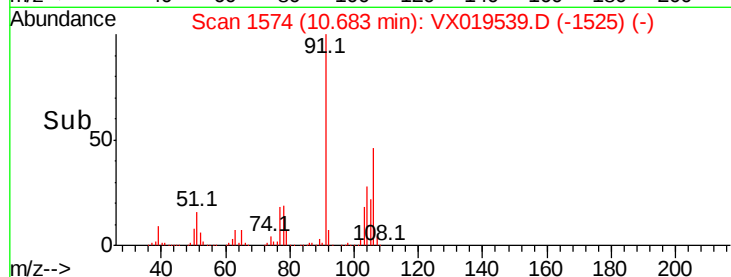
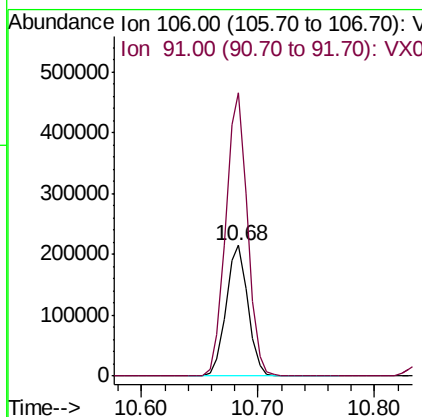
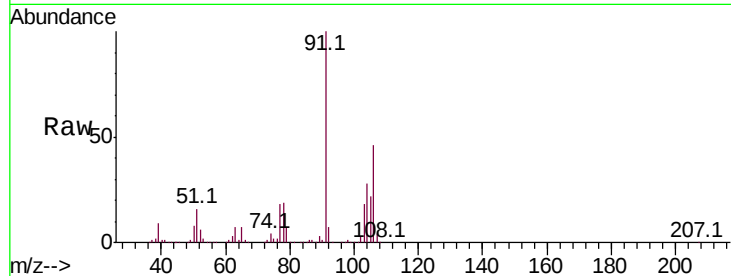




#69
o-Xylene
Concen: 52.062 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

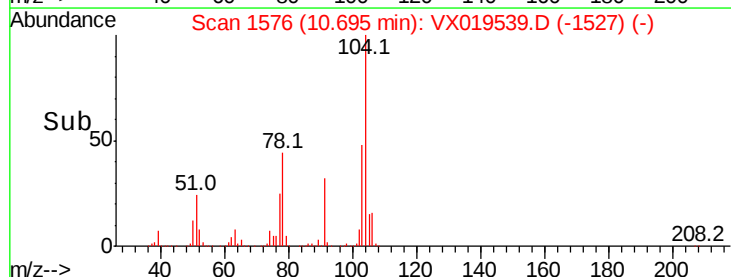
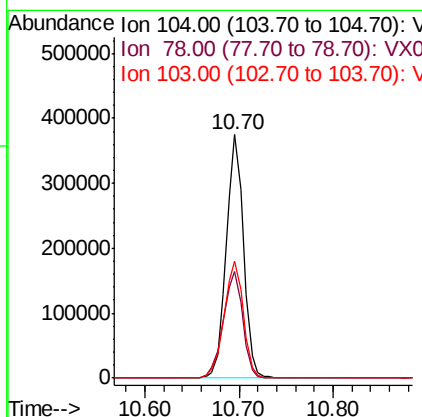
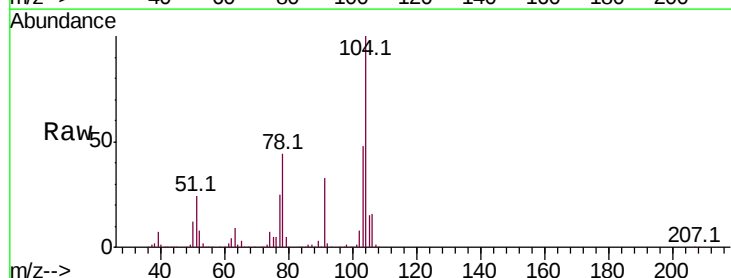
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

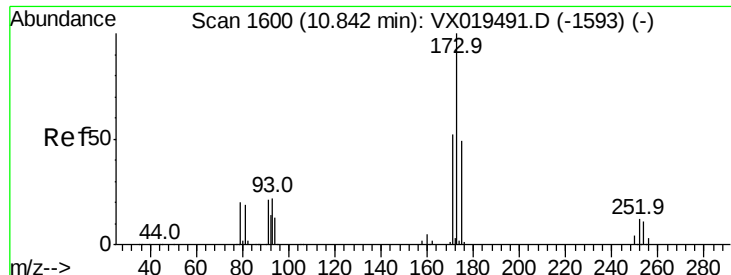
Tot Ion:106 Resp: 279615
Ion Ratio Lower Upper
106 100
91 215.1 108.0 324.0



#70
Styrene
Concen: 48.025 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion:104 Resp: 476788
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 53.7 43.6 65.4





#71

Bromoform

Concen: 46.812 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

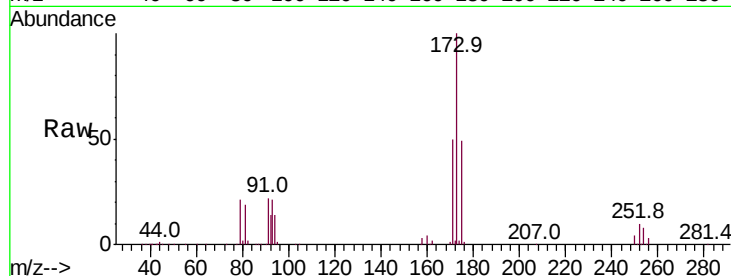
Tot Ion:173 Resp: 123512

Ion Ratio Lower Upper

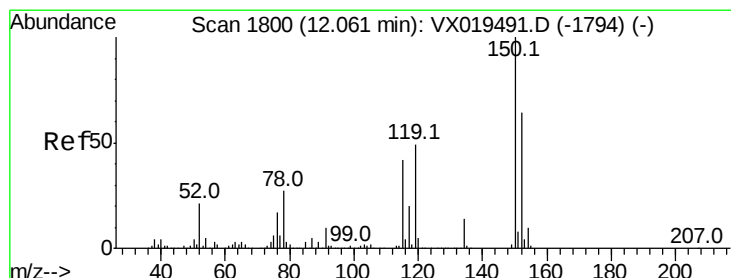
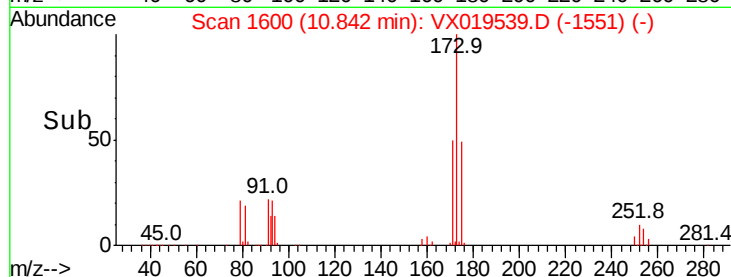
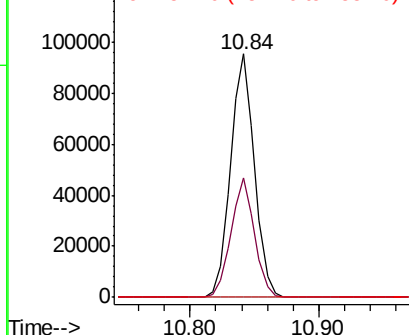
173 100

175 48.2 24.9 74.8

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

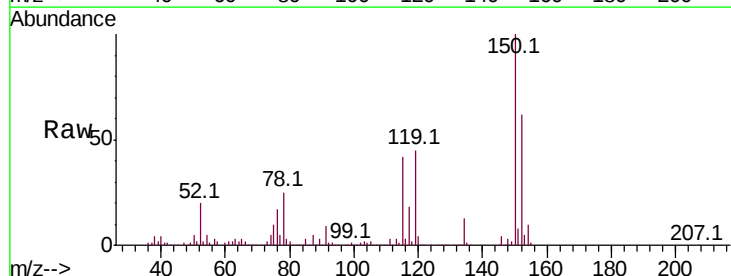
Tgt Ion:152 Resp: 202622

Ion Ratio Lower Upper

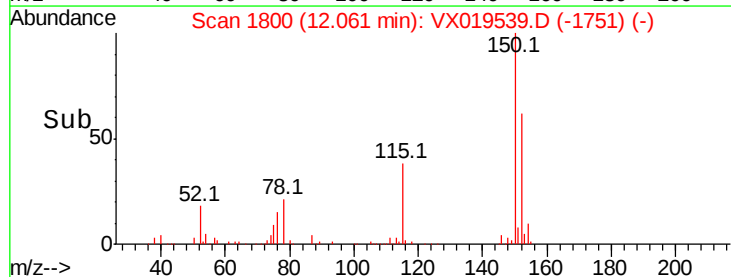
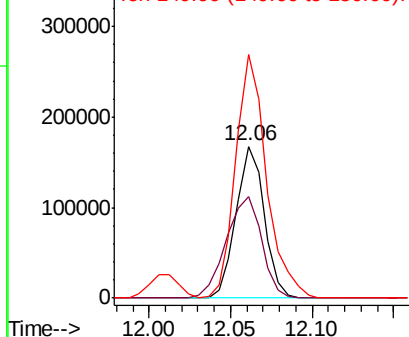
152 100

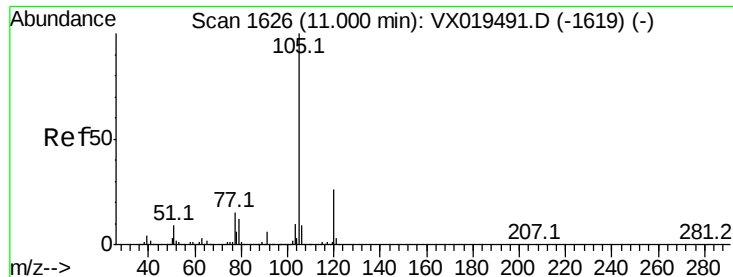
115 83.5 41.8 125.4

150 175.1 0.0 348.2



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





#73

Isopropylbenzene

Concen: 52.057 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

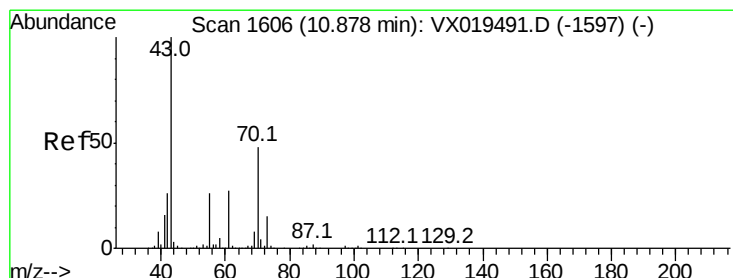
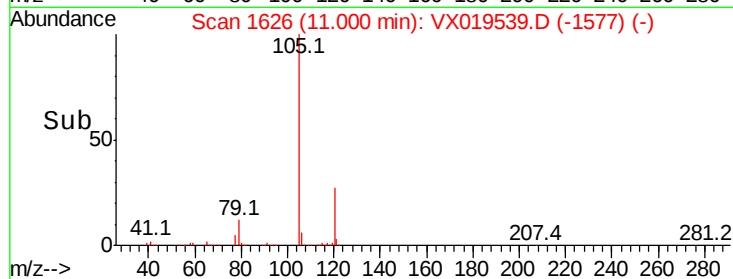
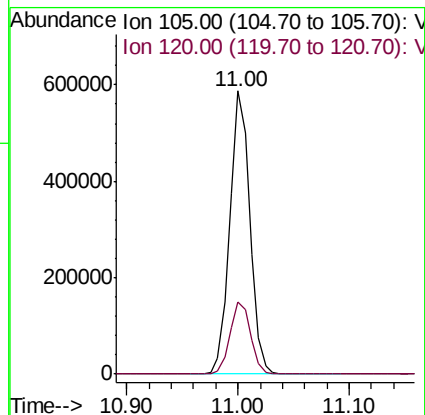
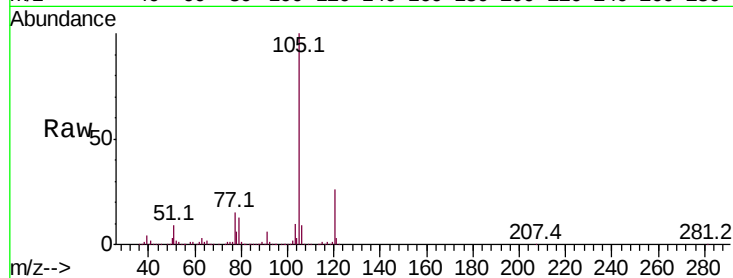
VSTDCCC050EC

Tot Ion:105 Resp: 729687

Ion Ratio Lower Upper

105 100

120 26.4 13.0 39.0



#74

N-ethyl acetate

Concen: 57.329 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Tgt Ion: 43 Resp: 301112

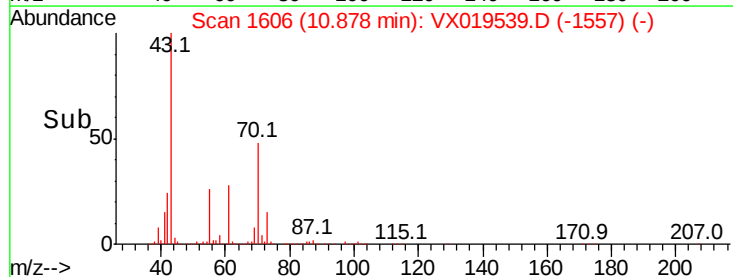
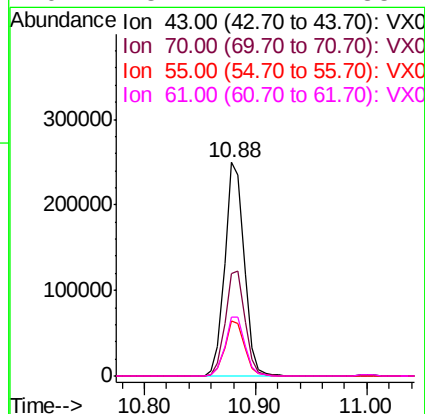
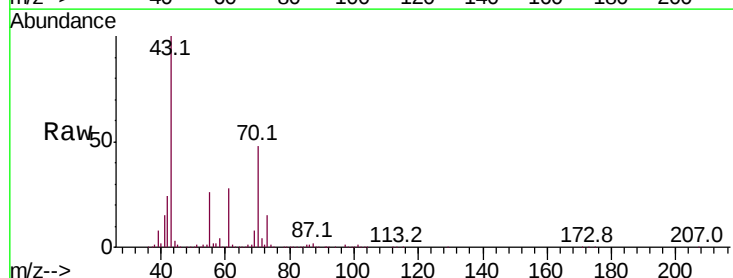
Ion Ratio Lower Upper

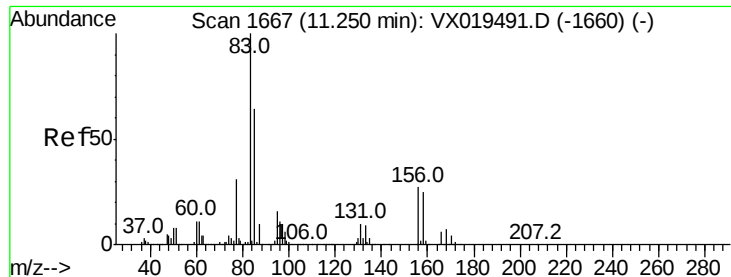
43 100

70 49.9 39.7 59.5

55 26.1 21.8 32.6

61 28.2 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.802 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

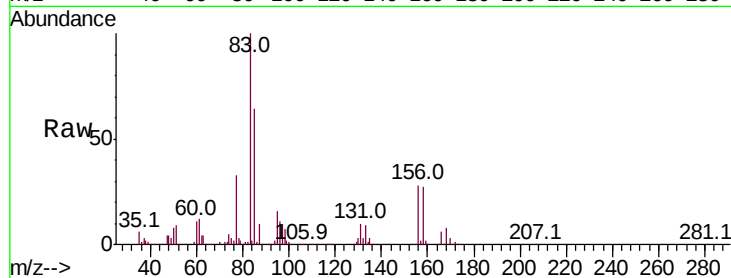
Tot Ion: 83 Resp: 259662

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

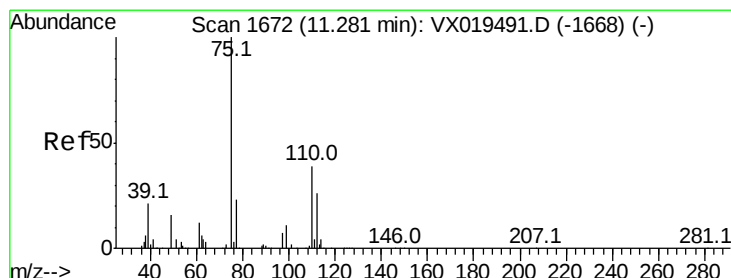
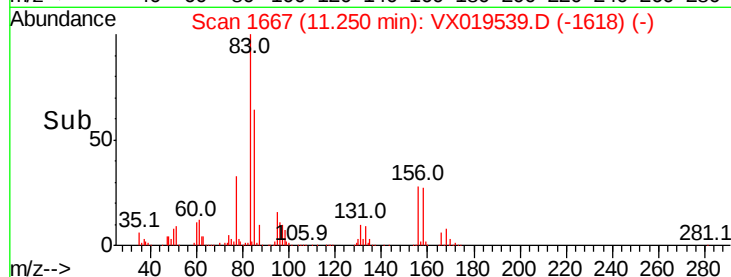
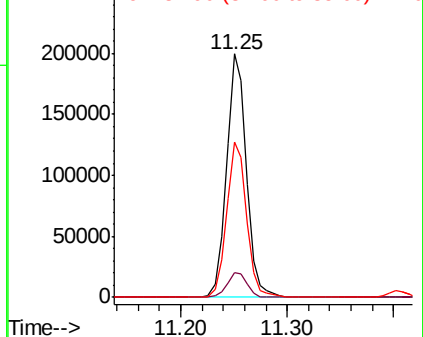
85 64.3 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.815 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019539.D

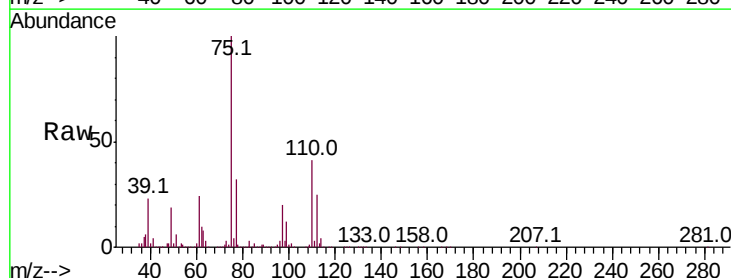
Acq: 21 Nov 2020 10:10

Tgt Ion: 75 Resp: 282183

Ion Ratio Lower Upper

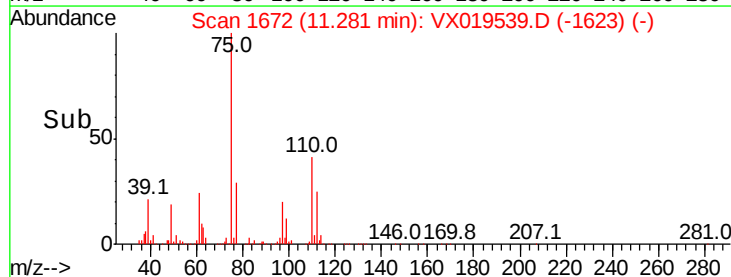
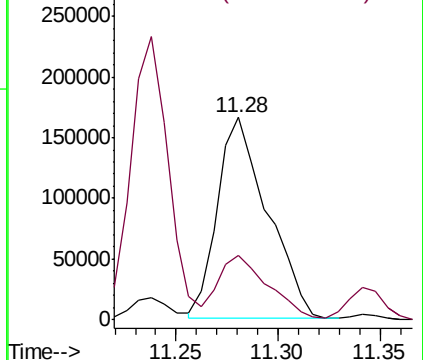
75 100

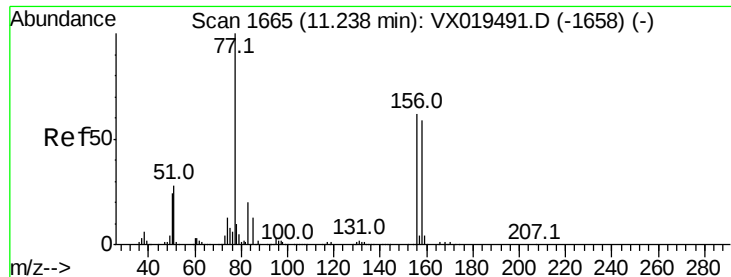
77 32.0 20.0 60.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.622 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

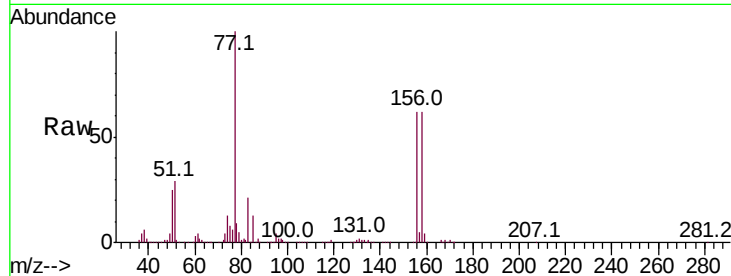
Tot Ion:156 Resp: 184717

Ion Ratio Lower Upper

156 100

77 162.1 82.5 247.3

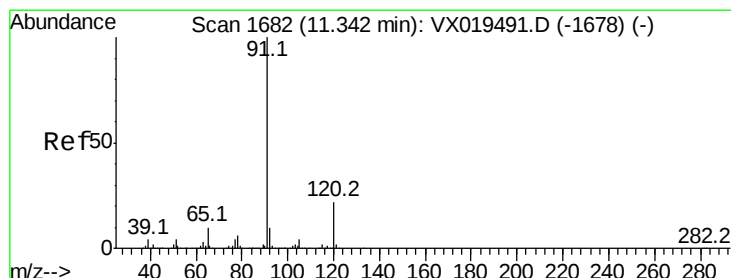
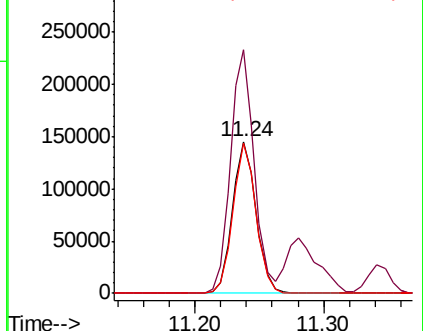
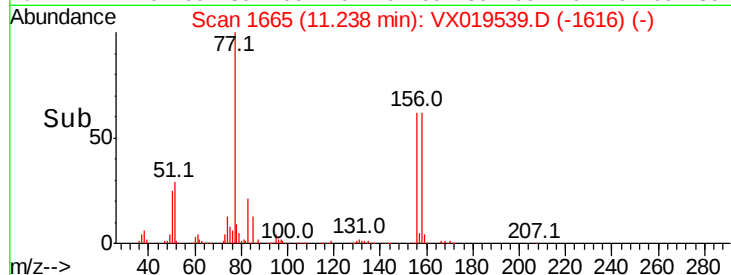
158 97.5 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.630 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019539.D

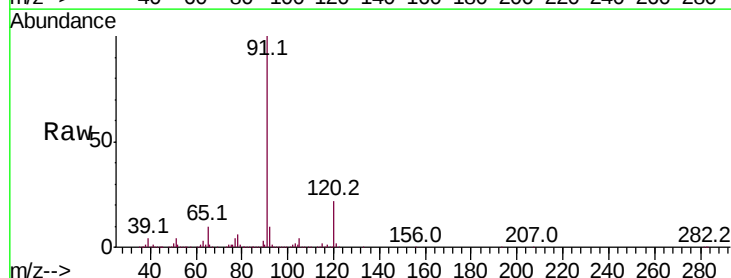
Acq: 21 Nov 2020 10:10

Tgt Ion: 91 Resp: 814136

Ion Ratio Lower Upper

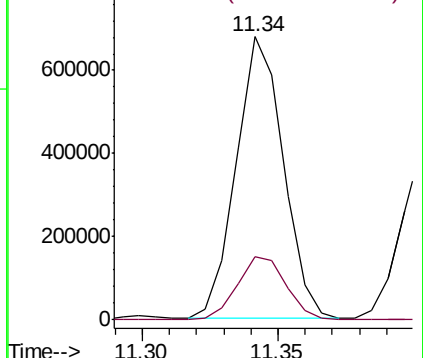
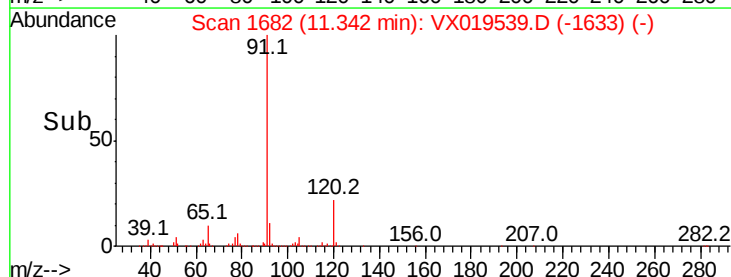
91 100

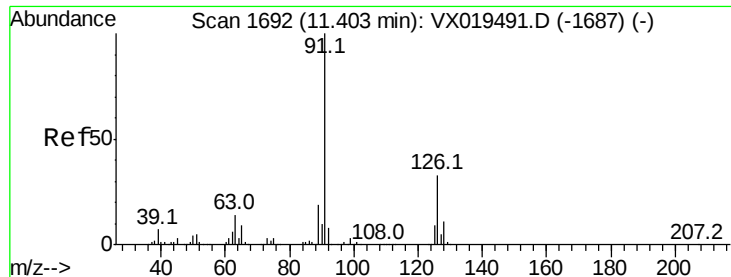
120 23.4 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

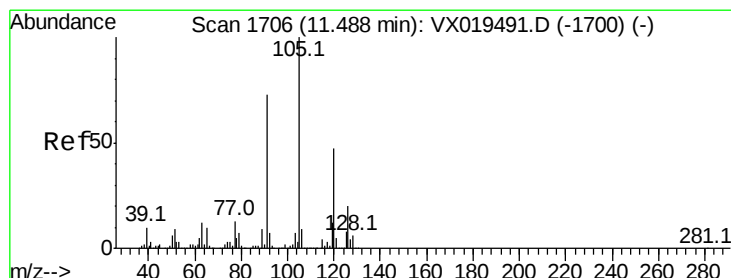
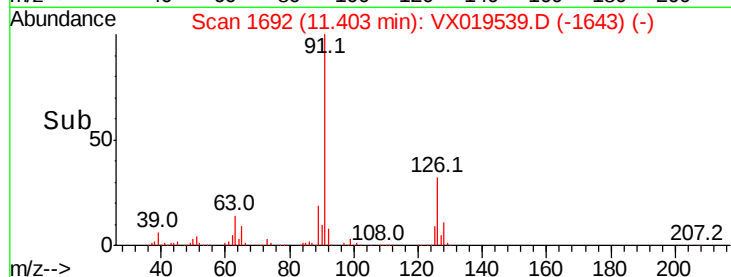
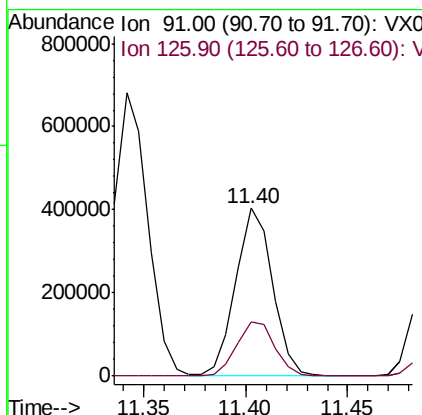
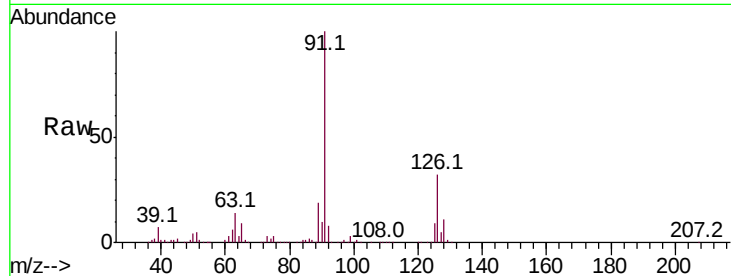




#79
 2-Chlorotoluene
 Concen: 51.581 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

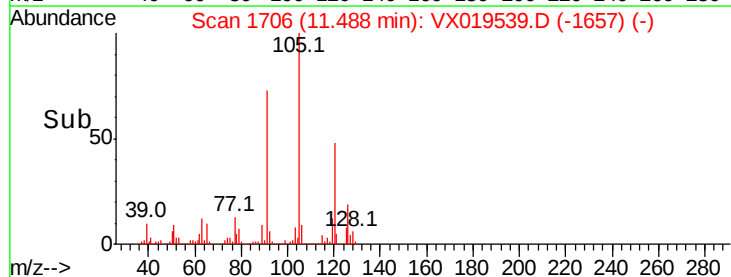
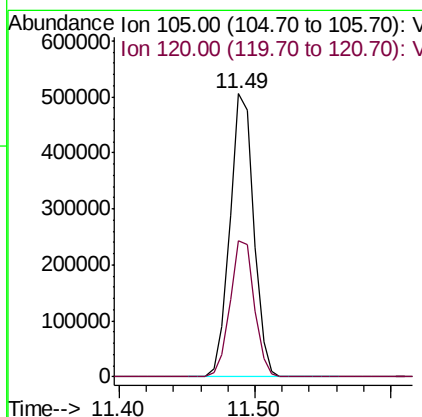
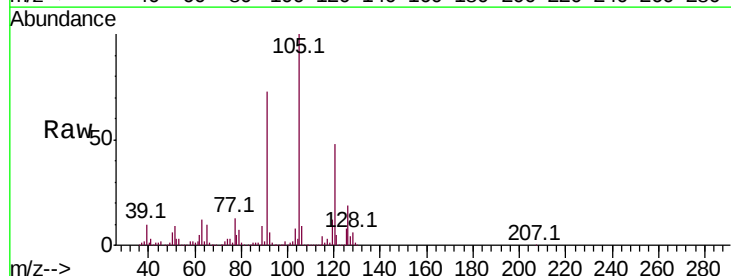
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

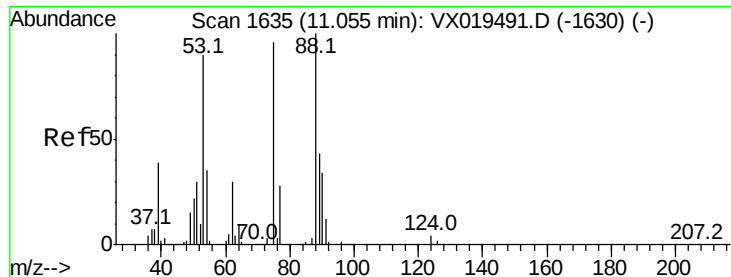
Tot Ion: 91 Resp: 503022
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.7 50.0



#80
 1,3,5-Trimethylbenzene
 Concen: 52.438 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Tgt Ion: 105 Resp: 616588
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.1 72.3

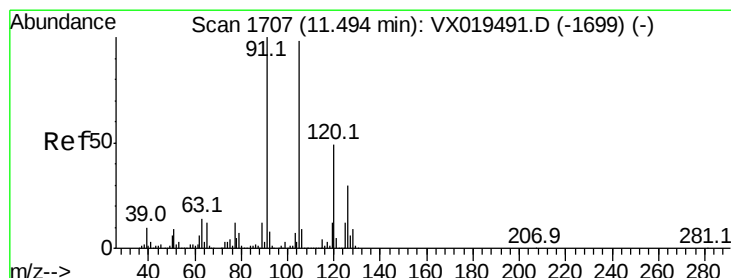
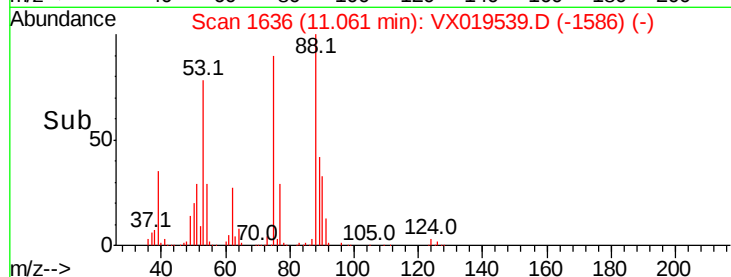
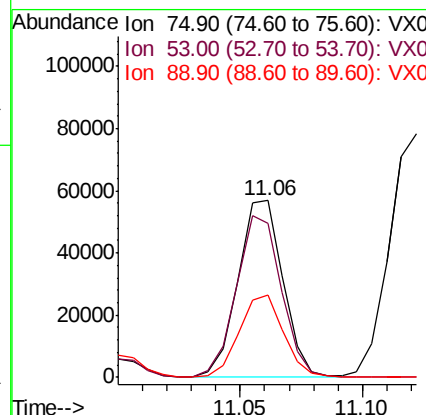
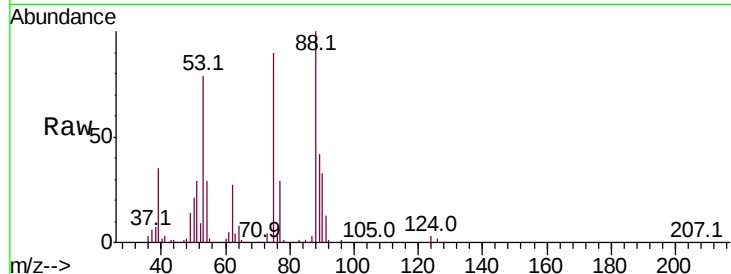




#81
trans-1,4-Dichloro-2-butene
Concen: 44.663 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

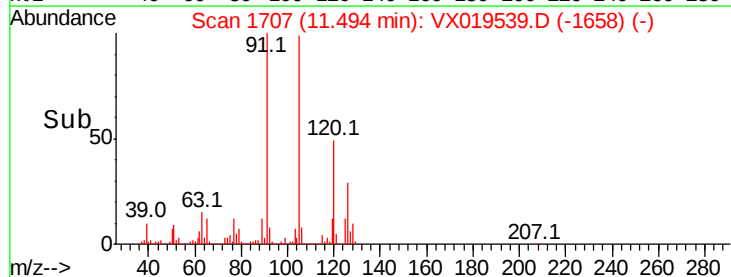
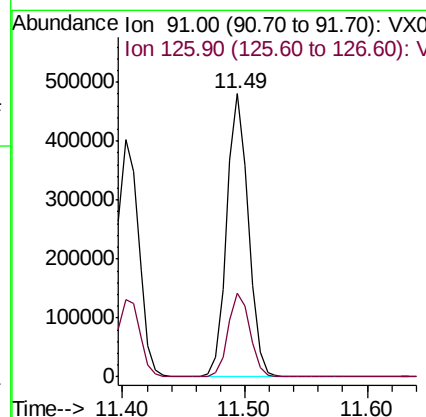
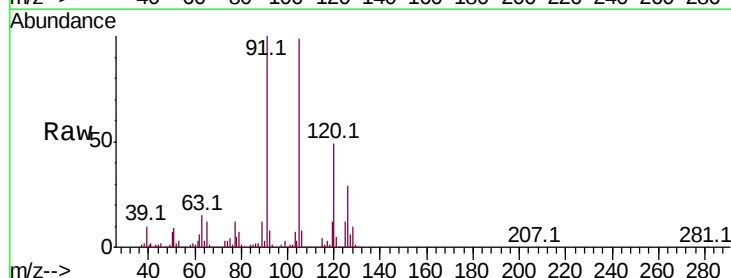
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

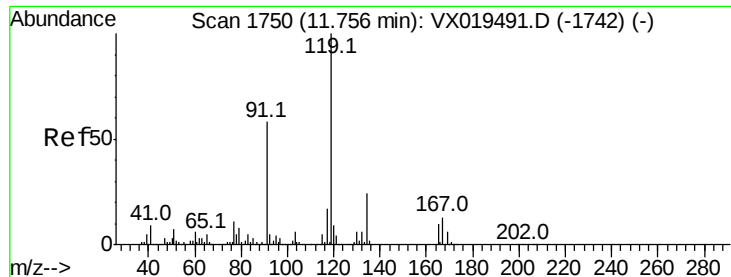
Tot Ion: 75 Resp: 72314
Ion Ratio Lower Upper
75 100
53 91.8 73.9 110.9
89 46.4 37.3 55.9



#82
4-Chlorotoluene
Concen: 51.115 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019539.D
Acq: 21 Nov 2020 10:10

Tgt Ion: 91 Resp: 586808
Ion Ratio Lower Upper
91 100
126 29.8 14.9 44.7





#83

tert-Butylbenzene

Concen: 52.932 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

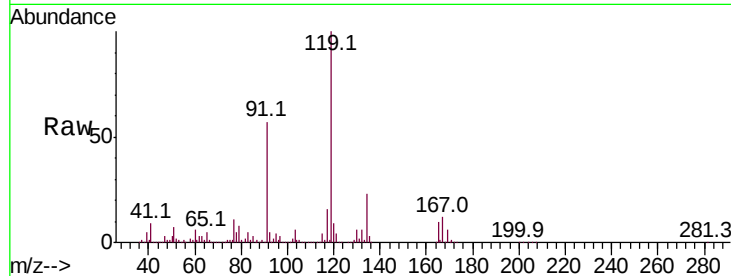
Tot Ion:119 Resp: 602141

Ion Ratio Lower Upper

119 100

91 57.4 28.9 86.8

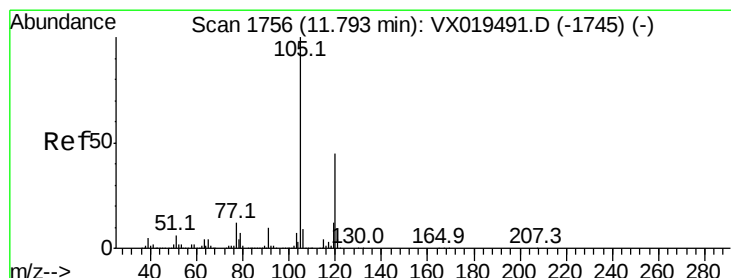
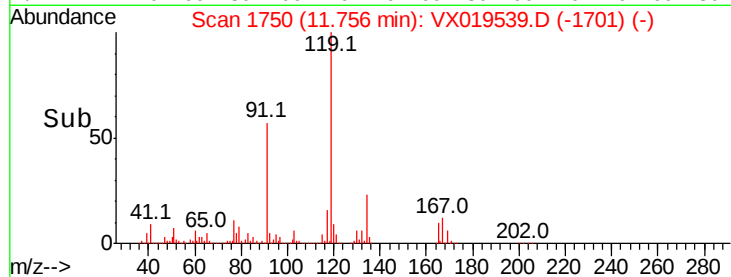
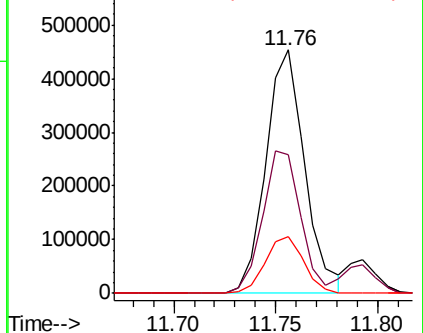
134 23.1 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.401 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX019539.D

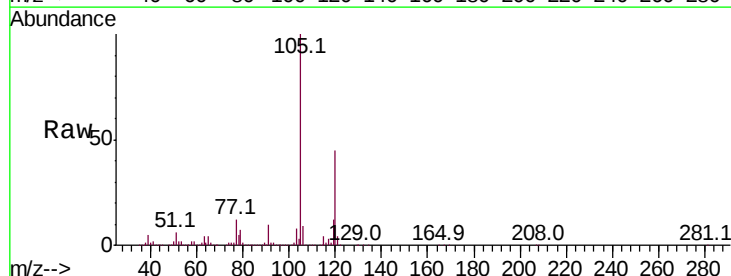
Acq: 21 Nov 2020 10:10

Tgt Ion:105 Resp: 623433

Ion Ratio Lower Upper

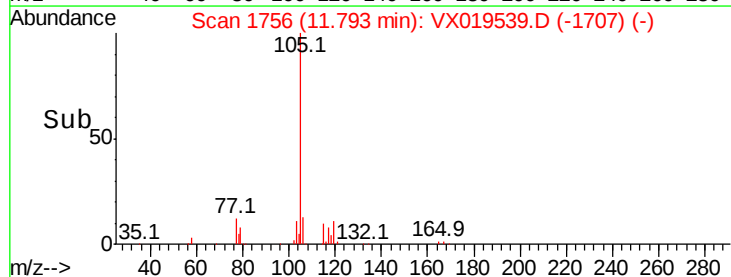
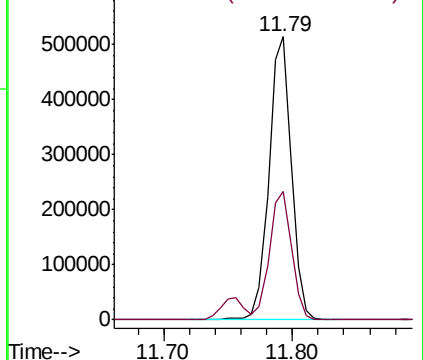
105 100

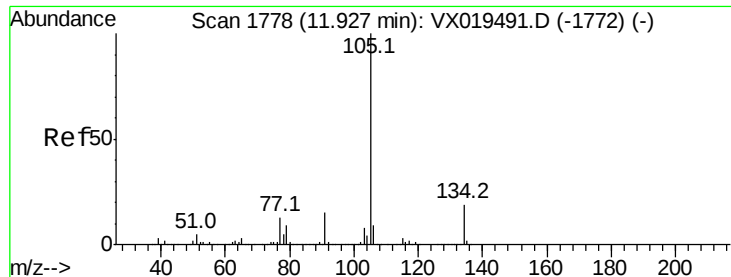
120 45.1 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.476 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

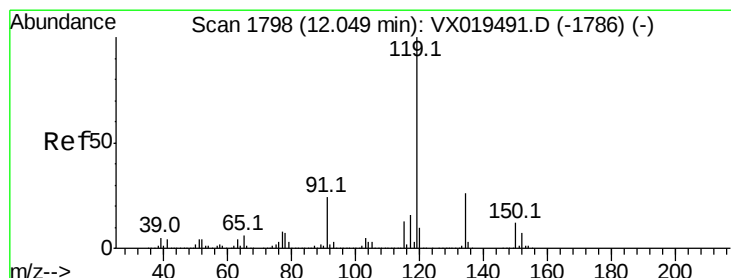
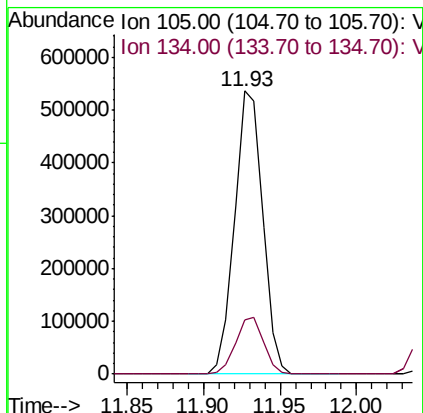
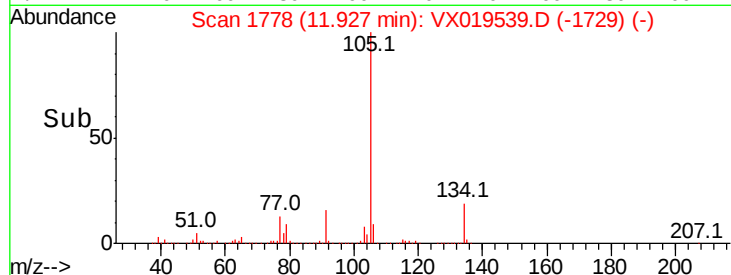
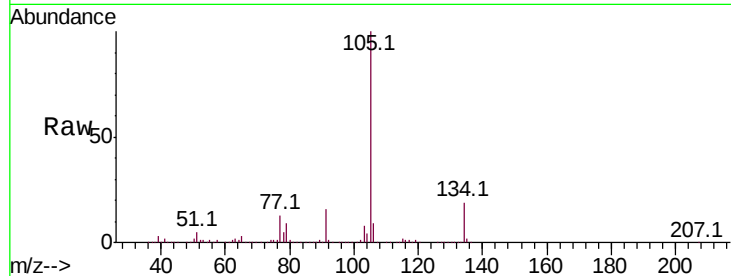
VSTDCCC050EC

Tot Ion:105 Resp: 683109

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.3



#86

p-Isopropyltoluene

Concen: 50.582 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

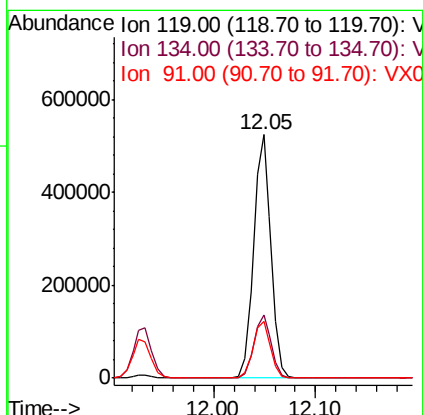
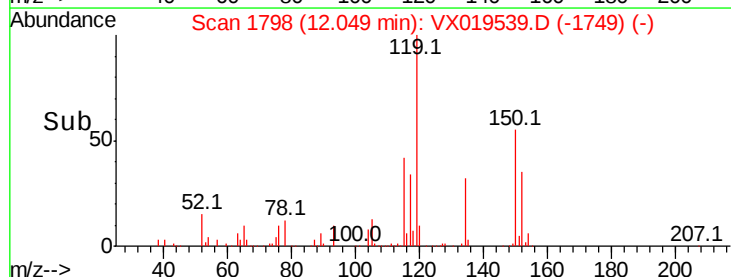
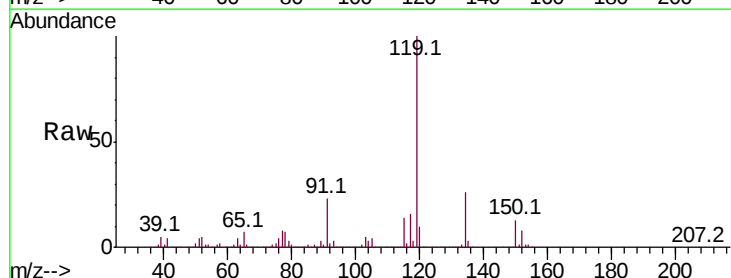
Tgt Ion:119 Resp: 621514

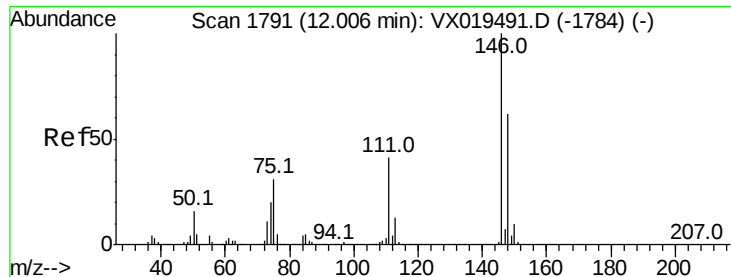
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 23.5 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 49.628 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

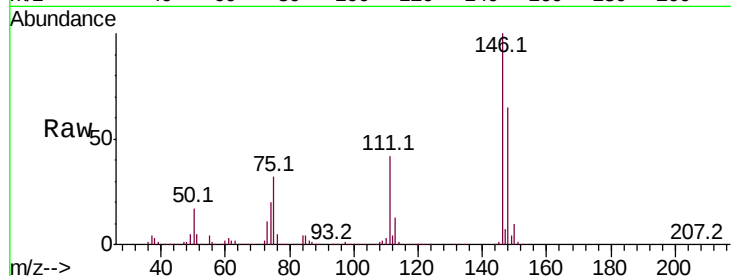
Tot Ion:146 Resp: 326134

Ion Ratio Lower Upper

146 100

111 40.2 20.2 60.6

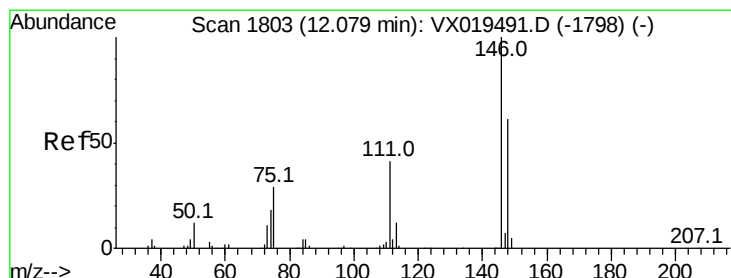
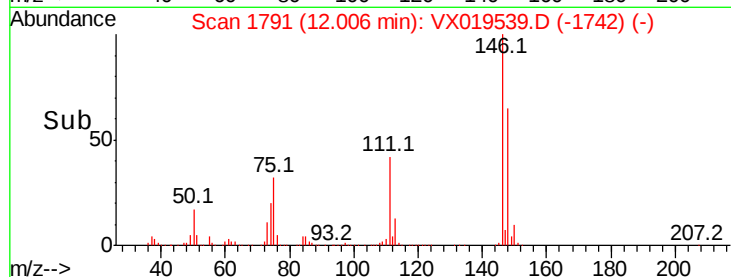
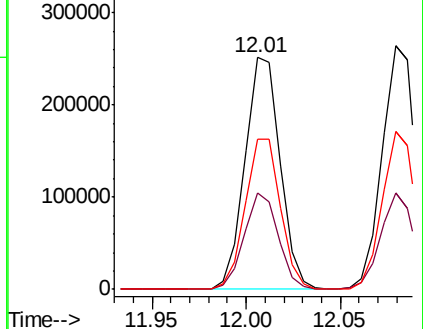
148 64.9 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.743 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

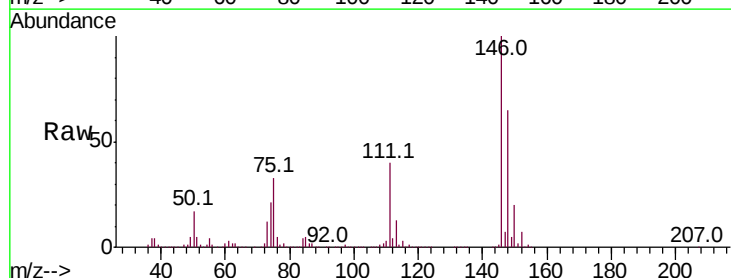
Tgt Ion:146 Resp: 329942

Ion Ratio Lower Upper

146 100

111 39.2 19.9 59.6

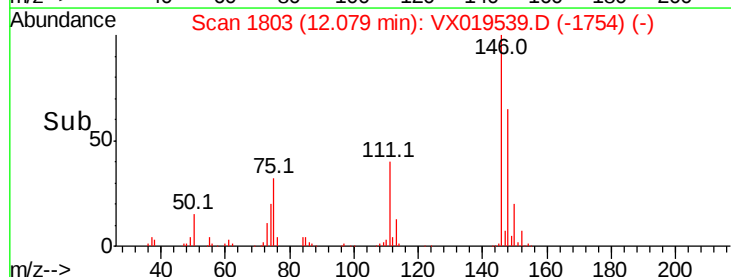
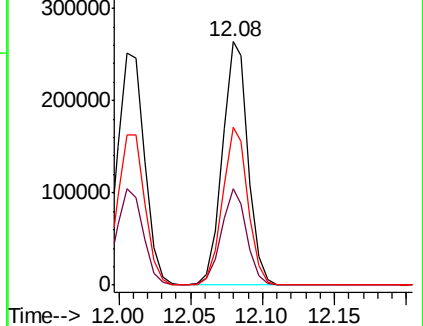
148 64.5 31.7 95.1

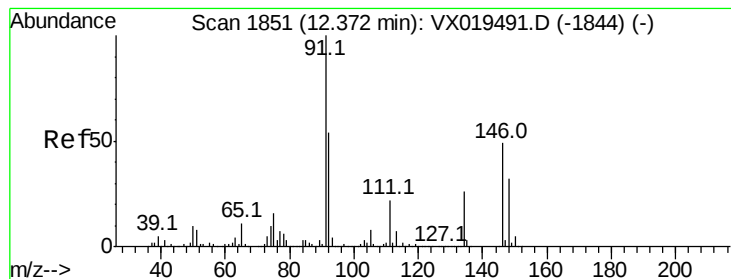


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 47.592 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

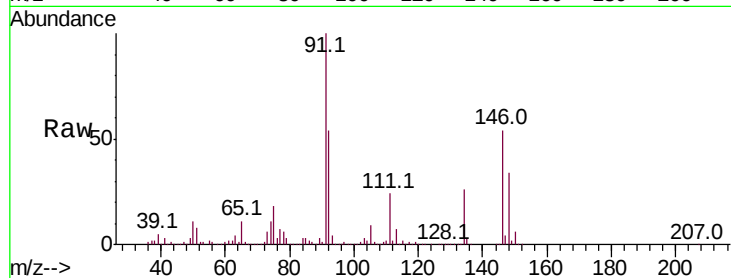
Tot Ion: 91 Resp: 528661

Ion Ratio Lower Upper

91 100

92 54.5 26.9 80.6

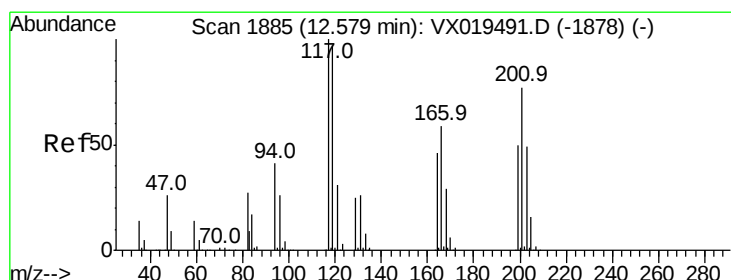
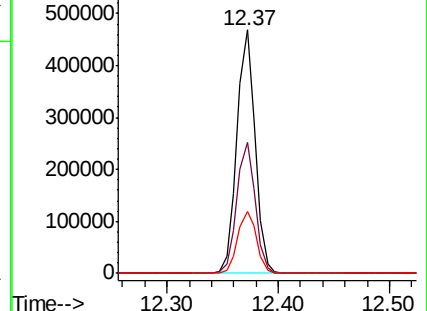
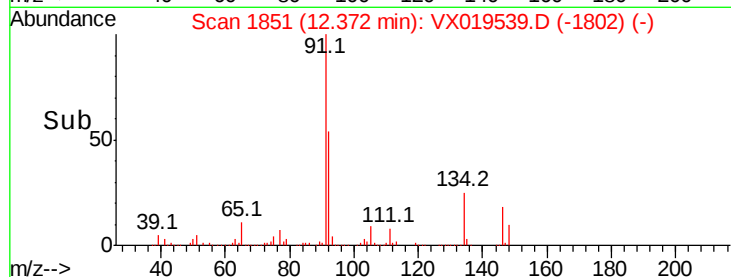
134 26.5 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX019491.D (-1844) (-)

Ion 92.00 (91.70 to 92.70): VX019491.D (-1844) (-)

Ion 134.00 (133.70 to 134.70): VX019491.D (-1844) (-)



#90

Hexachloroethane

Concen: 52.093 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019539.D

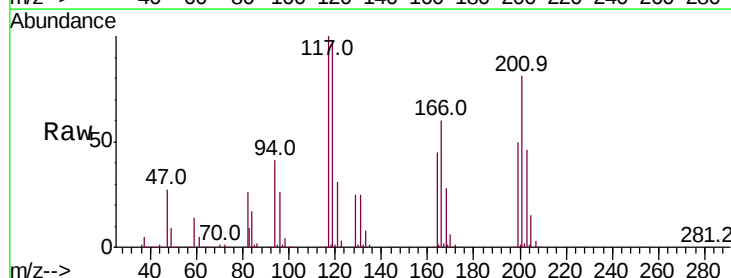
Acq: 21 Nov 2020 10:10

Tgt Ion: 117 Resp: 107106

Ion Ratio Lower Upper

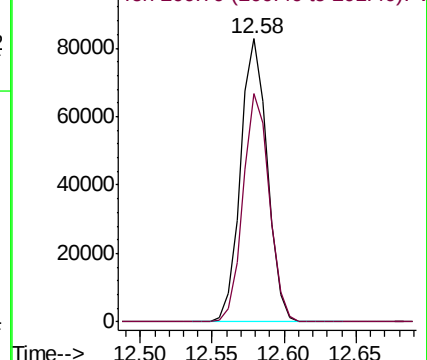
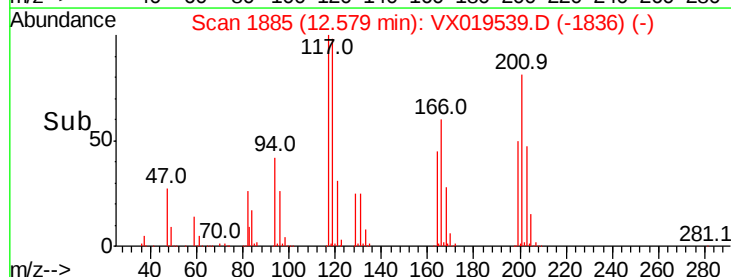
117 100

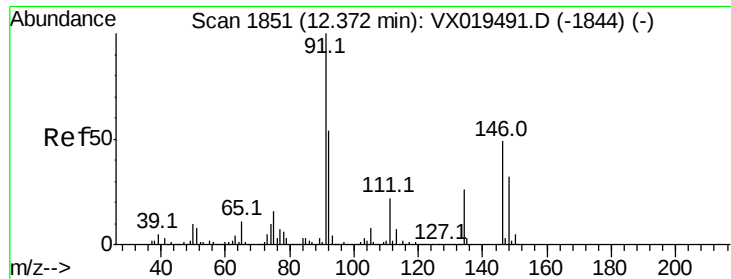
201 78.6 39.4 118.2



Abundance Ion 116.80 (116.50 to 117.50): VX019491.D (-1878) (-)

Ion 200.70 (200.40 to 201.40): VX019491.D (-1878) (-)

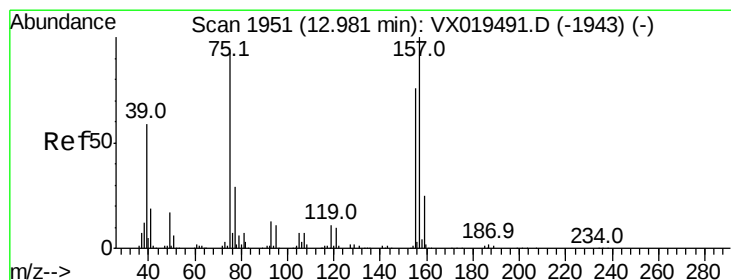
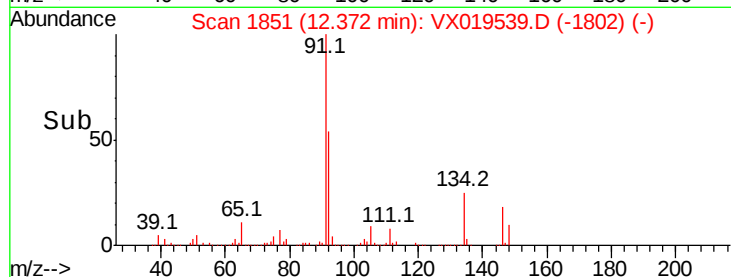
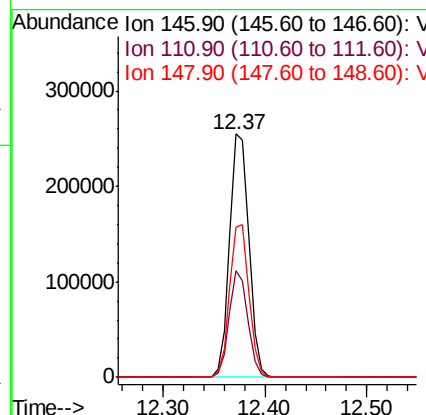
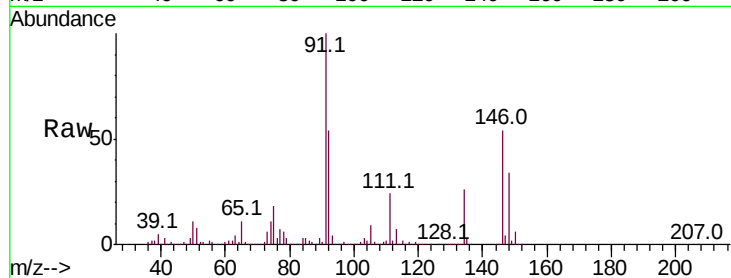




#91
 1,2-Dichlorobenzene
 Concen: 50.757 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

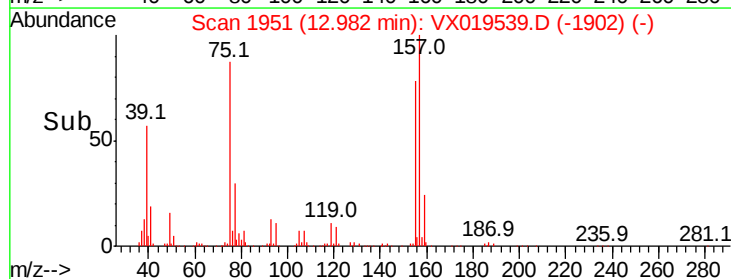
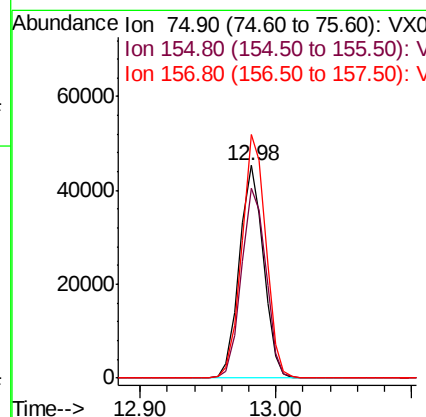
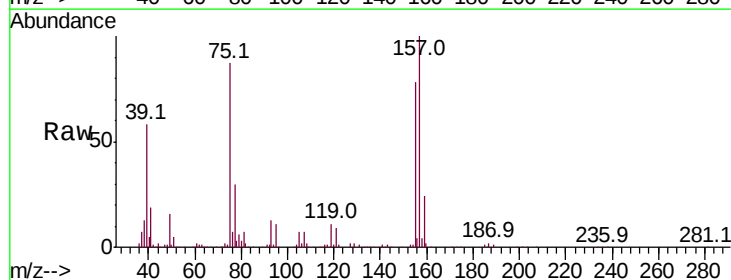
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

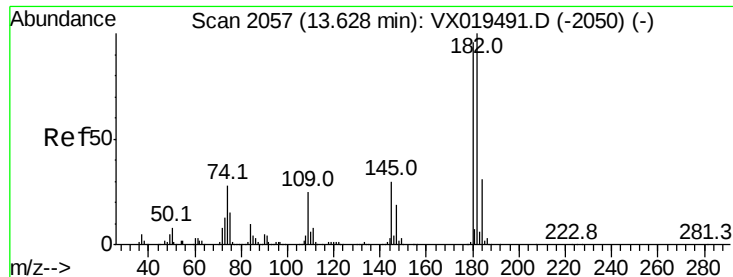
Tot Ion:146 Resp: 335010
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.1 63.3
 148 62.5 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.732 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Tgt Ion: 75 Resp: 55970
 Ion Ratio Lower Upper
 75 100
 155 90.5 43.6 130.9
 157 114.3 57.0 170.8

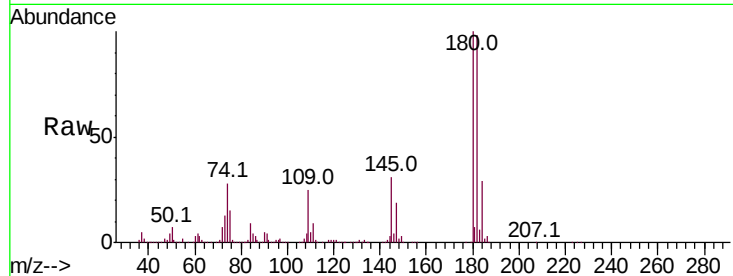




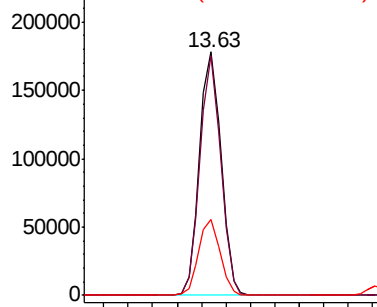
#93
 1,2,4-Trichlorobenzene
 Concen: 51.170 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

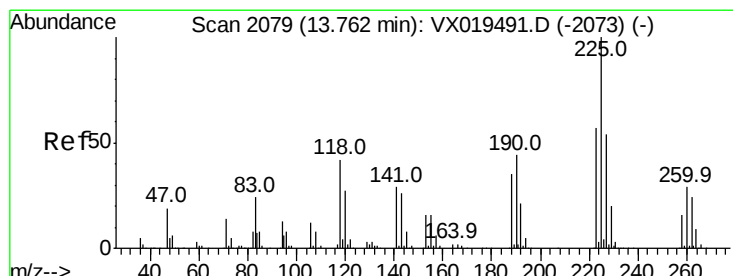
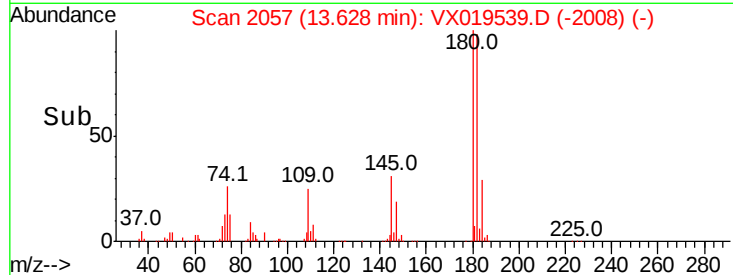
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.6	145.9
145	31.0	15.9	47.7



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

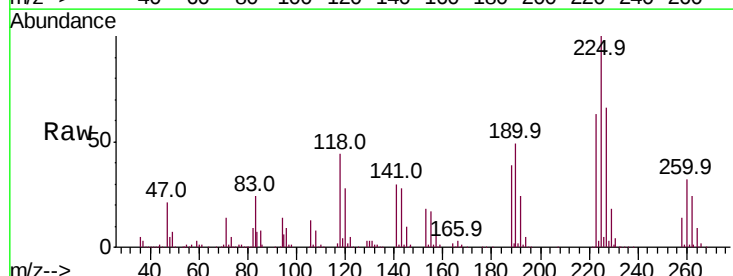


Time-->

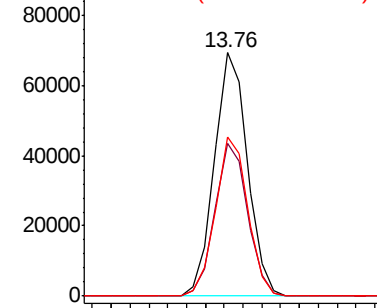


#94
 Hexachlorobutadiene
 Concen: 43.628 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019539.D
 Acq: 21 Nov 2020 10:10

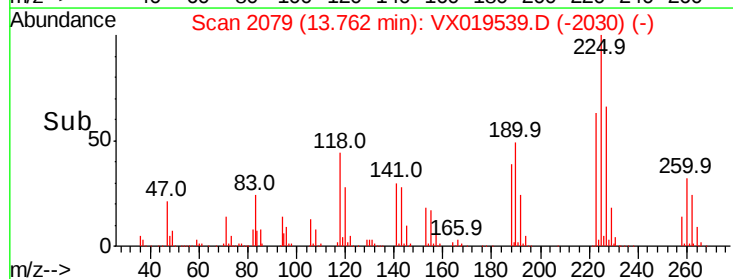
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.5	97.5
227	64.0	32.8	98.3

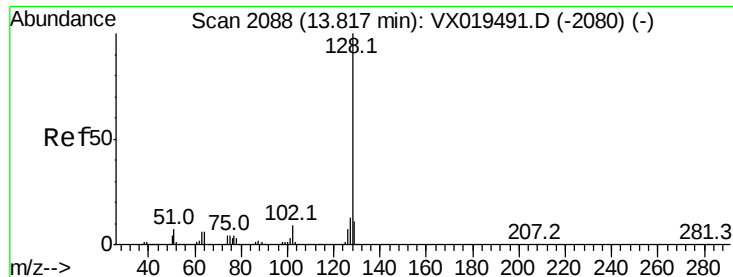


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 50.481 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

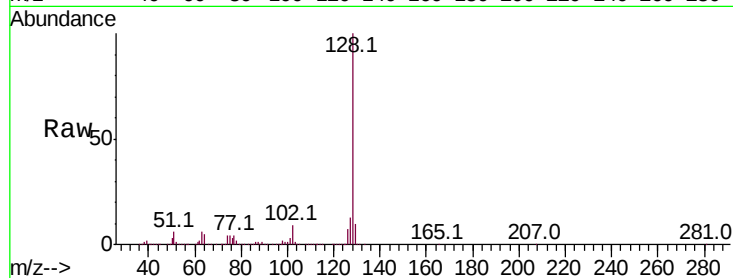
Tot Ion:128 Resp: 754792

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

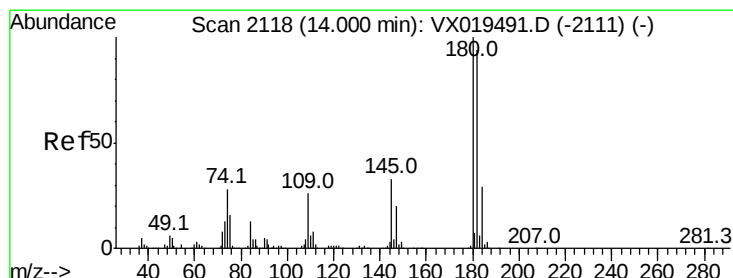
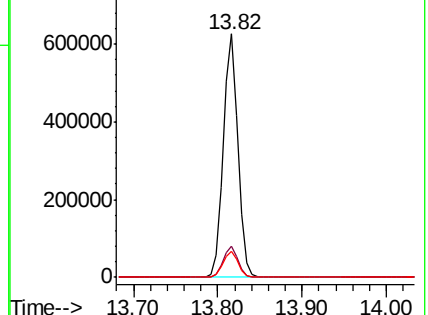
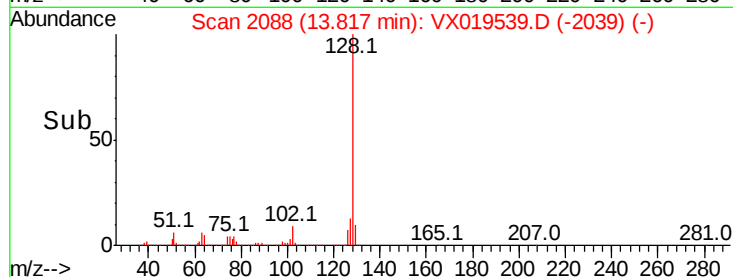
129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.948 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019539.D

Acq: 21 Nov 2020 10:10

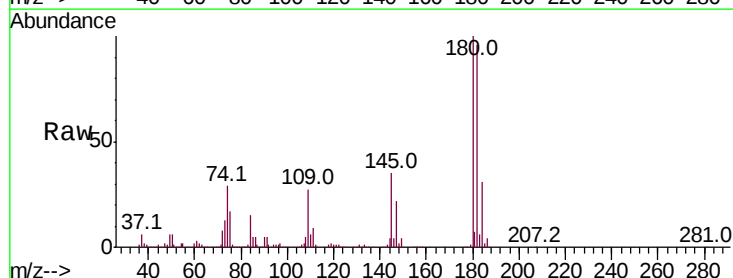
Tgt Ion:180 Resp: 220186

Ion Ratio Lower Upper

180 100

182 94.5 48.1 144.3

145 33.0 16.6 49.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

