

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103120\
 Data File : VX019195.D
 Acq On : 29 Oct 2020 18:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 30 04:03:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	261503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	431881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	405539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198118	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	166110	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
35) Dibromofluoromethane	5.46	113	132074	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	
50) Toluene-d8	8.70	98	504973	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	11.12	95	195108	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	108900	49.953	ug/l	99
3) Chloromethane	1.31	50	126667	52.007	ug/l	100
4) Vinyl Chloride	1.39	62	146014	51.695	ug/l	98
5) Bromomethane	1.63	94	91973	47.680	ug/l	99
6) Chloroethane	1.71	64	95813	53.129	ug/l	96
7) Trichlorofluoromethane	1.92	101	230068	51.847	ug/l	96
8) Diethyl Ether	2.17	74	90701	53.258	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	125643	51.083	ug/l	98
10) Methyl Iodide	2.49	142	154954	52.943	ug/l	99
11) Tert butyl alcohol	3.02	59	171039	256.778	ug/l	100
12) 1,1-Dichloroethene	2.36	96	125929	49.685	ug/l	98
13) Acrolein	2.27	56	73811	247.891	ug/l	98
14) Allyl chloride	2.71	41	202440	52.733	ug/l	98
15) Acrylonitrile	3.11	53	378685	270.545	ug/l	99
16) Acetone	2.42	43	339039	291.415	ug/l	98
17) Carbon Disulfide	2.55	76	339668	47.061	ug/l	99
18) Methyl Acetate	2.75	43	153003	54.082	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	459869	52.366	ug/l	100
20) Methylene Chloride	2.84	84	148556	50.861	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	142814	48.960	ug/l	95
22) Diisopropyl ether	3.82	45	415511	54.292	ug/l	99
23) Vinyl Acetate	3.78	43	1868911	273.836	ug/l	98
24) 1,1-Dichloroethane	3.67	63	250253	52.371	ug/l	99
25) 2-Butanone	4.64	43	516568	281.730	ug/l	99
26) 2,2-Dichloropropane	4.55	77	229222	51.027	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	166070	50.948	ug/l	98
28) Bromochloromethane	4.98	49	110806	51.008	ug/l	95
29) Tetrahydrofuran	5.09	42	328934	284.669	ug/l	97
30) Chloroform	5.18	83	267766	52.645	ug/l	99
31) Cyclohexane	5.55	56	220571	51.741	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	242894	52.673	ug/l	99
36) 1,1-Dichloropropene	5.77	75	202578	50.796	ug/l	99
37) Ethyl Acetate	4.79	43	200316	54.098	ug/l	98
38) Carbon Tetrachloride	5.76	117	207643	51.080	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	241994	50.748	ug/l	98
40) Benzene	6.11	78	585062	51.741	ug/l	99
41) Methacrylonitrile	5.00	41	108141	54.230	ug/l	98
42) 1,2-Dichloroethane	6.16	62	216517	51.956	ug/l	100
43) Isopropyl Acetate	6.41	43	327261	52.783	ug/l	99
44) Trichloroethene	7.19	130	160014	49.412	ug/l	94
45) 1,2-Dichloropropane	7.49	63	147163	53.135	ug/l	98
46) Dibromomethane	7.63	93	104665	51.105	ug/l	97
47) Bromodichloromethane	7.87	83	212241	52.577	ug/l	99
48) Methyl methacrylate	7.74	41	161873	54.243	ug/l	98
49) 1,4-Dioxane	7.73	88	71211	1073.020	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1011555	283.863	ug/l	99
52) Toluene	8.76	92	382354	52.501	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	238361	51.697	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	252131	52.002	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	153317	53.281	ug/l	98
56) Ethyl methacrylate	9.16	69	239261	55.049	ug/l	99
57) 1,3-Dichloropropane	9.35	76	257396	53.055	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	626059	257.559	ug/l	98
59) 2-Hexanone	9.47	43	774140	285.388	ug/l	99
60) Dibromochloromethane	9.56	129	168520	53.964	ug/l	100
61) 1,2-Dibromoethane	9.65	107	163686	53.195	ug/l	98
64) Tetrachloroethene	9.32	164	148060	47.919	ug/l	98
65) Chlorobenzene	10.12	112	405987	48.980	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	152276	51.031	ug/l	99
67) Ethyl Benzene	10.23	91	739987	50.101	ug/l	100
68) m/p-Xylenes	10.34	106	554569	100.041	ug/l	98
69) o-Xylene	10.68	106	268541	51.074	ug/l	99
70) Styrene	10.70	104	458962	51.159	ug/l	99
71) Bromoform	10.84	173	119393	50.464	ug/l	100
73) Isopropylbenzene	11.00	105	728105	51.919	ug/l	99
74) N-amyl acetate	10.88	43	284358	55.457	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	226598	51.702	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	278537	68.090	ug/l	85
77) Bromobenzene	11.24	156	178322	51.234	ug/l	95
78) n-propylbenzene	11.34	91	838180	52.358	ug/l	100
79) 2-Chlorotoluene	11.40	91	493784	52.391	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	619446	52.286	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	80806	52.011	ug/l	98
82) 4-Chlorotoluene	11.49	91	587357	51.034	ug/l	98
83) tert-Butylbenzene	11.76	119	597321	52.657	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	620670	51.894	ug/l	100
85) sec-Butylbenzene	11.93	105	717219	52.716	ug/l	99
86) p-Isopropyltoluene	12.05	119	651482	51.879	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	311020	47.984	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	318062	47.141	ug/l	99
89) n-Butylbenzene	12.37	91	600114	50.841	ug/l	98
90) Hexachloroethane	12.58	117	112046	52.494	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	304392	48.907	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55409	51.643	ug/l	98

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Quant Title : SW846 8260
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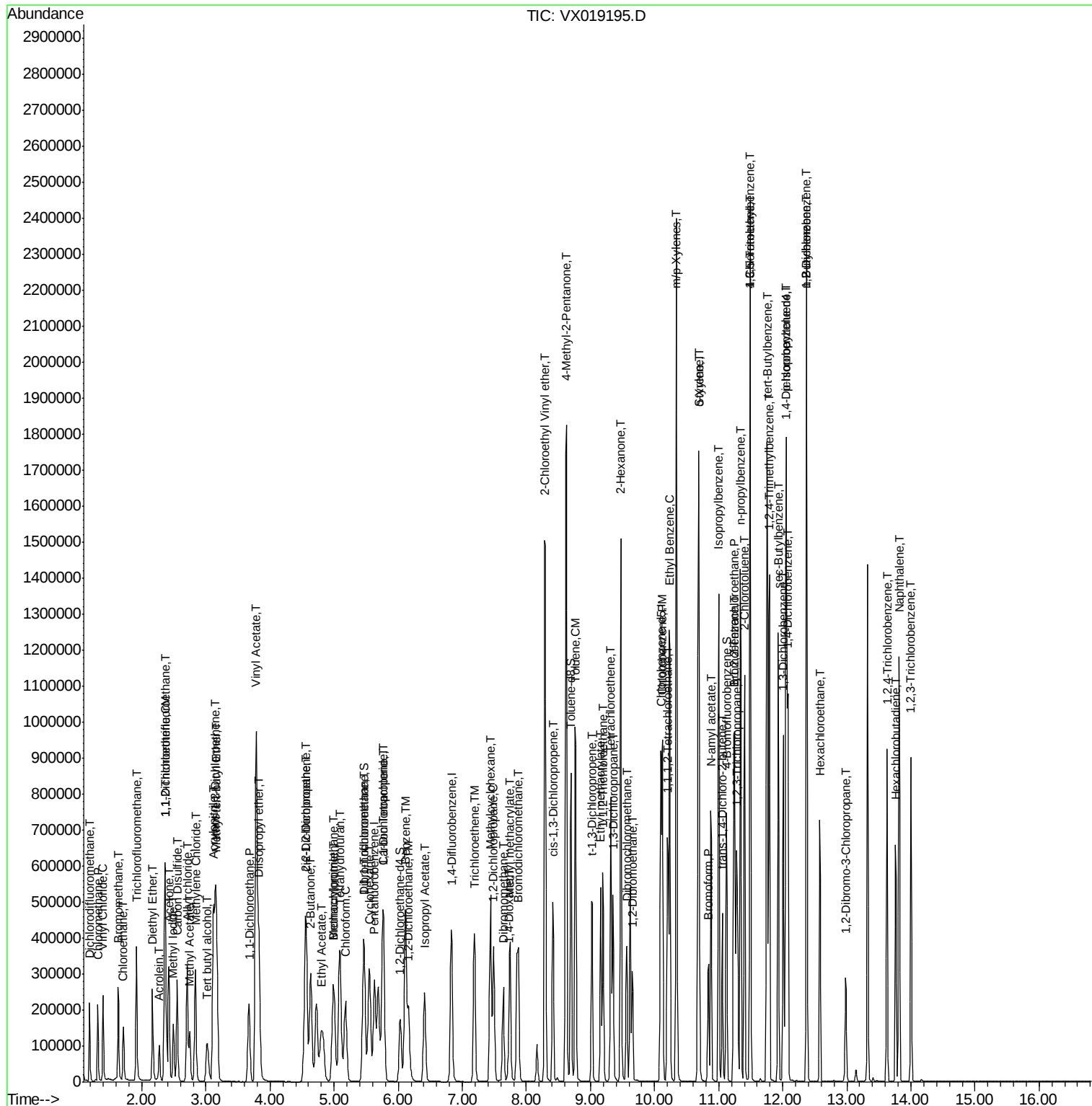
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	212278	45.407	ug/l	99
94) Hexachlorobutadiene	13.76	225	87122	42.334	ug/l	98
95) Naphthalene	13.82	128	709952	48.217	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	208401	45.951	ug/l	98

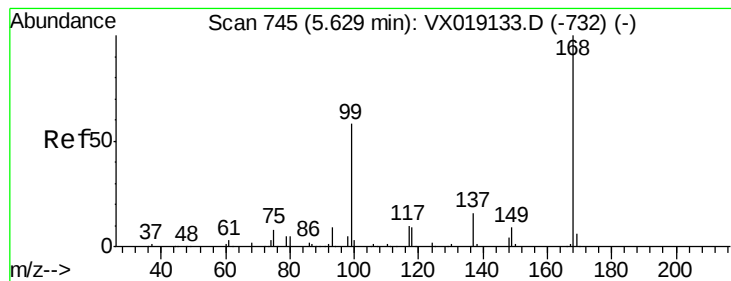
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX103120\
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QLast Update : Tue Oct 27 13:55:07 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

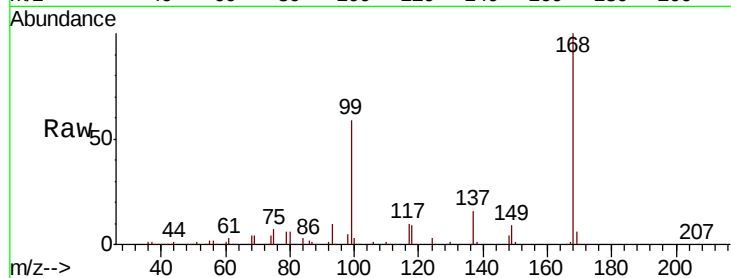
VSTDCCC050EC

Tot Ion:168 Resp: 261503

Ion Ratio Lower Upper

168 100

99 58.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

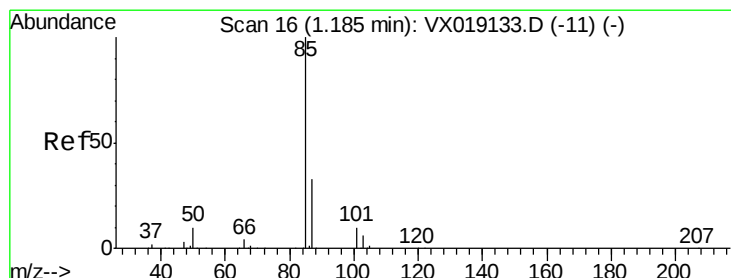
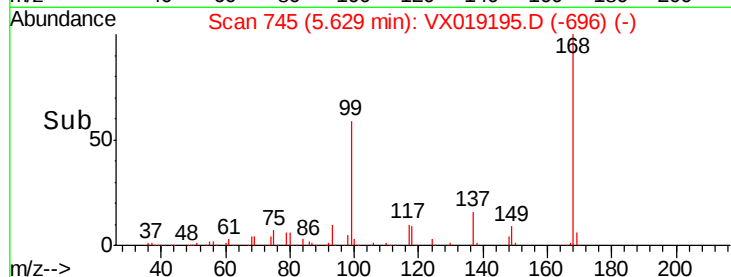
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.953 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019195.D

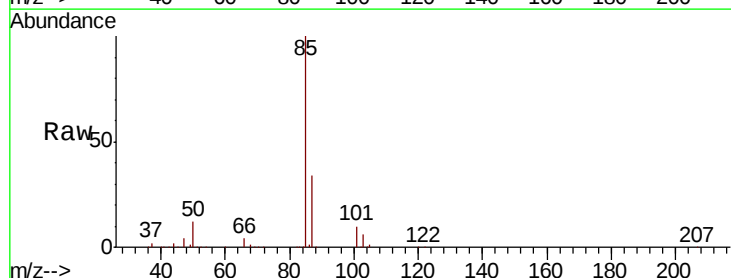
Acq: 29 Oct 2020 18:03

Tgt Ion: 85 Resp: 108900

Ion Ratio Lower Upper

85 100

87 33.6 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

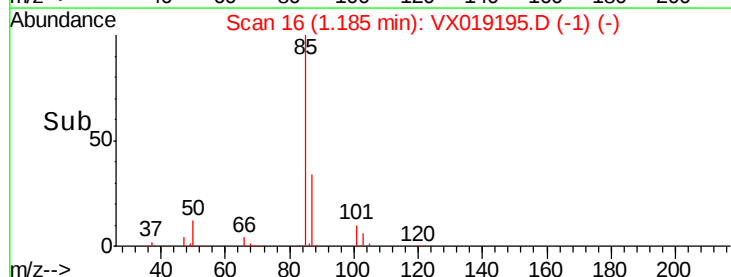
1.18

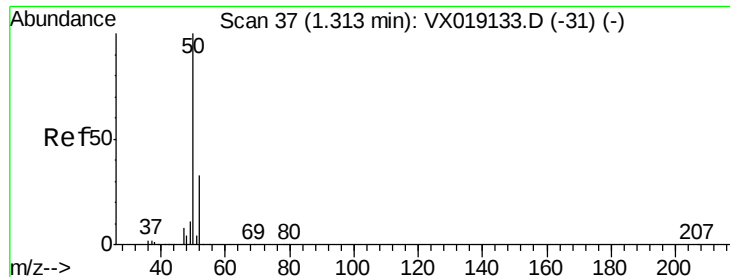
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50000

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Time-->

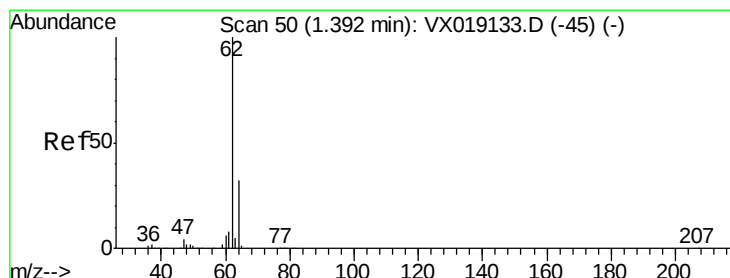
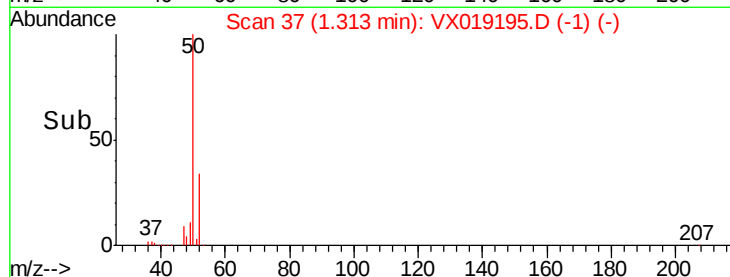
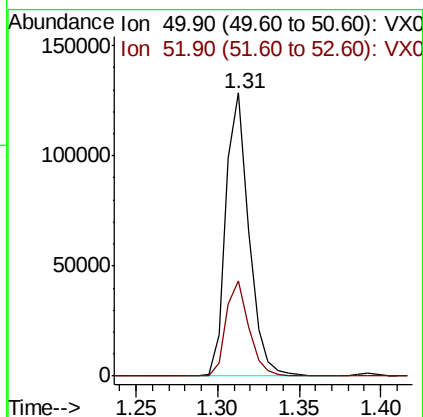
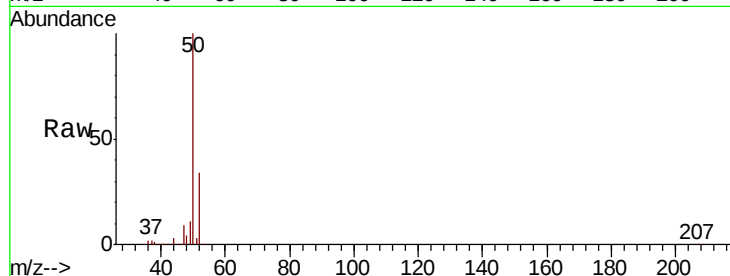




#3
Chloromethane
Concen: 52.007 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

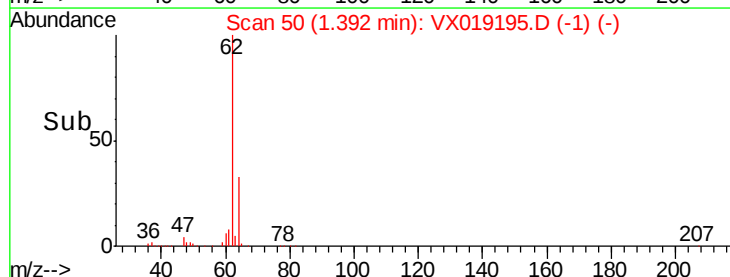
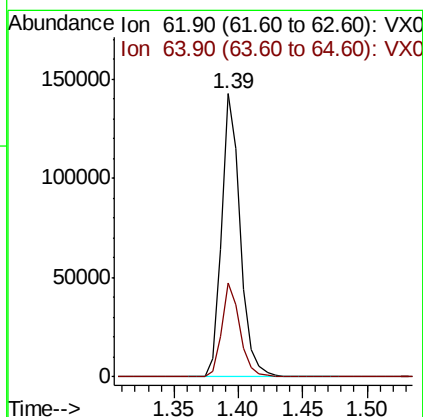
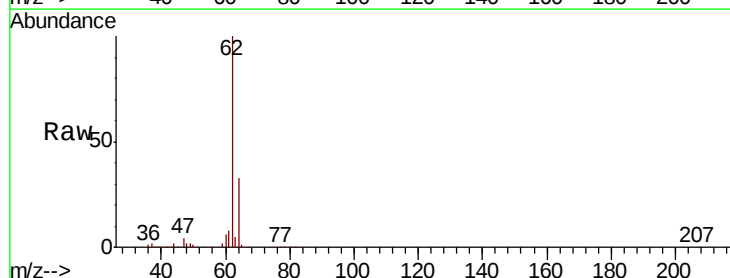
Instrument :
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ClientSampleId :
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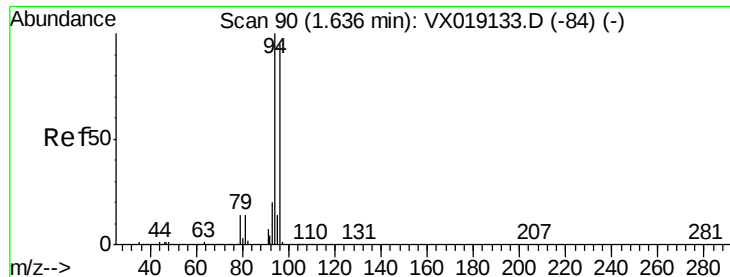
Tot Ion: 50 Resp: 126667
Ion Ratio Lower Upper
50 100
52 33.8 26.8 40.2



#4
Vinyl Chloride
Concen: 51.695 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion: 62 Resp: 146014
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.0





#5

Bromomethane

Concen: 47.680 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

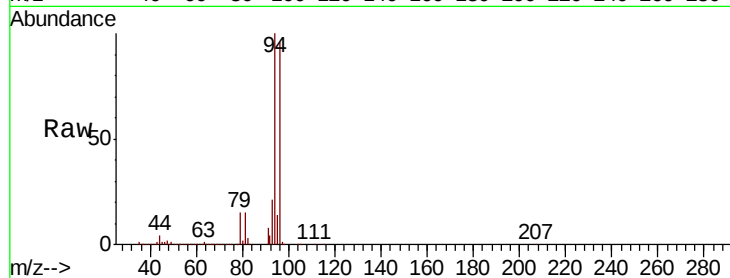
VSTDCCC050EC

Tot Ion: 94 Resp: 91973

Ion Ratio Lower Upper

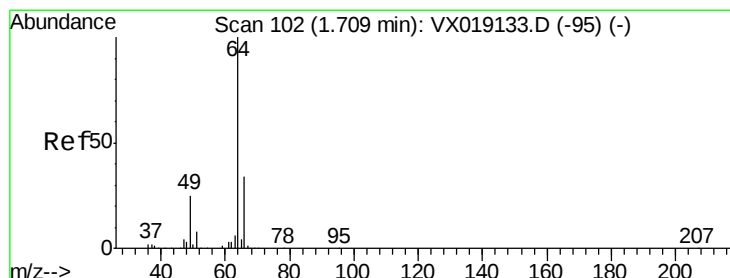
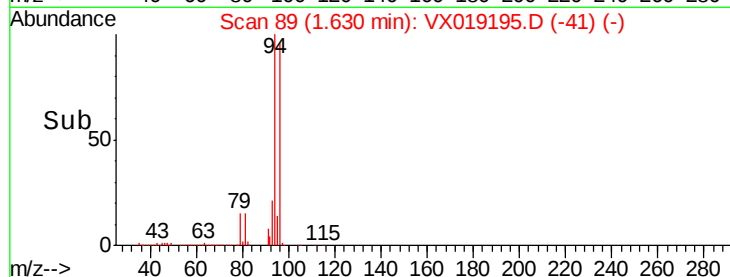
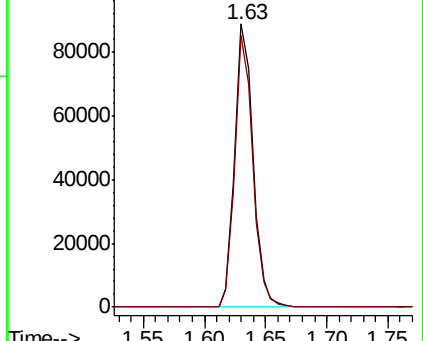
94 100

96 95.9 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.129 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX019195.D

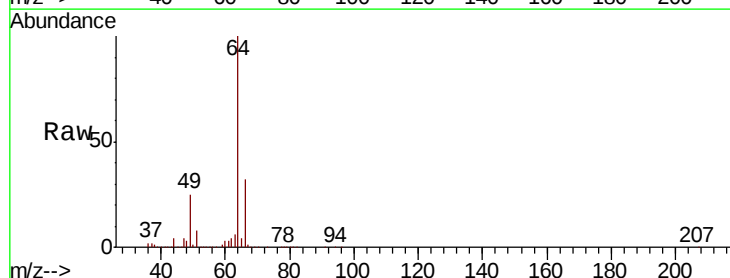
Acq: 29 Oct 2020 18:03

Tgt Ion: 64 Resp: 95813

Ion Ratio Lower Upper

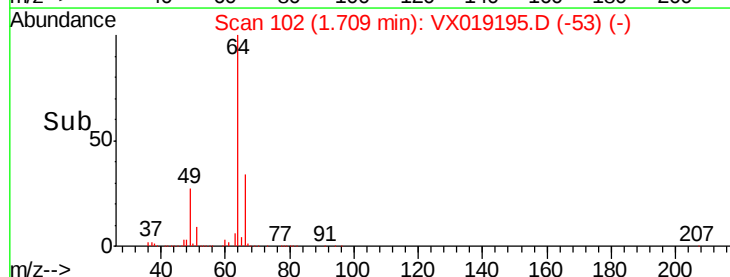
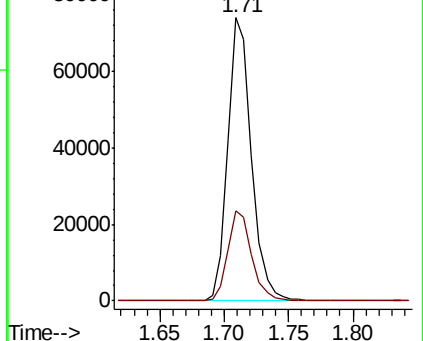
64 100

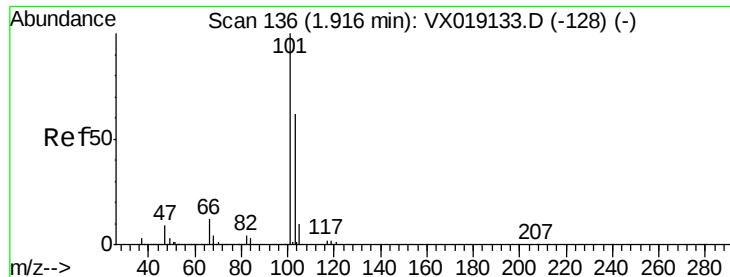
66 31.8 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



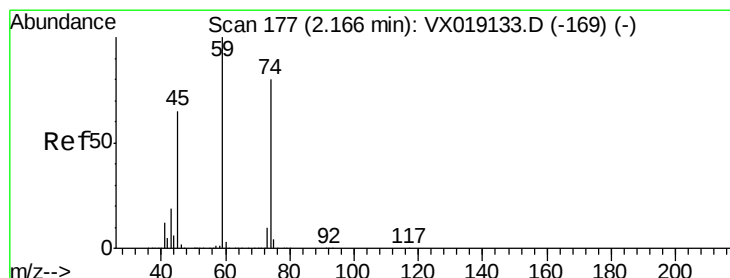
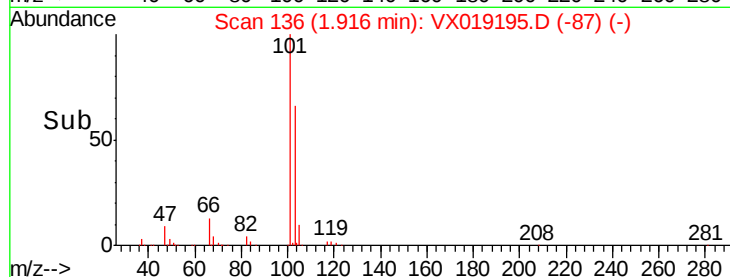
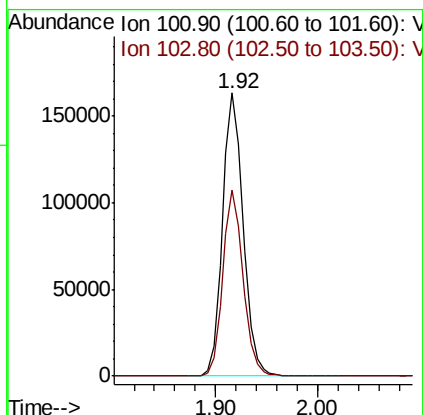
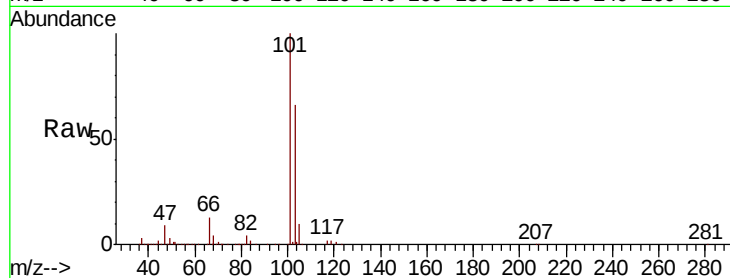


#7

Trichlorofluoromethane
 Concen: 51.847 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

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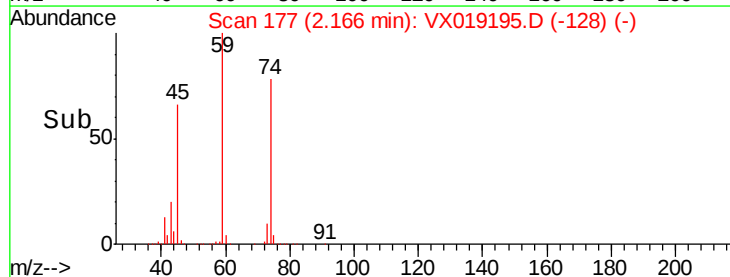
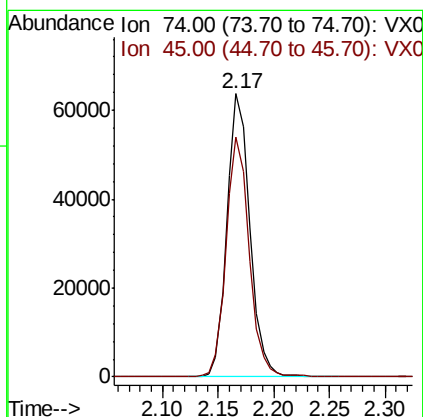
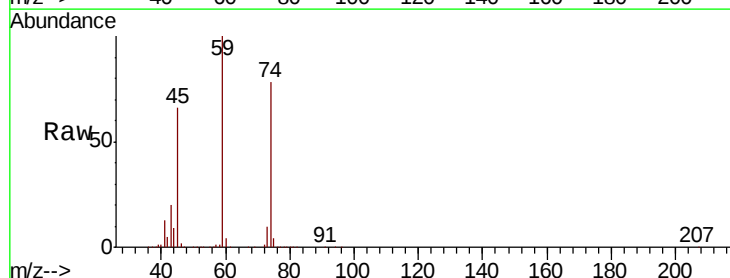
Tot Ion:101 Resp: 230068
 Ion Ratio Lower Upper
 101 100
 103 65.9 50.0 75.0

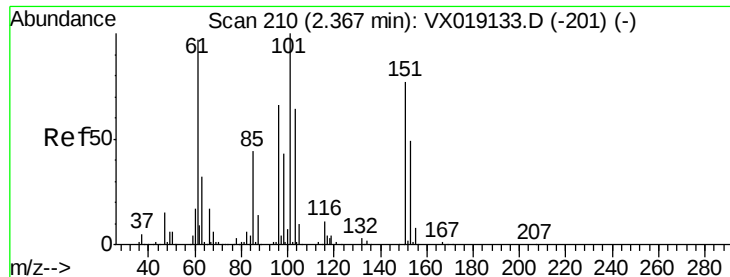


#8

Diethyl Ether
 Concen: 53.258 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Tgt Ion: 74 Resp: 90701
 Ion Ratio Lower Upper
 74 100
 45 85.6 41.0 123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.083 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

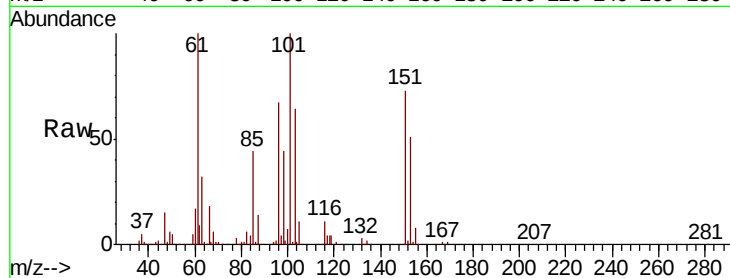
Tot Ion:101 Resp: 125643

Ion Ratio Lower Upper

101 100

85 44.5 35.0 52.4

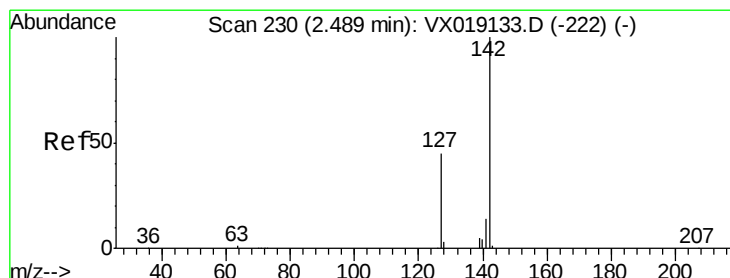
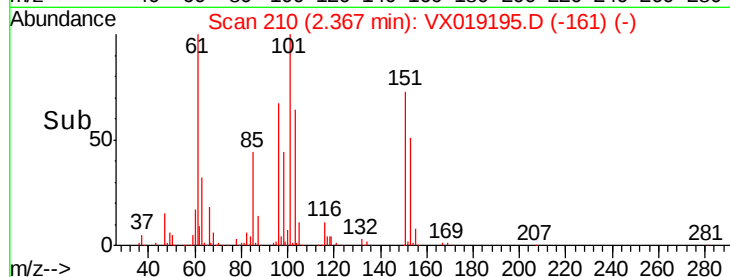
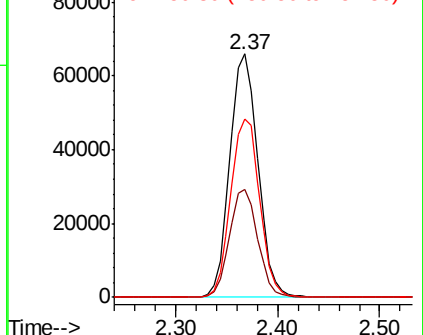
151 75.3 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.943 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

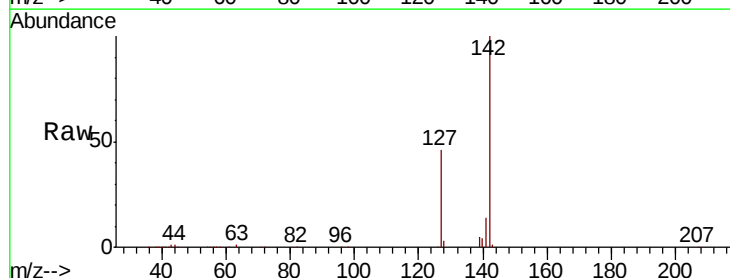
Tgt Ion:142 Resp: 154954

Ion Ratio Lower Upper

142 100

127 45.5 36.1 54.1

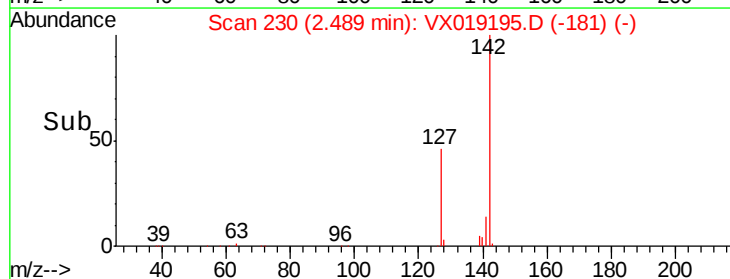
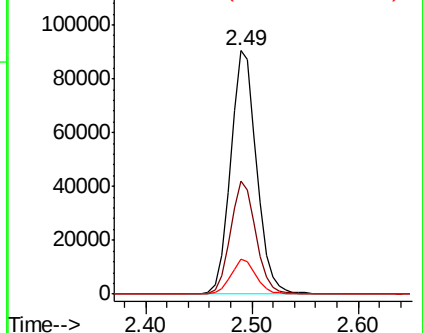
141 13.9 11.3 16.9

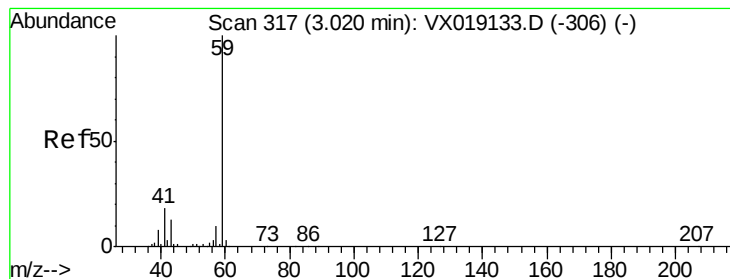


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



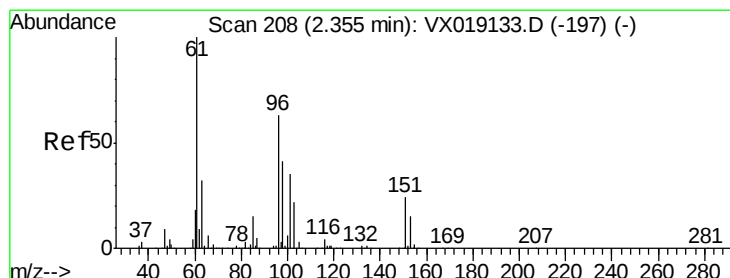
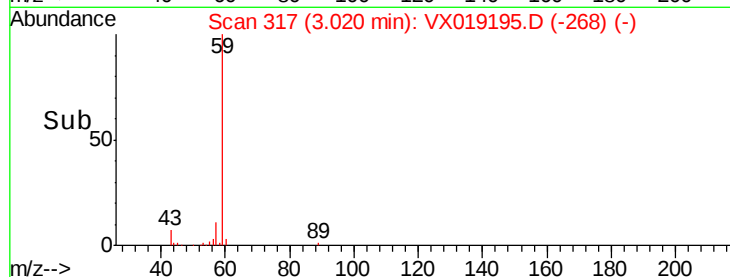
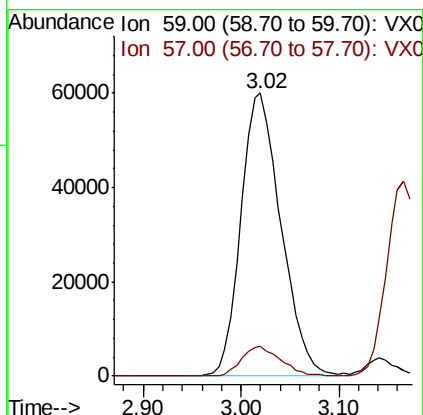
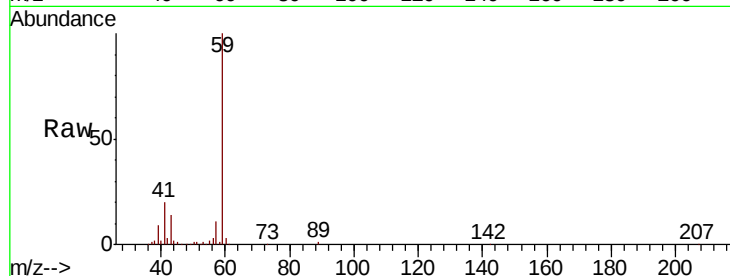


#11

Tert butyl alcohol
 Concen: 256.778 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

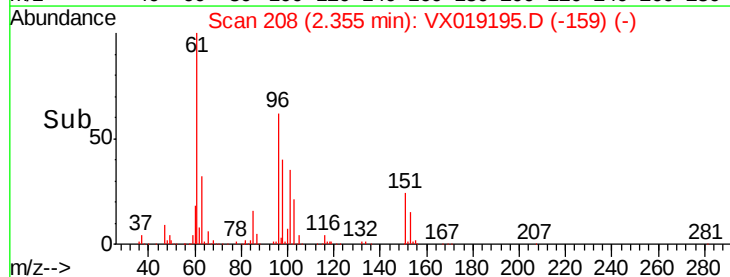
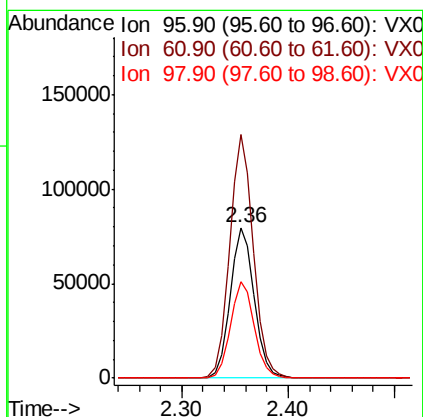
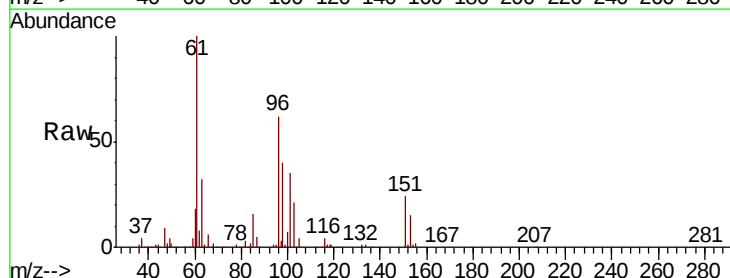
Tot Ion: 59 Resp: 171039
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.4 12.6

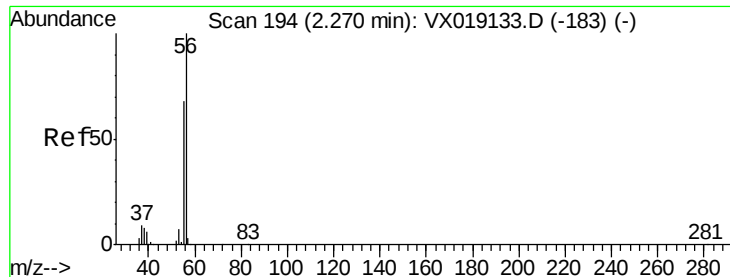


#12

1,1-Dichloroethene
 Concen: 49.685 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Tgt Ion: 96 Resp: 125929
 Ion Ratio Lower Upper
 96 100
 61 161.9 127.7 191.5
 98 64.1 52.1 78.1





#13

Acrolein

Concen: 247.891 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

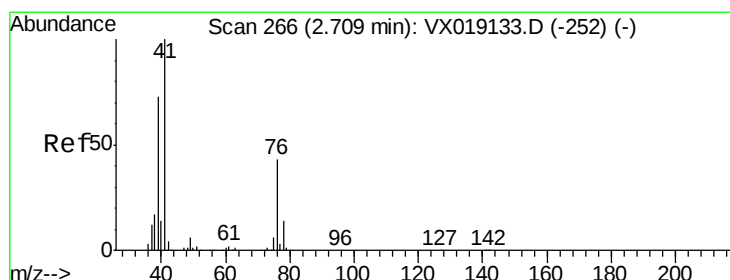
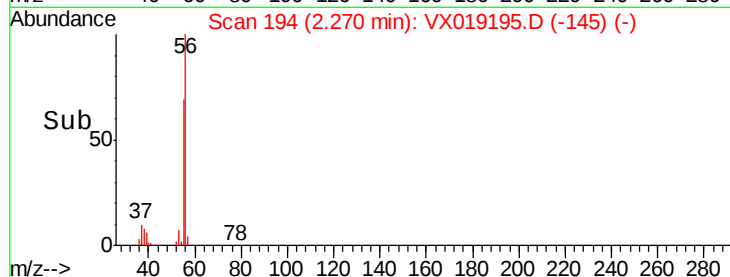
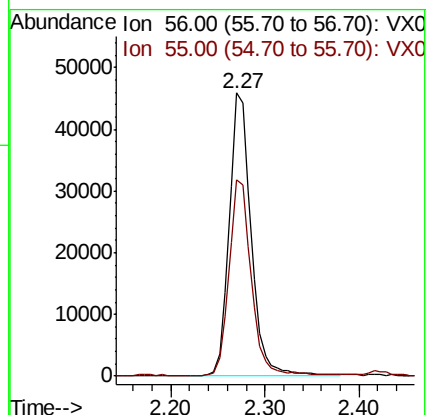
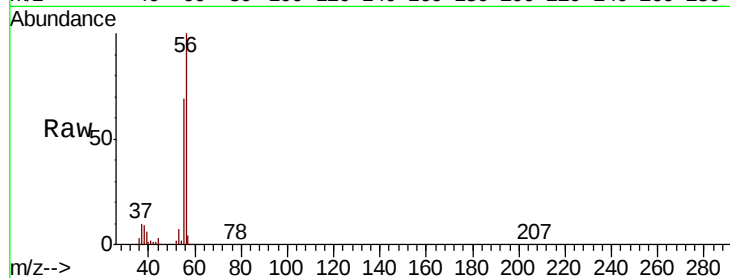
VSTDCCC050EC

Tot Ion: 56 Resp: 73811

Ion Ratio Lower Upper

56 100

55 70.2 54.7 82.1



#14

Allyl chloride

Concen: 52.733 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

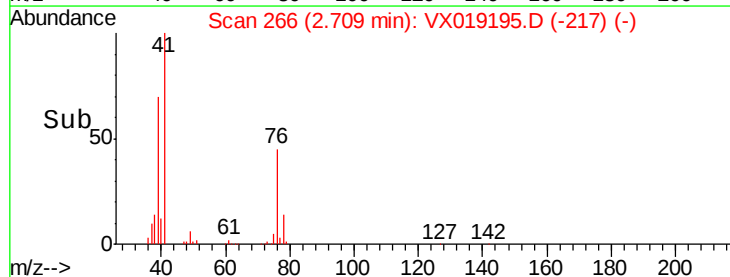
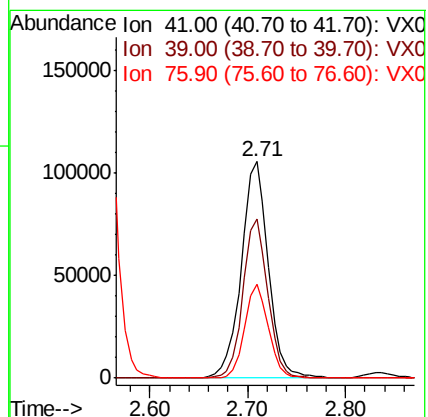
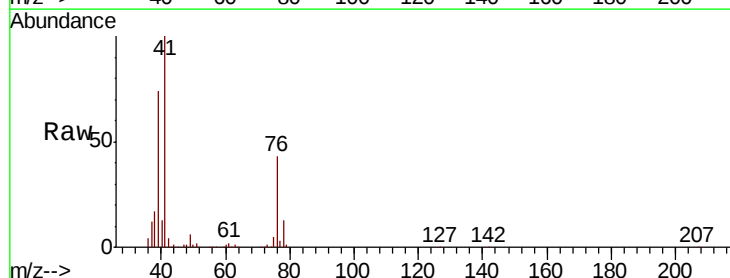
Tgt Ion: 41 Resp: 202440

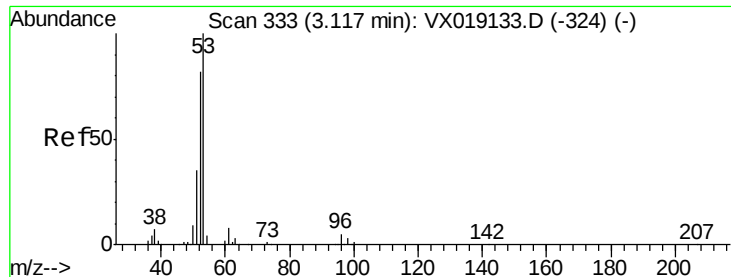
Ion Ratio Lower Upper

41 100

39 67.9 55.2 82.8

76 38.1 31.5 47.3





#15

Acrylonitrile

Concen: 270.545 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

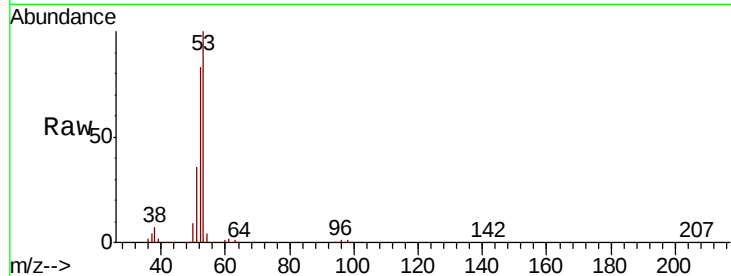
Tot Ion: 53 Resp: 378685

Ion Ratio Lower Upper

53 100

52 82.7 65.7 98.5

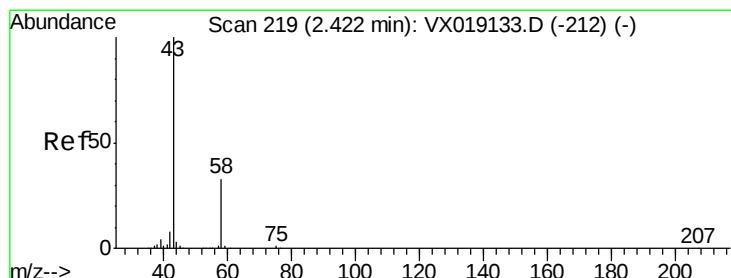
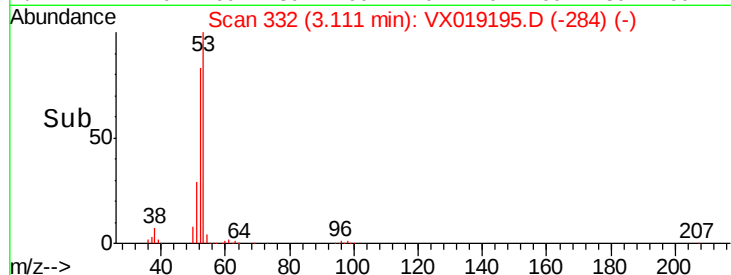
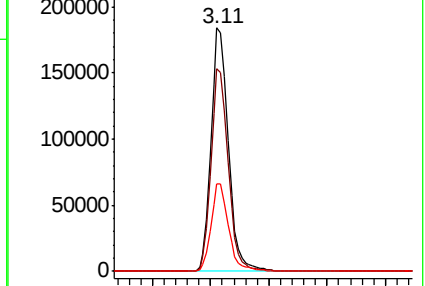
51 36.4 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 291.415 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019195.D

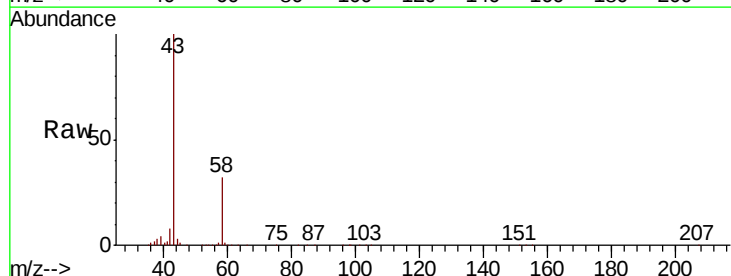
Acq: 29 Oct 2020 18:03

Tgt Ion: 43 Resp: 339039

Ion Ratio Lower Upper

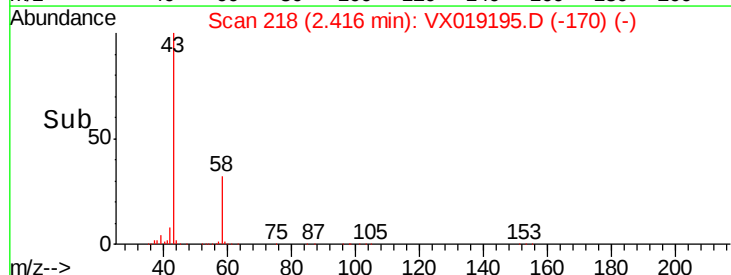
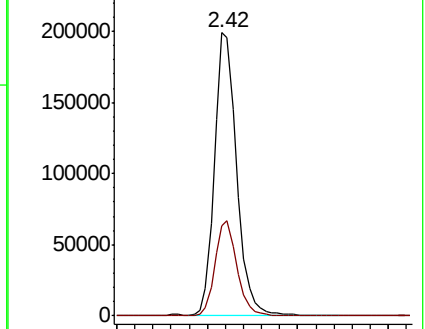
43 100

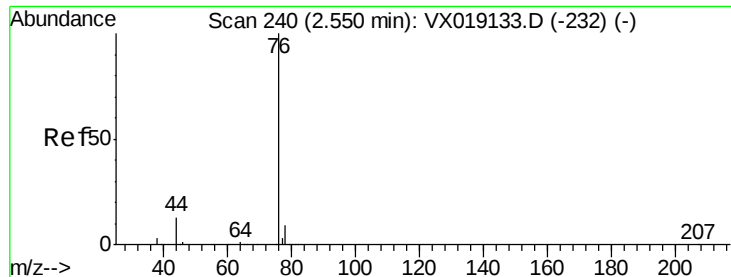
58 32.0 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.061 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

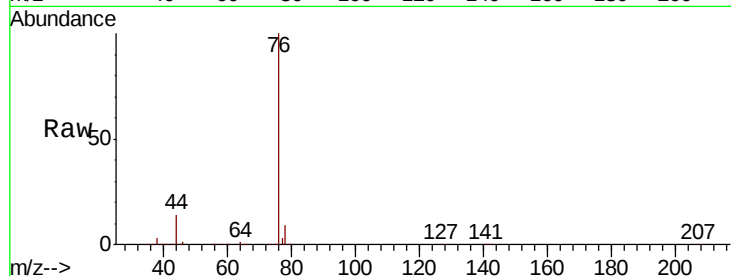
VSTDCCC050EC

Tot Ion: 76 Resp: 339668

Ion Ratio Lower Upper

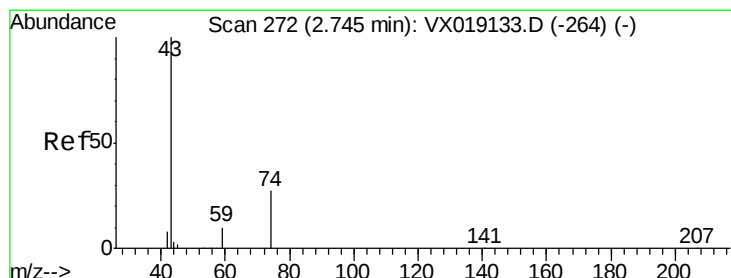
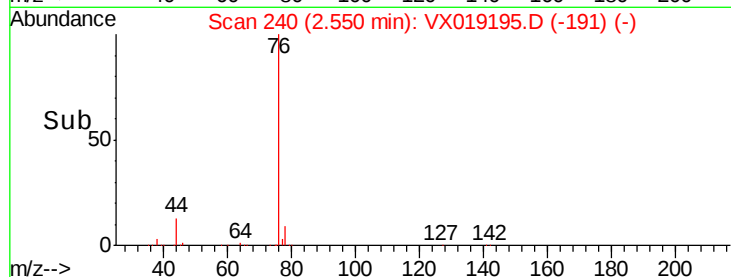
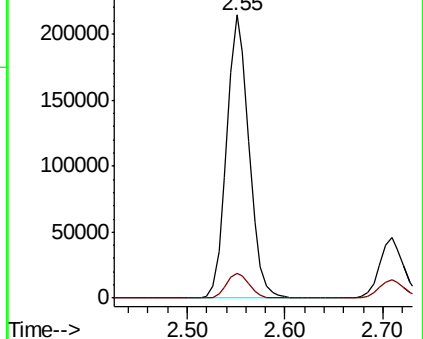
76 100

78 8.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 54.082 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX019195.D

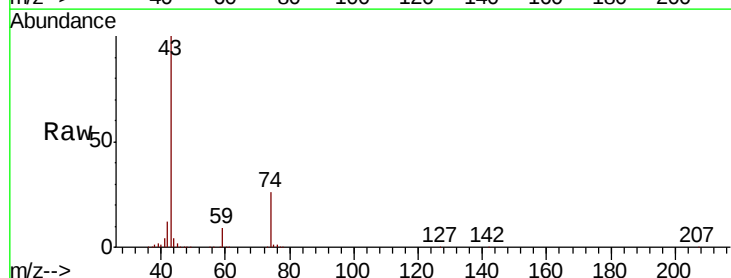
Acq: 29 Oct 2020 18:03

Tgt Ion: 43 Resp: 153003

Ion Ratio Lower Upper

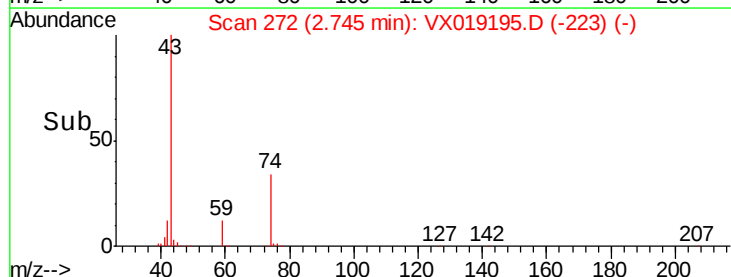
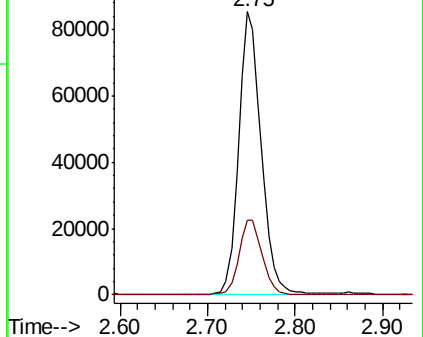
43 100

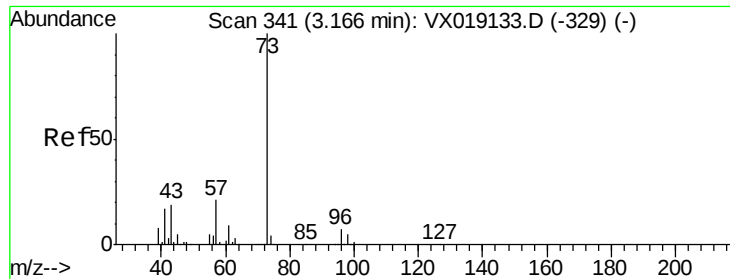
74 27.6 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



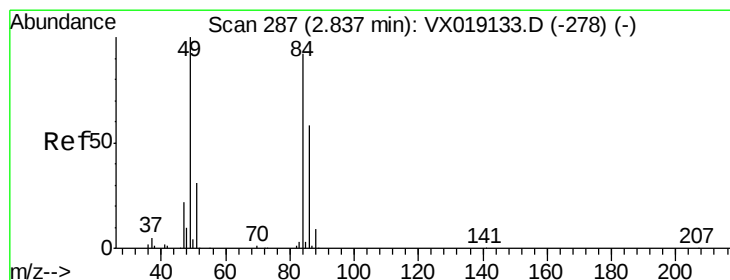
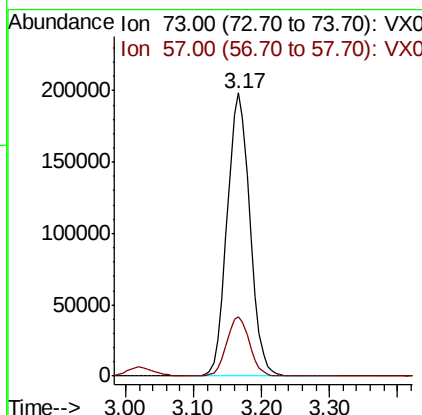
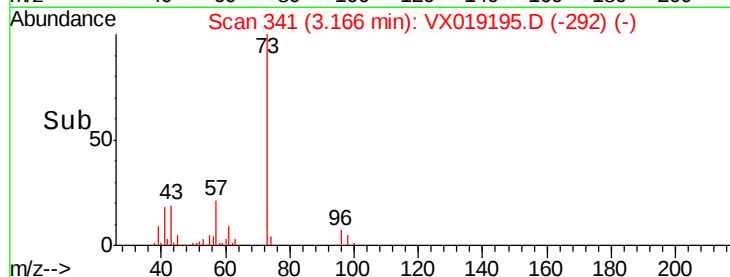
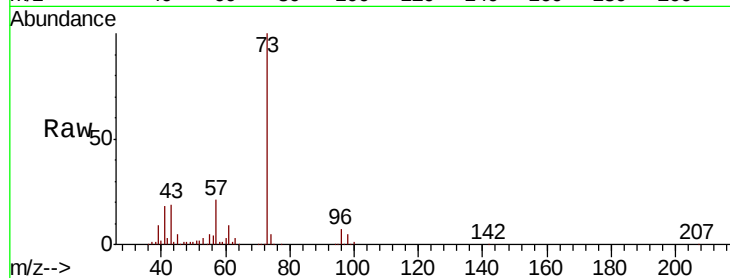


#19

Methyl tert-butyl Ether
 Concen: 52.366 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

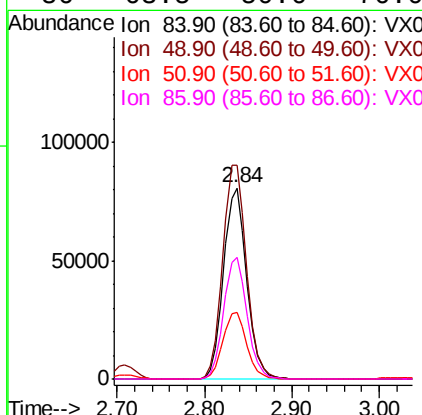
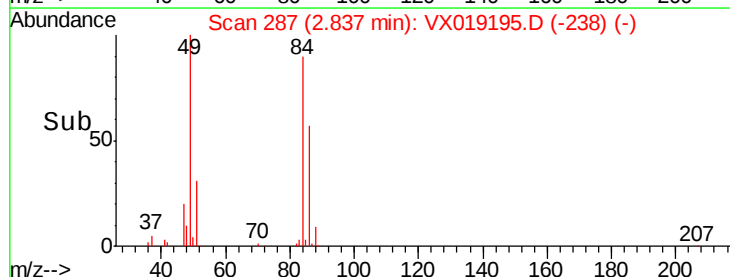
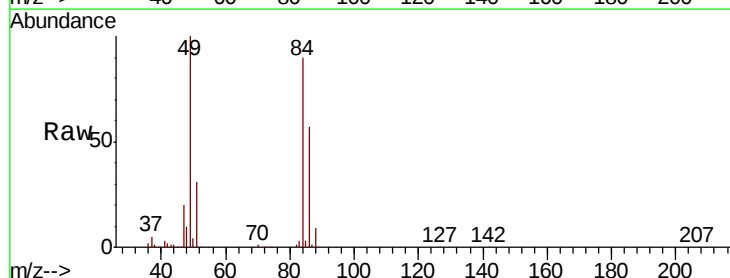
Tot Ion: 73 Resp: 459869
 Ion Ratio Lower Upper
 73 100
 57 20.9 16.6 25.0

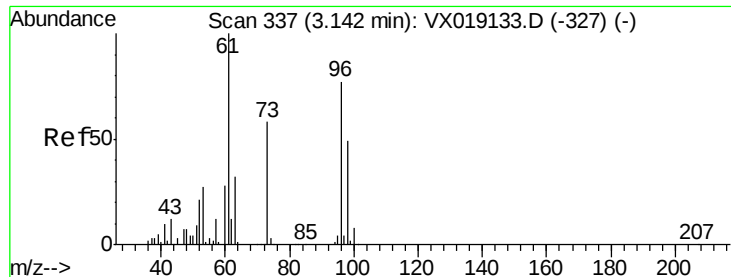


#20

Methylene Chloride
 Concen: 50.861 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Tgt Ion: 84 Resp: 148556
 Ion Ratio Lower Upper
 84 100
 49 111.6 86.8 130.2
 51 34.5 27.3 40.9
 86 63.5 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 48.960 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

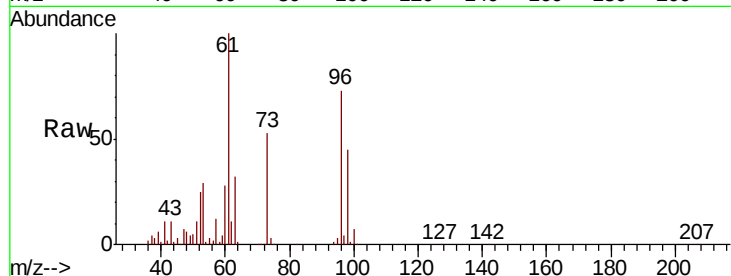
Tot Ion: 96 Resp: 142814

Ion Ratio Lower Upper

96 100

61 136.8 104.2 156.4

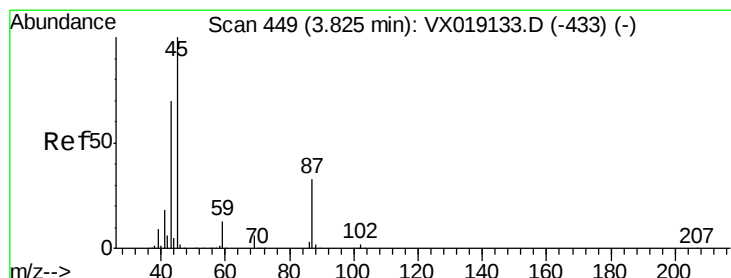
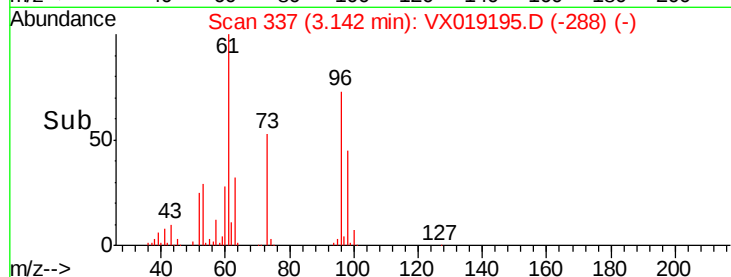
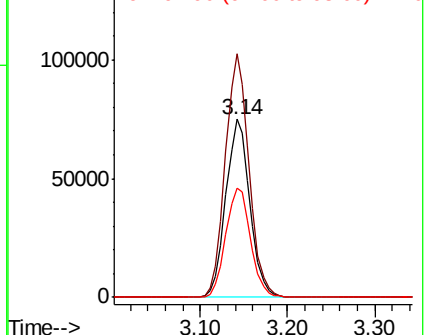
98 61.2 51.3 76.9



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: 54.292 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Tgt Ion: 45 Resp: 415511

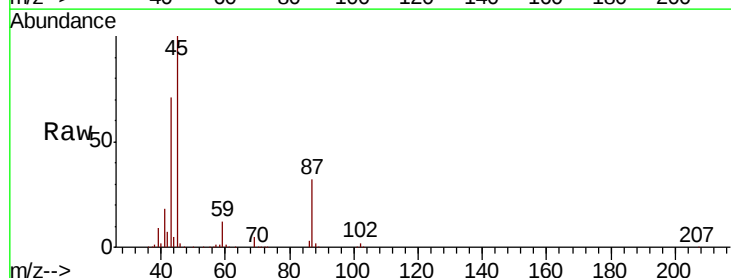
Ion Ratio Lower Upper

45 100

43 71.3 56.2 84.4

87 31.8 26.2 39.2

59 12.5 10.1 15.1

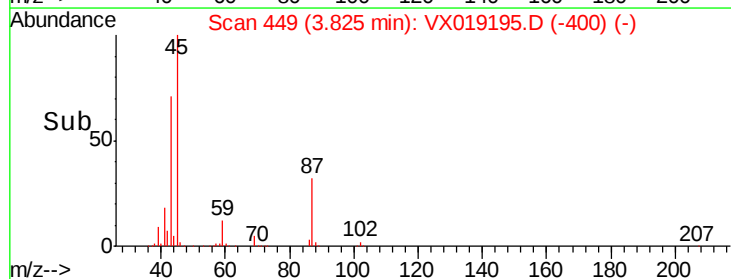
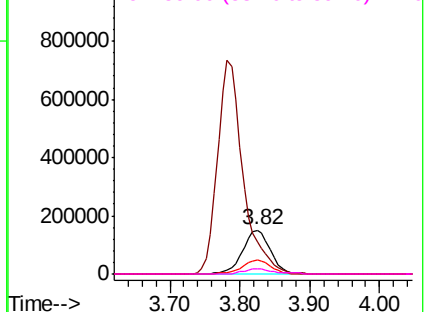


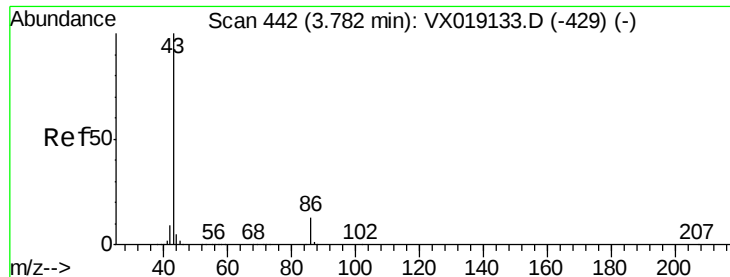
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

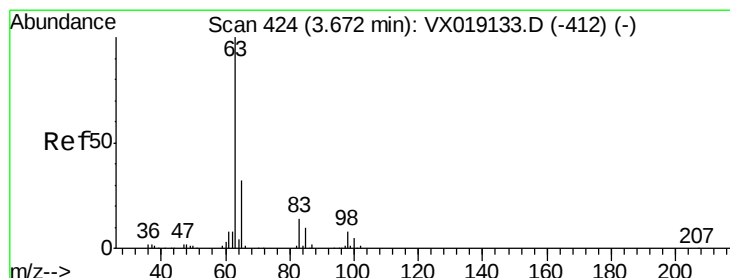
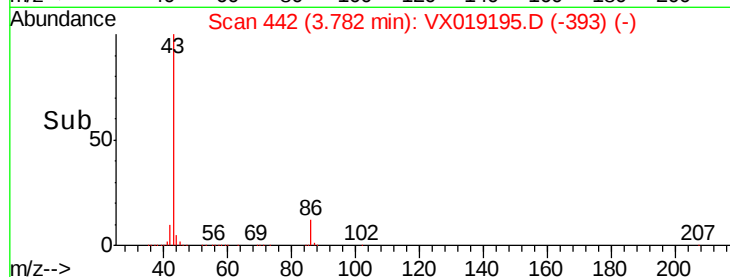
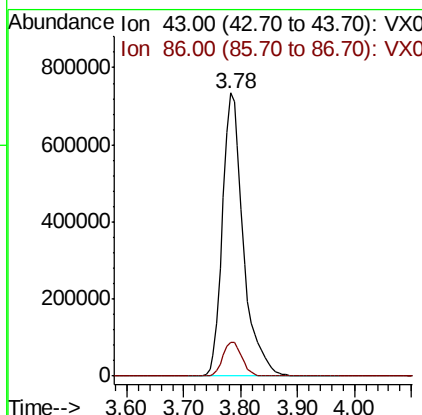
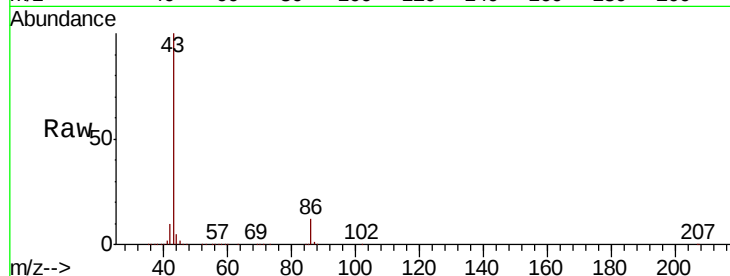




#23
 Vinyl Acetate
 Concen: 273.836 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

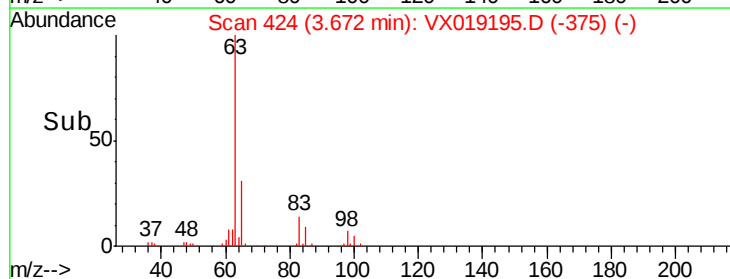
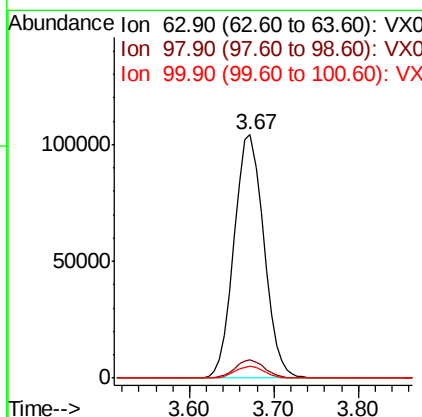
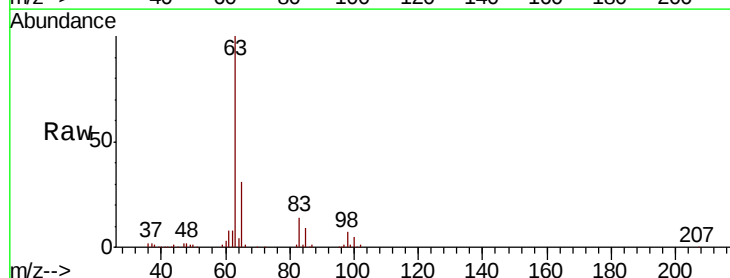
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

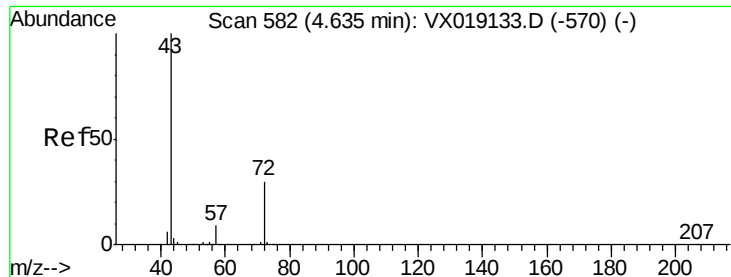
Tot Ion: 43 Resp: 1868911
 Ion Ratio Lower Upper
 43 100
 86 12.1 10.4 15.6



#24
 1,1-Dichloroethane
 Concen: 52.371 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Tgt Ion: 63 Resp: 250253
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.4
 100 5.0 2.4 7.2





#25

2-Butanone

Concen: 281.730 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

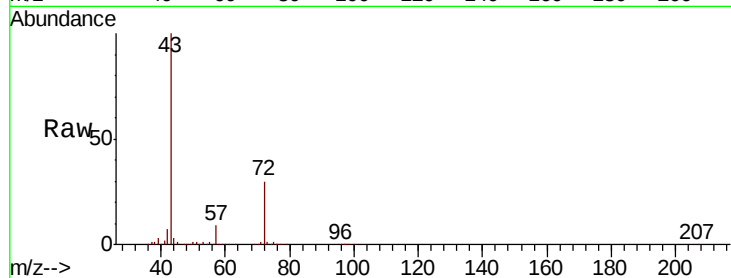
VSTDCCC050EC

Tot Ion: 43 Resp: 516568

Ion Ratio Lower Upper

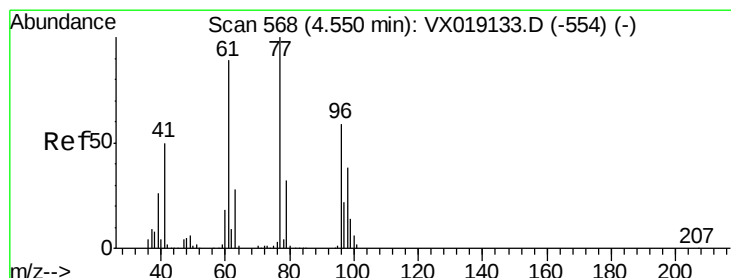
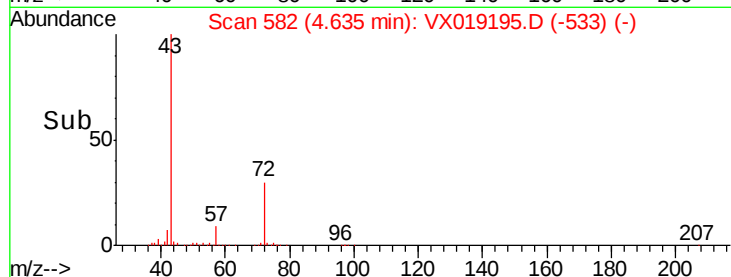
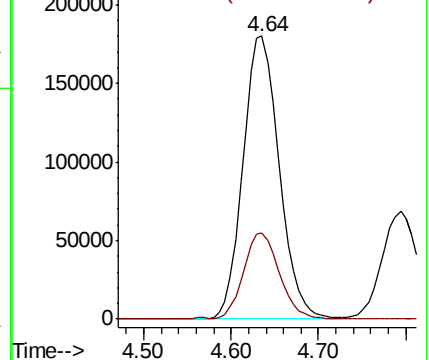
43 100

72 30.2 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 51.027 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019195.D

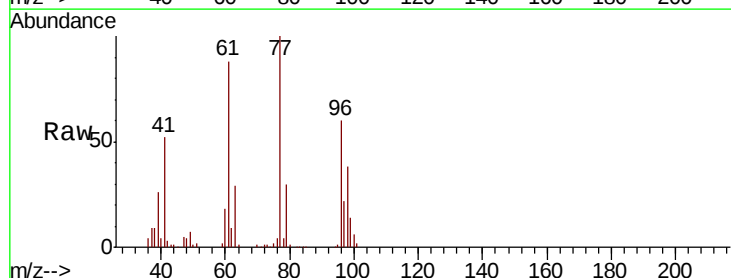
Acq: 29 Oct 2020 18:03

Tgt Ion: 77 Resp: 229222

Ion Ratio Lower Upper

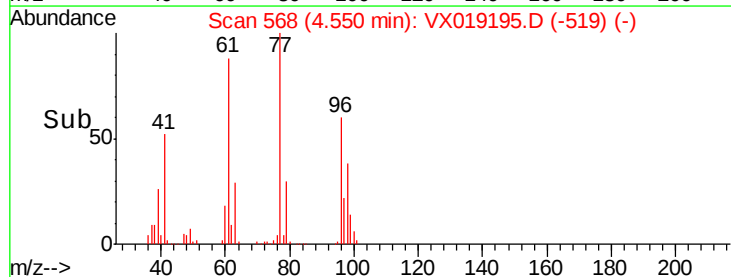
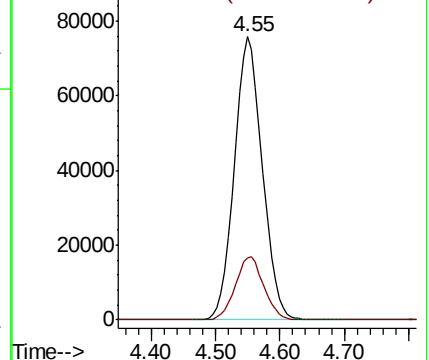
77 100

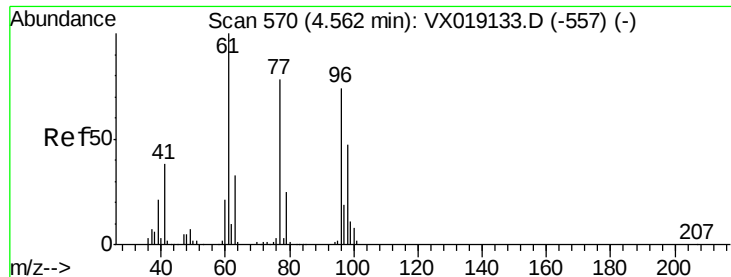
97 22.7 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



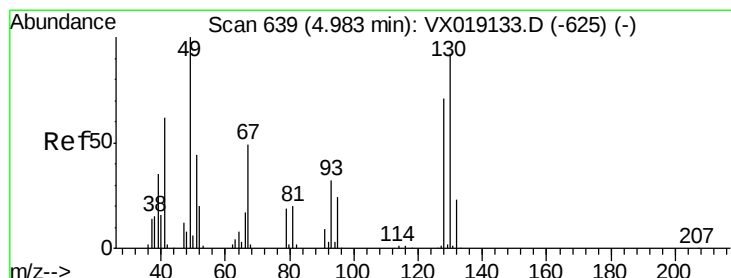
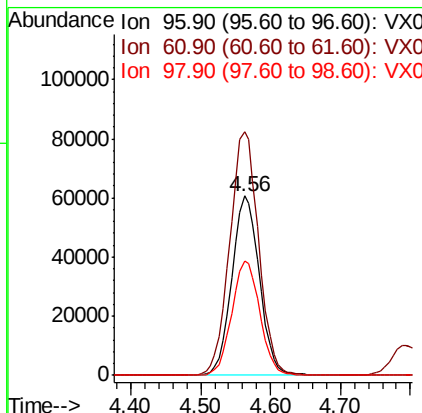
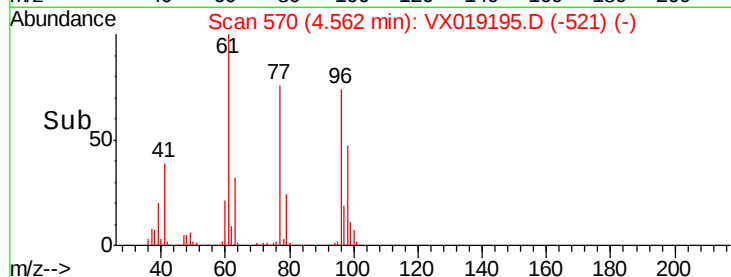
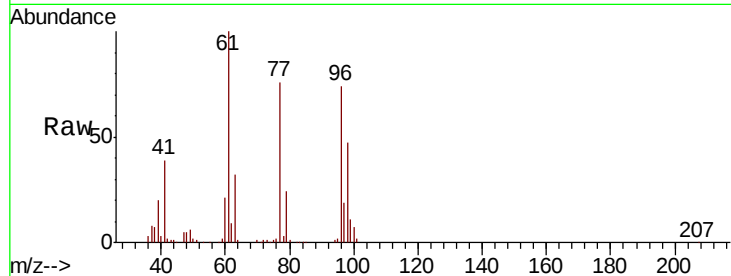


#27

cis-1,2-Dichloroethene
Concen: 50.948 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

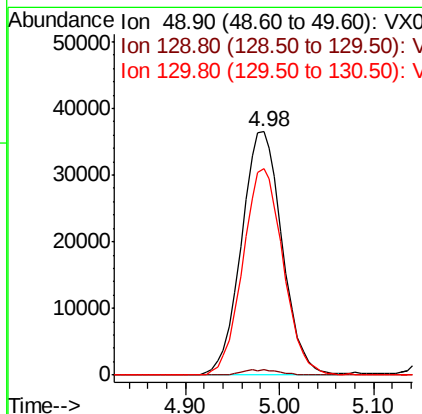
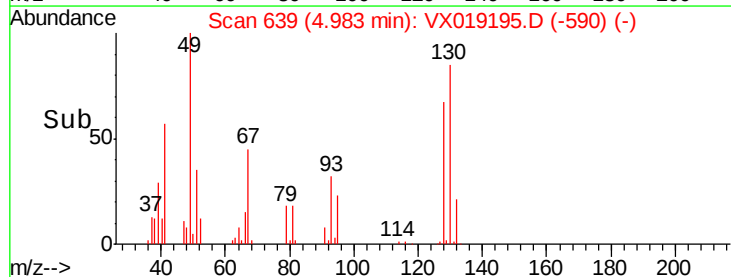
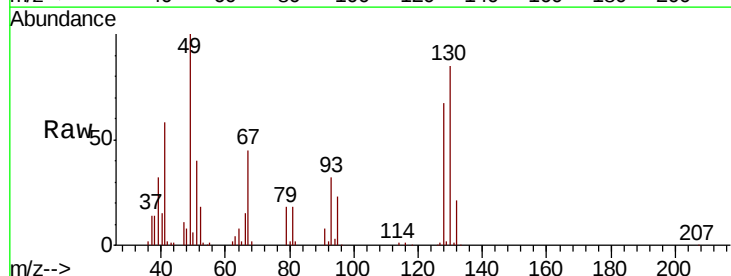
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	278.8
98	64.9	0.0	130.2

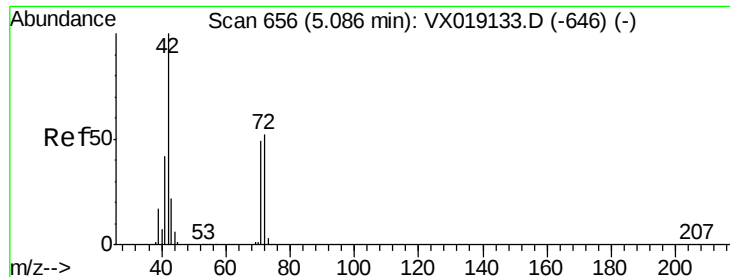


#28

Bromochloromethane
Concen: 51.008 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	84.1	71.3	106.9

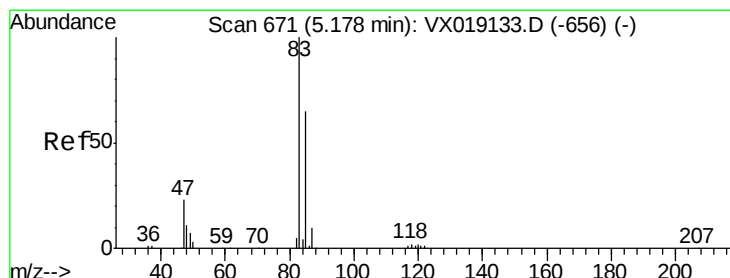
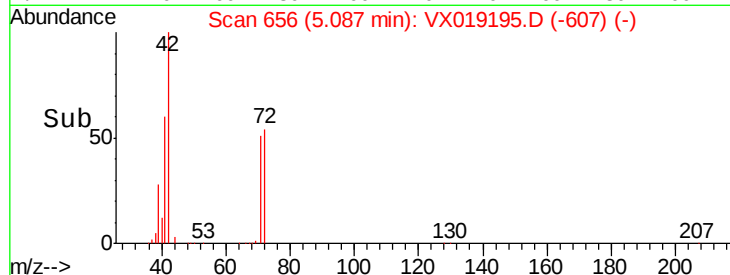
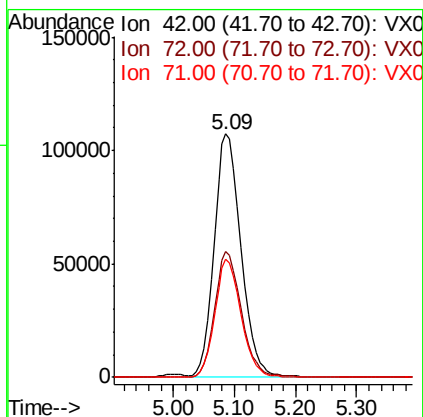
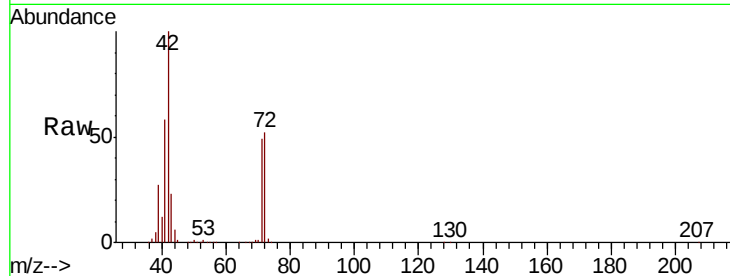




#29
Tetrahydrofuran
Concen: 284.669 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

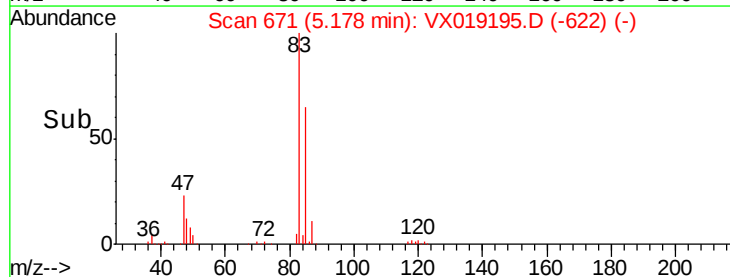
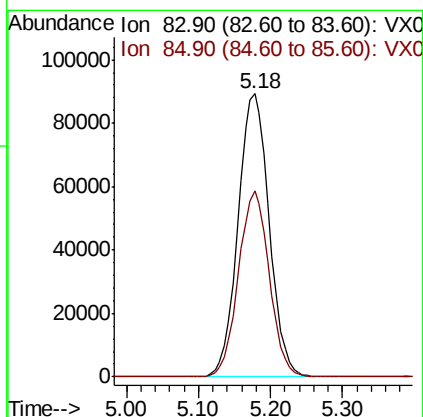
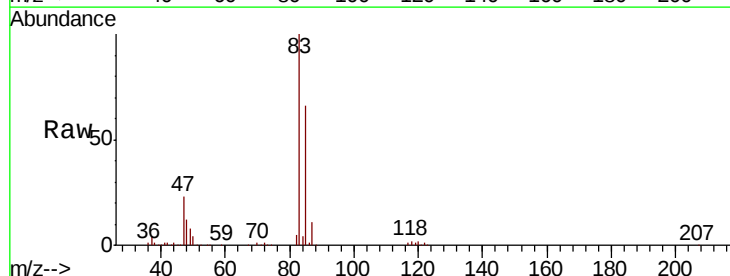
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

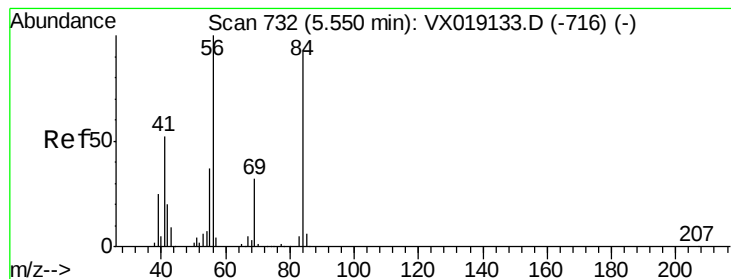
Tot Ion: 42 Resp: 328934
Ion Ratio Lower Upper
42 100
72 51.7 42.6 63.8
71 47.5 39.7 59.5



#30
Chloroform
Concen: 52.645 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion: 83 Resp: 267766
Ion Ratio Lower Upper
83 100
85 65.9 51.9 77.9





#31

Cyclohexane

Concen: 51.741 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

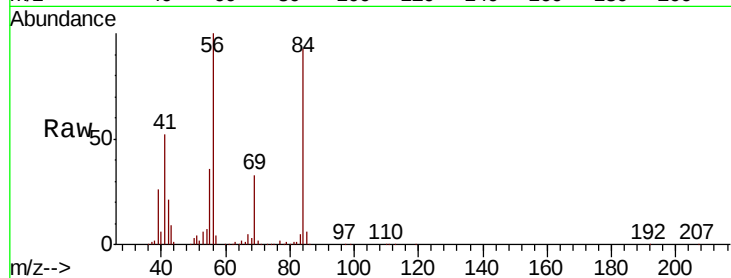
Tot Ion: 56 Resp: 220571

Ion Ratio Lower Upper

56 100

69 32.9 25.9 38.9

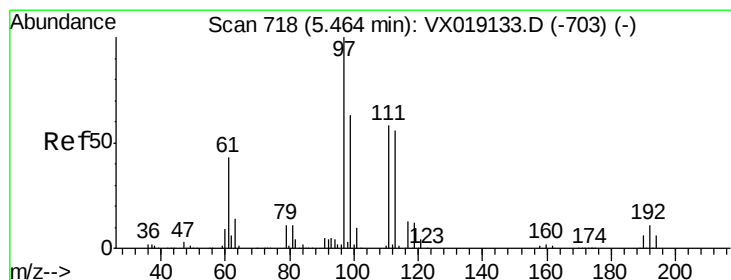
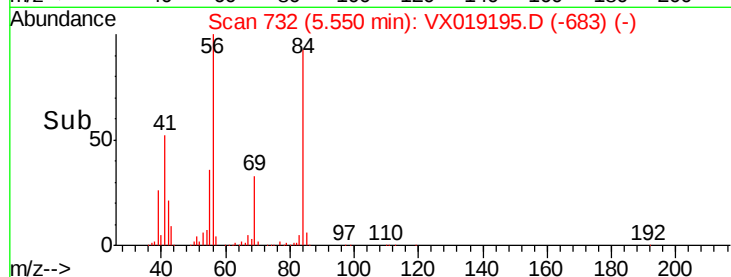
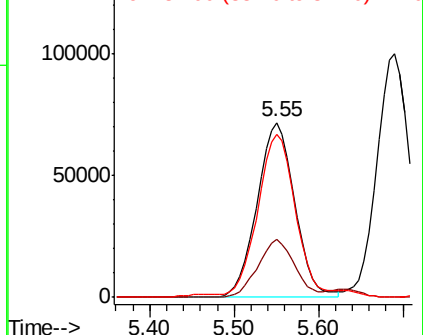
84 92.0 73.4 110.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.673 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

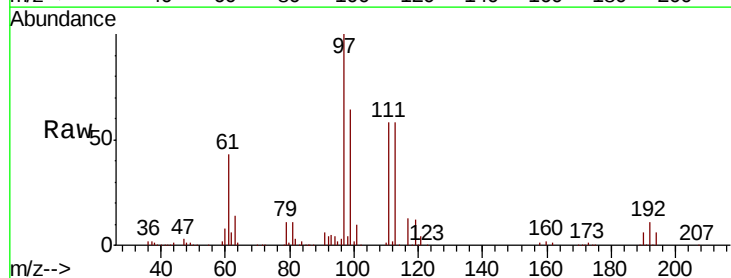
Tgt Ion: 97 Resp: 242894

Ion Ratio Lower Upper

97 100

99 64.1 51.7 77.5

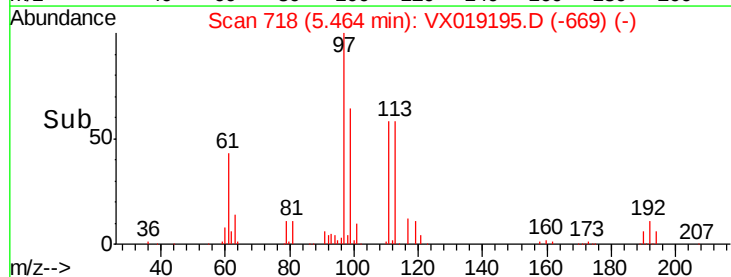
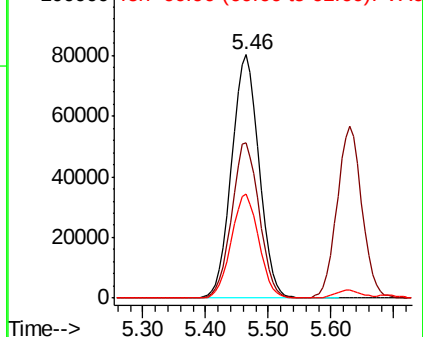
61 43.2 34.2 51.2

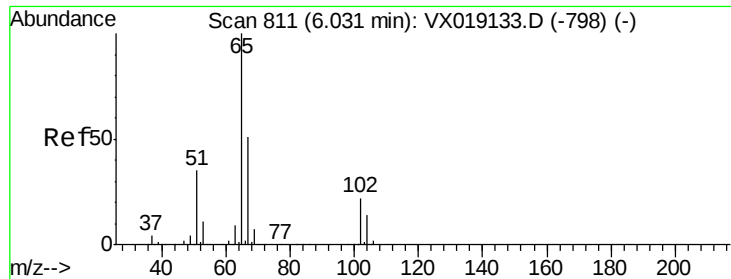


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.256 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

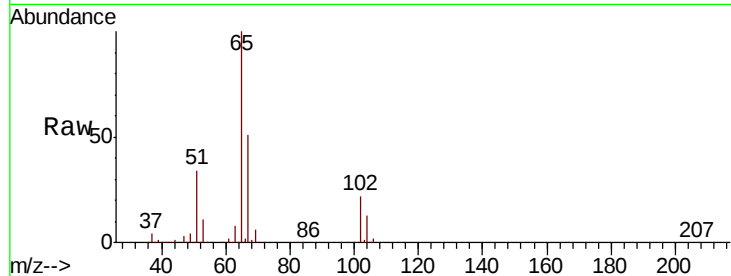
VSTDCCC050EC

Tot Ion: 65 Resp: 166110

Ion Ratio Lower Upper

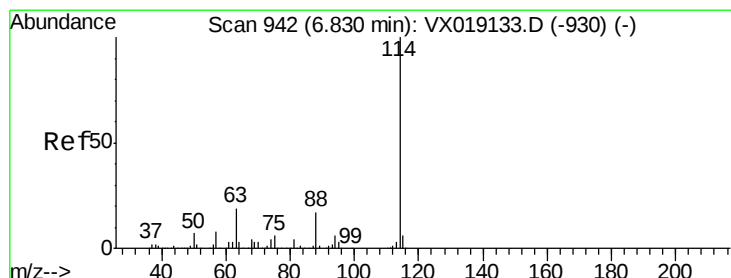
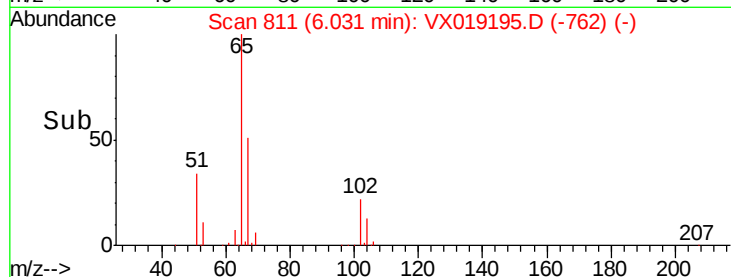
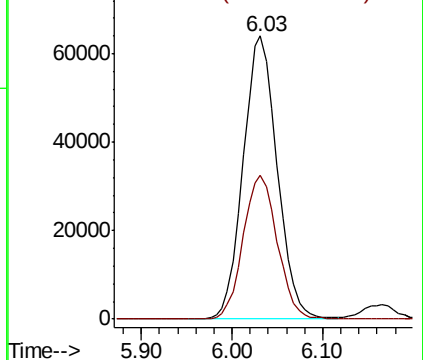
65 100

67 51.2 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

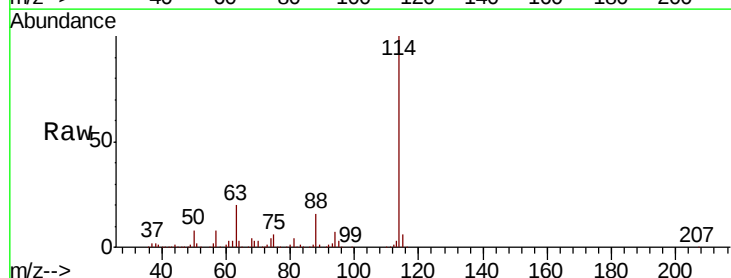
Tgt Ion: 114 Resp: 431881

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.8

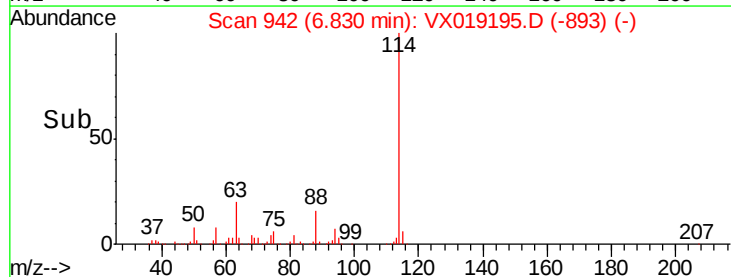
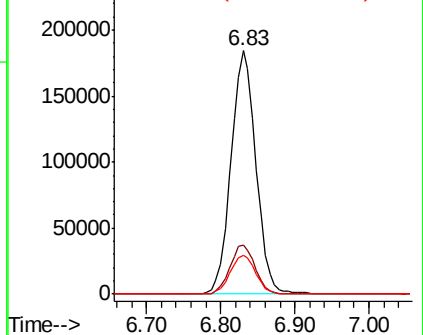
88 16.0 0.0 34.2

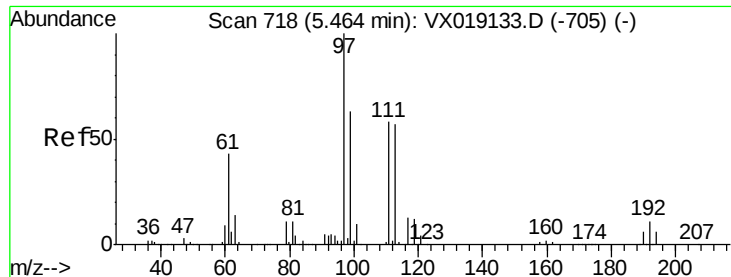


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

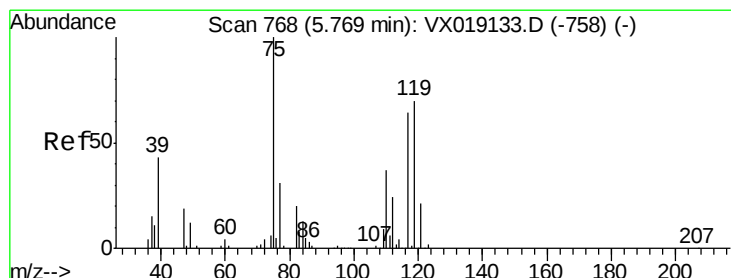
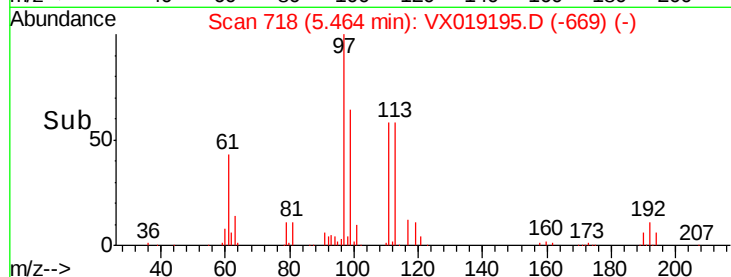
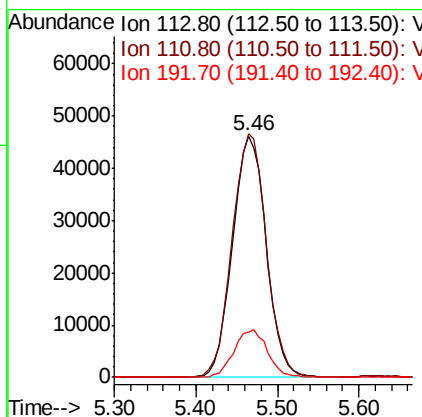
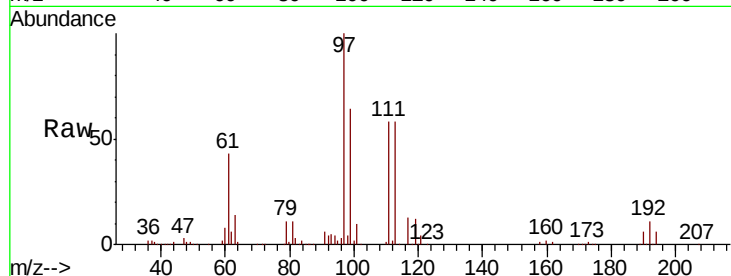




#35
 Dibromofluoromethane
 Concen: 48.686 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

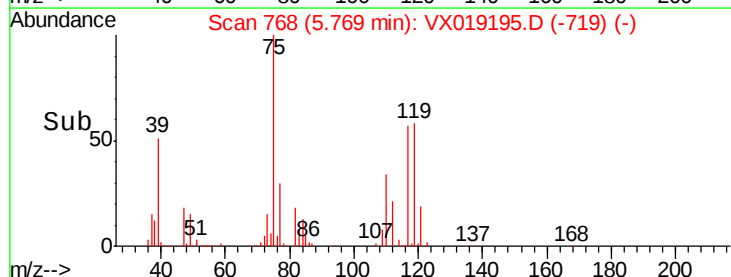
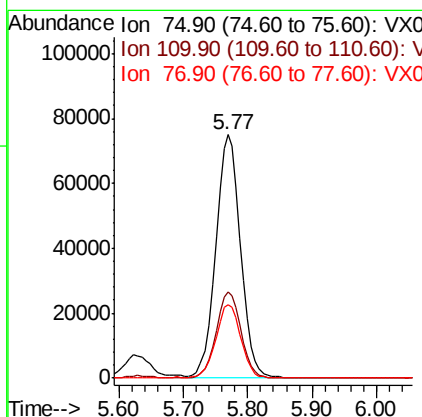
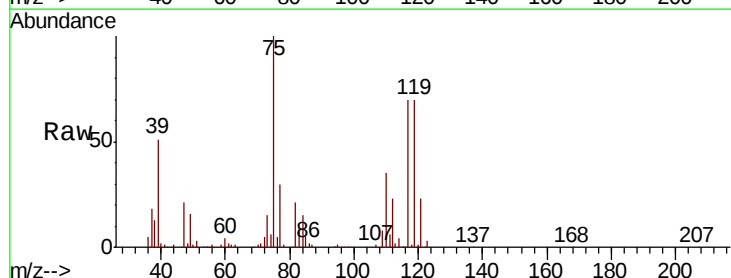
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

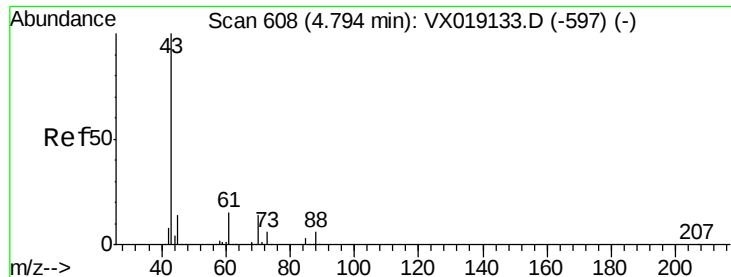
Tot Ion:113 Resp: 132074
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.3 123.5
 192 19.6 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 50.796 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Tgt Ion: 75 Resp: 202578
 Ion Ratio Lower Upper
 75 100
 110 35.5 18.3 54.9
 77 30.7 24.9 37.3

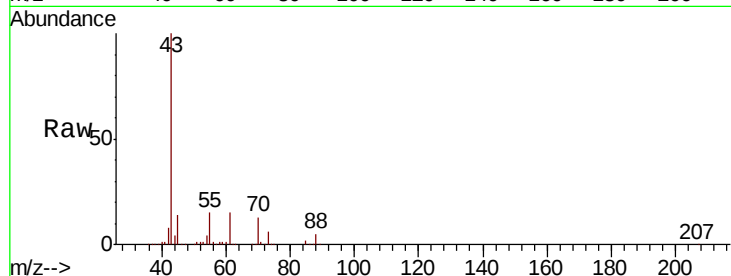




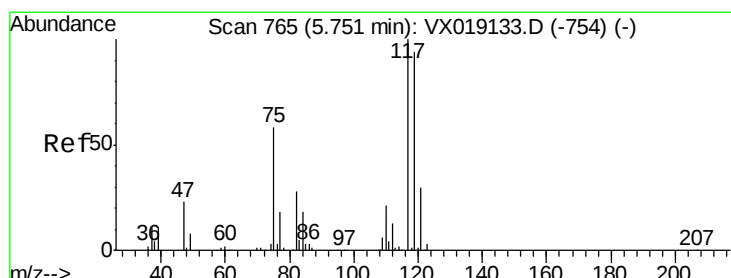
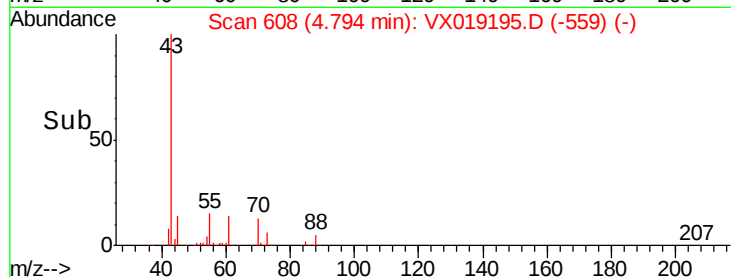
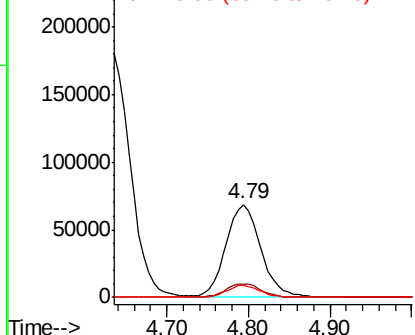
#37
Ethyl Acetate
Concen: 54.098 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 200316
Ion Ratio Lower Upper
43 100
61 14.9 12.5 18.7
70 12.5 10.5 15.7

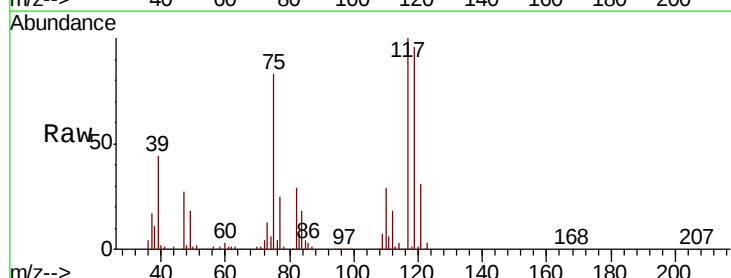


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

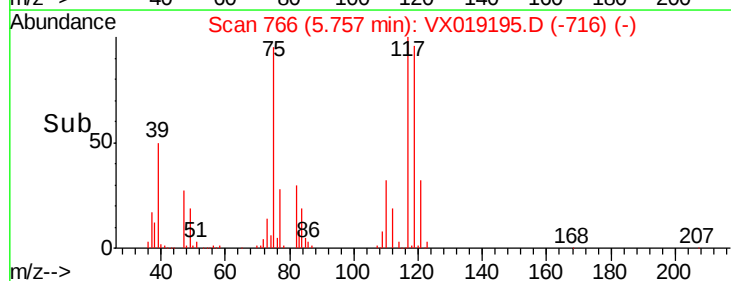
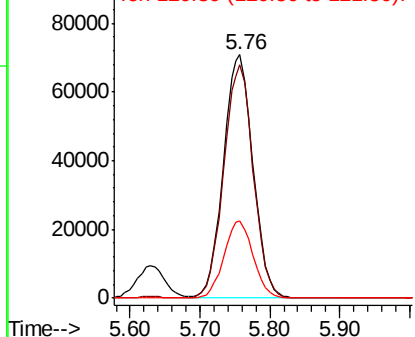


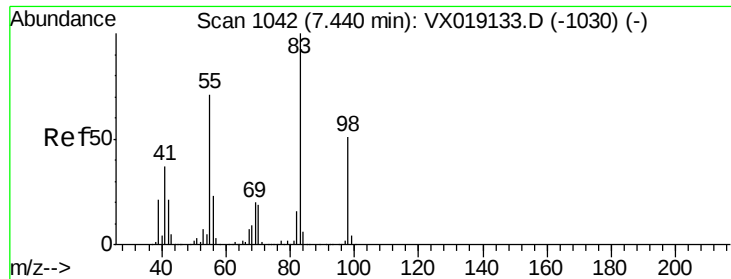
#38
Carbon Tetrachloride
Concen: 51.080 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion: 117 Resp: 207643
Ion Ratio Lower Upper
117 100
119 95.9 75.0 112.6
121 31.5 23.9 35.9



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

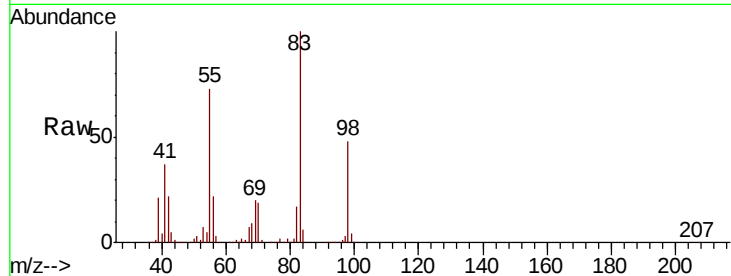




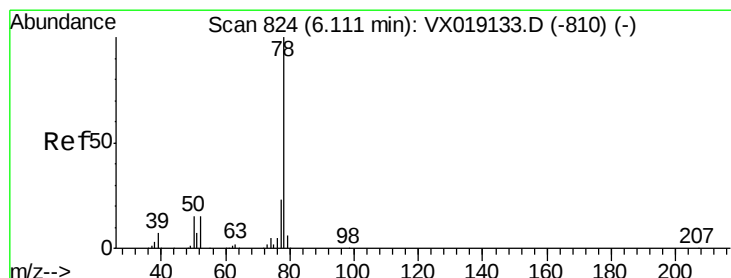
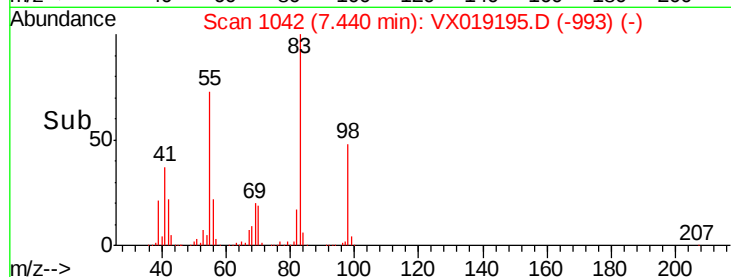
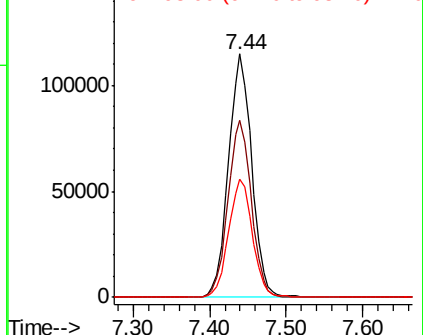
#39
Methvlcvclohexane
Concen: 50.748 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 241994
Ion Ratio Lower Upper
83 100
55 72.7 57.0 85.6
98 48.5 40.5 60.7

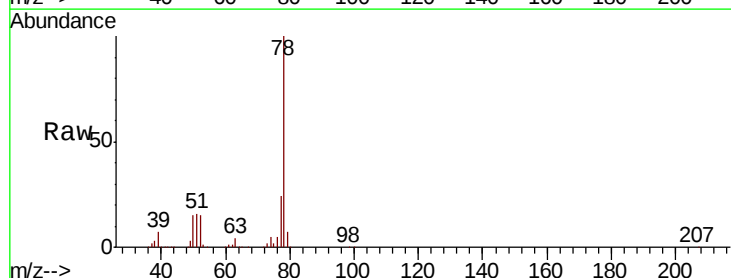


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

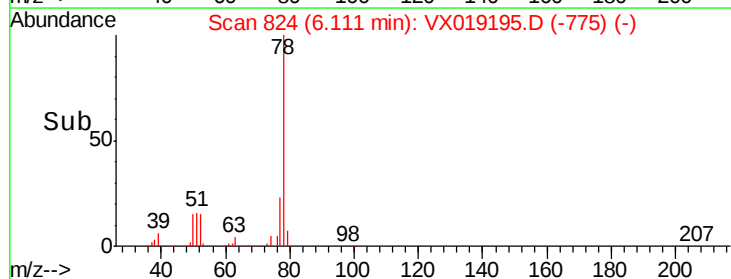
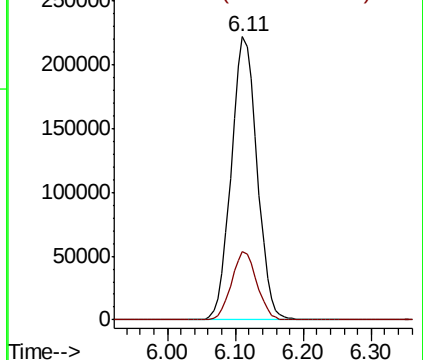


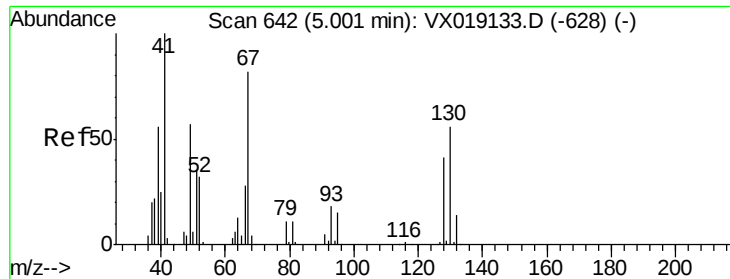
#40
Benzene
Concen: 51.741 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion: 78 Resp: 585062
Ion Ratio Lower Upper
78 100
77 24.0 18.7 28.1



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

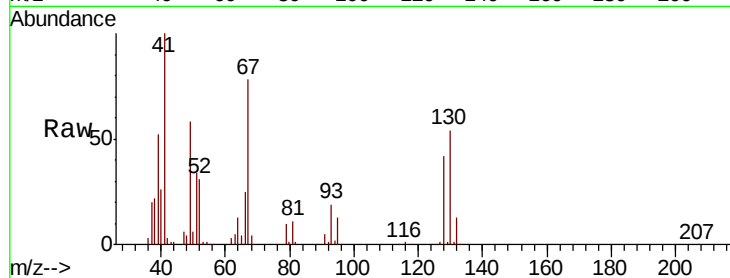




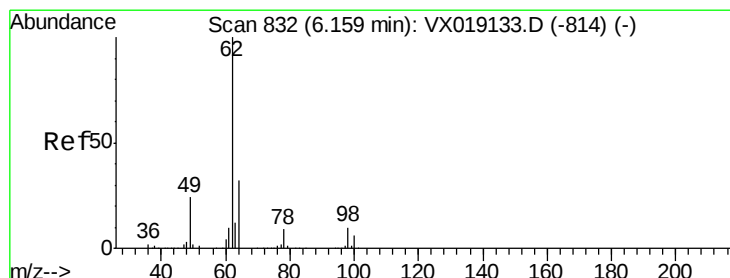
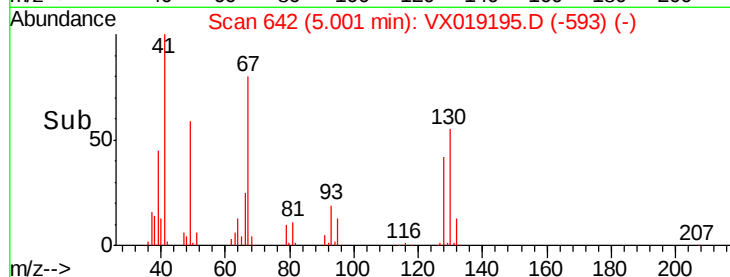
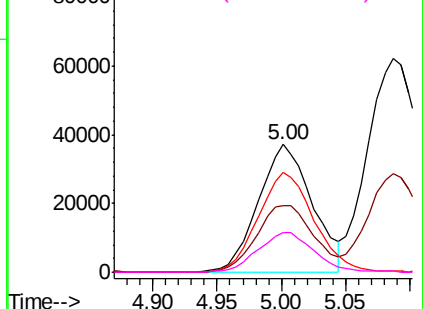
#41
Methacrylonitrile
Concen: 54.230 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	108141
Ion	Ratio	Lower	Upper
41	100		
39	55.0	44.4	66.6
67	80.4	66.4	99.6
52	32.2	26.2	39.4

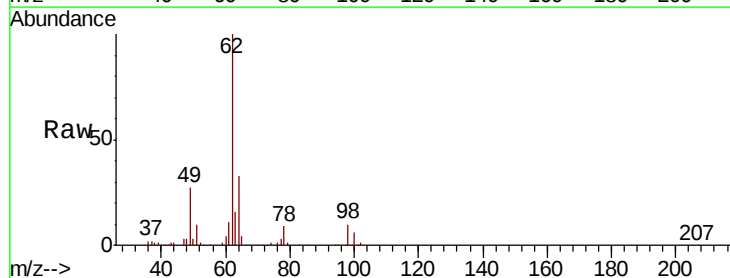


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

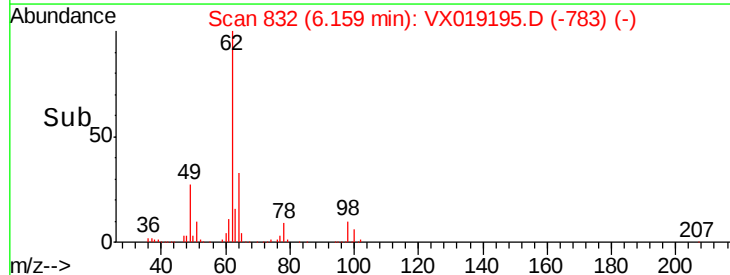
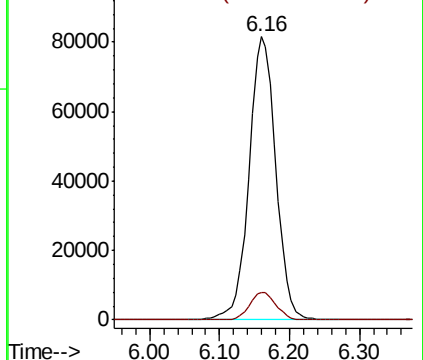


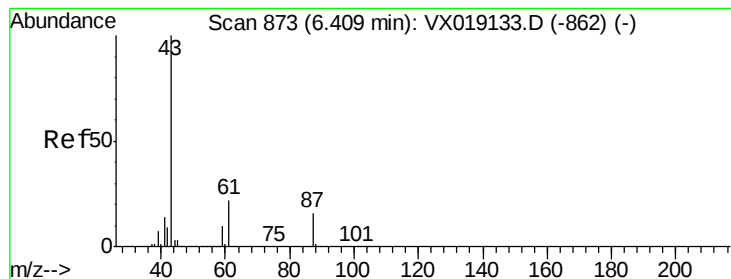
#42
1,2-Dichloroethane
Concen: 51.956 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion:	62	Resp:	216517
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 52.783 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

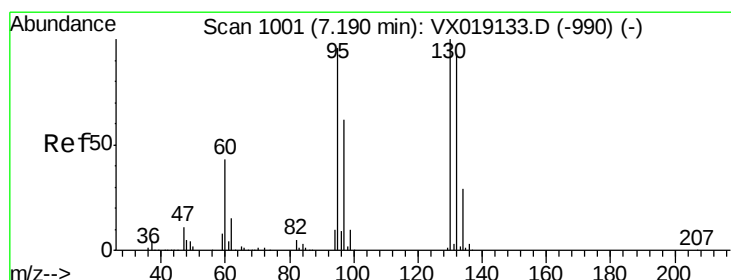
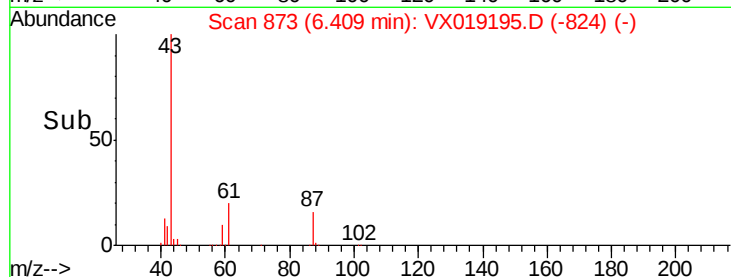
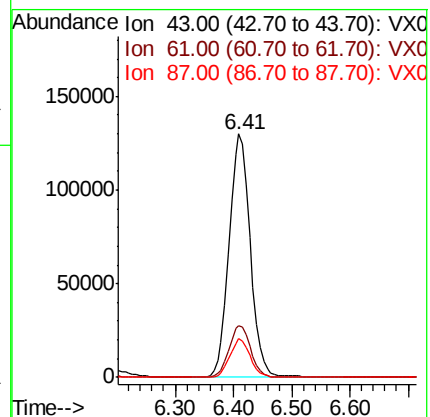
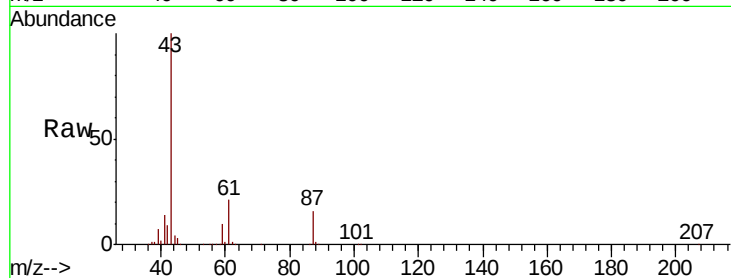
Tot Ion: 43 Resp: 327261

Ion Ratio Lower Upper

43 100

61 21.9 17.8 26.6

87 15.4 12.6 19.0



#44

Trichloroethene

Concen: 49.412 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX019195.D

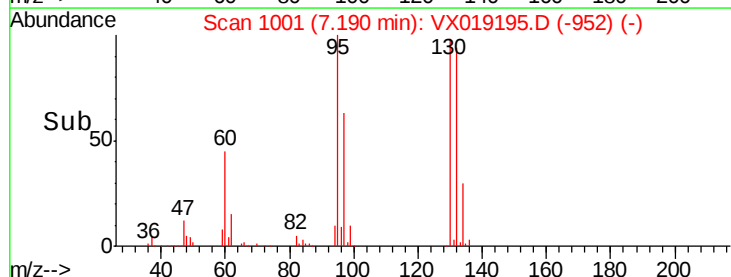
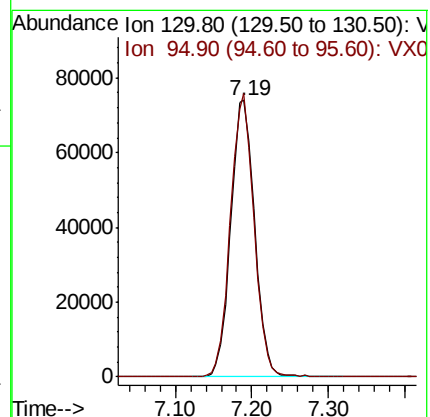
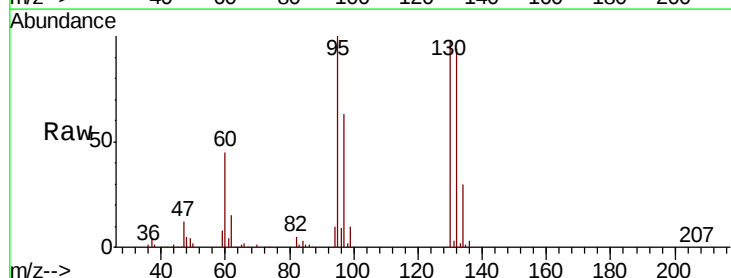
Acq: 29 Oct 2020 18:03

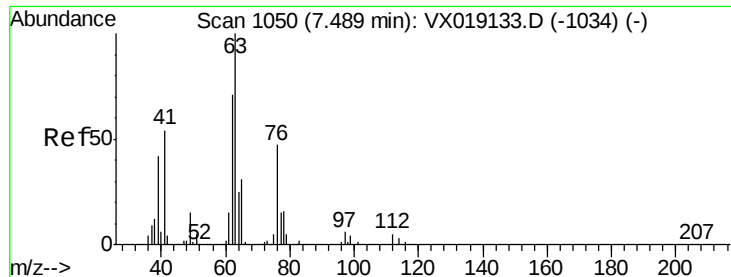
Tgt Ion: 130 Resp: 160014

Ion Ratio Lower Upper

130 100

95 102.3 0.0 192.0





#45

1,2-Dichloropropane

Concen: 53.135 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

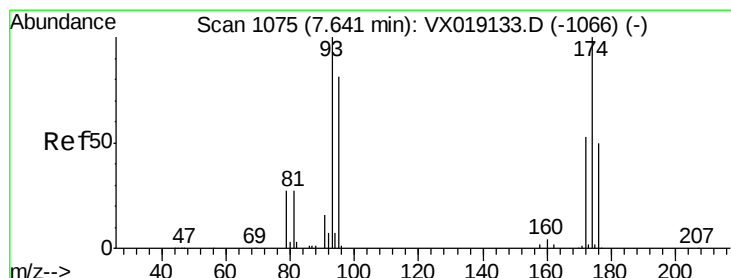
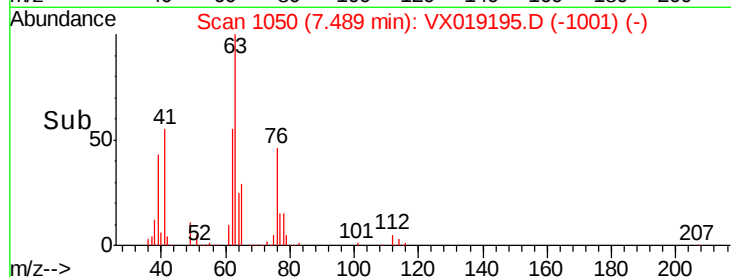
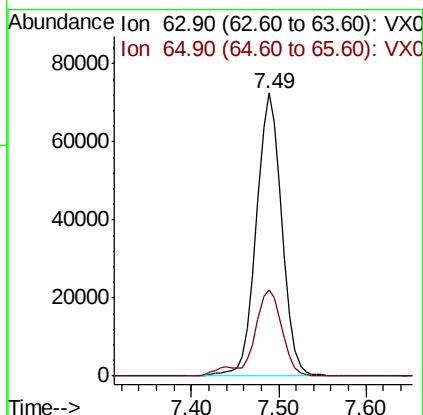
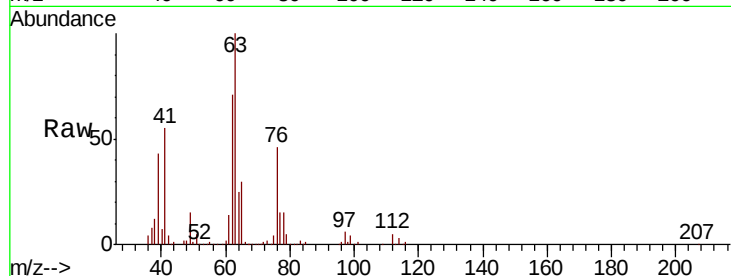
VSTDCCC050EC

Tot Ion: 63 Resp: 147163

Ion Ratio Lower Upper

63 100

65 30.3 25.2 37.8



#46

Dibromomethane

Concen: 51.105 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

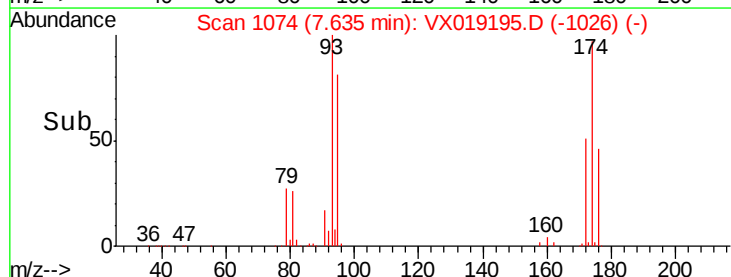
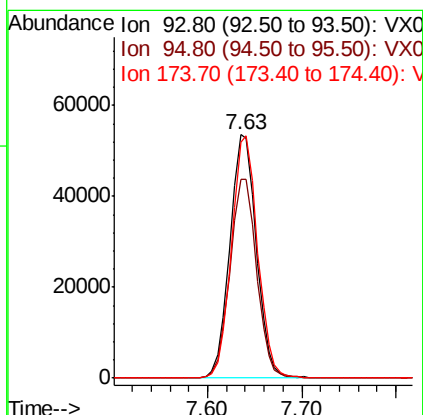
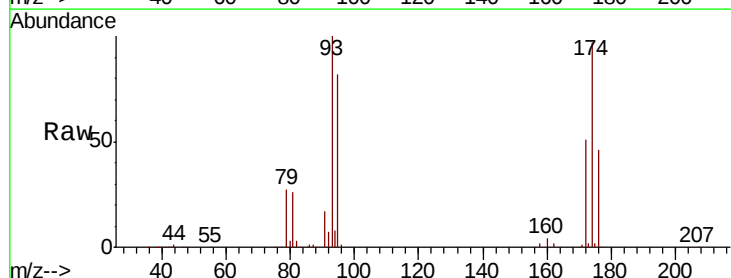
Tgt Ion: 93 Resp: 104665

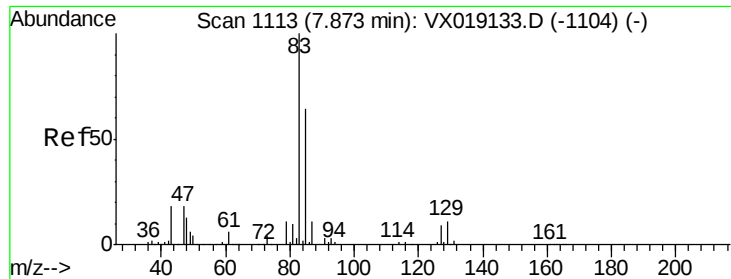
Ion Ratio Lower Upper

93 100

95 82.7 67.0 100.6

174 98.4 81.7 122.5

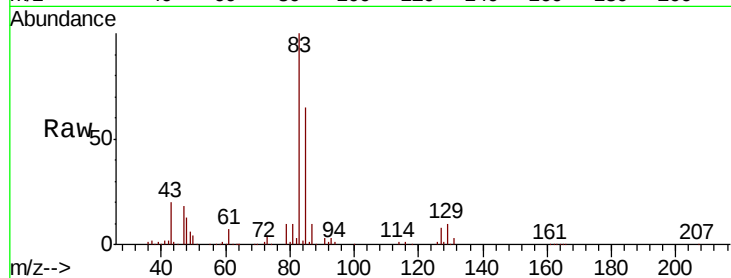




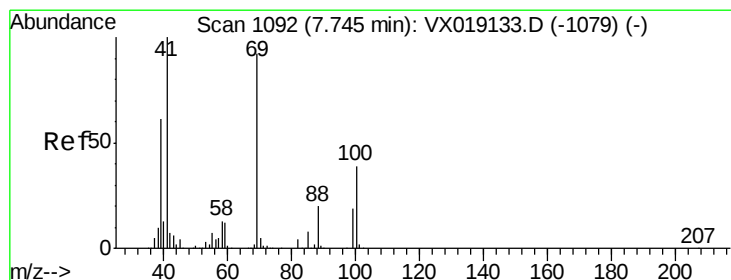
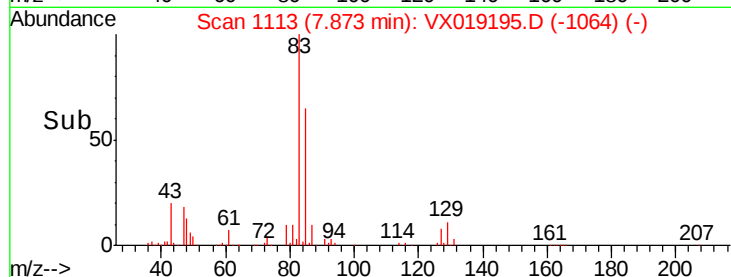
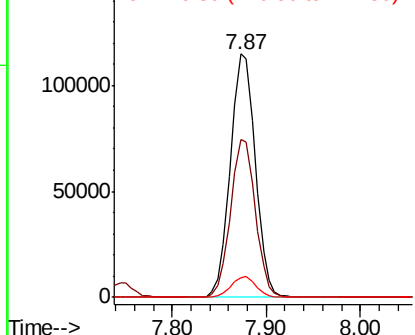
#47
Bromodichloromethane
Concen: 52.577 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 212241
Ion Ratio Lower Upper
83 100
85 65.0 51.2 76.8
127 8.2 7.1 10.7

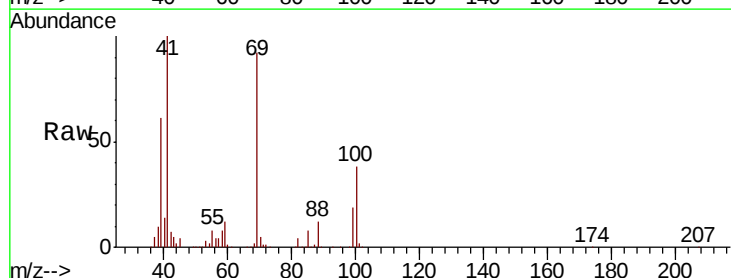


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

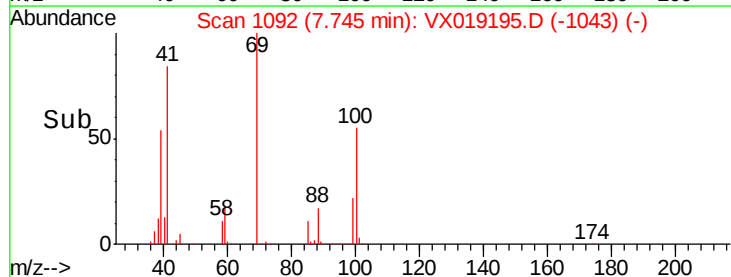
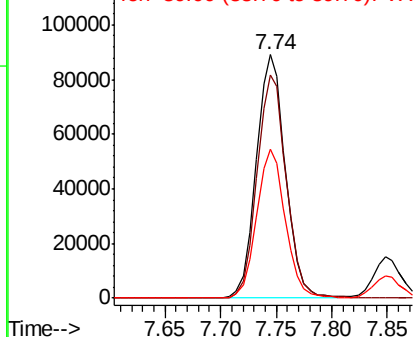


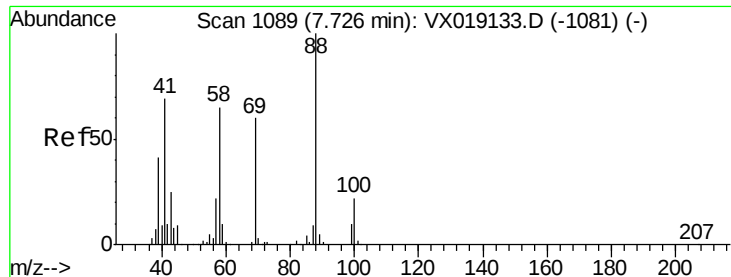
#48
Methyl methacrylate
Concen: 54.243 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion: 41 Resp: 161873
Ion Ratio Lower Upper
41 100
69 92.4 75.5 113.3
39 60.4 48.9 73.3



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: 1073.020 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

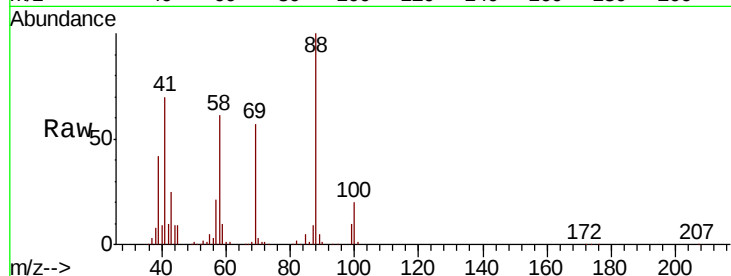
Tot Ion: 88 Resp: 71211

Ion Ratio Lower Upper

88 100

43 29.9 23.0 34.6

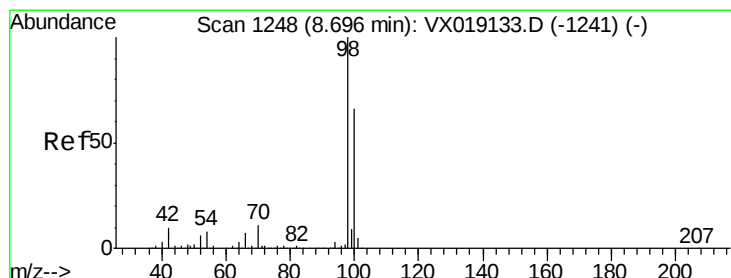
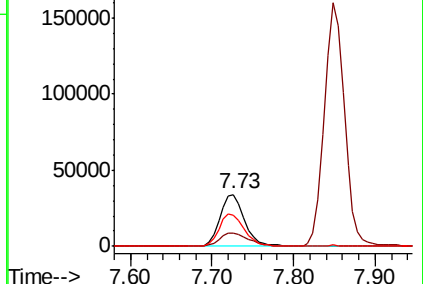
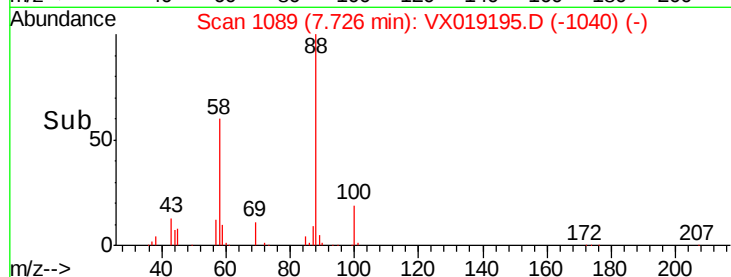
58 65.0 52.2 78.2



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: 49.380 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019195.D

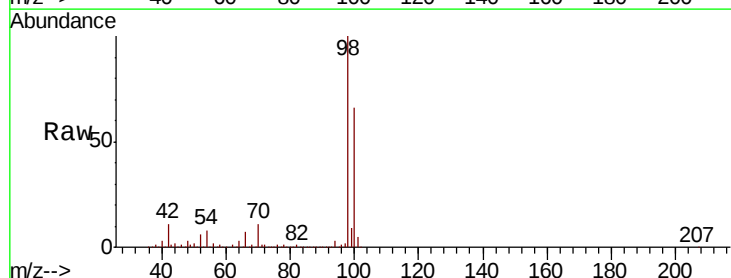
Acq: 29 Oct 2020 18:03

Tgt Ion: 98 Resp: 504973

Ion Ratio Lower Upper

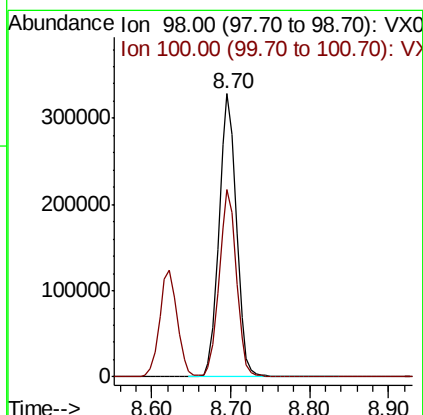
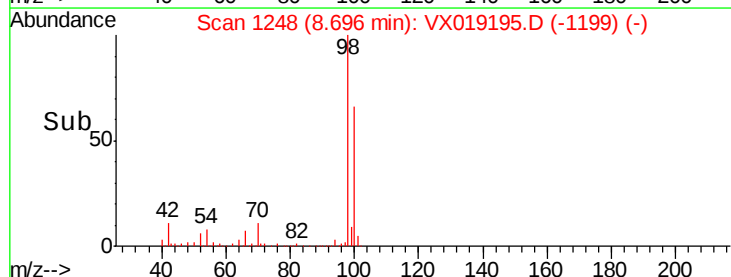
98 100

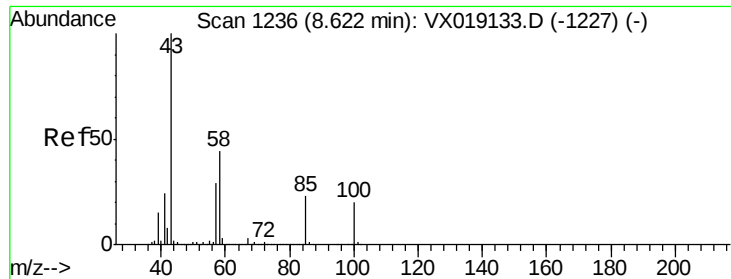
100 66.1 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 283.863 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

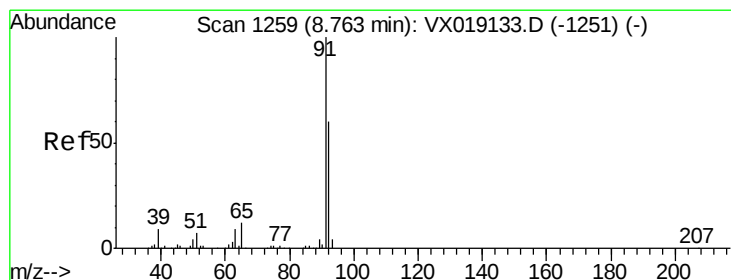
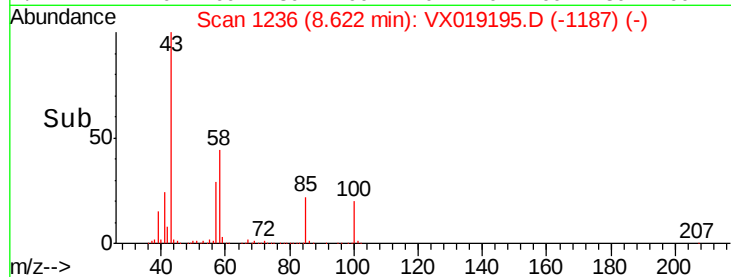
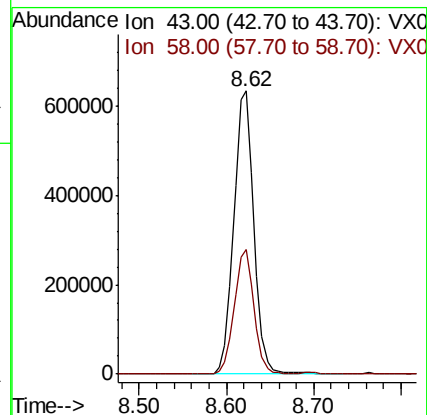
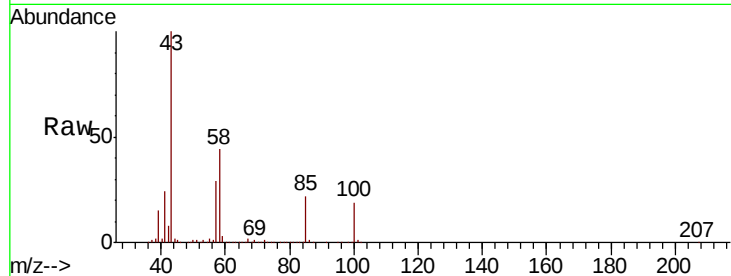
VSTDCCC050EC

Tot Ion: 43 Resp: 1011555

Ion Ratio Lower Upper

43 100

58 43.3 35.0 52.4



#52

Toluene

Concen: 52.501 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019195.D

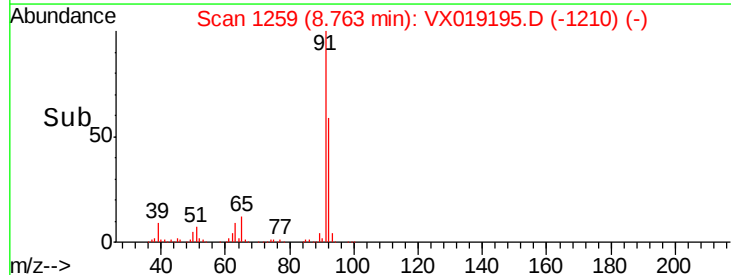
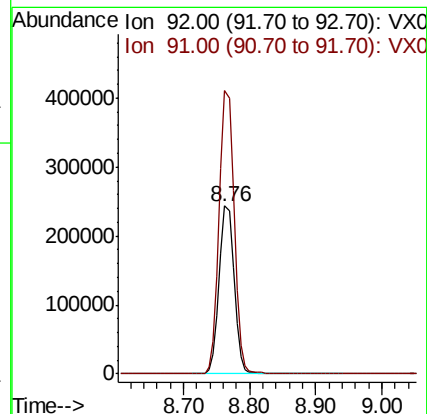
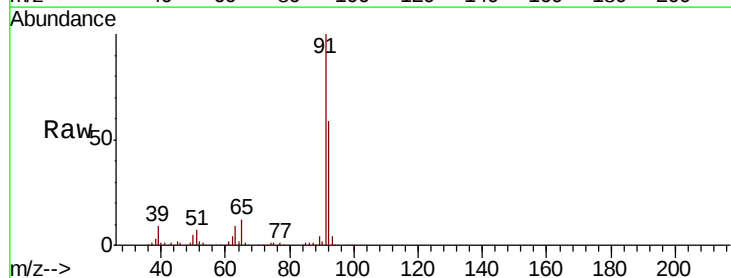
Acq: 29 Oct 2020 18:03

Tgt Ion: 92 Resp: 382354

Ion Ratio Lower Upper

92 100

91 169.3 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 51.697 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

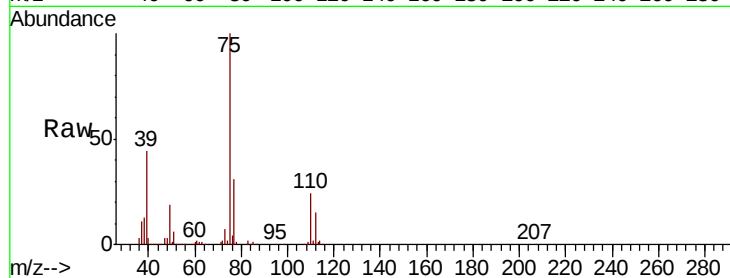
VSTDCCC050EC

Tot Ion: 75 Resp: 238361

Ion Ratio Lower Upper

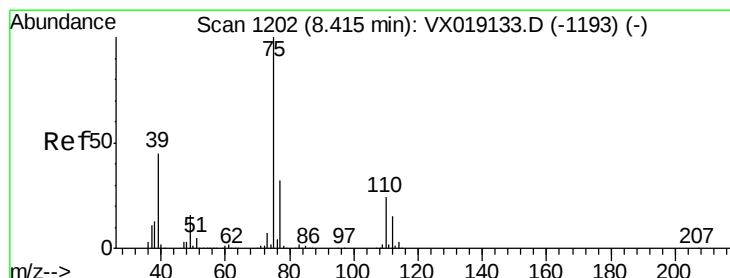
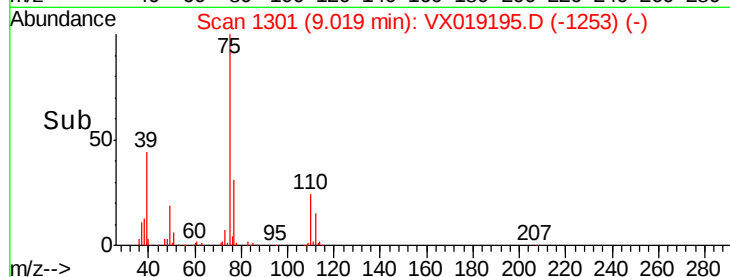
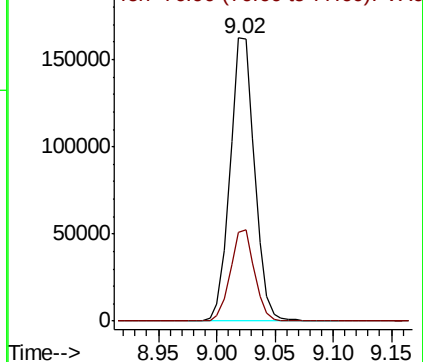
75 100

77 31.2 25.4 38.0



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: 52.002 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

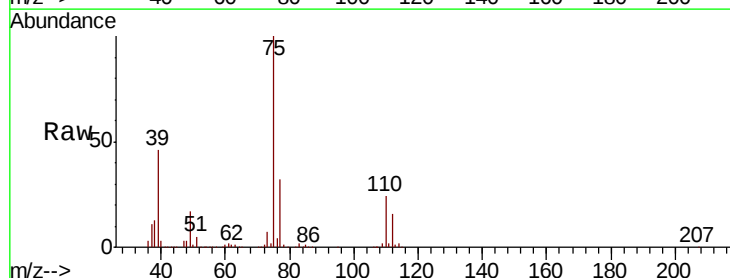
Tgt Ion: 75 Resp: 252131

Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3

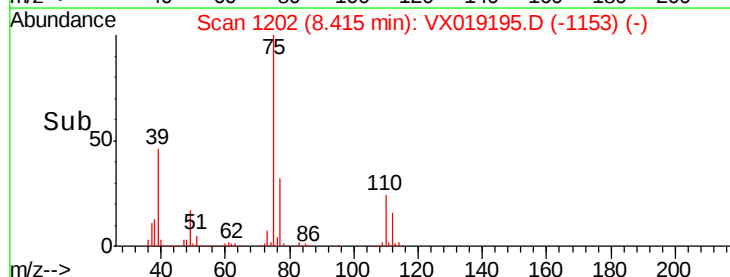
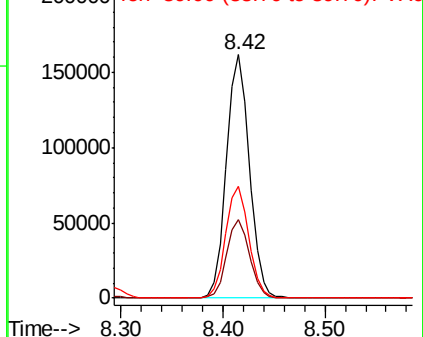
39 46.1 36.2 54.2

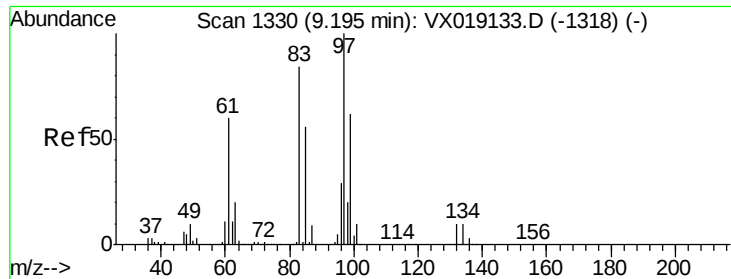


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

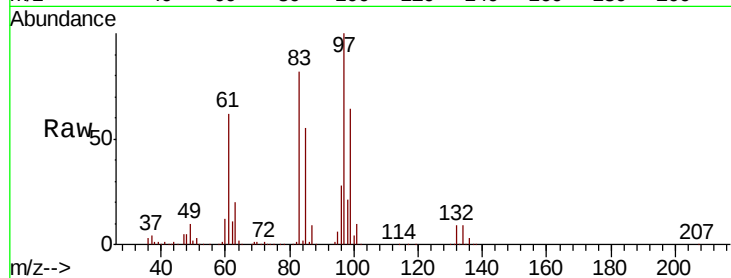




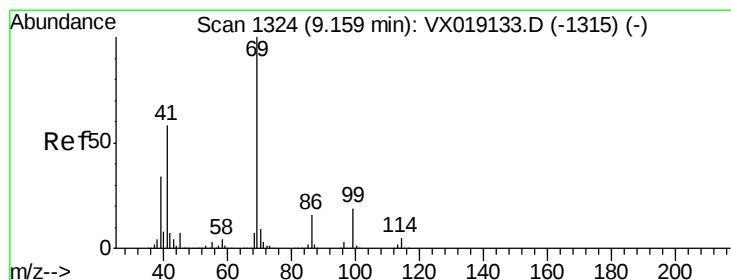
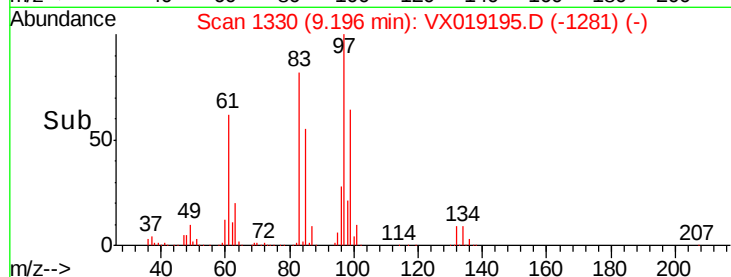
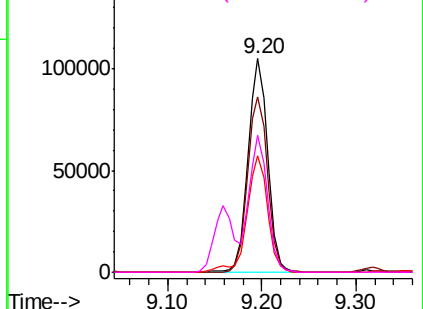
#55
 1,1,2-Trichloroethane
 Concen: 53.281 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	153317
Ion	Ratio	Lower	Upper
97	100		
83	82.4	67.2	100.8
85	54.7	44.6	67.0
99	63.9	49.4	74.0

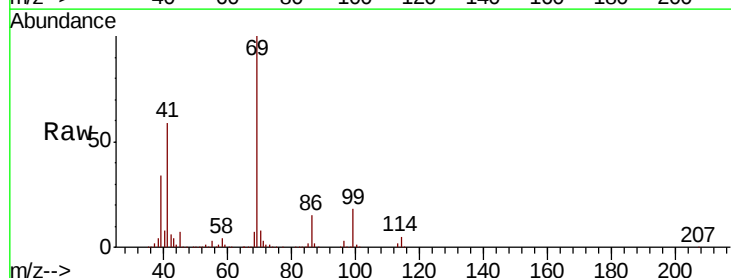


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

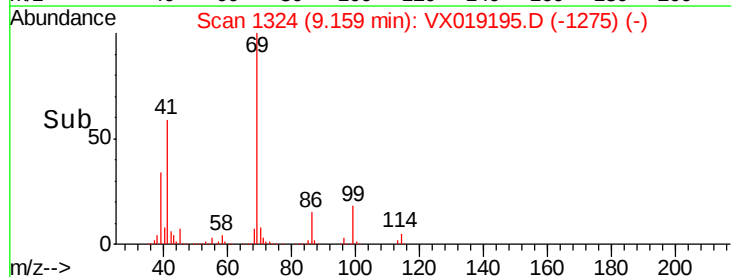
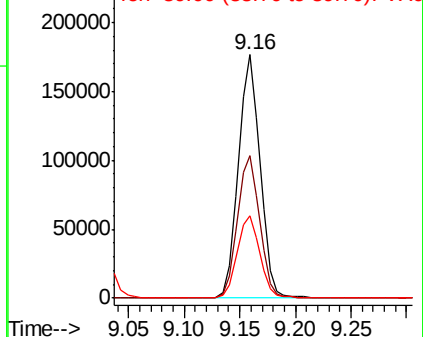


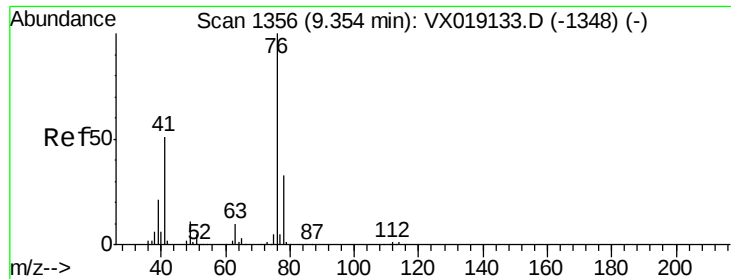
#56
 Ethyl methacrylate
 Concen: 55.049 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Tgt Ion:	69	Resp:	239261
Ion	Ratio	Lower	Upper
69	100		
41	59.6	46.5	69.7
39	34.9	27.6	41.4



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

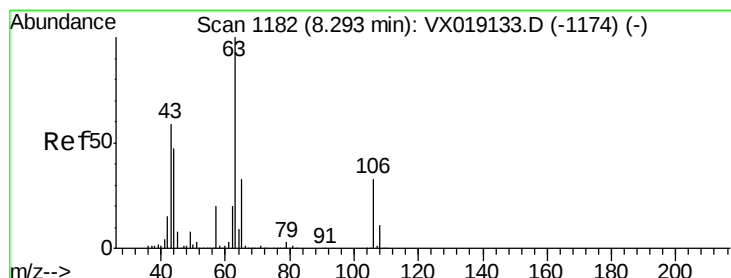
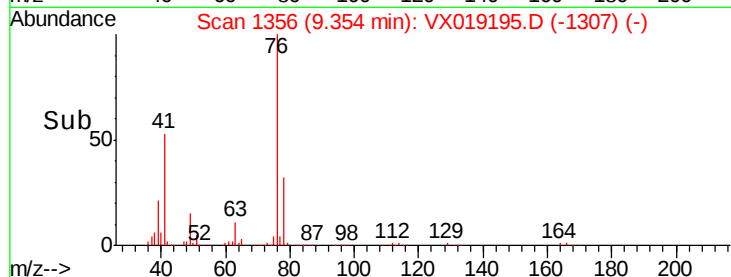
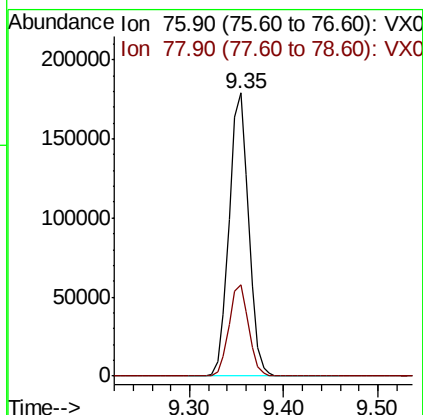
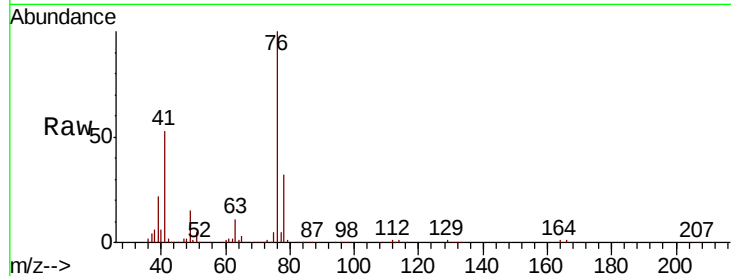




#57
 1,3-Dichloropropane
 Concen: 53.055 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

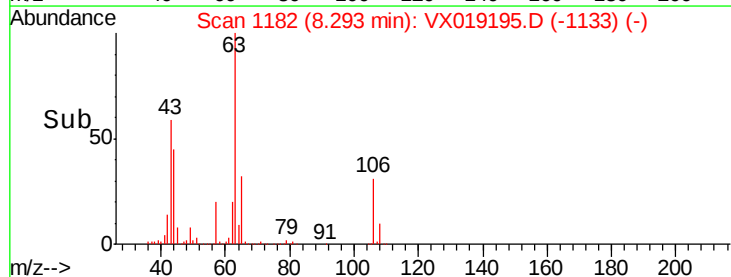
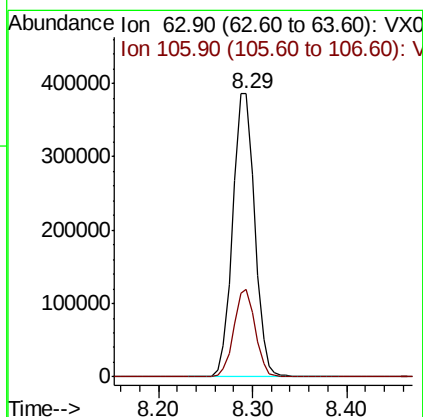
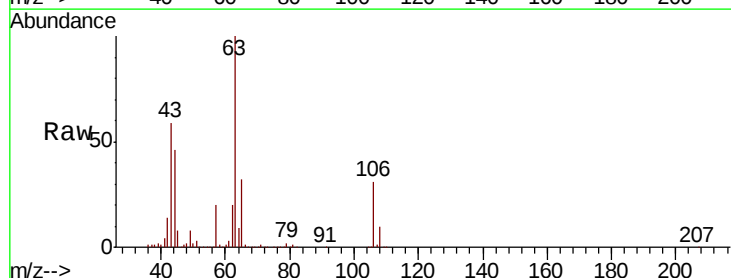
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

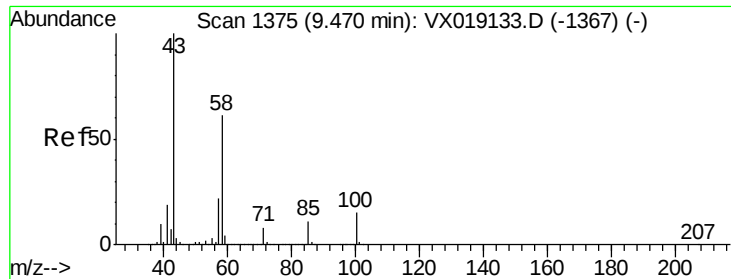
Tot Ion: 76 Resp: 257396
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.559 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Tgt Ion: 63 Resp: 626059
 Ion Ratio Lower Upper
 63 100
 106 30.1 25.1 37.7

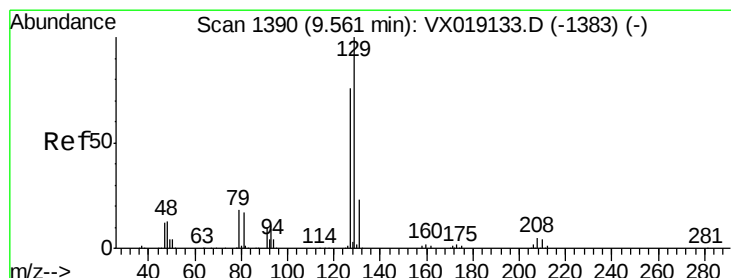
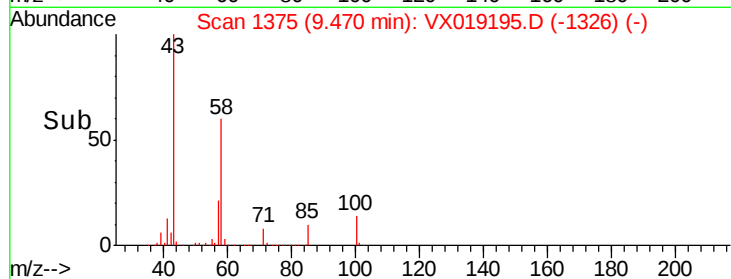
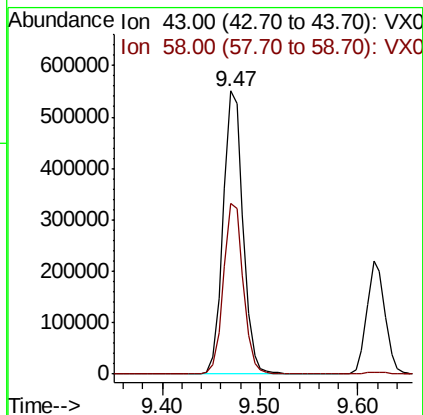
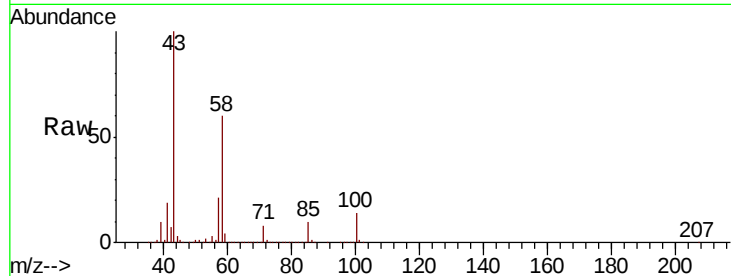




#59
2-Hexanone
Concen: 285.388 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

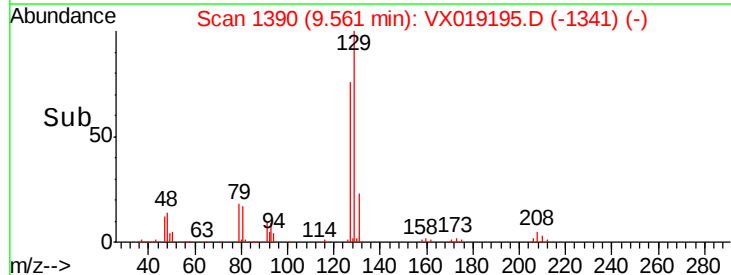
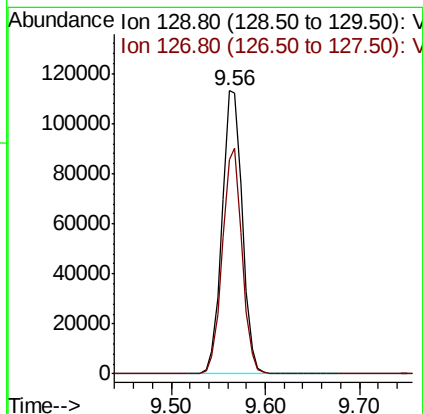
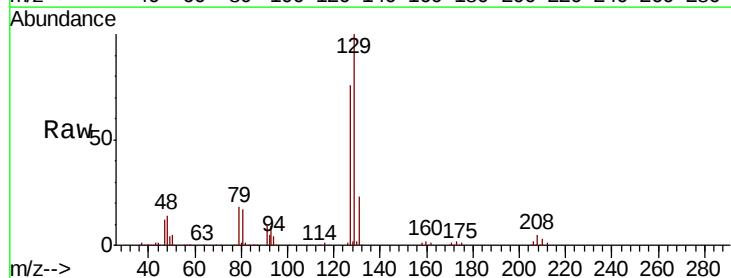
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 774140
Ion Ratio Lower Upper
43 100
58 60.3 30.5 91.5



#60
Dibromochloromethane
Concen: 53.964 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion: 129 Resp: 168520
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 53.195 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

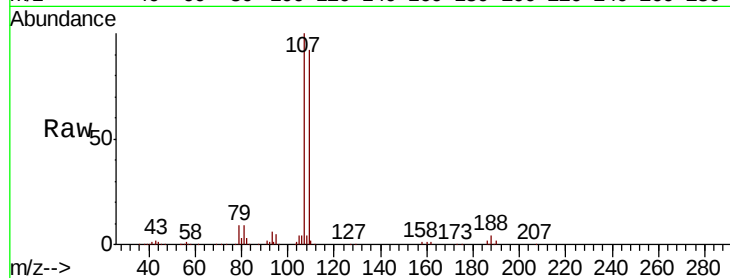
VSTDCCC050EC

Tot Ion:107 Resp: 163686

Ion Ratio Lower Upper

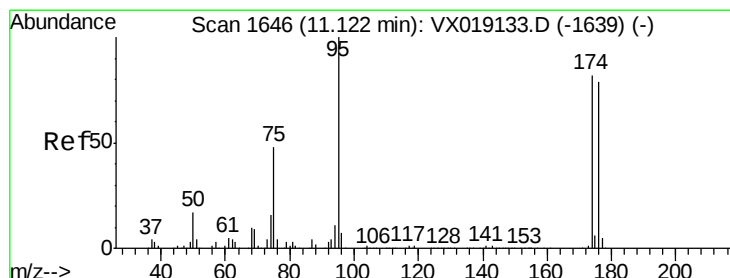
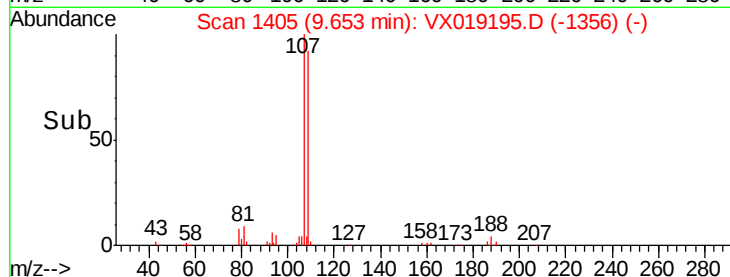
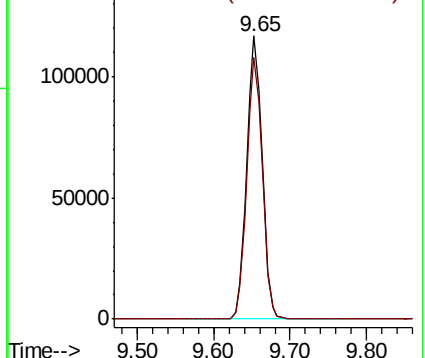
107 100

109 93.2 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.379 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

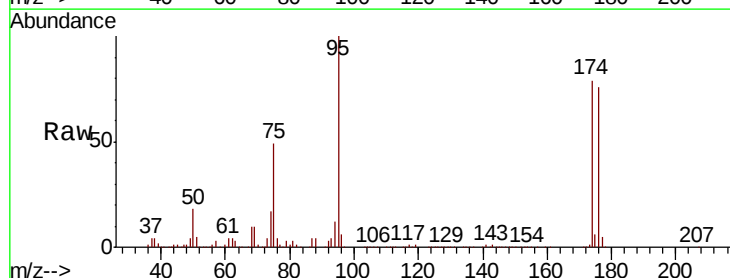
Tgt Ion: 95 Resp: 195108

Ion Ratio Lower Upper

95 100

174 78.4 0.0 156.0

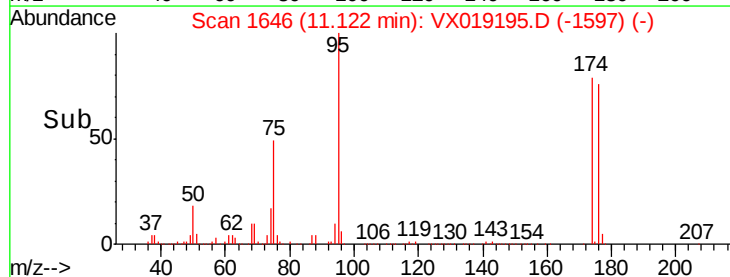
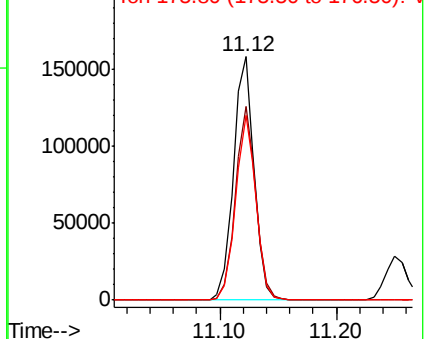
176 74.7 0.0 149.8

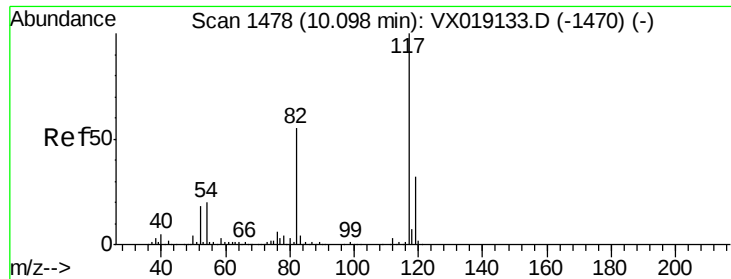


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

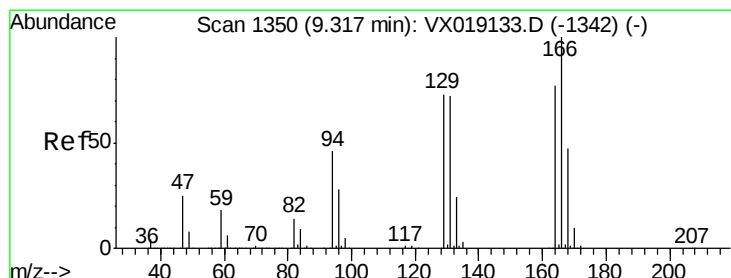
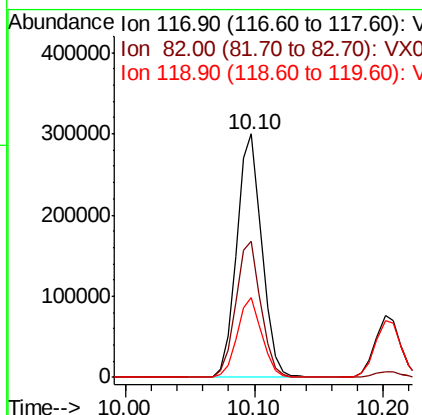
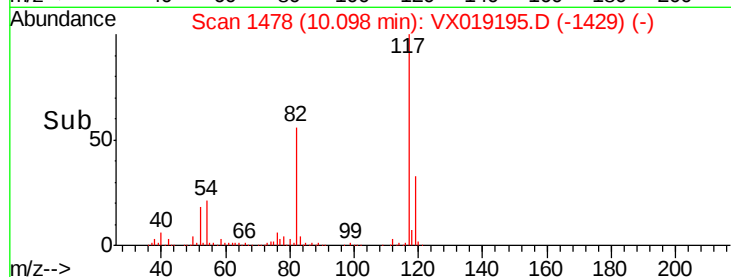
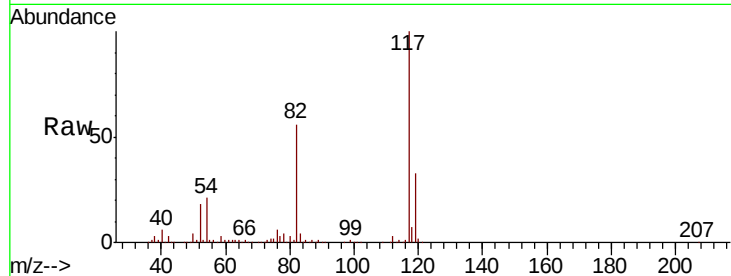




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

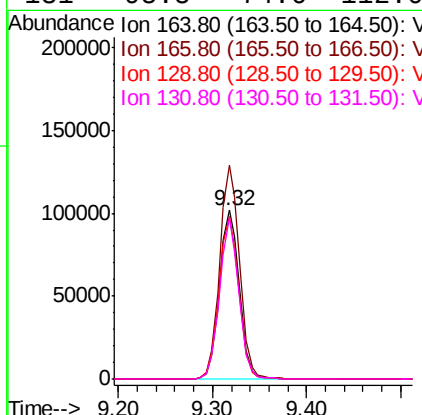
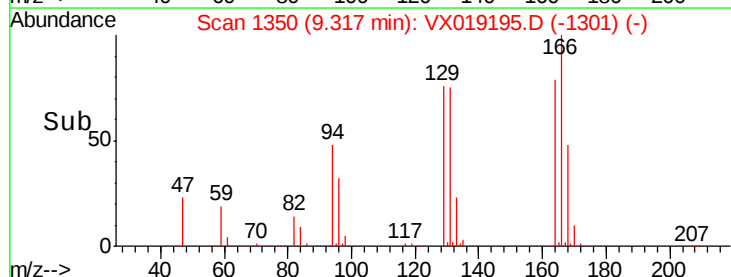
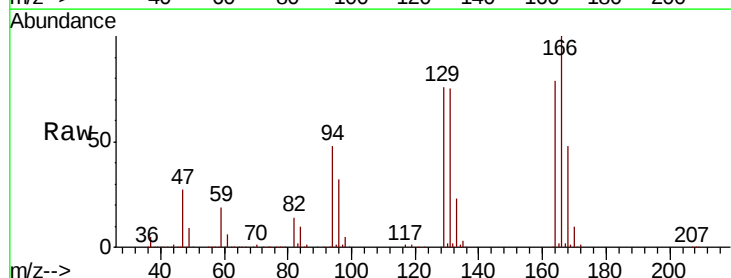
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

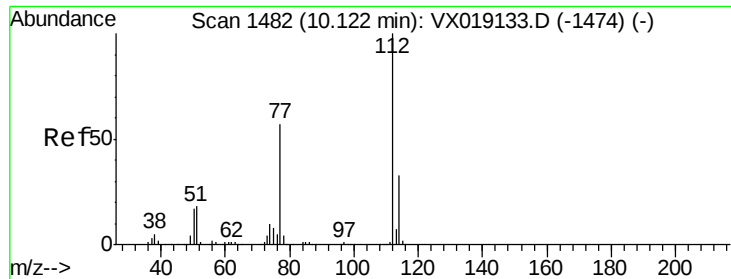
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.6	65.4
119	32.8	25.5	38.3



#64
Tetrachloroethene
Concen: 47.919 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	104.1	156.1
129	96.4	76.2	114.4
131	95.5	74.6	112.0

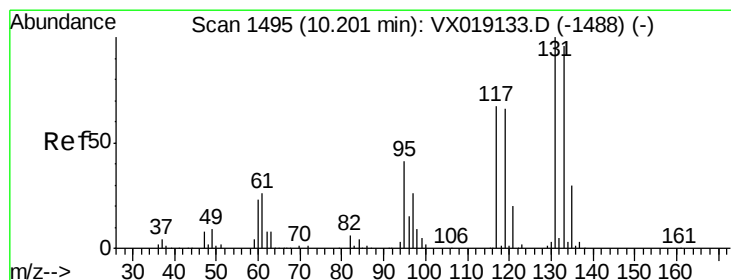
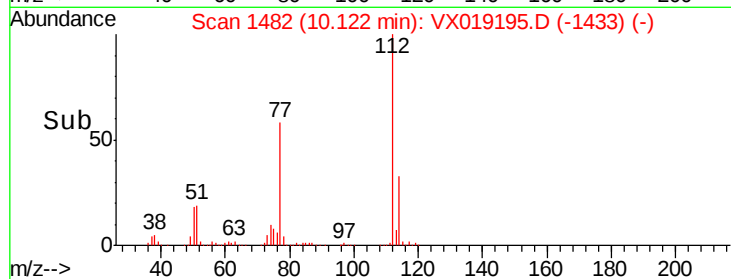
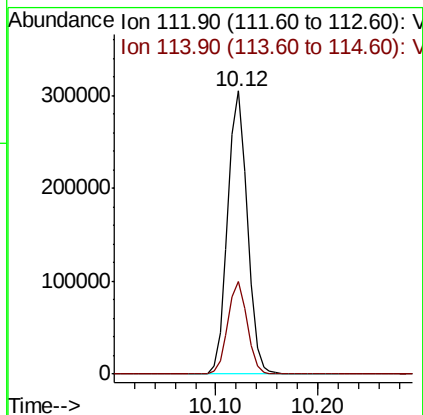
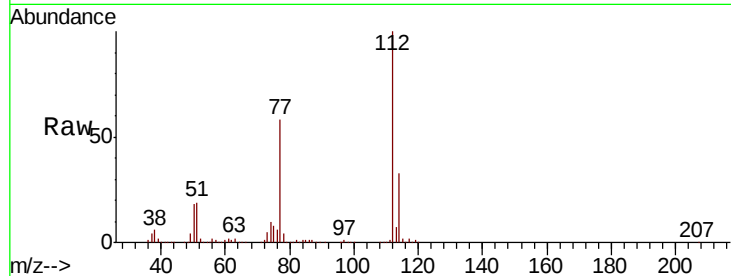




#65
Chlorobenzene
Concen: 48.980 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

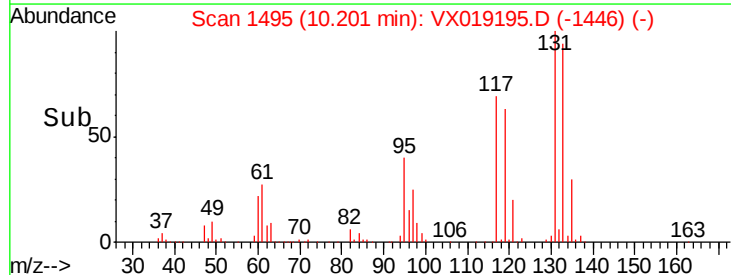
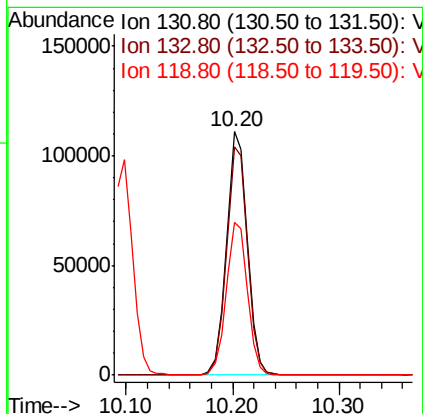
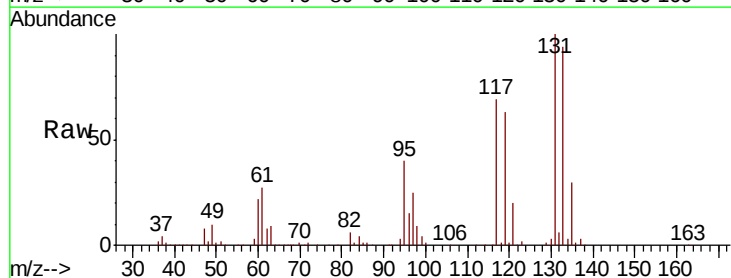
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

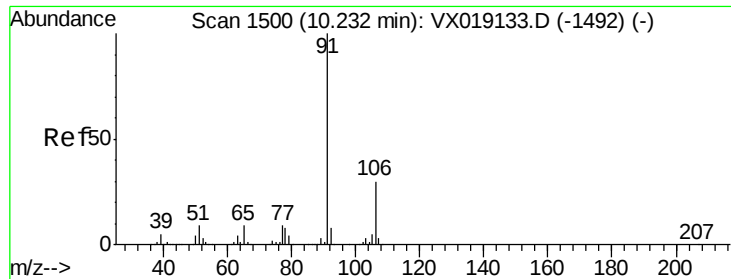
Tot Ion:112 Resp: 405987
Ion Ratio Lower Upper
112 100
114 32.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.031 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion:131 Resp: 152276
Ion Ratio Lower Upper
131 100
133 95.0 47.3 141.8
119 64.0 32.3 96.9

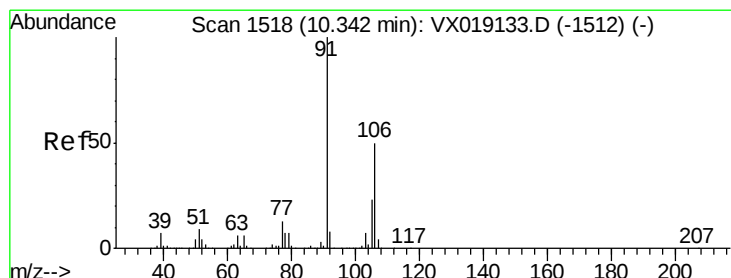
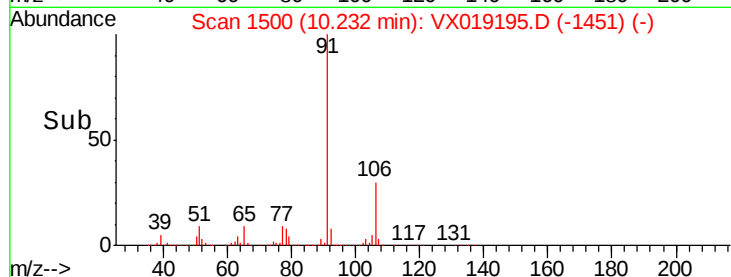
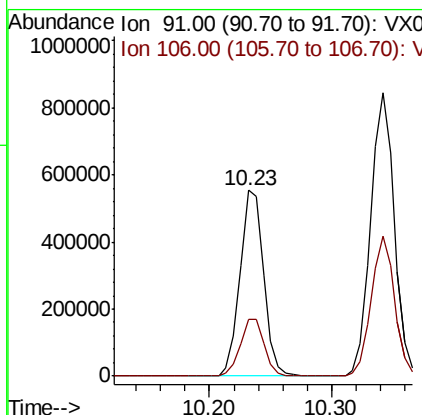
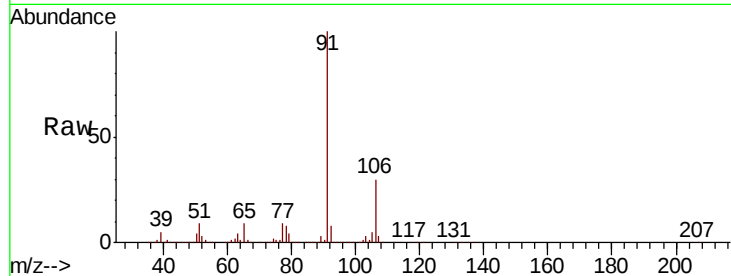




#67
Ethyl Benzene
Concen: 50.101 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

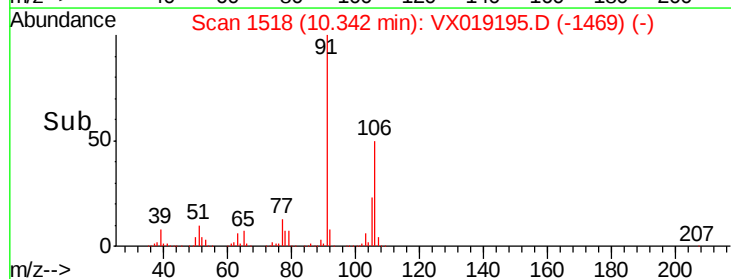
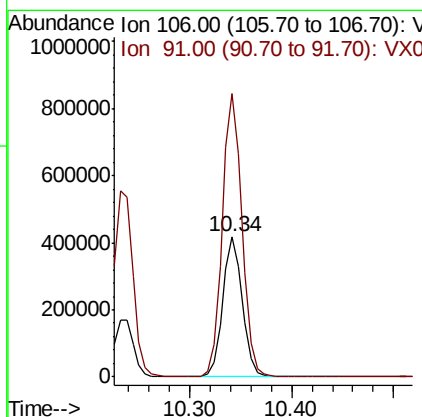
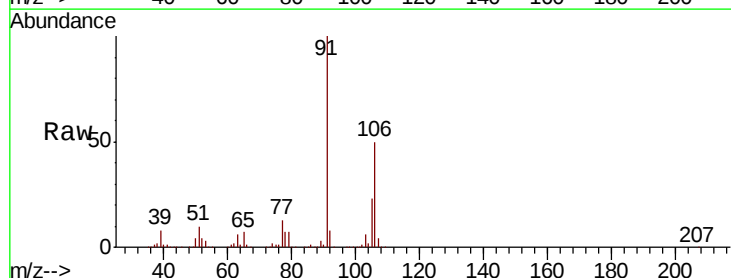
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

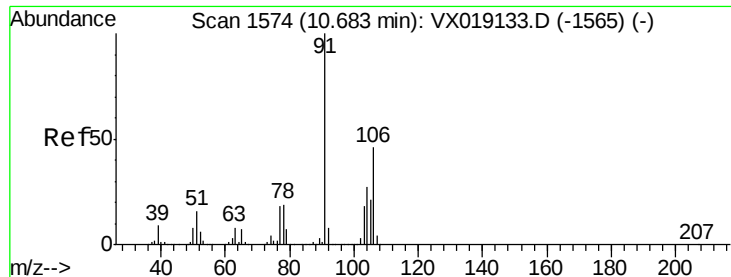
Tot Ion: 91 Resp: 739987
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5



#68
m/p-Xylenes
Concen: 100.041 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion: 106 Resp: 554569
Ion Ratio Lower Upper
106 100
91 204.1 161.0 241.4

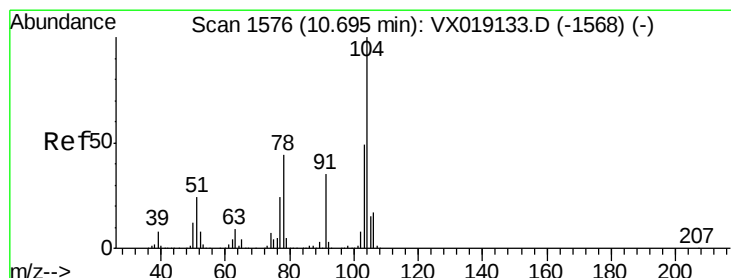
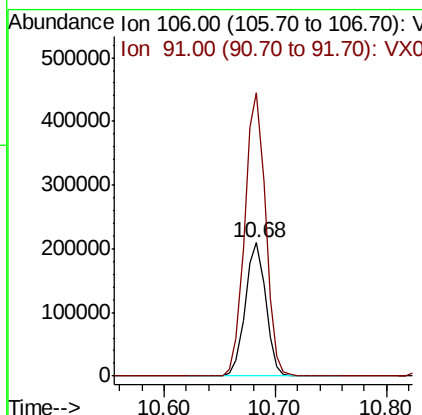
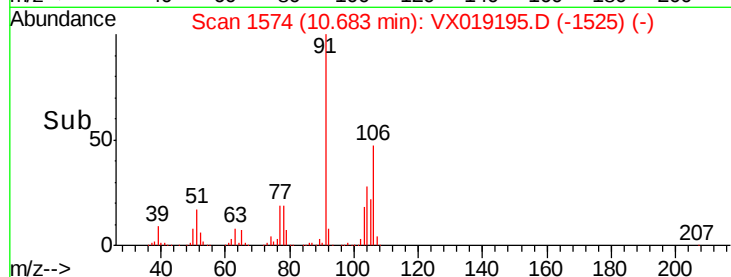
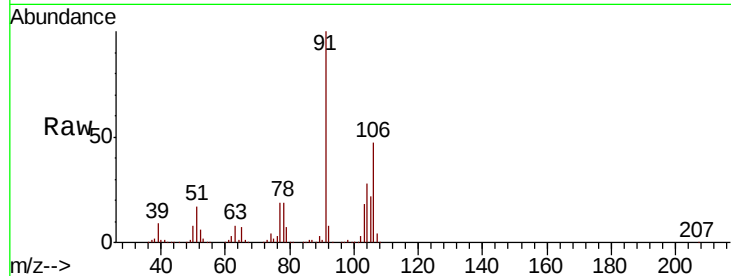




#69
o-Xylene
Concen: 51.074 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

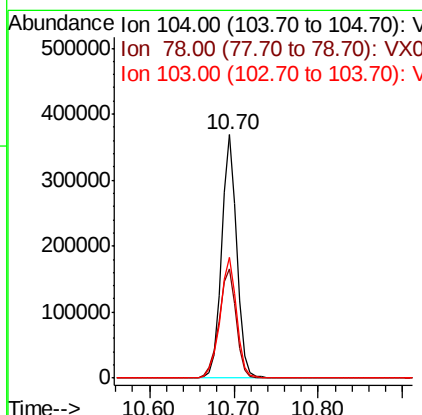
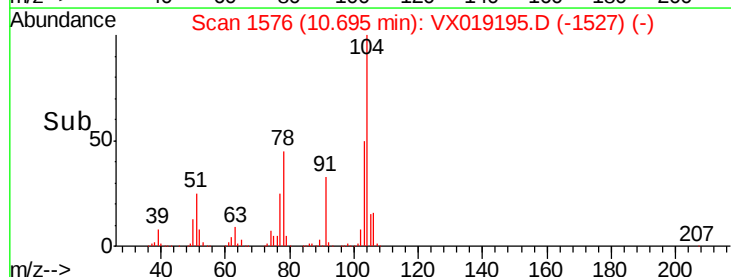
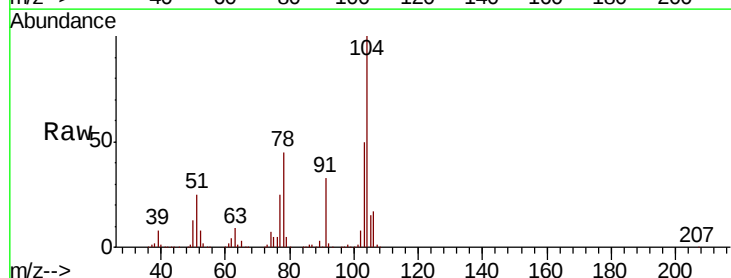
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

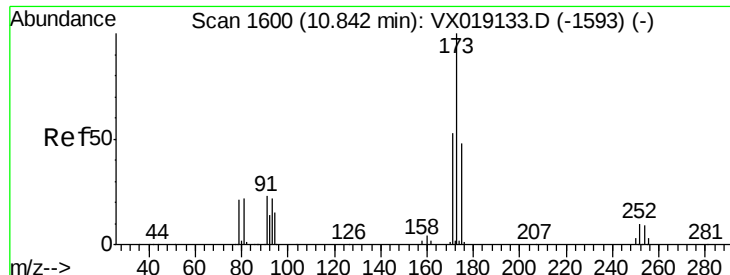
Tot Ion:106 Resp: 268541
Ion Ratio Lower Upper
106 100
91 214.9 108.3 324.8



#70
Styrene
Concen: 51.159 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion:104 Resp: 458962
Ion Ratio Lower Upper
104 100
78 51.0 40.0 60.0
103 54.2 43.5 65.3





#71

Bromoform

Concen: 50.464 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

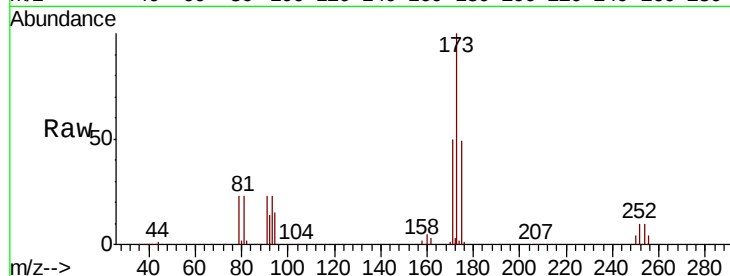
Tot Ion:173 Resp: 119393

Ion Ratio Lower Upper

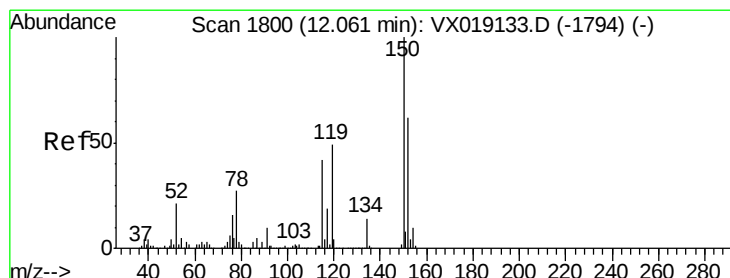
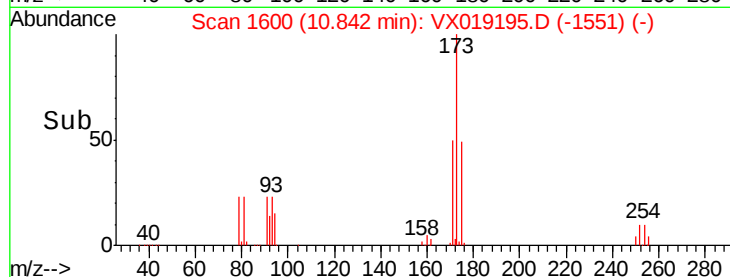
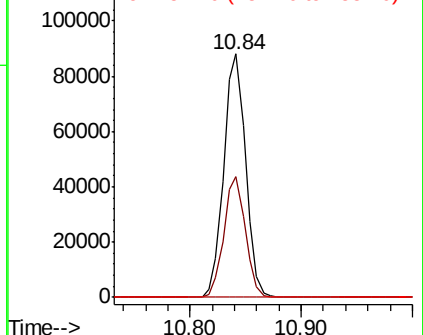
173 100

175 48.7 24.4 73.4

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: VX019195.D

Acq: 29 Oct 2020 18:03

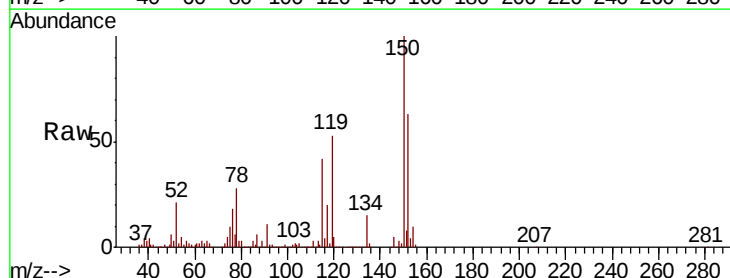
Tgt Ion:152 Resp: 198118

Ion Ratio Lower Upper

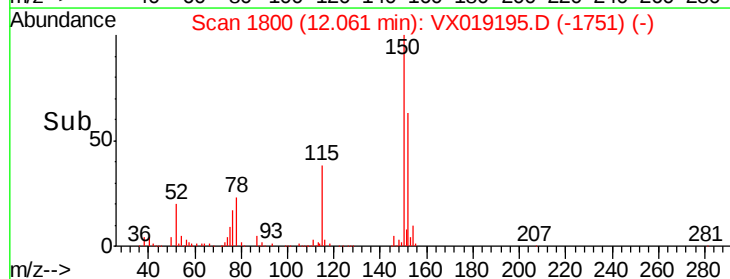
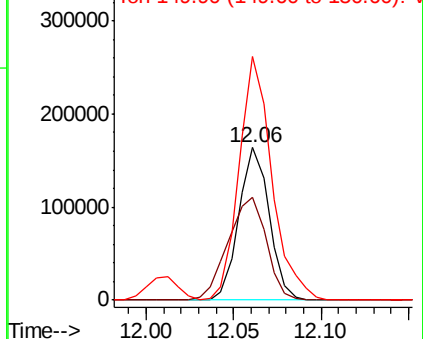
152 100

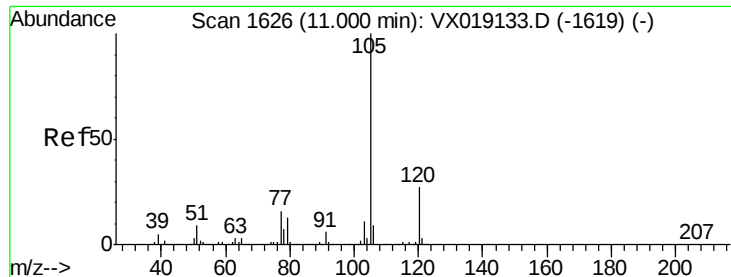
115 85.2 41.9 125.7

150 172.7 0.0 347.8



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





#73

Isopropylbenzene

Concen: 51.919 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

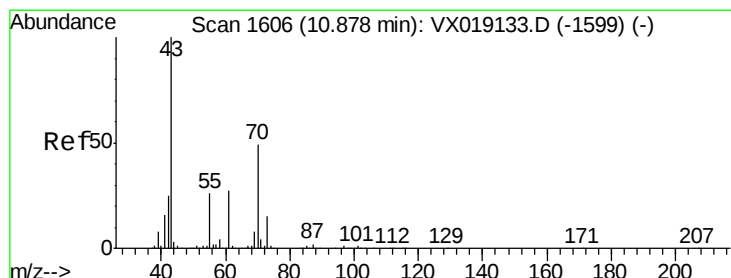
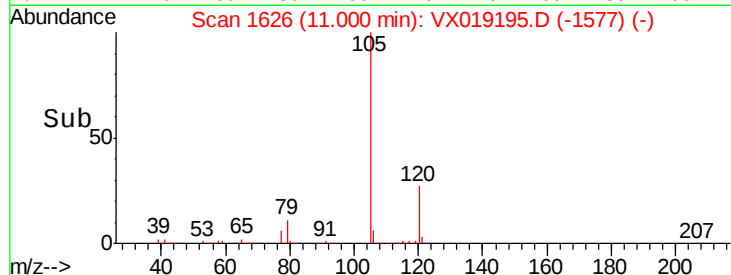
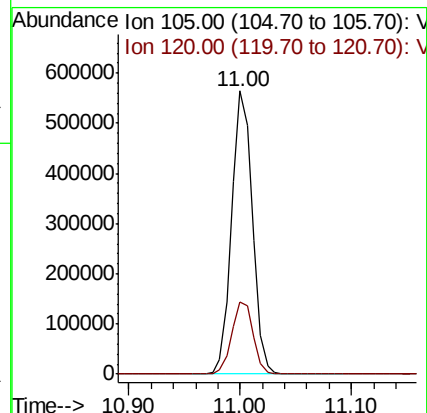
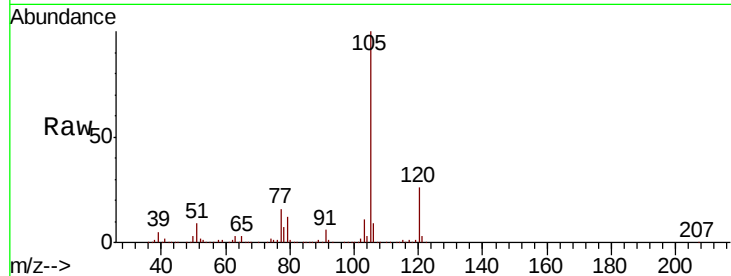
VSTDCCC050EC

Tot Ion:105 Resp: 728105

Ion Ratio Lower Upper

105 100

120 26.1 13.3 39.8



#74

N-ethyl acetate

Concen: 55.457 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Tgt Ion: 43 Resp: 284358

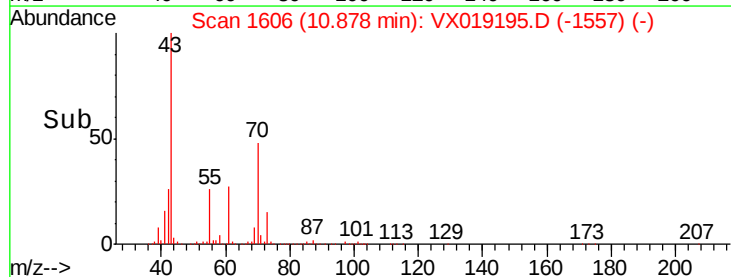
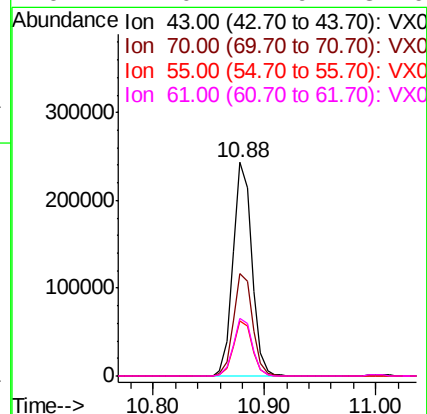
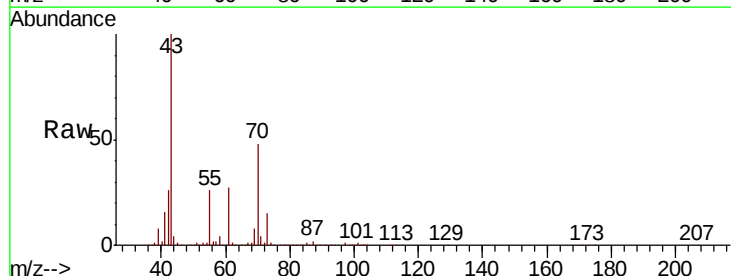
Ion Ratio Lower Upper

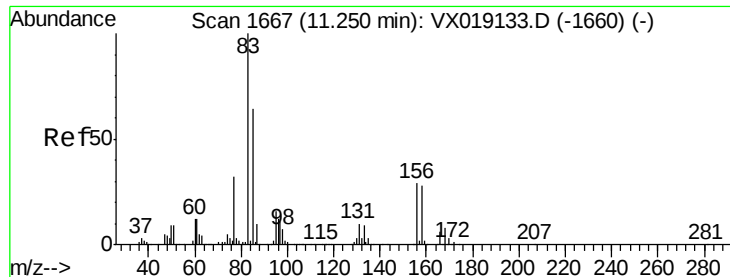
43 100

70 48.6 39.6 59.4

55 26.1 20.7 31.1

61 27.0 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 51.702 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

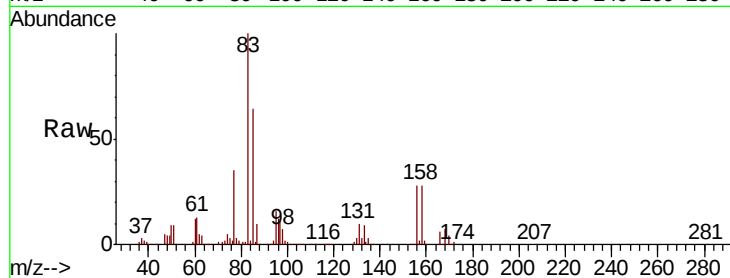
Tot Ion: 83 Resp: 226598

Ion Ratio Lower Upper

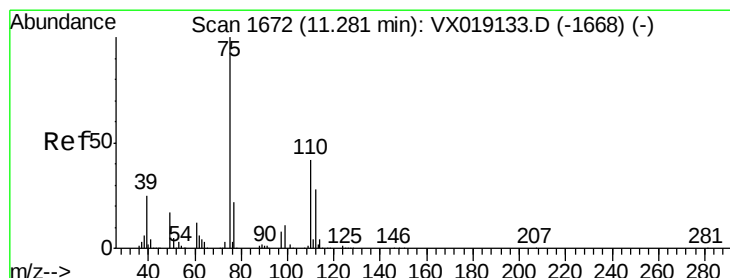
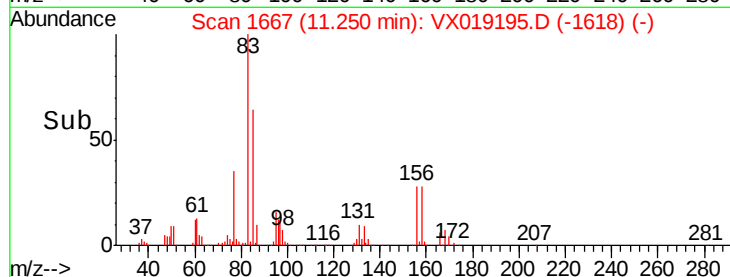
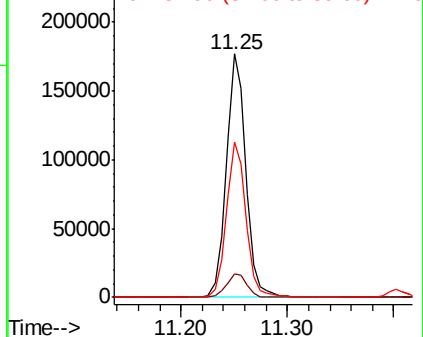
83 100

131 10.2 5.2 15.6

85 64.3 32.1 96.3



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: 68.090 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019195.D

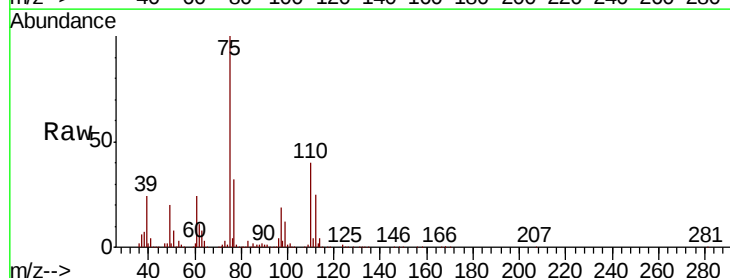
Acq: 29 Oct 2020 18:03

Tgt Ion: 75 Resp: 278537

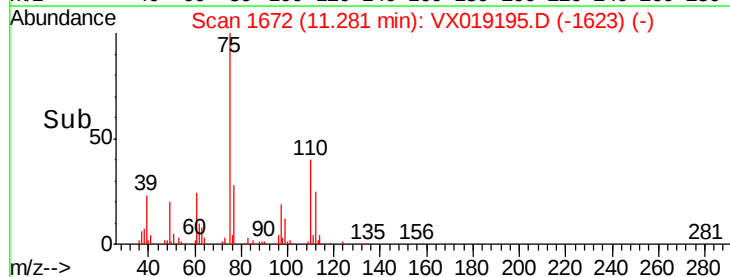
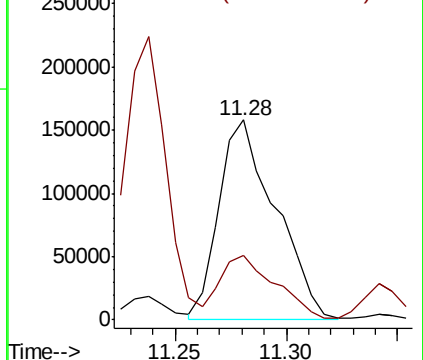
Ion Ratio Lower Upper

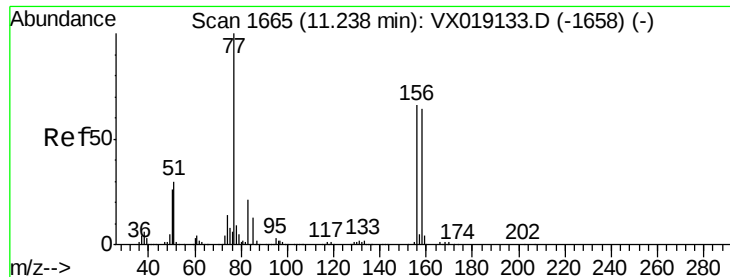
75 100

77 31.5 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.234 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

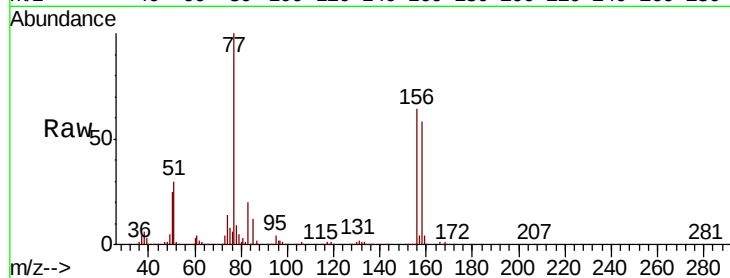
Tot Ion:156 Resp: 178322

Ion Ratio Lower Upper

156 100

77 163.3 77.7 233.1

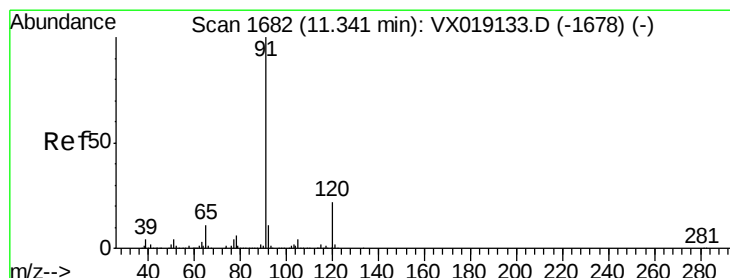
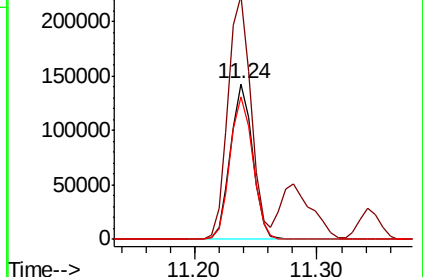
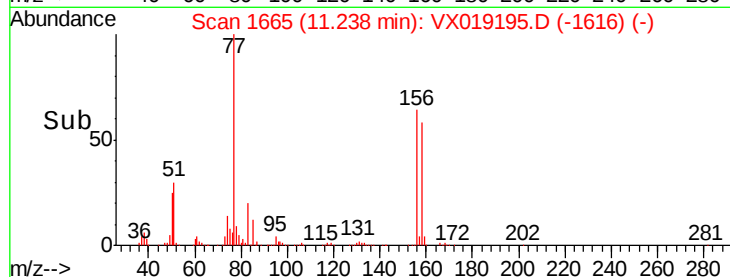
158 94.2 48.3 144.8



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: 52.358 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019195.D

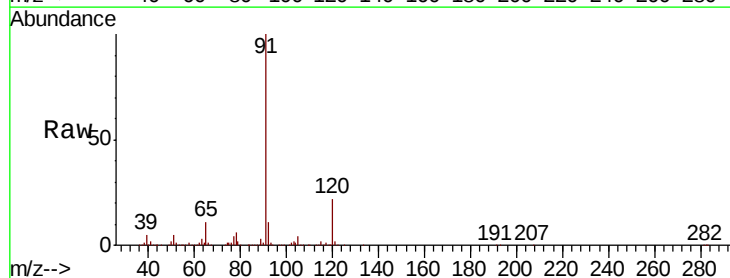
Acq: 29 Oct 2020 18:03

Tgt Ion: 91 Resp: 838180

Ion Ratio Lower Upper

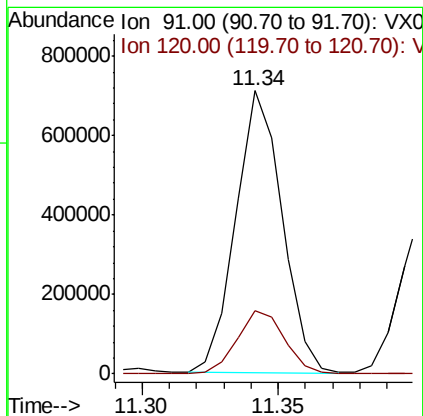
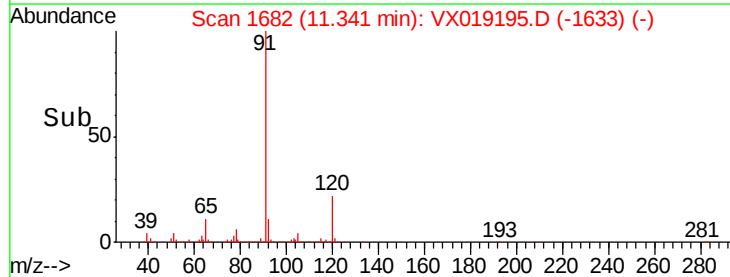
91 100

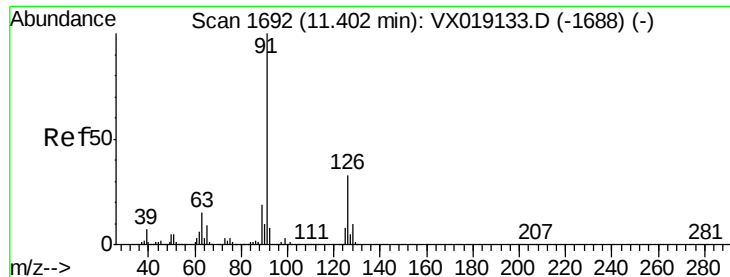
120 23.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

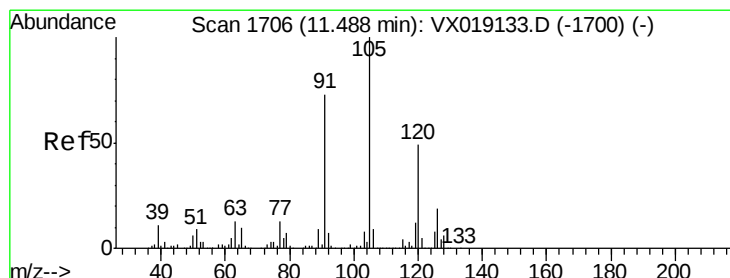
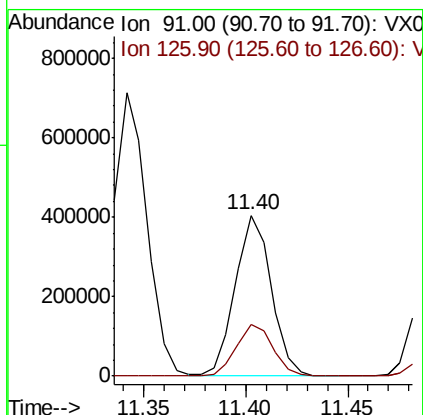
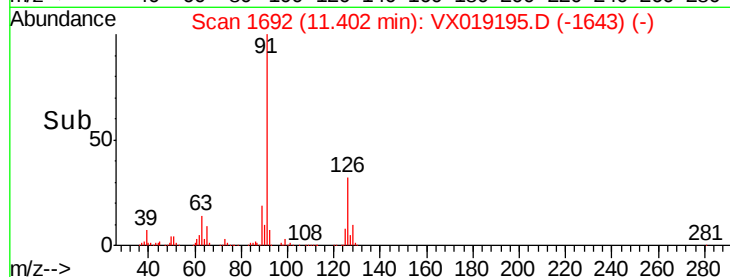
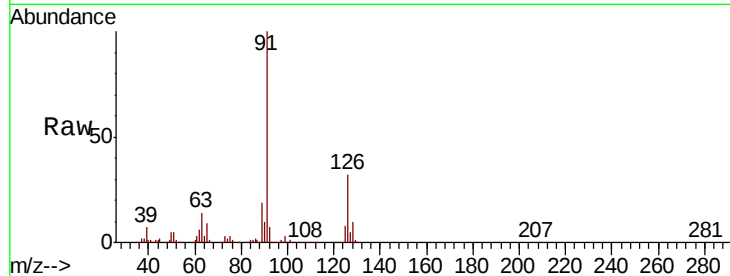




#79
 2-Chlorotoluene
 Concen: 52.391 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

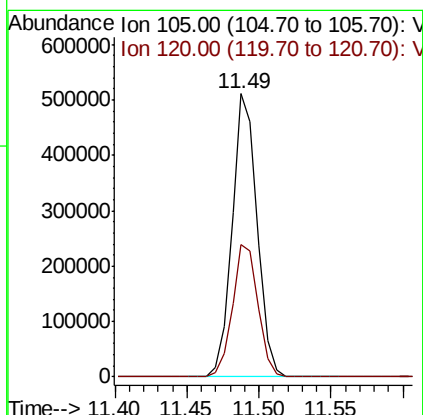
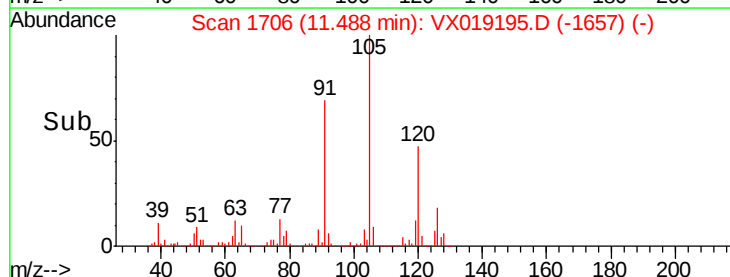
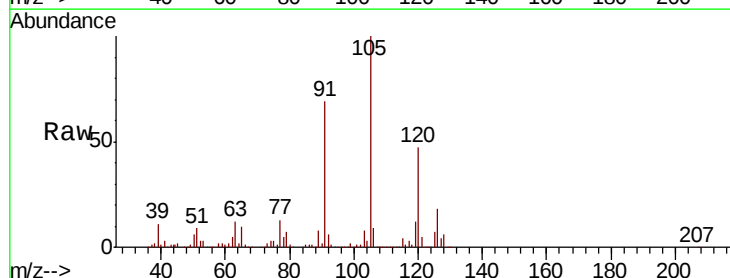
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

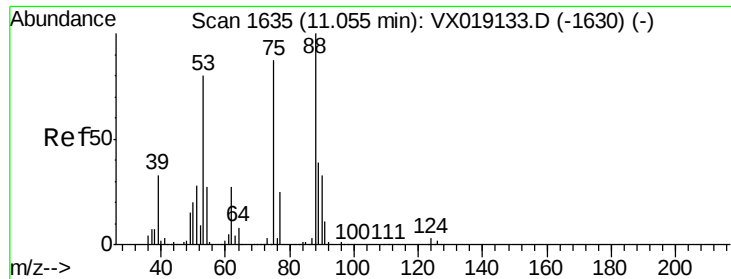
Tot Ion: 91 Resp: 493784
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 52.286 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Tgt Ion: 105 Resp: 619446
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.3 72.8

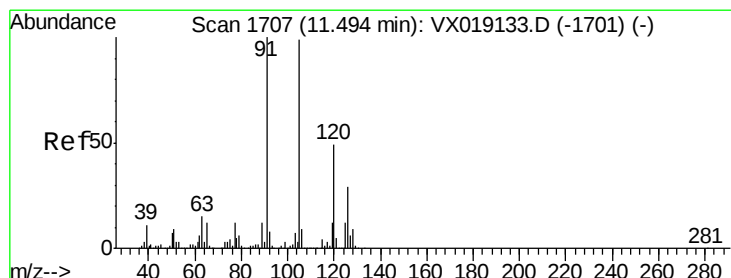
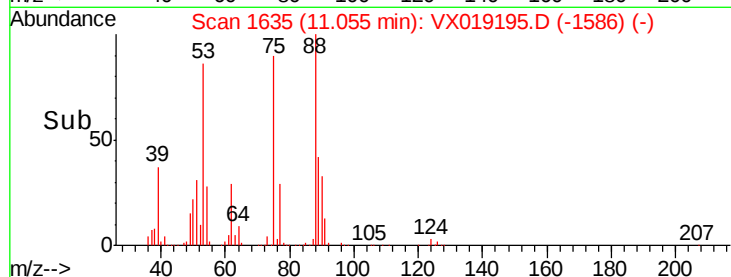
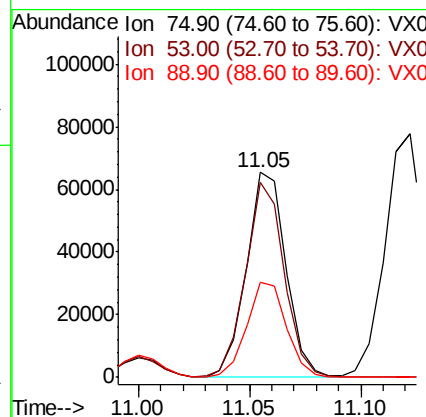
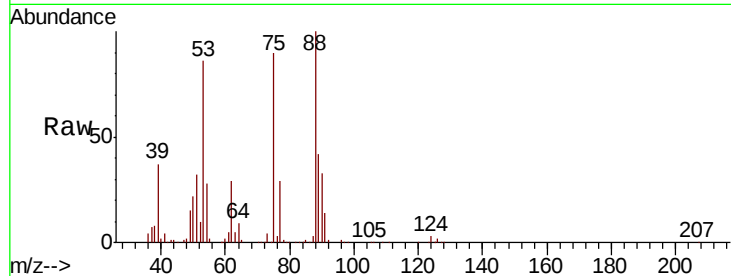




#81
trans-1,4-Dichloro-2-butene
Concen: 52.011 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

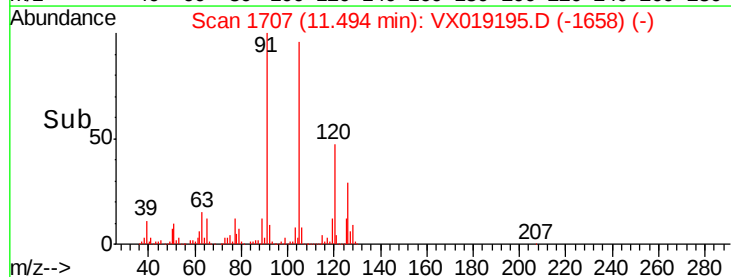
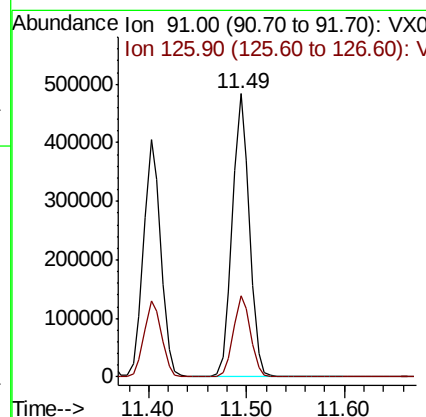
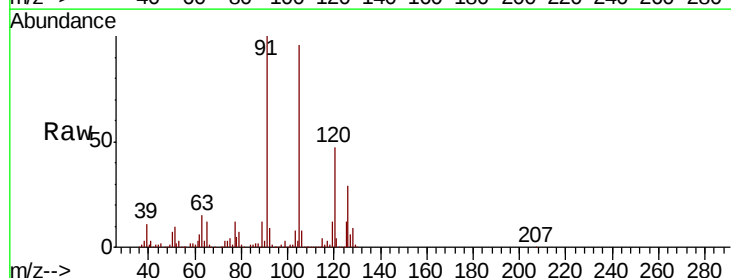
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

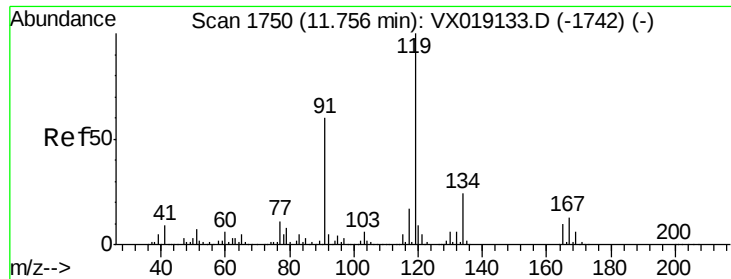
Tot Ion: 75 Resp: 80806
Ion Ratio Lower Upper
75 100
53 93.3 73.3 109.9
89 46.9 38.2 57.2



#82
4-Chlorotoluene
Concen: 51.034 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion: 91 Resp: 587357
Ion Ratio Lower Upper
91 100
126 28.7 14.8 44.4

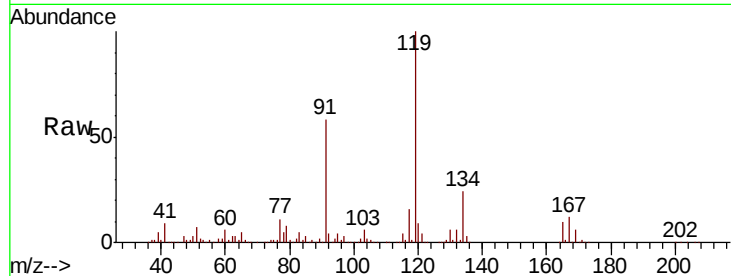




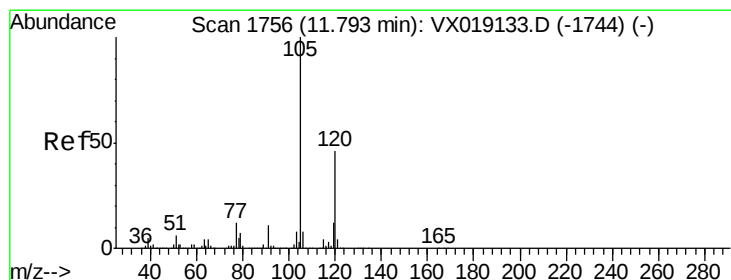
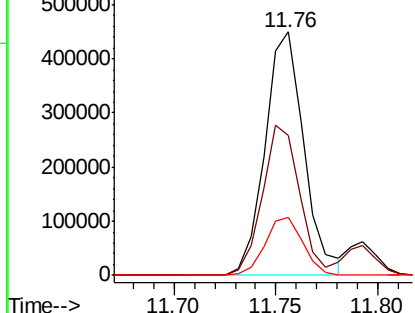
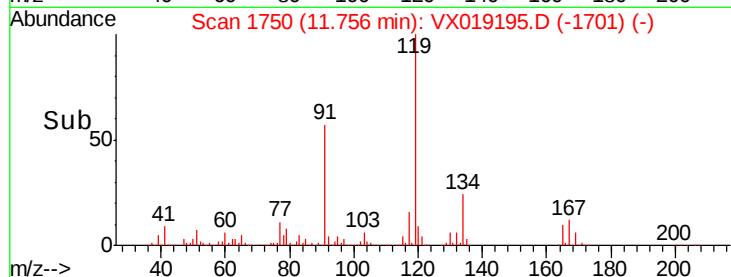
#83
tert-Butylbenzene
Concen: 52.657 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 597321
Ion Ratio Lower Upper
119 100
91 58.8 29.0 87.1
134 23.3 11.7 35.0

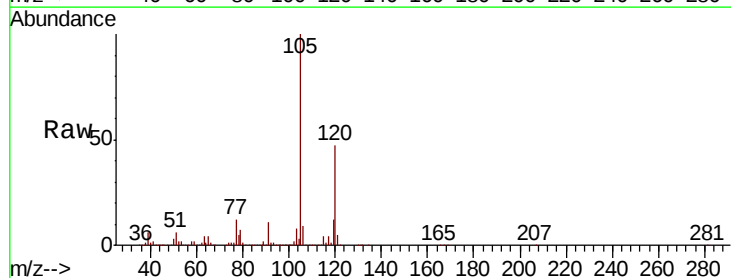


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

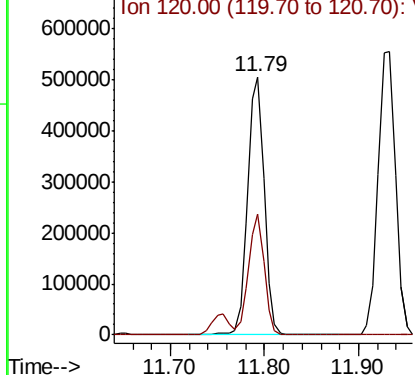
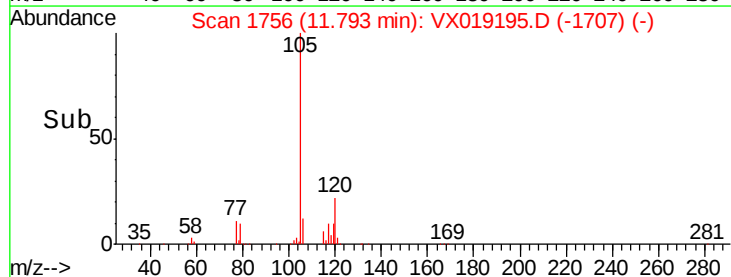


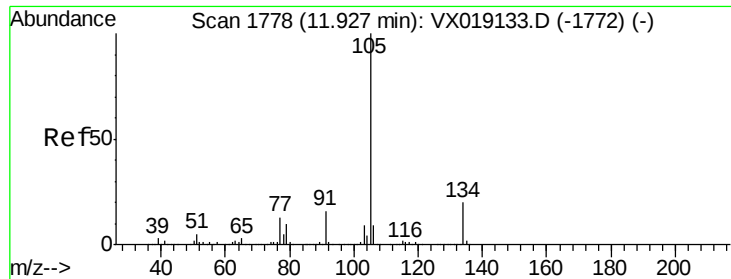
#84
1,2,4-Trimethylbenzene
Concen: 51.894 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion:105 Resp: 620670
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.716 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

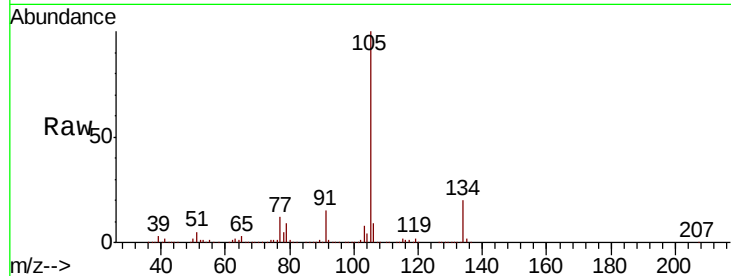
VSTDCCC050EC

Tot Ion:105 Resp: 717219

Ion Ratio Lower Upper

105 100

134 19.6 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

600000

500000

400000

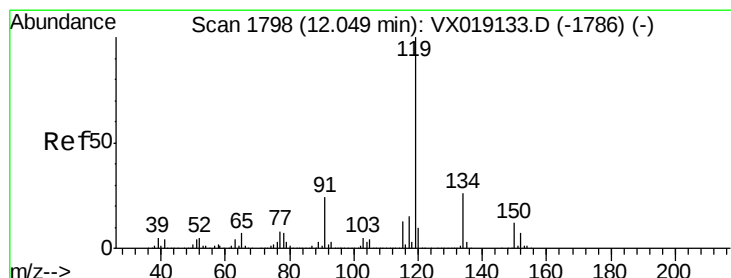
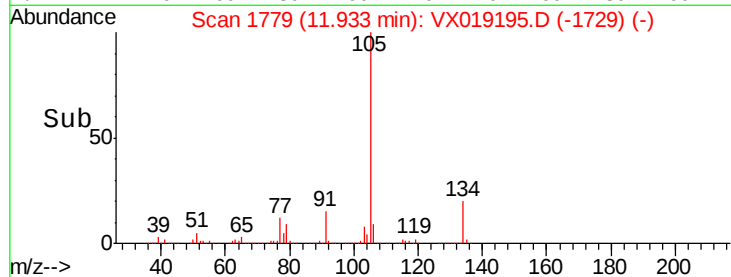
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.879 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

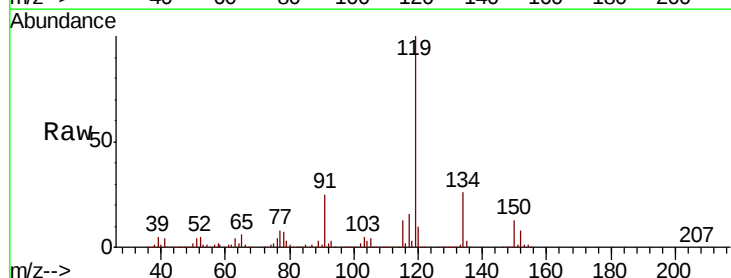
Tgt Ion:119 Resp: 651482

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 24.3 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

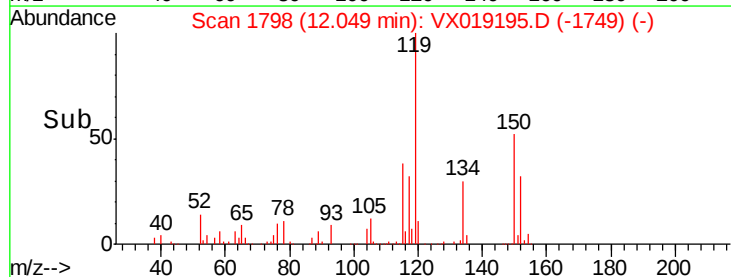
600000

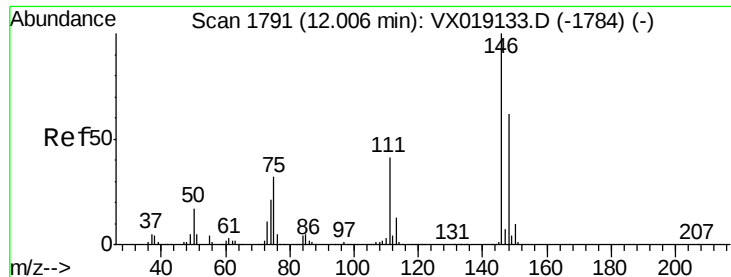
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 47.984 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

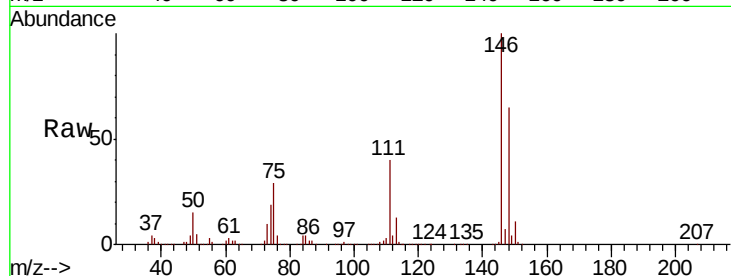
Tot Ion:146 Resp: 311020

Ion Ratio Lower Upper

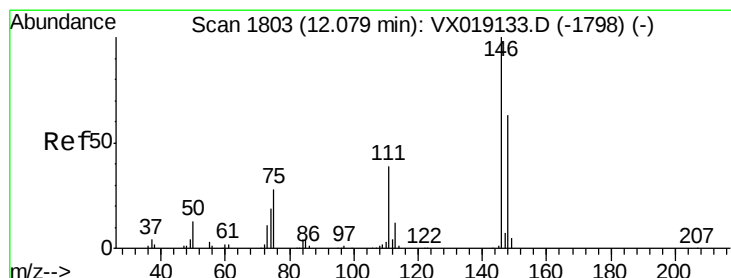
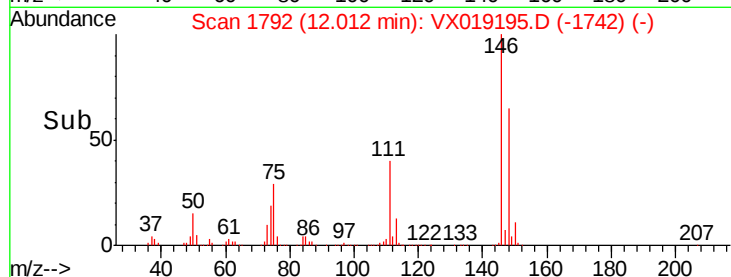
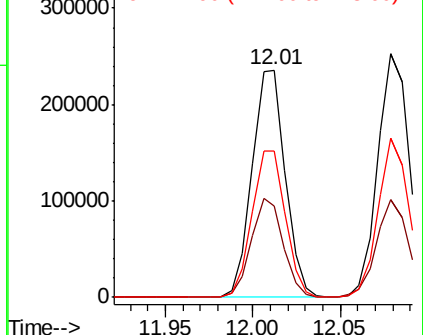
146 100

111 41.8 20.4 61.2

148 65.3 31.6 94.8



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: 47.141 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

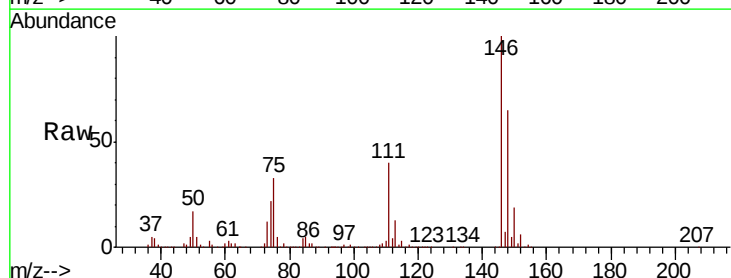
Tgt Ion:146 Resp: 318062

Ion Ratio Lower Upper

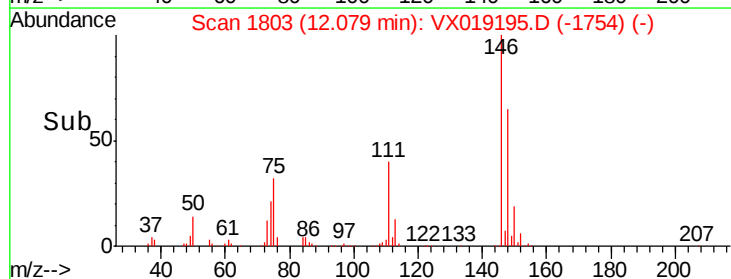
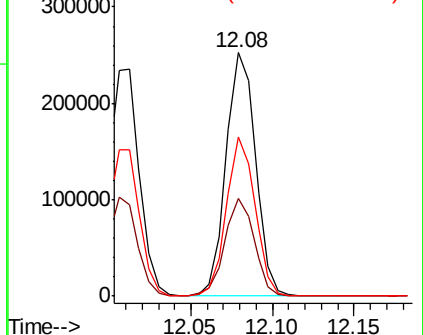
146 100

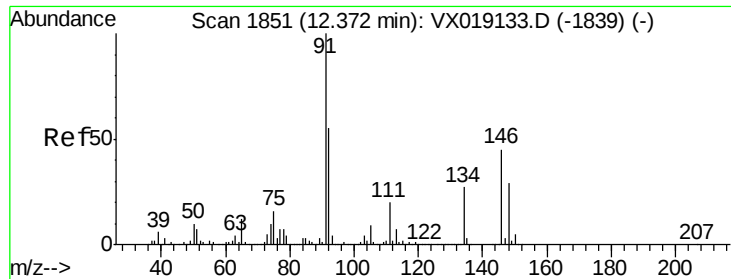
111 40.4 20.2 60.5

148 63.6 31.3 93.8



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

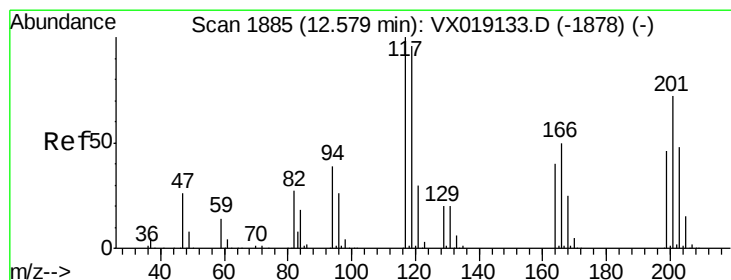
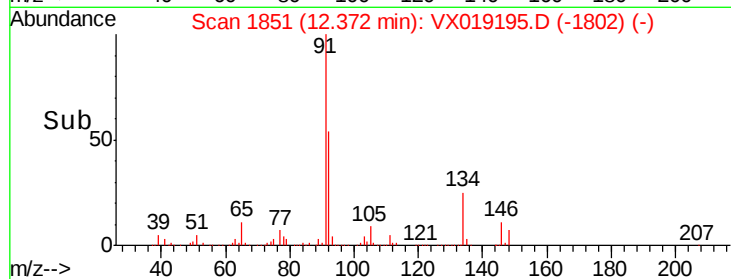
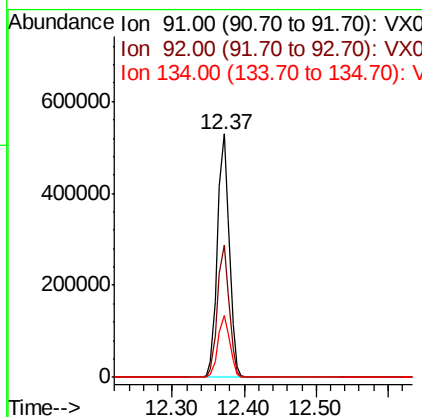
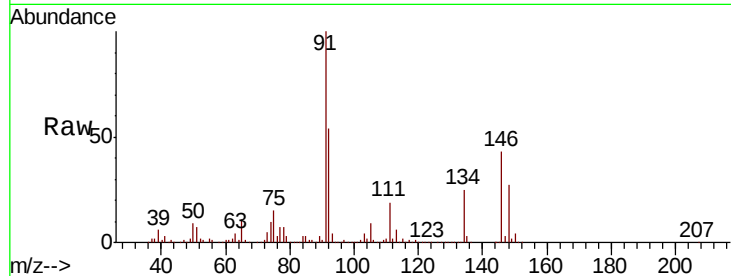




#89
n-Butylbenzene
Concen: 50.841 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

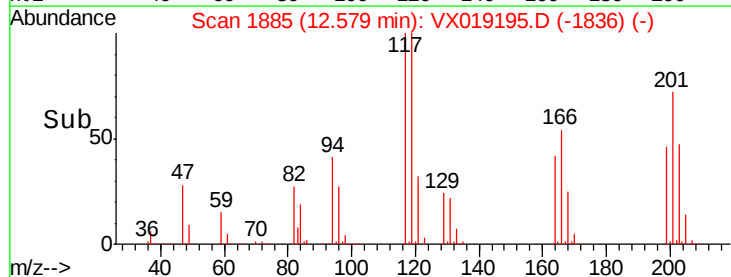
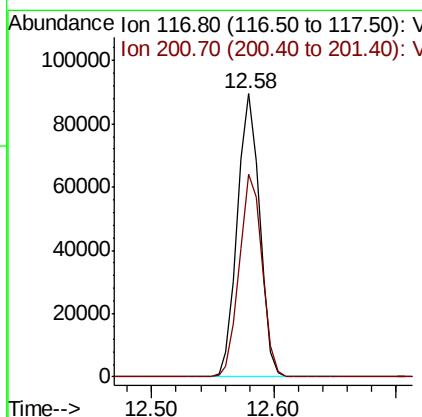
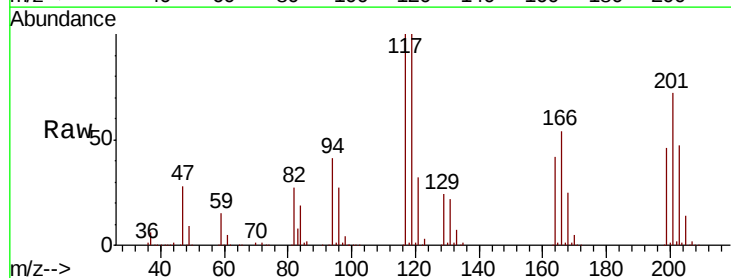
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

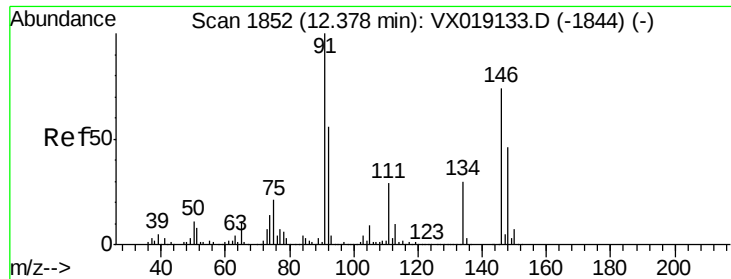
Tot Ion: 91 Resp: 600114
Ion Ratio Lower Upper
91 100
92 53.9 27.5 82.4
134 25.4 13.2 39.6



#90
Hexachloroethane
Concen: 52.494 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019195.D
Acq: 29 Oct 2020 18:03

Tgt Ion: 117 Resp: 112046
Ion Ratio Lower Upper
117 100
201 73.2 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 48.907 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

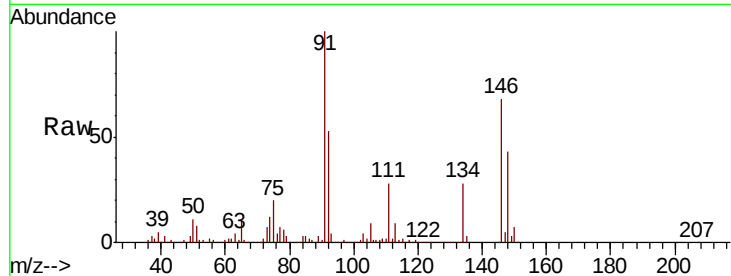
Tot Ion:146 Resp: 304392

Ion Ratio Lower Upper

146 100

111 42.9 21.2 63.6

148 63.7 31.6 94.7

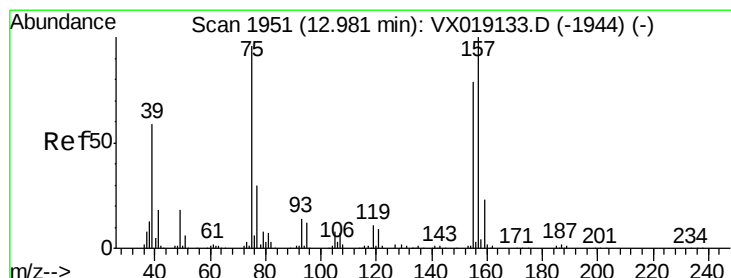
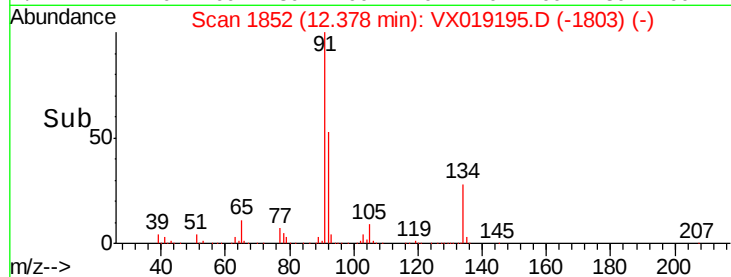
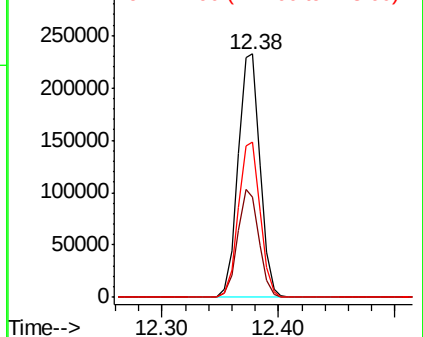


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.643 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

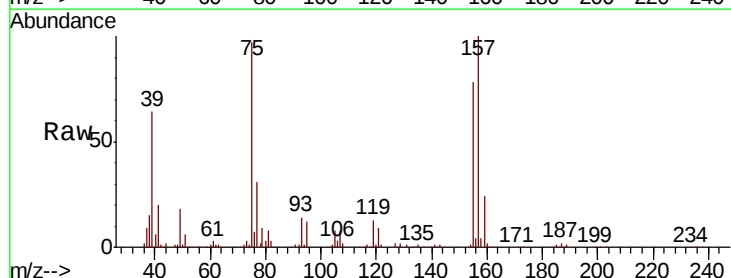
Tgt Ion: 75 Resp: 55409

Ion Ratio Lower Upper

75 100

155 83.5 42.8 128.4

157 107.2 54.8 164.4

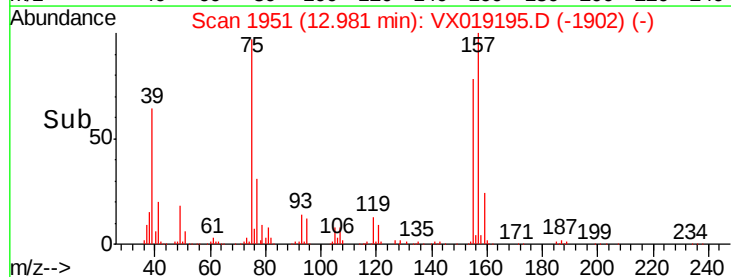
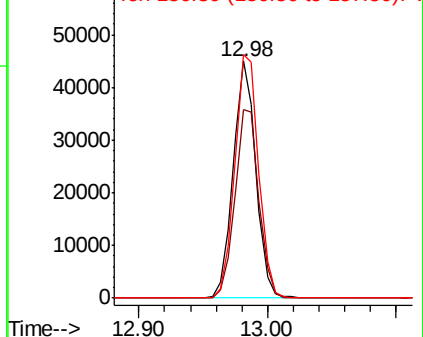


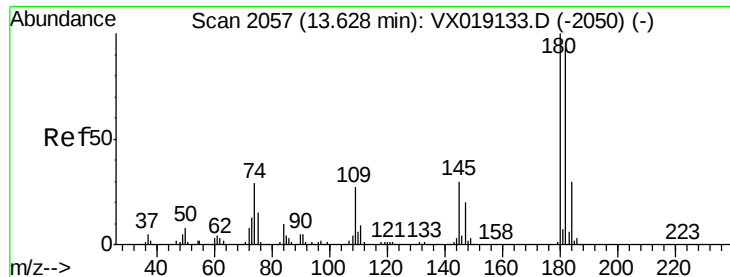
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

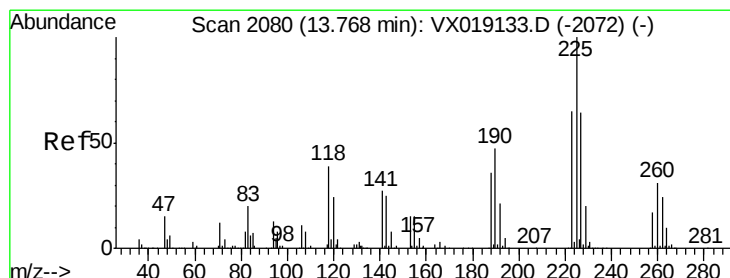
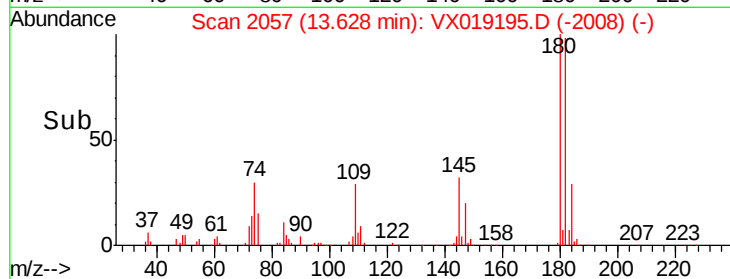
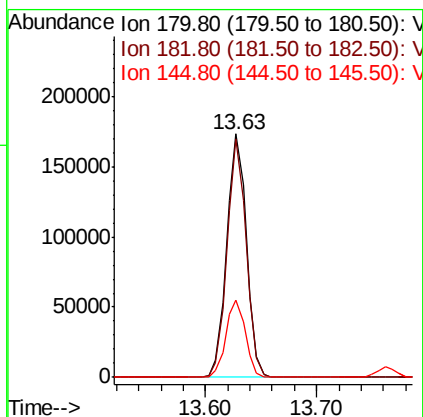
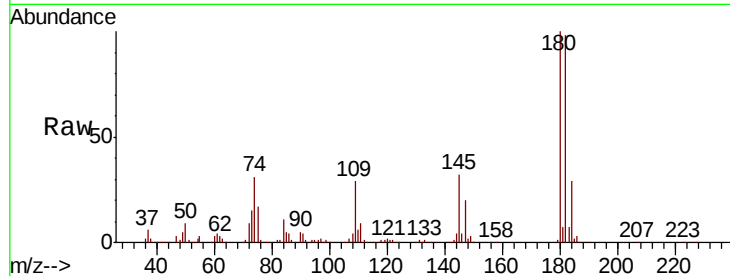




#93
 1,2,4-Trichlorobenzene
 Concen: 45.407 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

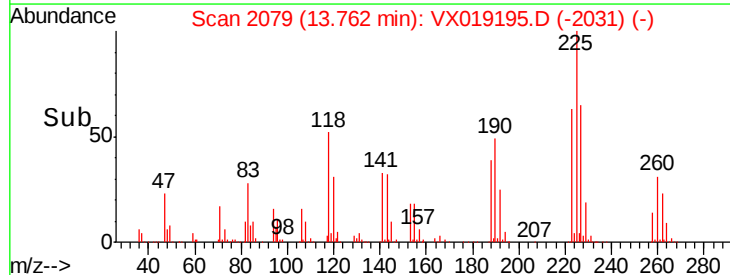
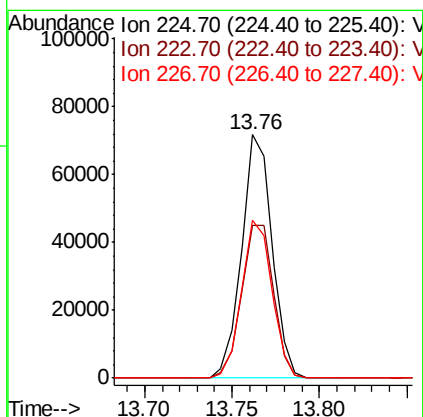
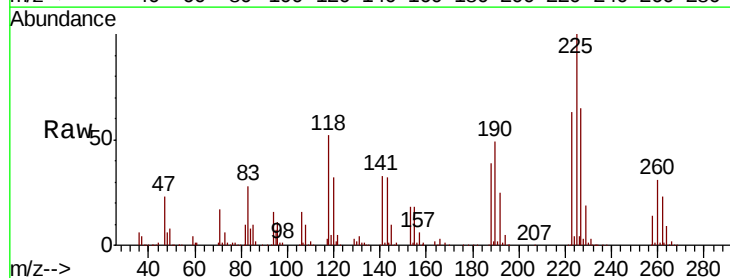
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

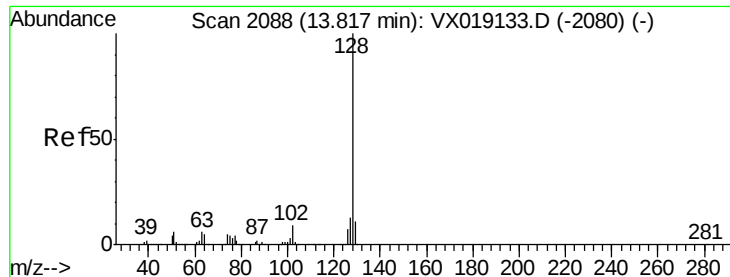
Tot Ion:180 Resp: 212278
 Ion Ratio Lower Upper
 180 100
 182 94.7 46.8 140.3
 145 31.6 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 42.334 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019195.D
 Acq: 29 Oct 2020 18:03

Tgt Ion:225 Resp: 87122
 Ion Ratio Lower Upper
 225 100
 223 66.4 32.4 97.2
 227 65.0 31.6 94.7





#95

Naphthalene

Concen: 48.217 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

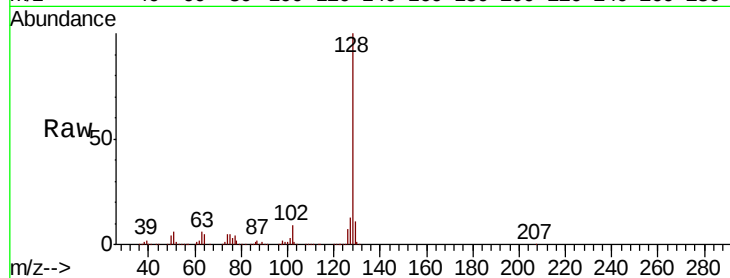
Tot Ion:128 Resp: 709952

Ion Ratio Lower Upper

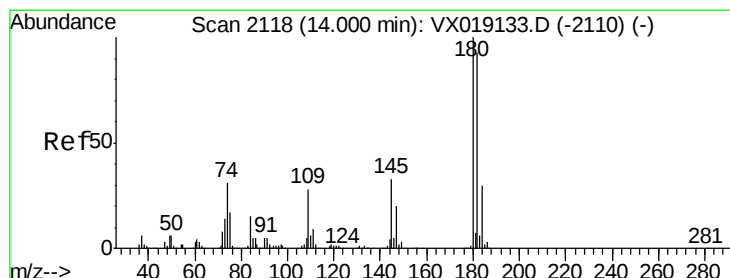
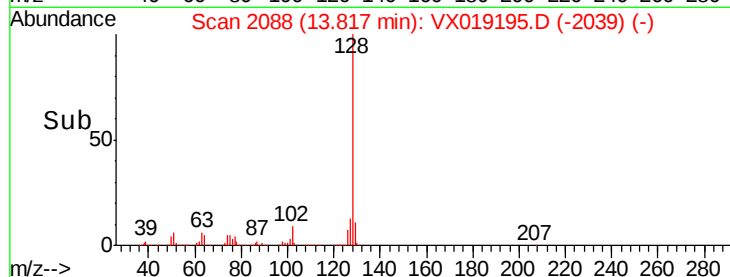
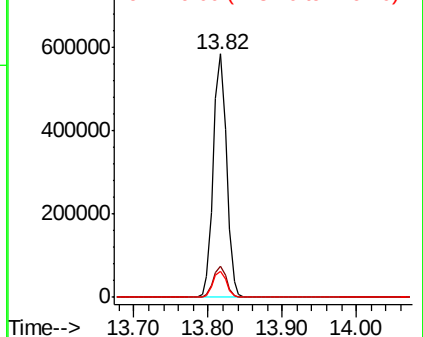
128 100

127 12.8 10.3 15.5

129 11.0 8.6 13.0



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: 45.951 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019195.D

Acq: 29 Oct 2020 18:03

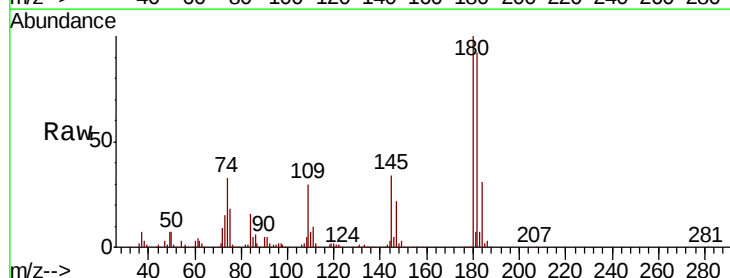
Tgt Ion:180 Resp: 208401

Ion Ratio Lower Upper

180 100

182 93.9 47.8 143.3

145 33.9 16.5 49.5



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

