

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102120\NOT REVIEWED DATA\
 Data File : VX019011.D
 Acq On : 21 Oct 2020 19:52
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 03 12:07:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	270163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	447721	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	415955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207264	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	495782	153.20	ug/l	0.00
Spiked Amount			Recovery	=	306.40%	
35) Dibromofluoromethane	5.47	113	453074	159.83	ug/l	0.00
Spiked Amount			Recovery	=	319.66%	
50) Toluene-d8	8.70	98	1732816	160.19	ug/l	0.00
Spiked Amount			Recovery	=	320.38%	
62) 4-Bromofluorobenzene	11.12	95	592301	153.94	ug/l	0.00
Spiked Amount			Recovery	=	307.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	423419	157.344	ug/l	100
3) Chloromethane	1.31	50	405163	151.426	ug/l	100
4) Vinyl Chloride	1.39	62	480021	152.045	ug/l	98
5) Bromomethane	1.64	94	391313	147.517	ug/l	97
6) Chloroethane	1.71	64	171678	104.769	ug/l	99
7) Trichlorofluoromethane	1.91	101	807535	151.360	ug/l	100
8) Diethyl Ether	2.17	74	309941	148.363	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	383730	151.820	ug/l	99
10) Methyl Iodide	2.49	142	573593	150.352	ug/l	100
11) Tert butyl alcohol	3.03	59	141514	215.914	ug/l	99
12) 1,1-Dichloroethene	2.36	96	401753	152.783	ug/l	95
13) Acrolein	2.28	56	196138	763.974	ug/l	98
14) Allyl chloride	2.71	41	519880	152.827	ug/l	98
15) Acrylonitrile	3.12	53	967097	763.046	ug/l	99
16) Acetone	2.43	43	791805	718.347	ug/l	99
17) Carbon Disulfide	2.55	76	1134366	149.579	ug/l	100
18) Methyl Acetate	2.75	43	421892	154.243	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1287679	154.592	ug/l	99
20) Methylene Chloride	2.84	84	462702	150.784	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	471431	153.642	ug/l	99
22) Diisopropyl ether	3.82	45	1033316	154.044	ug/l	97
23) Vinyl Acetate	3.79	43	4974707	781.020	ug/l	98
24) 1,1-Dichloroethane	3.67	63	745068	152.519	ug/l	99
25) 2-Butanone	4.64	43	1302389	747.785	ug/l	99
26) 2,2-Dichloropropane	4.55	77	684382	151.733	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	543011	155.936	ug/l	97
28) Bromochloromethane	4.98	49	326387	157.344	ug/l	95
29) Tetrahydrofuran	5.09	42	780057	749.342	ug/l	99
30) Chloroform	5.18	83	826782	155.890	ug/l	97
31) Cyclohexane	5.55	56	571138	150.710	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	759808	157.959	ug/l	99
36) 1,1-Dichloropropene	5.77	75	620720	154.508	ug/l	99
37) Ethyl Acetate	4.80	43	537494	156.754	ug/l	99
38) Carbon Tetrachloride	5.76	117	665447	157.812	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	688996	153.080	ug/l	99
40) Benzene	6.12	78	1834547	155.054	ug/l	100
41) Methacrylonitrile	5.01	41	284110	154.249	ug/l	99
42) 1,2-Dichloroethane	6.16	62	618923	153.281	ug/l	99
43) Isopropyl Acetate	6.42	43	907061	156.196	ug/l	99
44) Trichloroethene	7.19	130	545786	158.178	ug/l	99
45) 1,2-Dichloropropane	7.49	63	440932	155.364	ug/l	98
46) Dibromomethane	7.64	93	336219	155.542	ug/l	98
47) Bromodichloromethane	7.88	83	684278	161.452	ug/l	98
48) Methyl methacrylate	7.75	41	431301	150.732	ug/l	99
49) 1,4-Dioxane	7.74	88	192424	2976.356	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2515289	735.049	ug/l	99
52) Toluene	8.77	92	1251661	160.167	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	771097	161.112	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	802778	158.837	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	497621	156.203	ug/l	99
56) Ethyl methacrylate	9.16	69	720593	157.222	ug/l	100
57) 1,3-Dichloropropane	9.35	76	789709	156.175	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2003877	832.292	ug/l	99
59) 2-Hexanone	9.48	43	1851611	726.099	ug/l	99
60) Dibromochloromethane	9.57	129	577276	166.254	ug/l	99
61) 1,2-Dibromoethane	9.65	107	535164	157.006	ug/l	99
64) Tetrachloroethene	9.32	164	469708	148.317	ug/l	92
65) Chlorobenzene	10.12	112	1355460	155.353	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	503436	162.293	ug/l	99
67) Ethyl Benzene	10.24	91	2357534	156.754	ug/l	99
68) m/p-Xylenes	10.34	106	1848071	320.780	ug/l	98
69) o-Xylene	10.68	106	891928	161.762	ug/l	96
70) Styrene	10.70	104	1501871	160.433	ug/l	99
71) Bromoform	10.84	173	414178	165.397	ug/l #	100
73) Isopropylbenzene	11.00	105	2329151	156.213	ug/l	98
74) N-amyl acetate	10.88	43	720442	150.810	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	675519	150.390	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	798829	192.833	ug/l	85
77) Bromobenzene	11.24	156	580974	154.286	ug/l	96
78) n-propylbenzene	11.34	91	2548567	150.847	ug/l	98
79) 2-Chlorotoluene	11.41	91	1448140	146.925	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1917969	155.773	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	249758	153.605	ug/l	97
82) 4-Chlorotoluene	11.49	91	1754320	149.587	ug/l	99
83) tert-Butylbenzene	11.76	119	1899686	156.621	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1892335	153.485	ug/l	99
85) sec-Butylbenzene	11.93	105	2241945	152.746	ug/l	99
86) p-Isopropyltoluene	12.05	119	2071276	154.445	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1021368	147.862	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1049008	147.982	ug/l	98
89) n-Butylbenzene	12.37	91	1858626	151.405	ug/l	99
90) Hexachloroethane	12.58	117	344725	167.903	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	1002624	155.678	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	160703	157.121	ug/l	95

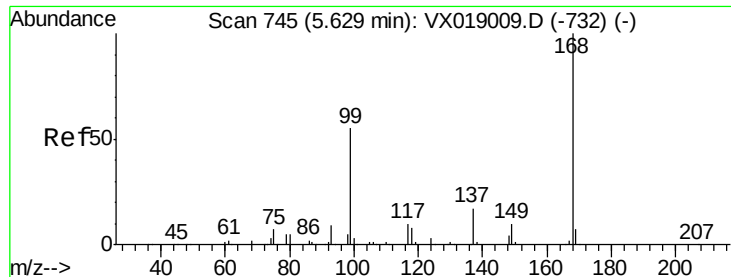
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102120\NOT REVIEWED DATA\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	760882	161.484	ug/l	99
94) Hexachlorobutadiene	13.76	225	324181	148.403	ug/l	98
95) Naphthalene	13.82	128	2418092	163.108	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	745881	162.630	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

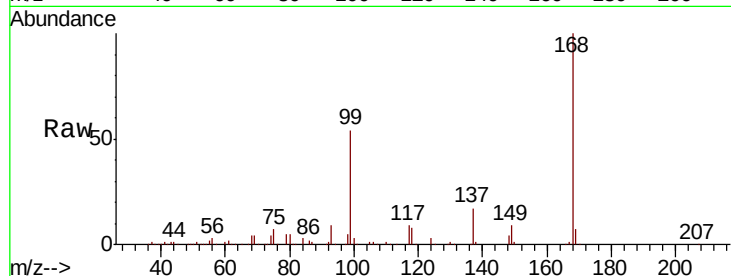
VSTDIC150

Tot Ion:168 Resp: 270163

Ion Ratio Lower Upper

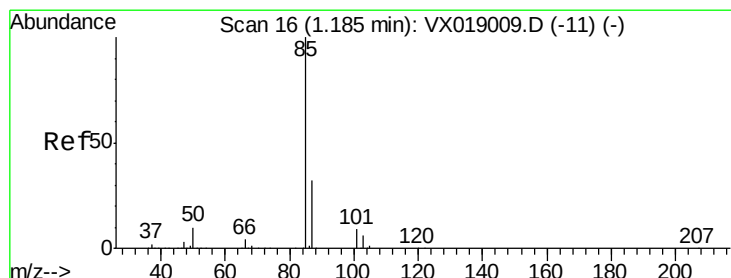
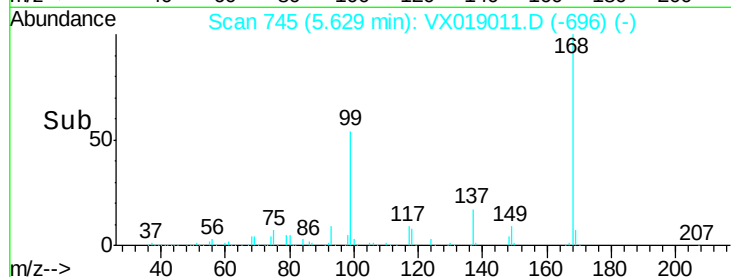
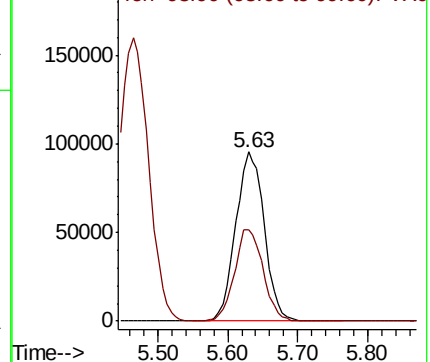
168 100

99 54.1 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VX019011.D (-696) (-)

Ion 98.90 (98.60 to 99.60): VX019011.D (-696) (-)



#2

Dichlorodifluoromethane

Concen: 157.344 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019011.D

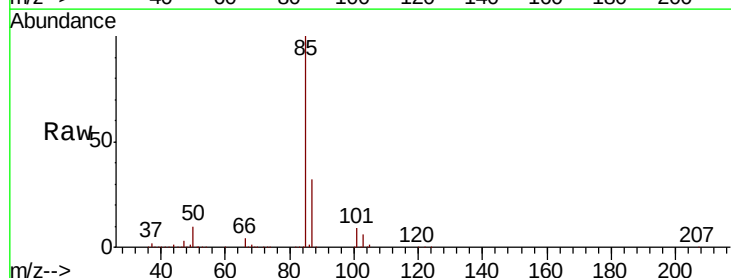
Acq: 21 Oct 2020 19:52

Tgt Ion: 85 Resp: 423419

Ion Ratio Lower Upper

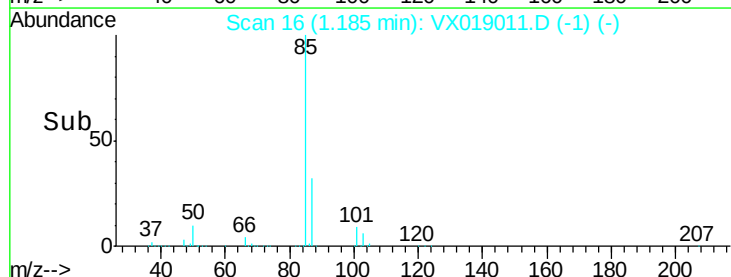
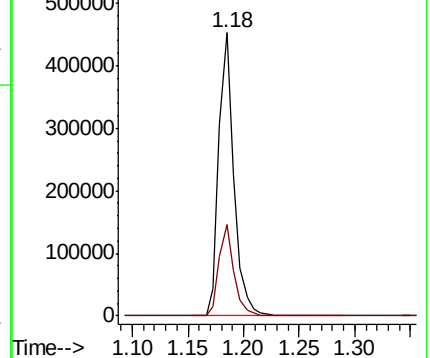
85 100

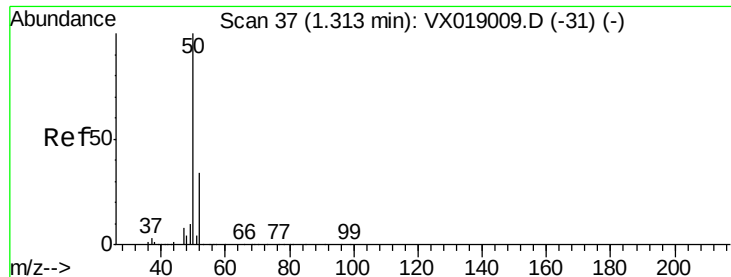
87 32.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX019011.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX019011.D (-1) (-)

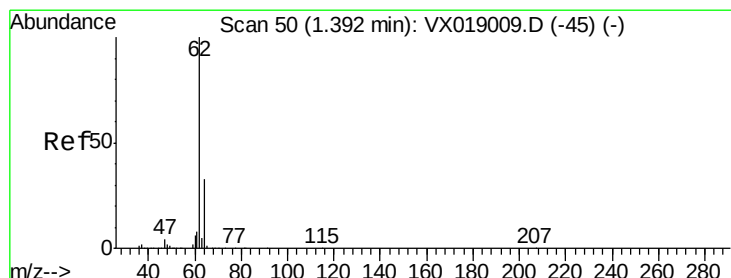
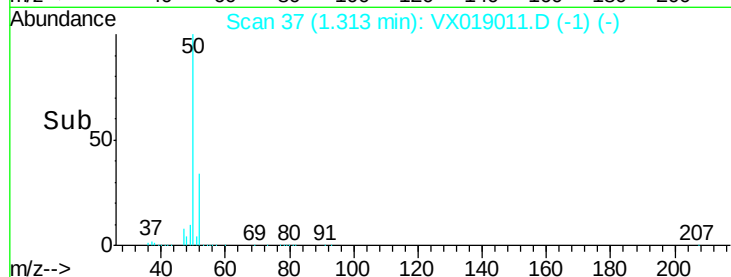
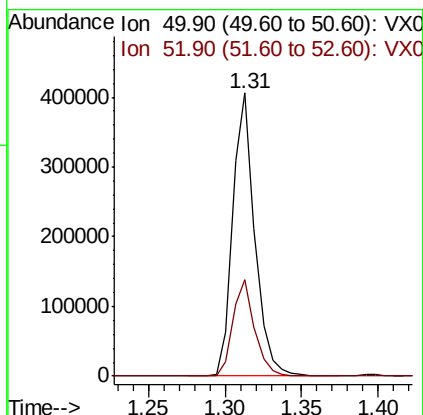
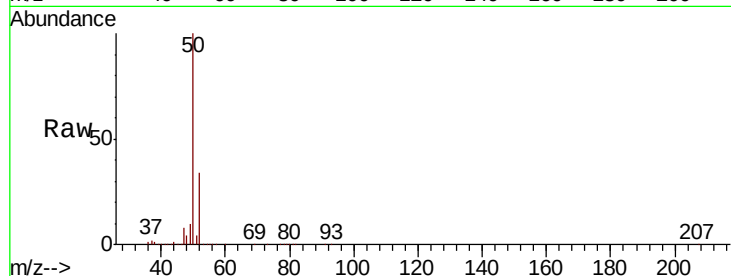




#3
Chloromethane
Concen: 151.426 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

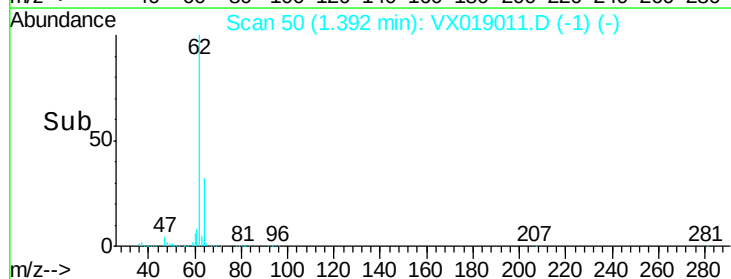
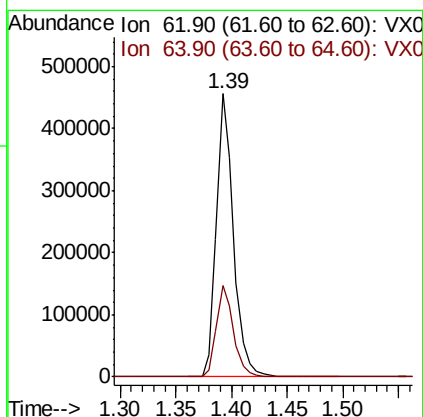
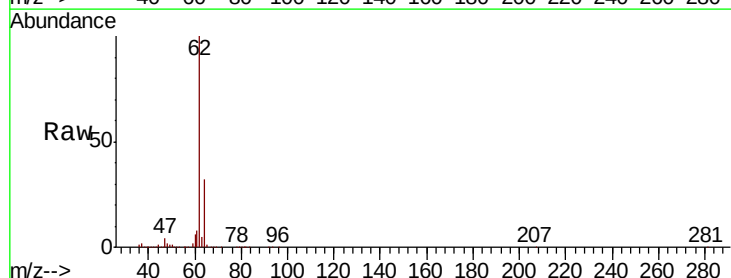
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

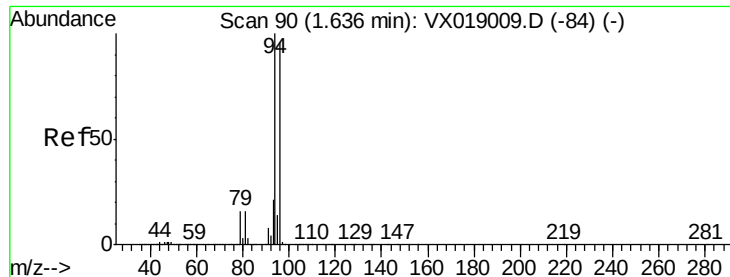
Tot Ion: 50 Resp: 405163
Ion Ratio Lower Upper
50 100
52 33.9 27.0 40.6



#4
Vinyl Chloride
Concen: 152.045 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion: 62 Resp: 480021
Ion Ratio Lower Upper
62 100
64 32.1 26.5 39.7





#5

Bromomethane

Concen: 147.517 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

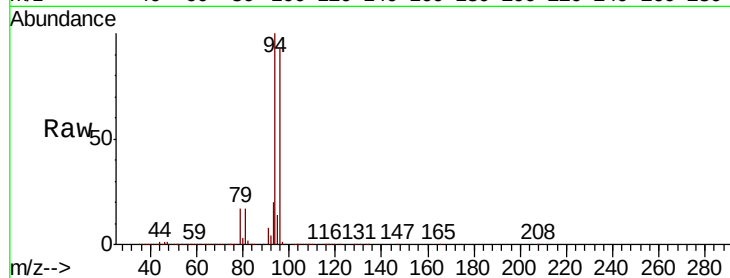
VSTDIC150

Tot Ion: 94 Resp: 391313

Ion Ratio Lower Upper

94 100

96 93.1 77.1 115.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

400000

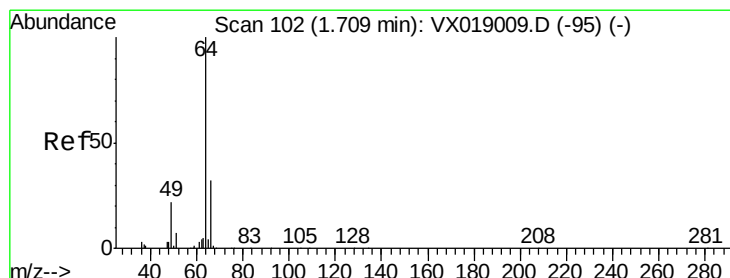
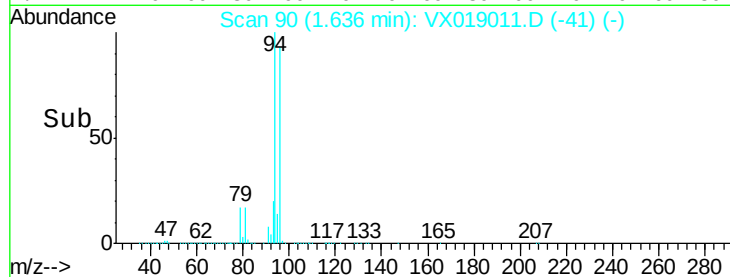
300000

200000

100000

0

Time-->



#6

Chloroethane

Concen: 104.769 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX019011.D

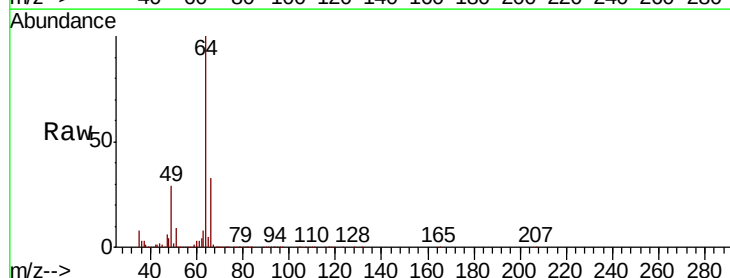
Acq: 21 Oct 2020 19:52

Tgt Ion: 64 Resp: 171678

Ion Ratio Lower Upper

64 100

66 32.8 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

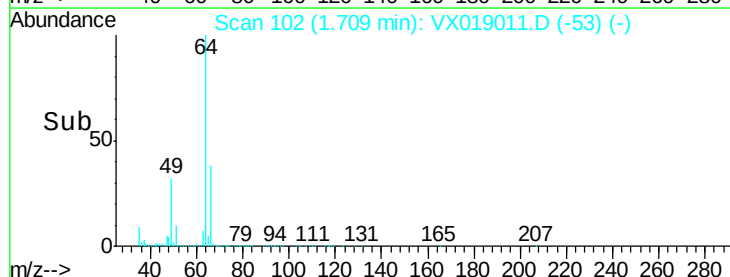
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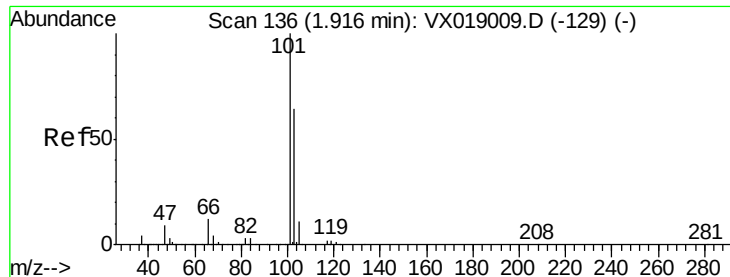
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50000

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Time-->



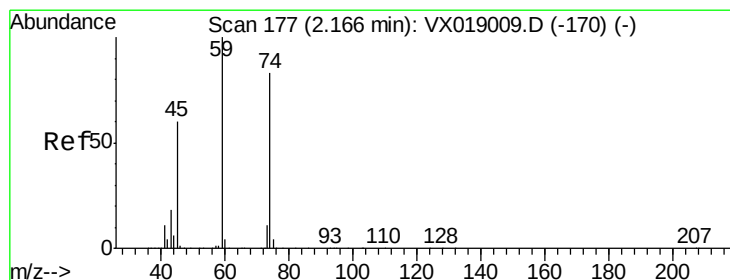
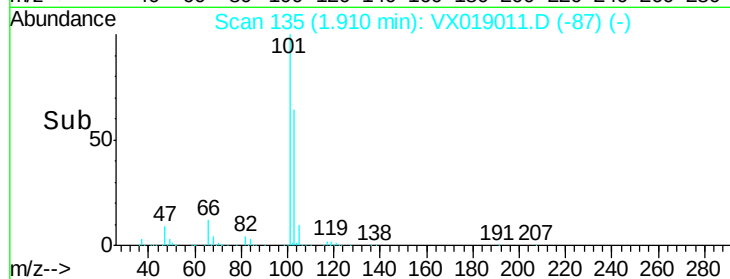
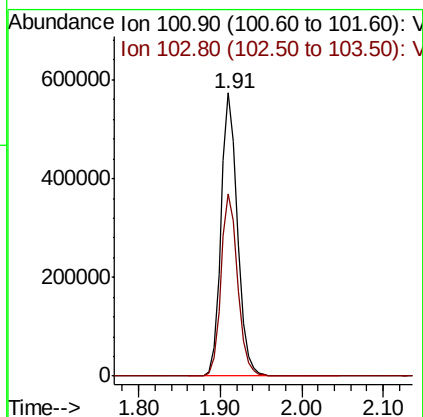
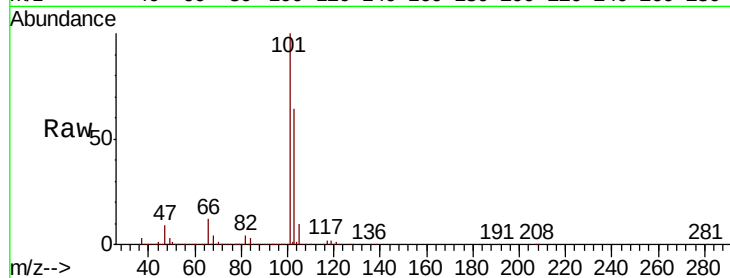


#7

Trichlorofluoromethane
Concen: 151.360 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

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MSVOA_X
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VSTDIC150

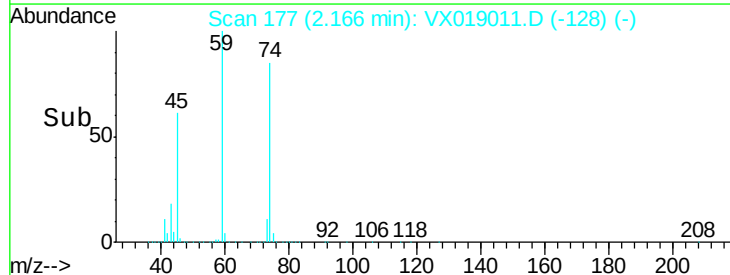
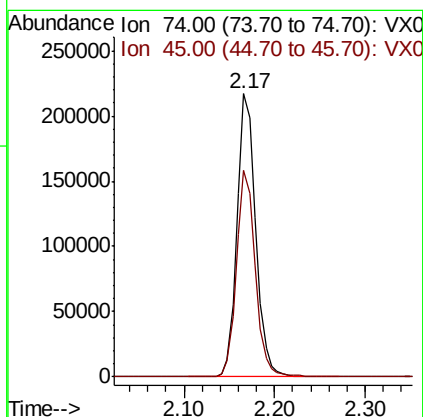
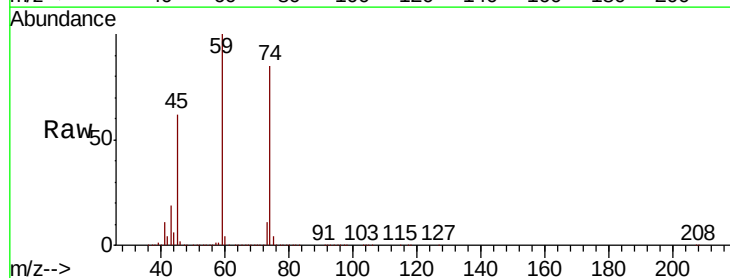
Tot Ion:101 Resp: 807535
Ion Ratio Lower Upper
101 100
103 64.3 51.2 76.8

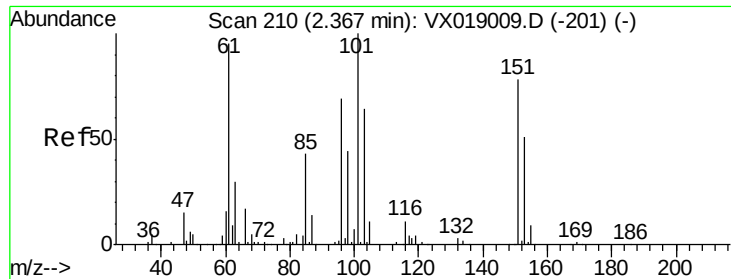


#8

Diethyl Ether
Concen: 148.363 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion: 74 Resp: 309941
Ion Ratio Lower Upper
74 100
45 73.2 36.8 110.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 151.820 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

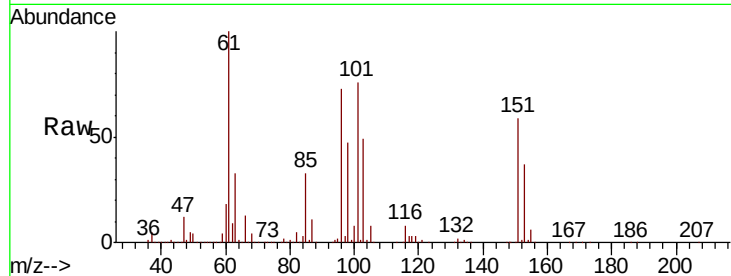
Tot Ion:101 Resp: 383730

Ion Ratio Lower Upper

101 100

85 43.3 35.2 52.8

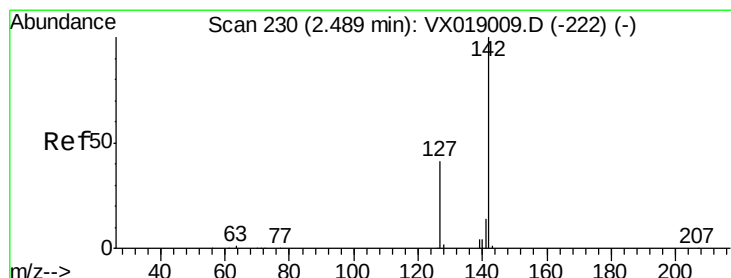
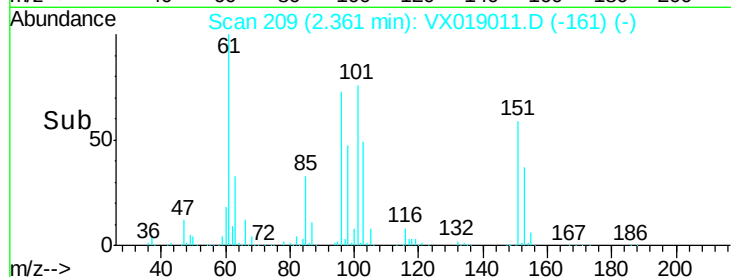
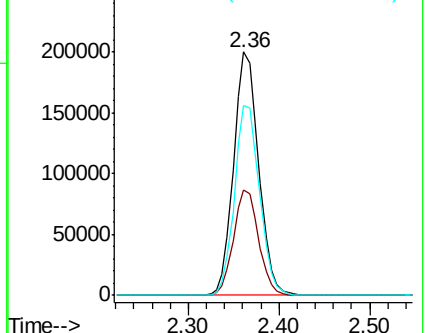
151 78.4 62.4 93.6



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: 150.352 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

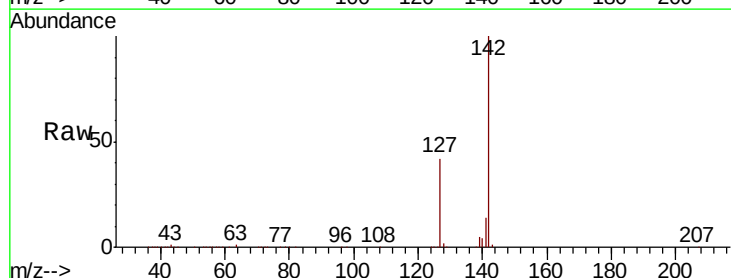
Tgt Ion:142 Resp: 573593

Ion Ratio Lower Upper

142 100

127 42.2 33.6 50.4

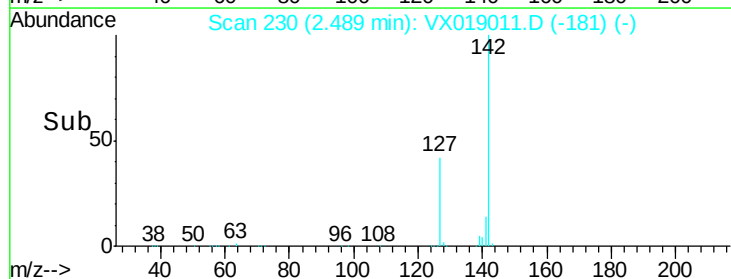
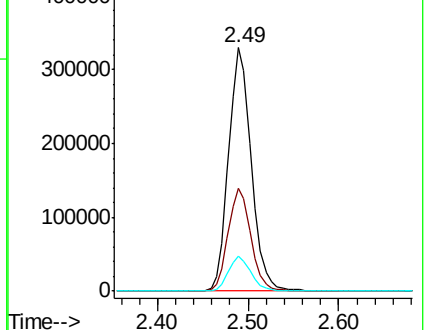
141 14.1 11.2 16.8

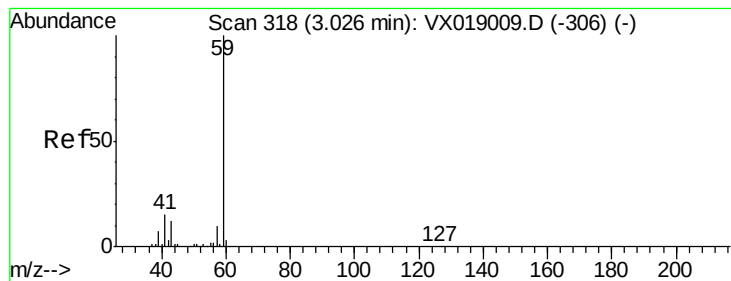


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



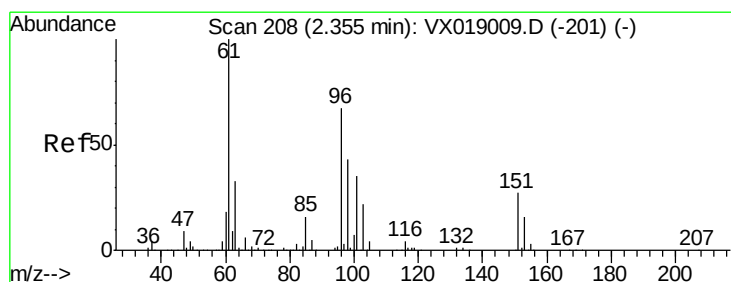
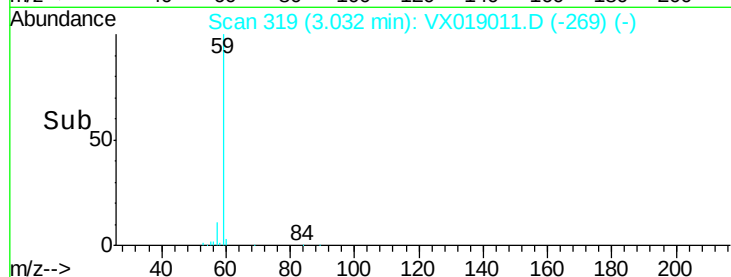
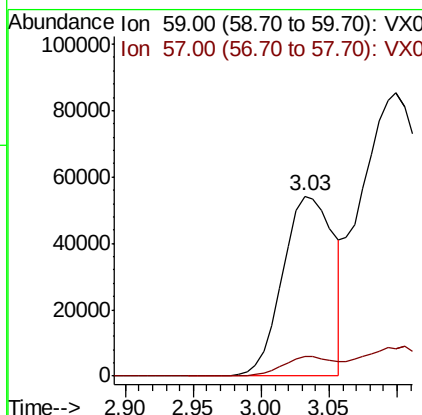
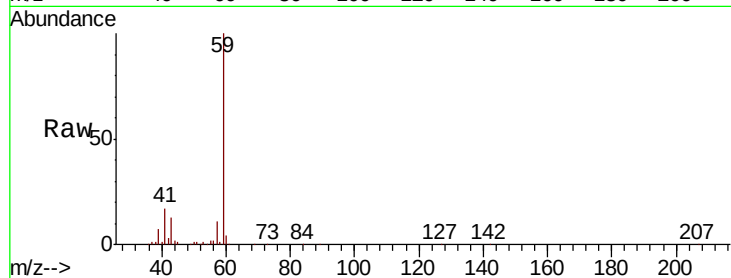


#11

Tert butyl alcohol
Concen: 215.914 ug/l
RT: 3.03 min Scan# 319
Delta R.T. 0.01 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

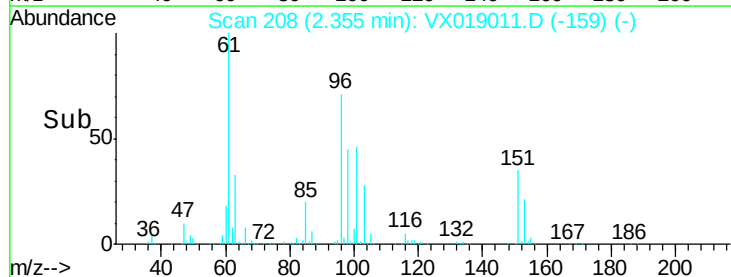
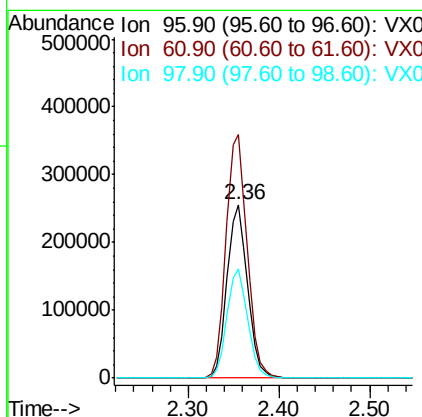
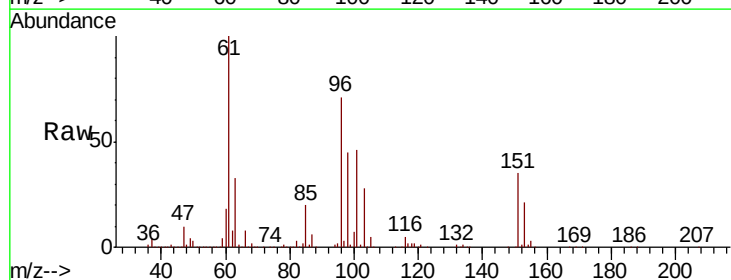
Tot Ion: 59 Resp: 141514
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2

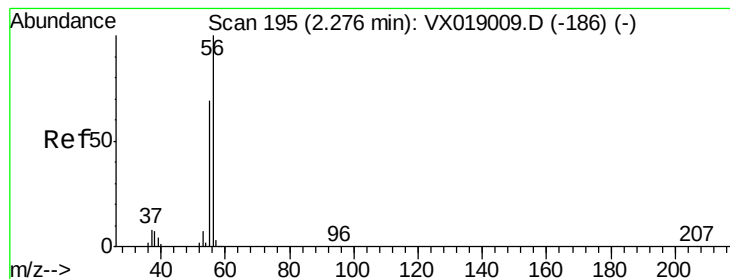


#12

1,1-Dichloroethene
Concen: 152.783 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion: 96 Resp: 401753
Ion Ratio Lower Upper
96 100
61 140.6 119.0 178.6
98 63.0 51.0 76.4





#13

Acrolein

Concen: 763.974 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

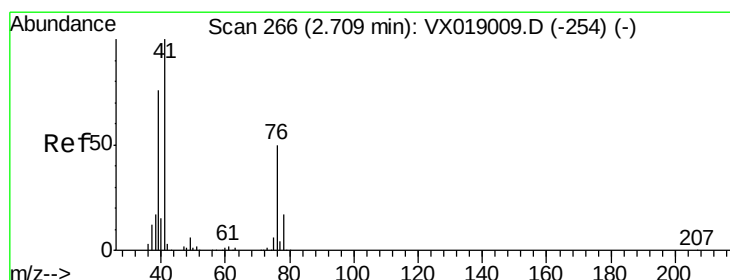
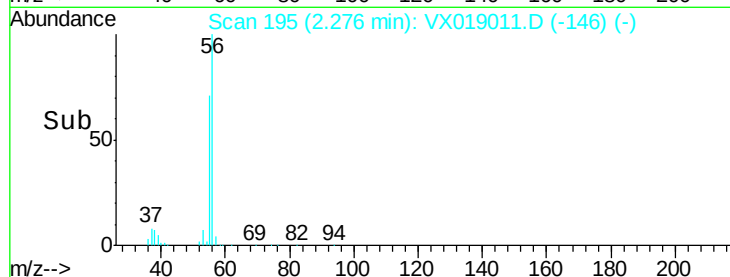
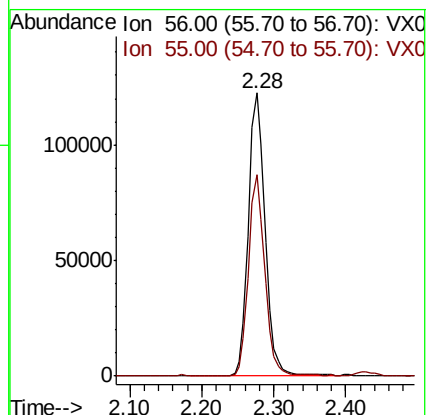
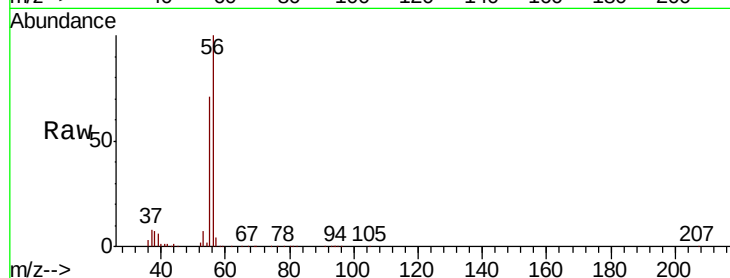
VSTDIC150

Tot Ion: 56 Resp: 196138

Ion Ratio Lower Upper

56 100

55 69.5 54.2 81.4



#14

Allyl chloride

Concen: 152.827 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

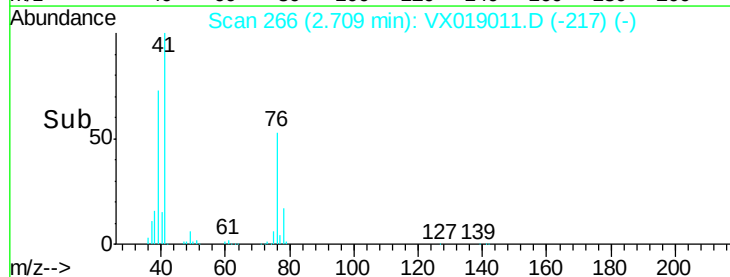
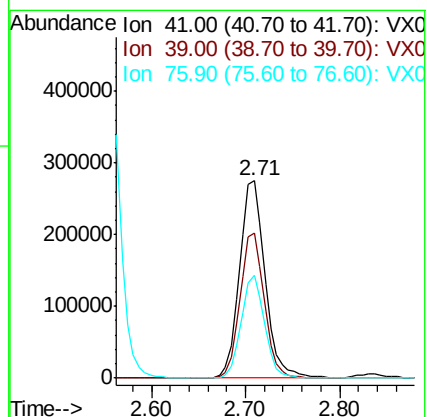
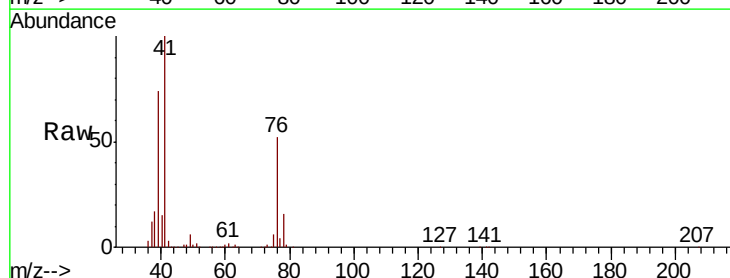
Tgt Ion: 41 Resp: 519880

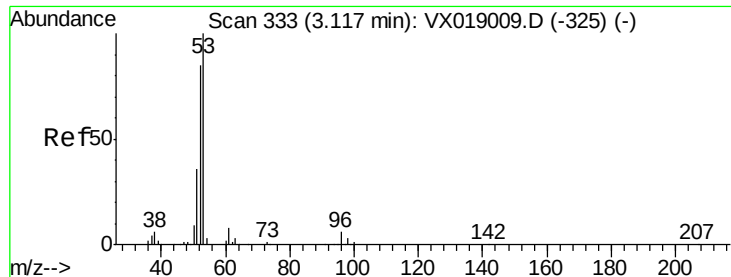
Ion Ratio Lower Upper

41 100

39 69.8 57.4 86.0

76 47.4 37.7 56.5

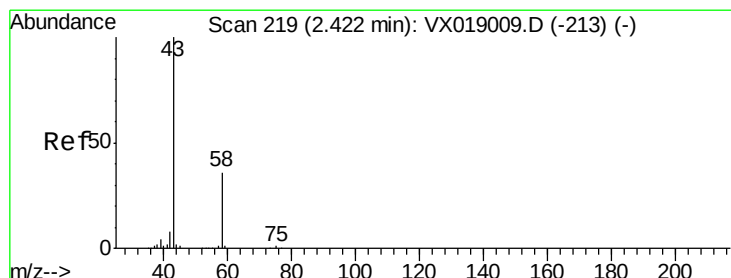
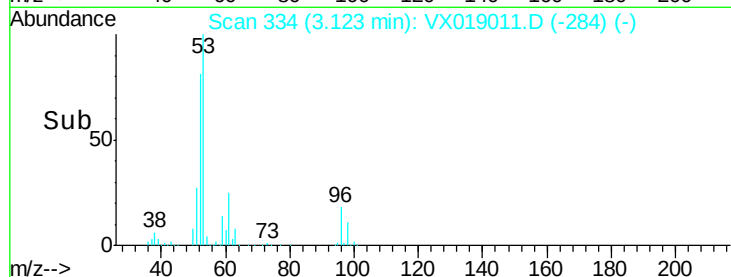
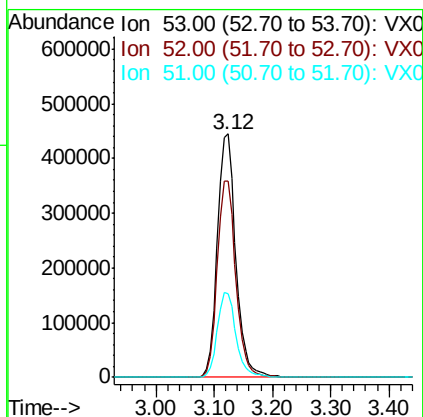
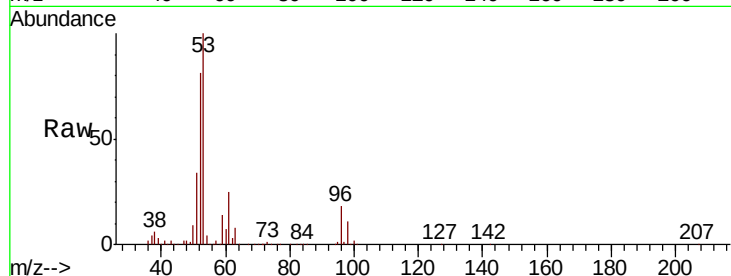




#15
 Acrylonitrile
 Concen: 763.046 ug/l
 RT: 3.12 min Scan# 334
 Delta R.T. 0.01 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

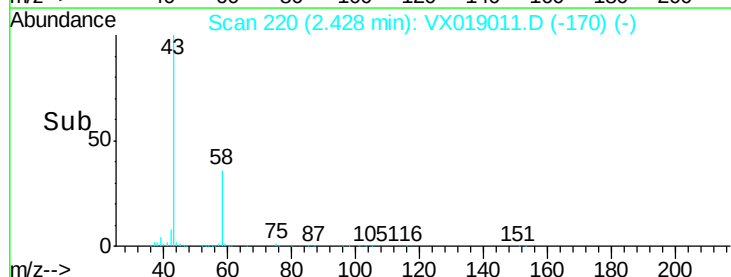
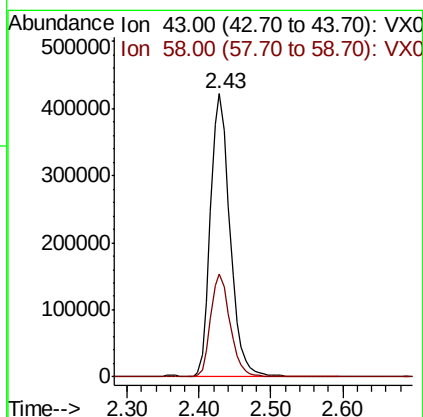
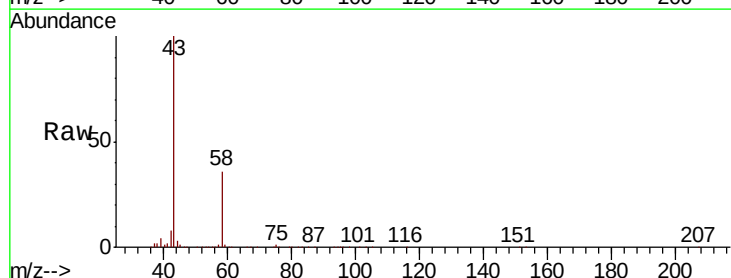
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

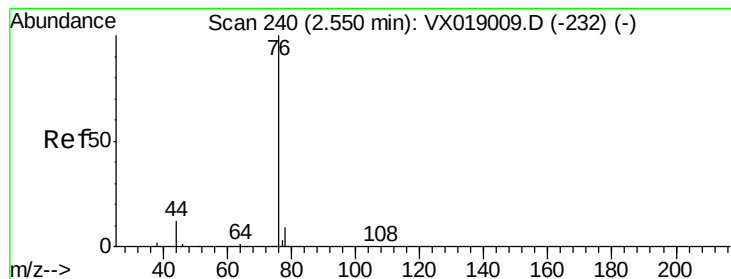
Tot Ion	53	Resp	967097
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.9	98.9
51	35.5	28.3	42.5



#16
 Acetone
 Concen: 718.347 ug/l
 RT: 2.43 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Tgt Ion	43	Resp	791805
Ion	Ratio	Lower	Upper
43	100		
58	36.4	28.6	42.8





#17

Carbon Disulfide

Concen: 149.579 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

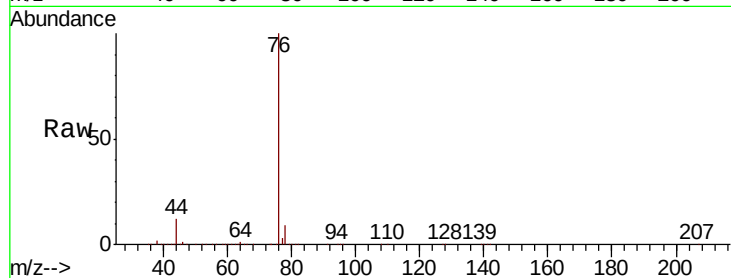
VSTDIC150

Tot Ion: 76 Resp: 1134366

Ion Ratio Lower Upper

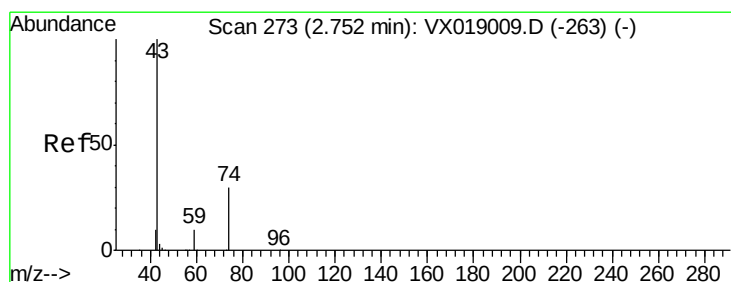
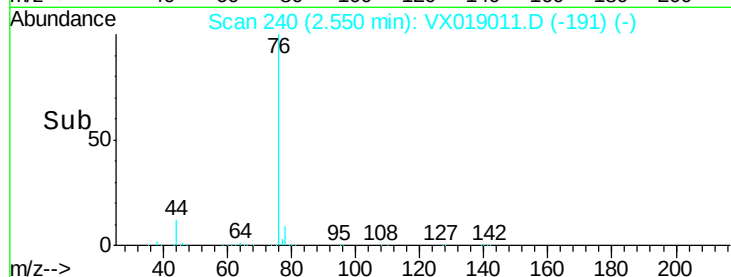
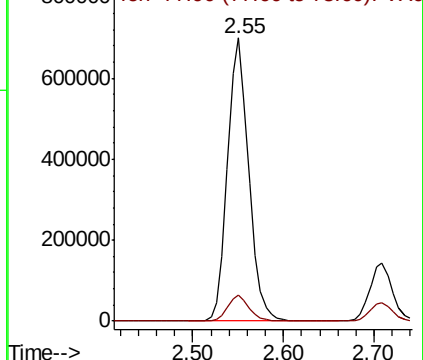
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 154.243 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019011.D

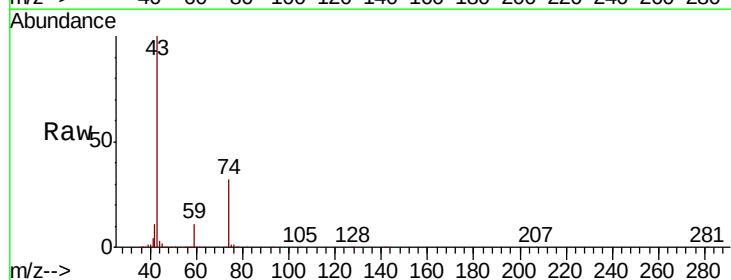
Acq: 21 Oct 2020 19:52

Tgt Ion: 43 Resp: 421892

Ion Ratio Lower Upper

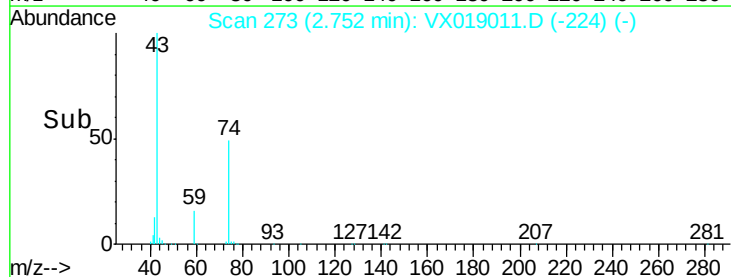
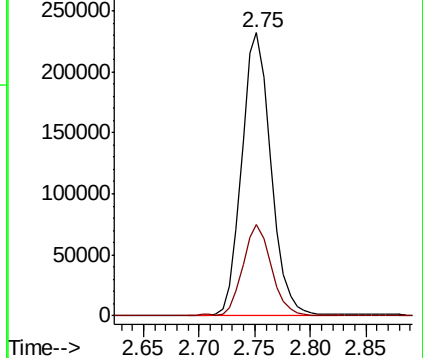
43 100

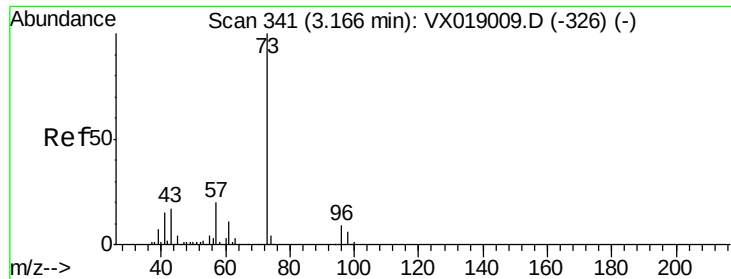
74 31.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

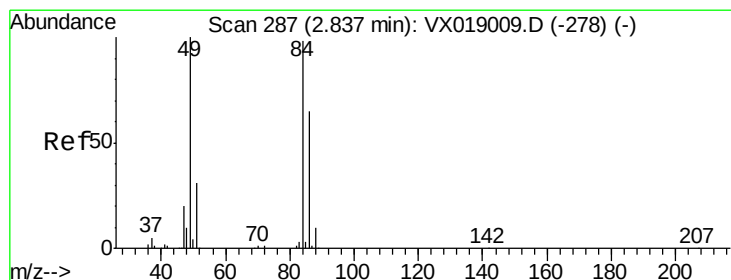
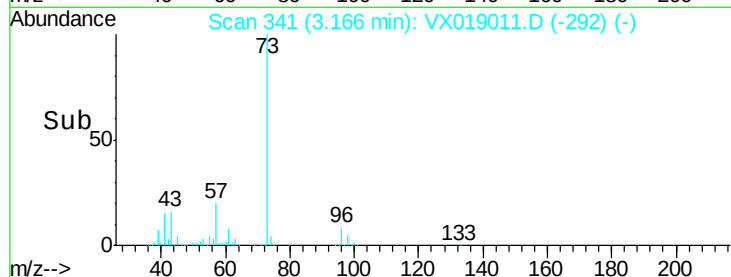
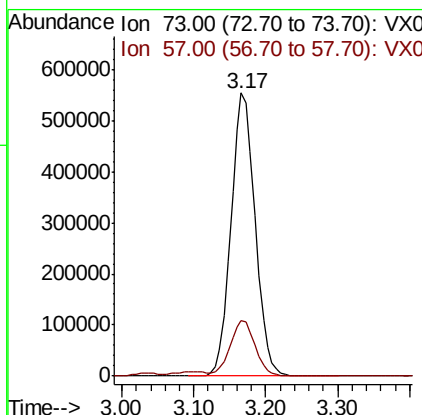
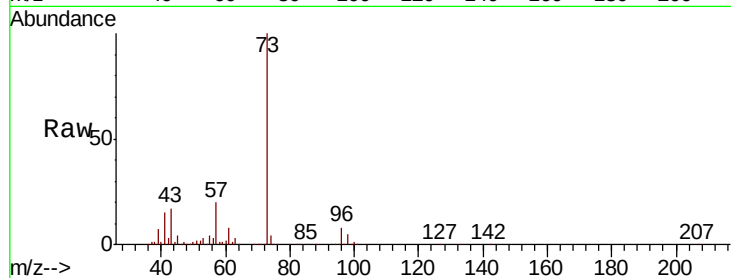




#19
Methyl tert-butyl Ether
Concen: 154.592 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

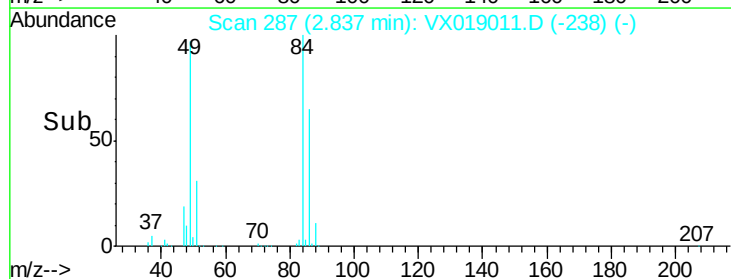
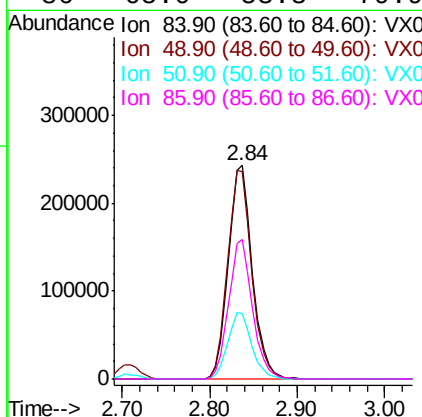
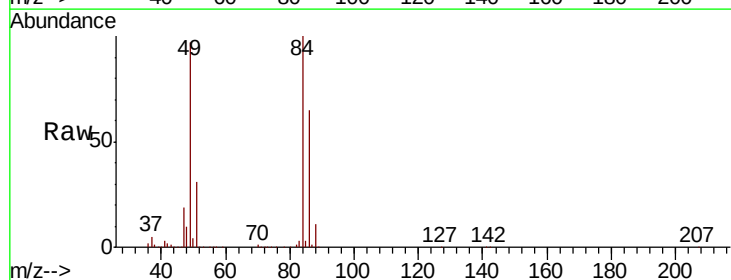
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

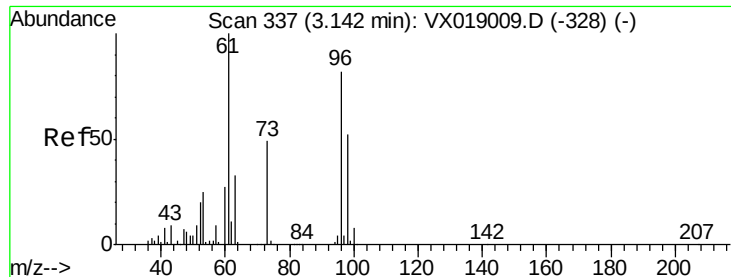
Tot Ion: 73 Resp: 1287679
Ion Ratio Lower Upper
73 100
57 19.6 16.2 24.2



#20
Methylene Chloride
Concen: 150.784 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion: 84 Resp: 462702
Ion Ratio Lower Upper
84 100
49 97.2 81.6 122.4
51 30.9 25.6 38.4
86 65.0 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 153.642 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

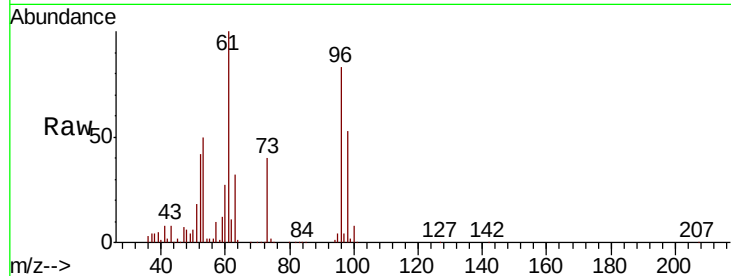
Tot Ion: 96 Resp: 471431

Ion Ratio Lower Upper

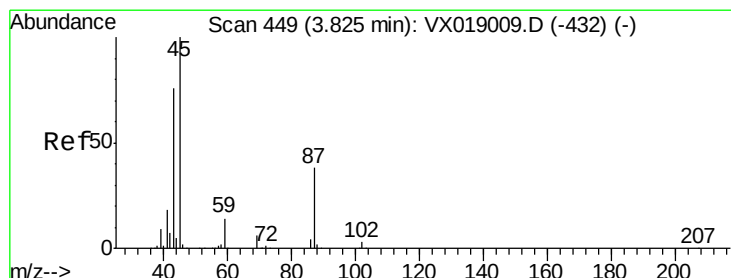
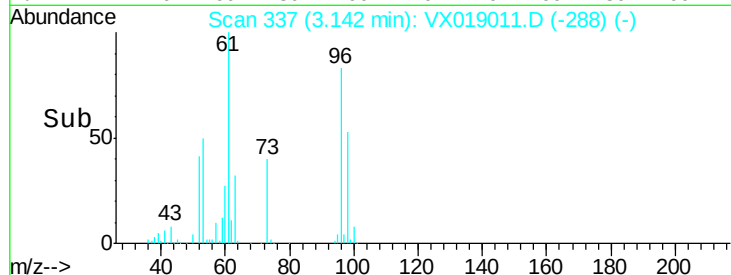
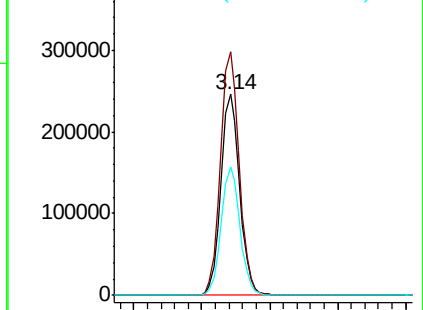
96 100

61 121.0 97.8 146.6

98 64.0 50.7 76.1



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



#22

Diisopropyl ether

Concen: 154.044 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Tgt Ion: 45 Resp: 1033316

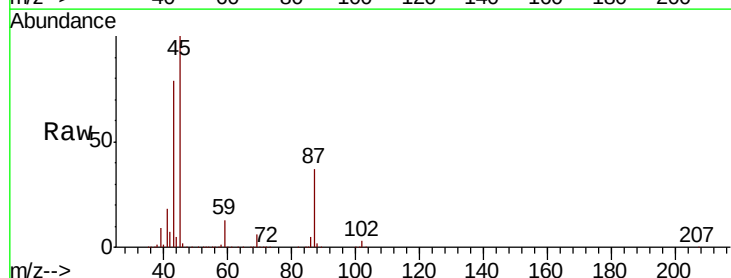
Ion Ratio Lower Upper

45 100

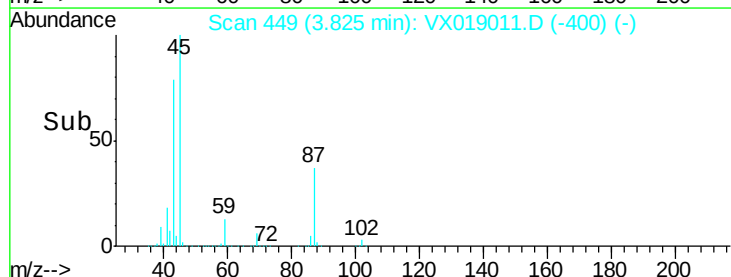
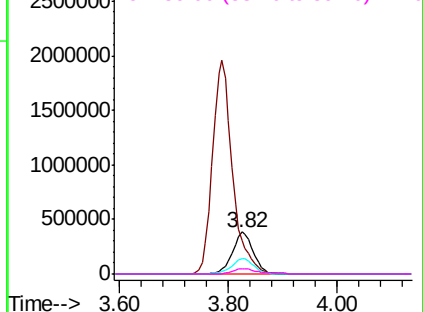
43 79.2 60.4 90.6

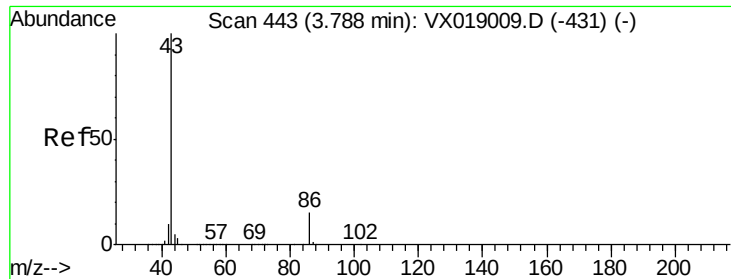
87 37.3 30.4 45.6

59 13.5 11.2 16.8



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: 781.020 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

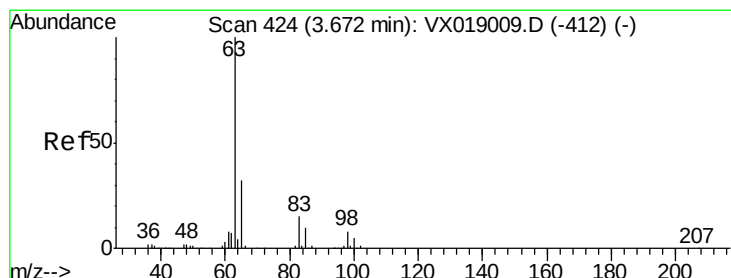
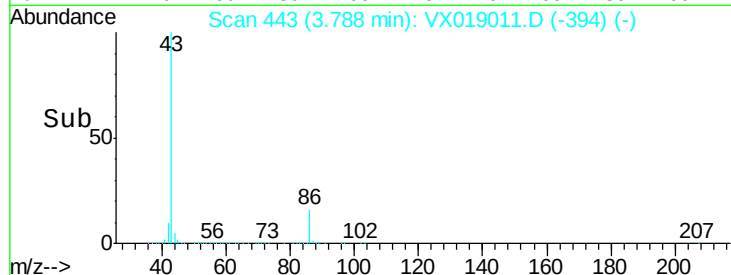
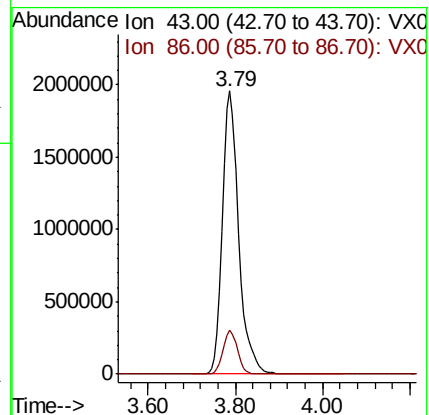
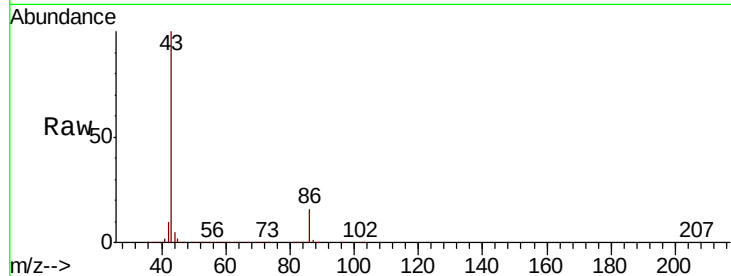
VSTDIC150

Tot Ion: 43 Resp: 4974707

Ion Ratio Lower Upper

43 100

86 15.6 11.7 17.5



#24

1,1-Dichloroethane

Concen: 152.519 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

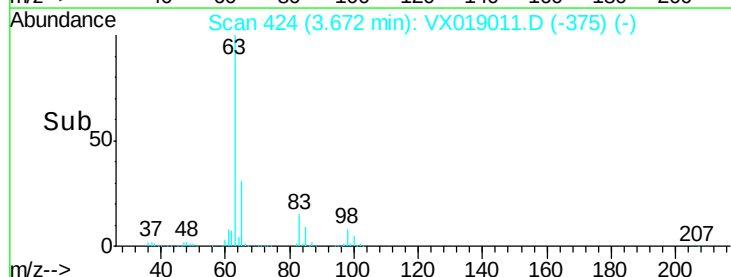
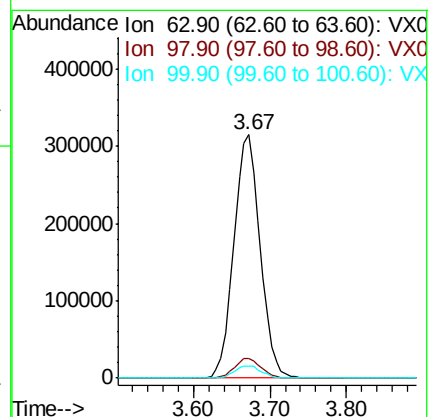
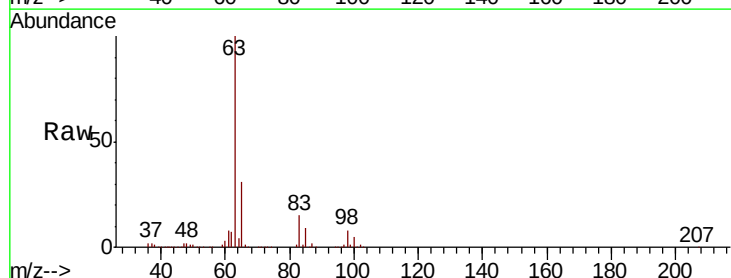
Tgt Ion: 63 Resp: 745068

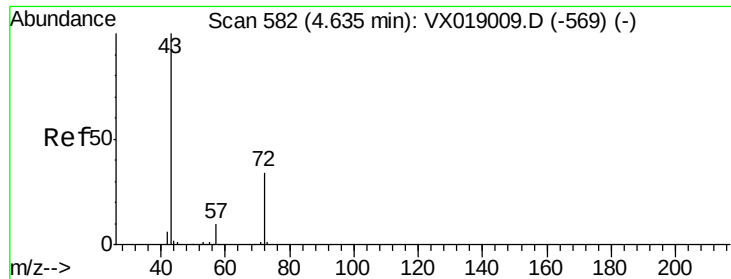
Ion Ratio Lower Upper

63 100

98 8.2 4.0 12.0

100 5.1 2.5 7.4





#25

2-Butanone

Concen: 747.785 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

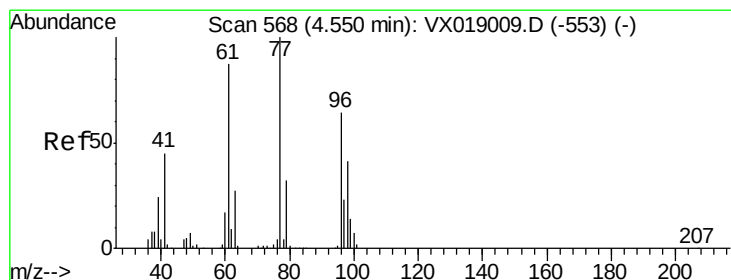
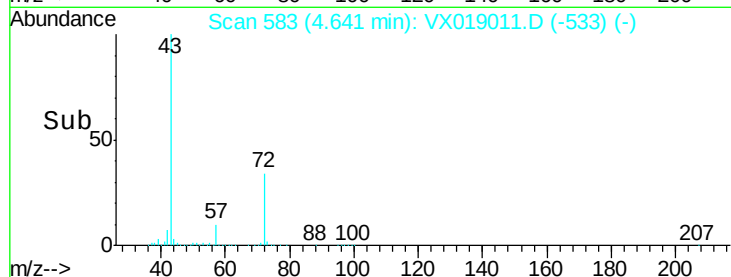
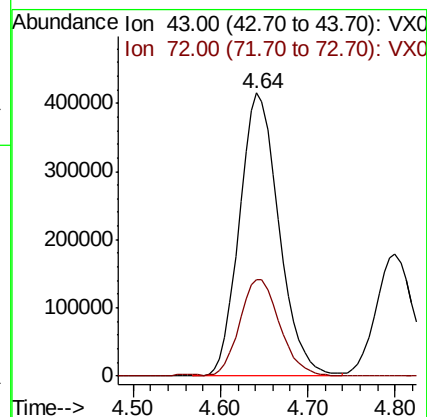
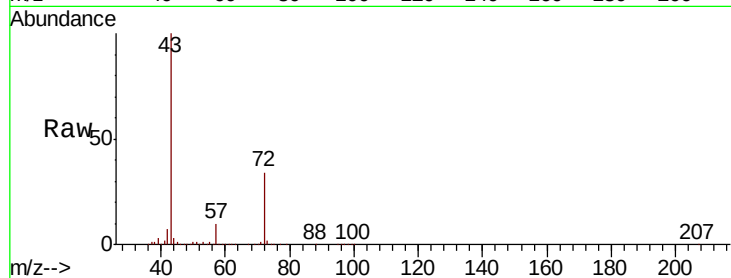
VSTDIC150

Tot Ion: 43 Resp: 1302389

Ion Ratio Lower Upper

43 100

72 33.9 27.8 41.6



#26

2,2-Dichloropropane

Concen: 151.733 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019011.D

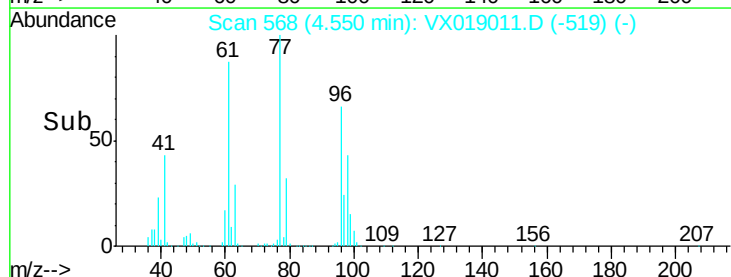
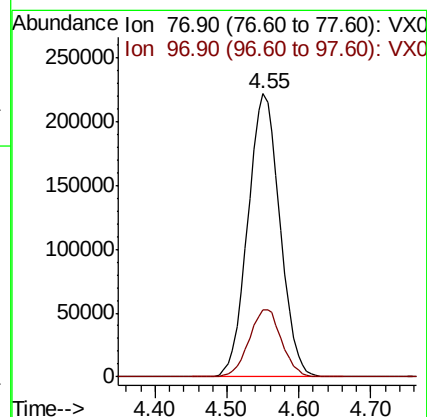
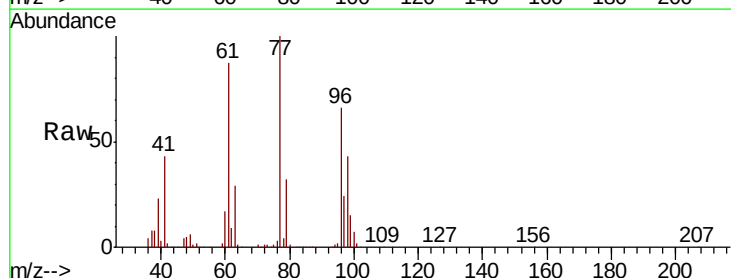
Acq: 21 Oct 2020 19:52

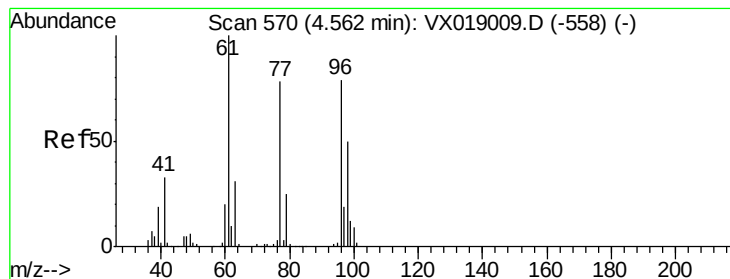
Tgt Ion: 77 Resp: 684382

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.7



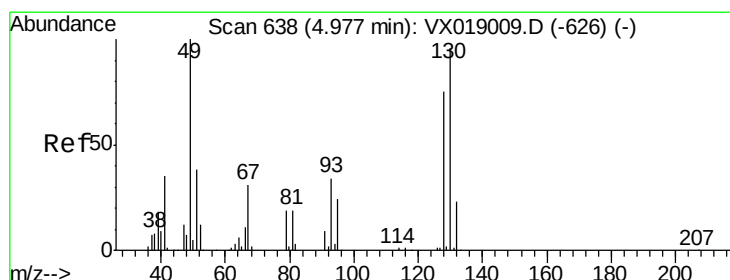
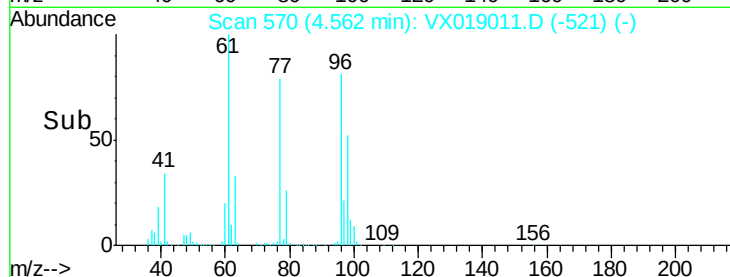
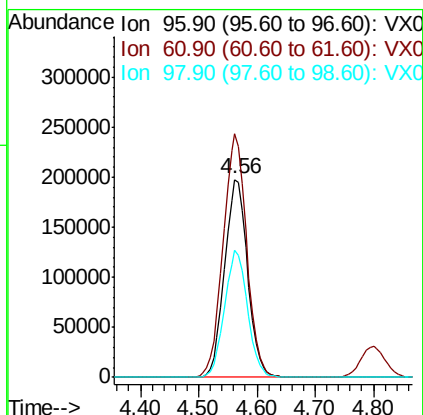
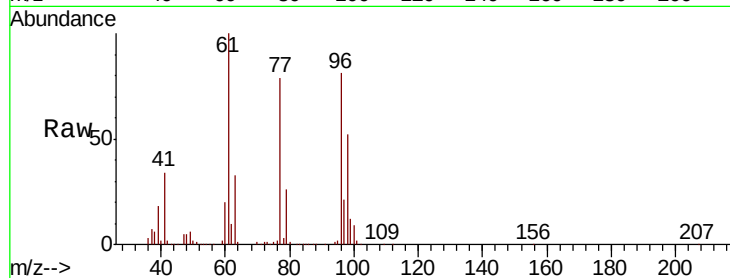


#27

cis-1,2-Dichloroethene
Concen: 155.936 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

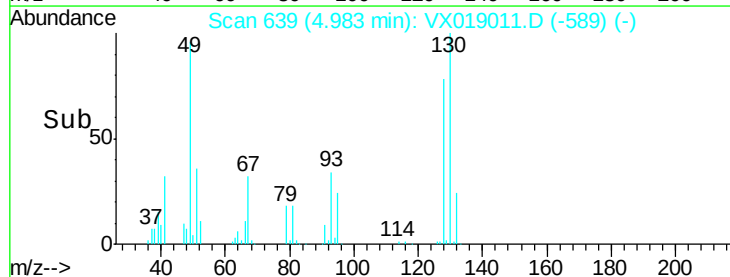
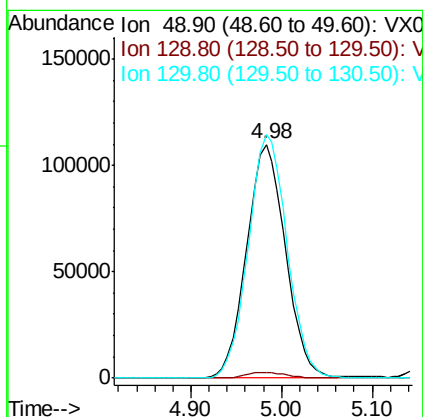
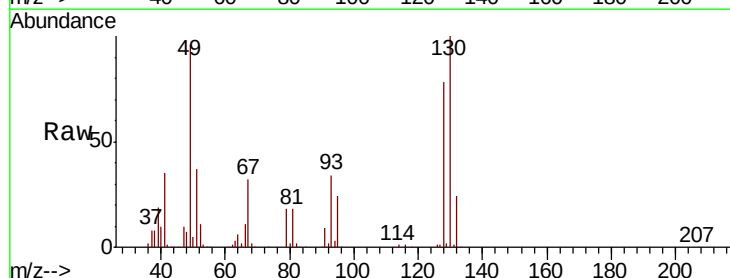
Tot Ion	Ratio	Lower	Upper
96	100		
61	125.8	0.0	260.0
98	64.4	0.0	131.4

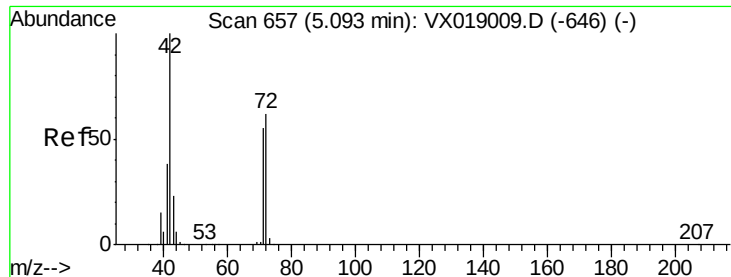


#28

Bromochloromethane
Concen: 157.344 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.2
130	103.9	79.0	118.6

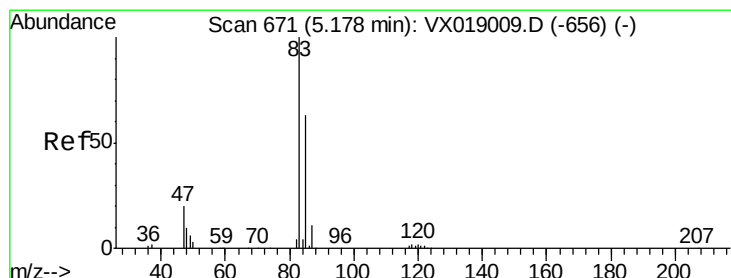
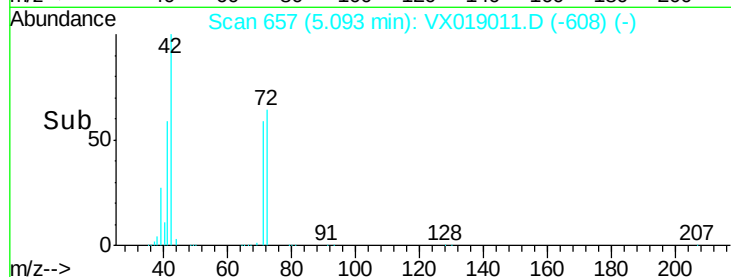
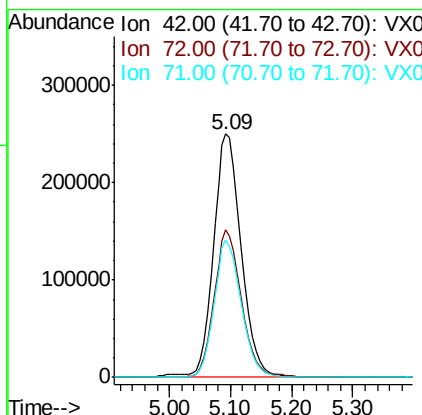
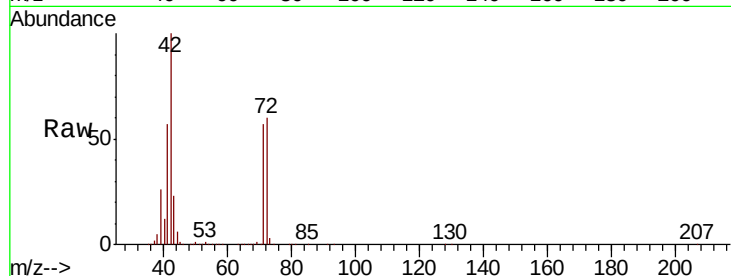




#29
Tetrahydrofuran
Concen: 749.342 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

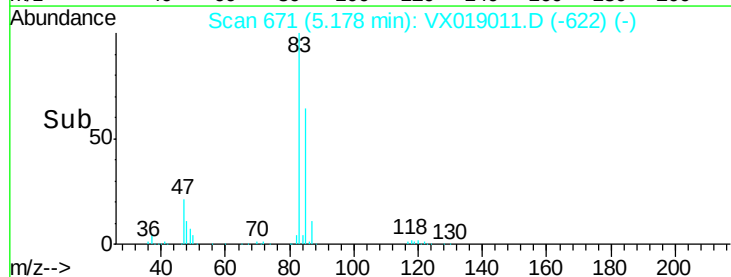
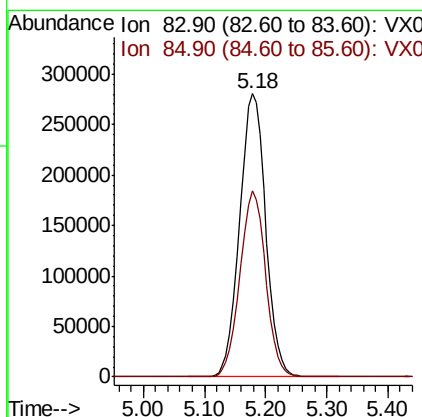
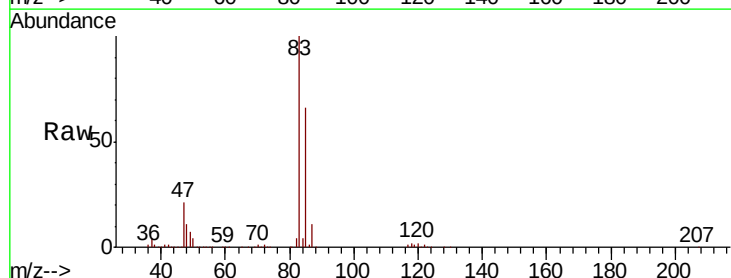
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

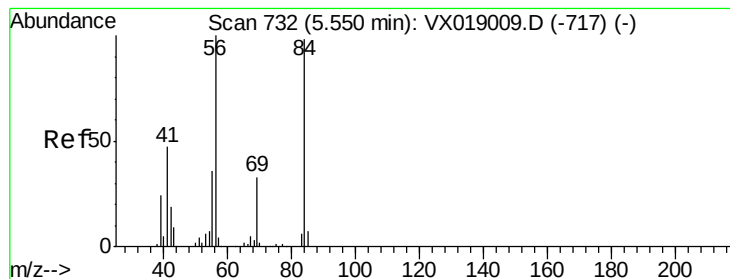
Tot Ion: 42 Resp: 780057
Ion Ratio Lower Upper
42 100
72 60.4 49.1 73.7
71 55.8 44.2 66.4



#30
Chloroform
Concen: 155.890 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion: 83 Resp: 826782
Ion Ratio Lower Upper
83 100
85 65.5 50.5 75.7





#31

Cyclohexane

Concen: 150.710 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

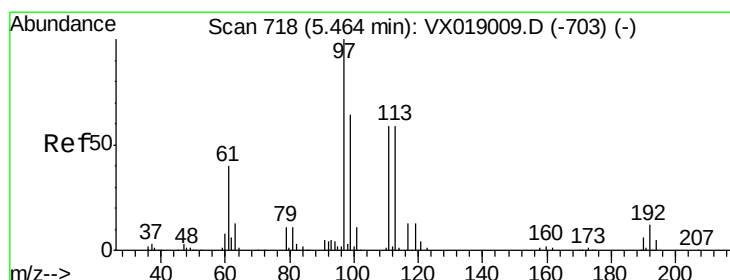
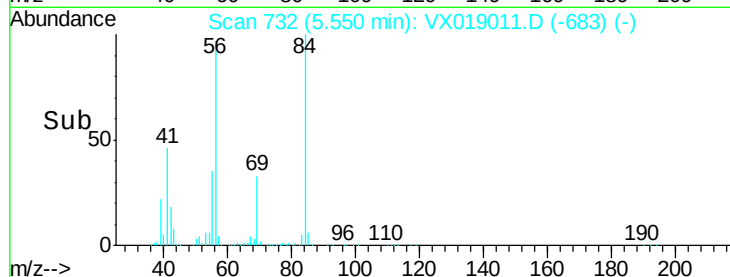
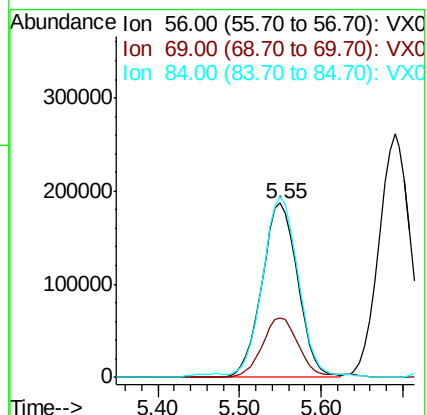
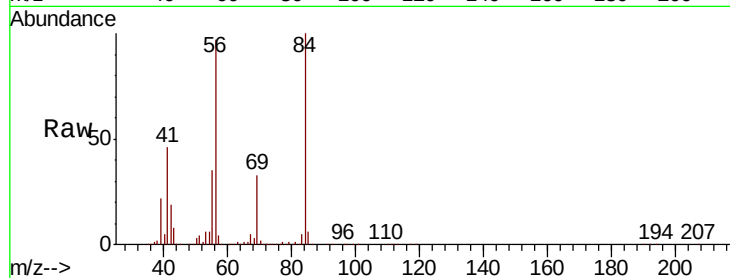
Tot Ion: 56 Resp: 571138

Ion Ratio Lower Upper

56 100

69 33.8 26.2 39.2

84 102.6 78.3 117.5



#32

1,1,1-Trichloroethane

Concen: 157.959 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

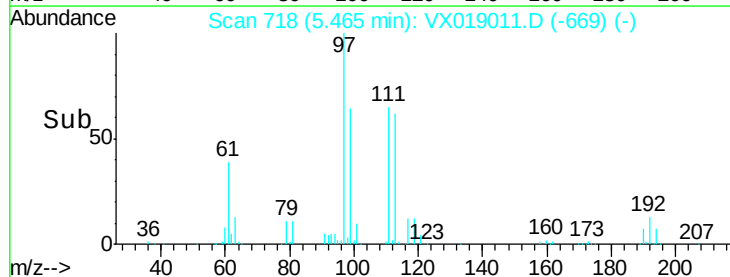
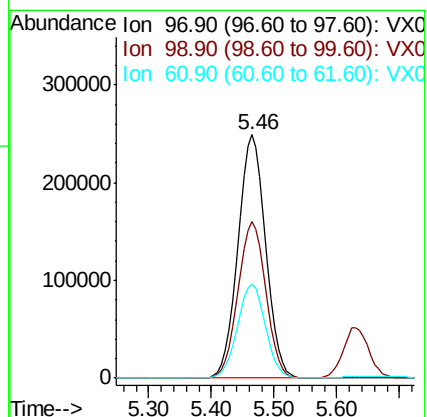
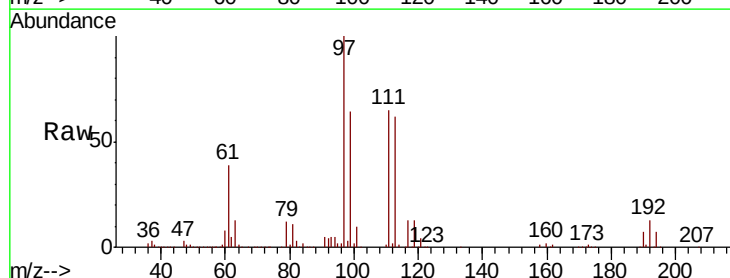
Tgt Ion: 97 Resp: 759808

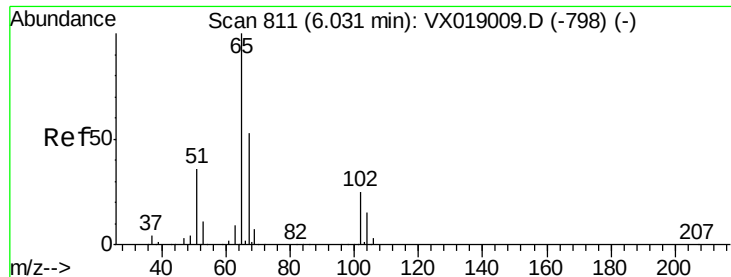
Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 39.2 31.9 47.9

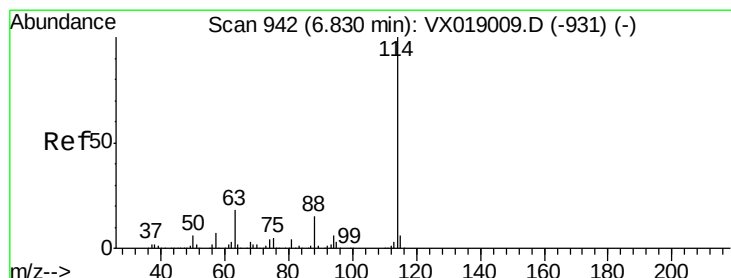
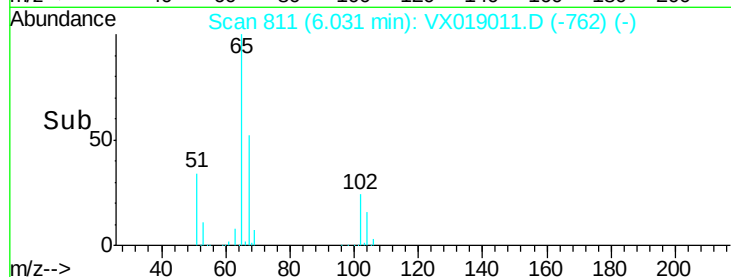
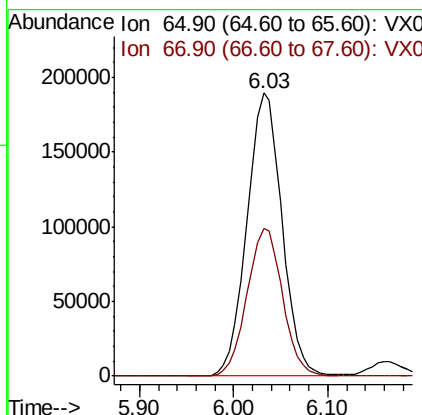
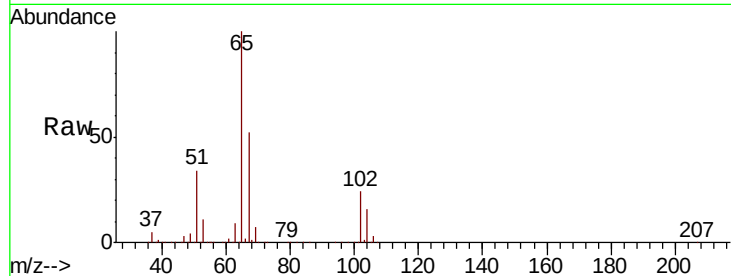




#33
 1,2-Dichloroethane-d4
 Concen: 153.203 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

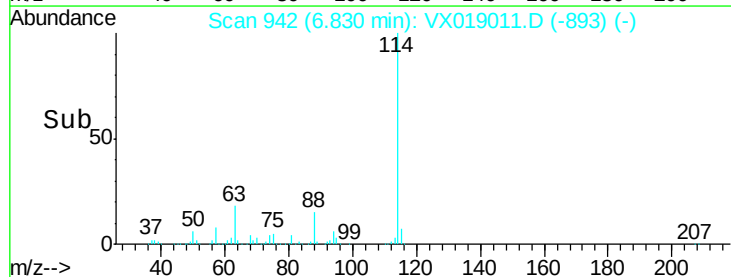
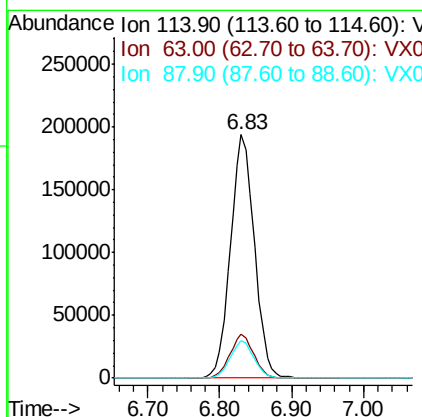
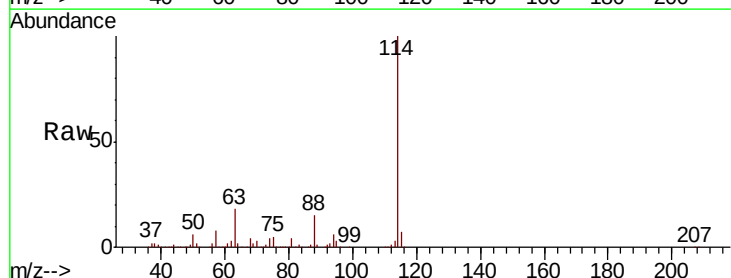
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

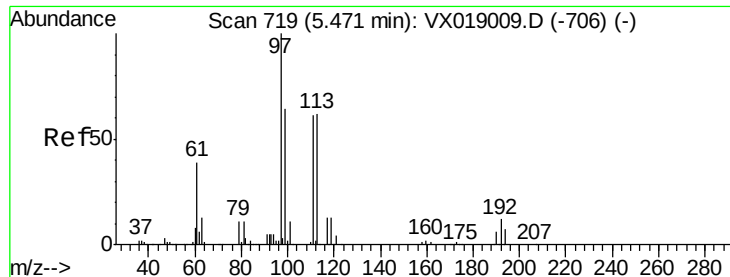
Tot Ion: 65 Resp: 495782
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Tgt Ion: 114 Resp: 447721
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.8
 88 15.4 0.0 30.2

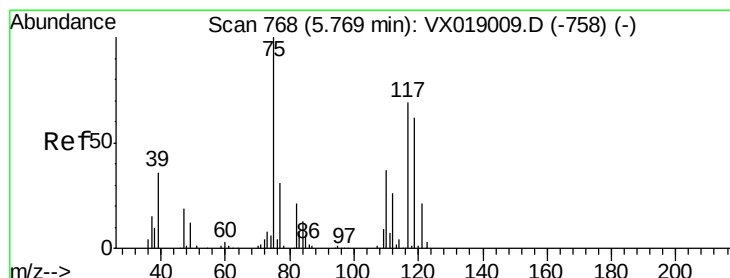
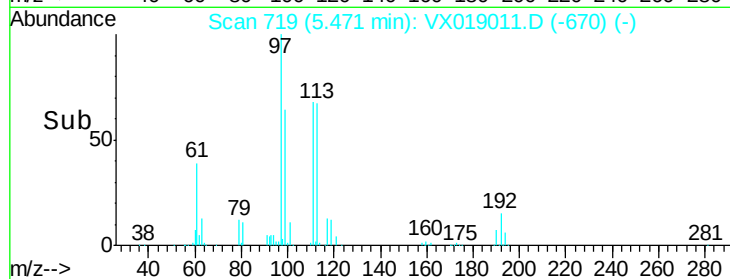
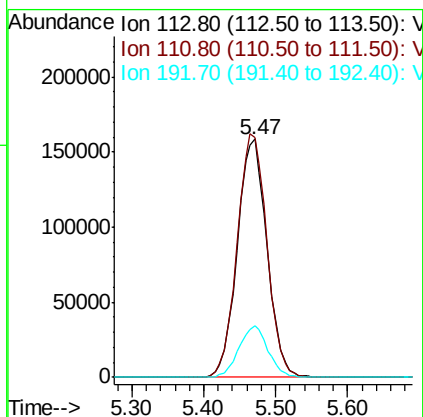
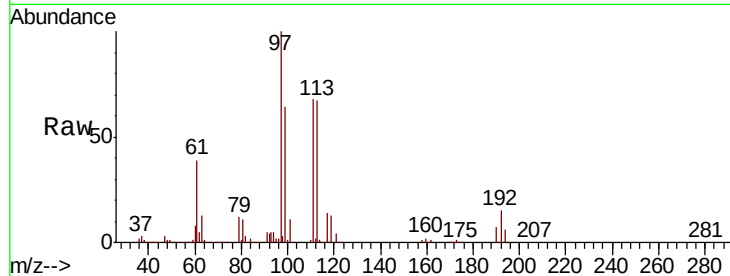




#35
Dibromofluoromethane
Concen: 159.833 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

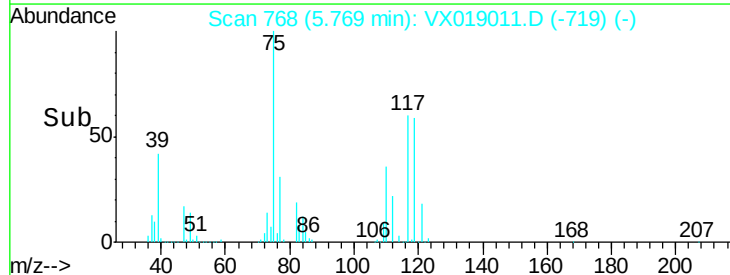
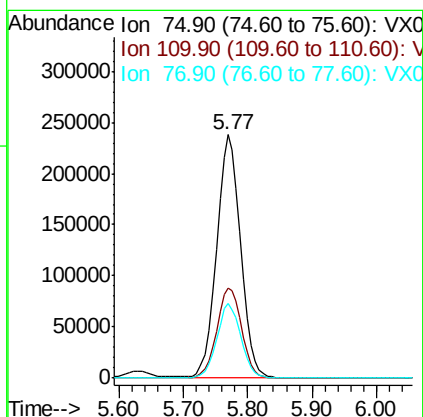
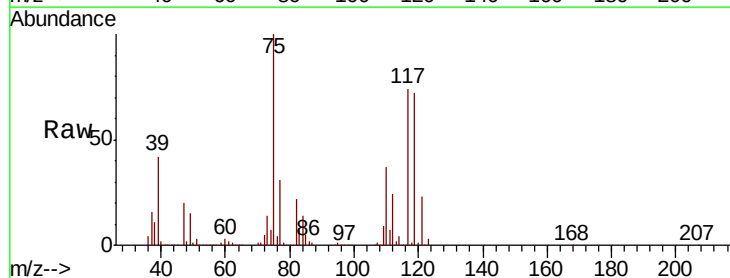
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

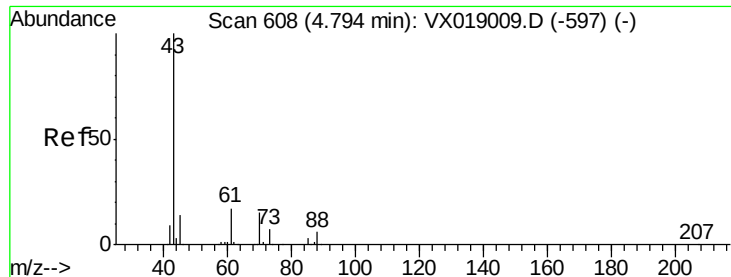
Tot Ion:113 Resp: 453074
Ion Ratio Lower Upper
113 100
111 102.6 81.5 122.3
192 21.2 16.3 24.5



#36
1,1-Dichloropropene
Concen: 154.508 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion: 75 Resp: 620720
Ion Ratio Lower Upper
75 100
110 38.5 19.4 58.2
77 30.9 25.2 37.8

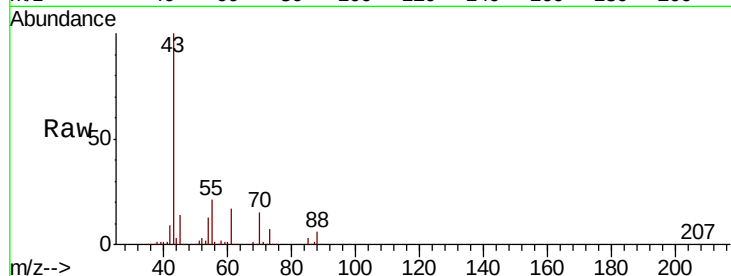




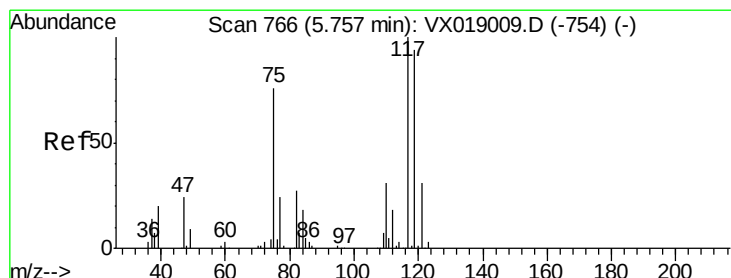
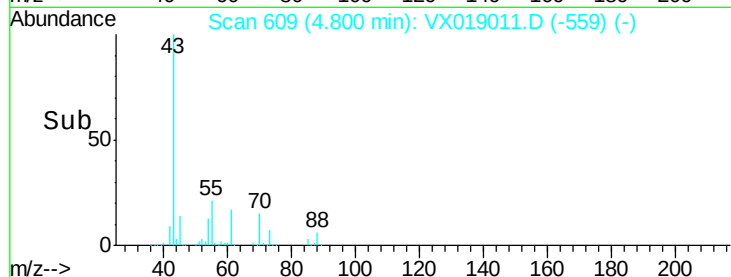
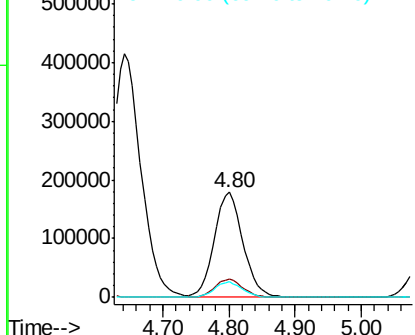
#37
Ethyl Acetate
Concen: 156.754 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion: 43 Resp: 537494
Ion Ratio Lower Upper
43 100
61 16.8 13.8 20.8
70 14.2 11.4 17.2

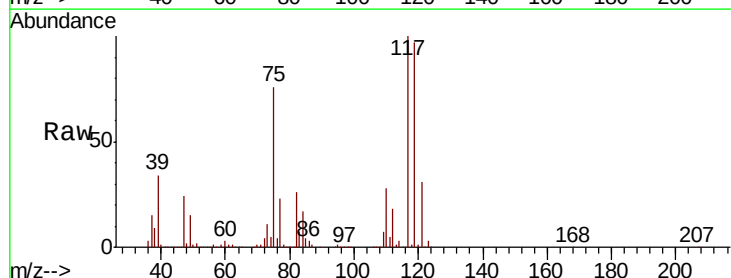


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

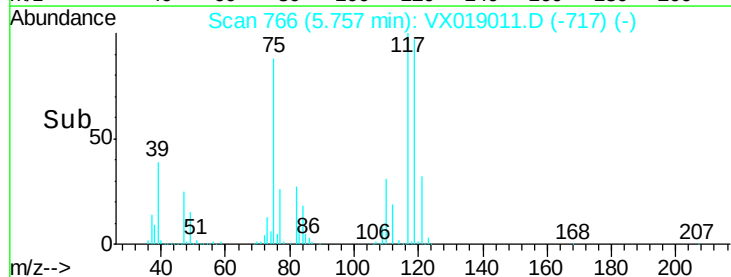
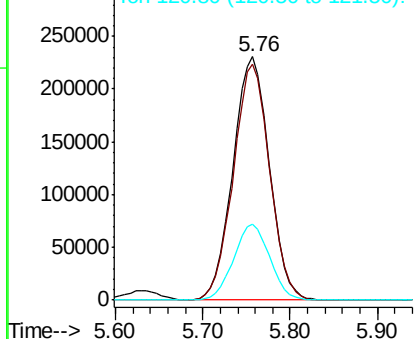


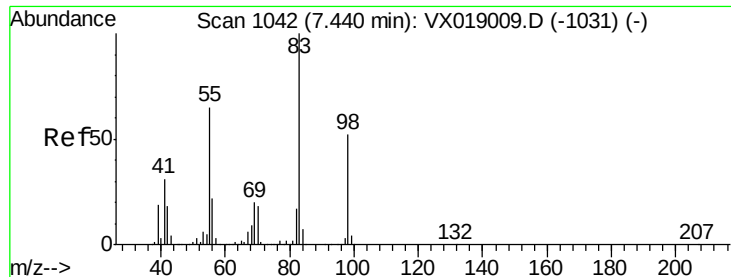
#38
Carbon Tetrachloride
Concen: 157.812 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion: 117 Resp: 665447
Ion Ratio Lower Upper
117 100
119 96.7 75.4 113.0
121 31.1 25.0 37.6



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

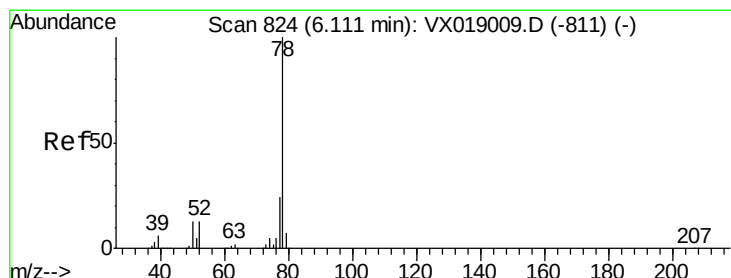
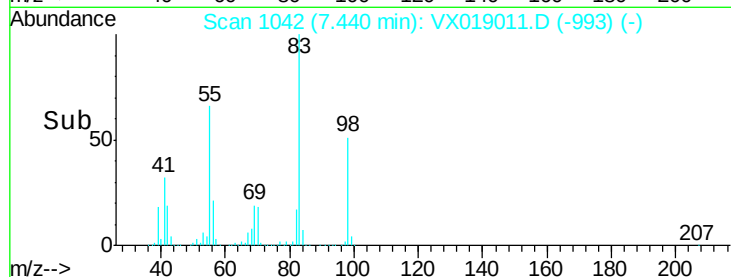
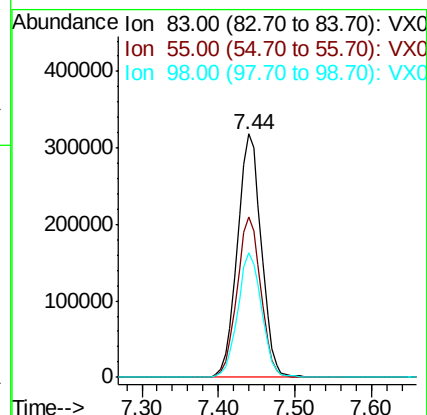
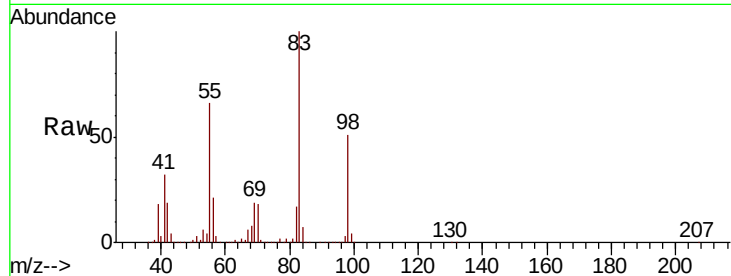




#39
Methylvlcyclohexane
Concen: 153.080 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

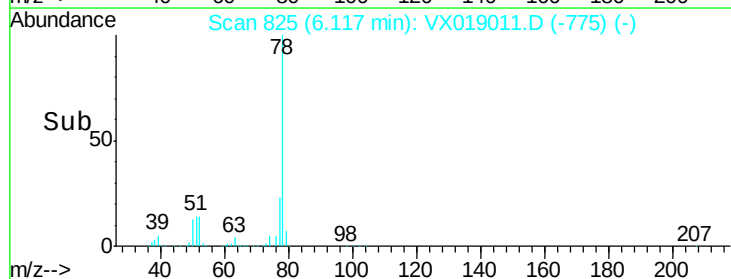
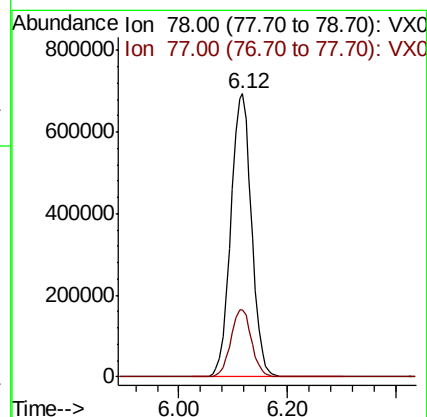
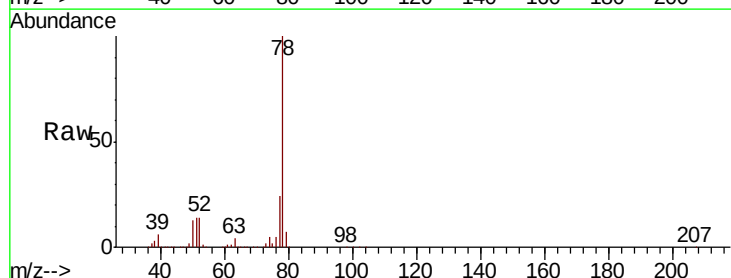
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

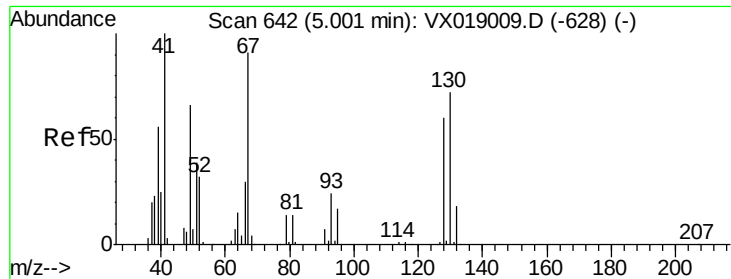
Tot Ion: 83 Resp: 688996
Ion Ratio Lower Upper
83 100
55 65.8 51.8 77.6
98 51.3 41.4 62.2



#40
Benzene
Concen: 155.054 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion: 78 Resp: 1834547
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





#41

Methacrylonitrile

Concen: 154.249 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 284110

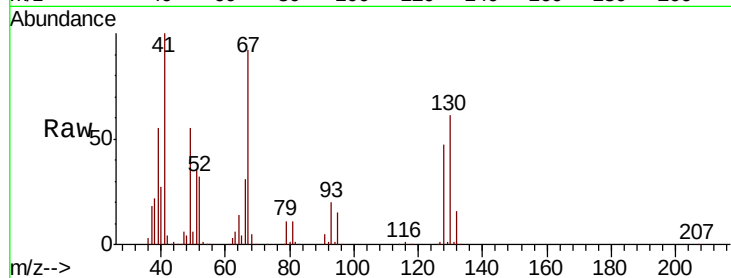
Ion Ratio Lower Upper

41 100

39 54.5 44.6 67.0

67 94.5 76.1 114.1

52 33.8 28.3 42.5

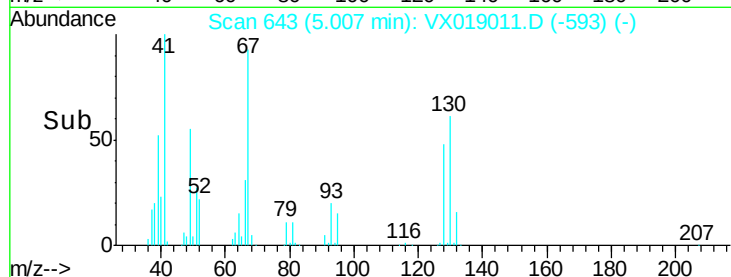


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

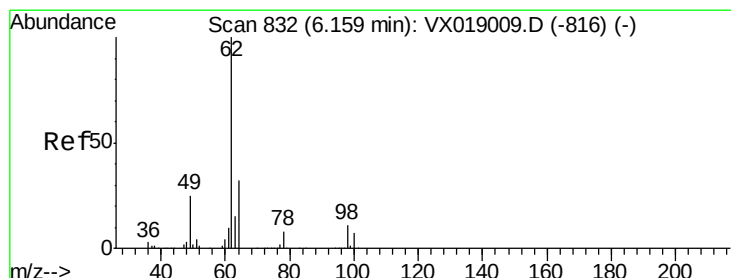
Ion 52.00 (51.70 to 52.70): VX0



Abundance

5.01

Time-->



#42

1,2-Dichloroethane

Concen: 153.281 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX019011.D

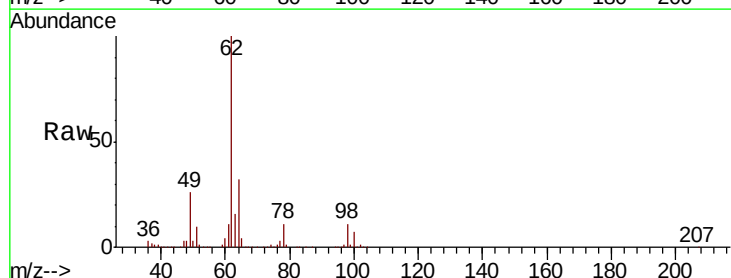
Acq: 21 Oct 2020 19:52

Tgt Ion: 62 Resp: 618923

Ion Ratio Lower Upper

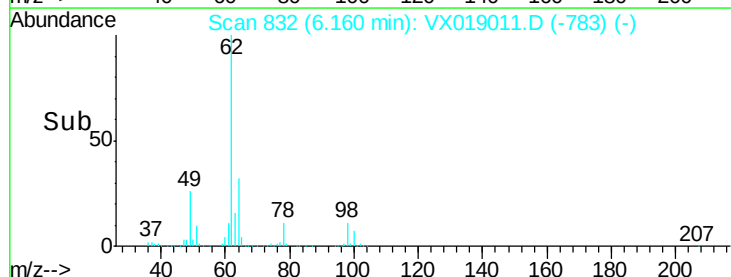
62 100

98 10.9 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

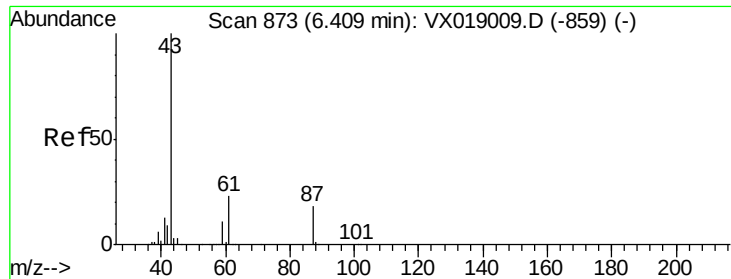
Ion 97.90 (97.60 to 98.60): VX0



Abundance

6.16

Time-->



#43

Isopropyl Acetate

Concen: 156.196 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

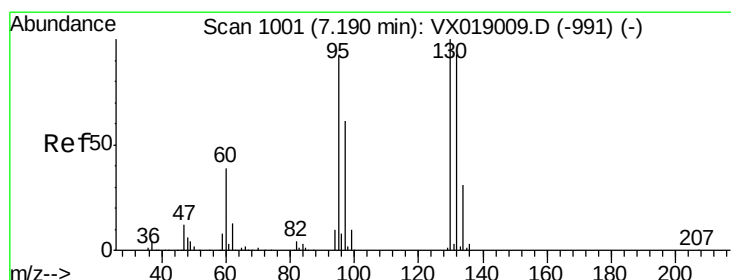
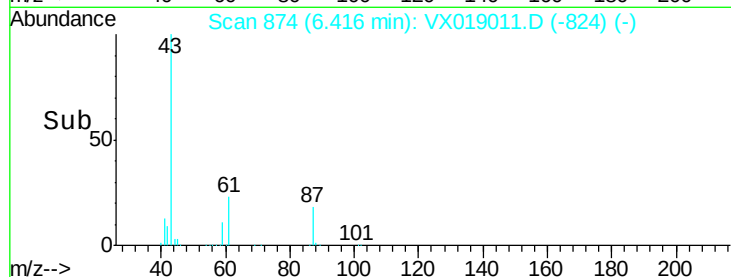
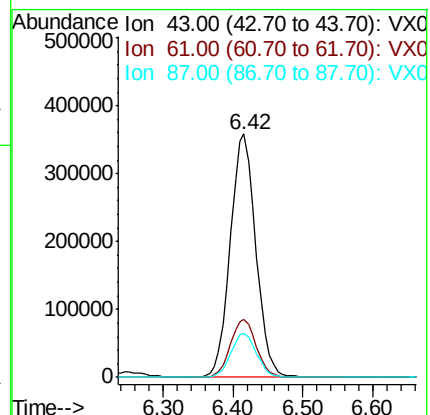
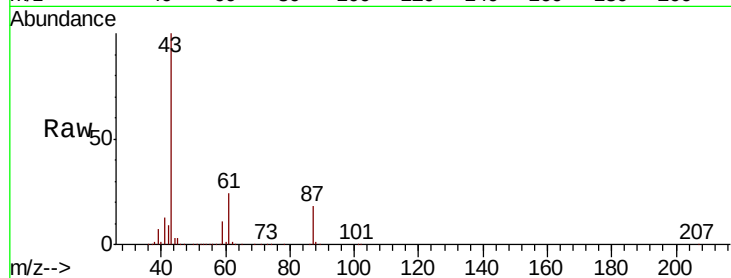
Tot Ion: 43 Resp: 907061

Ion Ratio Lower Upper

43 100

61 24.1 18.7 28.1

87 18.3 14.2 21.4



#44

Trichloroethene

Concen: 158.178 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX019011.D

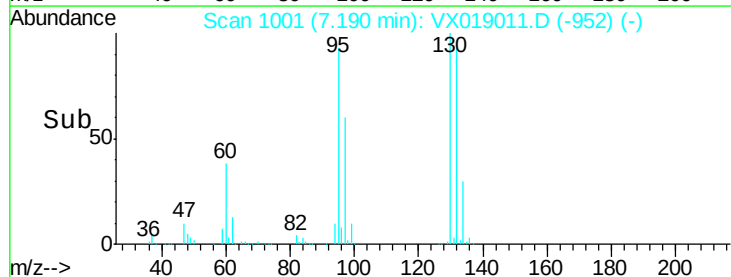
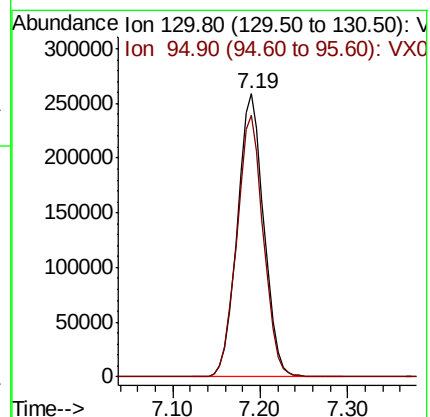
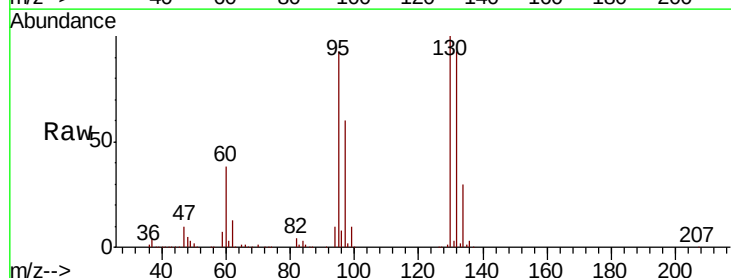
Acq: 21 Oct 2020 19:52

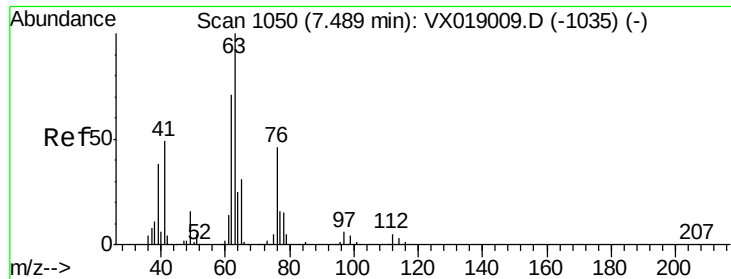
Tgt Ion:130 Resp: 545786

Ion Ratio Lower Upper

130 100

95 92.6 0.0 184.2

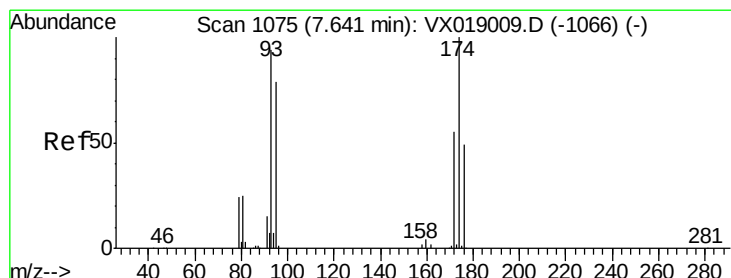
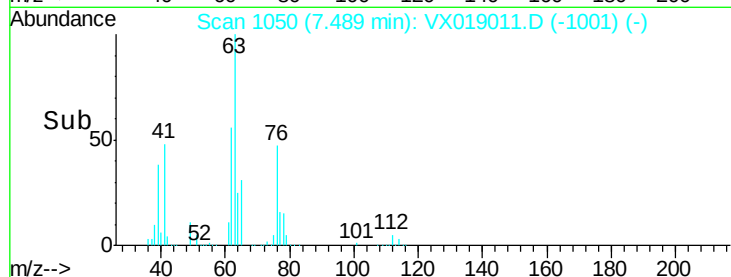
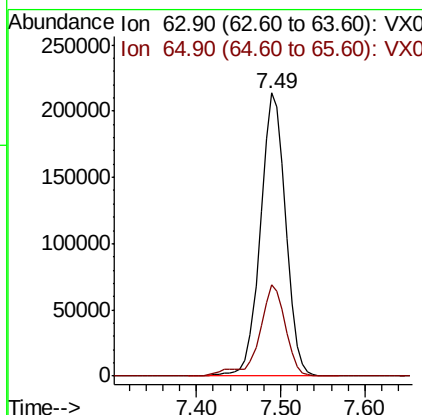
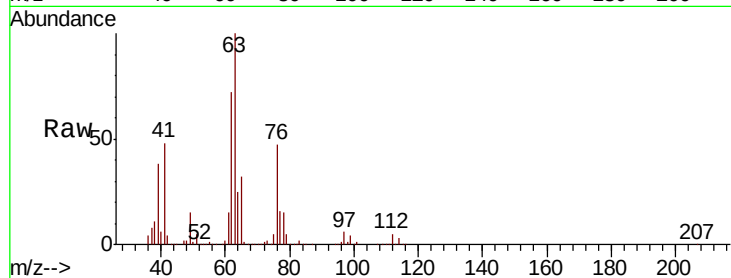




#45
 1,2-Dichloropropane
 Concen: 155.364 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

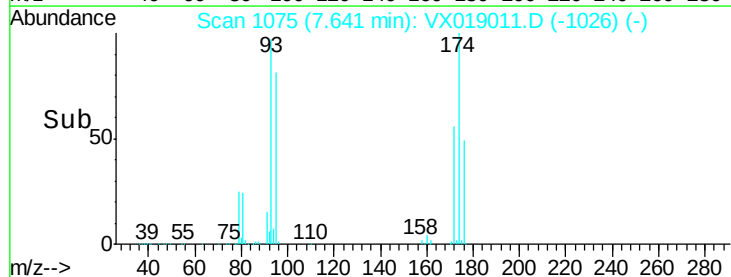
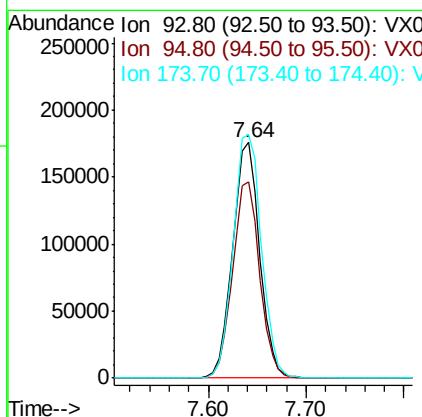
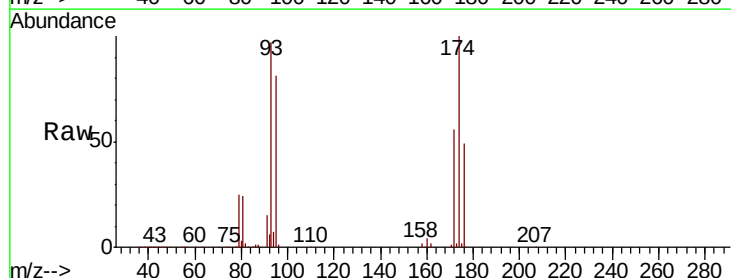
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

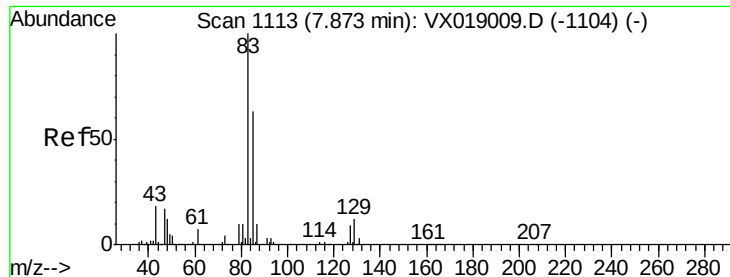
Tot Ion: 63 Resp: 440932
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.9 37.3



#46
 Dibromomethane
 Concen: 155.542 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Tgt Ion: 93 Resp: 336219
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.8 100.2
 174 108.5 83.8 125.8





#47

Bromodichloromethane

Concen: 161.452 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

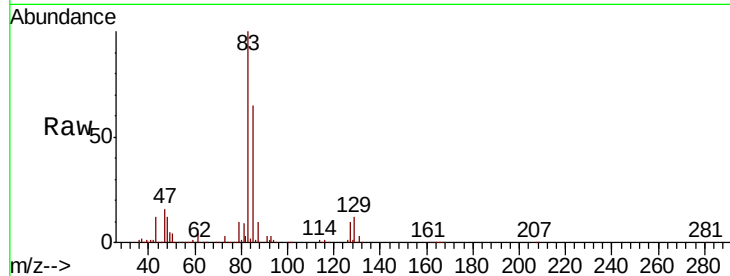
Tot Ion: 83 Resp: 684278

Ion Ratio Lower Upper

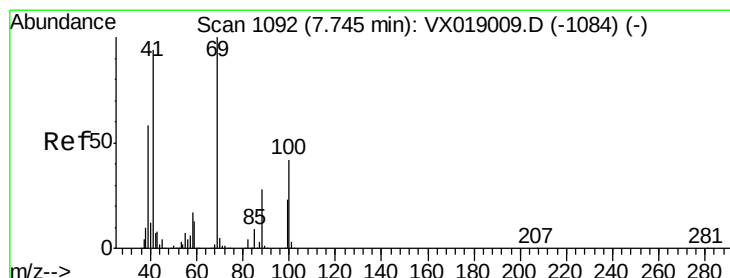
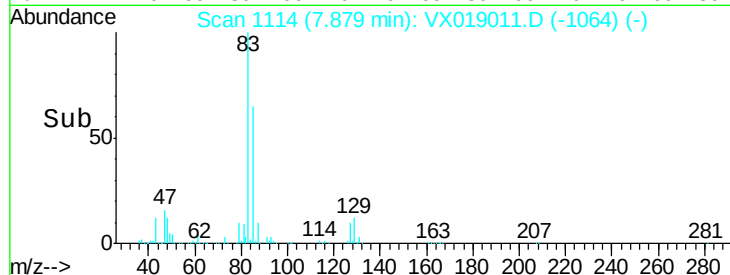
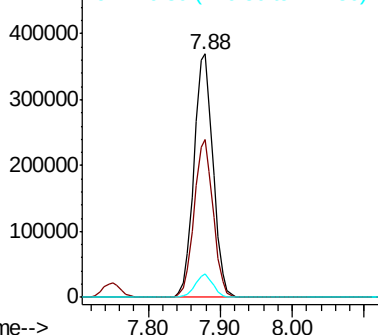
83 100

85 65.0 50.7 76.1

127 9.6 6.8 10.2



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



#48

Methyl methacrylate

Concen: 150.732 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

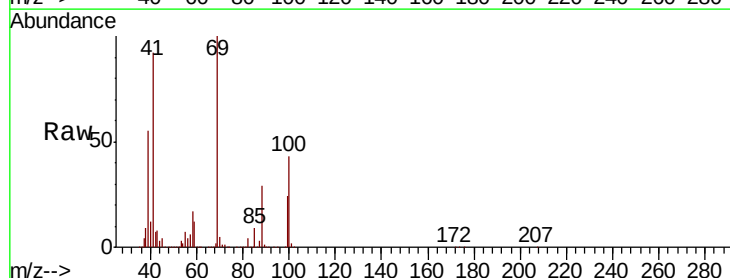
Tgt Ion: 41 Resp: 431301

Ion Ratio Lower Upper

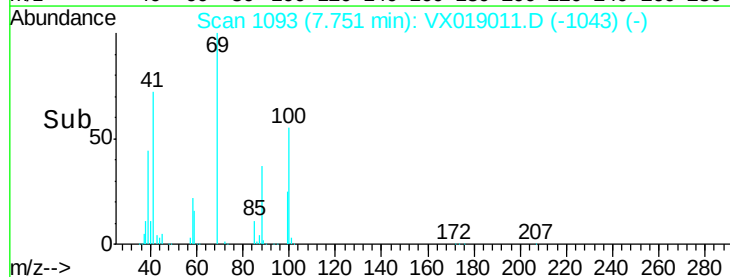
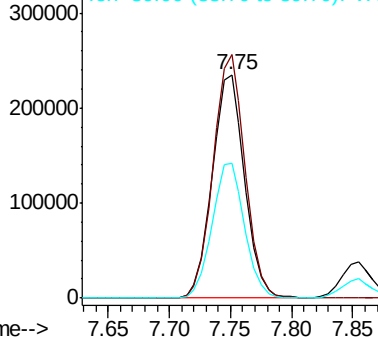
41 100

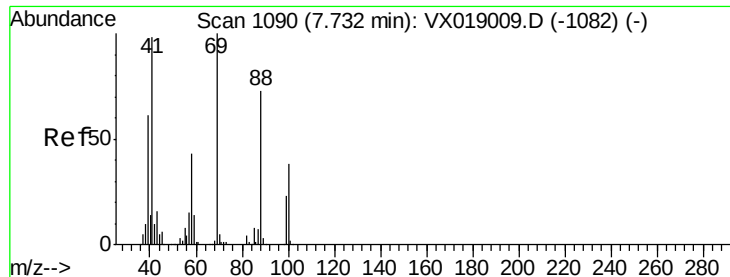
69 107.5 85.5 128.3

39 60.5 49.3 73.9



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: 2976.356 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

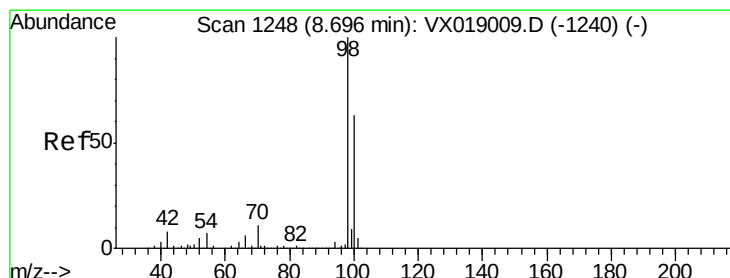
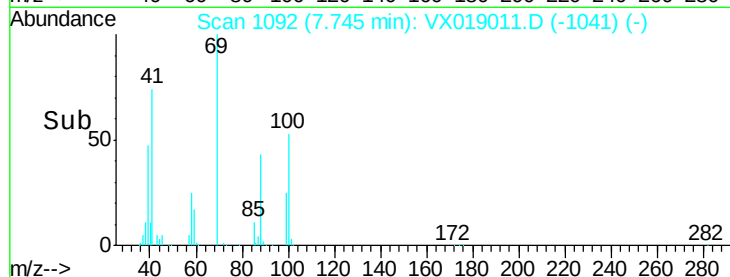
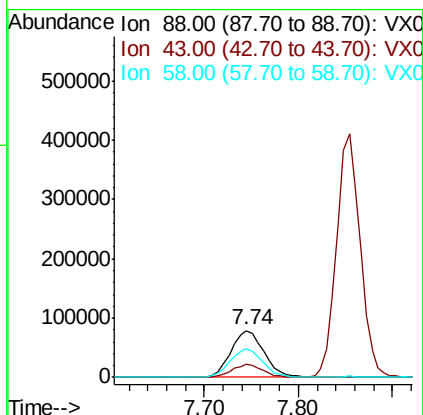
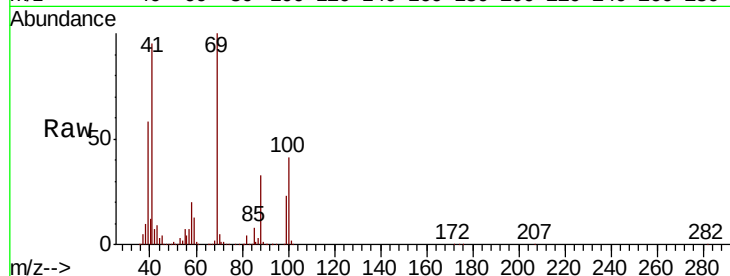
Tot Ion: 88 Resp: 192424

Ion Ratio Lower Upper

88 100

43 25.2 20.3 30.5

58 60.0 48.4 72.6



#50

Toluene-d8

Concen: 160.191 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019011.D

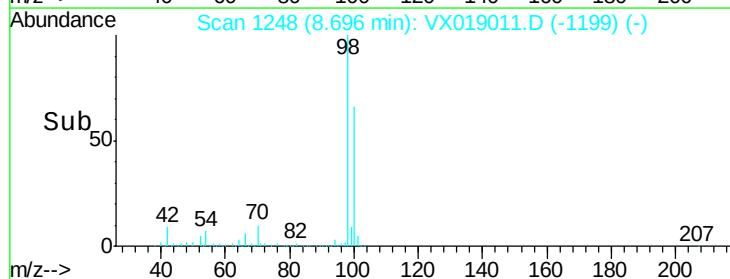
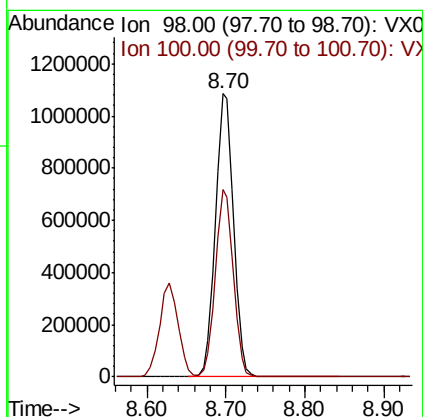
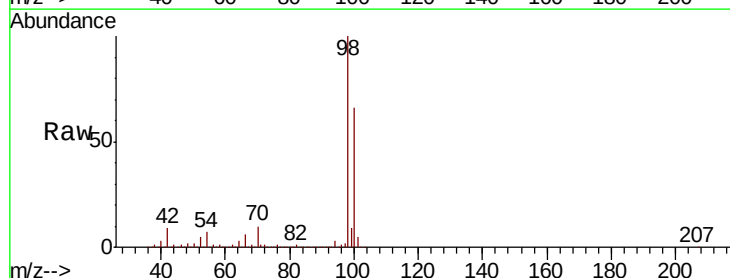
Acq: 21 Oct 2020 19:52

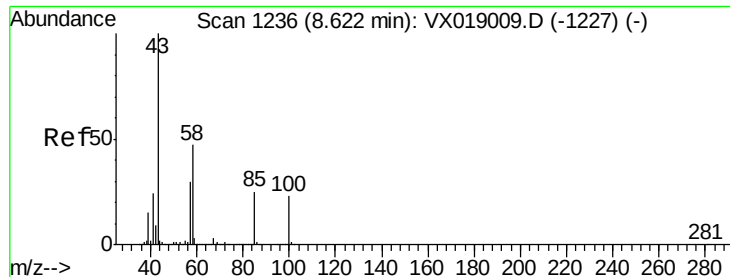
Tgt Ion: 98 Resp: 1732816

Ion Ratio Lower Upper

98 100

100 65.7 52.1 78.1

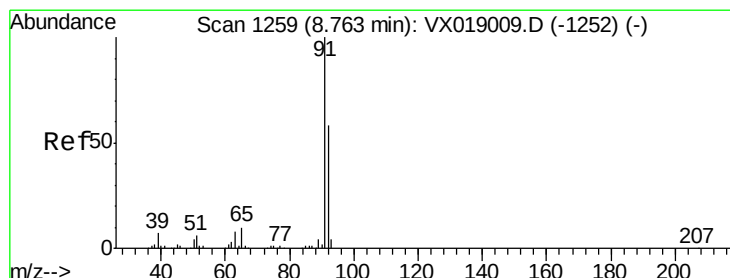
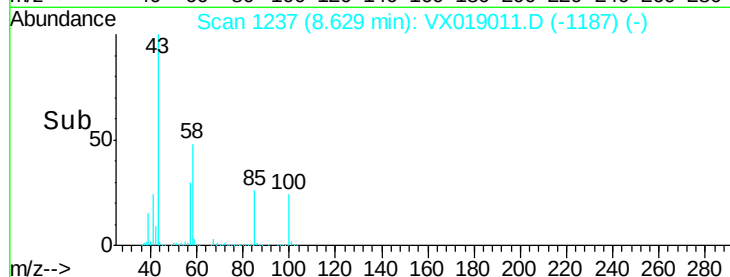
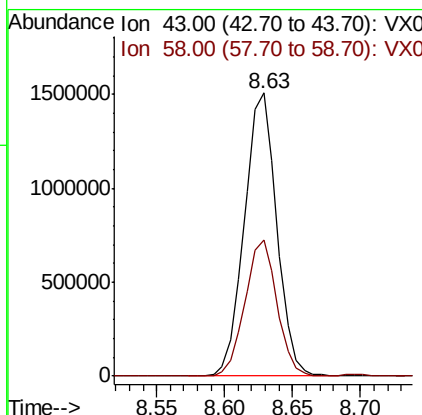
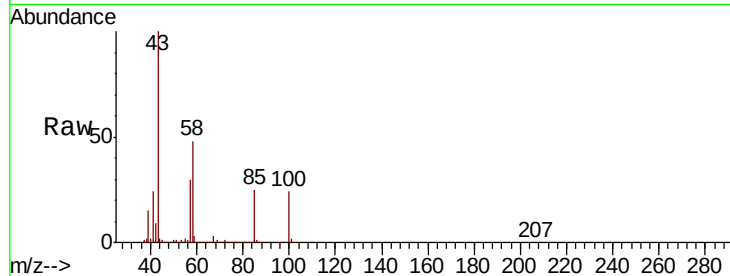




#51
4-Methyl-2-Pentanone
Concen: 735.049 ug/l
RT: 8.63 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

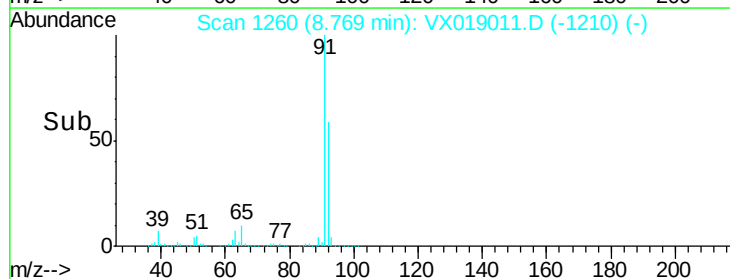
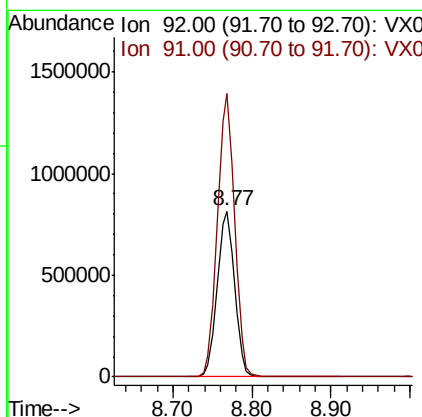
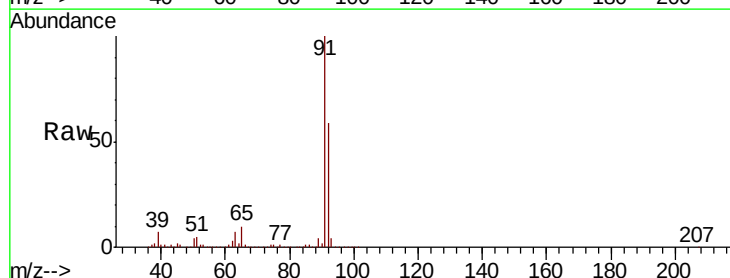
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

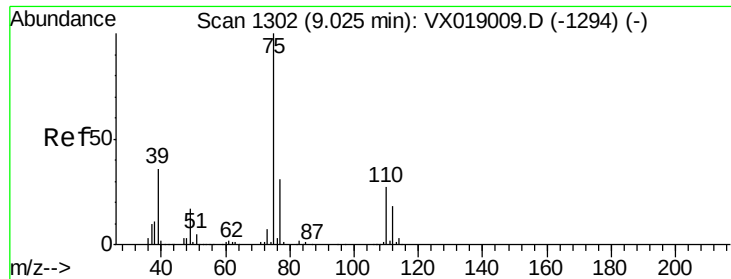
Tot Ion: 43 Resp: 2515289
Ion Ratio Lower Upper
43 100
58 47.5 37.4 56.0



#52
Toluene
Concen: 160.167 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion: 92 Resp: 1251661
Ion Ratio Lower Upper
92 100
91 169.9 138.6 208.0

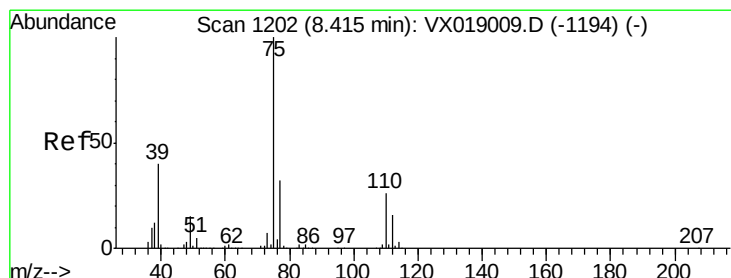
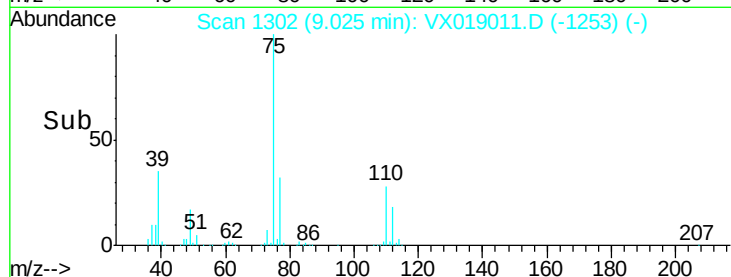
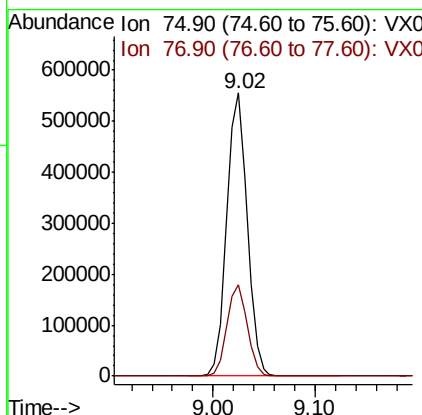
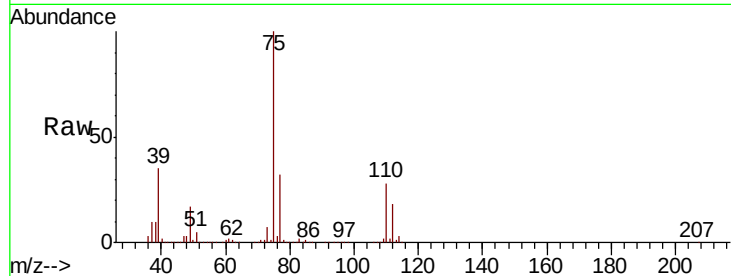




#53
t-1,3-Dichloropropene
Concen: 161.112 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

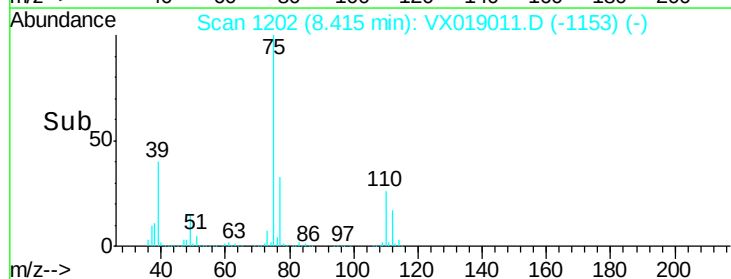
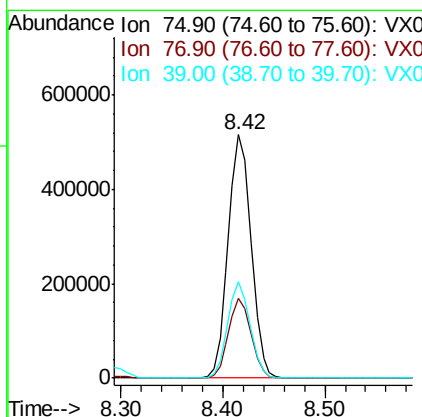
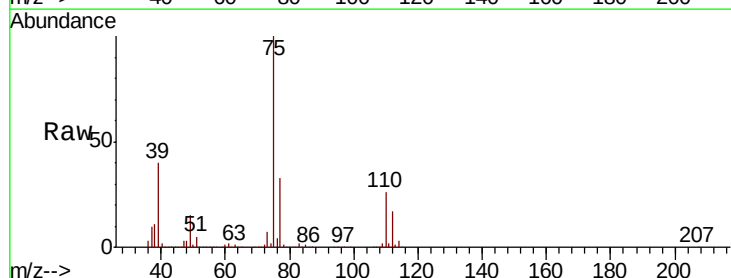
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

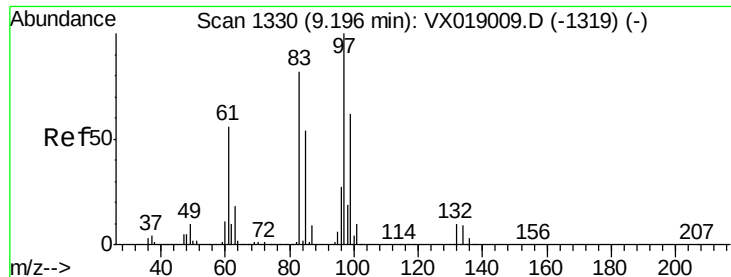
Tot Ion: 75 Resp: 771097
Ion Ratio Lower Upper
75 100
77 32.2 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 158.837 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion: 75 Resp: 802778
Ion Ratio Lower Upper
75 100
77 33.0 25.9 38.9
39 39.7 31.7 47.5

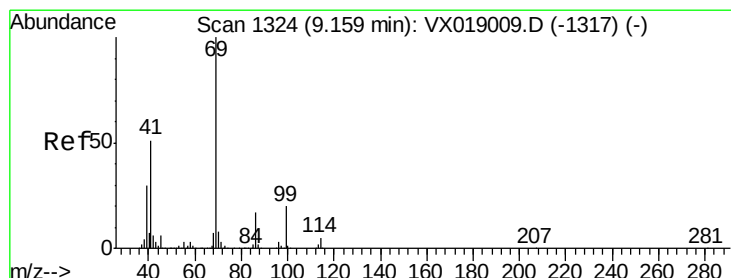
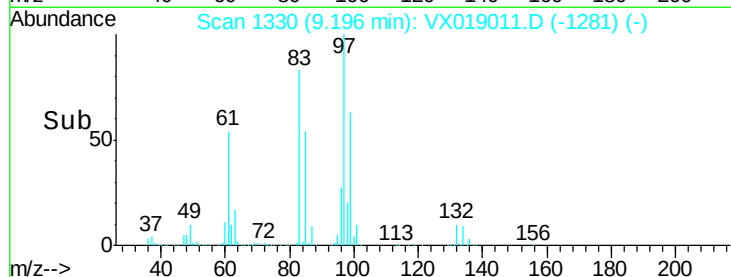
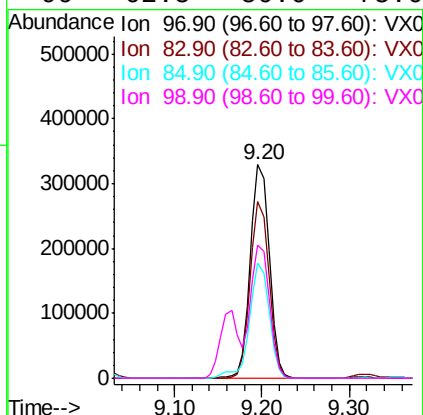
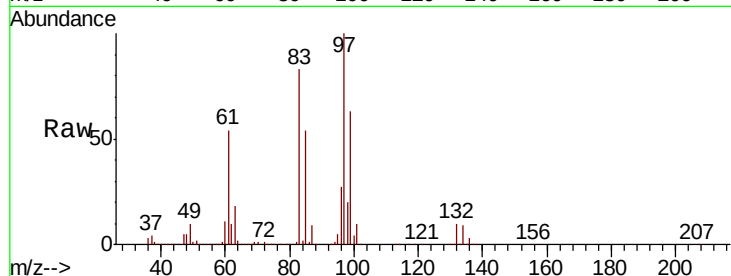




#55
 1,1,2-Trichloroethane
 Concen: 156.203 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

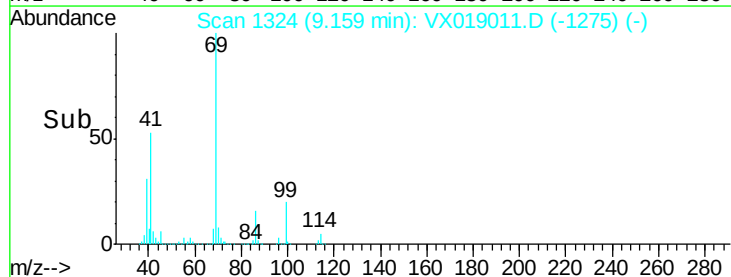
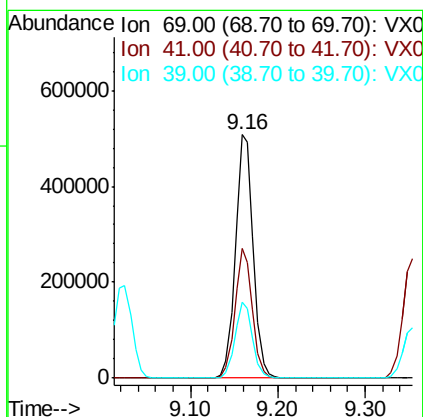
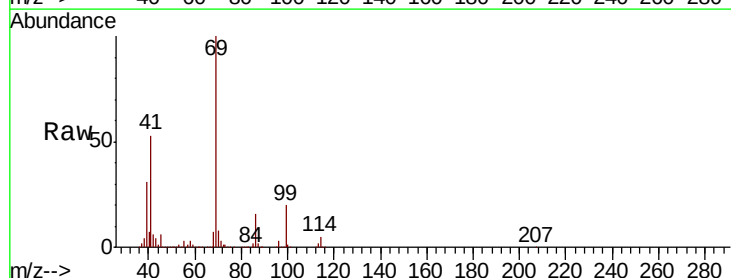
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

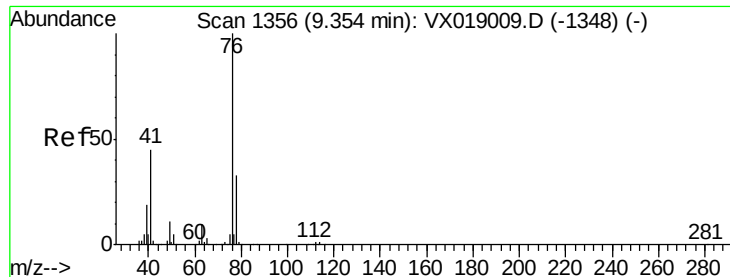
Tot Ion:	97	Resp:	497621
Ion	Ratio	Lower	Upper
97	100		
83	83.0	65.4	98.2
85	54.0	43.3	64.9
99	62.5	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 157.222 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Tgt Ion:	69	Resp:	720593
Ion	Ratio	Lower	Upper
69	100		
41	51.6	41.1	61.7
39	30.7	24.6	37.0





#57

1,3-Dichloropropane

Concen: 156.175 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

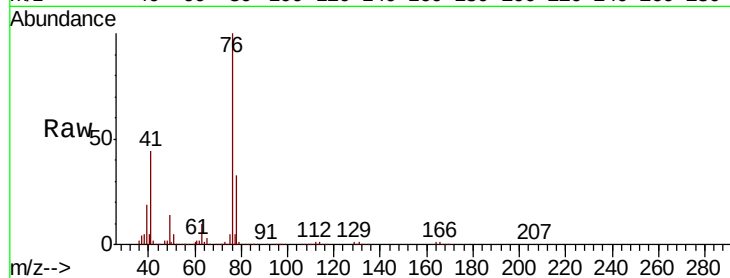
VSTDIC150

Tot Ion: 76 Resp: 789709

Ion Ratio Lower Upper

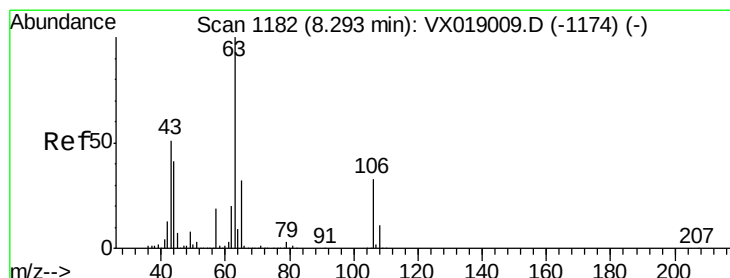
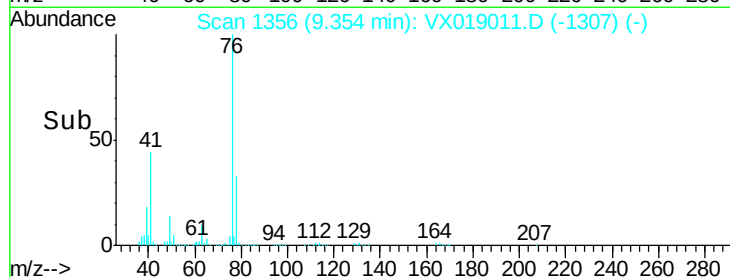
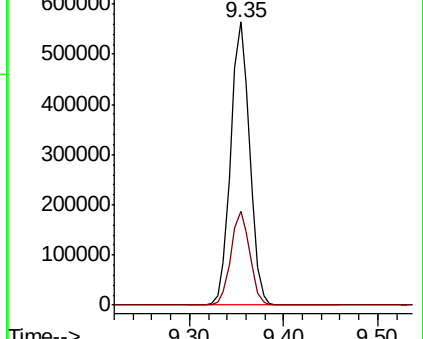
76 100

78 33.0 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 832.292 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX019011.D

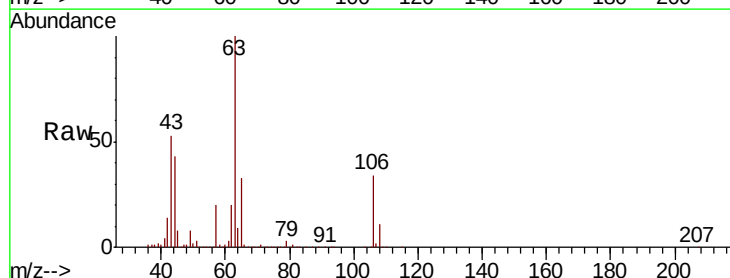
Acq: 21 Oct 2020 19:52

Tgt Ion: 63 Resp: 2003877

Ion Ratio Lower Upper

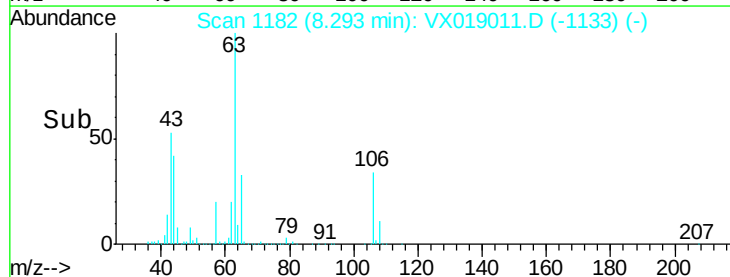
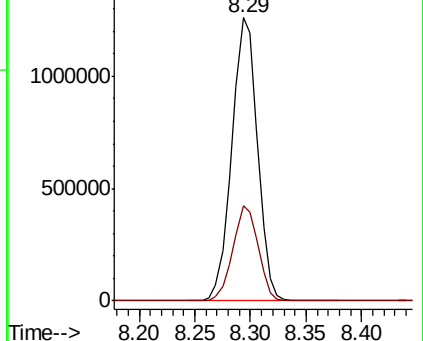
63 100

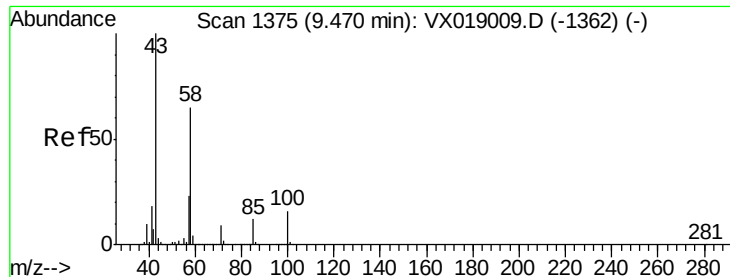
106 33.2 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

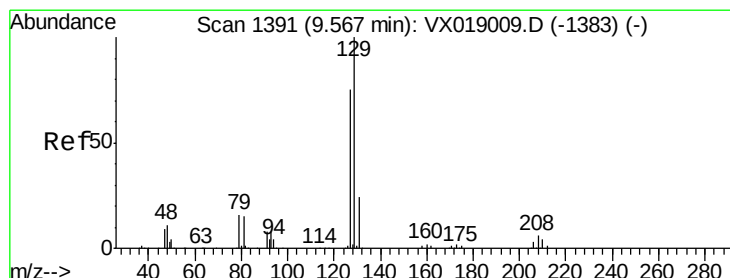
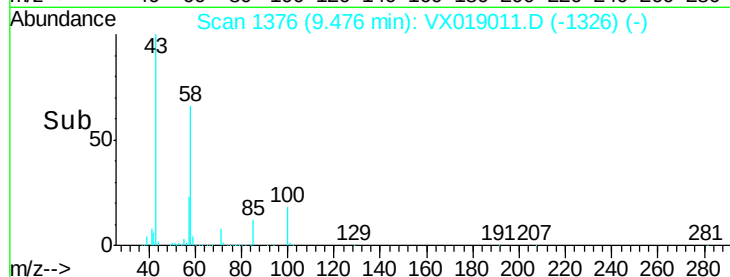
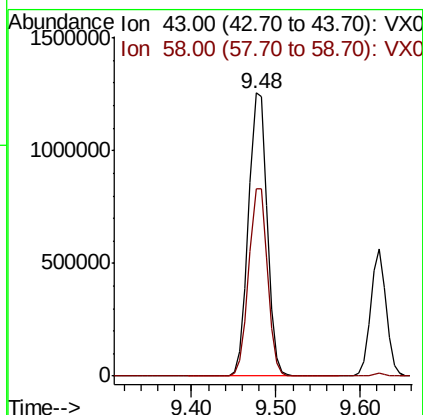
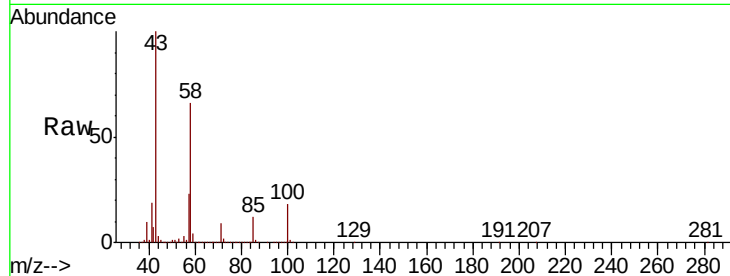




#59
2-Hexanone
Concen: 726.099 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

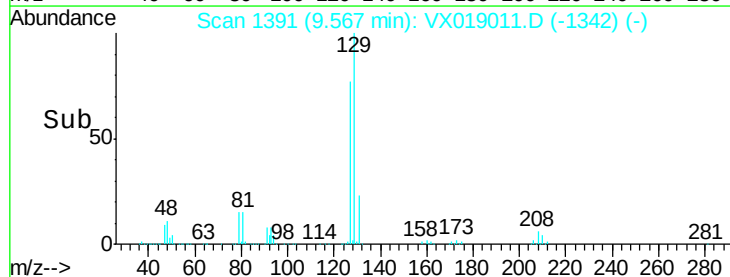
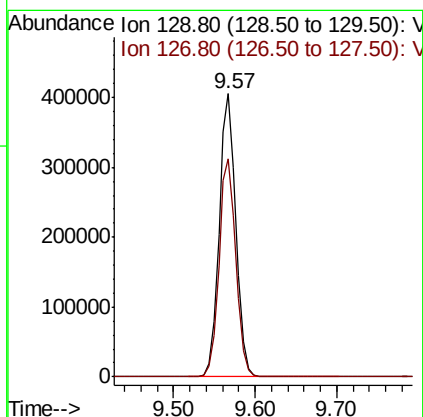
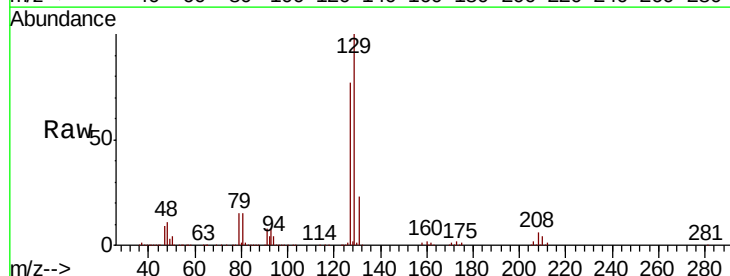
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

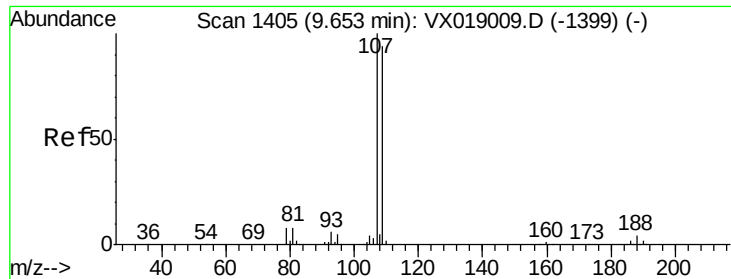
Tot Ion: 43 Resp: 1851611
Ion Ratio Lower Upper
43 100
58 66.4 32.8 98.4



#60
Dibromochloromethane
Concen: 166.254 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion: 129 Resp: 577276
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7





#61

1,2-Dibromoethane

Concen: 157.006 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

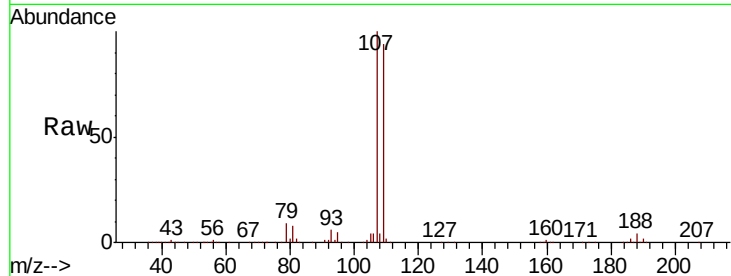
VSTDIC150

Tot Ion:107 Resp: 535164

Ion Ratio Lower Upper

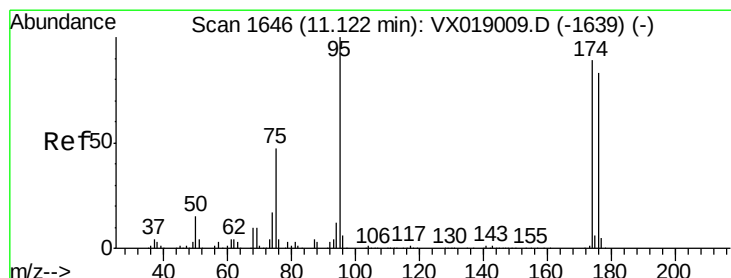
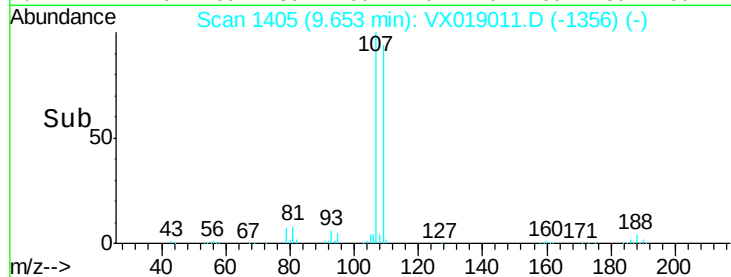
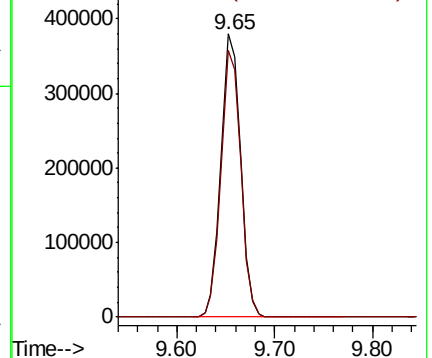
107 100

109 94.8 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 153.936 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

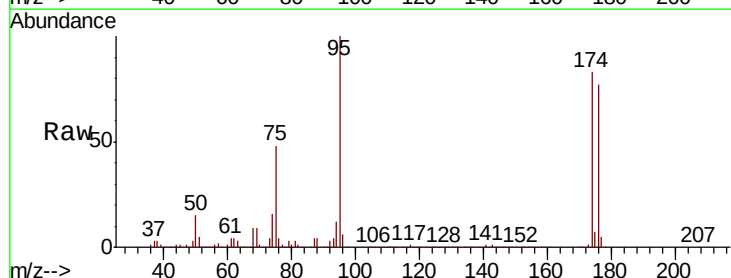
Tgt Ion: 95 Resp: 592301

Ion Ratio Lower Upper

95 100

174 84.8 0.0 167.6

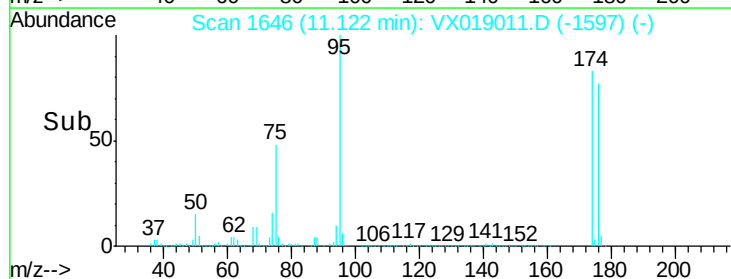
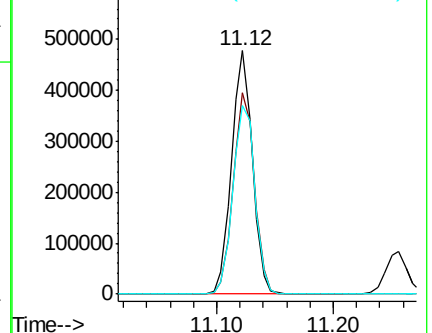
176 82.7 0.0 165.2

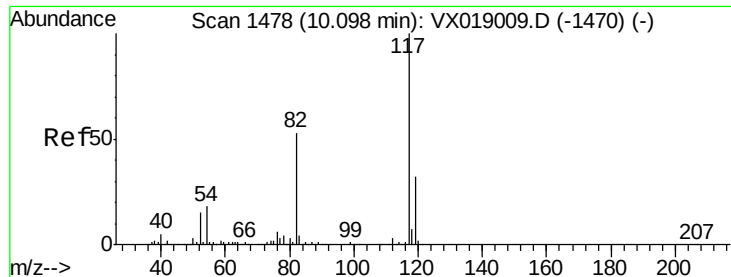


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

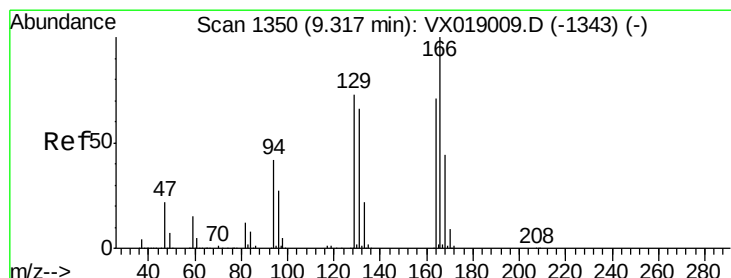
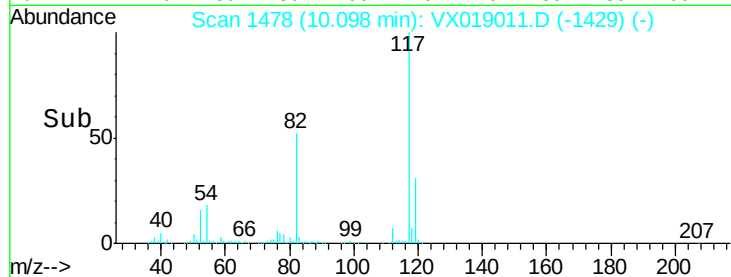
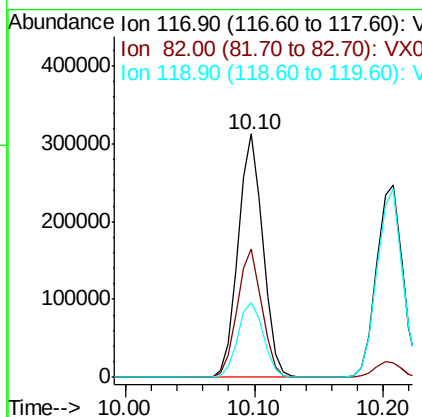
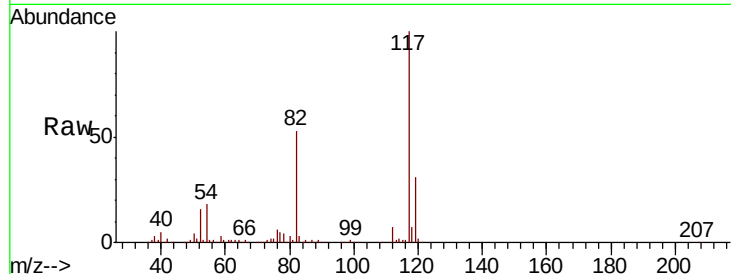




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

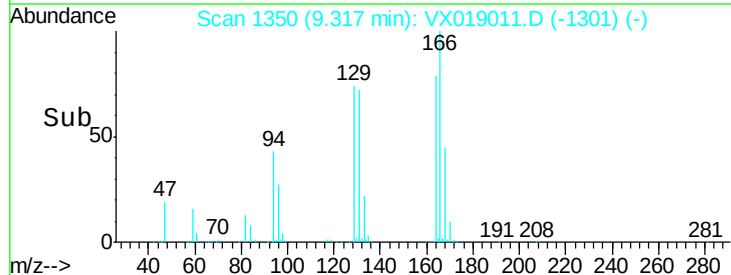
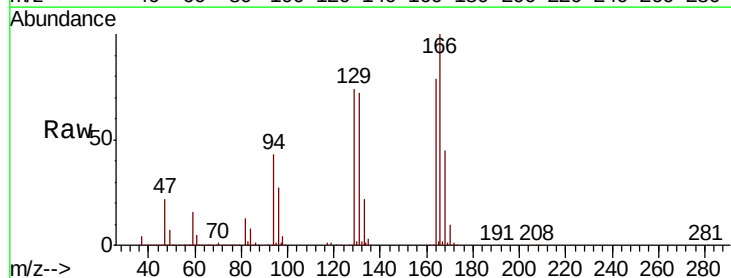
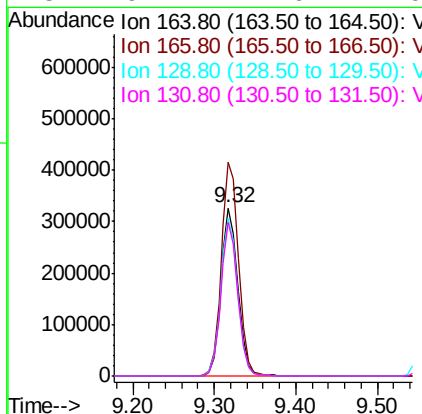
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

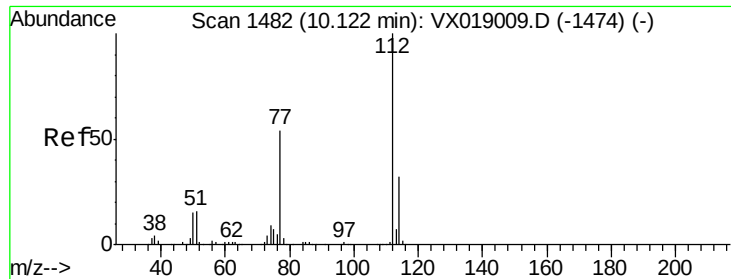
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.4	63.6
119	30.8	25.6	38.4



#64
Tetrachloroethene
Concen: 148.317 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	112.2	168.4
129	93.4	81.8	122.8
131	91.1	74.6	112.0

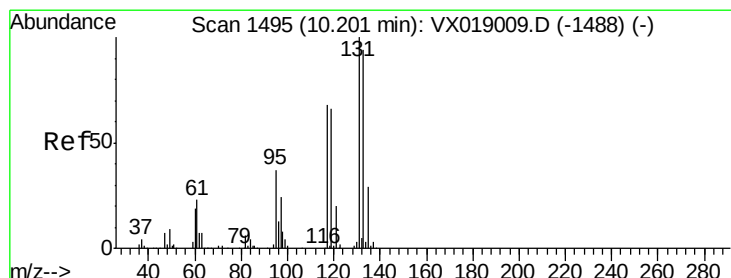
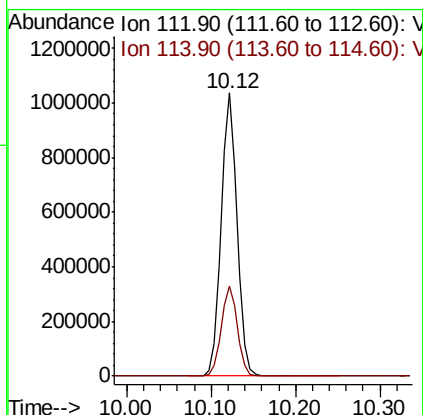
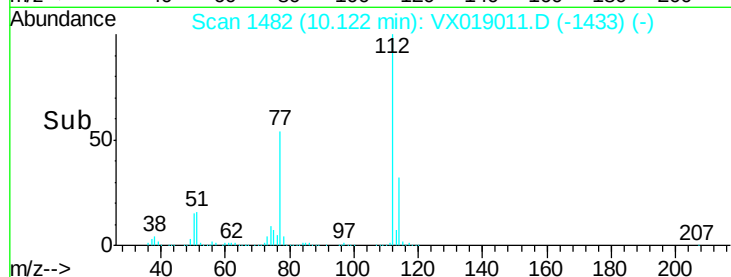
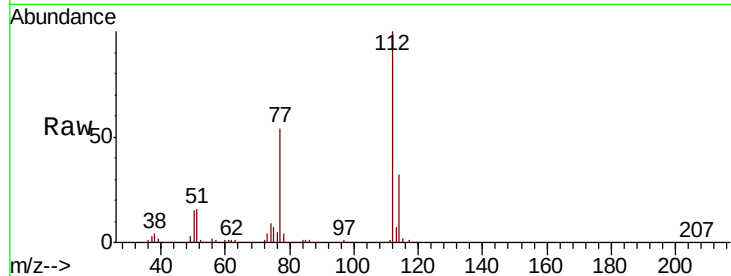




#65
Chlorobenzene
Concen: 155.353 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

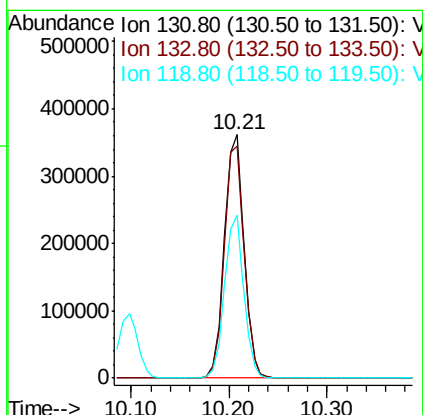
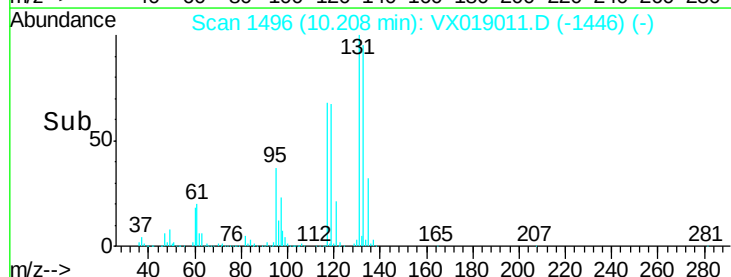
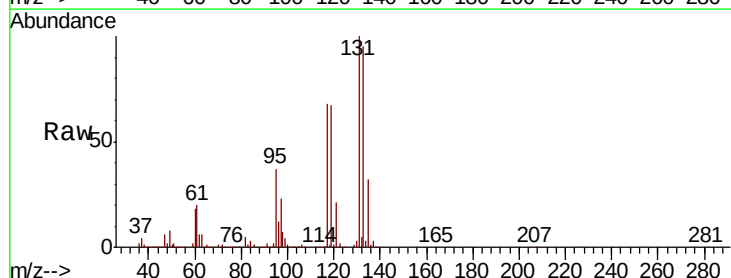
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

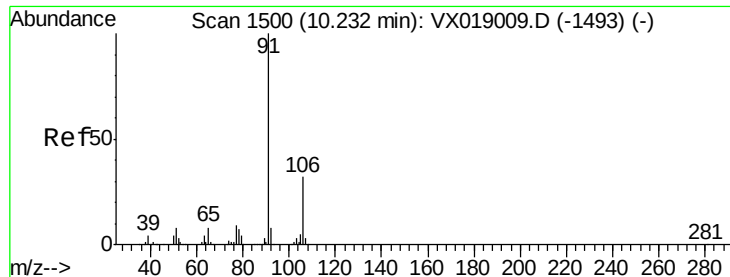
Tot Ion:112 Resp: 1355460
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 162.293 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion:131 Resp: 503436
Ion Ratio Lower Upper
131 100
133 96.3 47.0 141.2
119 65.9 32.9 98.7





#67

Ethyl Benzene

Concen: 156.754 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

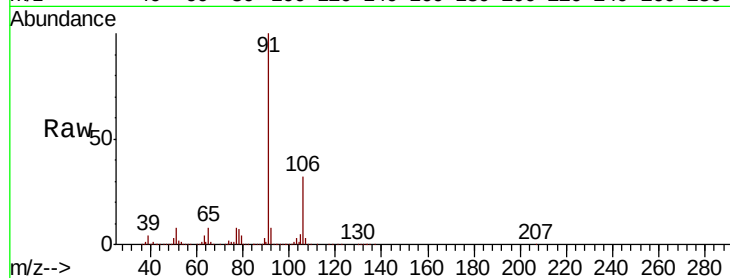
VSTDIC150

Tot Ion: 91 Resp: 2357534

Ion Ratio Lower Upper

91 100

106 32.4 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VX019011.D (-1451) (-)

Ion 106.00 (105.70 to 106.70): VX019011.D (-1451) (-)

3000000

2500000

2000000

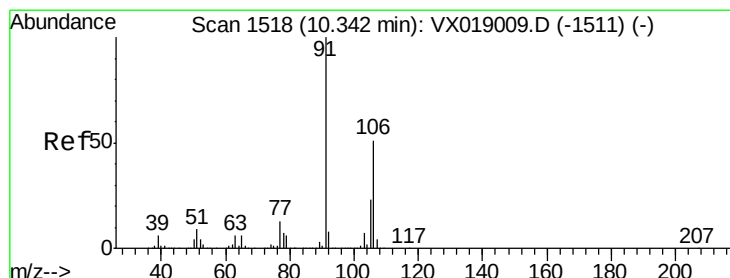
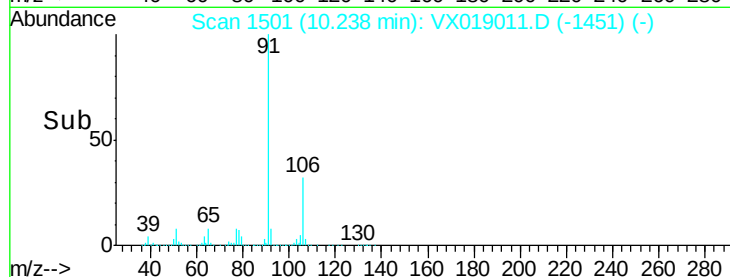
1500000

1000000

500000

0

Time-->



#68

m/p-Xylenes

Concen: 320.780 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019011.D

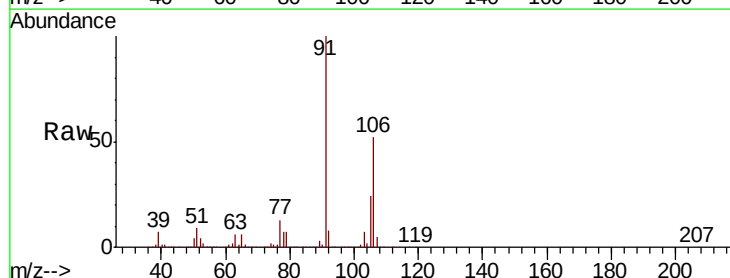
Acq: 21 Oct 2020 19:52

Tgt Ion: 106 Resp: 1848071

Ion Ratio Lower Upper

106 100

91 192.5 156.9 235.3



Abundance Ion 106.00 (105.70 to 106.70): VX019011.D (-1469) (-)

Ion 91.00 (90.70 to 91.70): VX019011.D (-1469) (-)

3000000

2500000

2000000

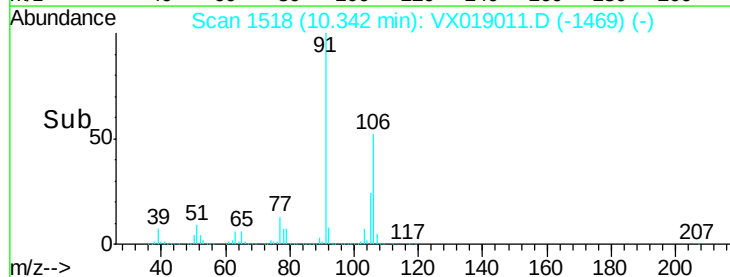
1500000

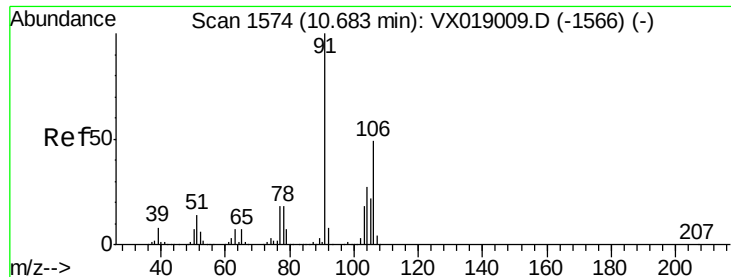
1000000

500000

0

Time-->

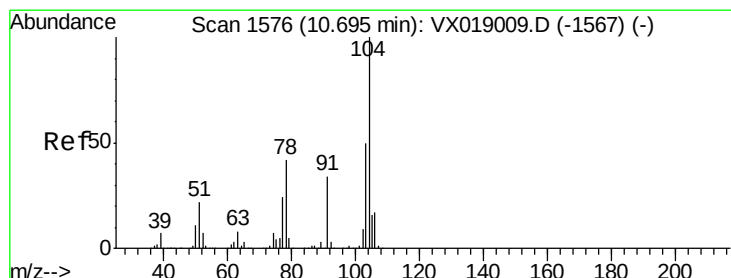
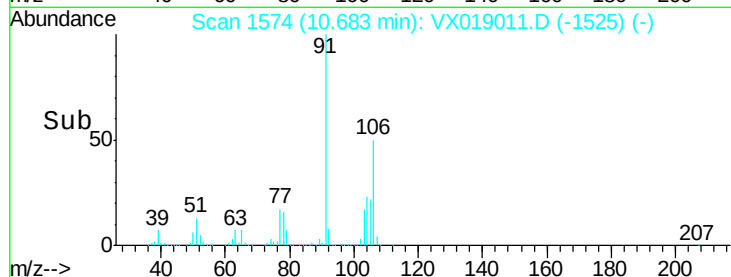
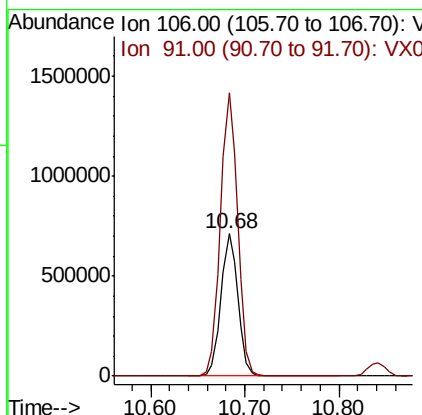
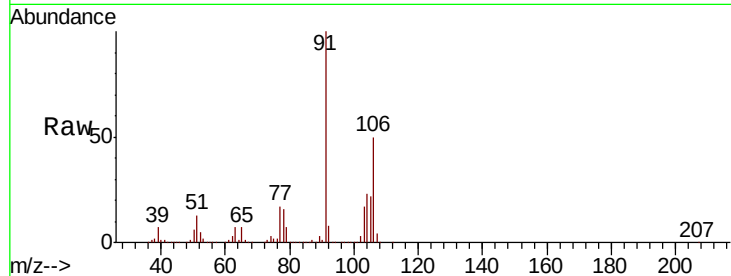




#69
o-Xylene
Concen: 161.762 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

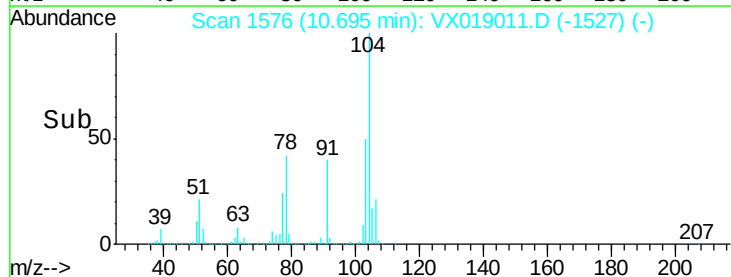
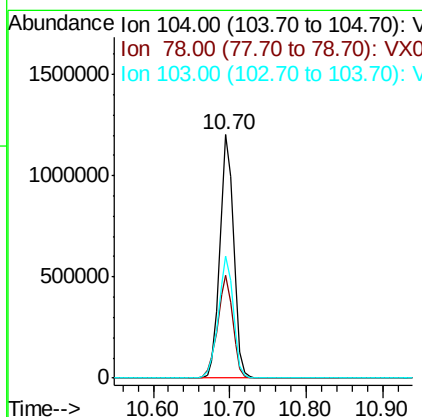
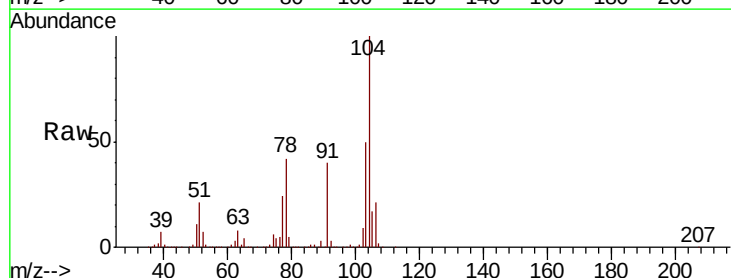
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

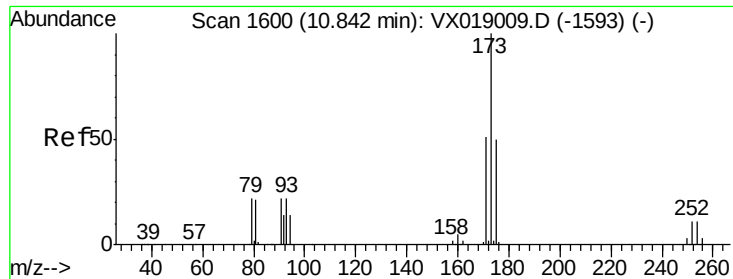
Tot Ion:106 Resp: 891928
Ion Ratio Lower Upper
106 100
91 201.9 104.0 312.0



#70
Styrene
Concen: 160.433 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion:104 Resp: 1501871
Ion Ratio Lower Upper
104 100
78 46.3 37.7 56.5
103 54.3 43.5 65.3





#71

Bromoform

Concen: 165.397 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

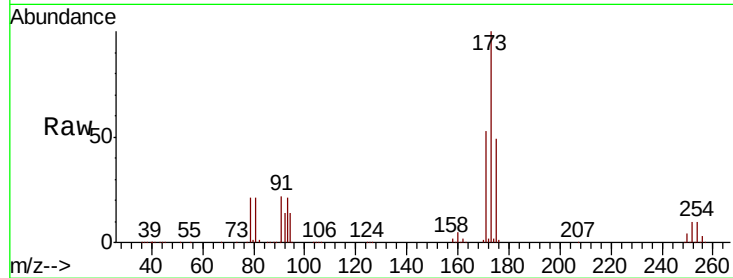
Tot Ion:173 Resp: 414178

Ion Ratio Lower Upper

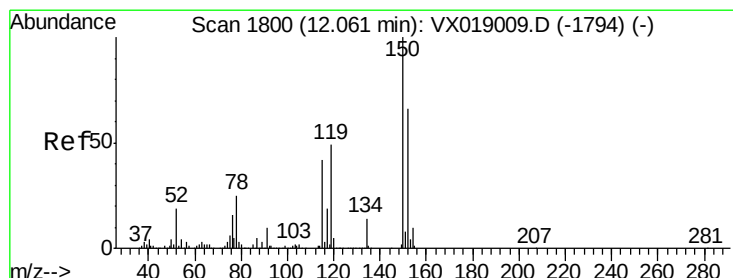
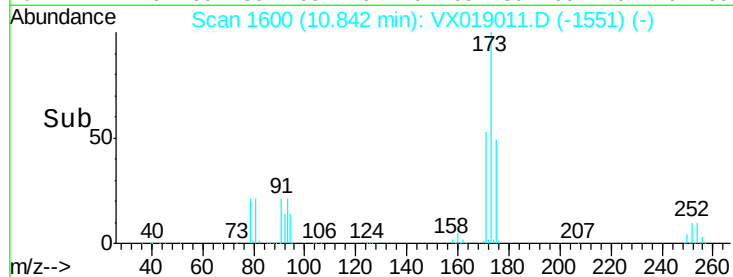
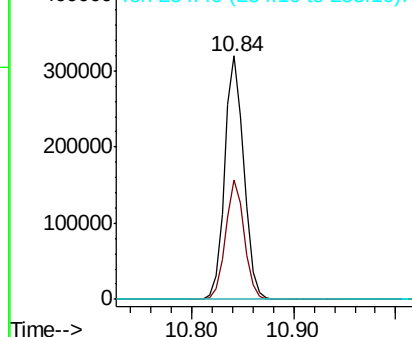
173 100

175 48.1 24.1 72.4

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

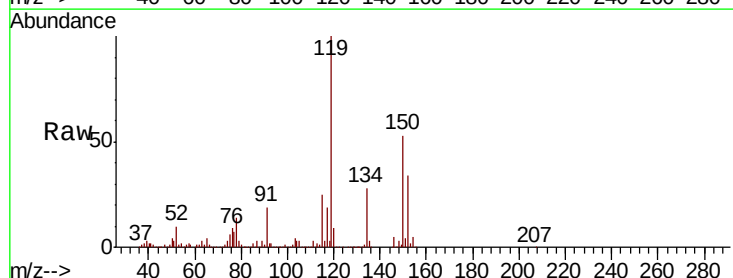
Tgt Ion:152 Resp: 207264

Ion Ratio Lower Upper

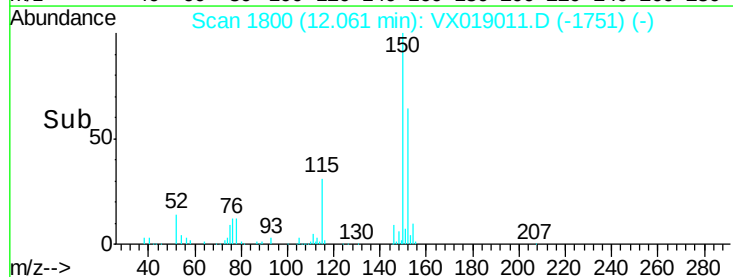
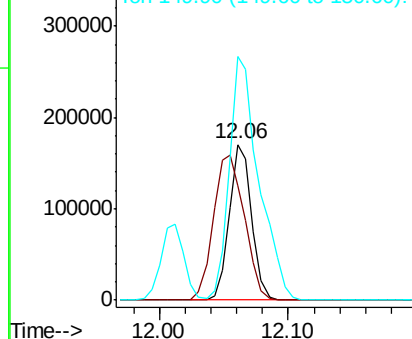
152 100

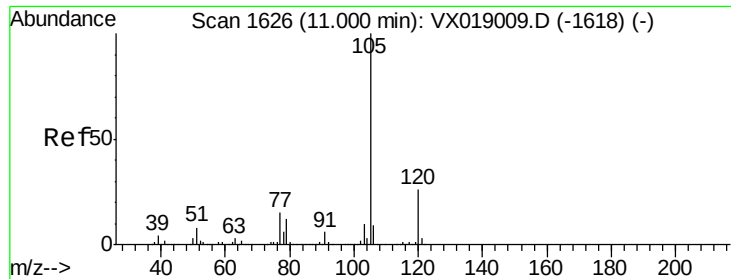
115 129.0 40.8 122.5#

150 205.9 0.0 345.6



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: 156.213 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

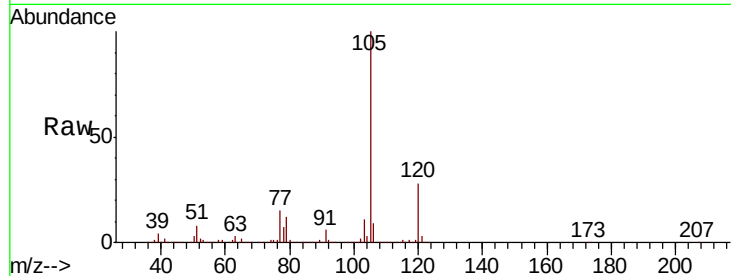
VSTDIC150

Tot Ion:105 Resp: 2329151

Ion Ratio Lower Upper

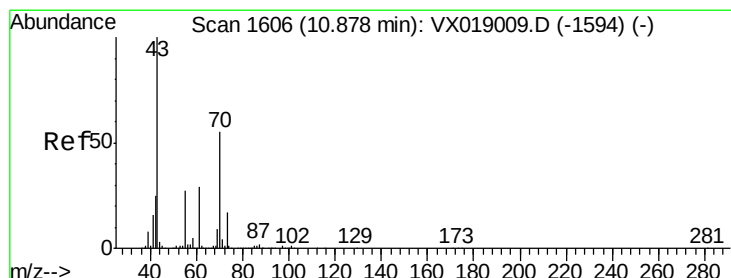
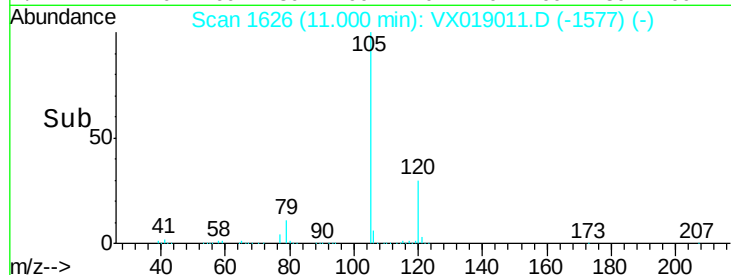
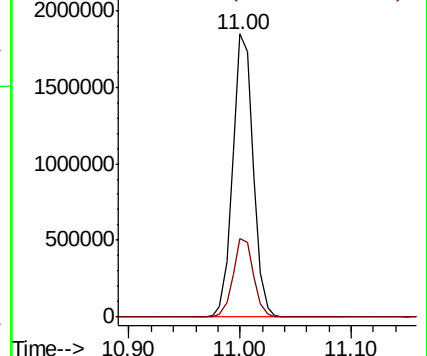
105 100

120 27.8 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 150.810 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Tgt Ion: 43 Resp: 720442

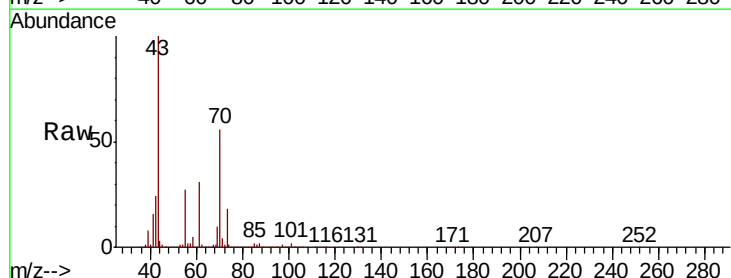
Ion Ratio Lower Upper

43 100

70 55.2 44.5 66.7

55 26.9 21.9 32.9

61 29.9 23.9 35.9

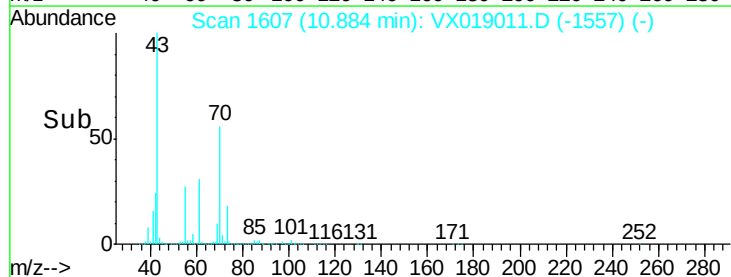
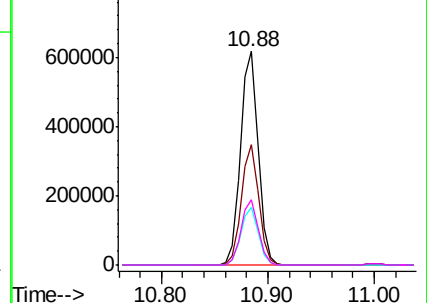


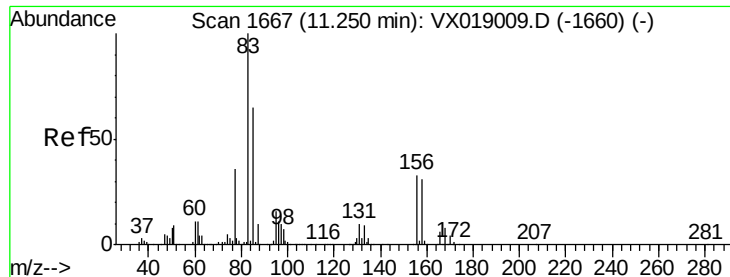
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 150.390 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

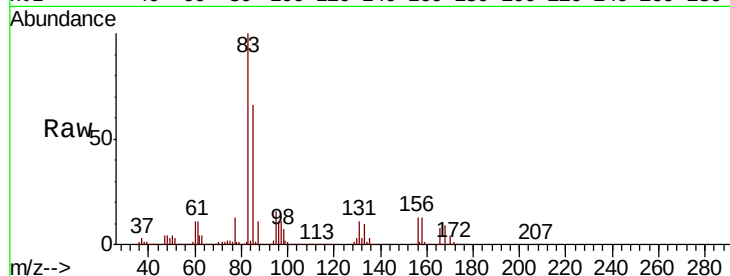
Tot Ion: 83 Resp: 675519

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.4

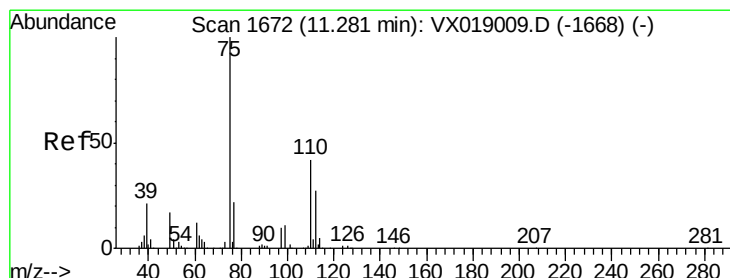
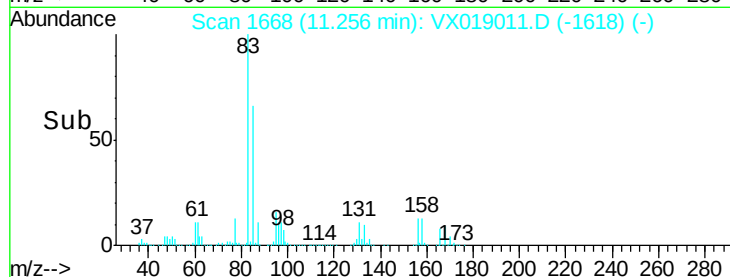
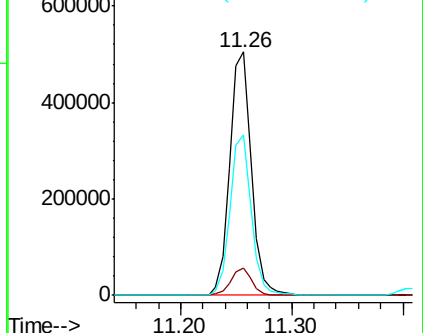
85 65.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 192.833 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019011.D

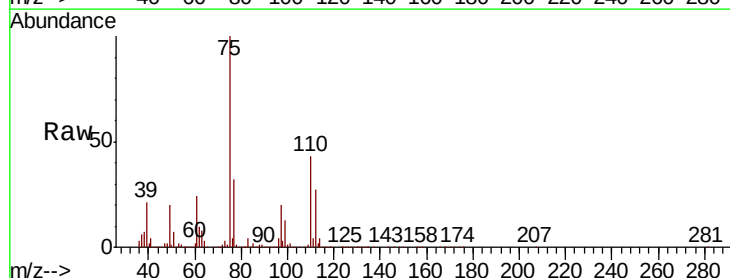
Acq: 21 Oct 2020 19:52

Tgt Ion: 75 Resp: 798829

Ion Ratio Lower Upper

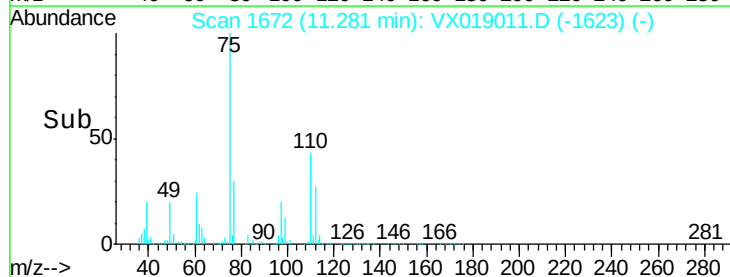
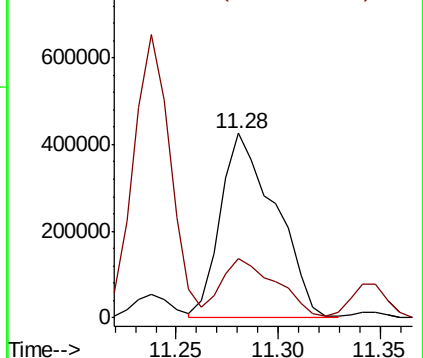
75 100

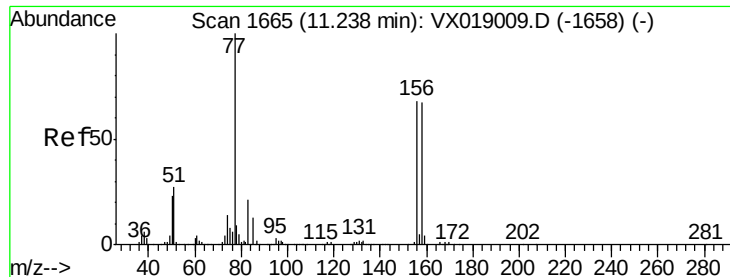
77 32.0 20.7 62.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 154.286 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

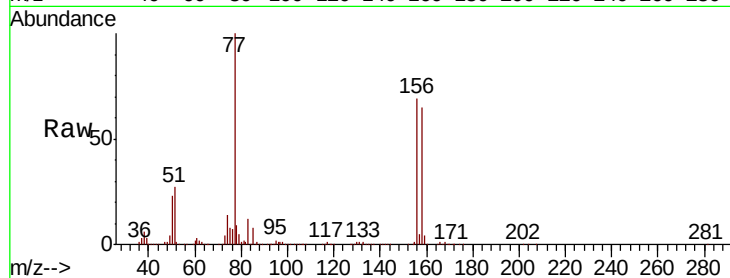
Tot Ion:156 Resp: 580974

Ion Ratio Lower Upper

156 100

77 142.0 74.4 223.1

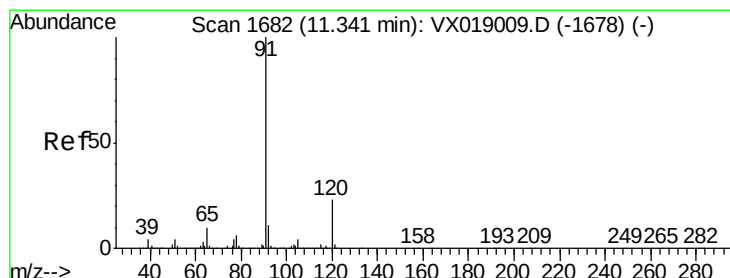
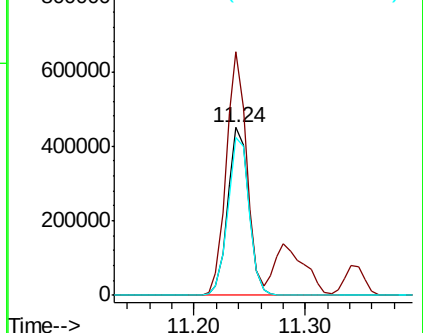
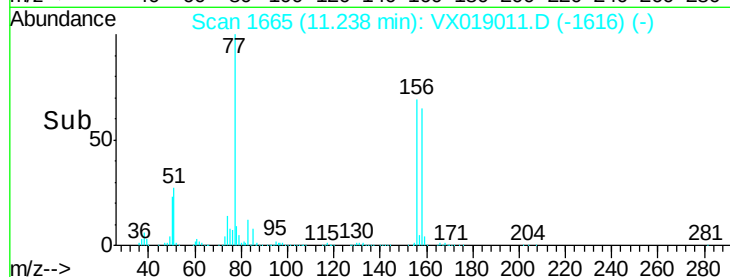
158 95.8 48.8 146.3



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: 150.847 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019011.D

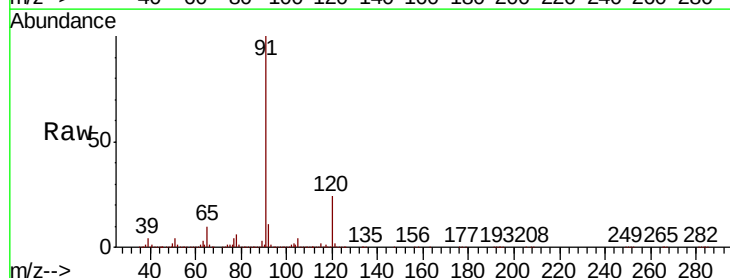
Acq: 21 Oct 2020 19:52

Tgt Ion: 91 Resp: 2548567

Ion Ratio Lower Upper

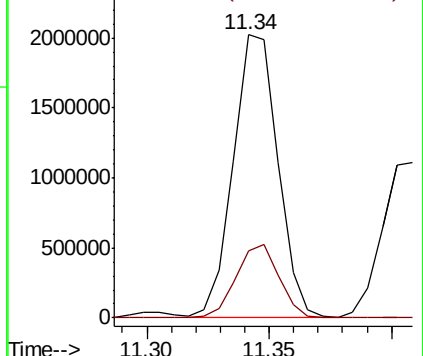
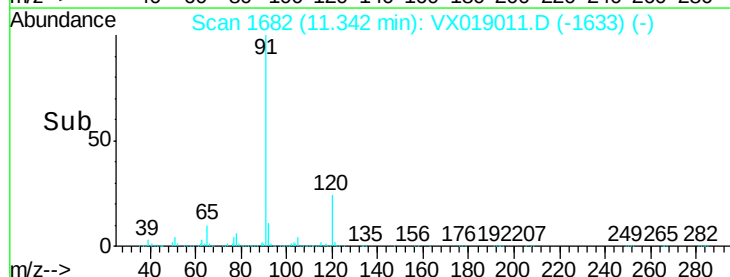
91 100

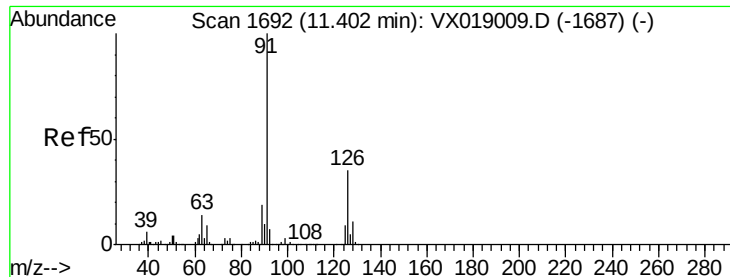
120 25.2 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 146.925 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

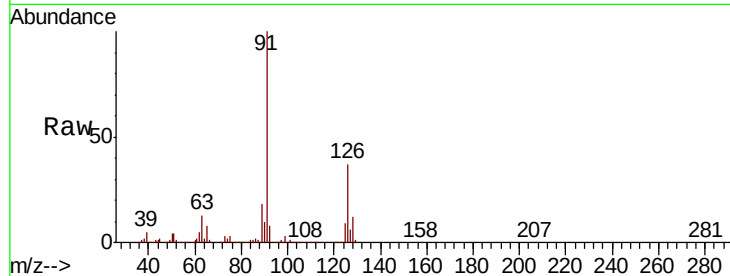
VSTDIC150

Tot Ion: 91 Resp: 1448140

Ion Ratio Lower Upper

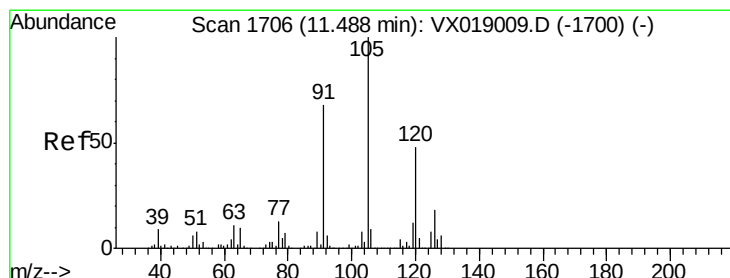
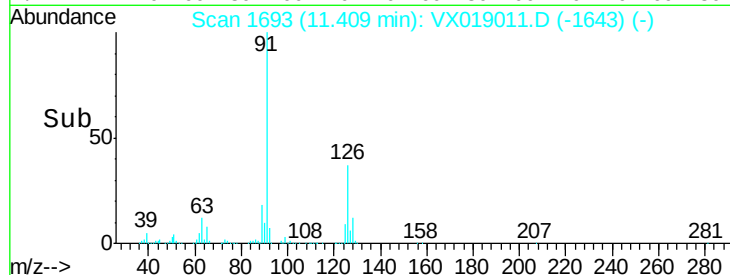
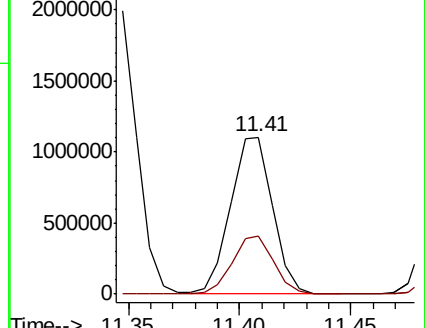
91 100

126 36.2 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX019009.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019009.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 155.773 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX019011.D

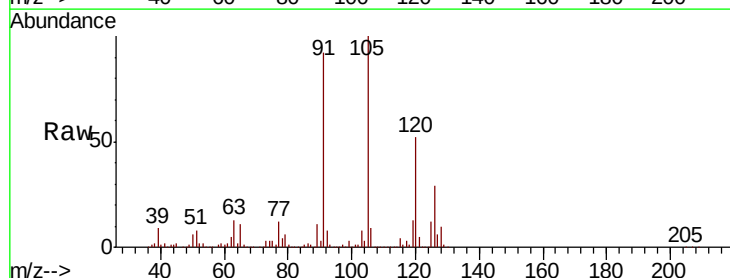
Acq: 21 Oct 2020 19:52

Tgt Ion: 105 Resp: 1917969

Ion Ratio Lower Upper

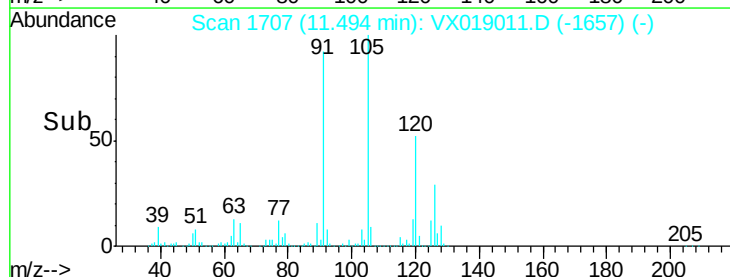
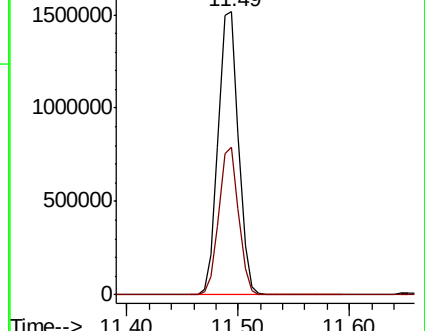
105 100

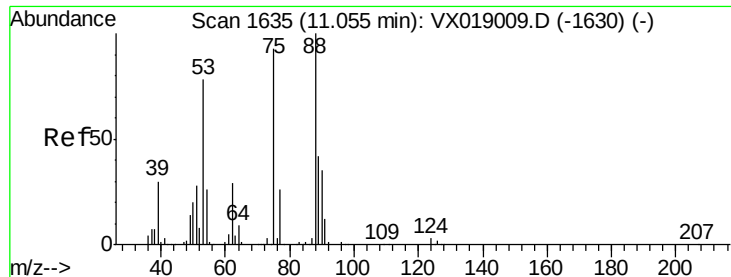
120 50.7 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX019009.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019009.D (-1700) (-)

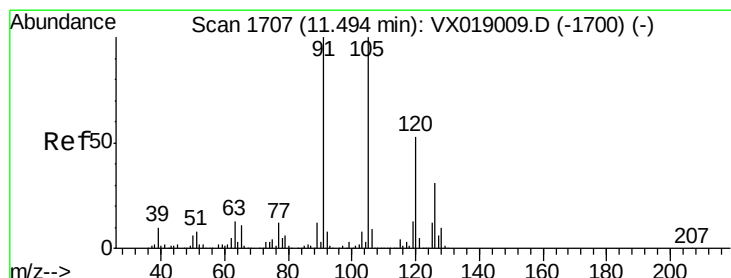
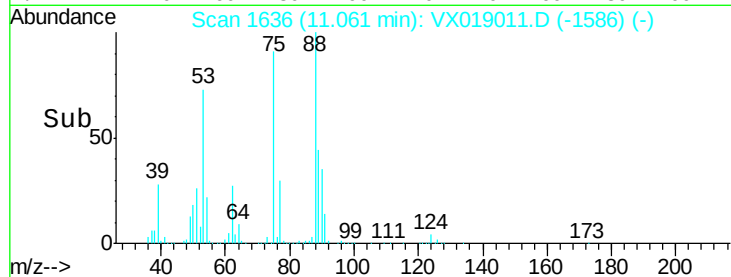
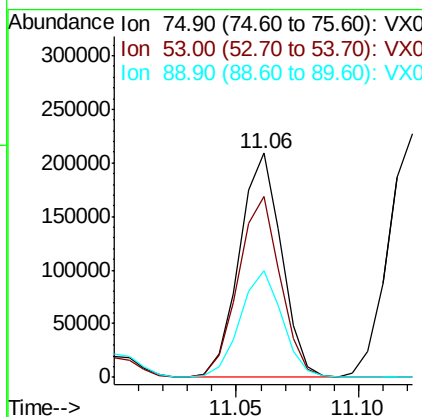
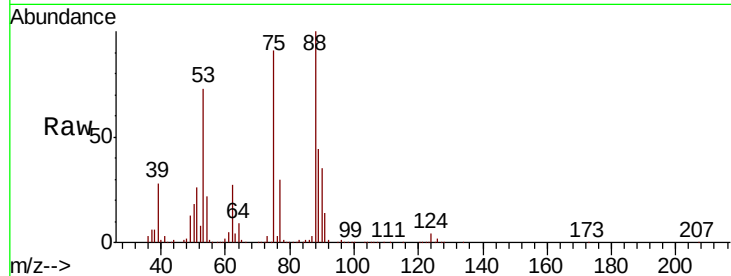




#81
trans-1,4-Dichloro-2-butene
Concen: 153.605 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

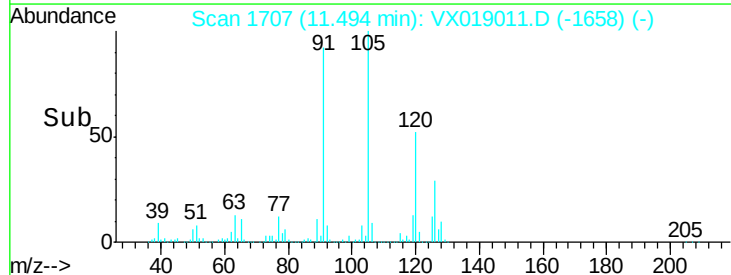
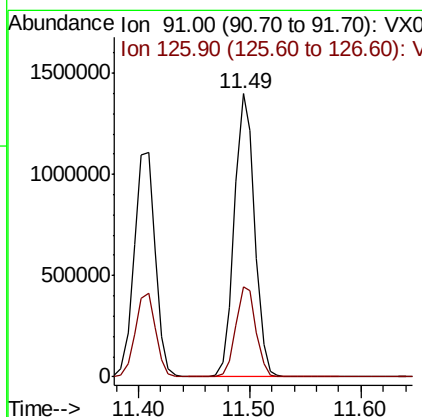
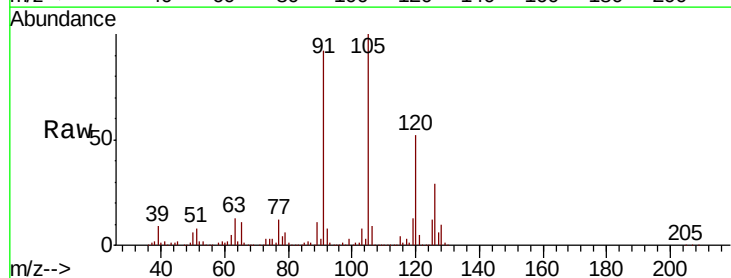
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

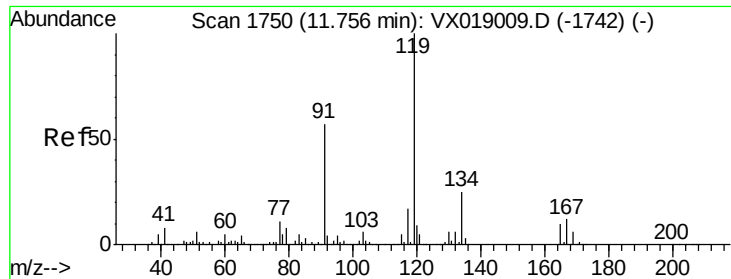
Tot Ion: 75 Resp: 249758
Ion Ratio Lower Upper
75 100
53 81.0 67.4 101.2
89 47.9 37.2 55.8



#82
4-Chlorotoluene
Concen: 149.587 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion: 91 Resp: 1754320
Ion Ratio Lower Upper
91 100
126 31.8 15.6 46.7

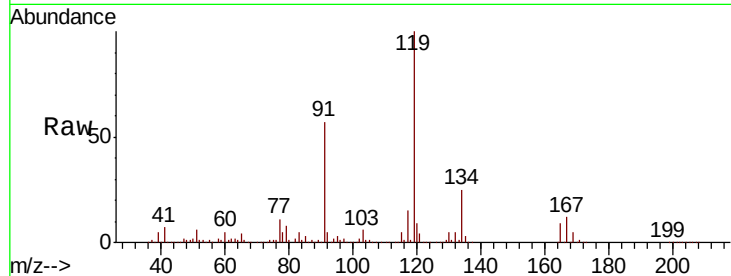




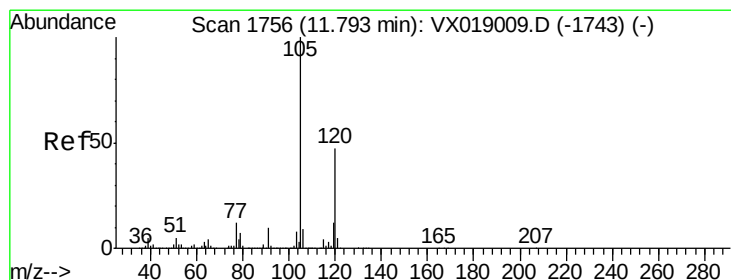
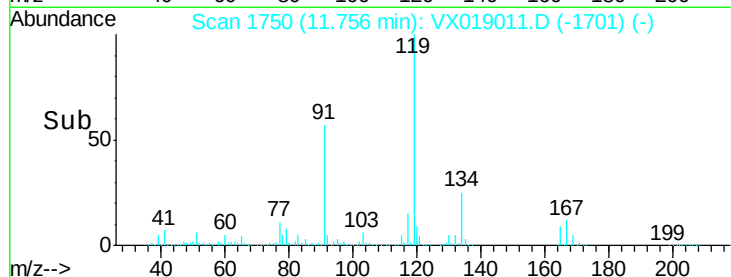
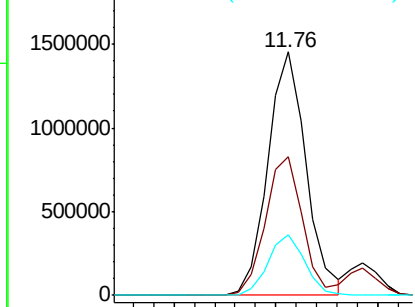
#83
 tert-Butylbenzene
 Concen: 156.621 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:119 Resp: 1899686
 Ion Ratio Lower Upper
 119 100
 91 54.7 28.1 84.4
 134 23.8 11.8 35.3

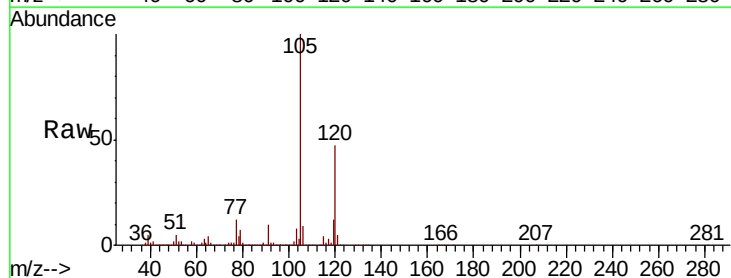


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

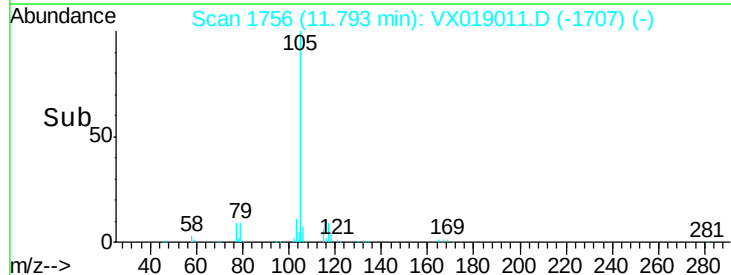
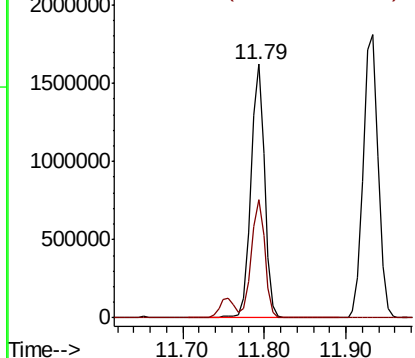


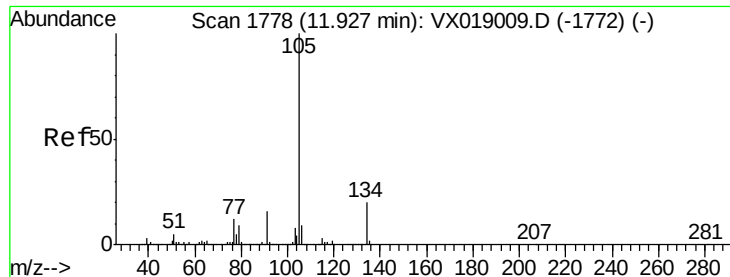
#84
 1,2,4-Trimethylbenzene
 Concen: 153.485 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Tgt Ion:105 Resp: 1892335
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.9 68.8



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





#85

sec-Butylbenzene

Concen: 152.746 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampleId :

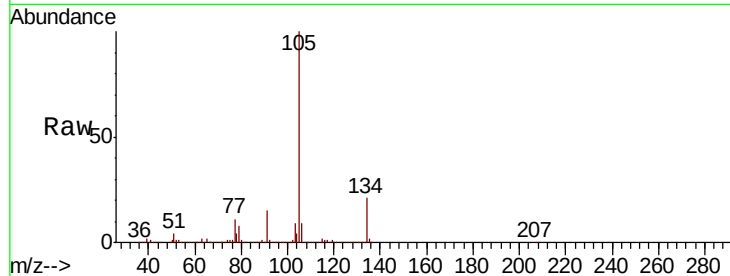
VSTDIC150

Tot Ion:105 Resp: 2241945

Ion Ratio Lower Upper

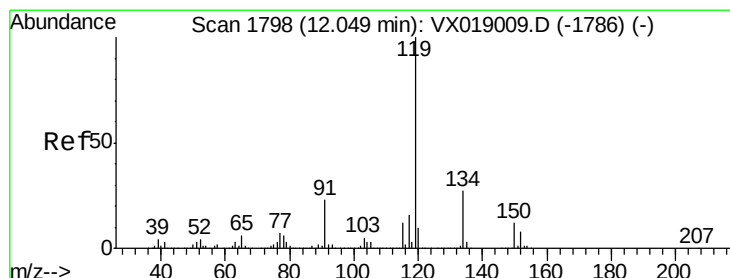
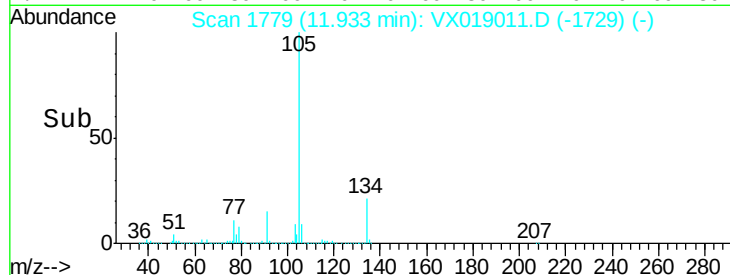
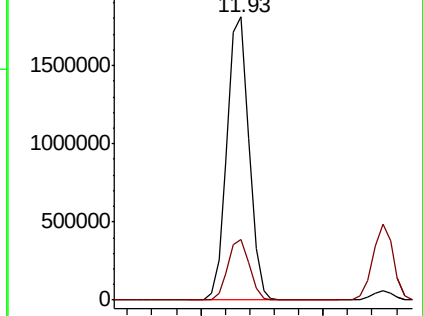
105 100

134 21.2 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 154.445 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

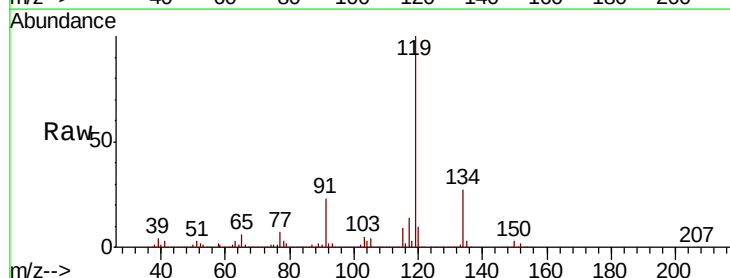
Tgt Ion:119 Resp: 2071276

Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.8

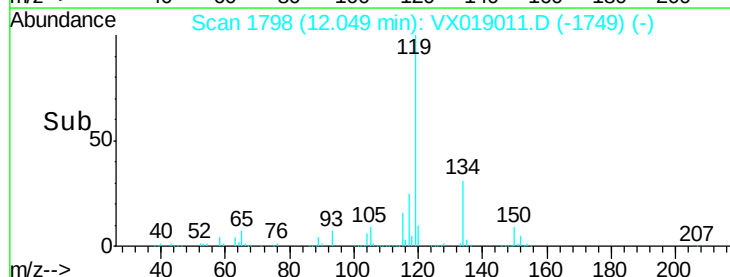
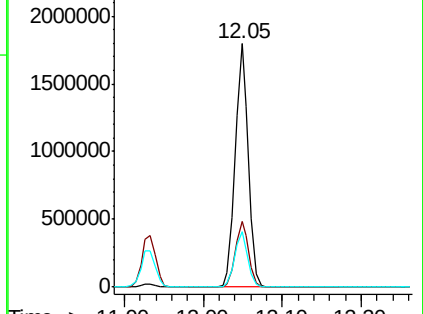
91 22.7 11.4 34.2

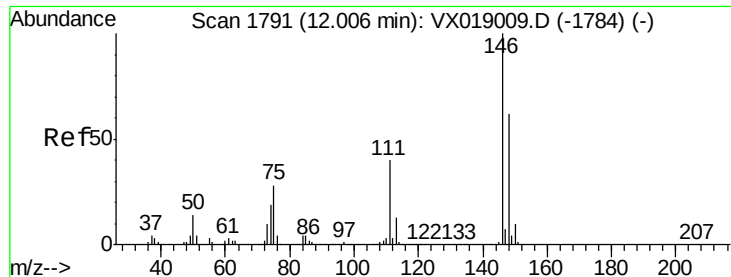


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

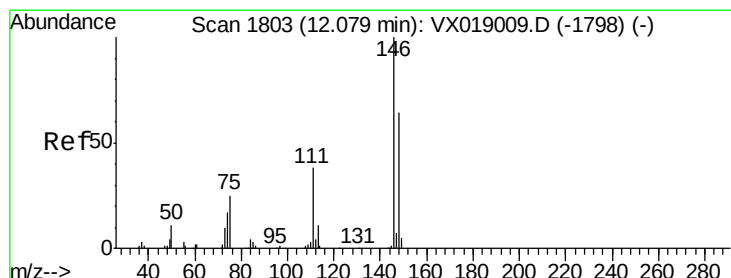
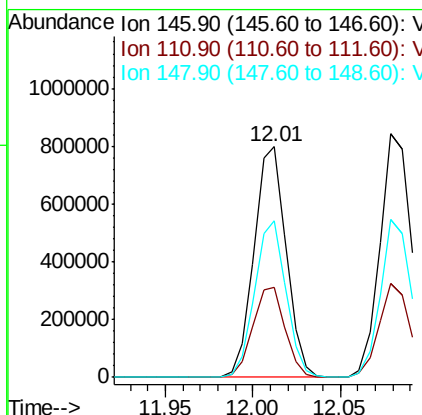
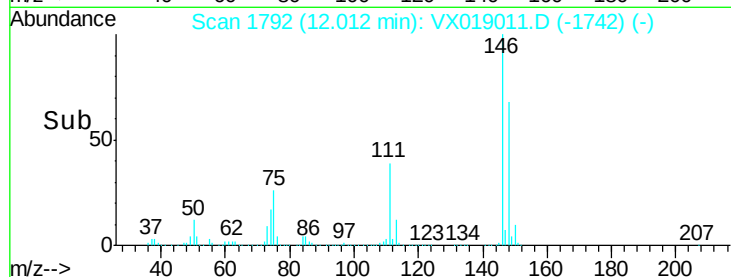
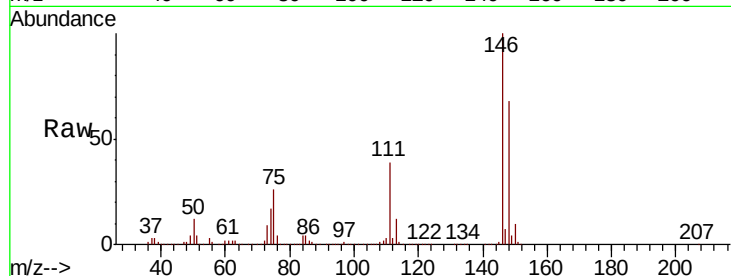




#87
 1,3-Dichlorobenzene
 Concen: 147.862 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

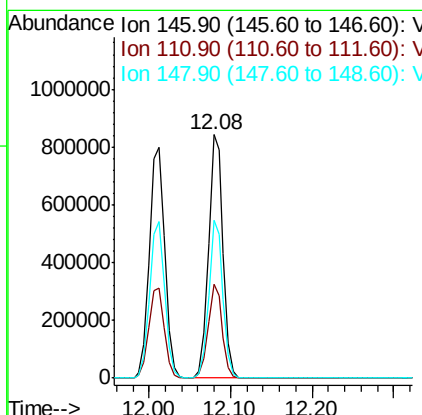
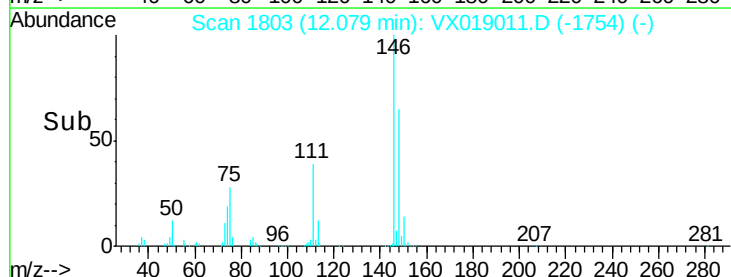
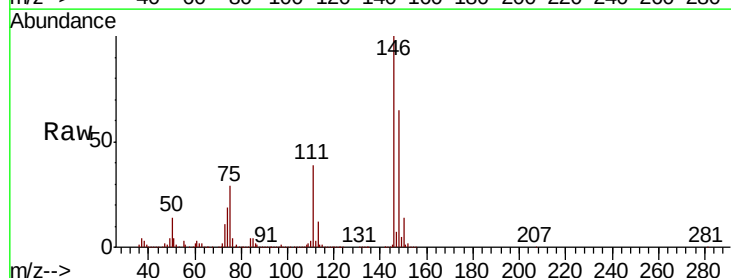
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

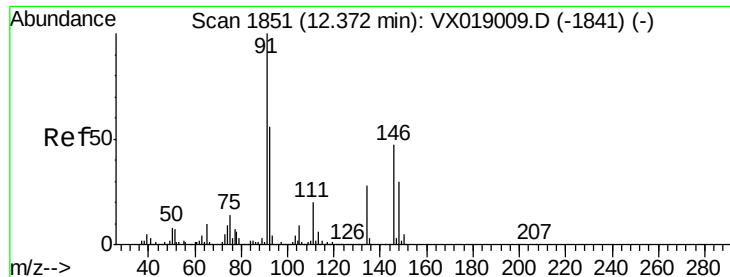
Tot Ion:146 Resp: 1021368
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.7 59.1
 148 66.1 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 147.982 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Tgt Ion:146 Resp: 1049008
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.4 58.2
 148 63.0 32.2 96.6

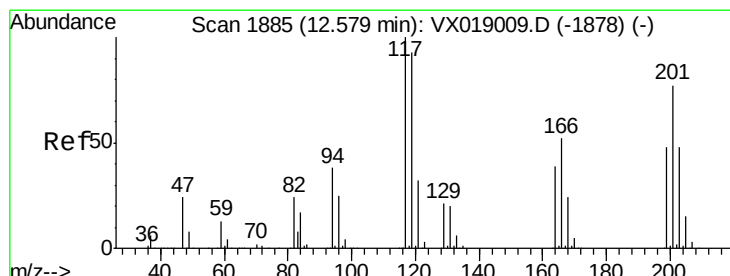
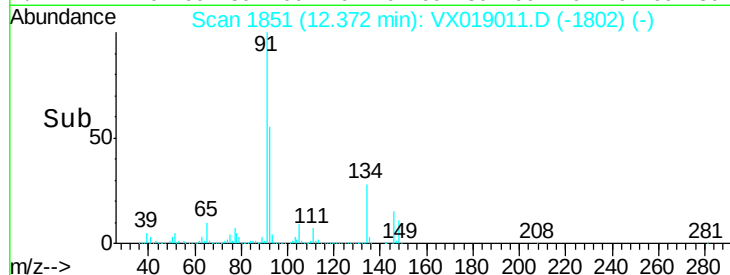
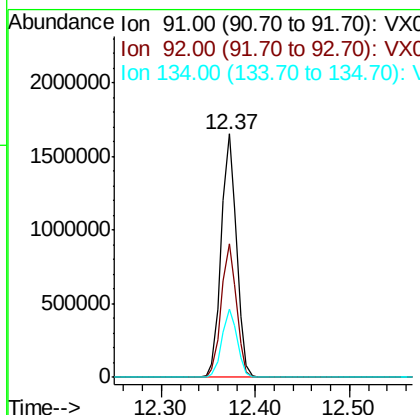
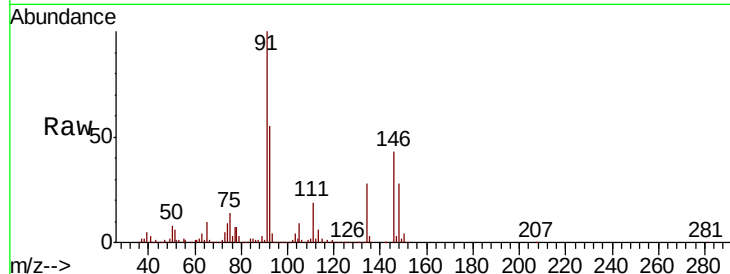




#89
n-Butylbenzene
Concen: 151.405 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

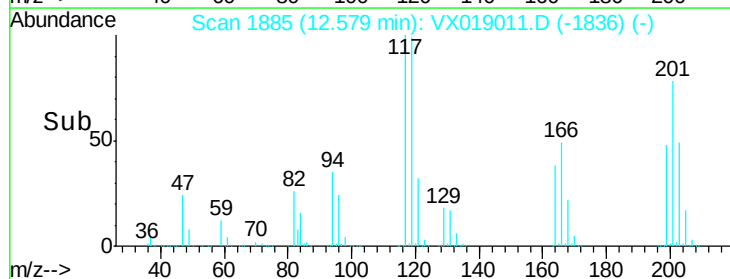
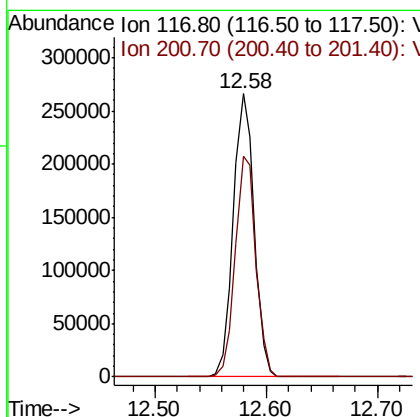
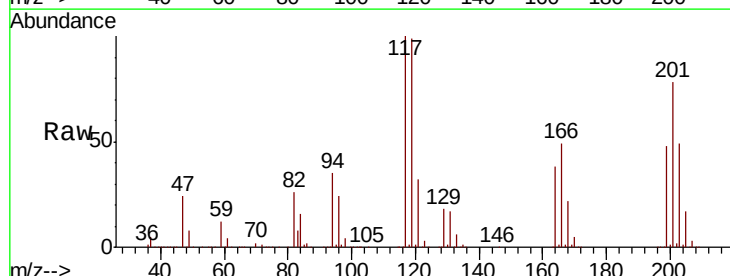
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

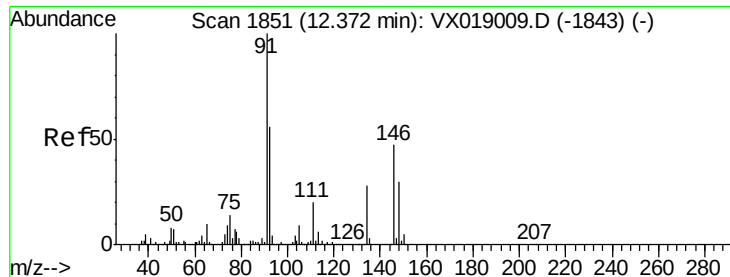
Tot Ion: 91 Resp: 1858626
Ion Ratio Lower Upper
91 100
92 54.5 27.3 81.9
134 27.9 13.6 40.7



#90
Hexachloroethane
Concen: 167.903 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019011.D
Acq: 21 Oct 2020 19:52

Tgt Ion: 117 Resp: 344725
Ion Ratio Lower Upper
117 100
201 77.7 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 155.678 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

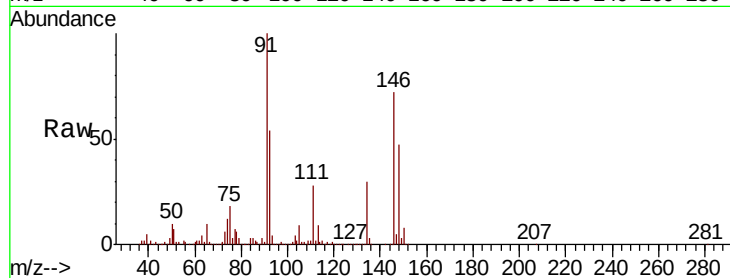
Tot Ion:146 Resp: 1002624

Ion Ratio Lower Upper

146 100

111 41.1 19.9 59.7

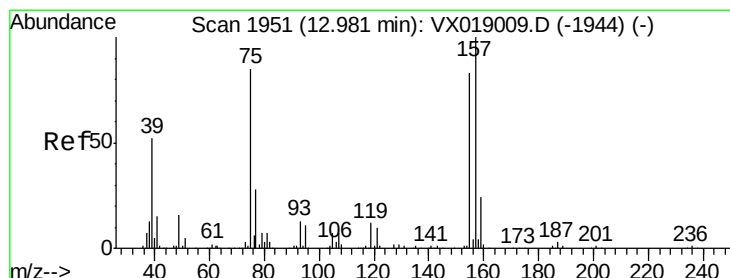
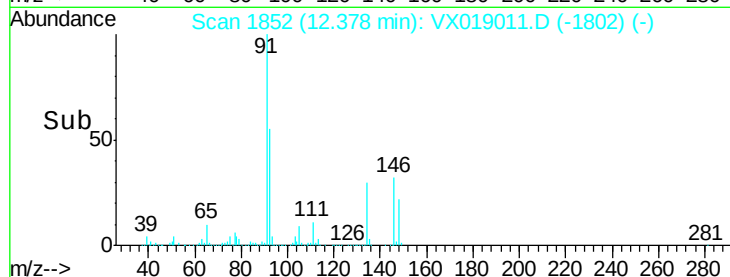
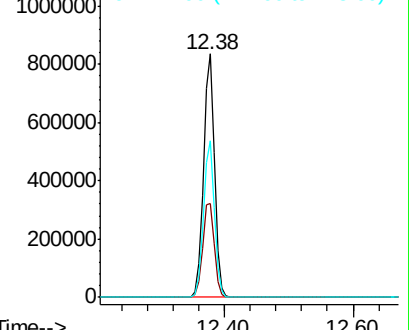
148 64.5 31.4 94.3



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: 157.121 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

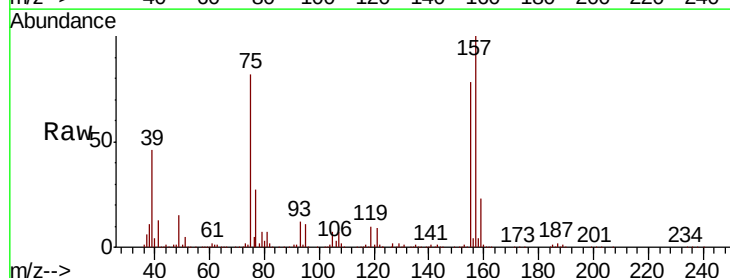
Tgt Ion: 75 Resp: 160703

Ion Ratio Lower Upper

75 100

155 97.6 47.3 142.0

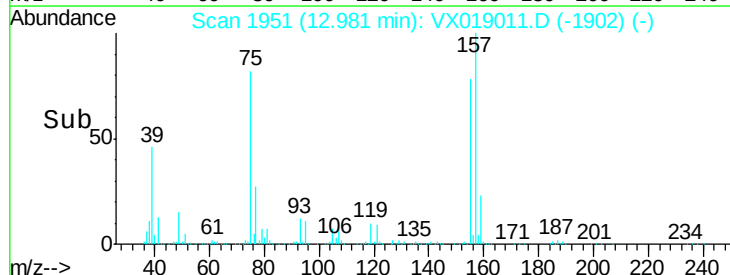
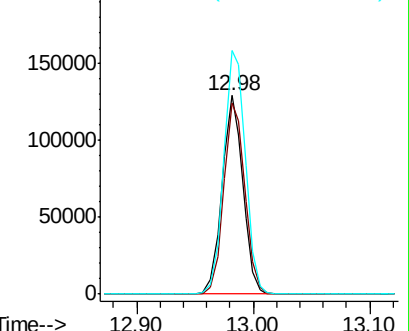
157 127.1 59.7 179.0

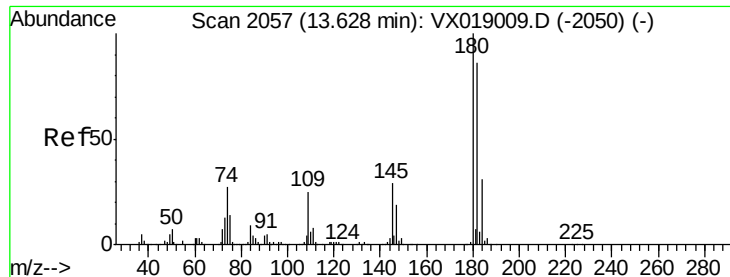


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

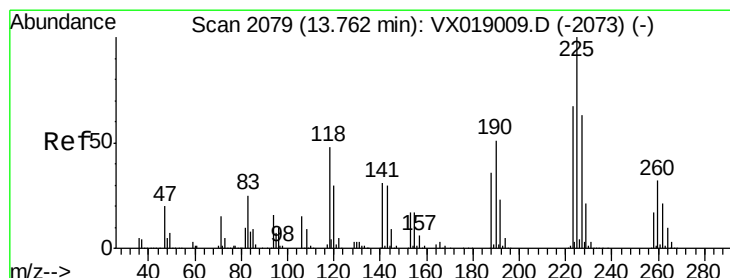
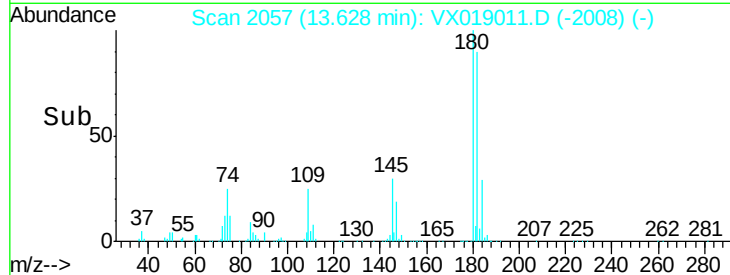
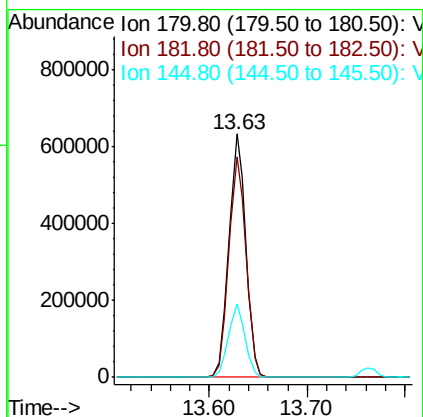
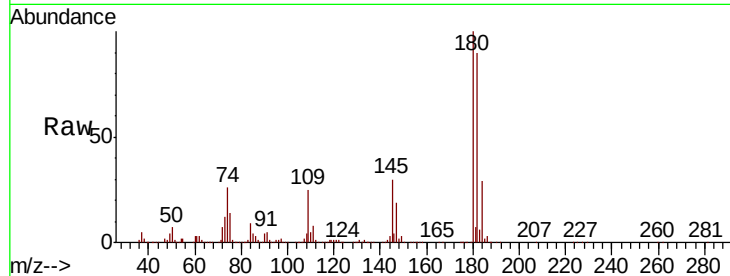




#93
 1,2,4-Trichlorobenzene
 Concen: 161.484 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

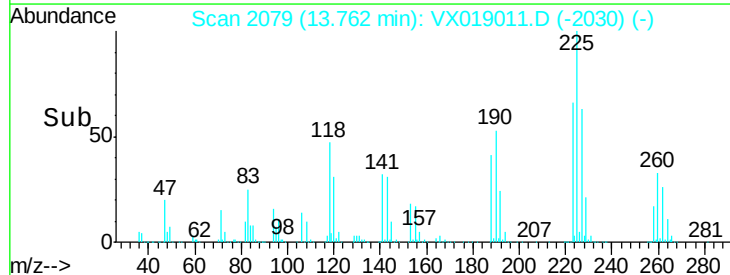
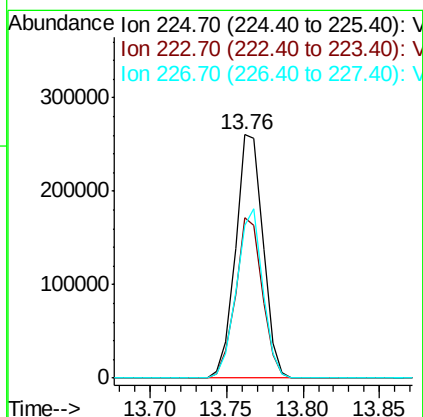
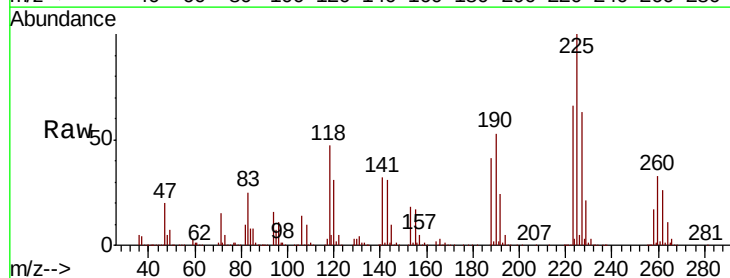
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

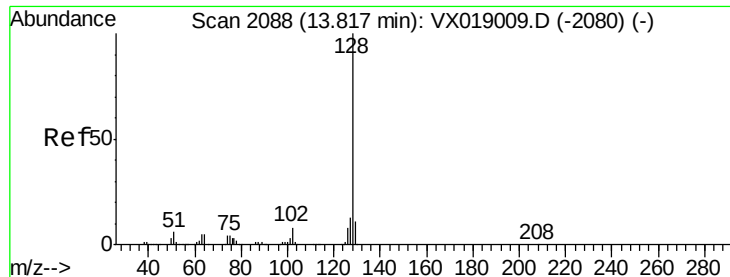
Tot Ion:180 Resp: 760882
 Ion Ratio Lower Upper
 180 100
 182 92.2 46.4 139.2
 145 29.6 15.2 45.6



#94
 Hexachlorobutadiene
 Concen: 148.403 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019011.D
 Acq: 21 Oct 2020 19:52

Tgt Ion:225 Resp: 324181
 Ion Ratio Lower Upper
 225 100
 223 64.4 32.5 97.4
 227 66.5 31.9 95.7





#95

Naphthalene

Concen: 163.108 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

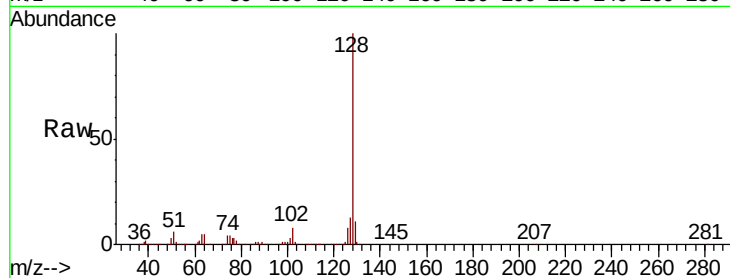
Tot Ion:128 Resp: 2418092

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

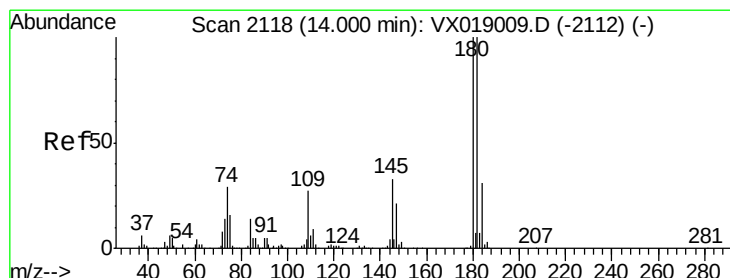
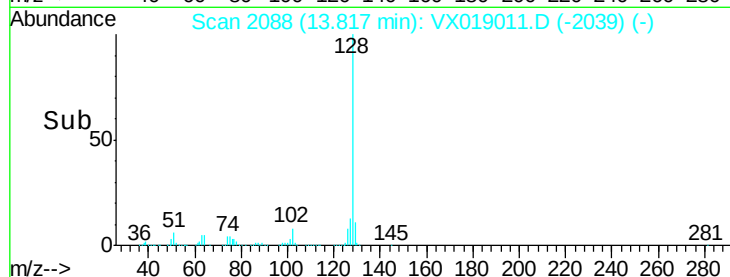
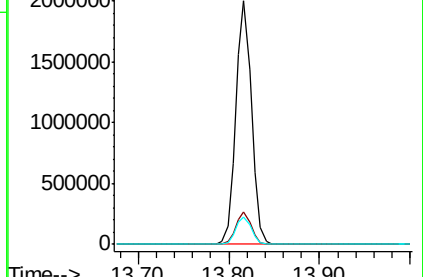
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 162.630 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019011.D

Acq: 21 Oct 2020 19:52

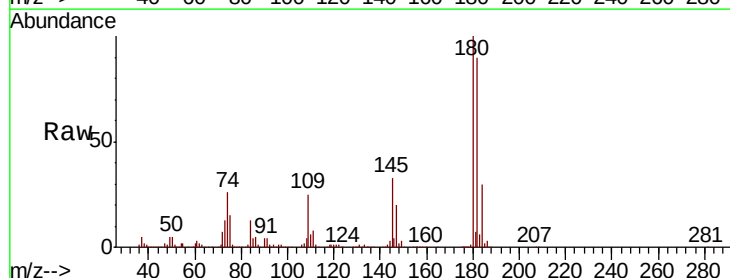
Tgt Ion:180 Resp: 745881

Ion Ratio Lower Upper

180 100

182 94.0 47.3 142.0

145 32.0 15.9 47.6



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

