

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110920\
 Data File : VX019359.D
 Acq On : 09 Nov 2020 11:51
 Operator : JC/MD
 Sample : VX1109WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 10 01:40:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	253592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	422732	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	388176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196404	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	167500	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	
35) Dibromofluoromethane	5.46	113	129528	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
50) Toluene-d8	8.70	98	492496	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.12	95	189420	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	40079	18.958	ug/l	100
3) Chloromethane	1.31	50	46146	19.538	ug/l	99
4) Vinyl Chloride	1.39	62	53943	19.694	ug/l	98
5) Bromomethane	1.63	94	39247	20.981	ug/l	100
6) Chloroethane	1.72	64	36443	20.838	ug/l	98
7) Trichlorofluoromethane	1.92	101	84200	19.567	ug/l	98
8) Diethyl Ether	2.17	74	34721	21.024	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47794	20.038	ug/l	99
10) Methyl Iodide	2.49	142	46818	20.887	ug/l	98
11) Tert butyl alcohol	3.01	59	65827	101.908	ug/l	100
12) 1,1-Dichloroethene	2.36	96	46685	18.994	ug/l	96
13) Acrolein	2.27	56	22750	82.641	ug/l	100
14) Allyl chloride	2.70	41	77899	20.925	ug/l	98
15) Acrylonitrile	3.11	53	142245	104.795	ug/l	99
16) Acetone	2.42	43	121817	107.972	ug/l	98
17) Carbon Disulfide	2.55	76	122190	17.935	ug/l	99
18) Methyl Acetate	2.75	43	59520	21.695	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	176436	20.718	ug/l	99
20) Methylene Chloride	2.83	84	55681	19.658	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	53278	18.835	ug/l	96
22) Diisopropyl ether	3.82	45	162631	21.913	ug/l	92
23) Vinyl Acetate	3.78	43	702746	106.180	ug/l	98
24) 1,1-Dichloroethane	3.67	63	97427	21.025	ug/l	99
25) 2-Butanone	4.63	43	190071	106.896	ug/l	97
26) 2,2-Dichloropropane	4.55	77	88855	20.397	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	61666	19.509	ug/l	96
28) Bromochloromethane	4.98	49	43086	20.453	ug/l	92
29) Tetrahydrofuran	5.08	42	119487	106.633	ug/l	97
30) Chloroform	5.17	83	101080	20.493	ug/l	100
31) Cyclohexane	5.54	56	82622	19.986	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	90692	20.281	ug/l	99
36) 1,1-Dichloropropene	5.76	75	76077	19.489	ug/l	99
37) Ethyl Acetate	4.79	43	73798	20.361	ug/l	99
38) Carbon Tetrachloride	5.75	117	77036	19.361	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	88790	19.023	ug/l	98
40) Benzene	6.11	78	219191	19.804	ug/l	99
41) Methacrylonitrile	5.00	41	39334	20.152	ug/l	100
42) 1,2-Dichloroethane	6.16	62	82710	20.277	ug/l	99
43) Isopropyl Acetate	6.41	43	122678	20.215	ug/l	99
44) Trichloroethene	7.18	130	59532	18.781	ug/l	95
45) 1,2-Dichloropropane	7.49	63	56249	20.749	ug/l	99
46) Dibromomethane	7.63	93	38834	19.372	ug/l	96
47) Bromodichloromethane	7.87	83	78997	19.993	ug/l	99
48) Methyl methacrylate	7.74	41	60148	20.592	ug/l	97
49) 1,4-Dioxane	7.71	88	26956	414.969	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	371674	106.557	ug/l	99
52) Toluene	8.76	92	141333	19.827	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	86618	19.193	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	93954	19.798	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	56407	20.027	ug/l	99
56) Ethyl methacrylate	9.16	69	84797	19.932	ug/l	97
57) 1,3-Dichloropropane	9.35	76	96397	20.300	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	223812	94.068	ug/l	96
59) 2-Hexanone	9.47	43	286658	107.964	ug/l	97
60) Dibromochloromethane	9.56	129	58829	19.246	ug/l	99
61) 1,2-Dibromoethane	9.65	107	58296	19.355	ug/l	100
64) Tetrachloroethene	9.32	164	56804	19.207	ug/l	99
65) Chlorobenzene	10.12	112	149243	18.811	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	53745	18.817	ug/l	99
67) Ethyl Benzene	10.23	91	270745	19.151	ug/l	99
68) m/p-Xylenes	10.34	106	201665	38.006	ug/l	97
69) o-Xylene	10.68	106	95933	19.062	ug/l	99
70) Styrene	10.70	104	162338	18.905	ug/l	99
71) Bromoform	10.84	173	40509	17.888	ug/l #	98
73) Isopropylbenzene	11.00	105	265363	19.087	ug/l	99
74) N-amyl acetate	10.88	43	99584	19.591	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	85802	19.748	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	99699	24.585	ug/l	86
77) Bromobenzene	11.24	156	61859	17.928	ug/l	91
78) n-propylbenzene	11.34	91	306753	19.329	ug/l	99
79) 2-Chlorotoluene	11.40	91	182124	19.492	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	224883	19.147	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	26817	17.411	ug/l	94
82) 4-Chlorotoluene	11.49	91	216466	18.972	ug/l	98
83) tert-Butylbenzene	11.76	119	214075	19.036	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	227227	19.164	ug/l	99
85) sec-Butylbenzene	11.93	105	257422	19.086	ug/l	99
86) p-Isopropyltoluene	12.05	119	235749	18.937	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	117463	18.280	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	117359	17.546	ug/l	95
89) n-Butylbenzene	12.37	91	218293	18.655	ug/l	99
90) Hexachloroethane	12.58	117	39044	18.452	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	113995	18.476	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19279	18.126	ug/l	93

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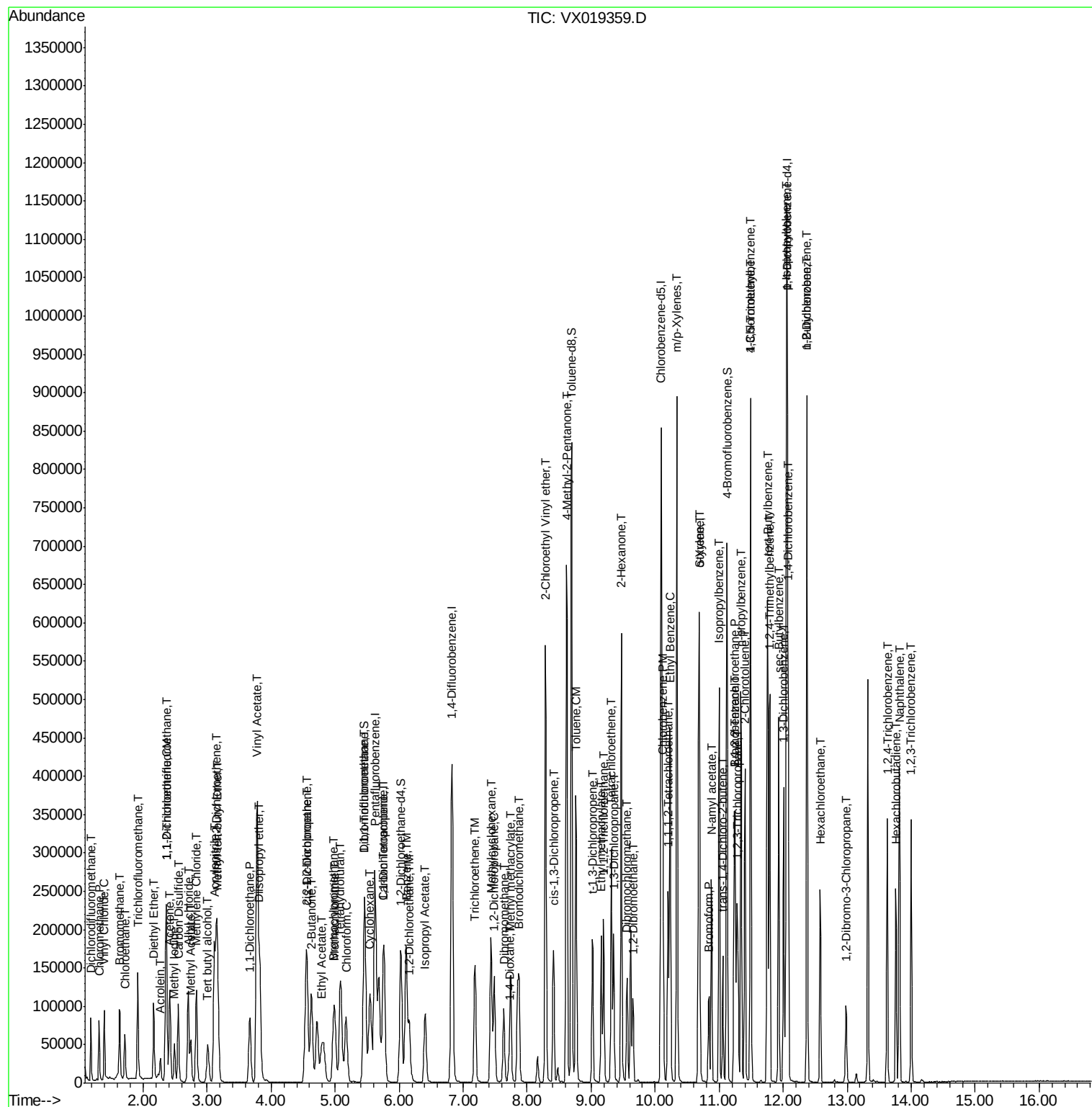
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	76740	16.558	ug/l	97
94) Hexachlorobutadiene	13.76	225	33574	16.457	ug/l	98
95) Naphthalene	13.82	128	249761	17.111	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	77155	17.161	ug/l	98

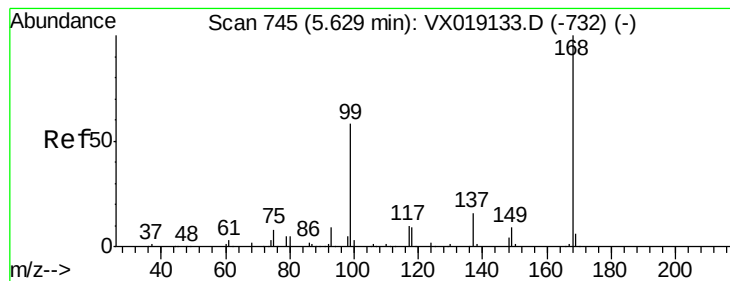
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :

Quant Time: Nov 10 01:40:27 2020
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Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019359.D

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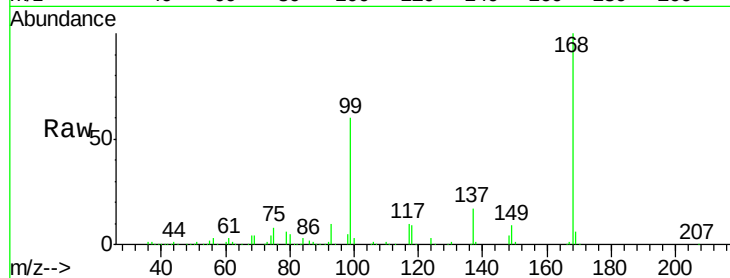
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 253592

Ion Ratio Lower Upper

168 100

99 59.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

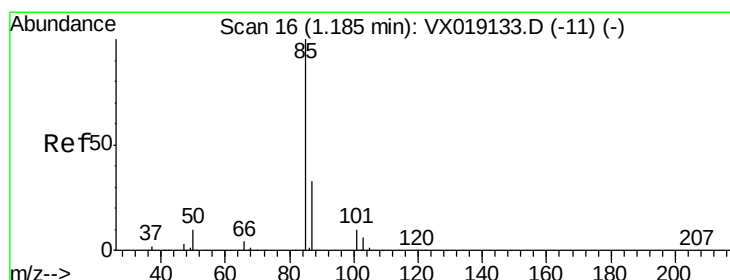
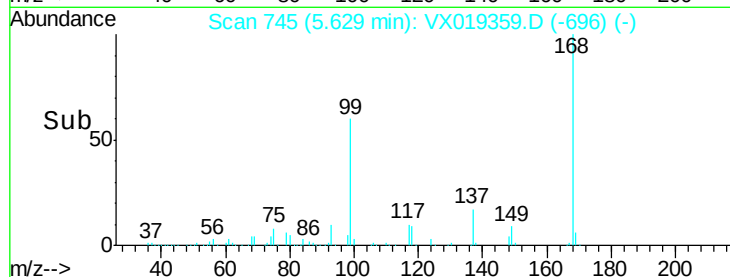
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.958 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019359.D

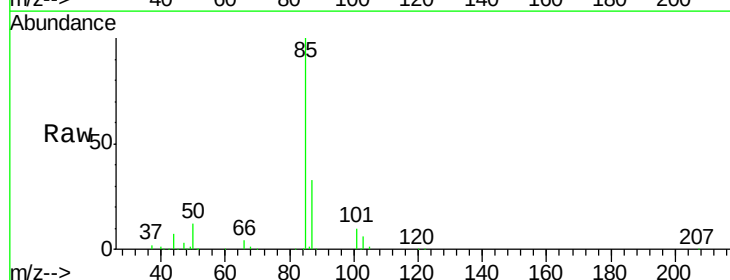
Acq: 09 Nov 2020 11:51

Tgt Ion: 85 Resp: 40079

Ion Ratio Lower Upper

85 100

87 33.2 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

50000

40000

30000

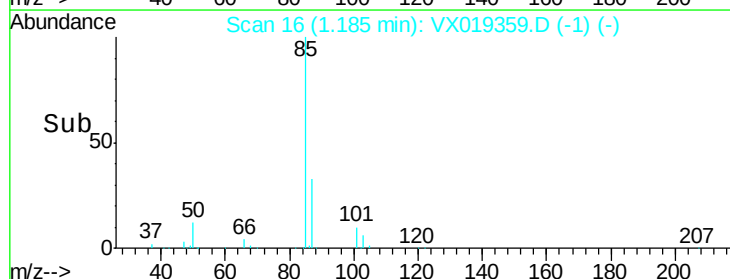
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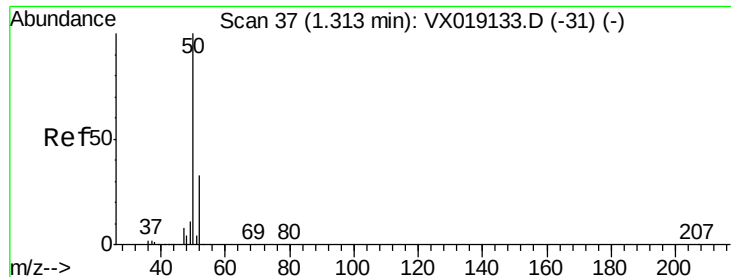
10000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 19.538 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

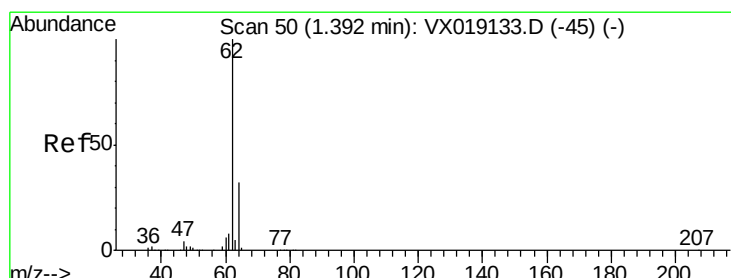
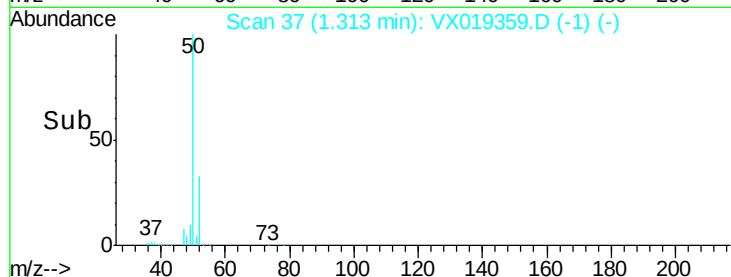
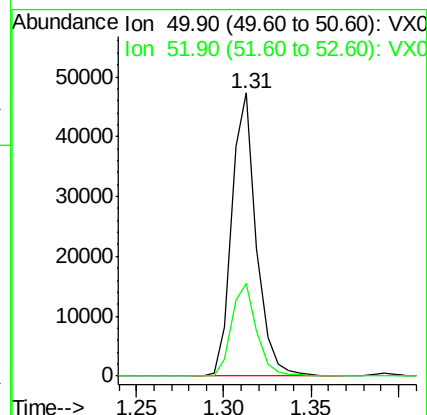
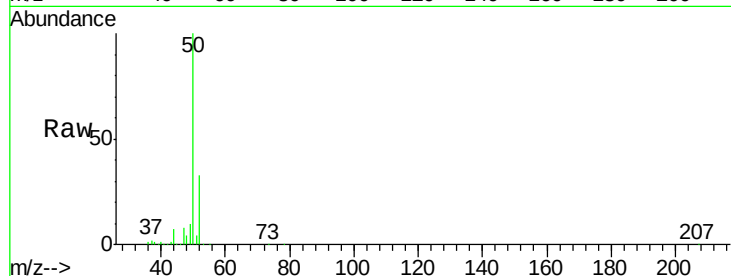
ClientSampleId :

Tot Ion: 50 Resp: 46146

Ion Ratio Lower Upper

50 100

52 32.8 26.8 40.2



#4

Vinyl Chloride

Concen: 19.694 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019359.D

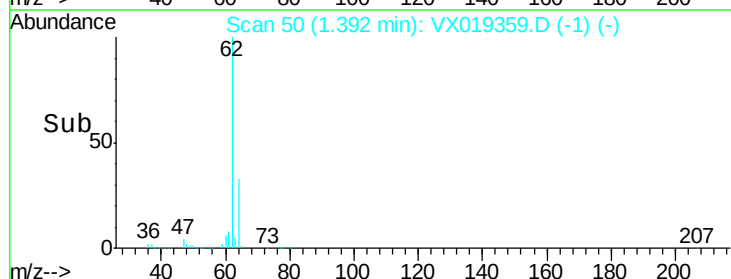
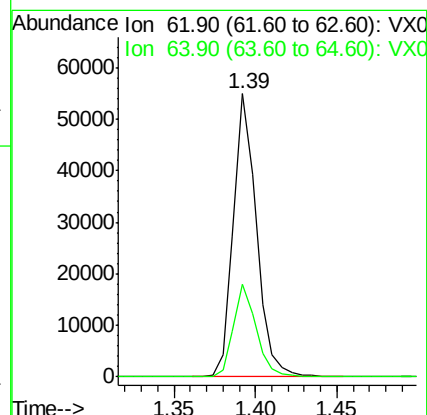
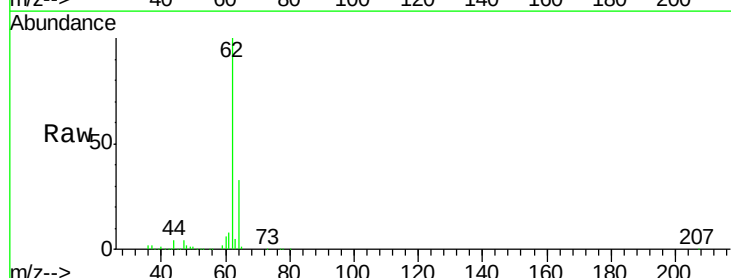
Acq: 09 Nov 2020 11:51

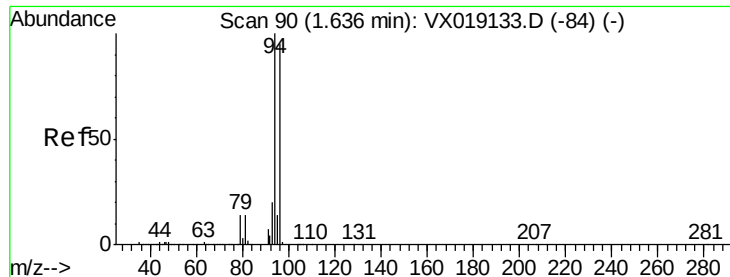
Tgt Ion: 62 Resp: 53943

Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.0





#5

Bromomethane

Concen: 20.981 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

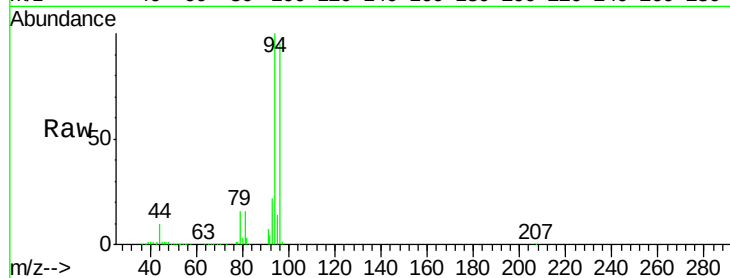
ClientSampled :

Tot Ion: 94 Resp: 39247

Ion Ratio Lower Upper

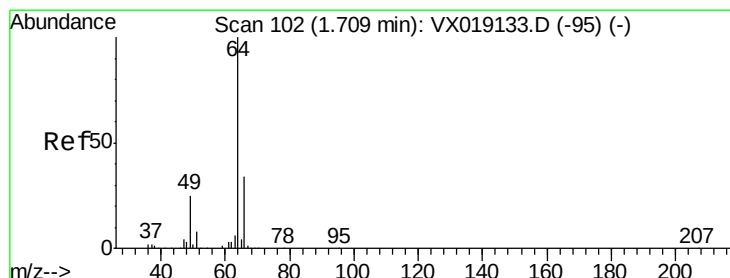
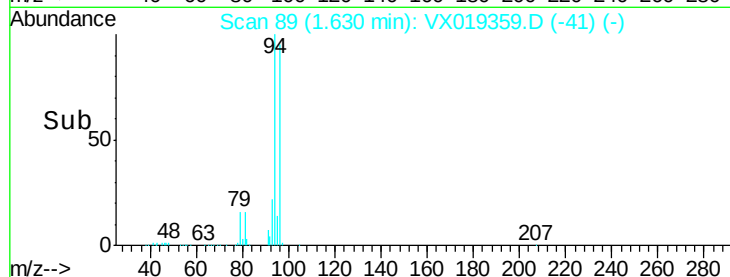
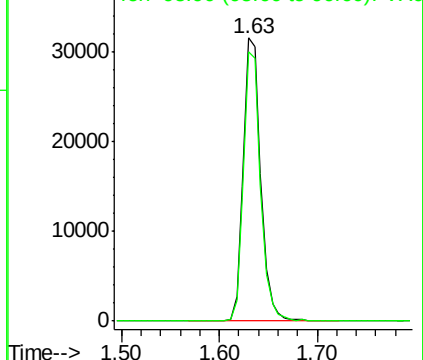
94 100

96 95.3 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.838 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019359.D

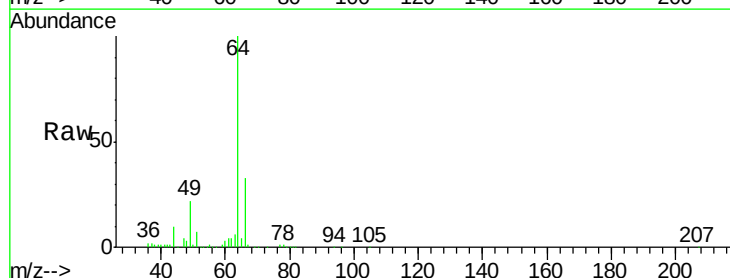
Acq: 09 Nov 2020 11:51

Tgt Ion: 64 Resp: 36443

Ion Ratio Lower Upper

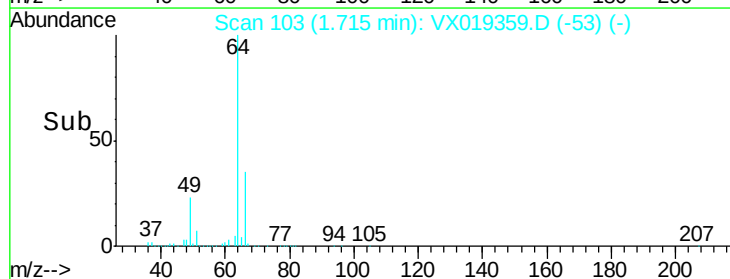
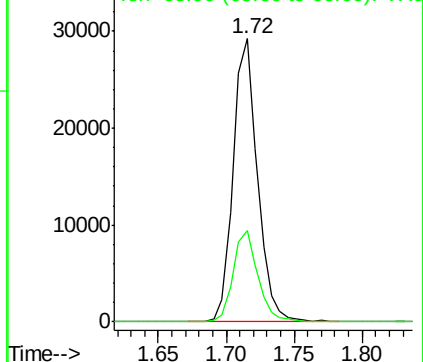
64 100

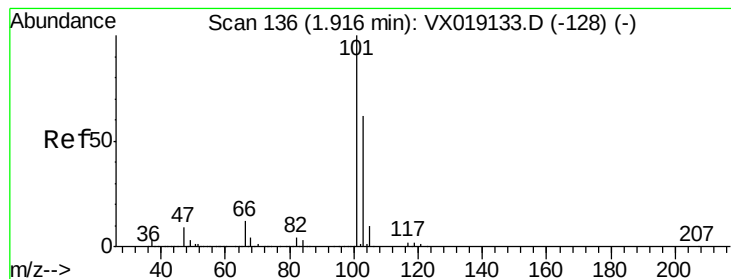
66 32.5 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



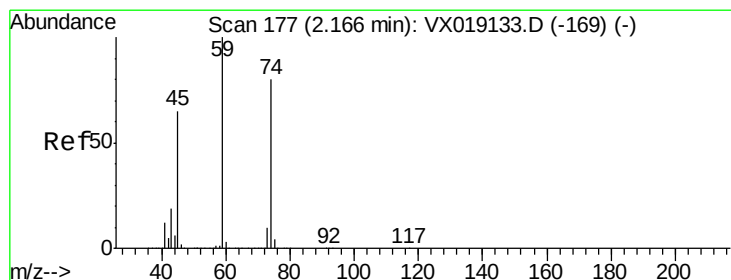
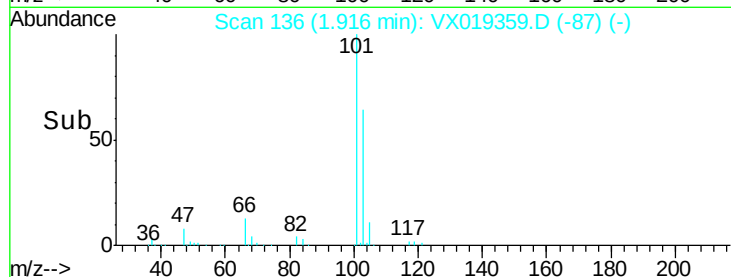
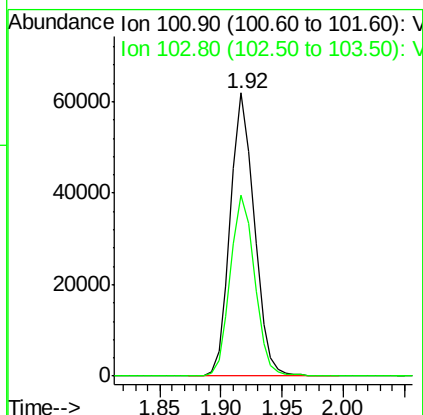
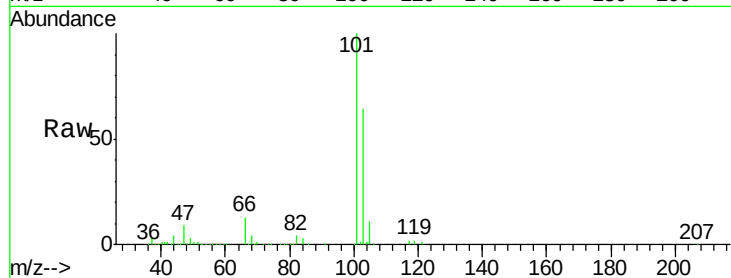


#7

Trichlorofluoromethane
Concen: 19.567 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

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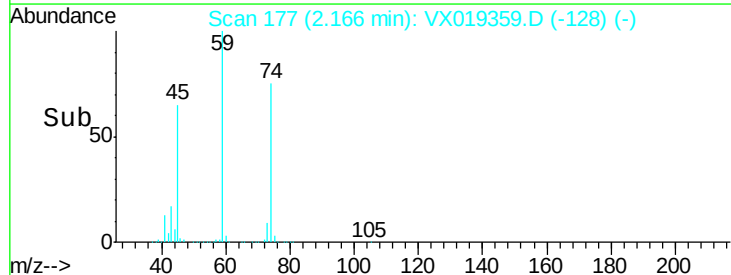
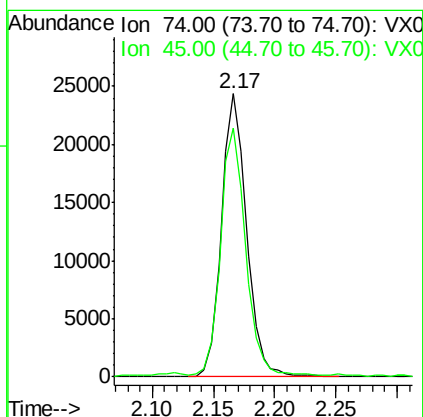
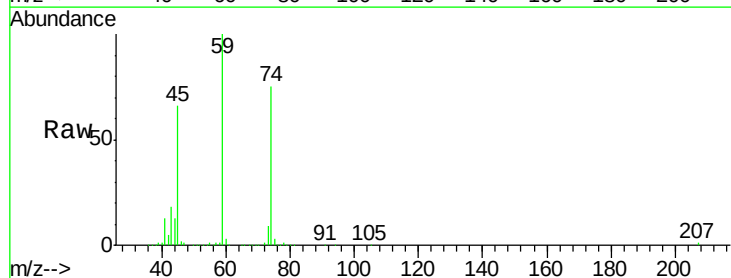
Tot Ion:101 Resp: 84200
Ion Ratio Lower Upper
101 100
103 64.0 50.0 75.0

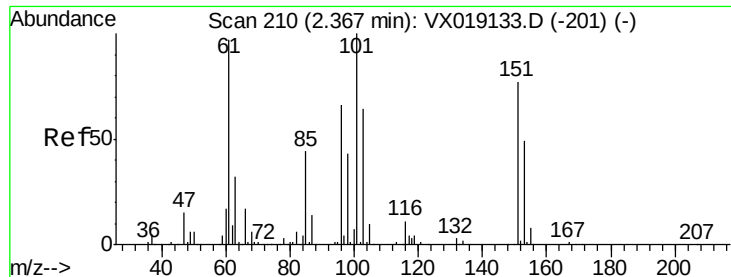


#8

Diethyl Ether
Concen: 21.024 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion: 74 Resp: 34721
Ion Ratio Lower Upper
74 100
45 86.0 41.0 123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.038 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

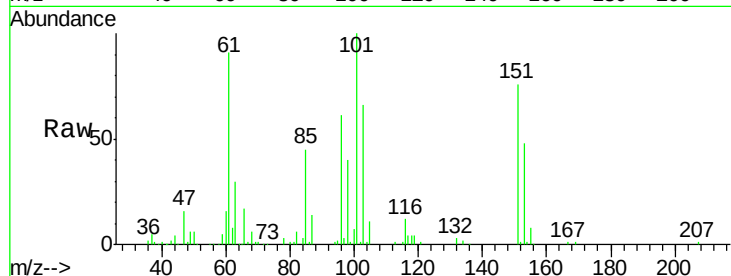
Tot Ion:101 Resp: 47794

Ion Ratio Lower Upper

101 100

85 44.7 35.0 52.4

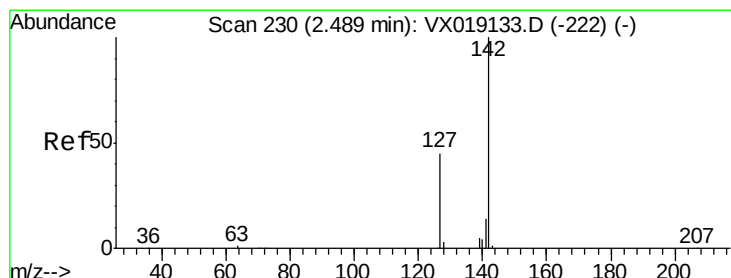
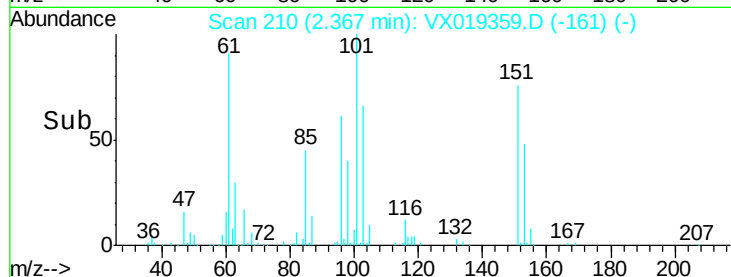
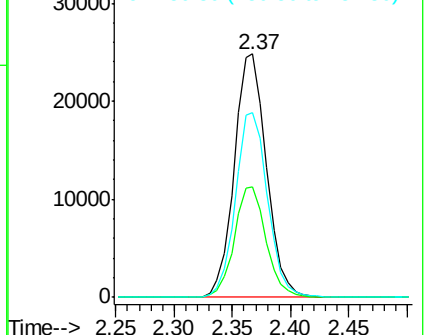
151 75.7 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.887 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

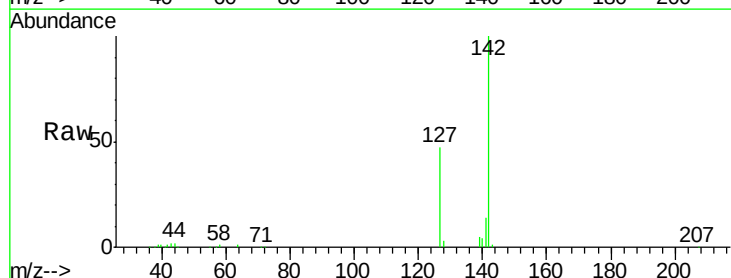
Tgt Ion:142 Resp: 46818

Ion Ratio Lower Upper

142 100

127 46.4 36.1 54.1

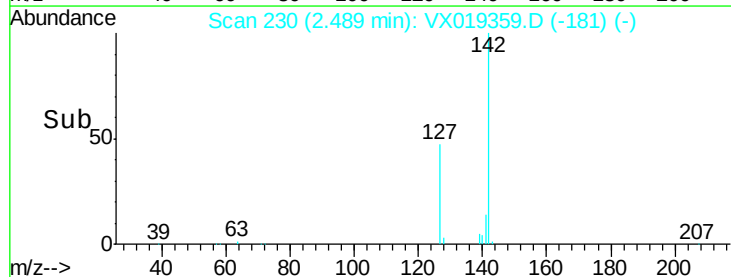
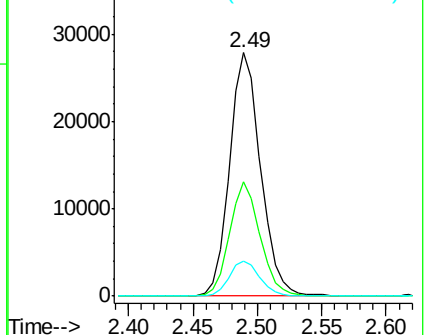
141 14.4 11.3 16.9

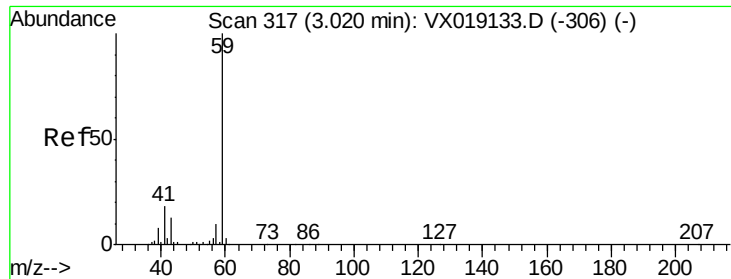


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



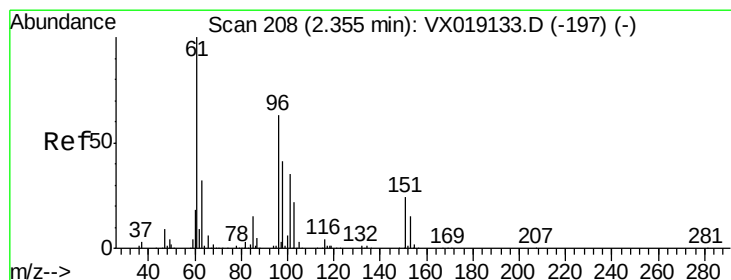
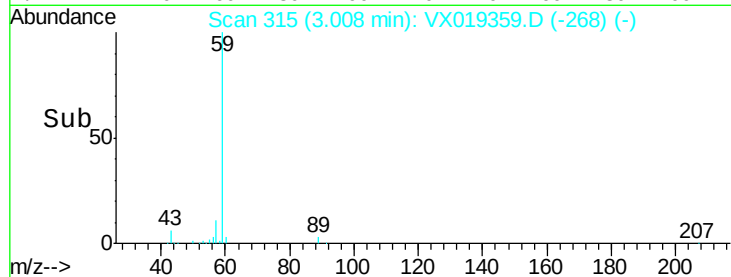
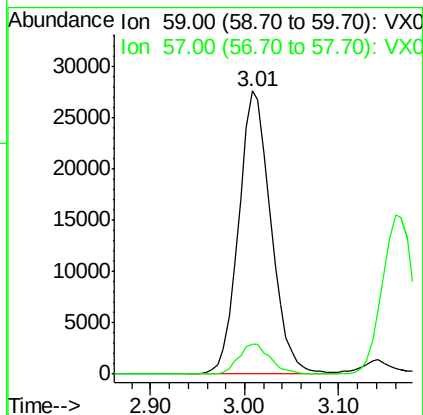
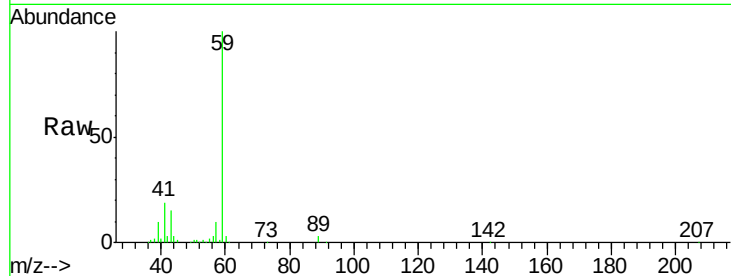


#11

Tert butyl alcohol
Concen: 101.908 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampled :

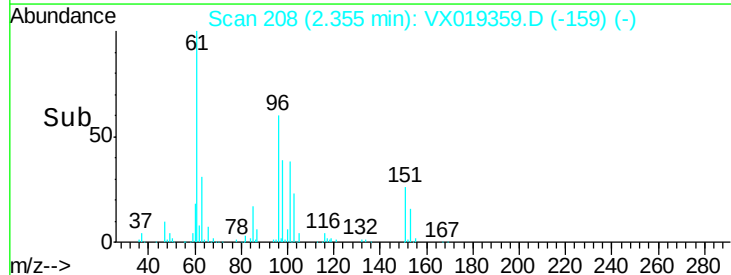
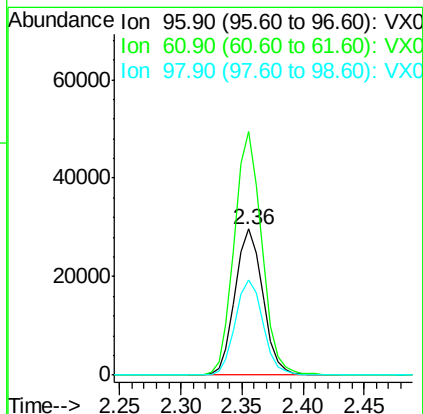
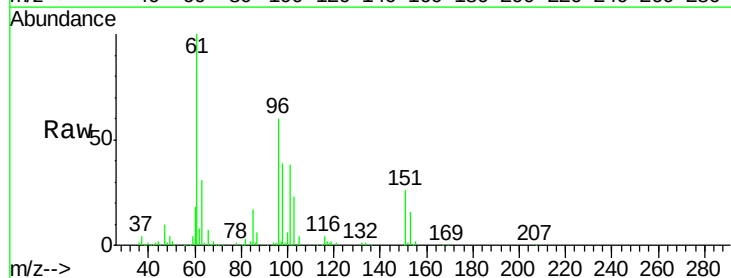
Tot Ion: 59 Resp: 65827
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6

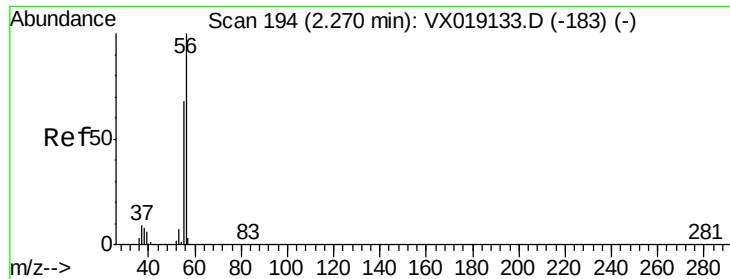


#12

1,1-Dichloroethene
Concen: 18.994 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion: 96 Resp: 46685
Ion Ratio Lower Upper
96 100
61 166.6 127.7 191.5
98 65.0 52.1 78.1





#13

Acrolein

Concen: 82.641 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

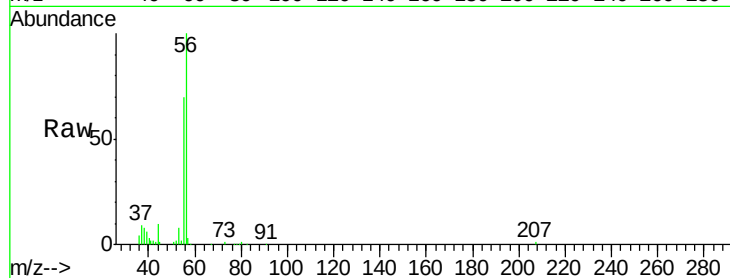
ClientSampleId :

Tot Ion: 56 Resp: 22750

Ion Ratio Lower Upper

56 100

55 68.7 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

15000

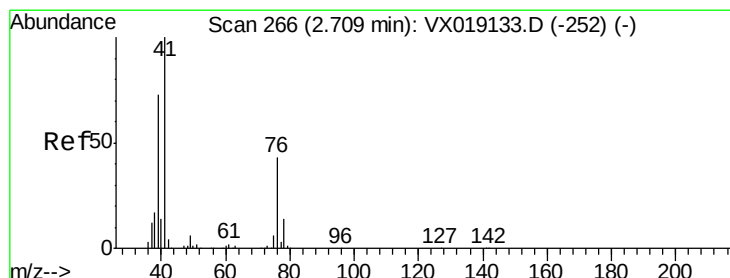
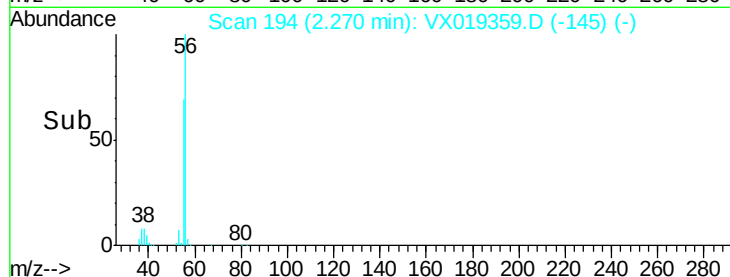
10000

5000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 20.925 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

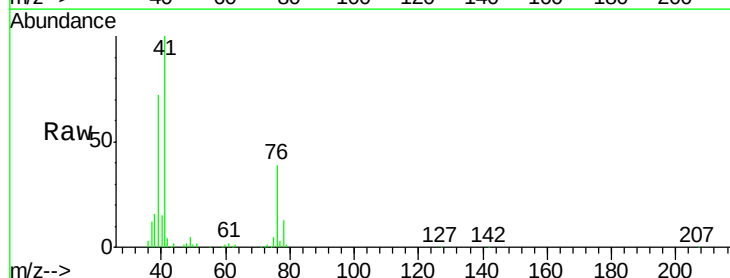
Tgt Ion: 41 Resp: 77899

Ion Ratio Lower Upper

41 100

39 68.3 55.2 82.8

76 36.9 31.5 47.3



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

100000

80000

60000

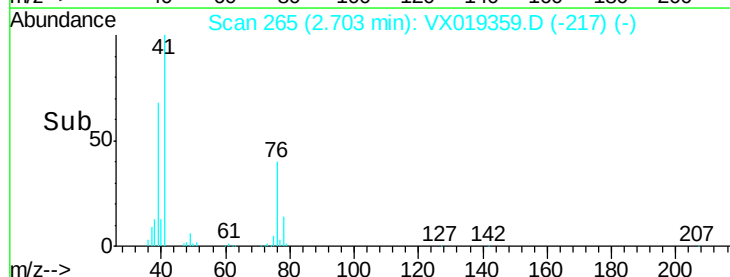
40000

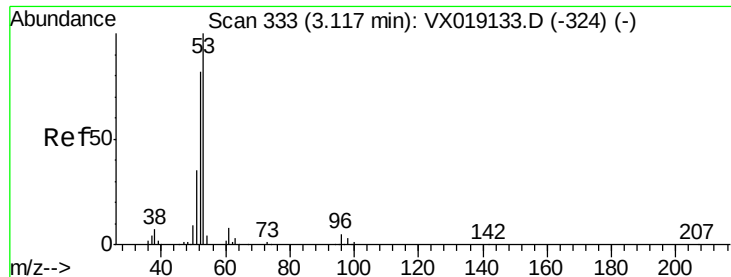
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 104.795 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

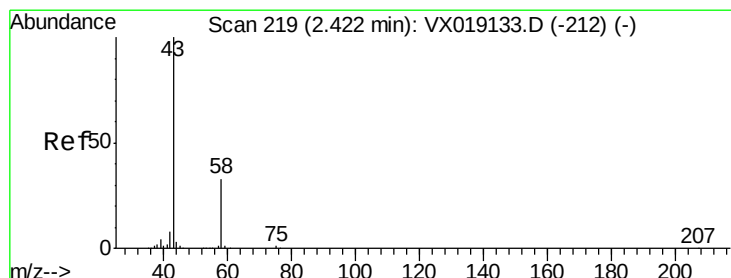
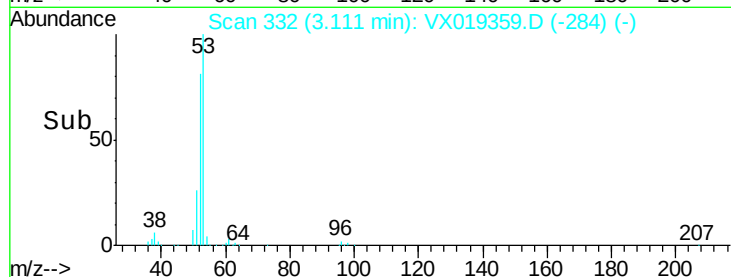
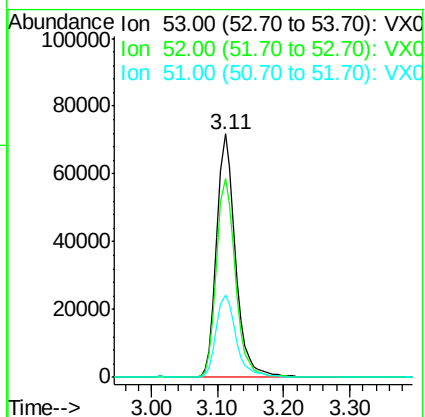
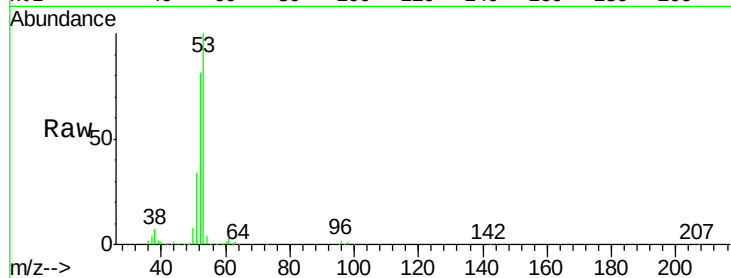
Tot Ion: 53 Resp: 142245

Ion Ratio Lower Upper

53 100

52 81.7 65.7 98.5

51 35.9 28.4 42.6



#16

Acetone

Concen: 107.972 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019359.D

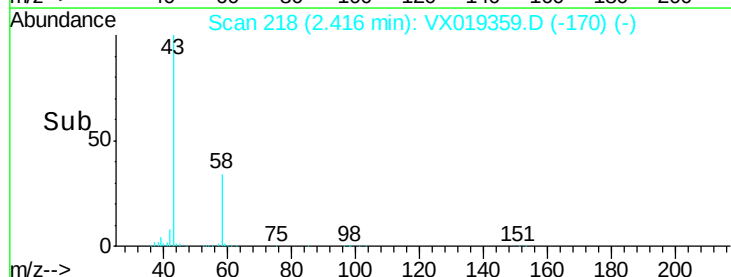
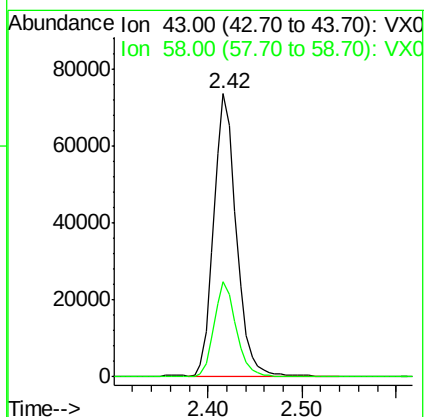
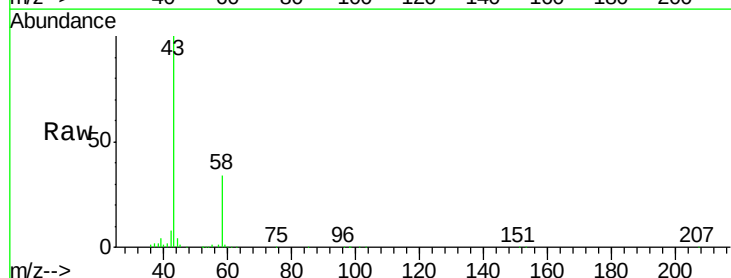
Acq: 09 Nov 2020 11:51

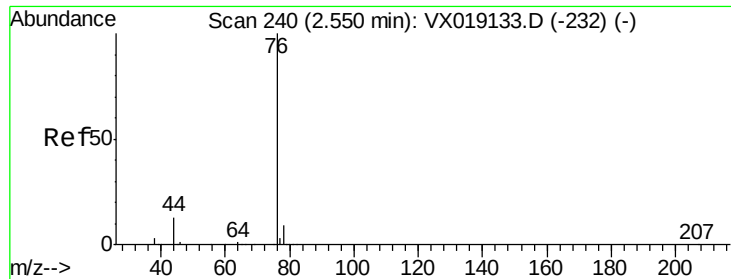
Tgt Ion: 43 Resp: 121817

Ion Ratio Lower Upper

43 100

58 33.8 26.3 39.5





#17

Carbon Disulfide

Concen: 17.935 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

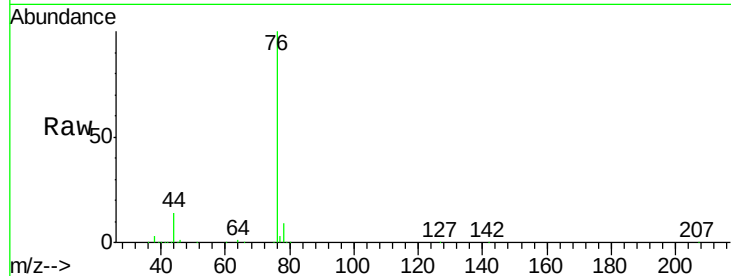
ClientSampled :

Tot Ion: 76 Resp: 122190

Ion Ratio Lower Upper

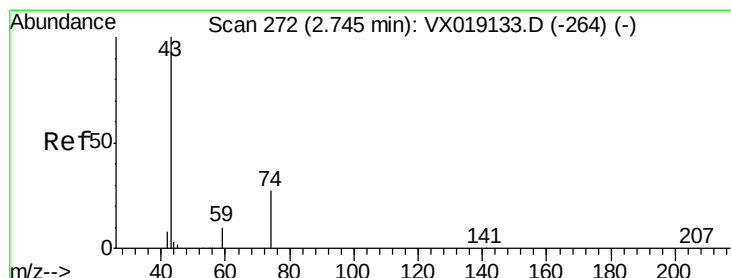
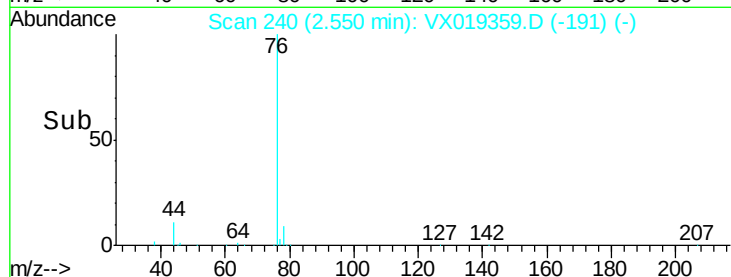
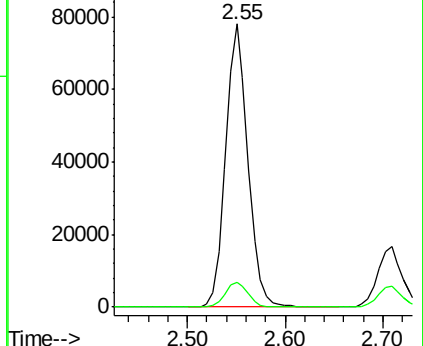
76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.695 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX019359.D

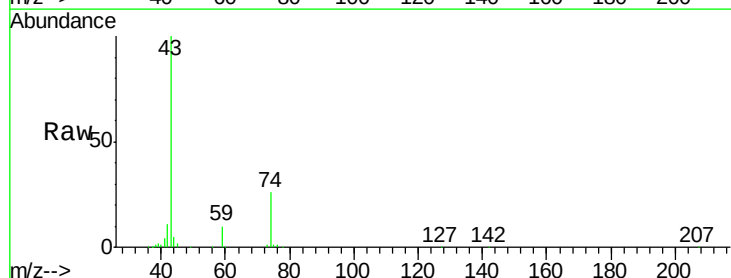
Acq: 09 Nov 2020 11:51

Tgt Ion: 43 Resp: 59520

Ion Ratio Lower Upper

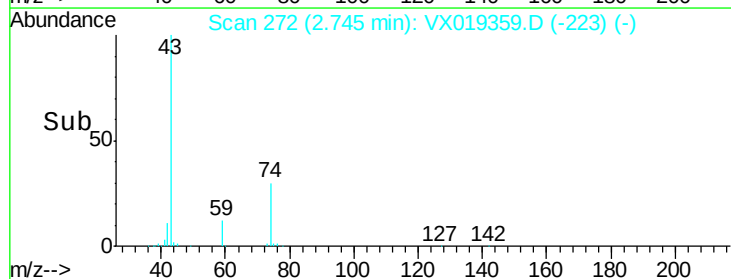
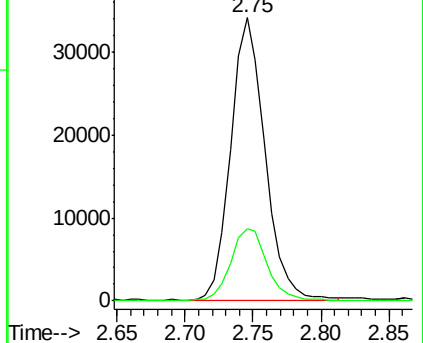
43 100

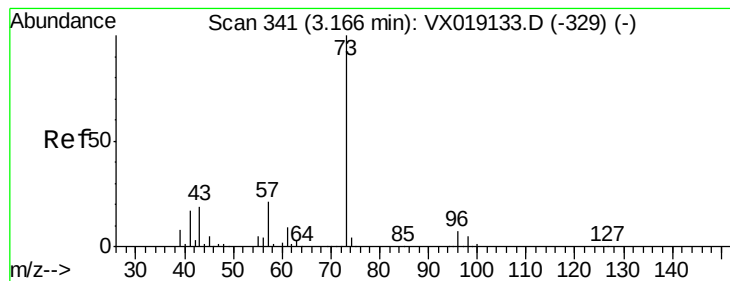
74 27.7 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



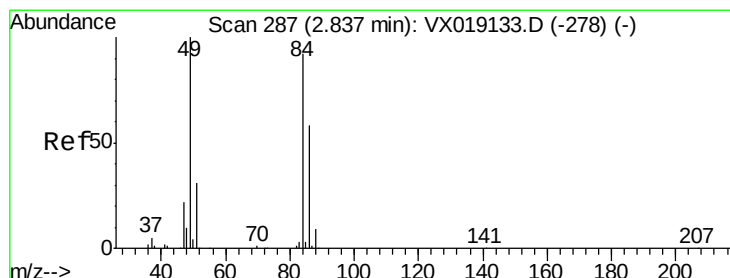
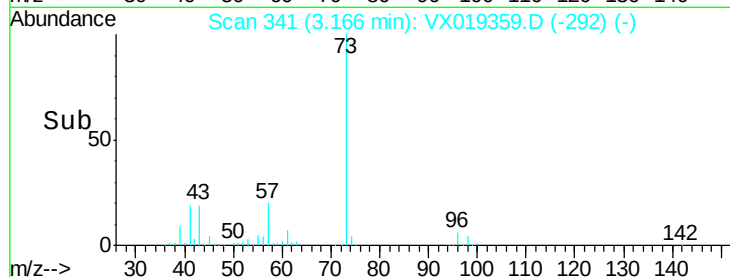
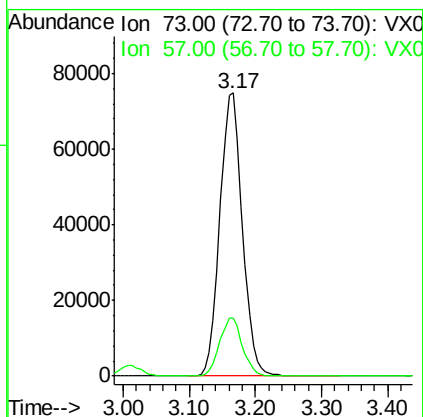
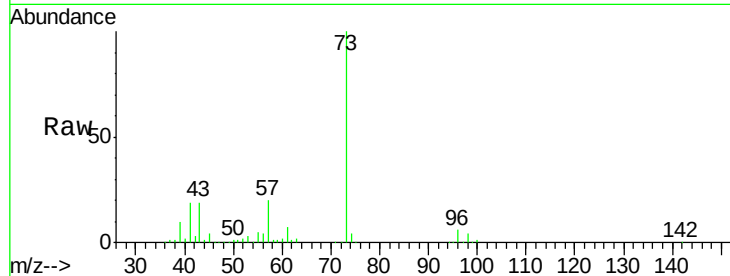


#19

Methyl tert-butyl Ether
 Concen: 20.718 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :

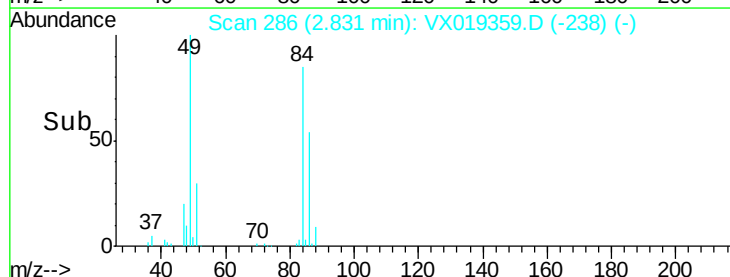
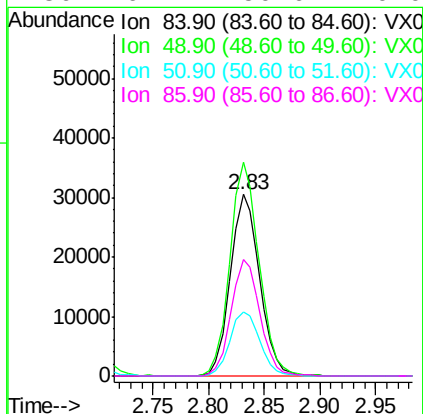
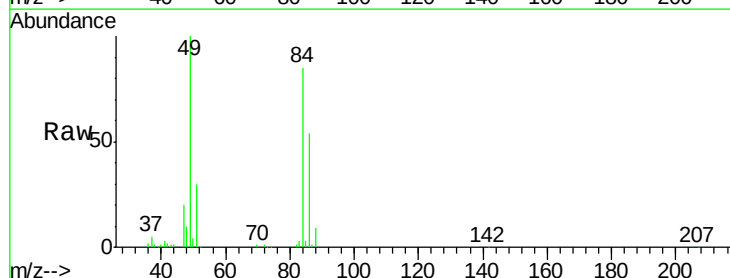
Tot Ion: 73 Resp: 176436
 Ion Ratio Lower Upper
 73 100
 57 20.5 16.6 25.0

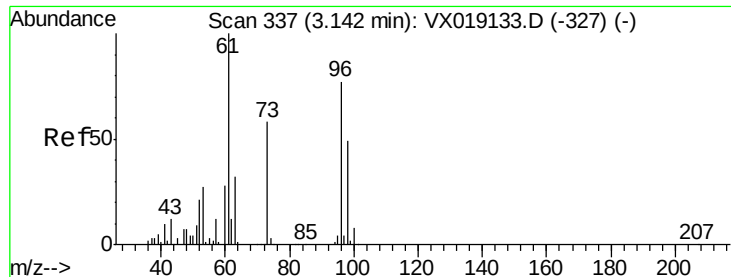


#20

Methylene Chloride
 Concen: 19.658 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion: 84 Resp: 55681
 Ion Ratio Lower Upper
 84 100
 49 117.6 86.8 130.2
 51 35.5 27.3 40.9
 86 64.1 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 18.835 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

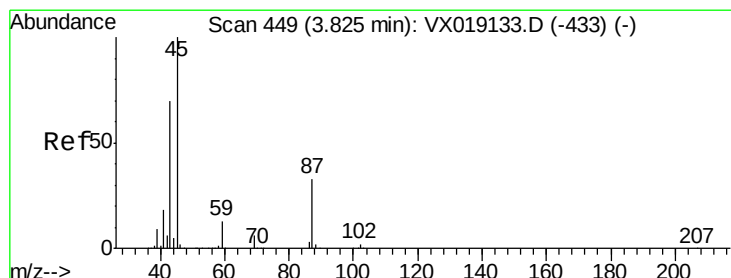
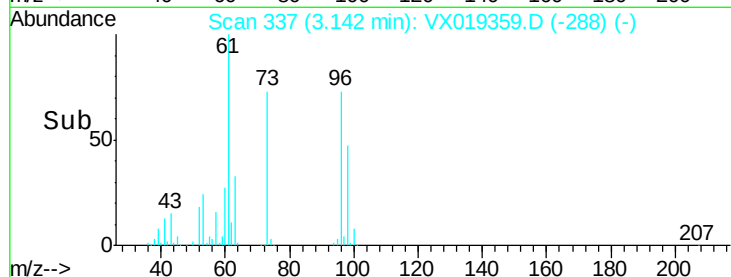
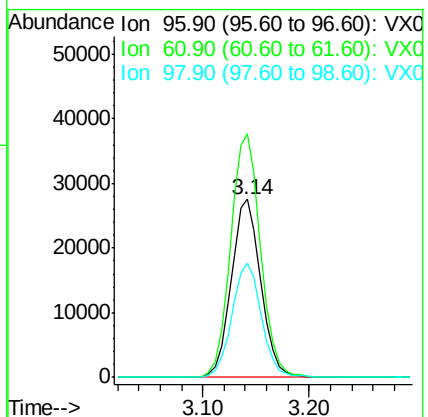
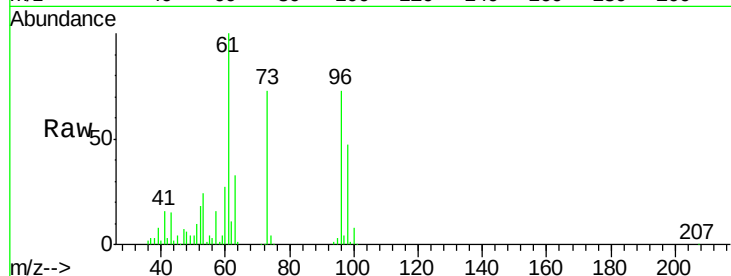
Tot Ion: 96 Resp: 53278

Ion Ratio Lower Upper

96 100

61 137.0 104.2 156.4

98 64.7 51.3 76.9



#22

Diisopropyl ether

Concen: 21.913 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Tgt Ion: 45 Resp: 162631

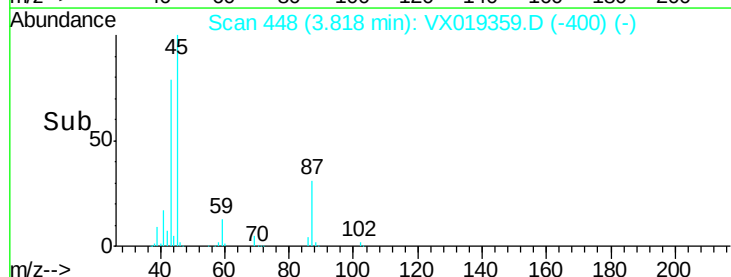
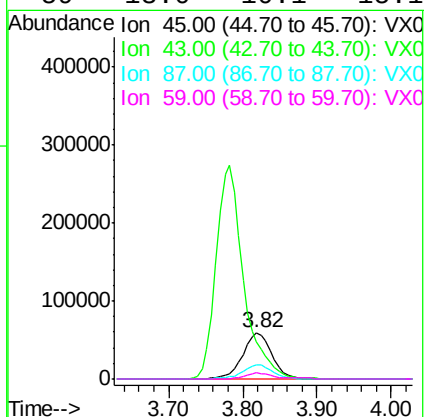
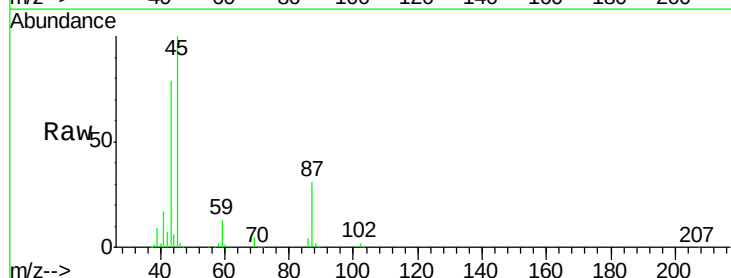
Ion Ratio Lower Upper

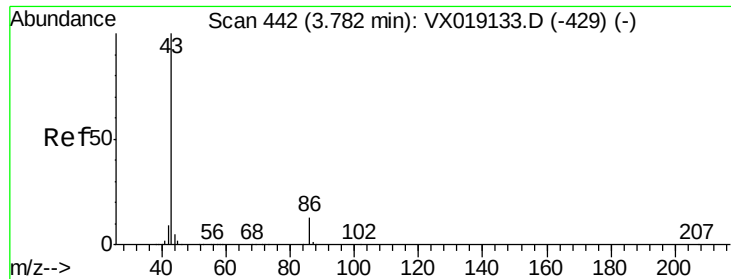
45 100

43 79.2 56.2 84.4

87 30.5 26.2 39.2

59 13.0 10.1 15.1





#23

Vinyl Acetate

Concen: 106.180 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

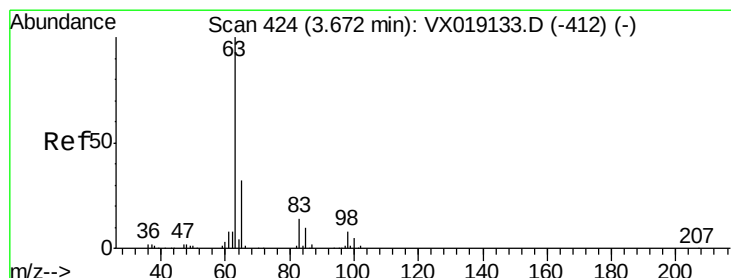
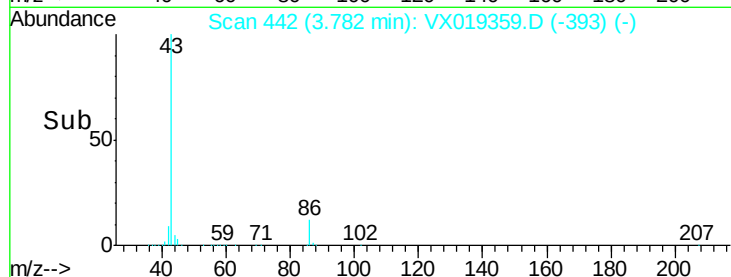
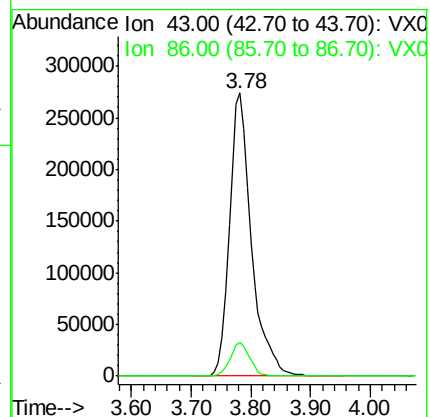
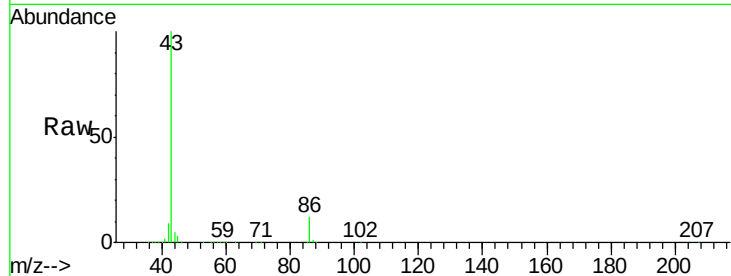
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 702746

Ion Ratio Lower Upper

43 100

86 12.1 10.4 15.6



#24

1,1-Dichloroethane

Concen: 21.025 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

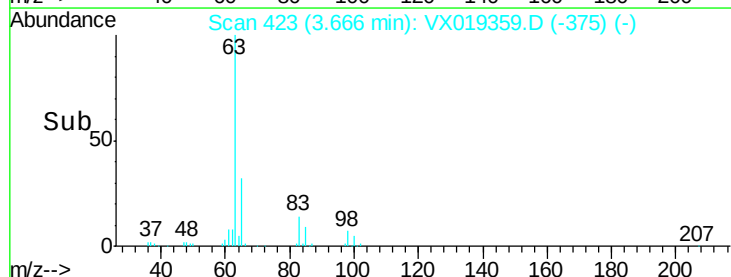
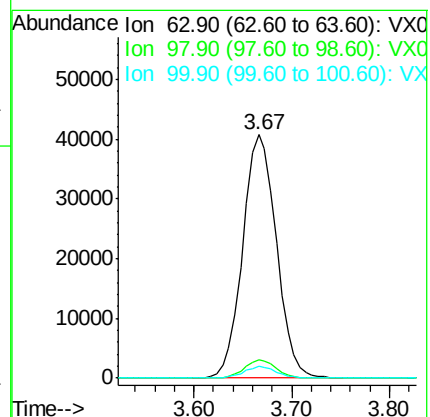
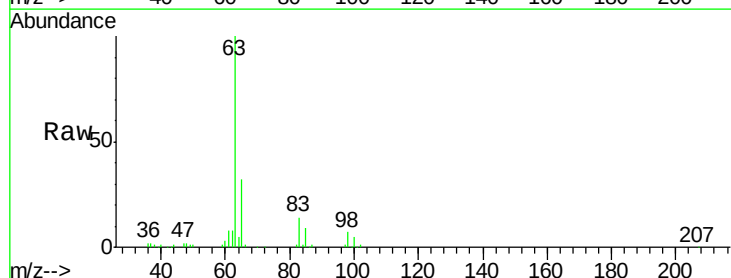
Tgt Ion: 63 Resp: 97427

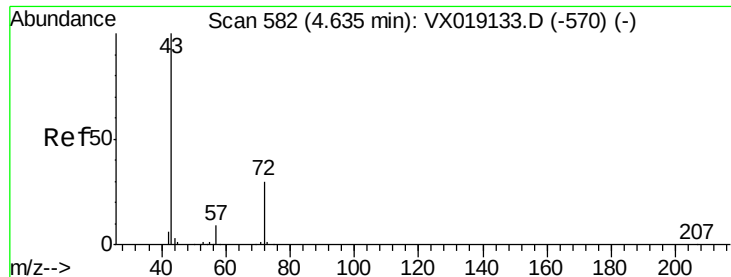
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.9 2.4 7.2

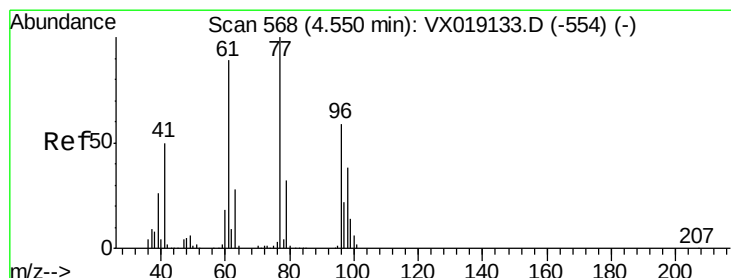
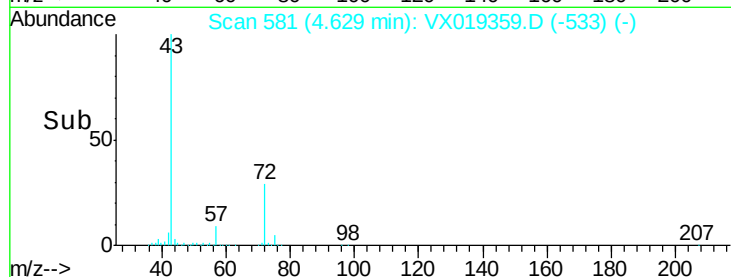
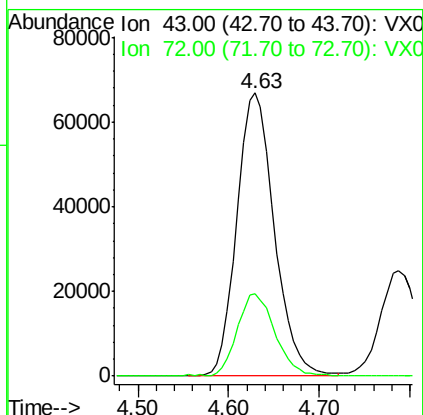
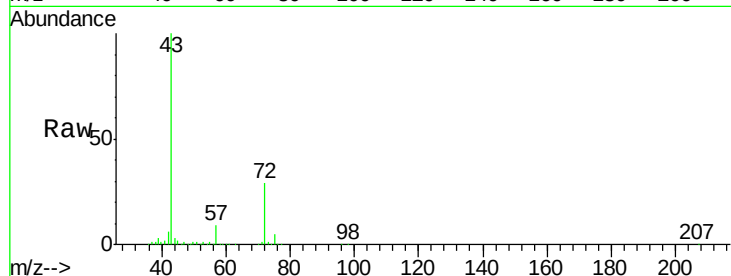




#25
 2-Butanone
 Concen: 106.896 ug/l
 RT: 4.63 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

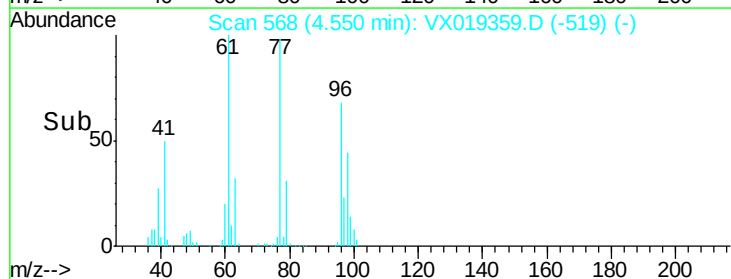
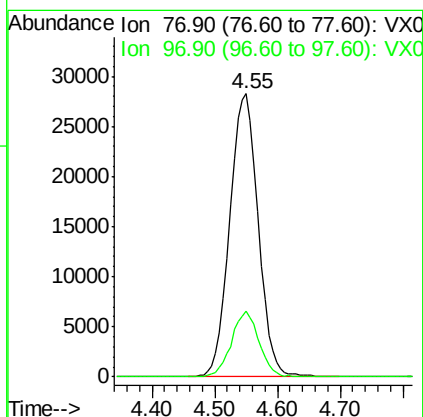
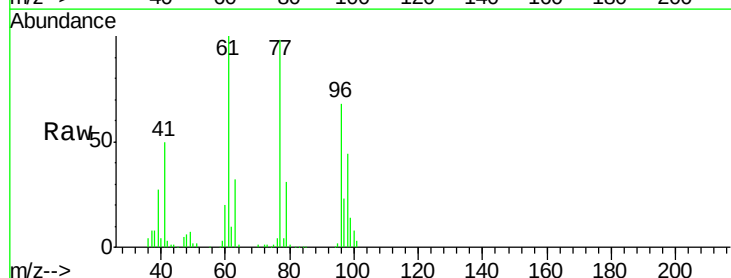
Instrument :
 MSVOA_X
 ClientSampled :

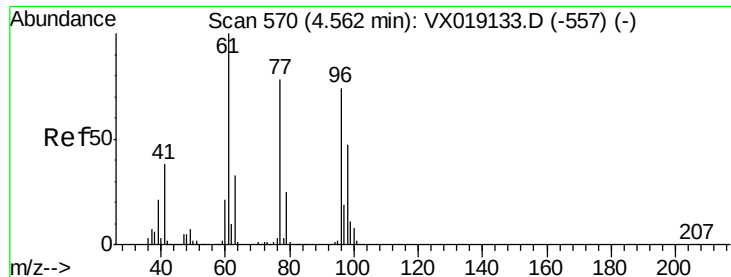
Tot Ion: 43 Resp: 190071
 Ion Ratio Lower Upper
 43 100
 72 29.0 24.6 36.8



#26
 2,2-Dichloropropane
 Concen: 20.397 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion: 77 Resp: 88855
 Ion Ratio Lower Upper
 77 100
 97 22.4 11.4 34.1



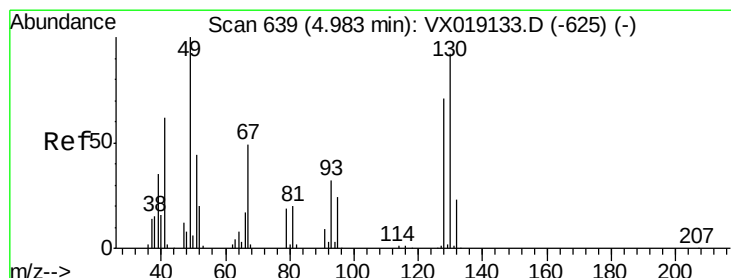
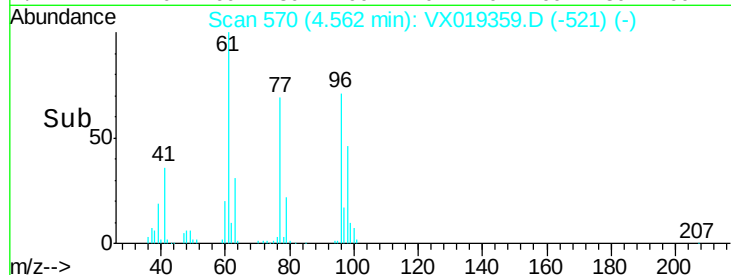
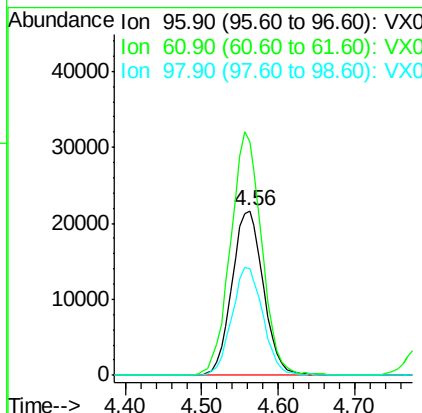
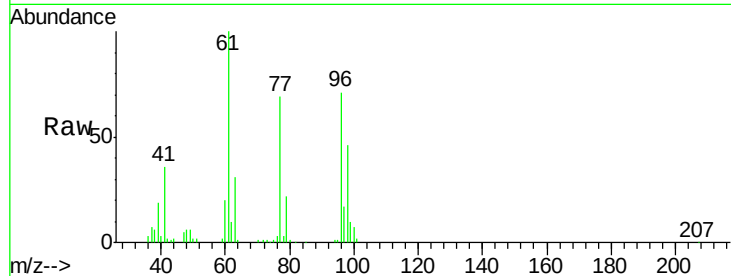


#27

cis-1,2-Dichloroethene
Concen: 19.509 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :

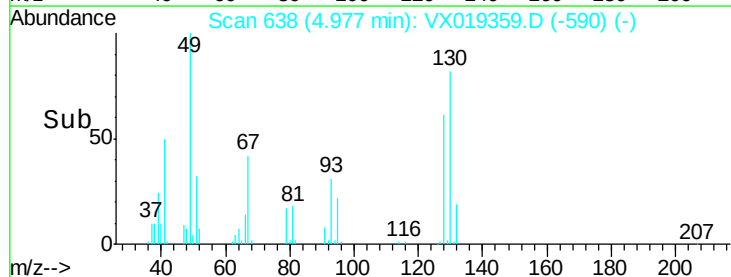
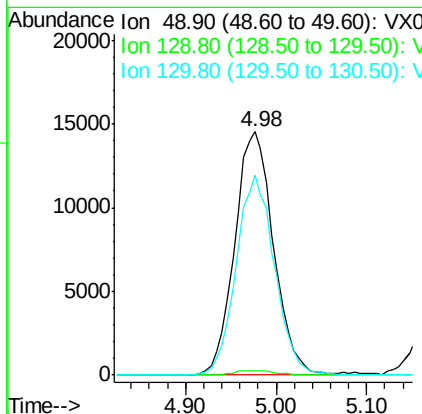
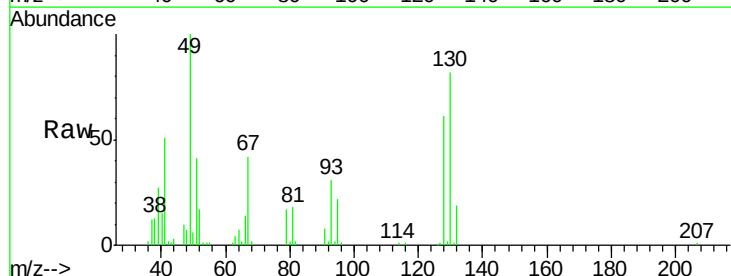
Tot Ion: 96 Resp: 61666
Ion Ratio Lower Upper
96 100
61 146.8 0.0 278.8
98 64.7 0.0 130.2

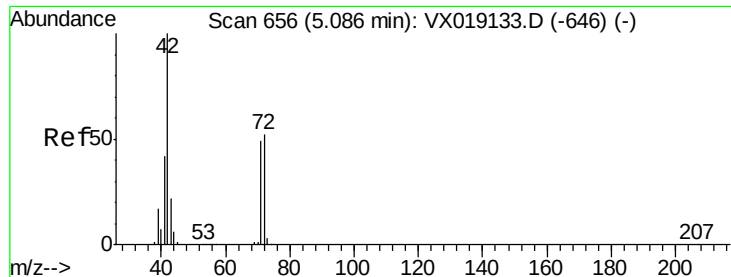


#28

Bromochloromethane
Concen: 20.453 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion: 49 Resp: 43086
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.4
130 81.3 71.3 106.9

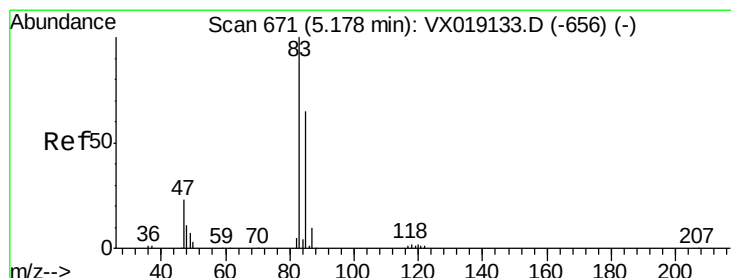
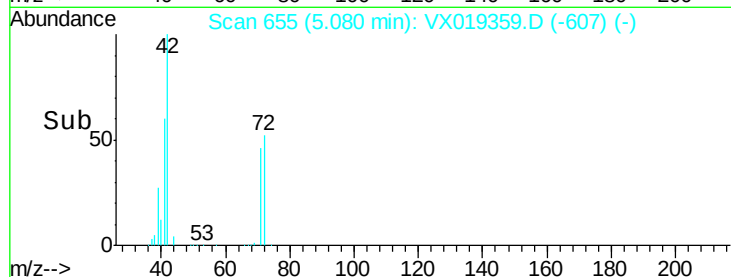
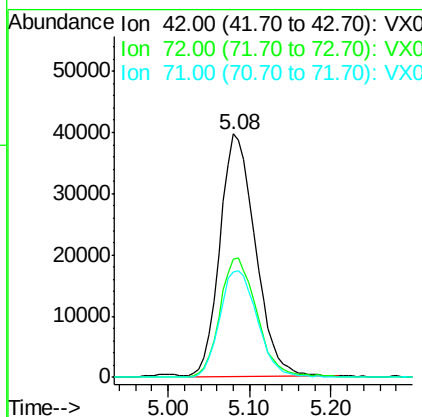
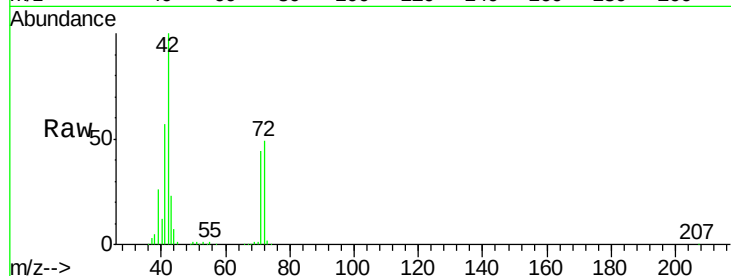




#29
Tetrahydrofuran
Concen: 106.633 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

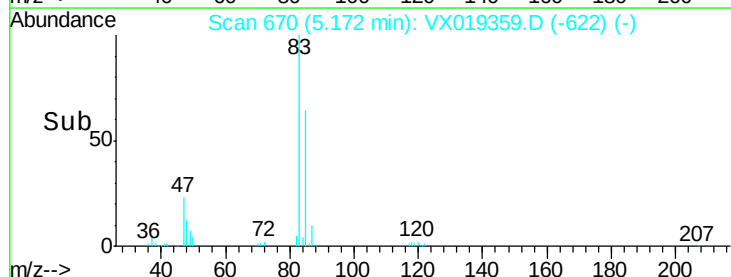
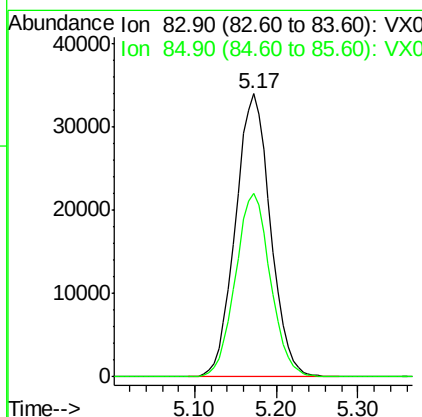
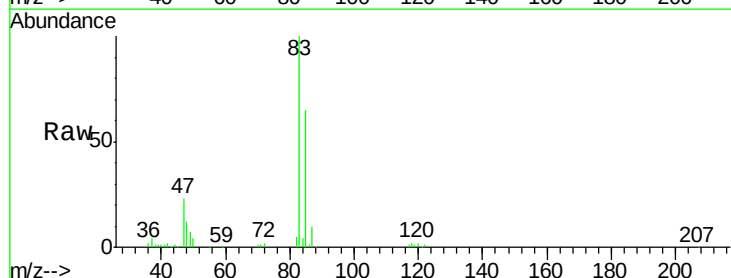
Instrument :
MSVOA_X
ClientSampled :

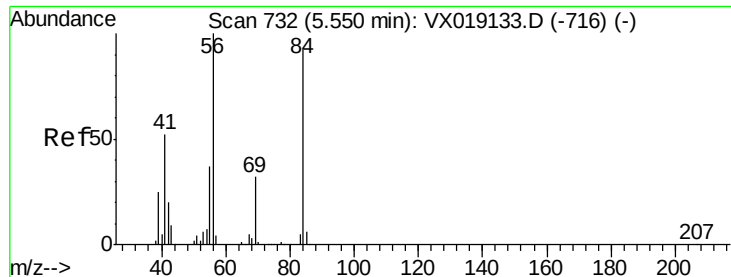
Tot Ion: 42 Resp: 119487
Ion Ratio Lower Upper
42 100
72 51.7 42.6 63.8
71 46.8 39.7 59.5



#30
Chloroform
Concen: 20.493 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion: 83 Resp: 101080
Ion Ratio Lower Upper
83 100
85 64.7 51.9 77.9

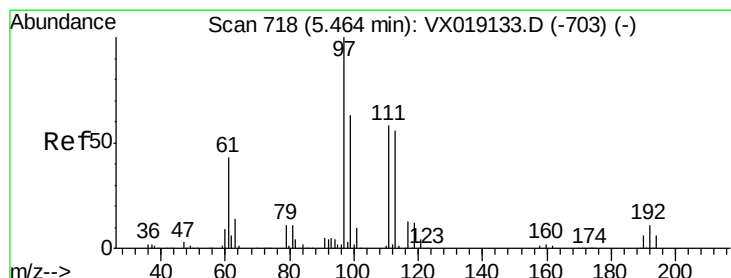
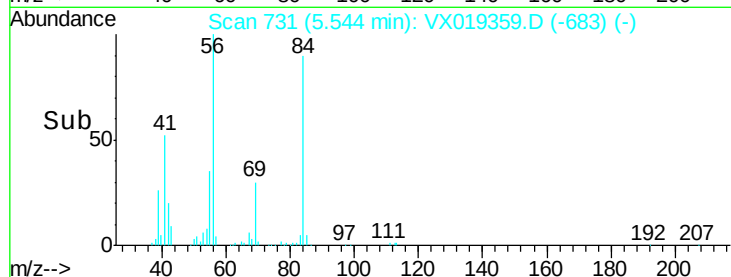
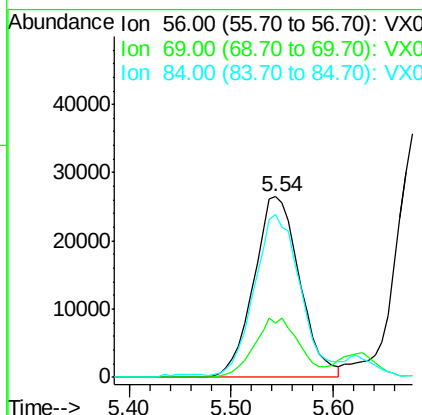
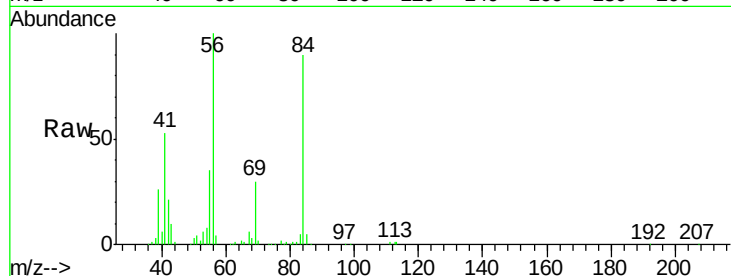




#31
Cvclohexane
Concen: 19.986 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

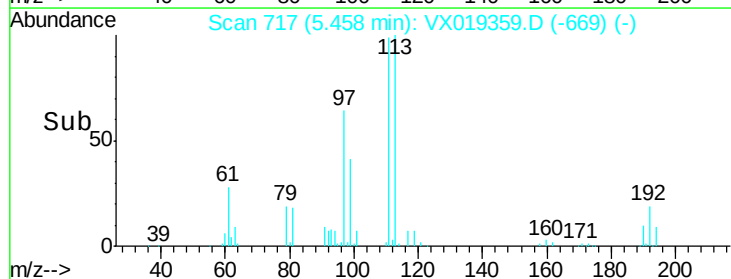
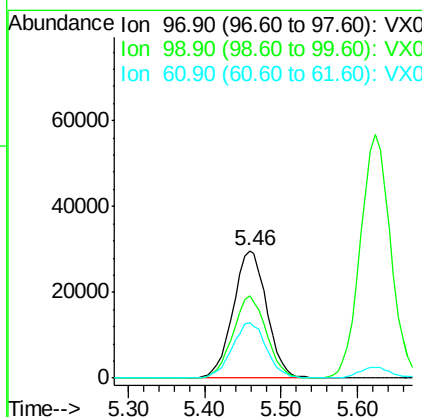
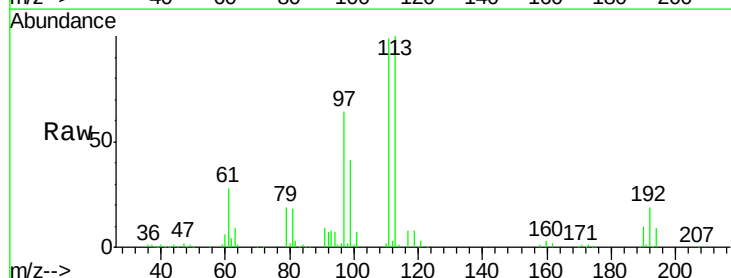
Instrument :
MSVOA_X
ClientSampleId :

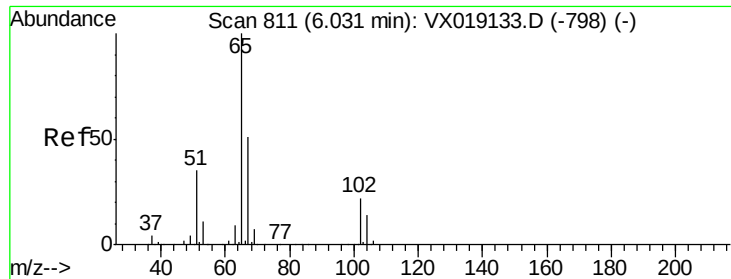
Tot Ion: 56 Resp: 82622
Ion Ratio Lower Upper
56 100
69 30.0 25.9 38.9
84 88.2 73.4 110.2



#32
1,1,1-Trichloroethane
Concen: 20.281 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion: 97 Resp: 90692
Ion Ratio Lower Upper
97 100
99 64.1 51.7 77.5
61 44.1 34.2 51.2

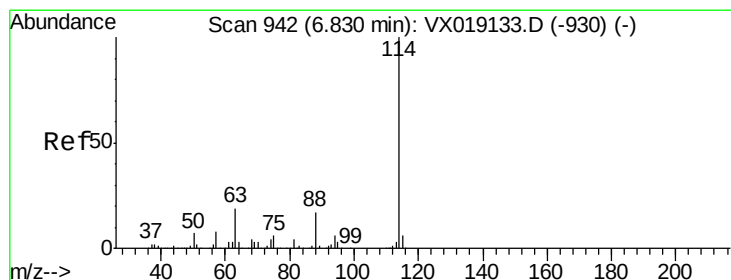
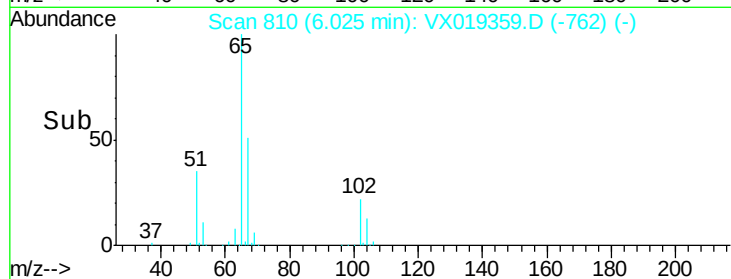
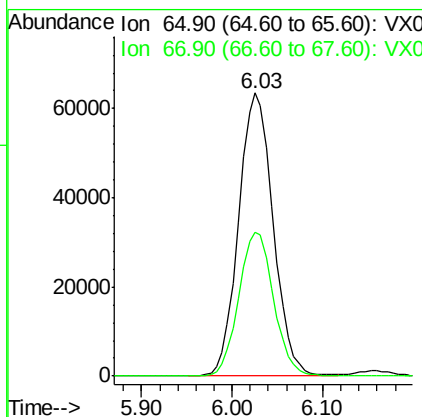
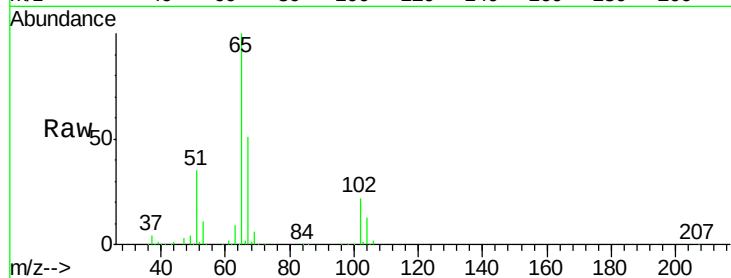




#33
 1,2-Dichloroethane-d4
 Concen: 51.217 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

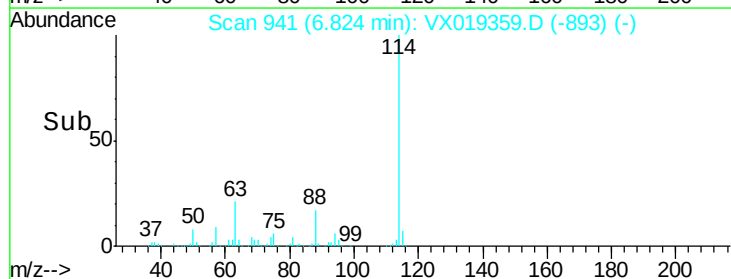
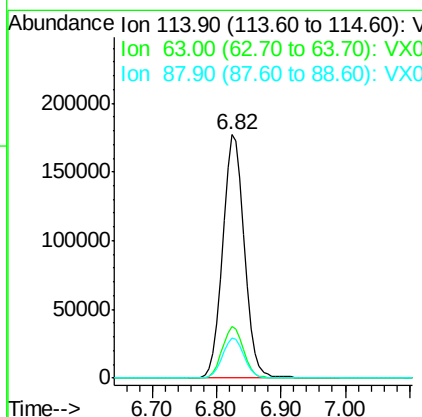
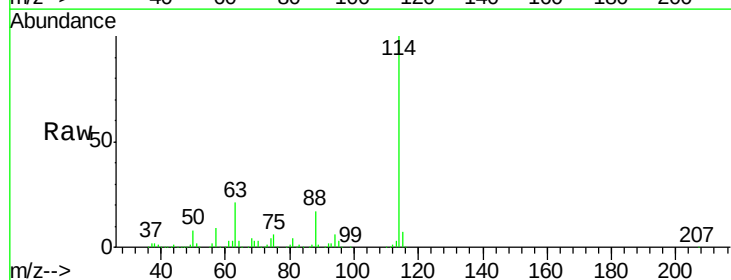
Instrument :
 MSVOA_X
 ClientSampleId :

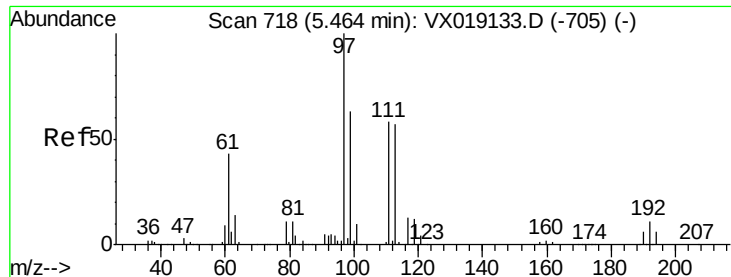
Tot Ion: 65 Resp: 167500
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion: 114 Resp: 422732
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 38.8
 88 16.7 0.0 34.2

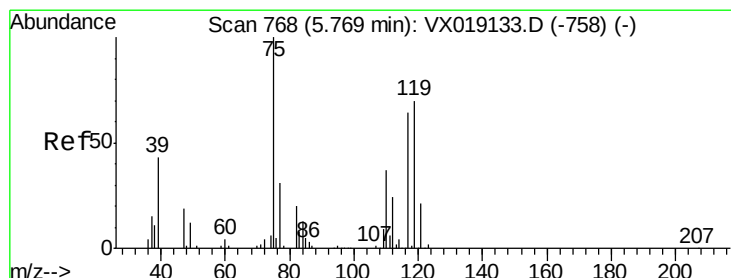
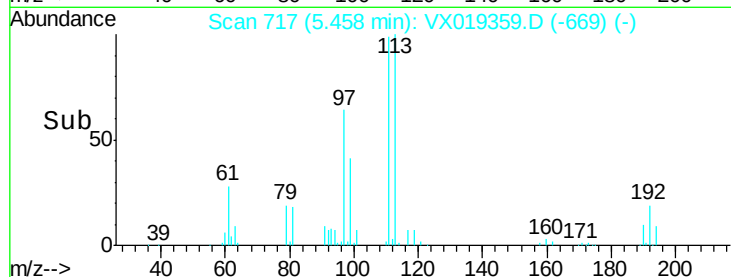
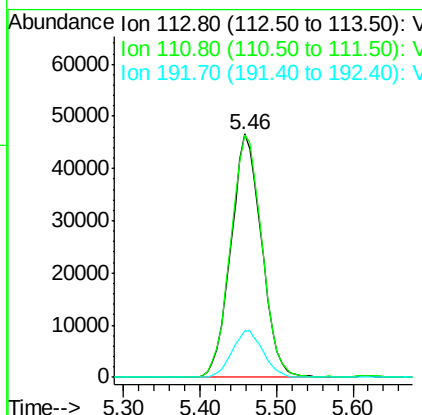
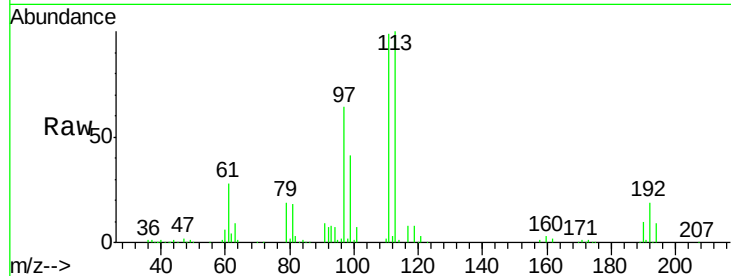




#35
 Dibromofluoromethane
 Concen: 48.780 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

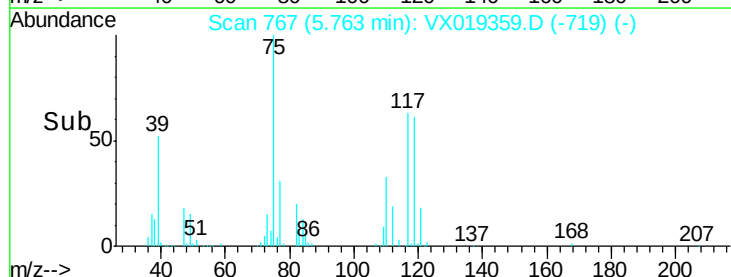
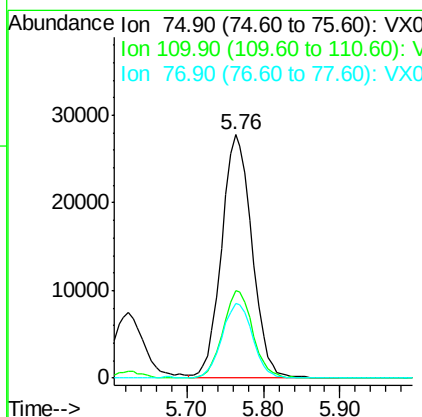
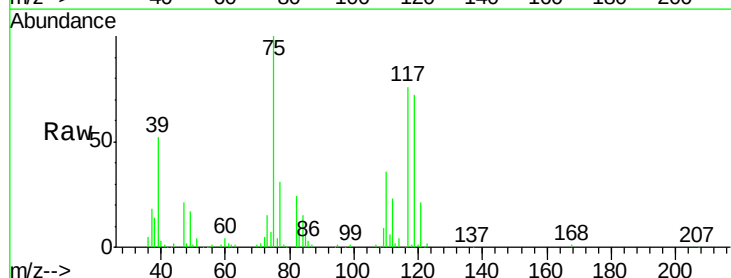
Instrument :
 MSVOA_X
 ClientSampled :

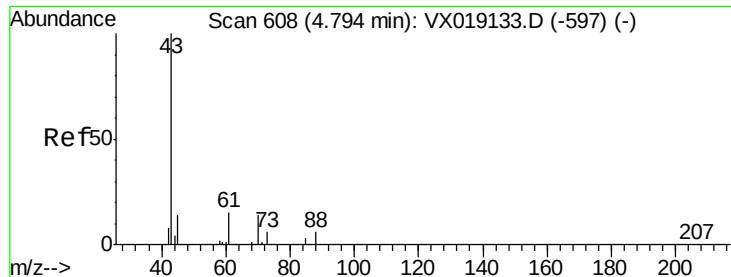
Tot Ion:113 Resp: 129528
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.3 123.5
 192 19.6 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 19.489 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion: 75 Resp: 76077
 Ion Ratio Lower Upper
 75 100
 110 35.3 18.3 54.9
 77 31.0 24.9 37.3

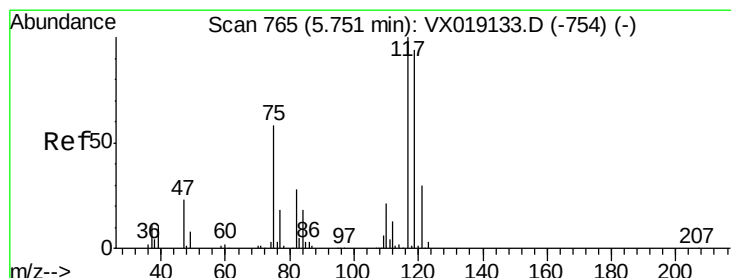
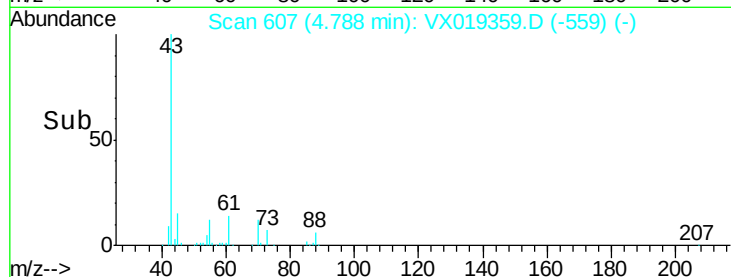
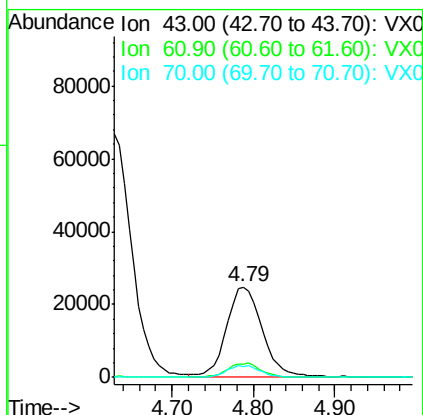
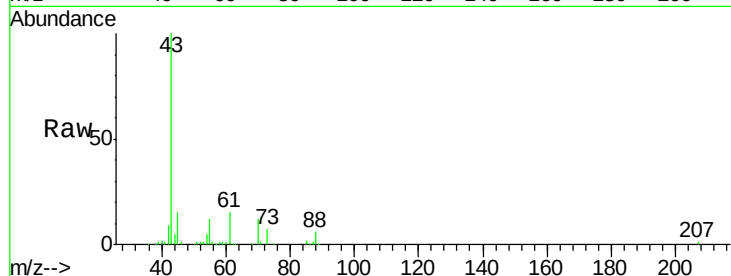




#37
Ethyl Acetate
Concen: 20.361 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

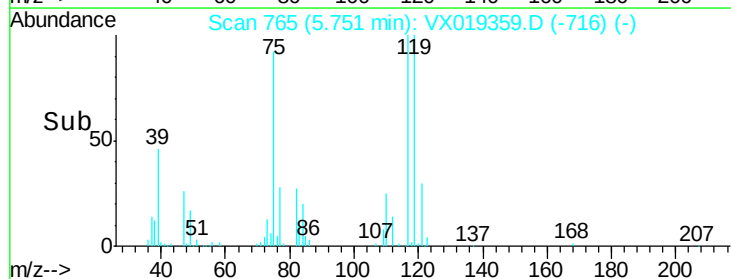
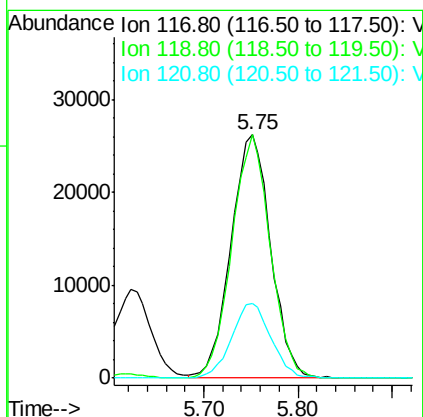
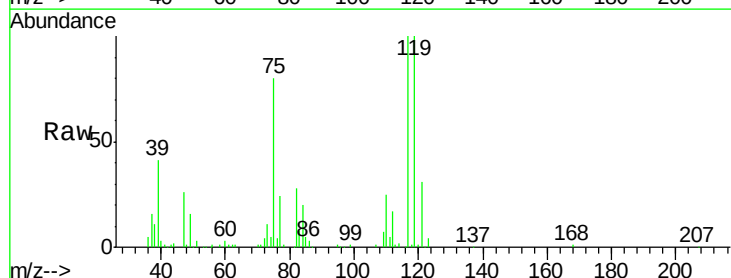
Instrument :
MSVOA_X
ClientSampleId :

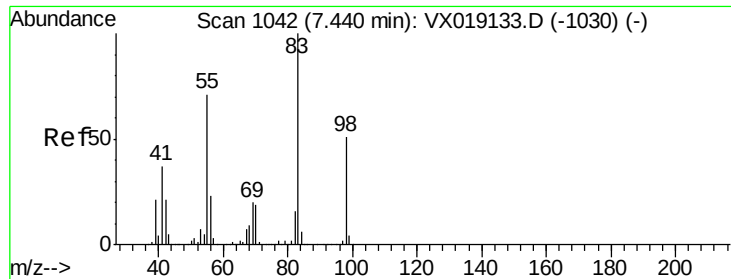
Tot Ion: 43 Resp: 73798
Ion Ratio Lower Upper
43 100
61 15.3 12.5 18.7
70 12.7 10.5 15.7



#38
Carbon Tetrachloride
Concen: 19.361 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion: 117 Resp: 77036
Ion Ratio Lower Upper
117 100
119 99.8 75.0 112.6
121 30.5 23.9 35.9

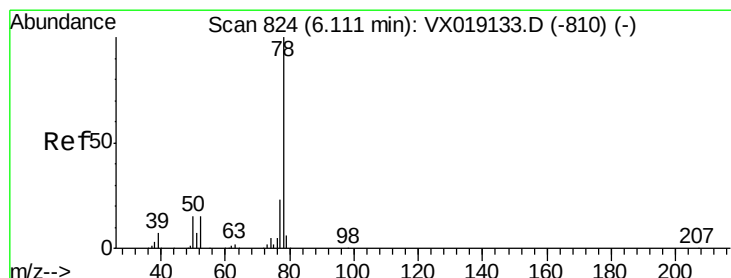
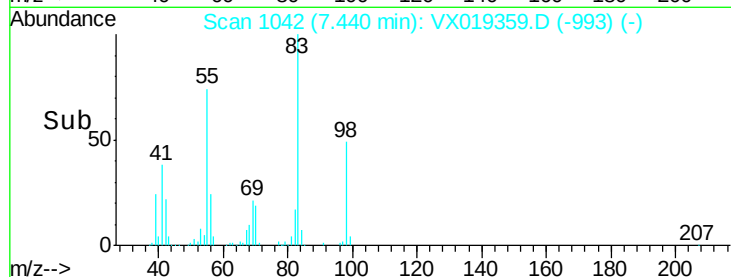
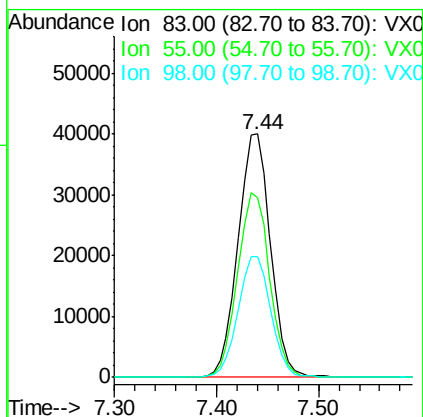
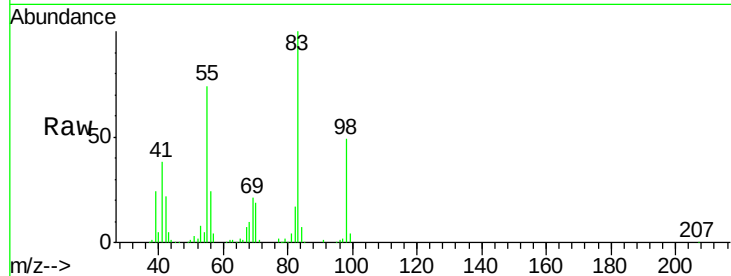




#39
Methylvlcyclohexane
Concen: 19.023 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

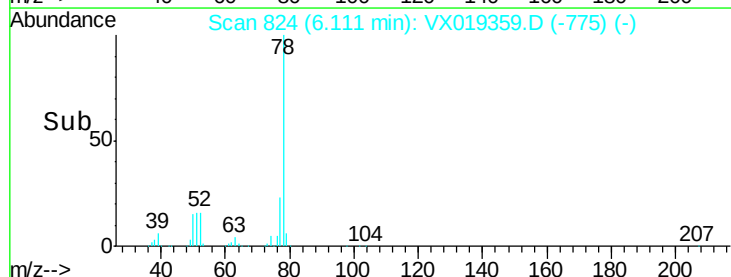
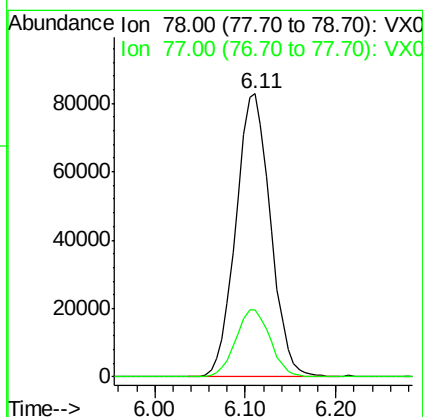
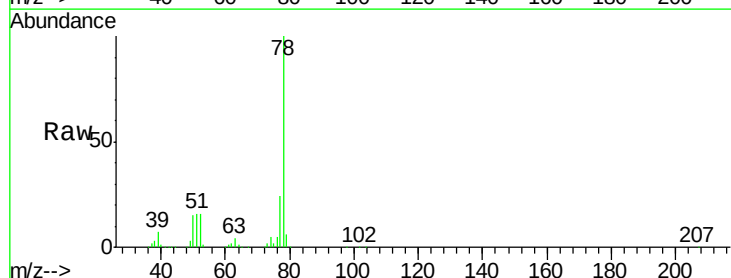
Instrument :
MSVOA_X
ClientSampled :

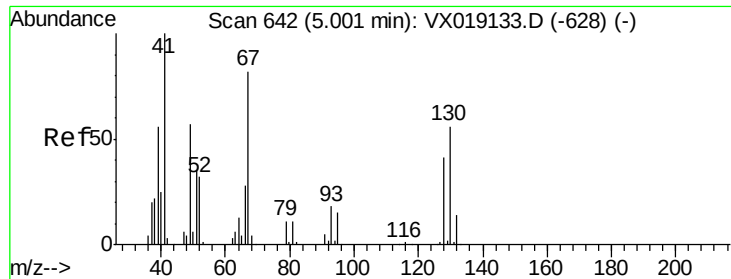
Tot Ion: 83 Resp: 88790
Ion Ratio Lower Upper
83 100
55 73.8 57.0 85.6
98 49.4 40.5 60.7



#40
Benzene
Concen: 19.804 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion: 78 Resp: 219191
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1





#41

Methacrylonitrile

Concen: 20.152 ug/l

RT: 5.00 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 39334

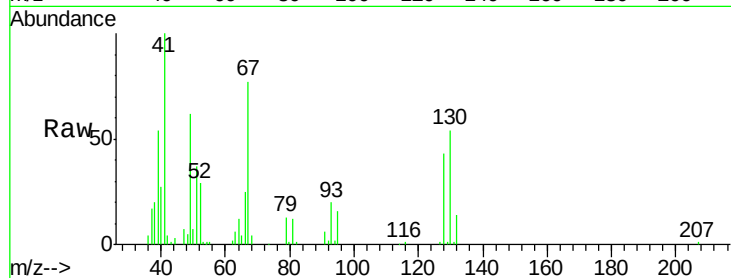
Ion Ratio Lower Upper

41 100

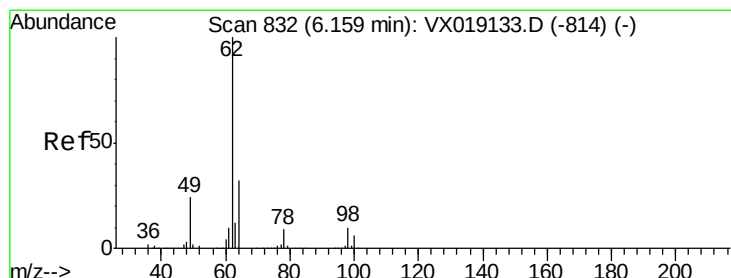
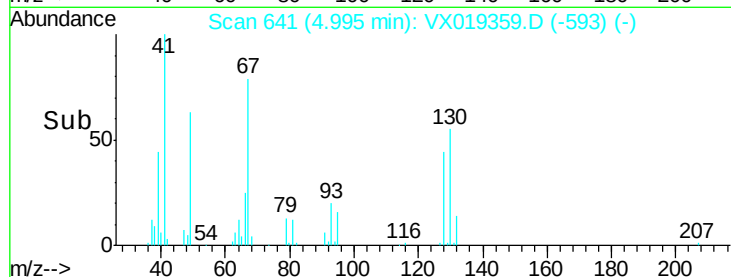
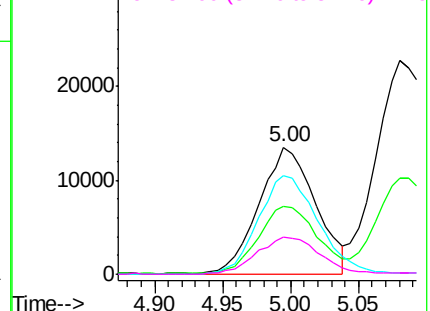
39 55.2 44.4 66.6

67 82.8 66.4 99.6

52 33.3 26.2 39.4



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



#42

1,2-Dichloroethane

Concen: 20.277 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX019359.D

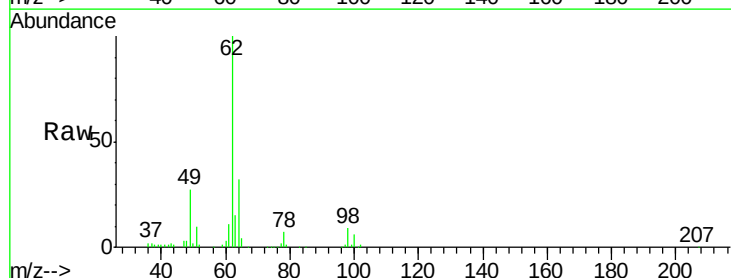
Acq: 09 Nov 2020 11:51

Tgt Ion: 62 Resp: 82710

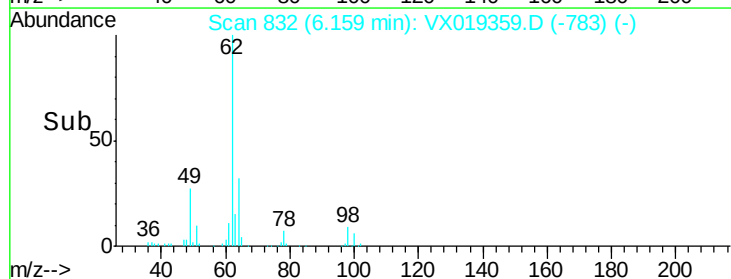
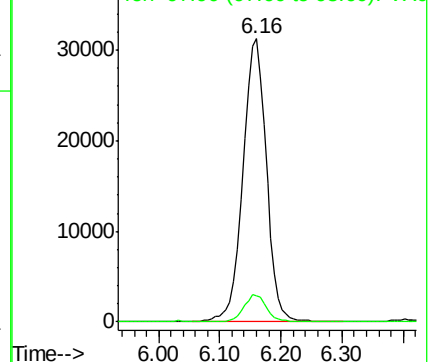
Ion Ratio Lower Upper

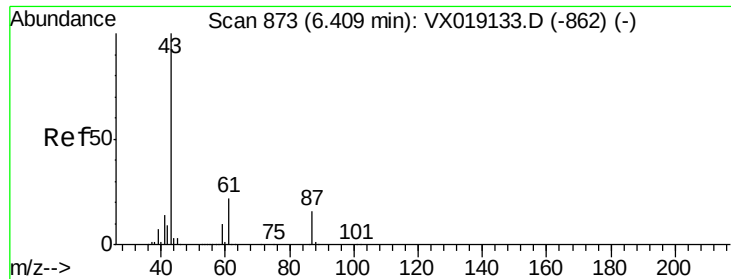
62 100

98 9.3 0.0 19.0



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



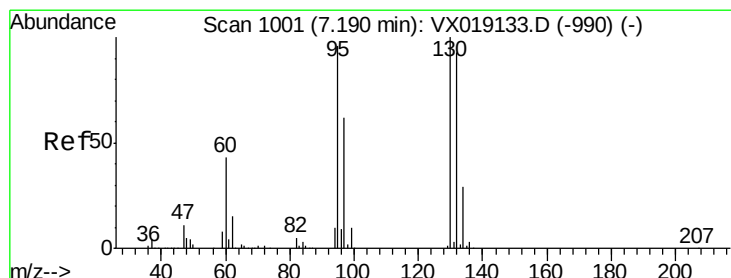
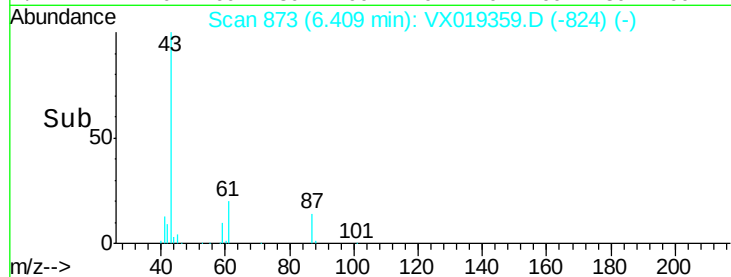
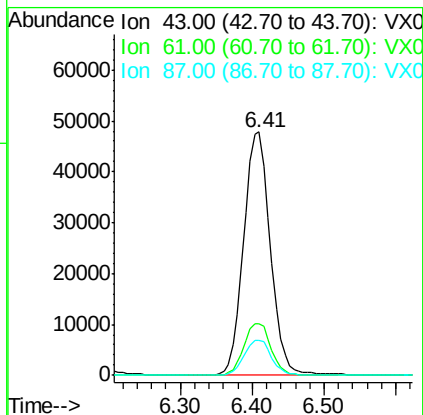
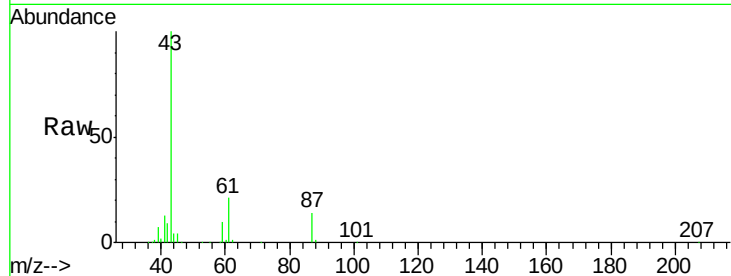


#43

Isopropyl Acetate
 Concen: 20.215 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :

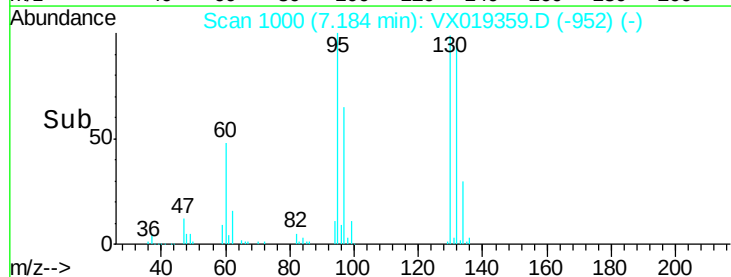
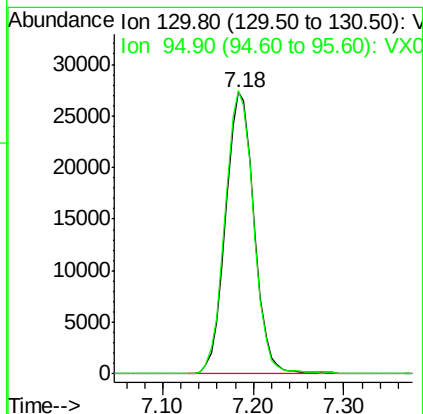
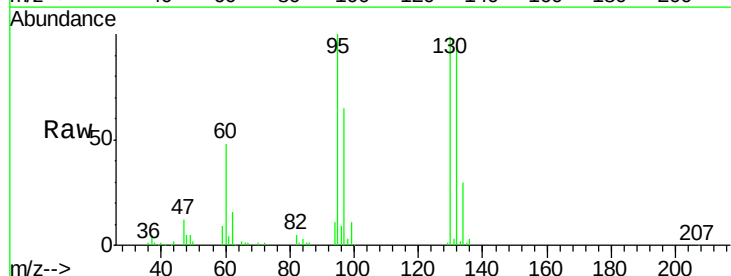
Tot Ion: 43 Resp: 122678
 Ion Ratio Lower Upper
 43 100
 61 21.8 17.8 26.6
 87 14.8 12.6 19.0

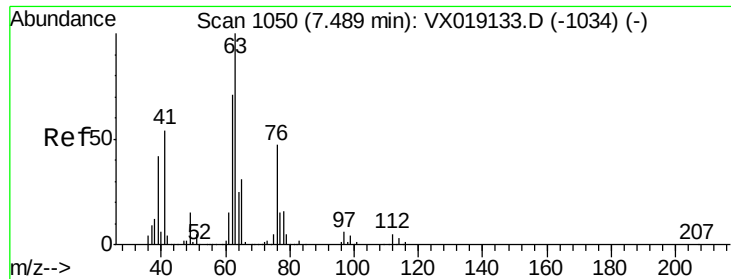


#44

Trichloroethene
 Concen: 18.781 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion: 130 Resp: 59532
 Ion Ratio Lower Upper
 130 100
 95 100.6 0.0 192.0

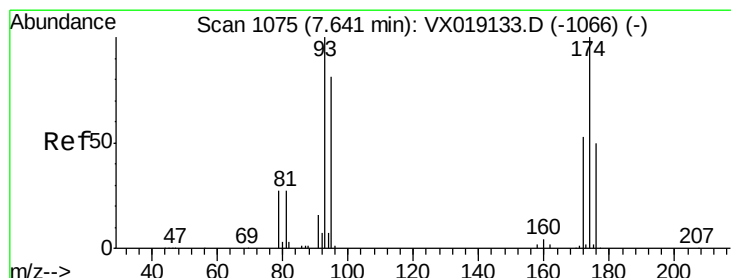
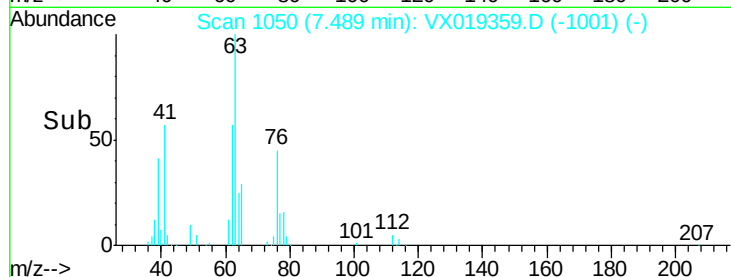
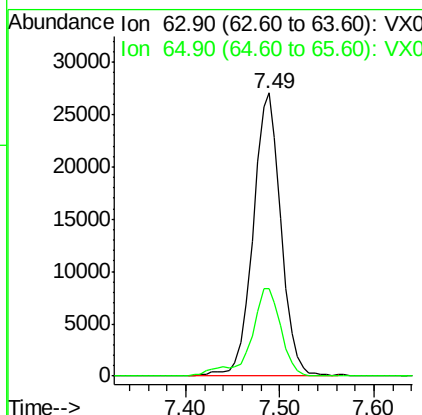
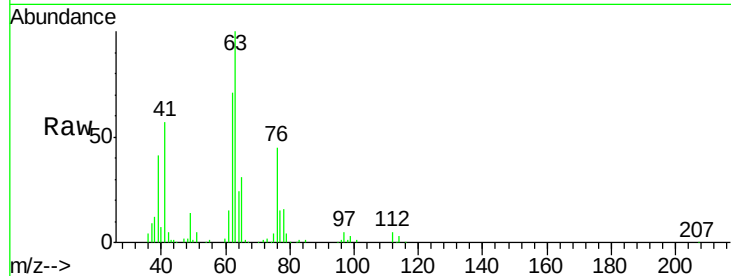




#45
 1,2-Dichloropropane
 Concen: 20.749 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

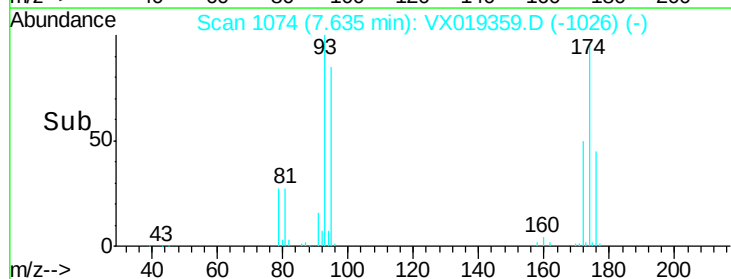
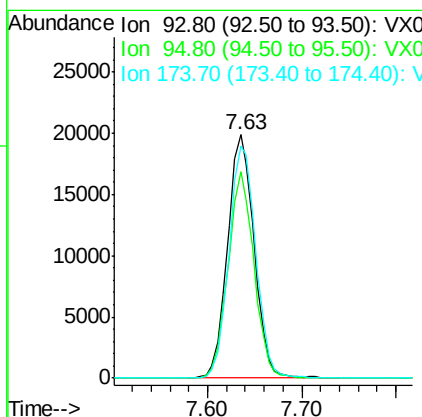
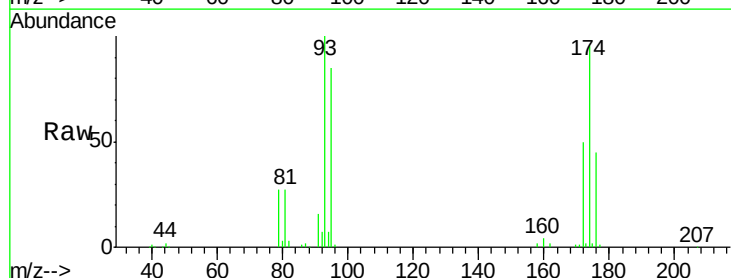
Instrument :
 MSVOA_X
 ClientSampled :

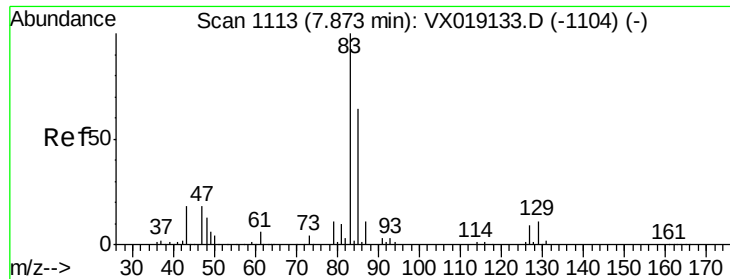
Tot Ion: 63 Resp: 56249
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.2 37.8



#46
 Dibromomethane
 Concen: 19.372 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion: 93 Resp: 38834
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.0 100.6
 174 96.3 81.7 122.5





#47

Bromodichloromethane

Concen: 19.993 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :

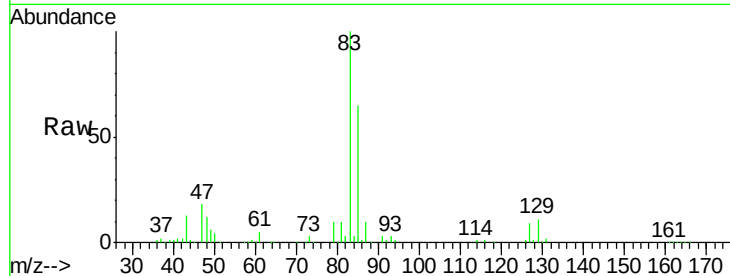
Tot Ion: 83 Resp: 78997

Ion Ratio Lower Upper

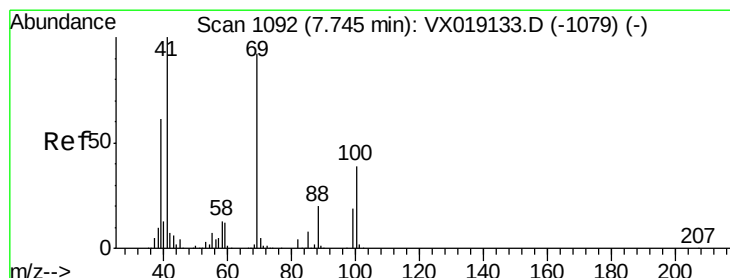
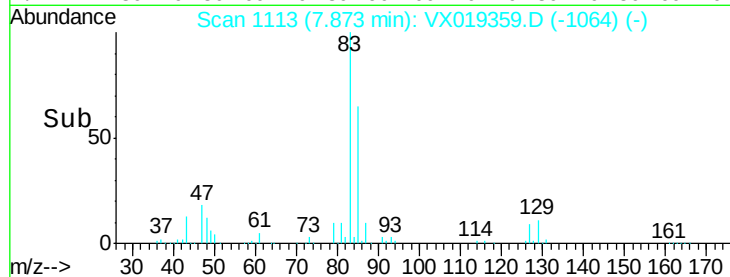
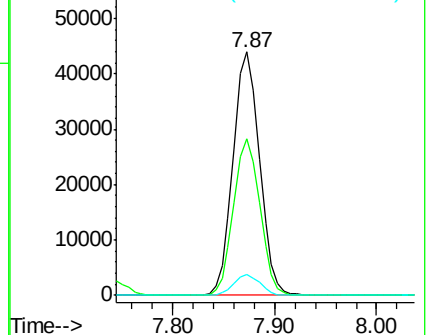
83 100

85 64.5 51.2 76.8

127 8.6 7.1 10.7



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



#48

Methyl methacrylate

Concen: 20.592 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

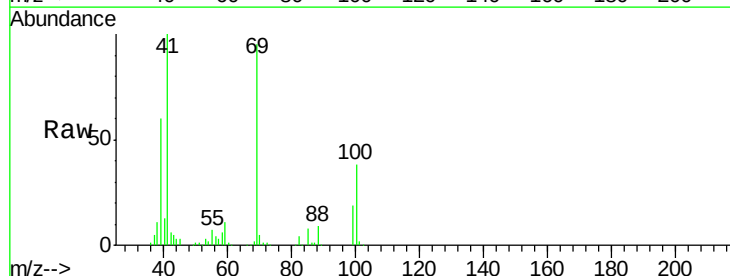
Tgt Ion: 41 Resp: 60148

Ion Ratio Lower Upper

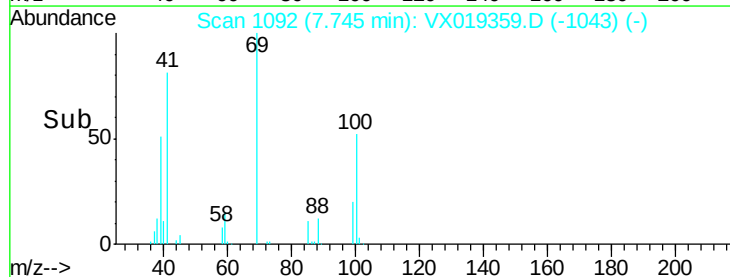
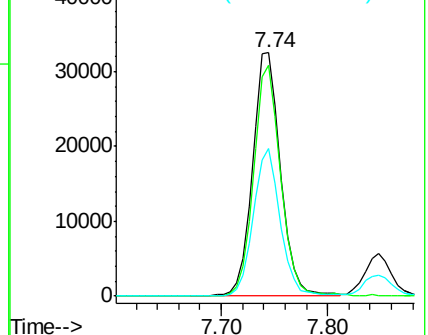
41 100

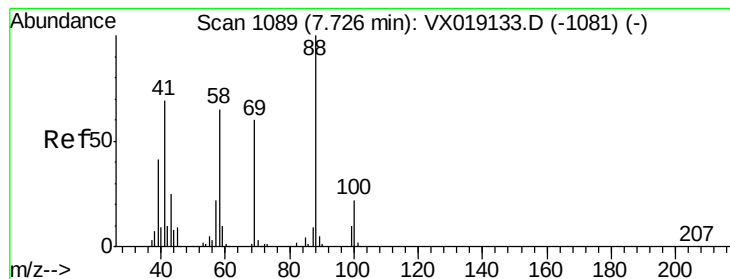
69 91.1 75.5 113.3

39 58.5 48.9 73.3



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 414.969 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

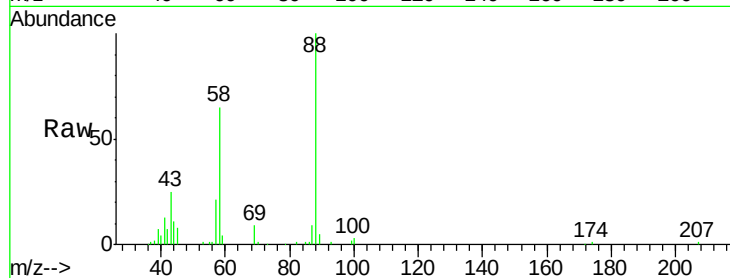
Tot Ion: 88 Resp: 26956

Ion Ratio Lower Upper

88 100

43 33.3 23.0 34.6

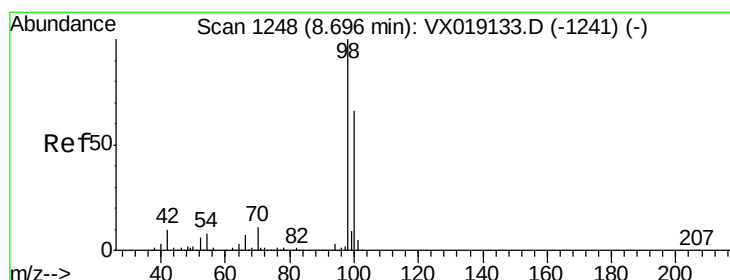
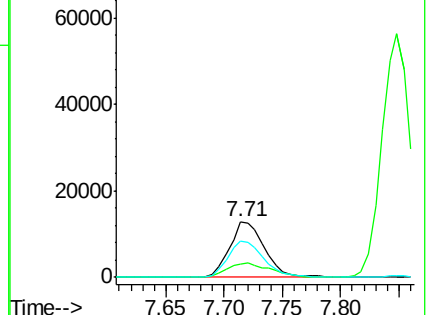
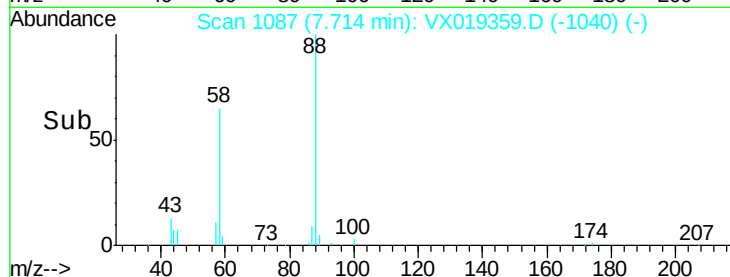
58 68.1 52.2 78.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.202 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019359.D

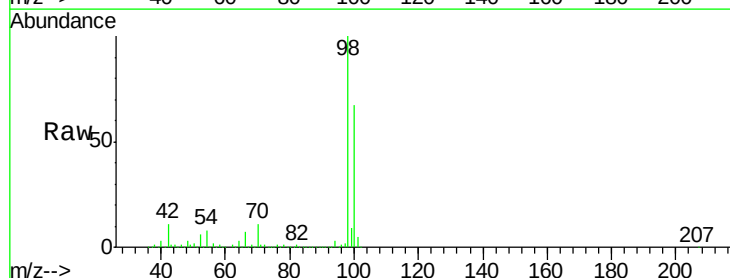
Acq: 09 Nov 2020 11:51

Tgt Ion: 98 Resp: 492496

Ion Ratio Lower Upper

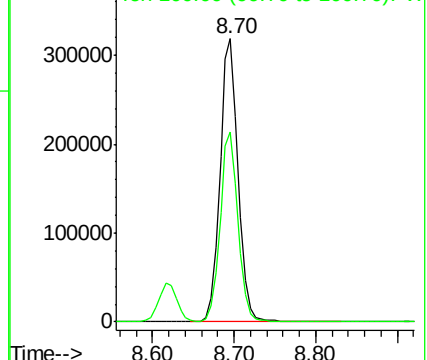
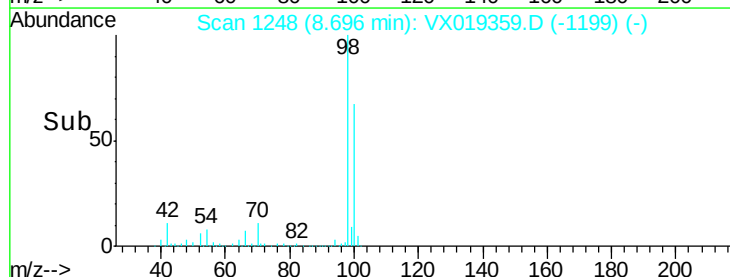
98 100

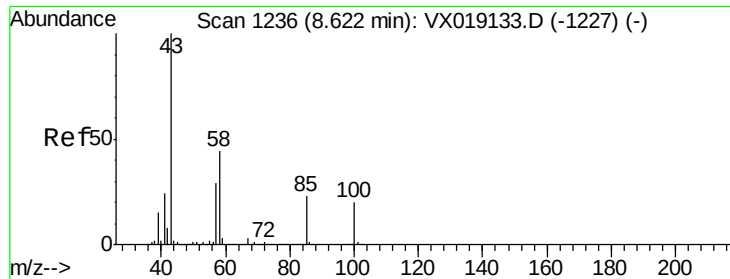
100 66.5 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

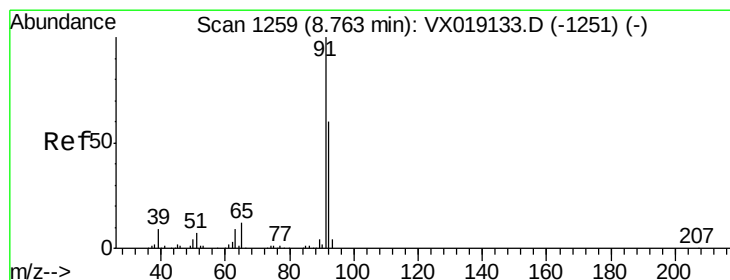
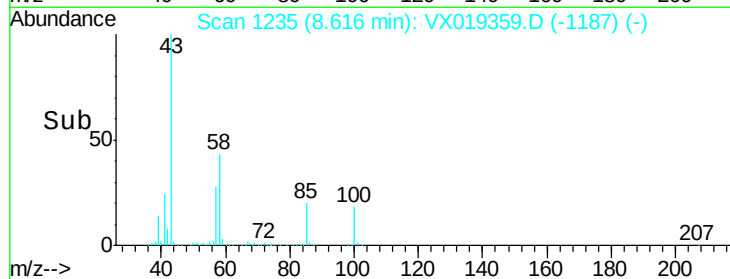
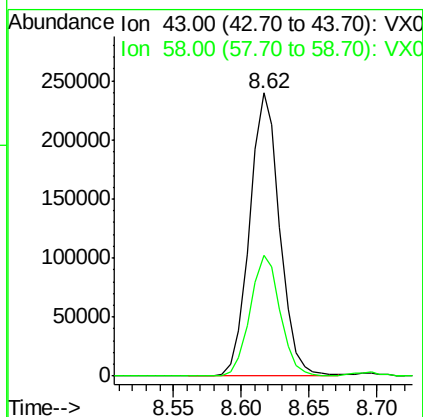
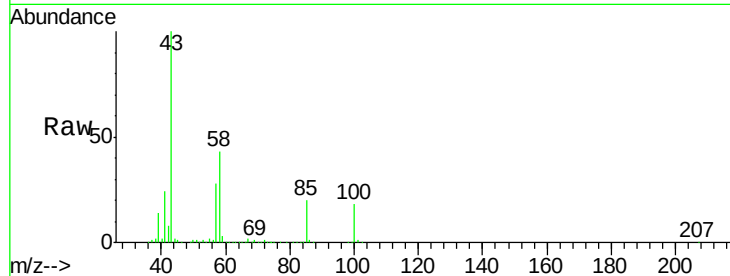




#51
 4-Methyl-2-Pentanone
 Concen: 106.557 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

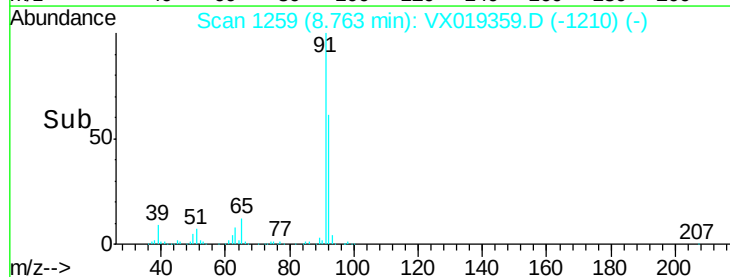
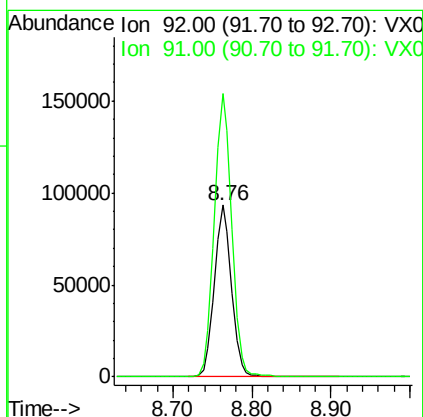
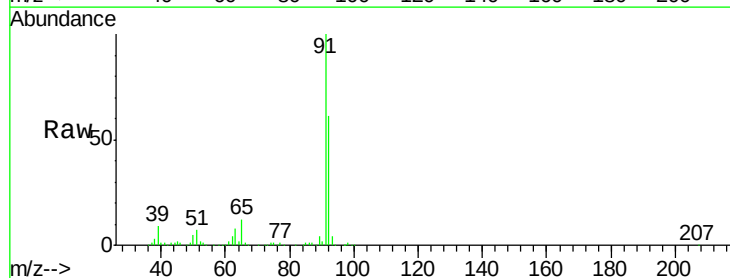
Instrument :
 MSVOA_X
 ClientSampleId :

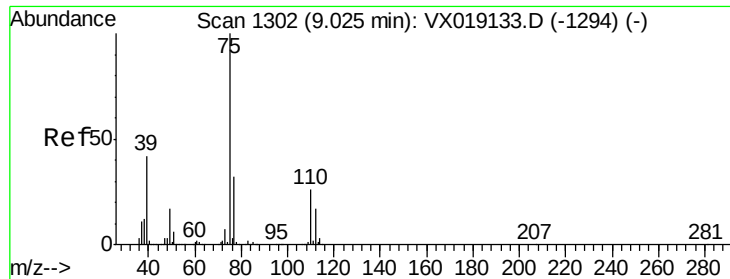
Tot Ion: 43 Resp: 371674
 Ion Ratio Lower Upper
 43 100
 58 42.9 35.0 52.4



#52
 Toluene
 Concen: 19.827 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion: 92 Resp: 141333
 Ion Ratio Lower Upper
 92 100
 91 168.9 136.3 204.5

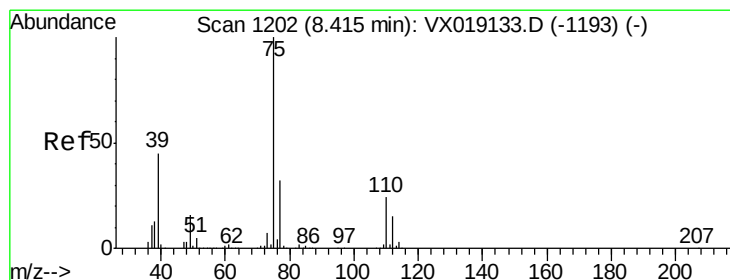
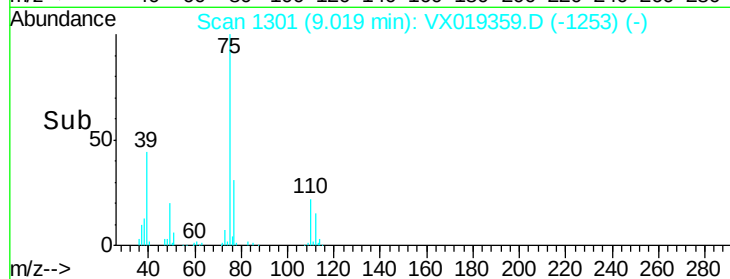
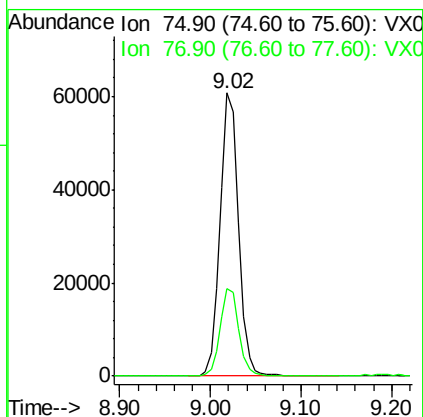
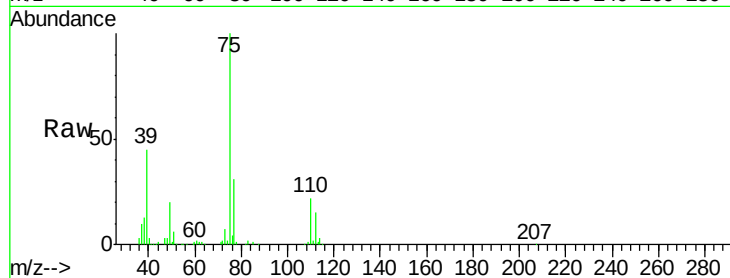




#53
t-1,3-Dichloropropene
Concen: 19.193 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

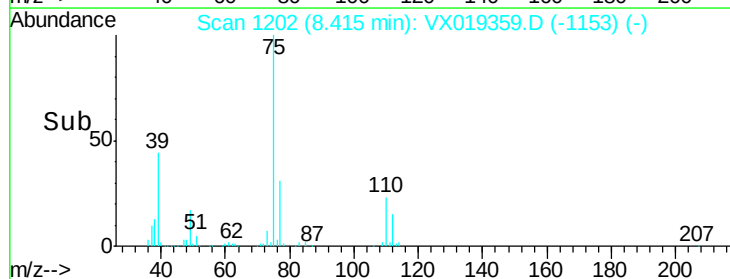
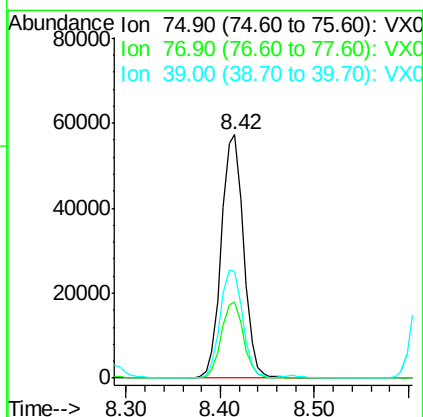
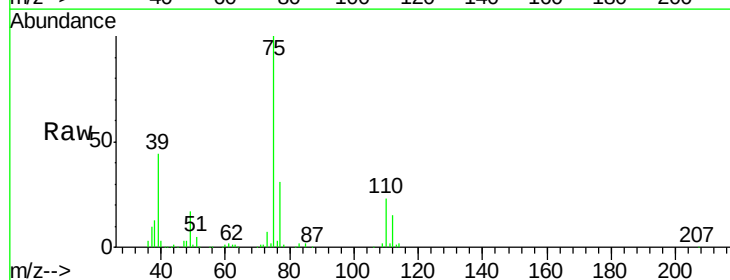
Instrument :
MSVOA_X
ClientSampleId :

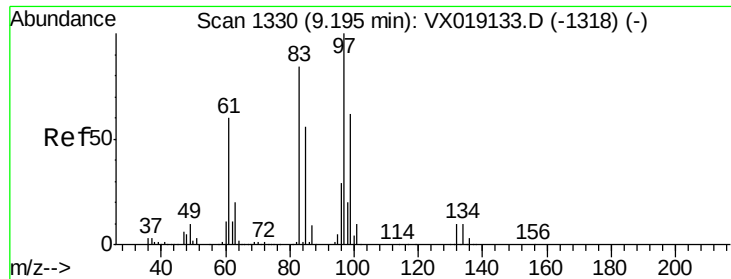
Tot Ion: 75 Resp: 86618
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.798 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion: 75 Resp: 93954
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3
39 43.9 36.2 54.2

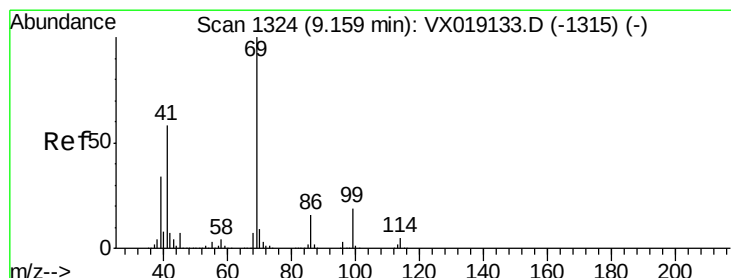
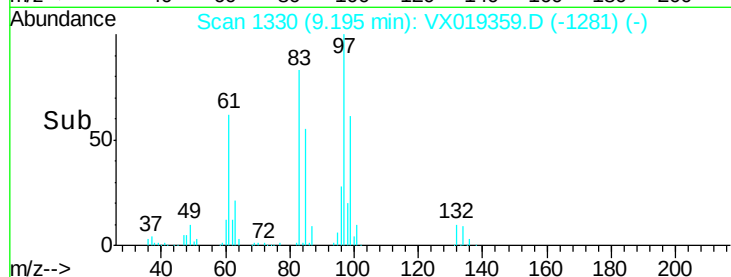
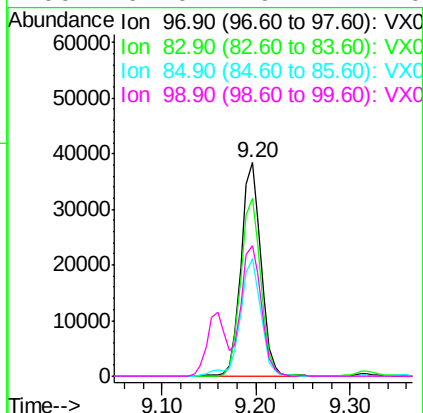
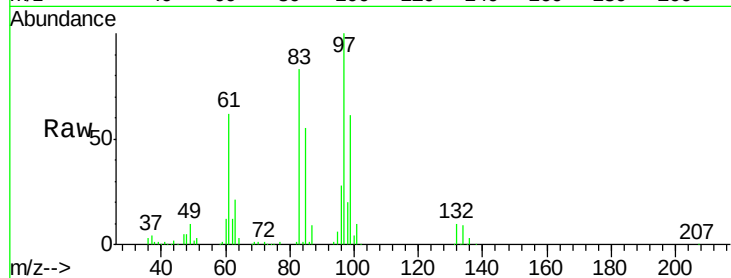




#55
 1,1,2-Trichloroethane
 Concen: 20.027 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

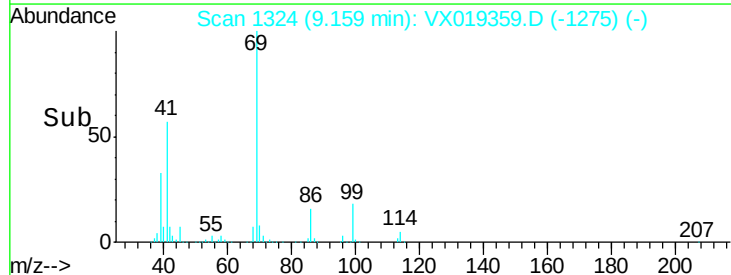
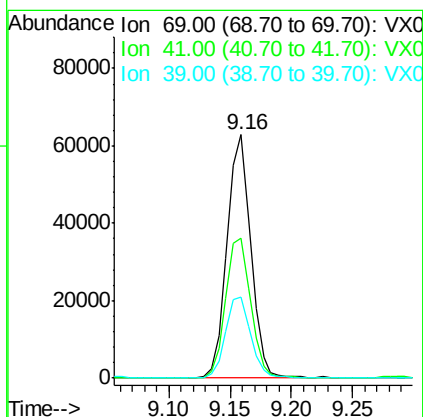
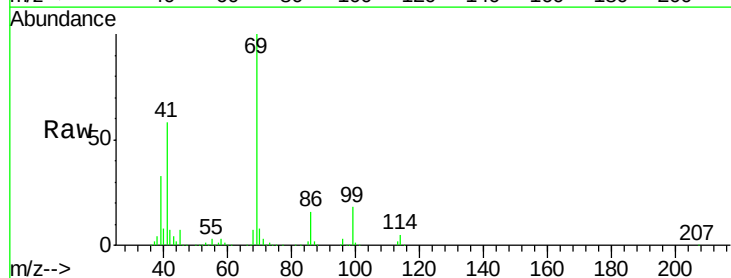
Instrument :
 MSVOA_X
 ClientSampled :

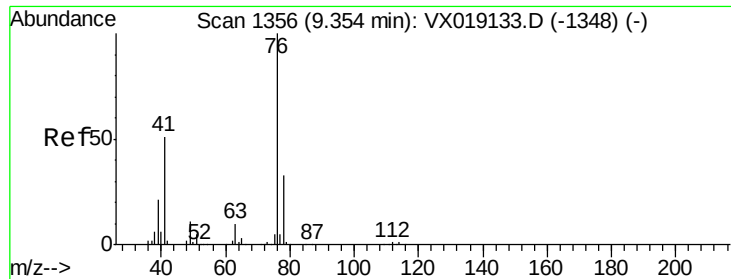
Tot Ion:	97	Resp:	56407
Ion	Ratio	Lower	Upper
97	100		
83	83.5	67.2	100.8
85	55.1	44.6	67.0
99	61.0	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 19.932 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion:	69	Resp:	84797
Ion	Ratio	Lower	Upper
69	100		
41	61.1	46.5	69.7
39	35.0	27.6	41.4

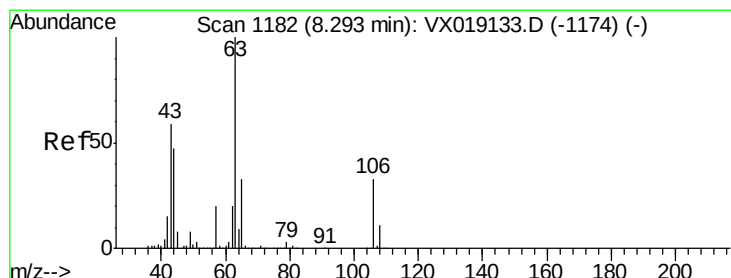
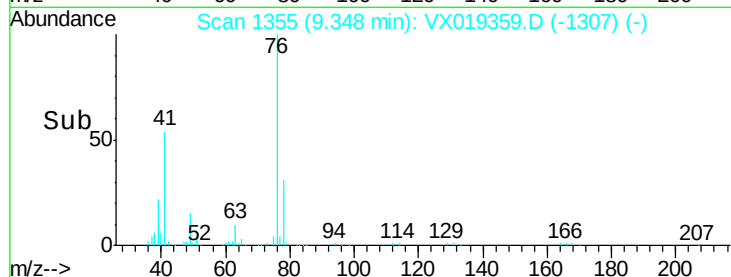
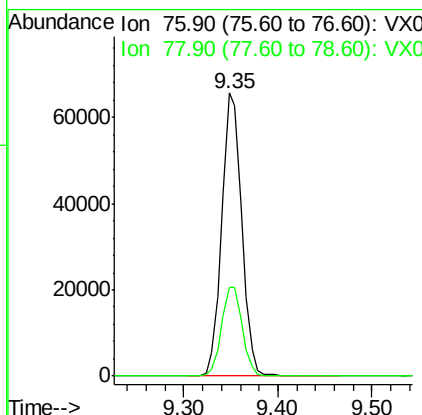
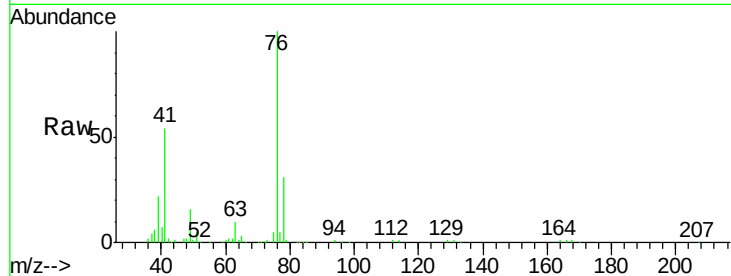




#57
 1,3-Dichloropropane
 Concen: 20.300 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

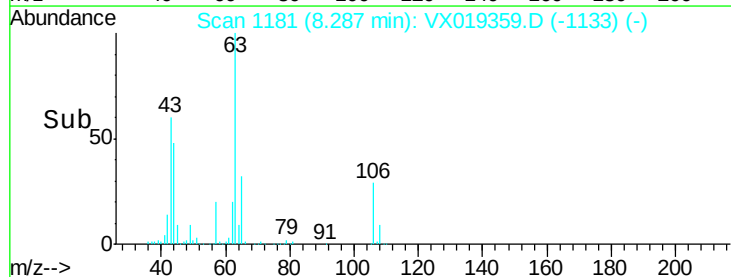
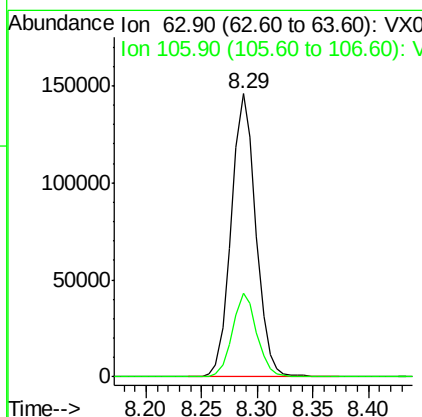
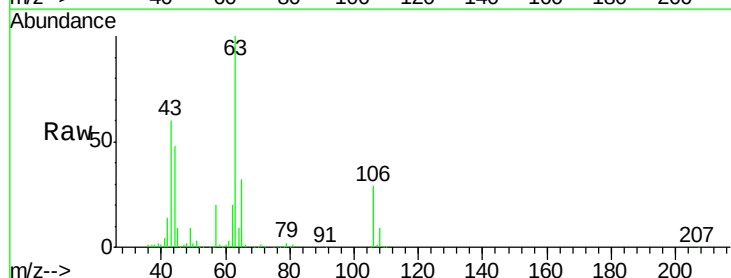
Instrument :
 MSVOA_X
 ClientSampleId :

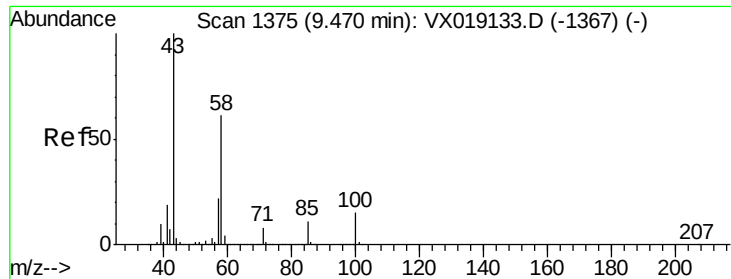
Tot Ion: 76 Resp: 96397
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.068 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion: 63 Resp: 223812
 Ion Ratio Lower Upper
 63 100
 106 29.1 25.1 37.7

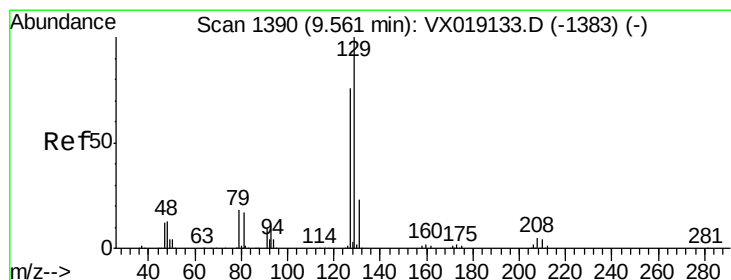
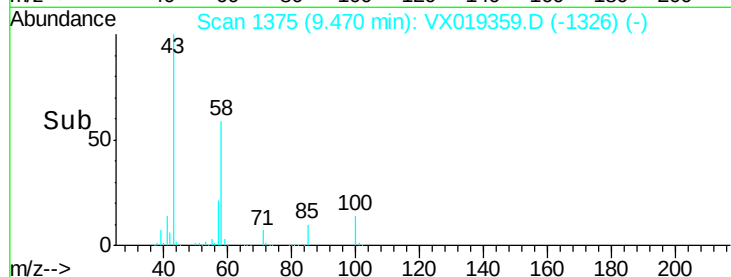
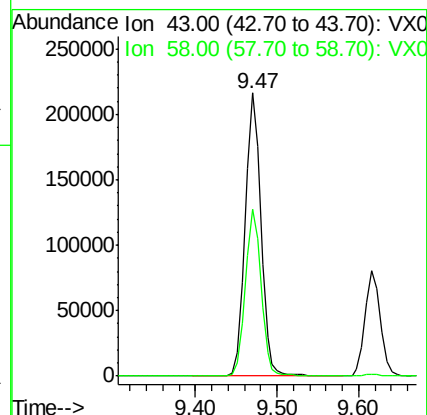
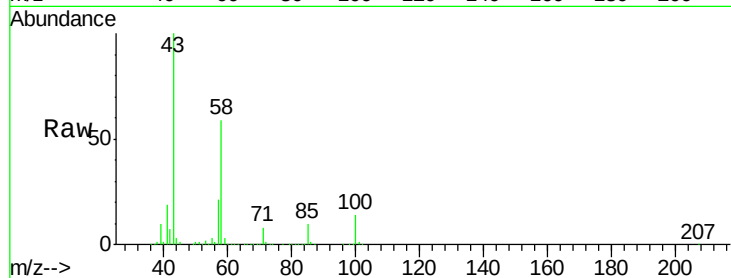




#59
2-Hexanone
Concen: 107.964 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

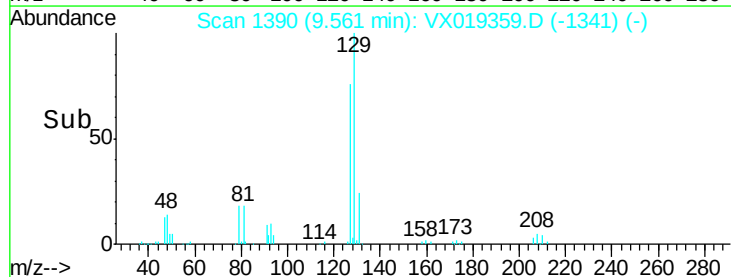
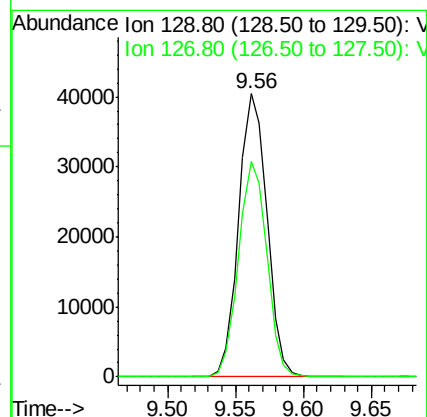
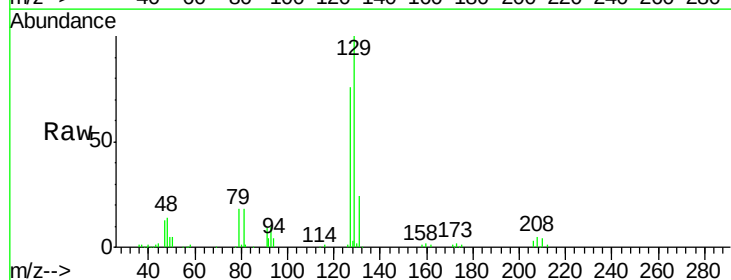
Instrument :
MSVOA_X
ClientSampleId :

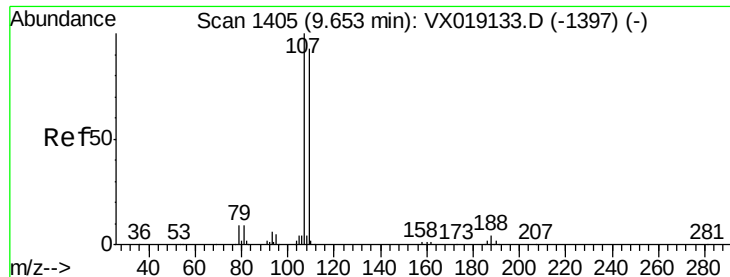
Tot Ion: 43 Resp: 286658
Ion Ratio Lower Upper
43 100
58 58.9 30.5 91.5



#60
Dibromochloromethane
Concen: 19.246 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion:129 Resp: 58829
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.355 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

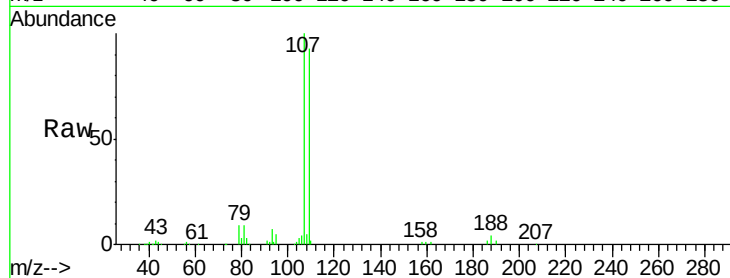
ClientSampleId :

Tot Ion:107 Resp: 58296

Ion Ratio Lower Upper

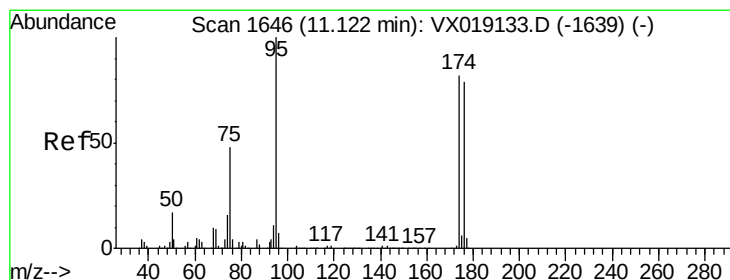
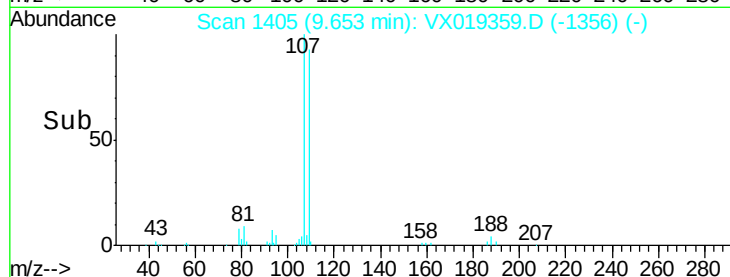
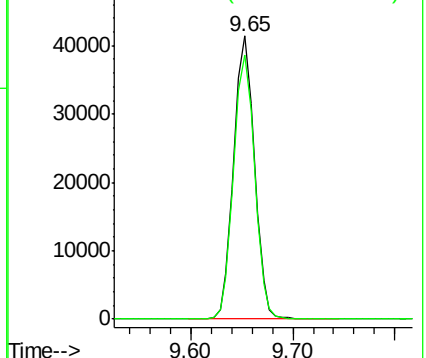
107 100

109 95.0 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.969 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

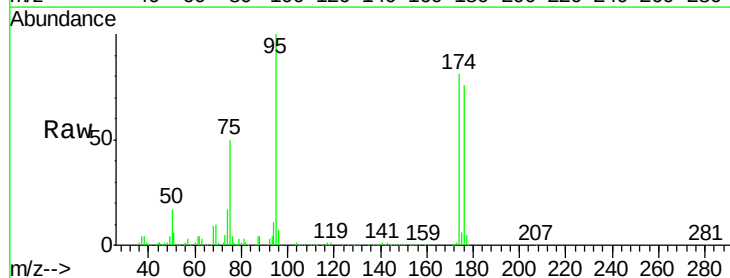
Tgt Ion: 95 Resp: 189420

Ion Ratio Lower Upper

95 100

174 75.9 0.0 156.0

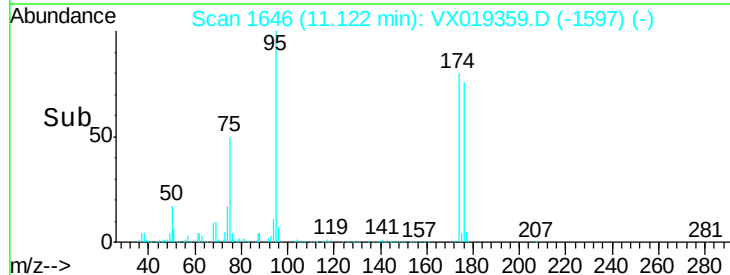
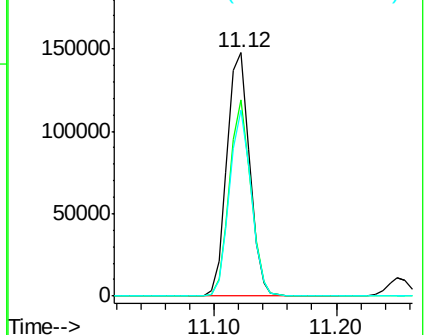
176 73.0 0.0 149.8

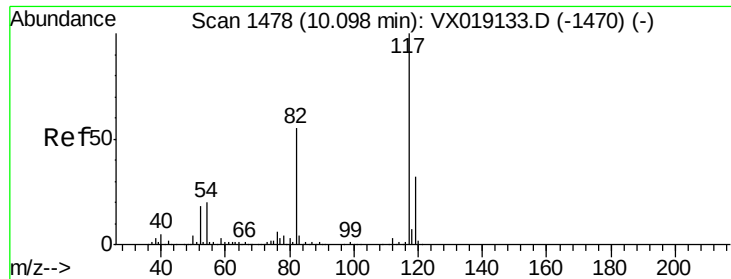


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

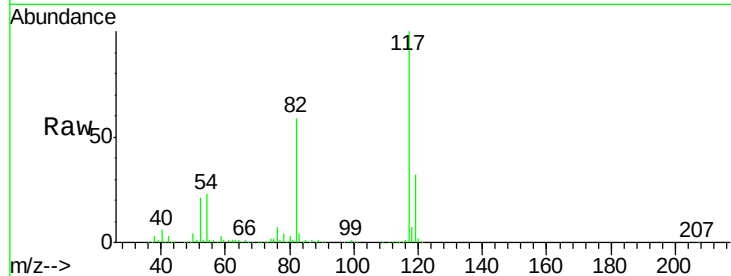




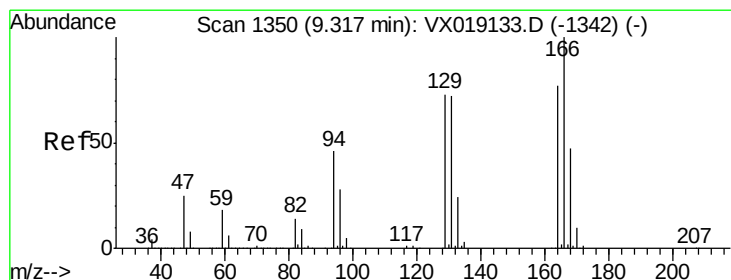
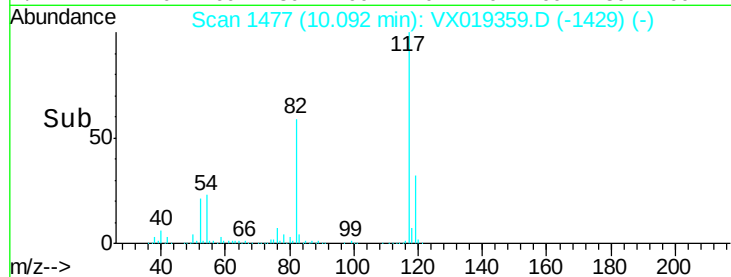
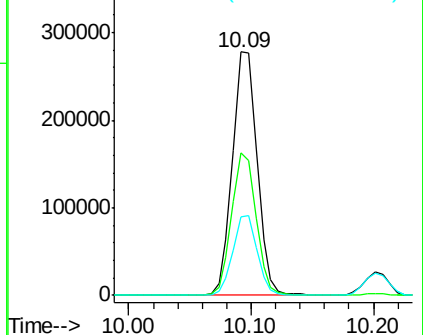
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 388176
Ion Ratio Lower Upper
117 100
82 58.5 43.6 65.4
119 32.0 25.5 38.3

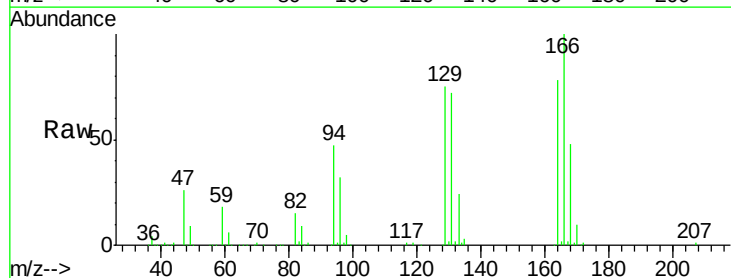


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

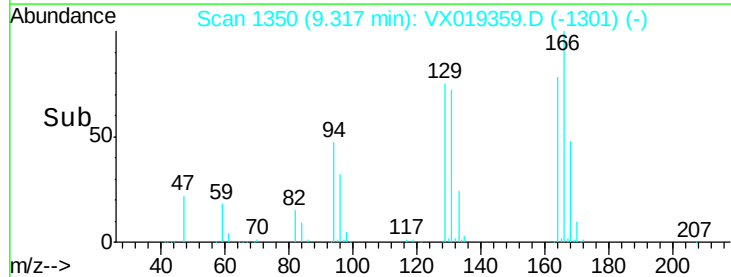
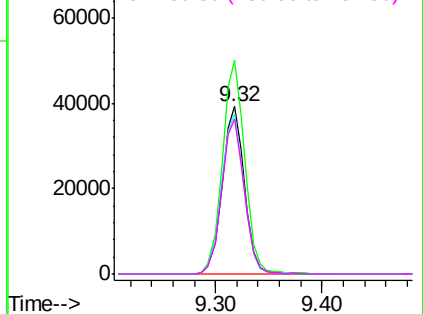


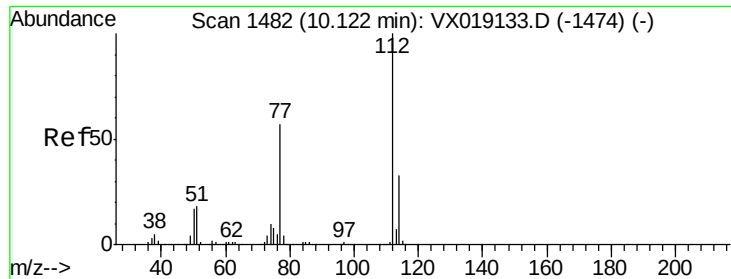
#64
Tetrachloroethene
Concen: 19.207 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion:164 Resp: 56804
Ion Ratio Lower Upper
164 100
166 127.7 104.1 156.1
129 95.6 76.2 114.4
131 92.5 74.6 112.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

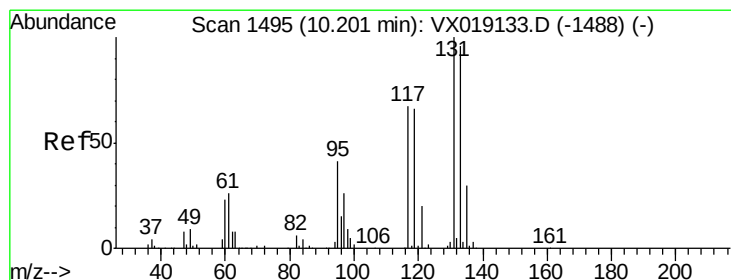
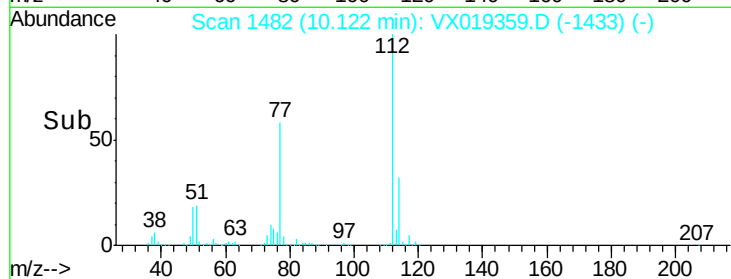
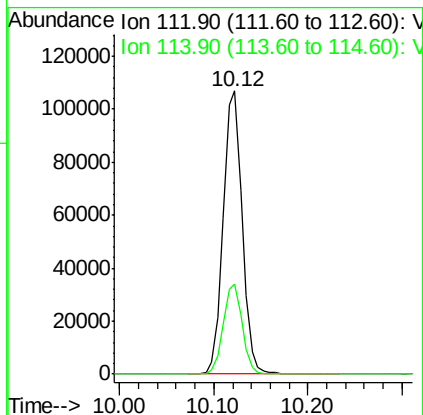
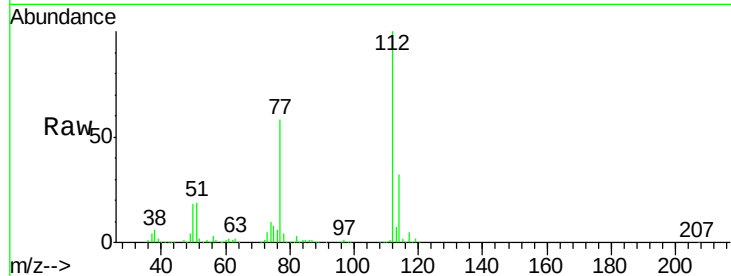




#65
Chlorobenzene
Concen: 18.811 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

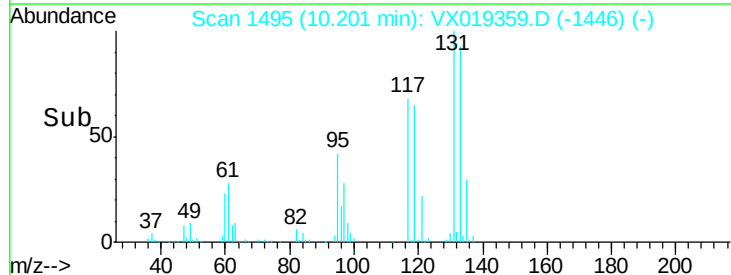
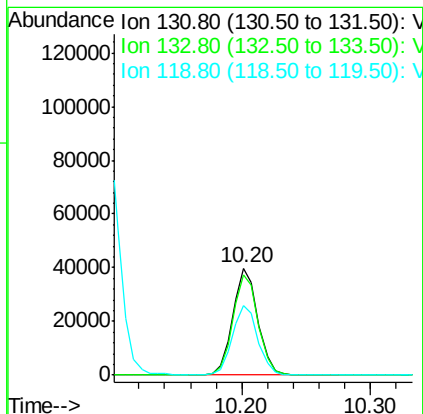
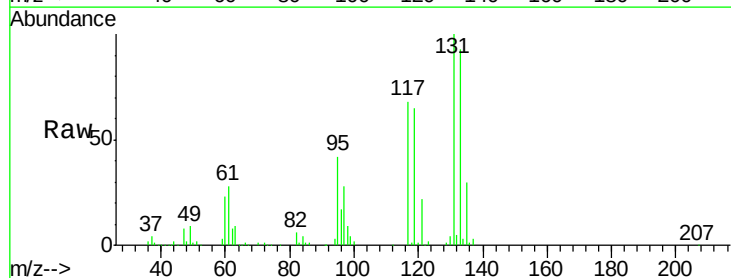
Instrument :
MSVOA_X
ClientSampled :

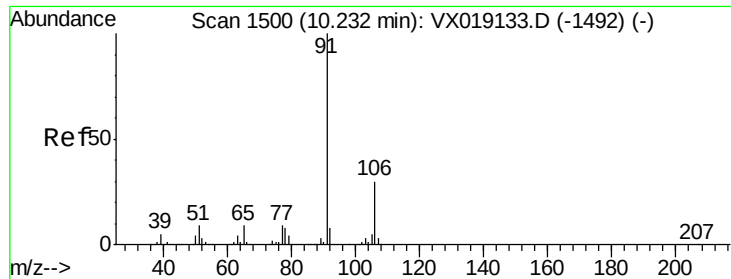
Tot Ion:112 Resp: 149243
Ion Ratio Lower Upper
112 100
114 32.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.817 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion:131 Resp: 53745
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.8
119 66.3 32.3 96.9

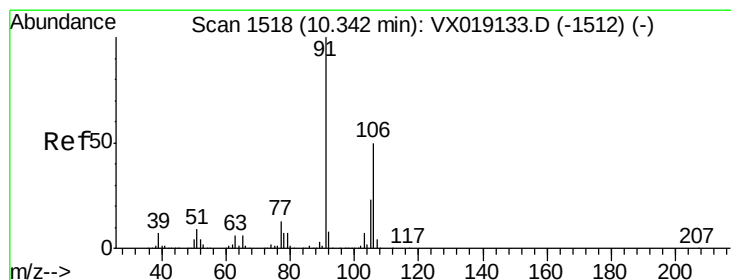
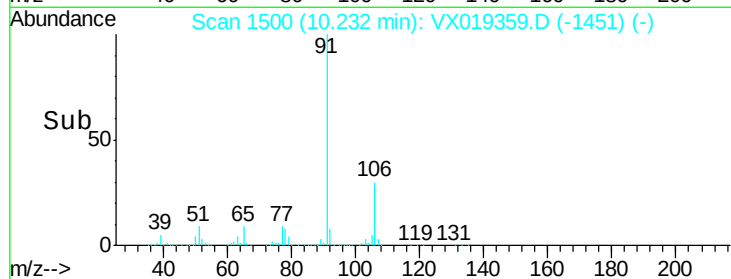
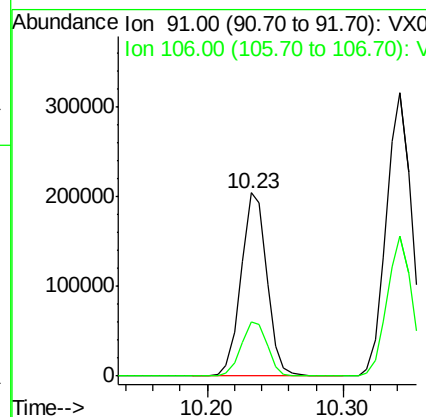
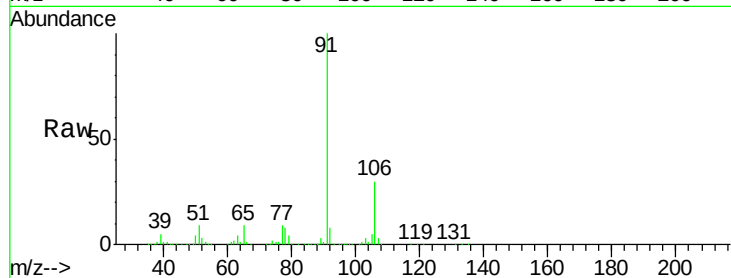




#67
Ethyl Benzene
Concen: 19.151 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

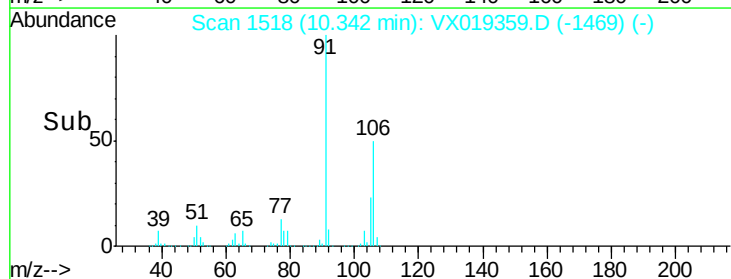
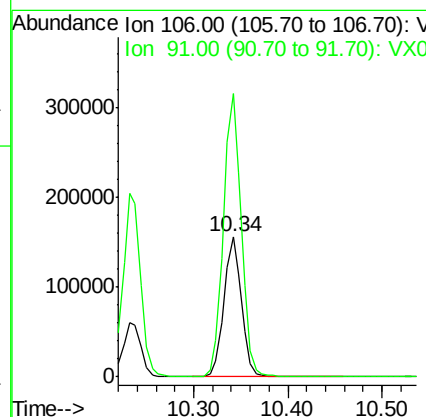
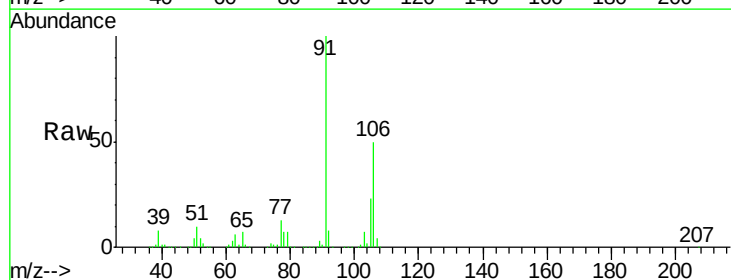
Instrument :
MSVOA_X
ClientSampled :

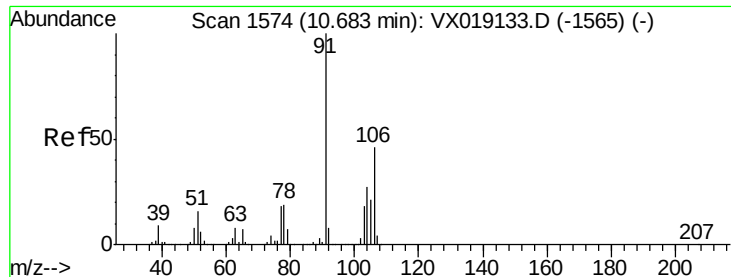
Tot Ion: 91 Resp: 270745
Ion Ratio Lower Upper
91 100
106 29.9 24.3 36.5



#68
m/p-Xylenes
Concen: 38.006 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion: 106 Resp: 201665
Ion Ratio Lower Upper
106 100
91 206.1 161.0 241.4

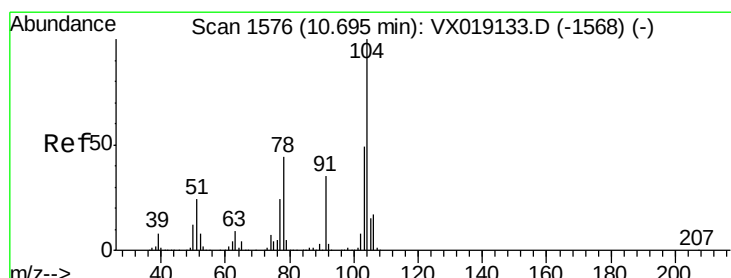
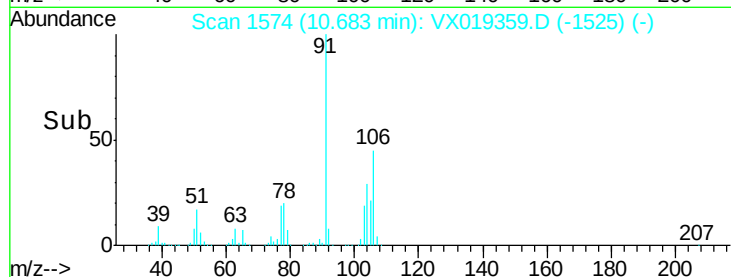
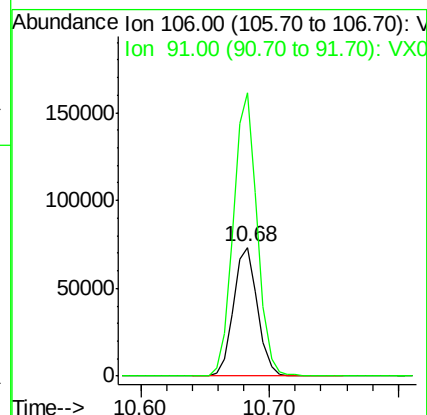
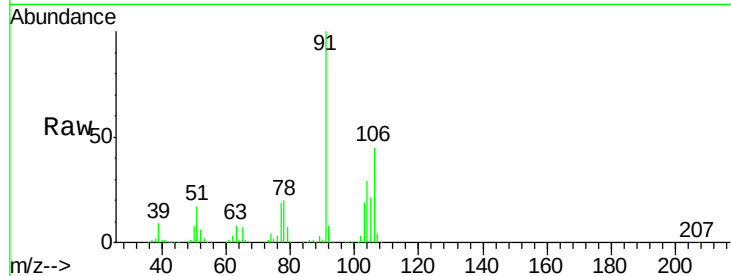




#69
o-Xylene
Concen: 19.062 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

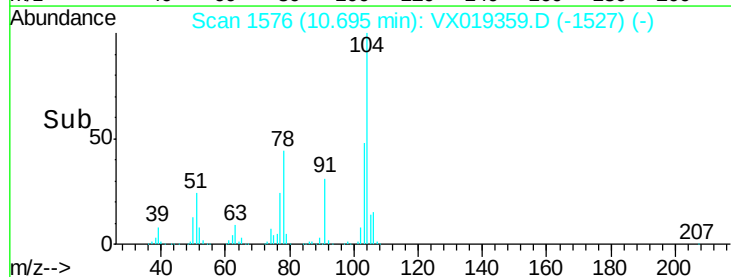
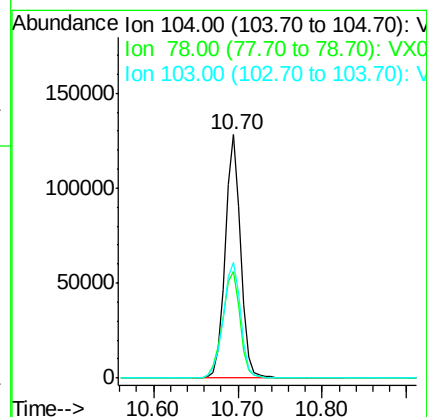
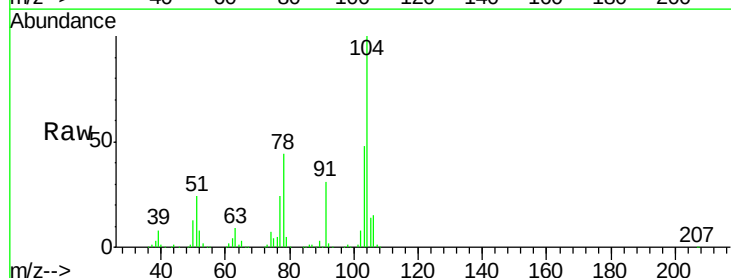
Instrument :
MSVOA_X
ClientSampled :

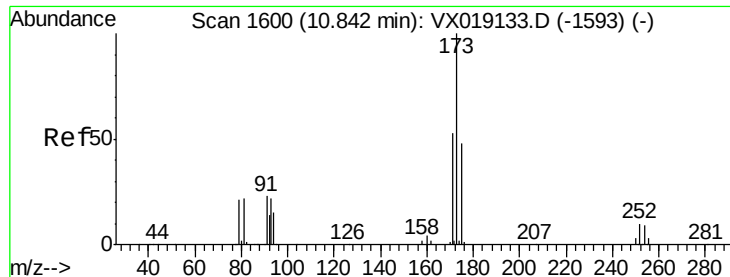
Tot Ion:106 Resp: 95933
Ion Ratio Lower Upper
106 100
91 218.8 108.3 324.8



#70
Styrene
Concen: 18.905 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion:104 Resp: 162338
Ion Ratio Lower Upper
104 100
78 50.8 40.0 60.0
103 53.9 43.5 65.3





#71

Bromoform

Concen: 17.888 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

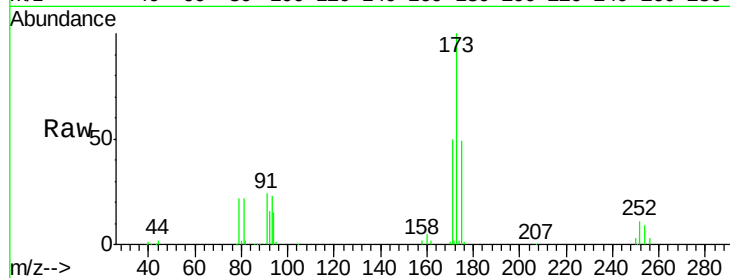
Tot Ion:173 Resp: 40509

Ion Ratio Lower Upper

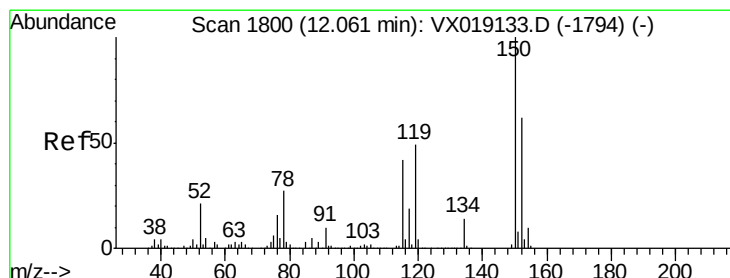
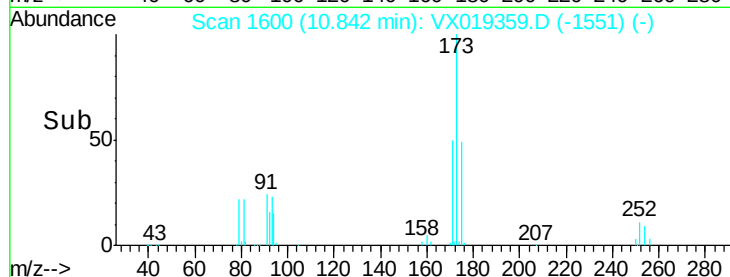
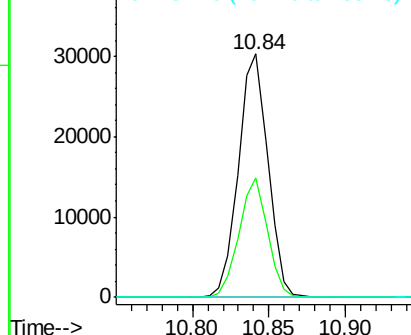
173 100

175 47.4 24.4 73.4

254 0.0 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: VX019359.D

Acq: 09 Nov 2020 11:51

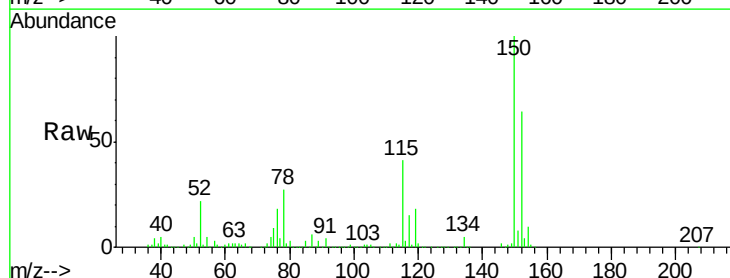
Tgt Ion:152 Resp: 196404

Ion Ratio Lower Upper

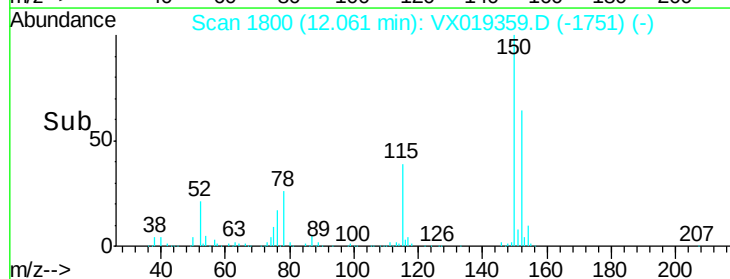
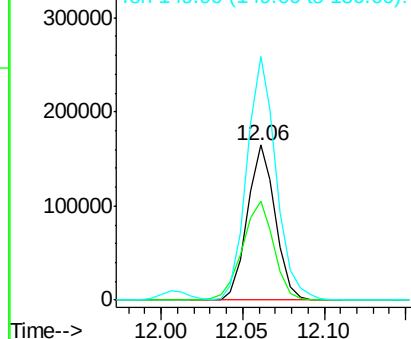
152 100

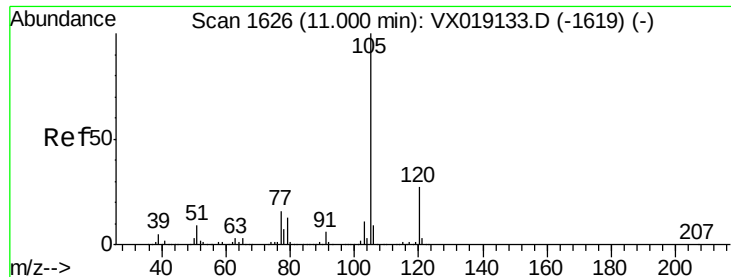
115 71.3 41.9 125.7

150 163.9 0.0 347.8



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





#73

Isopropylbenzene

Concen: 19.087 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

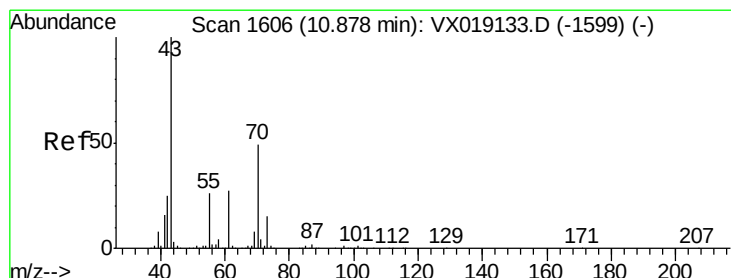
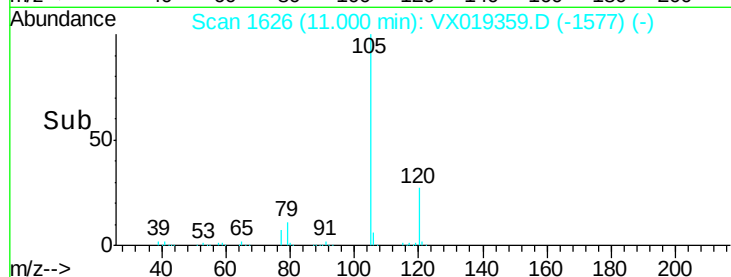
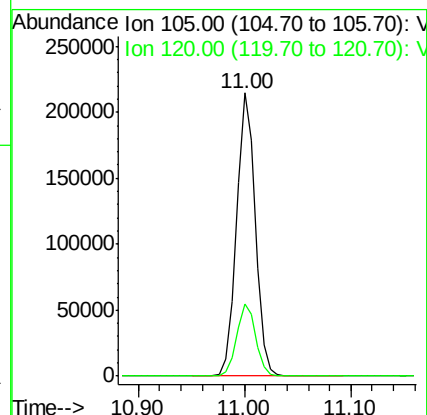
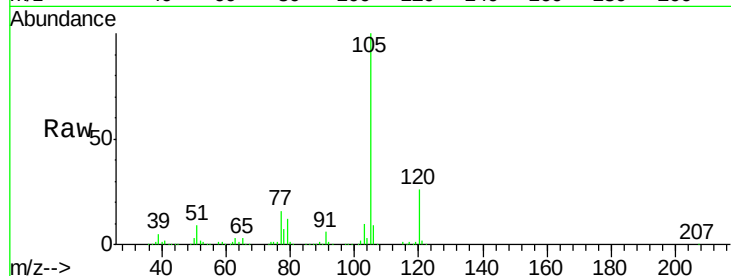
ClientSampleId :

Tot Ion:105 Resp: 265363

Ion Ratio Lower Upper

105 100

120 25.7 13.3 39.8



#74

N-ethyl acetate

Concen: 19.591 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Tgt Ion: 43 Resp: 99584

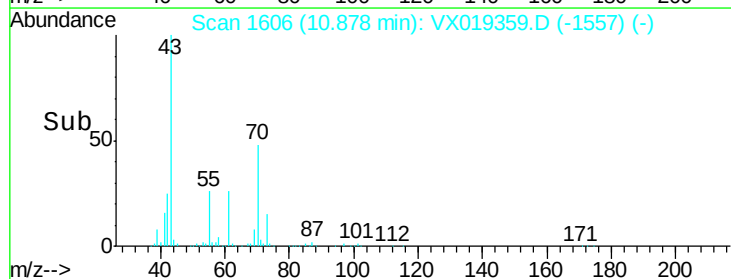
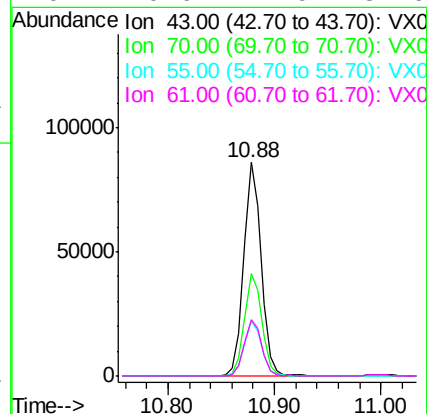
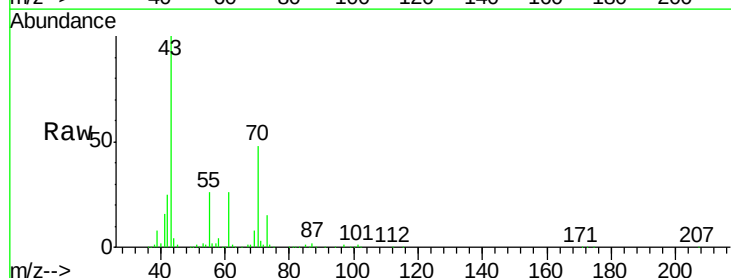
Ion Ratio Lower Upper

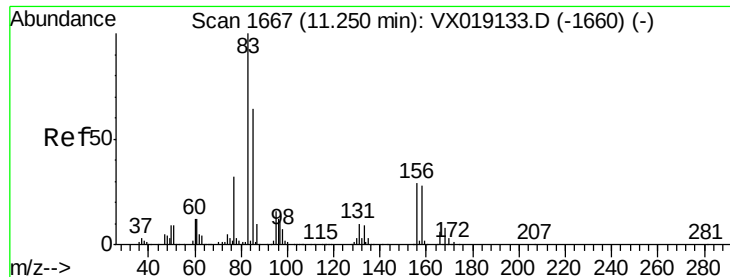
43 100

70 48.0 39.6 59.4

55 26.0 20.7 31.1

61 26.6 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.748 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

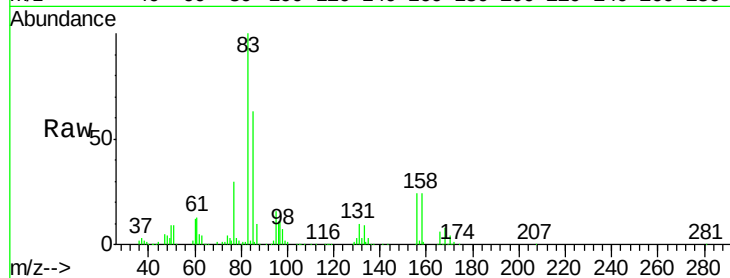
Tot Ion: 83 Resp: 85802

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

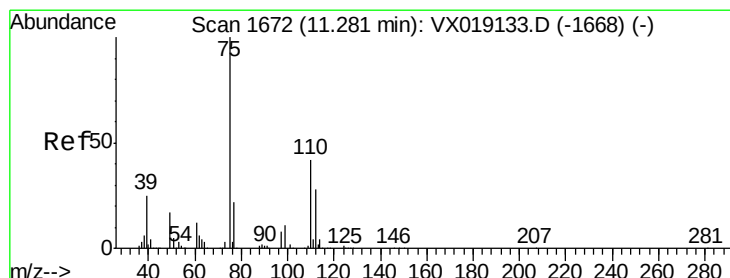
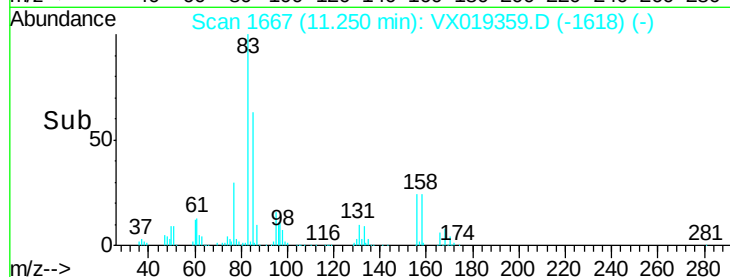
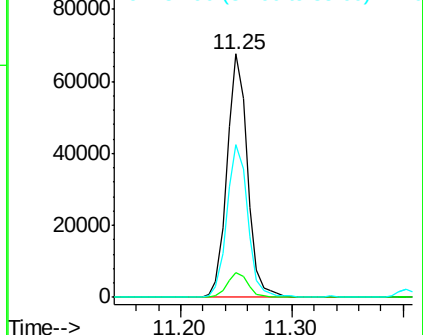
85 64.2 32.1 96.3



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: 24.585 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019359.D

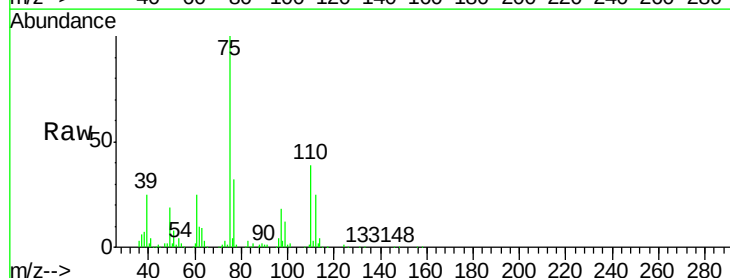
Acq: 09 Nov 2020 11:51

Tgt Ion: 75 Resp: 99699

Ion Ratio Lower Upper

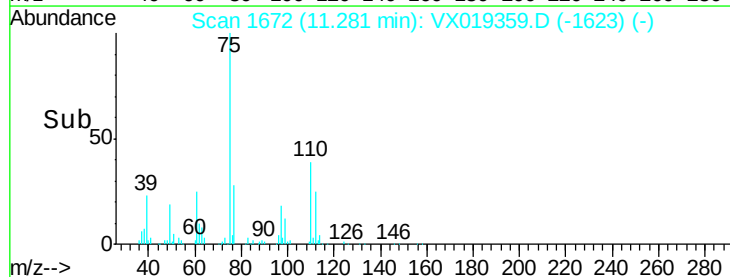
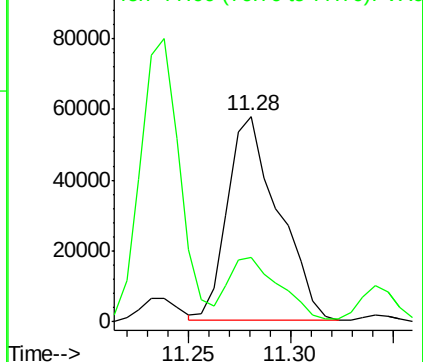
75 100

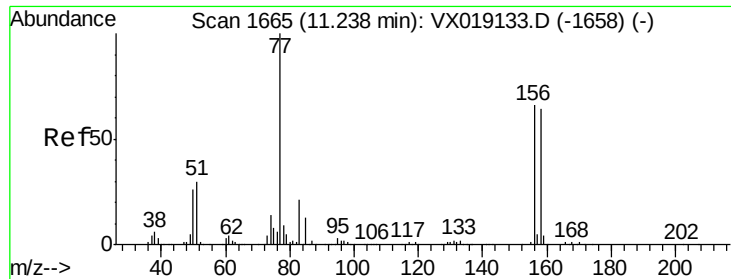
77 31.8 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.928 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

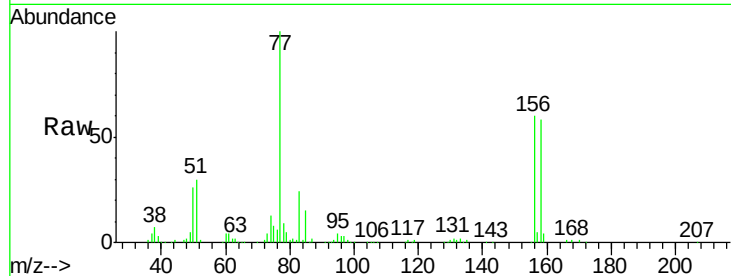
Tot Ion:156 Resp: 61859

Ion Ratio Lower Upper

156 100

77 172.8 77.7 233.1

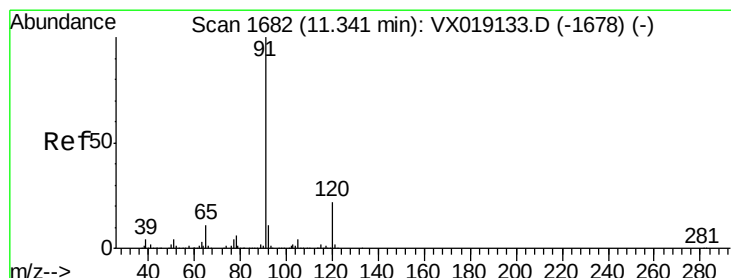
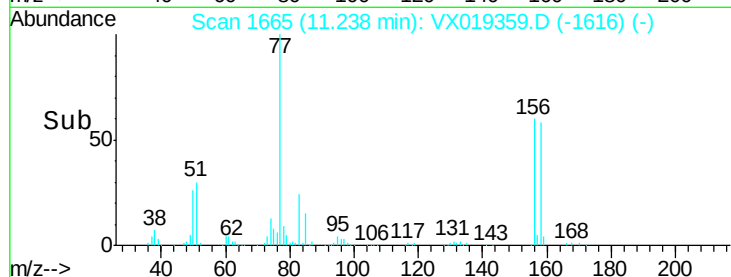
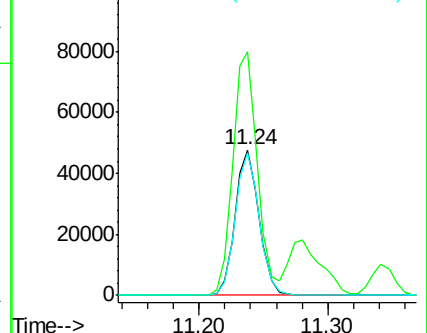
158 97.8 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.329 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019359.D

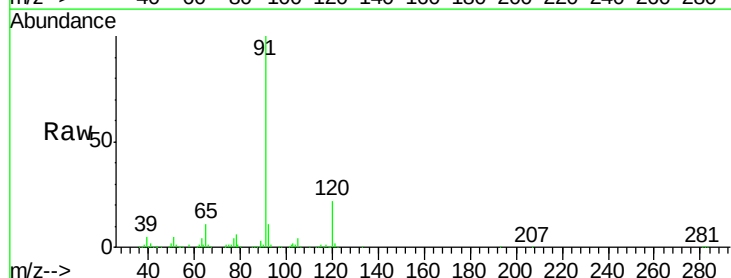
Acq: 09 Nov 2020 11:51

Tgt Ion: 91 Resp: 306753

Ion Ratio Lower Upper

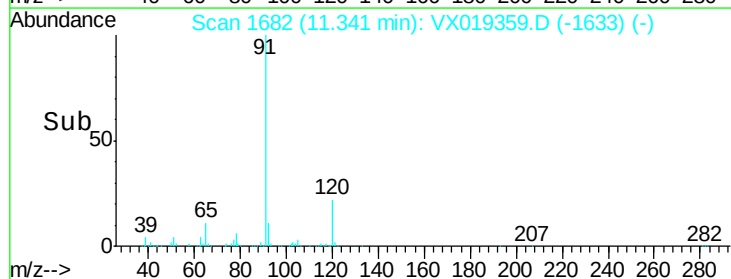
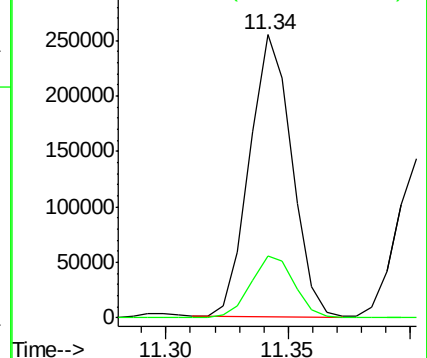
91 100

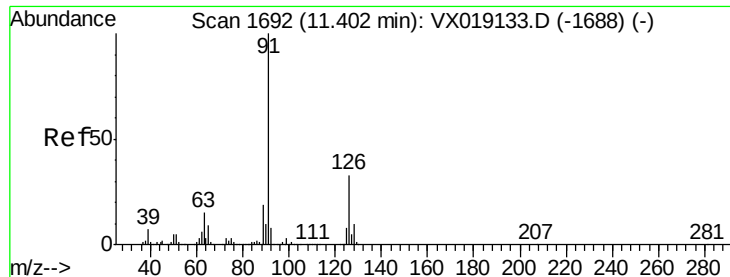
120 22.7 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

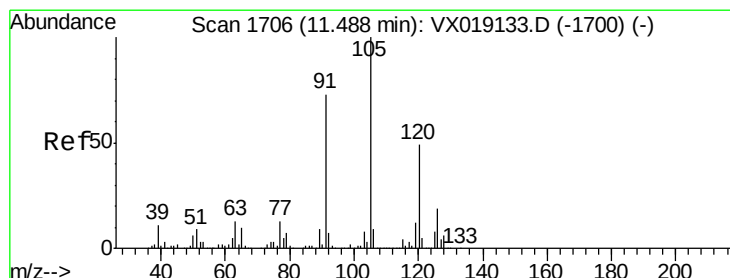
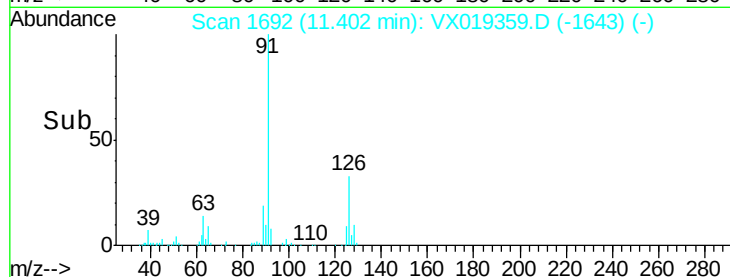
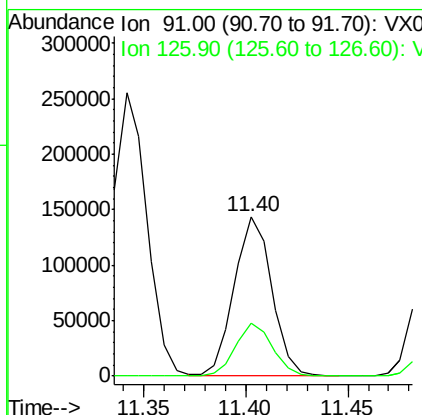
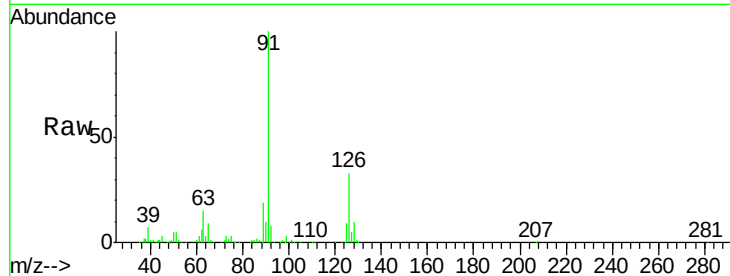




#79
 2-Chlorotoluene
 Concen: 19.492 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

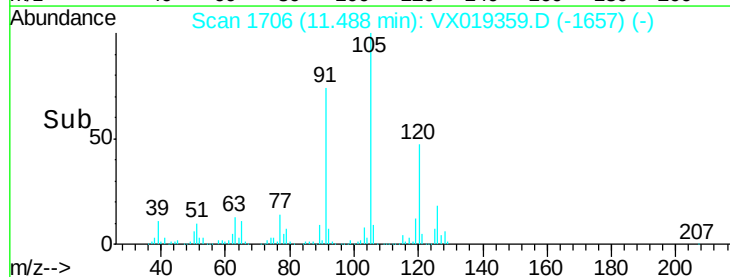
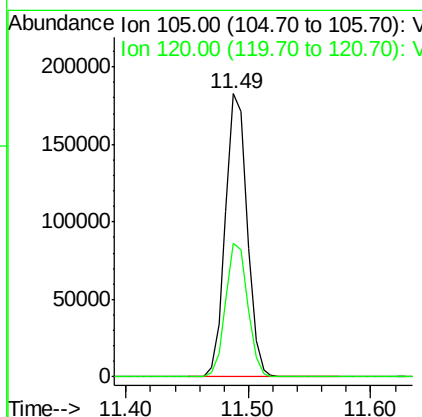
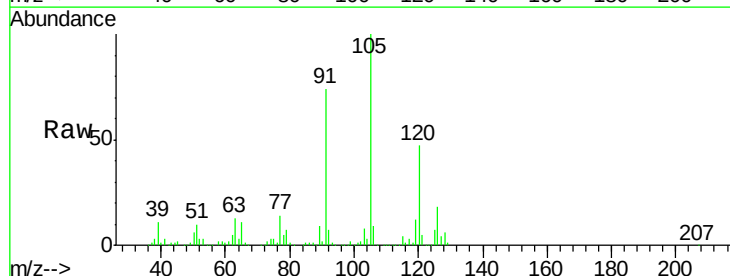
Instrument :
 MSVOA_X
 ClientSampleId :

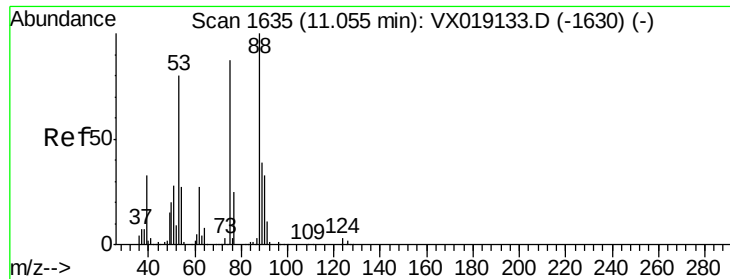
Tot Ion: 91 Resp: 182124
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.147 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion: 105 Resp: 224883
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.3 72.8

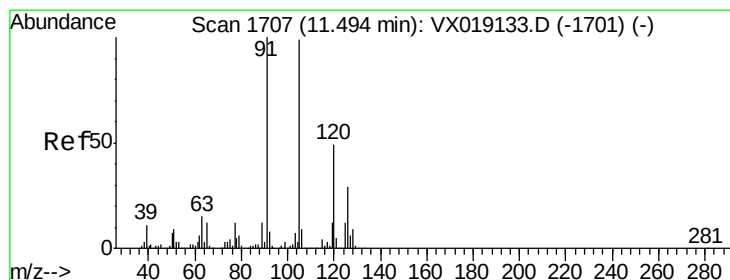
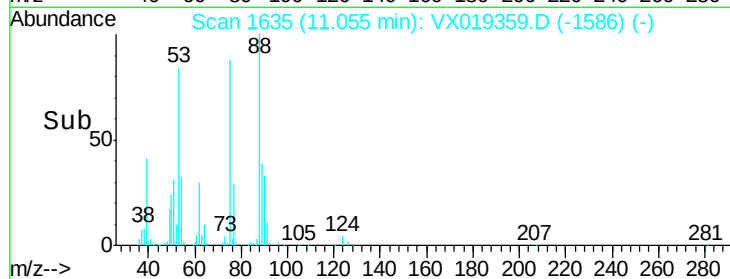
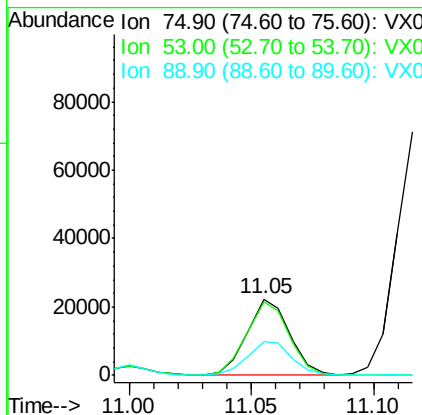
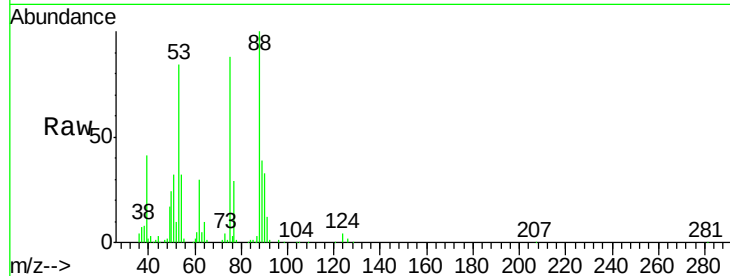




#81
trans-1,4-Dichloro-2-butene
Concen: 17.411 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

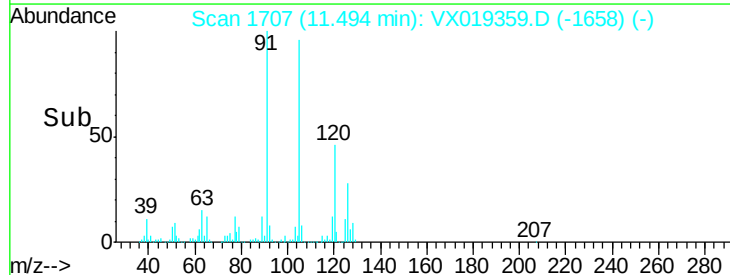
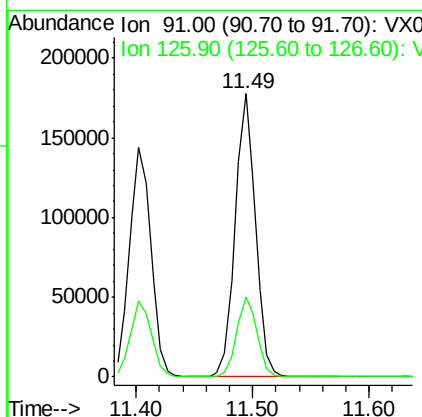
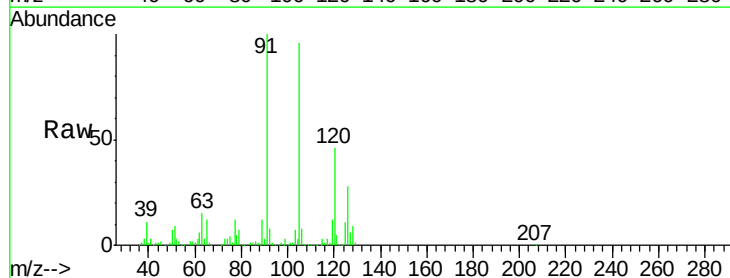
Instrument :
MSVOA_X
ClientSampleId :

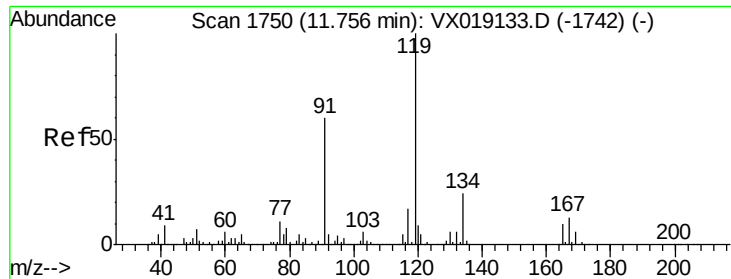
Tot Ion: 75 Resp: 26817
Ion Ratio Lower Upper
75 100
53 99.5 73.3 109.9
89 46.8 38.2 57.2



#82
4-Chlorotoluene
Concen: 18.972 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion: 91 Resp: 216466
Ion Ratio Lower Upper
91 100
126 28.4 14.8 44.4

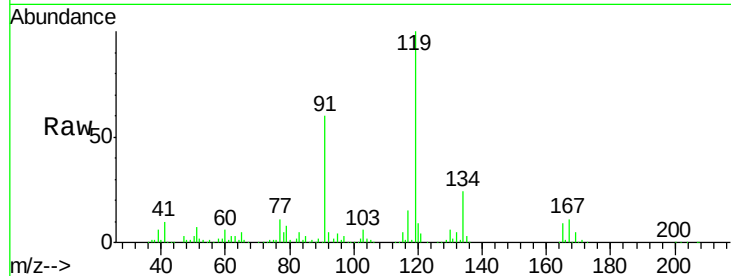




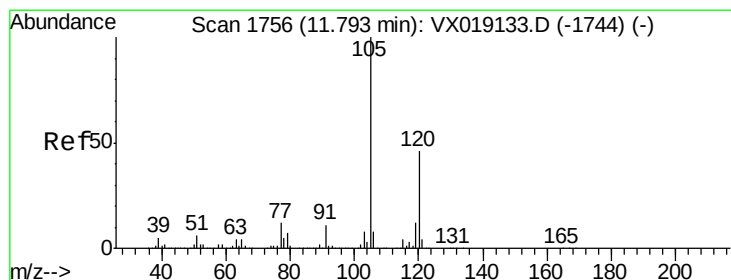
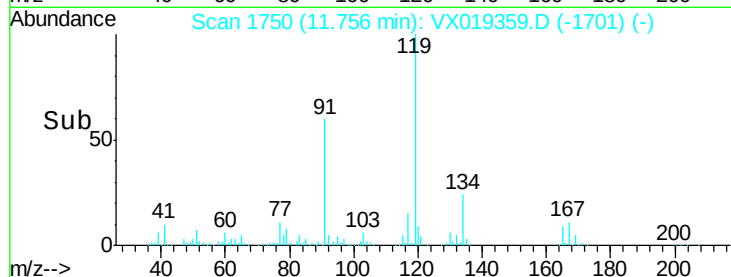
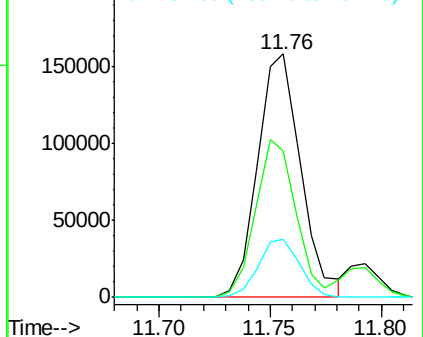
#83
 tert-Butylbenzene
 Concen: 19.036 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:119 Resp: 214075
 Ion Ratio Lower Upper
 119 100
 91 60.4 29.0 87.1
 134 22.9 11.7 35.0

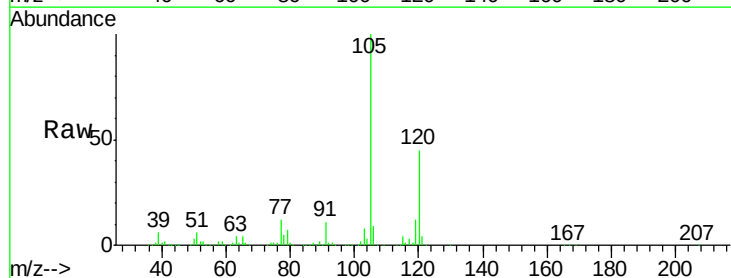


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

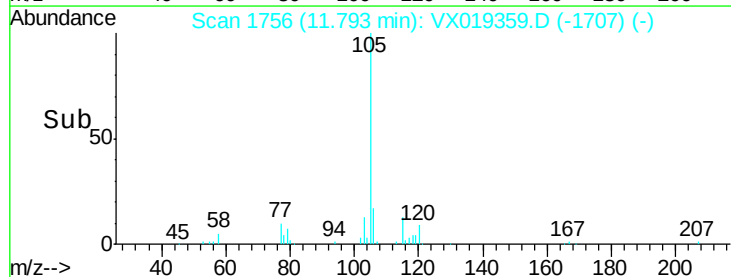
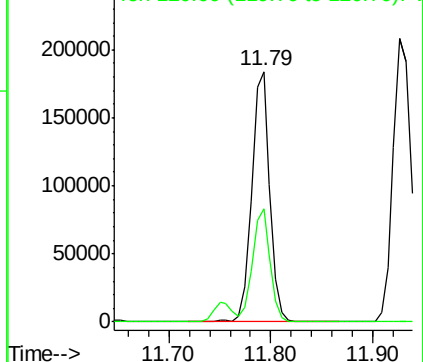


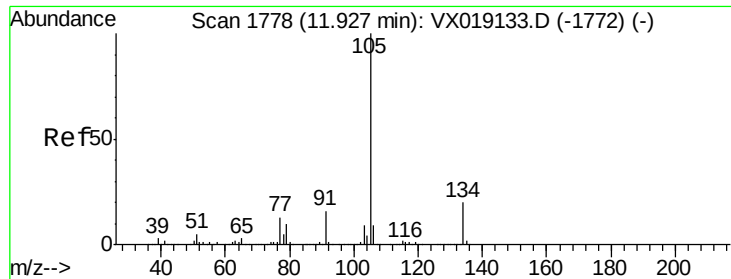
#84
 1,2,4-Trimethylbenzene
 Concen: 19.164 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion:105 Resp: 227227
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.4 67.3



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





#85

sec-Butylbenzene

Concen: 19.086 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

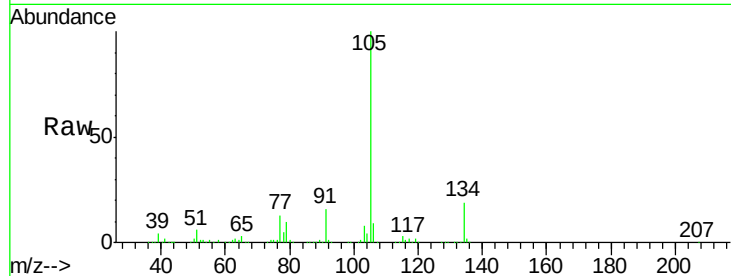
ClientSampleId :

Tot Ion:105 Resp: 257422

Ion Ratio Lower Upper

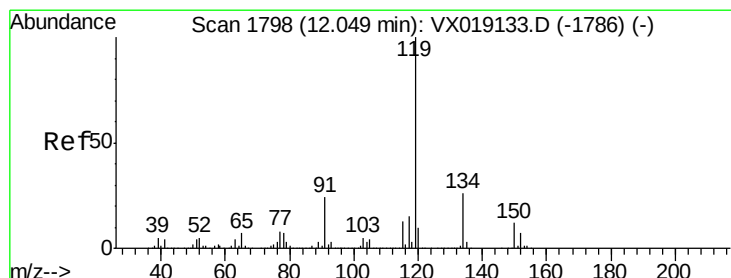
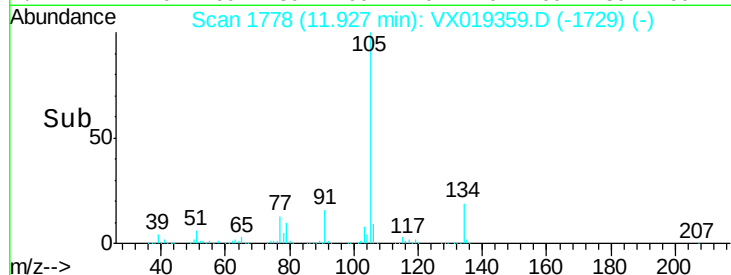
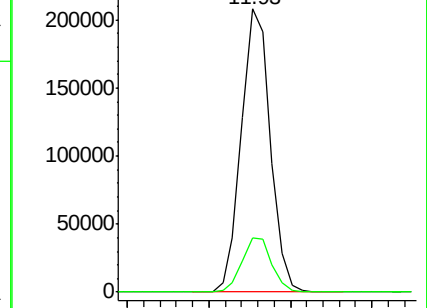
105 100

134 19.6 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.937 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

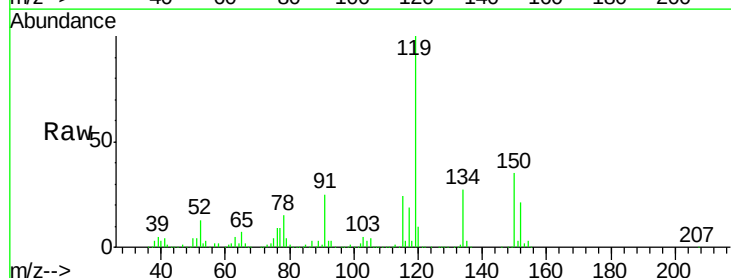
Tgt Ion:119 Resp: 235749

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

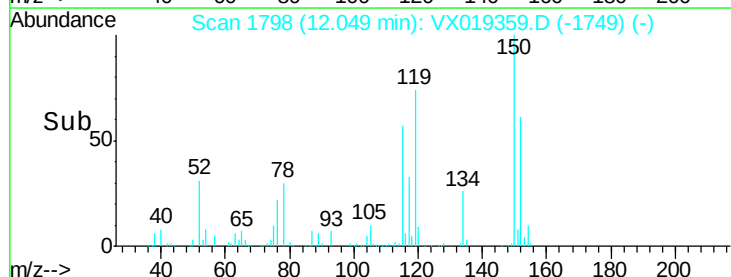
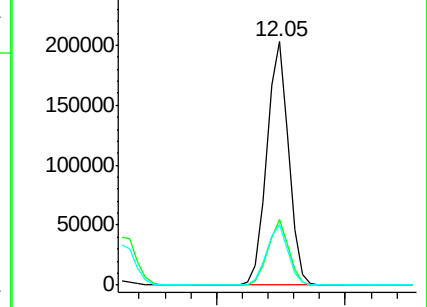
91 24.5 12.0 36.0

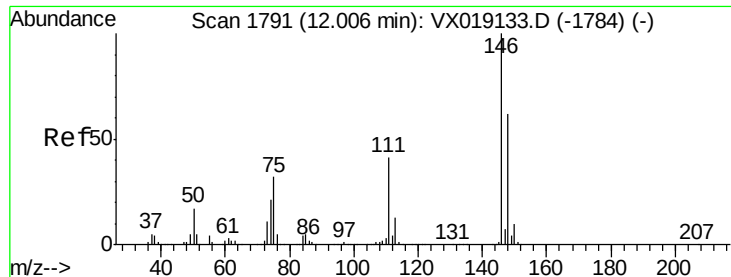


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

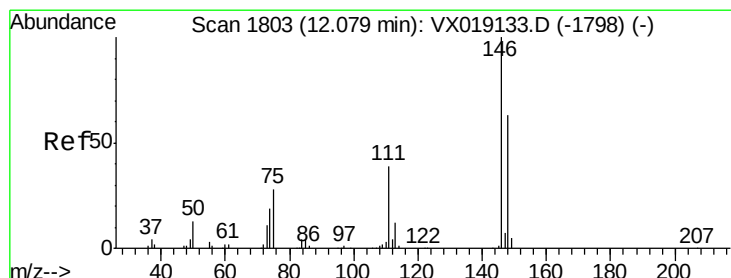
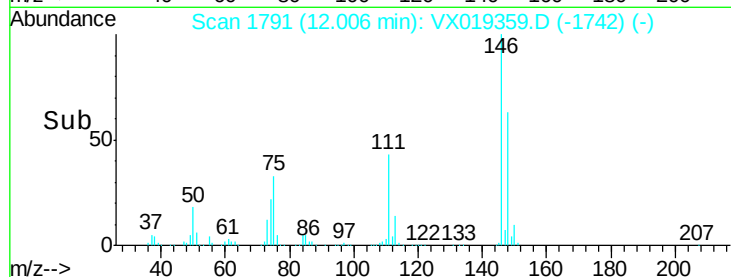
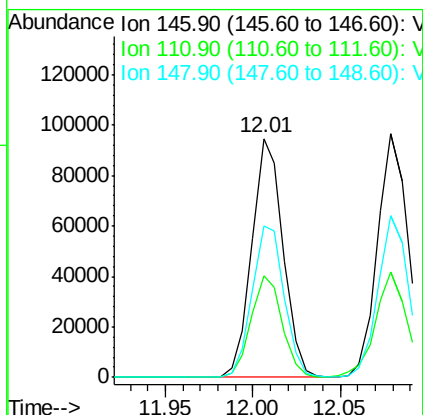
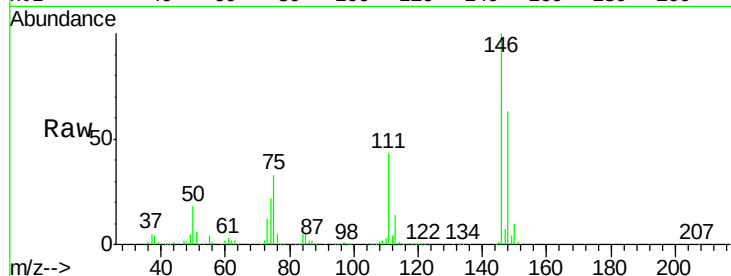




#87
 1,3-Dichlorobenzene
 Concen: 18.280 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

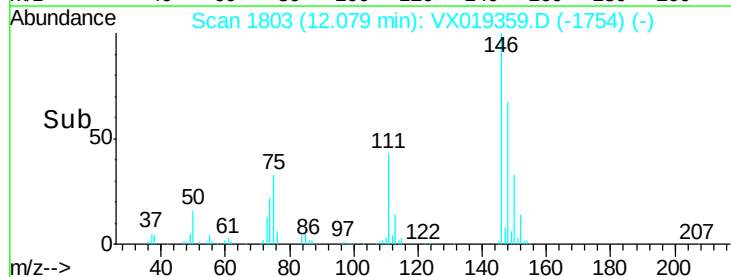
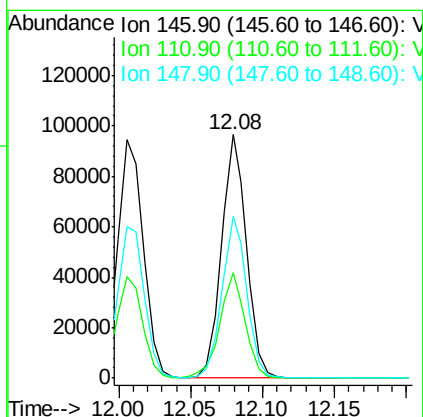
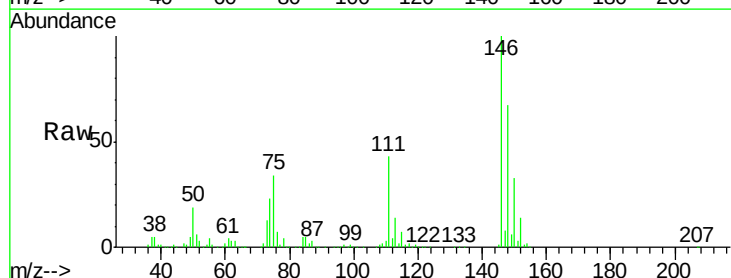
Instrument :
 MSVOA_X
 ClientSampleId :

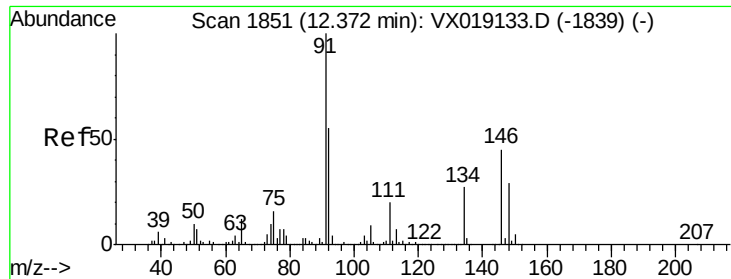
Tot Ion:146 Resp: 117463
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.4 61.2
 148 65.1 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 17.546 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion:146 Resp: 117359
 Ion Ratio Lower Upper
 146 100
 111 44.3 20.2 60.5
 148 66.2 31.3 93.8

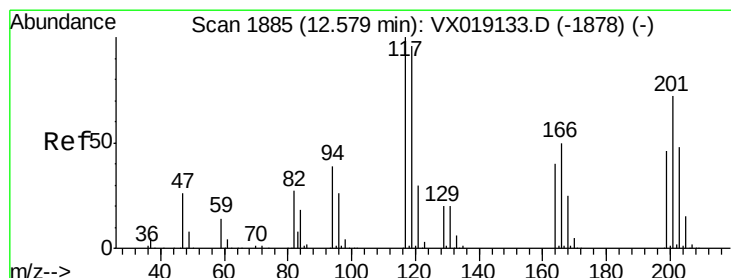
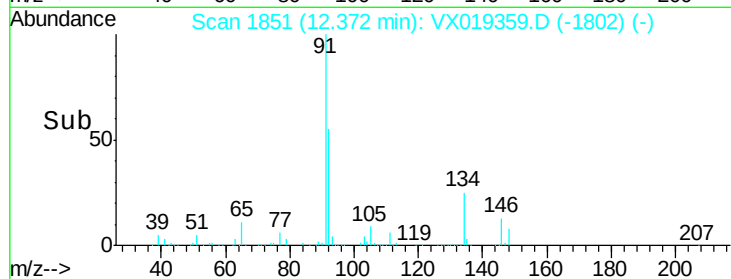
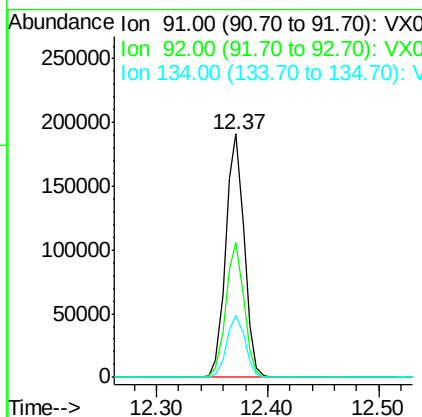
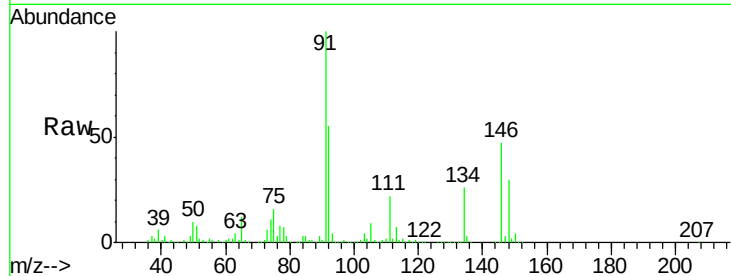




#89
n-Butylbenzene
Concen: 18.655 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

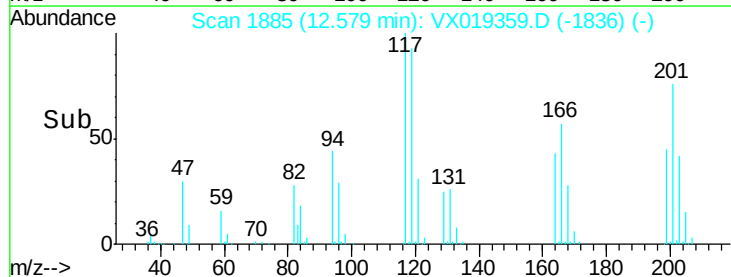
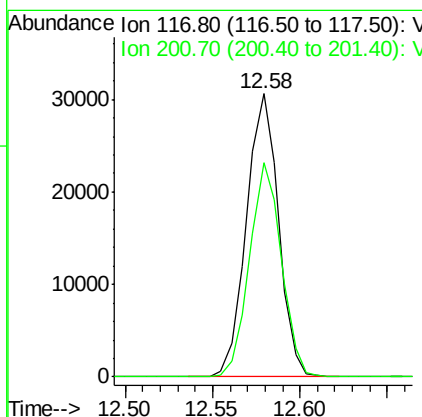
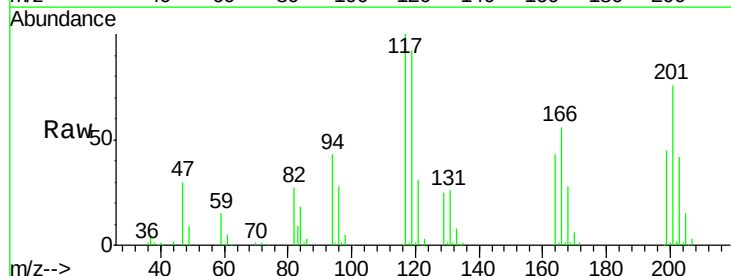
Instrument :
MSVOA_X
ClientSampled :

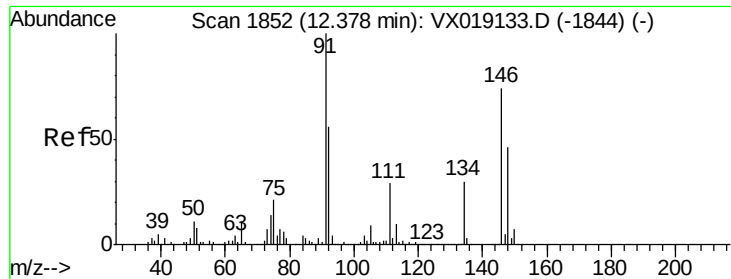
Tot Ion: 91 Resp: 218293
Ion Ratio Lower Upper
91 100
92 54.4 27.5 82.4
134 25.5 13.2 39.6



#90
Hexachloroethane
Concen: 18.452 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019359.D
Acq: 09 Nov 2020 11:51

Tgt Ion: 117 Resp: 39044
Ion Ratio Lower Upper
117 100
201 75.3 38.5 115.3

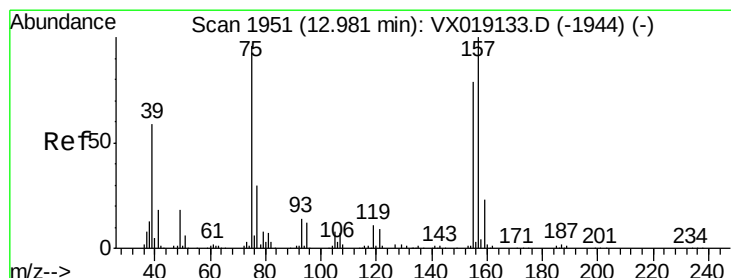
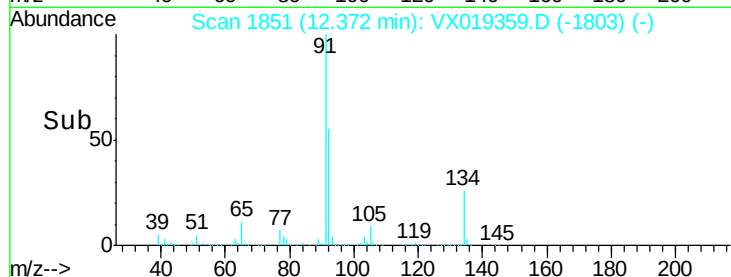
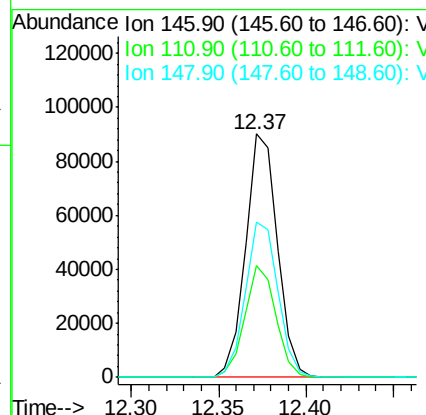
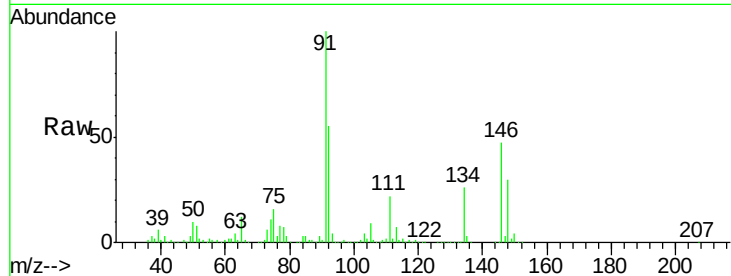




#91
 1,2-Dichlorobenzene
 Concen: 18.476 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

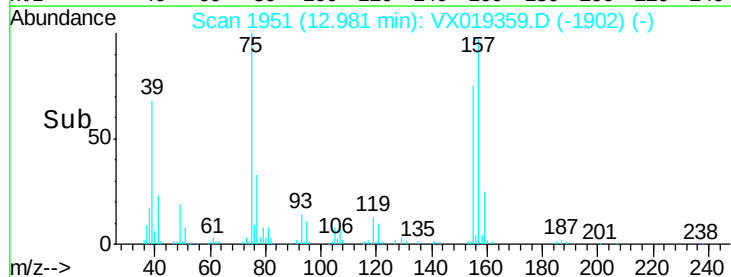
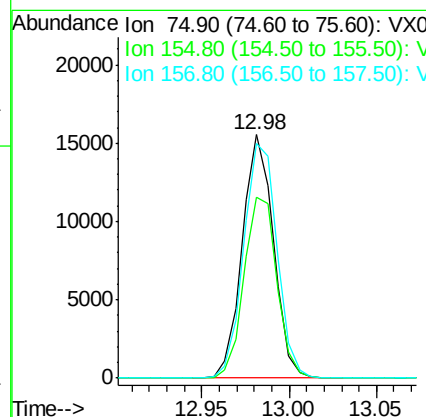
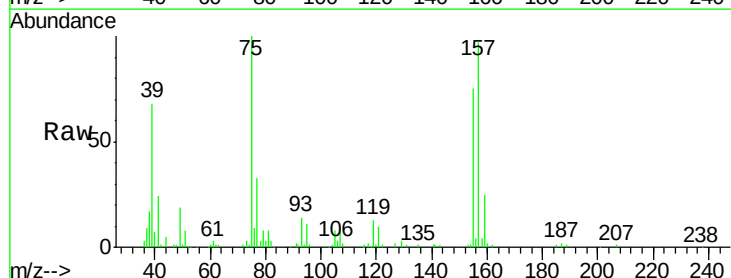
Instrument :
 MSVOA_X
 ClientSampleId :

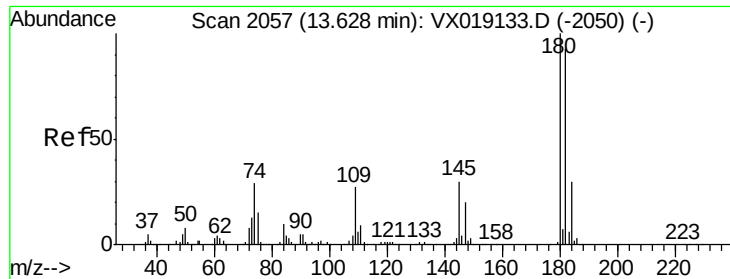
Tot Ion:146 Resp: 113995
 Ion Ratio Lower Upper
 146 100
 111 44.9 21.2 63.6
 148 65.5 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.126 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion: 75 Resp: 19279
 Ion Ratio Lower Upper
 75 100
 155 78.2 42.8 128.4
 157 102.8 54.8 164.4

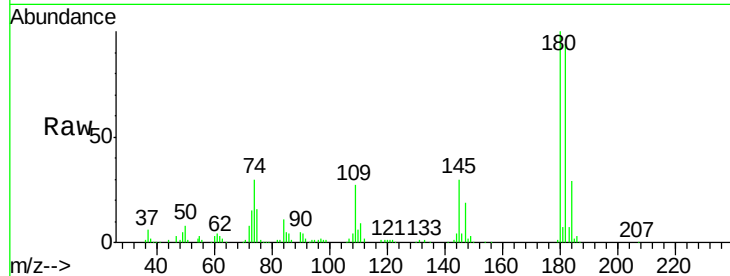




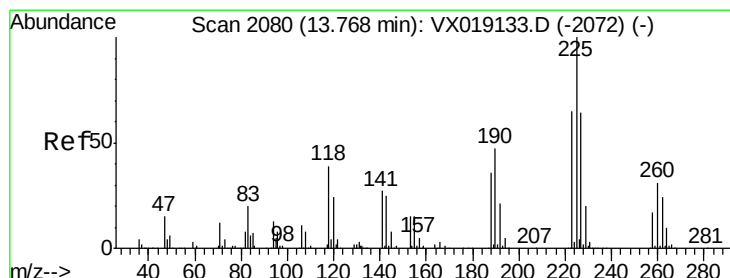
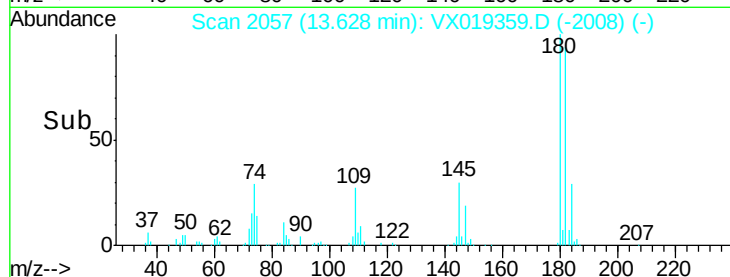
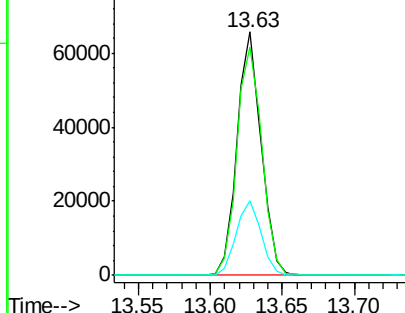
#93
 1,2,4-Trichlorobenzene
 Concen: 16.558 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 76740
 Ion Ratio Lower Upper
 180 100
 182 97.2 46.8 140.3
 145 31.8 15.5 46.5

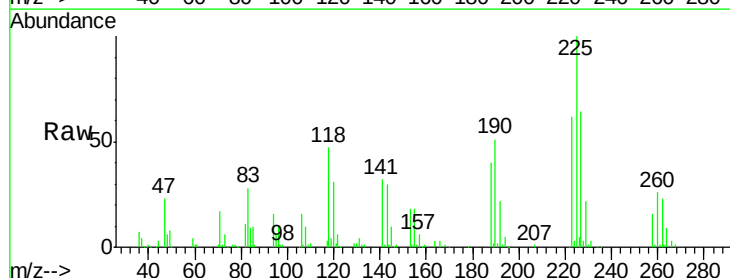


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

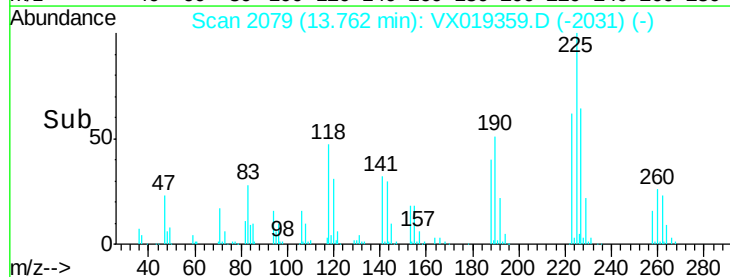
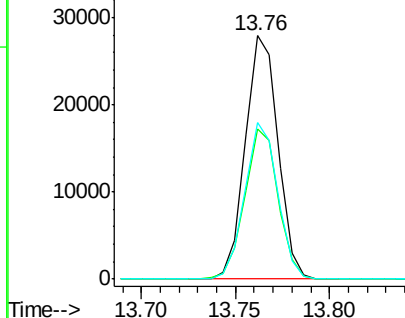


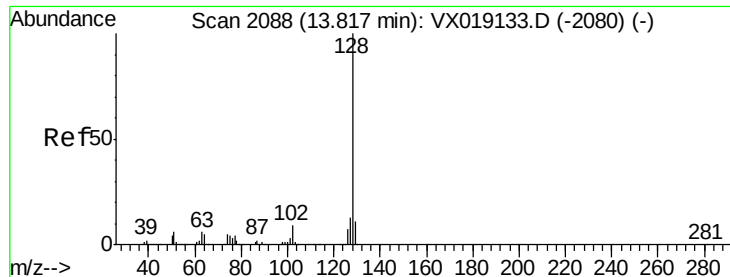
#94
 Hexachlorobutadiene
 Concen: 16.457 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019359.D
 Acq: 09 Nov 2020 11:51

Tgt Ion:225 Resp: 33574
 Ion Ratio Lower Upper
 225 100
 223 62.8 32.4 97.2
 227 64.7 31.6 94.7



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





#95

Naphthalene

Concen: 17.111 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

Instrument :

MSVOA_X

ClientSampled :

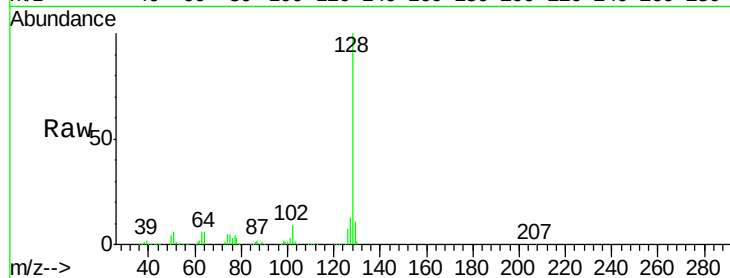
Tot Ion:128 Resp: 249761

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

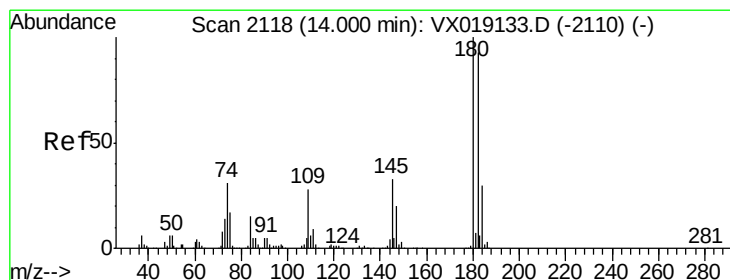
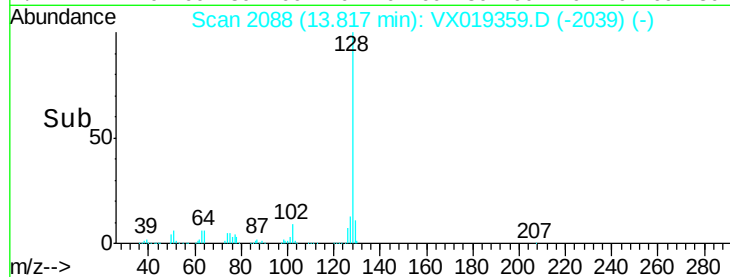
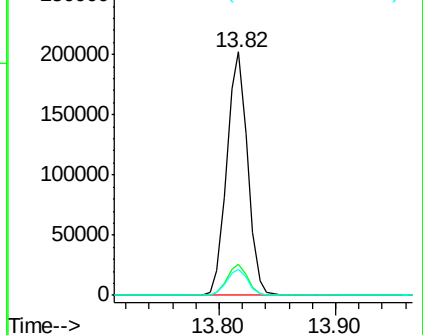
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.161 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019359.D

Acq: 09 Nov 2020 11:51

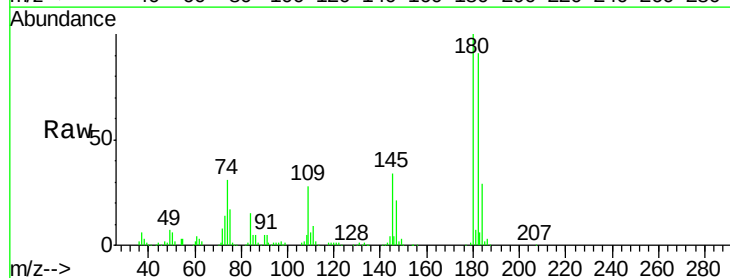
Tgt Ion:180 Resp: 77155

Ion Ratio Lower Upper

180 100

182 92.4 47.8 143.3

145 33.2 16.5 49.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

