

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019277.D
 Acq On : 04 Nov 2020 18:34
 Operator : JC/MD
 Sample : VX1106WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 05 02:22:51 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	252033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	423296	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	383366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186373	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	167357	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
35) Dibromofluoromethane	5.46	113	129601	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
50) Toluene-d8	8.70	98	498161	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.12	95	182664	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	39846	18.964	ug/l	98
3) Chloromethane	1.31	50	48107	20.494	ug/l	97
4) Vinyl Chloride	1.39	62	53937	19.813	ug/l	100
5) Bromomethane	1.64	94	42899	23.075	ug/l	99
6) Chloroethane	1.71	64	36615	21.066	ug/l	96
7) Trichlorofluoromethane	1.92	101	84535	19.766	ug/l	100
8) Diethyl Ether	2.17	74	34135	20.797	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	45641	19.254	ug/l	98
10) Methyl Iodide	2.49	142	46648	20.923	ug/l	99
11) Tert butyl alcohol	3.03	59	63972	99.649	ug/l	100
12) 1,1-Dichloroethene	2.35	96	45438	18.601	ug/l	96
13) Acrolein	2.28	56	22523	82.345	ug/l	94
14) Allyl chloride	2.71	41	74310	20.084	ug/l	98
15) Acrylonitrile	3.12	53	140271	103.980	ug/l	99
16) Acetone	2.42	43	117326	104.635	ug/l	99
17) Carbon Disulfide	2.55	76	124449	18.361	ug/l	99
18) Methyl Acetate	2.75	43	57790	21.194	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	169627	20.041	ug/l	98
20) Methylene Chloride	2.84	84	54294	19.287	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	52477	18.666	ug/l	94
22) Diisopropyl ether	3.82	45	155098	21.027	ug/l	92
23) Vinyl Acetate	3.78	43	680850	103.508	ug/l	98
24) 1,1-Dichloroethane	3.67	63	94064	20.425	ug/l	100
25) 2-Butanone	4.63	43	186085	105.302	ug/l	99
26) 2,2-Dichloropropane	4.55	77	83943	19.389	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	60188	19.159	ug/l	96
28) Bromochloromethane	4.98	49	40272	19.235	ug/l	92
29) Tetrahydrofuran	5.09	42	118355	106.277	ug/l	98
30) Chloroform	5.18	83	99115	20.219	ug/l	99
31) Cyclohexane	5.55	56	80014	19.475	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	88399	19.890	ug/l	99
36) 1,1-Dichloropropene	5.77	75	73677	18.849	ug/l	99
37) Ethyl Acetate	4.79	43	73814	20.339	ug/l	99
38) Carbon Tetrachloride	5.76	117	74199	18.623	ug/l	99

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 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	86488	18.505	ug/l	94
40) Benzene	6.12	78	217890	19.660	ug/l	100
41) Methacrylonitrile	5.01	41	38383	19.639	ug/l	98
42) 1,2-Dichloroethane	6.16	62	81698	20.002	ug/l	100
43) Isopropyl Acetate	6.41	43	120002	19.747	ug/l	99
44) Trichloroethene	7.19	130	58465	18.420	ug/l	94
45) 1,2-Dichloropropane	7.49	63	54798	20.187	ug/l	100
46) Dibromomethane	7.64	93	37766	18.814	ug/l	98
47) Bromodichloromethane	7.87	83	75733	19.141	ug/l	100
48) Methyl methacrylate	7.74	41	58261	19.919	ug/l	98
49) 1,4-Dioxane	7.74	88	25962	399.134	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	369181	105.701	ug/l	99
52) Toluene	8.76	92	137706	19.292	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	82139	18.176	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	89452	18.824	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	54661	19.381	ug/l	97
56) Ethyl methacrylate	9.16	69	82042	19.259	ug/l	97
57) 1,3-Dichloropropane	9.35	76	94513	19.876	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	223442	93.788	ug/l	96
59) 2-Hexanone	9.47	43	279998	105.315	ug/l	98
60) Dibromochloromethane	9.57	129	56656	18.510	ug/l	99
61) 1,2-Dibromoethane	9.65	107	58075	19.256	ug/l	99
64) Tetrachloroethene	9.32	164	55680	19.063	ug/l	96
65) Chlorobenzene	10.12	112	144274	18.413	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	52107	18.472	ug/l	98
67) Ethyl Benzene	10.24	91	262242	18.782	ug/l	99
68) m/p-Xylenes	10.34	106	195434	37.294	ug/l	98
69) o-Xylene	10.68	106	92447	18.599	ug/l	99
70) Styrene	10.69	104	157182	18.534	ug/l	100
71) Bromoform	10.84	173	37923	16.956	ug/l #	100
73) Isopropylbenzene	11.00	105	254268	19.274	ug/l	99
74) N-amyl acetate	10.88	43	94653	19.623	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	82838	20.092	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	95089	24.710	ug/l	88
77) Bromobenzene	11.24	156	60052	18.341	ug/l	94
78) n-propylbenzene	11.34	91	291491	19.356	ug/l	98
79) 2-Chlorotoluene	11.40	91	172445	19.450	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	211432	18.971	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	24208	16.563	ug/l	91
82) 4-Chlorotoluene	11.49	91	202498	18.703	ug/l	98
83) tert-Butylbenzene	11.76	119	199367	18.683	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	215994	19.197	ug/l	98
85) sec-Butylbenzene	11.93	105	247092	19.306	ug/l	99
86) p-Isopropyltoluene	12.05	119	221464	18.747	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	113340	18.588	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	115552	18.205	ug/l	99
89) n-Butylbenzene	12.37	91	204163	18.386	ug/l	99
90) Hexachloroethane	12.58	117	35407	17.634	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	109797	18.753	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18295	18.126	ug/l	94

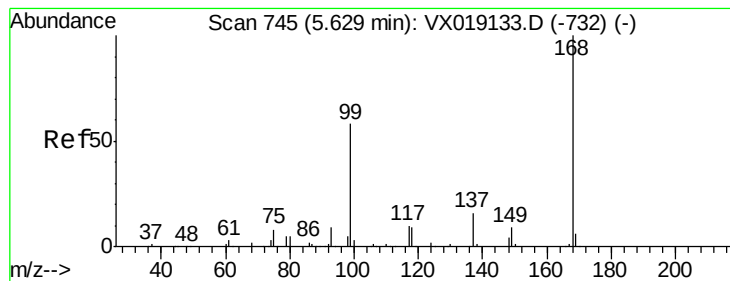
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	71619	16.285	ug/l	97
94) Hexachlorobutadiene	13.76	225	33101	17.098	ug/l	99
95) Naphthalene	13.82	128	233876	16.885	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	72303	16.947	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

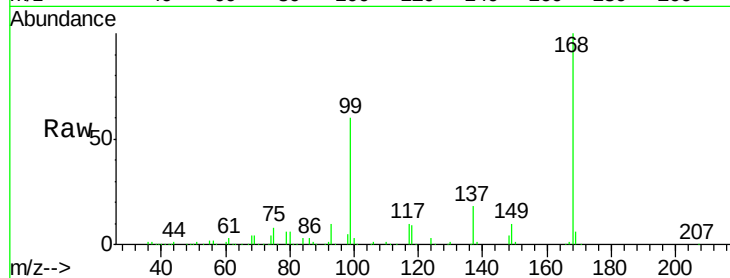
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 252033

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

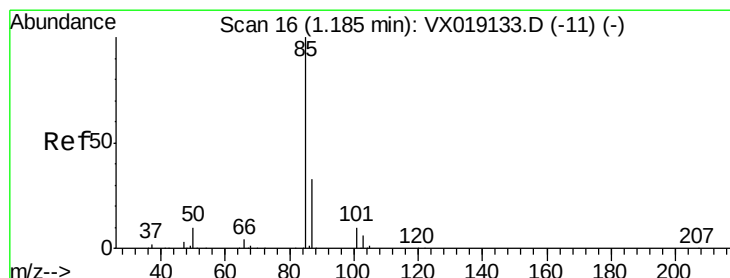
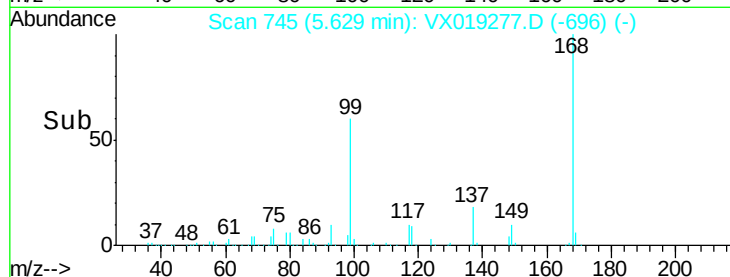
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.964 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019277.D

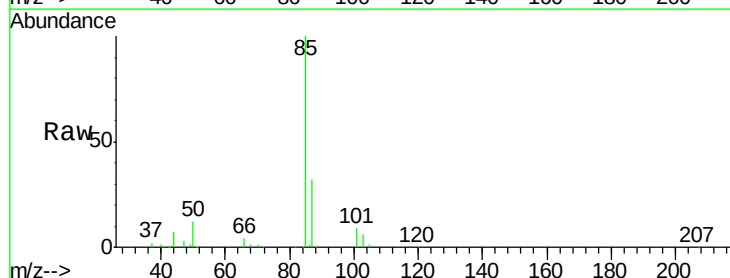
Acq: 04 Nov 2020 18:34

Tgt Ion: 85 Resp: 39846

Ion Ratio Lower Upper

85 100

87 32.2 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

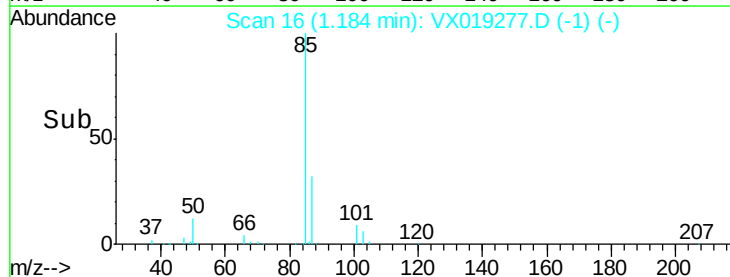
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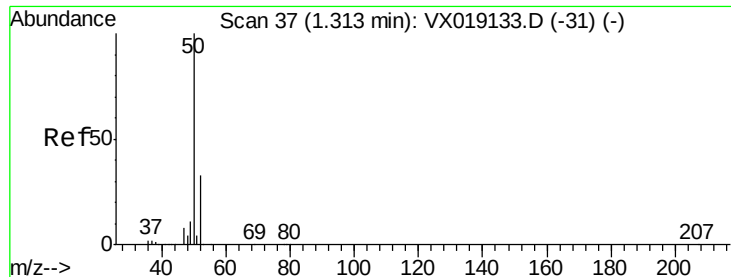
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 20.494 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

Instrument :

MSVOA_X

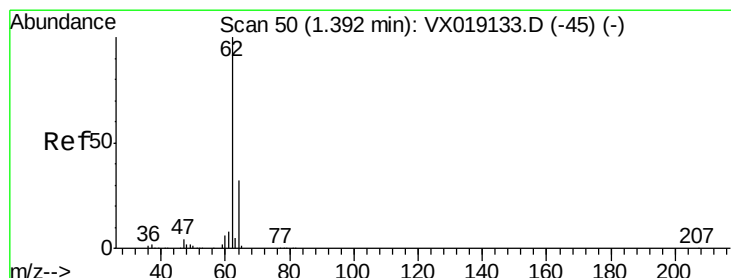
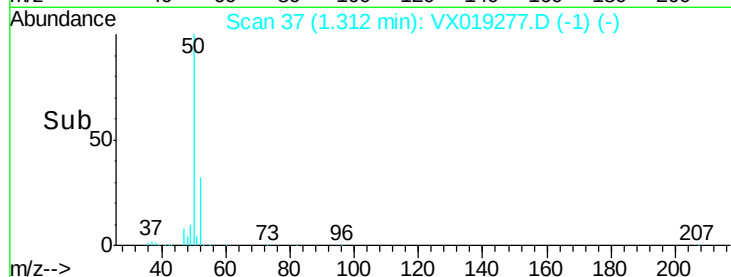
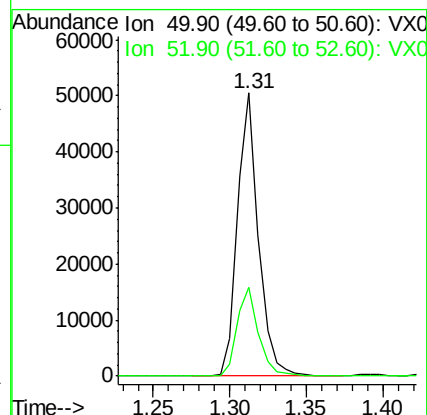
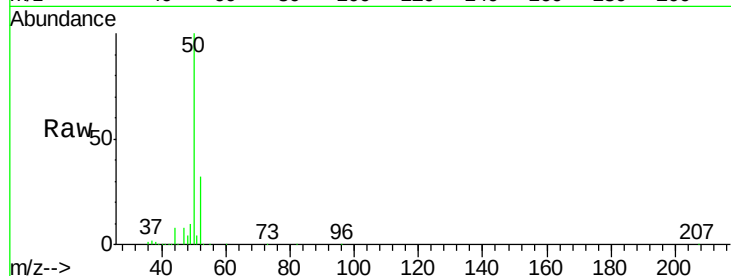
ClientSampleId :

Tot Ion: 50 Resp: 48107

Ion Ratio Lower Upper

50 100

52 31.6 26.8 40.2



#4

Vinyl Chloride

Concen: 19.813 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019277.D

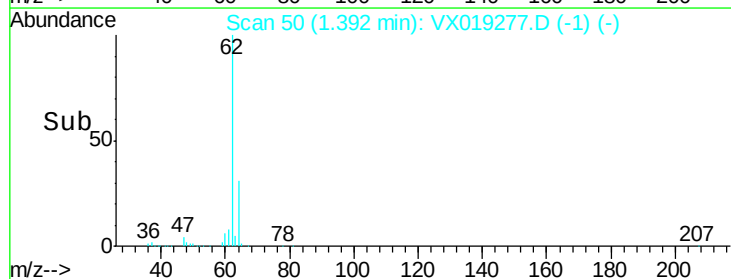
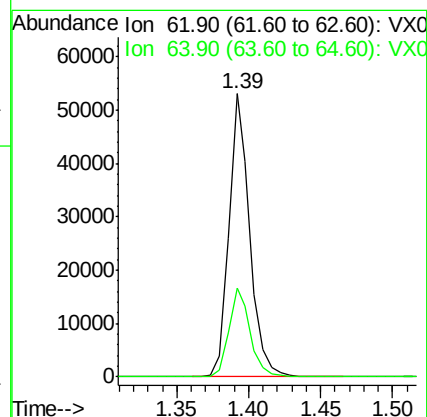
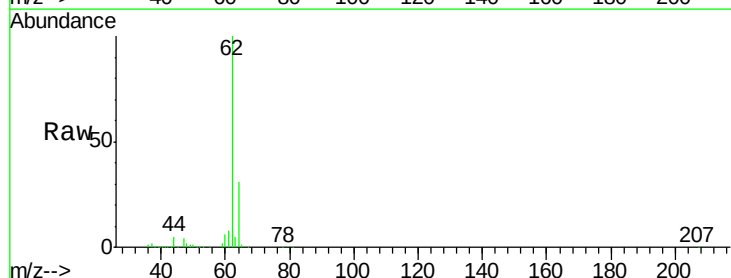
Acq: 04 Nov 2020 18:34

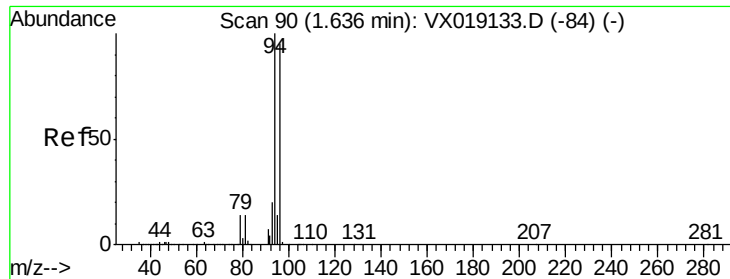
Tgt Ion: 62 Resp: 53937

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0





#5

Bromomethane

Concen: 23.075 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

Instrument :

MSVOA_X

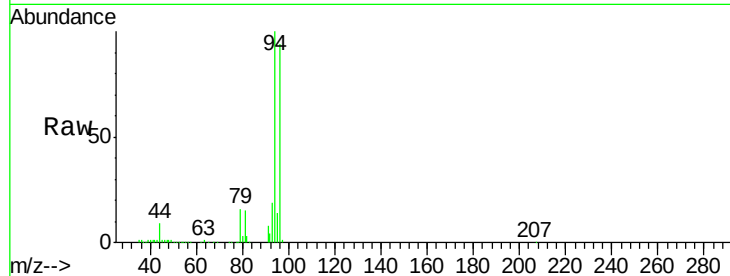
ClientSampleId :

Tot Ion: 94 Resp: 42899

Ion Ratio Lower Upper

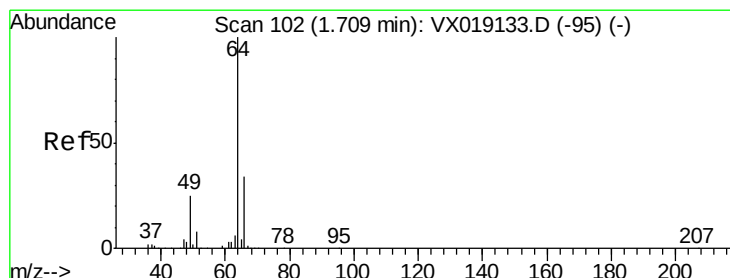
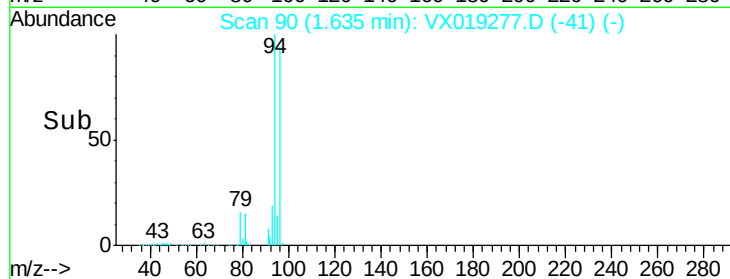
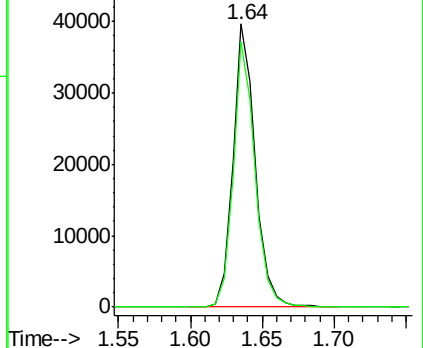
94 100

96 93.7 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: 21.066 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019277.D

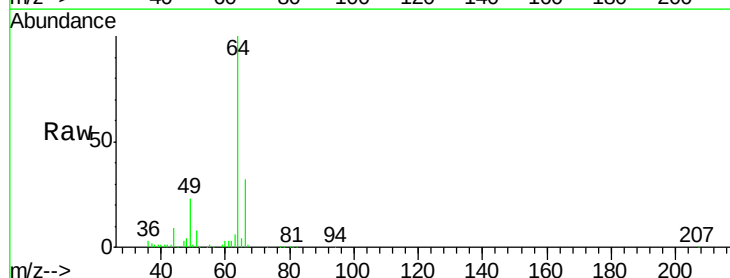
Acq: 04 Nov 2020 18:34

Tgt Ion: 64 Resp: 36615

Ion Ratio Lower Upper

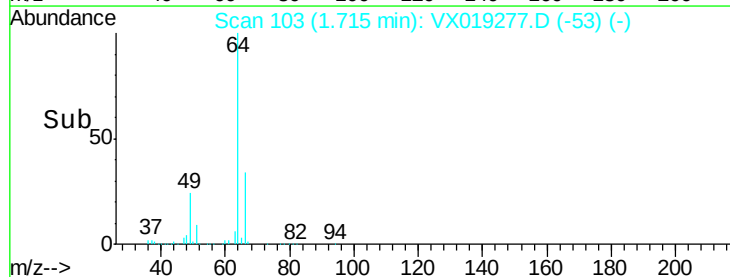
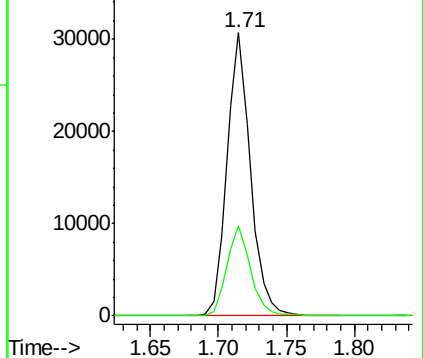
64 100

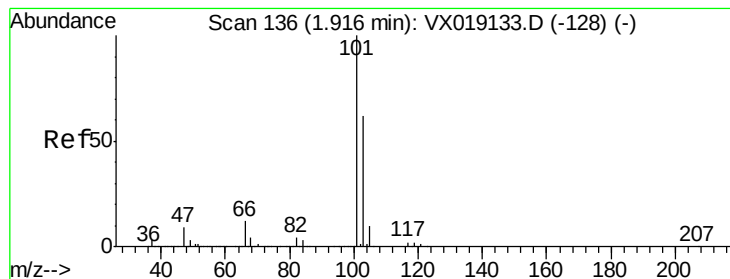
66 31.6 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



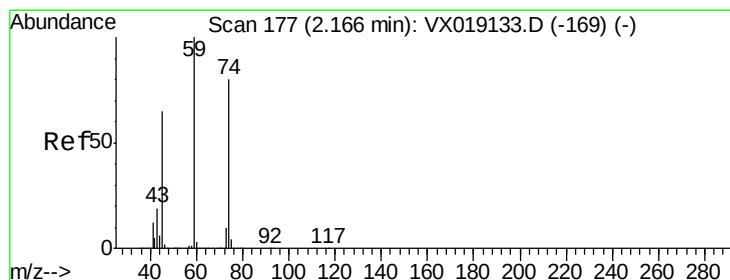
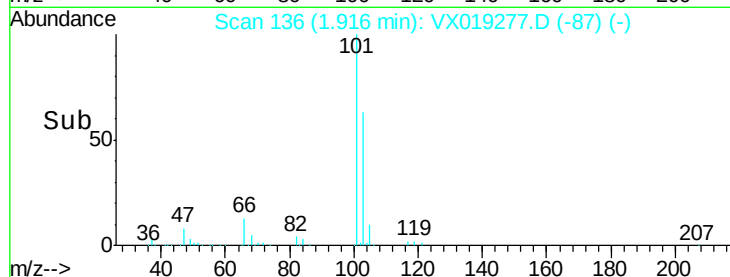
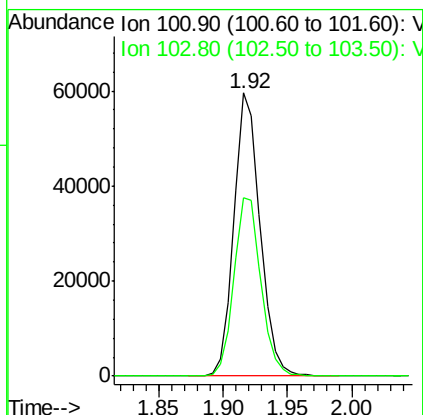
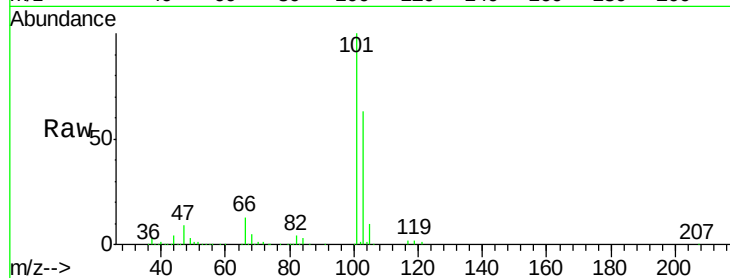


#7

Trichlorofluoromethane
 Concen: 19.766 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

Instrument :
 MSVOA_X
 ClientSampleId :

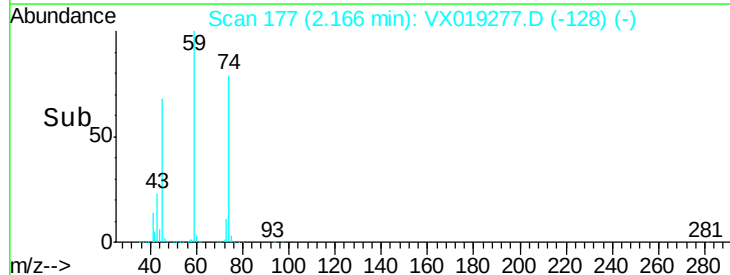
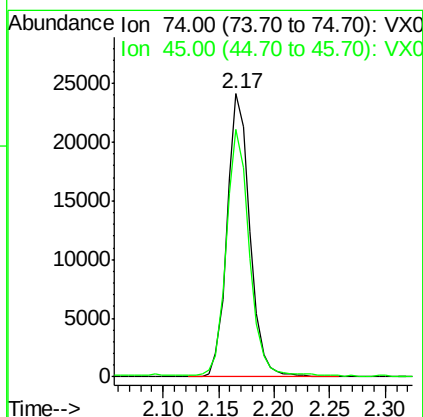
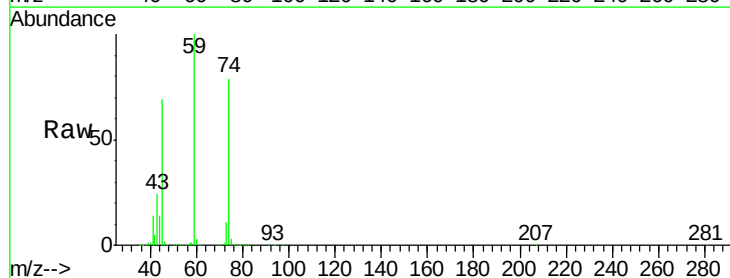
Tot Ion:101 Resp: 84535
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.0 75.0

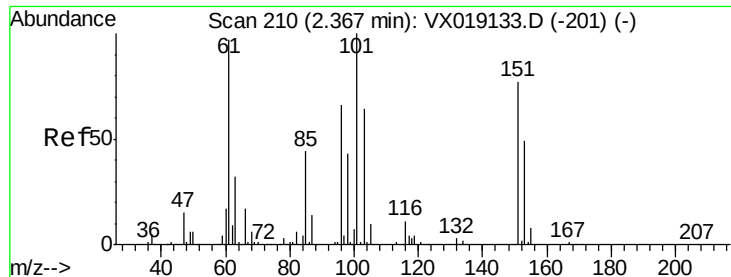


#8

Diethyl Ether
 Concen: 20.797 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

Tgt Ion: 74 Resp: 34135
 Ion Ratio Lower Upper
 74 100
 45 90.7 41.0 123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.254 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

Instrument :

MSVOA_X

ClientSampled :

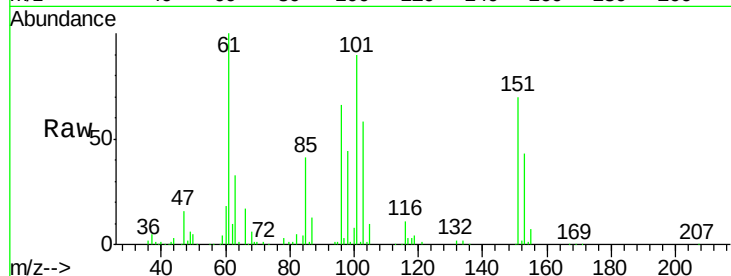
Tot Ion:101 Resp: 45641

Ion Ratio Lower Upper

101 100

85 46.0 35.0 52.4

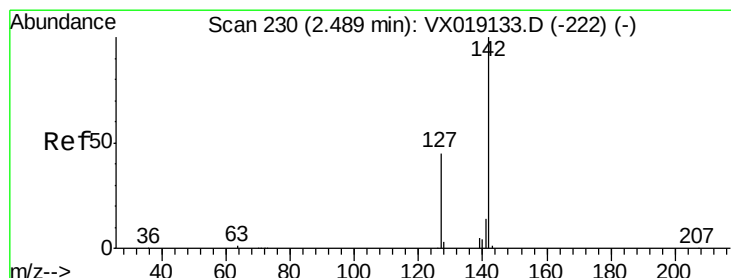
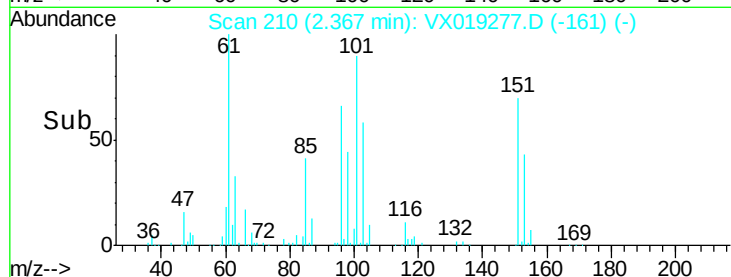
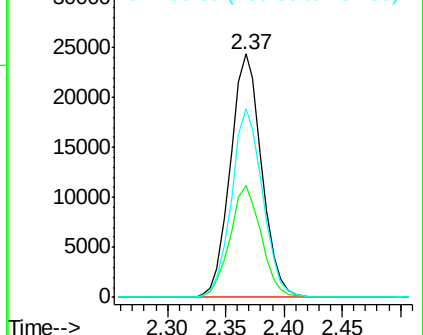
151 77.3 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.923 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

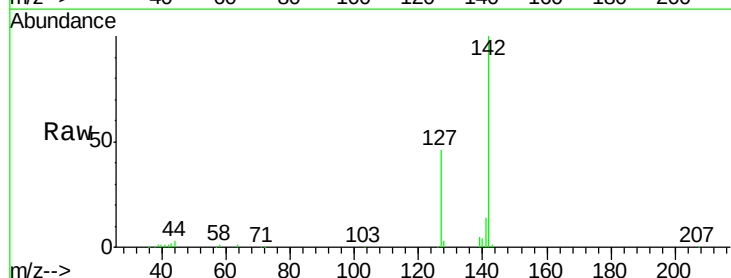
Tgt Ion:142 Resp: 46648

Ion Ratio Lower Upper

142 100

127 46.1 36.1 54.1

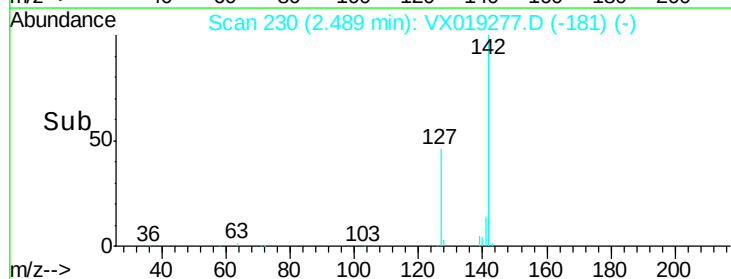
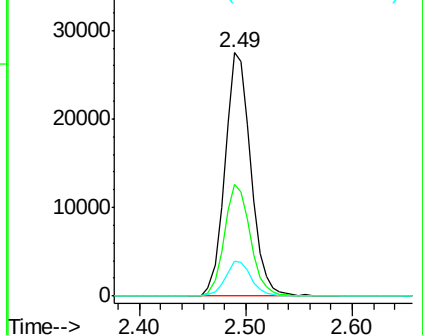
141 14.2 11.3 16.9

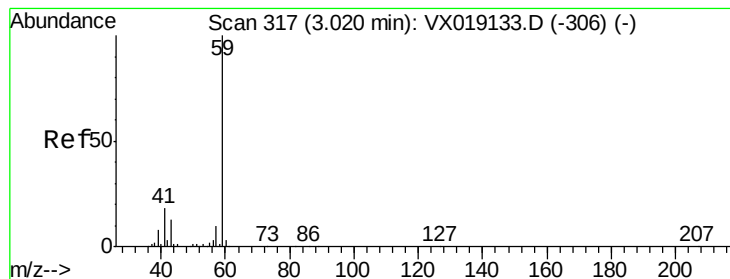


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



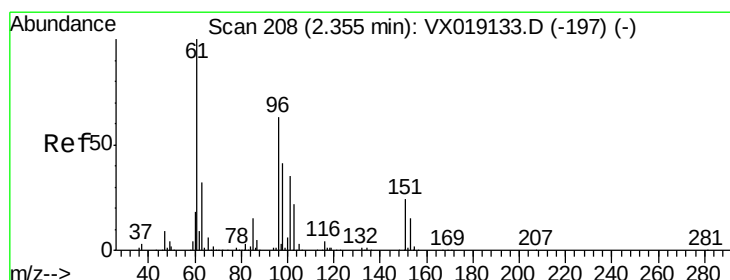
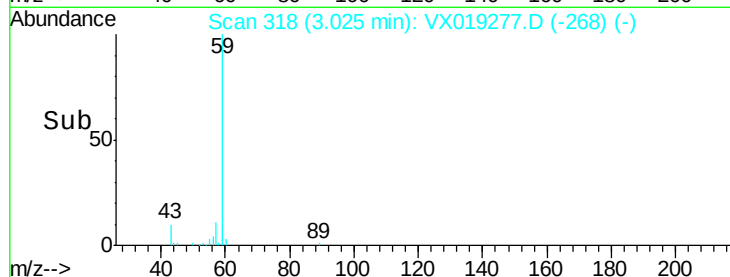
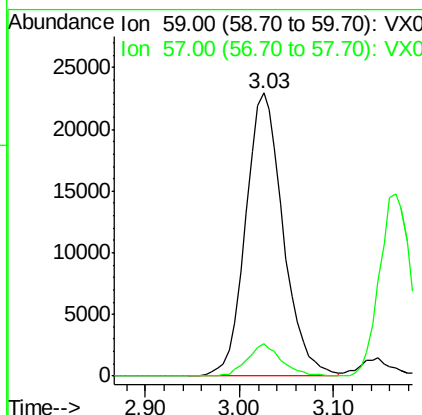
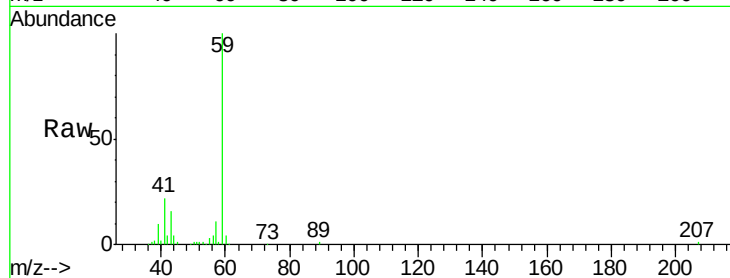


#11

Tert butyl alcohol
 Concen: 99.649 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

Instrument :
 MSVOA_X
 ClientSampled :

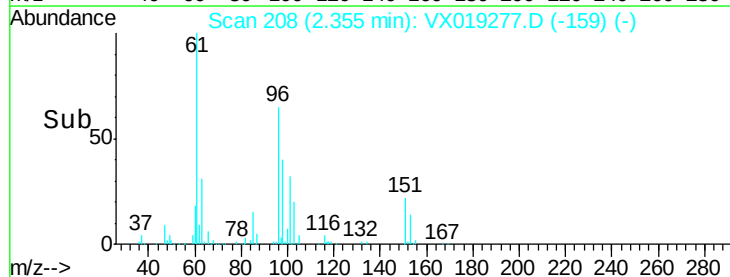
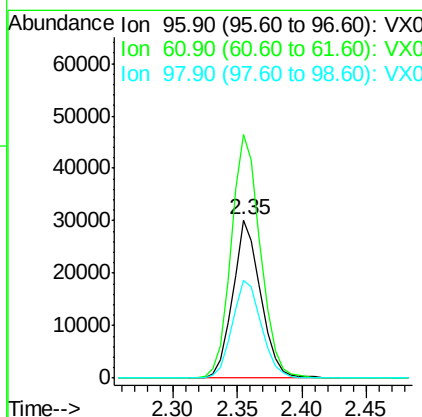
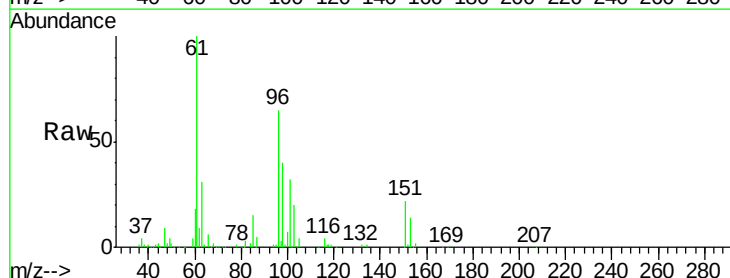
Tot Ion: 59 Resp: 63972
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6

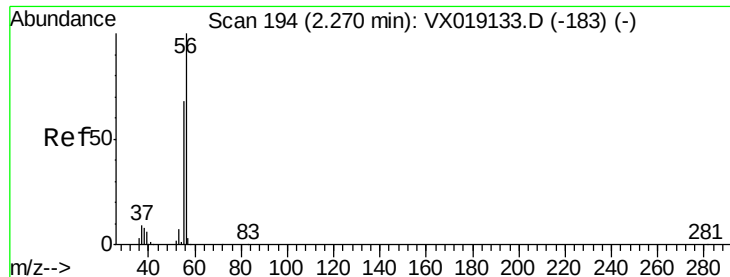


#12

1,1-Dichloroethene
 Concen: 18.601 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

Tgt Ion: 96 Resp: 45438
 Ion Ratio Lower Upper
 96 100
 61 153.7 127.7 191.5
 98 61.7 52.1 78.1





#13

Acrolein

Concen: 82.345 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

Instrument :

MSVOA_X

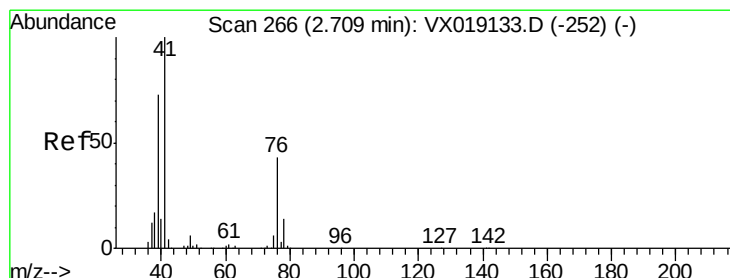
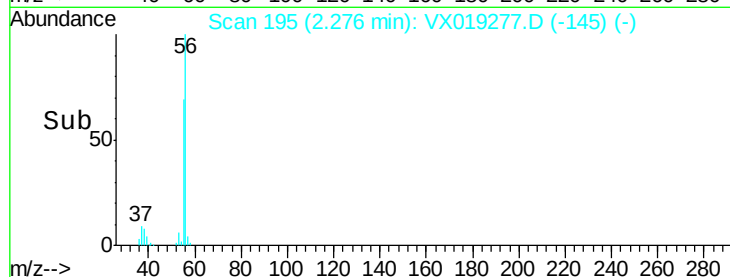
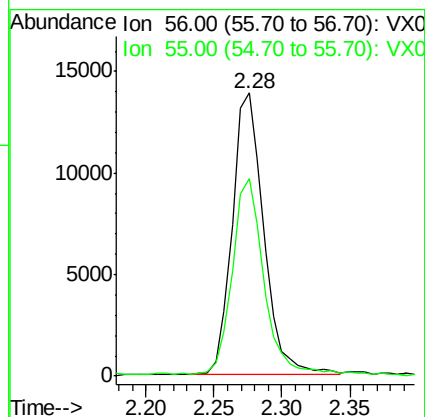
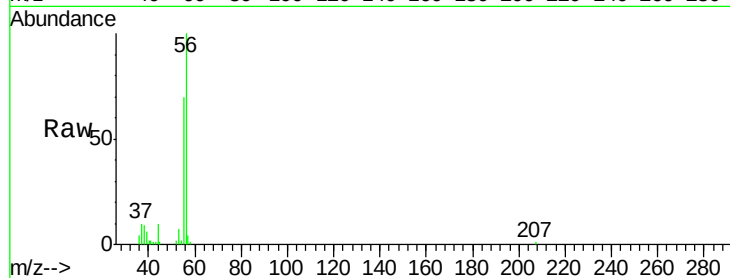
ClientSampleId :

Tot Ion: 56 Resp: 22523

Ion Ratio Lower Upper

56 100

55 73.2 54.7 82.1



#14

Allyl chloride

Concen: 20.084 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

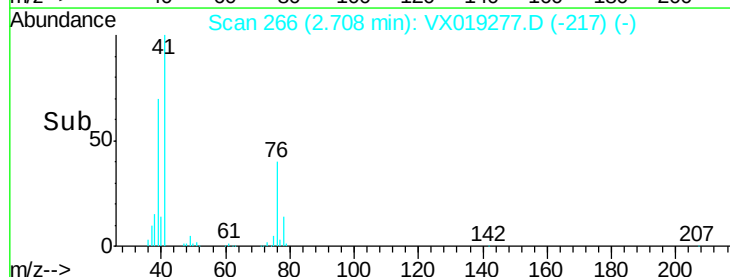
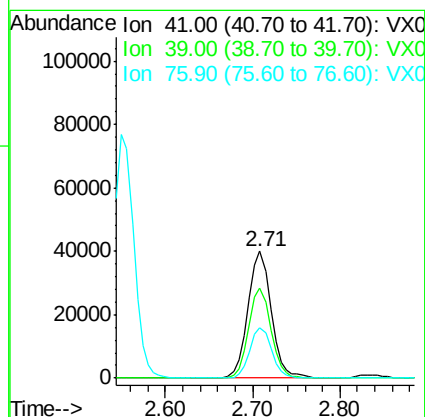
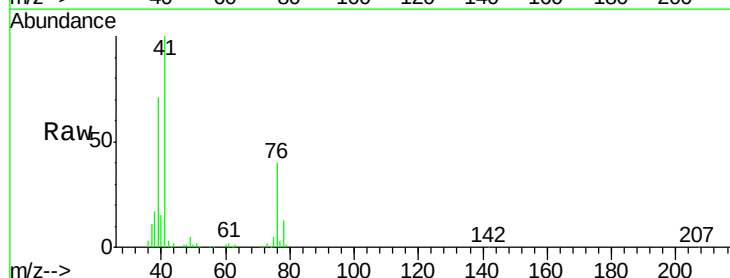
Tgt Ion: 41 Resp: 74310

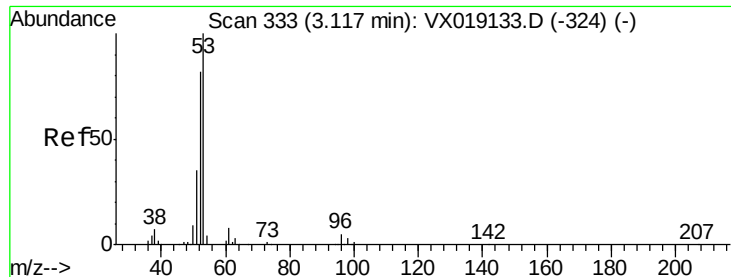
Ion Ratio Lower Upper

41 100

39 68.0 55.2 82.8

76 37.7 31.5 47.3





#15

Acrylonitrile

Concen: 103.980 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

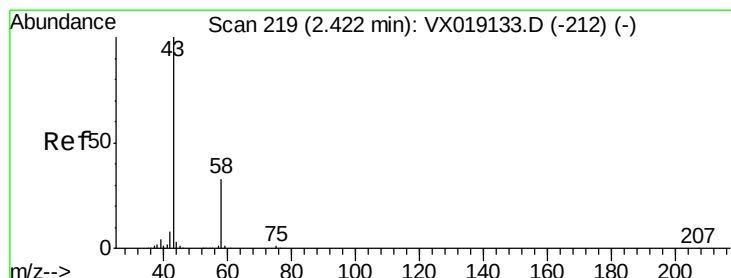
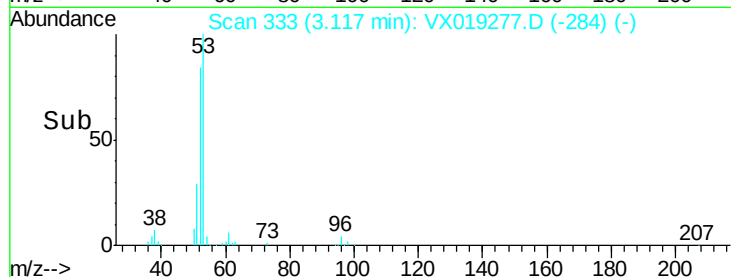
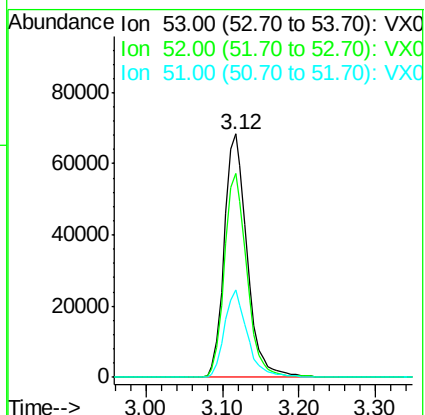
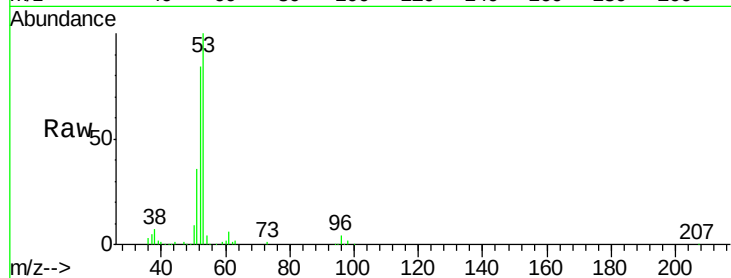
Tot Ion: 53 Resp: 140271

Ion Ratio Lower Upper

53 100

52 83.3 65.7 98.5

51 36.3 28.4 42.6



#16

Acetone

Concen: 104.635 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019277.D

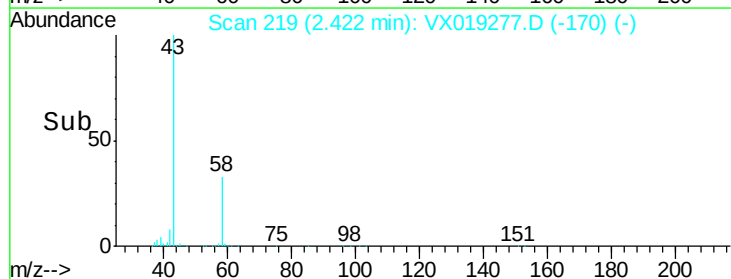
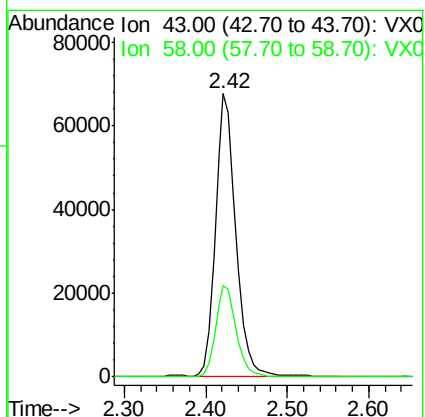
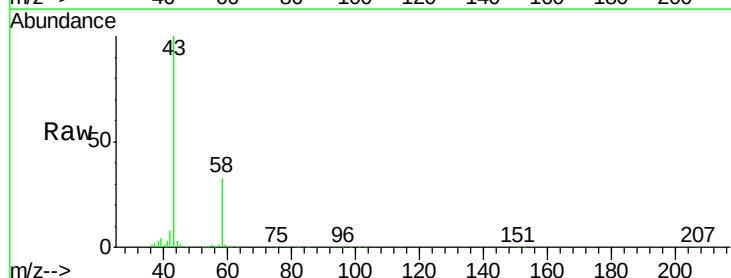
Acq: 04 Nov 2020 18:34

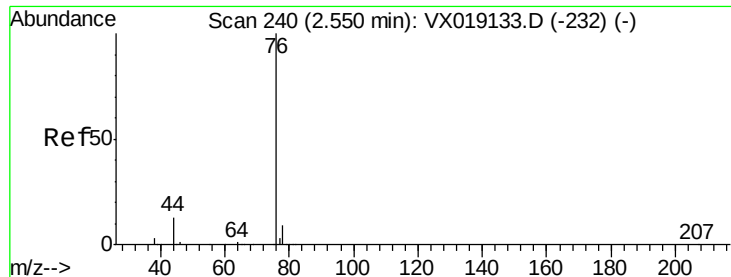
Tgt Ion: 43 Resp: 117326

Ion Ratio Lower Upper

43 100

58 32.6 26.3 39.5





#17

Carbon Disulfide

Concen: 18.361 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

Instrument :

MSVOA_X

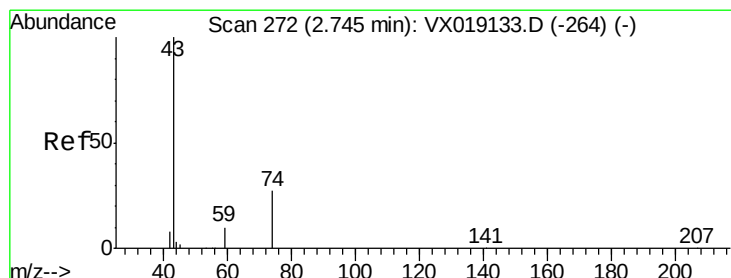
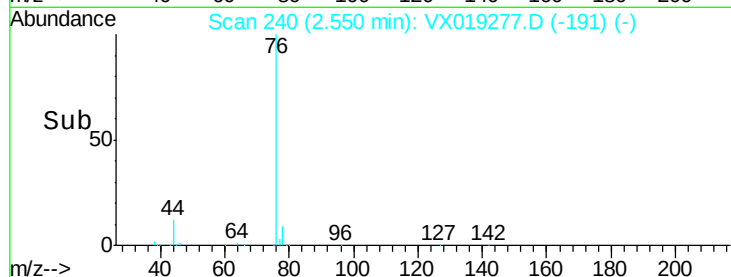
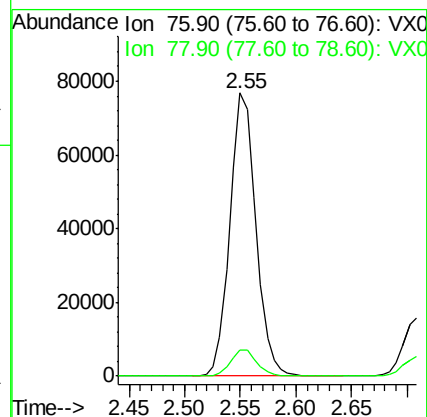
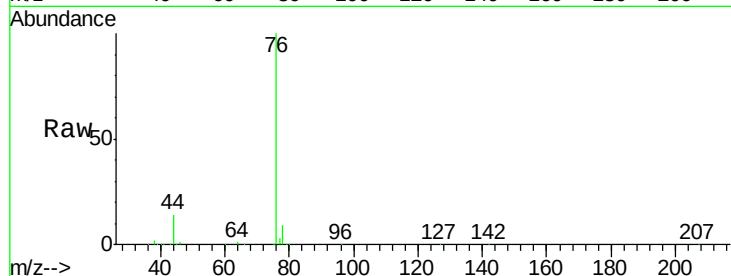
ClientSampled :

Tot Ion: 76 Resp: 124449

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



#18

Methyl Acetate

Concen: 21.194 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX019277.D

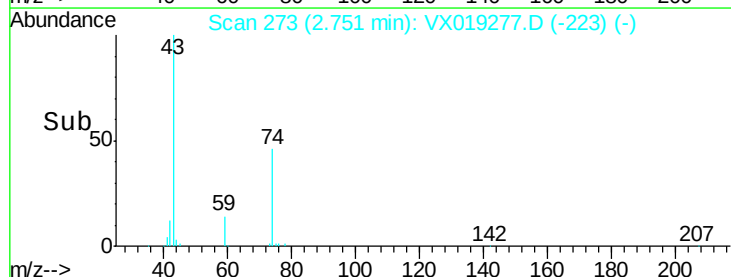
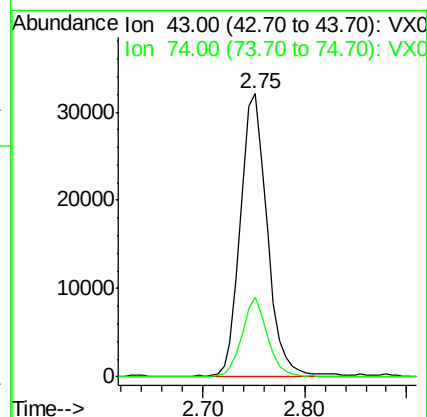
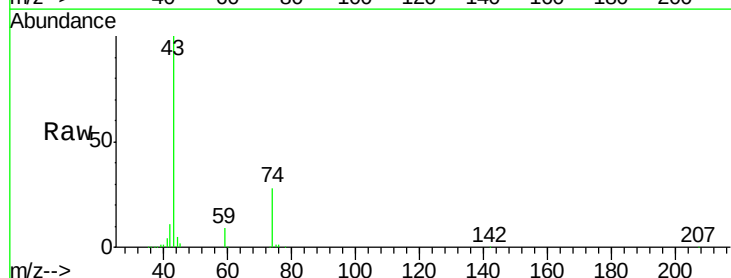
Acq: 04 Nov 2020 18:34

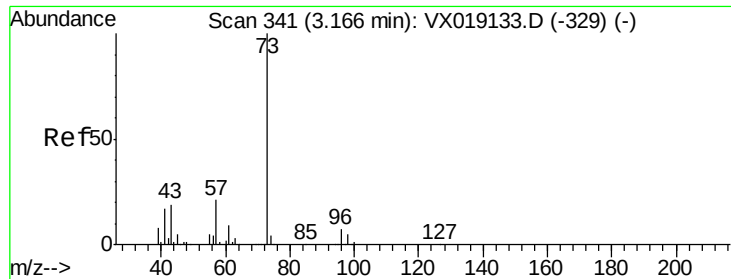
Tgt Ion: 43 Resp: 57790

Ion Ratio Lower Upper

43 100

74 27.3 22.6 33.8



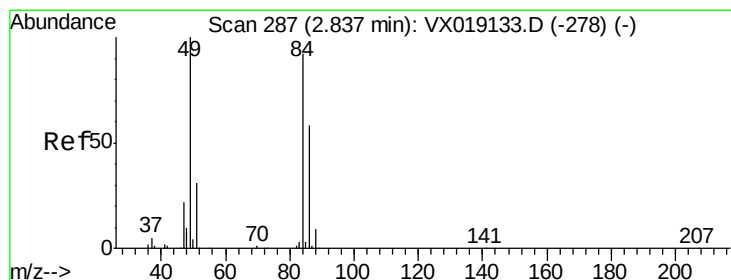
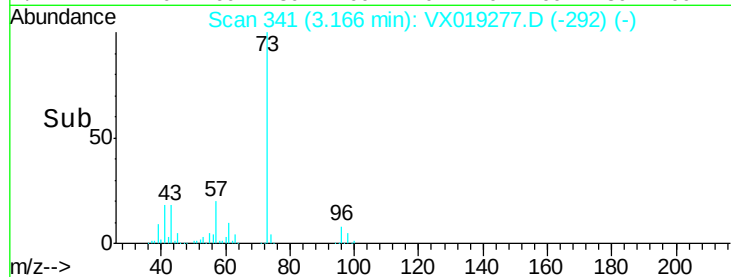
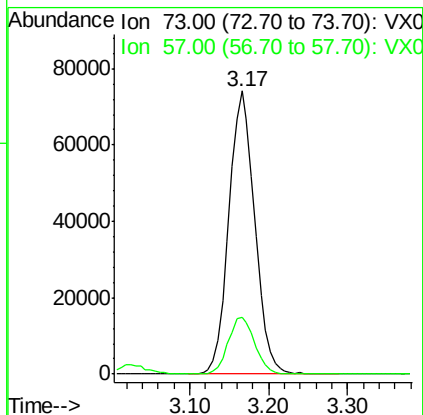
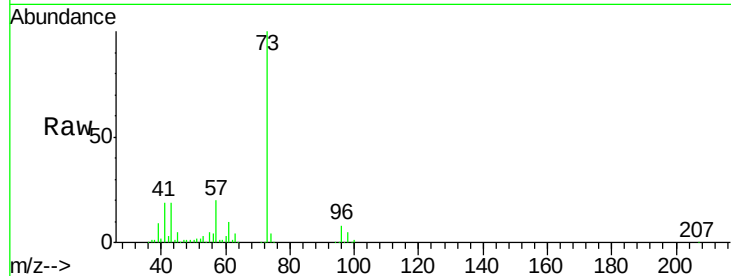


#19

Methyl tert-butyl Ether
 Concen: 20.041 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

Instrument :
 MSVOA_X
 ClientSampleId :

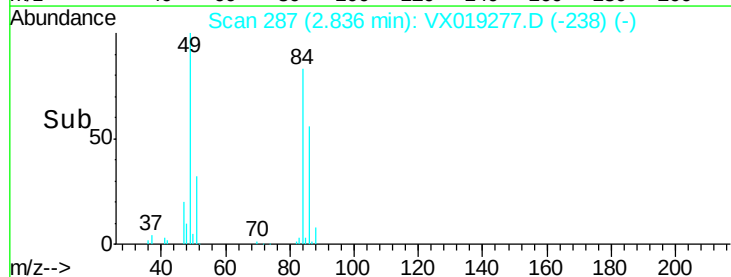
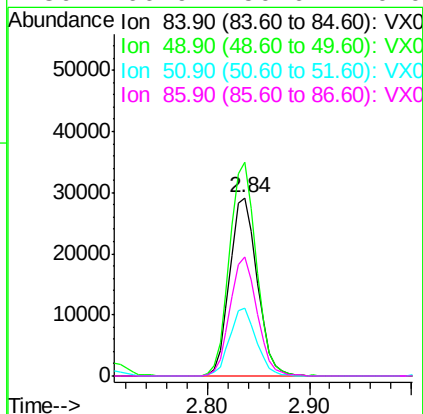
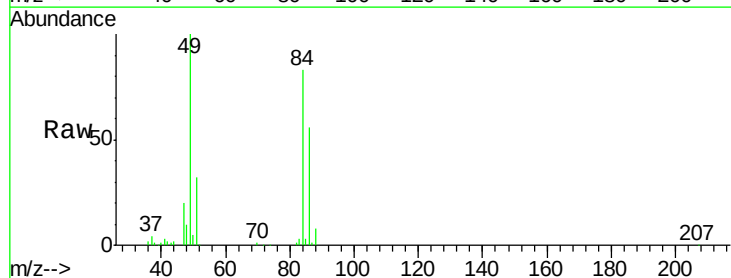
Tot Ion: 73 Resp: 169627
 Ion Ratio Lower Upper
 73 100
 57 19.9 16.6 25.0

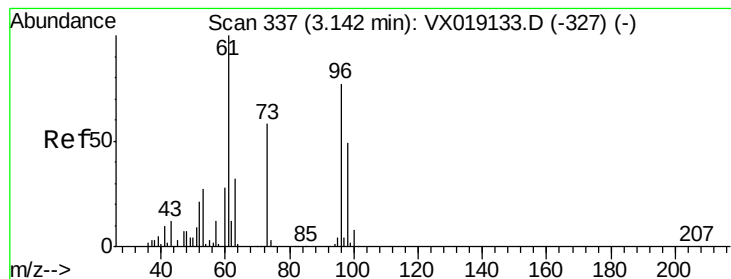


#20

Methylene Chloride
 Concen: 19.287 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

Tgt Ion: 84 Resp: 54294
 Ion Ratio Lower Upper
 84 100
 49 119.8 86.8 130.2
 51 37.9 27.3 40.9
 86 66.9 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 18.666 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

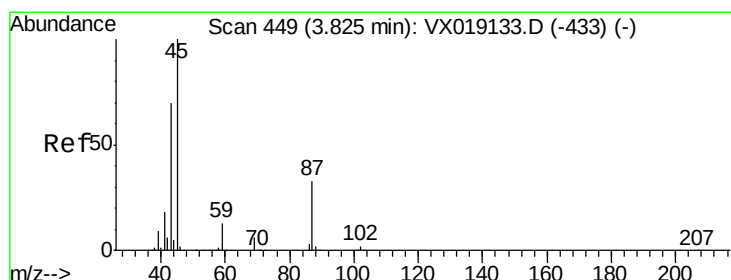
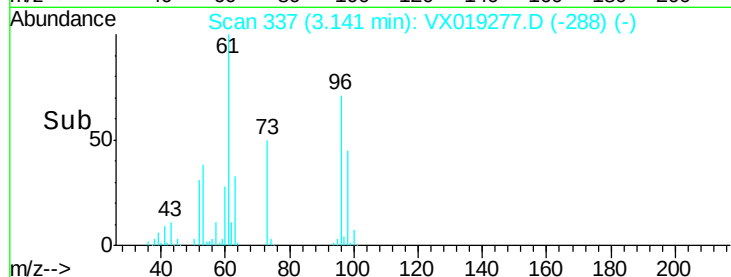
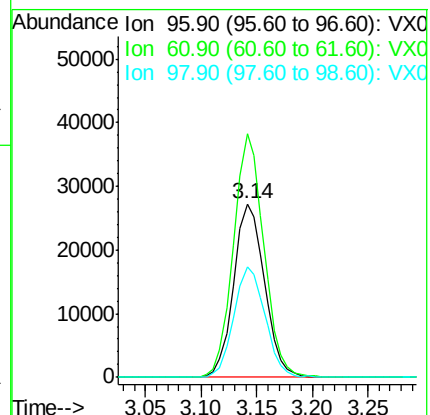
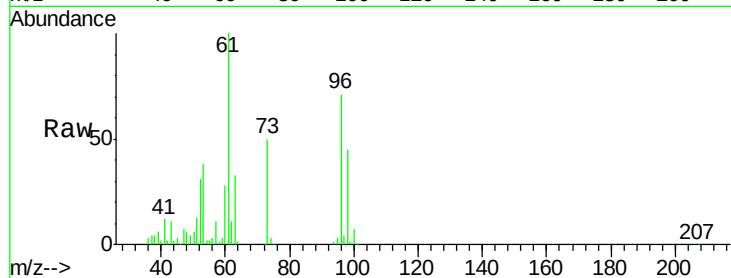
Tot Ion: 96 Resp: 52477

Ion Ratio Lower Upper

96 100

61 140.2 104.2 156.4

98 63.7 51.3 76.9



#22

Diisopropyl ether

Concen: 21.027 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

Tgt Ion: 45 Resp: 155098

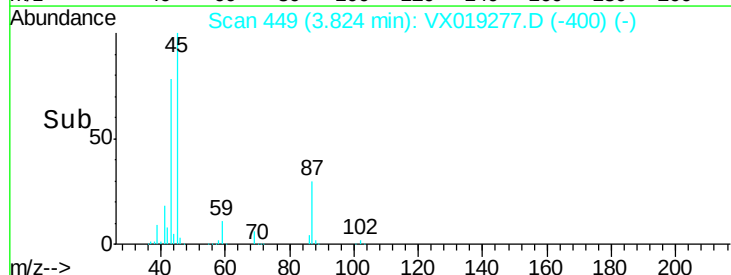
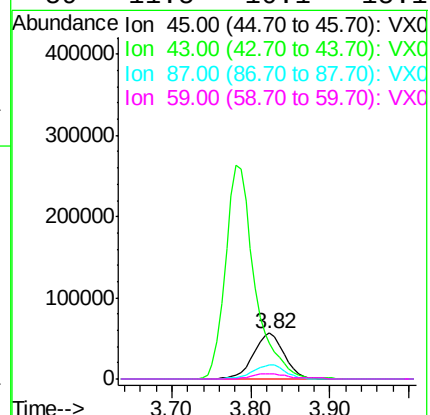
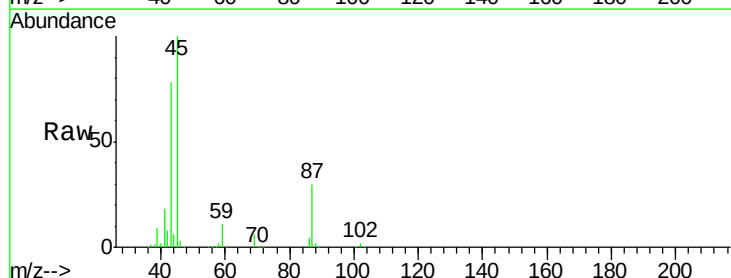
Ion Ratio Lower Upper

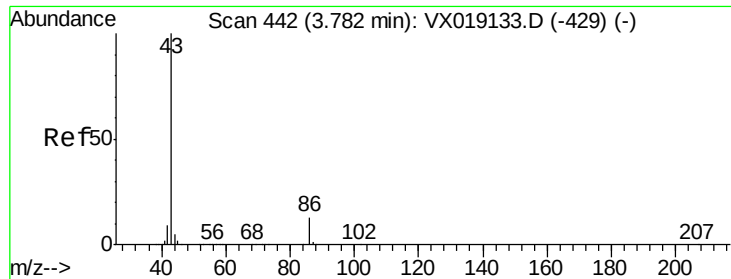
45 100

43 78.2 56.2 84.4

87 30.0 26.2 39.2

59 11.5 10.1 15.1

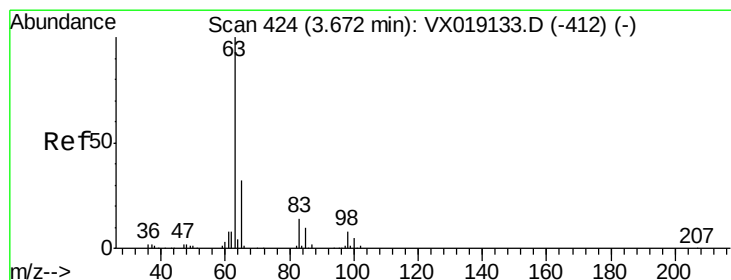
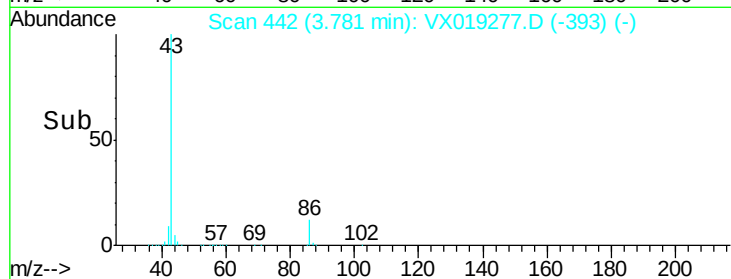
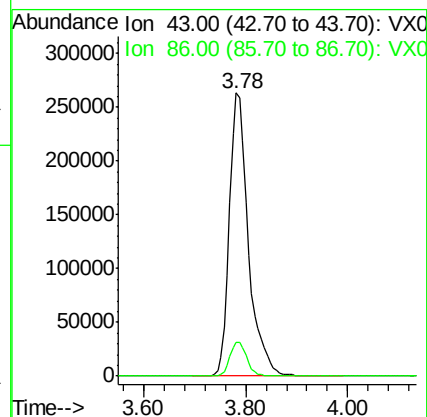
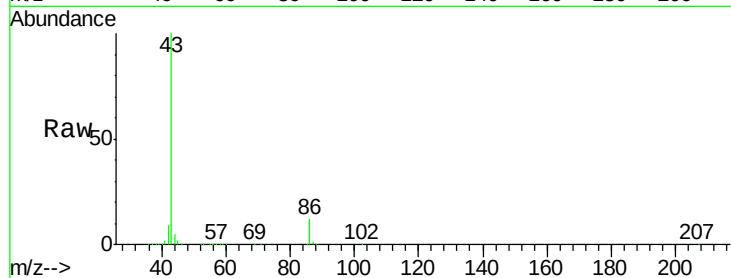




#23
 Vinyl Acetate
 Concen: 103.508 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

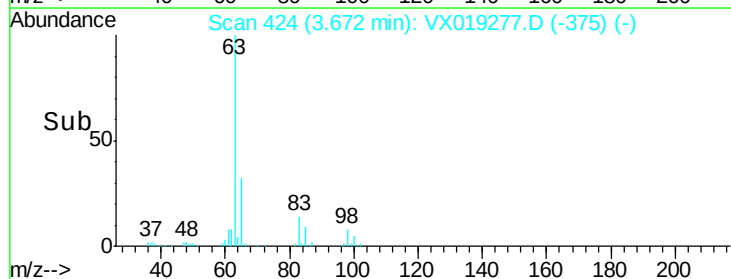
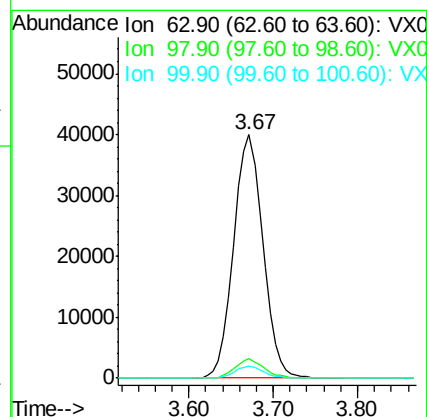
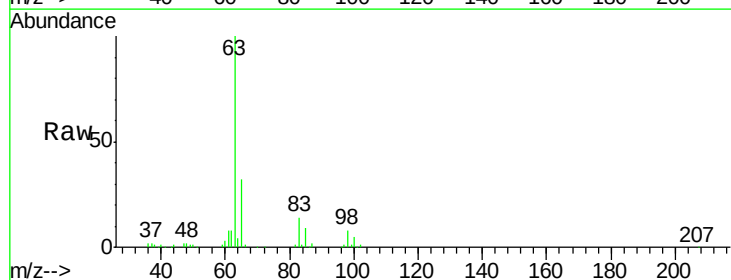
Instrument :
 MSVOA_X
 ClientSampleId :

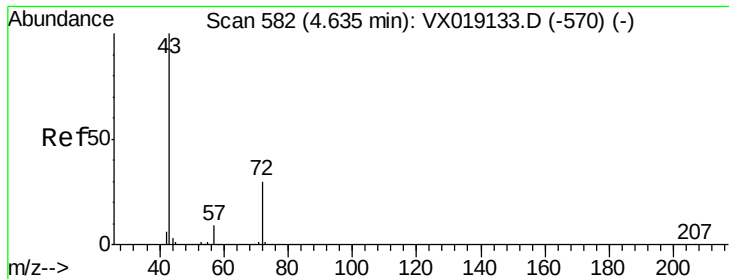
Tot Ion: 43 Resp: 680850
 Ion Ratio Lower Upper
 43 100
 86 12.0 10.4 15.6



#24
 1,1-Dichloroethane
 Concen: 20.425 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

Tgt Ion: 63 Resp: 94064
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.4
 100 4.8 2.4 7.2





#25

2-Butanone

Concen: 105.302 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

Instrument :

MSVOA_X

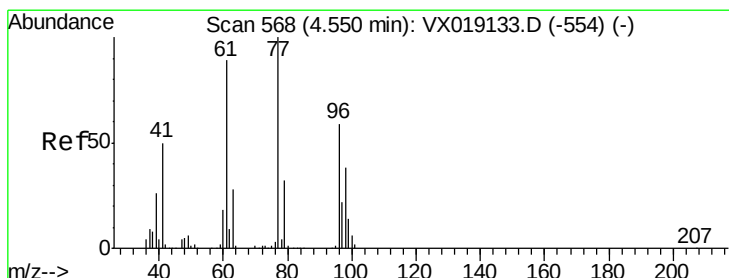
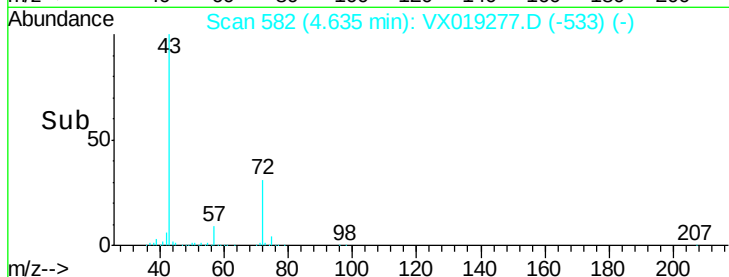
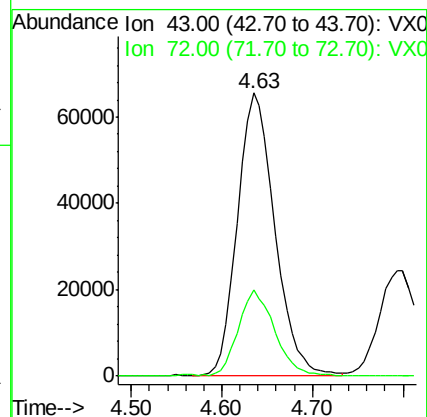
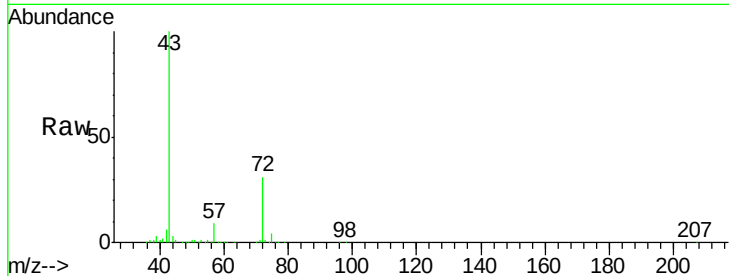
ClientSampled :

Tot Ion: 43 Resp: 186085

Ion Ratio Lower Upper

43 100

72 30.3 24.6 36.8



#26

2,2-Dichloropropane

Concen: 19.389 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019277.D

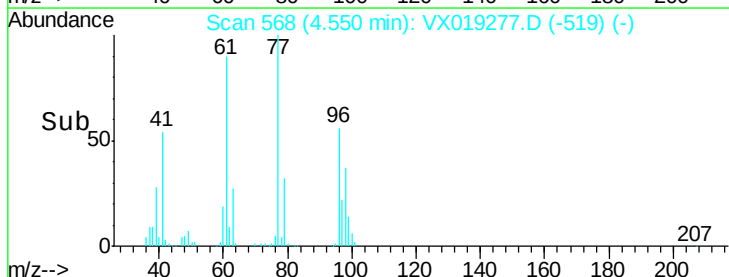
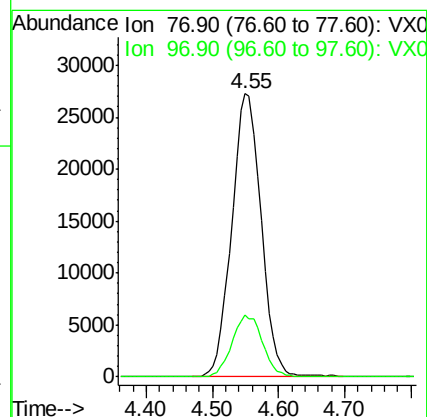
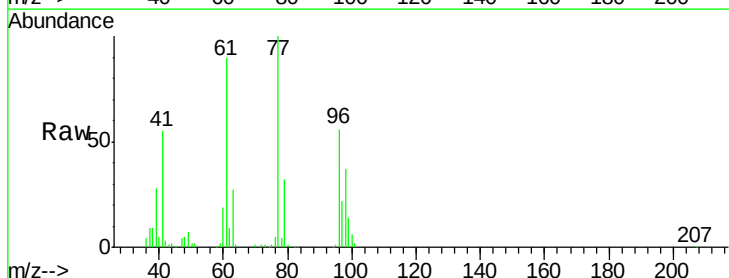
Acq: 04 Nov 2020 18:34

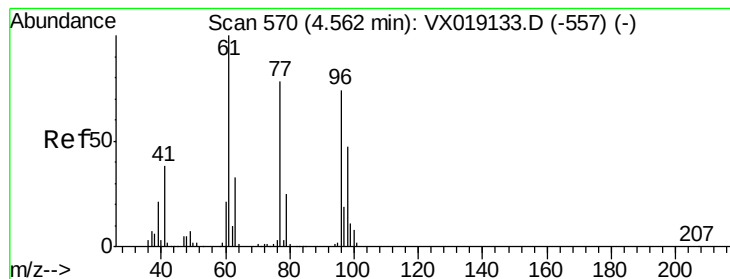
Tgt Ion: 77 Resp: 83943

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.1



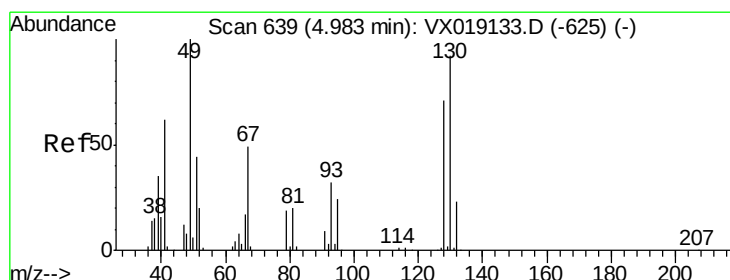
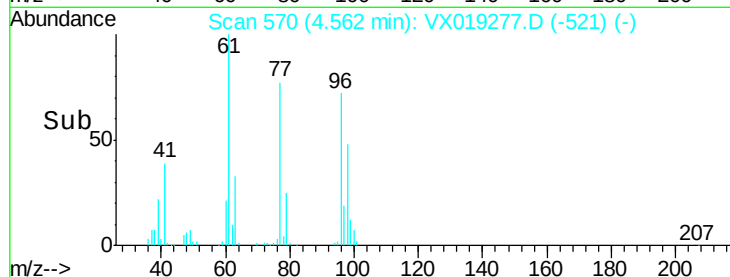
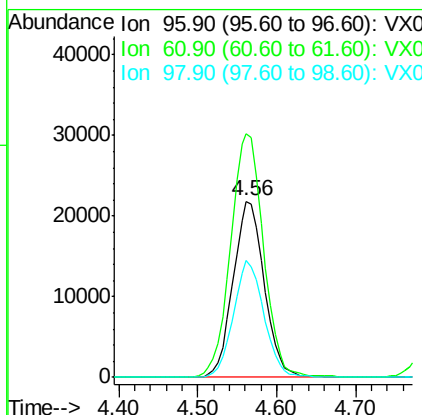
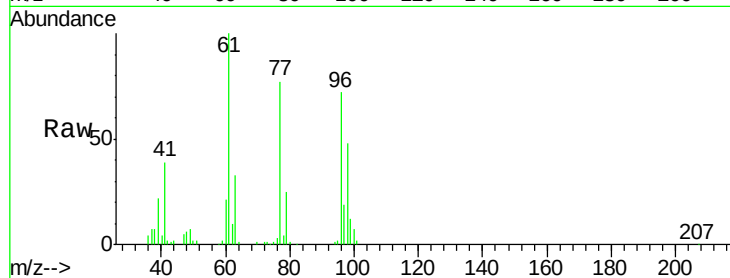


#27

cis-1,2-Dichloroethene
Concen: 19.159 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

Instrument :
MSVOA_X
ClientSampleId :

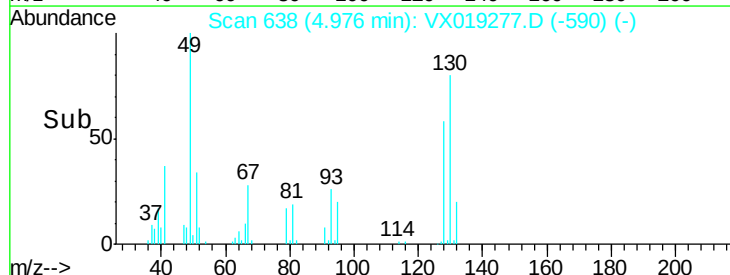
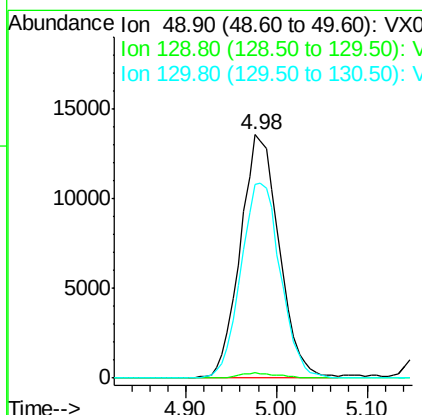
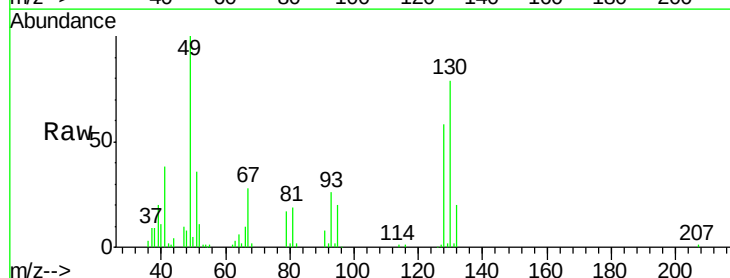
Tot Ion	96	Resp	60188
Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	278.8
98	64.7	0.0	130.2

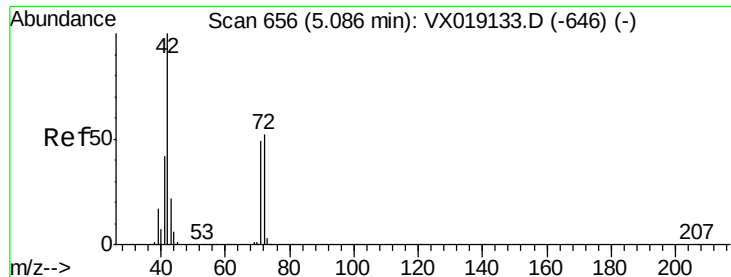


#28

Bromochloromethane
Concen: 19.235 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

Tgt Ion	49	Resp	40272
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	81.5	71.3	106.9

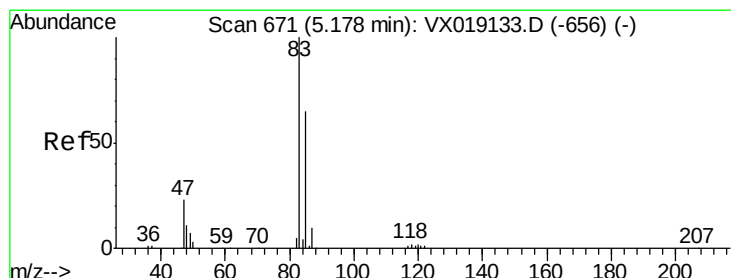
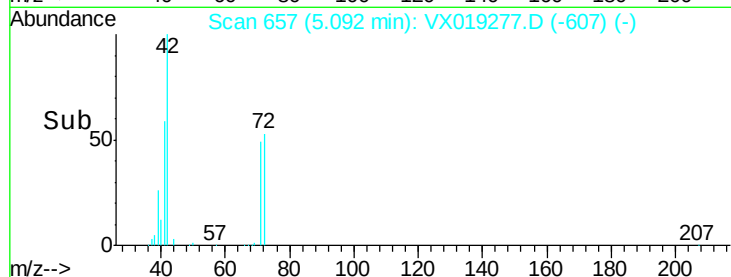
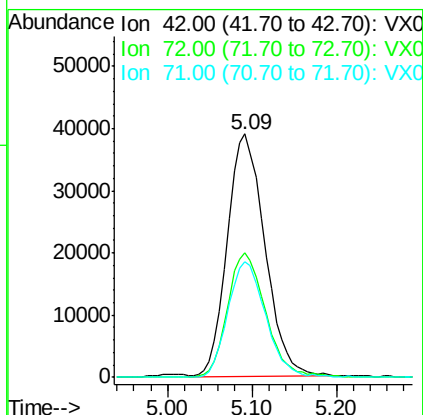
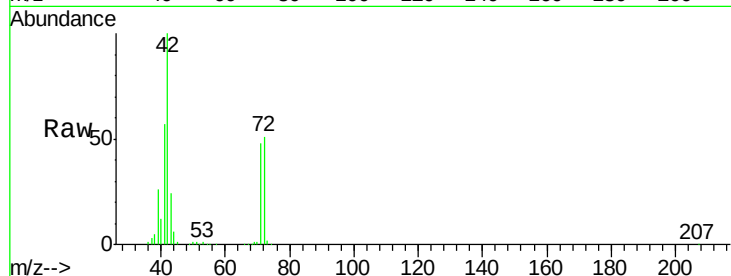




#29
Tetrahydrofuran
Concen: 106.277 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

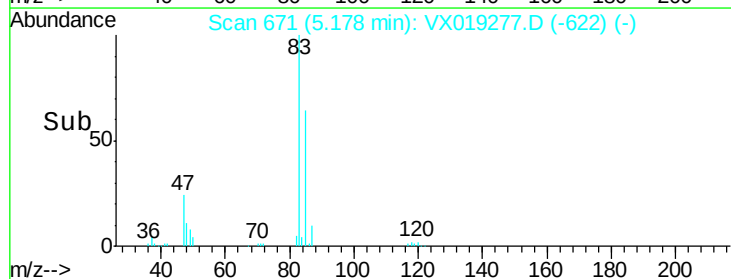
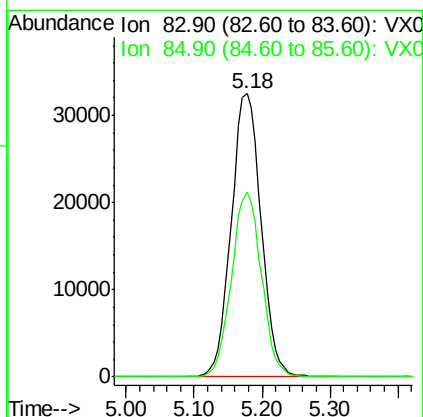
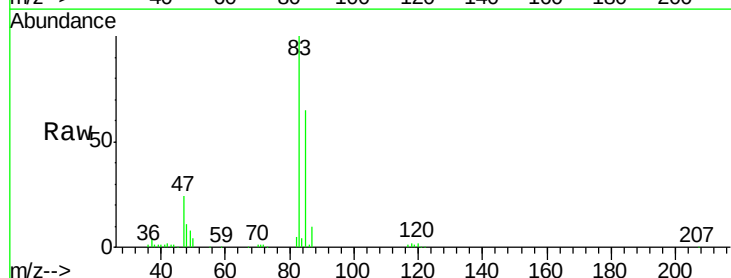
Instrument :
MSVOA_X
ClientSampled :

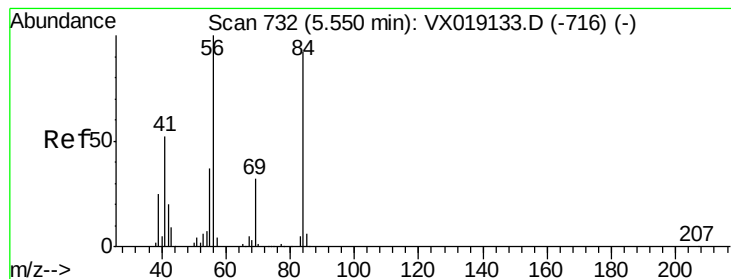
Tot Ion: 42 Resp: 118355
Ion Ratio Lower Upper
42 100
72 52.3 42.6 63.8
71 48.0 39.7 59.5



#30
Chloroform
Concen: 20.219 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

Tgt Ion: 83 Resp: 99115
Ion Ratio Lower Upper
83 100
85 65.4 51.9 77.9





#31

Cyclohexane

Concen: 19.475 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

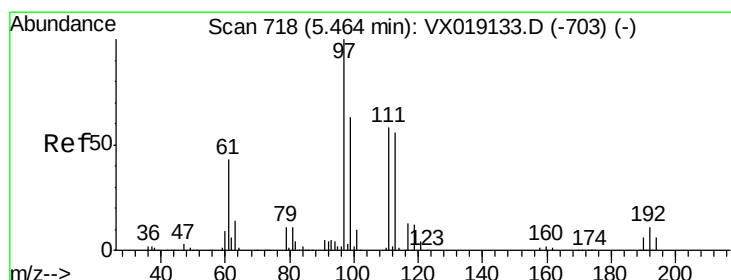
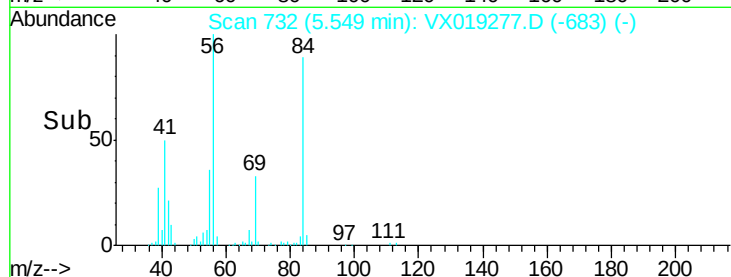
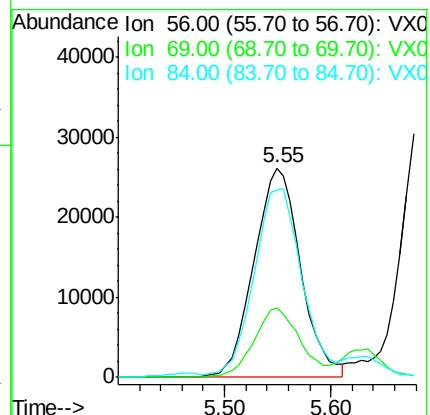
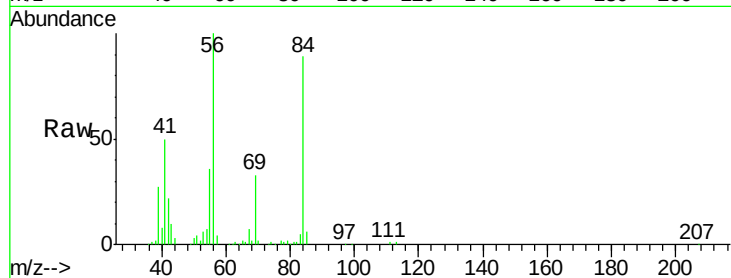
Tot Ion: 56 Resp: 80014

Ion Ratio Lower Upper

56 100

69 33.0 25.9 38.9

84 87.4 73.4 110.2



#32

1,1,1-Trichloroethane

Concen: 19.890 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

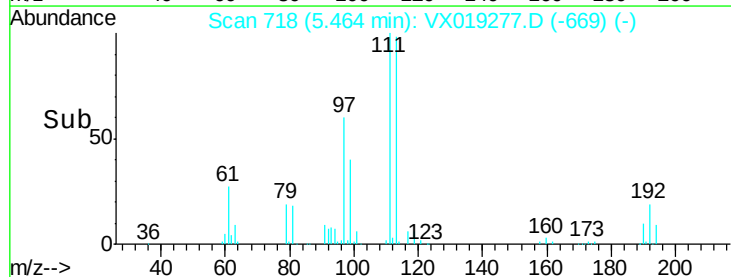
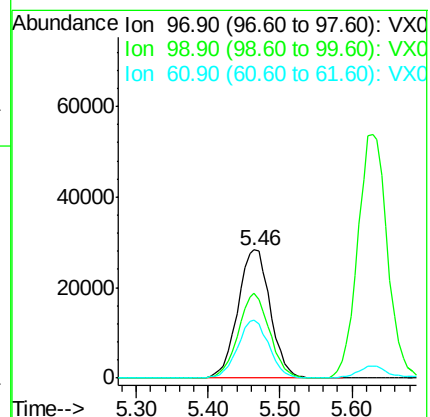
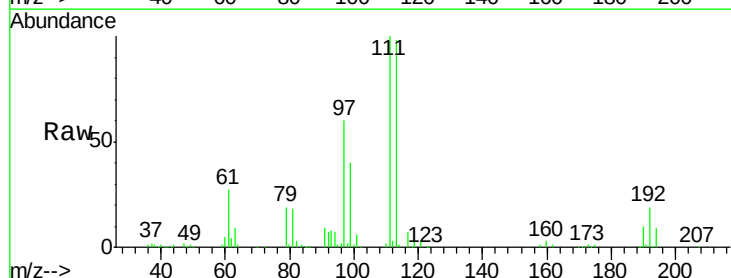
Tgt Ion: 97 Resp: 88399

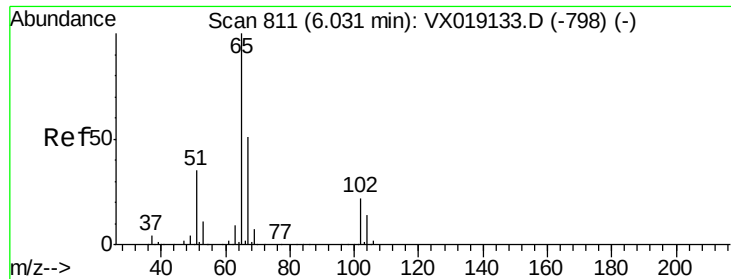
Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

61 43.7 34.2 51.2

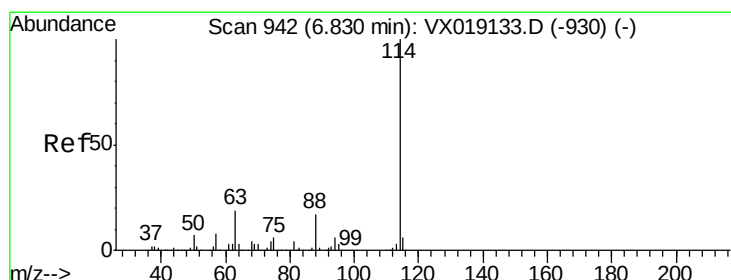
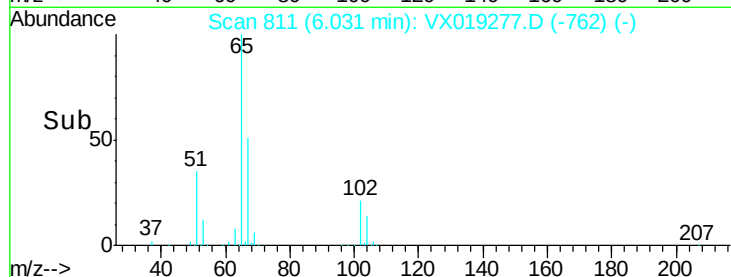
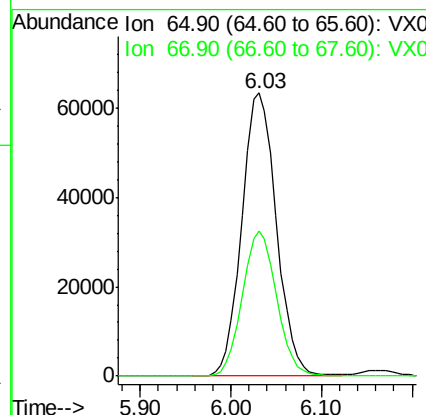
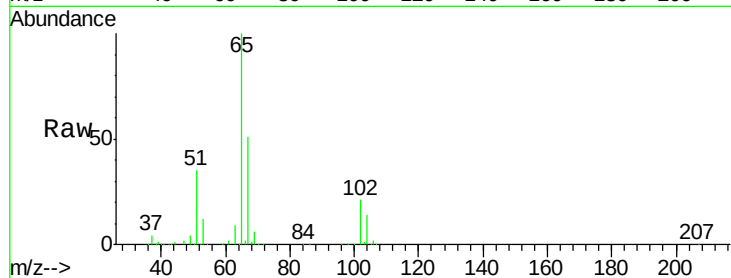




#33
 1,2-Dichloroethane-d4
 Concen: 51.490 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

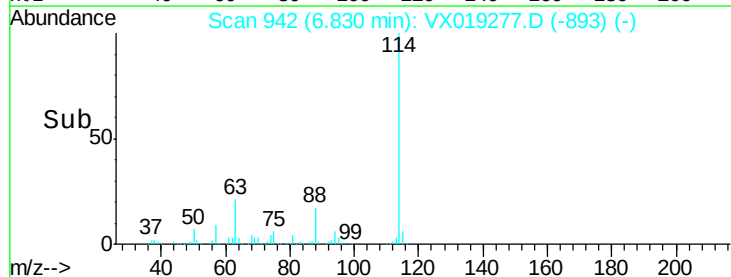
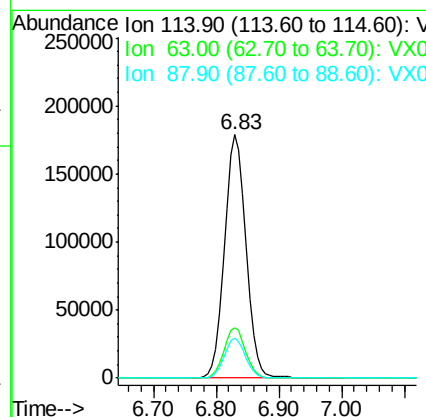
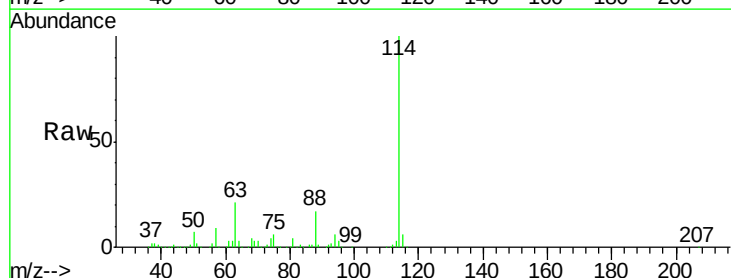
Instrument :
 MSVOA_X
 ClientSampleId :

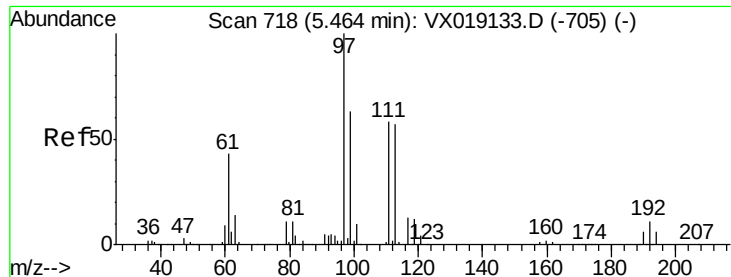
Tot Ion: 65 Resp: 167357
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

Tgt Ion: 114 Resp: 423296
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 38.8
 88 16.7 0.0 34.2

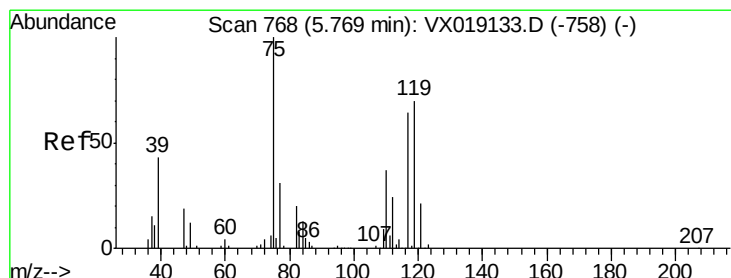
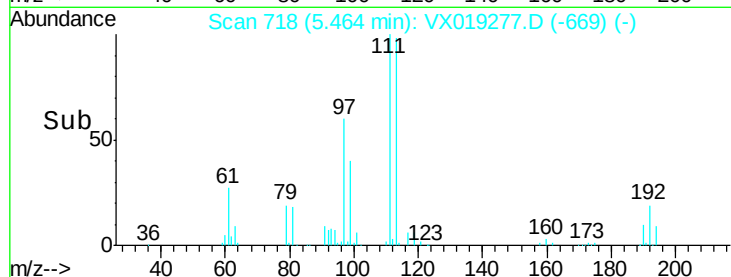
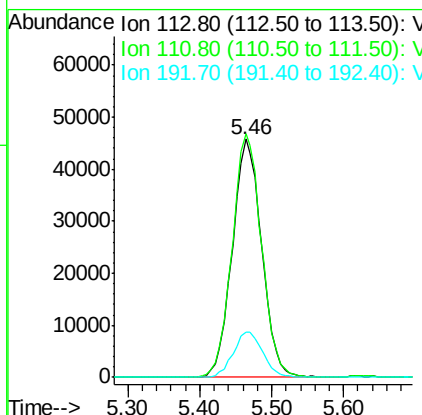
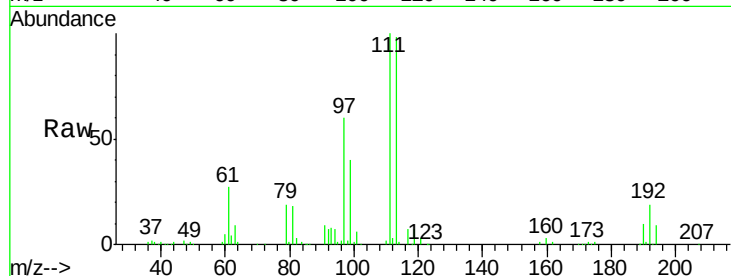




#35
Dibromofluoromethane
Concen: 48.743 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

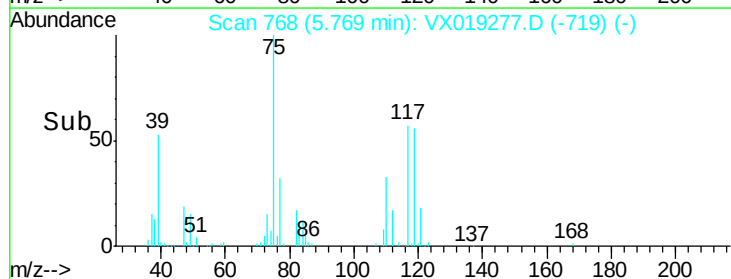
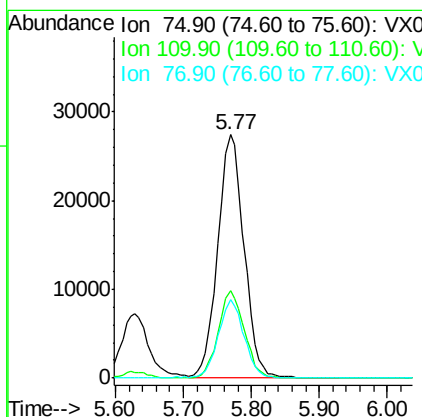
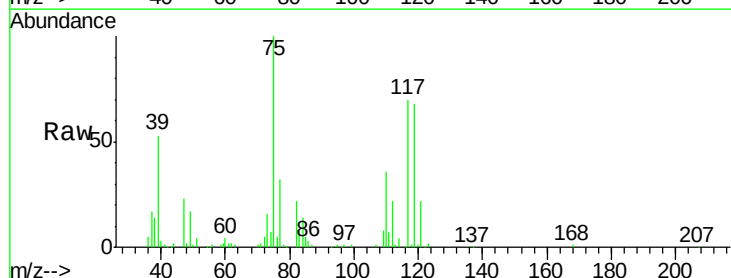
Instrument :
MSVOA_X
ClientSampled :

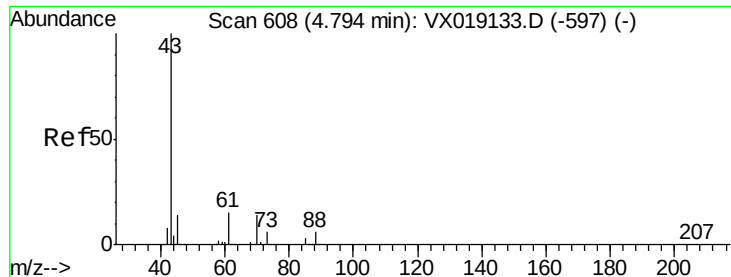
Tot Ion:113 Resp: 129601
Ion Ratio Lower Upper
113 100
111 102.2 82.3 123.5
192 19.3 16.2 24.2



#36
1,1-Dichloropropene
Concen: 18.849 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

Tgt Ion: 75 Resp: 73677
Ion Ratio Lower Upper
75 100
110 35.4 18.3 54.9
77 31.4 24.9 37.3

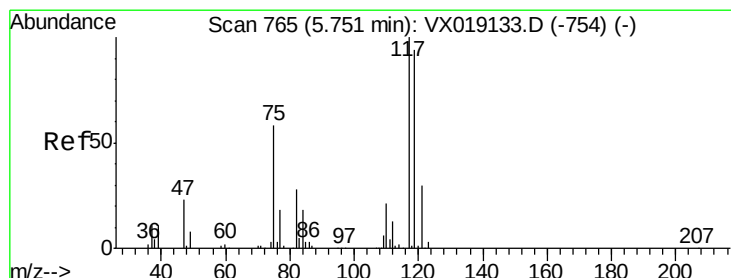
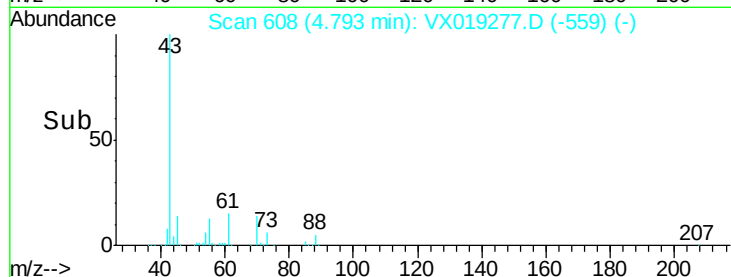
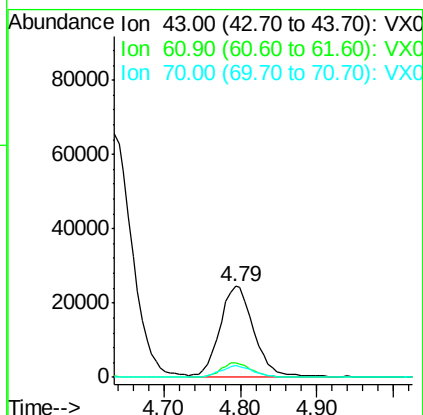
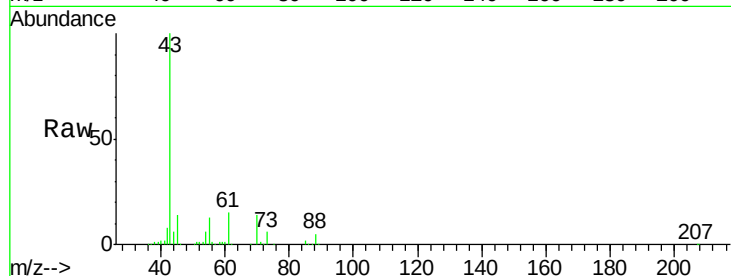




#37
Ethyl Acetate
Concen: 20.339 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

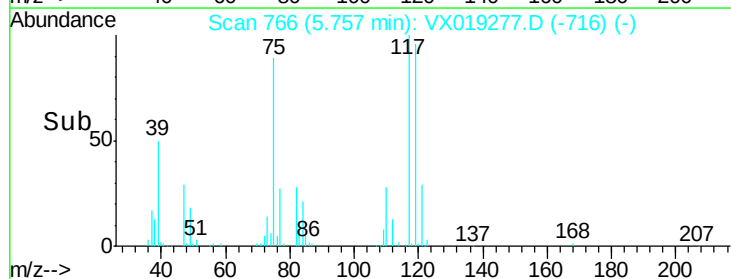
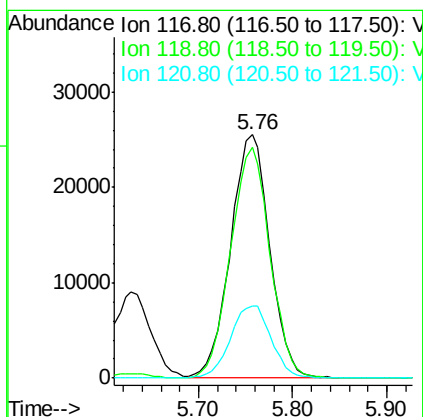
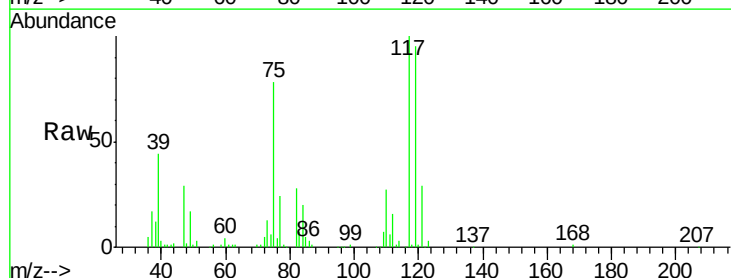
Instrument :
MSVOA_X
ClientSampleId :

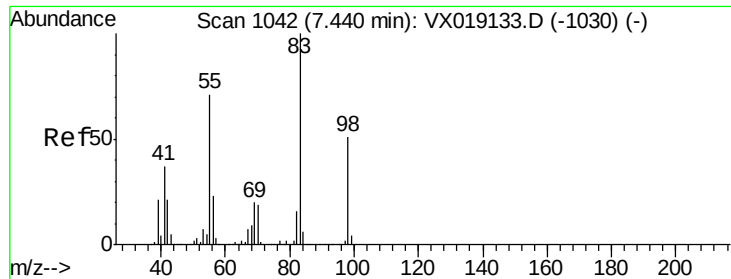
Tot Ion: 43 Resp: 73814
Ion Ratio Lower Upper
43 100
61 14.9 12.5 18.7
70 12.7 10.5 15.7



#38
Carbon Tetrachloride
Concen: 18.623 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

Tgt Ion: 117 Resp: 74199
Ion Ratio Lower Upper
117 100
119 94.8 75.0 112.6
121 29.4 23.9 35.9

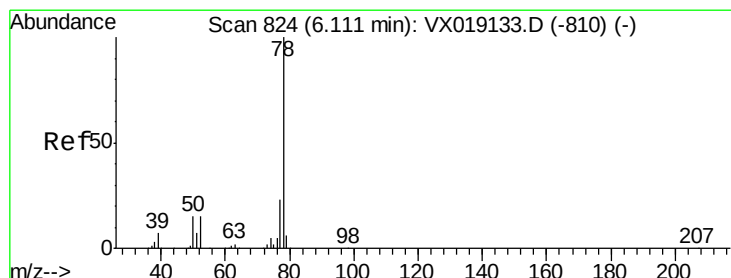
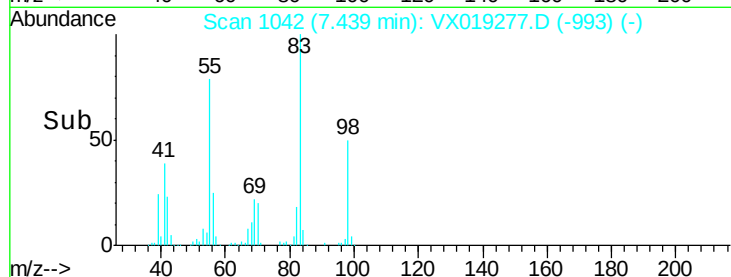
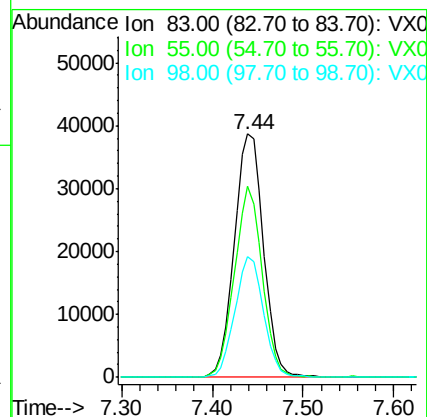
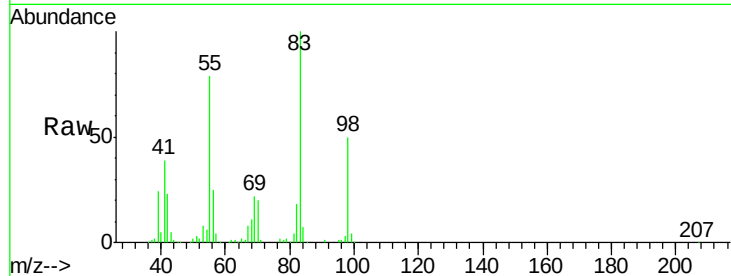




#39
Methylvlcyclohexane
Concen: 18.505 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

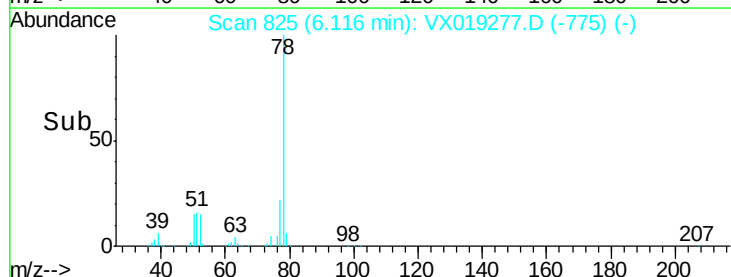
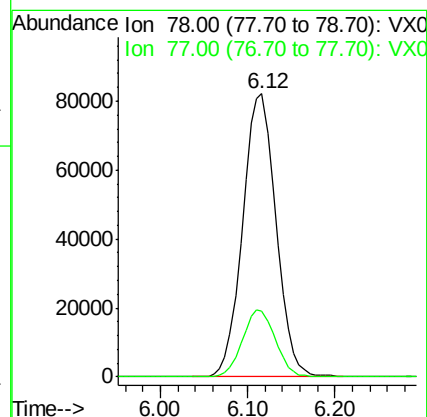
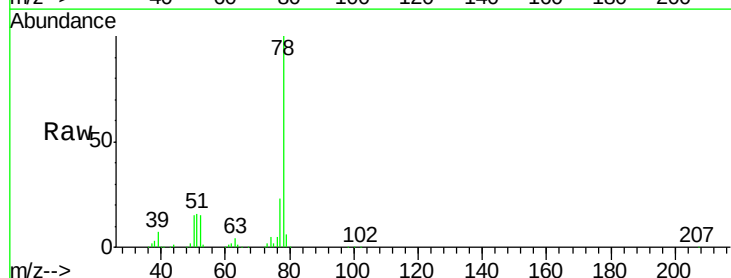
Instrument :
MSVOA_X
ClientSampled :

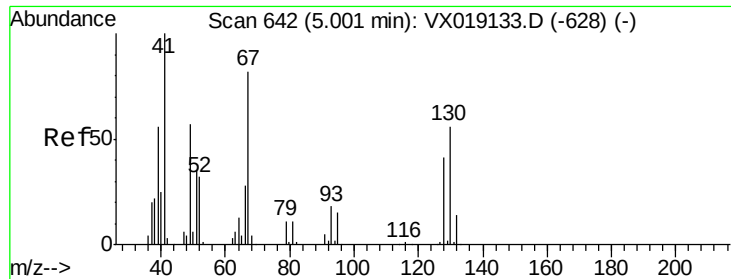
Tot Ion: 83 Resp: 86488
Ion Ratio Lower Upper
83 100
55 78.6 57.0 85.6
98 49.7 40.5 60.7



#40
Benzene
Concen: 19.660 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

Tgt Ion: 78 Resp: 217890
Ion Ratio Lower Upper
78 100
77 23.3 18.7 28.1





#41

Methacrylonitrile

Concen: 19.639 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 38383

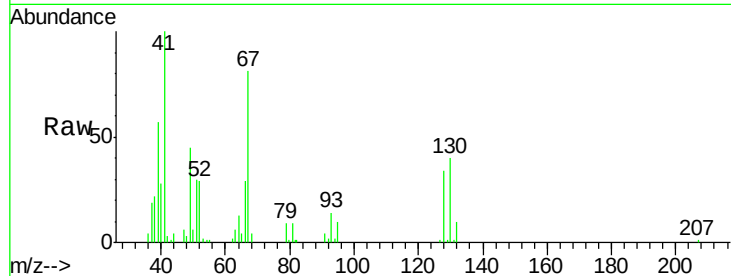
Ion Ratio Lower Upper

41 100

39 58.3 44.4 66.6

67 83.1 66.4 99.6

52 33.8 26.2 39.4

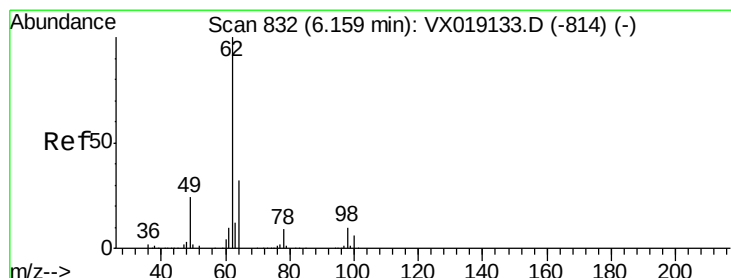
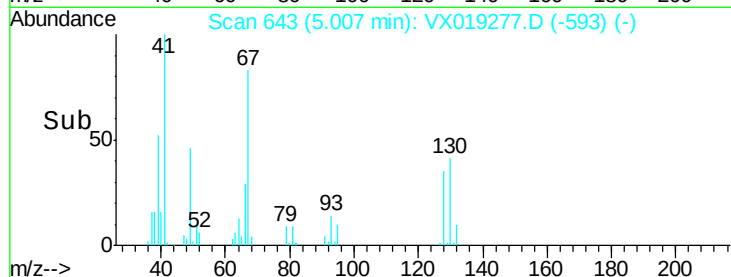
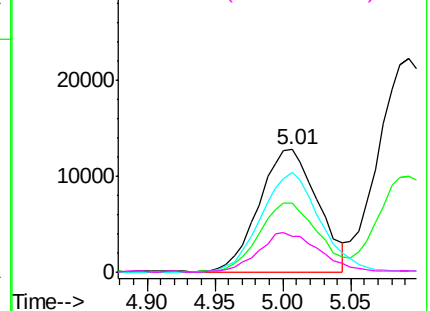


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.002 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019277.D

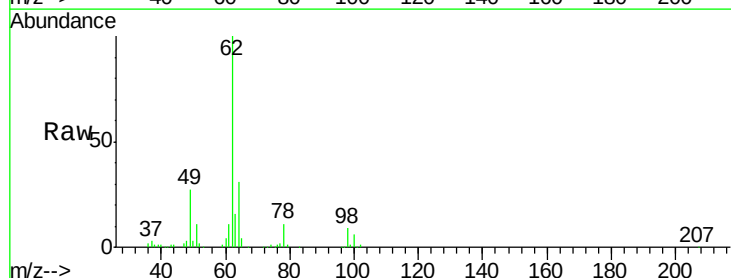
Acq: 04 Nov 2020 18:34

Tgt Ion: 62 Resp: 81698

Ion Ratio Lower Upper

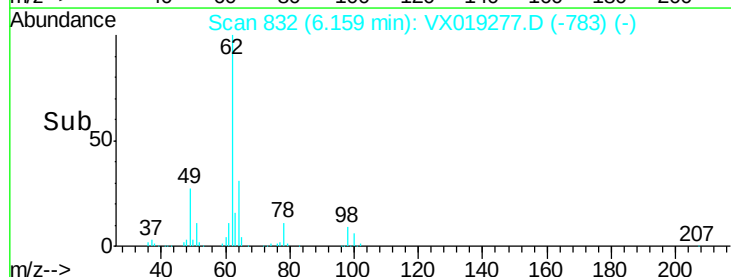
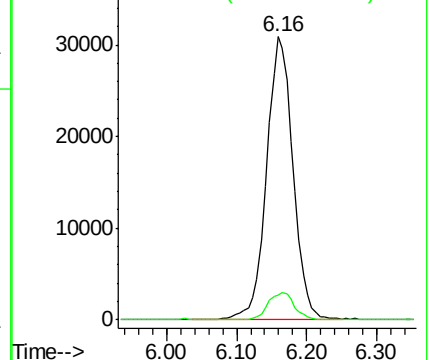
62 100

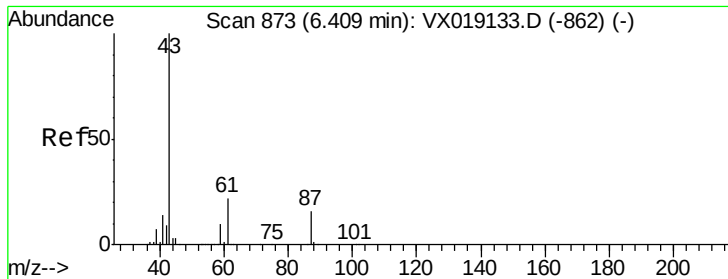
98 9.6 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



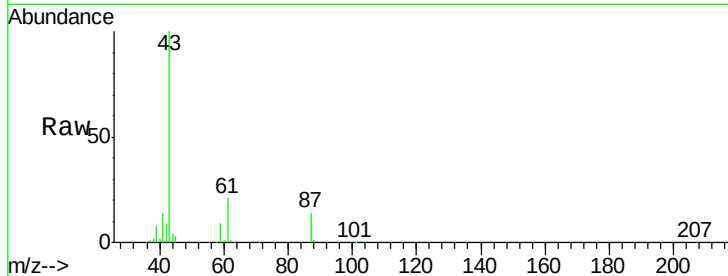


#43

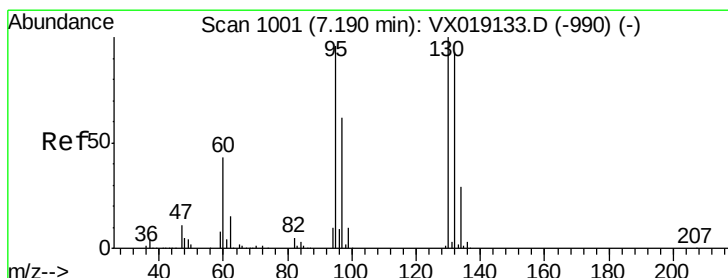
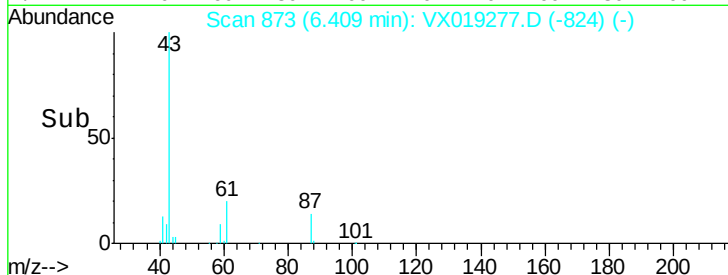
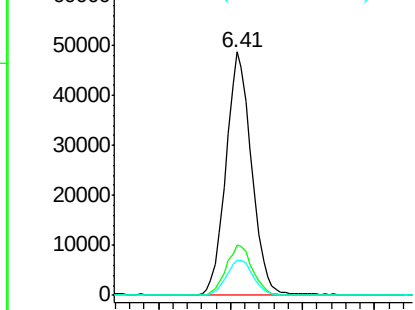
Isopropyl Acetate
 Concen: 19.747 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 120002
 Ion Ratio Lower Upper
 43 100
 61 21.5 17.8 26.6
 87 15.2 12.6 19.0



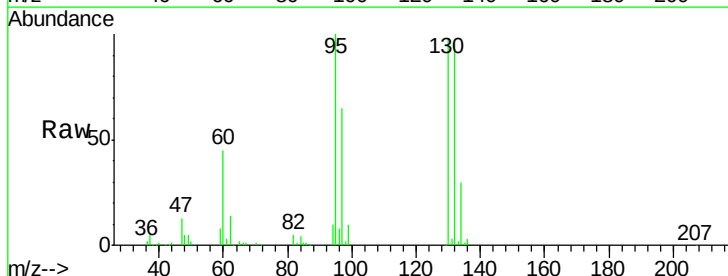
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



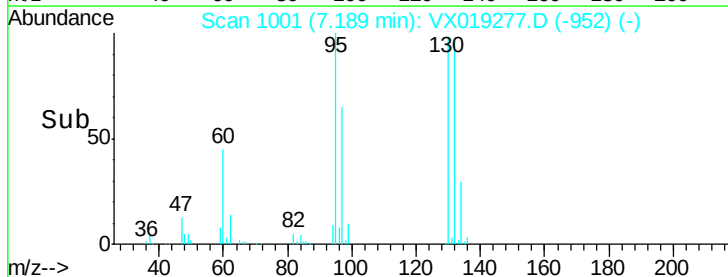
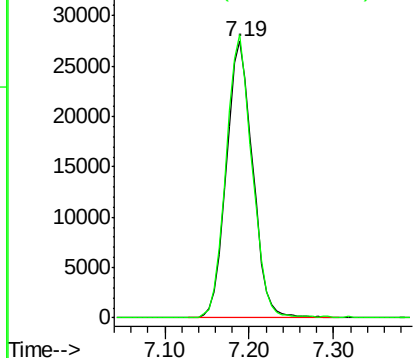
#44

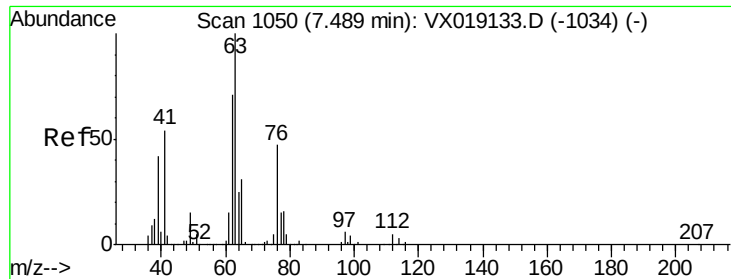
Trichloroethene
 Concen: 18.420 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

Tgt Ion: 130 Resp: 58465
 Ion Ratio Lower Upper
 130 100
 95 102.2 0.0 192.0



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





#45

1,2-Dichloropropane

Concen: 20.187 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

Instrument :

MSVOA_X

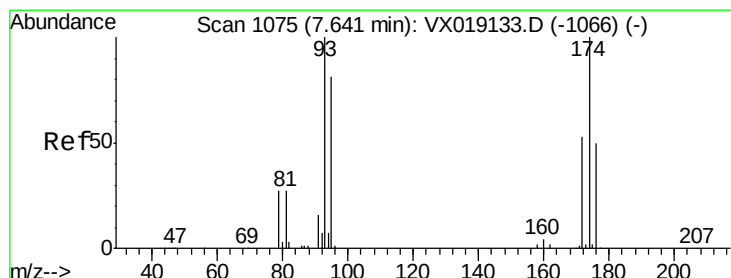
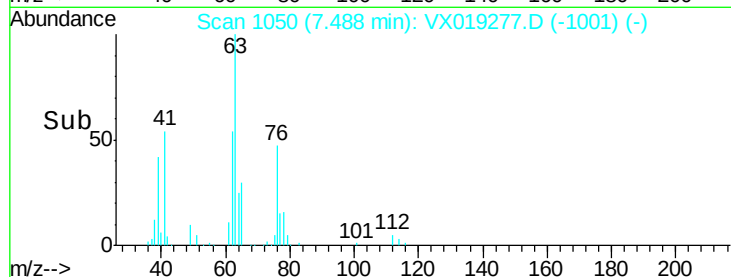
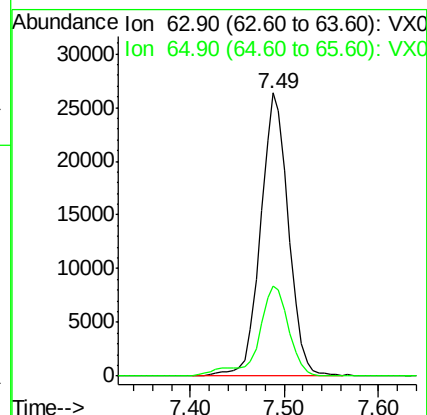
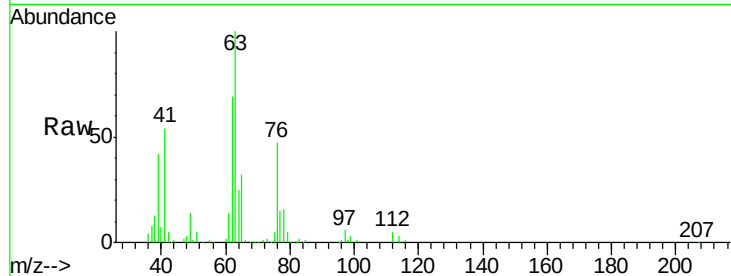
ClientSampled :

Tot Ion: 63 Resp: 54798

Ion Ratio Lower Upper

63 100

65 31.8 25.2 37.8



#46

Dibromomethane

Concen: 18.814 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

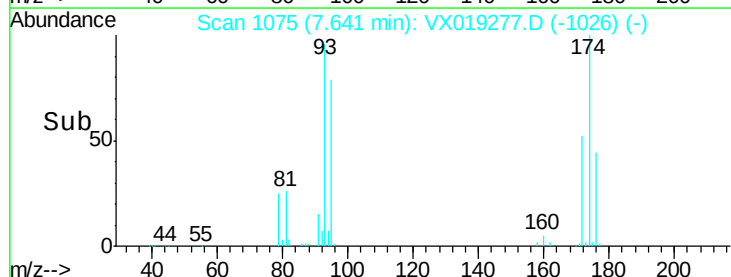
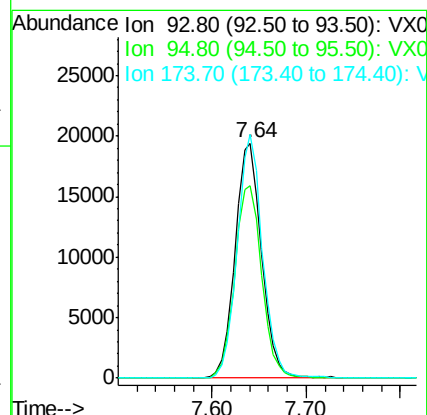
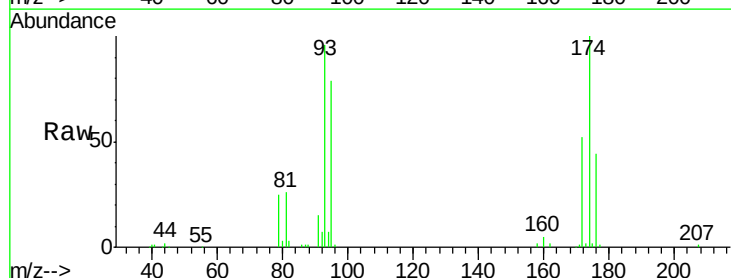
Tgt Ion: 93 Resp: 37766

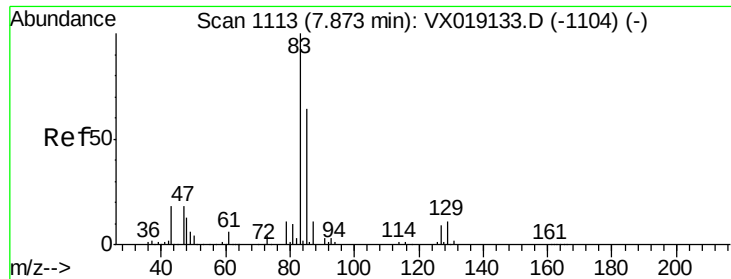
Ion Ratio Lower Upper

93 100

95 83.8 67.0 100.6

174 99.2 81.7 122.5





#47

Bromodichloromethane

Concen: 19.141 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

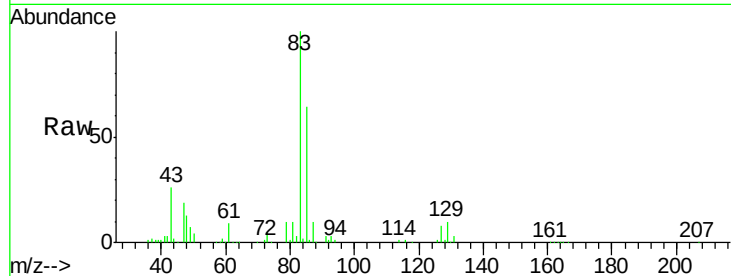
Tot Ion: 83 Resp: 75733

Ion Ratio Lower Upper

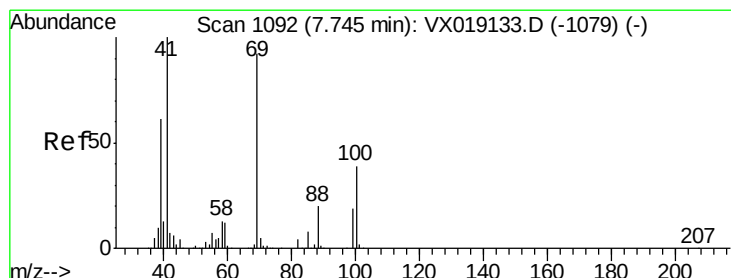
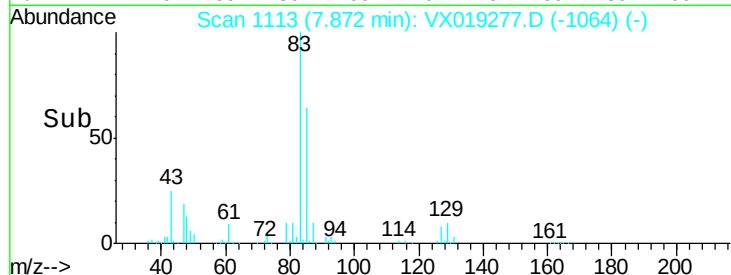
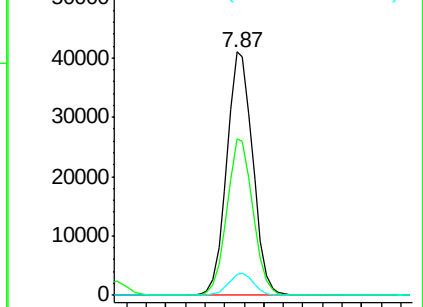
83 100

85 64.3 51.2 76.8

127 8.5 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: 19.919 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

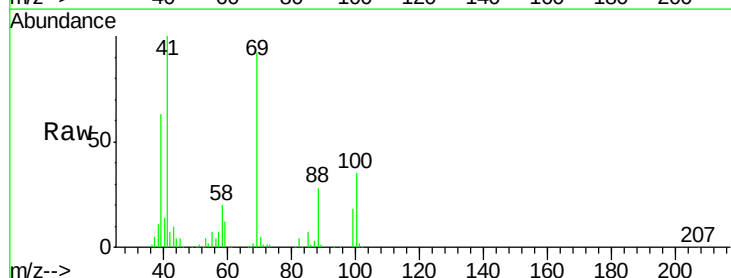
Tgt Ion: 41 Resp: 58261

Ion Ratio Lower Upper

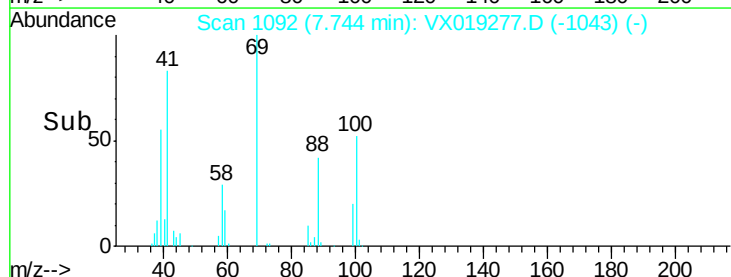
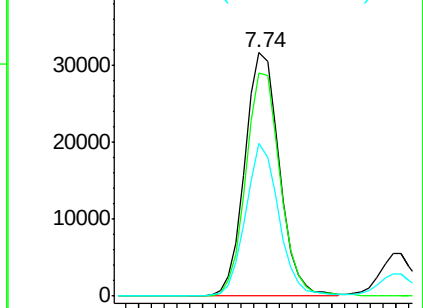
41 100

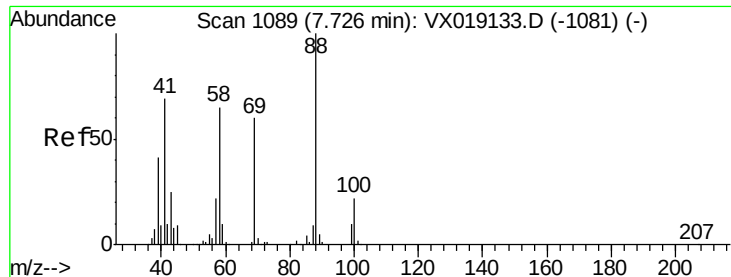
69 91.6 75.5 113.3

39 60.7 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

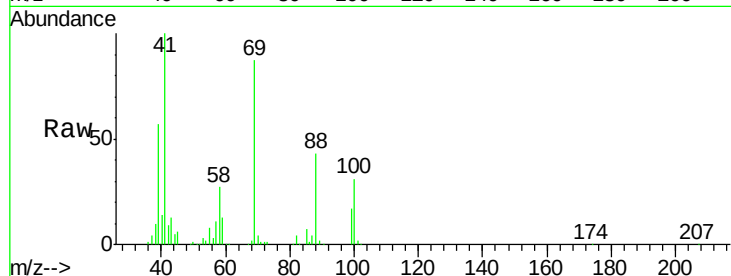




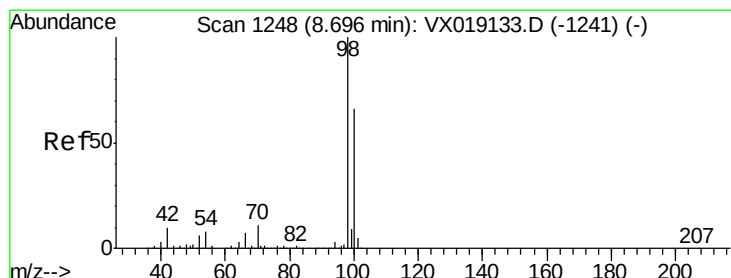
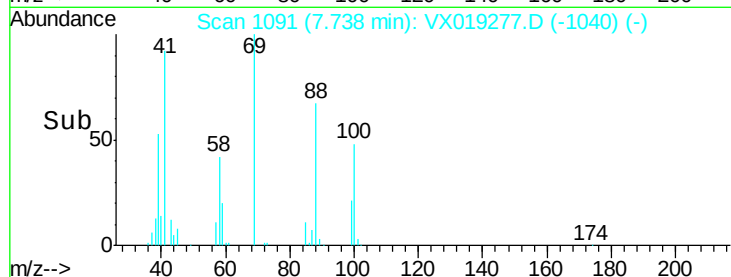
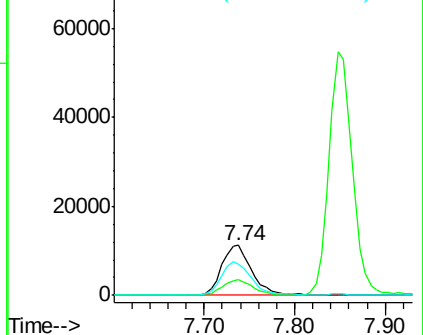
#49
1,4-Dioxane
Concen: 399.134 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 25962
Ion Ratio Lower Upper
88 100
43 31.0 23.0 34.6
58 67.4 52.2 78.2

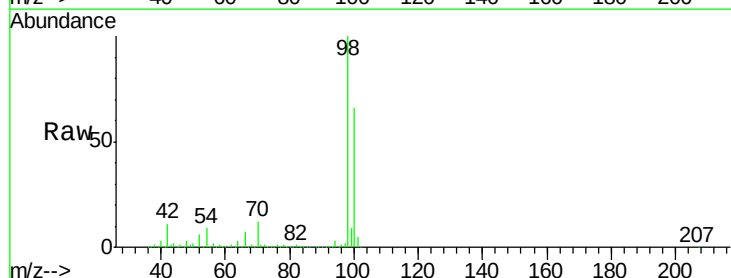


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

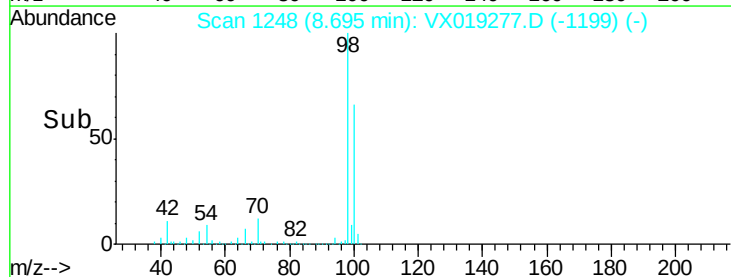
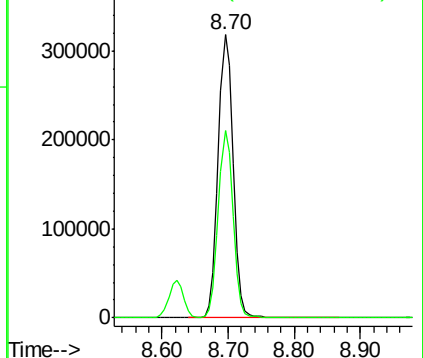


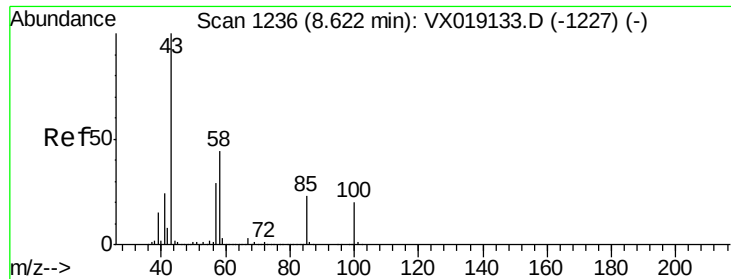
#50
Toluene-d8
Concen: 49.702 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

Tgt Ion: 98 Resp: 498161
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.6



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

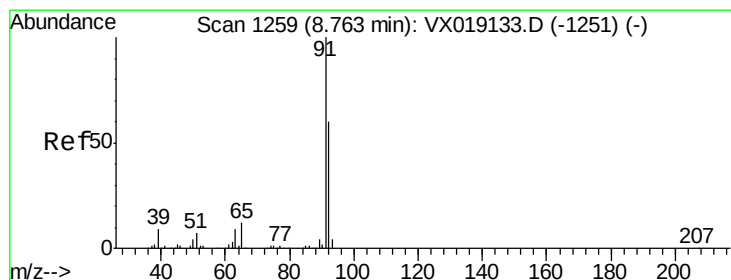
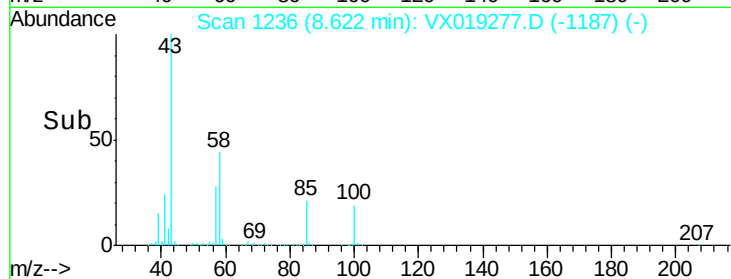
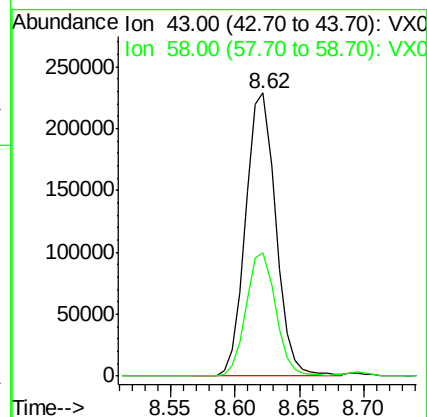
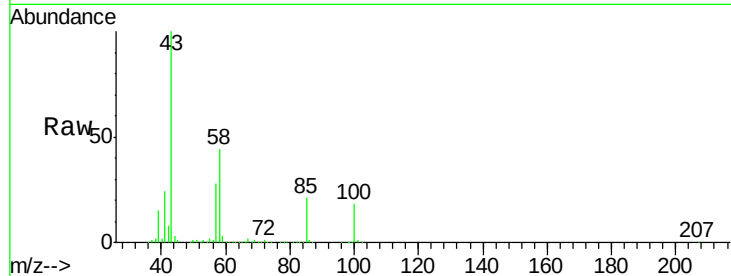




#51
 4-Methyl-2-Pentanone
 Concen: 105.701 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

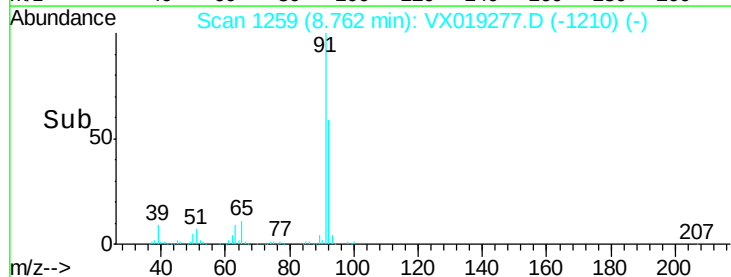
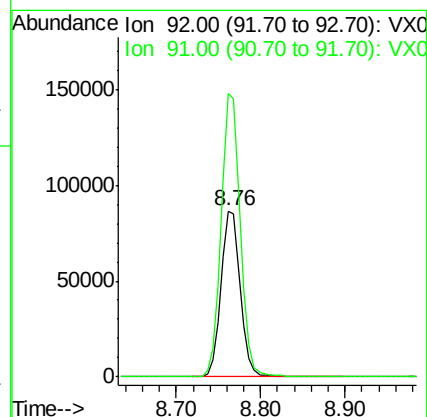
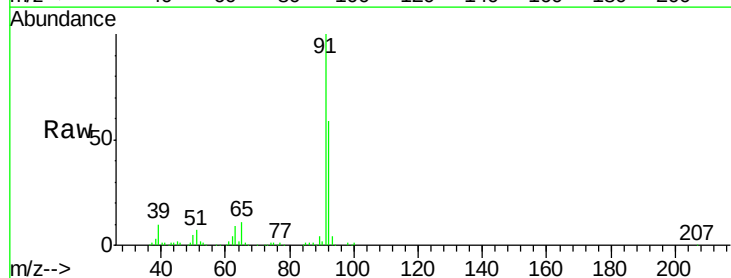
Instrument :
 MSVOA_X
 ClientSampleId :

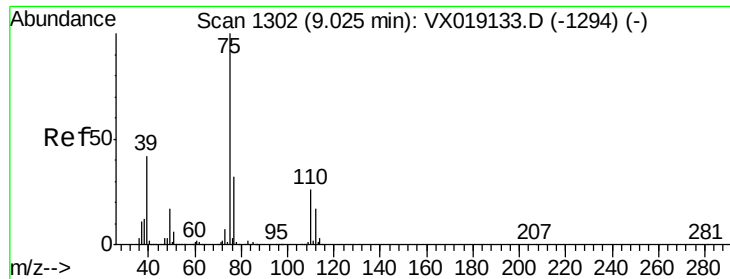
Tot Ion: 43 Resp: 369181
 Ion Ratio Lower Upper
 43 100
 58 42.9 35.0 52.4



#52
 Toluene
 Concen: 19.292 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

Tgt Ion: 92 Resp: 137706
 Ion Ratio Lower Upper
 92 100
 91 169.5 136.3 204.5

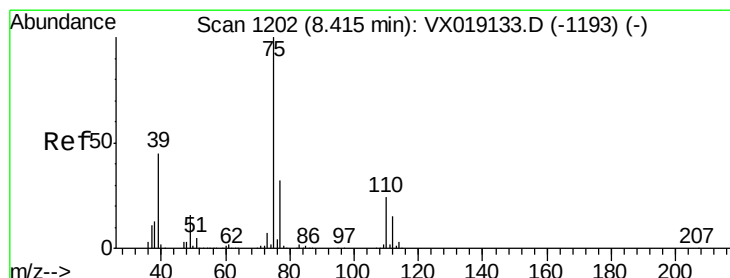
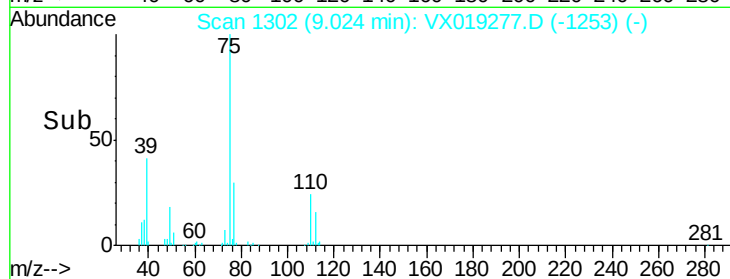
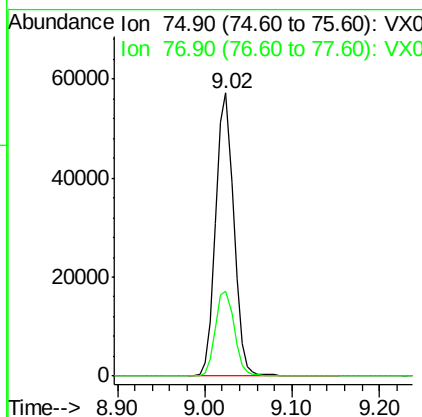
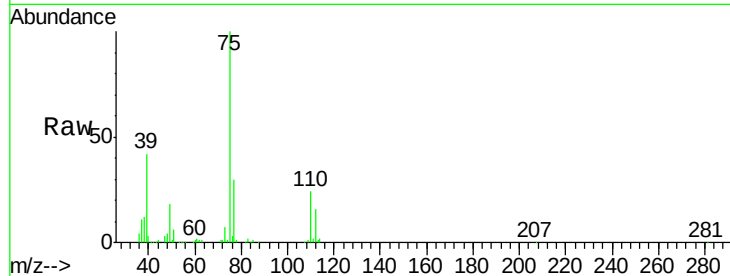




#53
t-1,3-Dichloropropene
Concen: 18.176 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

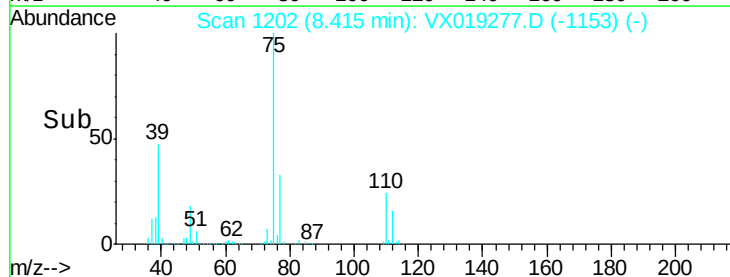
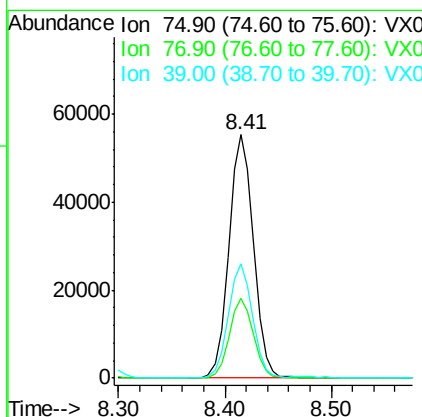
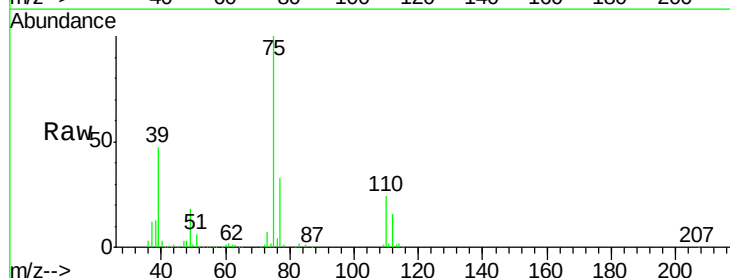
Instrument :
MSVOA_X
ClientSampleId :

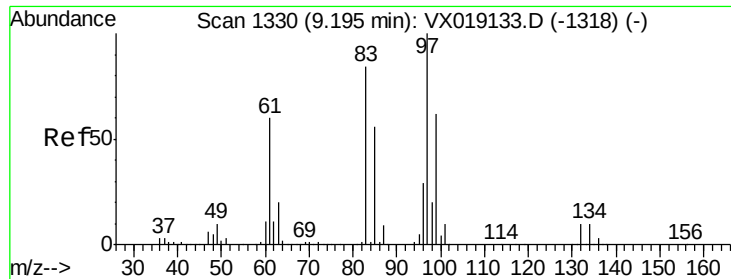
Tot Ion: 75 Resp: 82139
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 18.824 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

Tgt Ion: 75 Resp: 89452
Ion Ratio Lower Upper
75 100
77 32.5 25.5 38.3
39 47.0 36.2 54.2





#55

1,1,2-Trichloroethane

Concen: 19.381 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 97 Resp: 54661

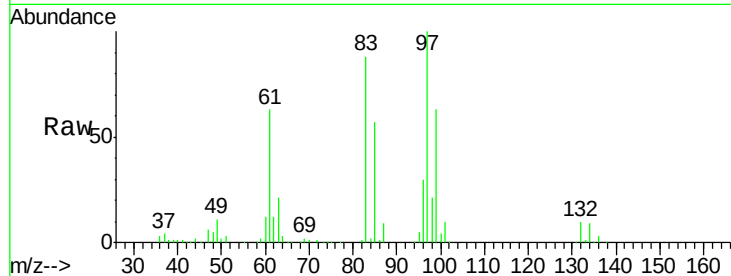
Ion Ratio Lower Upper

97 100

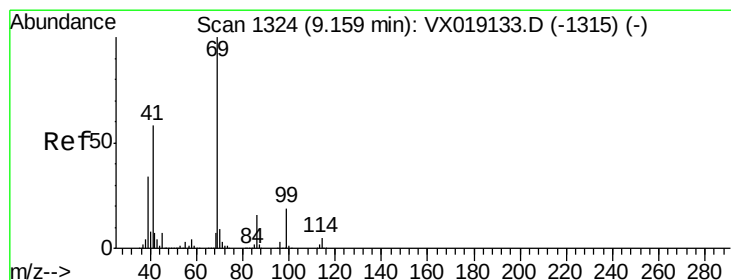
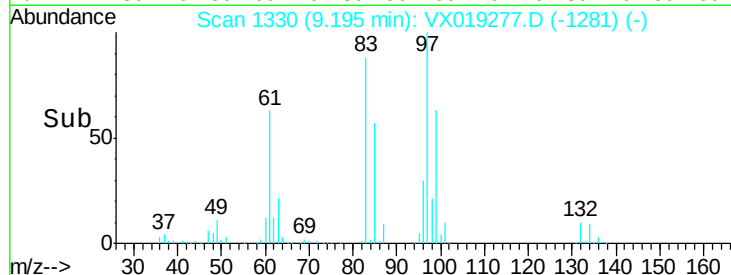
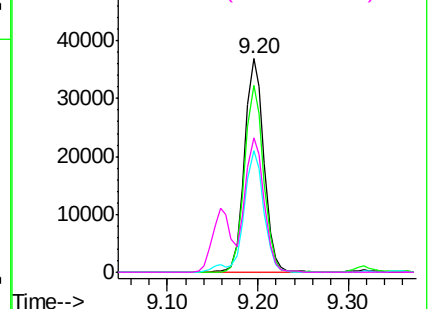
83 87.6 67.2 100.8

85 56.8 44.6 67.0

99 63.0 49.4 74.0



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



#56

Ethyl methacrylate

Concen: 19.259 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

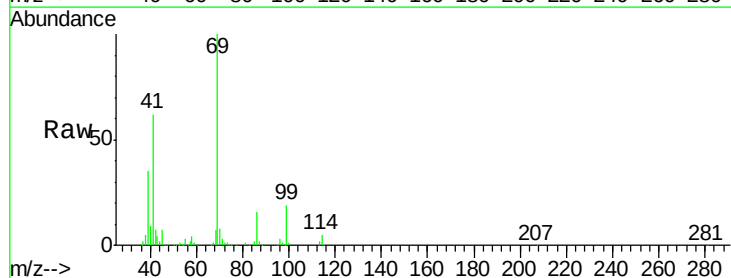
Tgt Ion: 69 Resp: 82042

Ion Ratio Lower Upper

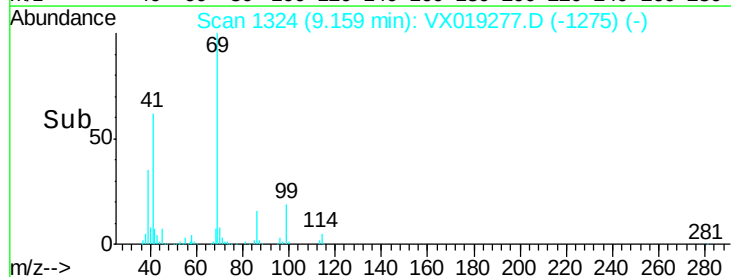
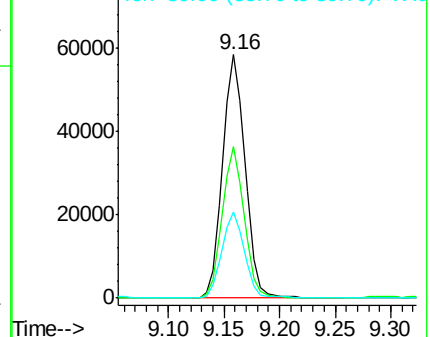
69 100

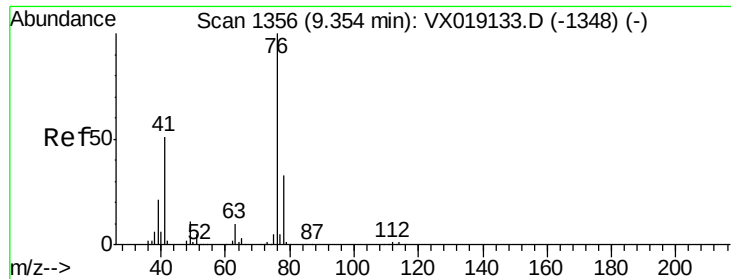
41 61.1 46.5 69.7

39 35.0 27.6 41.4



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

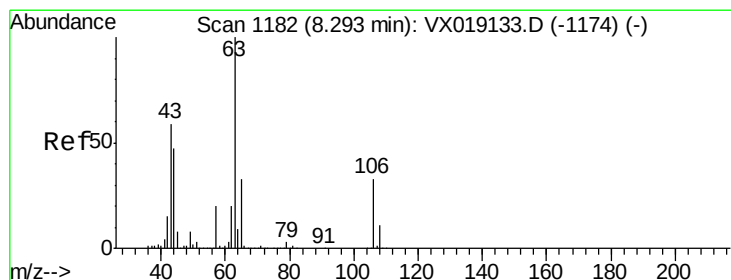
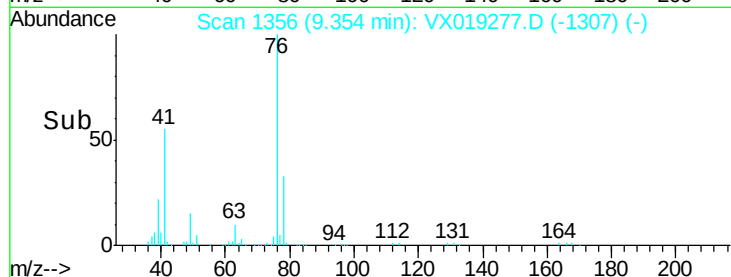
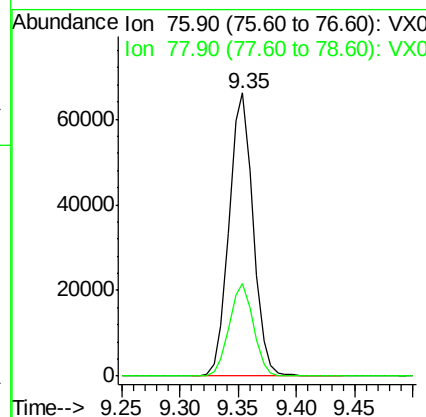
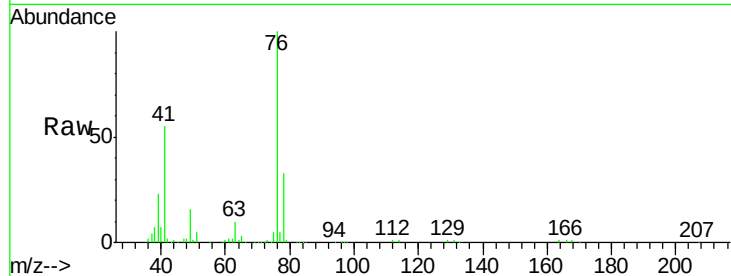




#57
 1,3-Dichloropropane
 Concen: 19.876 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

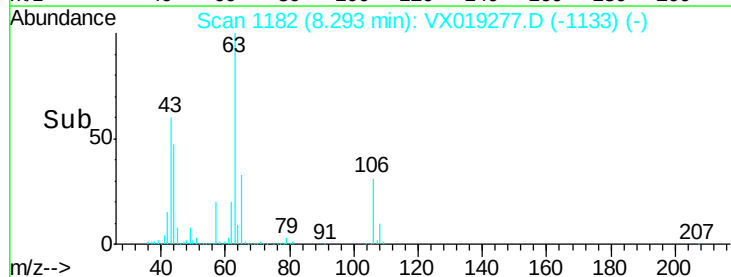
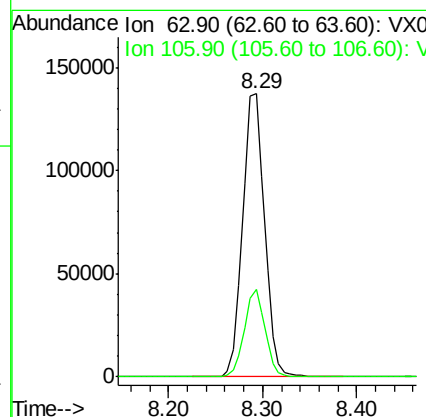
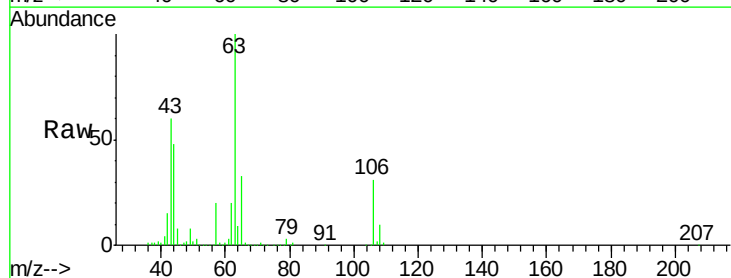
Instrument :
 MSVOA_X
 ClientSampled :

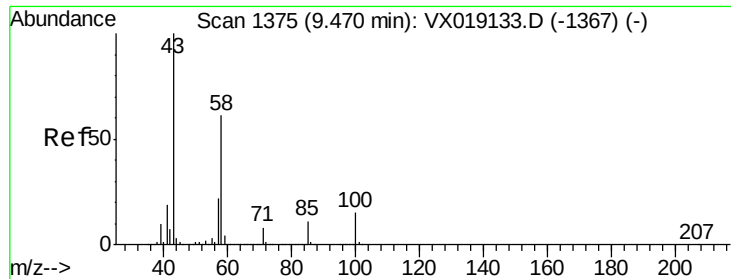
Tot Ion: 76 Resp: 94513
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.788 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

Tgt Ion: 63 Resp: 223442
 Ion Ratio Lower Upper
 63 100
 106 29.3 25.1 37.7

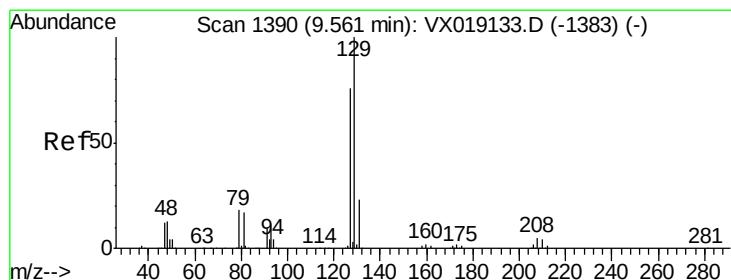
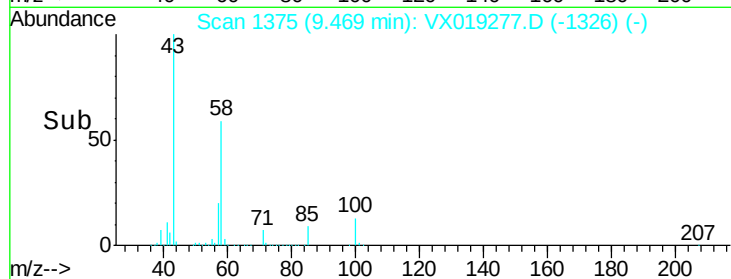
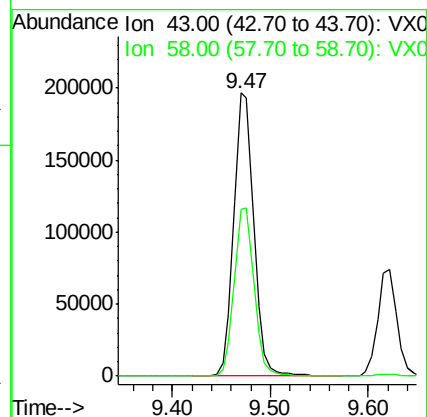
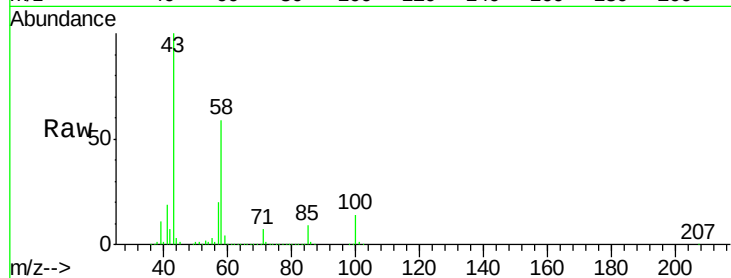




#59
2-Hexanone
Concen: 105.315 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

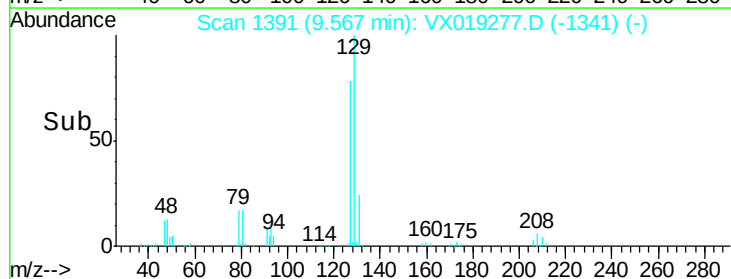
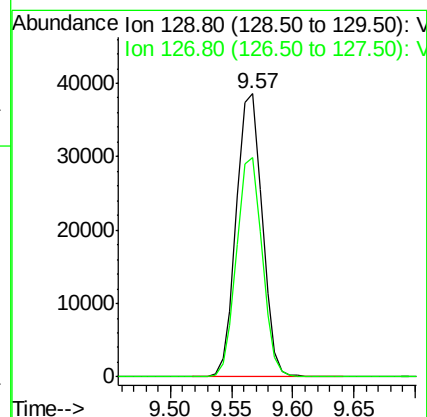
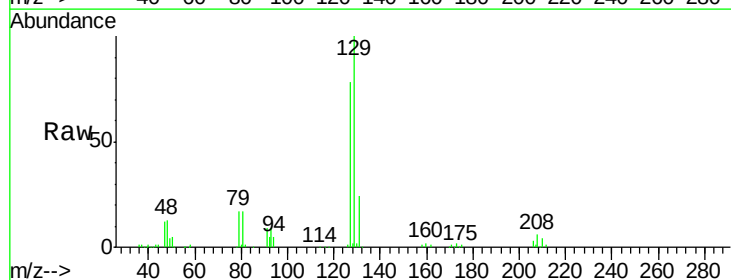
Instrument :
MSVOA_X
ClientSampleId :

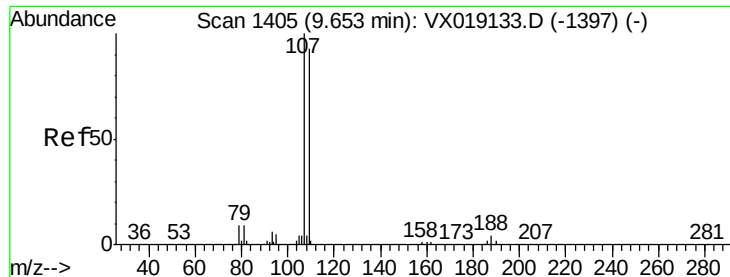
Tot Ion: 43 Resp: 279998
Ion Ratio Lower Upper
43 100
58 59.2 30.5 91.5



#60
Dibromochloromethane
Concen: 18.510 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

Tgt Ion: 129 Resp: 56656
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.256 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

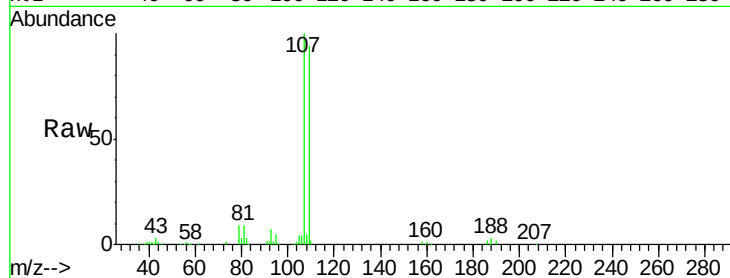
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 58075

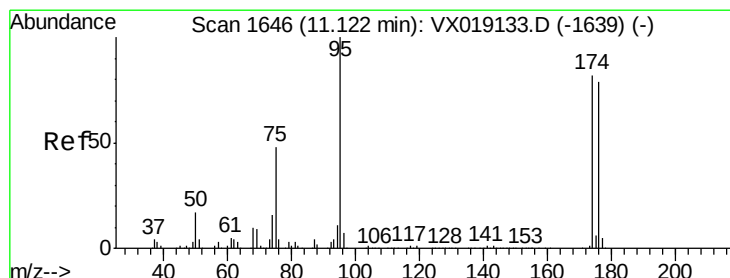
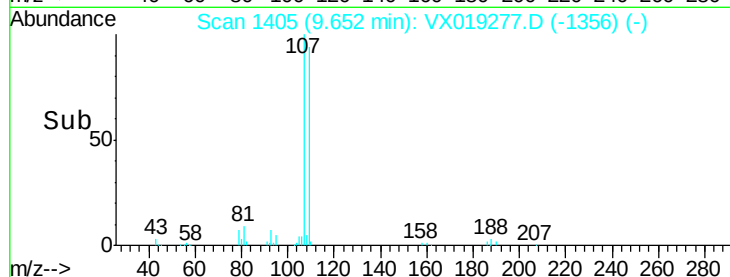
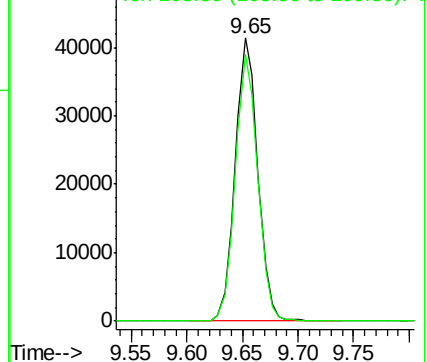
Ion Ratio Lower Upper

107 100

109 93.8 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: 48.123 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

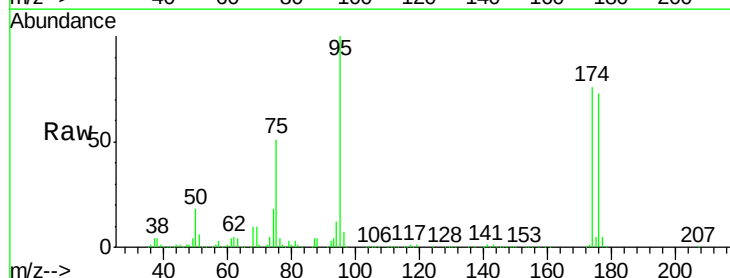
Tgt Ion: 95 Resp: 182664

Ion Ratio Lower Upper

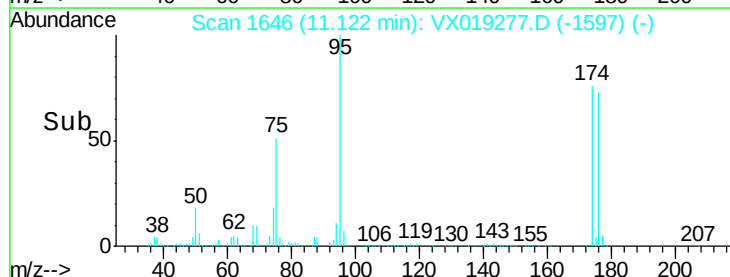
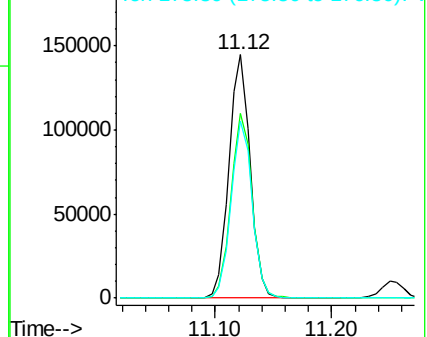
95 100

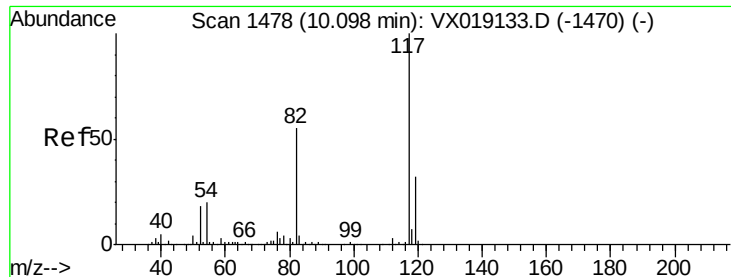
174 76.3 0.0 156.0

176 72.6 0.0 149.8



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

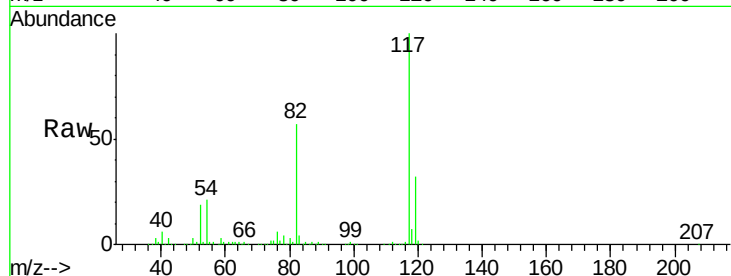




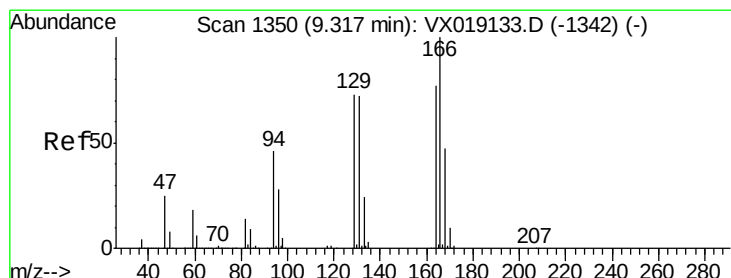
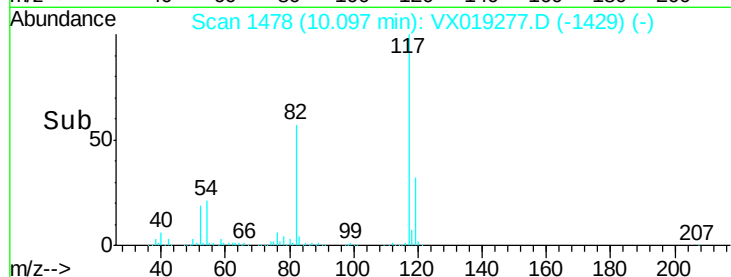
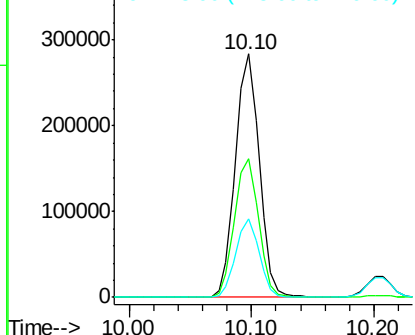
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	43.6	65.4
119	32.4	25.5	38.3



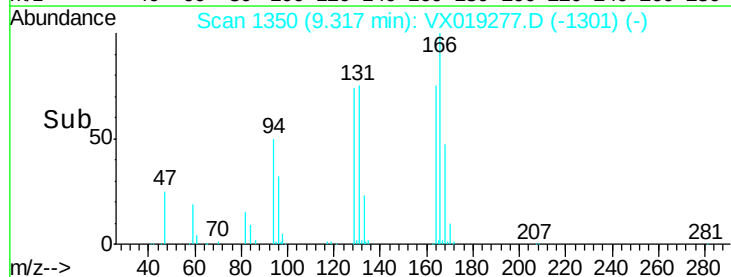
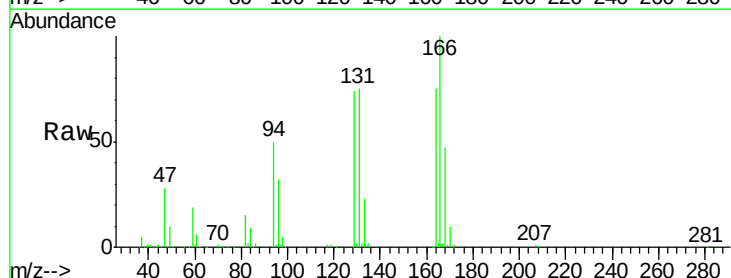
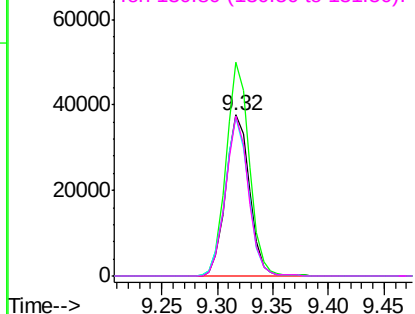
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

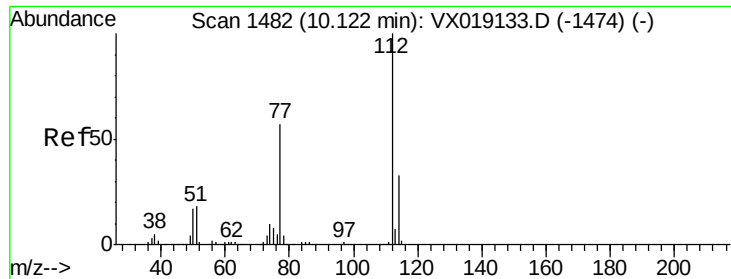


#64
Tetrachloroethene
Concen: 19.063 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.9	104.1	156.1
129	98.8	76.2	114.4
131	99.9	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

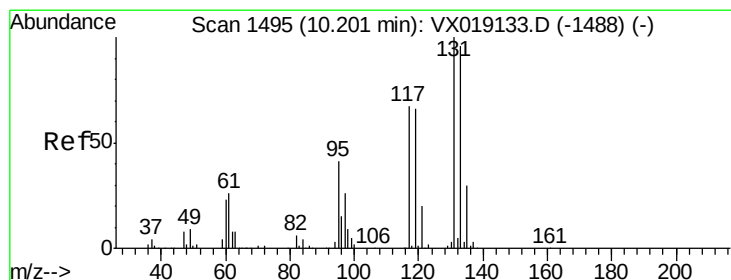
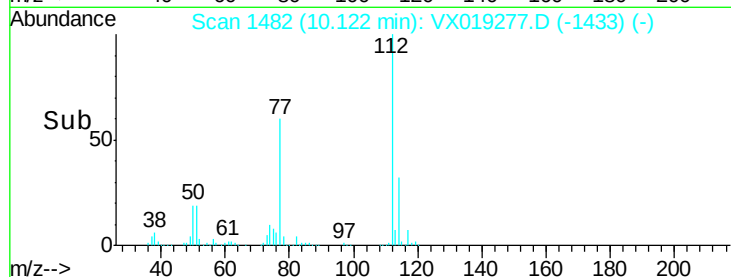
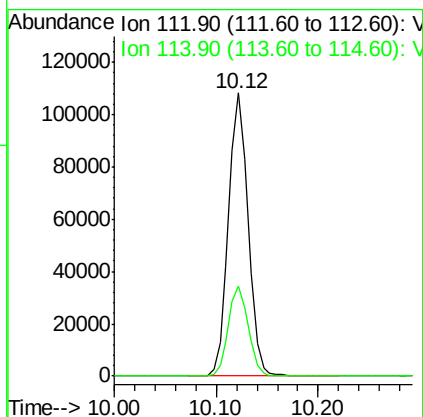
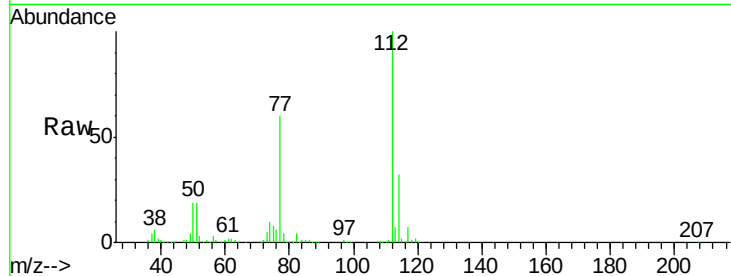




#65
Chlorobenzene
Concen: 18.413 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

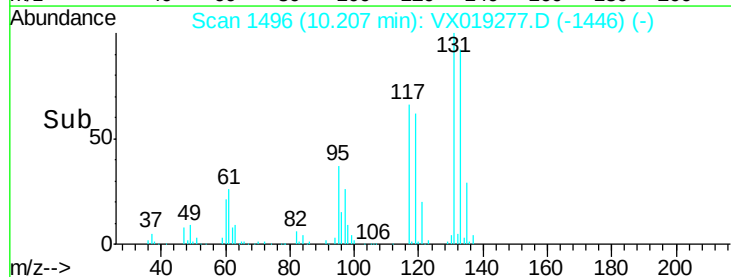
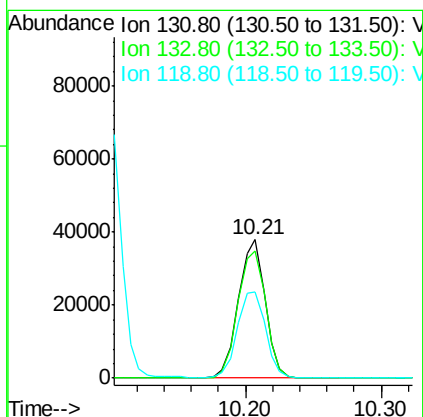
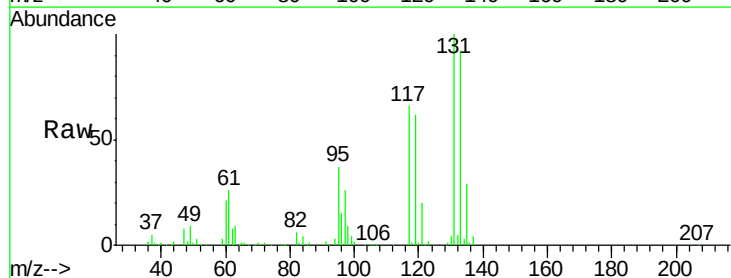
Instrument :
MSVOA_X
ClientSampled :

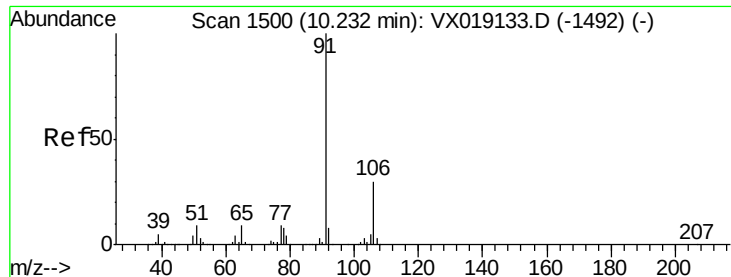
Tot Ion:112 Resp: 144274
Ion Ratio Lower Upper
112 100
114 31.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.472 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

Tgt Ion:131 Resp: 52107
Ion Ratio Lower Upper
131 100
133 96.1 47.3 141.8
119 65.8 32.3 96.9

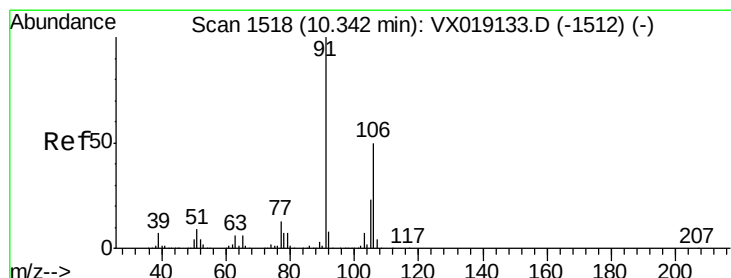
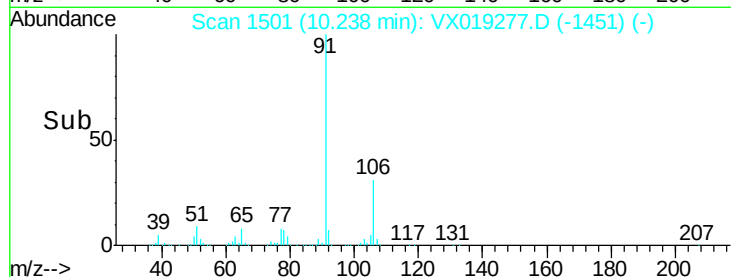
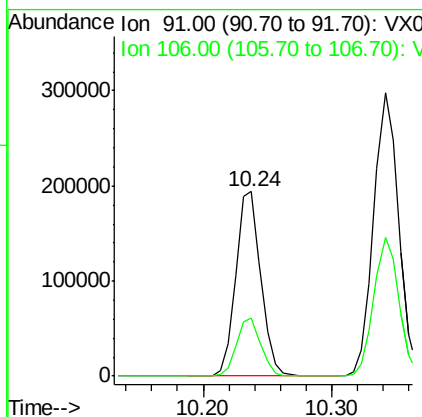
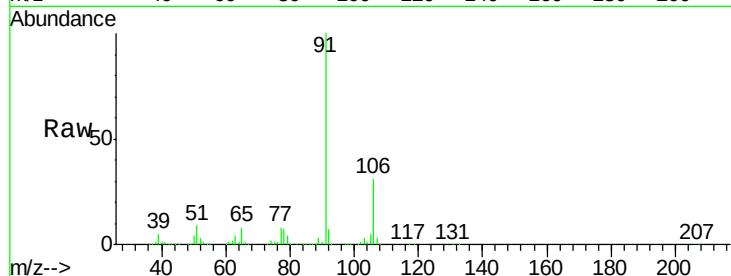




#67
Ethyl Benzene
Concen: 18.782 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

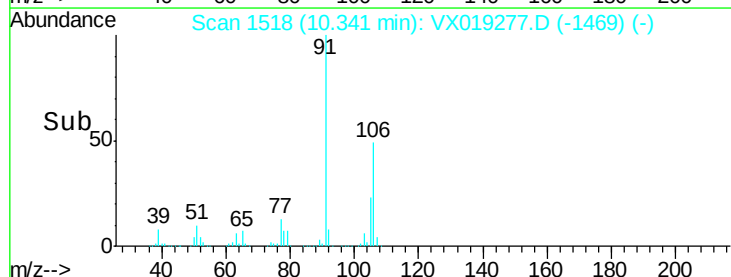
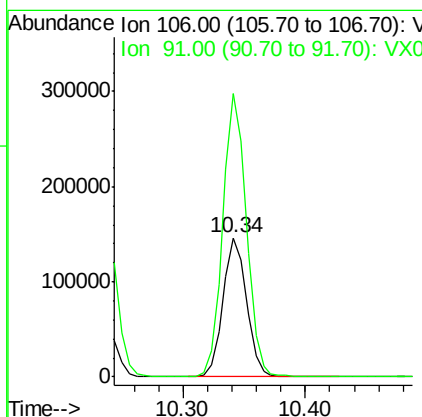
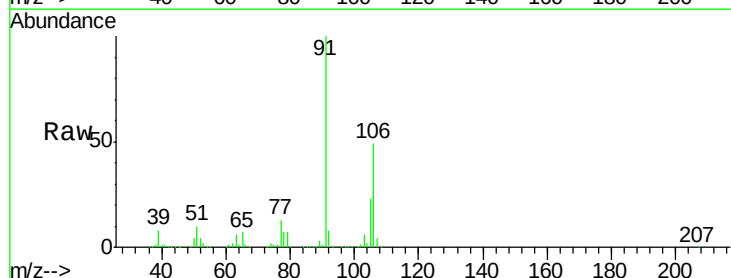
Instrument :
MSVOA_X
ClientSampled :

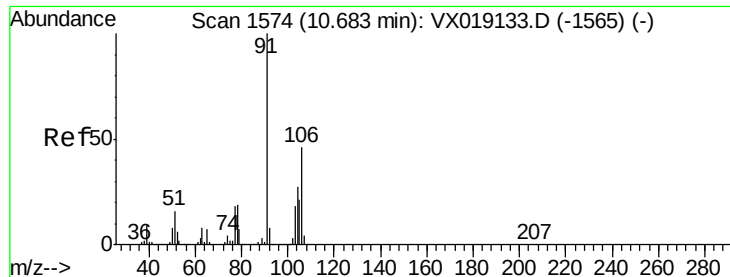
Tot Ion: 91 Resp: 262242
Ion Ratio Lower Upper
91 100
106 31.2 24.3 36.5



#68
m/p-Xylenes
Concen: 37.294 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

Tgt Ion: 106 Resp: 195434
Ion Ratio Lower Upper
106 100
91 203.7 161.0 241.4

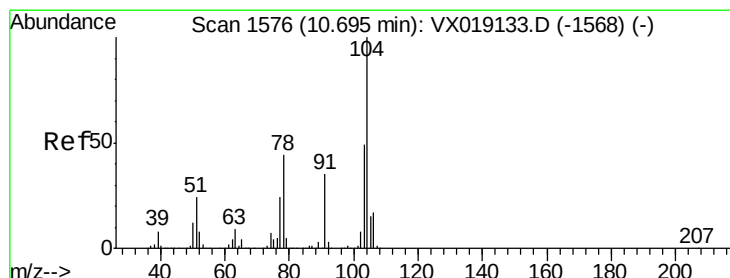
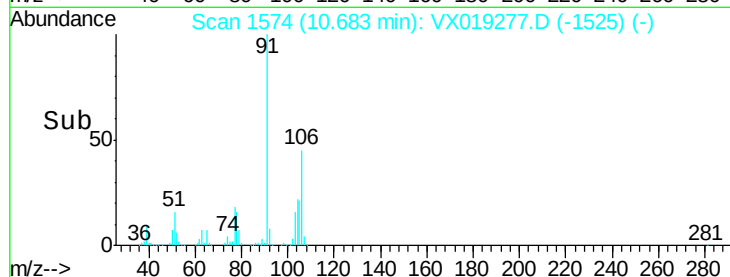
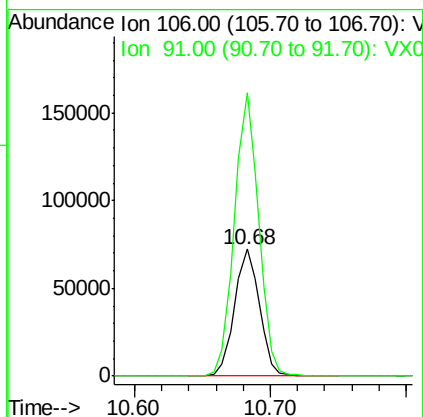
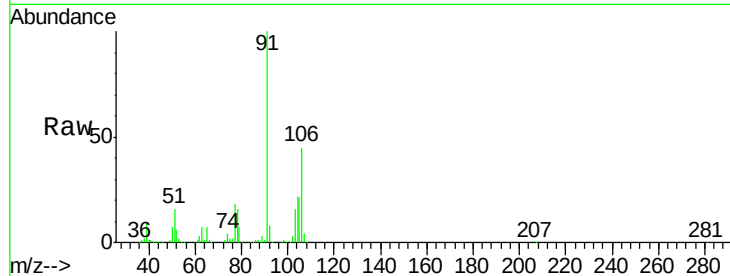




#69
o-Xylene
Concen: 18.599 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

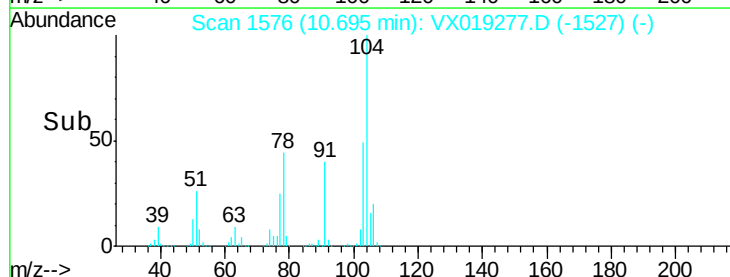
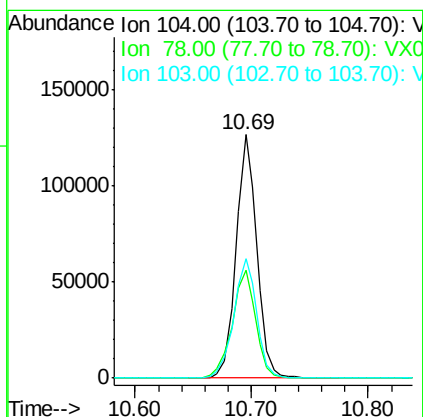
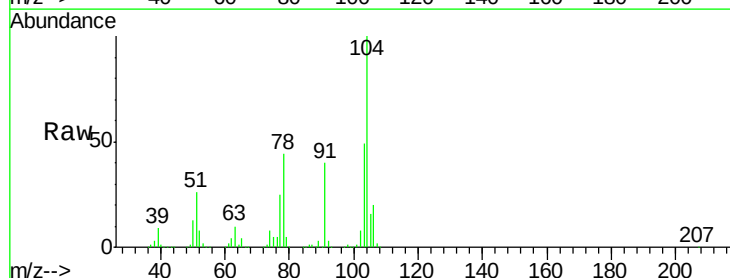
Instrument :
MSVOA_X
ClientSampleId :

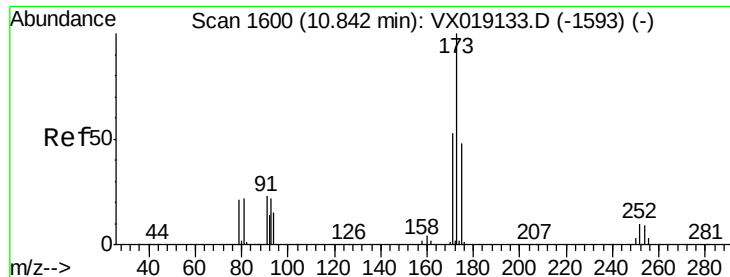
Tot Ion:106 Resp: 92447
Ion Ratio Lower Upper
106 100
91 218.0 108.3 324.8



#70
Styrene
Concen: 18.534 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019277.D
Acq: 04 Nov 2020 18:34

Tgt Ion:104 Resp: 157182
Ion Ratio Lower Upper
104 100
78 50.1 40.0 60.0
103 54.6 43.5 65.3





#71

Bromoform

Concen: 16.956 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

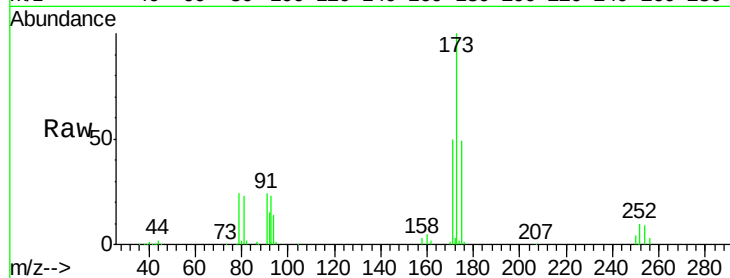
Tot Ion:173 Resp: 37923

Ion Ratio Lower Upper

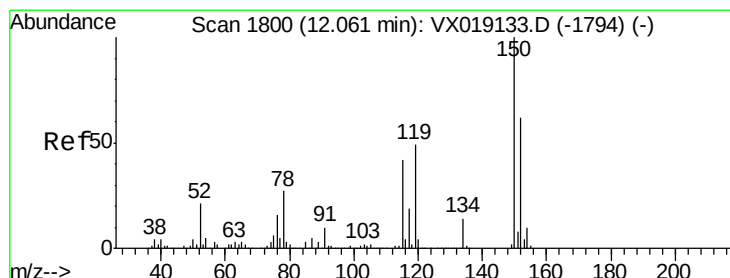
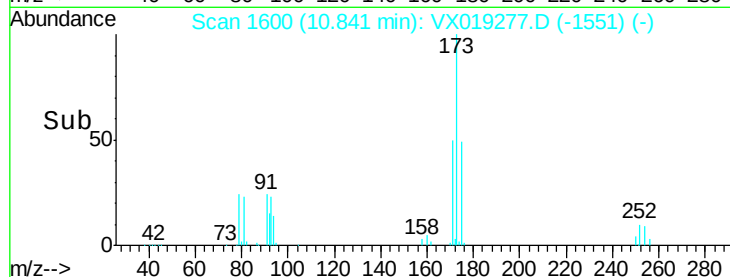
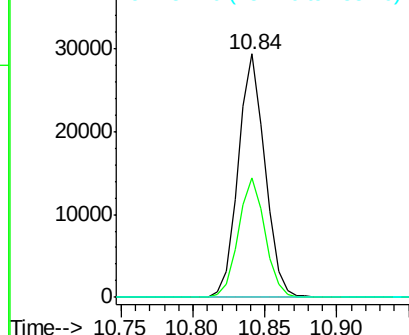
173 100

175 48.9 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: VX019277.D

Acq: 04 Nov 2020 18:34

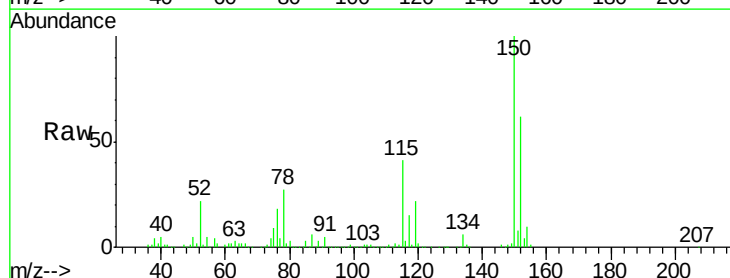
Tgt Ion:152 Resp: 186373

Ion Ratio Lower Upper

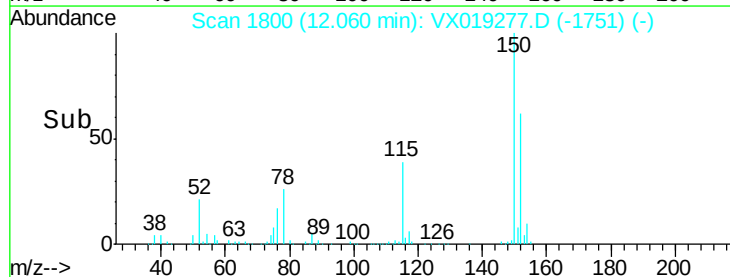
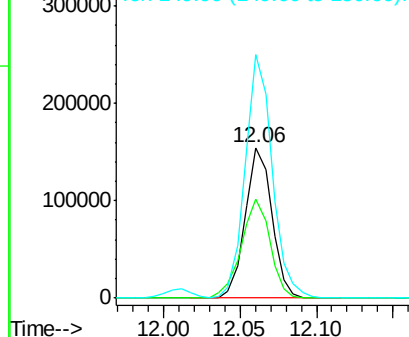
152 100

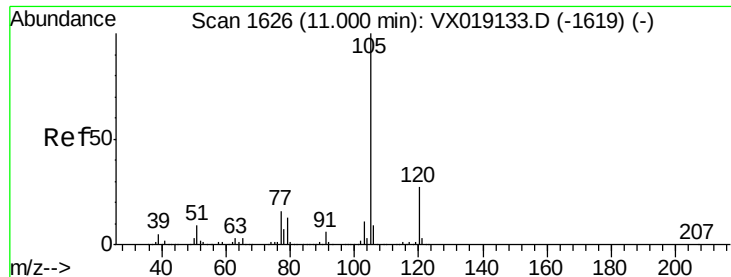
115 71.5 41.9 125.7

150 164.3 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: 19.274 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

Instrument :

MSVOA_X

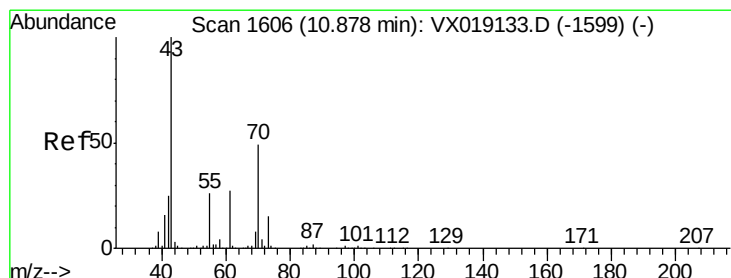
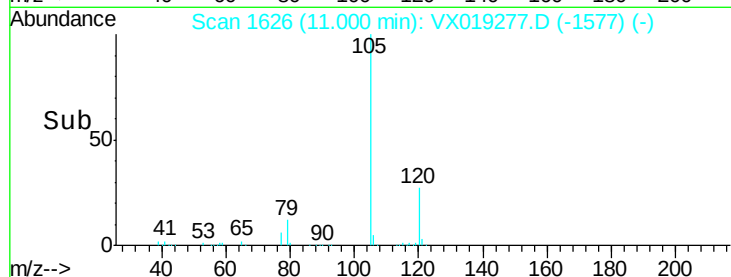
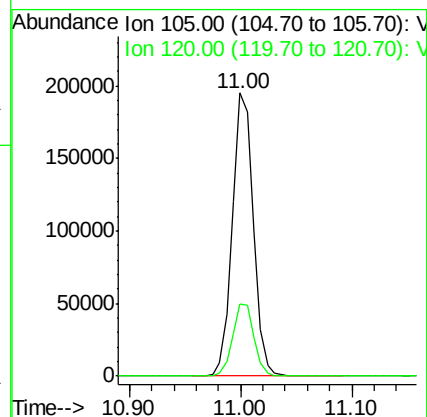
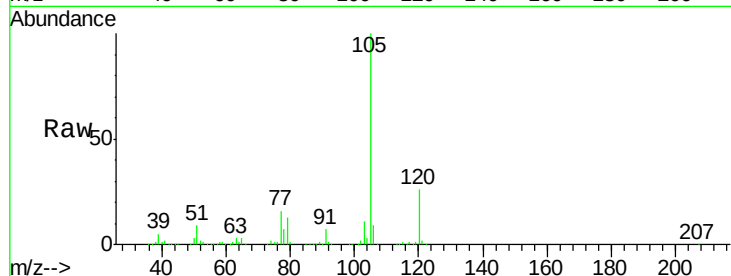
ClientSampleId :

Tot Ion:105 Resp: 254268

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.8



#74

N-ethyl acetate

Concen: 19.623 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

Tgt Ion: 43 Resp: 94653

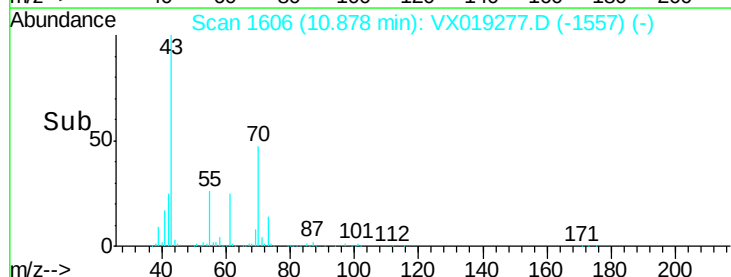
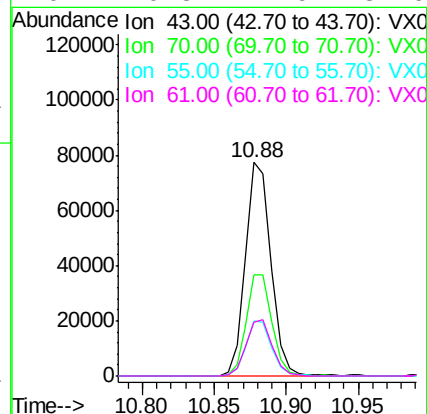
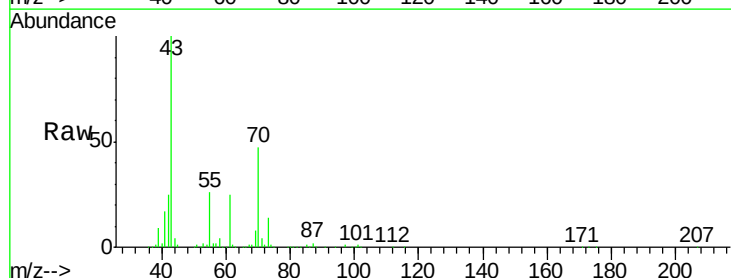
Ion Ratio Lower Upper

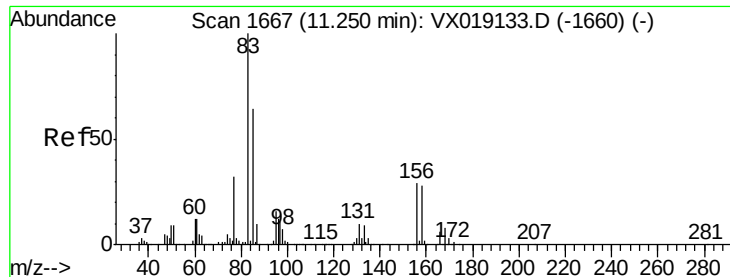
43 100

70 48.1 39.6 59.4

55 26.2 20.7 31.1

61 26.8 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.092 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

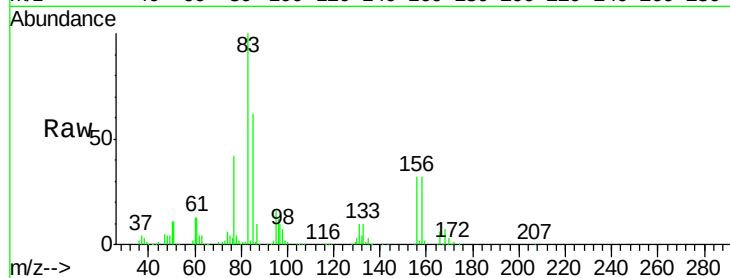
Tot Ion: 83 Resp: 82838

Ion Ratio Lower Upper

83 100

131 9.8 5.2 15.6

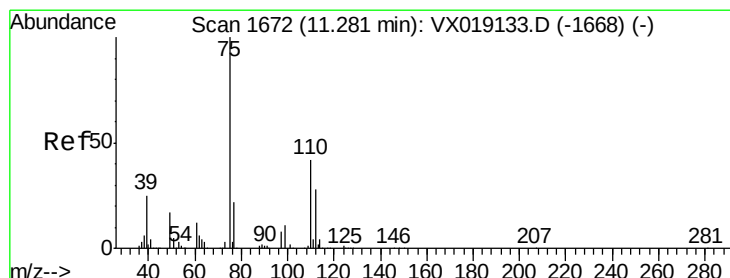
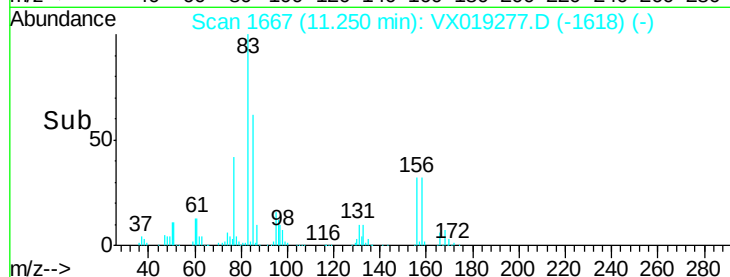
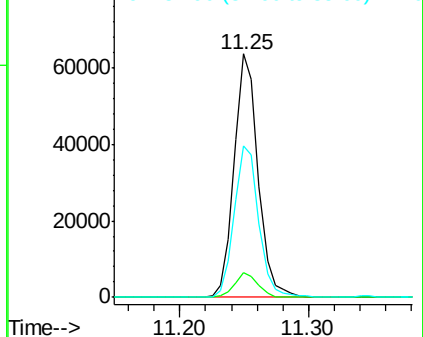
85 63.9 32.1 96.3



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: 24.710 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019277.D

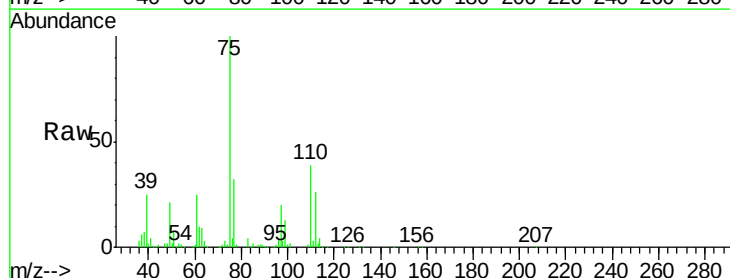
Acq: 04 Nov 2020 18:34

Tgt Ion: 75 Resp: 95089

Ion Ratio Lower Upper

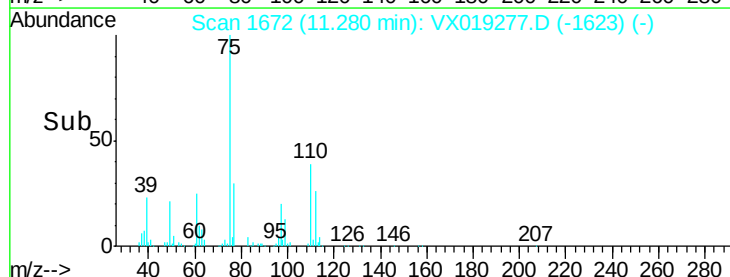
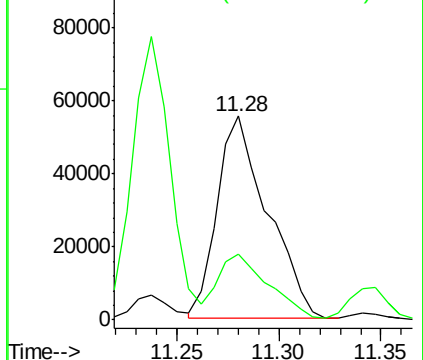
75 100

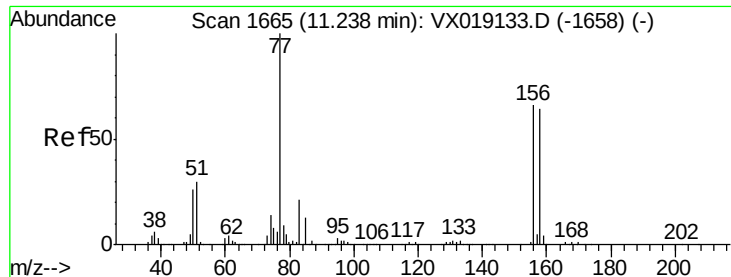
77 32.9 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.341 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

Instrument :

MSVOA_X

ClientSampled :

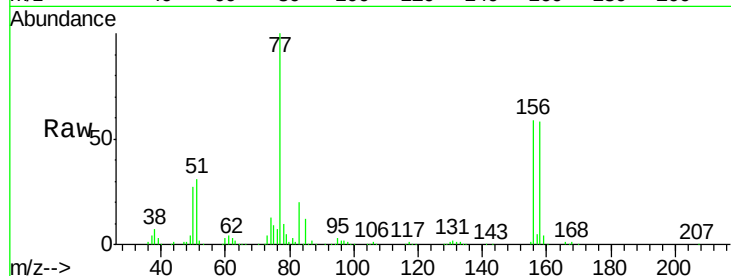
Tot Ion:156 Resp: 60052

Ion Ratio Lower Upper

156 100

77 167.7 77.7 233.1

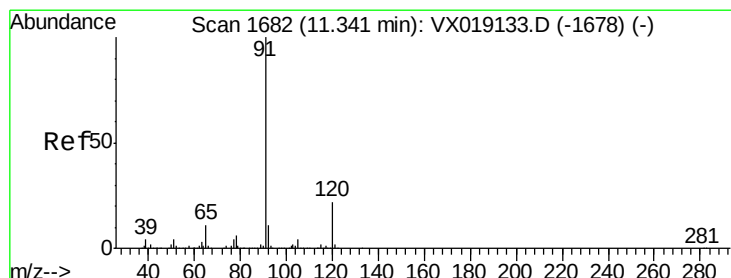
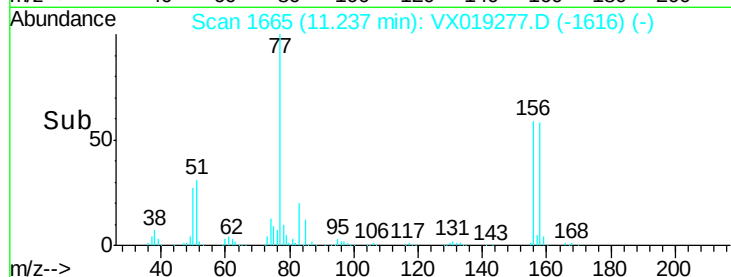
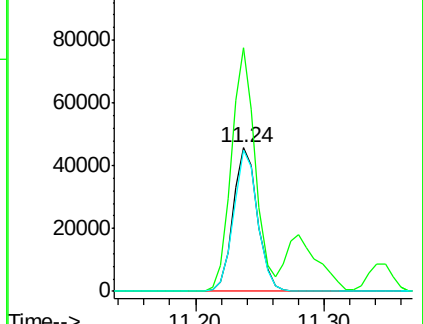
158 97.3 48.3 144.8



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: 19.356 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019277.D

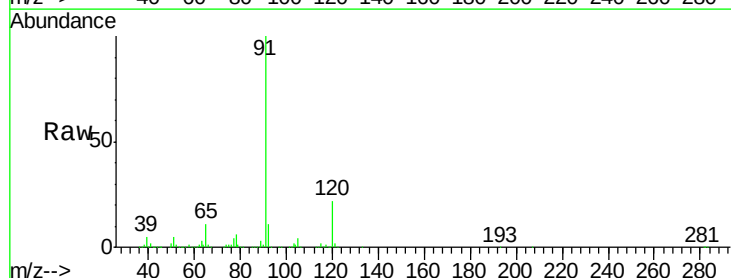
Acq: 04 Nov 2020 18:34

Tgt Ion: 91 Resp: 291491

Ion Ratio Lower Upper

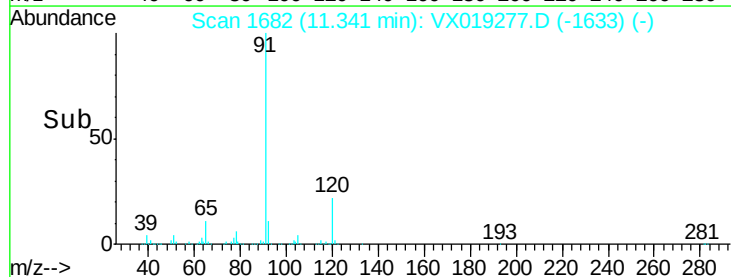
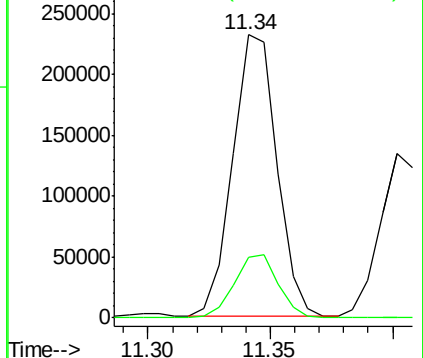
91 100

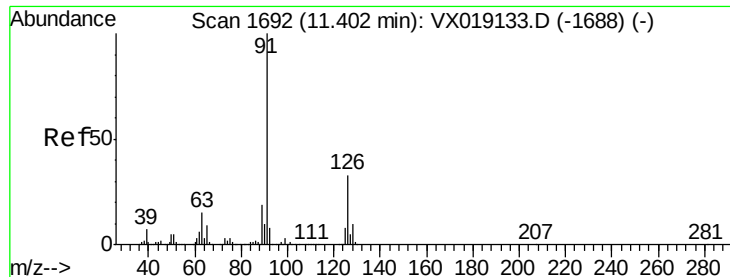
120 22.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

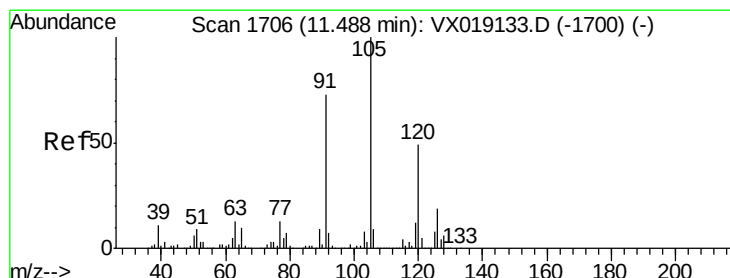
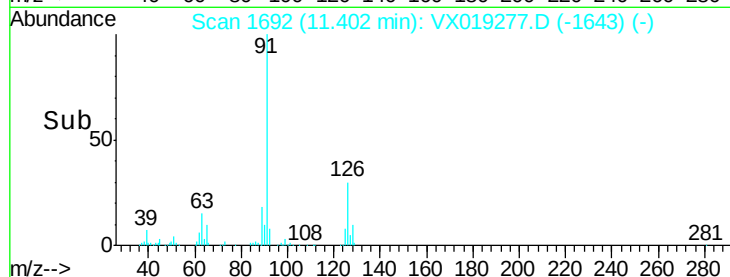
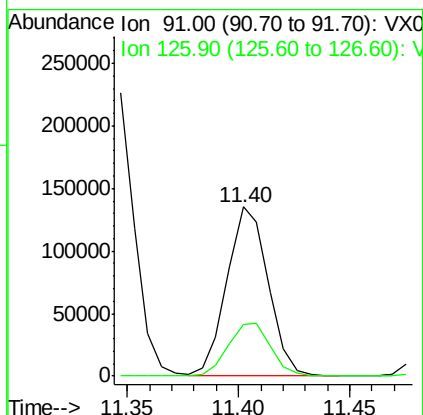
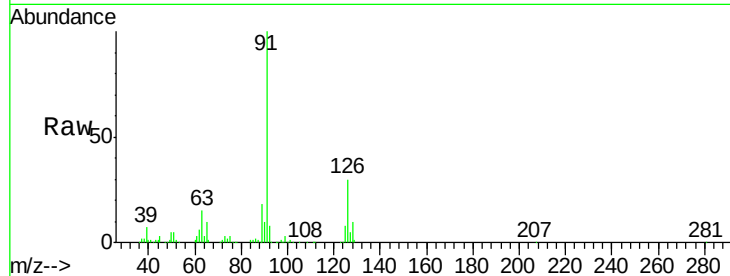




#79
 2-Chlorotoluene
 Concen: 19.450 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

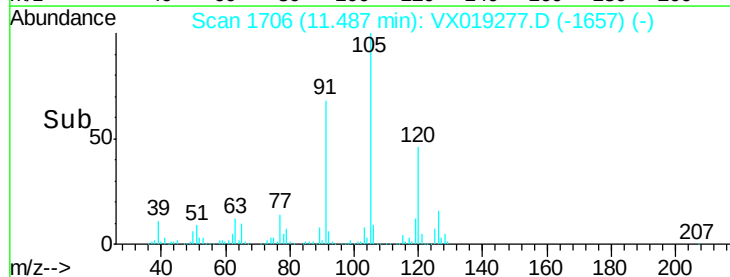
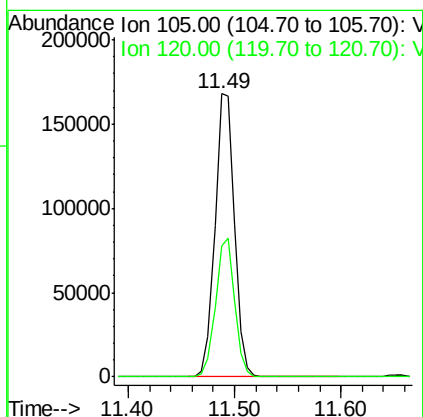
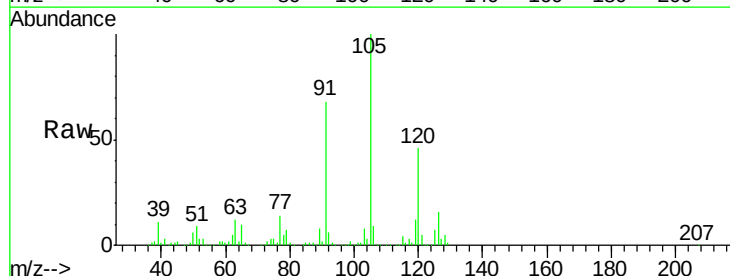
Instrument :
 MSVOA_X
 ClientSampled :

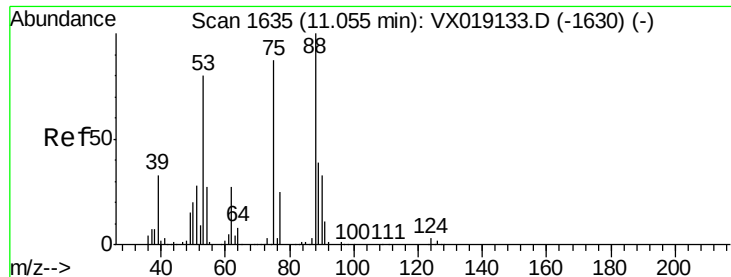
Tot Ion: 91 Resp: 172445
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 18.971 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

Tgt Ion: 105 Resp: 211432
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.563 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

Instrument :

MSVOA_X

ClientSampled :

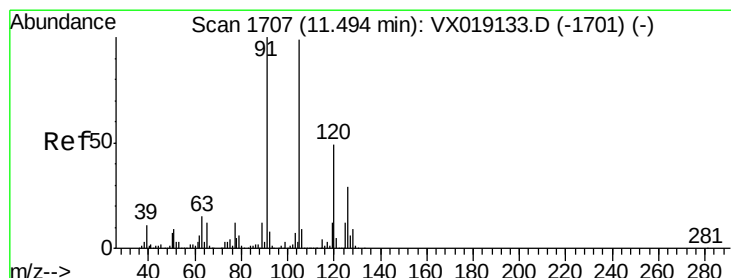
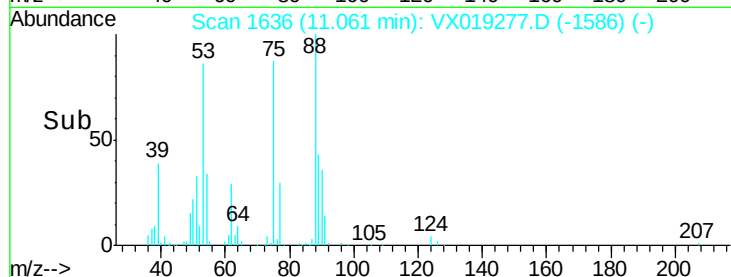
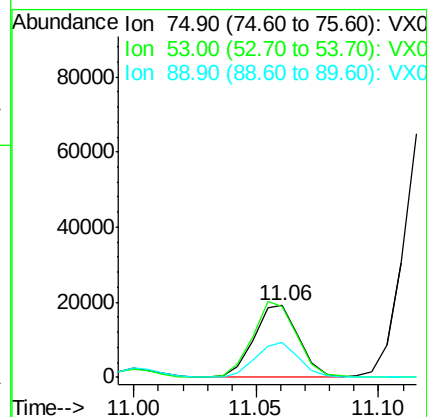
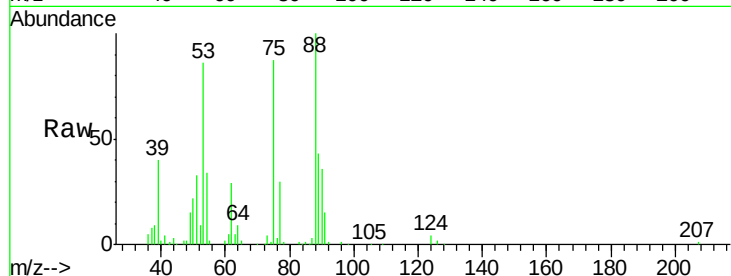
Tot Ion: 75 Resp: 24208

Ion Ratio Lower Upper

75 100

53 104.7 73.3 109.9

89 48.4 38.2 57.2



#82

4-Chlorotoluene

Concen: 18.703 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019277.D

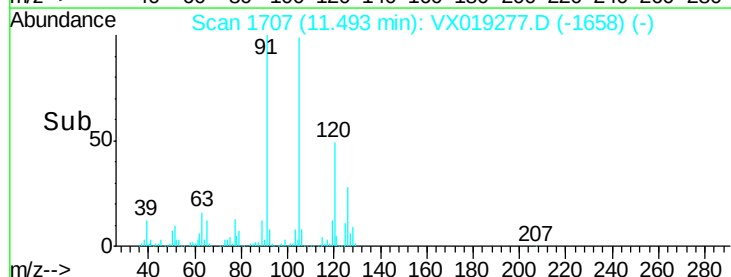
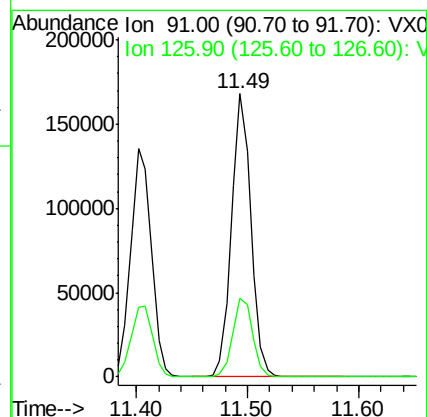
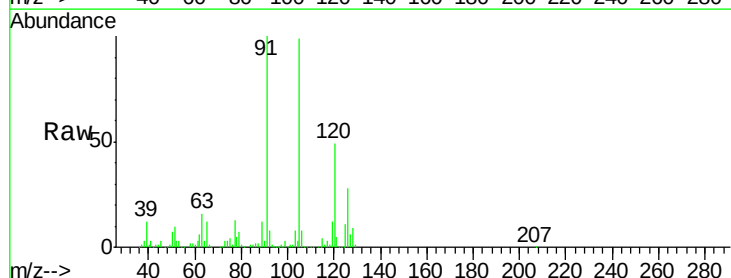
Acq: 04 Nov 2020 18:34

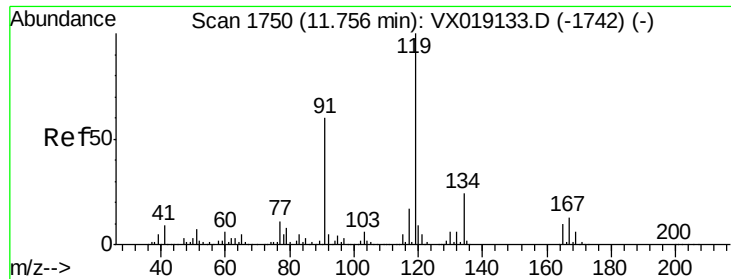
Tgt Ion: 91 Resp: 202498

Ion Ratio Lower Upper

91 100

126 28.5 14.8 44.4

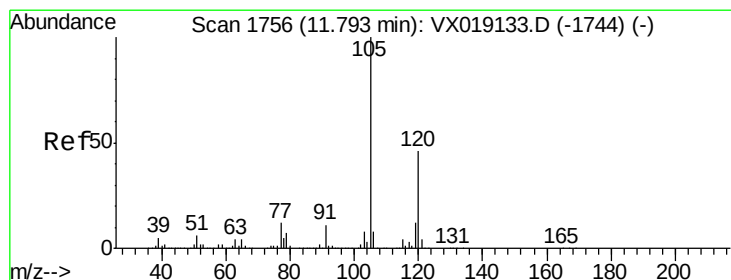
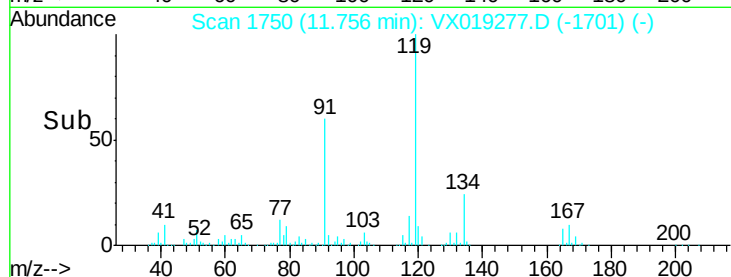
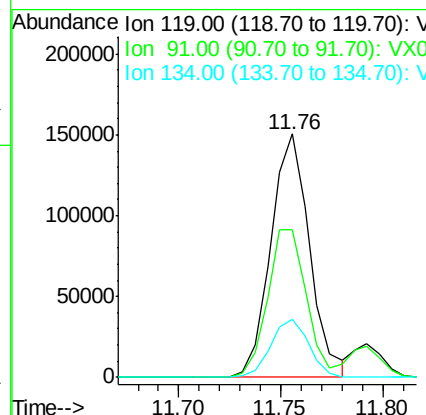
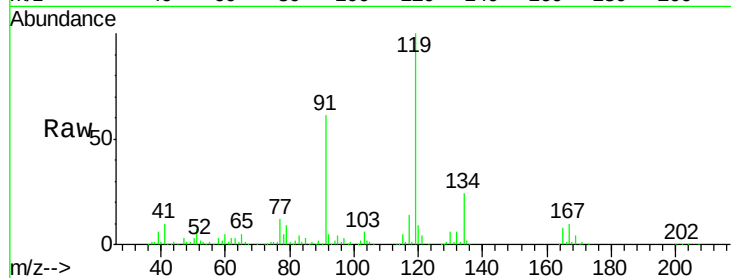




#83
 tert-Butylbenzene
 Concen: 18.683 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

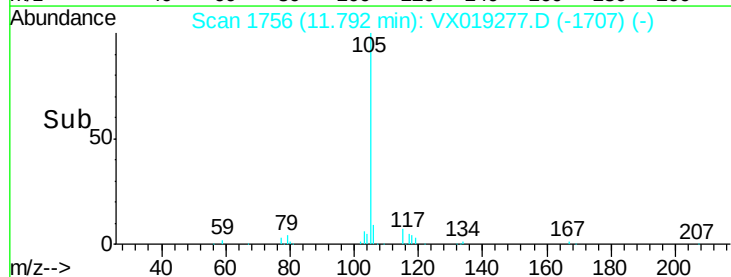
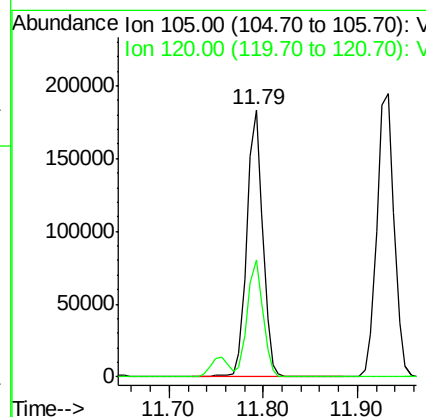
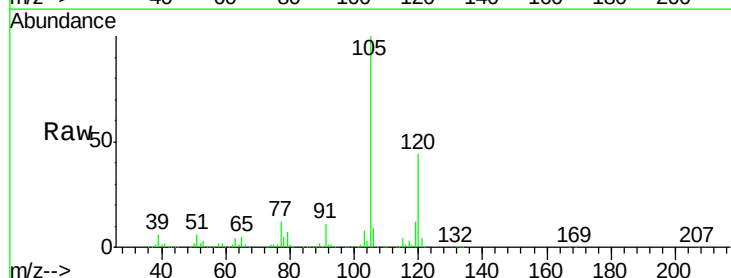
Instrument :
 MSVOA_X
 ClientSampleId :

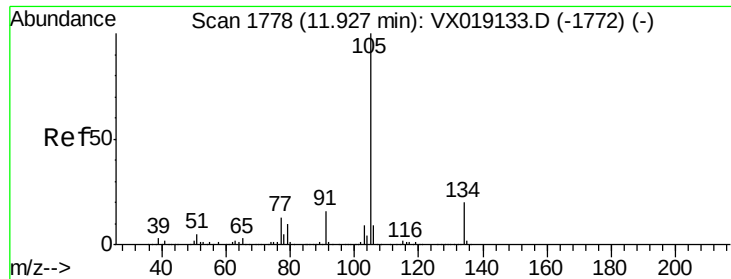
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.6	29.0	87.1
134	23.4	11.7	35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.197 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.3	22.4	67.3





#85

sec-Butylbenzene

Concen: 19.306 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

Instrument :

MSVOA_X

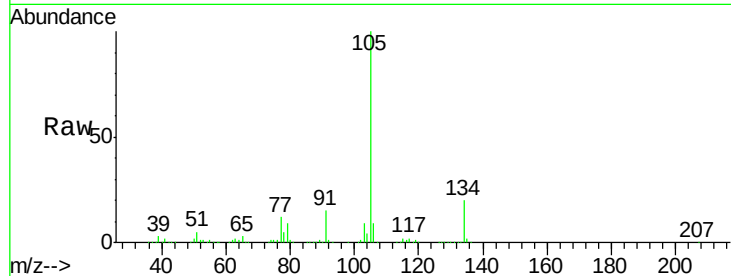
ClientSampled :

Tot Ion:105 Resp: 247092

Ion Ratio Lower Upper

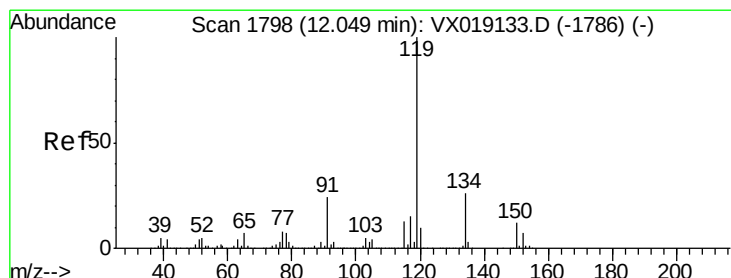
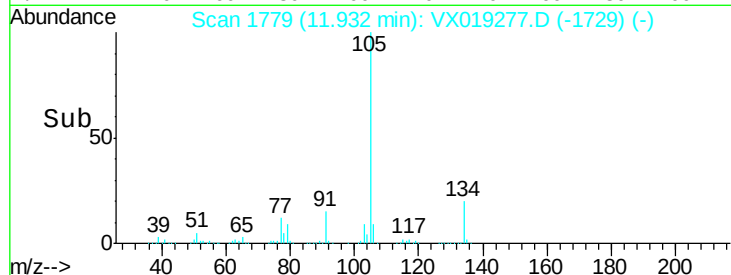
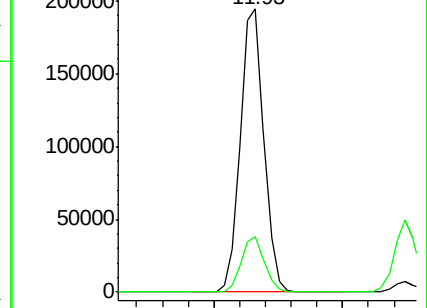
105 100

134 19.4 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: 18.747 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

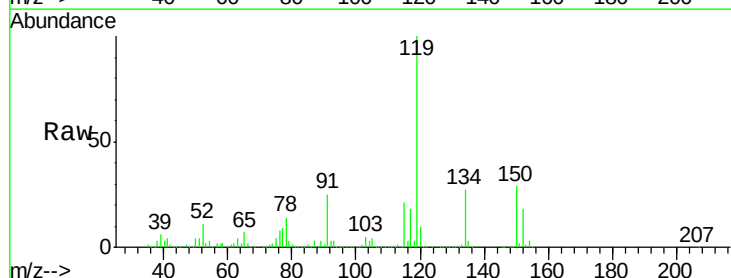
Tgt Ion:119 Resp: 221464

Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.7

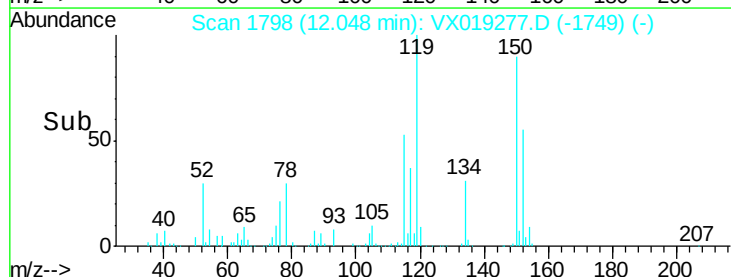
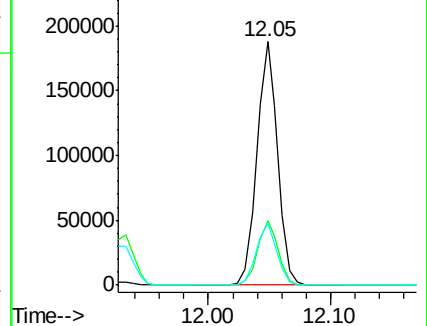
91 25.1 12.0 36.0

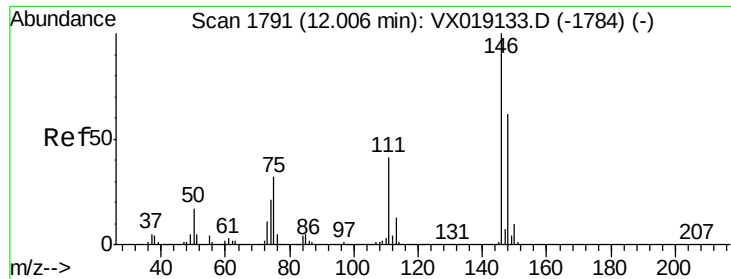


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

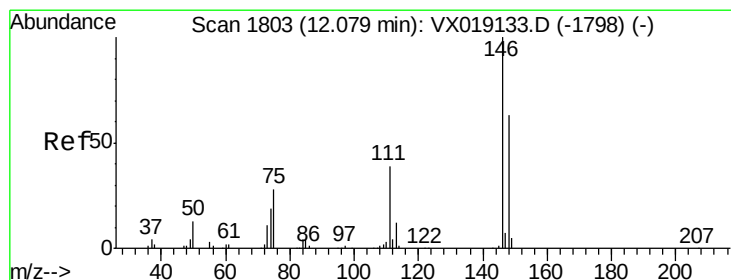
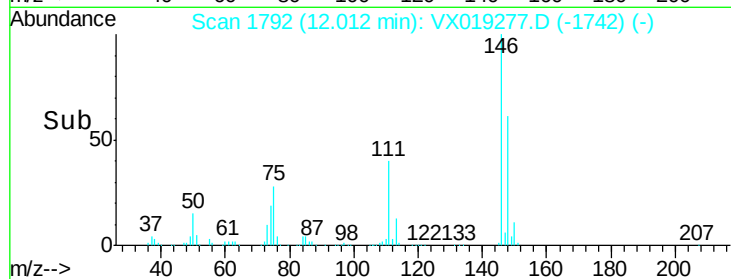
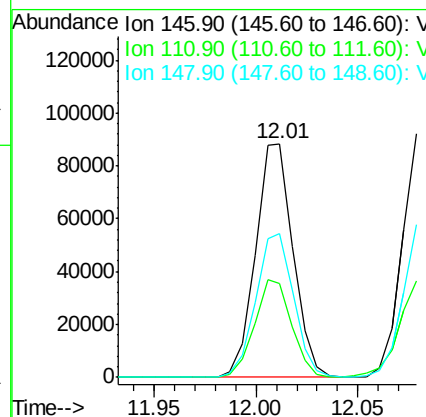
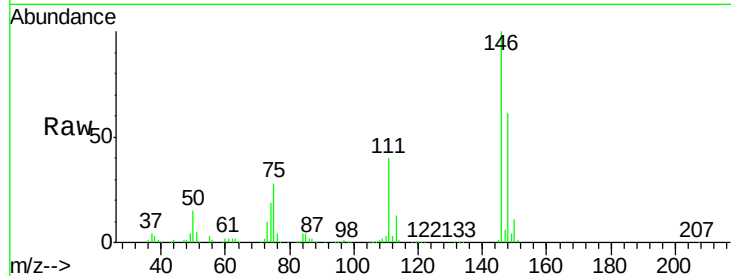




#87
 1,3-Dichlorobenzene
 Concen: 18.588 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

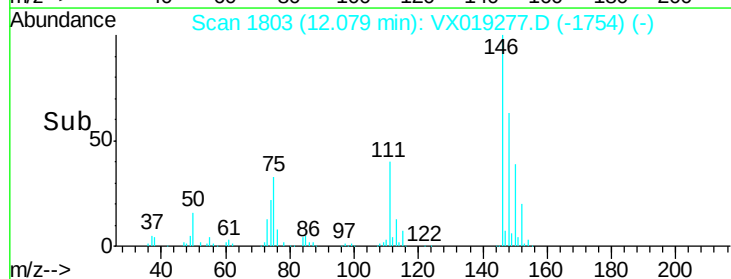
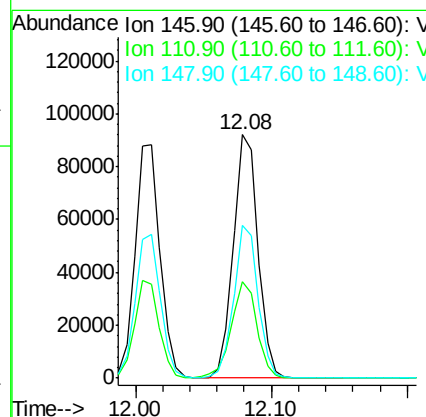
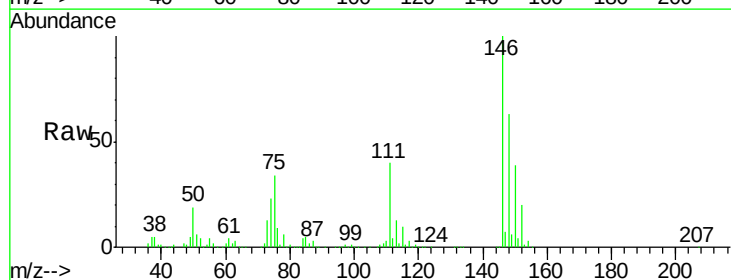
Instrument :
 MSVOA_X
 ClientSampleId :

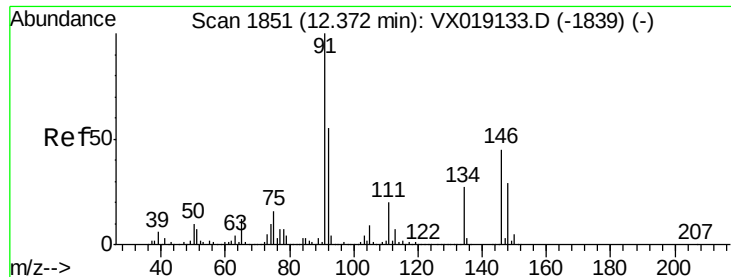
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.4	61.2
148	62.1	31.6	94.8



#88
 1,4-Dichlorobenzene
 Concen: 18.205 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.2	60.5
148	62.2	31.3	93.8





#89

n-Butylbenzene

Concen: 18.386 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

Instrument :

MSVOA_X

ClientSampleId :

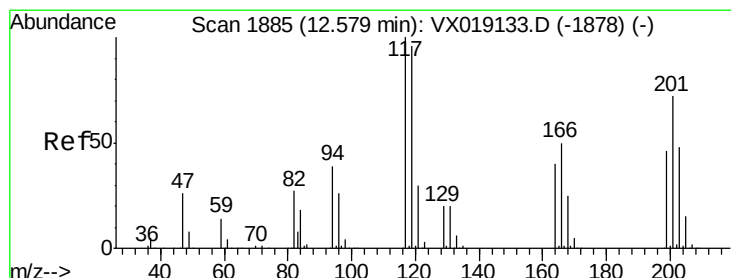
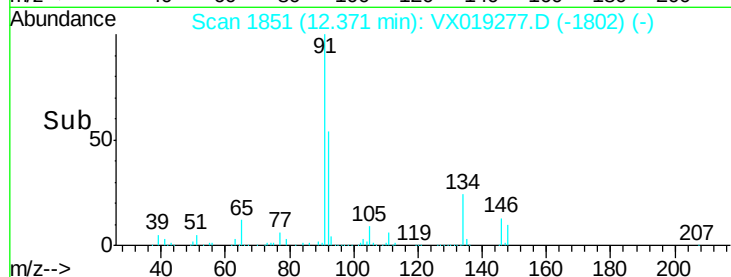
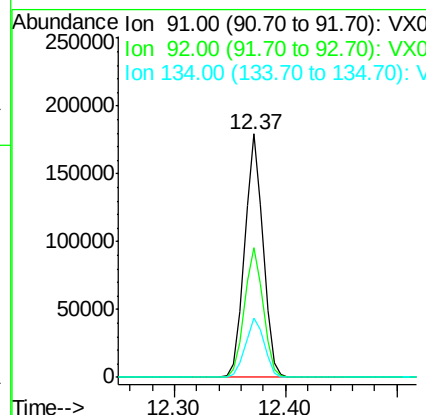
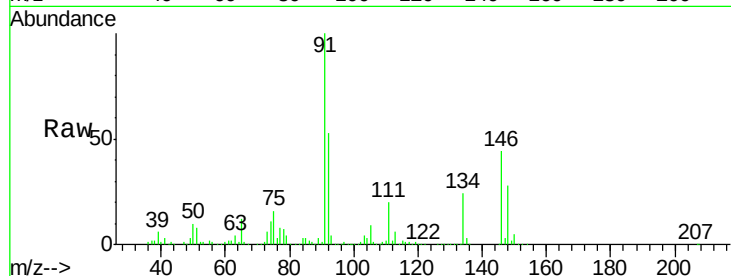
Tot Ion: 91 Resp: 204163

Ion Ratio Lower Upper

91 100

92 54.5 27.5 82.4

134 25.1 13.2 39.6



#90

Hexachloroethane

Concen: 17.634 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019277.D

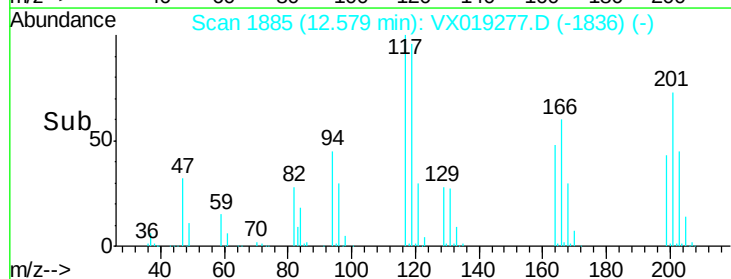
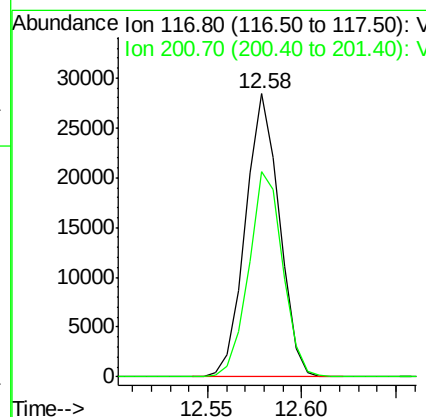
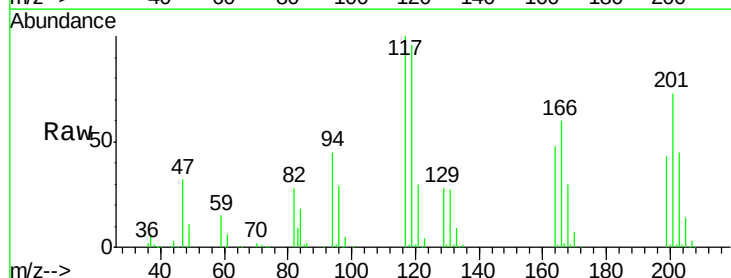
Acq: 04 Nov 2020 18:34

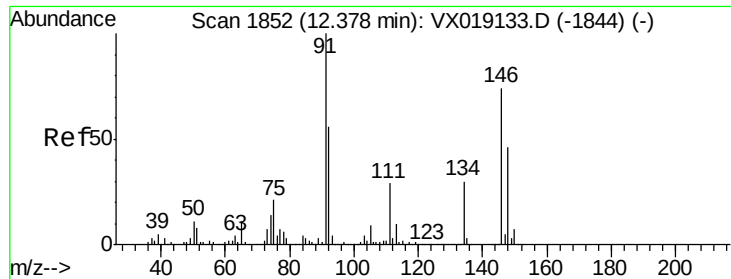
Tgt Ion: 117 Resp: 35407

Ion Ratio Lower Upper

117 100

201 72.7 38.5 115.3

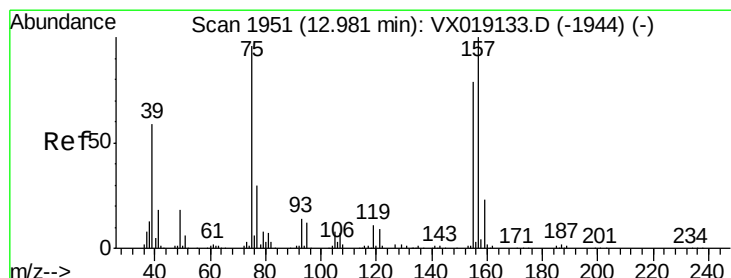
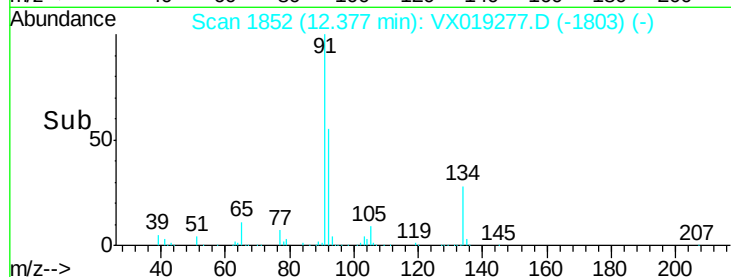
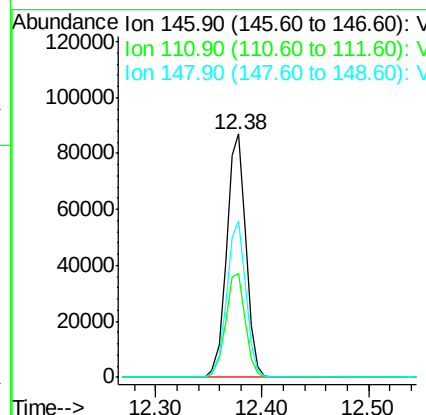
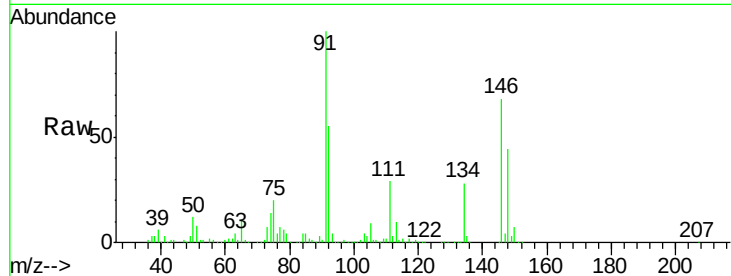




#91
 1,2-Dichlorobenzene
 Concen: 18.753 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

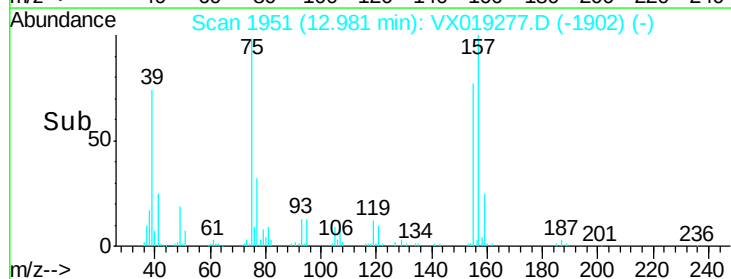
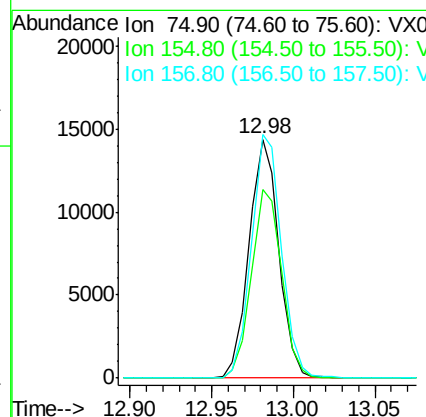
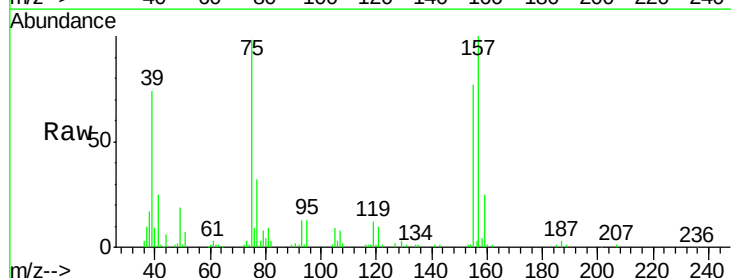
Instrument :
 MSVOA_X
 ClientSampleId :

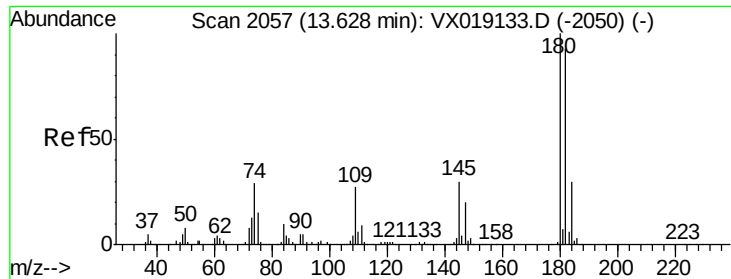
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.2	63.6
148	63.8	31.6	94.7



#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: VX019277.D
 Acq: 04 Nov 2020 18:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.5	42.8	128.4
157	102.8	54.8	164.4

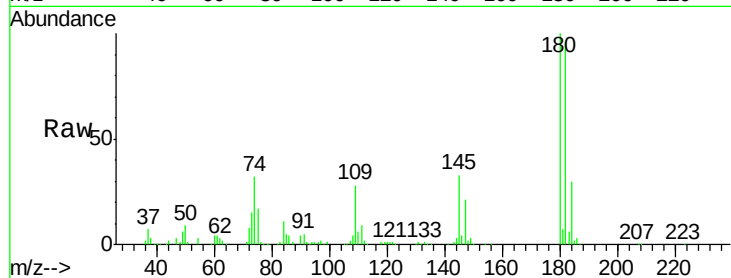




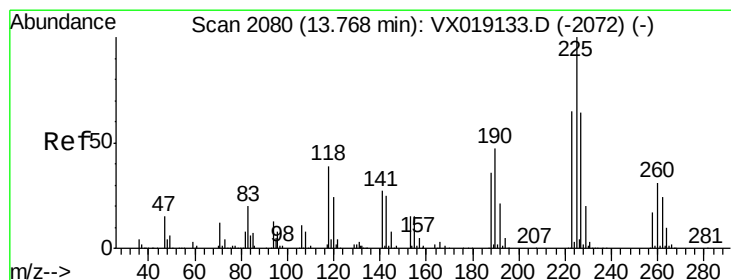
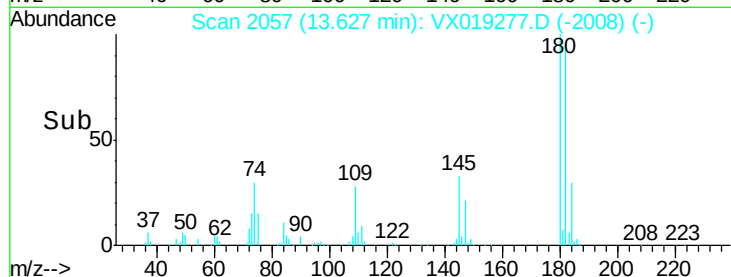
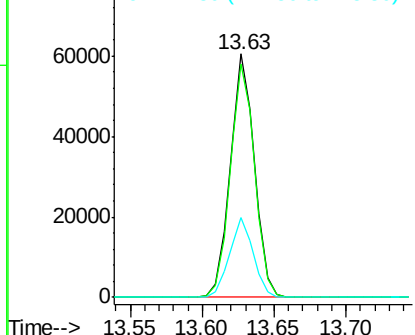
#93
 1,2,4-Trichlorobenzene
 Concen: 16.285 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	46.8	140.3
145	32.2	15.5	46.5

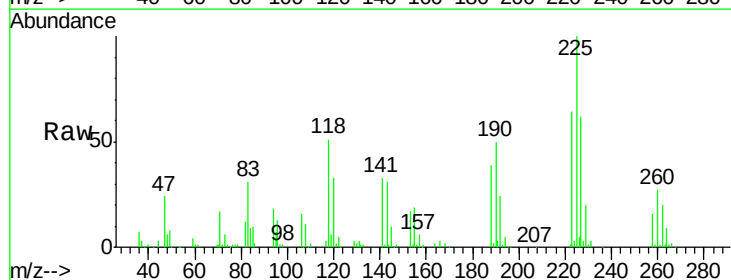


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

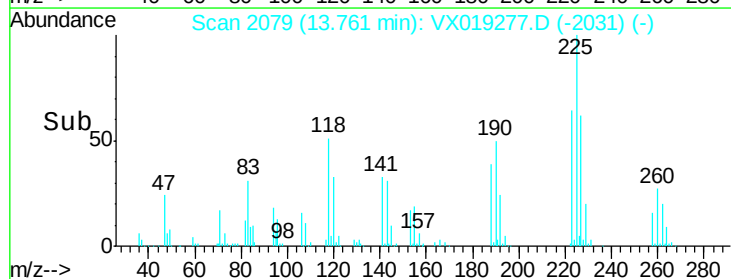
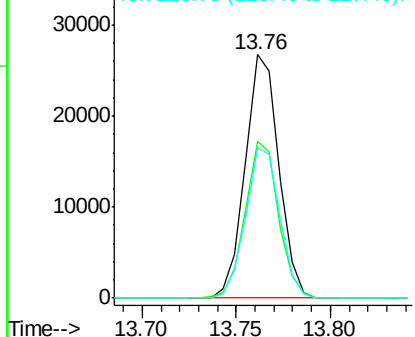


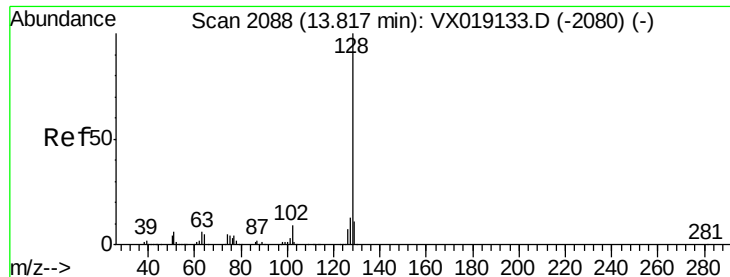
#94
 Hexachlorobutadiene
 Concen: 17.098 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019277.D
 Acq: 04 Nov 2020 18:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	32.4	97.2
227	62.8	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: 16.885 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

Instrument :

MSVOA_X

ClientSampled :

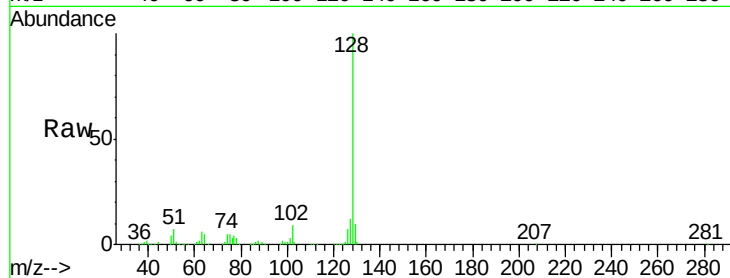
Tot Ion:128 Resp: 233876

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

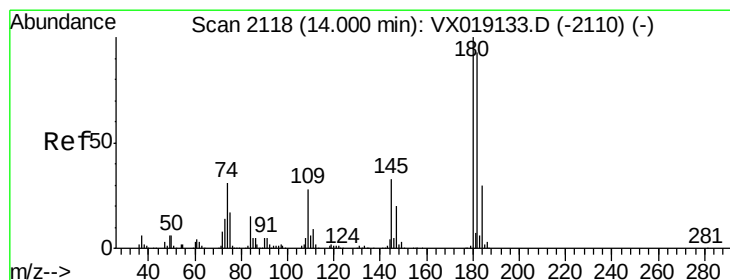
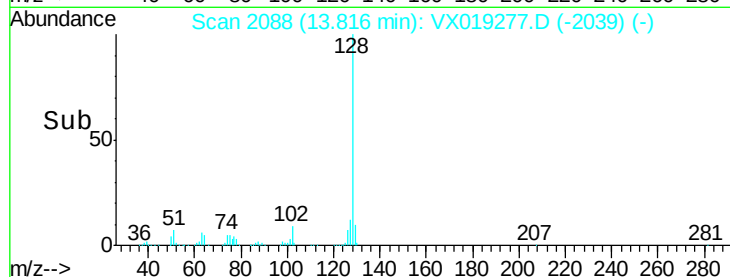
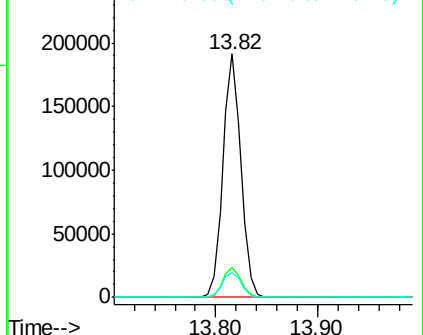
129 10.9 8.6 13.0



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: 16.947 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019277.D

Acq: 04 Nov 2020 18:34

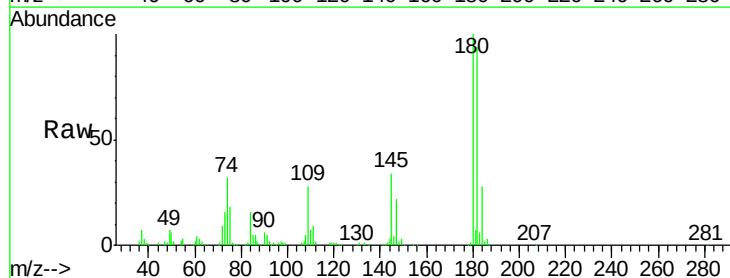
Tgt Ion:180 Resp: 72303

Ion Ratio Lower Upper

180 100

182 92.4 47.8 143.3

145 33.3 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

