

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062220\
 Data File : VX016927.D
 Acq On : 22 Jun 2020 18:07
 Operator : JC/SP
 Sample : L3032-23DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-27DL

Quant Time: Jun 23 07:57:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	331012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	551750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	499955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	266413	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	189119	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
35) Dibromofluoromethane	5.46	113	168130	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
50) Toluene-d8	8.70	98	594597	42.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.22%	
62) 4-Bromofluorobenzene	11.12	95	256078	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	

Target Compounds

						Qvalue
3) Chloromethane	1.31	50	1074	0.261	ug/l	95
5) Bromomethane	1.62	94	920	0.329	ug/l	97
6) Chloroethane	1.69	64	849	0.297	ug/l #	55
10) Methyl Iodide	2.49	142	1418	0.431	ug/l #	92
11) Tert butyl alcohol	3.00	59	3367	5.003	ug/l #	72
13) Acrolein	2.28	56	472	1.157	ug/l #	15
15) Acrylonitrile	3.12	53	833	0.540	ug/l #	80
16) Acetone	2.42	43	17844	12.347	ug/l	96
17) Carbon Disulfide	2.54	76	3210	0.351	ug/l #	78
18) Methyl Acetate	2.75	43	971	0.264	ug/l #	75
20) Methylene Chloride	2.82	84	1420	0.410	ug/l #	84
25) 2-Butanone	4.64	43	16365	8.228	ug/l	98
29) Tetrahydrofuran	5.10	42	716	0.572	ug/l #	54
31) Cyclohexane	5.55	56	50447	10.247	ug/l	97
36) 1,1-Dichloropropene	5.63	75	22433	4.403	ug/l #	48
37) Ethyl Acetate	4.64	43	16365	3.636	ug/l #	66
38) Carbon Tetrachloride	5.63	117	30656	5.363	ug/l #	15
39) Methylcyclohexane	7.44	83	73685	12.439	ug/l	98
43) Isopropyl Acetate	6.42	43	2205	0.281	ug/l #	57
48) Methyl methacrylate	7.71	41	4336	1.171	ug/l #	57
51) 4-Methyl-2-Pentanone	8.66	43	2030	0.429	ug/l #	33
52) Toluene	8.76	92	8482	0.836	ug/l	99
55) 1,1,2-Trichloroethane	9.15	97	7917	2.068	ug/l #	22
56) Ethyl methacrylate	9.15	69	2266	0.409	ug/l #	25
59) 2-Hexanone	9.48	43	2110	0.616	ug/l	89
65) Chlorobenzene	10.12	112	2491	0.246	ug/l #	88
67) Ethyl Benzene	10.24	91	1167422	68.344	ug/l	100
68) m/p-Xylenes	10.35	106	150900	22.702	ug/l	99
69) o-Xylene	10.69	106	1513	0.246	ug/l	91
73) Isopropylbenzene	11.00	105	93315	5.440	ug/l	99
76) 1,2,3-Trichloropropane	11.12	75	120597	24.786	ug/l #	37
78) n-propylbenzene	11.34	91	308174	16.098	ug/l	100
79) 2-Chlorotoluene	11.44	91	21408	1.828	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.49	105	119131	8.050	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

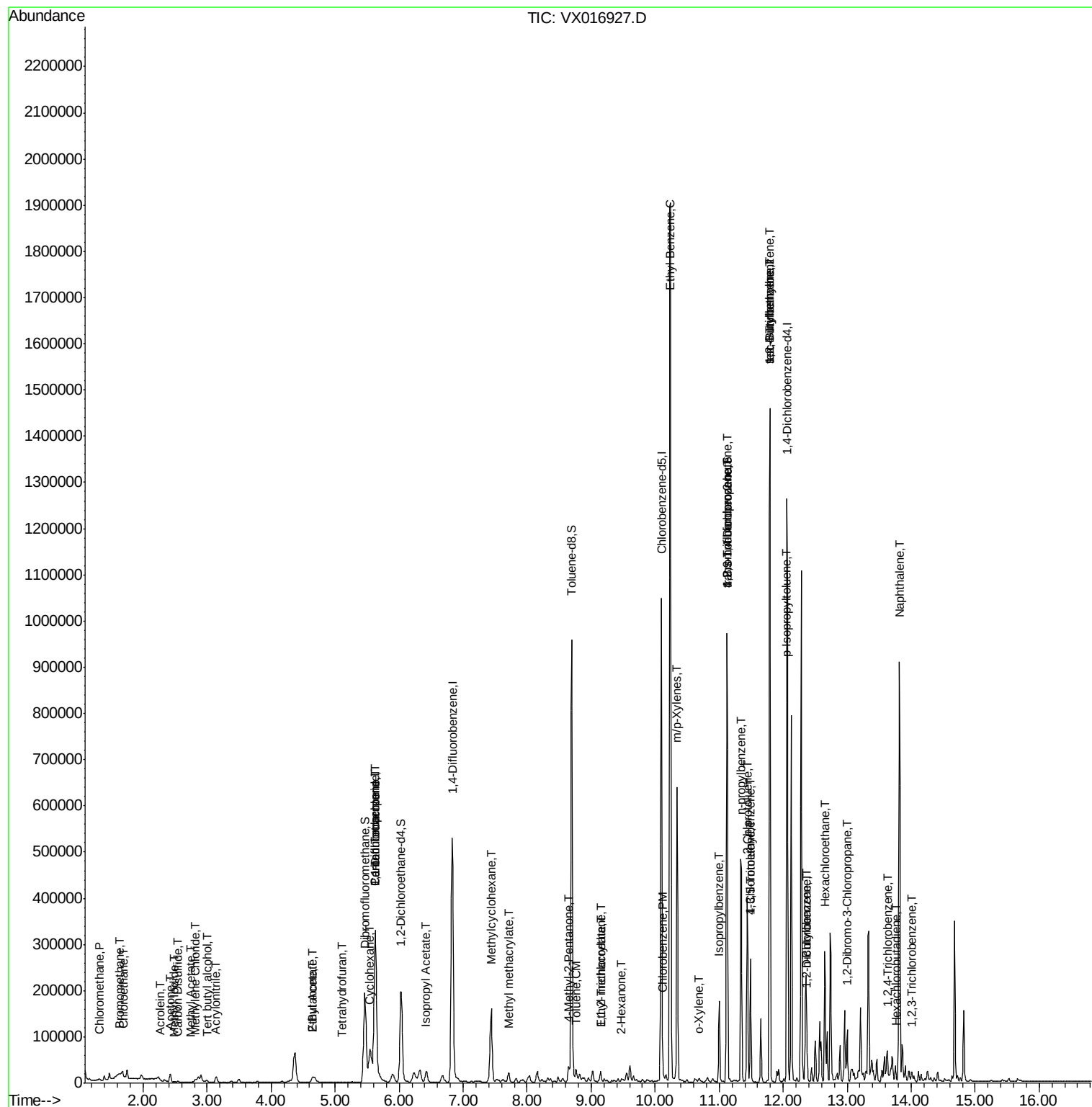
81) trans-1,4-Dichloro-2-buten	11.12	75	120597	60.697	ug/l #	14
82) 4-Chlorotoluene	11.49	91	13222	0.941	ug/l #	53
83) tert-Butylbenzene	11.79	119	80652	5.508	ug/l #	64
84) 1,2,4-Trimethylbenzene	11.79	105	638816	41.903	ug/l	98
85) sec-Butylbenzene	11.79	105	638816	37.563	ug/l #	55
86) p-Isopropyltoluene	12.05	119	8164	0.524	ug/l	89
89) n-Butylbenzene	12.37	91	47157	3.529	ug/l #	47
90) Hexachloroethane	12.65	117	10907	3.886	ug/l #	5
91) 1,2-Dichlorobenzene	12.38	146	1908	0.231	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	507	0.441	ug/l #	2
93) 1,2,4-Trichlorobenzene	13.63	180	1963	0.354	ug/l #	55
94) Hexachlorobutadiene	13.77	225	906	0.362	ug/l	85
95) Naphthalene	13.82	128	537466	33.043	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	1427	0.258	ug/l #	67

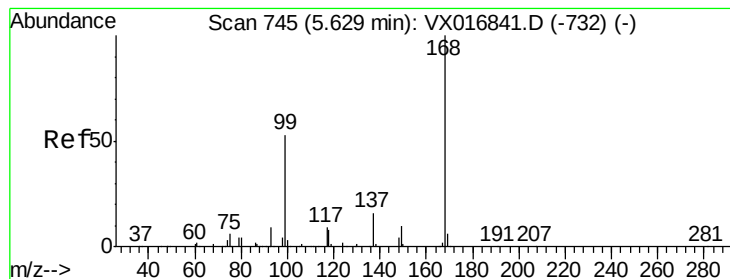
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

ClientSampleId :

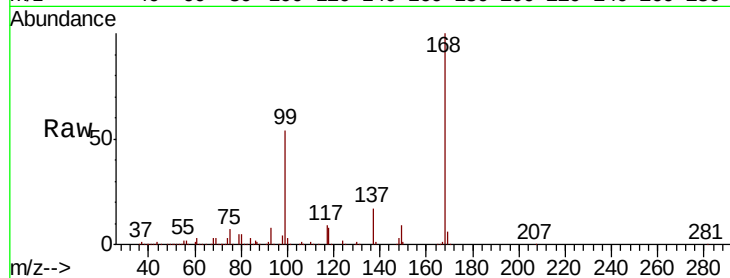
MW-27DL

Tot Ion:168 Resp: 331012

Ion Ratio Lower Upper

168 100

99 54.3 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

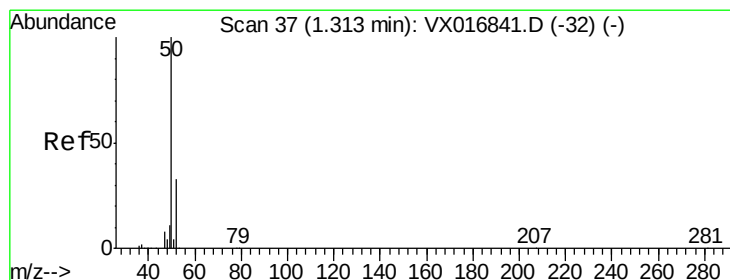
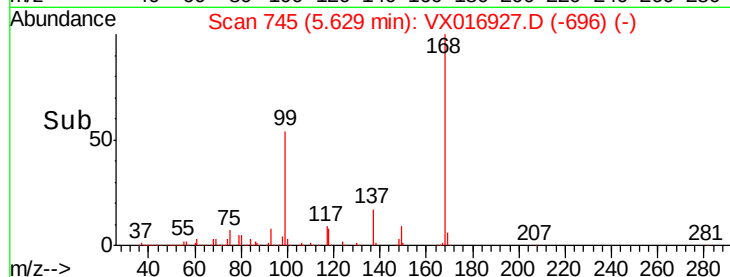
100000

50000

0

Time-->

5.50 5.60 5.70



#3

Chloromethane

Concen: 0.261 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016927.D

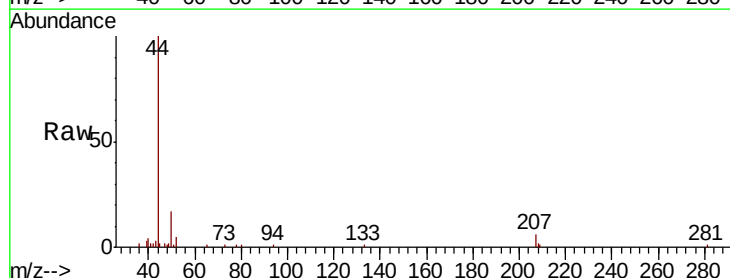
Acq: 22 Jun 2020 18:07

Tgt Ion: 50 Resp: 1074

Ion Ratio Lower Upper

50 100

52 29.9 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

1000

800

600

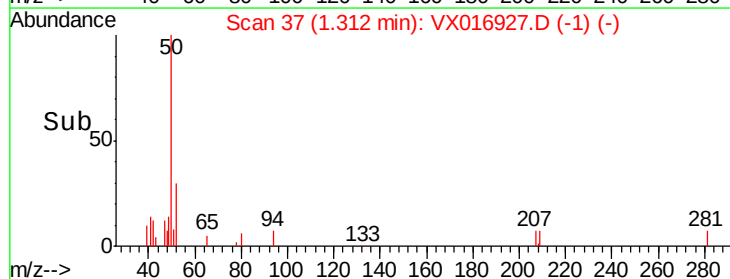
400

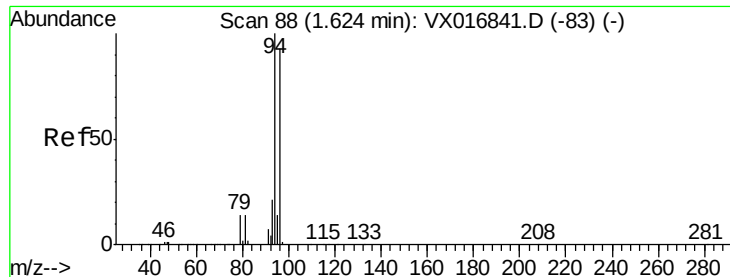
200

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.329 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

ClientSampleId :

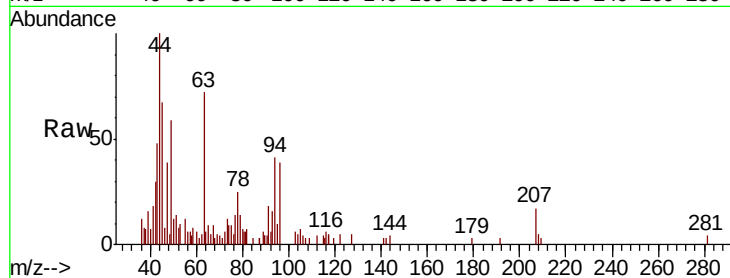
MW-27DL

Tot Ion: 94 Resp: 920

Ion Ratio Lower Upper

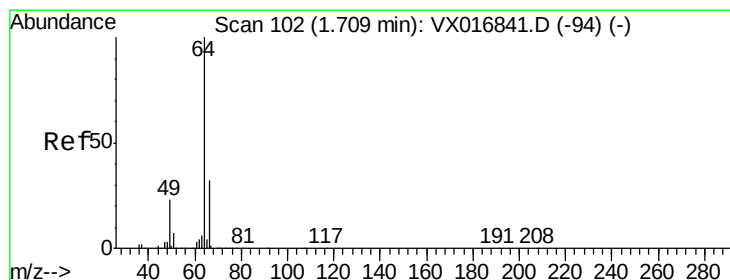
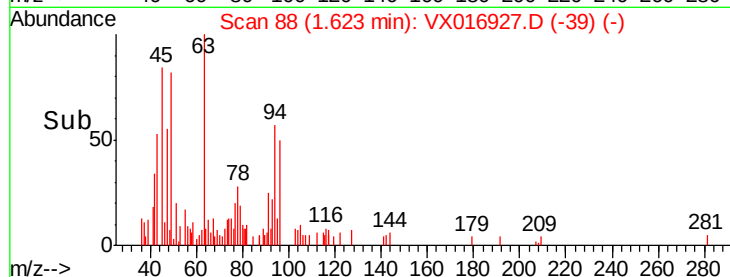
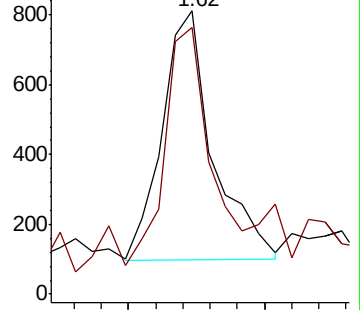
94 100

96 95.8 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.297 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.02 min

Lab File: VX016927.D

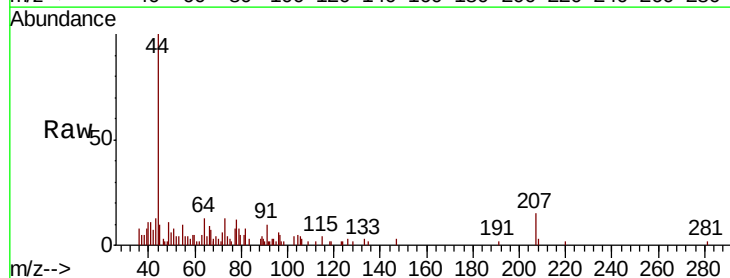
Acq: 22 Jun 2020 18:07

Tgt Ion: 64 Resp: 849

Ion Ratio Lower Upper

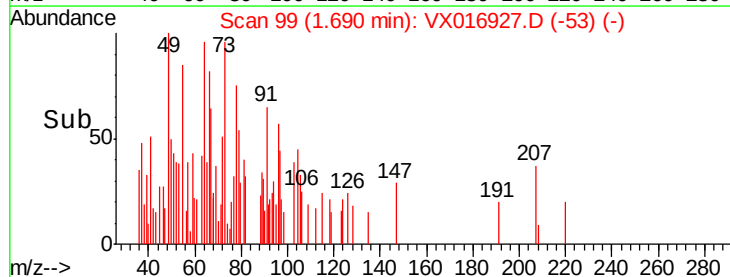
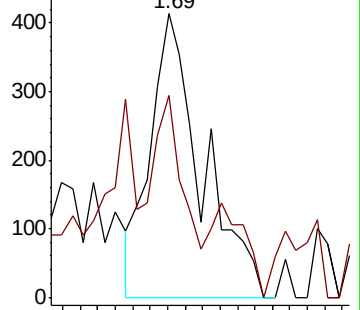
64 100

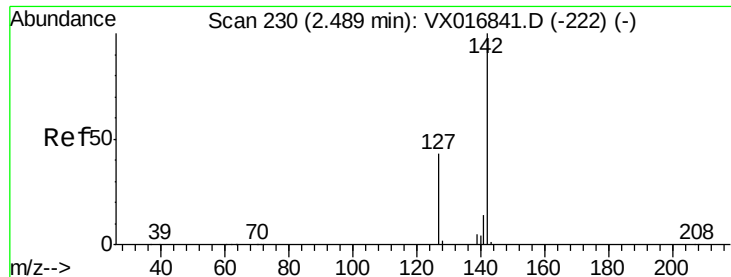
66 57.1 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#10

Methyl Iodide

Concen: 0.431 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

ClientSampleId :

MW-27DL

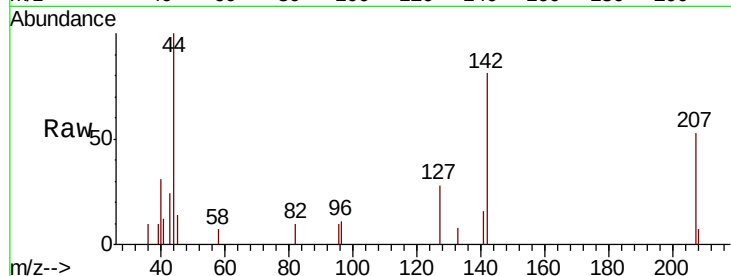
Tot Ion:142 Resp: 1418

Ion Ratio Lower Upper

142 100

127 39.6 35.1 52.7

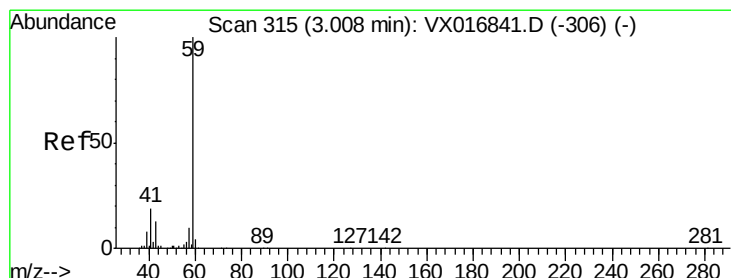
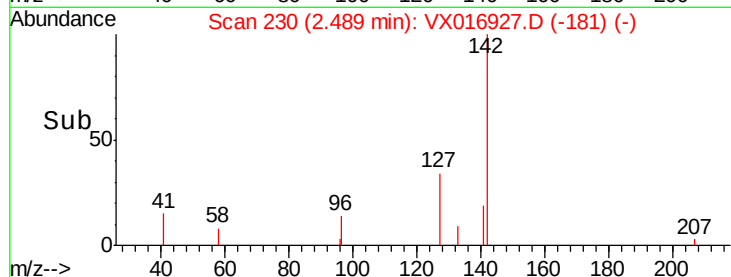
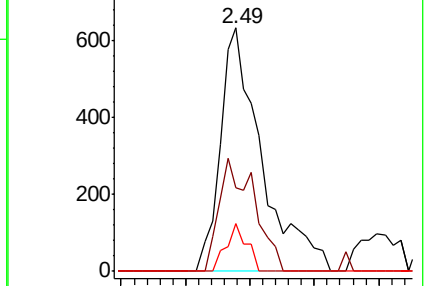
141 9.9 11.6 17.4#



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: 5.003 ug/l

RT: 3.00 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX016927.D

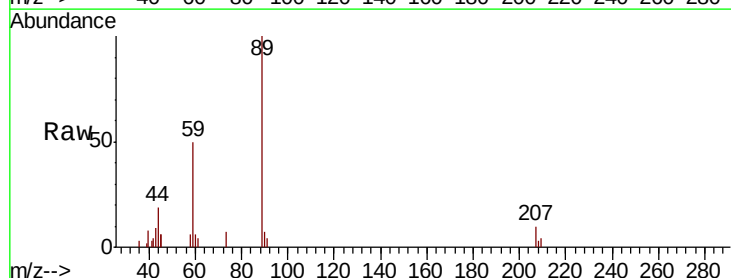
Acq: 22 Jun 2020 18:07

Tgt Ion: 59 Resp: 3367

Ion Ratio Lower Upper

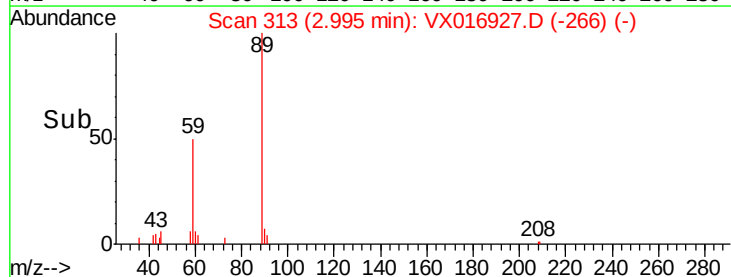
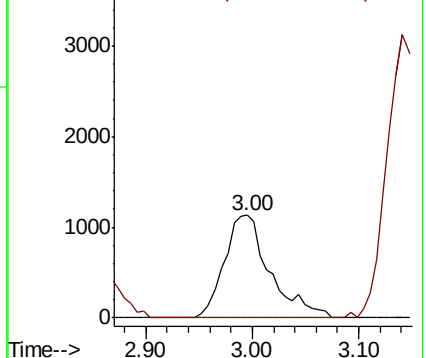
59 100

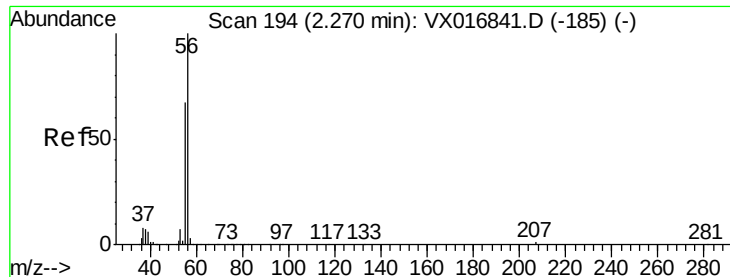
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 1.157 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

ClientSampleId :

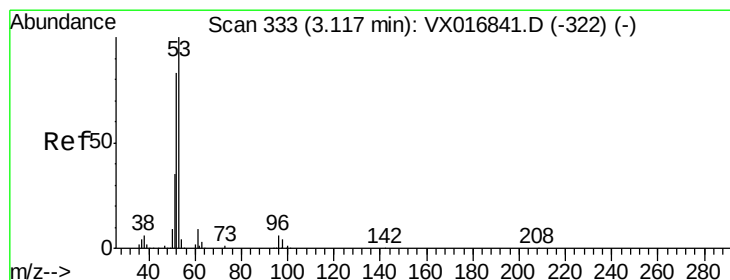
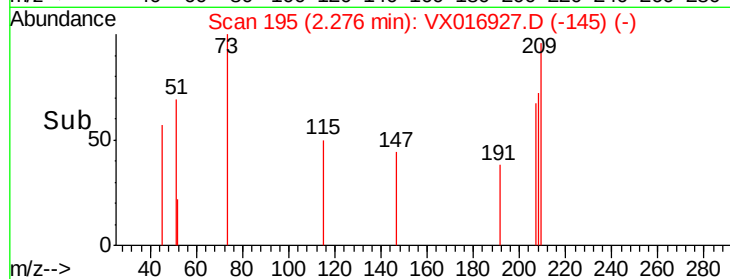
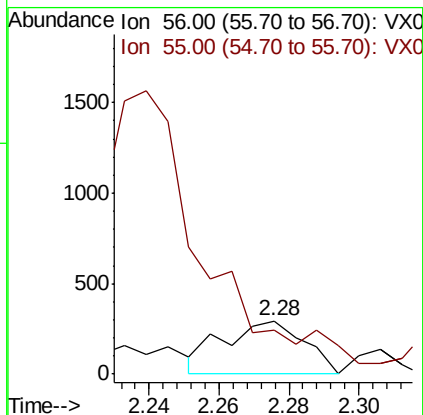
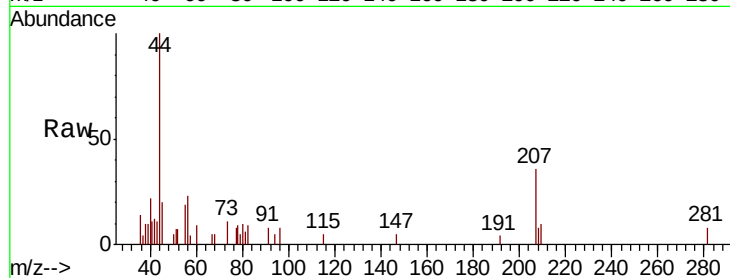
MW-27DL

Tot Ion: 56 Resp: 472

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#



#15

Acrylonitrile

Concen: 0.540 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

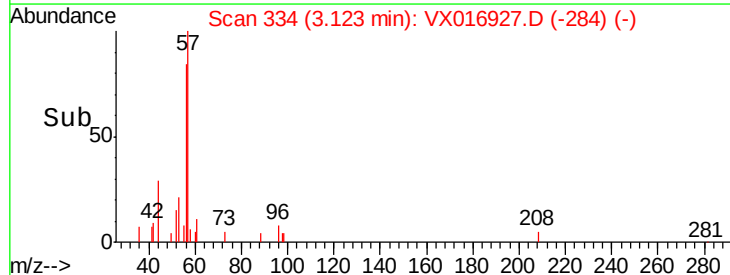
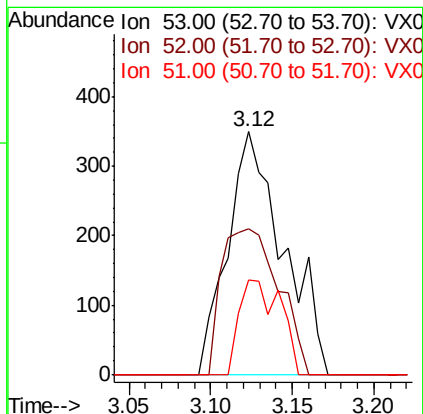
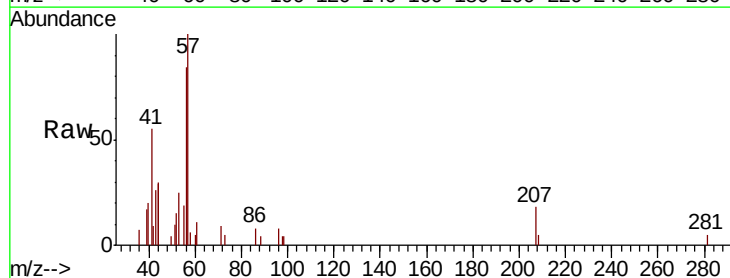
Tgt Ion: 53 Resp: 833

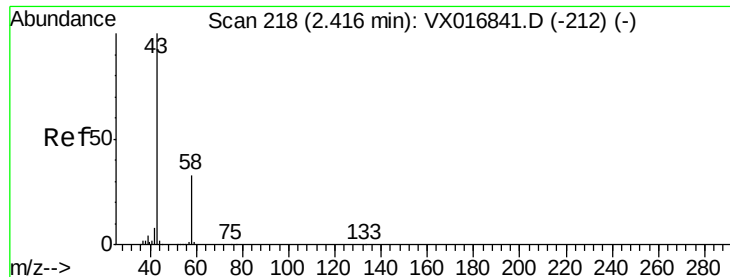
Ion Ratio Lower Upper

53 100

52 61.8 66.2 99.2#

51 28.3 28.7 43.1#





#16

Acetone

Concen: 12.347 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

ClientSampleId :

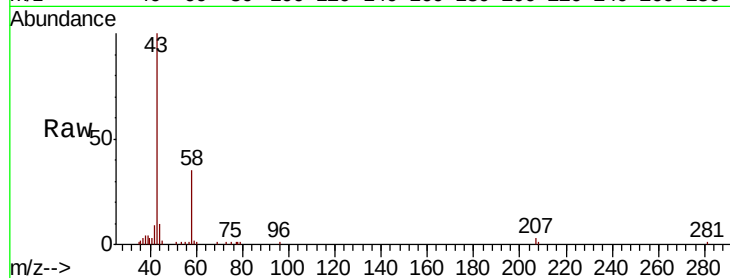
MW-27DL

Tot Ion: 43 Resp: 17844

Ion Ratio Lower Upper

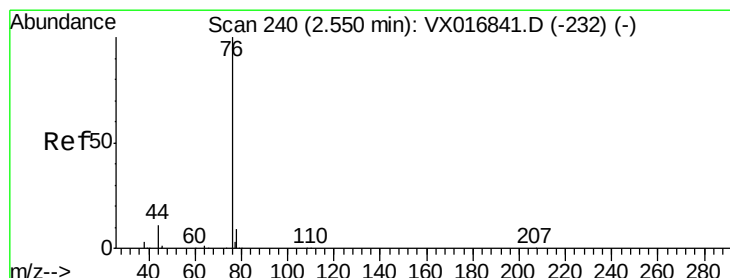
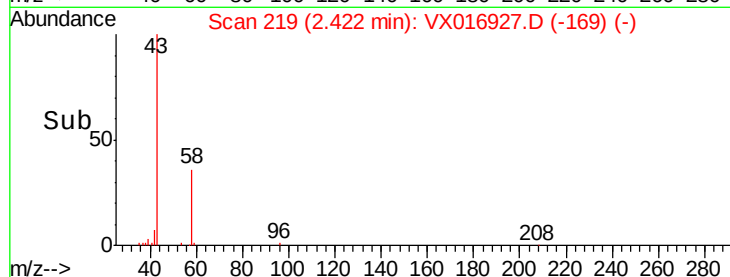
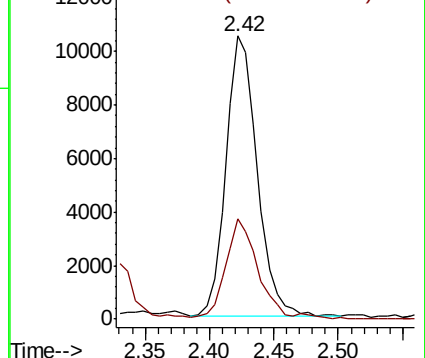
43 100

58 35.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.351 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016927.D

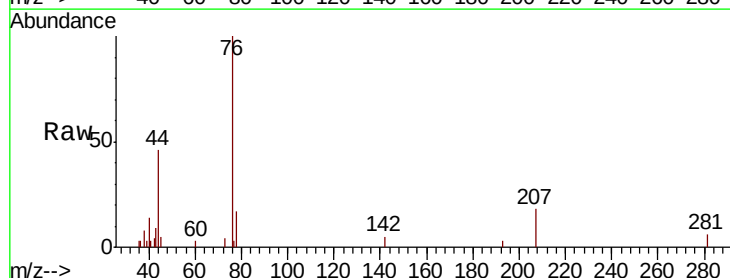
Acq: 22 Jun 2020 18:07

Tgt Ion: 76 Resp: 3210

Ion Ratio Lower Upper

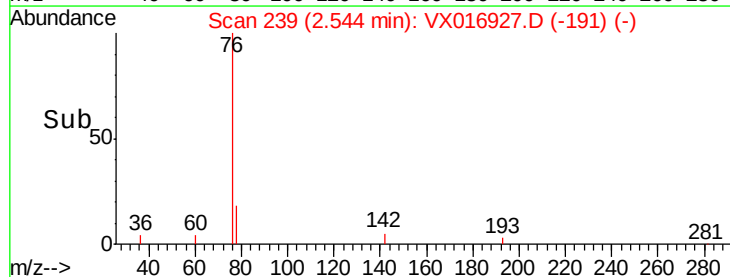
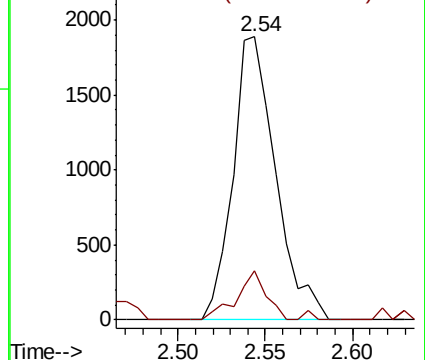
76 100

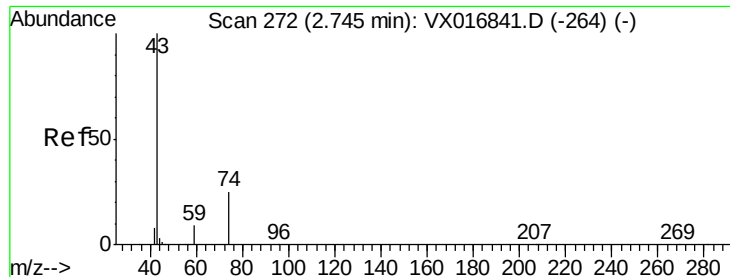
78 17.5 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

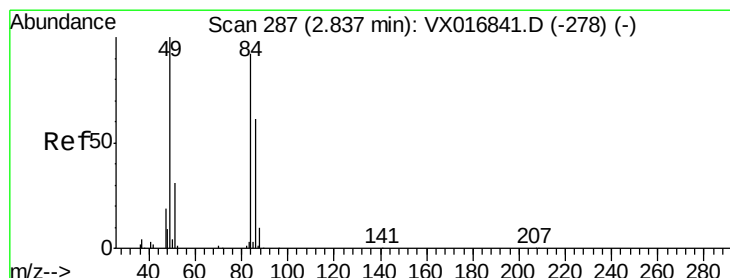
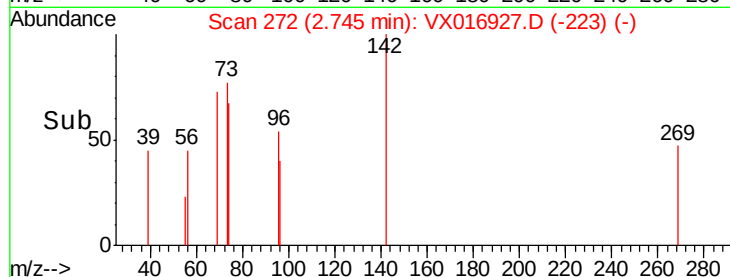
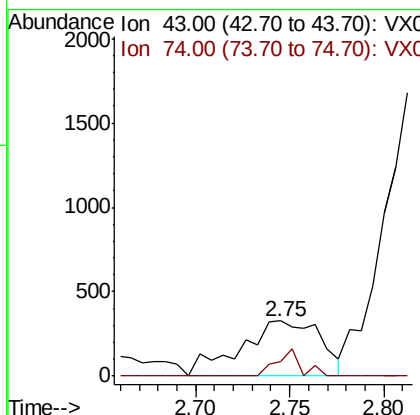
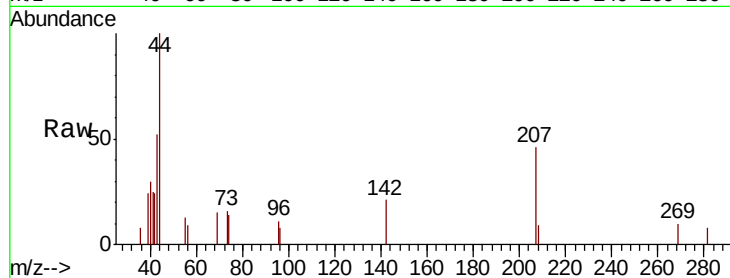




#18
Methvl Acetate
Concen: 0.264 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016927.D
Acq: 22 Jun 2020 18:07

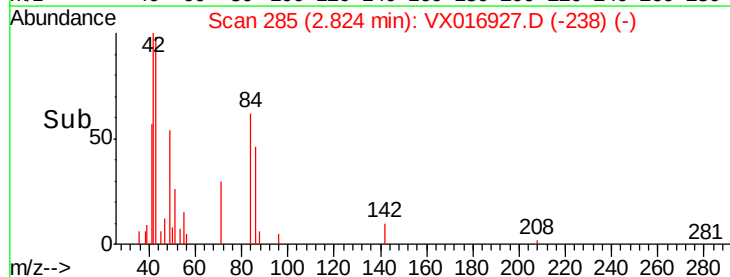
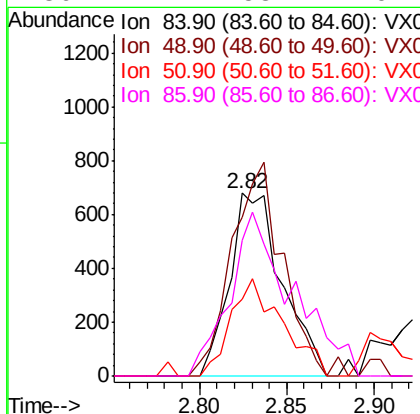
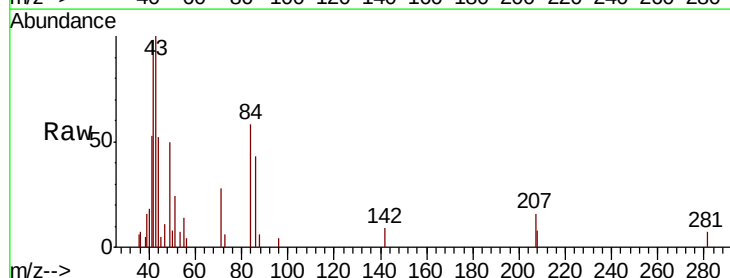
Instrument :
MSVOA_X
ClientSampleId :
MW-27DL

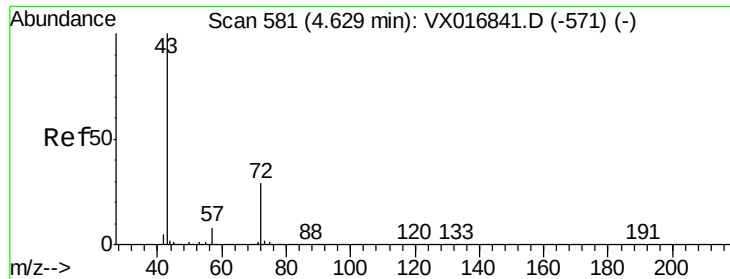
Tot Ion: 43 Resp: 971
Ion Ratio Lower Upper
43 100
74 14.3 21.8 32.8#



#20
Methylene Chloride
Concen: 0.410 ug/l
RT: 2.82 min Scan# 285
Delta R.T. -0.01 min
Lab File: VX016927.D
Acq: 22 Jun 2020 18:07

Tgt Ion: 84 Resp: 1420
Ion Ratio Lower Upper
84 100
49 86.6 86.6 129.8
51 41.7 27.1 40.7#
86 74.2 53.1 79.7





#25

2-Butanone

Concen: 8.228 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

ClientSampleId :

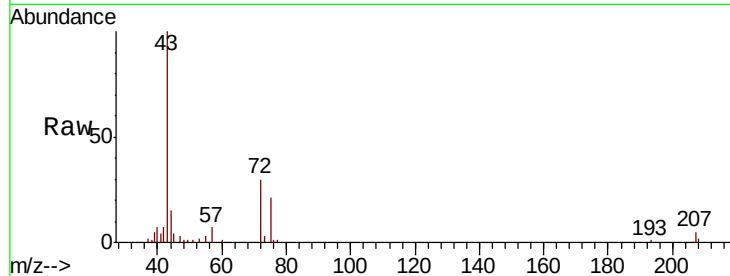
MW-27DL

Tot Ion: 43 Resp: 16365

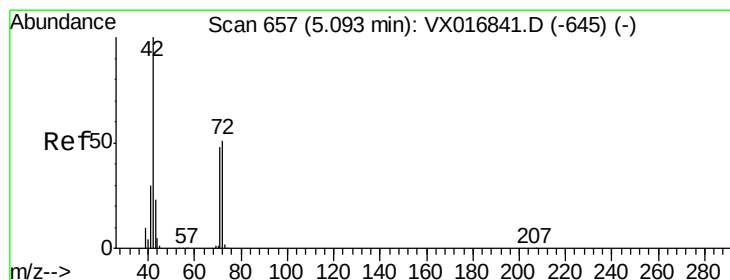
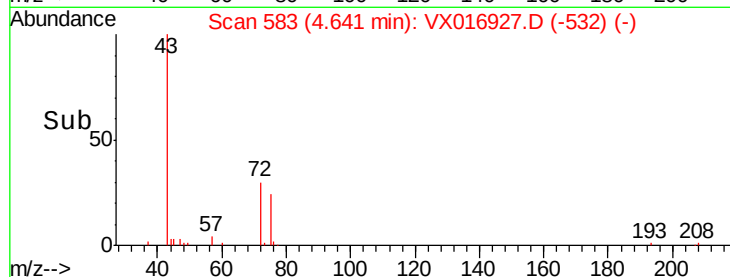
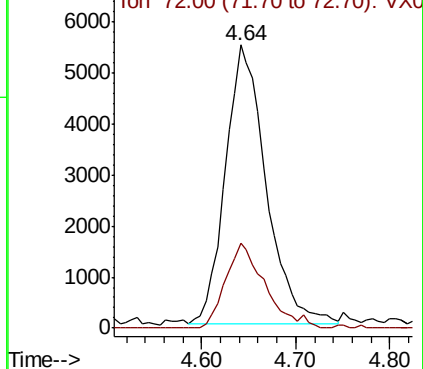
Ion Ratio Lower Upper

43 100

72 30.5 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0



#29

Tetrahydrofuran

Concen: 0.572 ug/l

RT: 5.10 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

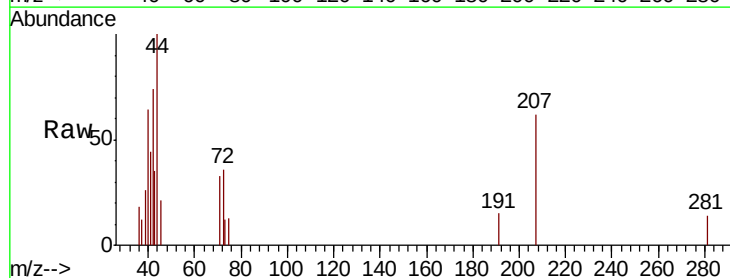
Tgt Ion: 42 Resp: 716

Ion Ratio Lower Upper

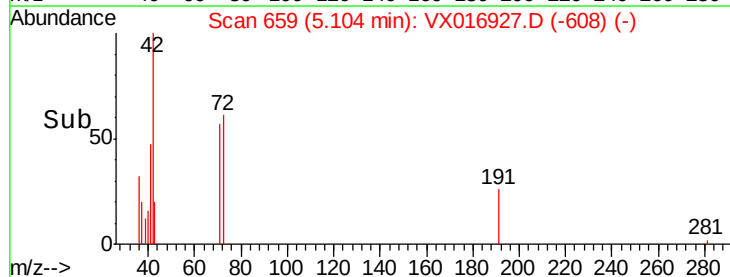
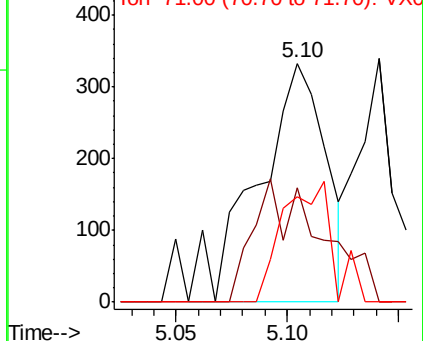
42 100

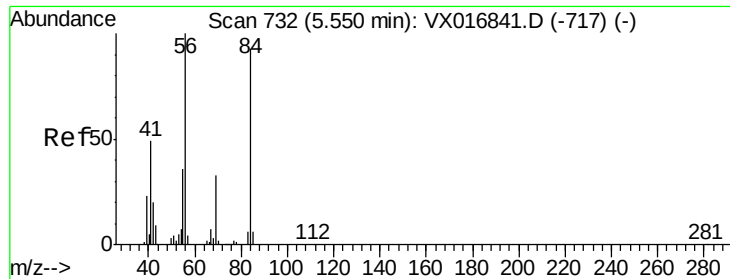
72 0.0 41.1 61.7#

71 36.6 38.4 57.6#



Abundance Ion 42.00 (41.70 to 42.70): VX0

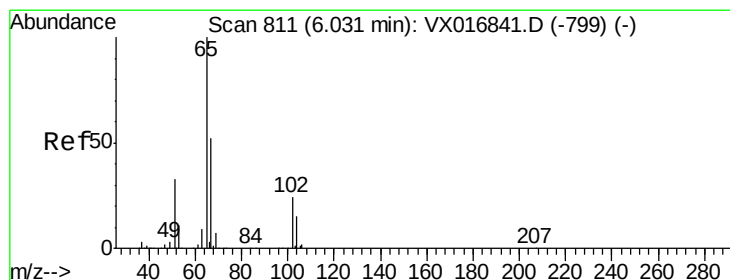
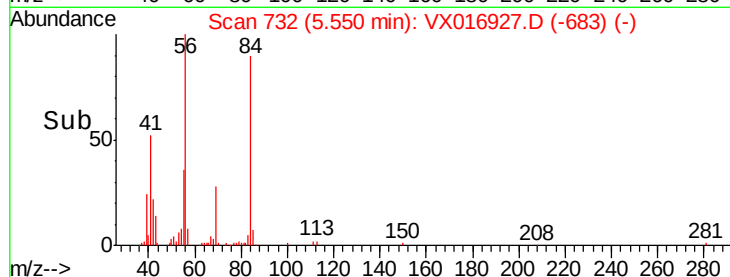
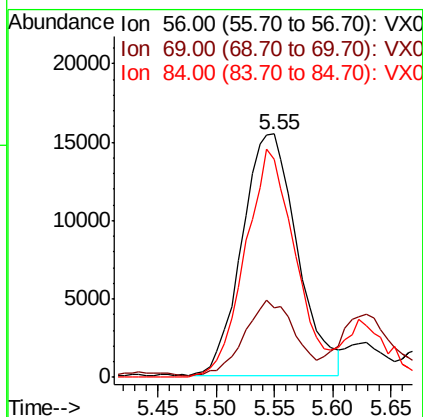
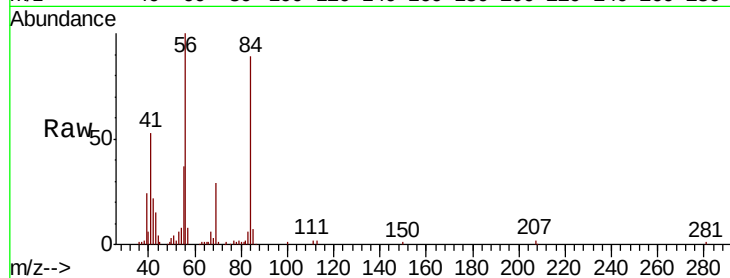




#31
Cyclohexane
Concen: 10.247 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016927.D
Acq: 22 Jun 2020 18:07

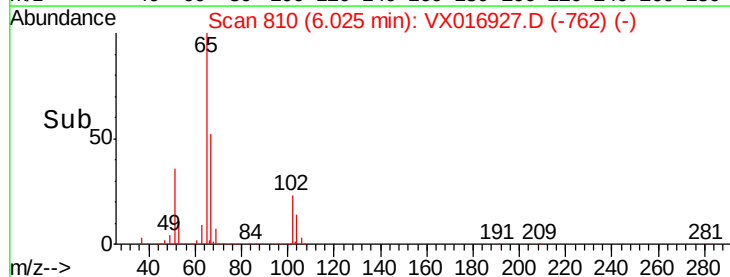
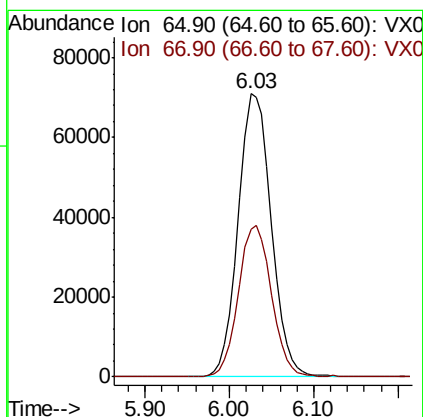
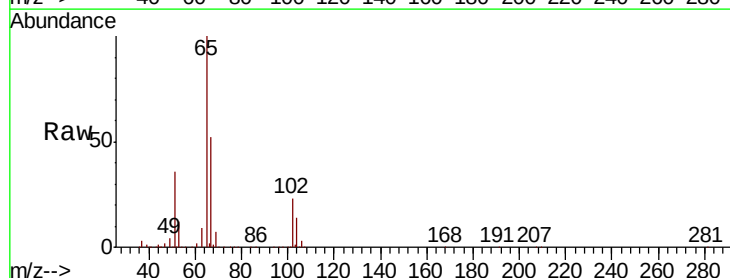
Instrument :
MSVOA_X
ClientSampleId :
MW-27DL

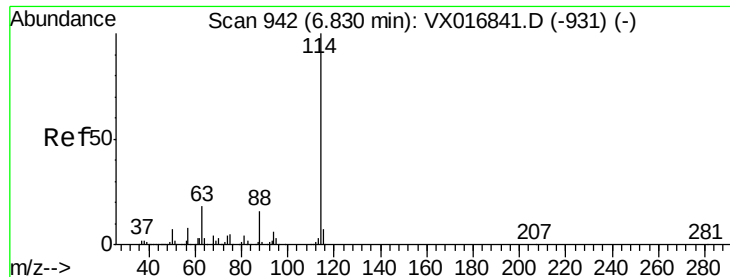
Tot Ion: 56 Resp: 50447
Ion Ratio Lower Upper
56 100
69 28.0 26.1 39.1
84 89.8 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 47.505 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX016927.D
Acq: 22 Jun 2020 18:07

Tgt Ion: 65 Resp: 189119
Ion Ratio Lower Upper
65 100
67 53.3 0.0 102.6

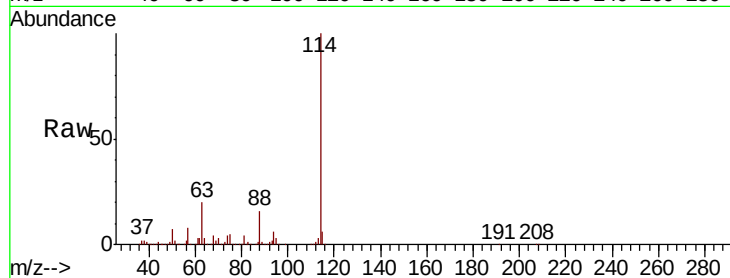




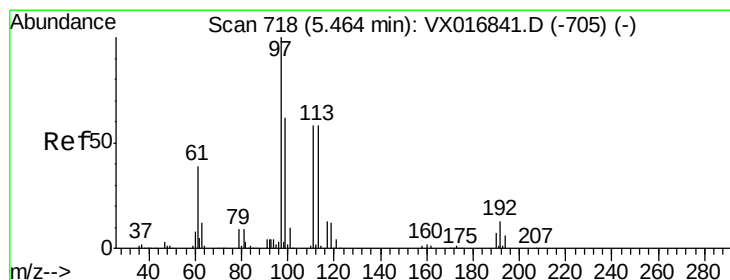
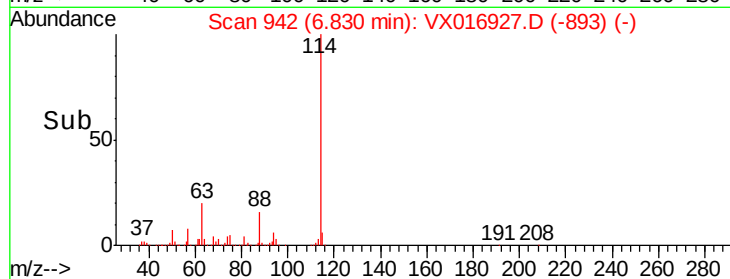
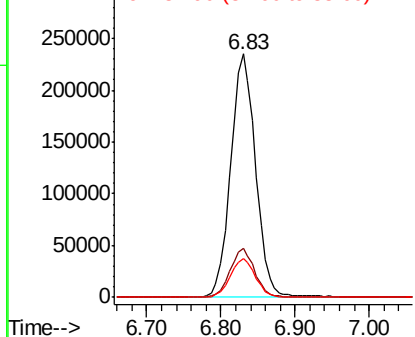
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX016927.D
Acq: 22 Jun 2020 18:07

Instrument :
MSVOA_X
ClientSampleId :
MW-27DL

Tot Ion:114 Resp: 551750
Ion Ratio Lower Upper
114 100
63 20.1 0.0 37.0
88 16.0 0.0 32.0

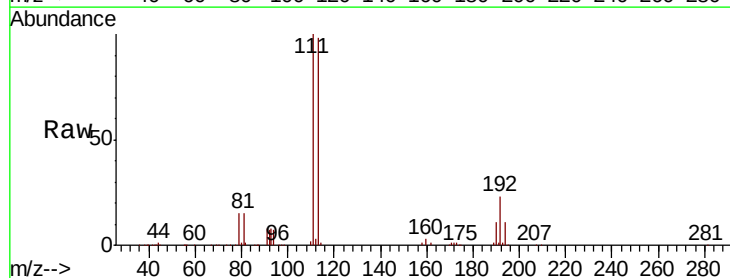


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

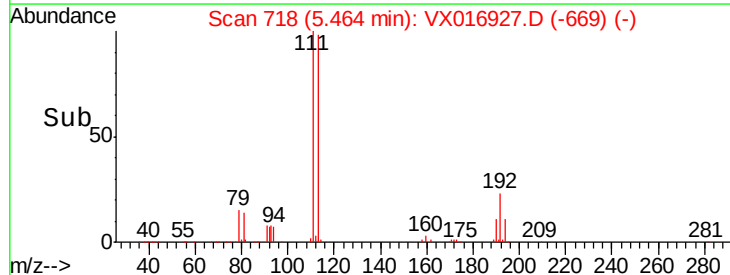
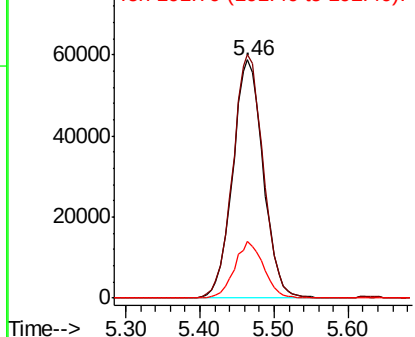


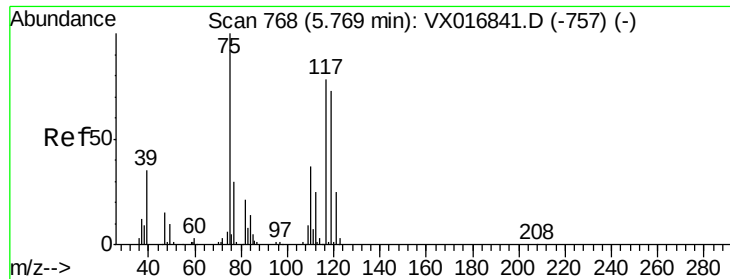
#35
Dibromofluoromethane
Concen: 47.635 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016927.D
Acq: 22 Jun 2020 18:07

Tgt Ion:113 Resp: 168130
Ion Ratio Lower Upper
113 100
111 102.4 81.0 121.4
192 22.8 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.403 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

ClientSampled :

MW-27DL

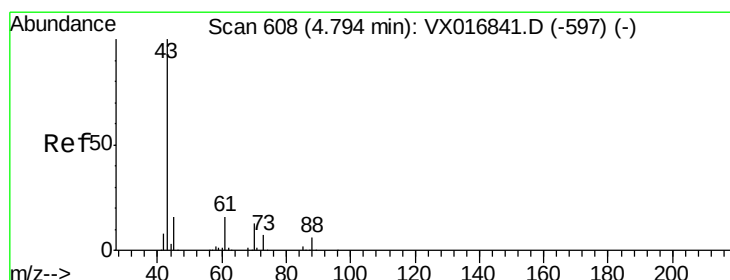
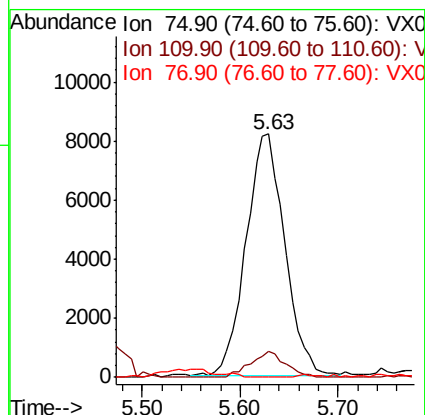
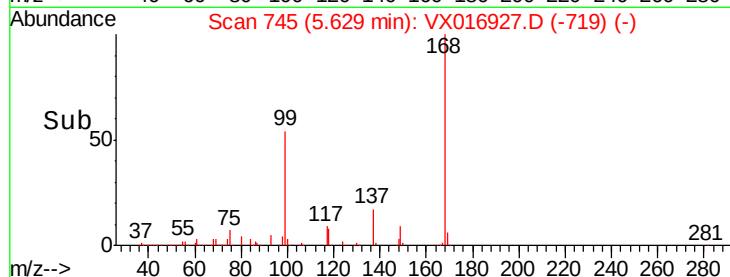
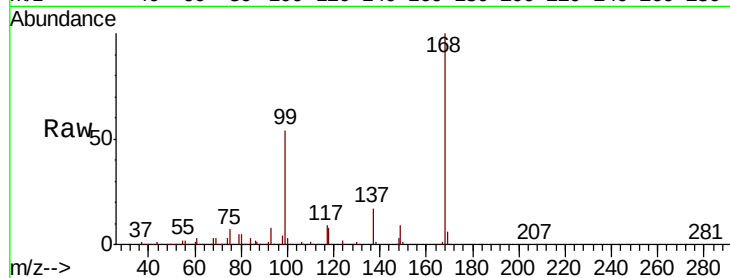
Tot Ion: 75 Resp: 22433

Ion Ratio Lower Upper

75 100

110 9.7 18.9 56.9#

77 0.0 25.6 38.4#



#37

Ethyl Acetate

Concen: 3.636 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.15 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

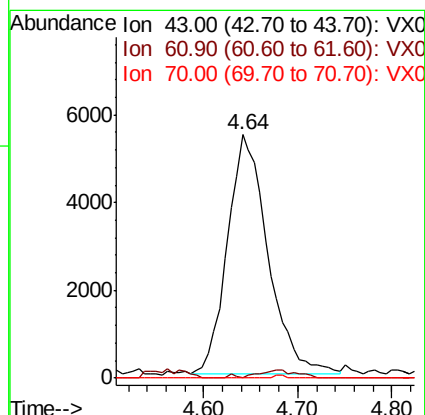
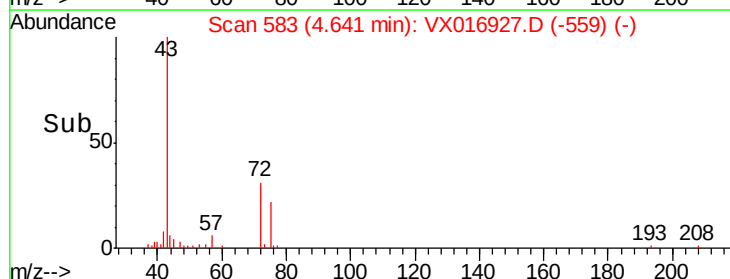
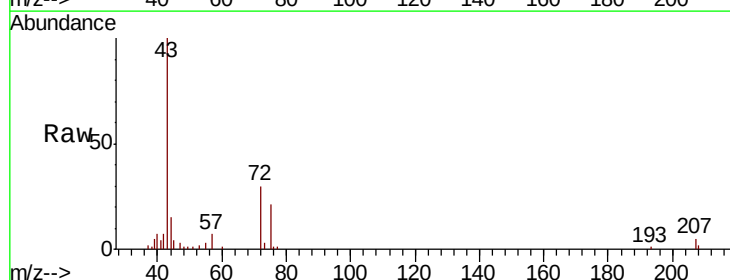
Tgt Ion: 43 Resp: 16365

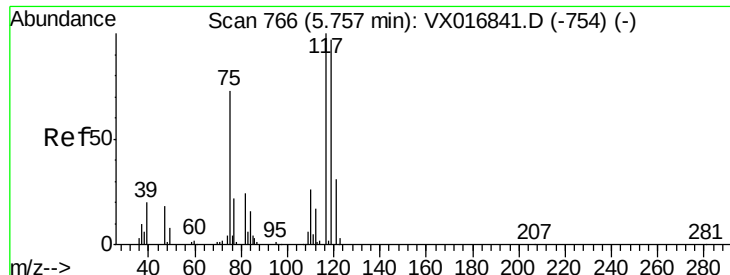
Ion Ratio Lower Upper

43 100

61 0.3 12.2 18.2#

70 0.0 10.5 15.7#

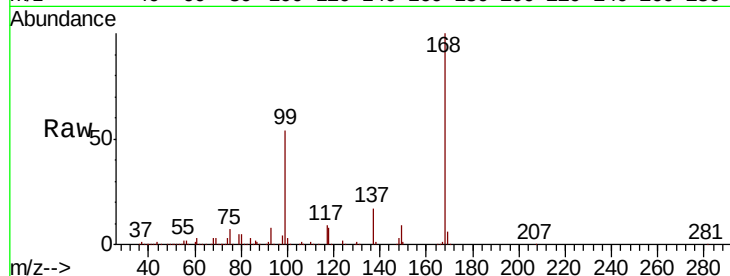




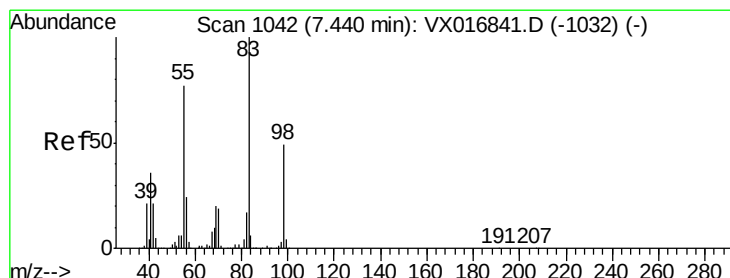
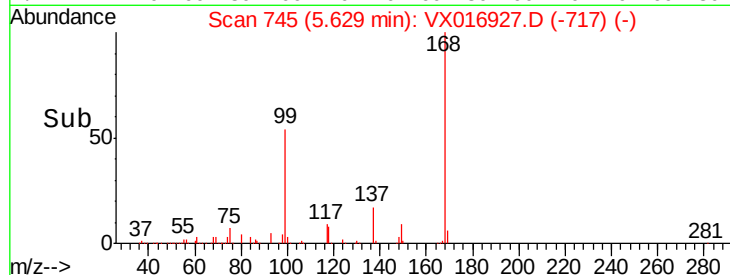
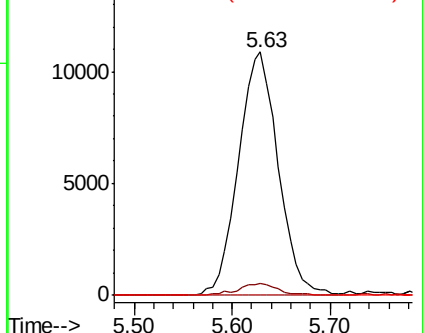
#38
Carbon Tetrachloride
Concen: 5.363 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016927.D
Acq: 22 Jun 2020 18:07

Instrument :
MSVOA_X
ClientSampleId :
MW-27DL

Tot Ion:117 Resp: 30656
Ion Ratio Lower Upper
117 100
119 4.8 77.4 116.2#
121 0.0 24.7 37.1#

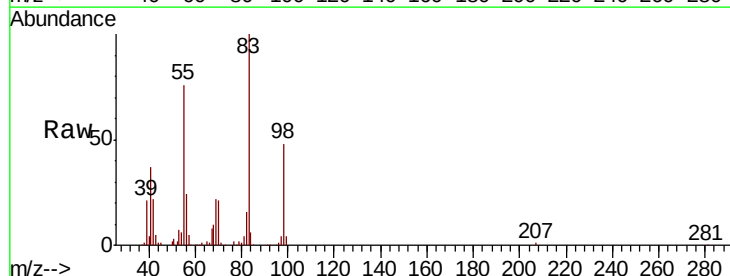


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

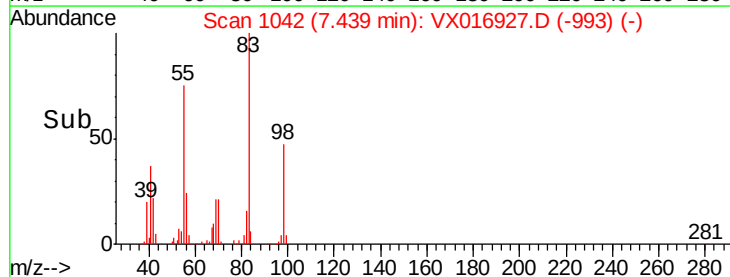
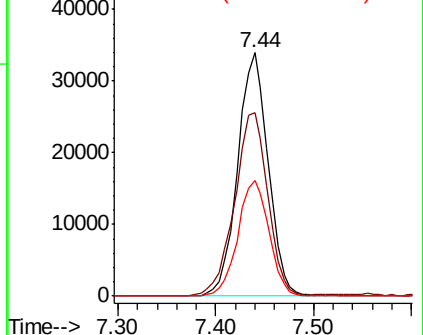


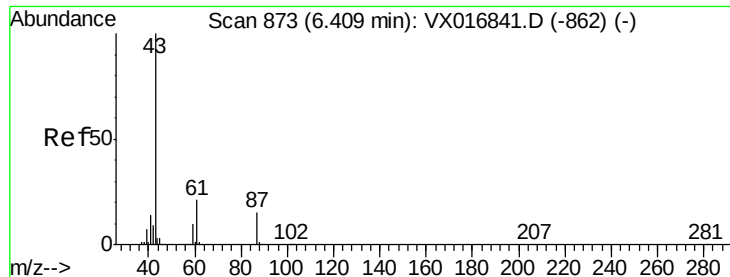
#39
Methylcyclohexane
Concen: 12.439 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016927.D
Acq: 22 Jun 2020 18:07

Tgt Ion: 83 Resp: 73685
Ion Ratio Lower Upper
83 100
55 75.2 61.7 92.5
98 47.6 39.0 58.6



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





#43

Isopropyl Acetate

Concen: 0.281 ug/l

RT: 6.42 min Scan# 875

Delta R.T. 0.01 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

ClientSampleId :

MW-27DL

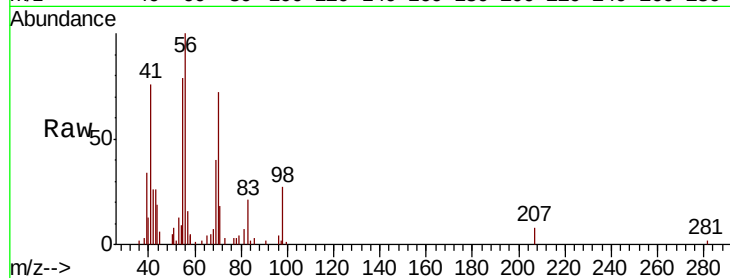
Tot Ion: 43 Resp: 2205

Ion Ratio Lower Upper

43 100

61 0.0 17.9 26.9#

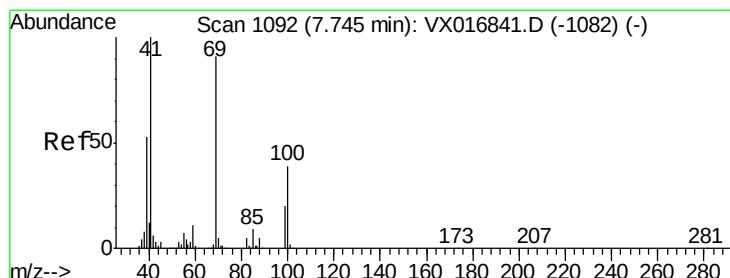
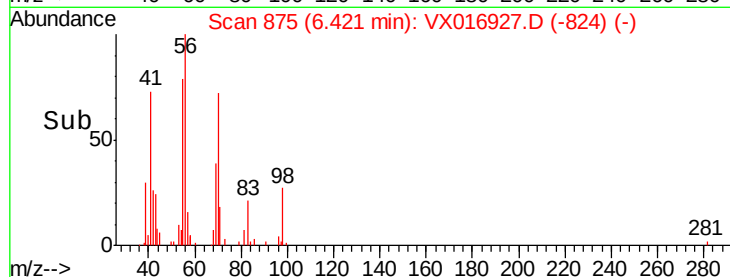
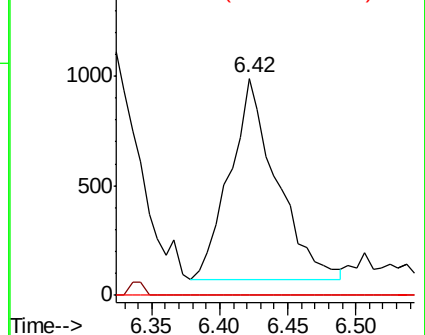
87 0.0 12.4 18.6#



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



#48

Methyl methacrylate

Concen: 1.171 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.03 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

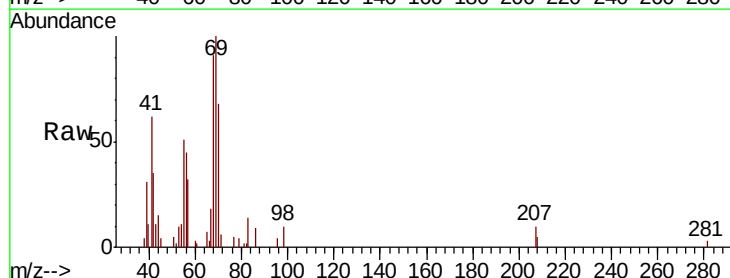
Tgt Ion: 41 Resp: 4336

Ion Ratio Lower Upper

41 100

69 153.7 73.3 109.9#

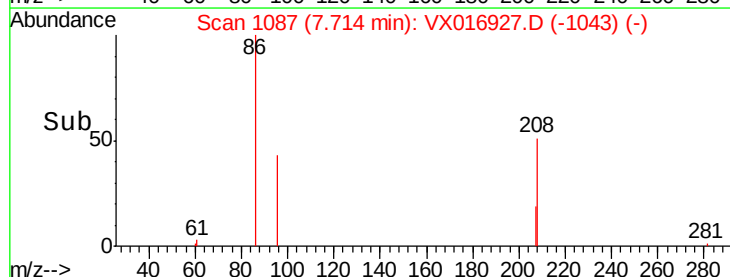
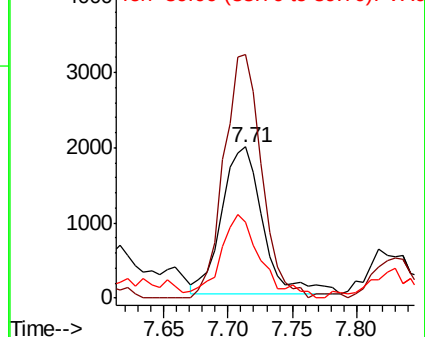
39 56.1 42.4 63.6

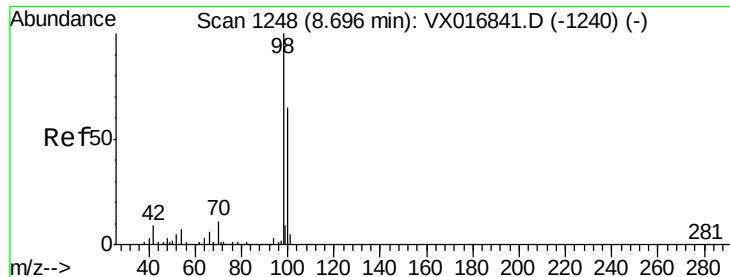


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#50

Toluene-d8

Concen: 42.107 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

ClientSampleId :

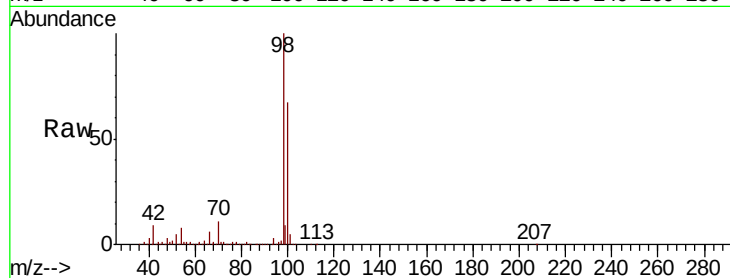
MW-27DL

Tot Ion: 98 Resp: 594597

Ion Ratio Lower Upper

98 100

100 66.7 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

400000

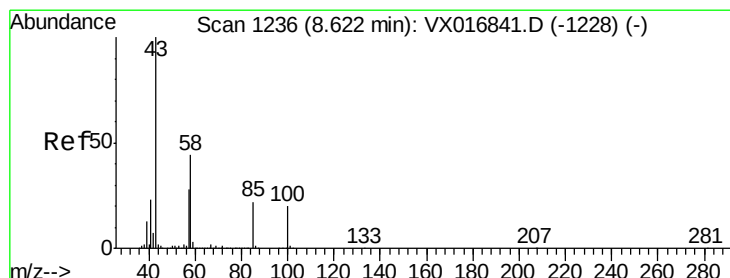
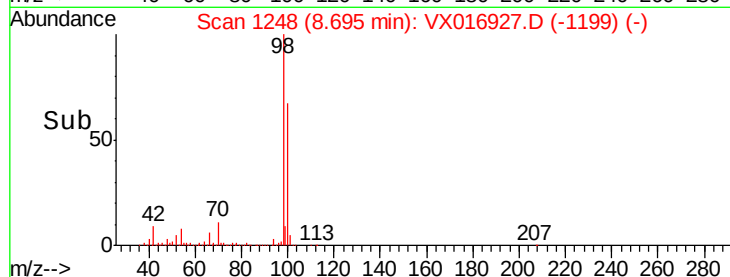
300000

200000

100000

0

Time--> 8.50 8.60 8.70 8.80 8.90



#51

4-Methyl-2-Pentanone

Concen: 0.429 ug/l

RT: 8.66 min Scan# 1242

Delta R.T. 0.04 min

Lab File: VX016927.D

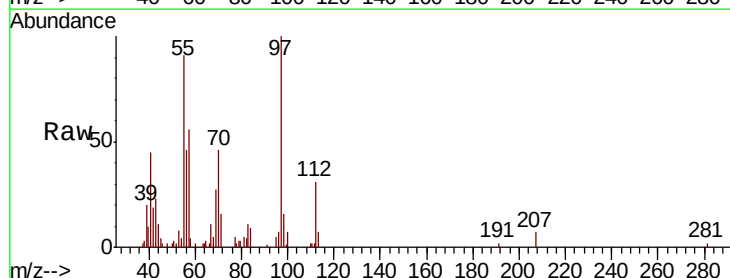
Acq: 22 Jun 2020 18:07

Tgt Ion: 43 Resp: 2030

Ion Ratio Lower Upper

43 100

58 0.0 34.3 51.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

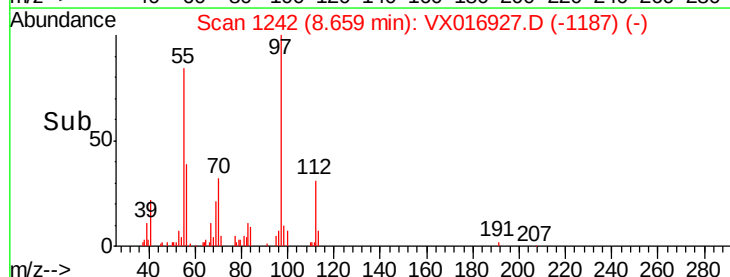
3000

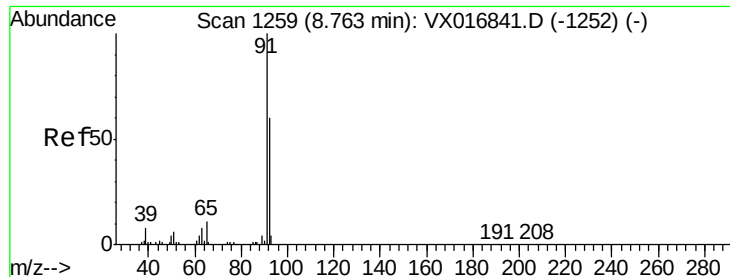
2000

1000

0

Time--> 8.60 8.65





#52

Toluene

Concen: 0.836 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

ClientSampleId :

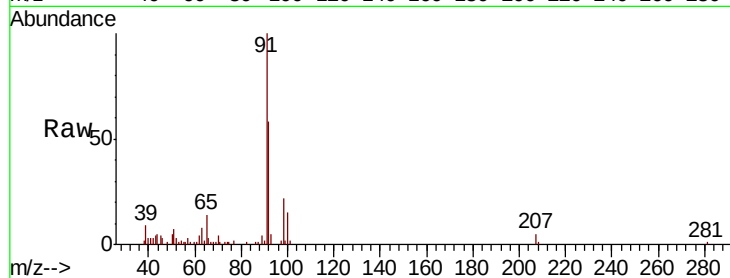
MW-27DL

Tot Ion: 92 Resp: 8482

Ion Ratio Lower Upper

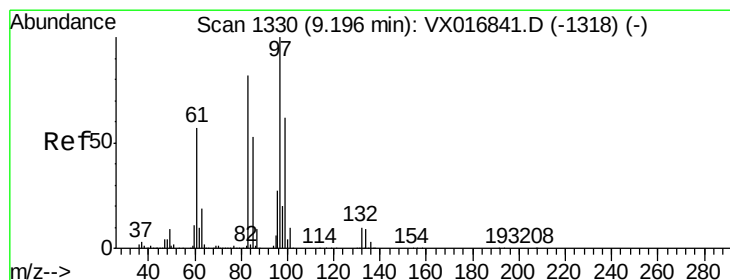
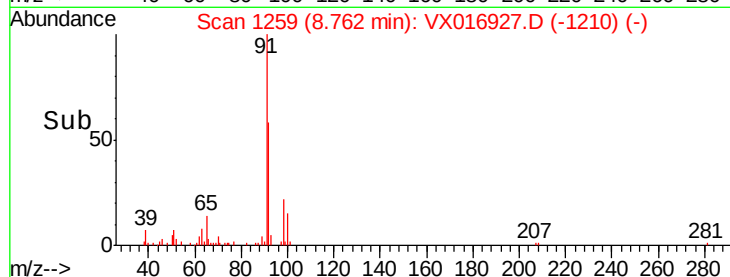
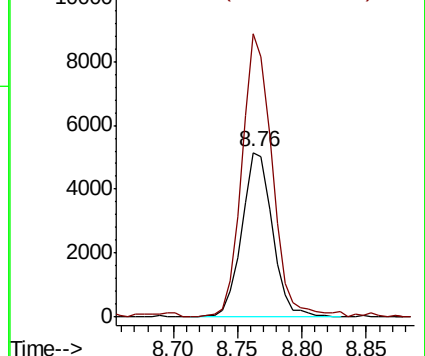
92 100

91 169.5 134.2 201.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 2.068 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.05 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Tgt Ion: 97 Resp: 7917

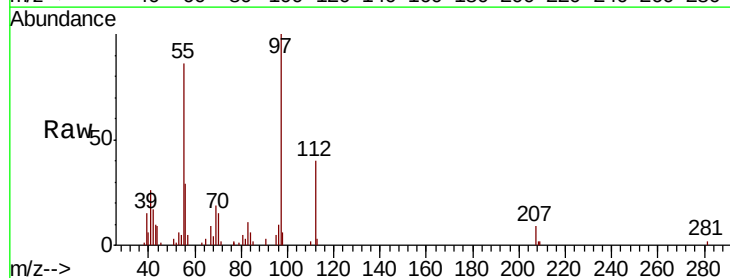
Ion Ratio Lower Upper

97 100

83 9.5 65.5 98.3#

85 2.3 42.6 63.8#

99 0.0 49.4 74.0#

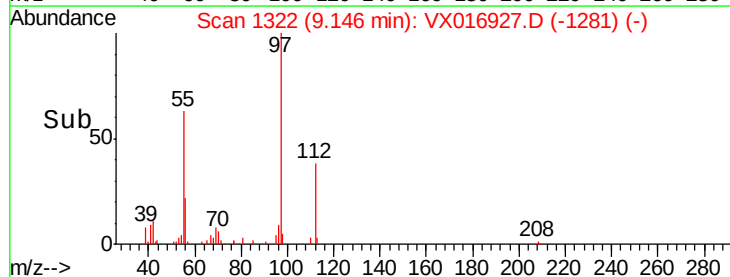
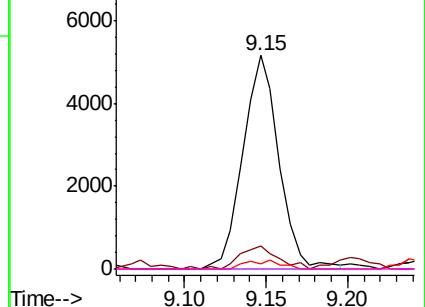


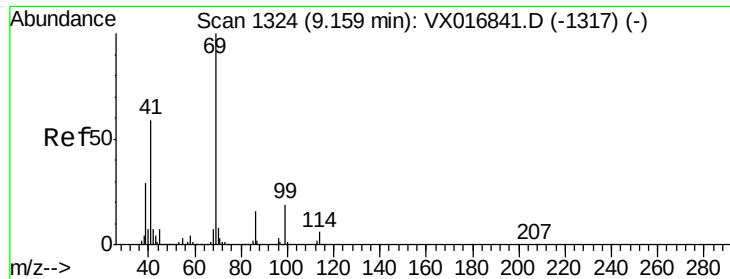
Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 0.409 ug/l

RT: 9.15 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

ClientSampleId :

MW-27DL

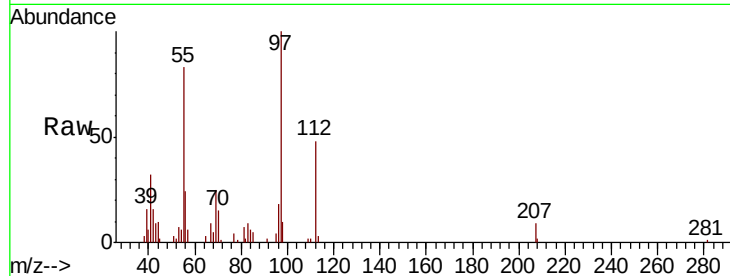
Tot Ion: 69 Resp: 2266

Ion Ratio Lower Upper

69 100

41 127.4 47.9 71.9#

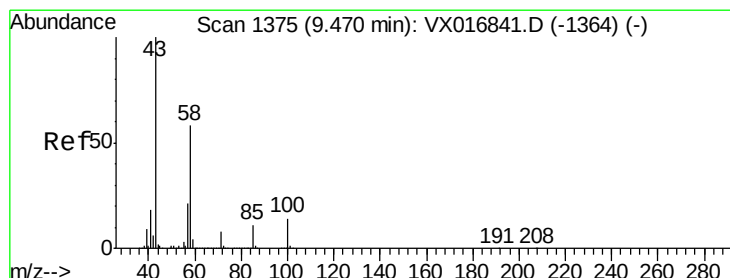
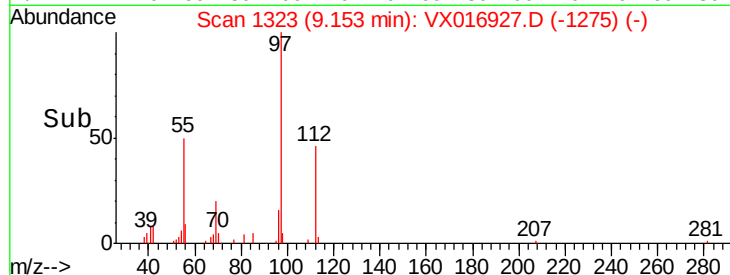
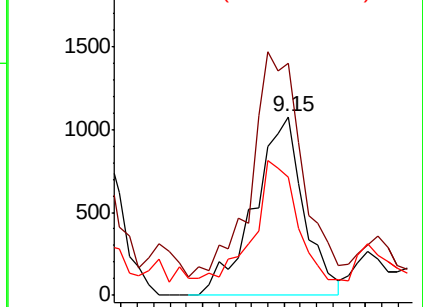
39 56.5 24.2 36.4#



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



#59

2-Hexanone

Concen: 0.616 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.01 min

Lab File: VX016927.D

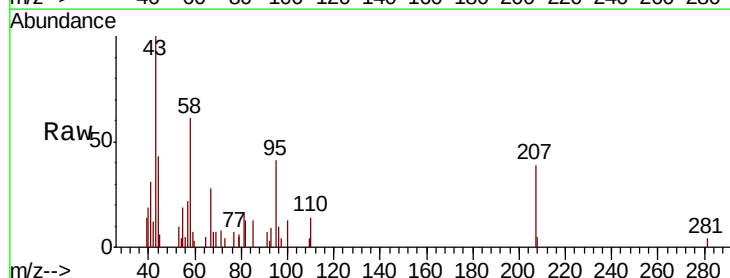
Acq: 22 Jun 2020 18:07

Tgt Ion: 43 Resp: 2110

Ion Ratio Lower Upper

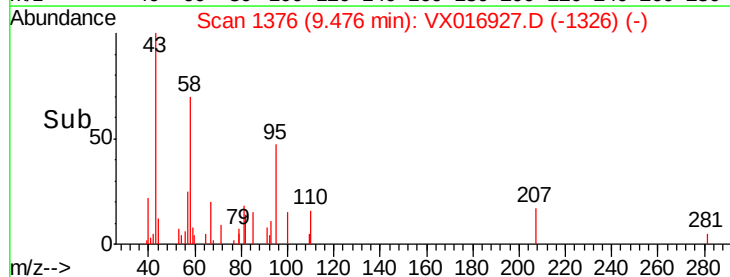
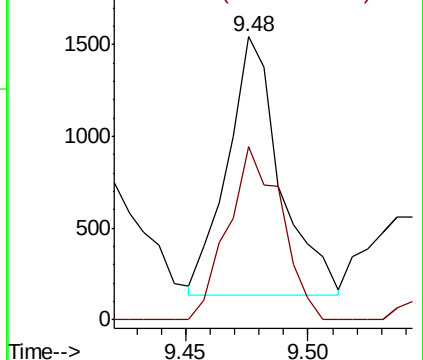
43 100

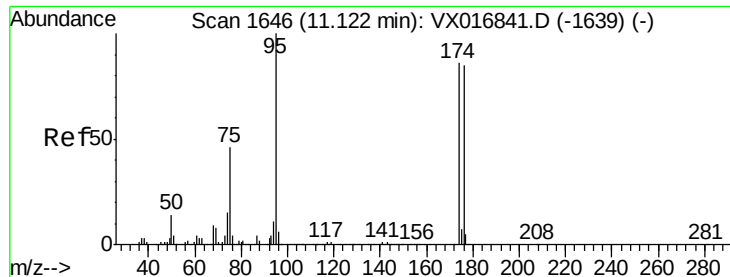
58 67.8 29.8 89.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.330 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

ClientSampled :

MW-27DL

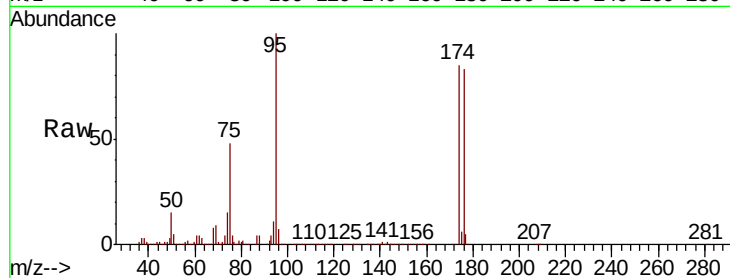
Tot Ion: 95 Resp: 256078

Ion Ratio Lower Upper

95 100

174 84.6 0.0 174.2

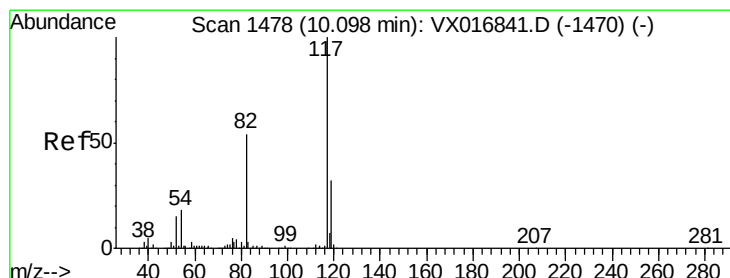
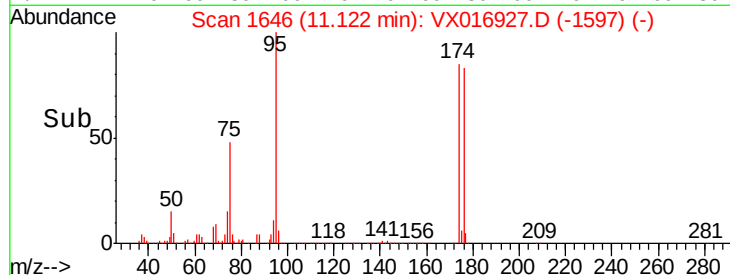
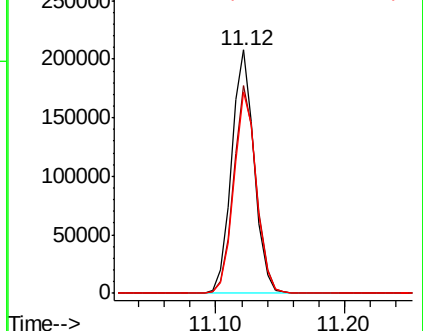
176 82.2 0.0 170.0



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: VX016927.D

Acq: 22 Jun 2020 18:07

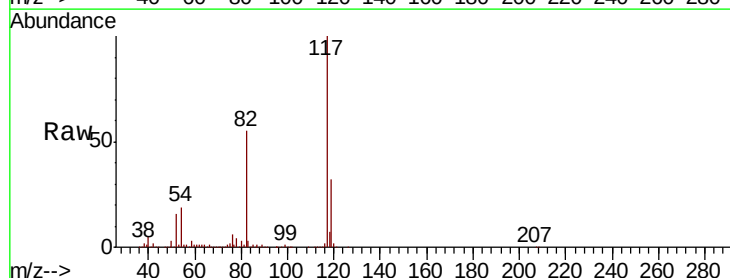
Tgt Ion: 117 Resp: 499955

Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

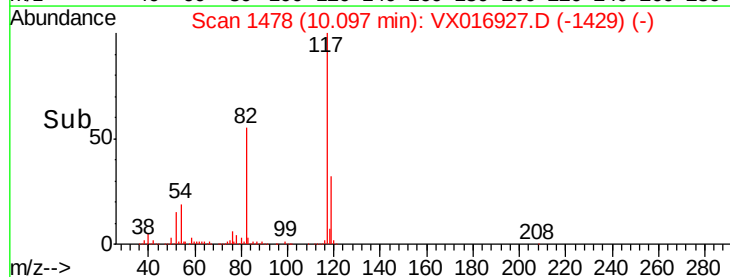
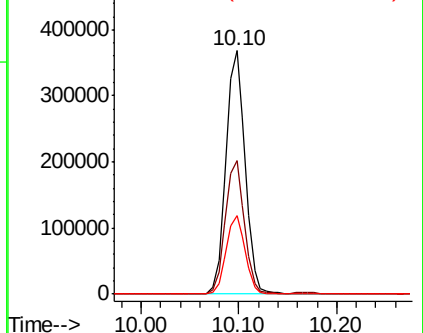
119 32.5 25.7 38.5

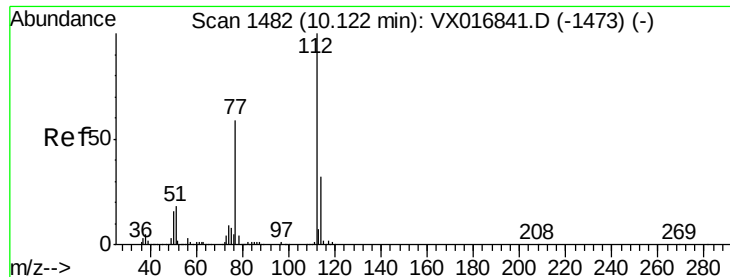


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

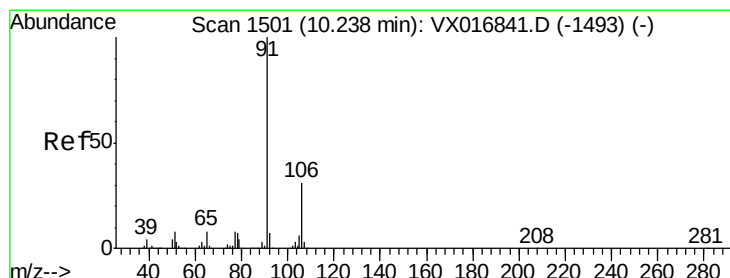
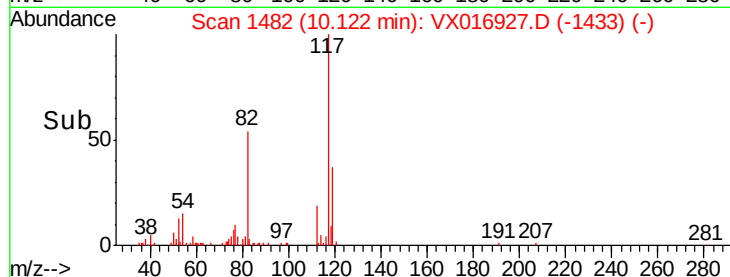
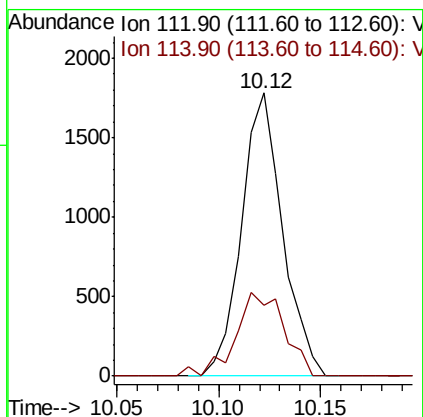
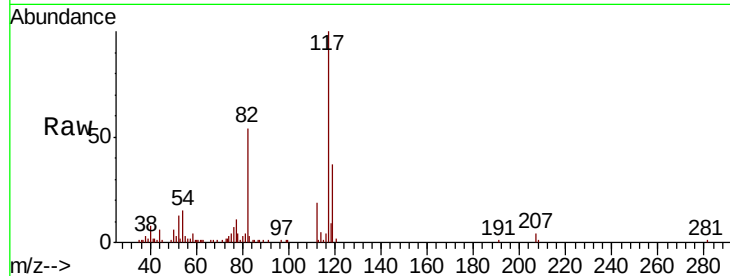




#65
Chlorobenzene
Concen: 0.246 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016927.D
Acq: 22 Jun 2020 18:07

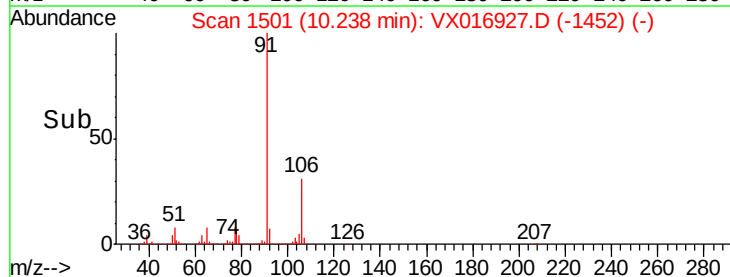
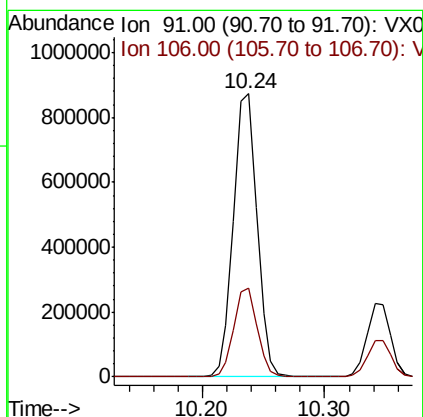
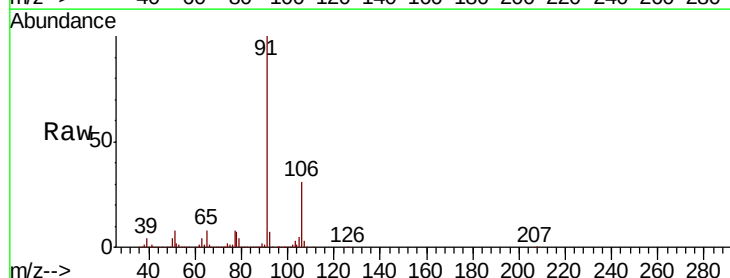
Instrument :
MSVOA_X
ClientSampleId :
MW-27DL

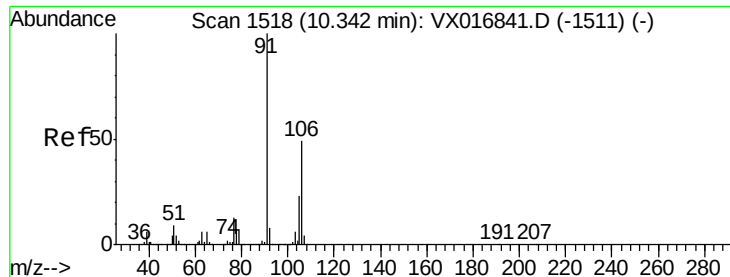
Tot Ion:112 Resp: 2491
Ion Ratio Lower Upper
112 100
114 25.2 25.5 38.3#



#67
Ethyl Benzene
Concen: 68.344 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016927.D
Acq: 22 Jun 2020 18:07

Tgt Ion: 91 Resp: 1167422
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7

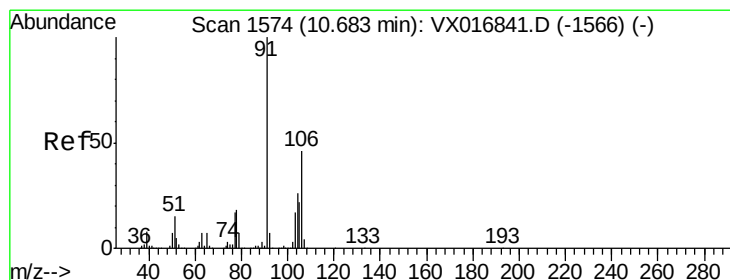
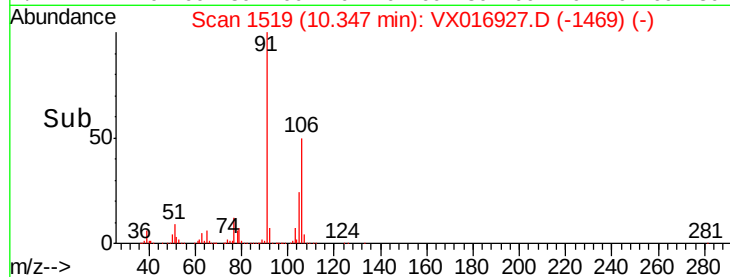
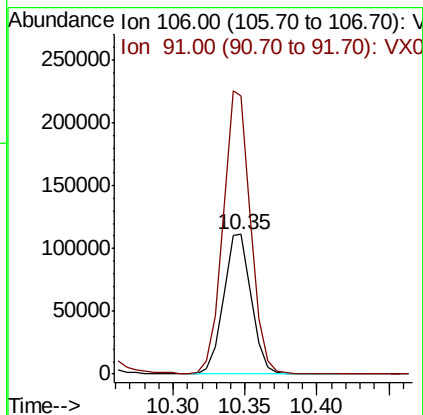
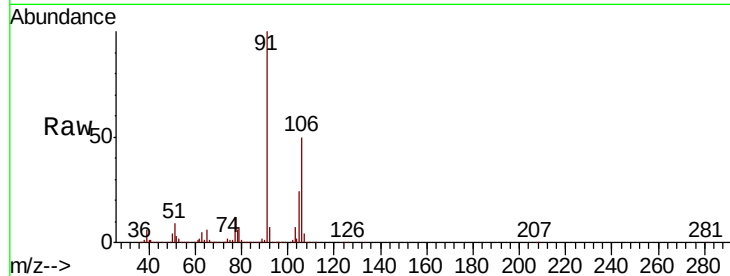




#68
m/p-Xylenes
Concen: 22.702 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX016927.D
Acq: 22 Jun 2020 18:07

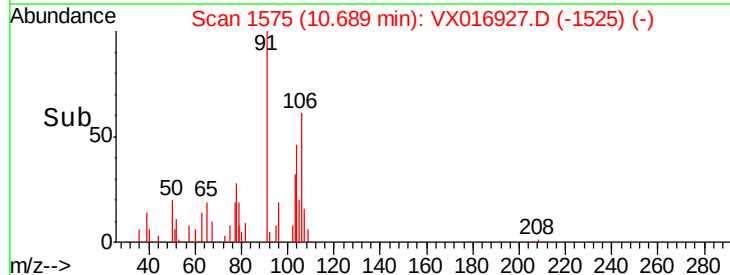
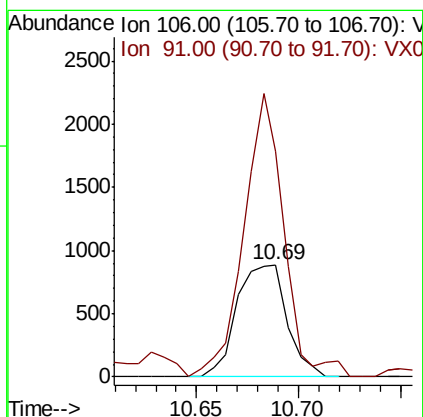
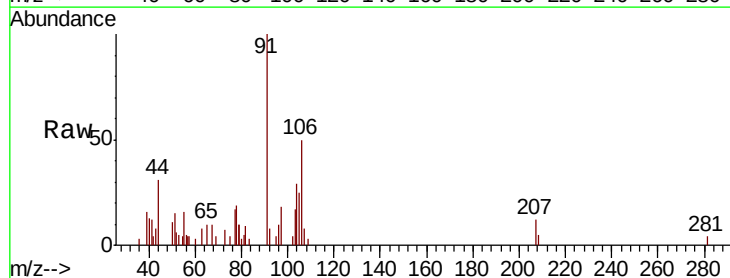
Instrument :
MSVOA_X
ClientSampled :
MW-27DL

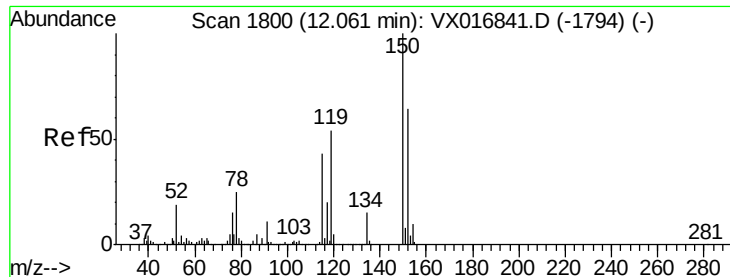
Tot Ion:106 Resp: 150900
Ion Ratio Lower Upper
106 100
91 200.2 161.5 242.3



#69
o-Xylene
Concen: 0.246 ug/l
RT: 10.69 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VX016927.D
Acq: 22 Jun 2020 18:07

Tgt Ion:106 Resp: 1513
Ion Ratio Lower Upper
106 100
91 201.9 107.9 323.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

ClientSampleId :

MW-27DL

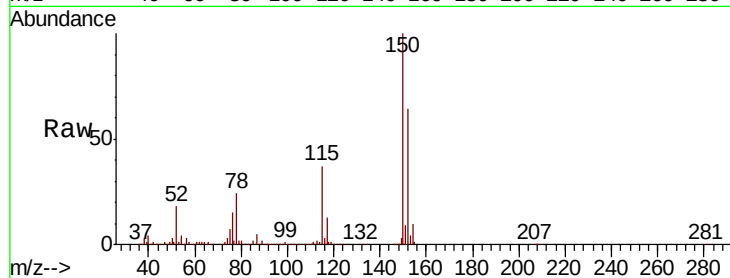
Tot Ion:152 Resp: 266413

Ion Ratio Lower Upper

152 100

115 57.5 40.9 122.8

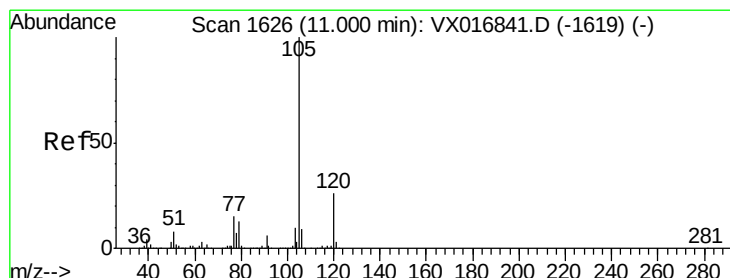
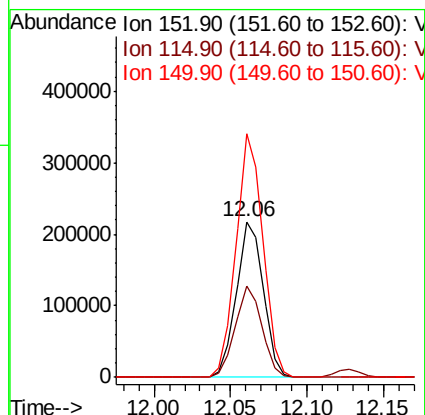
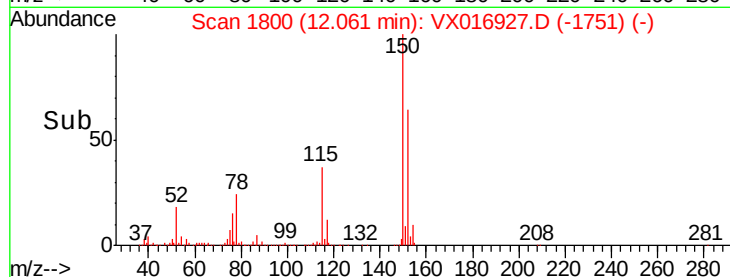
150 155.0 0.0 344.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 5.440 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016927.D

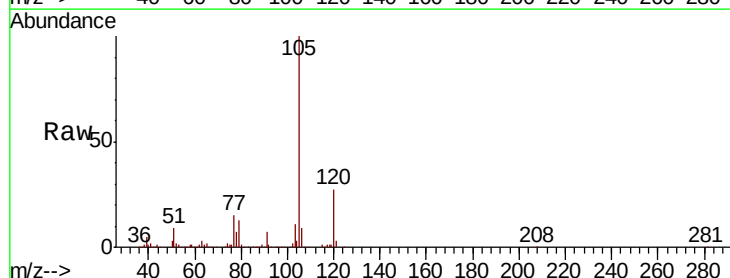
Acq: 22 Jun 2020 18:07

Tgt Ion:105 Resp: 93315

Ion Ratio Lower Upper

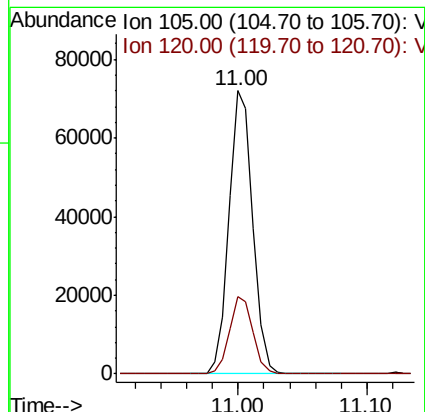
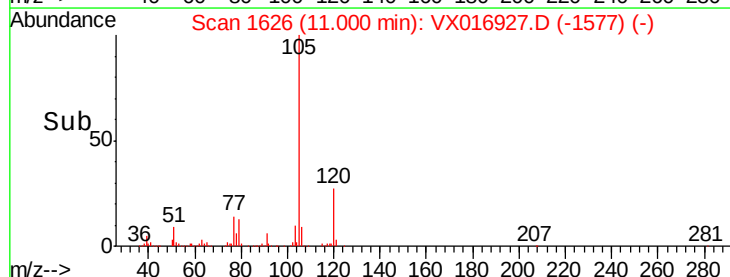
105 100

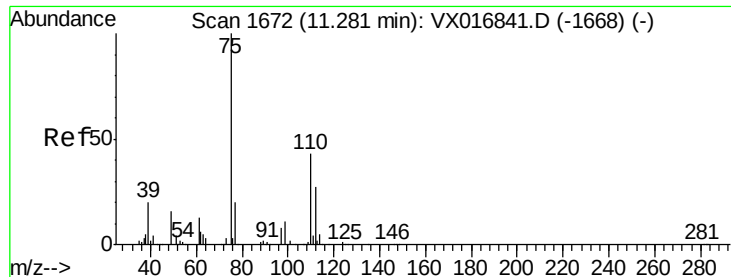
120 26.8 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 24.786 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

ClientSampleId :

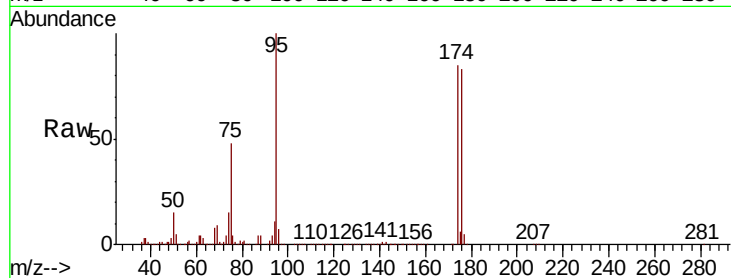
MW-27DL

Tot Ion: 75 Resp: 120597

Ion Ratio Lower Upper

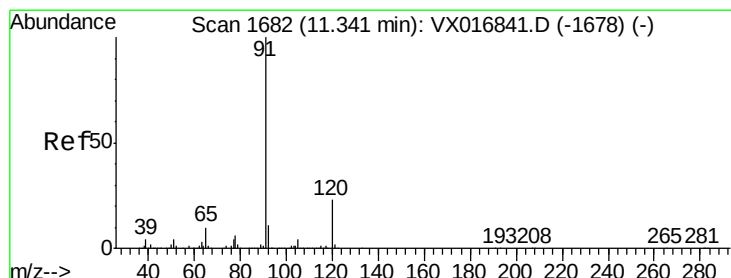
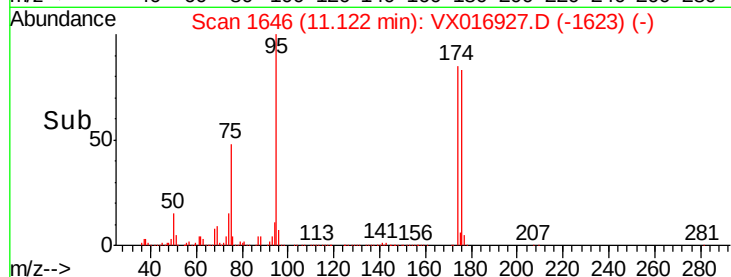
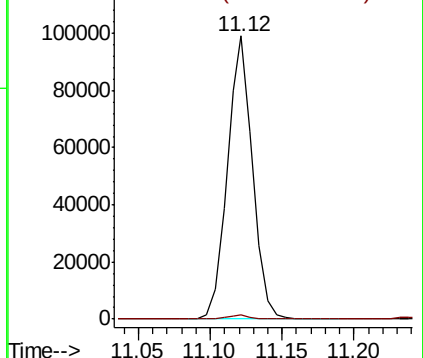
75 100

77 1.4 20.5 61.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 16.098 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016927.D

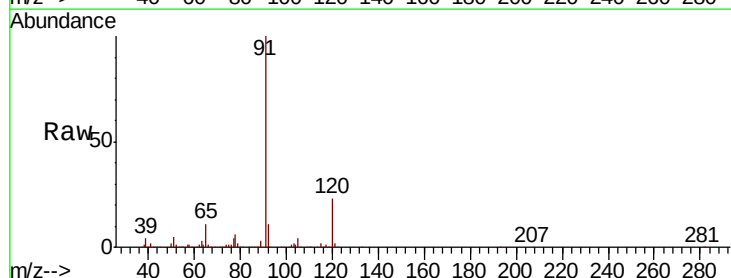
Acq: 22 Jun 2020 18:07

Tgt Ion: 91 Resp: 308174

Ion Ratio Lower Upper

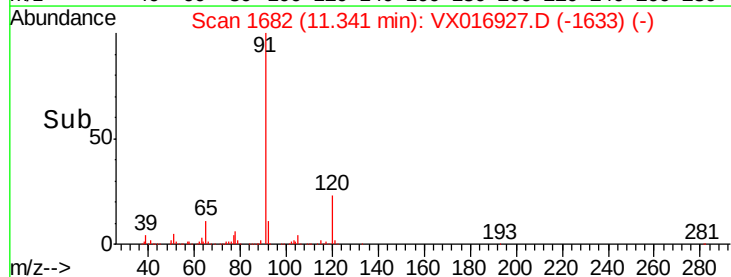
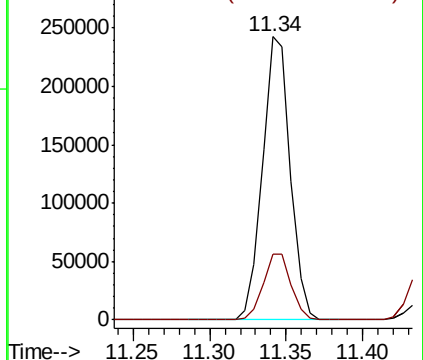
91 100

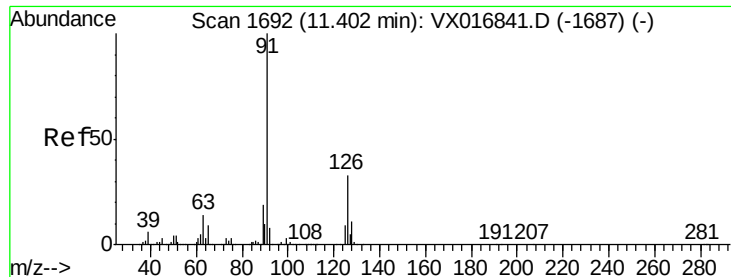
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

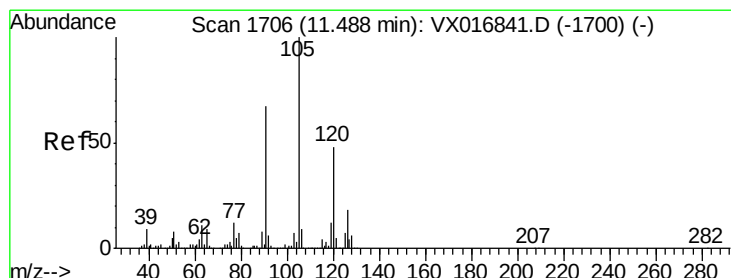
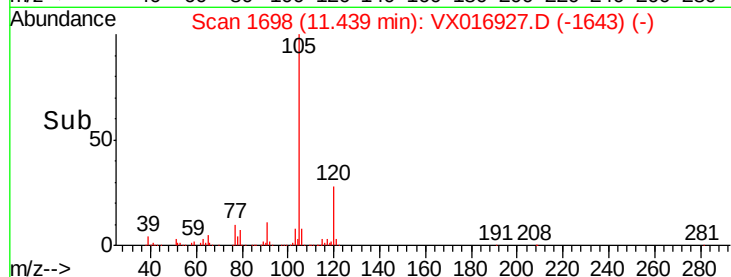
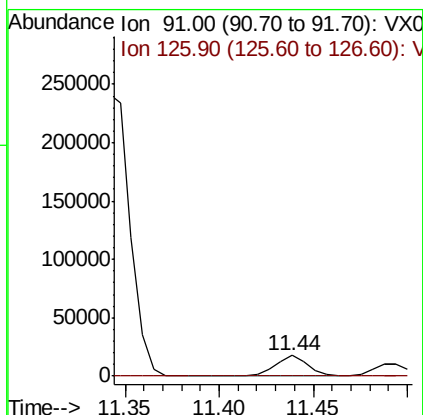
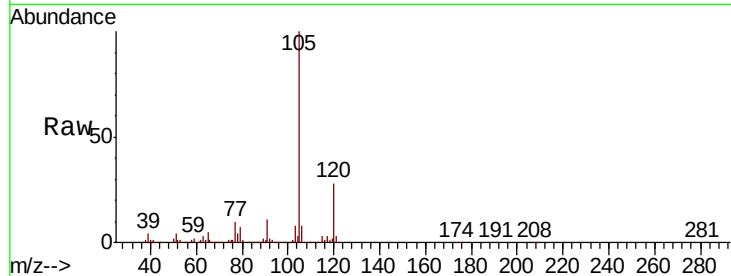




#79
2-Chlorotoluene
Concen: 1.828 ug/l
RT: 11.44 min Scan# 1698
Delta R.T. 0.04 min
Lab File: VX016927.D
Acq: 22 Jun 2020 18:07

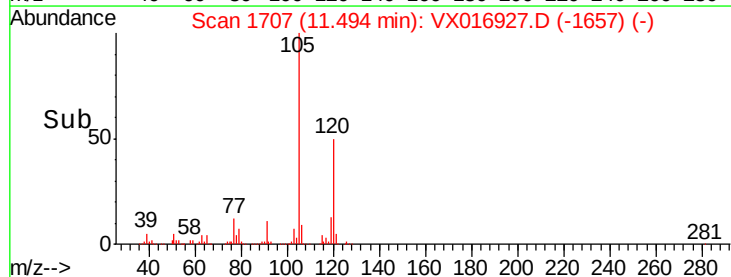
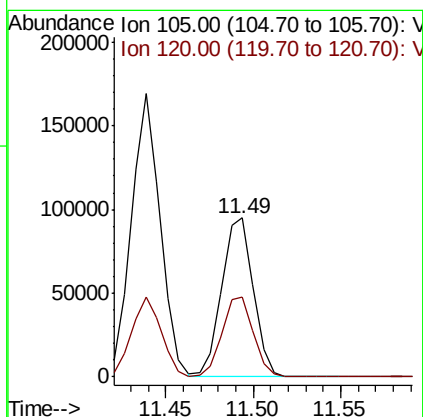
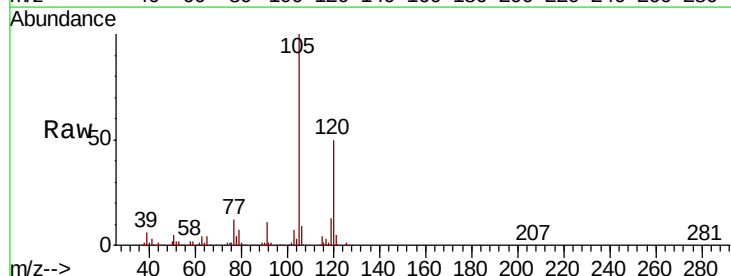
Instrument :
MSVOA_X
ClientSampled :
MW-27DL

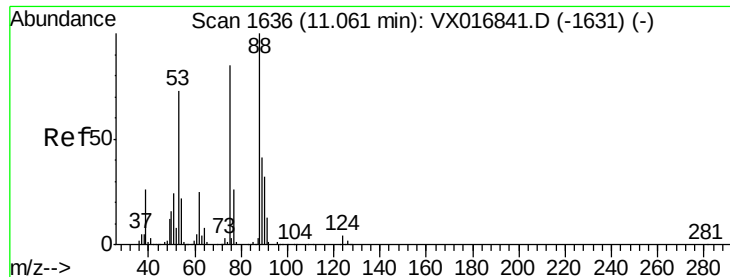
Tot Ion: 91 Resp: 21408
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.5#



#80
1,3,5-Trimethylbenzene
Concen: 8.050 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016927.D
Acq: 22 Jun 2020 18:07

Tgt Ion: 105 Resp: 119131
Ion Ratio Lower Upper
105 100
120 50.2 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 60.697 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

ClientSampleId :

MW-27DL

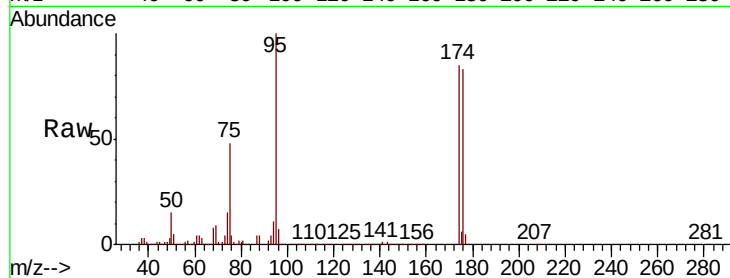
Tot Ion: 75 Resp: 120597

Ion Ratio Lower Upper

75 100

53 0.1 69.8 104.8#

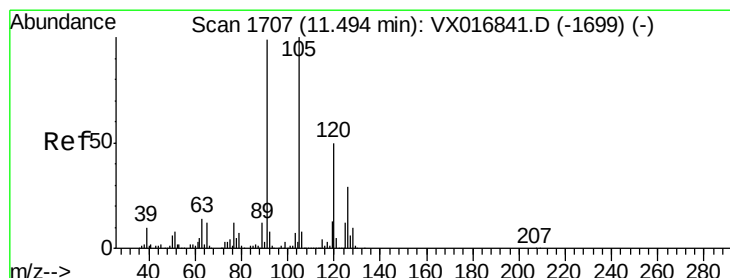
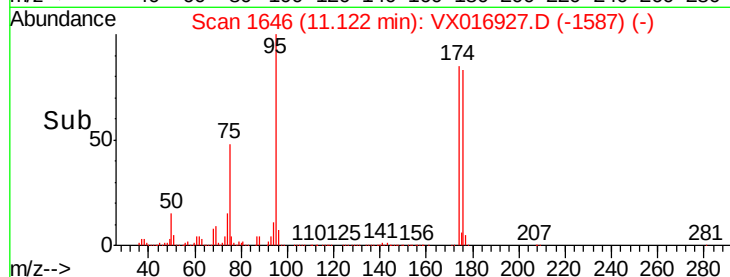
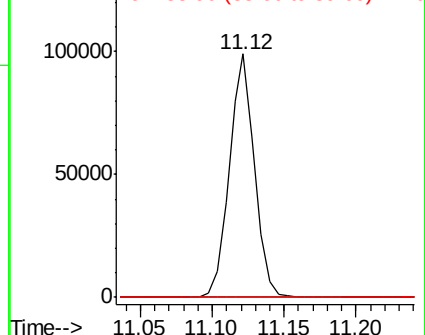
89 0.0 38.3 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.941 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016927.D

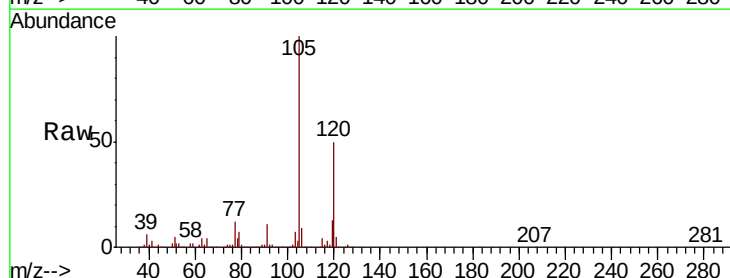
Acq: 22 Jun 2020 18:07

Tgt Ion: 91 Resp: 13222

Ion Ratio Lower Upper

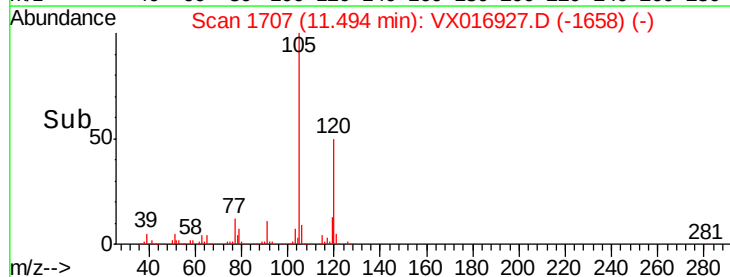
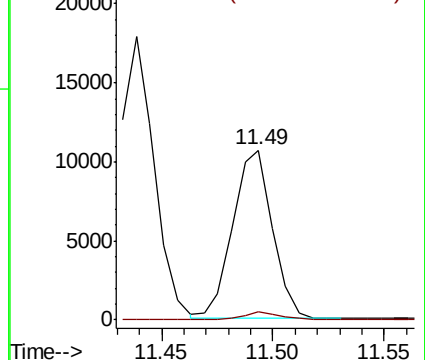
91 100

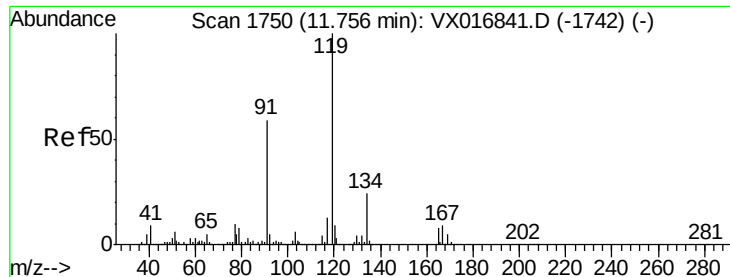
126 4.4 15.0 45.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

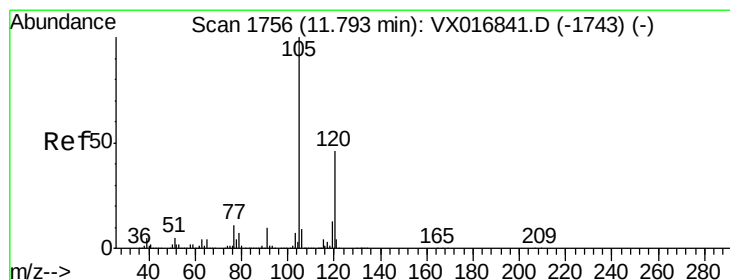
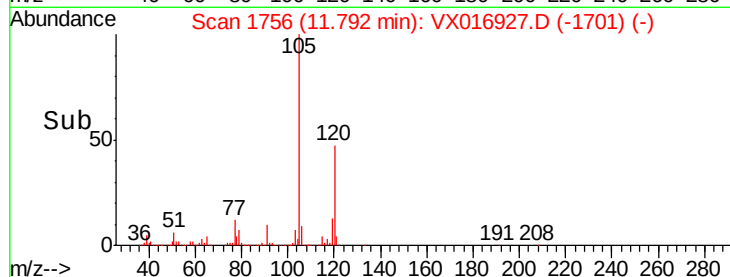
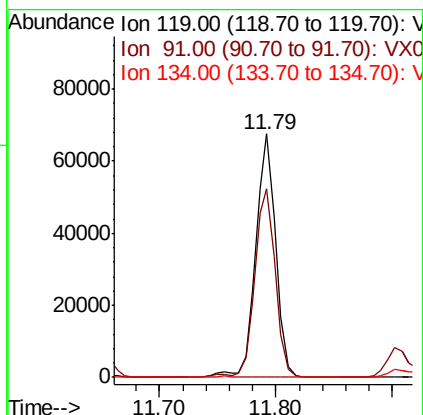
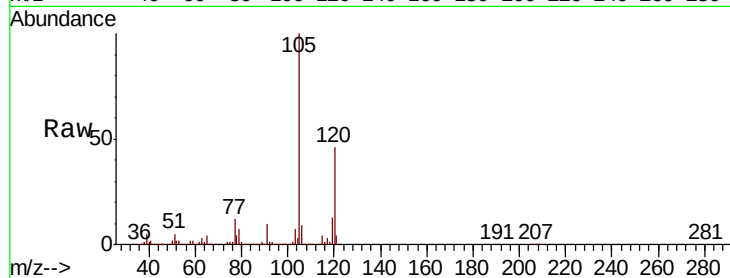




#83
 tert-Butylbenzene
 Concen: 5.508 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.04 min
 Lab File: VX016927.D
 Acq: 22 Jun 2020 18:07

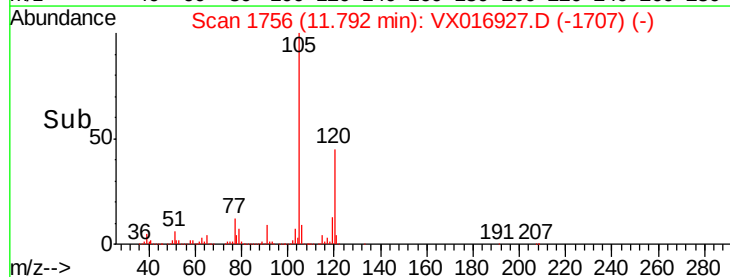
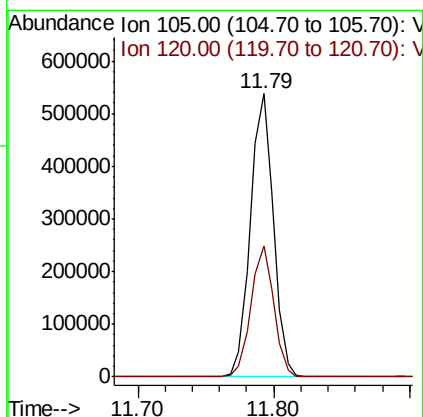
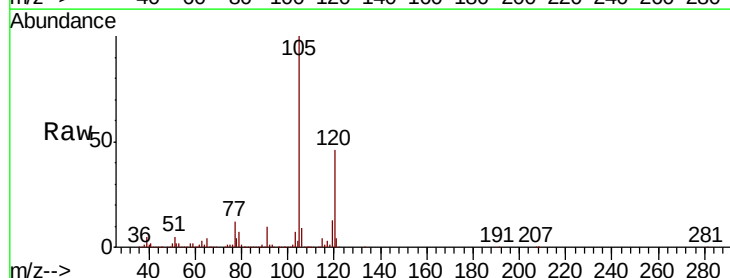
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-27DL

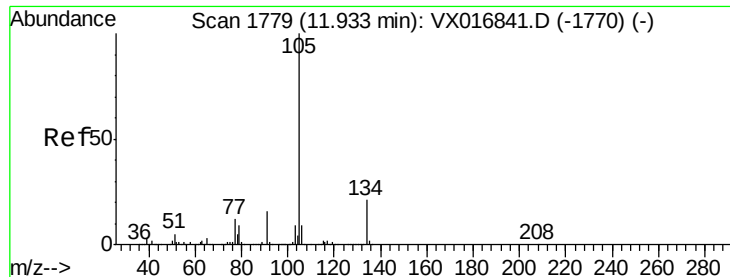
Tot Ion	Ratio	Lower	Upper
119	100		
91	79.8	28.5	85.5
134	0.0	11.7	35.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 41.903 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016927.D
 Acq: 22 Jun 2020 18:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.3	66.9





#85

sec-Butylbenzene

Concen: 37.563 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.14 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

ClientSampleId :

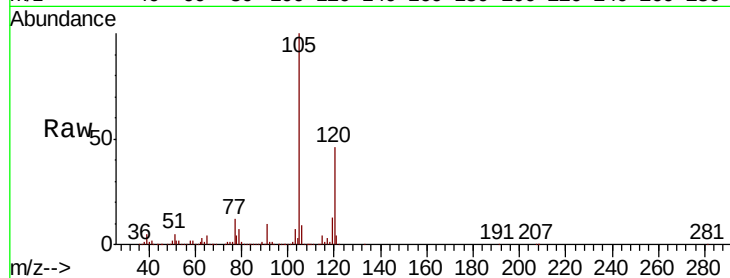
MW-27DL

Tot Ion:105 Resp: 638816

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.79

600000

500000

400000

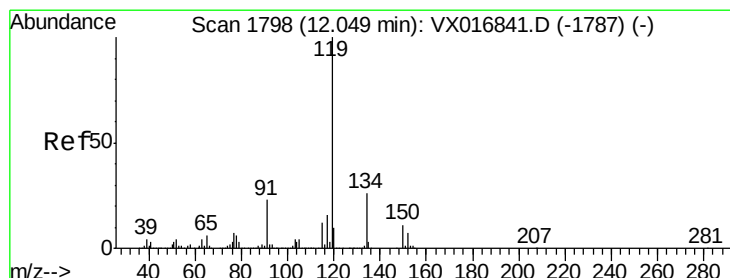
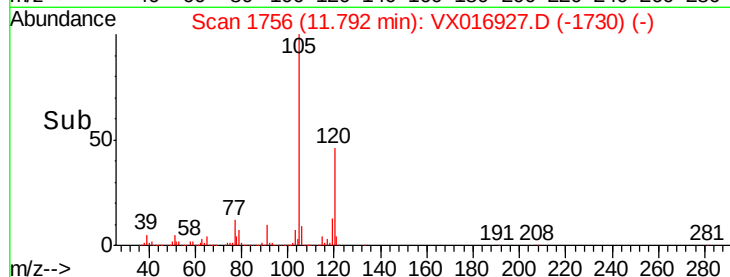
300000

200000

100000

0

Time--> 11.70 11.80



#86

p-Isopropyltoluene

Concen: 0.524 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

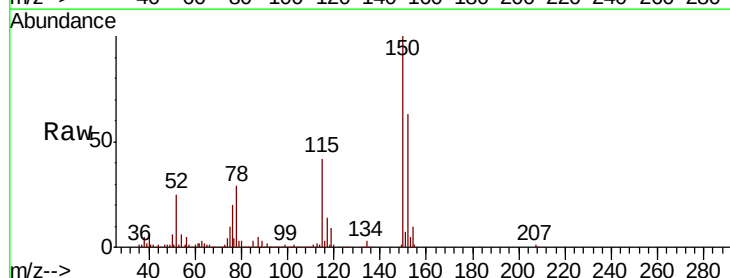
Tgt Ion:119 Resp: 8164

Ion Ratio Lower Upper

119 100

134 28.7 12.9 38.7

91 31.7 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12000

10000

8000

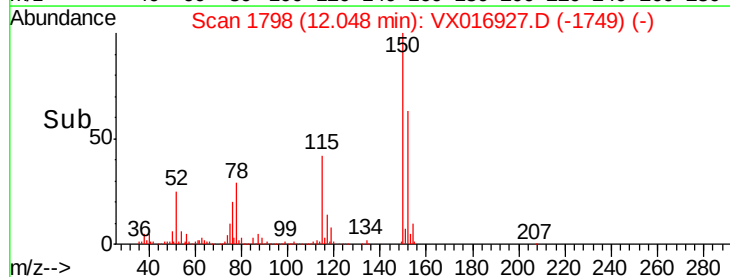
6000

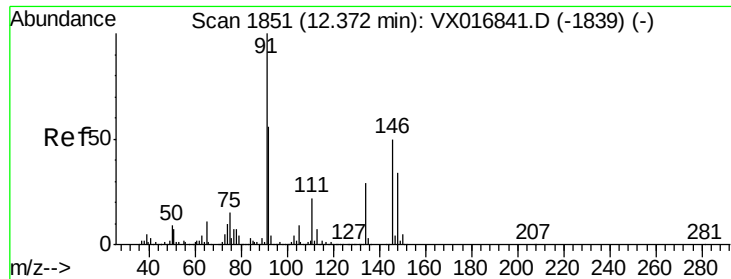
4000

2000

0

Time--> 12.00 12.05 12.10

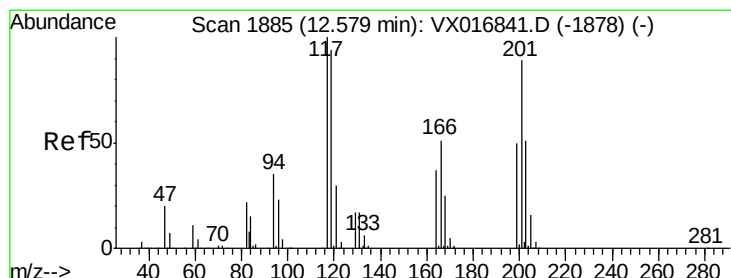
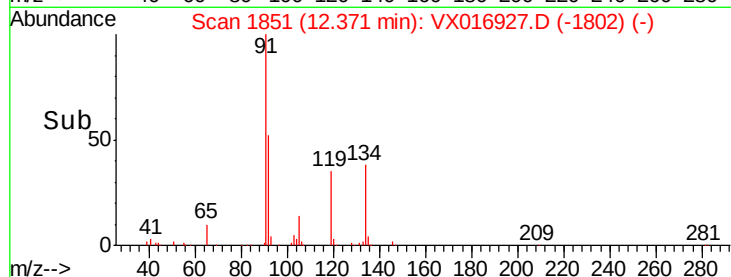
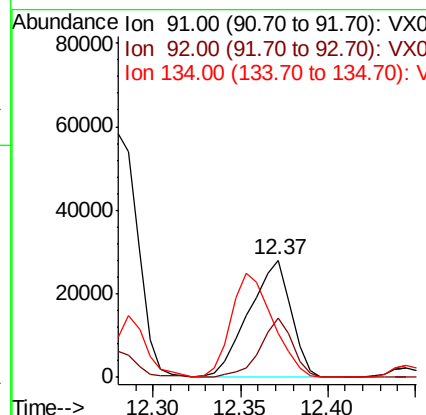
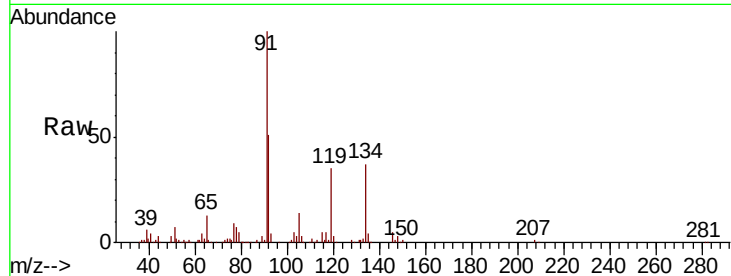




#89
n-Butylbenzene
Concen: 3.529 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016927.D
Acq: 22 Jun 2020 18:07

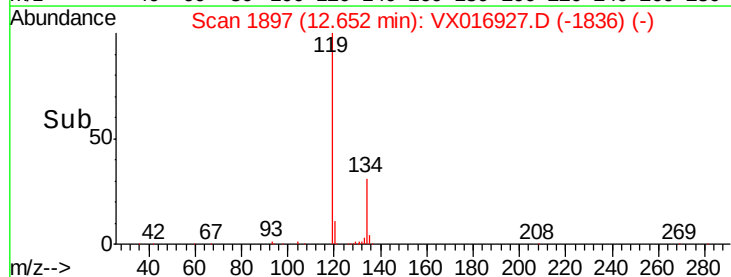
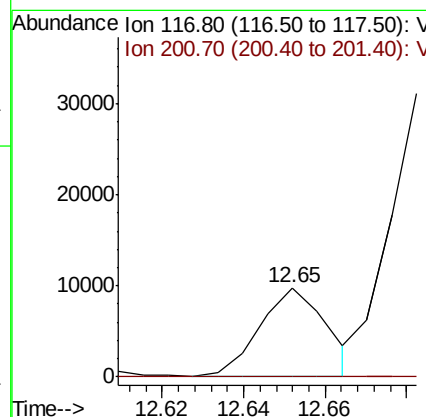
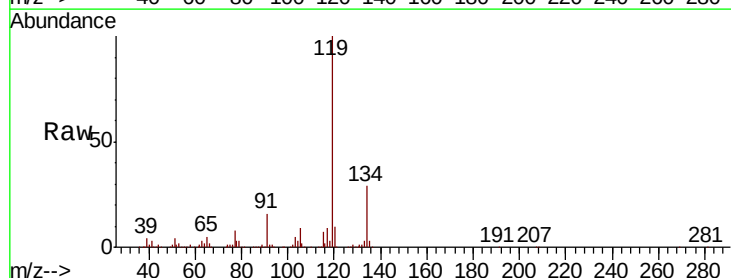
Instrument :
MSVOA_X
ClientSampled :
MW-27DL

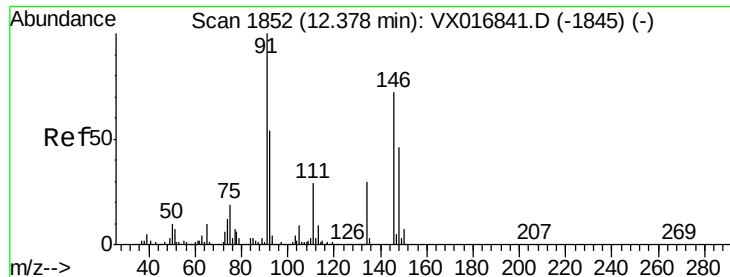
Tot Ion: 91 Resp: 47157
Ion Ratio Lower Upper
91 100
92 39.2 27.4 82.2
134 87.3 13.9 41.6#



#90
Hexachloroethane
Concen: 3.886 ug/l
RT: 12.65 min Scan# 1897
Delta R.T. 0.07 min
Lab File: VX016927.D
Acq: 22 Jun 2020 18:07

Tgt Ion: 117 Resp: 10907
Ion Ratio Lower Upper
117 100
201 0.0 44.9 134.5#

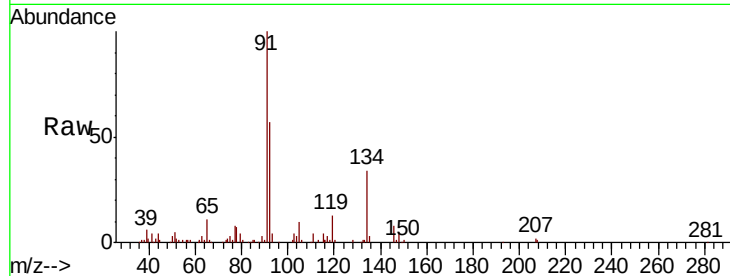




#91
 1,2-Dichlorobenzene
 Concen: 0.231 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016927.D
 Acq: 22 Jun 2020 18:07

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-27DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.9	62.7
148	63.6	32.9	98.6

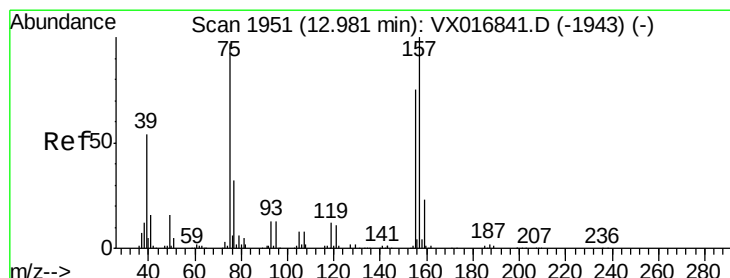
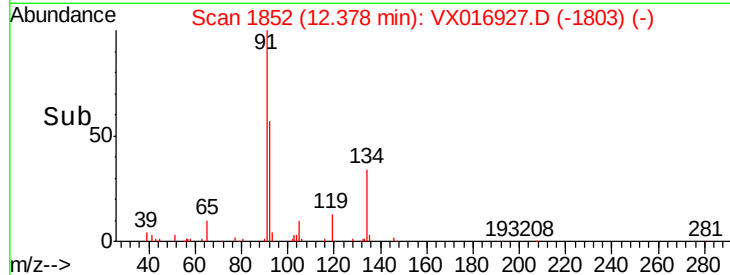
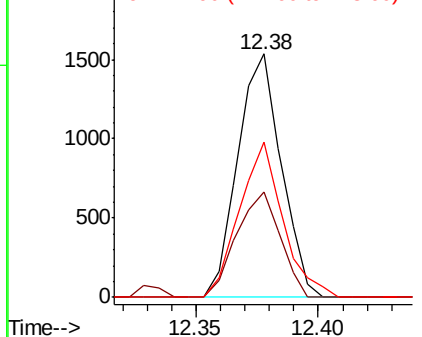


Abundance

Ion 145.90 (145.60 to 146.60): V

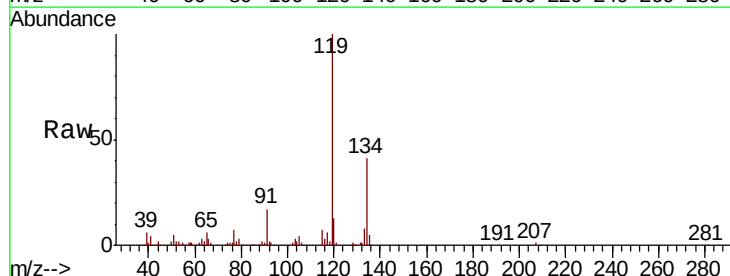
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.441 ug/l
 RT: 13.00 min Scan# 1954
 Delta R.T. 0.02 min
 Lab File: VX016927.D
 Acq: 22 Jun 2020 18:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	10.3	46.4	139.1#
157	0.0	58.6	175.8#

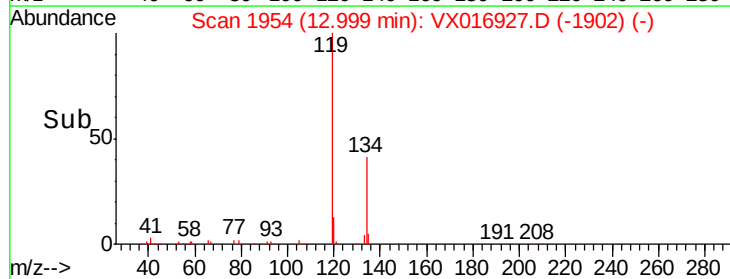
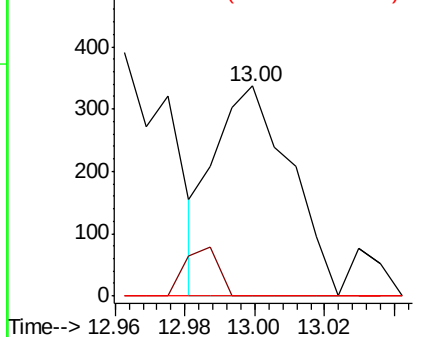


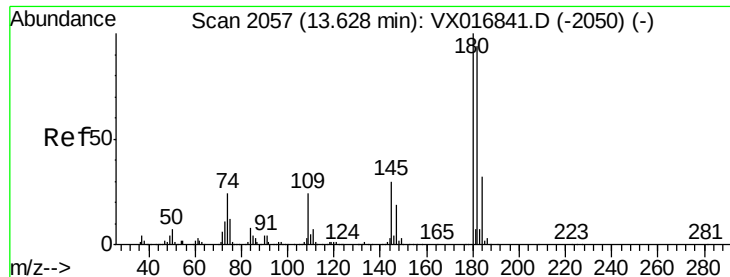
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 0.354 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

Instrument :

MSVOA_X

ClientSampled :

MW-27DL

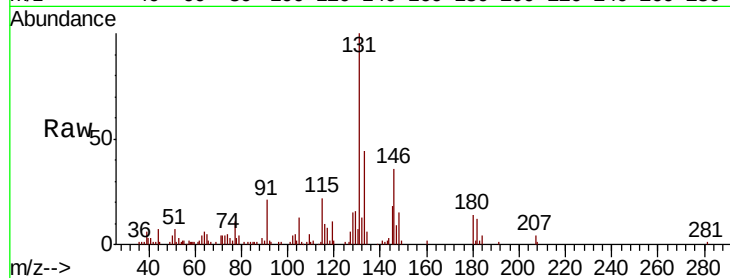
Tot Ion:180 Resp: 1963

Ion Ratio Lower Upper

180 100

182 98.3 47.7 143.1

145 125.8 15.0 45.1#

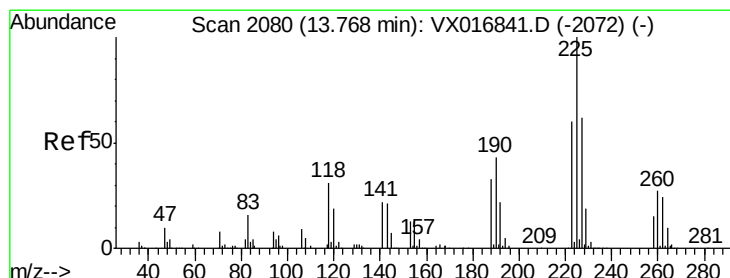
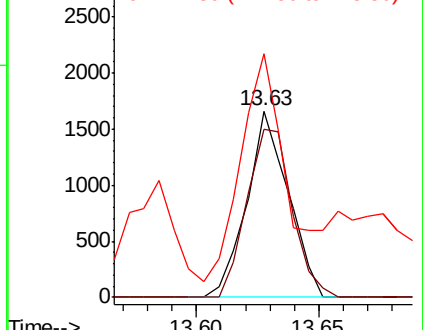
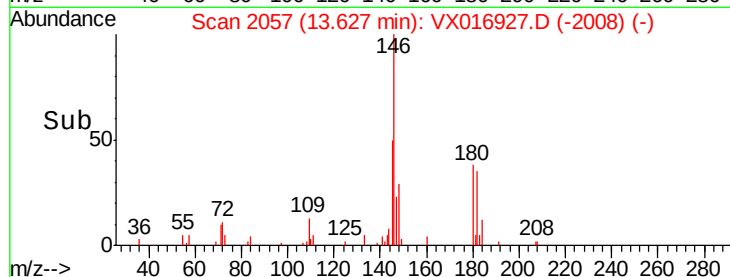


Abundance

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: 0.362 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016927.D

Acq: 22 Jun 2020 18:07

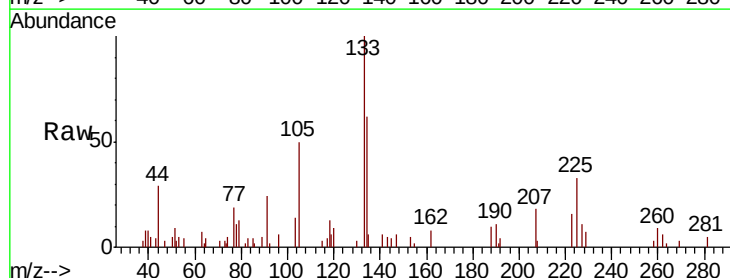
Tgt Ion:225 Resp: 906

Ion Ratio Lower Upper

225 100

223 54.6 32.1 96.5

227 51.0 32.3 96.8

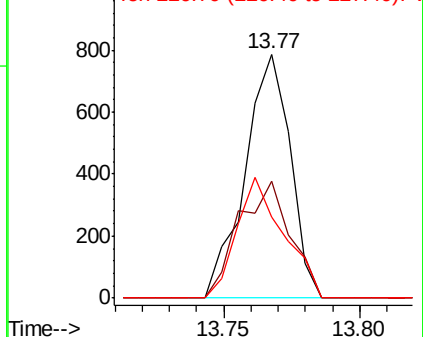
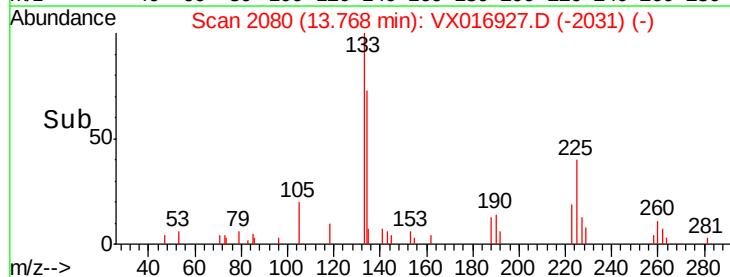


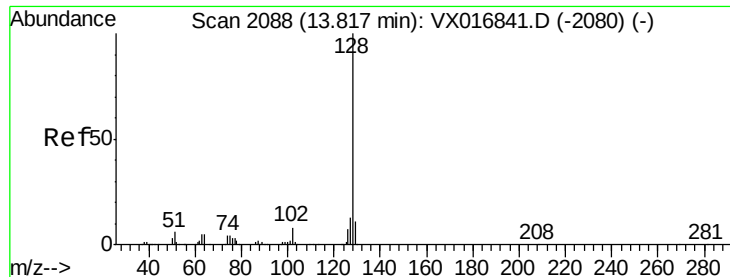
Abundance

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

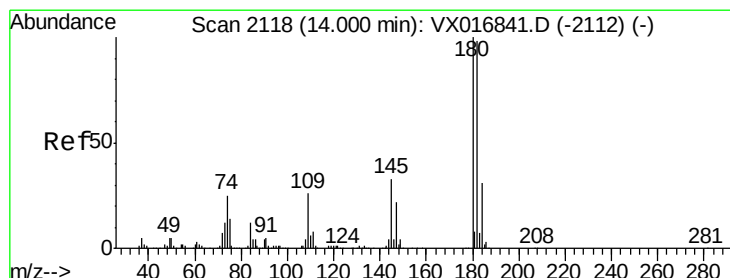
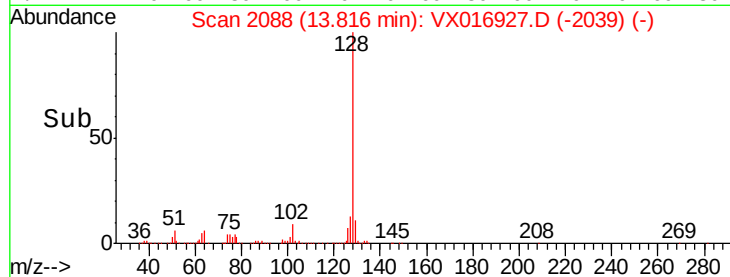
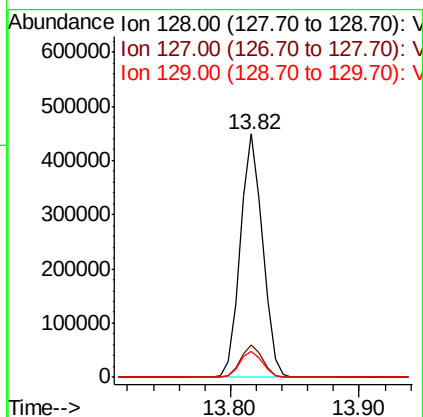
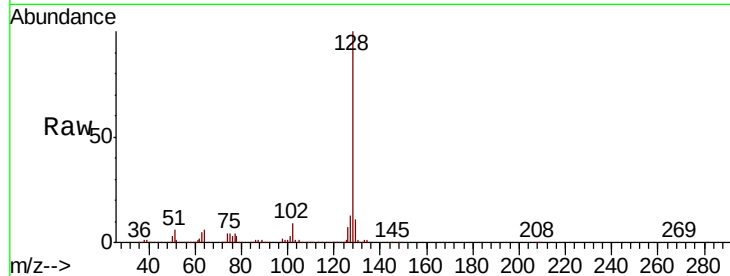




#95
Naphthalene
Concen: 33.043 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016927.D
Acq: 22 Jun 2020 18:07

Instrument :
MSVOA_X
ClientSampleId :
MW-27DL

Tot Ion:128 Resp: 537466
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.258 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016927.D
Acq: 22 Jun 2020 18:07

Tgt Ion:180 Resp: 1427
Ion Ratio Lower Upper
180 100
182 84.2 47.4 142.3
145 86.7 16.0 48.0#

