

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019100.D
 Acq On : 24 Oct 2020 02:37
 Operator : JC/SP
 Sample : L4417-17DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10DL

Quant Time: Oct 26 05:38:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	268137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	473334	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	448586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	237200	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	166244	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	
35) Dibromofluoromethane	5.46	113	144541	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	
50) Toluene-d8	8.70	98	587209	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.12	95	215810	53.05	ug/l	0.00
Spiked Amount			Recovery	=	106.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	743	Below Cal	#	59
6) Chloroethane	1.65	64	402	1.419	ug/l #	86
10) Methyl Iodide	2.49	142	406	4.874	ug/l #	90
13) Acrolein	2.25	56	484	15.491	ug/l #	1
14) Allyl chloride	2.75	41	1341	0.397	ug/l #	70
15) Acrylonitrile	3.15	53	3013	2.395	ug/l #	40
16) Acetone	2.37	43	27880	25.485	ug/l #	51
18) Methyl Acetate	2.82	43	72649	26.761	ug/l #	44
20) Methylene Chloride	2.83	84	1109	0.364	ug/l #	1
25) 2-Butanone	4.66	43	1218	0.705	ug/l #	85
29) Tetrahydrofuran	5.12	42	466	0.451	ug/l #	22
30) Chloroform	5.25	83	6929	1.316	ug/l #	28
31) Cyclohexane	5.56	56	29316	7.794	ug/l #	91
36) 1,1-Dichloropropene	5.63	75	20049	4.720	ug/l #	48
38) Carbon Tetrachloride	5.63	117	27366	6.139	ug/l #	16
39) Methylcyclohexane	7.44	83	24745	5.200	ug/l	93
40) Benzene	6.12	78	3962	0.317	ug/l	95
41) Methacrylonitrile	5.02	41	1449	0.744	ug/l #	26
43) Isopropyl Acetate	6.43	43	2040	0.332	ug/l #	55
47) Bromodichloromethane	7.93	83	2032	0.453	ug/l #	25
48) Methyl methacrylate	7.76	41	705	0.233	ug/l #	68
49) 1,4-Dioxane	7.70	88	20	0.293	ug/l #	1
52) Toluene	8.76	92	8932	1.081	ug/l	97
55) 1,1,2-Trichloroethane	9.15	97	2035	0.604	ug/l #	23
59) 2-Hexanone	9.49	43	732	0.272	ug/l	73
67) Ethyl Benzene	10.23	91	689487	42.510	ug/l	98
68) m/p-Xylenes	10.34	106	499235	80.352	ug/l	100
69) o-Xylene	10.68	106	14142	2.378	ug/l	96
73) Isopropylbenzene	11.00	105	567681	33.268	ug/l	100
76) 1,2,3-Trichloropropane	11.34	75	3938	0.831	ug/l #	1
78) n-propylbenzene	11.34	91	690778	35.726	ug/l	98
79) 2-Chlorotoluene	11.44	91	73503	6.516	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.49	105	631073	44.786	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.00	75	6061	3.257	ug/l #	57

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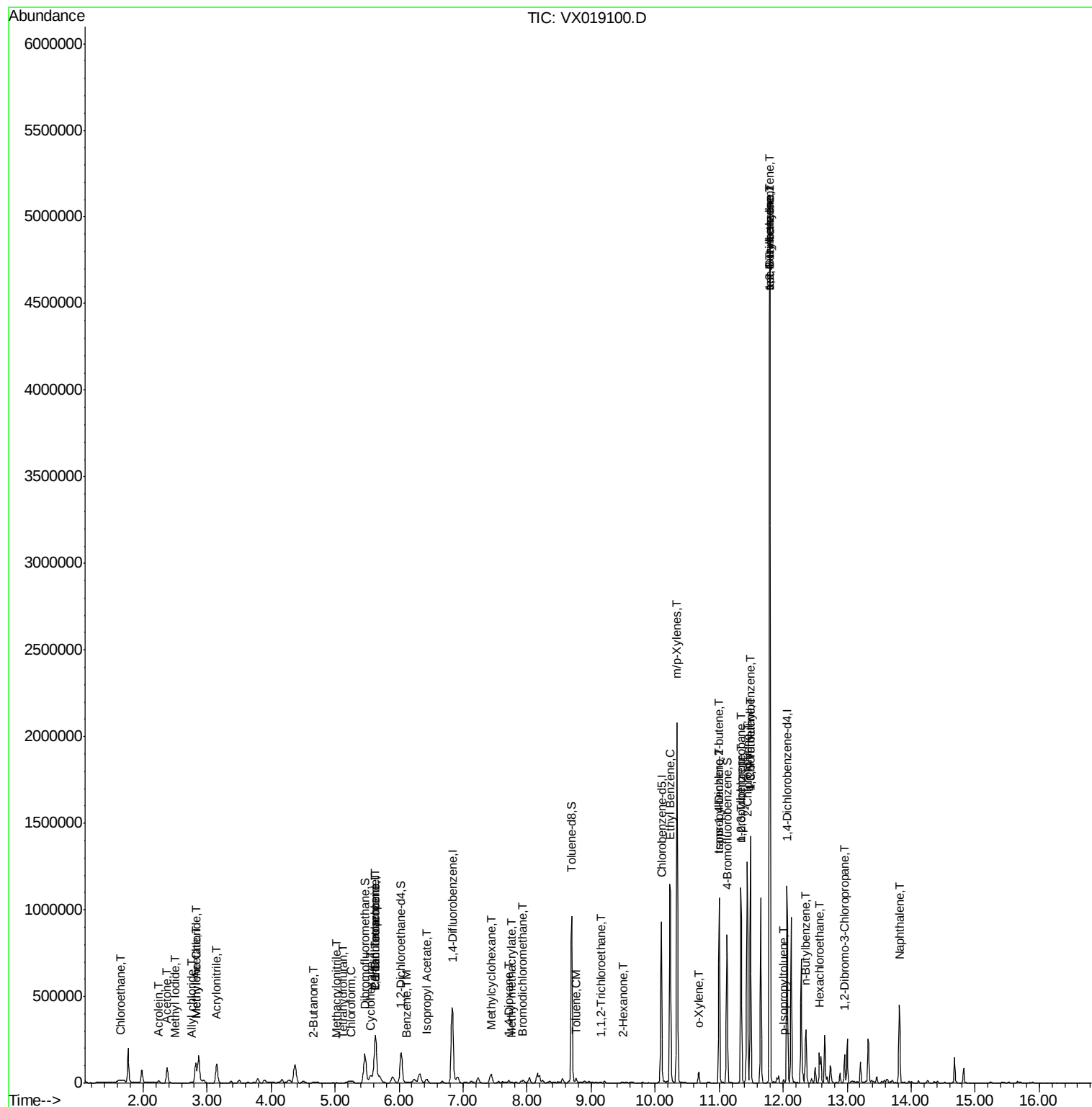
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.49	91	65607	4.888	ug/l #	44
83) tert-Butylbenzene	11.79	119	277862	20.017	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.79	105	2237762	158.596	ug/l	98
85) sec-Butylbenzene	11.79	105	2237762	133.220	ug/l #	56
86) p-Isopropyltoluene	12.01	119	9109	0.593	ug/l #	78
89) n-Butylbenzene	12.36	91	39383	2.803	ug/l #	11
90) Hexachloroethane	12.57	117	8535	3.632	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.96	75	571	0.488	ug/l #	1
95) Naphthalene	13.82	128	283762	16.725	ug/l	100

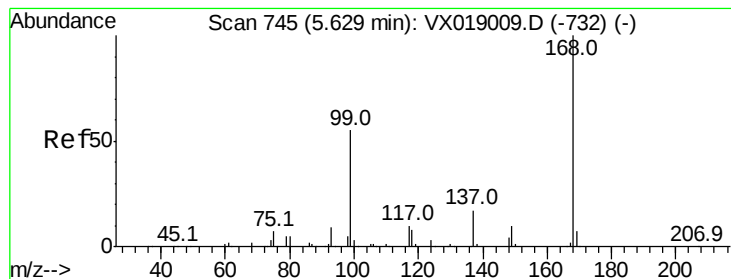
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019100.D

Acq: 24 Oct 2020 02:37

Instrument :

MSVOA_X

ClientSampleId :

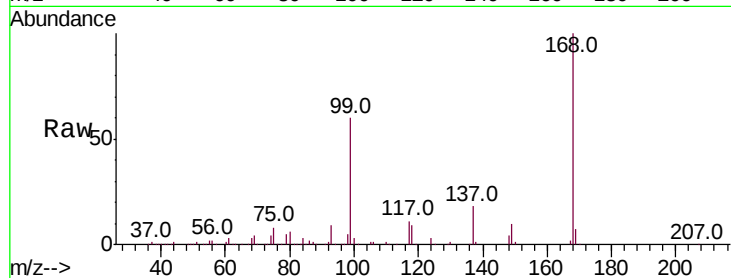
MW-10DL

Tot Ion:168 Resp: 268137

Ion Ratio Lower Upper

168 100

99 60.4 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

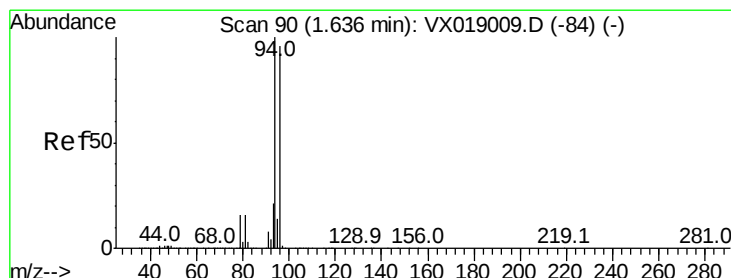
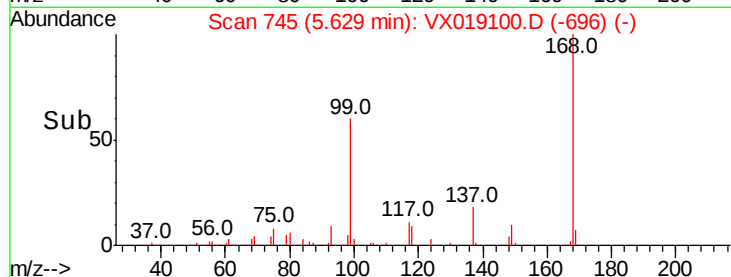
40000

20000

0

Time-->

5.50 5.60 5.70



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019100.D

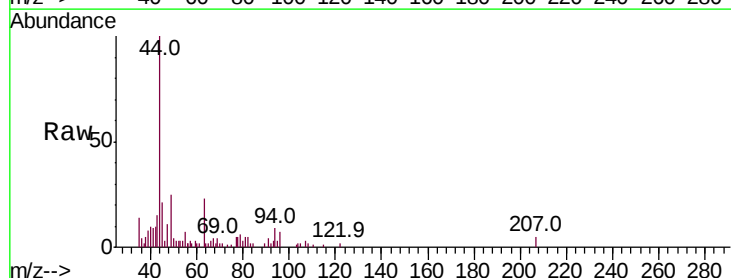
Acq: 24 Oct 2020 02:37

Tgt Ion: 94 Resp: 743

Ion Ratio Lower Upper

94 100

96 56.7 77.1 115.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

400

300

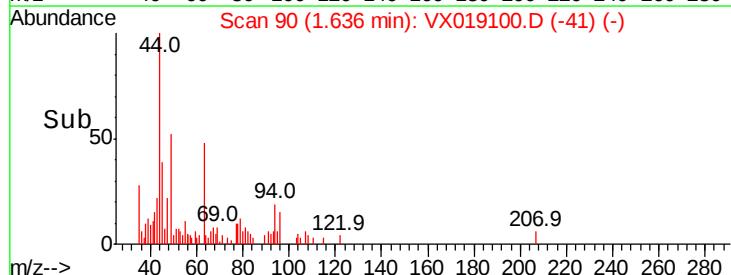
200

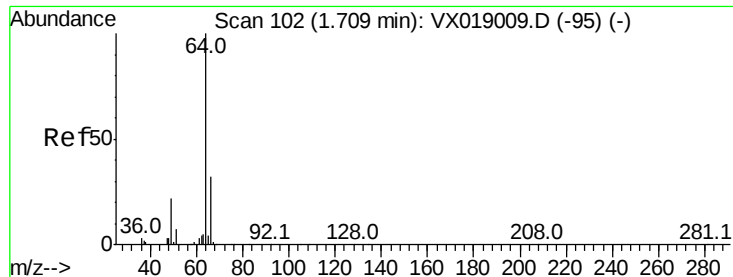
100

0

Time-->

1.60 1.65 1.70





#6

Chloroethane

Concen: 1.419 ug/l

RT: 1.65 min Scan# 93

Delta R.T. -0.05 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

Instrument :

MSVOA_X

ClientSampleId :

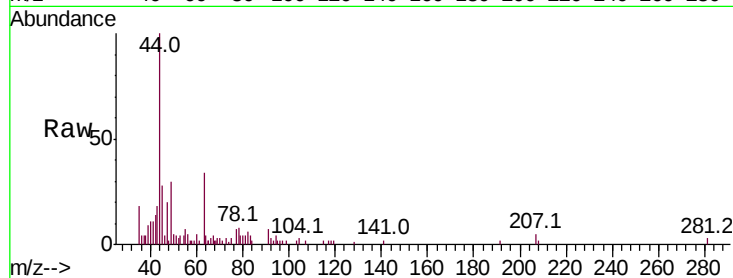
MW-10DL

Tot Ion: 64 Resp: 402

Ion Ratio Lower Upper

64 100

66 40.0 25.7 38.5#

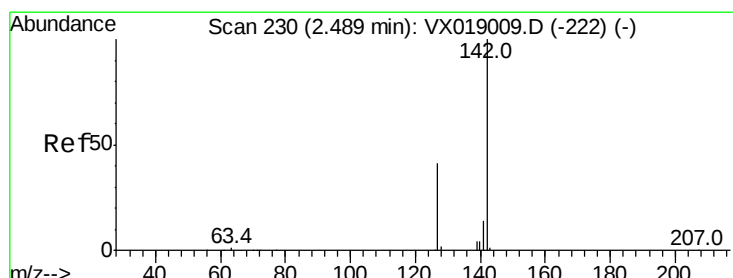
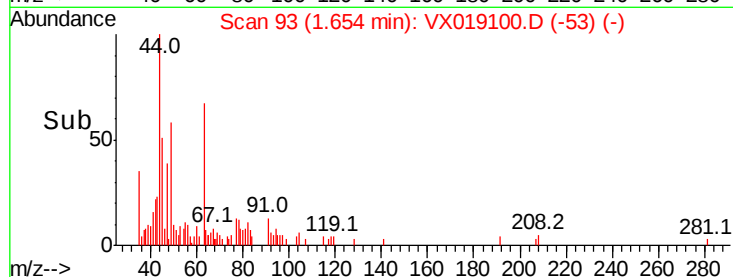


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.65

Time-->



#10

Methyl Iodide

Concen: 4.874 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

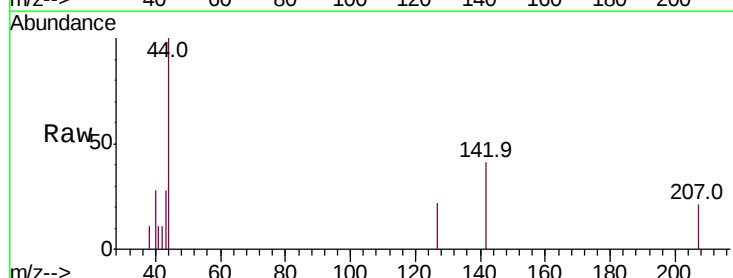
Tgt Ion: 142 Resp: 406

Ion Ratio Lower Upper

142 100

127 40.9 33.6 50.4

141 0.0 11.2 16.8#



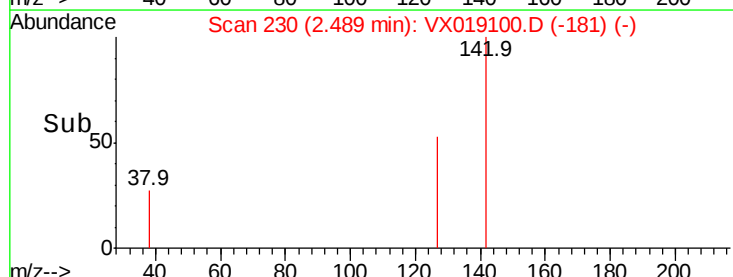
Abundance Ion 141.80 (141.50 to 142.50): V

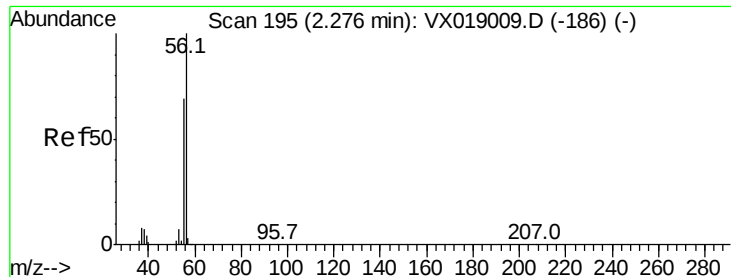
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.49

Time-->





#13

Acrolein

Concen: 15.491 ug/l

RT: 2.25 min Scan# 190

Delta R.T. -0.03 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

Instrument :

MSVOA_X

ClientSampleId :

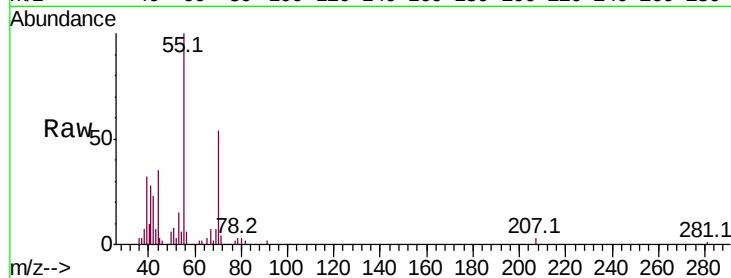
MW-10DL

Tot Ion: 56 Resp: 484

Ion Ratio Lower Upper

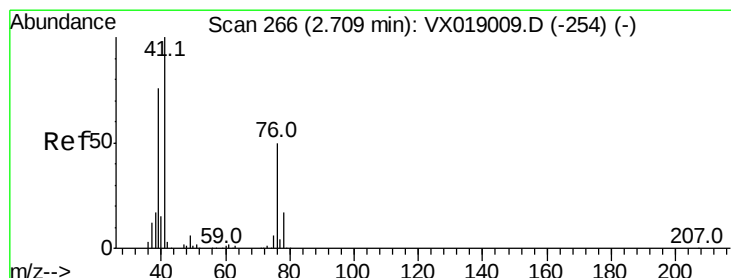
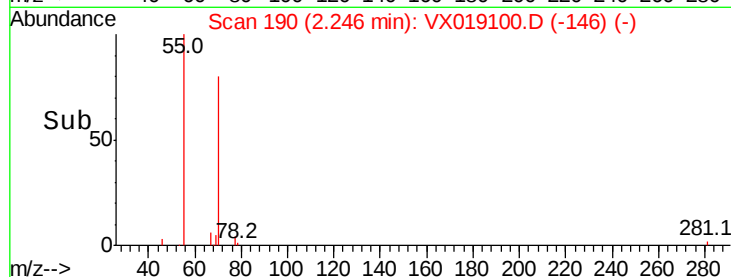
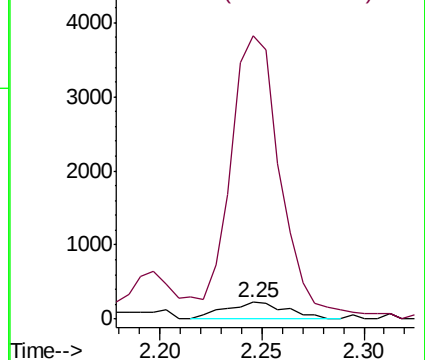
56 100

55 1353.3 54.2 81.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.397 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.04 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

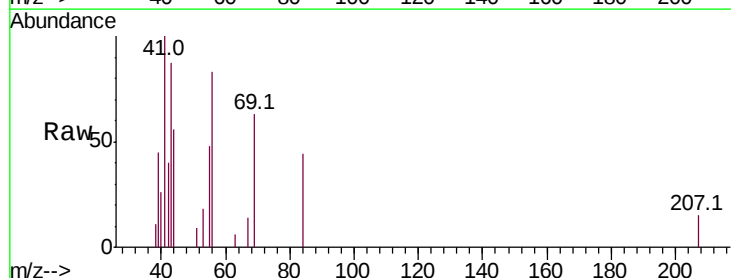
Tgt Ion: 41 Resp: 1341

Ion Ratio Lower Upper

41 100

39 68.9 57.4 86.0

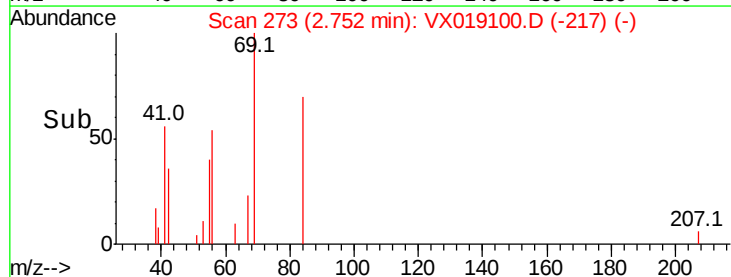
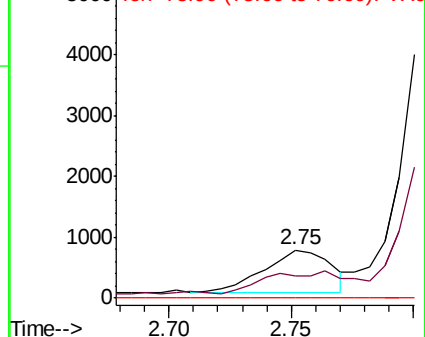
76 0.0 37.7 56.5#

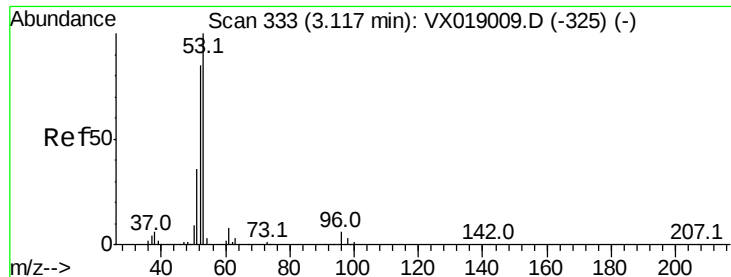


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 2.395 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.03 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

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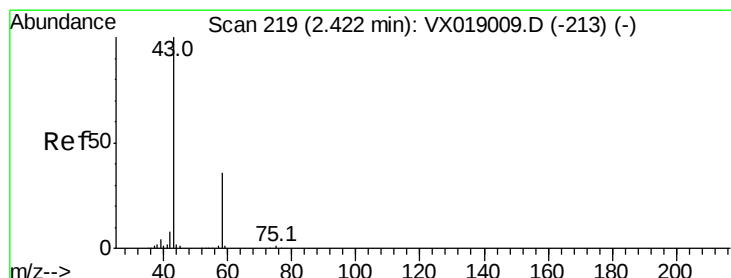
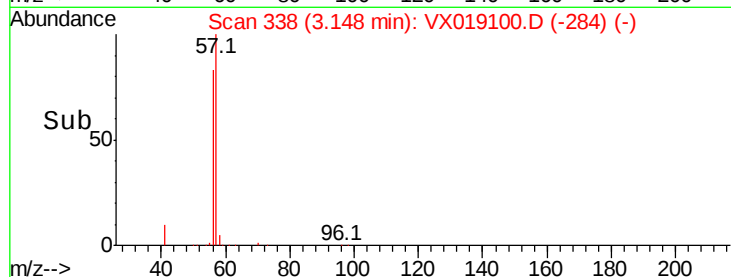
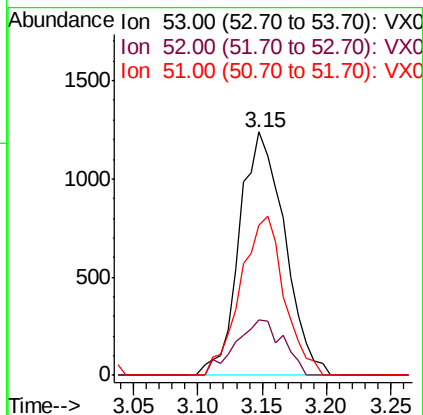
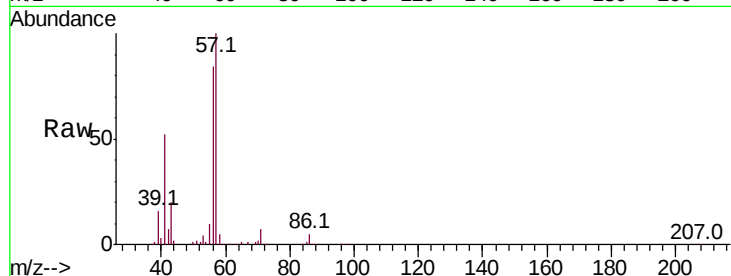
Tot Ion: 53 Resp: 3013

Ion Ratio Lower Upper

53 100

52 24.0 65.9 98.9#

51 63.2 28.3 42.5#



#16

Acetone

Concen: 25.485 ug/l

RT: 2.37 min Scan# 211

Delta R.T. -0.05 min

Lab File: VX019100.D

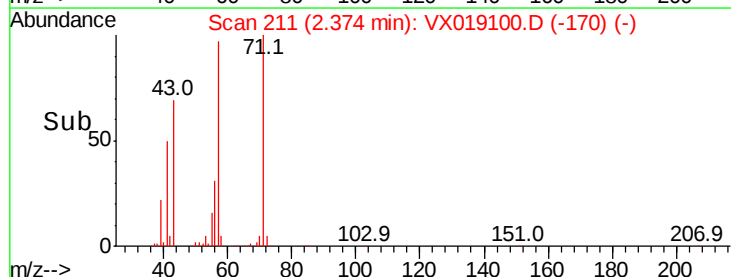
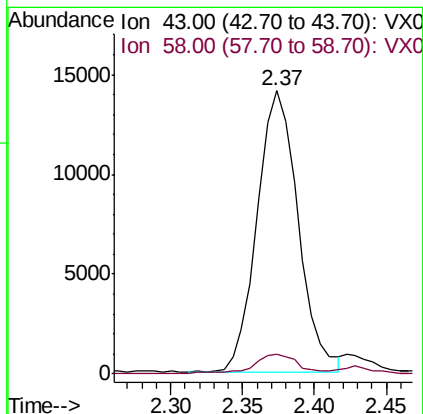
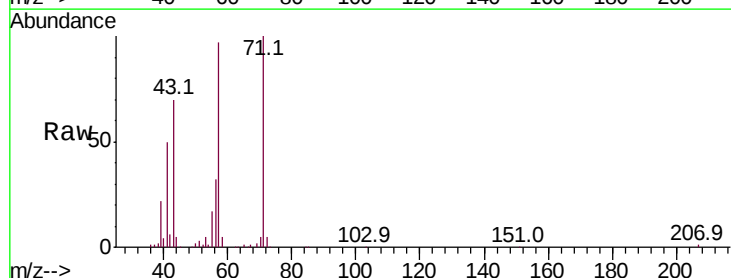
Acq: 24 Oct 2020 02:37

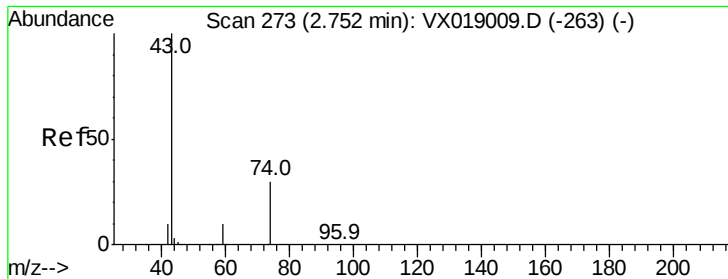
Tgt Ion: 43 Resp: 27880

Ion Ratio Lower Upper

43 100

58 7.2 28.6 42.8#

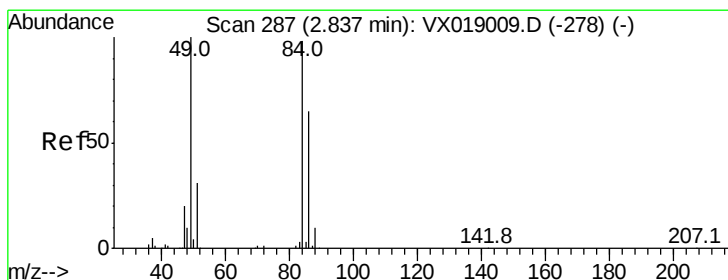
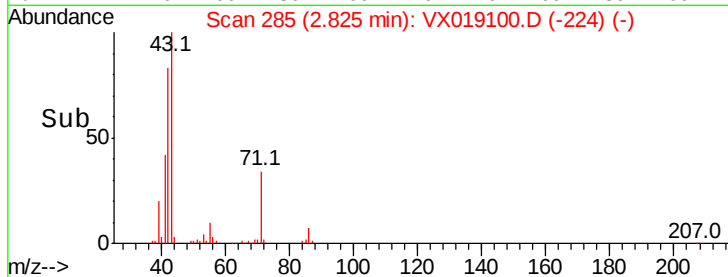
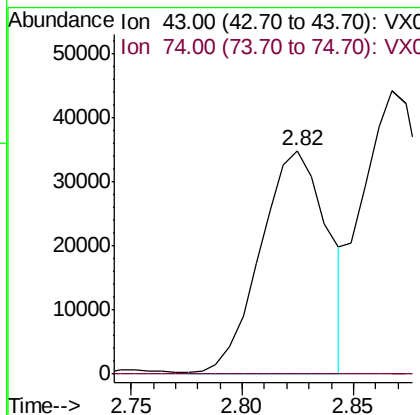
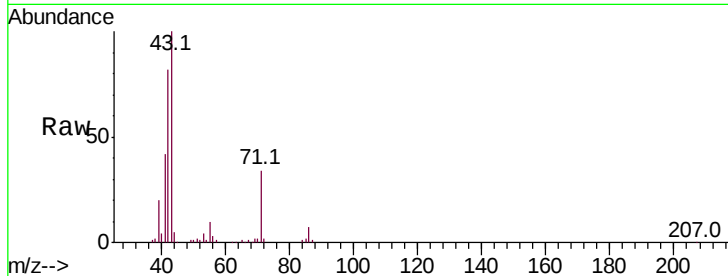




#18
Methyl Acetate
Concen: 26.761 ug/l
RT: 2.82 min Scan# 285
Delta R.T. 0.07 min
Lab File: VX019100.D
Acq: 24 Oct 2020 02:37

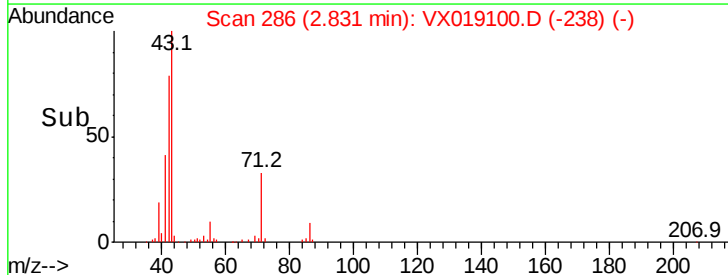
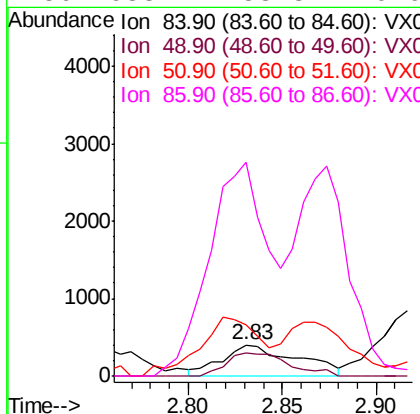
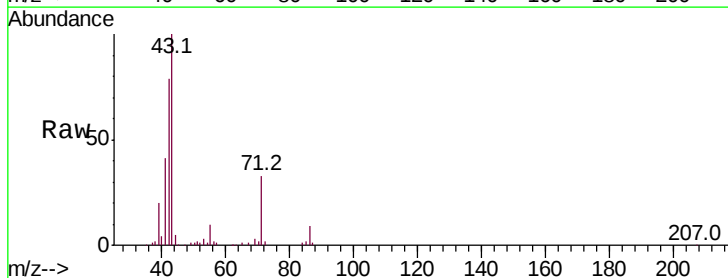
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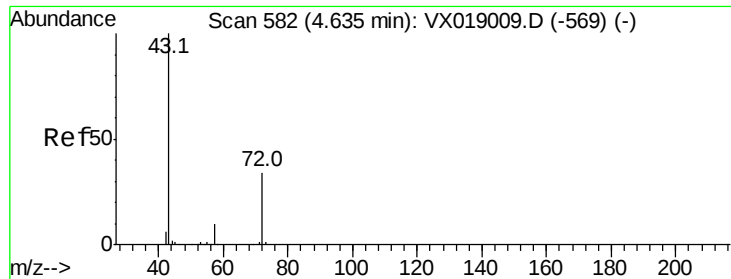
Tot Ion: 43 Resp: 72649
Ion Ratio Lower Upper
43 100
74 0.0 24.9 37.3#



#20
Methylene Chloride
Concen: 0.364 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019100.D
Acq: 24 Oct 2020 02:37

Tgt Ion: 84 Resp: 1109
Ion Ratio Lower Upper
84 100
49 94.3 81.6 122.4
51 129.6 25.6 38.4#
86 683.1 53.3 79.9#

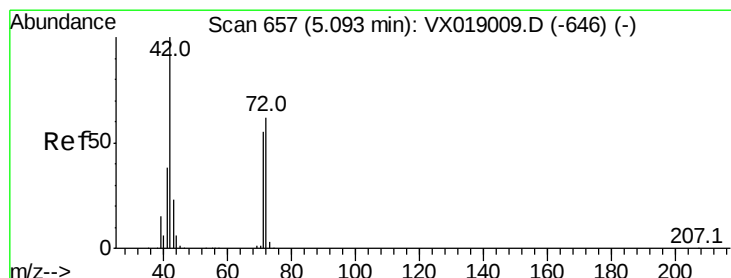
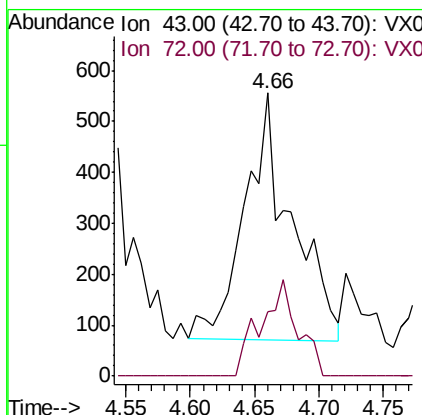
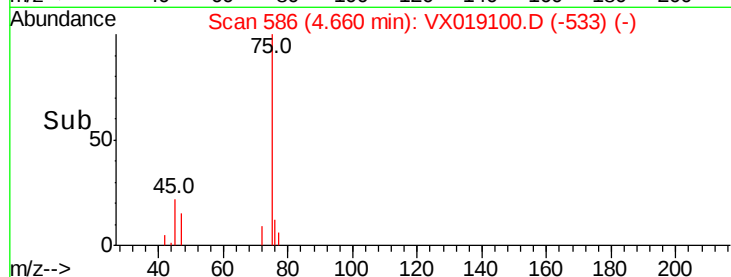
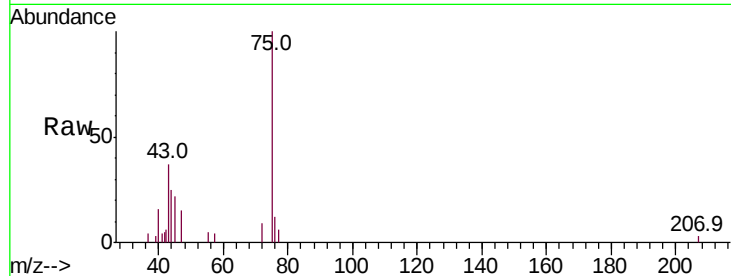




#25
2-Butanone
Concen: 0.705 ug/l
RT: 4.66 min Scan# 586
Delta R.T. 0.02 min
Lab File: VX019100.D
Acq: 24 Oct 2020 02:37

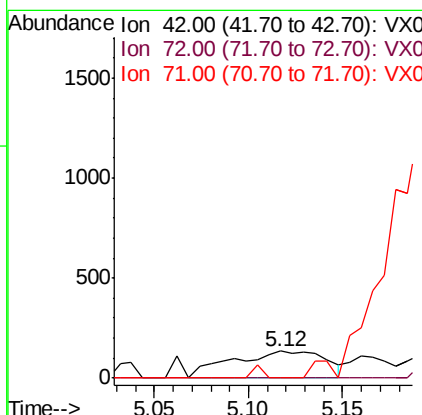
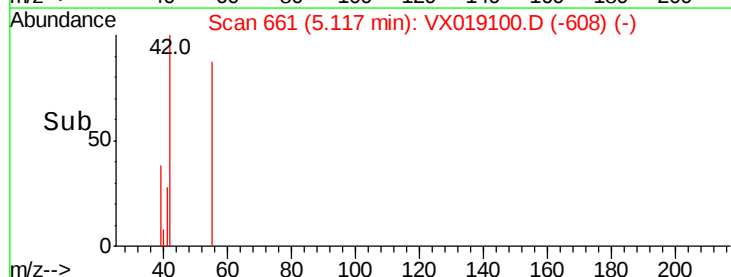
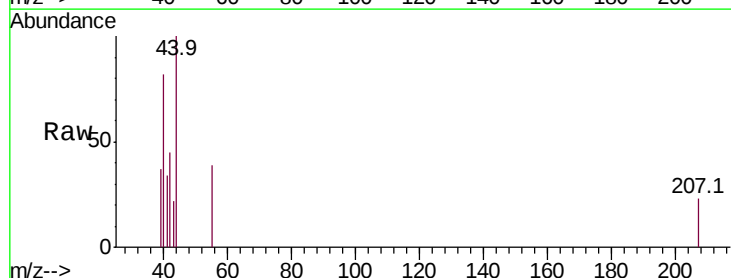
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ClientSampled :
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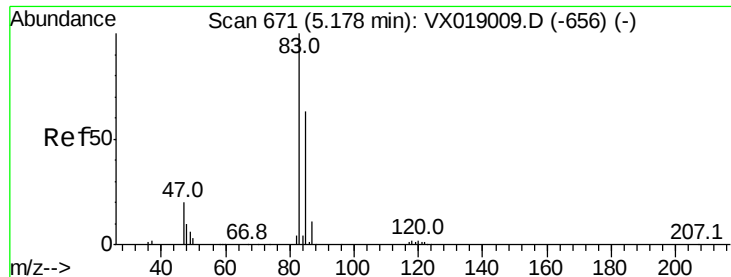
Tot Ion: 43 Resp: 1218
Ion Ratio Lower Upper
43 100
72 26.3 27.8 41.6#



#29
Tetrahydrofuran
Concen: 0.451 ug/l
RT: 5.12 min Scan# 661
Delta R.T. 0.02 min
Lab File: VX019100.D
Acq: 24 Oct 2020 02:37

Tgt Ion: 42 Resp: 466
Ion Ratio Lower Upper
42 100
72 0.0 49.1 73.7#
71 0.0 44.2 66.4#

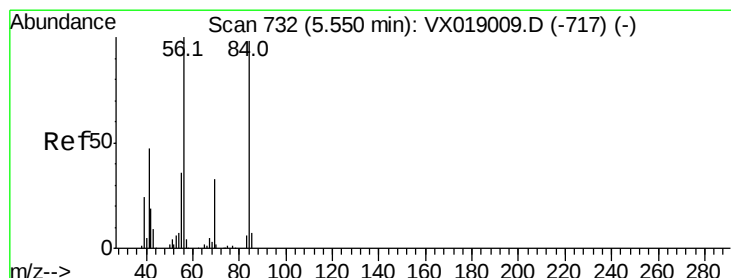
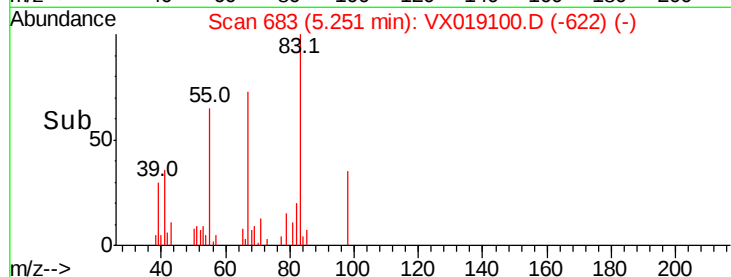
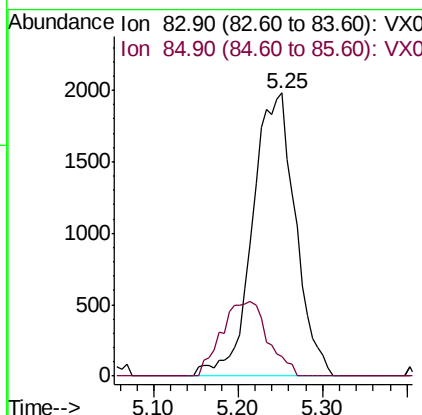
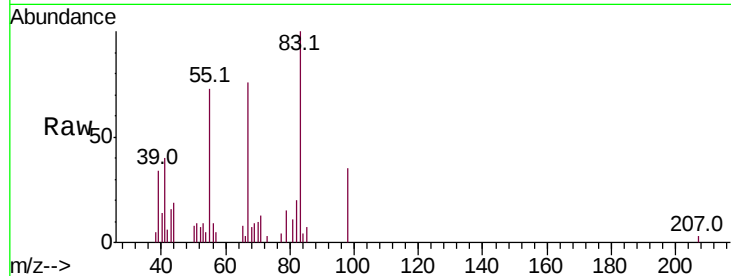




#30
Chloroform
Concen: 1.316 ug/l
RT: 5.25 min Scan# 683
Delta R.T. 0.07 min
Lab File: VX019100.D
Acq: 24 Oct 2020 02:37

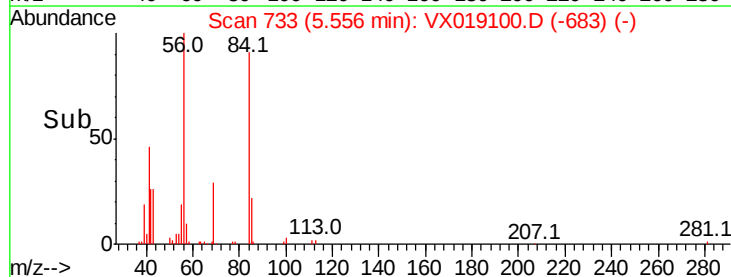
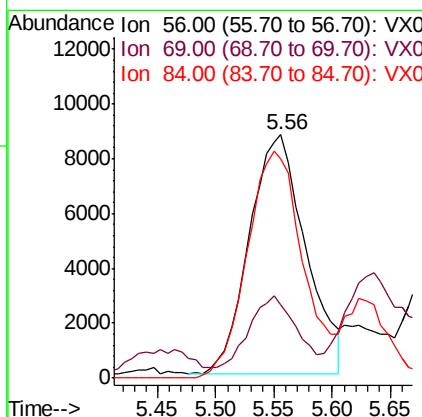
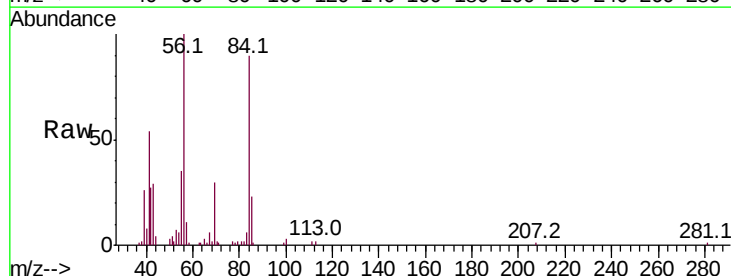
Instrument :
MSVOA_X
ClientSampleId :
MW-10DL

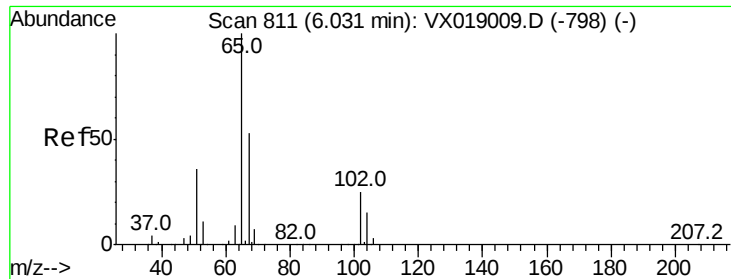
Tot Ion: 83 Resp: 6929
Ion Ratio Lower Upper
83 100
85 7.0 50.5 75.7#



#31
Cyclohexane
Concen: 7.794 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX019100.D
Acq: 24 Oct 2020 02:37

Tgt Ion: 56 Resp: 29316
Ion Ratio Lower Upper
56 100
69 22.4 26.2 39.2#
84 91.4 78.3 117.5

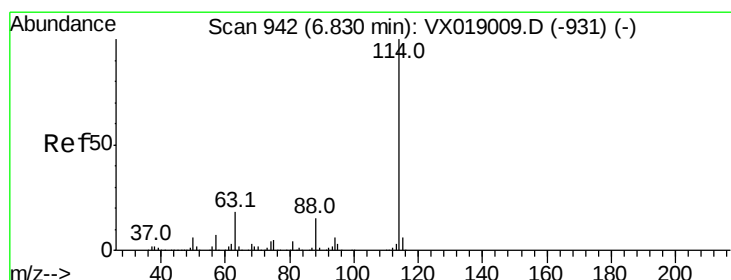
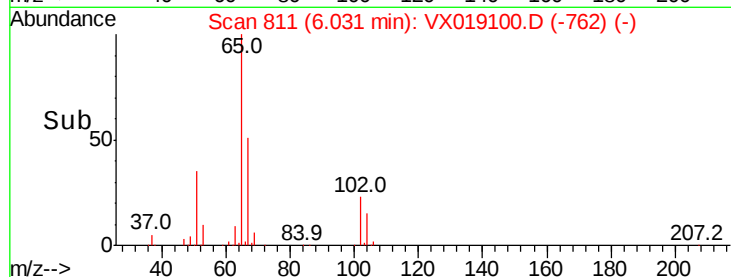
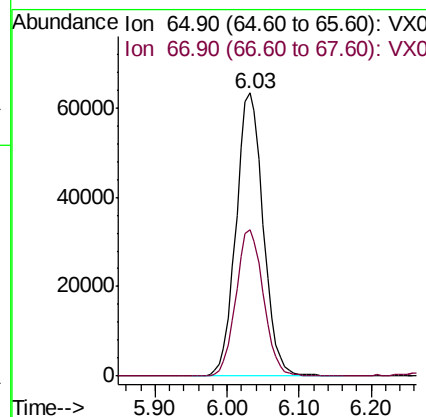
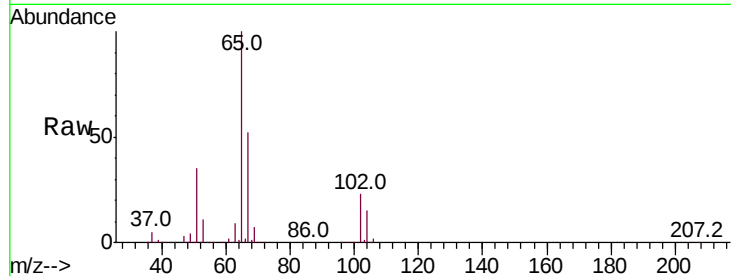




#33
 1,2-Dichloroethane-d4
 Concen: 51.760 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019100.D
 Acq: 24 Oct 2020 02:37

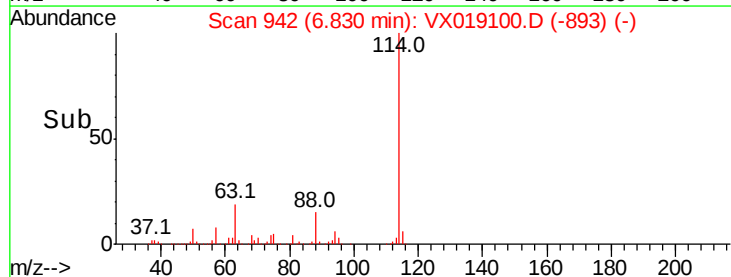
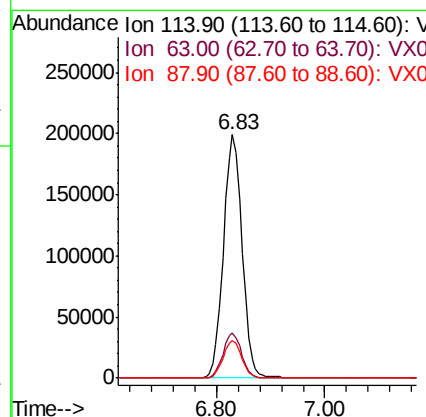
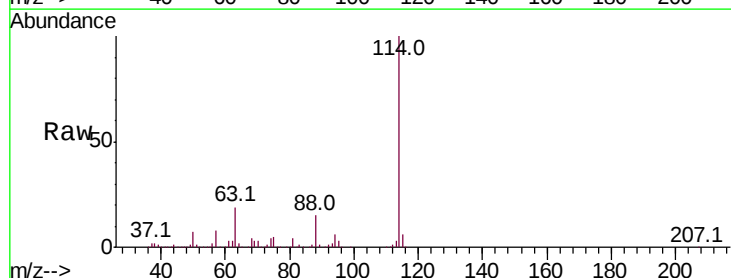
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10DL

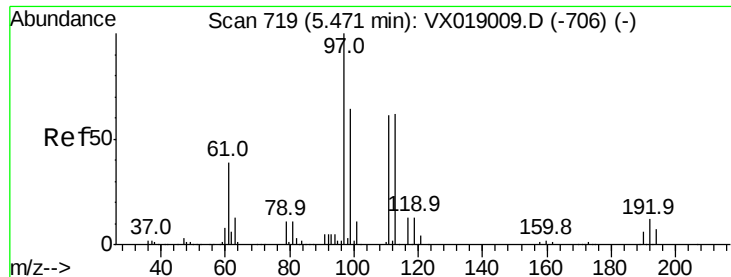
Tot Ion: 65 Resp: 166244
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019100.D
 Acq: 24 Oct 2020 02:37

Tgt Ion:114 Resp: 473334
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.8
 88 15.2 0.0 30.2

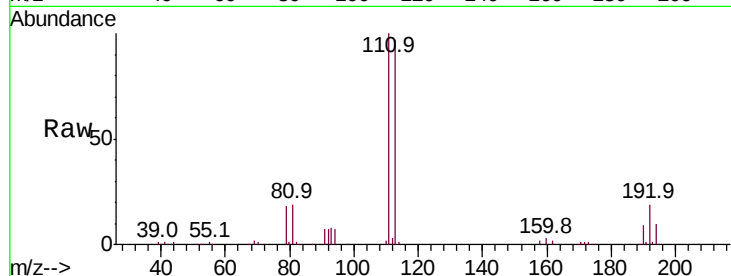




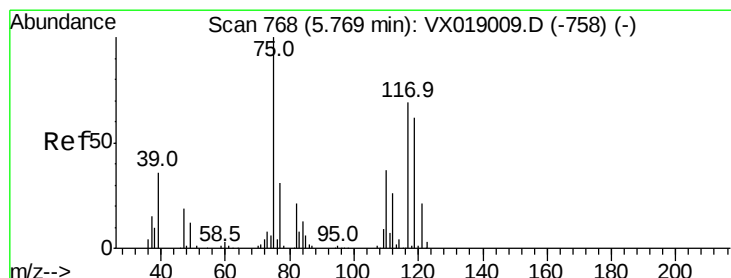
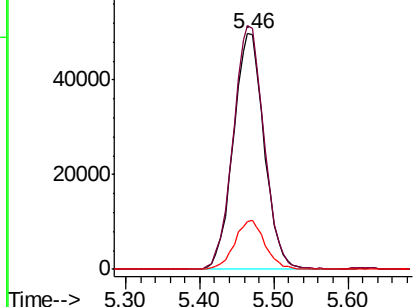
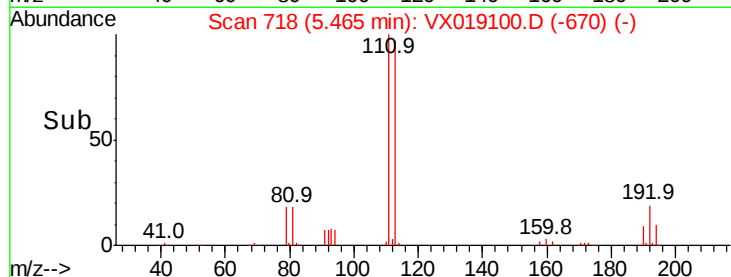
#35
 Dibromofluoromethane
 Concen: 48.231 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX019100.D
 Acq: 24 Oct 2020 02:37

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10DL

Tot Ion:113 Resp: 144541
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.5 122.3
 192 20.3 16.3 24.5

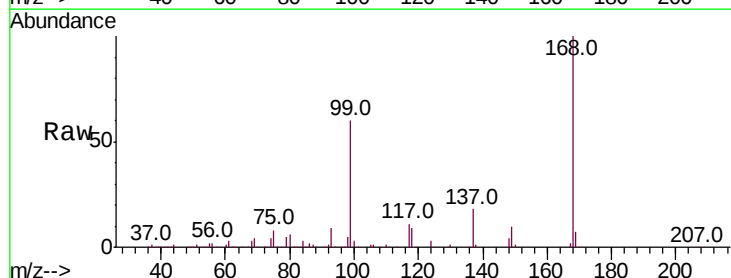


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

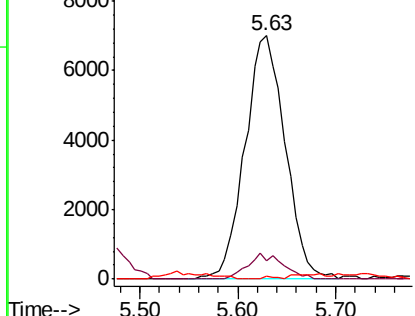
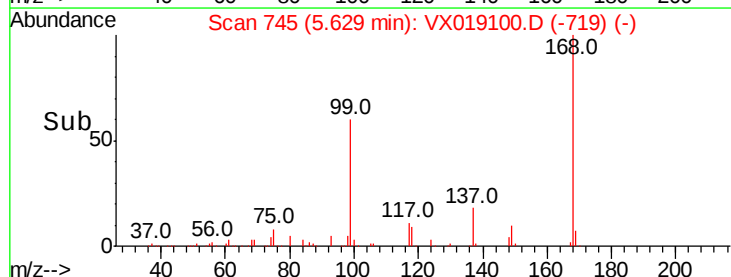


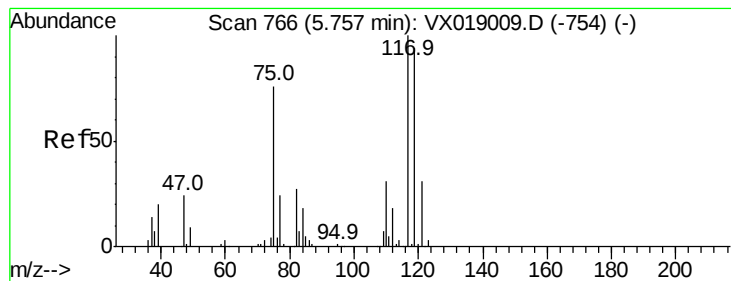
#36
 1,1-Dichloropropene
 Concen: 4.720 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX019100.D
 Acq: 24 Oct 2020 02:37

Tgt Ion: 75 Resp: 20049
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.4 58.2#
 77 0.3 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.139 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

Instrument :

MSVOA_X

ClientSampleId :

MW-10DL

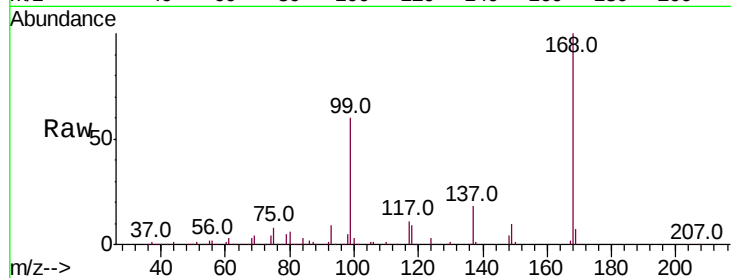
Tot Ion:117 Resp: 27366

Ion Ratio Lower Upper

117 100

119 3.6 75.4 113.0#

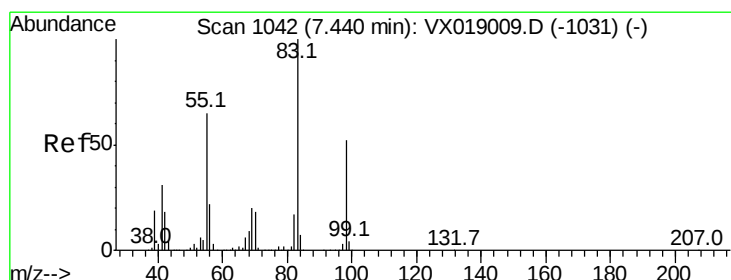
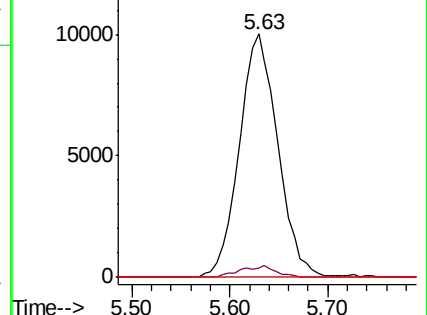
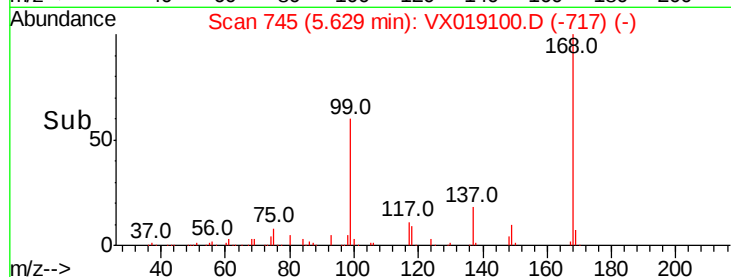
121 0.0 25.0 37.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 5.200 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

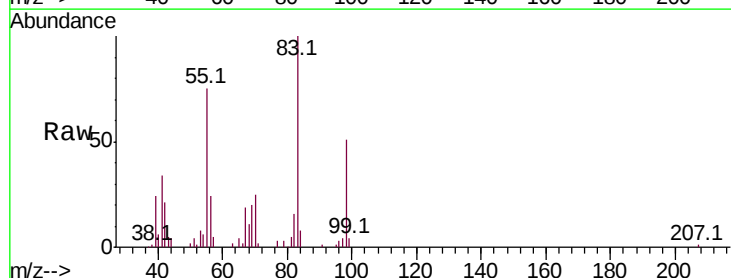
Tgt Ion: 83 Resp: 24745

Ion Ratio Lower Upper

83 100

55 74.3 51.8 77.6

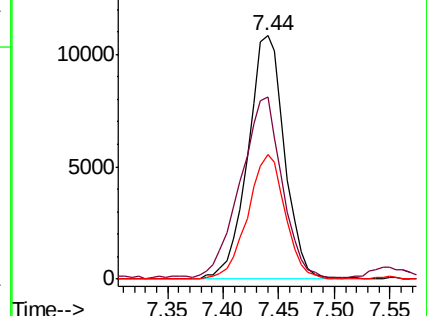
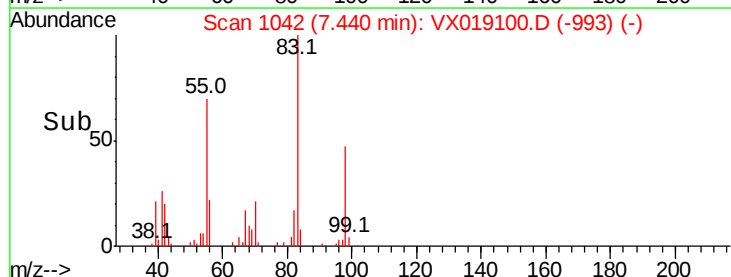
98 51.2 41.4 62.2

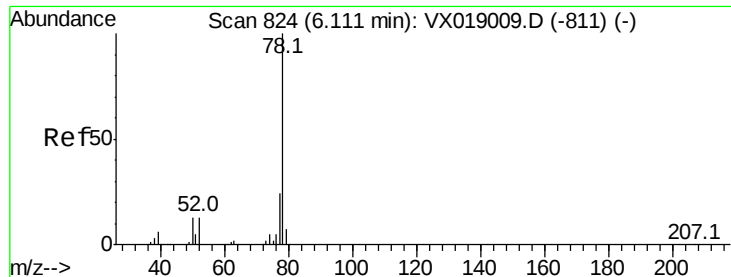


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.317 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

Instrument :

MSVOA_X

ClientSampleId :

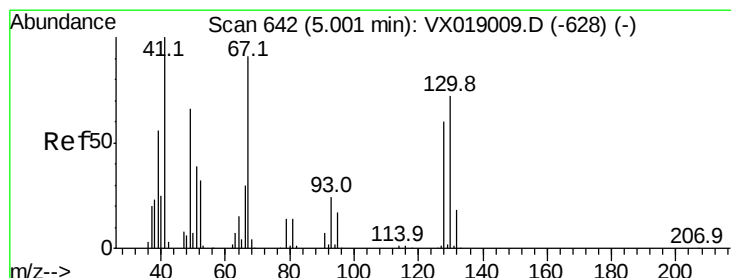
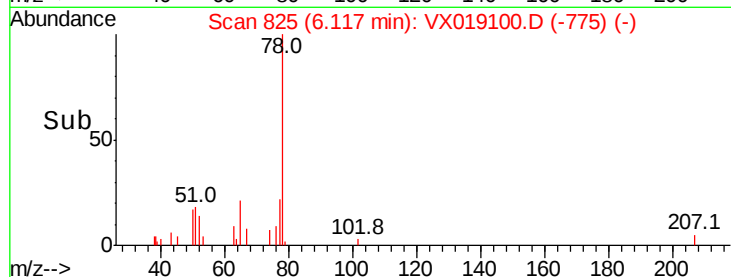
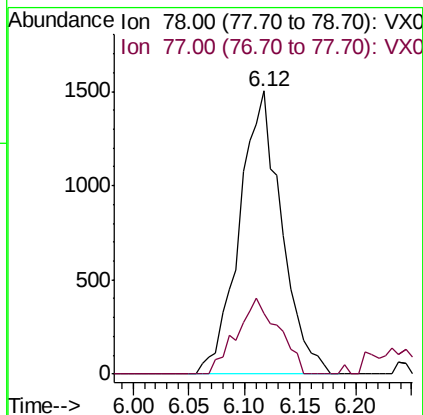
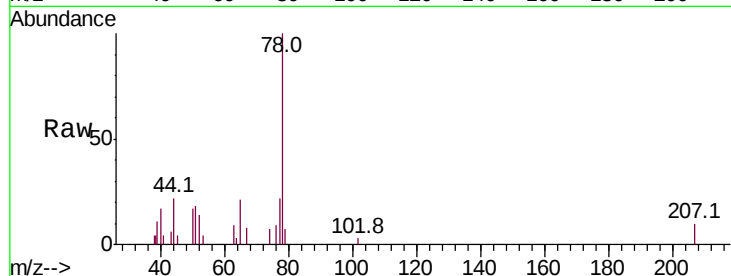
MW-10DL

Tot Ion: 78 Resp: 3962

Ion Ratio Lower Upper

78 100

77 21.6 19.3 28.9



#41

Methacrylonitrile

Concen: 0.744 ug/l

RT: 5.02 min Scan# 645

Delta R.T. 0.02 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

Tgt Ion: 41 Resp: 1449

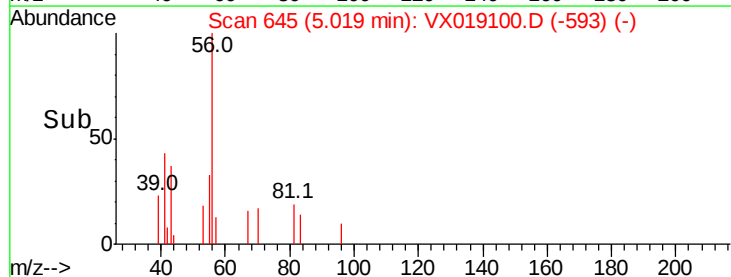
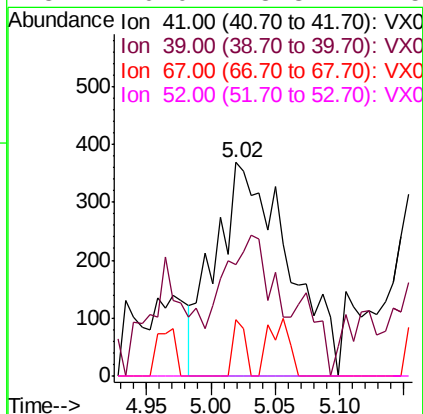
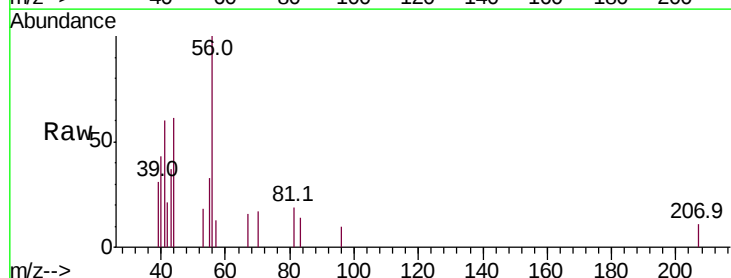
Ion Ratio Lower Upper

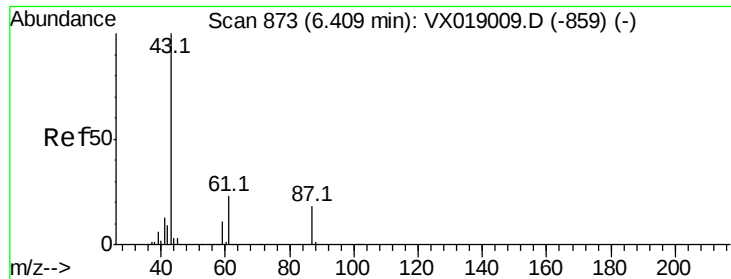
41 100

39 25.2 44.6 67.0#

67 0.0 76.1 114.1#

52 0.0 28.3 42.5#





#43

Isopropyl Acetate

Concen: 0.332 ug/l

RT: 6.43 min Scan# 876

Delta R.T. 0.02 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

Instrument :

MSVOA_X

ClientSampled :

MW-10DL

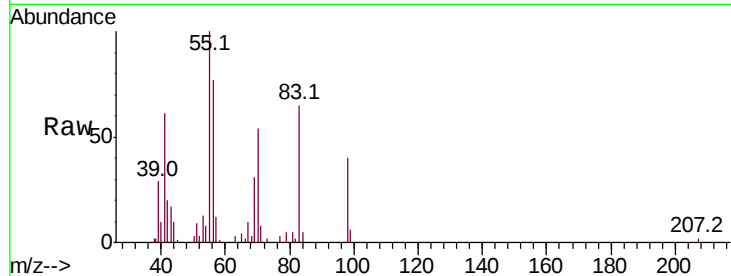
Tot Ion: 43 Resp: 2040

Ion Ratio Lower Upper

43 100

61 0.0 18.7 28.1#

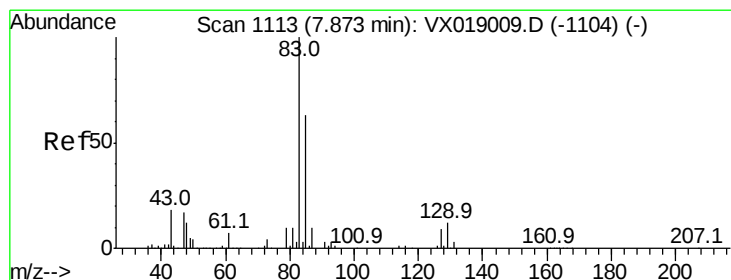
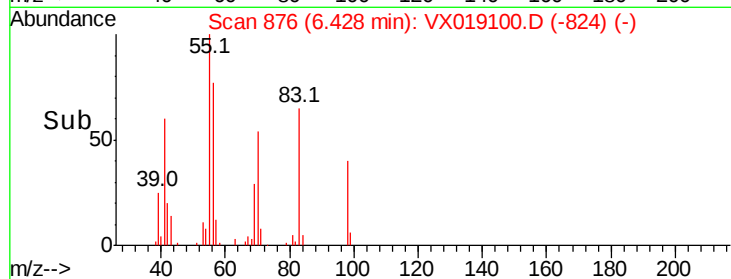
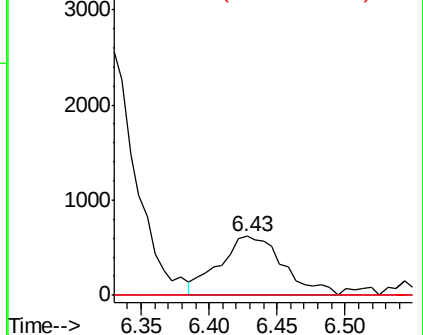
87 0.0 14.2 21.4#



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



#47

Bromodichloromethane

Concen: 0.453 ug/l

RT: 7.93 min Scan# 1122

Delta R.T. 0.05 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

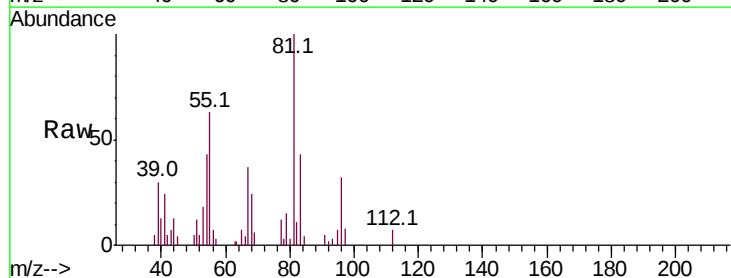
Tgt Ion: 83 Resp: 2032

Ion Ratio Lower Upper

83 100

85 0.0 50.7 76.1#

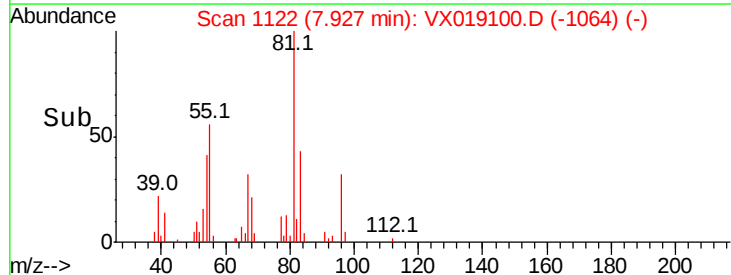
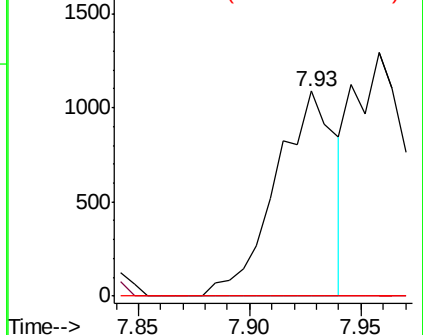
127 0.0 6.8 10.2#

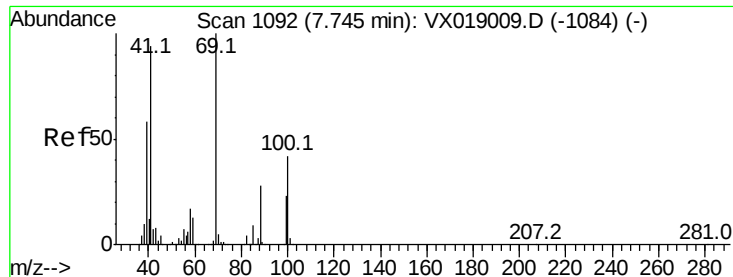


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V





#48

Methvl methacrvlte

Concen: 0.233 ug/l

RT: 7.76 min Scan# 1095

Delta R.T. 0.02 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

Instrument :

MSVOA_X

ClientSampled :

MW-10DL

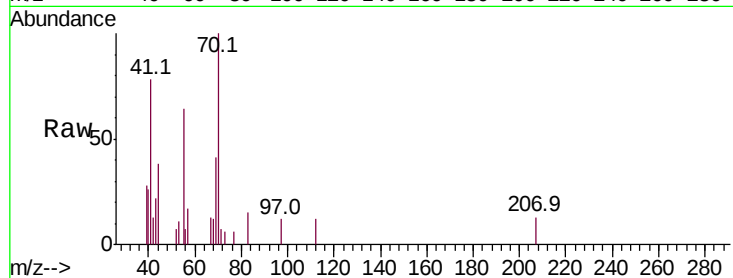
Tot Ion: 41 Resp: 705

Ion Ratio Lower Upper

41 100

69 111.5 85.5 128.3

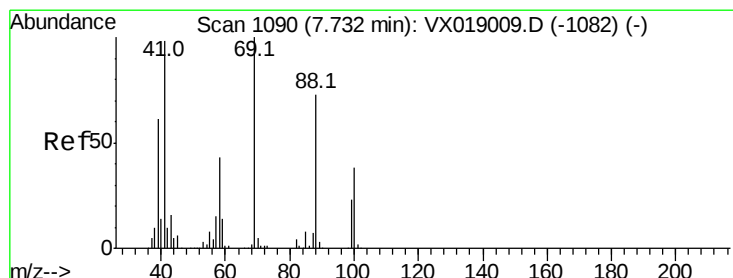
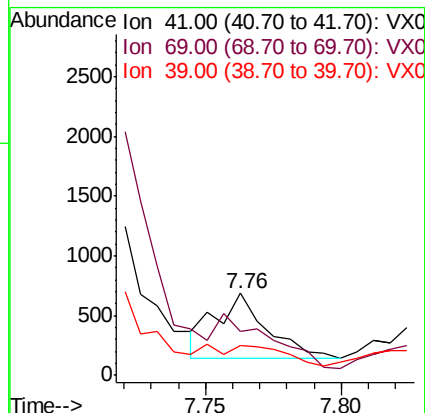
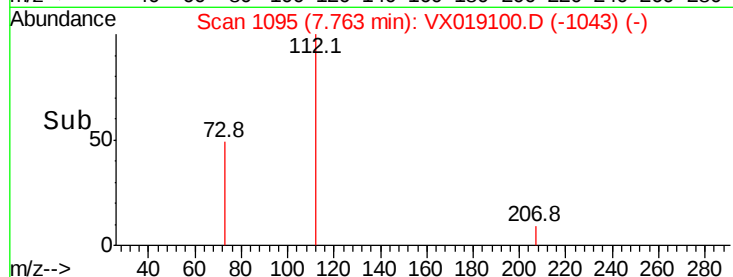
39 0.0 49.3 73.9#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#49

1,4-Dioxane

Concen: 0.293 ug/l

RT: 7.70 min Scan# 1085

Delta R.T. -0.03 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

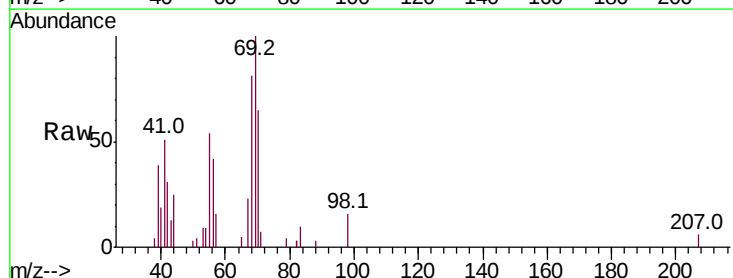
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 1470.0 20.3 30.5#

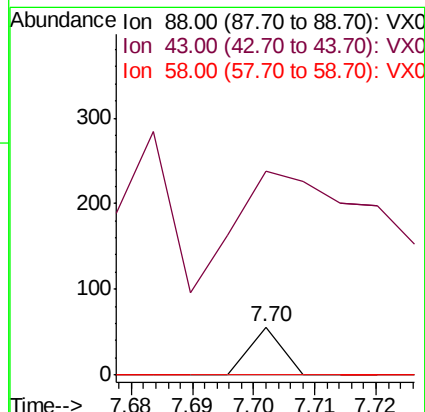
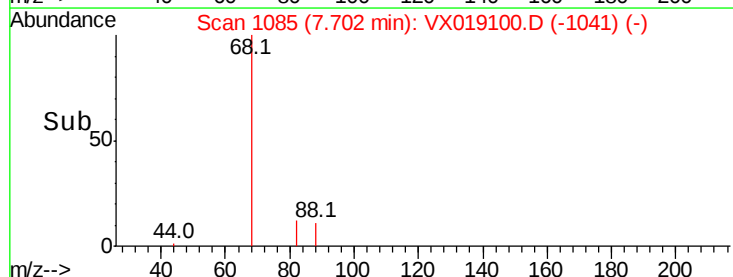
58 0.0 48.4 72.6#

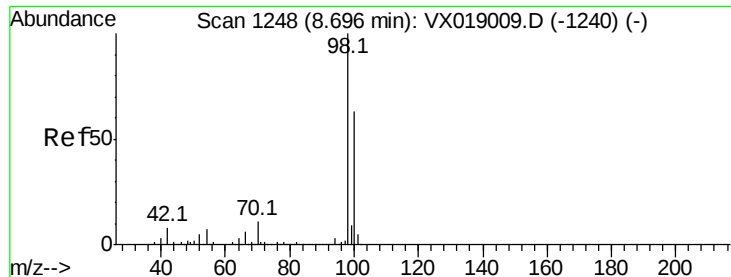


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

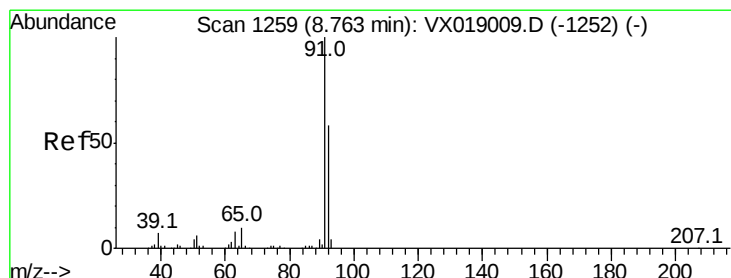
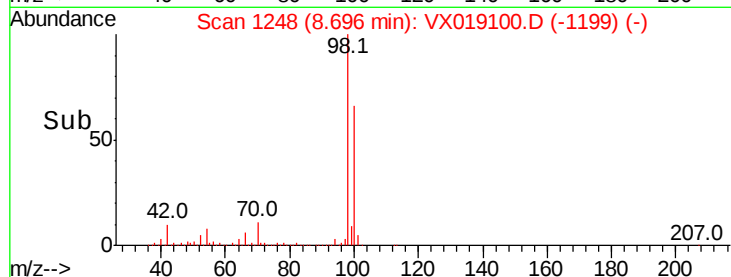
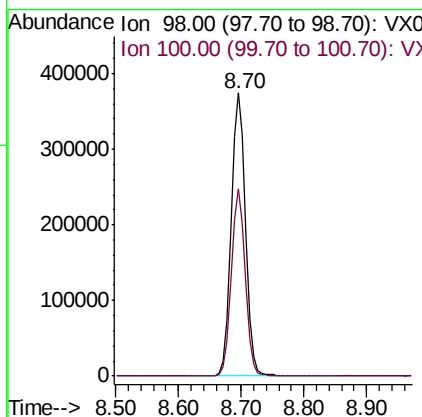
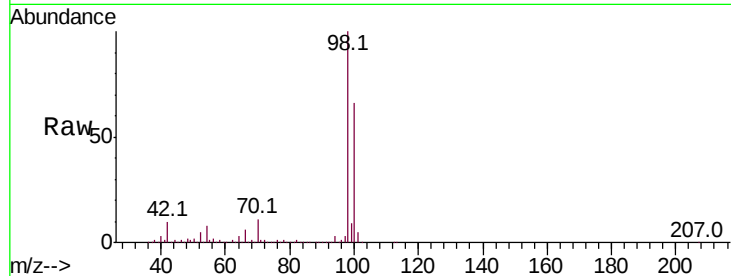




#50
Toluene-d8
Concen: 51.347 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019100.D
Acq: 24 Oct 2020 02:37

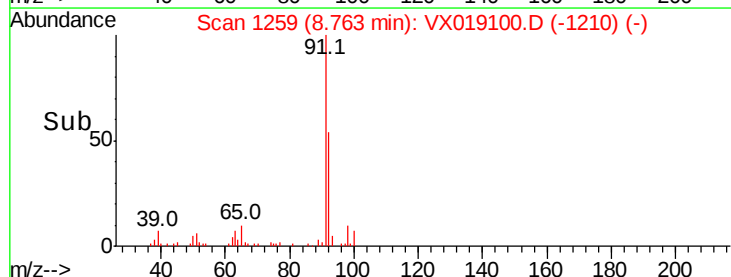
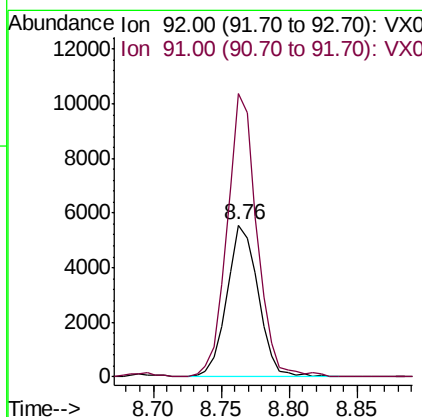
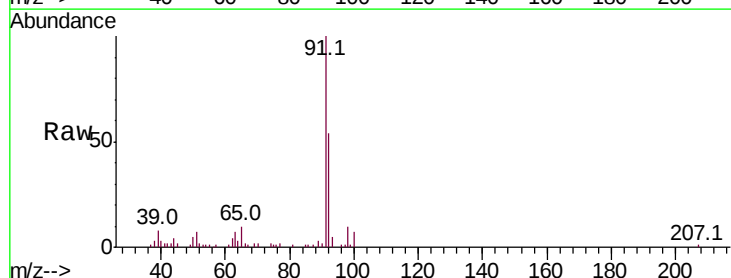
Instrument :
MSVOA_X
ClientSampleId :
MW-10DL

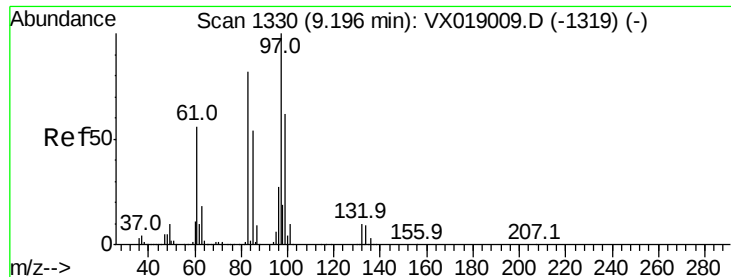
Tot Ion: 98 Resp: 587209
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#52
Toluene
Concen: 1.081 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX019100.D
Acq: 24 Oct 2020 02:37

Tgt Ion: 92 Resp: 8932
Ion Ratio Lower Upper
92 100
91 177.0 138.6 208.0





#55

1,1,2-Trichloroethane

Concen: 0.604 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.05 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

Instrument :

MSVOA_X

ClientSampleId :

MW-10DL

Tot Ion: 97 Resp: 2035

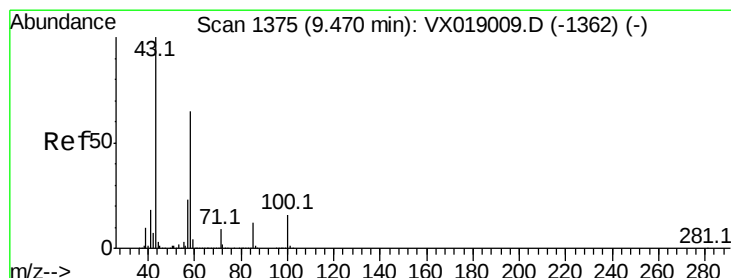
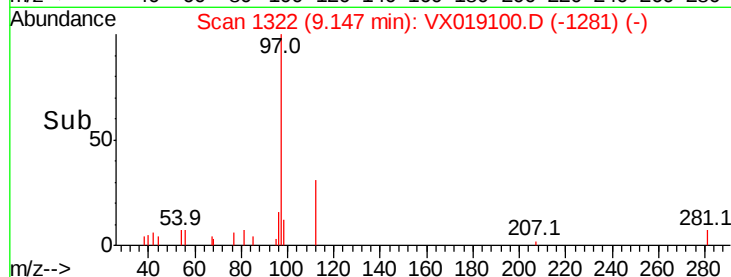
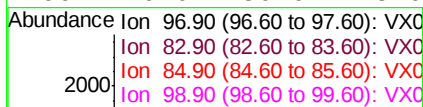
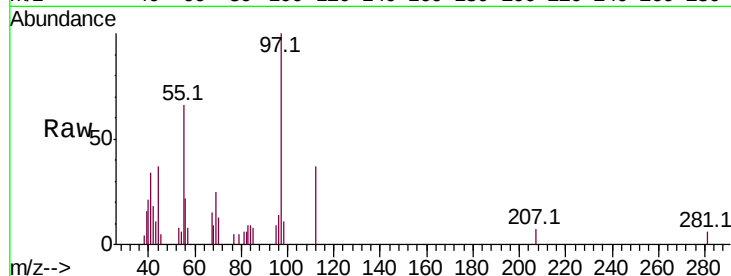
Ion Ratio Lower Upper

97 100

83 8.6 65.4 98.2#

85 8.0 43.3 64.9#

99 0.0 50.0 75.0#



#59

2-Hexanone

Concen: 0.272 ug/l

RT: 9.49 min Scan# 1378

Delta R.T. 0.02 min

Lab File: VX019100.D

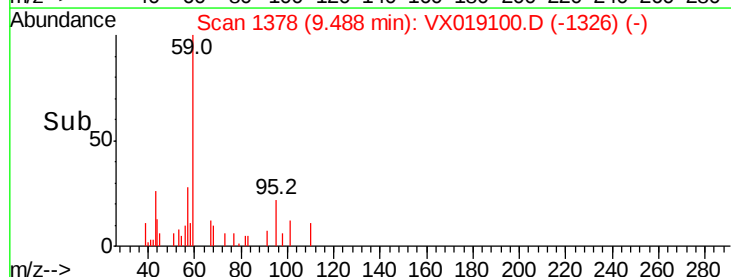
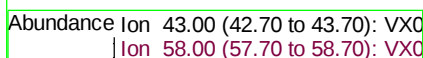
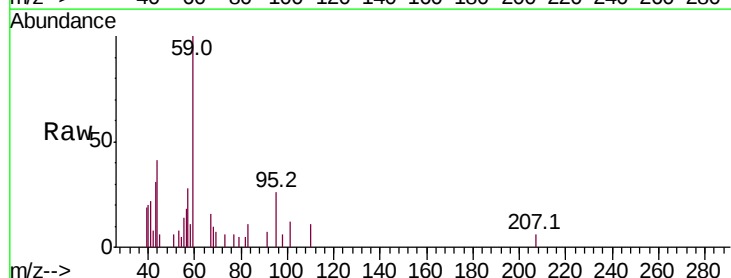
Acq: 24 Oct 2020 02:37

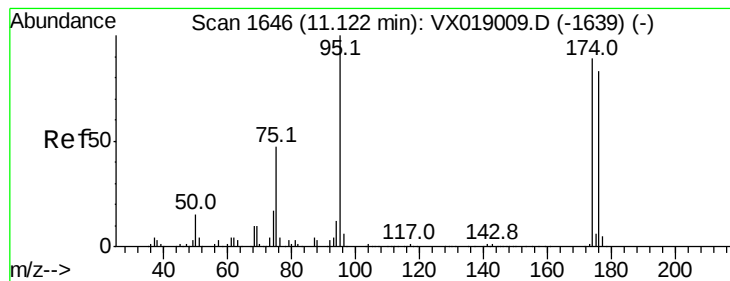
Tgt Ion: 43 Resp: 732

Ion Ratio Lower Upper

43 100

58 44.5 32.8 98.4





#62

4-Bromofluorobenzene

Concen: 53.053 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

Instrument :

MSVOA_X

ClientSampleId :

MW-10DL

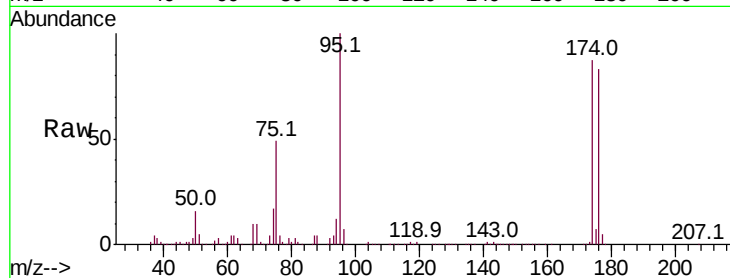
Tot Ion: 95 Resp: 215810

Ion Ratio Lower Upper

95 100

174 83.5 0.0 167.6

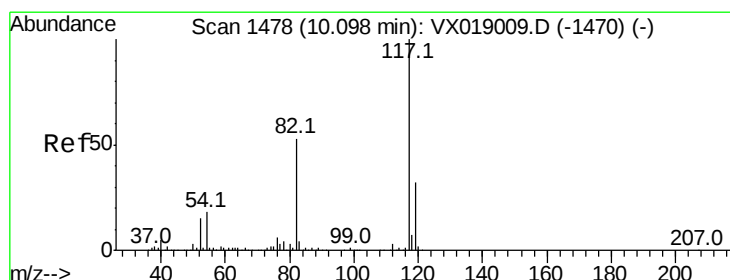
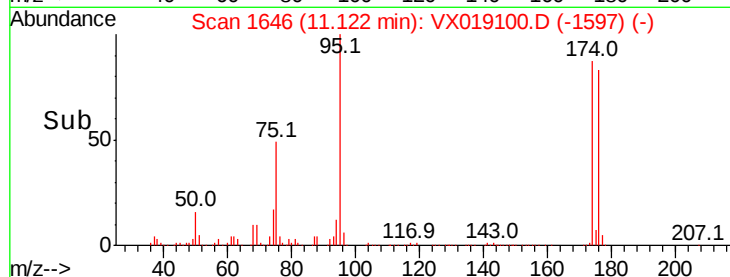
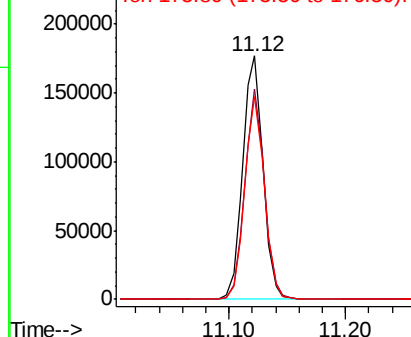
176 81.2 0.0 165.2



Abundance Ion 94.90 (94.60 to 95.60): VX019100.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX019100.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX019100.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

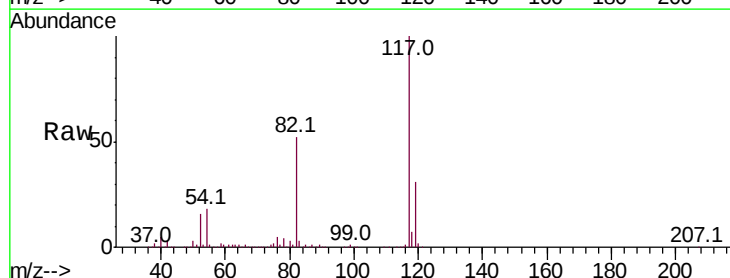
Tgt Ion: 117 Resp: 448586

Ion Ratio Lower Upper

117 100

82 52.0 42.4 63.6

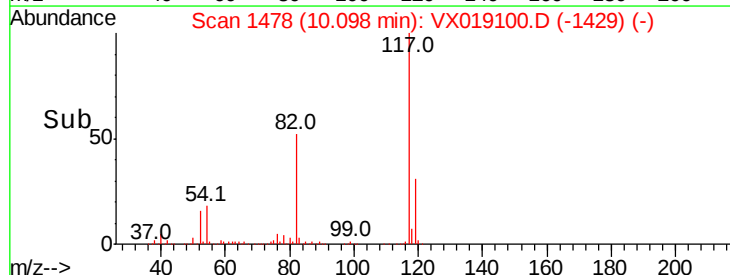
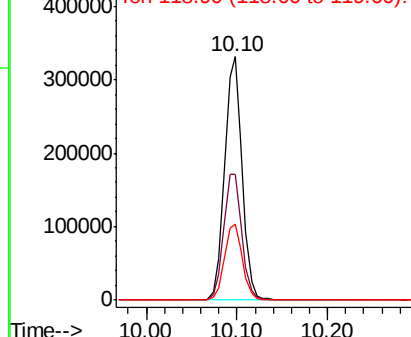
119 31.4 25.6 38.4

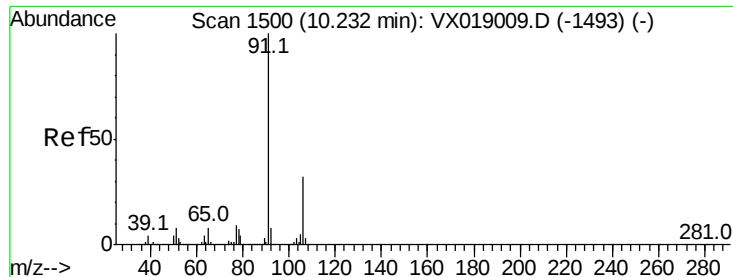


Abundance Ion 116.90 (116.60 to 117.60): VX019100.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX019100.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX019100.D (-1429) (-)

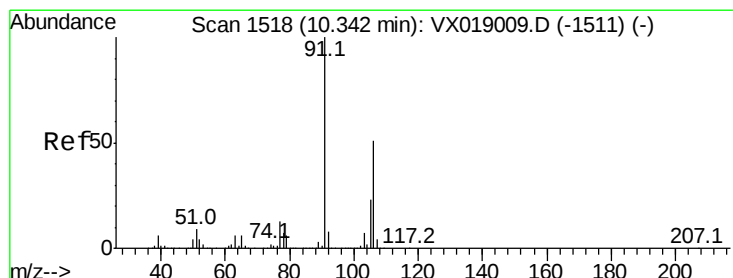
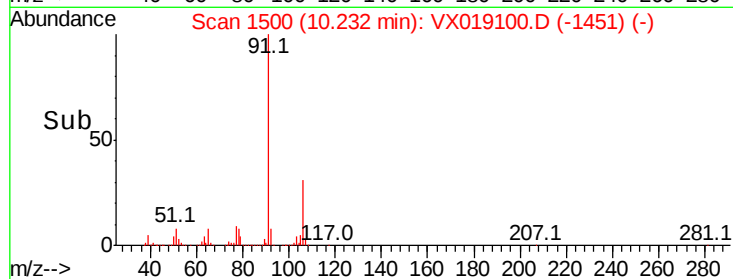
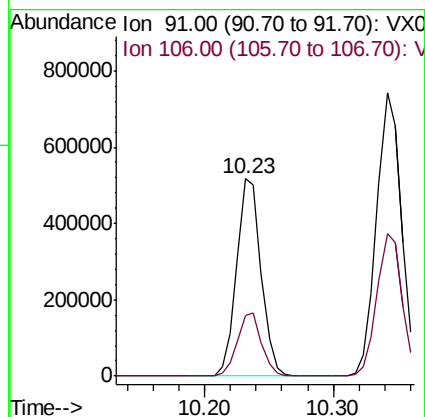
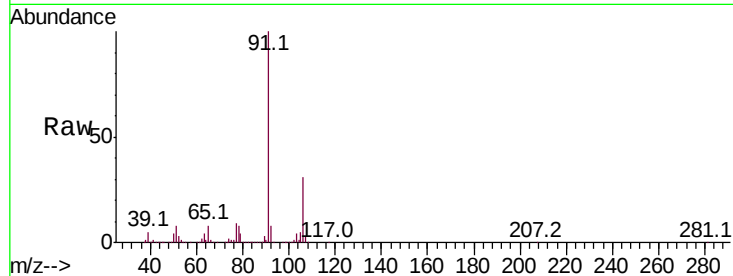




#67
Ethyl Benzene
Concen: 42.510 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019100.D
Acq: 24 Oct 2020 02:37

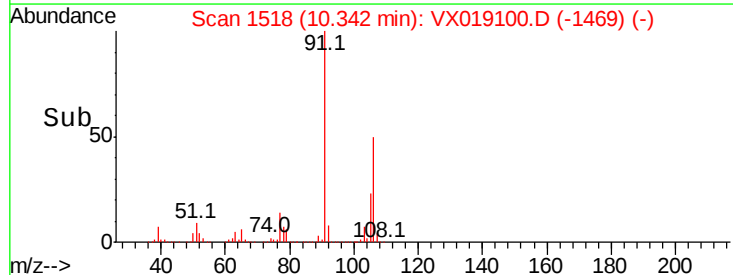
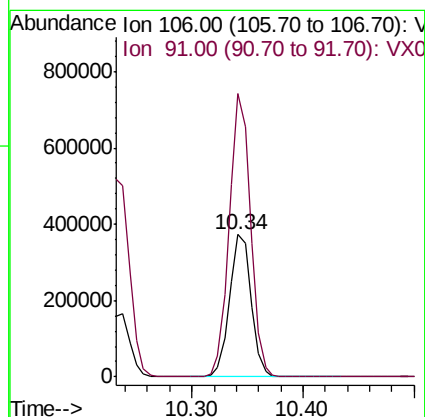
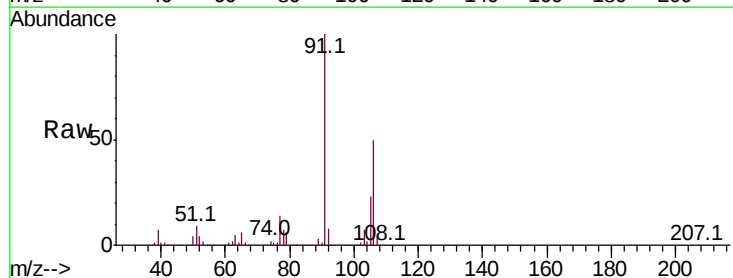
Instrument :
MSVOA_X
ClientSampled :
MW-10DL

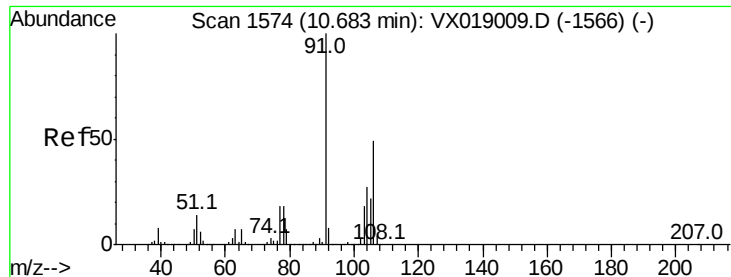
Tot Ion: 91 Resp: 689487
Ion Ratio Lower Upper
91 100
106 30.8 25.3 37.9



#68
m/p-Xylenes
Concen: 80.352 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019100.D
Acq: 24 Oct 2020 02:37

Tgt Ion: 106 Resp: 499235
Ion Ratio Lower Upper
106 100
91 196.6 156.9 235.3

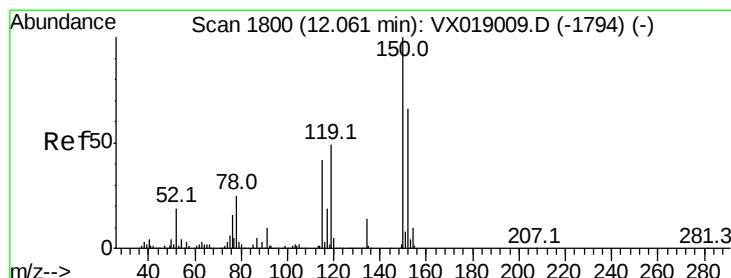
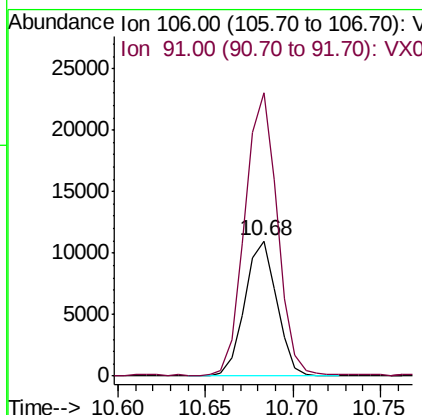
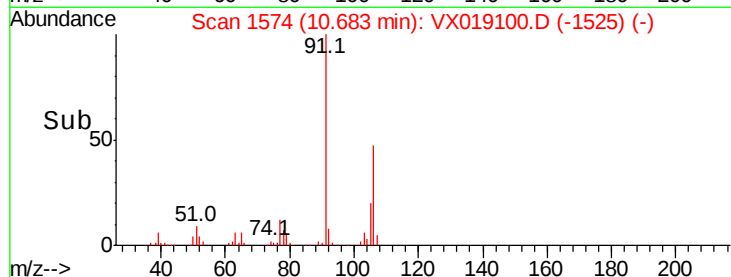
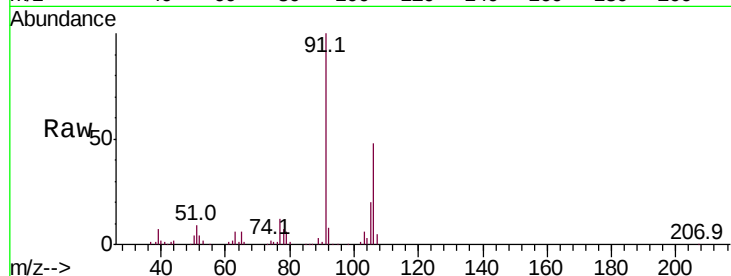




#69
o-Xylene
Concen: 2.378 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019100.D
Acq: 24 Oct 2020 02:37

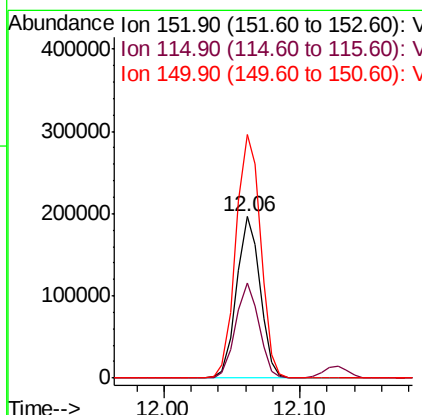
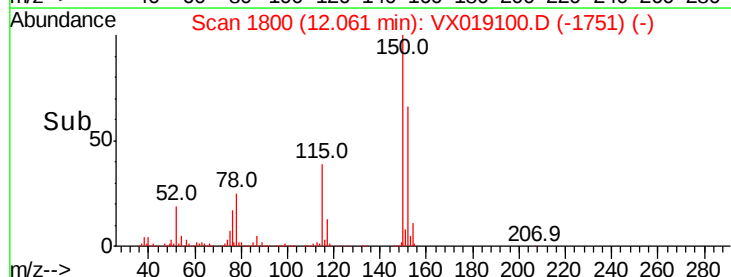
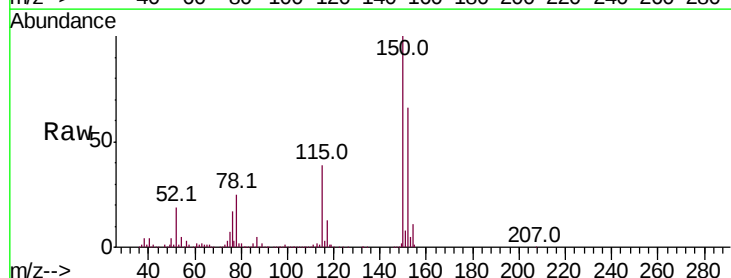
Instrument :
MSVOA_X
ClientSampled :
MW-10DL

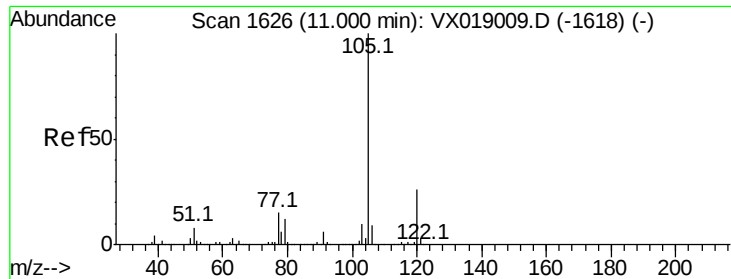
Tot Ion:106 Resp: 14142
Ion Ratio Lower Upper
106 100
91 213.8 104.0 312.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019100.D
Acq: 24 Oct 2020 02:37

Tgt Ion:152 Resp: 237200
Ion Ratio Lower Upper
152 100
115 58.2 40.8 122.5
150 158.0 0.0 345.6





#73

Isopropylbenzene

Concen: 33.268 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

Instrument :

MSVOA_X

ClientSampled :

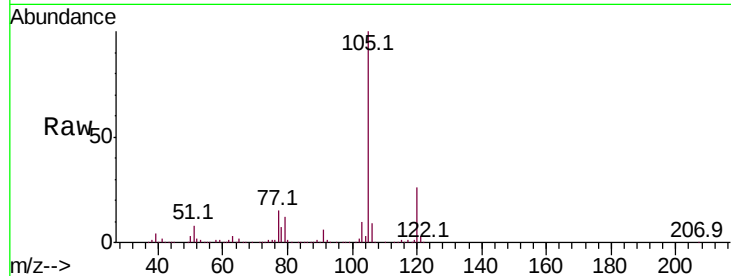
MW-10DL

Tot Ion:105 Resp: 567681

Ion Ratio Lower Upper

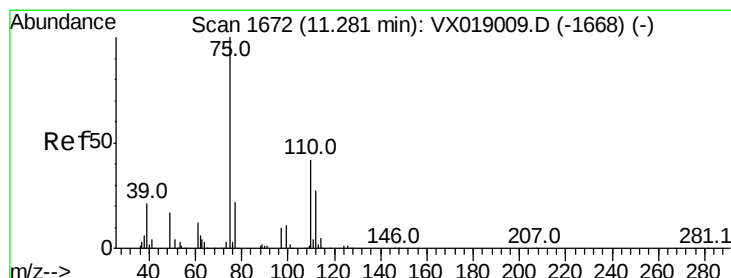
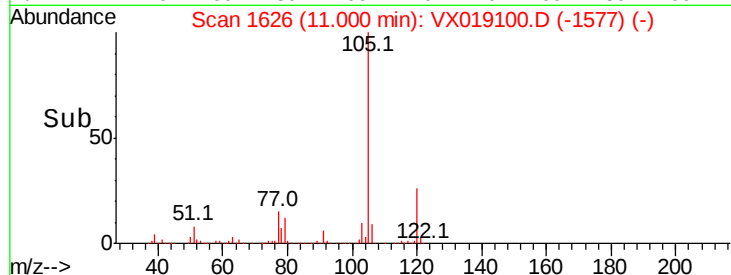
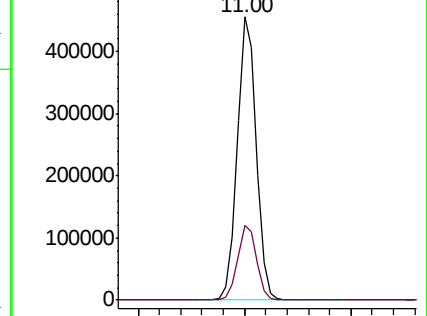
105 100

120 26.6 13.4 40.1



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: 0.831 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.06 min

Lab File: VX019100.D

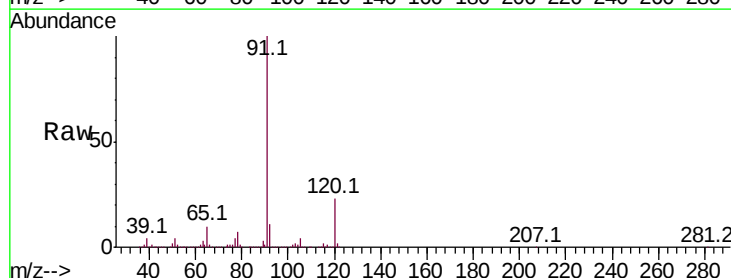
Acq: 24 Oct 2020 02:37

Tgt Ion: 75 Resp: 3938

Ion Ratio Lower Upper

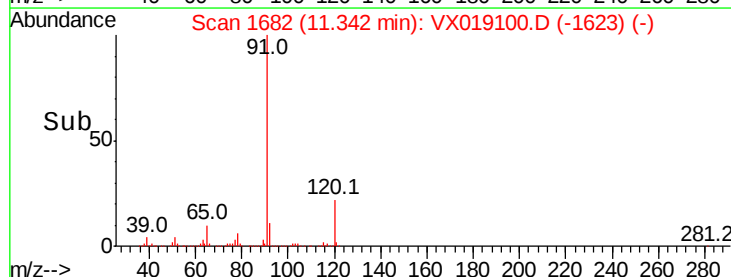
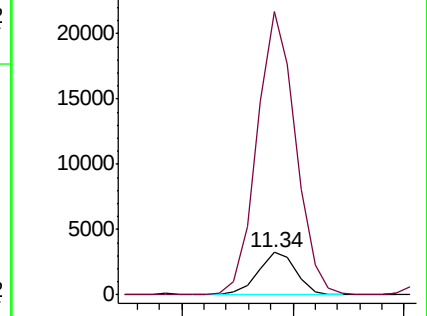
75 100

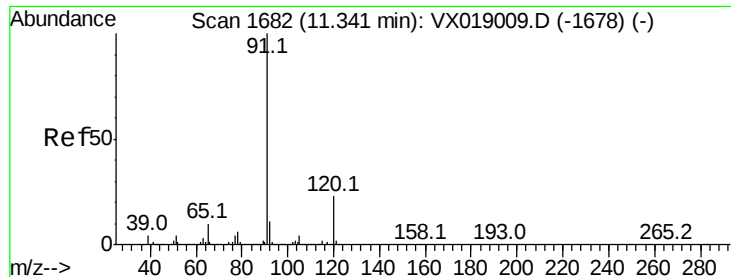
77 666.0 20.7 62.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 35.726 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

Instrument :

MSVOA_X

ClientSampleId :

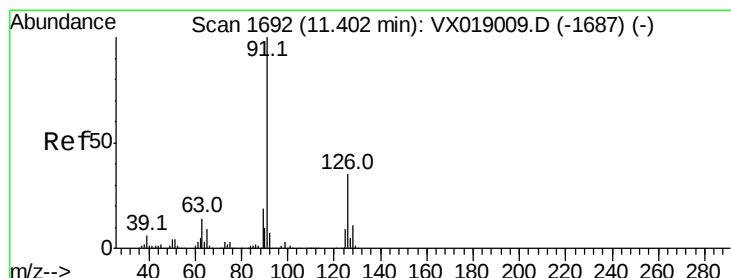
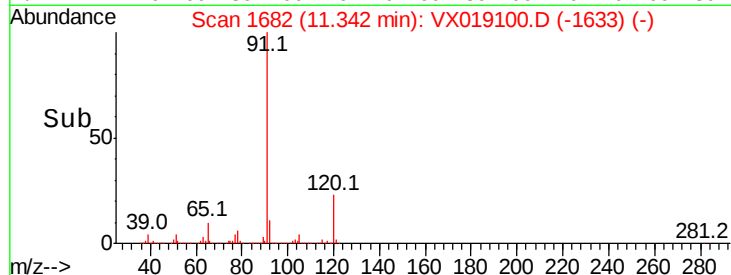
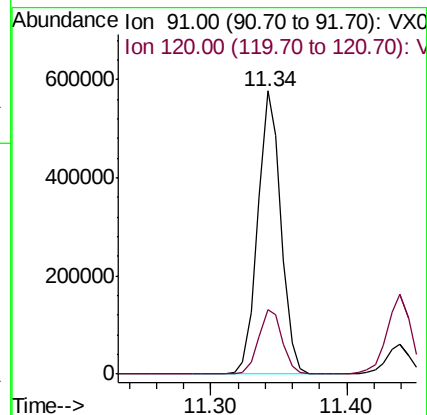
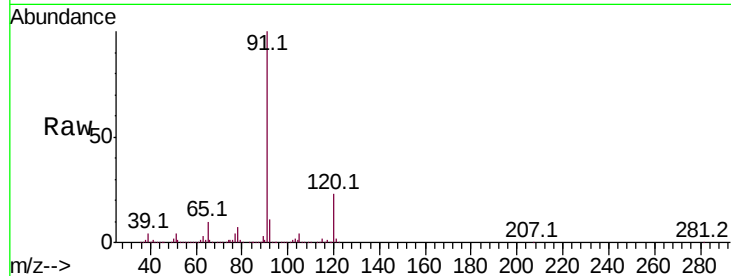
MW-10DL

Tot Ion: 91 Resp: 690778

Ion Ratio Lower Upper

91 100

120 23.4 12.1 36.3



#79

2-Chlorotoluene

Concen: 6.516 ug/l

RT: 11.44 min Scan# 1698

Delta R.T. 0.04 min

Lab File: VX019100.D

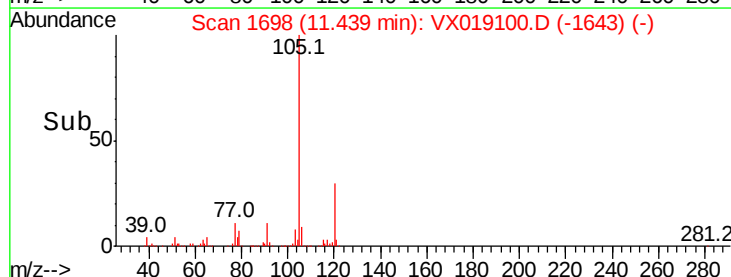
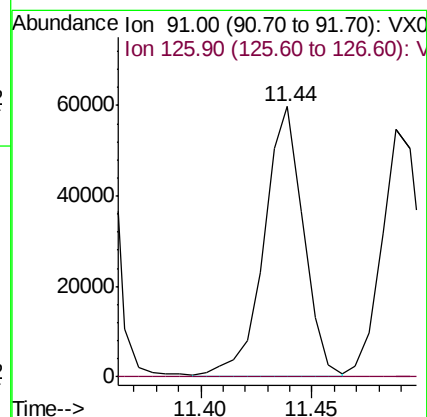
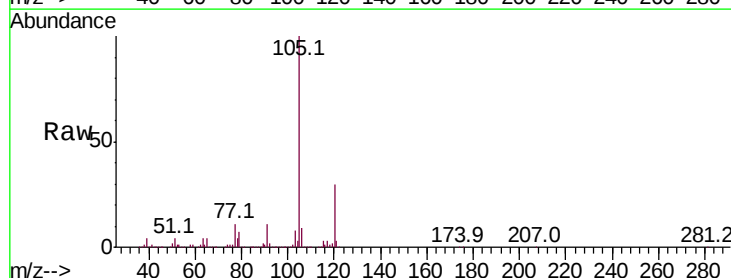
Acq: 24 Oct 2020 02:37

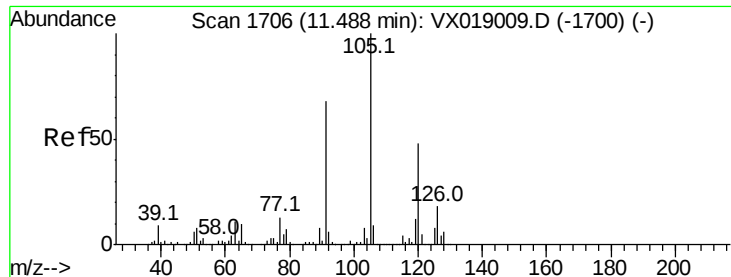
Tgt Ion: 91 Resp: 73503

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.5#





#80

1,3,5-Trimethylbenzene

Concen: 44.786 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

Instrument :

MSVOA_X

ClientSampleId :

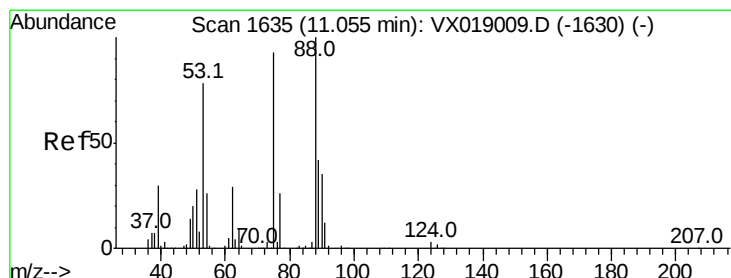
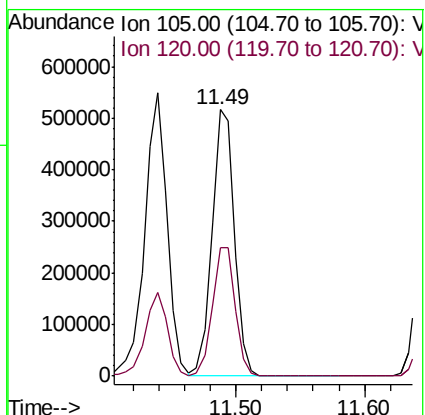
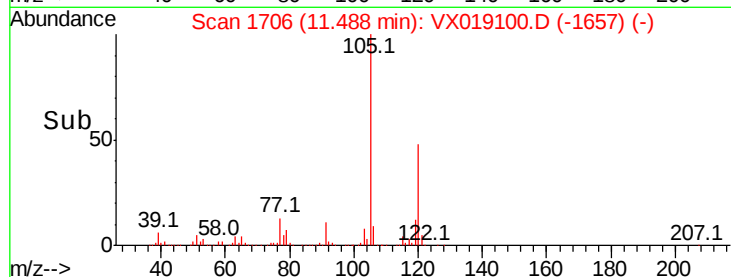
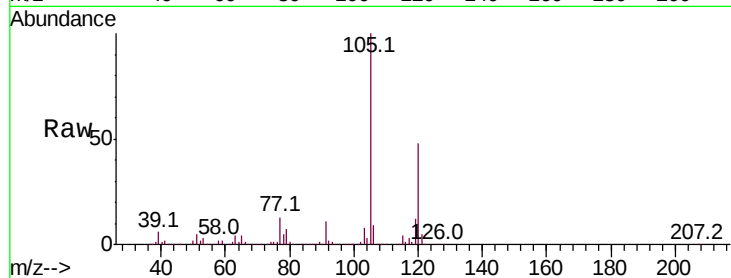
MW-10DL

Tot Ion:105 Resp: 631073

Ion Ratio Lower Upper

105 100

120 49.6 25.2 75.6



#81

trans-1,4-Dichloro-2-butene

Concen: 3.257 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.05 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

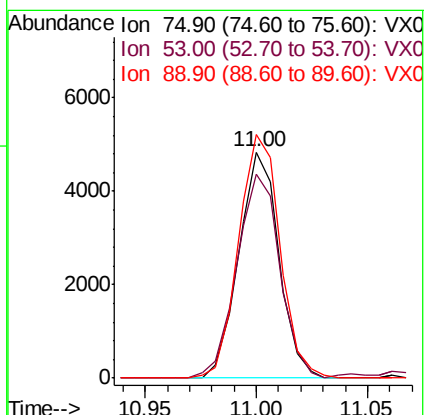
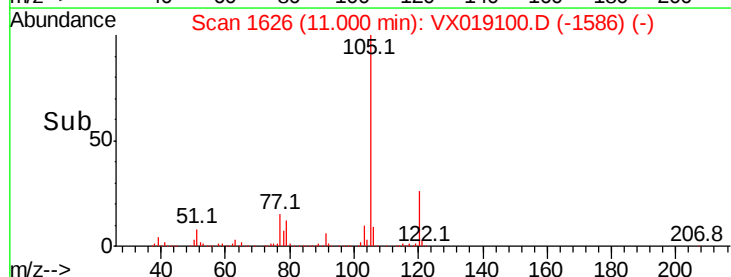
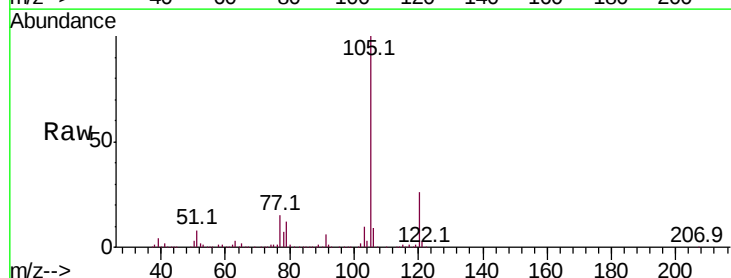
Tgt Ion: 75 Resp: 6061

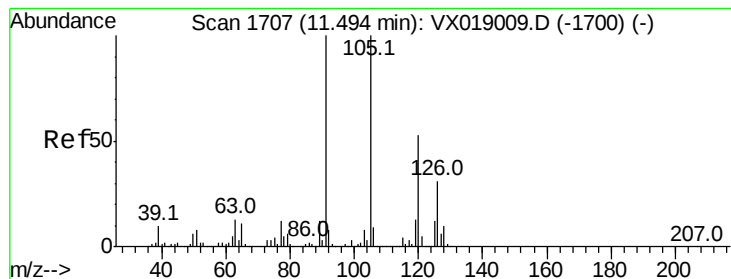
Ion Ratio Lower Upper

75 100

53 96.5 67.4 101.2

89 111.4 37.2 55.8#





#82

4-Chlorotoluene

Concen: 4.888 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

Instrument :

MSVOA_X

ClientSampleId :

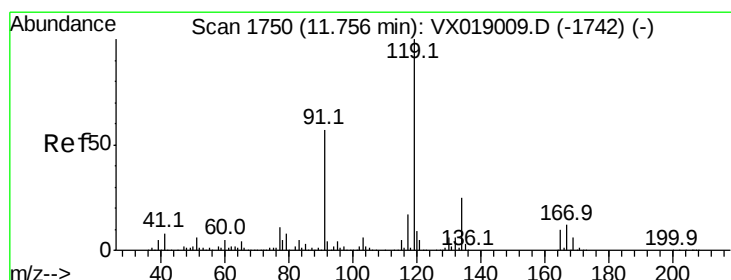
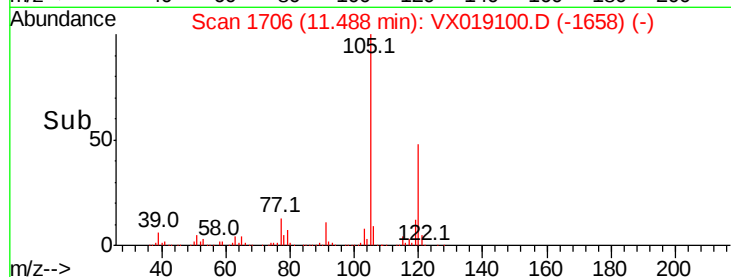
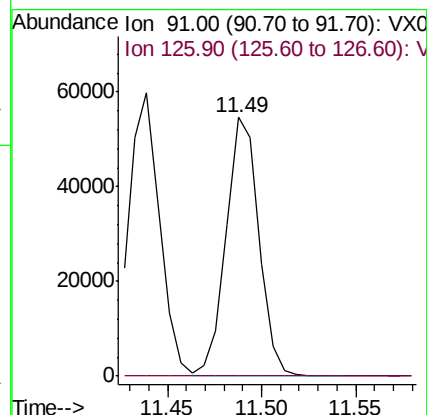
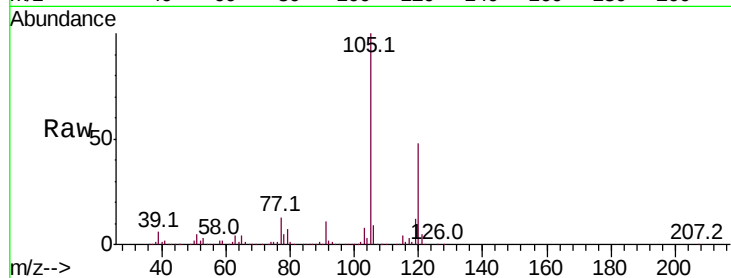
MW-10DL

Tot Ion: 91 Resp: 65607

Ion Ratio Lower Upper

91 100

126 0.3 15.6 46.7#



#83

tert-Butylbenzene

Concen: 20.017 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.04 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

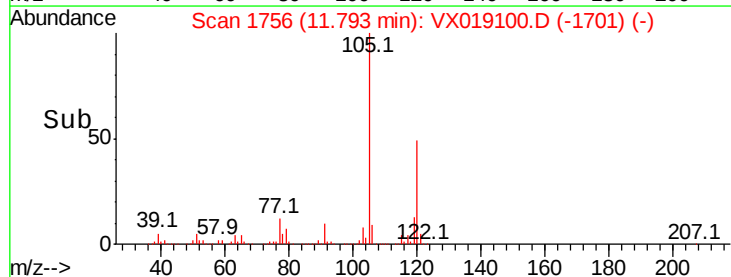
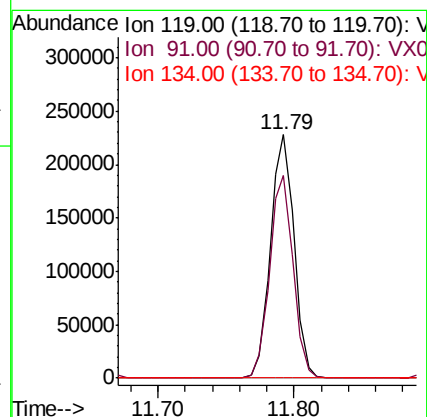
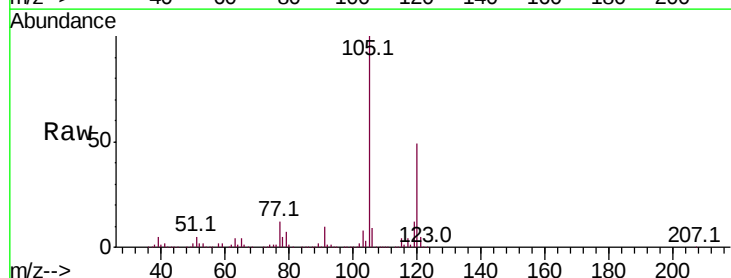
Tgt Ion: 119 Resp: 277862

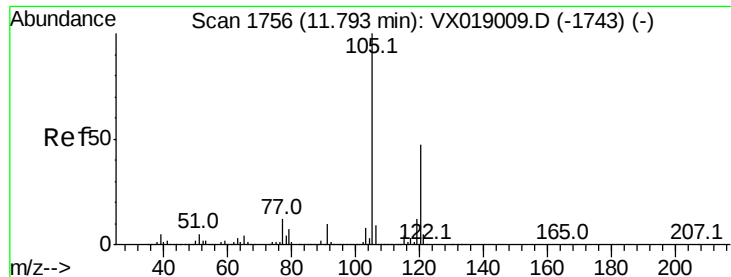
Ion Ratio Lower Upper

119 100

91 82.7 28.1 84.4

134 0.0 11.8 35.3#





#84

1,2,4-Trimethylbenzene

Concen: 158.596 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

Instrument :

MSVOA_X

ClientSampleId :

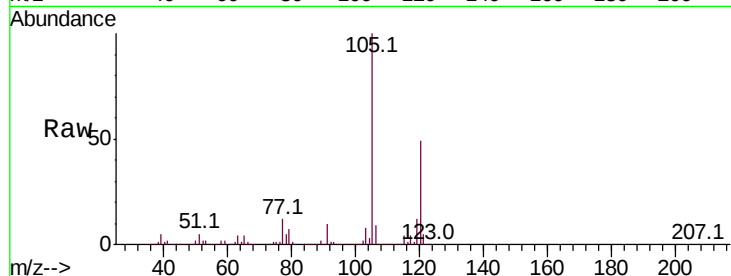
MW-10DL

Tot Ion:105 Resp: 2237762

Ion Ratio Lower Upper

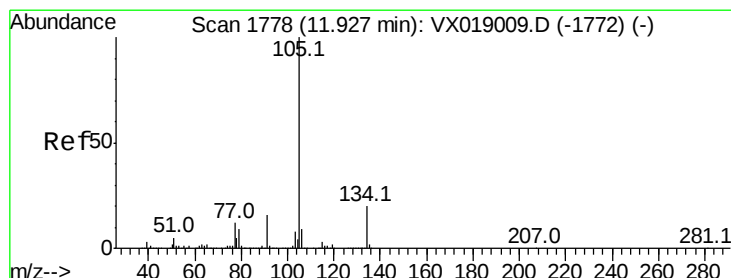
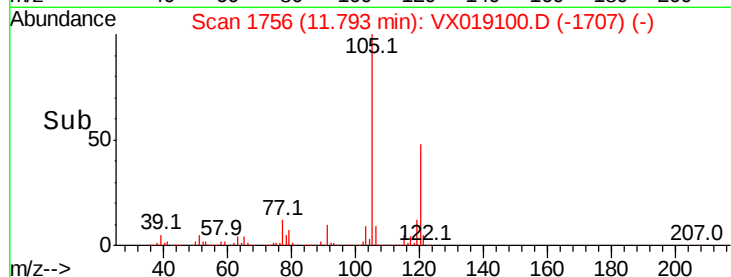
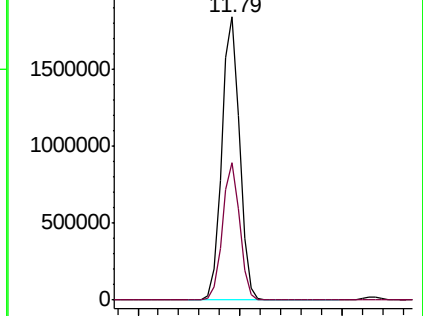
105 100

120 47.2 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 133.220 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.13 min

Lab File: VX019100.D

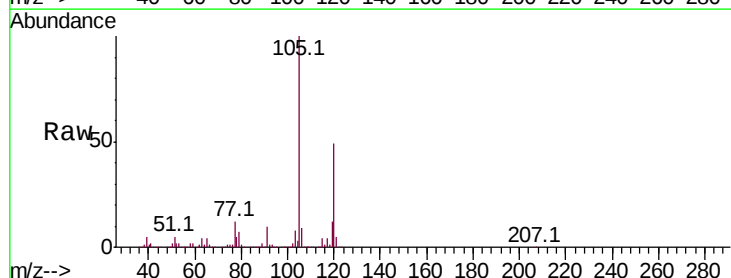
Acq: 24 Oct 2020 02:37

Tgt Ion:105 Resp: 2237762

Ion Ratio Lower Upper

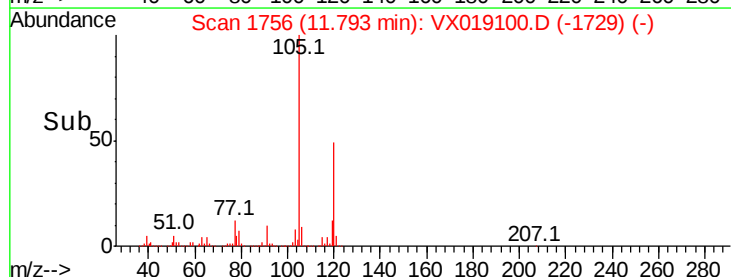
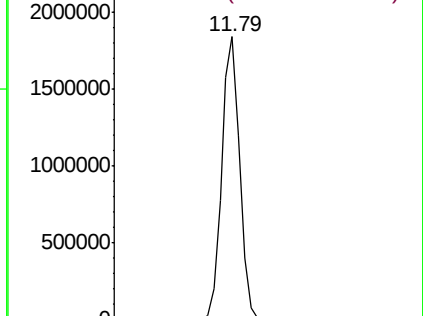
105 100

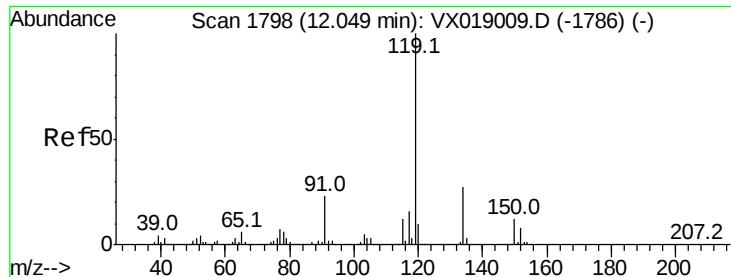
134 0.0 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

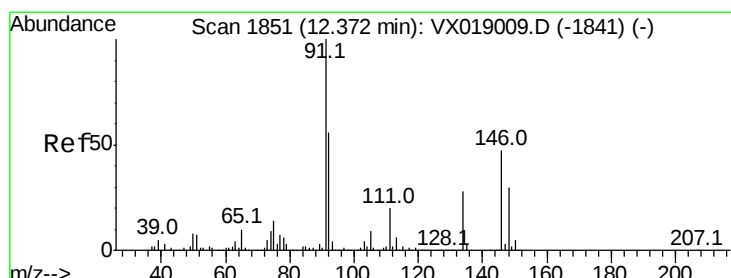
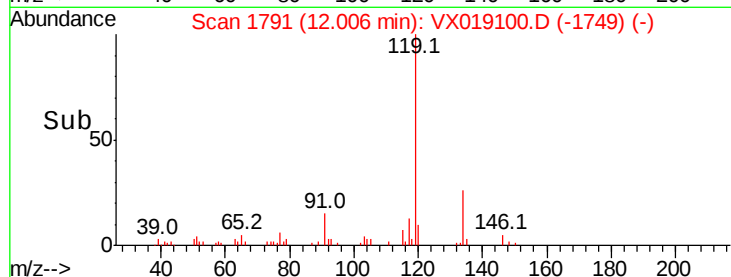
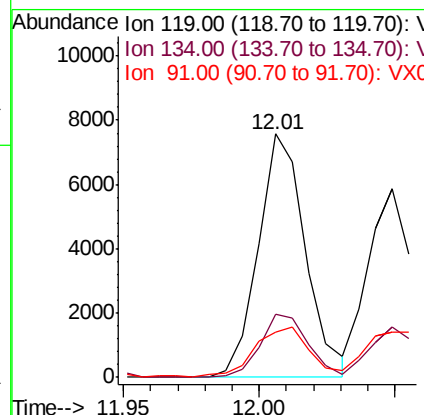
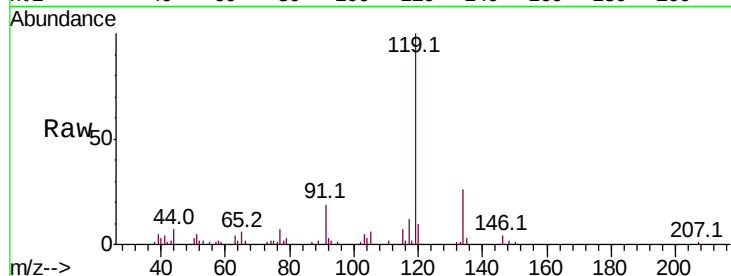




#86
p-Isopropyltoluene
Concen: 0.593 ug/l
RT: 12.01 min Scan# 1791
Delta R.T. -0.04 min
Lab File: VX019100.D
Acq: 24 Oct 2020 02:37

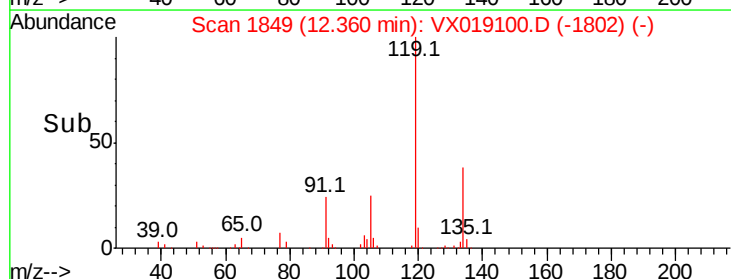
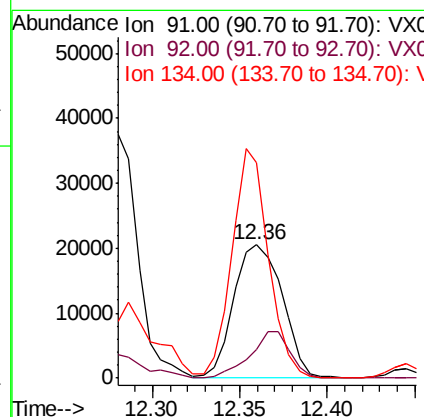
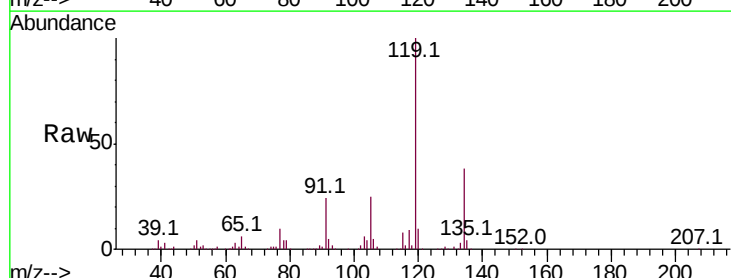
Instrument :
MSVOA_X
ClientSampleId :
MW-10DL

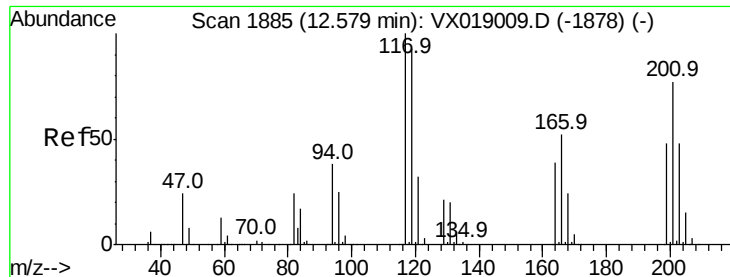
Tot Ion:119 Resp: 9109
Ion Ratio Lower Upper
119 100
134 26.4 13.3 39.8
91 0.0 11.4 34.2#



#89
n-Butylbenzene
Concen: 2.803 ug/l
RT: 12.36 min Scan# 1849
Delta R.T. -0.01 min
Lab File: VX019100.D
Acq: 24 Oct 2020 02:37

Tgt Ion: 91 Resp: 39383
Ion Ratio Lower Upper
91 100
92 29.2 27.3 81.9
134 130.0 13.6 40.7#





#90

Hexachloroethane

Concen: 3.632 ug/l

RT: 12.57 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

Instrument :

MSVOA_X

ClientSampleId :

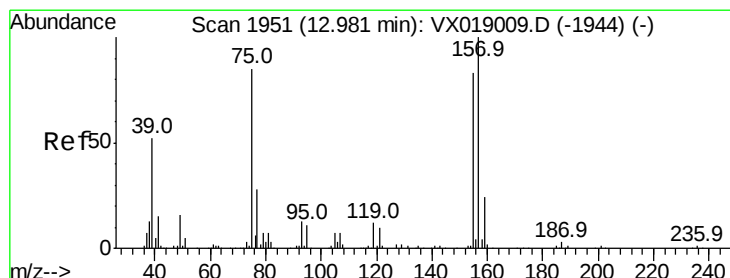
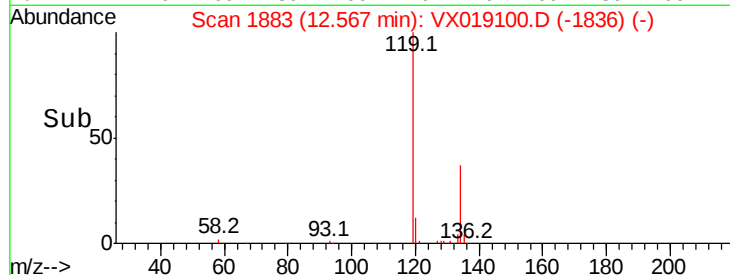
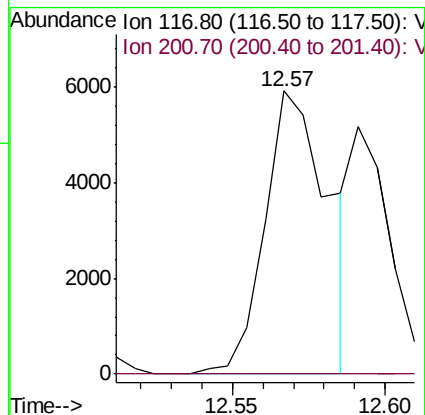
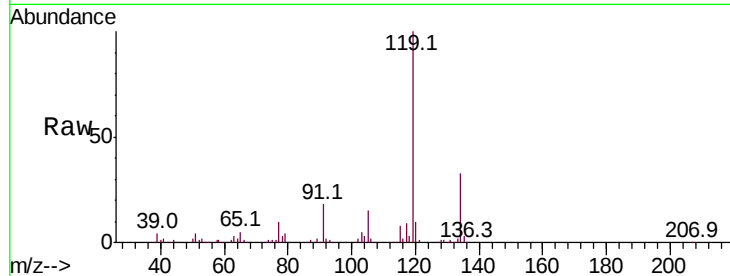
MW-10DL

Tot Ion:117 Resp: 8535

Ion Ratio Lower Upper

117 100

201 0.0 37.1 111.3#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.488 ug/l

RT: 12.96 min Scan# 1948

Delta R.T. -0.02 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

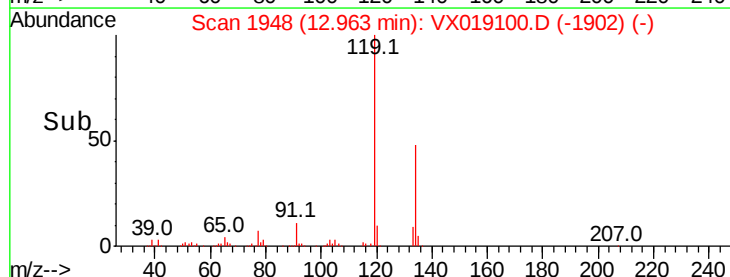
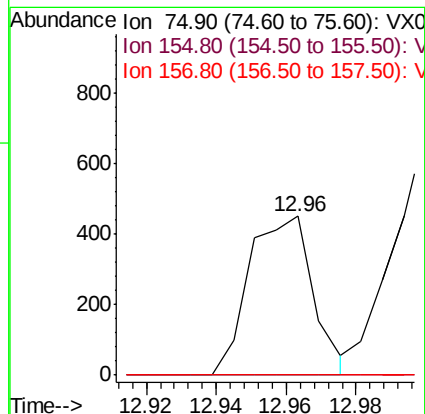
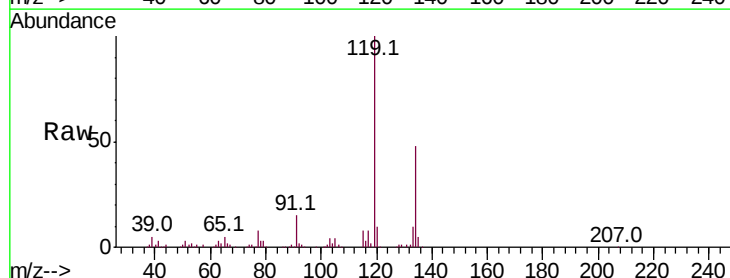
Tgt Ion: 75 Resp: 571

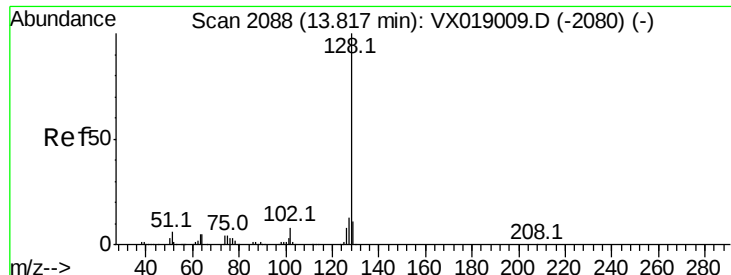
Ion Ratio Lower Upper

75 100

155 0.0 47.3 142.0#

157 0.0 59.7 179.0#





#95

Naphthalene

Concen: 16.725 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019100.D

Acq: 24 Oct 2020 02:37

Instrument :

MSVOA_X

ClientSampleId :

MW-10DL

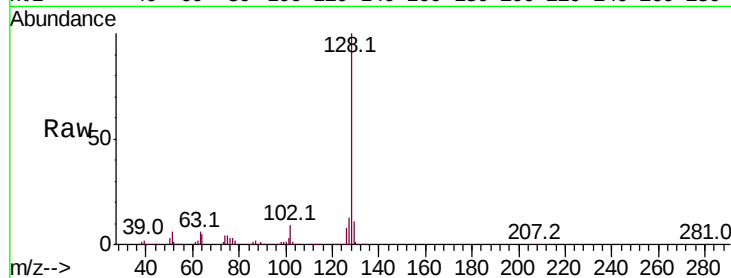
Tot Ion:128 Resp: 283762

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.8 8.7 13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

