

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012951.D
 Acq On : 09 Oct 2019 18:29
 Operator : JC/SP
 Sample : K5185-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 10 01:39:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	178107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301785	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	109834	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	115211	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
35) Dibromofluoromethane	5.49	113	88837	51.29	ug/l	0.00
Spiked Amount			Recovery	=	102.58%	
50) Toluene-d8	8.71	98	354244	52.44	ug/l	0.00
Spiked Amount			Recovery	=	104.88%	
62) 4-Bromofluorobenzene	11.14	95	128261	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	9930	4.869	ug/l	98
5) Bromomethane	1.65	94	388	0.458	ug/l #	50
6) Chloroethane	1.71	64	289	0.598	ug/l	95
10) Methyl Iodide	2.51	142	48	5.103	ug/l #	40
11) Tert butyl alcohol	3.02	59	13712	23.236	ug/l #	72
14) Allyl chloride	2.83	41	8466	2.641	ug/l #	60
15) Acrylonitrile	3.17	53	1631	1.458	ug/l #	44
16) Acetone	2.43	43	18277	15.576	ug/l	90
18) Methyl Acetate	2.84	43	21108	7.589	ug/l #	51
20) Methylene Chloride	2.86	84	909	0.422	ug/l #	61
25) 2-Butanone	4.67	43	8520	5.234	ug/l	91
27) cis-1,2-Dichloroethene	4.59	96	20443	9.193	ug/l	90
31) Cyclohexane	5.57	56	21376	6.616	ug/l	94
36) 1,1-Dichloropropene	5.65	75	15001	5.654	ug/l #	49
37) Ethyl Acetate	4.67	43	8520	2.872	ug/l #	67
38) Carbon Tetrachloride	5.65	117	19306	7.475	ug/l #	17
39) Methylcyclohexane	7.46	83	16098	5.003	ug/l	97
40) Benzene	6.14	78	82663	10.548	ug/l	100
48) Methyl methacrylate	7.73	41	2163	0.932	ug/l #	79
52) Toluene	8.78	92	9960	1.987	ug/l	99
53) t-1,3-Dichloropropene	8.78	75	68	2.189	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	2446	1.233	ug/l #	22
56) Ethyl methacrylate	9.15	69	643	2.006	ug/l #	1
59) 2-Hexanone	9.50	43	623	0.270	ug/l	76
60) Dibromochloromethane	9.33	129	183	1.937	ug/l #	10
67) Ethyl Benzene	10.25	91	23870	2.599	ug/l	96
68) m/p-Xylenes	10.35	106	26665	7.771	ug/l	99
69) o-Xylene	10.70	106	1579	0.472	ug/l	94
73) Isopropylbenzene	11.01	105	51507	6.378	ug/l	100
76) 1,2,3-Trichloropropane	11.13	75	62429	25.627	ug/l #	33
78) n-propylbenzene	11.35	91	28016	3.153	ug/l	97
79) 2-Chlorotoluene	11.45	91	1266	0.227	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.50	105	5407	0.802	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.13	75	62429	64.600	ug/l #	10

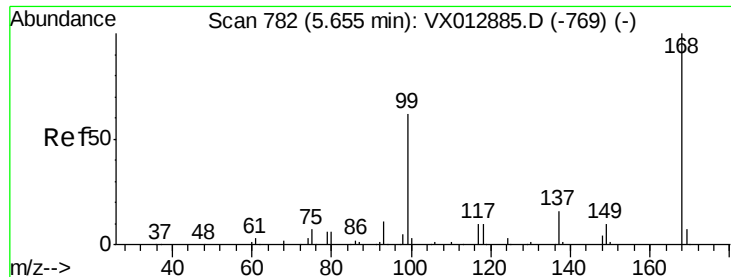
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
Data File : VX012951.D
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ClientSampleId :

Quant Time: Oct 10 01:39:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.76	119	1563	0.238	ug/l	84
85) sec-Butylbenzene	11.94	105	2951	0.387	ug/l	91
86) p-Isopropyltoluene	12.06	119	1472	0.208	ug/l #	62
89) n-Butylbenzene	12.37	91	3461	0.583	ug/l #	37
90) Hexachloroethane	12.67	117	4774	5.611	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	12.97	75	365	0.580	ug/l #	7
95) Naphthalene	13.83	128	37748	5.018	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX012951.D

Acq: 09 Oct 2019 18:29

Instrument :

MSVOA_X

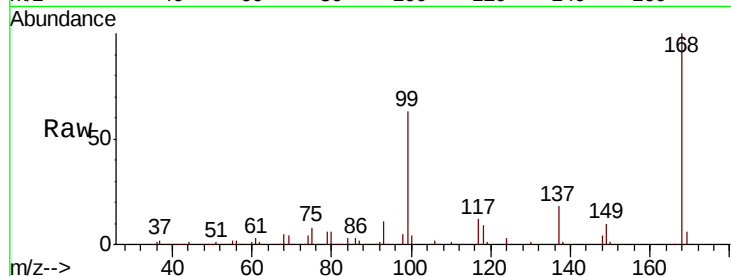
ClientSampleId :

Tot Ion:168 Resp: 178107

Ion Ratio Lower Upper

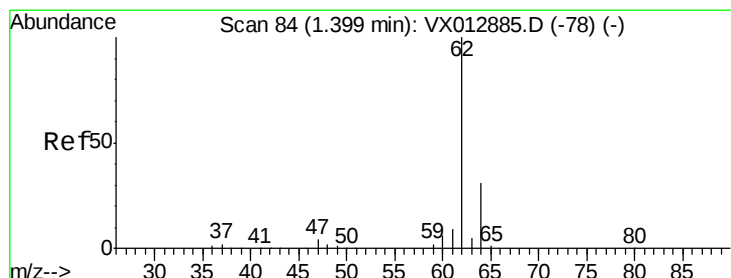
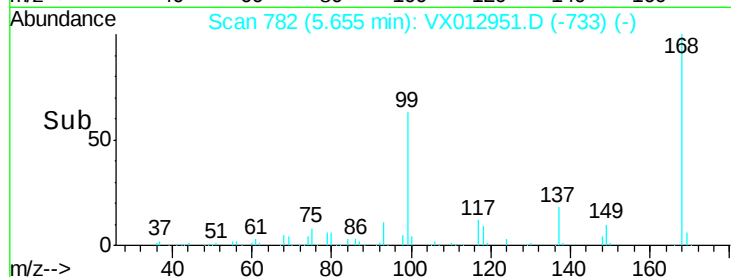
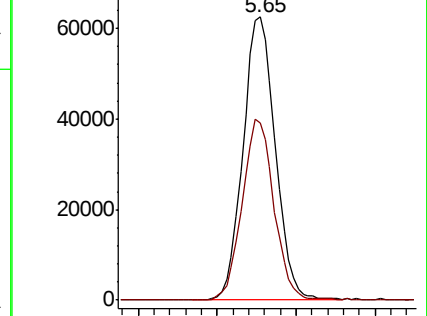
168 100

99 62.6 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 4.869 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012951.D

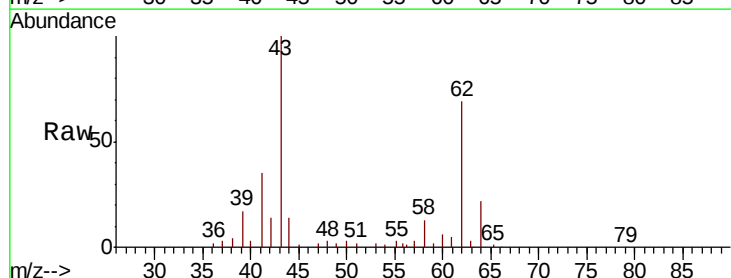
Acq: 09 Oct 2019 18:29

Tgt Ion: 62 Resp: 9930

Ion Ratio Lower Upper

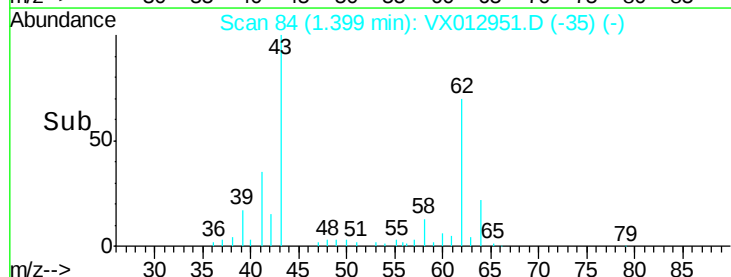
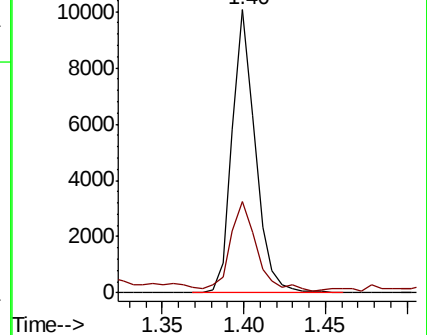
62 100

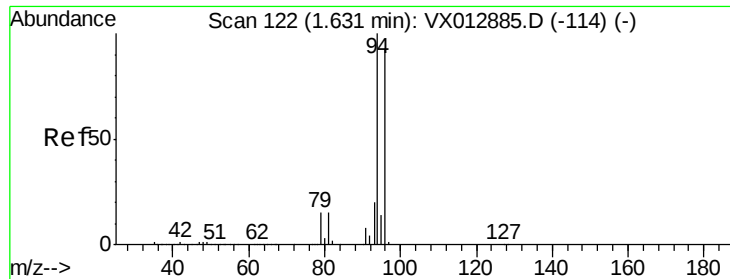
64 30.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 0.458 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.02 min

Lab File: VX012951.D

Acq: 09 Oct 2019 18:29

Instrument :

MSVOA_X

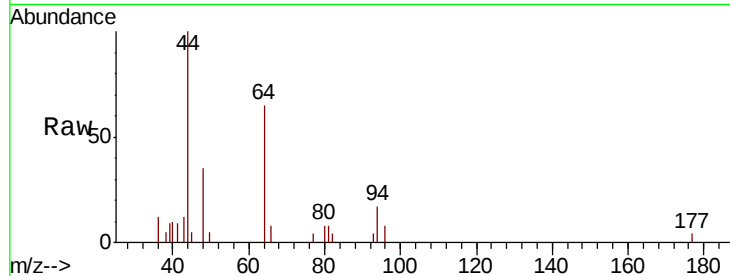
ClientSampled :

Tot Ion: 94 Resp: 388

Ion Ratio Lower Upper

94 100

96 45.7 74.7 112.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

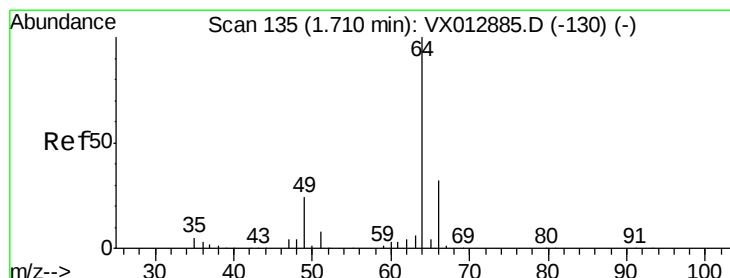
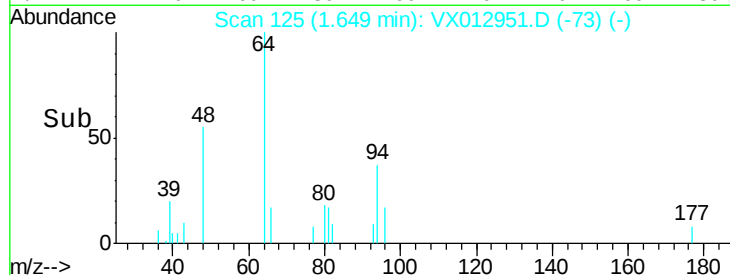
150

100

50

0

Time-->



#6

Chloroethane

Concen: 0.598 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012951.D

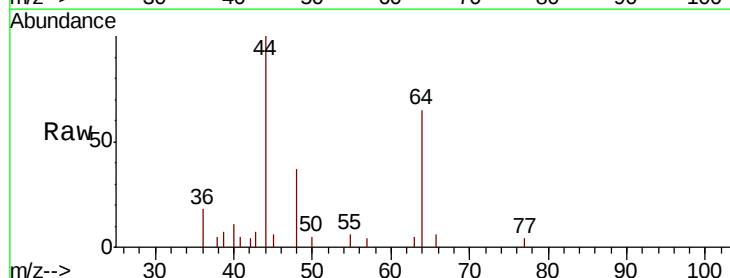
Acq: 09 Oct 2019 18:29

Tgt Ion: 64 Resp: 289

Ion Ratio Lower Upper

64 100

66 29.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1000

800

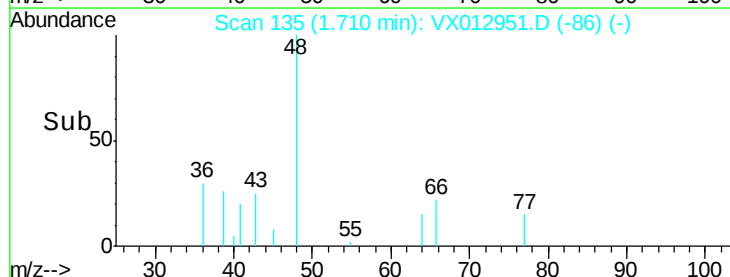
600

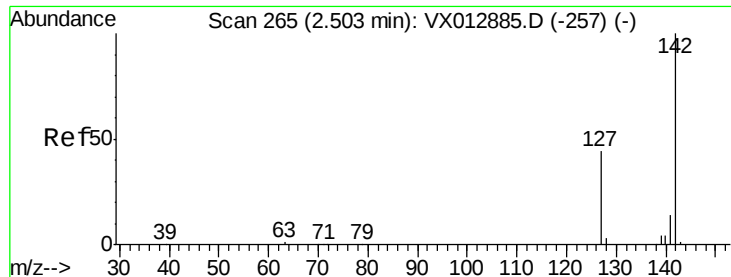
400

200

0

Time-->

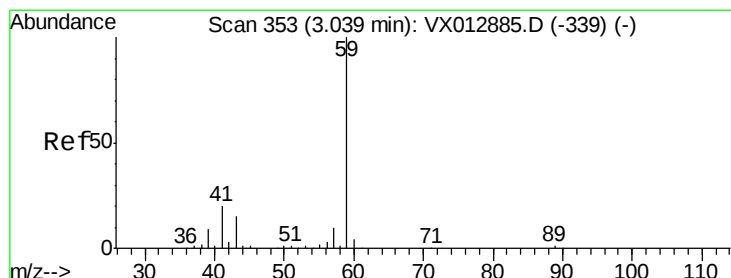
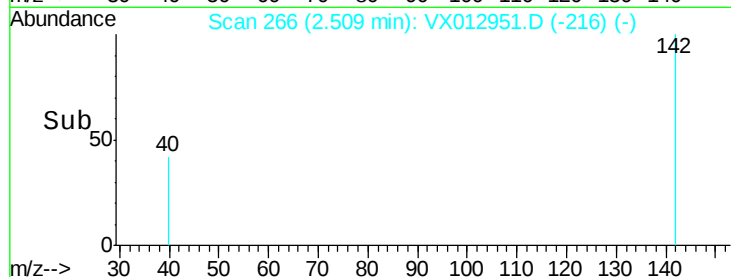
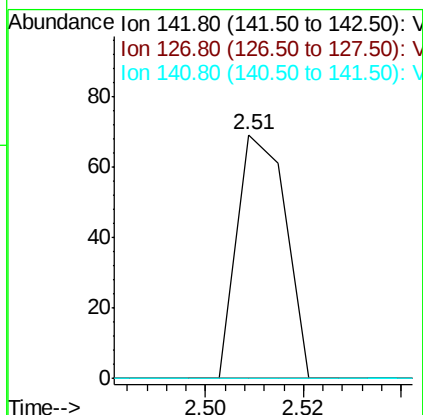
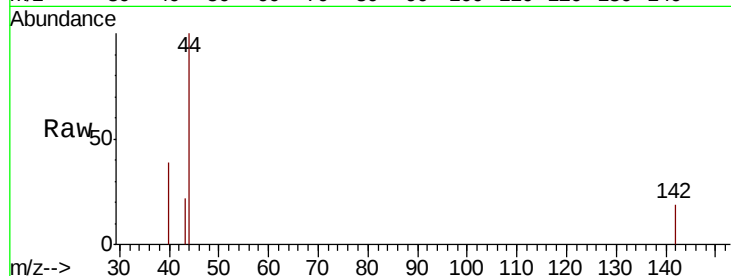




#10
Methyl Iodide
Concen: 5.103 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX012951.D
Acq: 09 Oct 2019 18:29

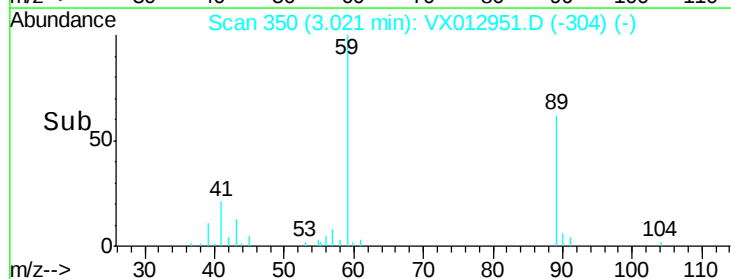
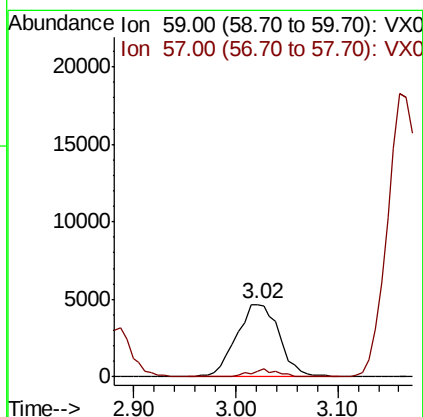
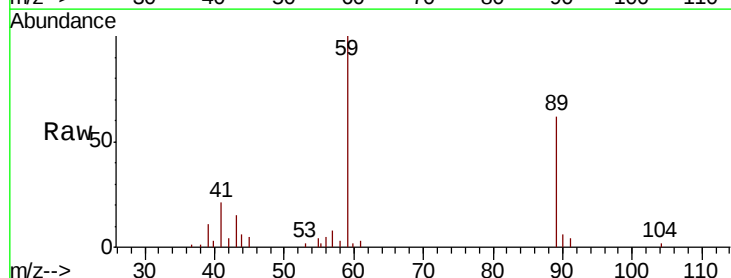
Instrument :
MSVOA_X
ClientSampleId :

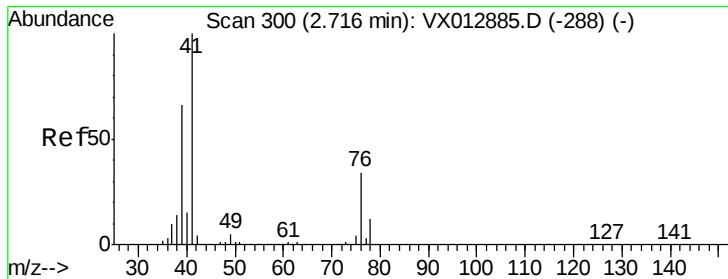
Tot Ion:142 Resp: 48
Ion Ratio Lower Upper
142 100
127 0.0 34.9 52.3#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 23.236 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX012951.D
Acq: 09 Oct 2019 18:29

Tgt Ion: 59 Resp: 13712
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

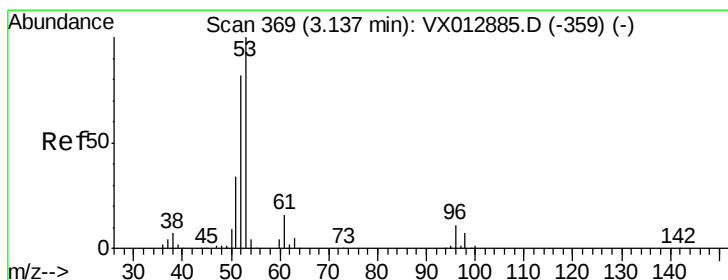
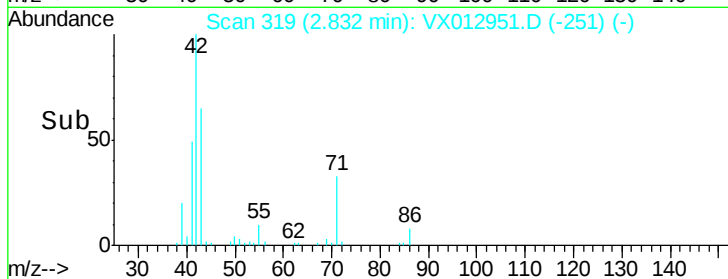
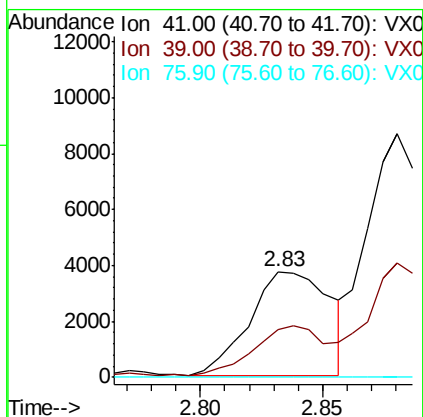
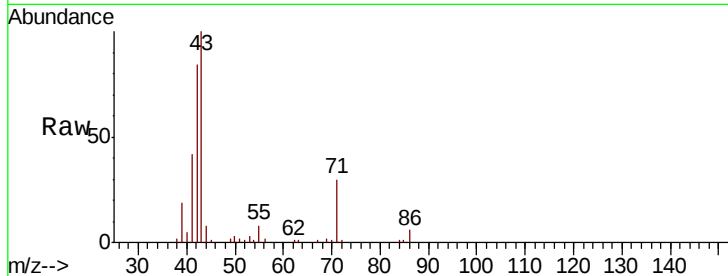




#14
Allvl chloride
Concen: 2.641 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.12 min
Lab File: VX012951.D
Acq: 09 Oct 2019 18:29

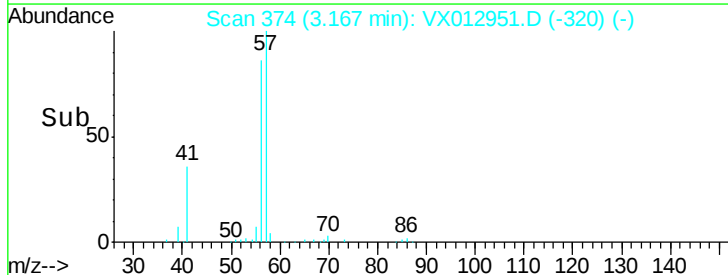
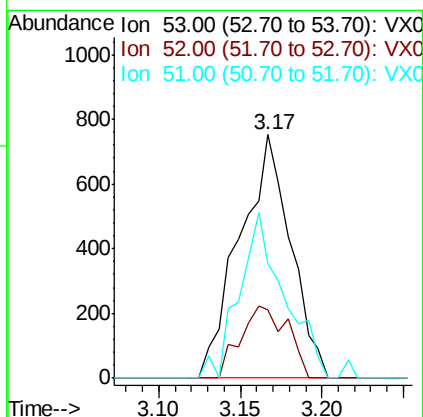
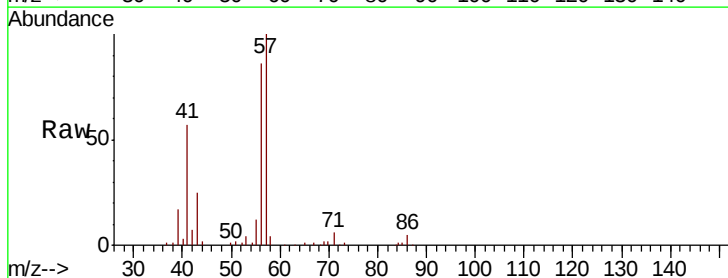
Instrument :
MSVOA_X
ClientSampled :

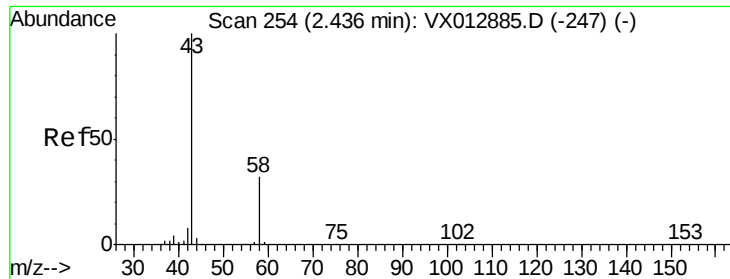
Tot Ion: 41 Resp: 8466
Ion Ratio Lower Upper
41 100
39 39.9 51.0 76.6#
76 0.0 26.2 39.4#



#15
Acrylonitrile
Concen: 1.458 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.03 min
Lab File: VX012951.D
Acq: 09 Oct 2019 18:29

Tgt Ion: 53 Resp: 1631
Ion Ratio Lower Upper
53 100
52 27.3 66.2 99.2#
51 60.2 28.2 42.4#





#16

Acetone

Concen: 15.576 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012951.D

Acq: 09 Oct 2019 18:29

Instrument :

MSVOA_X

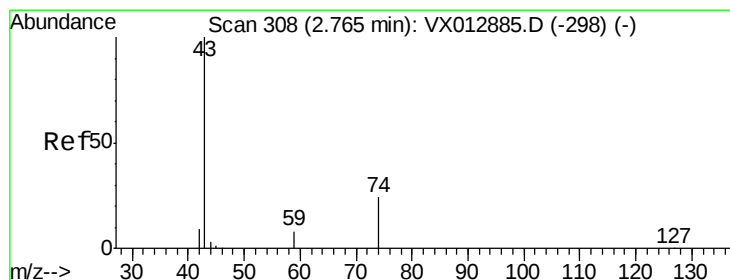
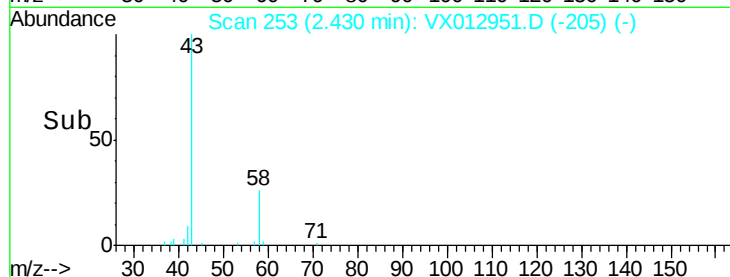
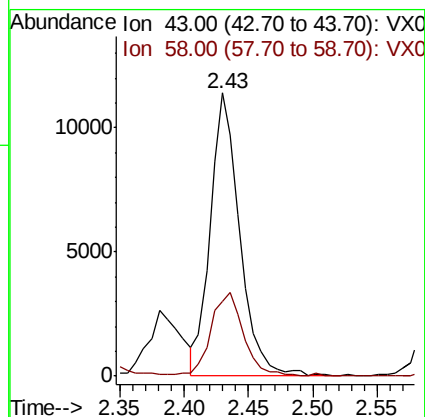
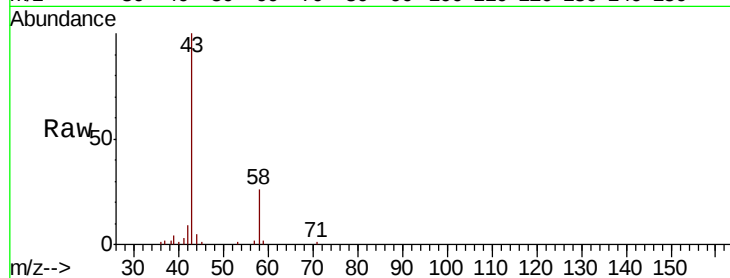
ClientSampled :

Tot Ion: 43 Resp: 18277

Ion Ratio Lower Upper

43 100

58 26.2 25.4 38.2



#18

Methyl Acetate

Concen: 7.589 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.07 min

Lab File: VX012951.D

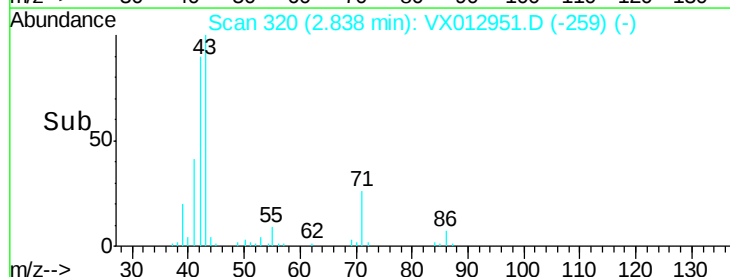
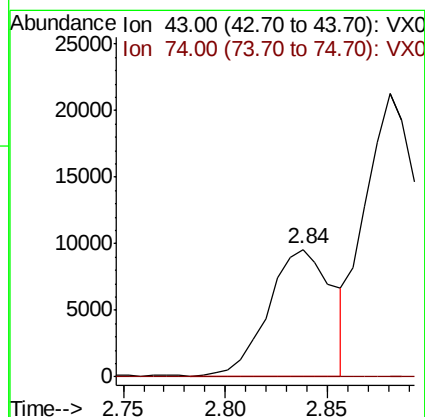
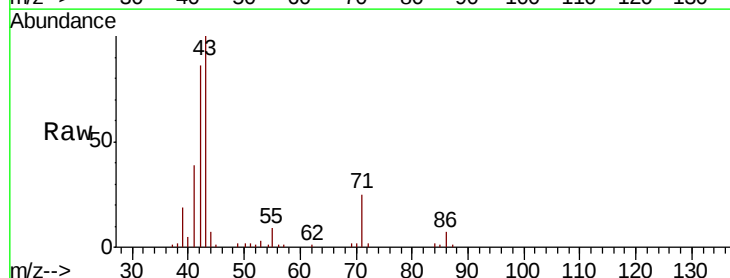
Acq: 09 Oct 2019 18:29

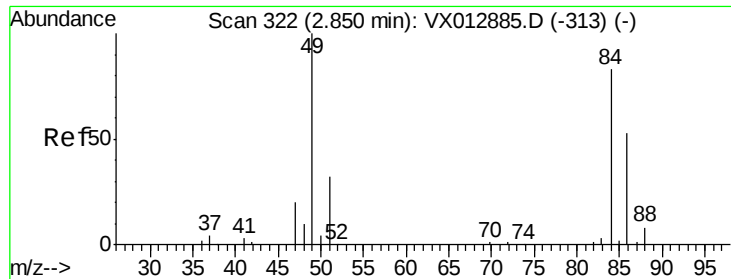
Tgt Ion: 43 Resp: 21108

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#

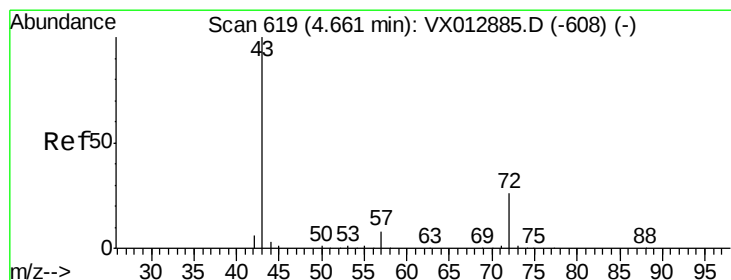
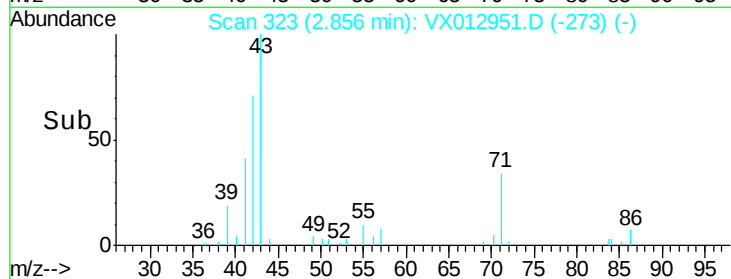
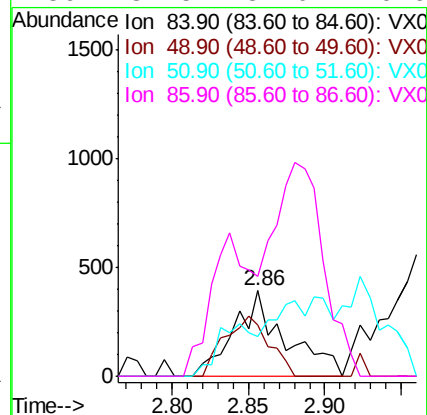
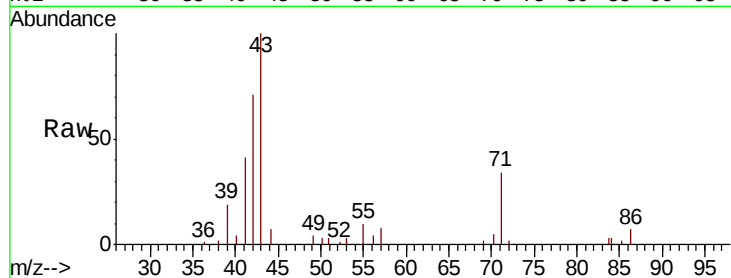




#20
Methvlene Chloride
Concen: 0.422 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX012951.D
Acq: 09 Oct 2019 18:29

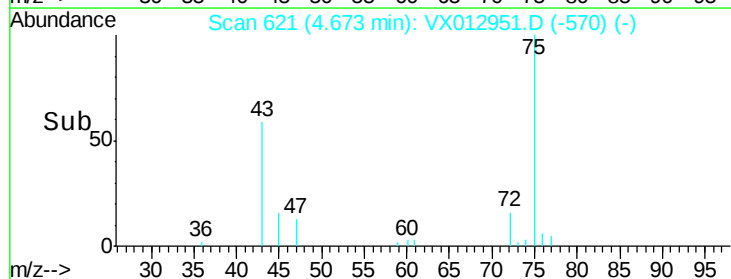
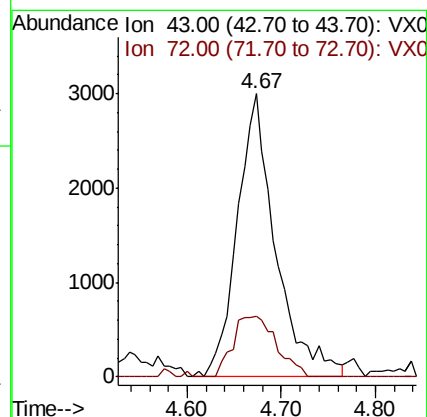
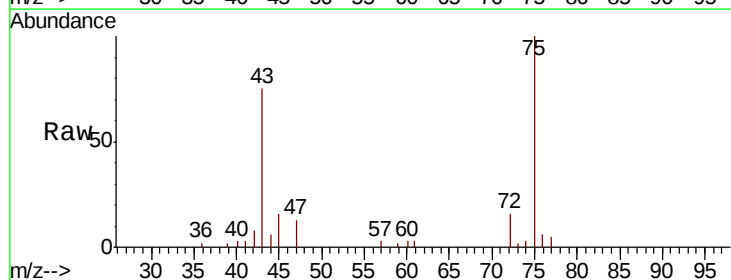
Instrument :
MSVOA_X
ClientSampleId :

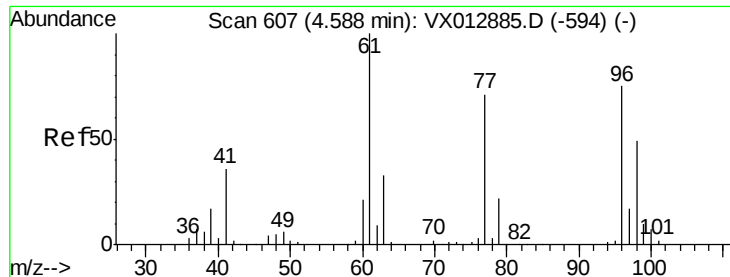
Tot Ion: 84 Resp: 909
Ion Ratio Lower Upper
84 100
49 60.2 96.6 144.8#
51 46.7 30.7 46.1#
86 82.5 51.0 76.6#



#25
2-Butanone
Concen: 5.234 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.01 min
Lab File: VX012951.D
Acq: 09 Oct 2019 18:29

Tgt Ion: 43 Resp: 8520
Ion Ratio Lower Upper
43 100
72 21.4 21.0 31.6

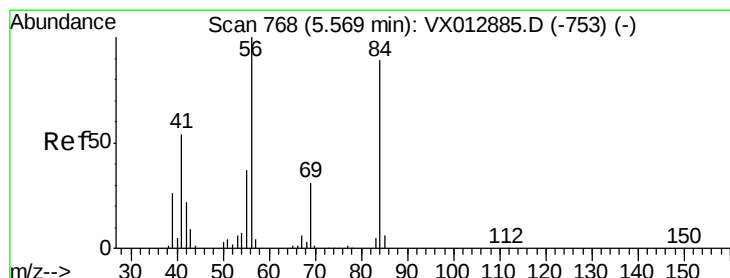
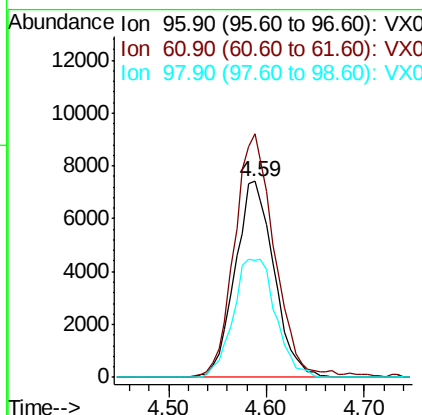
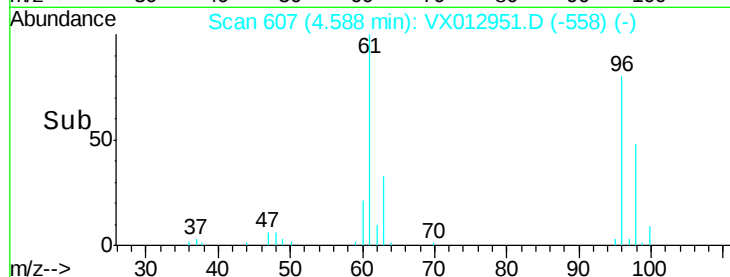
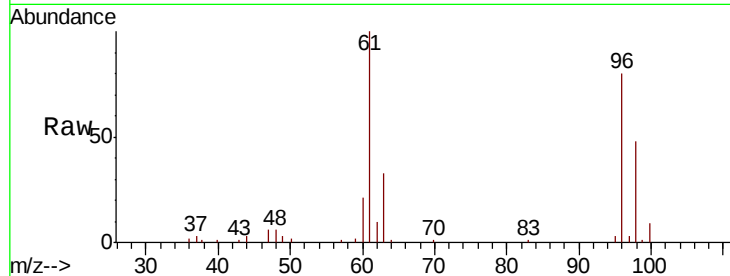




#27
 cis-1,2-Dichloroethene
 Concen: 9.193 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VX012951.D
 Acq: 09 Oct 2019 18:29

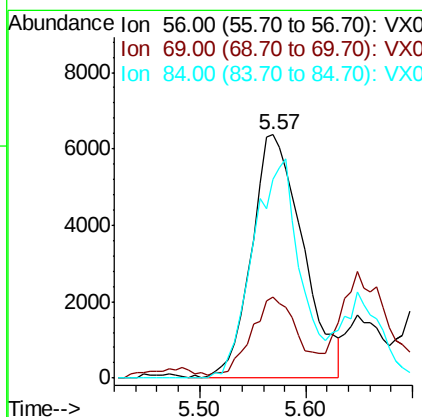
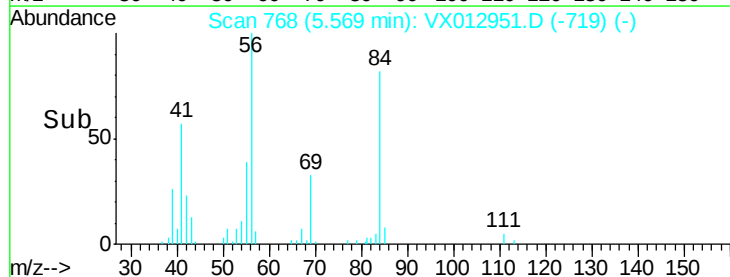
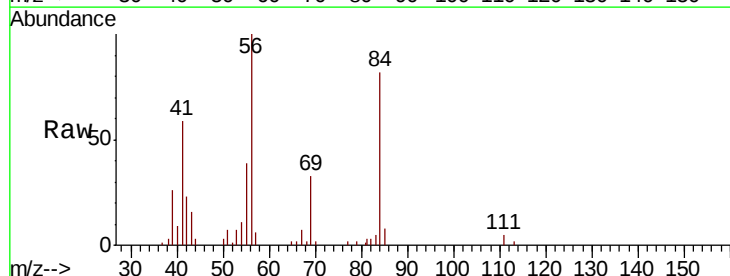
Instrument :
 MSVOA_X
 ClientSampleId :

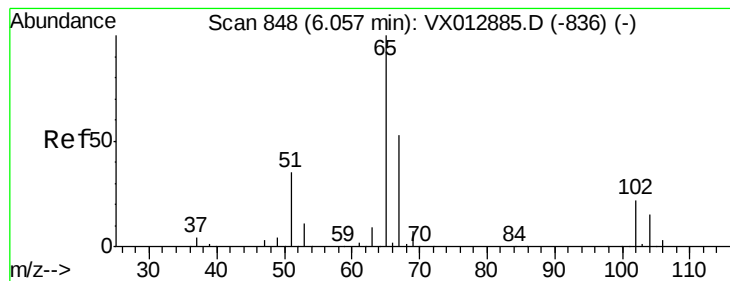
Tot Ion: 96 Resp: 20443
 Ion Ratio Lower Upper
 96 100
 61 127.5 0.0 290.6
 98 65.5 0.0 128.8



#31
 Cyclohexane
 Concen: 6.616 ug/l
 RT: 5.57 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX012951.D
 Acq: 09 Oct 2019 18:29

Tgt Ion: 56 Resp: 21376
 Ion Ratio Lower Upper
 56 100
 69 30.0 25.2 37.8
 84 81.8 71.3 106.9





#33

1,2-Dichloroethane-d4

Concen: 51.754 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX012951.D

Acq: 09 Oct 2019 18:29

Instrument :

MSVOA_X

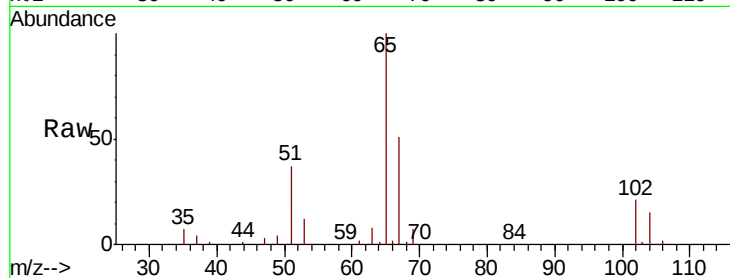
ClientSampleId :

Tot Ion: 65 Resp: 115211

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.4

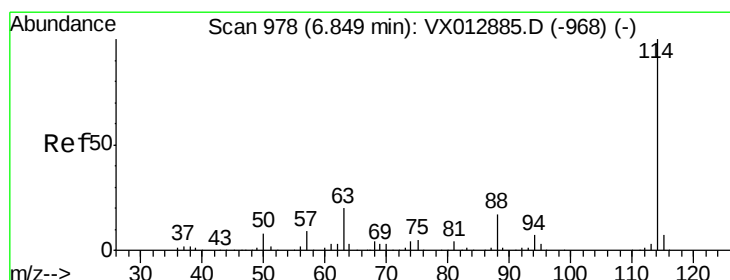
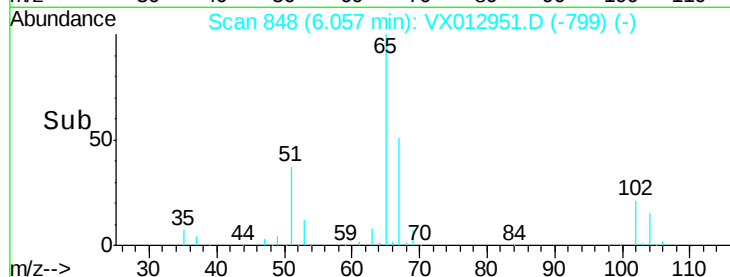


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012951.D

Acq: 09 Oct 2019 18:29

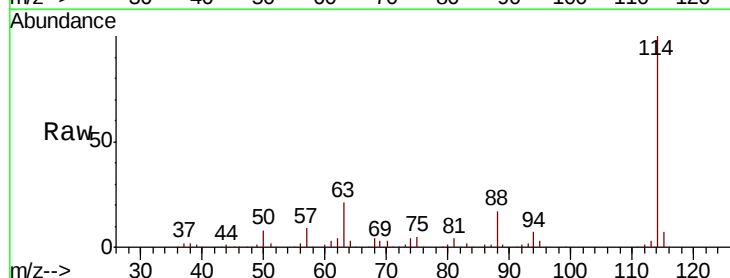
Tgt Ion: 114 Resp: 301785

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 17.3 0.0 33.8



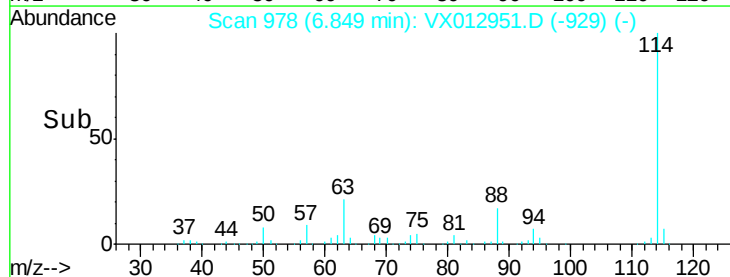
Abundance Ion 113.90 (113.60 to 114.60): V

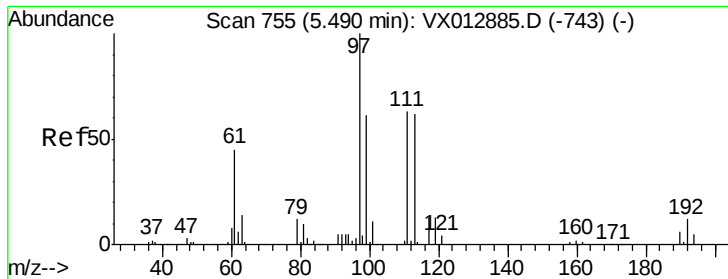
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

Time-->





#35

Dibromofluoromethane

Concen: 51.289 ug/l

RT: 5.49 min Scan# 755

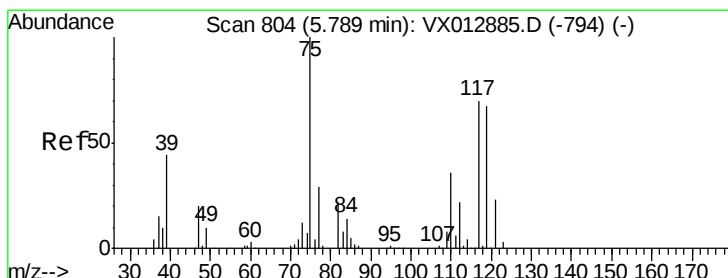
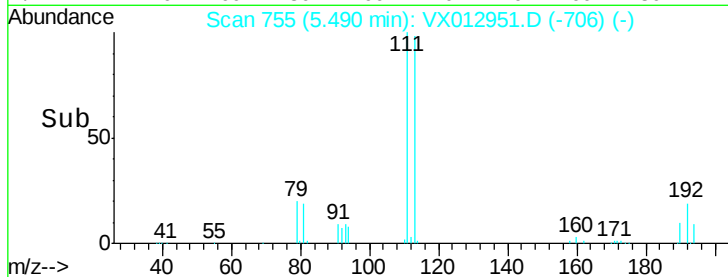
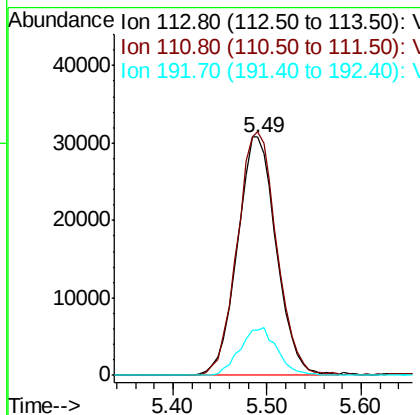
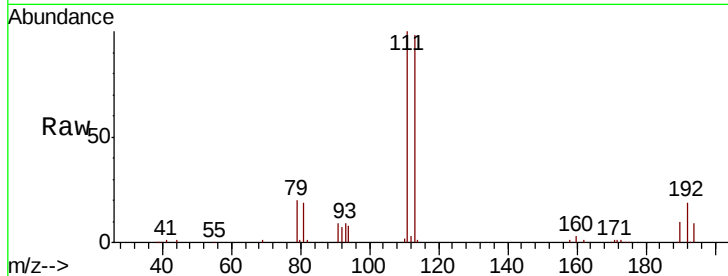
Delta R.T. -0.00 min

Lab File: VX012951.D

Acq: 09 Oct 2019 18:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	88837
Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.2	124.8
192	19.1	15.4	23.2



#36

1,1-Dichloropropene

Concen: 5.654 ug/l

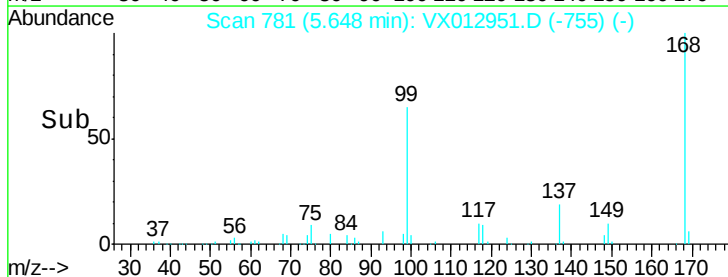
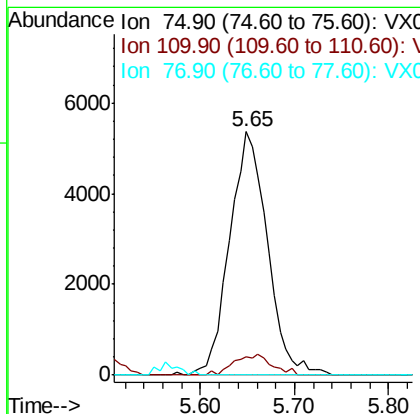
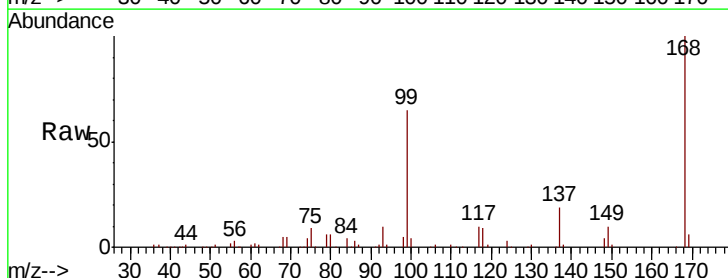
RT: 5.65 min Scan# 781

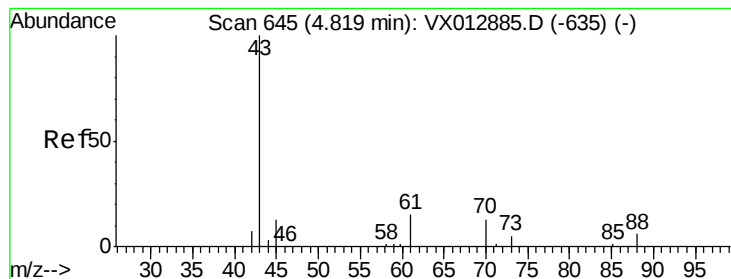
Delta R.T. -0.14 min

Lab File: VX012951.D

Acq: 09 Oct 2019 18:29

Tgt Ion:	75	Resp:	15001
Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.6	52.9#
77	0.0	24.4	36.6#





#37

Ethyl Acetate

Concen: 2.872 ug/l

RT: 4.67 min Scan# 621

Delta R.T. -0.15 min

Lab File: VX012951.D

Acq: 09 Oct 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

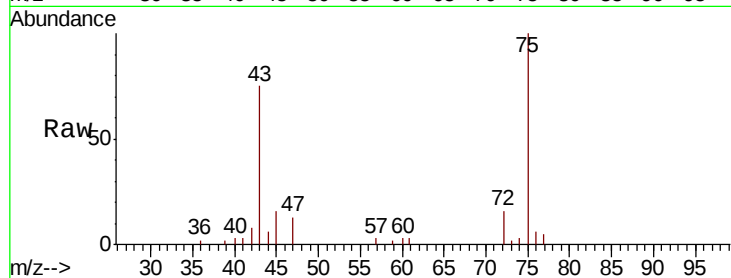
Tot Ion: 43 Resp: 8520

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.0#

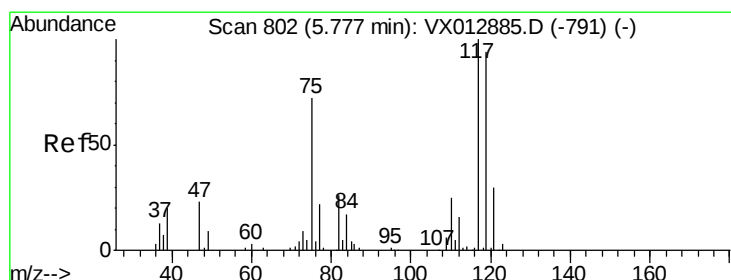
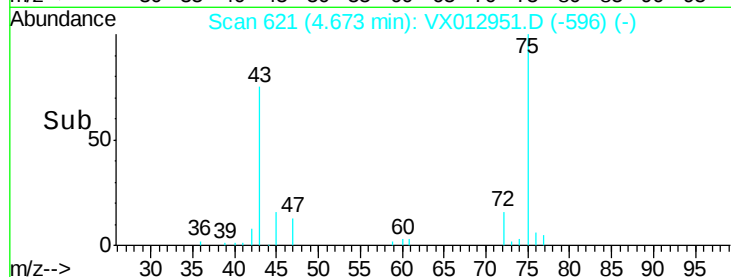
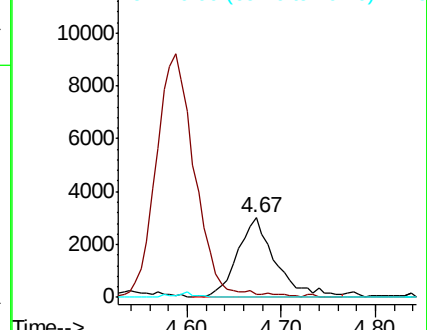
70 0.0 9.8 14.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 7.475 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX012951.D

Acq: 09 Oct 2019 18:29

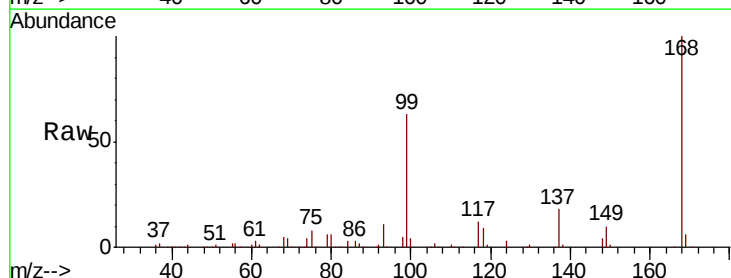
Tgt Ion: 117 Resp: 19306

Ion Ratio Lower Upper

117 100

119 4.4 74.5 111.7#

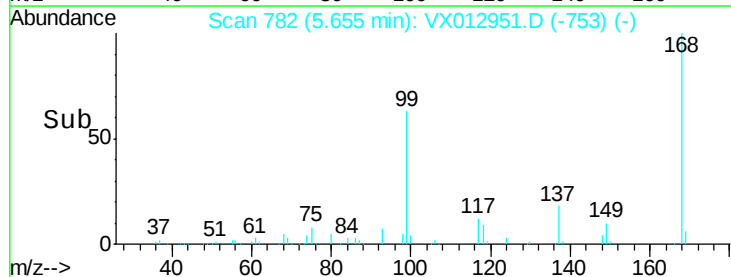
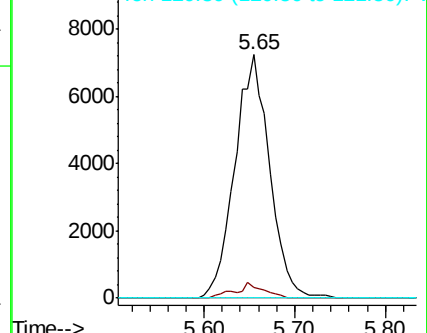
121 0.0 24.2 36.4#

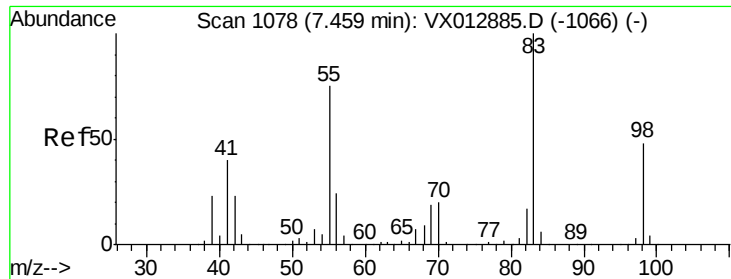


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

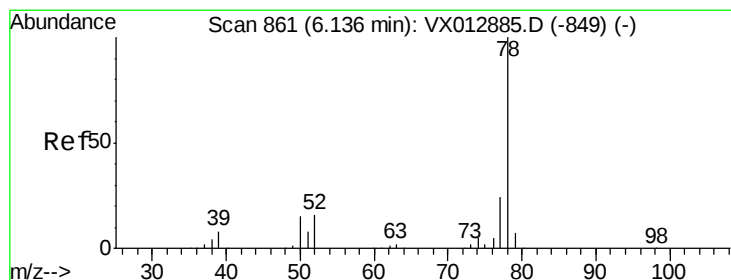
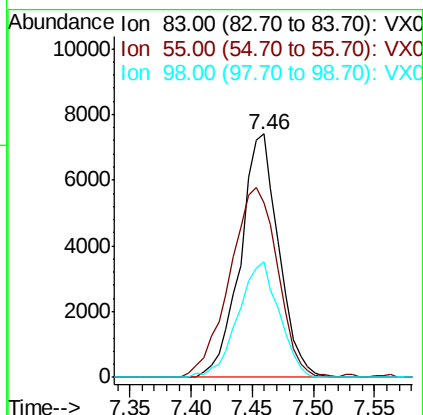
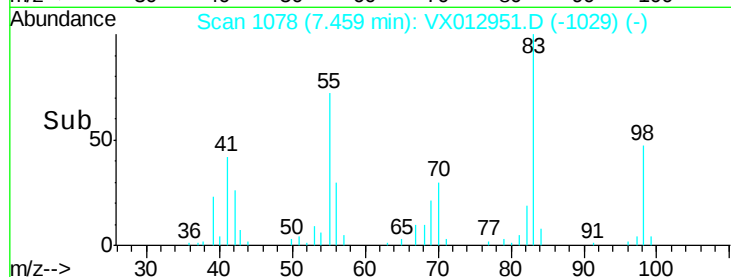
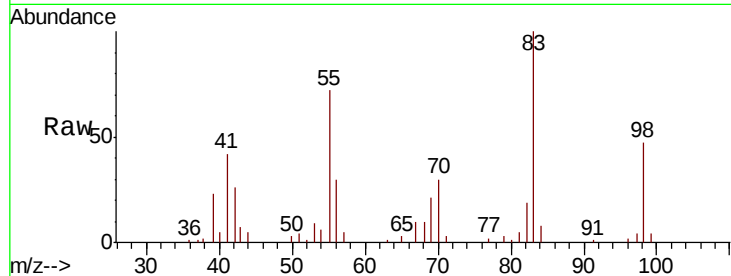




#39
Methvlcvclohexane
Concen: 5.003 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012951.D
Acq: 09 Oct 2019 18:29

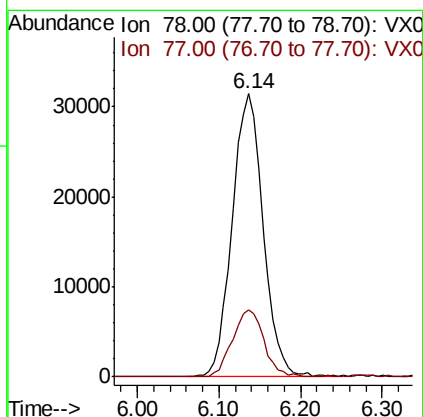
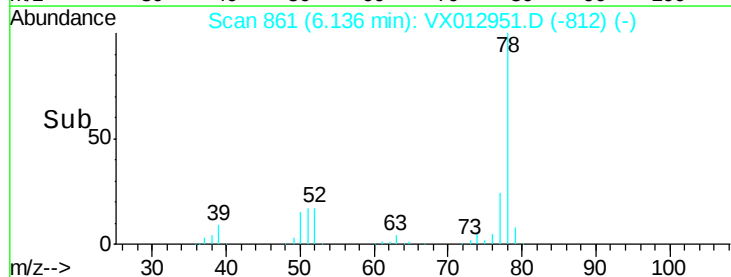
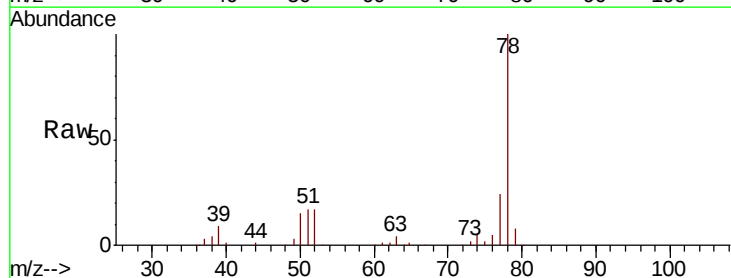
Instrument :
MSVOA_X
ClientSampled :

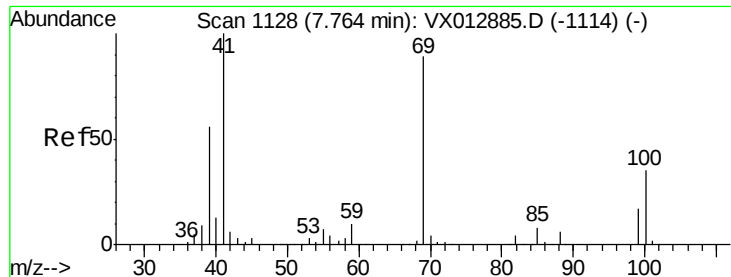
Tot Ion: 83 Resp: 16098
Ion Ratio Lower Upper
83 100
55 71.5 60.2 90.4
98 47.3 38.5 57.7



#40
Benzene
Concen: 10.548 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX012951.D
Acq: 09 Oct 2019 18:29

Tgt Ion: 78 Resp: 82663
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

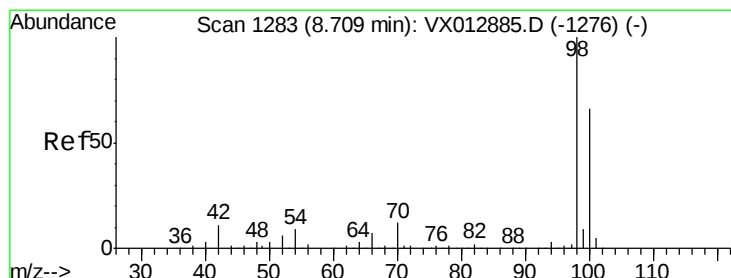
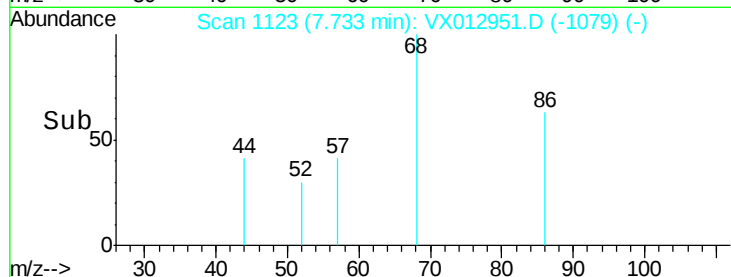
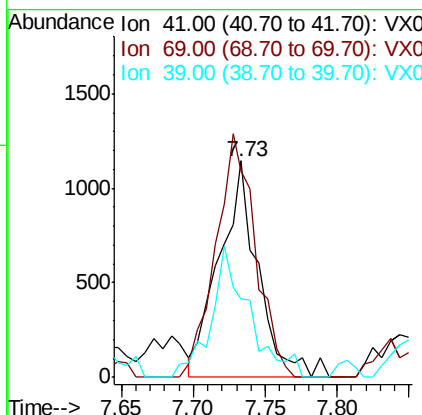
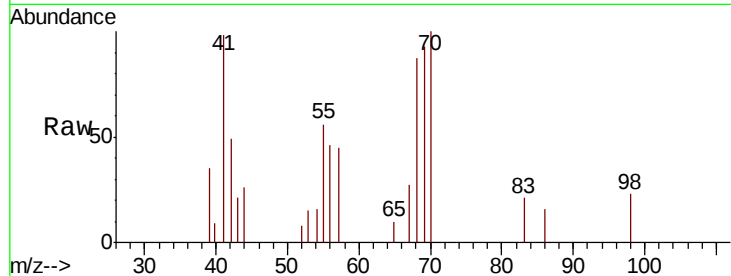




#48
Methvl methacrylate
Concen: 0.932 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.03 min
Lab File: VX012951.D
Acq: 09 Oct 2019 18:29

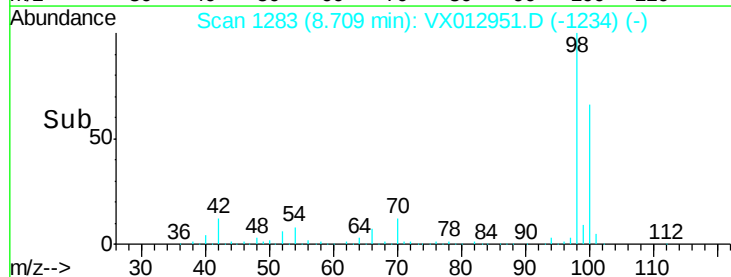
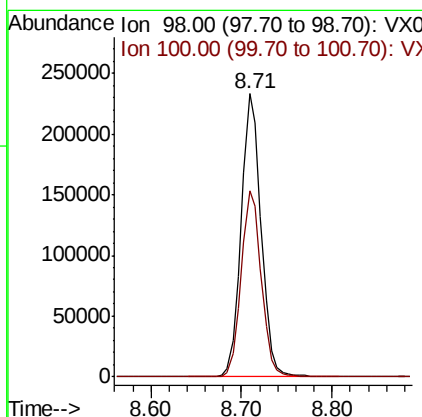
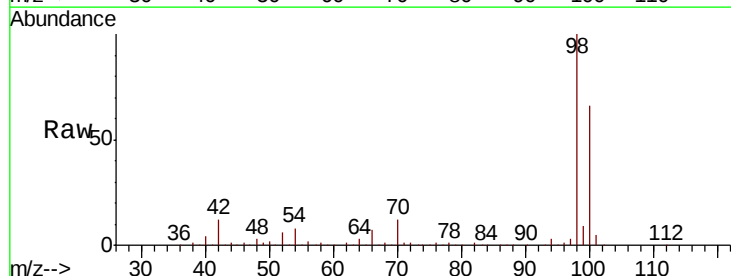
Instrument :
MSVOA_X
ClientSampleId :

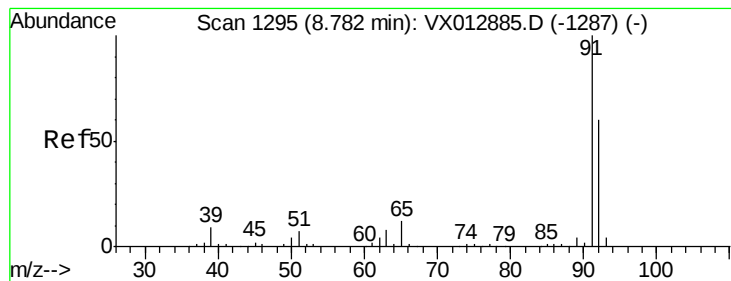
Tot Ion: 41 Resp: 2163
Ion Ratio Lower Upper
41 100
69 114.5 68.7 103.1#
39 58.6 44.3 66.5



#50
Toluene-d8
Concen: 52.437 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012951.D
Acq: 09 Oct 2019 18:29

Tgt Ion: 98 Resp: 354244
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.2





#52

Toluene

Concen: 1.987 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012951.D

Acq: 09 Oct 2019 18:29

Instrument :

MSVOA_X

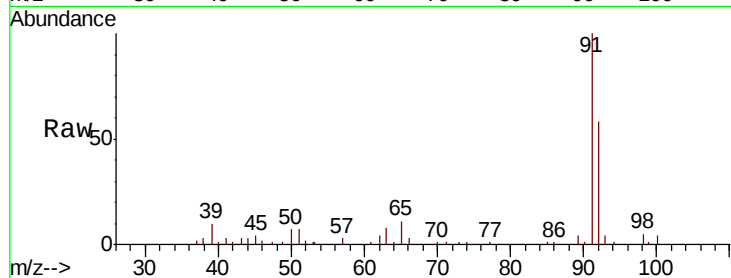
ClientSampleId :

Tot Ion: 92 Resp: 9960

Ion Ratio Lower Upper

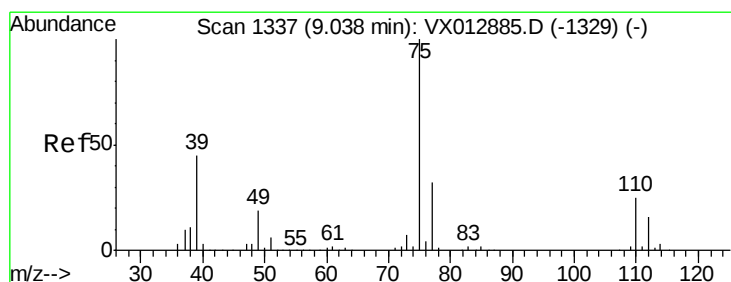
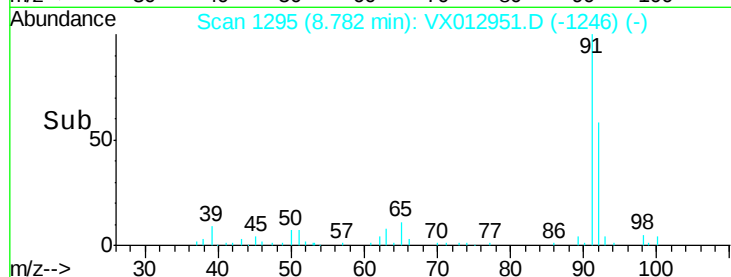
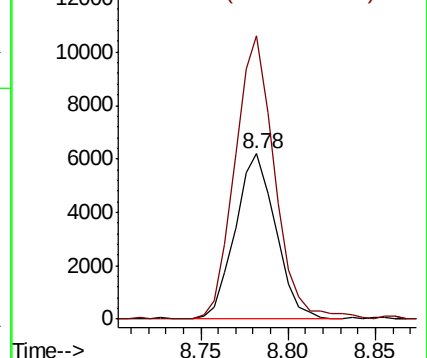
92 100

91 168.4 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 2.189 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.26 min

Lab File: VX012951.D

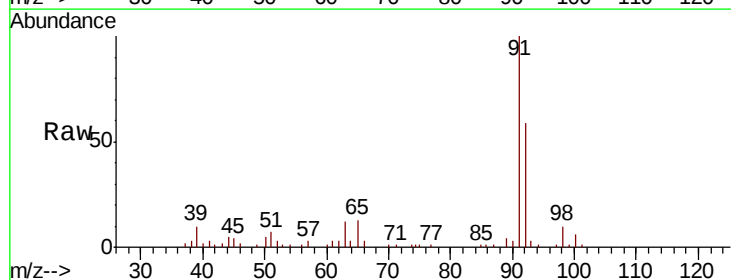
Acq: 09 Oct 2019 18:29

Tgt Ion: 75 Resp: 68

Ion Ratio Lower Upper

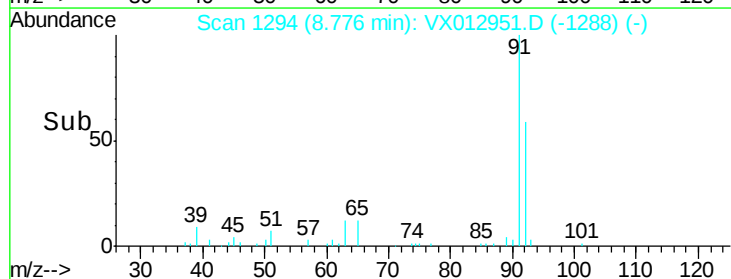
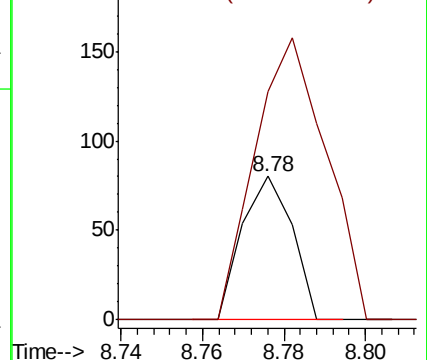
75 100

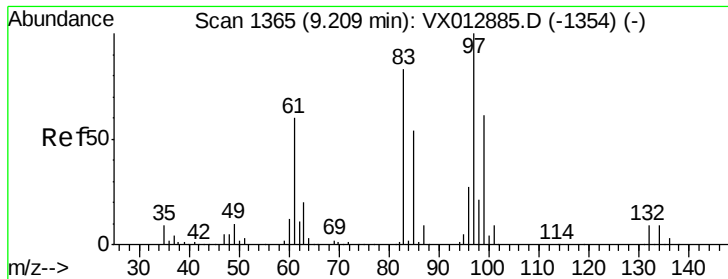
77 160.0 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

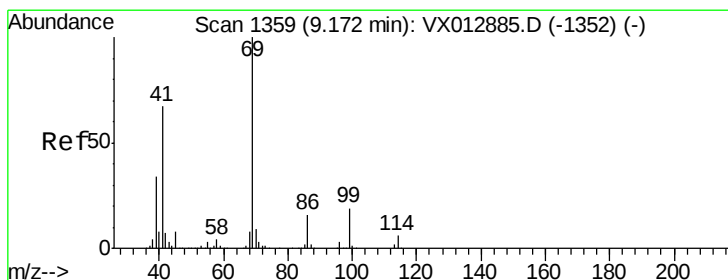
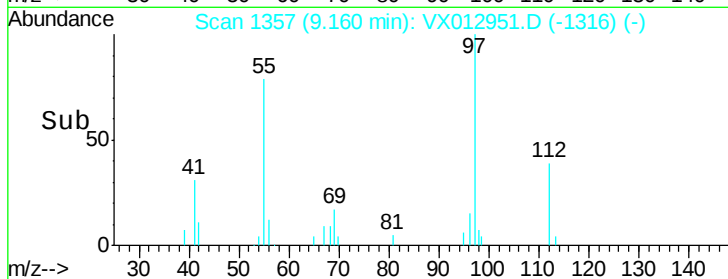
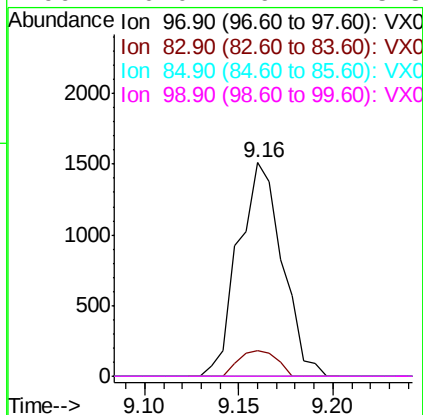
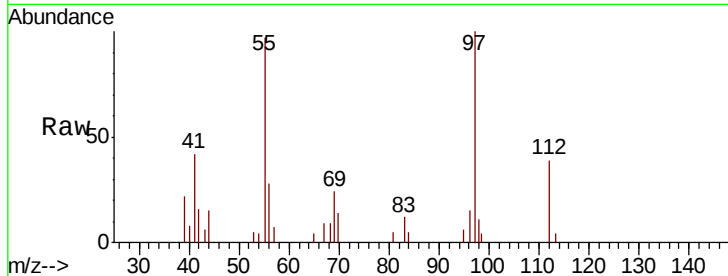




#55
 1,1,2-Trichloroethane
 Concen: 1.233 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.05 min
 Lab File: VX012951.D
 Acq: 09 Oct 2019 18:29

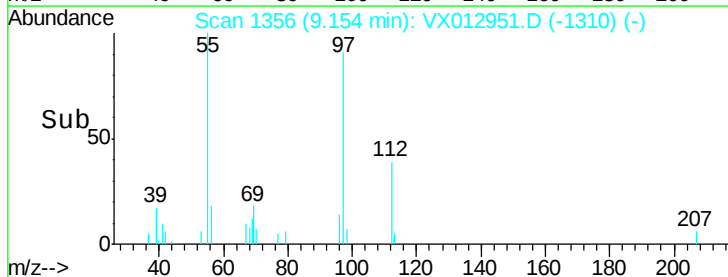
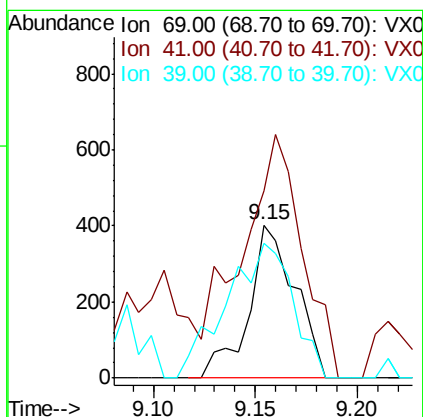
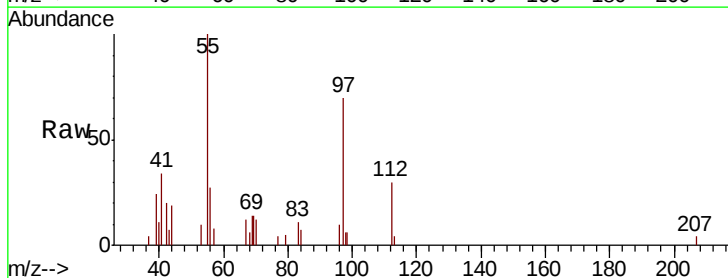
Instrument :
 MSVOA_X
 ClientSampleId :

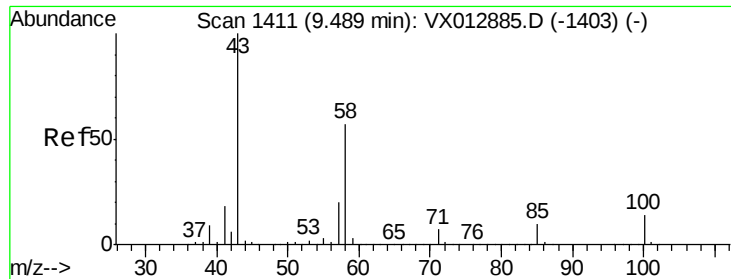
Tot Ion: 97 Resp: 2446
 Ion Ratio Lower Upper
 97 100
 83 11.9 66.5 99.7#
 85 0.0 43.1 64.7#
 99 0.0 49.2 73.8#



#56
 Ethyl methacrylate
 Concen: 2.006 ug/l
 RT: 9.15 min Scan# 1356
 Delta R.T. -0.02 min
 Lab File: VX012951.D
 Acq: 09 Oct 2019 18:29

Tgt Ion: 69 Resp: 643
 Ion Ratio Lower Upper
 69 100
 41 205.9 52.1 78.1#
 39 125.2 27.8 41.8#

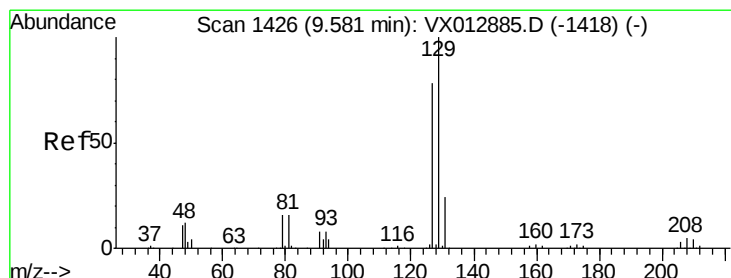
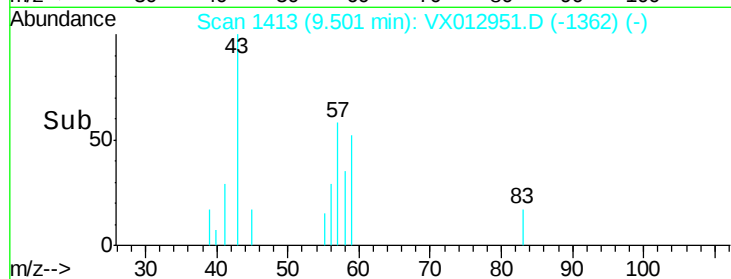
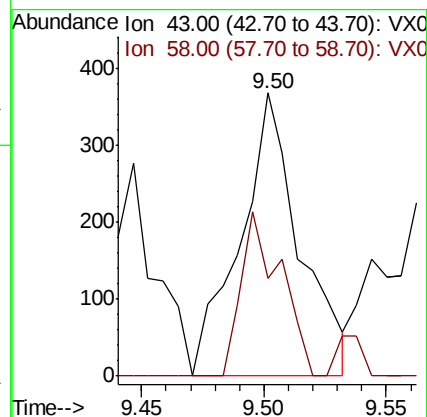
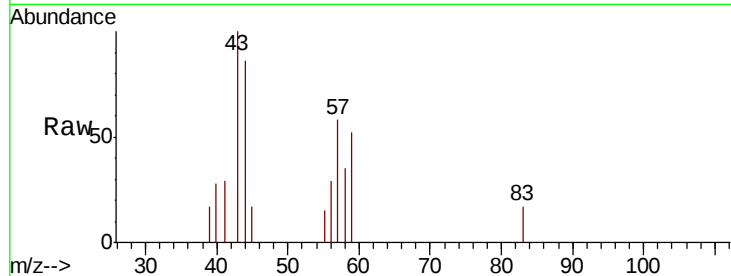




#59
2-Hexanone
Concen: 0.270 ug/l
RT: 9.50 min Scan# 1413
Delta R.T. 0.01 min
Lab File: VX012951.D
Acq: 09 Oct 2019 18:29

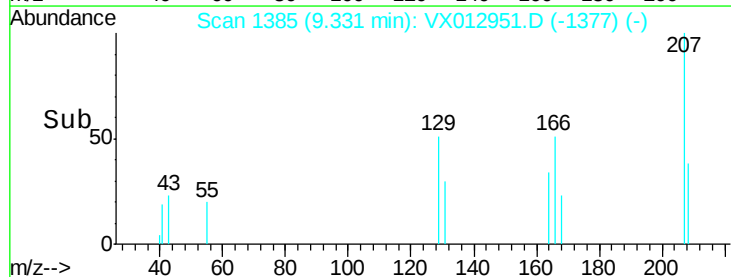
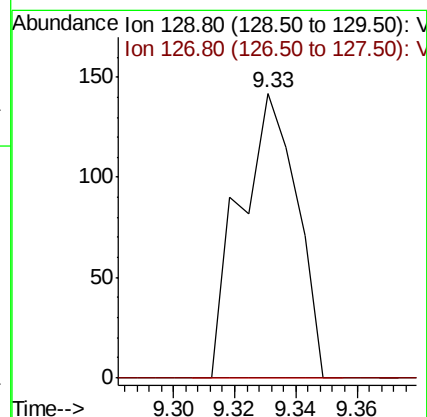
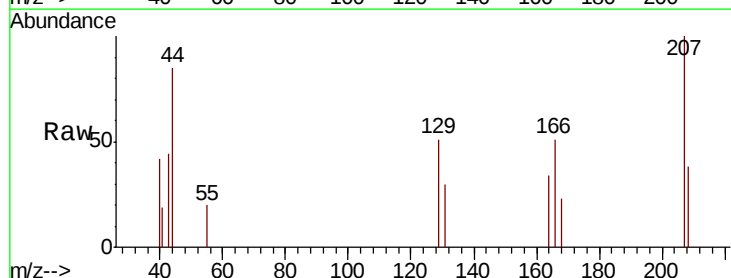
Instrument :
MSVOA_X
ClientSampled :

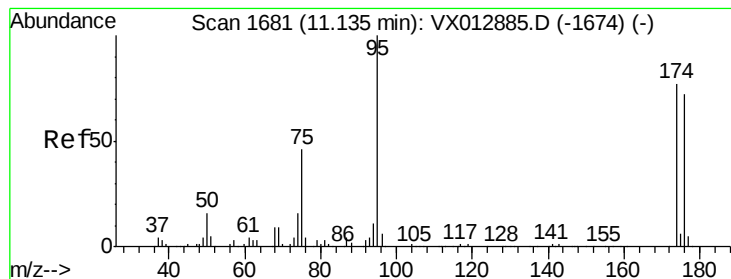
Tot Ion: 43 Resp: 623
Ion Ratio Lower Upper
43 100
58 38.7 28.1 84.3



#60
Dibromochloromethane
Concen: 1.937 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX012951.D
Acq: 09 Oct 2019 18:29

Tgt Ion: 129 Resp: 183
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#





#62

4-Bromofluorobenzene

Concen: 48.863 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012951.D

Acq: 09 Oct 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

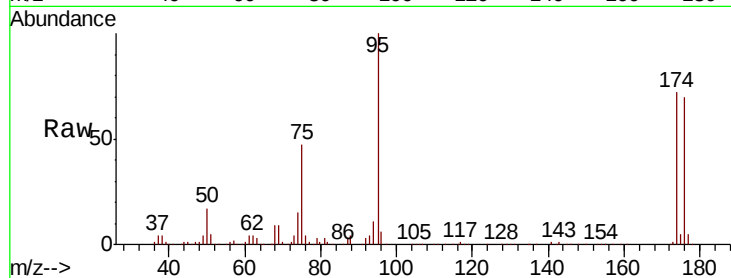
Tot Ion: 95 Resp: 128261

Ion Ratio Lower Upper

95 100

174 71.2 0.0 143.4

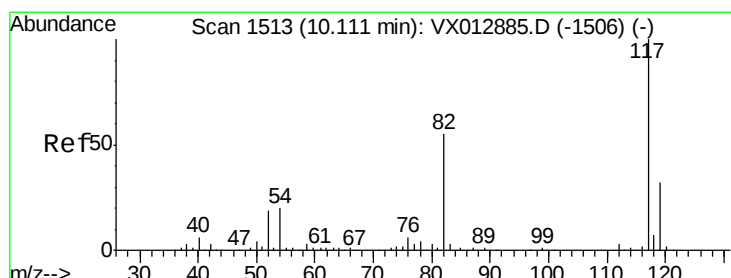
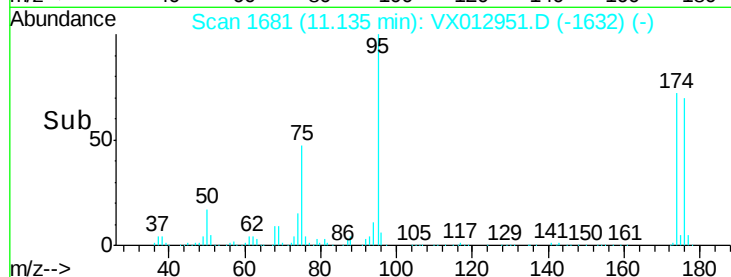
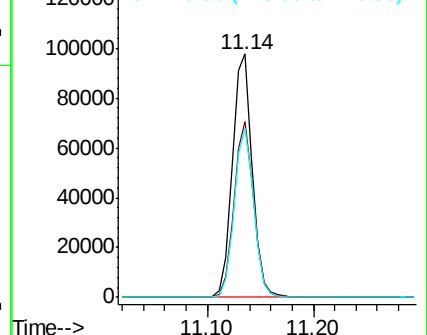
176 68.2 0.0 136.0



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: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012951.D

Acq: 09 Oct 2019 18:29

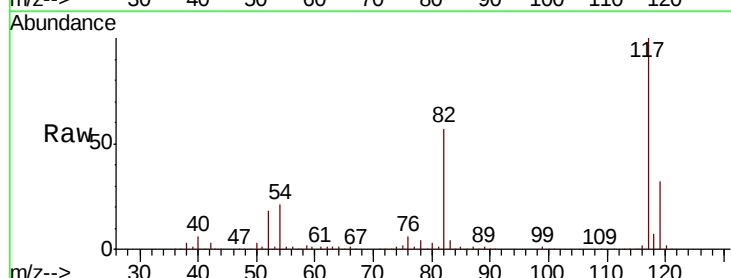
Tgt Ion: 117 Resp: 260376

Ion Ratio Lower Upper

117 100

82 56.9 44.1 66.1

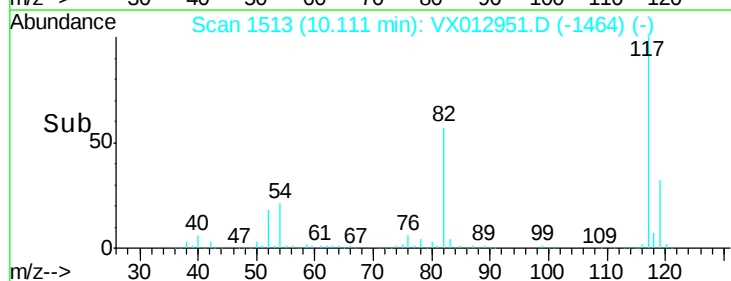
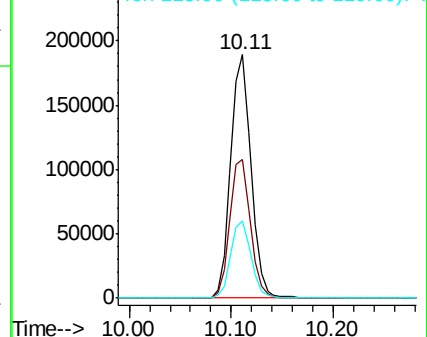
119 31.8 25.8 38.8

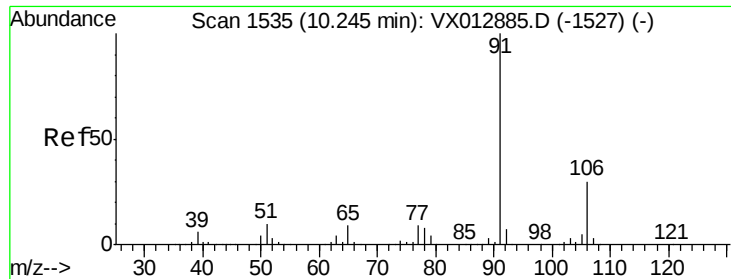


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

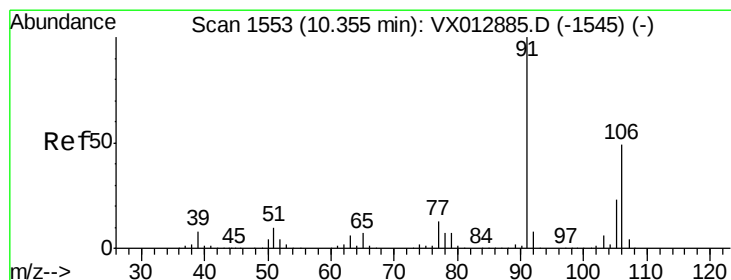
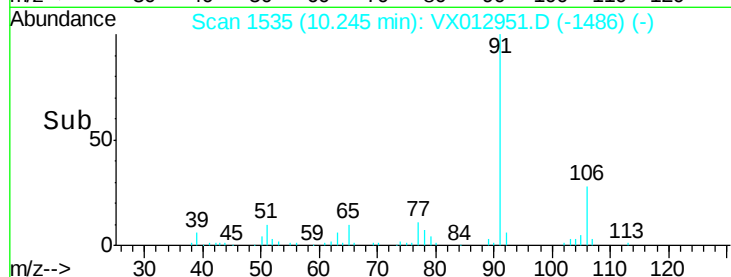
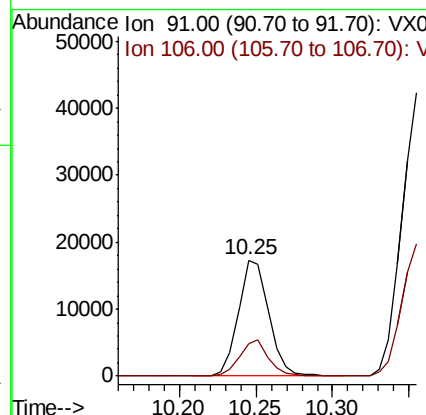
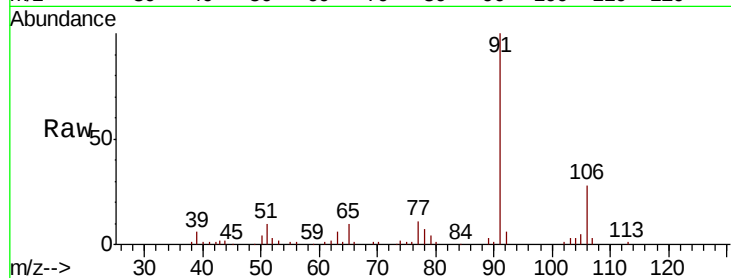




#67
Ethyl Benzene
Concen: 2.599 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012951.D
Acq: 09 Oct 2019 18:29

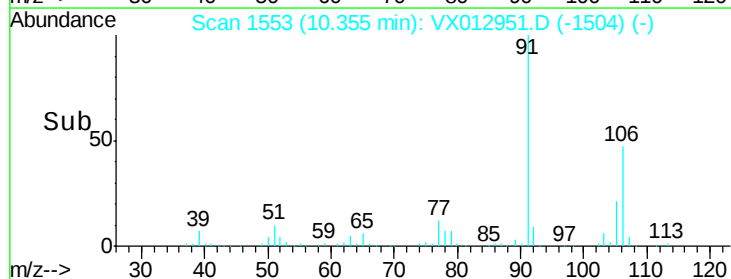
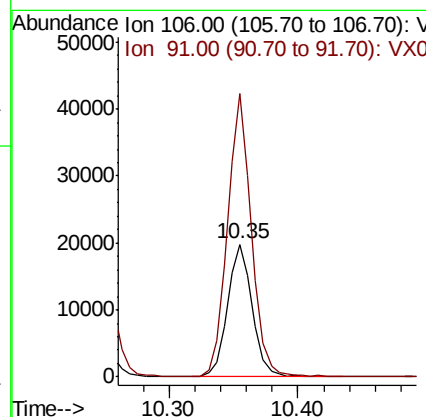
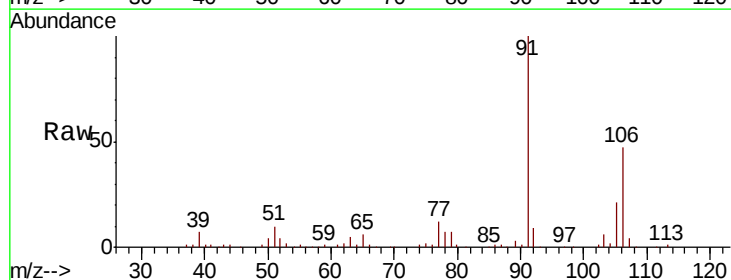
Instrument :
MSVOA_X
ClientSampleId :

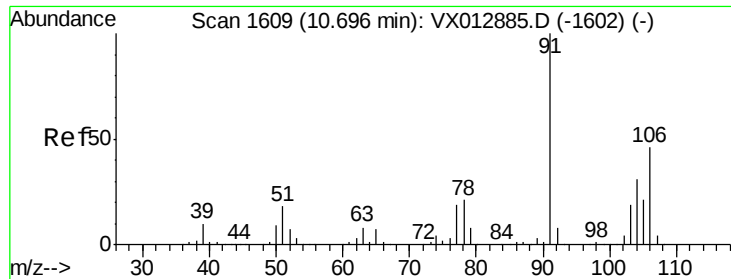
Tot Ion: 91 Resp: 23870
Ion Ratio Lower Upper
91 100
106 27.7 23.9 35.9



#68
m/p-Xylenes
Concen: 7.771 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012951.D
Acq: 09 Oct 2019 18:29

Tgt Ion: 106 Resp: 26665
Ion Ratio Lower Upper
106 100
91 208.4 165.3 247.9

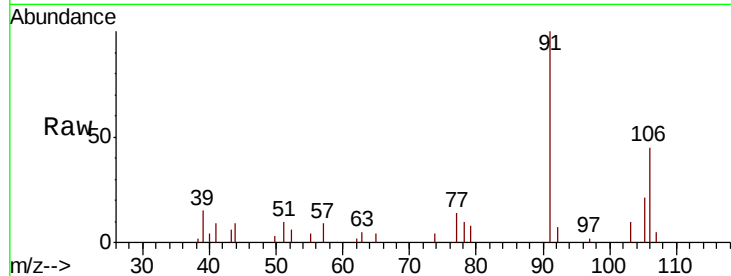




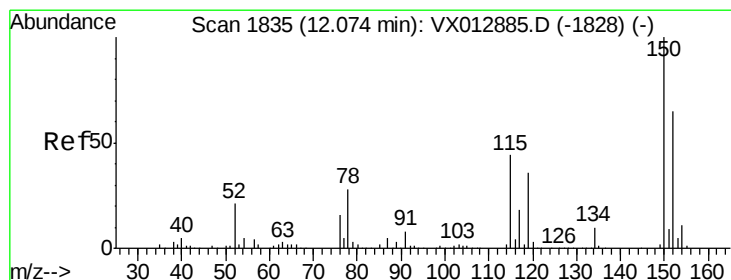
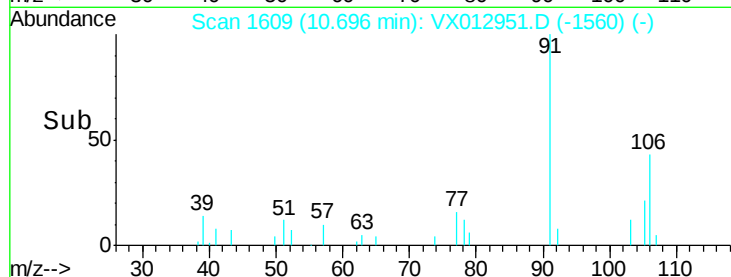
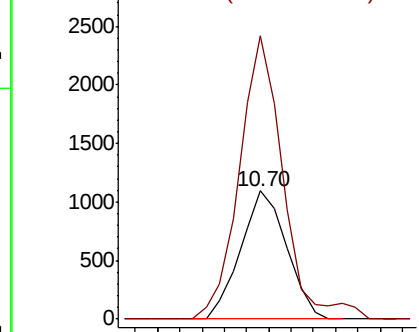
#69
o-Xylene
Concen: 0.472 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012951.D
Acq: 09 Oct 2019 18:29

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 1579
Ion Ratio Lower Upper
106 100
91 209.1 109.1 327.3

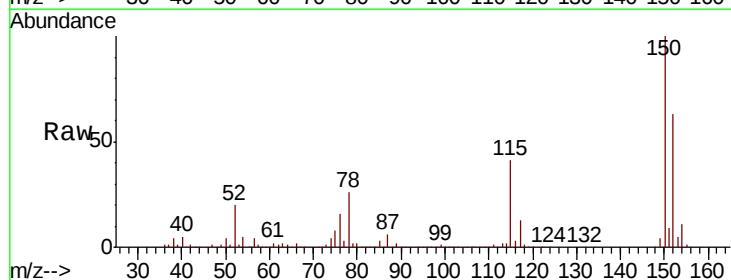


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

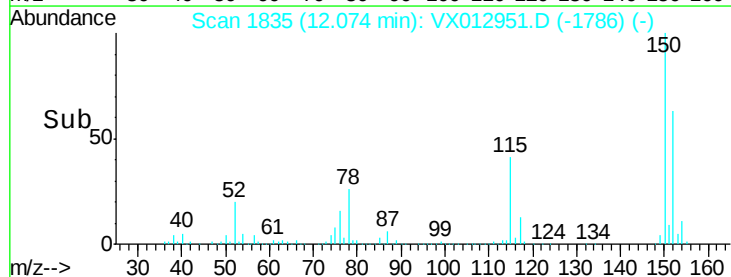
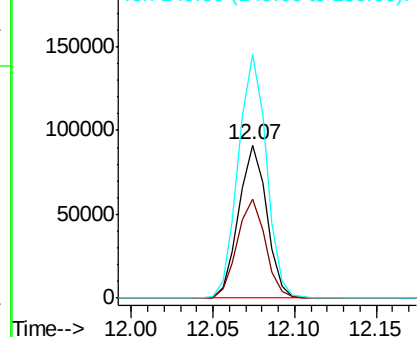


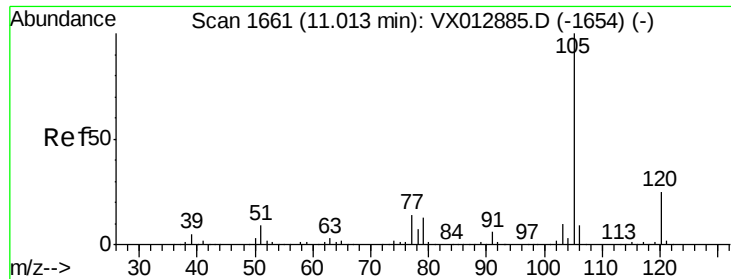
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012951.D
Acq: 09 Oct 2019 18:29

Tgt Ion:152 Resp: 109834
Ion Ratio Lower Upper
152 100
115 65.0 44.5 133.5
150 160.0 0.0 353.4



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: 6.378 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012951.D

Acq: 09 Oct 2019 18:29

Instrument :

MSVOA_X

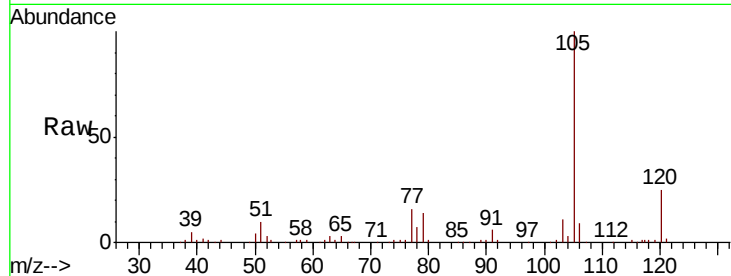
ClientSampleId :

Tot Ion:105 Resp: 51507

Ion Ratio Lower Upper

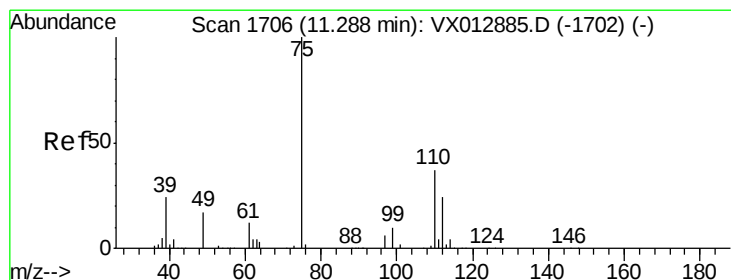
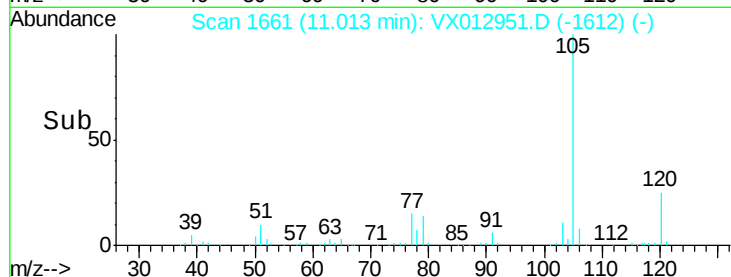
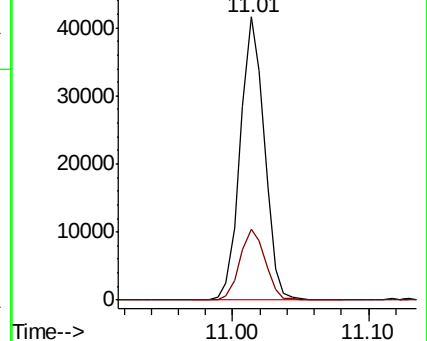
105 100

120 26.0 13.0 39.0



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: 25.627 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012951.D

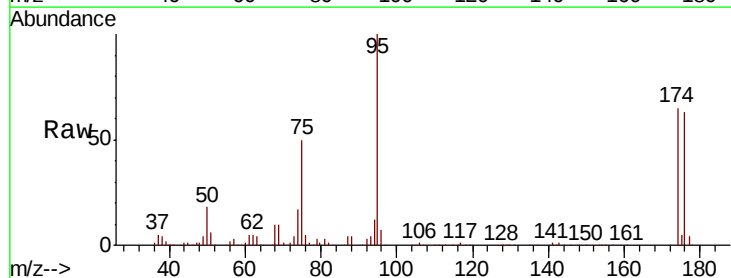
Acq: 09 Oct 2019 18:29

Tgt Ion: 75 Resp: 62429

Ion Ratio Lower Upper

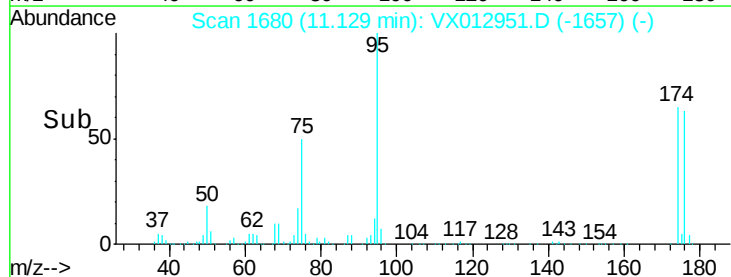
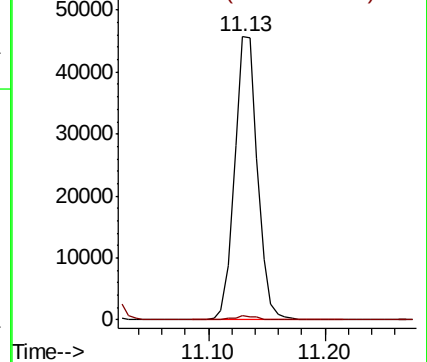
75 100

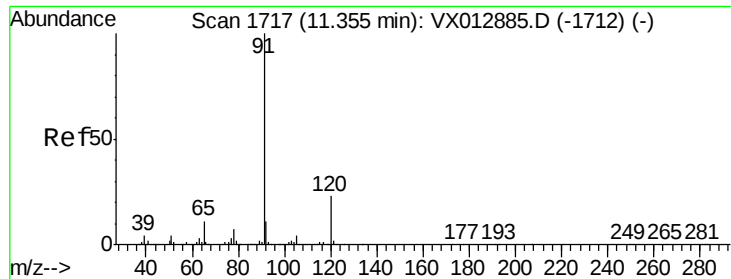
77 1.5 22.9 68.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

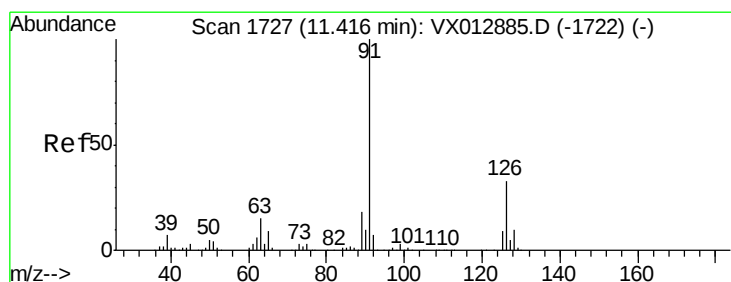
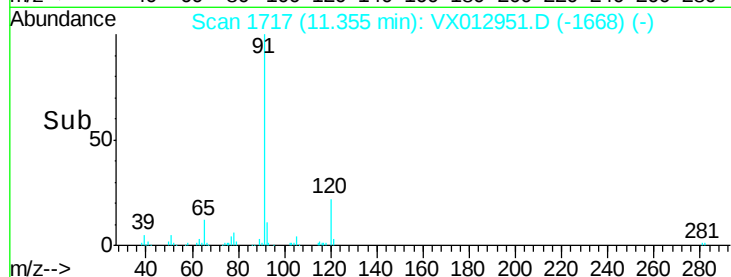
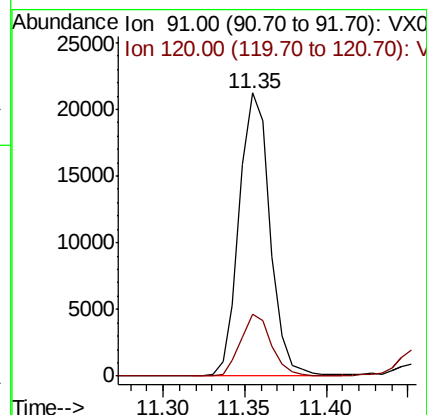
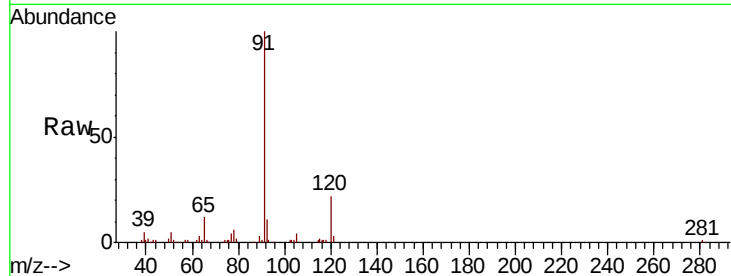




#78
n-propylbenzene
Concen: 3.153 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX012951.D
Acq: 09 Oct 2019 18:29

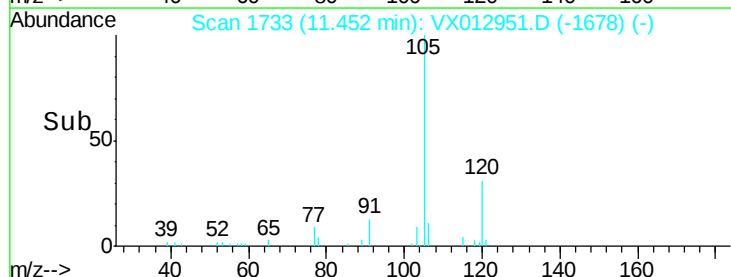
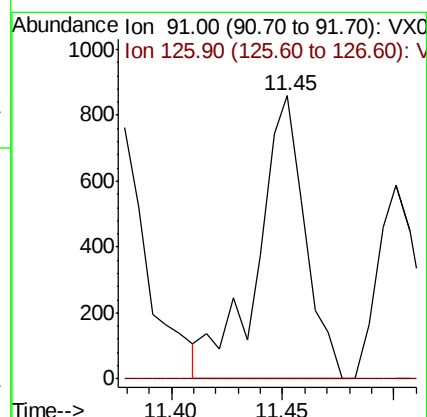
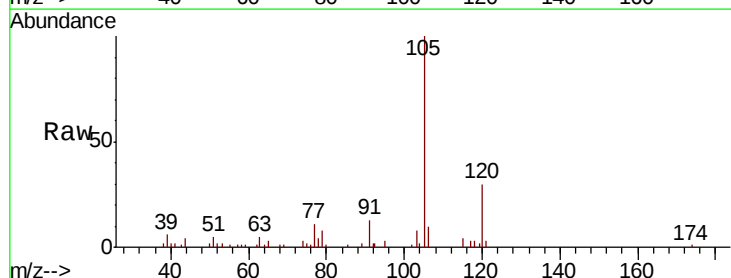
Instrument :
MSVOA_X
ClientSampleId :

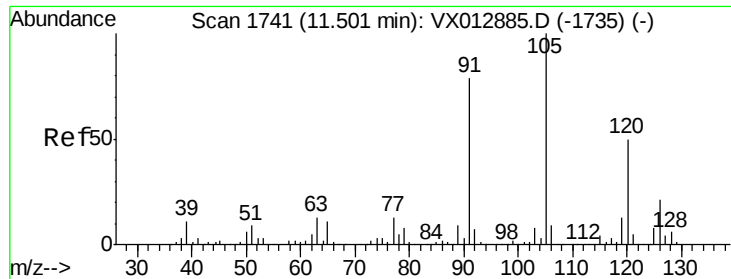
Tot Ion: 91 Resp: 28016
Ion Ratio Lower Upper
91 100
120 21.8 11.7 35.1



#79
2-Chlorotoluene
Concen: 0.227 ug/l
RT: 11.45 min Scan# 1733
Delta R.T. 0.04 min
Lab File: VX012951.D
Acq: 09 Oct 2019 18:29

Tgt Ion: 91 Resp: 1266
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#

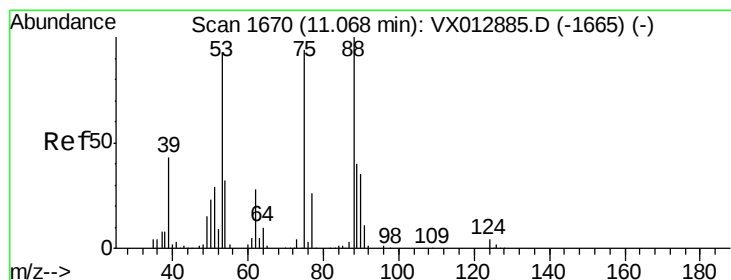
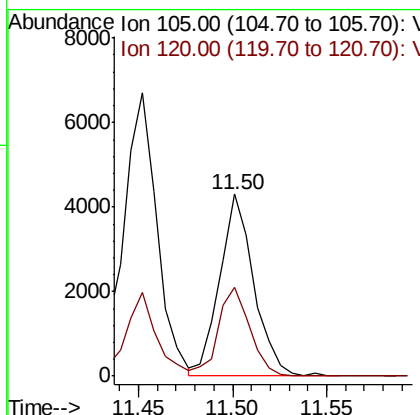
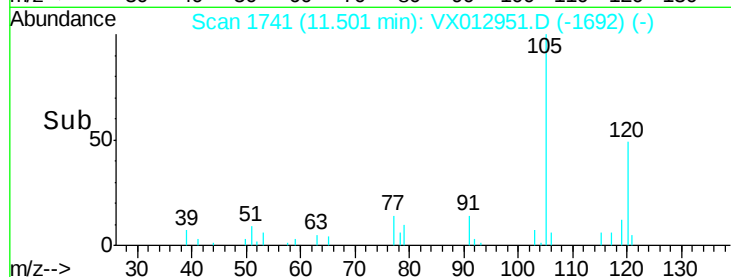
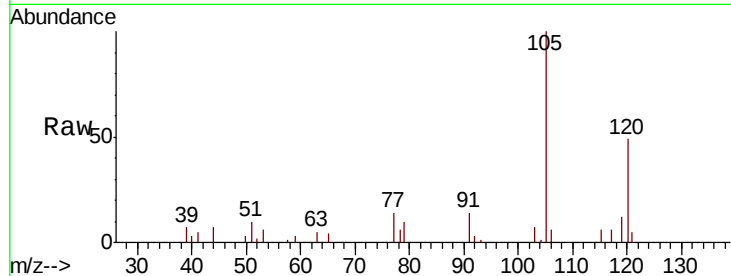




#80
 1,3,5-Trimethylbenzene
 Concen: 0.802 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012951.D
 Acq: 09 Oct 2019 18:29

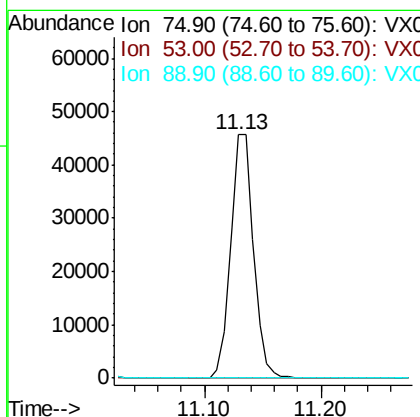
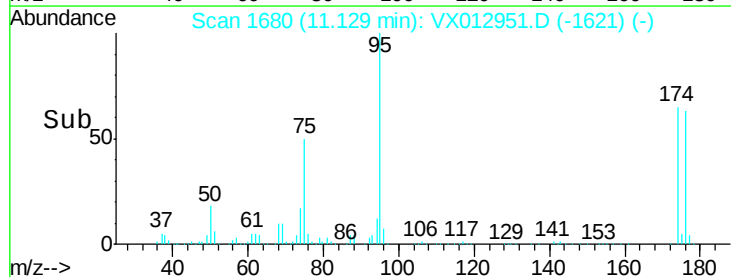
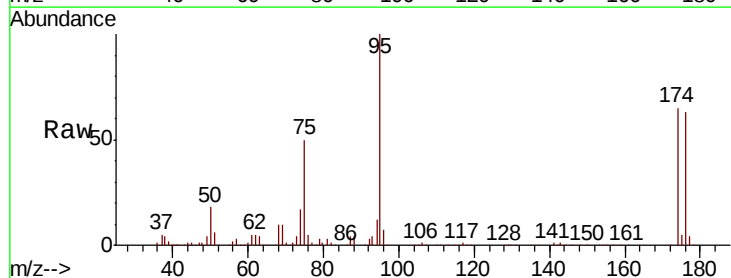
Instrument :
 MSVOA_X
 ClientSampleId :

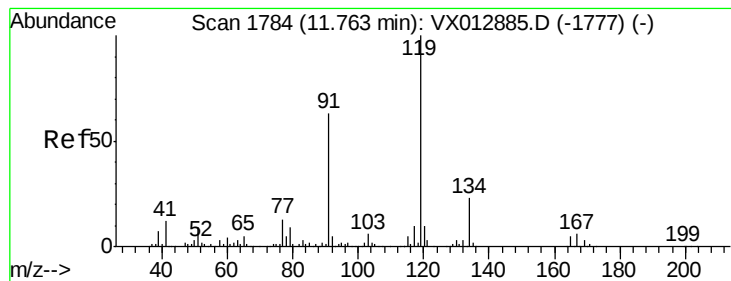
Tot Ion:105 Resp: 5407
 Ion Ratio Lower Upper
 105 100
 120 45.2 24.8 74.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.600 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX012951.D
 Acq: 09 Oct 2019 18:29

Tgt Ion: 75 Resp: 62429
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.5 117.7#
 89 0.0 37.4 56.2#





#83

tert-Butylbenzene

Concen: 0.238 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX012951.D

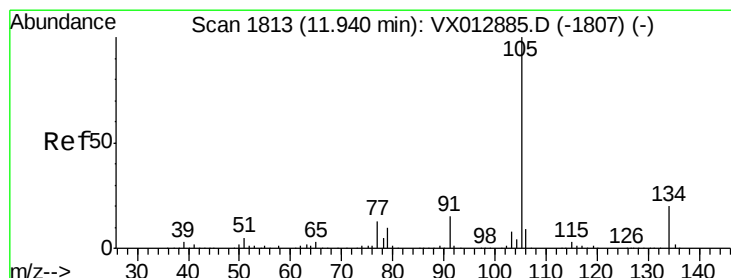
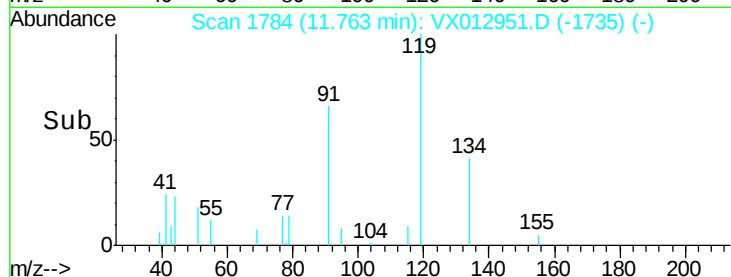
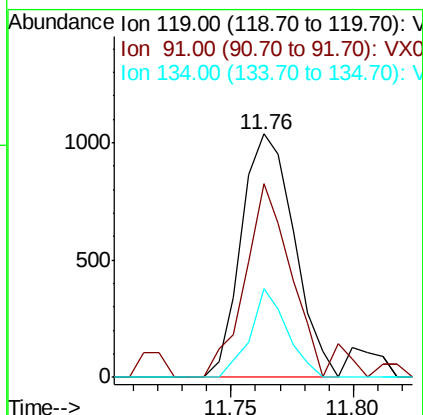
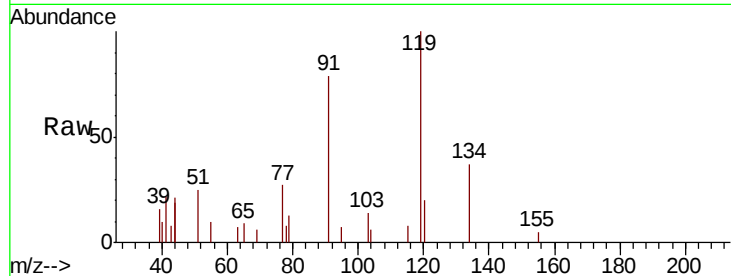
Acq: 09 Oct 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:119	Resp:	1563
Ion Ratio	Lower	Upper
119	100	
91	73.6	29.3 87.9
134	25.7	11.5 34.4



#85

sec-Butylbenzene

Concen: 0.387 ug/l

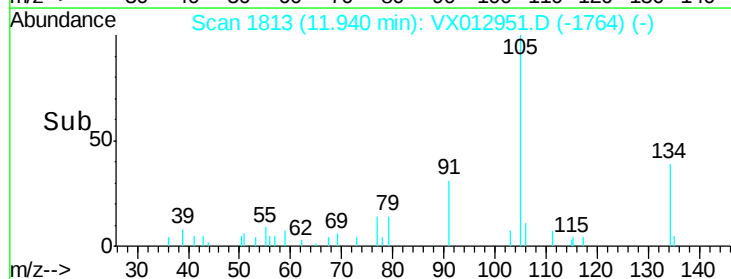
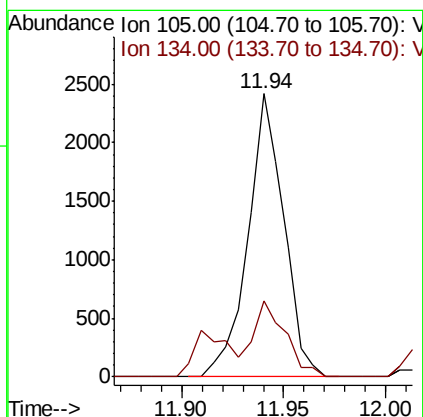
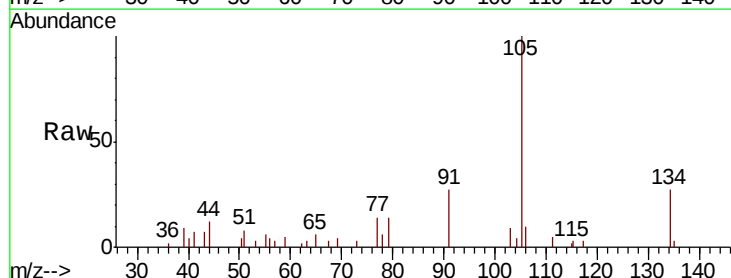
RT: 11.94 min Scan# 1813

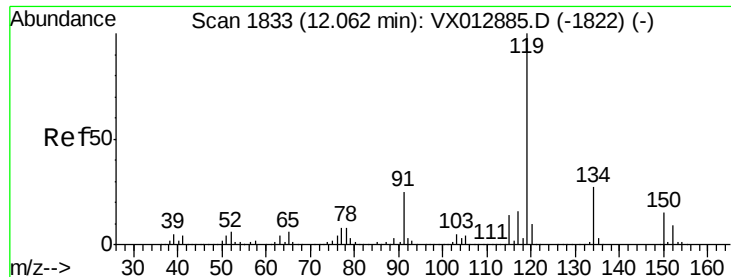
Delta R.T. -0.00 min

Lab File: VX012951.D

Acq: 09 Oct 2019 18:29

Tgt Ion:105	Resp:	2951
Ion Ratio	Lower	Upper
105	100	
134	24.0	10.0 30.0

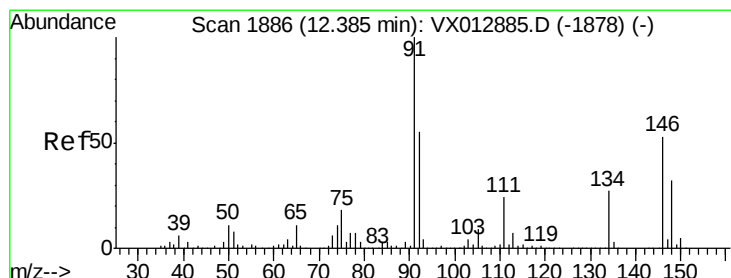
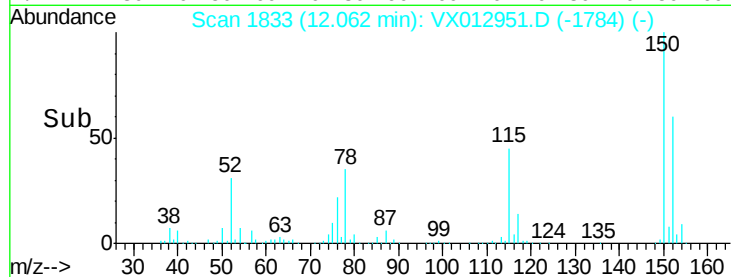
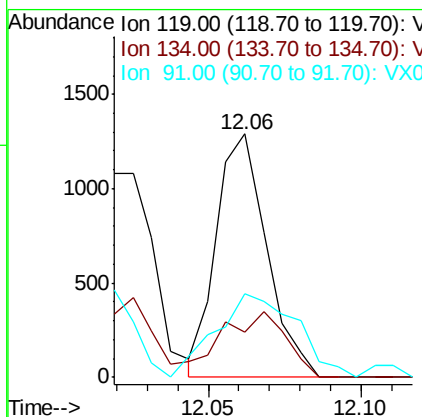
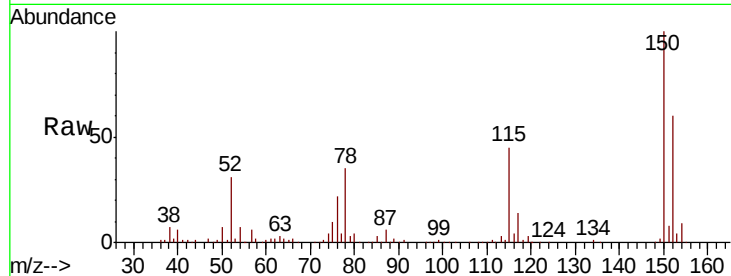




#86
 p-Isopropyltoluene
 Concen: 0.208 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012951.D
 Acq: 09 Oct 2019 18:29

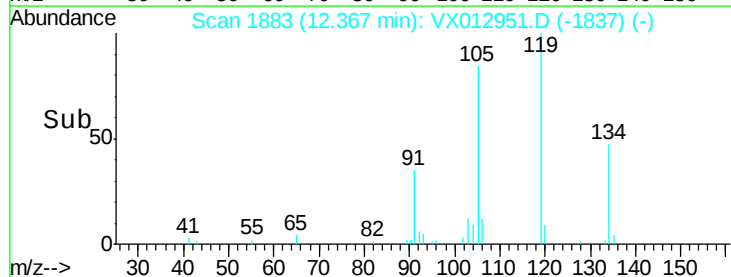
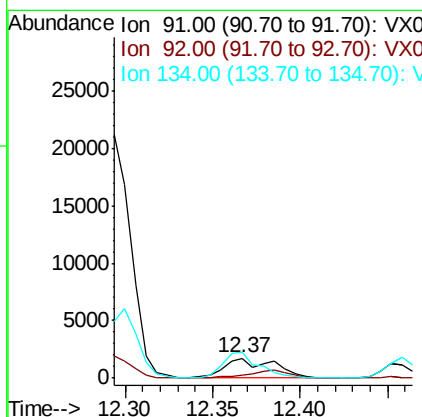
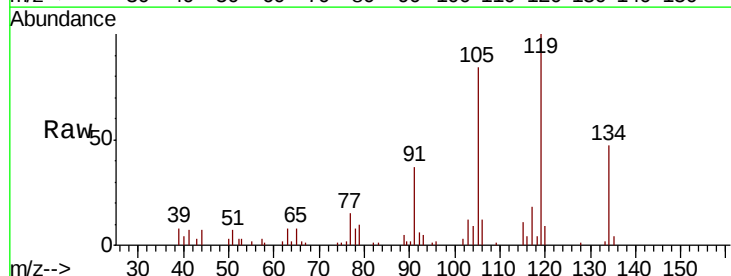
Instrument :
 MSVOA_X
 ClientSampleId :

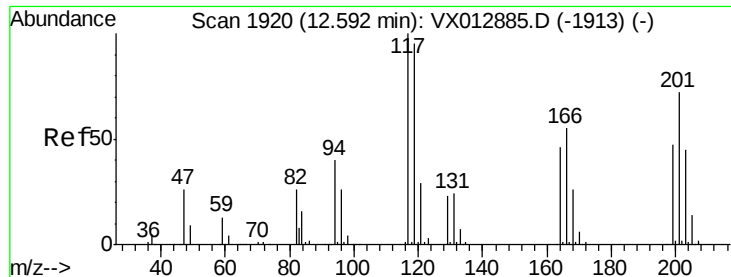
Tot Ion:119 Resp: 1472
 Ion Ratio Lower Upper
 119 100
 134 33.2 12.6 37.8
 91 55.3 12.4 37.4#



#89
 n-Butylbenzene
 Concen: 0.583 ug/l
 RT: 12.37 min Scan# 1883
 Delta R.T. -0.02 min
 Lab File: VX012951.D
 Acq: 09 Oct 2019 18:29

Tgt Ion: 91 Resp: 3461
 Ion Ratio Lower Upper
 91 100
 92 32.5 27.5 82.5
 134 93.1 12.9 38.7#





#90

Hexachloroethane

Concen: 5.611 ug/l

RT: 12.67 min Scan# 1932

Delta R.T. 0.07 min

Lab File: VX012951.D

Acq: 09 Oct 2019 18:29

Instrument :

MSVOA_X

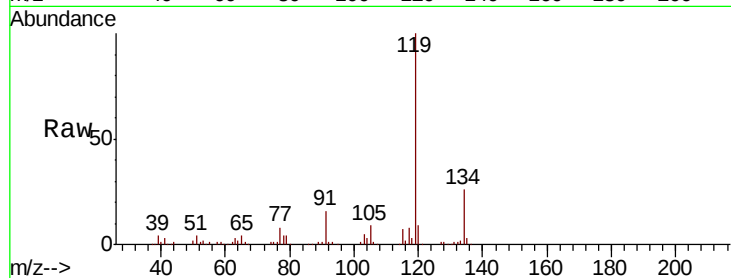
ClientSampleId :

Tot Ion:117 Resp: 4774

Ion Ratio Lower Upper

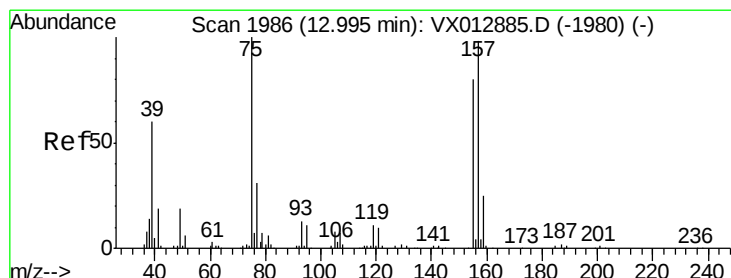
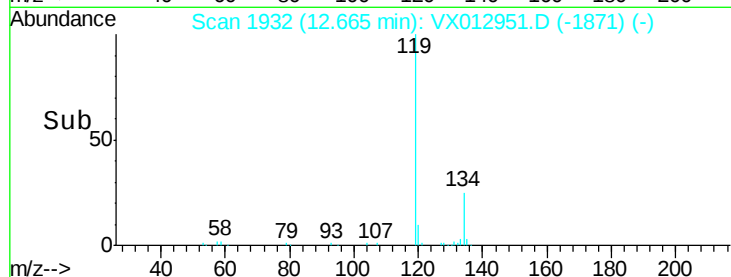
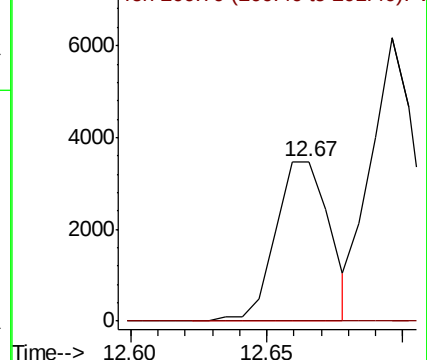
117 100

201 0.0 36.9 110.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.580 ug/l

RT: 12.97 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VX012951.D

Acq: 09 Oct 2019 18:29

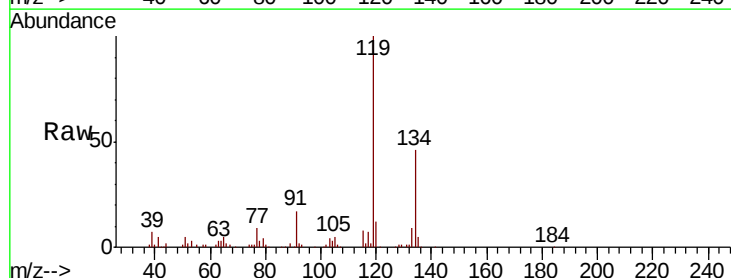
Tgt Ion: 75 Resp: 365

Ion Ratio Lower Upper

75 100

155 12.6 43.0 128.8#

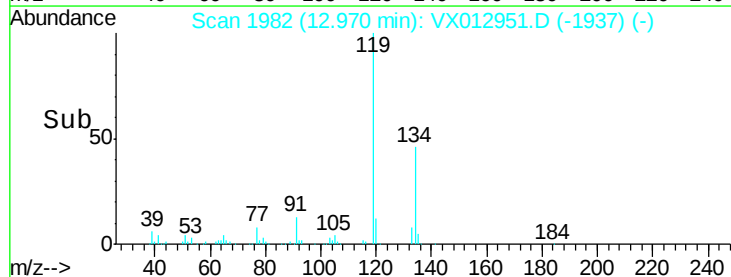
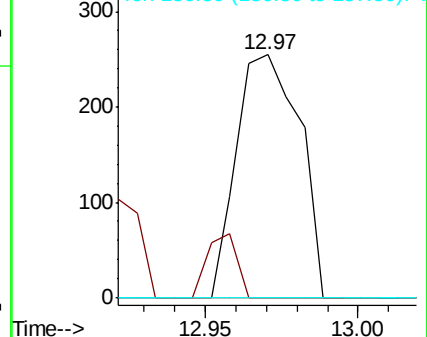
157 0.0 54.1 162.3#

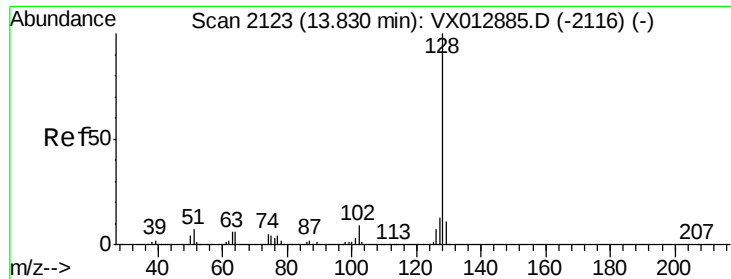


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

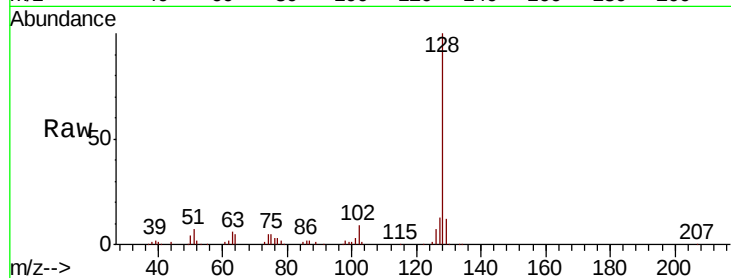




#95
Naphthalene
Concen: 5.018 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012951.D
Acq: 09 Oct 2019 18:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.4
129	10.9	8.8	13.2



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

