

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
 Data File : VX013474.D
 Acq On : 20 Nov 2019 14:02
 Operator : JC/SP
 Sample : K5958-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 21 00:46:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	712956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1162707	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1069490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	514241	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	424272	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	
35) Dibromofluoromethane	5.48	113	356037	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
50) Toluene-d8	8.71	98	1417527	51.56	ug/l	0.00
Spiked Amount			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	11.13	95	544349	54.86	ug/l	0.00
Spiked Amount			Recovery	=	109.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	5335	0.599	ug/l #	43
6) Chloroethane	1.95	64	1316	Below Cal	#	43
11) Tert butyl alcohol	3.01	59	139434	62.632	ug/l #	87
15) Acrylonitrile	3.13	53	891	0.214	ug/l #	54
16) Acetone	2.42	43	14950	3.549	ug/l #	85
17) Carbon Disulfide	2.56	76	7585	0.433	ug/l #	90
20) Methylene Chloride	2.84	84	2062	0.265	ug/l	92
25) 2-Butanone	4.65	43	8460	1.369	ug/l #	66
31) Cyclohexane	5.57	56	14247	1.234	ug/l #	97
36) 1,1-Dichloropropene	5.64	75	48750	4.887	ug/l #	51
38) Carbon Tetrachloride	5.64	117	64844	6.648	ug/l #	16
39) Methylcyclohexane	7.45	83	34923	2.810	ug/l #	83
44) Trichloroethene	7.20	130	1740	0.203	ug/l	84
48) Methyl methacrylate	7.73	41	2259	0.236	ug/l #	2
49) 1,4-Dioxane	7.72	88	586	2.671	ug/l #	46
51) 4-Methyl-2-Pentanone	8.67	43	8622	0.685	ug/l #	36
52) Toluene	8.78	92	4098	0.213	ug/l	81
55) 1,1,2-Trichloroethane	9.16	97	53597	6.715	ug/l #	19
56) Ethyl methacrylate	9.16	69	12346	2.441	ug/l #	1
59) 2-Hexanone	9.43	43	74954	7.703	ug/l #	29
67) Ethyl Benzene	10.25	91	359393	9.617	ug/l	98
68) m/p-Xylenes	10.35	106	305427	21.611	ug/l	98
69) o-Xylene	10.70	106	18947	1.369	ug/l	91
71) Bromoform	10.86	173	623	3.282	ug/l #	28
73) Isopropylbenzene	11.01	105	9496404	278.528	ug/l	96
74) N-amyl acetate	10.90	43	523248	33.095	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	315893	25.397	ug/l #	25
76) 1,2,3-Trichloropropane	11.35	75	120998	11.584	ug/l #	1
78) n-propylbenzene	11.35	91	13814487	363.733	ug/l #	75
79) 2-Chlorotoluene	11.35	91	13814487	603.708	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.45	105	1820233	64.094	ug/l	70
81) trans-1,4-Dichloro-2-buten	11.13	75	243094	59.907	ug/l #	15
82) 4-Chlorotoluene	11.35	91	13814487	515.728	ug/l #	44
83) tert-Butylbenzene	11.76	119	1099314	38.454	ug/l	87

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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

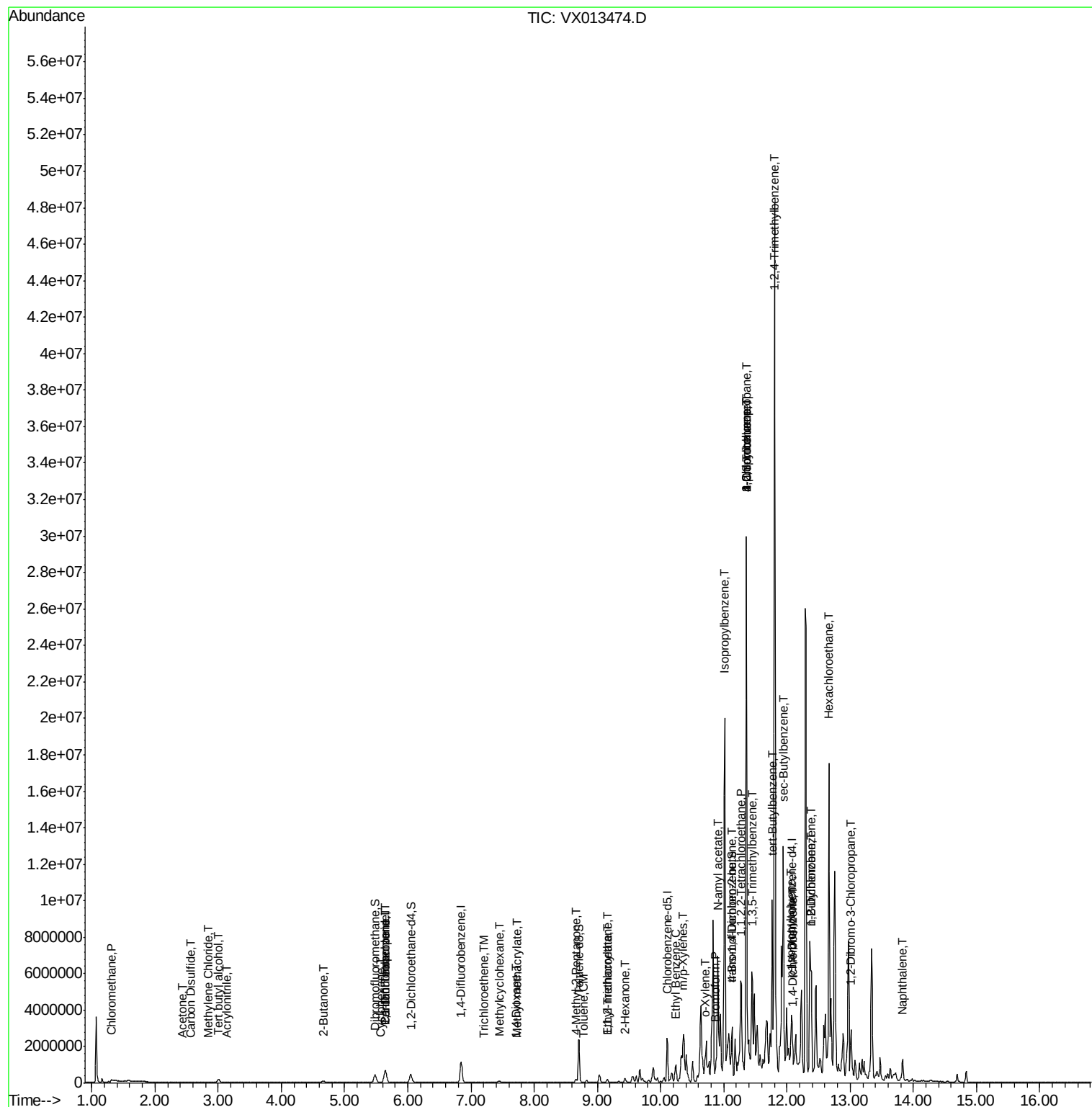
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.80	105	14132580	496.078	ug/l #	62
85) sec-Butylbenzene	11.94	105	5316367	161.808	ug/l	100
86) p-Isopropyltoluene	12.06	119	453962	15.005	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	3426	0.208	ug/l #	1
89) n-Butylbenzene	12.39	91	2364301	89.559	ug/l #	81
90) Hexachloroethane	12.67	117	688493	127.724	ug/l #	6
91) 1,2-Dichlorobenzene	12.39	146	7109	0.439	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.01	75	7566	2.497	ug/l #	3
95) Naphthalene	13.83	128	731545	20.639	ug/l	97

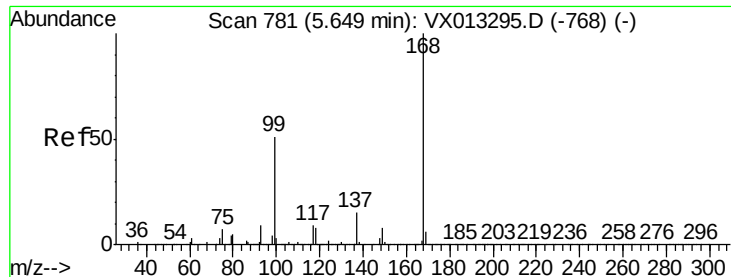
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Instrument :

MSVOA_X

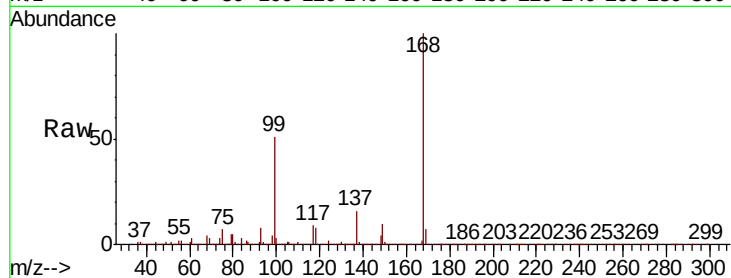
ClientSampleId :

Tot Ion:168 Resp: 712956

Ion Ratio Lower Upper

168 100

99 51.3 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

250000

200000

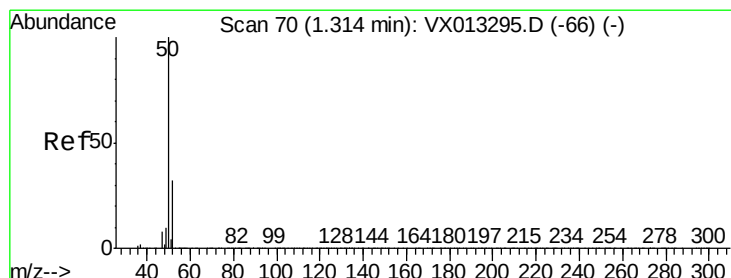
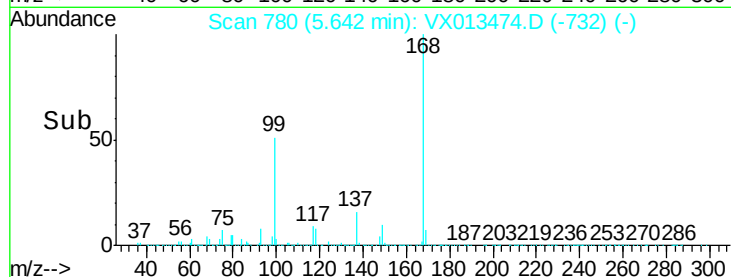
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.599 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013474.D

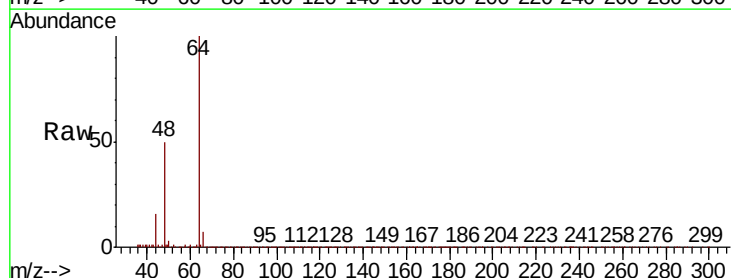
Acq: 20 Nov 2019 14:02

Tgt Ion: 50 Resp: 5335

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

2500

2000

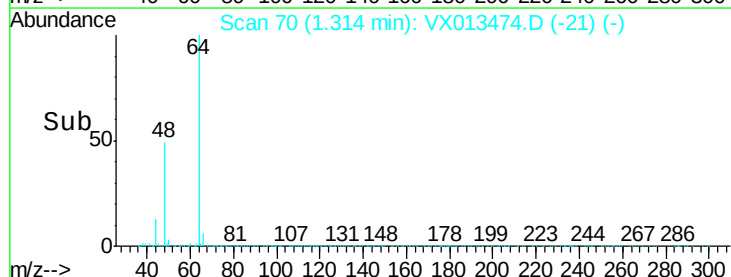
1500

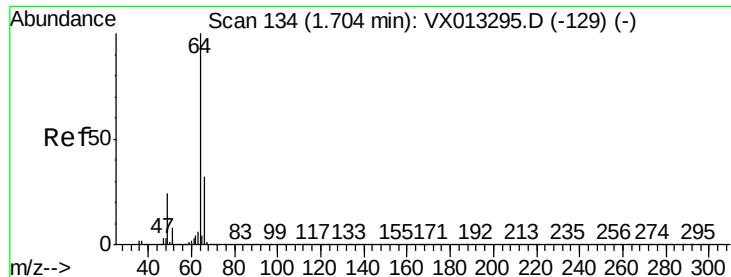
1000

500

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.95 min Scan# 175

Delta R.T. 0.25 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Instrument :

MSVOA_X

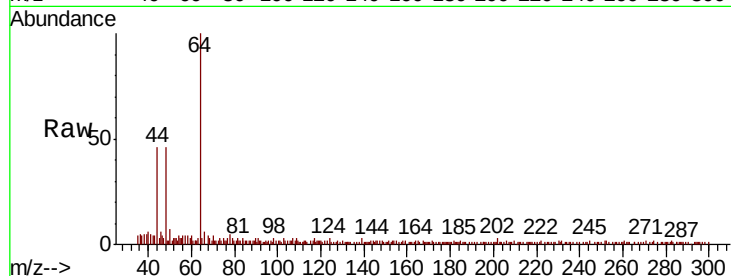
ClientSampleId :

Tot Ion: 64 Resp: 1316

Ion Ratio Lower Upper

64 100

66 0.0 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.95

12000

10000

8000

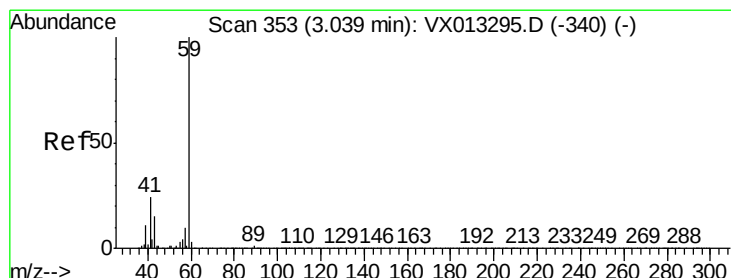
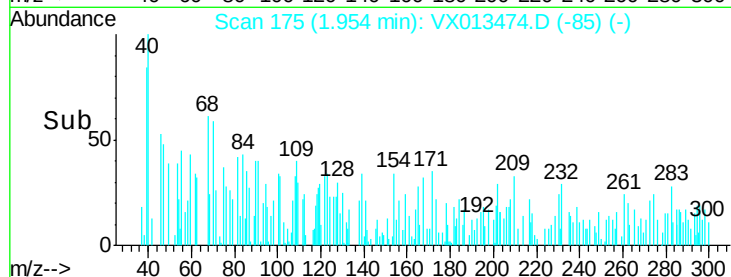
6000

4000

2000

0

Time-->



#11

Tert butyl alcohol

Concen: 62.632 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.03 min

Lab File: VX013474.D

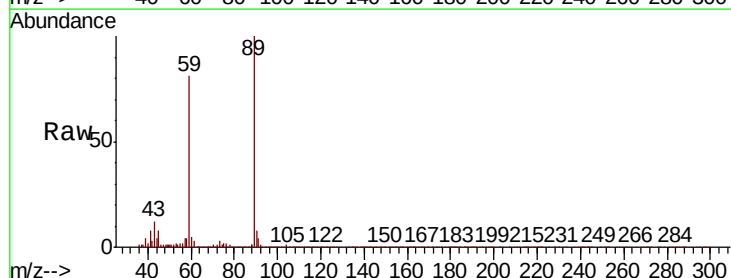
Acq: 20 Nov 2019 14:02

Tgt Ion: 59 Resp: 139434

Ion Ratio Lower Upper

59 100

57 5.1 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

60000

50000

40000

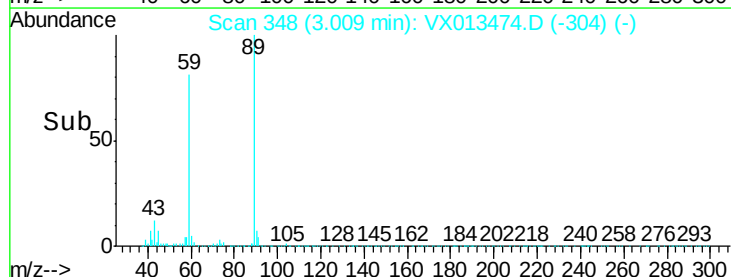
30000

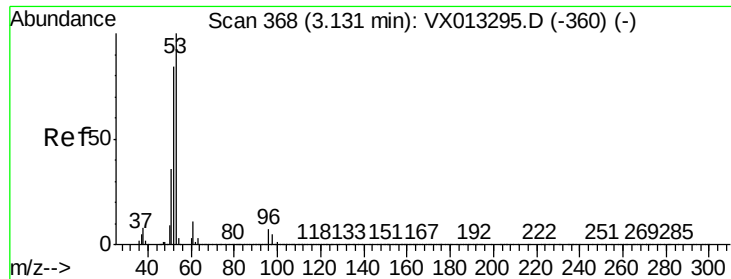
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 0.214 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Instrument :

MSVOA_X

ClientSampled :

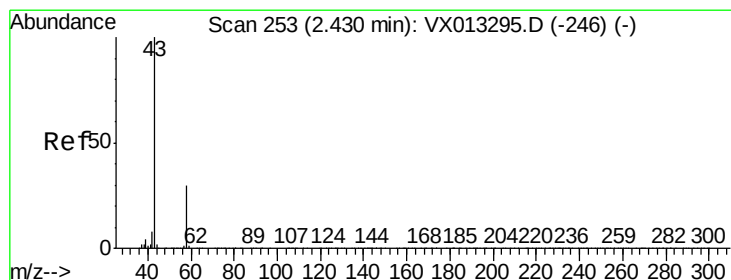
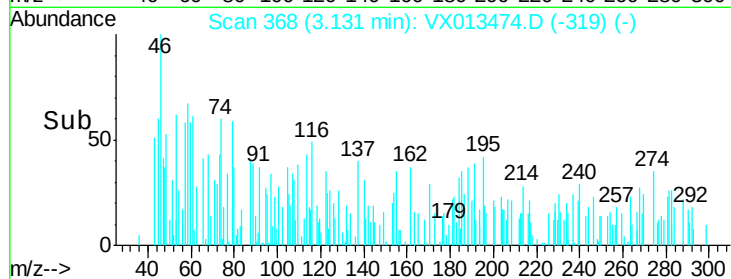
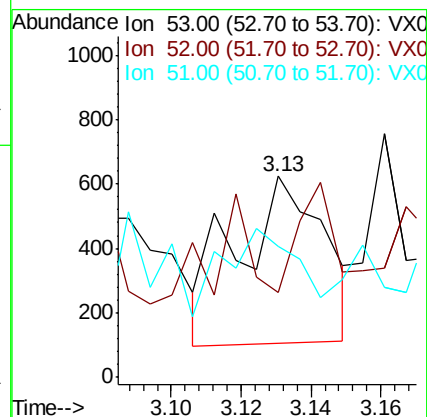
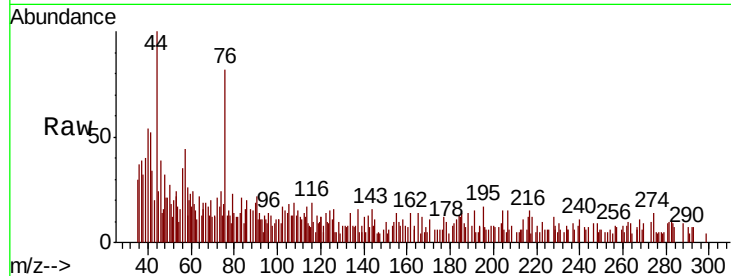
Tot Ion: 53 Resp: 891

Ion Ratio Lower Upper

53 100

52 29.3 67.4 101.0#

51 45.2 29.4 44.2#



#16

Acetone

Concen: 3.549 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX013474.D

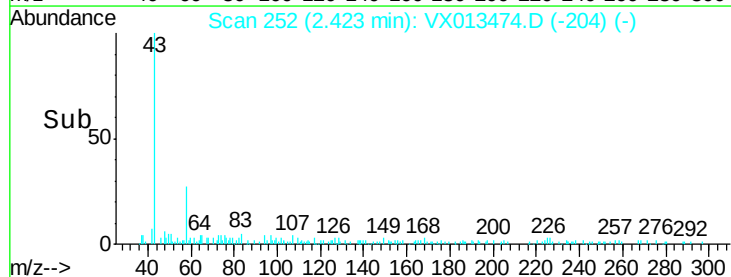
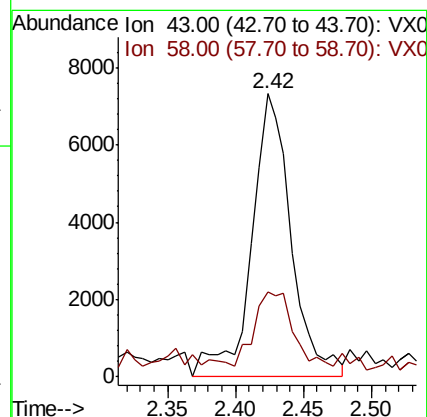
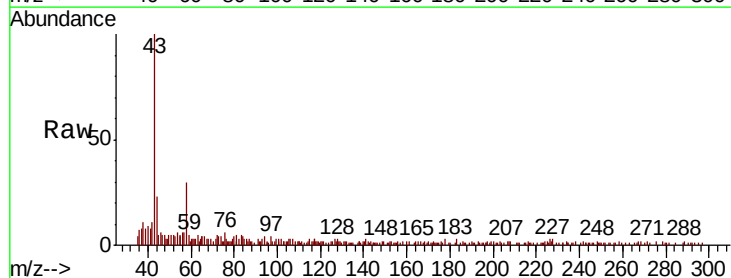
Acq: 20 Nov 2019 14:02

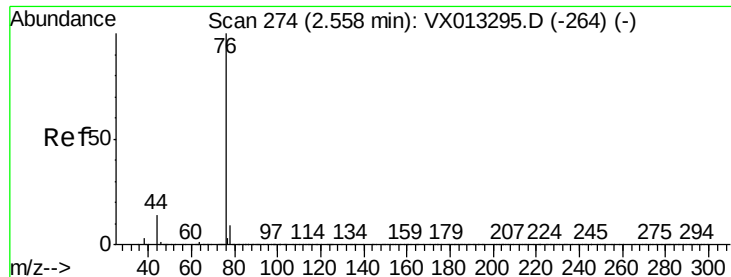
Tgt Ion: 43 Resp: 14950

Ion Ratio Lower Upper

43 100

58 22.3 24.3 36.5#





#17

Carbon Disulfide

Concen: 0.433 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Instrument :

MSVOA_X

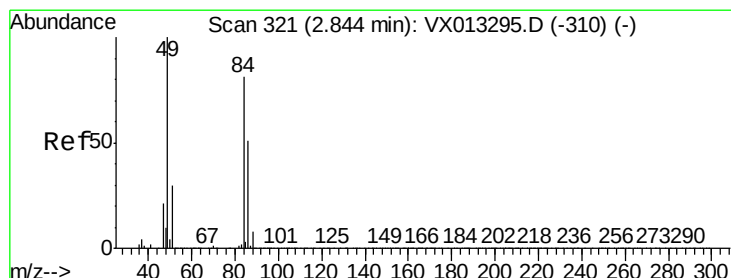
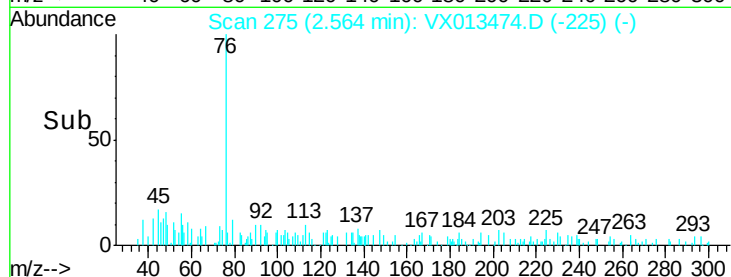
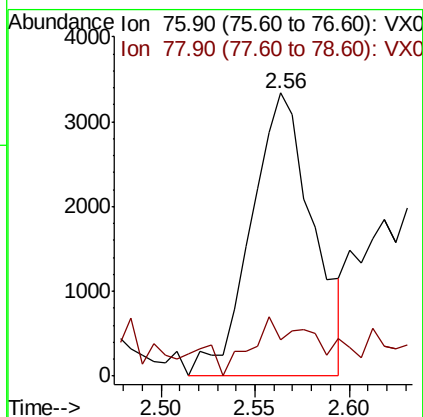
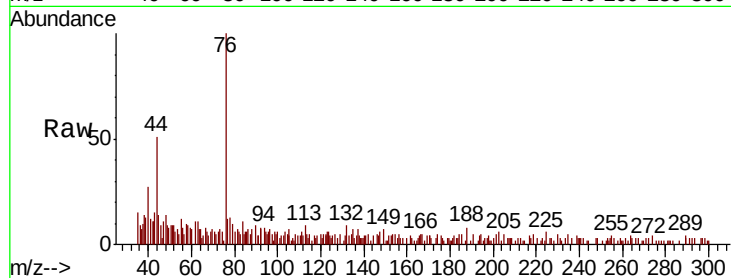
ClientSampleId :

Tot Ion: 76 Resp: 7585

Ion Ratio Lower Upper

76 100

78 5.2 7.0 10.6#



#20

Methylene Chloride

Concen: 0.265 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Tgt Ion: 84 Resp: 2062

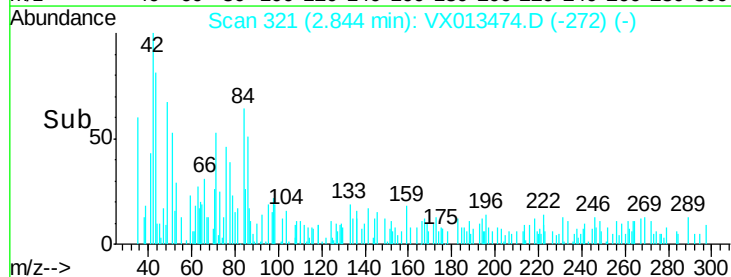
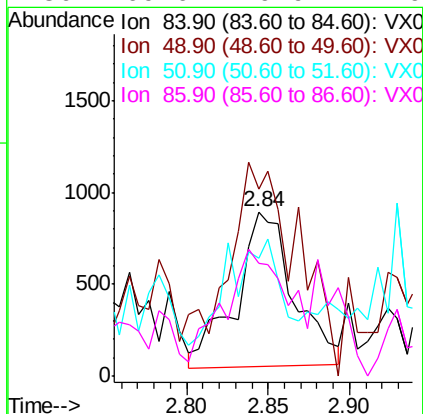
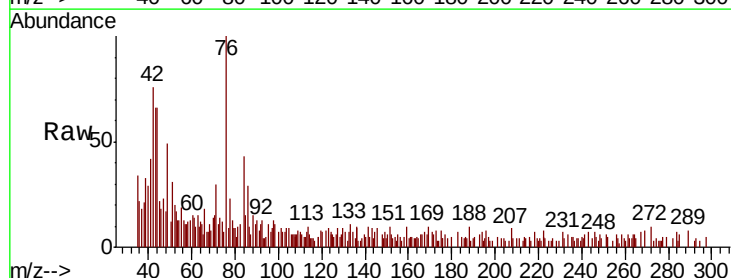
Ion Ratio Lower Upper

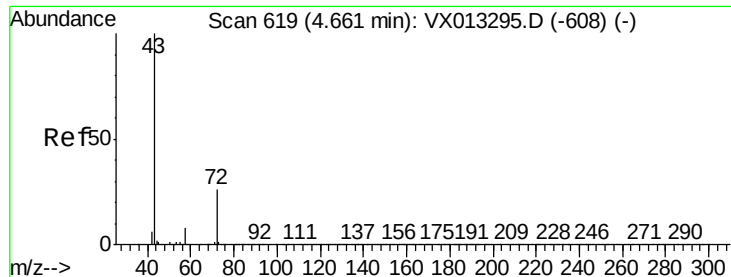
84 100

49 132.6 98.2 147.4

51 35.9 29.9 44.9

86 69.6 49.9 74.9





#25

2-Butanone

Concen: 1.369 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Instrument :

MSVOA_X

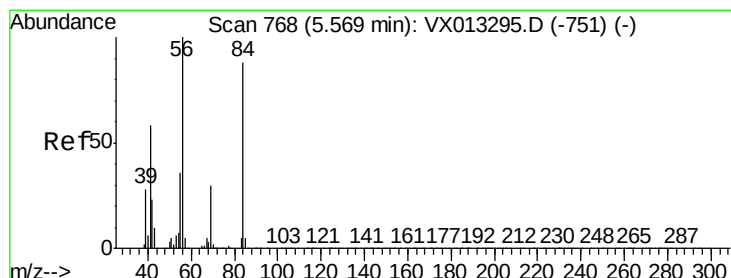
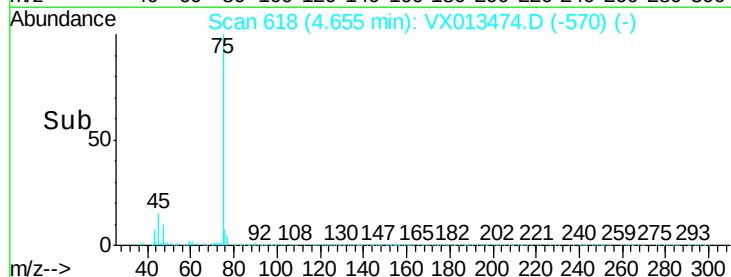
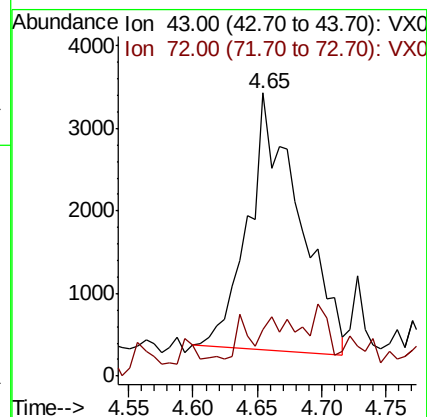
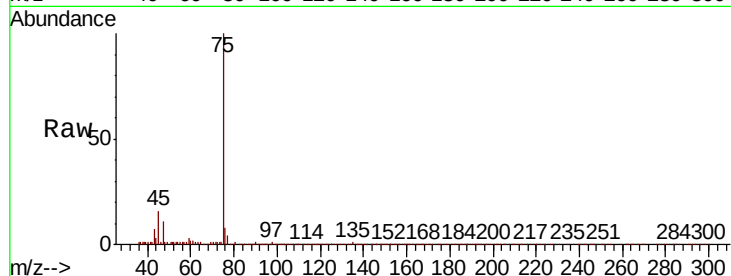
ClientSampleId :

Tot Ion: 43 Resp: 8460

Ion Ratio Lower Upper

43 100

72 8.9 21.0 31.6#



#31

Cyclohexane

Concen: 1.234 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

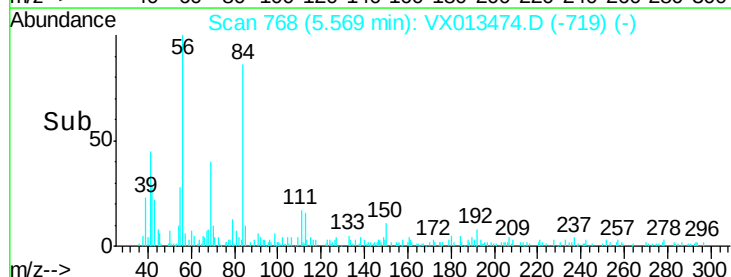
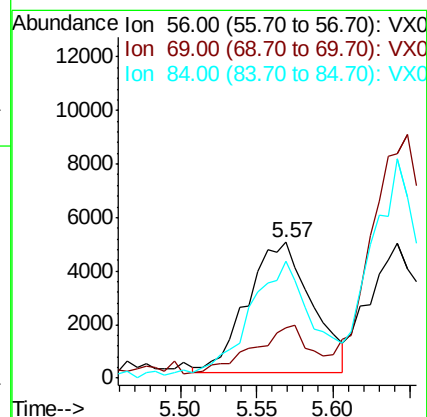
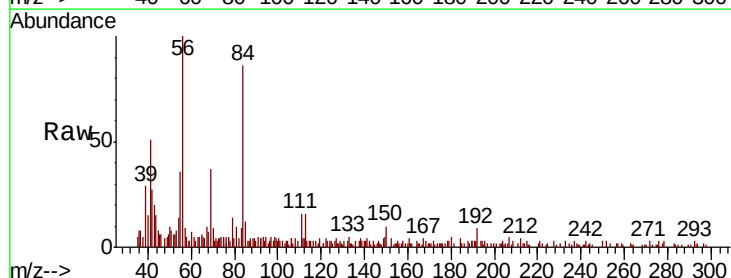
Tgt Ion: 56 Resp: 14247

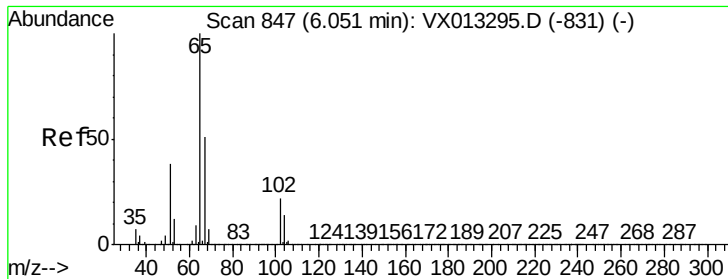
Ion Ratio Lower Upper

56 100

69 36.0 23.7 35.5#

84 88.7 70.6 105.8

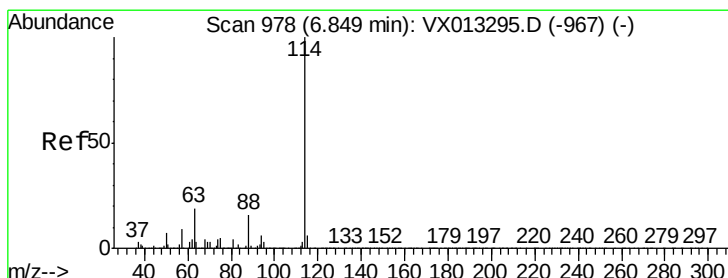
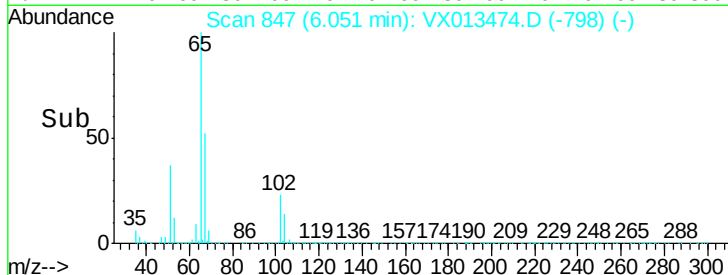
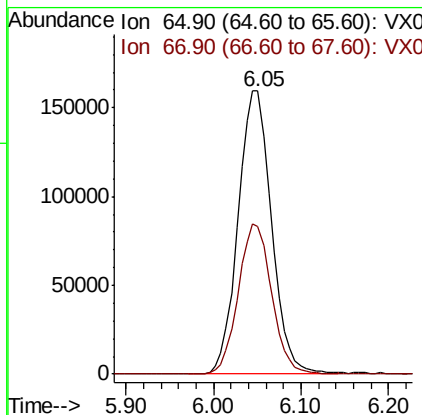
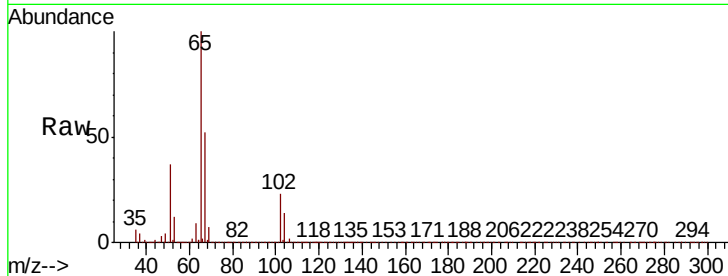




#33
 1,2-Dichloroethane-d4
 Concen: 50.231 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013474.D
 Acq: 20 Nov 2019 14:02

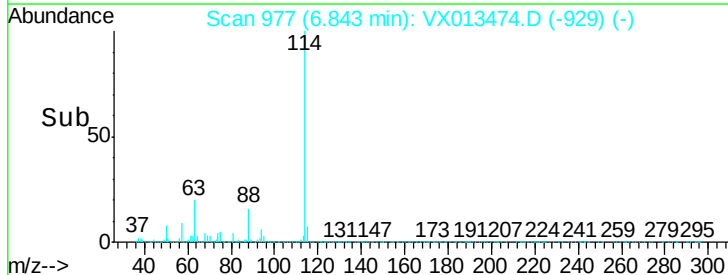
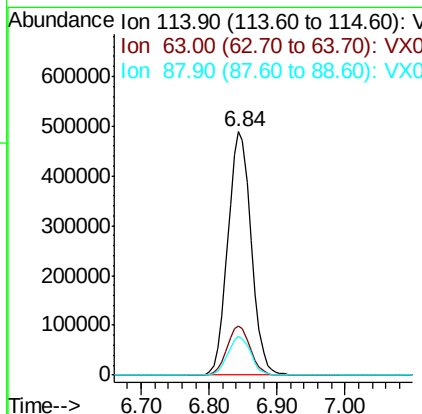
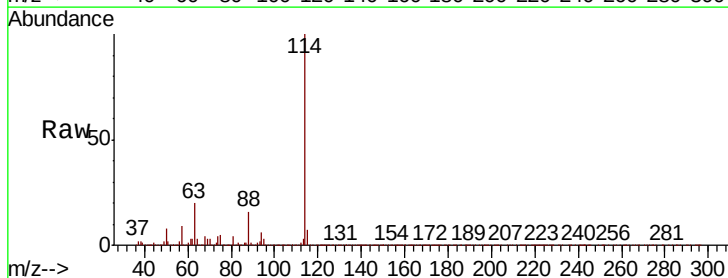
Instrument :
 MSVOA_X
 ClientSampleId :

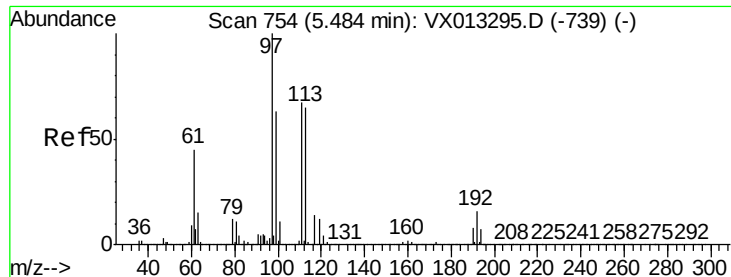
Tot Ion: 65 Resp: 424272
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013474.D
 Acq: 20 Nov 2019 14:02

Tgt Ion: 114 Resp: 1162707
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.4
 88 15.9 0.0 32.2

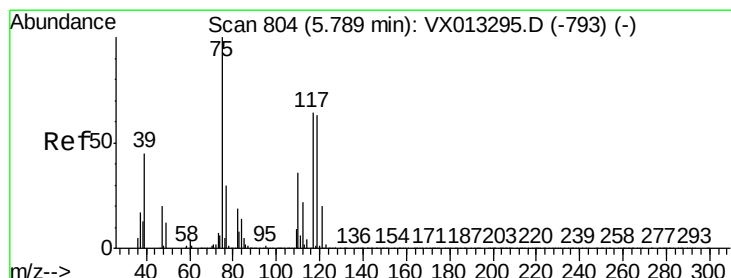
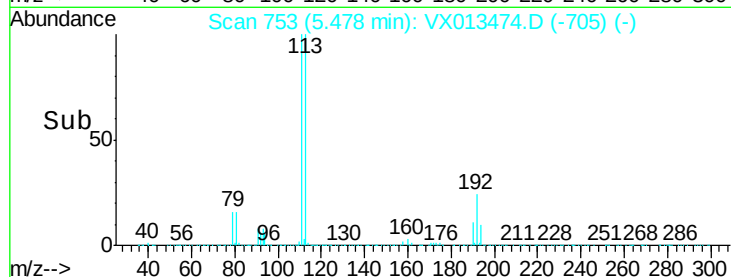
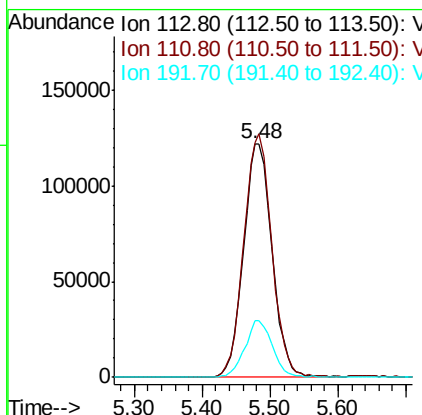
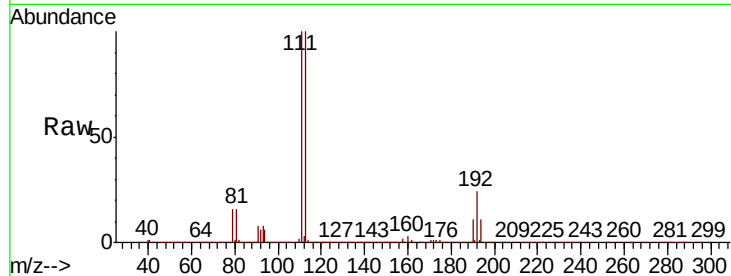




#35
Dibromofluoromethane
Concen: 48.821 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013474.D
Acq: 20 Nov 2019 14:02

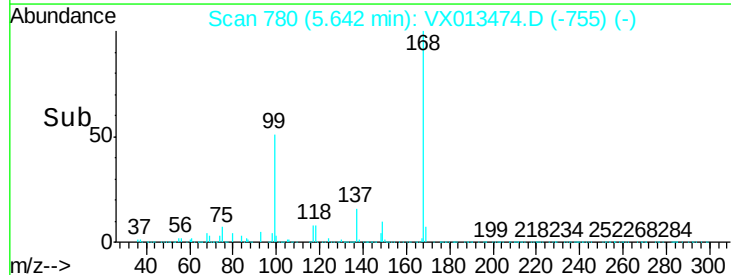
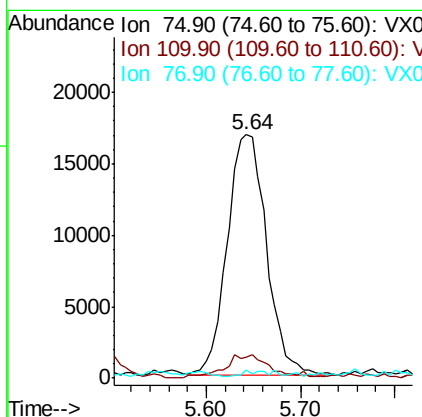
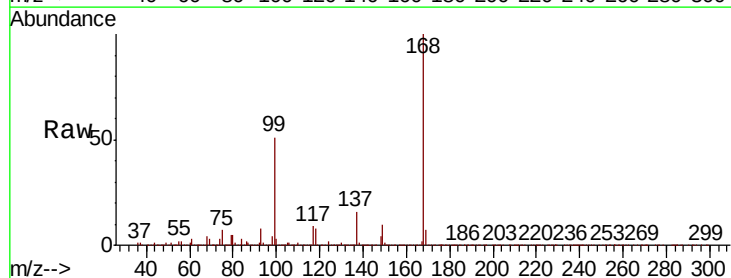
Instrument :
MSVOA_X
ClientSampleId :

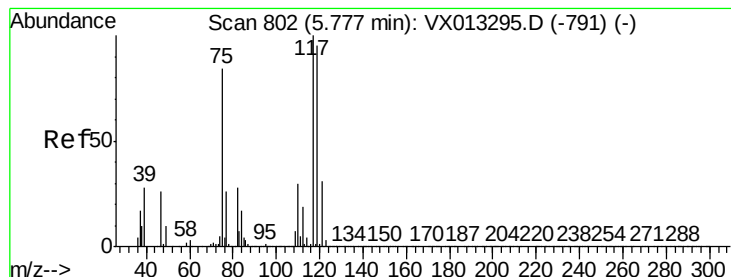
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	23.6	19.1	28.7



#36
1,1-Dichloropropene
Concen: 4.887 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.15 min
Lab File: VX013474.D
Acq: 20 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.9	18.1	54.1#
77	0.0	25.0	37.4#





#38

Carbon Tetrachloride

Concen: 6.648 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.14 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

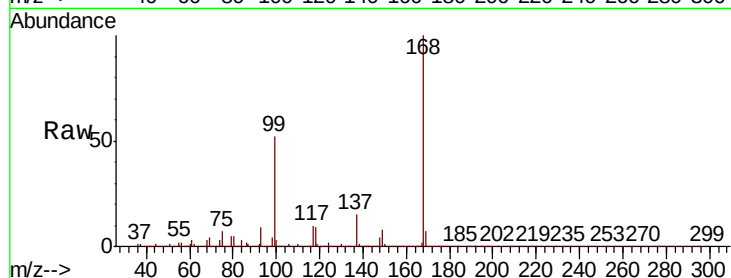
Tot Ion:117 Resp: 64844

Ion Ratio Lower Upper

117 100

119 4.6 76.1 114.1#

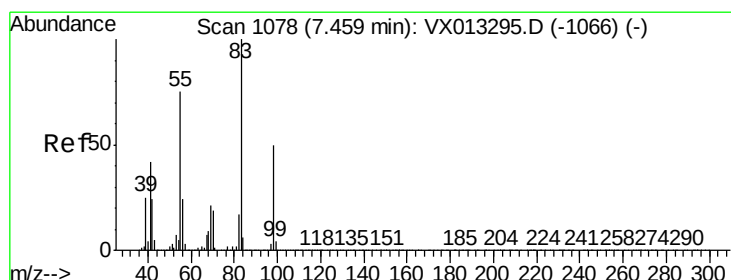
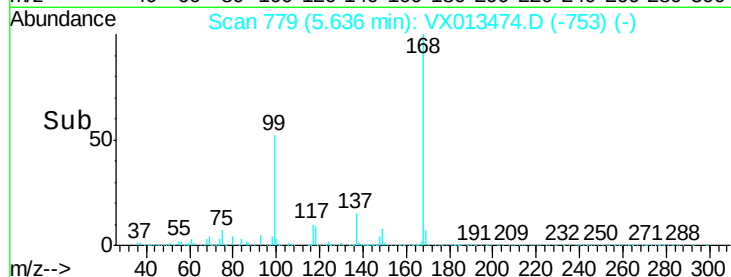
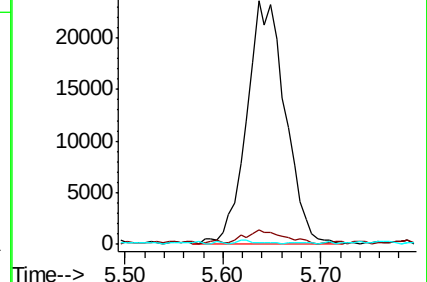
121 0.0 24.6 37.0#



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: 2.810 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

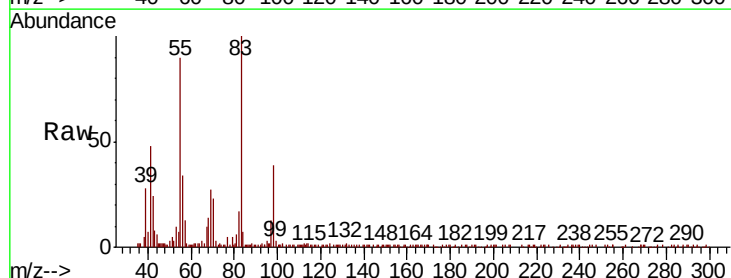
Tgt Ion: 83 Resp: 34923

Ion Ratio Lower Upper

83 100

55 89.8 60.3 90.5

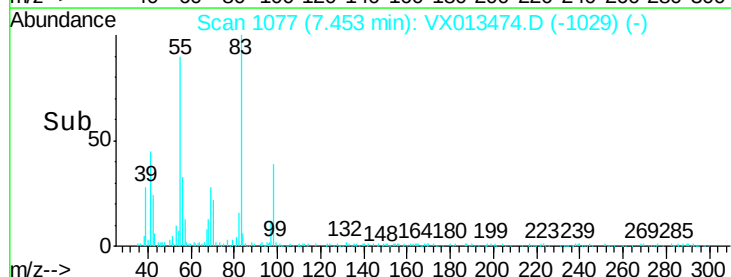
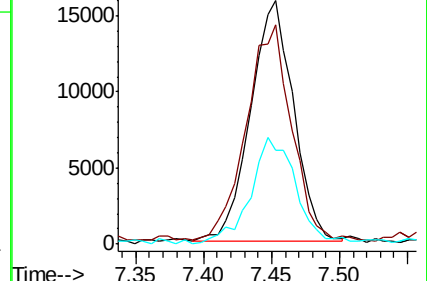
98 39.3 40.3 60.5#

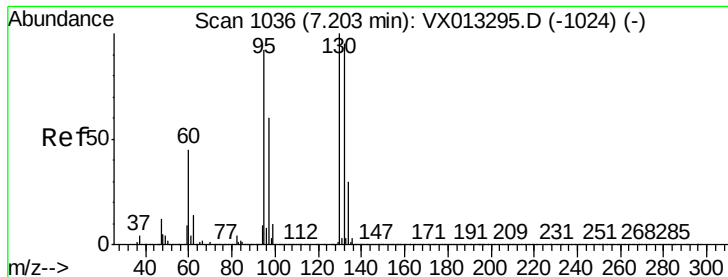


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#44

Trichloroethene

Concen: 0.203 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

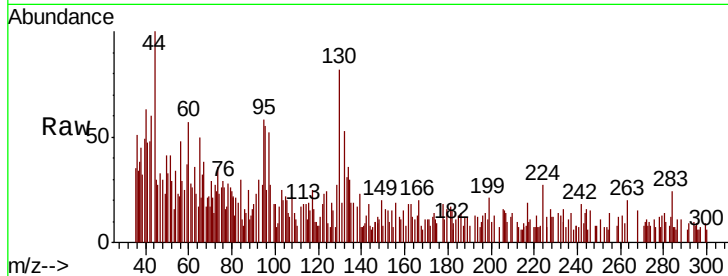
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:130 Resp: 1740

Ion Ratio Lower Upper

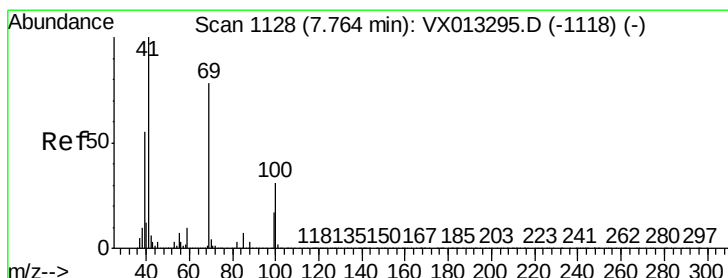
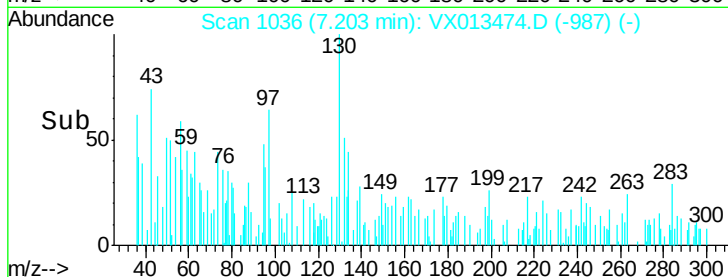
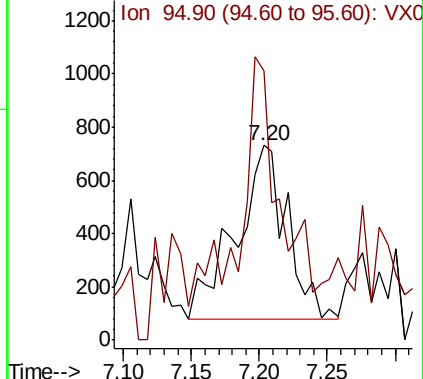
130 100

95 107.8 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#48

Methyl methacrylate

Concen: 0.236 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.04 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

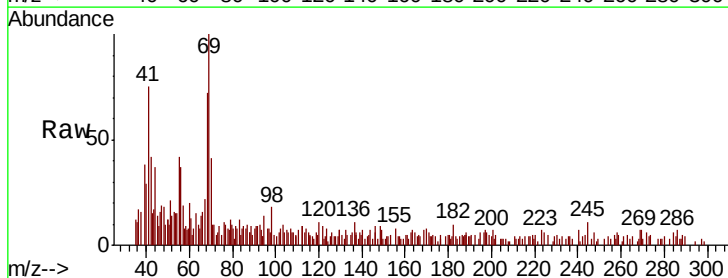
Tgt Ion: 41 Resp: 2259

Ion Ratio Lower Upper

41 100

69 214.9 63.0 94.6#

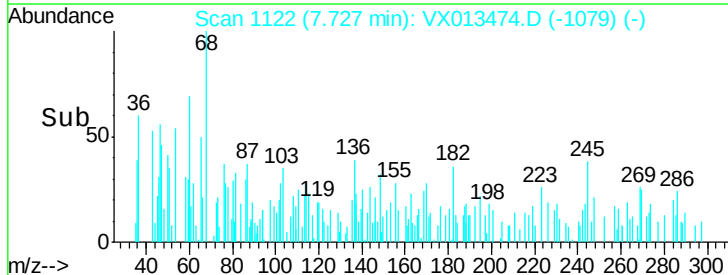
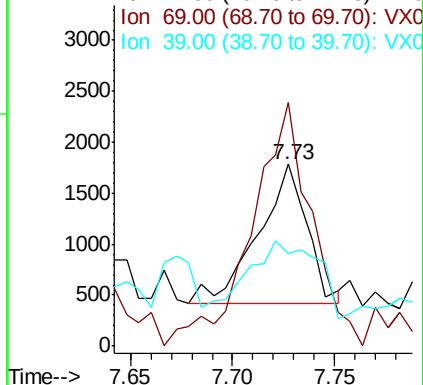
39 71.2 45.9 68.9#

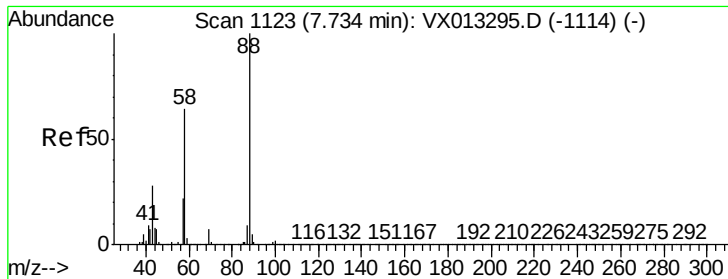


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 2.671 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.02 min

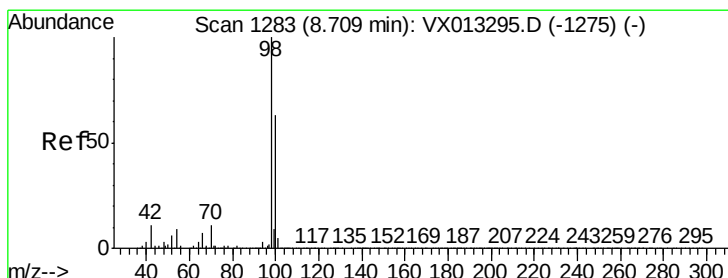
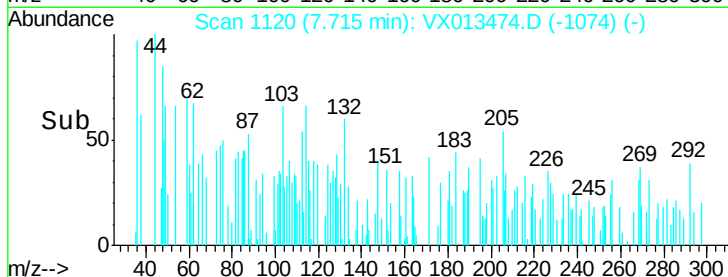
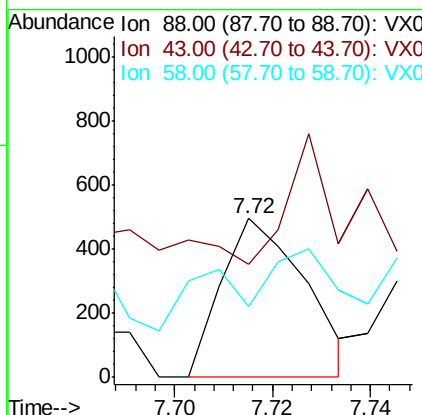
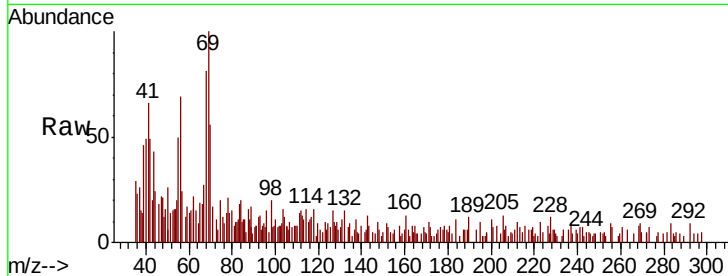
Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 586

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.6	39.8#
58	26.5	55.0	82.6#



#50

Toluene-d8

Concen: 51.560 ug/l

RT: 8.71 min Scan# 1283

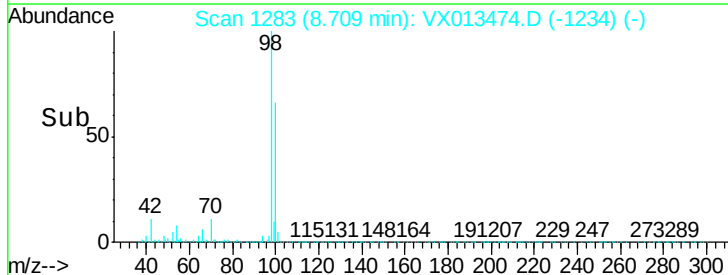
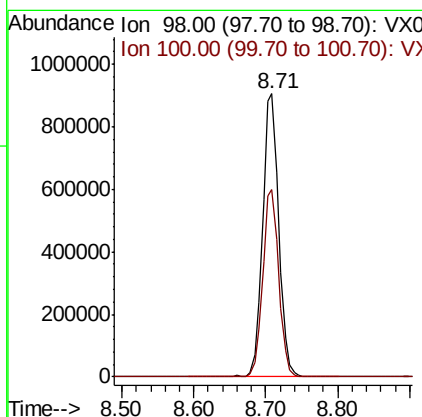
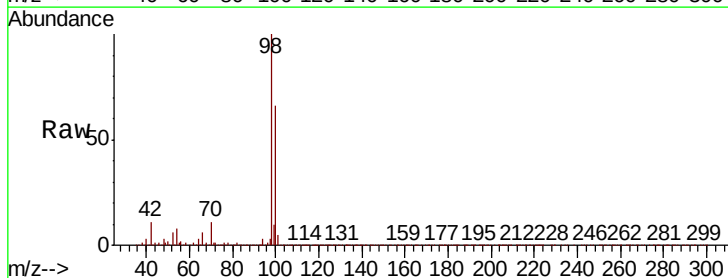
Delta R.T. -0.00 min

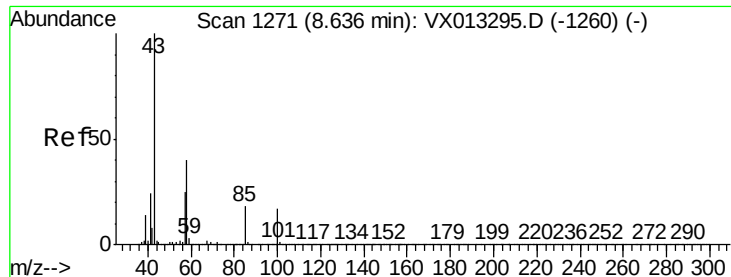
Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Tgt Ion: 98 Resp: 1417527

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2

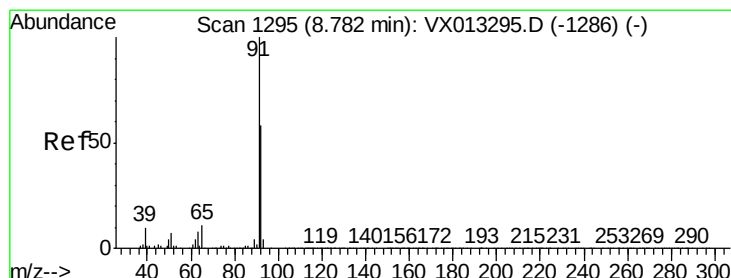
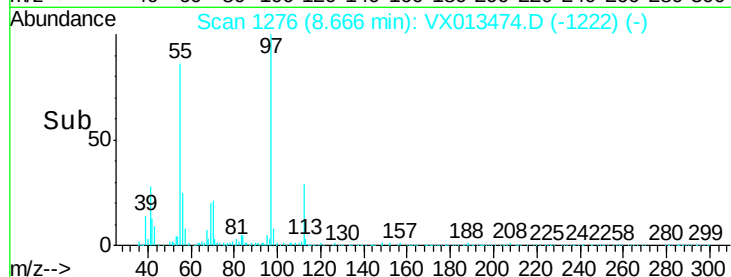
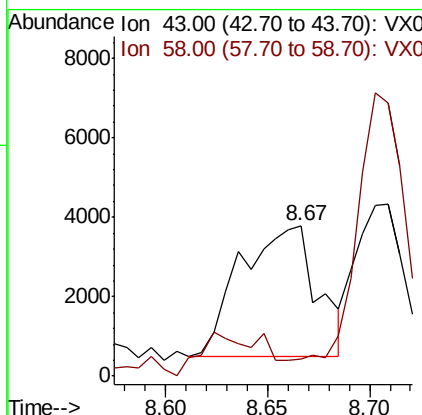
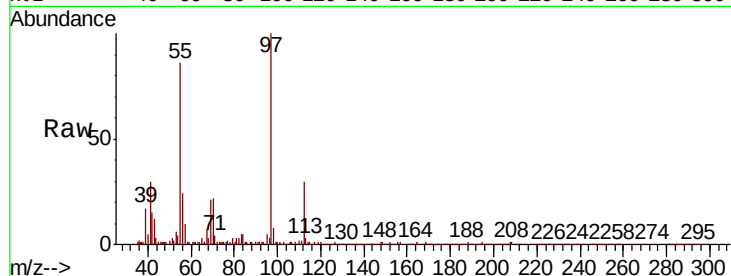




#51
4-Methyl-2-Pentanone
Concen: 0.685 ug/l
RT: 8.67 min Scan# 1276
Delta R.T. 0.03 min
Lab File: VX013474.D
Acq: 20 Nov 2019 14:02

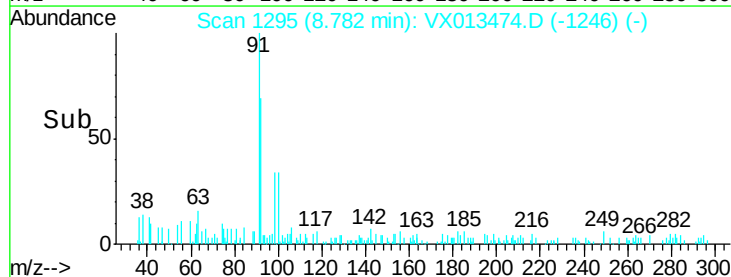
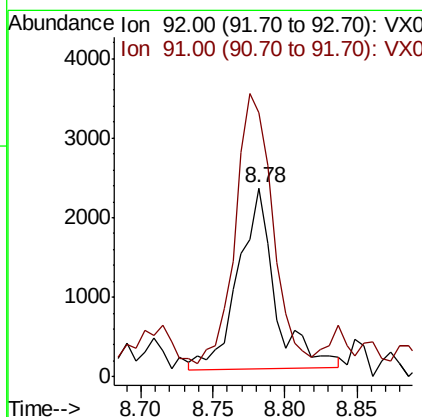
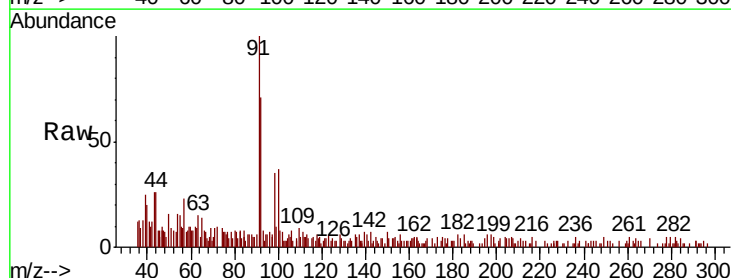
Instrument :
MSVOA_X
ClientSampleId :

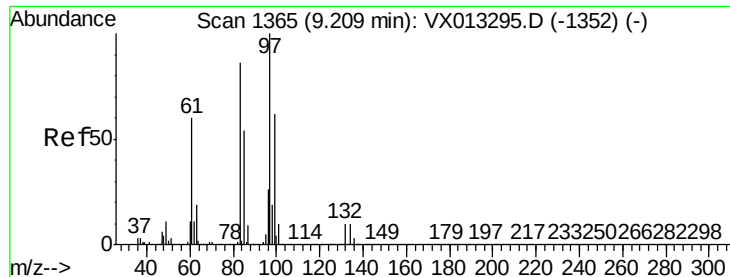
Tot Ion: 43 Resp: 8622
Ion Ratio Lower Upper
43 100
58 0.0 31.4 47.0#



#52
Toluene
Concen: 0.213 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013474.D
Acq: 20 Nov 2019 14:02

Tgt Ion: 92 Resp: 4098
Ion Ratio Lower Upper
92 100
91 146.2 138.0 207.0





#55

1,1,2-Trichloroethane

Concen: 6.715 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX013474.D

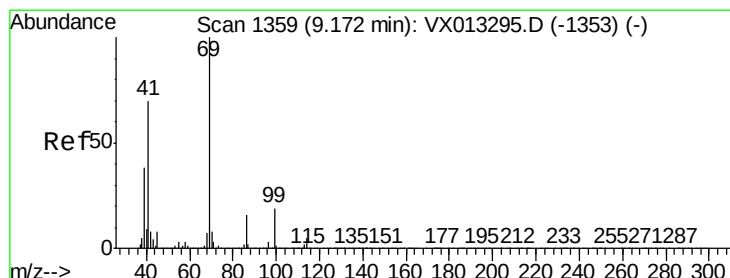
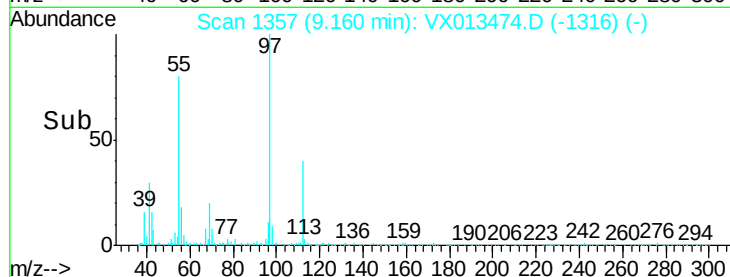
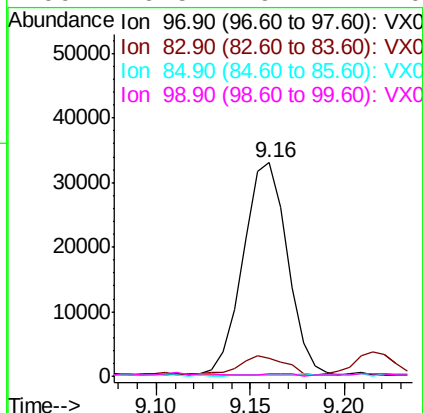
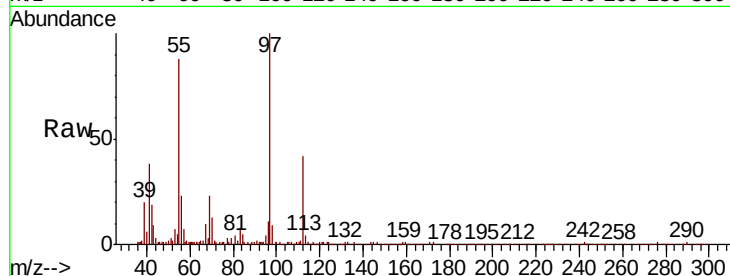
Acq: 20 Nov 2019 14:02

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	97	Resp:	53597
Ion	Ratio	Lower	Upper
97	100		
83	7.2	68.6	103.0#
85	0.5	43.1	64.7#
99	0.5	49.4	74.0#



#56

Ethyl methacrylate

Concen: 2.441 ug/l

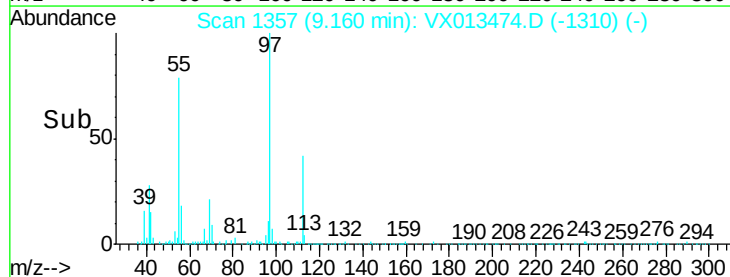
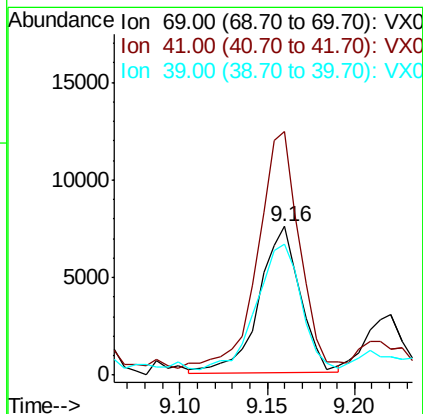
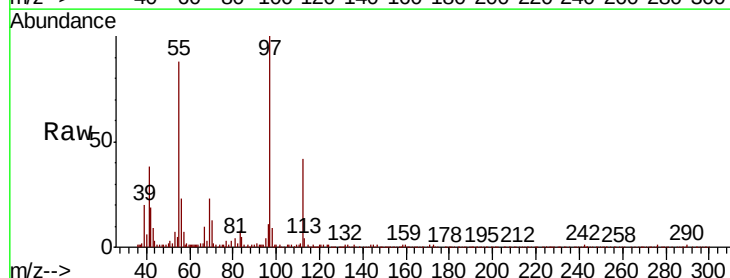
RT: 9.16 min Scan# 1357

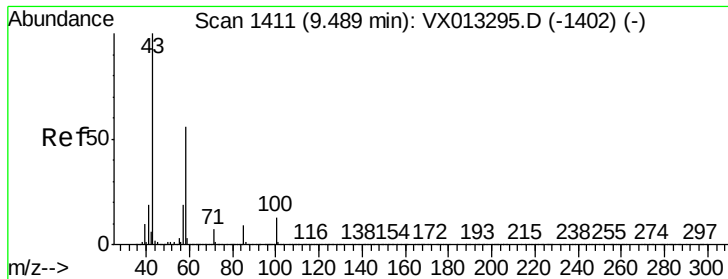
Delta R.T. -0.01 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Tgt Ion:	69	Resp:	12346
Ion	Ratio	Lower	Upper
69	100		
41	161.9	56.2	84.2#
39	92.2	31.1	46.7#

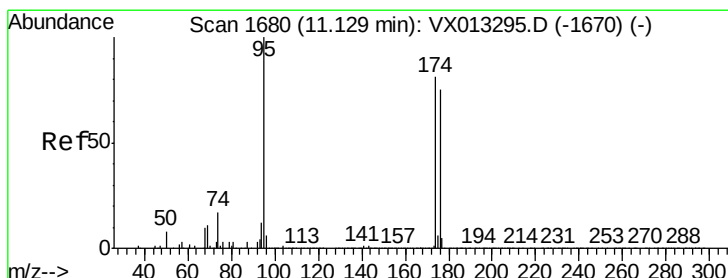
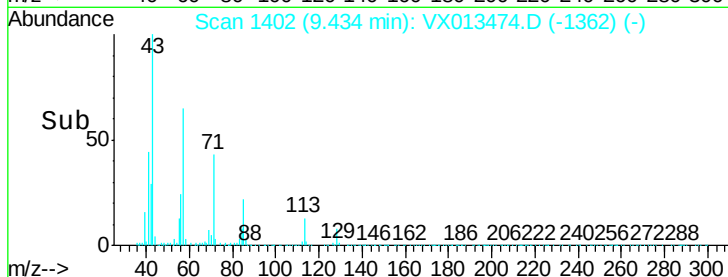
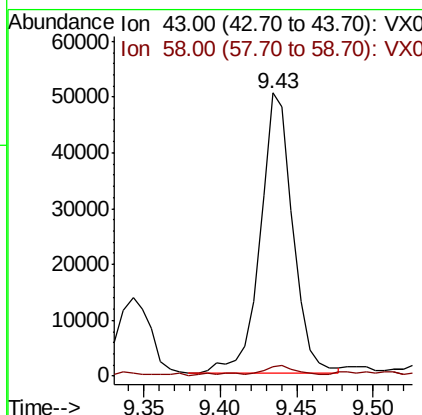
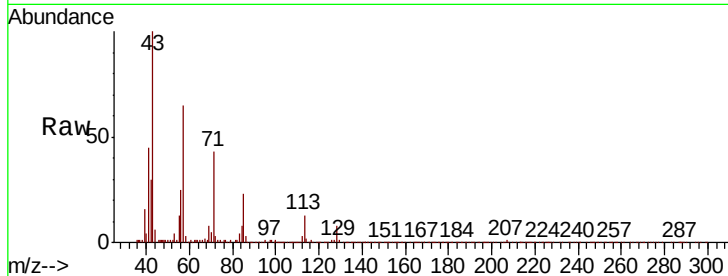




#59
2-Hexanone
Concen: 7.703 ug/l
RT: 9.43 min Scan# 1402
Delta R.T. -0.05 min
Lab File: VX013474.D
Acq: 20 Nov 2019 14:02

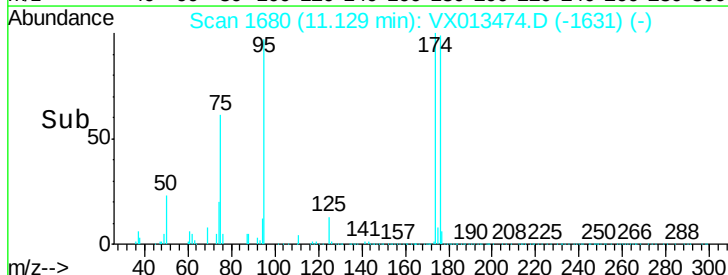
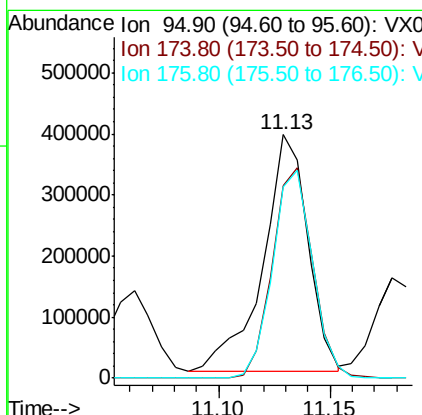
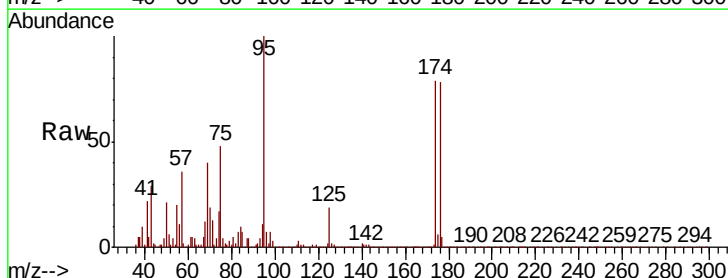
Instrument :
MSVOA_X
ClientSampled :

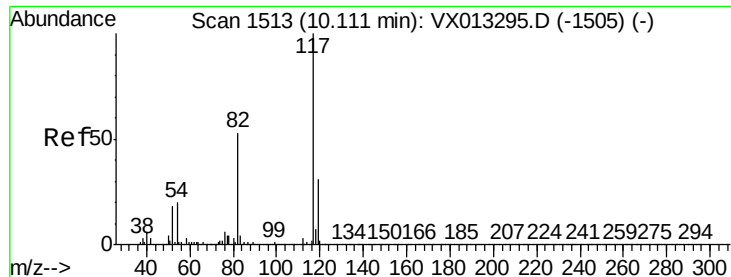
Tot Ion: 43 Resp: 74954
Ion Ratio Lower Upper
43 100
58 3.4 27.3 81.8#



#62
4-Bromofluorobenzene
Concen: 54.862 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013474.D
Acq: 20 Nov 2019 14:02

Tgt Ion: 95 Resp: 544349
Ion Ratio Lower Upper
95 100
174 79.3 0.0 179.8
176 78.2 0.0 173.0

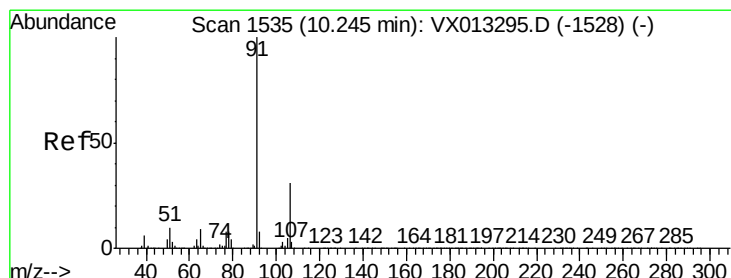
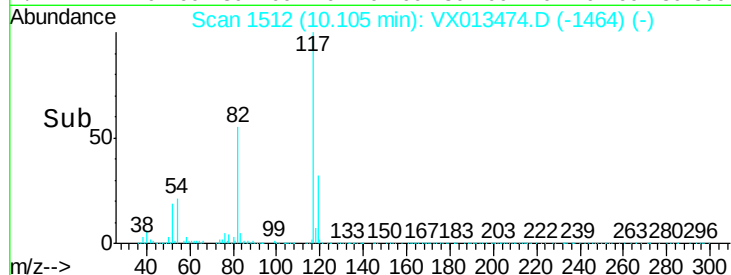
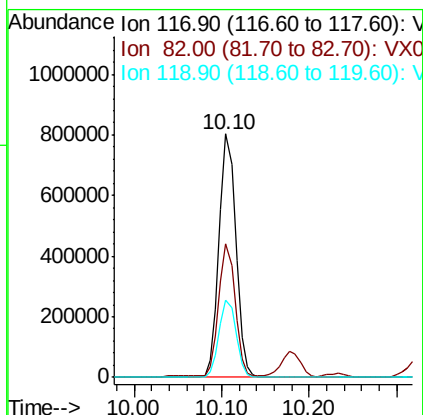
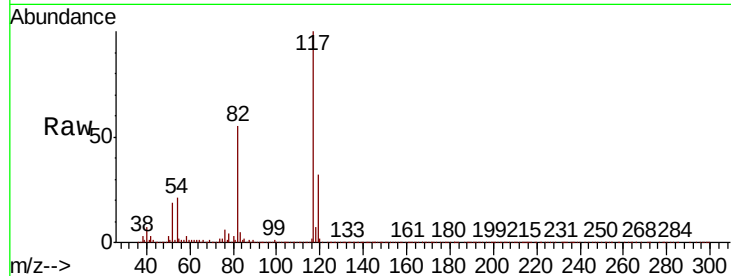




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013474.D
Acq: 20 Nov 2019 14:02

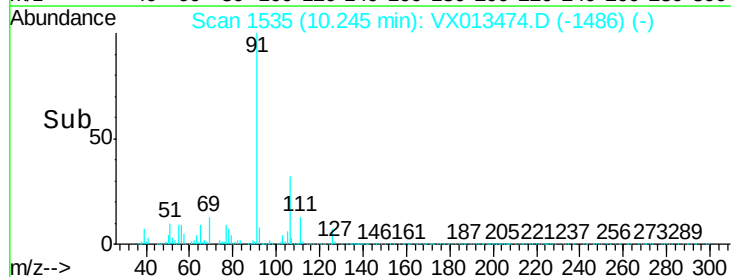
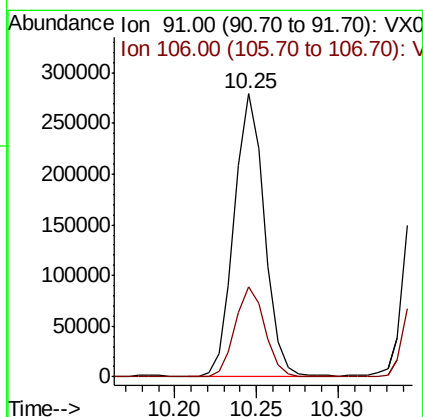
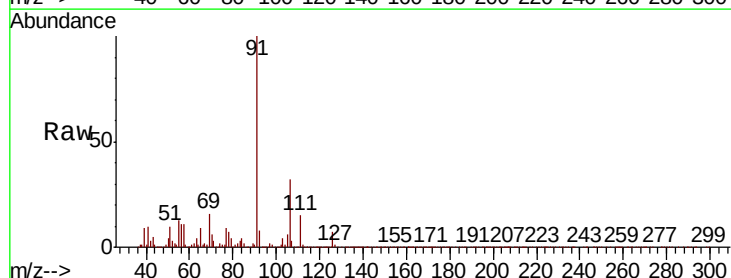
Instrument :
MSVOA_X
ClientSampled :

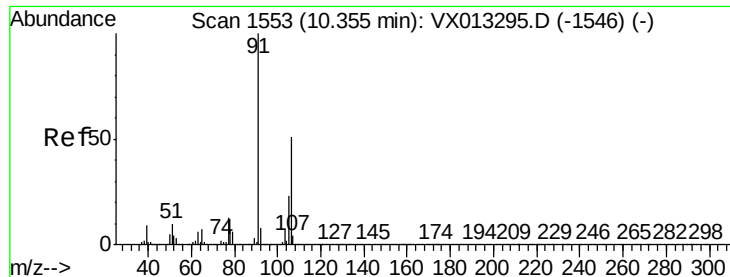
Tot Ion:117 Resp: 1069490
Ion Ratio Lower Upper
117 100
82 54.2 42.6 64.0
119 31.8 24.8 37.2



#67
Ethyl Benzene
Concen: 9.617 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013474.D
Acq: 20 Nov 2019 14:02

Tgt Ion: 91 Resp: 359393
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8





#68

m/p-Xylenes

Concen: 21.611 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Instrument :

MSVOA_X

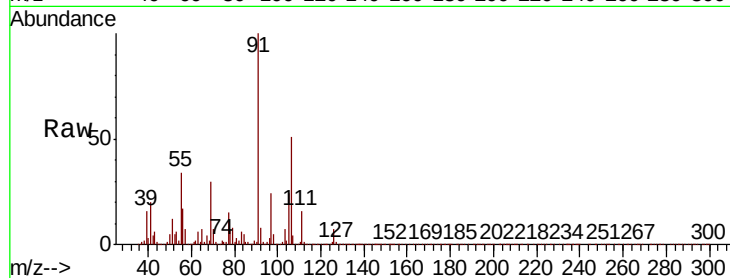
ClientSampleId :

Tot Ion:106 Resp: 305427

Ion Ratio Lower Upper

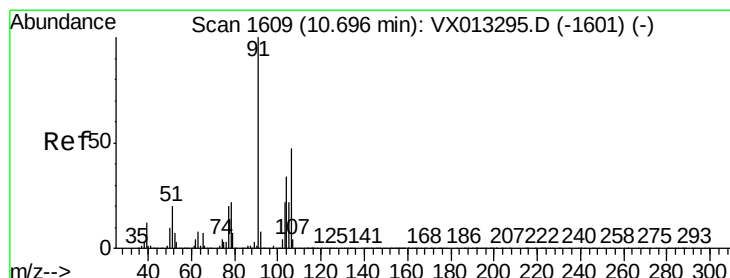
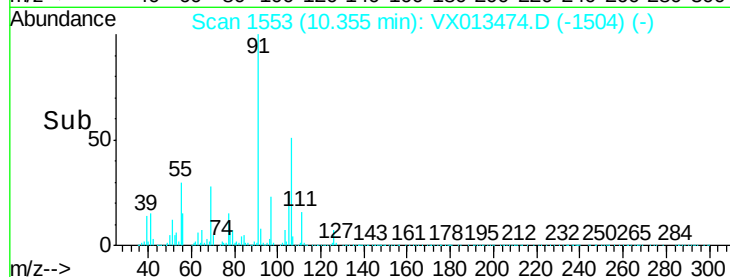
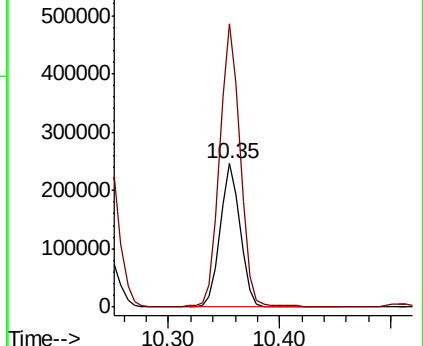
106 100

91 202.8 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 1.369 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013474.D

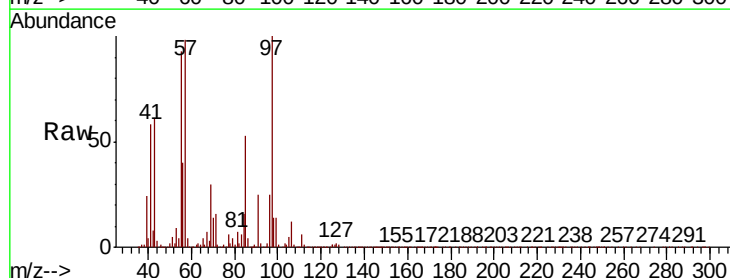
Acq: 20 Nov 2019 14:02

Tgt Ion:106 Resp: 18947

Ion Ratio Lower Upper

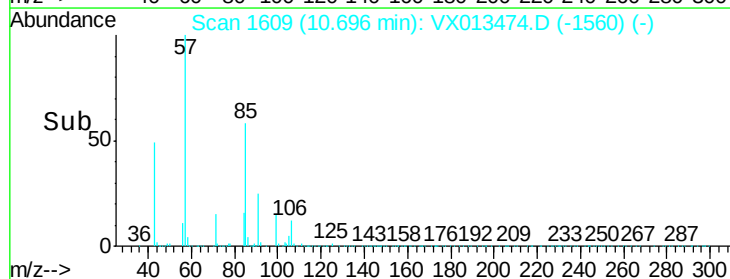
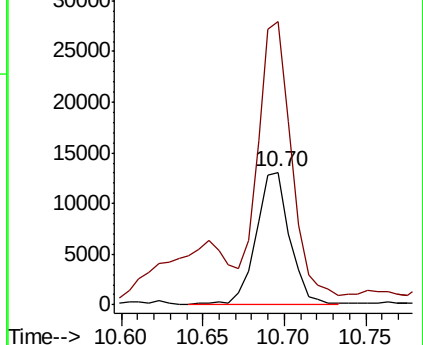
106 100

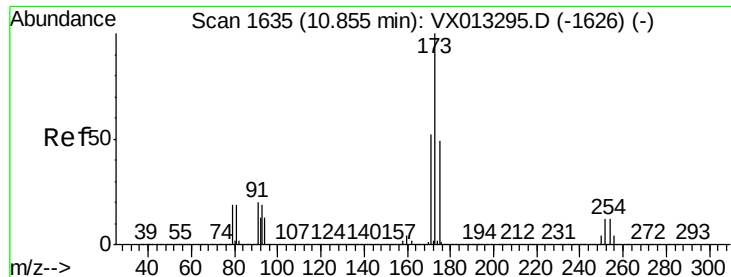
91 196.9 105.7 317.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#71

Bromoform

Concen: 3.282 ug/l

RT: 10.86 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

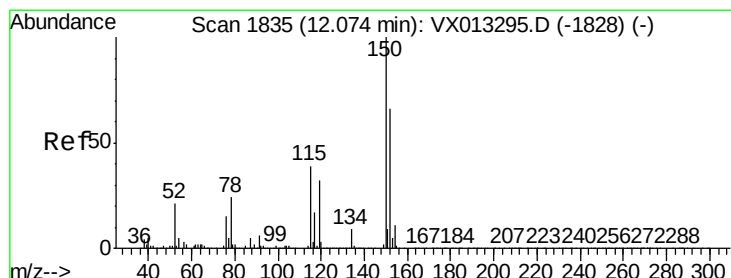
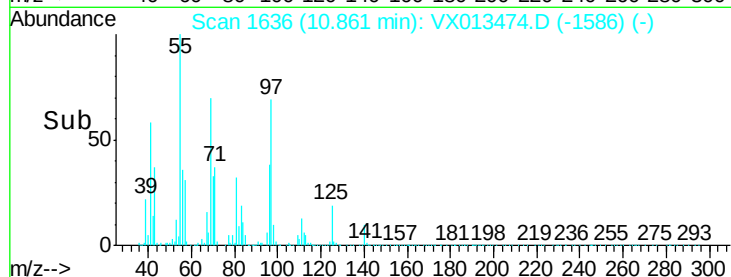
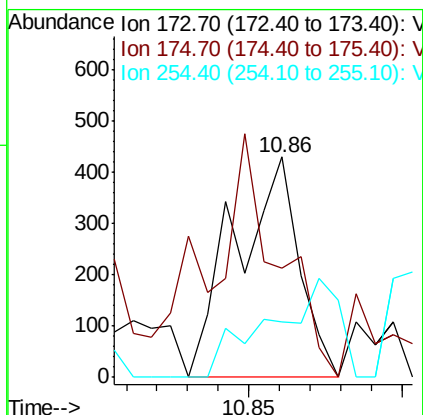
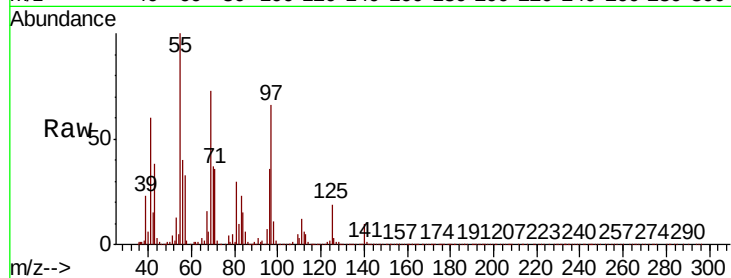
Tot Ion:173 Resp: 623

Ion Ratio Lower Upper

173 100

175 0.0 24.8 74.4#

254 49.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

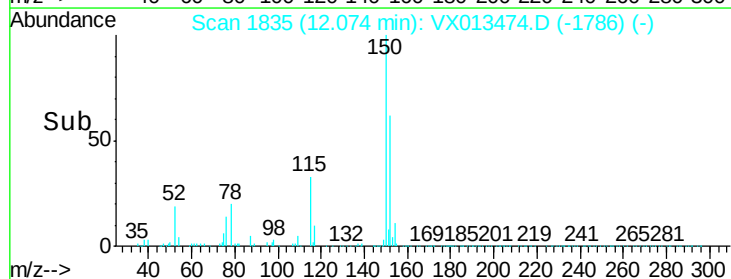
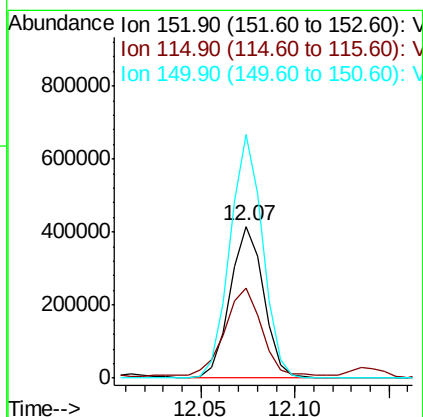
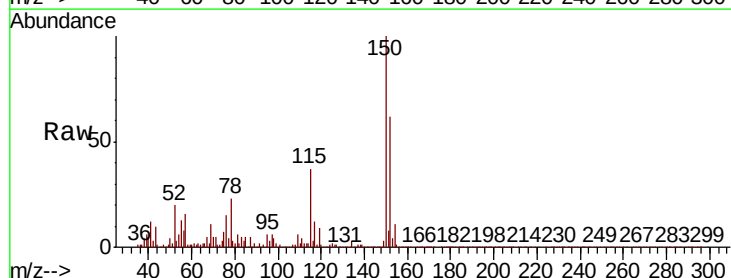
Tgt Ion:152 Resp: 514241

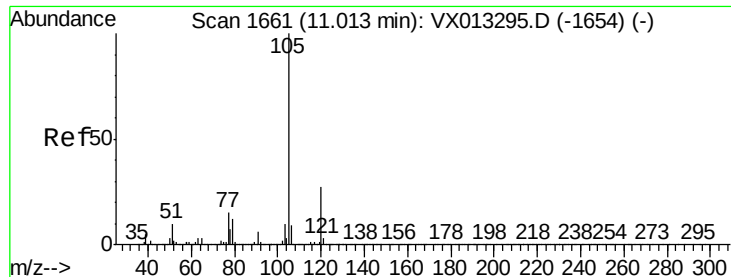
Ion Ratio Lower Upper

152 100

115 70.0 39.5 118.3

150 155.7 0.0 344.4





#73

Isopropylbenzene

Concen: 278.528 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Instrument :

MSVOA_X

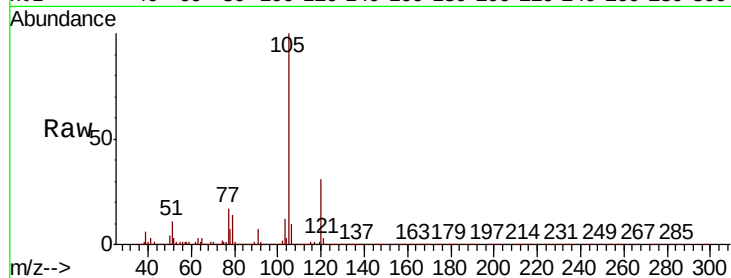
ClientSampleId :

Tot Ion:105 Resp: 9496404

Ion Ratio Lower Upper

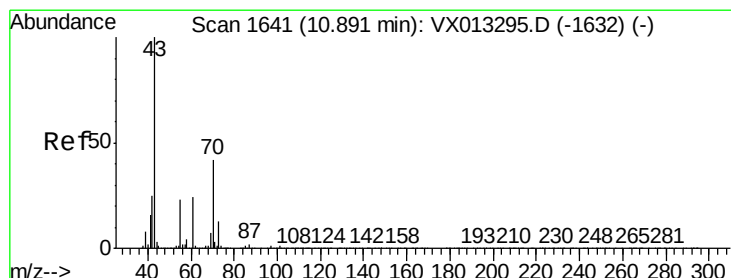
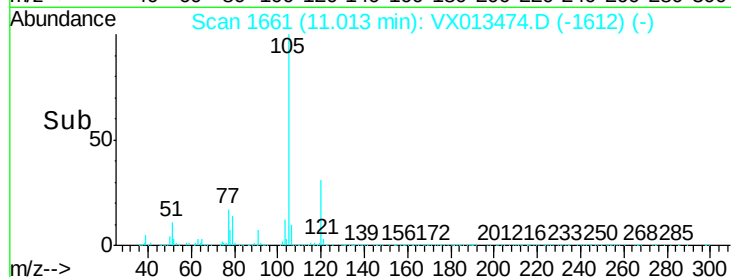
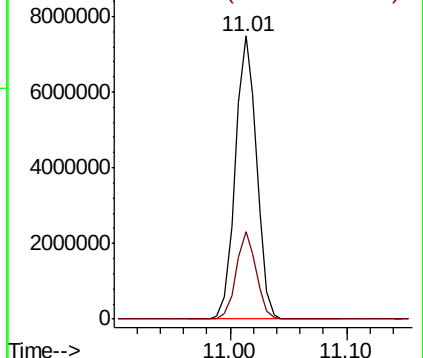
105 100

120 29.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 33.095 ug/l

RT: 10.90 min Scan# 1643

Delta R.T. 0.01 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Tgt Ion: 43 Resp: 523248

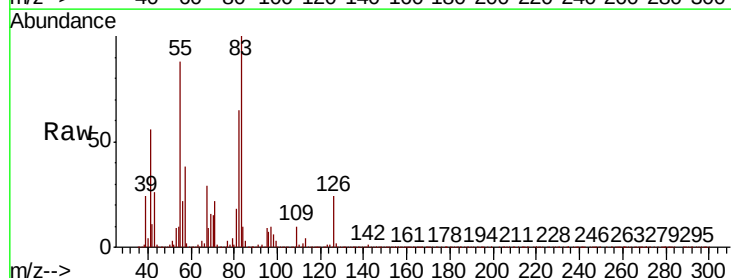
Ion Ratio Lower Upper

43 100

70 72.9 34.1 51.1#

55 297.1 18.9 28.3#

61 0.2 19.2 28.8#

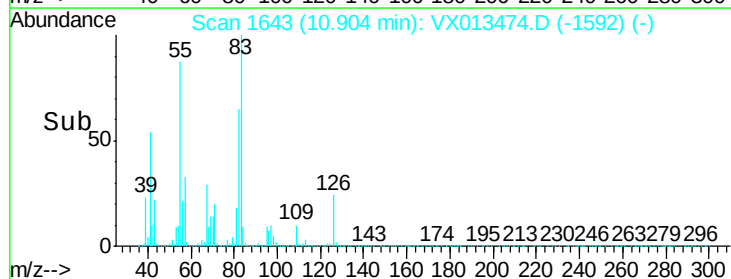
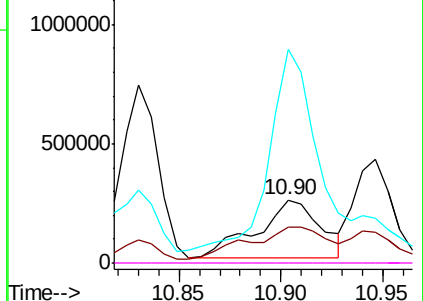


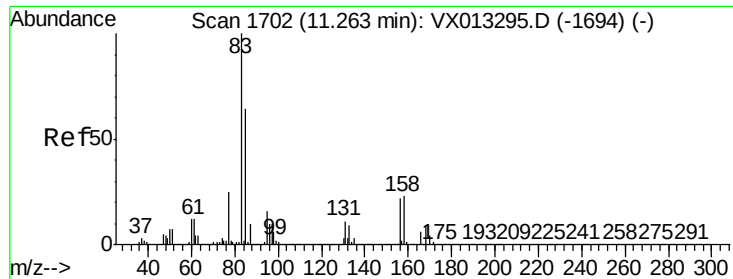
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 25.397 ug/l

RT: 11.27 min Scan# 1703

Delta R.T. 0.01 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Instrument :

MSVOA_X

ClientSampled :

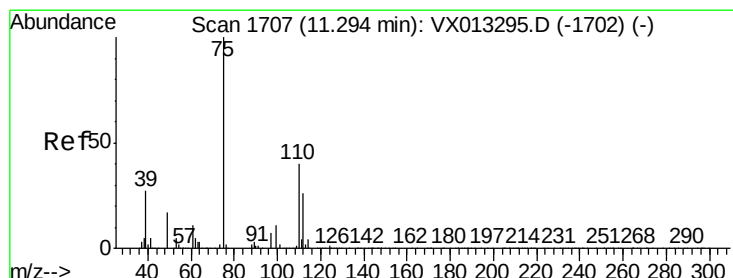
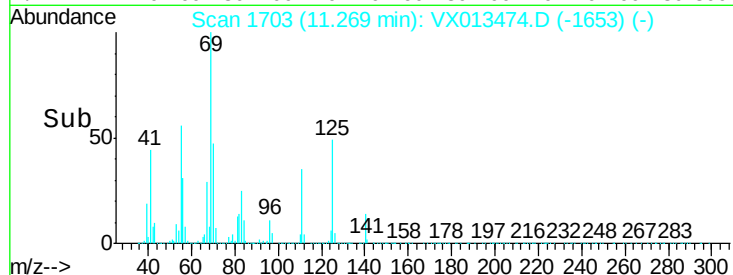
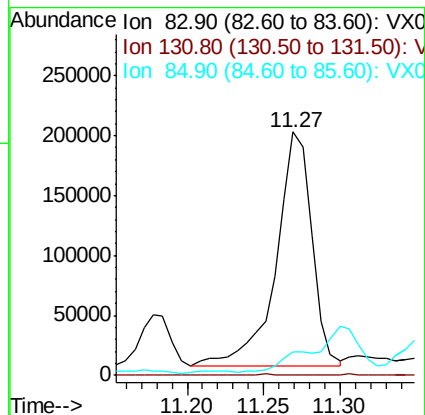
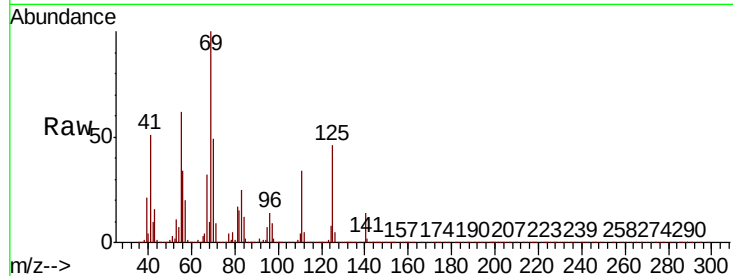
Tot Ion: 83 Resp: 315893

Ion Ratio Lower Upper

83 100

131 0.4 5.1 15.3#

85 0.0 32.3 96.8#



#76

1,2,3-Trichloropropane

Concen: 11.584 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.06 min

Lab File: VX013474.D

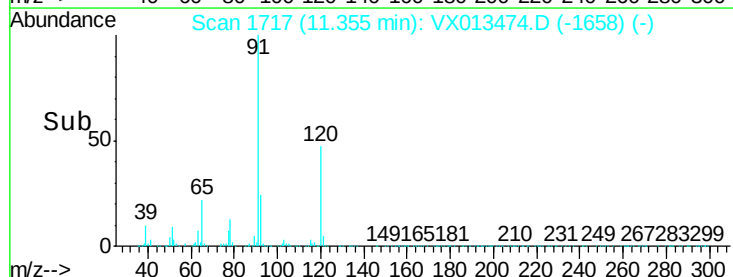
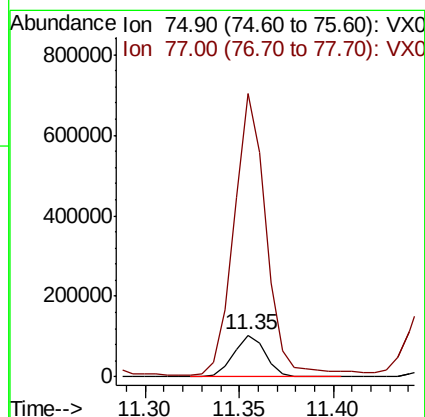
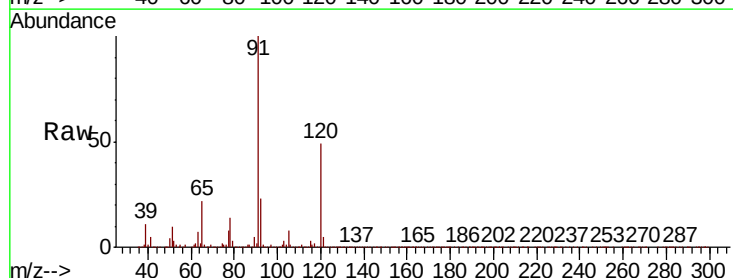
Acq: 20 Nov 2019 14:02

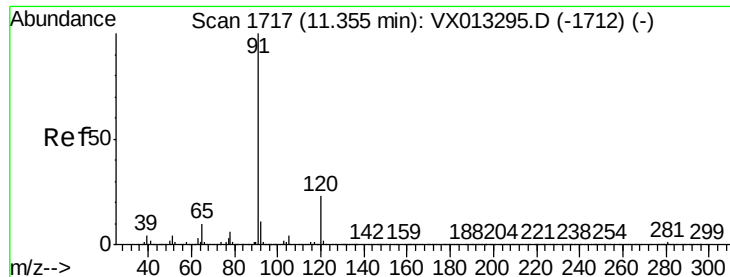
Tgt Ion: 75 Resp: 120998

Ion Ratio Lower Upper

75 100

77 689.9 22.3 66.8#





#78

n-propylbenzene

Concen: 363.733 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. -0.01 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Instrument :

MSVOA_X

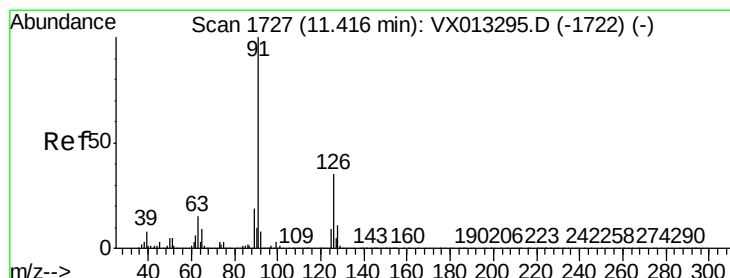
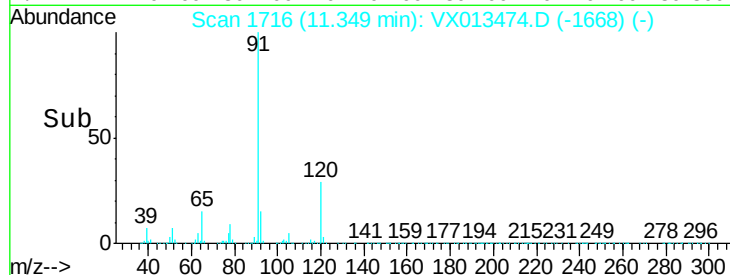
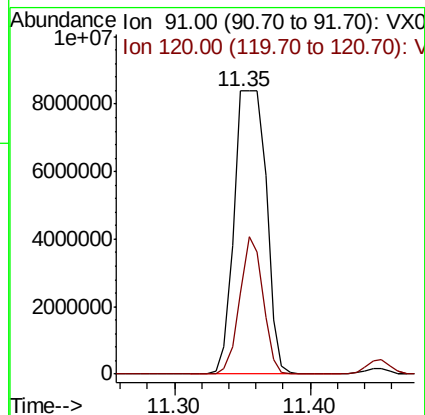
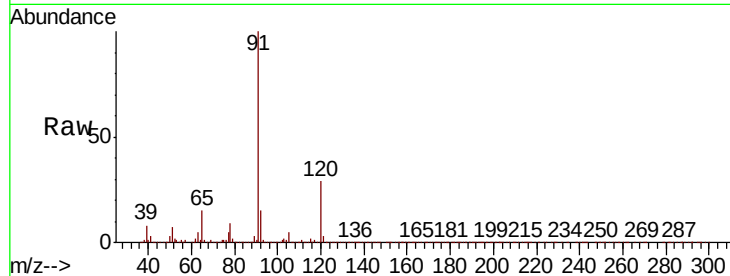
ClientSampleId :

Tot Ion: 91 Resp:13814487

Ion Ratio Lower Upper

91 100

120 35.3 11.6 34.8#



#79

2-Chlorotoluene

Concen: 603.708 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. -0.07 min

Lab File: VX013474.D

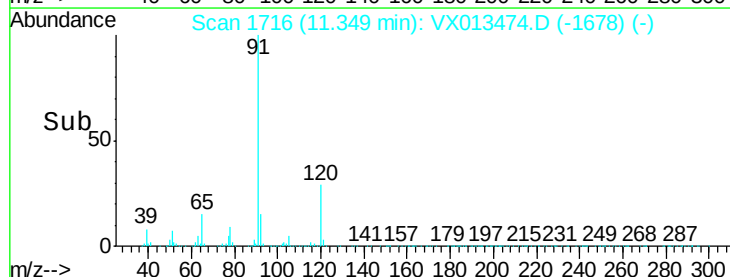
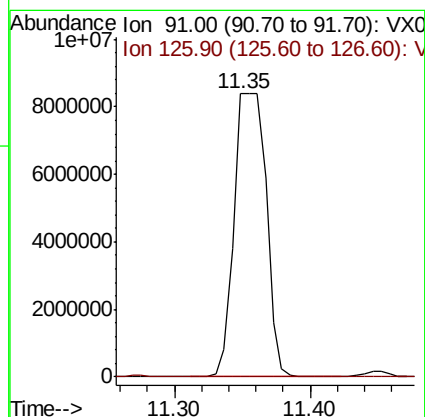
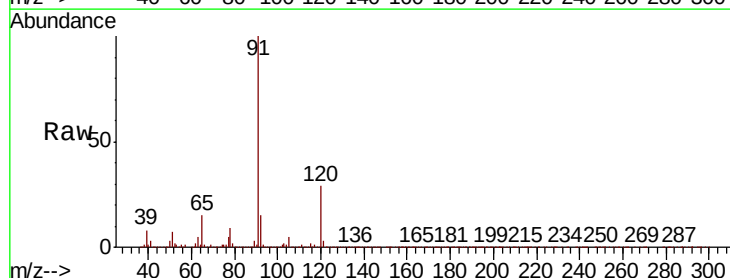
Acq: 20 Nov 2019 14:02

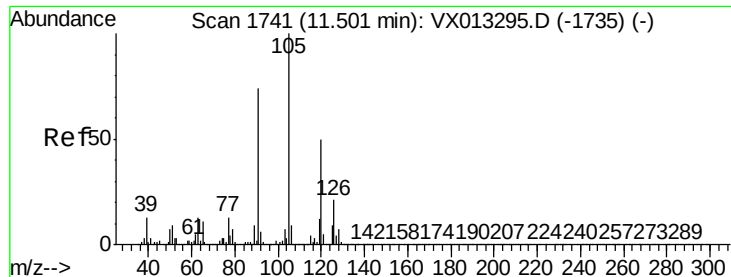
Tgt Ion: 91 Resp:13814487

Ion Ratio Lower Upper

91 100

126 0.0 17.3 52.0#

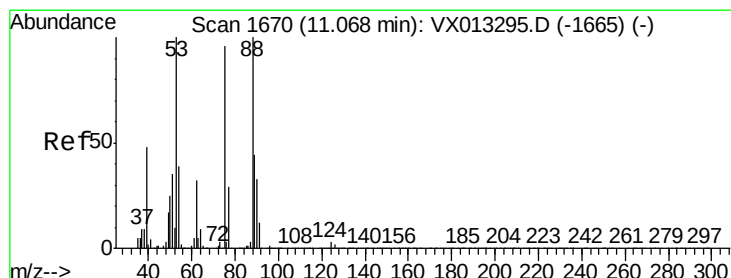
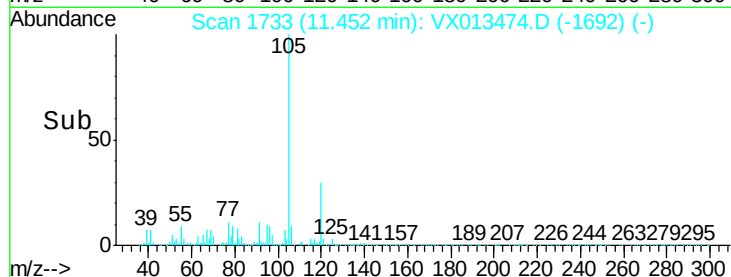
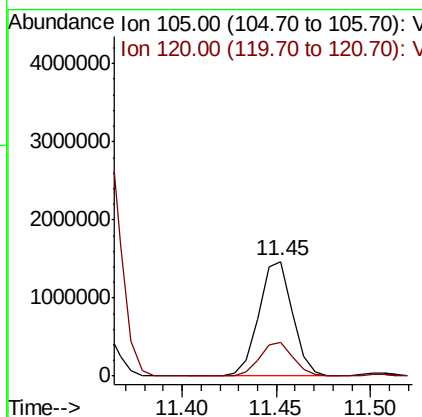
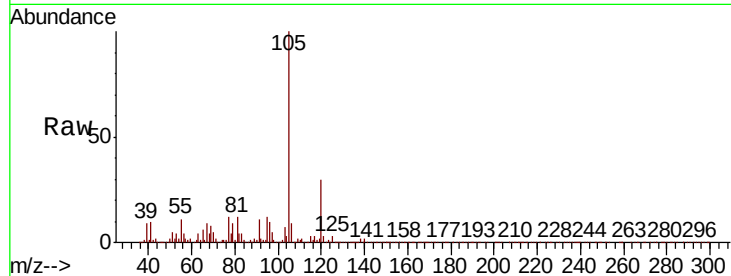




#80
 1,3,5-Trimethylbenzene
 Concen: 64.094 ug/l
 RT: 11.45 min Scan# 1733
 Delta R.T. -0.05 min
 Lab File: VX013474.D
 Acq: 20 Nov 2019 14:02

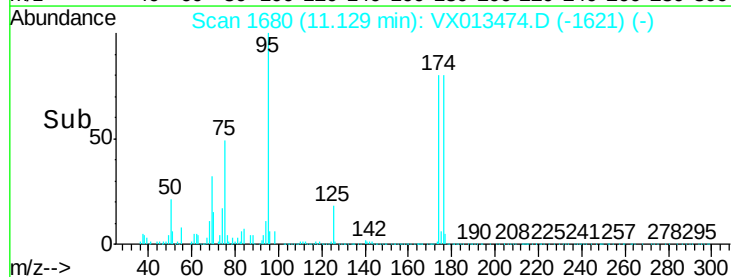
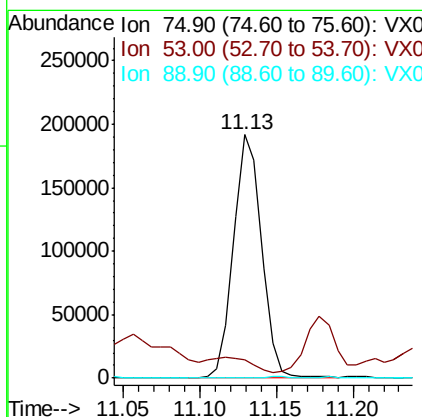
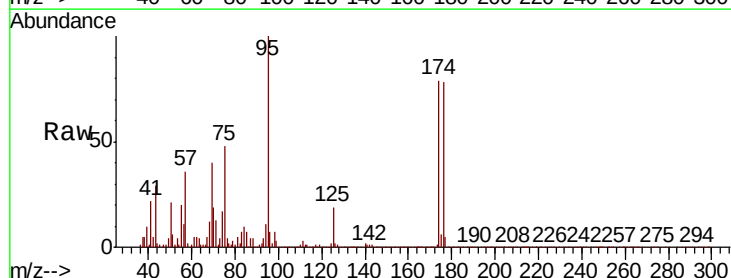
Instrument :
 MSVOA_X
 ClientSampleId :

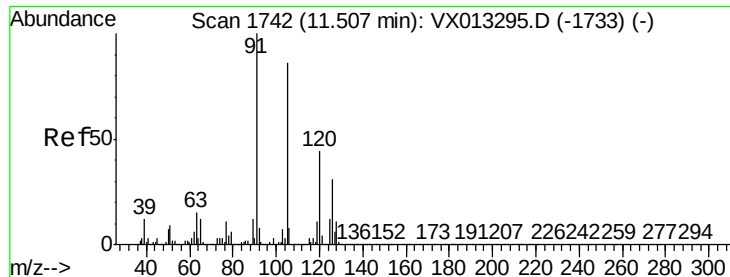
Tot Ion:105 Resp: 1820233
 Ion Ratio Lower Upper
 105 100
 120 29.6 24.9 74.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.907 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX013474.D
 Acq: 20 Nov 2019 14:02

Tgt Ion: 75 Resp: 243094
 Ion Ratio Lower Upper
 75 100
 53 8.8 81.0 121.6#
 89 0.0 36.0 54.0#

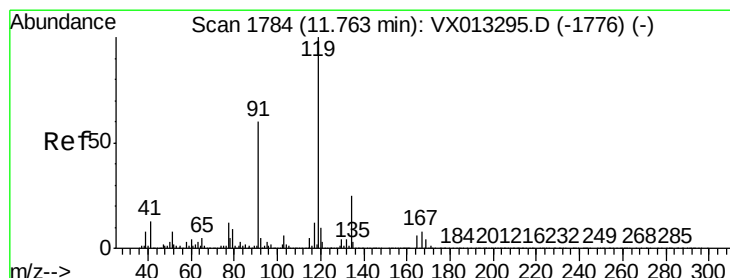
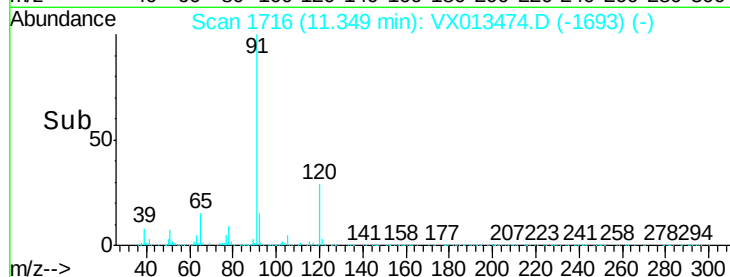
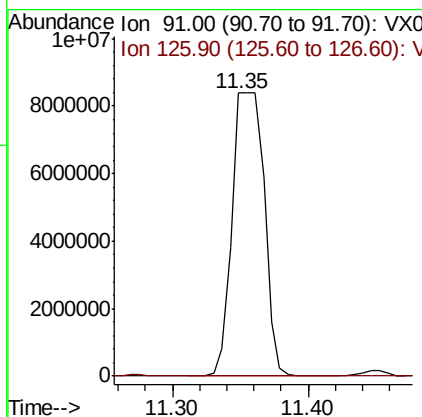
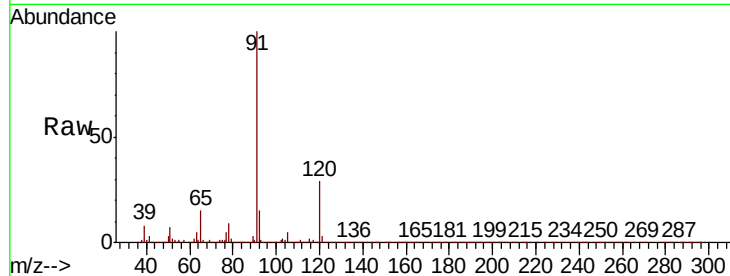




#82
4-Chlorotoluene
Concen: 515.728 ug/l
RT: 11.35 min Scan# 1716
Delta R.T. -0.16 min
Lab File: VX013474.D
Acq: 20 Nov 2019 14:02

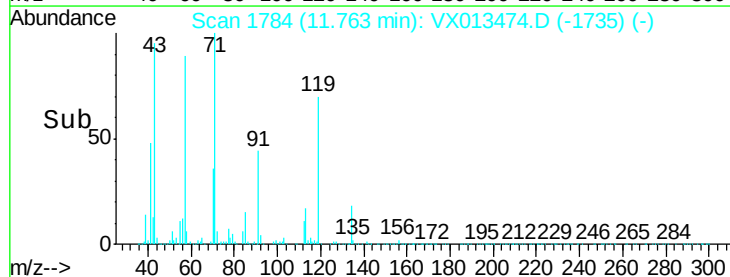
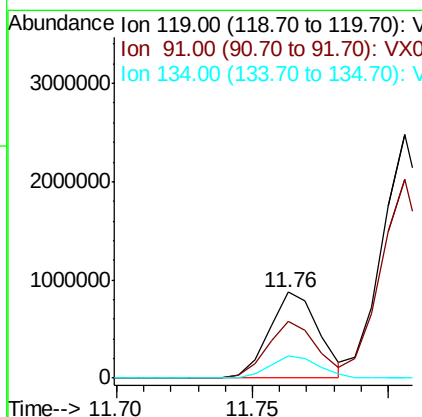
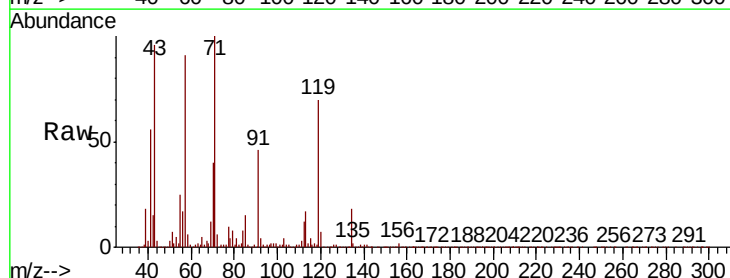
Instrument :
MSVOA_X
ClientSampleId :

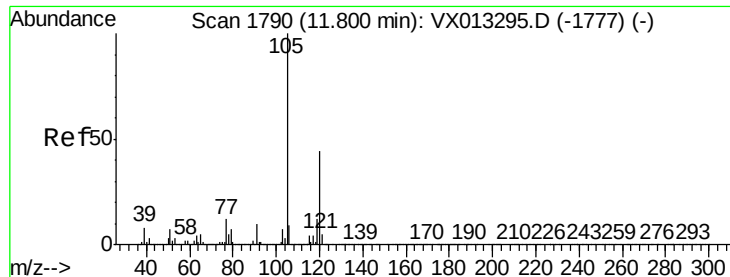
Tot Ion: 91 Resp:13814487
Ion Ratio Lower Upper
91 100
126 0.0 15.3 45.8#



#83
tert-Butylbenzene
Concen: 38.454 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013474.D
Acq: 20 Nov 2019 14:02

Tgt Ion:119 Resp: 1099314
Ion Ratio Lower Upper
119 100
91 65.6 26.9 80.7
134 26.1 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 496.078 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Instrument :

MSVOA_X

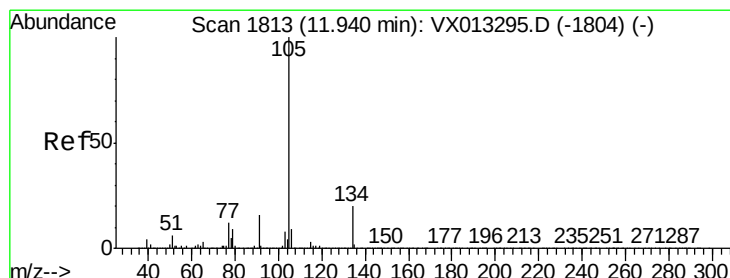
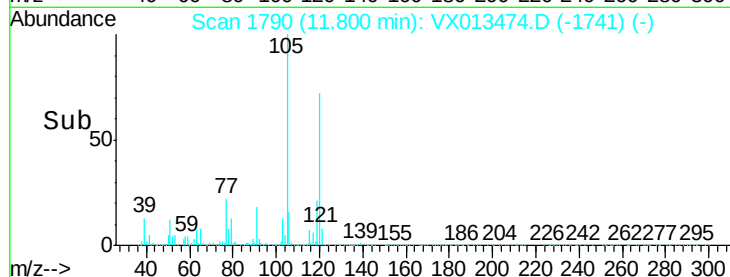
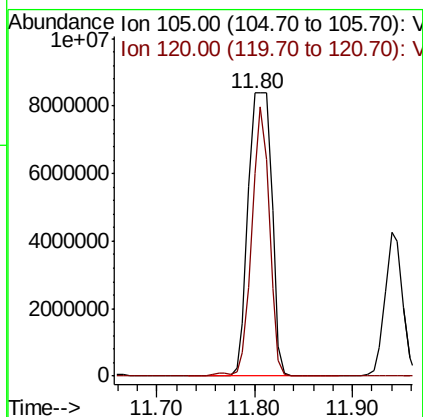
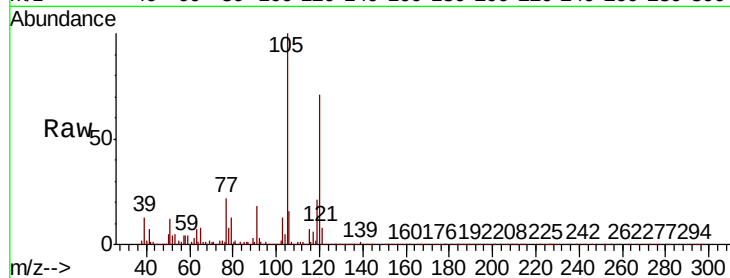
ClientSampleId :

Tot Ion:105 Resp:14132580

Ion Ratio Lower Upper

105 100

120 70.6 22.7 68.1#



#85

sec-Butylbenzene

Concen: 161.808 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013474.D

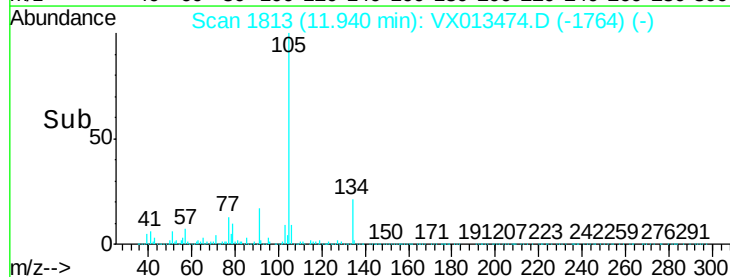
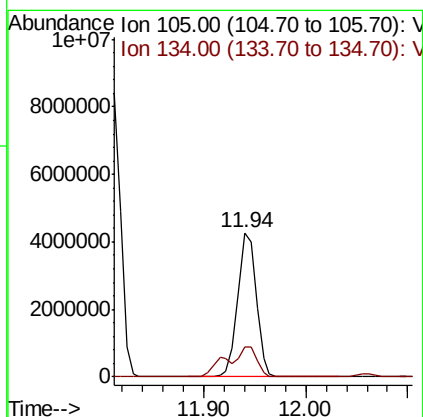
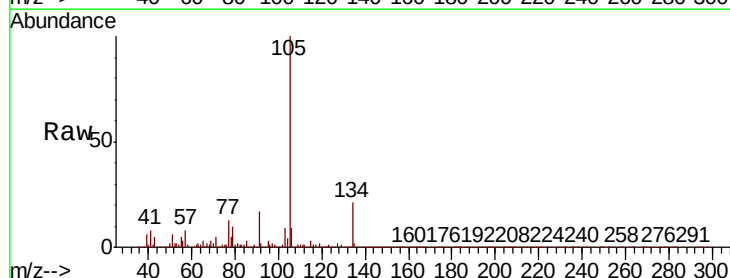
Acq: 20 Nov 2019 14:02

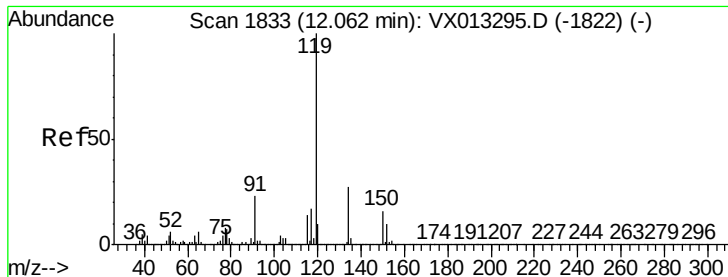
Tgt Ion:105 Resp: 5316367

Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.9

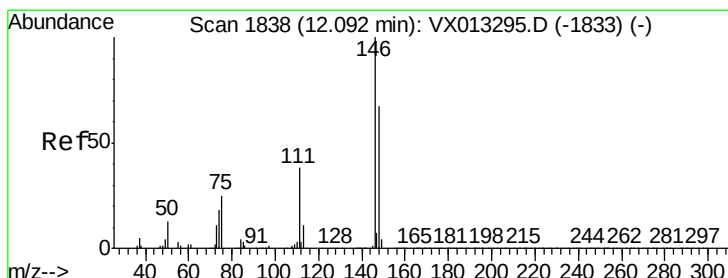
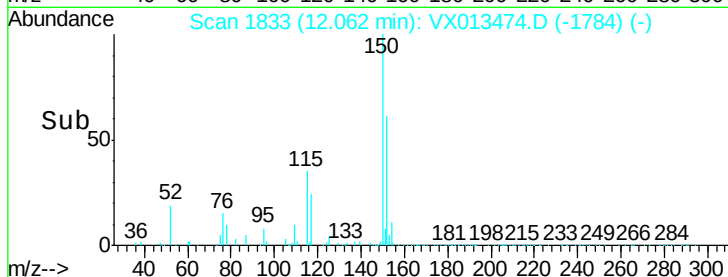
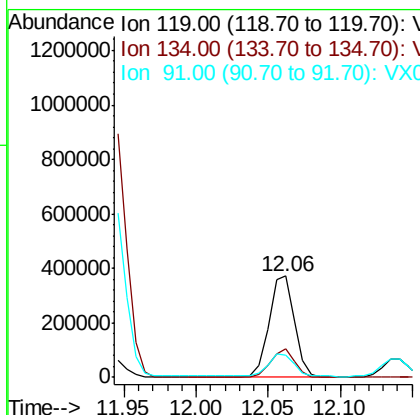
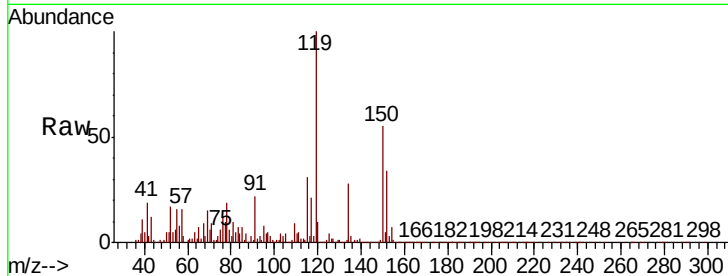




#86
p-Isopropyltoluene
Concen: 15.005 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX013474.D
Acq: 20 Nov 2019 14:02

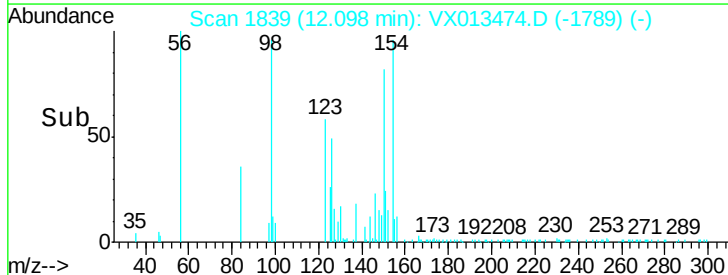
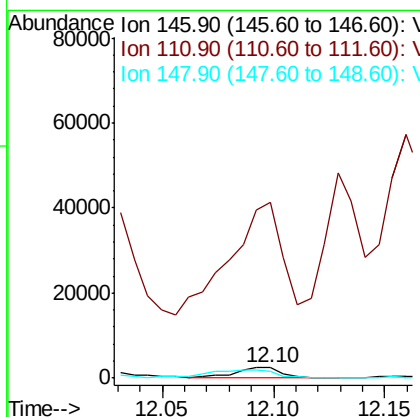
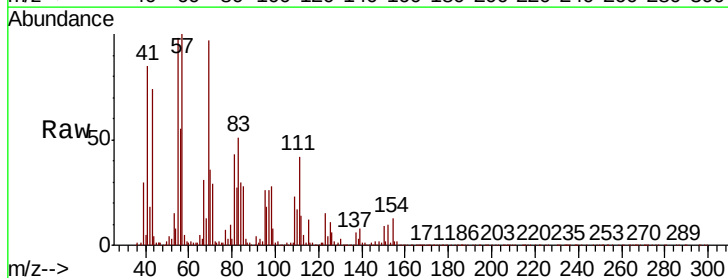
Instrument :
MSVOA_X
ClientSampled :

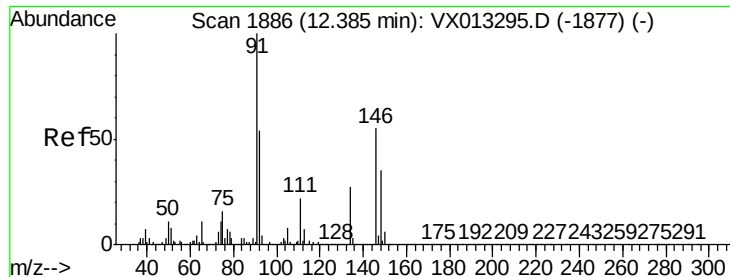
Tot Ion:119 Resp: 453962
Ion Ratio Lower Upper
119 100
134 27.1 13.3 39.8
91 22.4 11.5 34.4



#88
1,4-Dichlorobenzene
Concen: 0.208 ug/l
RT: 12.10 min Scan# 1839
Delta R.T. 0.01 min
Lab File: VX013474.D
Acq: 20 Nov 2019 14:02

Tgt Ion:146 Resp: 3426
Ion Ratio Lower Upper
146 100
111 1318.6 18.8 56.4#
148 126.5 32.4 97.0#





#89

n-Butylbenzene

Concen: 89.559 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013474.D

Acq: 20 Nov 2019 14:02

Instrument :

MSVOA_X

ClientSampled :

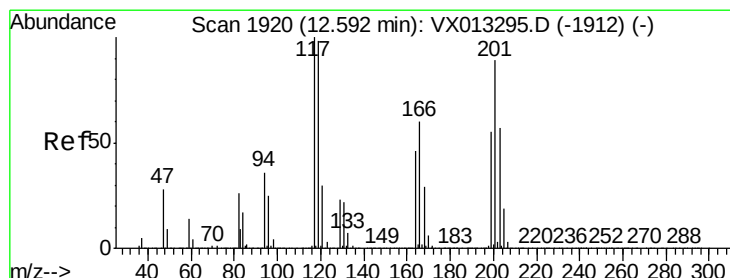
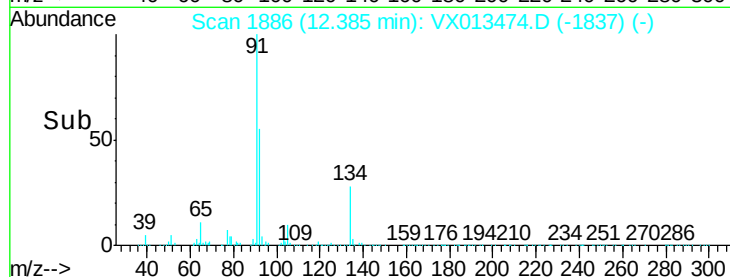
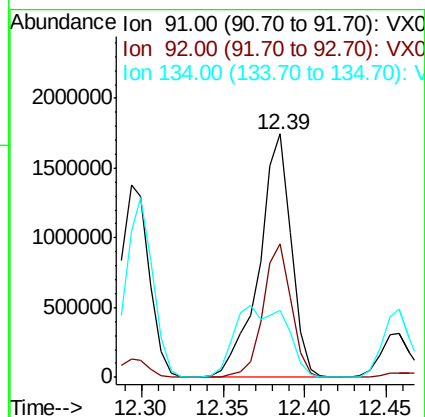
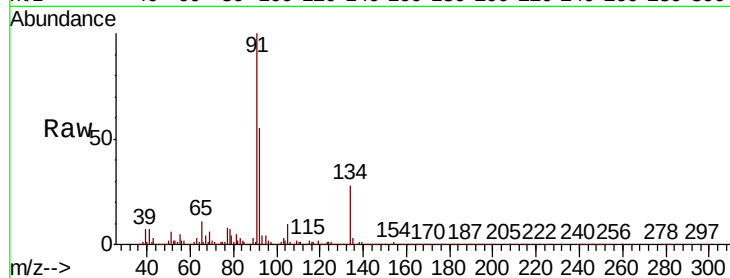
Tot Ion: 91 Resp: 2364301

Ion Ratio Lower Upper

91 100

92 48.6 27.3 81.8

134 47.9 13.5 40.5#



#90

Hexachloroethane

Concen: 127.724 ug/l

RT: 12.67 min Scan# 1932

Delta R.T. 0.07 min

Lab File: VX013474.D

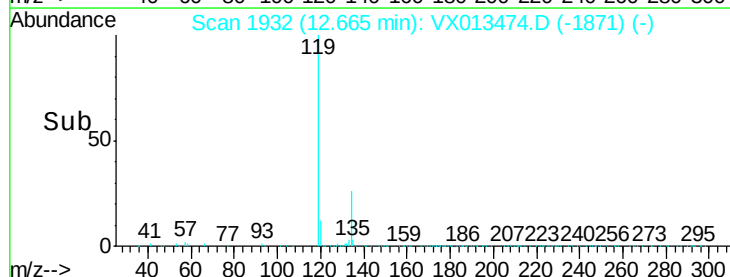
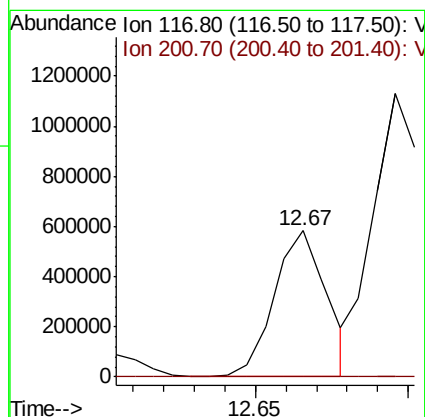
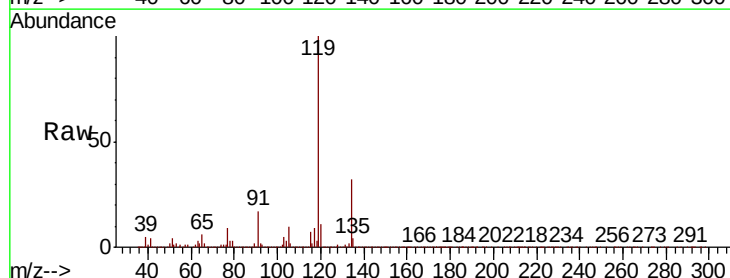
Acq: 20 Nov 2019 14:02

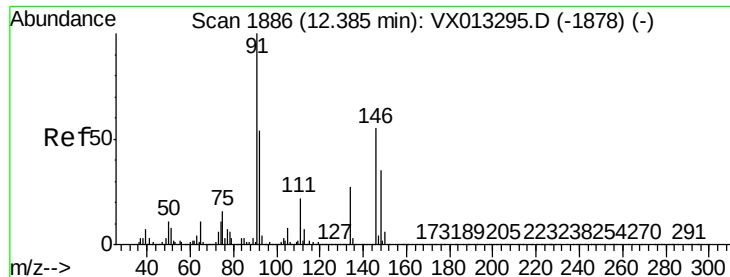
Tgt Ion: 117 Resp: 688493

Ion Ratio Lower Upper

117 100

201 0.0 43.9 131.7#

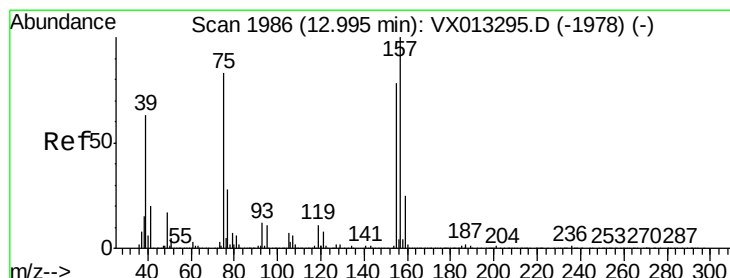
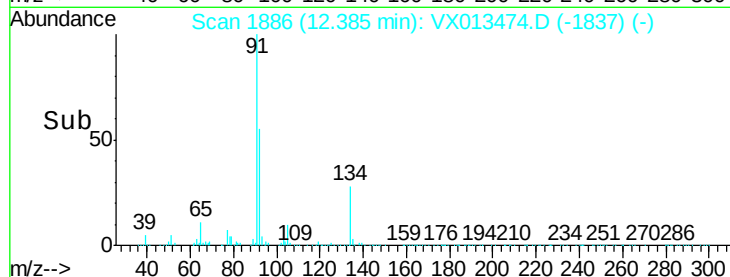
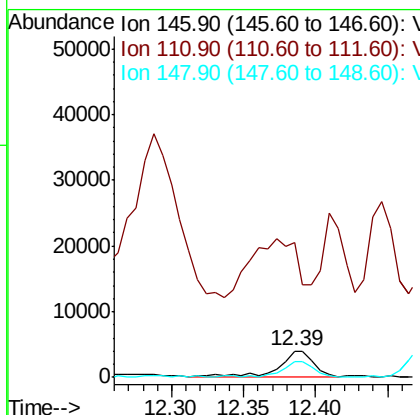
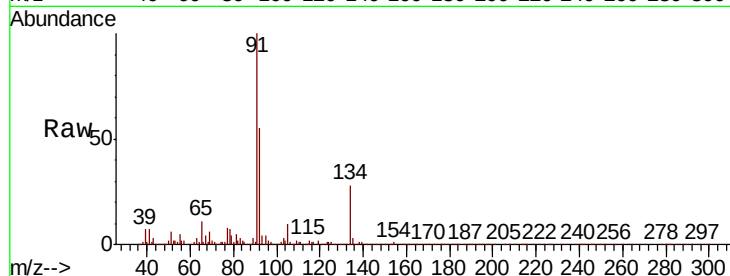




#91
 1,2-Dichlorobenzene
 Concen: 0.439 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013474.D
 Acq: 20 Nov 2019 14:02

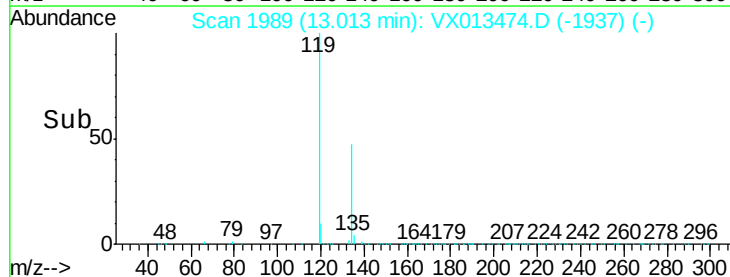
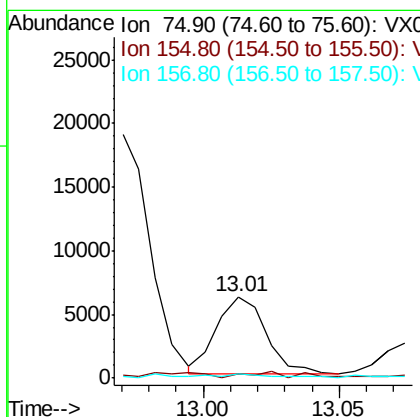
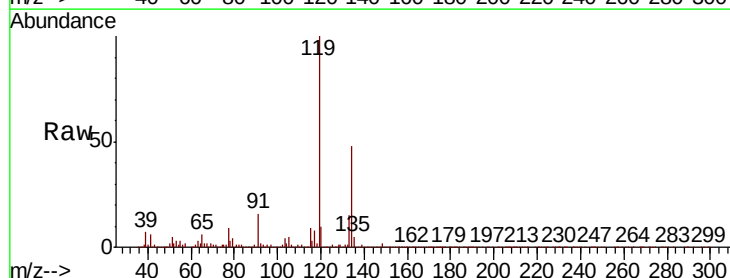
Instrument :
 MSVOA_X
 ClientSampled :

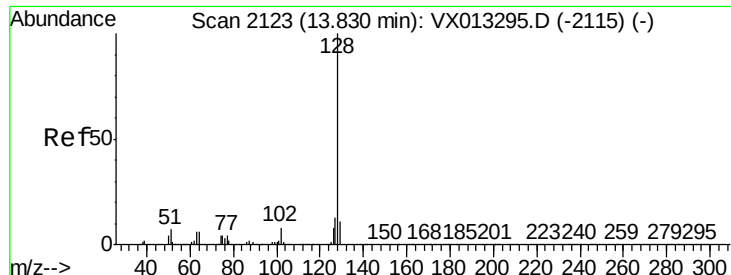
Tot Ion	Ratio	Lower	Upper
146	100		
111	276.8	20.1	60.2#
148	59.5	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.497 ug/l
 RT: 13.01 min Scan# 1989
 Delta R.T. 0.02 min
 Lab File: VX013474.D
 Acq: 20 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	8.6	47.1	141.4#
157	5.6	61.3	183.8#

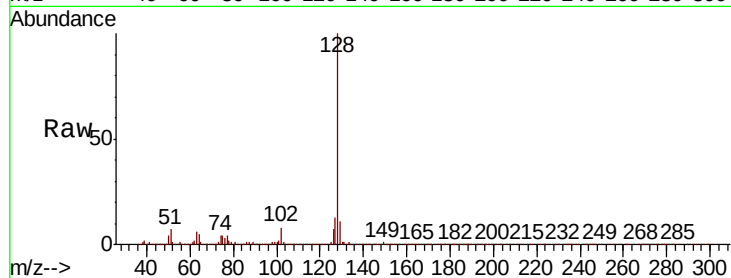




#95
Naphthalene
Concen: 20.639 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013474.D
Acq: 20 Nov 2019 14:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	12.1	8.5	12.7



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

