

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020420\
 Data File : VX014804.D
 Acq On : 04 Feb 2020 13:16
 Operator : JC/SP
 Sample : L1329-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-11

Quant Time: Feb 05 03:02:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	430476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	675657	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	633489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	310379	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	248873	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
35) Dibromofluoromethane	5.49	113	207859	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
50) Toluene-d8	8.71	98	811465	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.13	95	290945	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	379	0.596	ug/l #	65
3) Chloromethane	1.32	50	1643	0.282	ug/l #	86
5) Bromomethane	1.65	94	2267	0.530	ug/l	96
6) Chloroethane	1.69	64	1104	Below Cal	#	43
8) Diethyl Ether	2.20	74	692	0.216	ug/l #	1
10) Methyl Iodide	2.51	142	4605	0.815	ug/l #	87
11) Tert butyl alcohol	3.02	59	88379	78.308	ug/l	97
13) Acrolein	2.29	56	3469	3.898	ug/l	92
14) Allyl chloride	2.84	41	8060	1.048	ug/l #	27
16) Acetone	2.43	43	814999	295.787	ug/l	99
17) Carbon Disulfide	2.56	76	3394	0.290	ug/l #	94
18) Methyl Acetate	2.76	43	24433	3.107	ug/l	93
20) Methylene Chloride	2.85	84	203081	39.835	ug/l	98
25) 2-Butanone	4.65	43	363585	92.108	ug/l	97
29) Tetrahydrofuran	5.13	42	4828	2.061	ug/l #	84
31) Cyclohexane	5.58	56	2581	0.330	ug/l #	50
36) 1,1-Dichloropropene	5.65	75	31312	4.987	ug/l #	48
37) Ethyl Acetate	4.82	43	11216	1.560	ug/l #	81
38) Carbon Tetrachloride	5.65	117	38731	6.460	ug/l #	16
39) Methylcyclohexane	7.47	83	2131	0.271	ug/l #	63
40) Benzene	6.14	78	212333	10.946	ug/l	100
41) Methacrylonitrile	5.02	41	372	Below Cal	#	42
42) 1,2-Dichloroethane	6.15	62	2487	0.371	ug/l #	65
43) Isopropyl Acetate	6.45	43	3556	0.302	ug/l #	72
48) Methyl methacrylate	7.65	41	48015	8.534	ug/l #	44
49) 1,4-Dioxane	7.73	88	5519	46.278	ug/l #	85
51) 4-Methyl-2-Pentanone	8.64	43	2582	0.347	ug/l	92
52) Toluene	8.78	92	181647	15.233	ug/l	99
56) Ethyl methacrylate	9.17	69	157	1.803	ug/l #	1
59) 2-Hexanone	9.49	43	3855	0.668	ug/l	96
67) Ethyl Benzene	10.25	91	9374	0.405	ug/l	95
68) m/p-Xylenes	10.35	106	15820	1.805	ug/l	98
69) o-Xylene	10.69	106	7283	0.861	ug/l	98
74) N-amyl acetate	10.90	43	14565	1.523	ug/l #	6

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Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

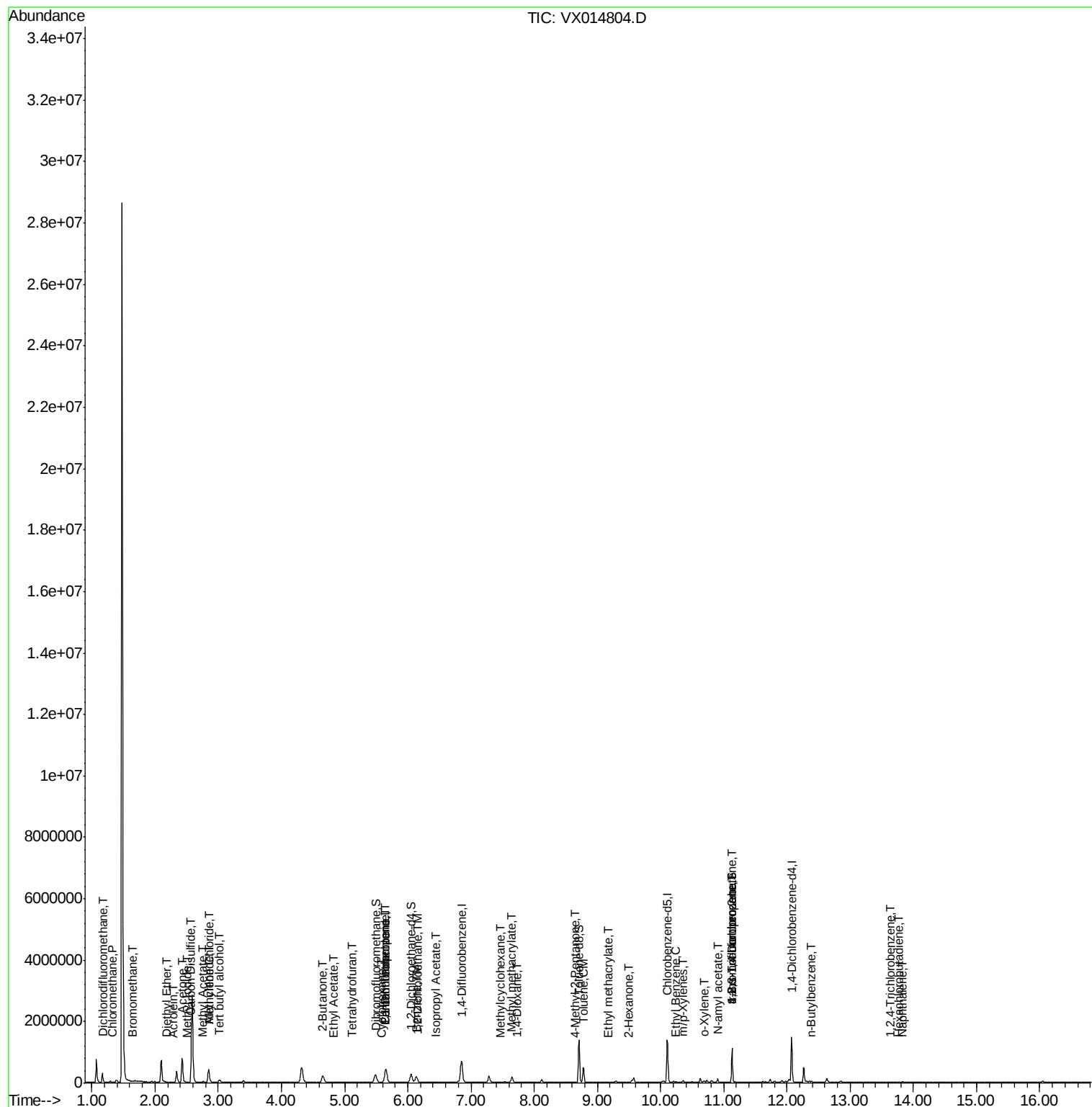
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	11.13	75	144652	20.032	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	144652	57.006	ug/l #	10
89) n-Butylbenzene	12.38	91	3683	0.219	ug/l	90
93) 1,2,4-Trichlorobenzene	13.64	180	2213	0.328	ug/l	98
94) Hexachlorobutadiene	13.78	225	834	0.240	ug/l #	59
95) Naphthalene	13.83	128	10453	1.403	ug/l #	89

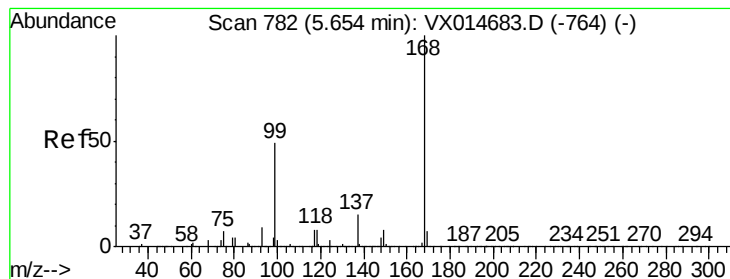
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014804.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

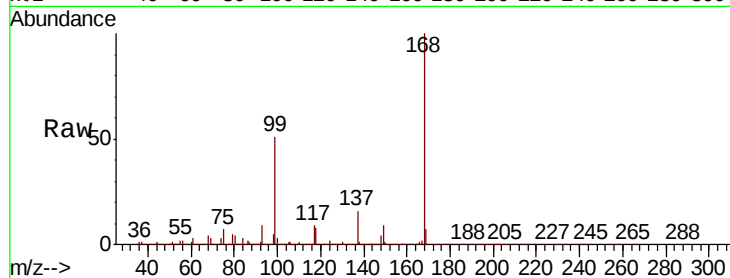
COMP-11

Tot Ion:168 Resp: 430476

Ion Ratio Lower Upper

168 100

99 51.1 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

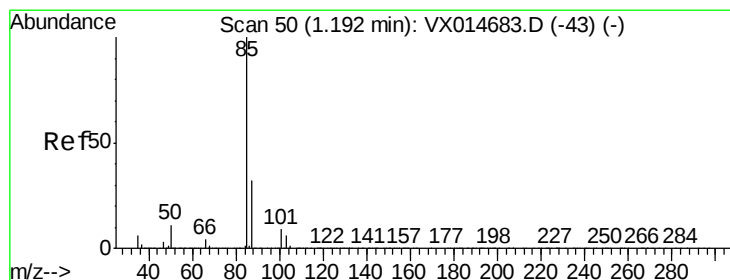
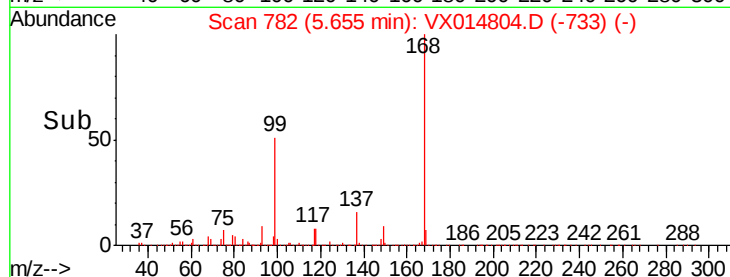
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.596 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX014804.D

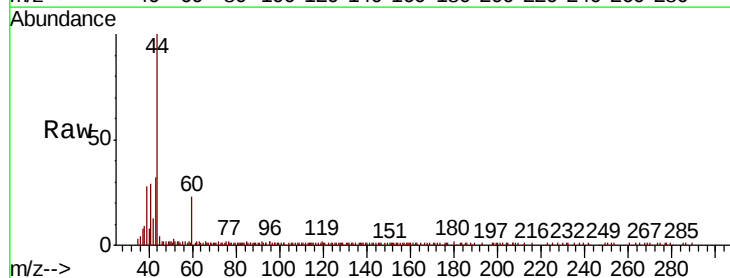
Acq: 04 Feb 2020 13:16

Tgt Ion: 85 Resp: 379

Ion Ratio Lower Upper

85 100

87 12.6 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400

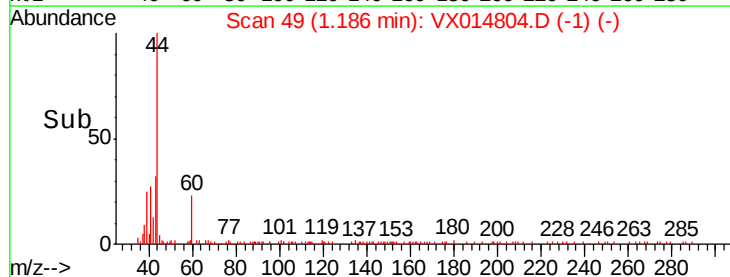
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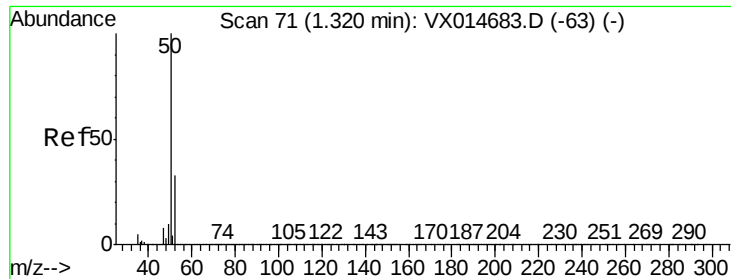
200

100

0

Time-->





#3

Chloromethane

Concen: 0.282 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014804.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

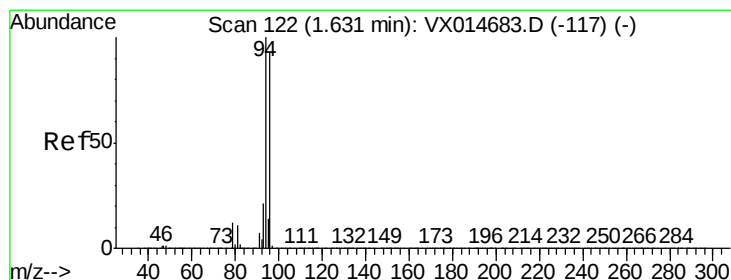
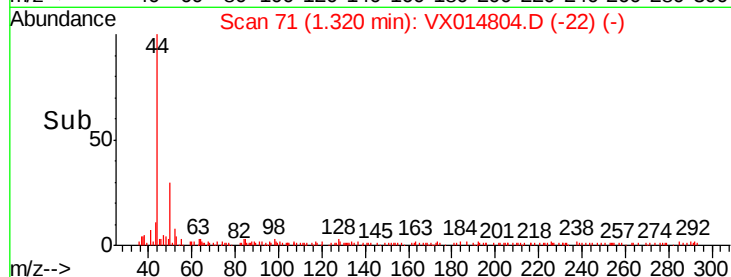
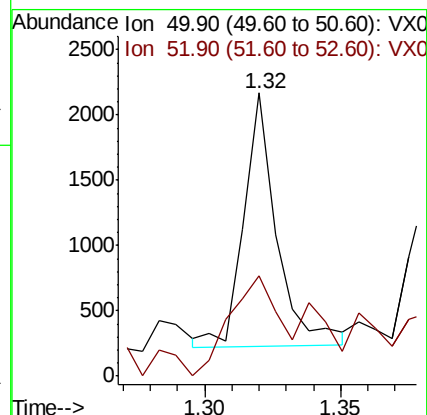
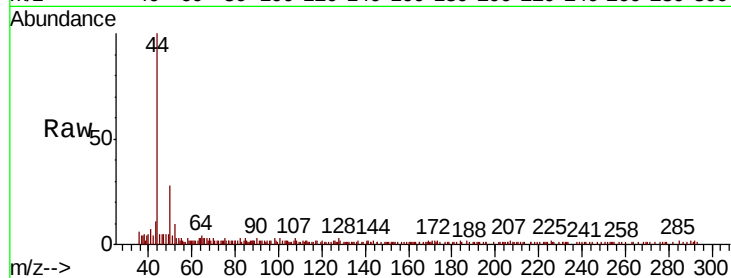
COMP-11

Tot Ion: 50 Resp: 1643

Ion Ratio Lower Upper

50 100

52 40.7 26.2 39.2#



#5

Bromomethane

Concen: 0.530 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.02 min

Lab File: VX014804.D

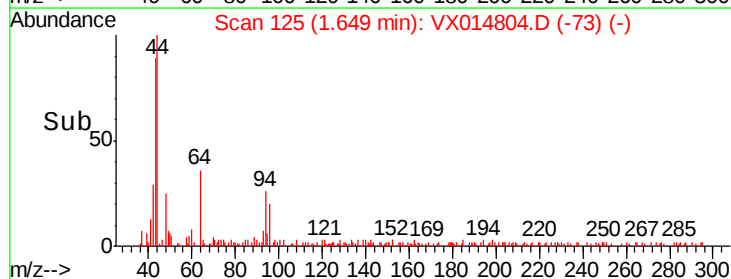
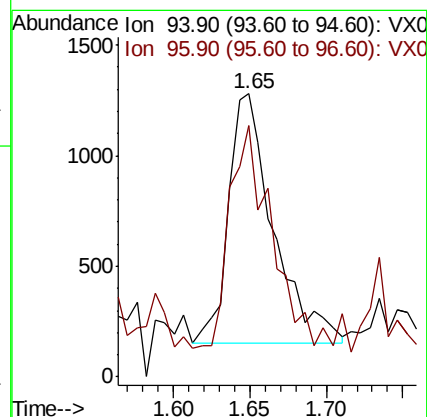
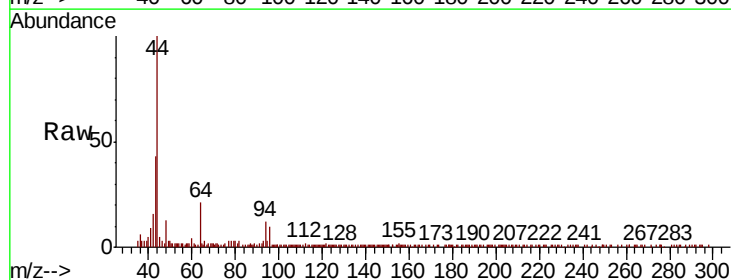
Acq: 04 Feb 2020 13:16

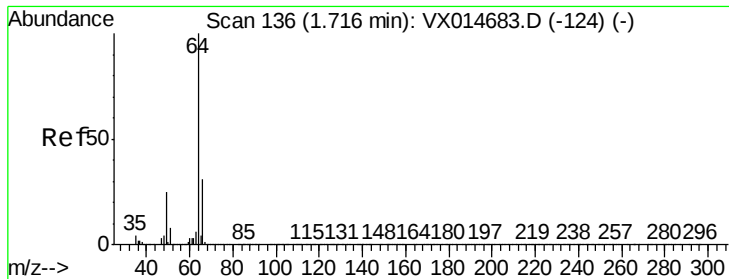
Tgt Ion: 94 Resp: 2267

Ion Ratio Lower Upper

94 100

96 89.6 74.7 112.1





#6

Chloroethane

Concen: Below Cal

RT: 1.69 min Scan# 132

Delta R.T. -0.02 min

Lab File: VX014804.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_X

ClientSampled :

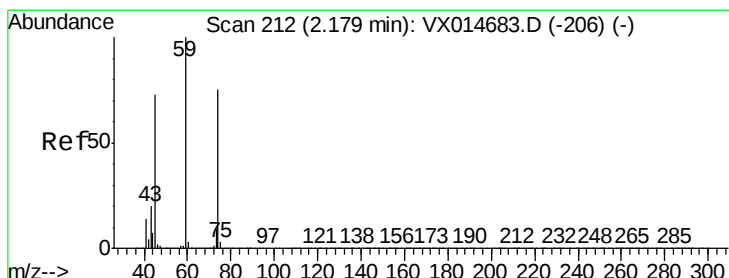
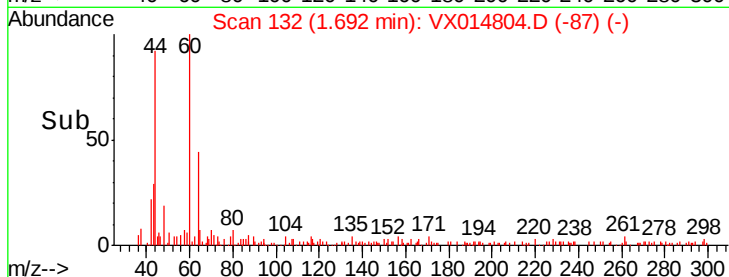
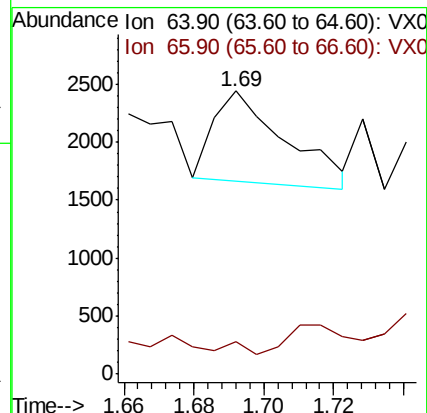
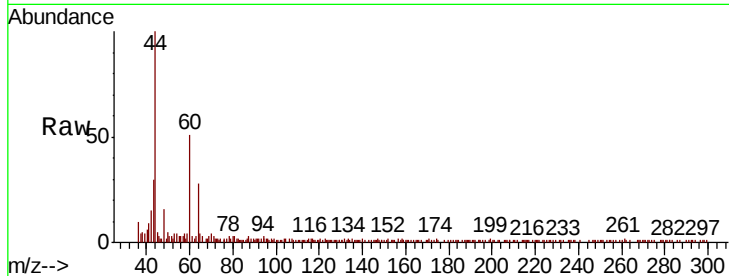
COMP-11

Tot Ion: 64 Resp: 1104

Ion Ratio Lower Upper

64 100

66 0.0 25.2 37.8#



#8

Diethyl Ether

Concen: 0.216 ug/l

RT: 2.20 min Scan# 215

Delta R.T. 0.02 min

Lab File: VX014804.D

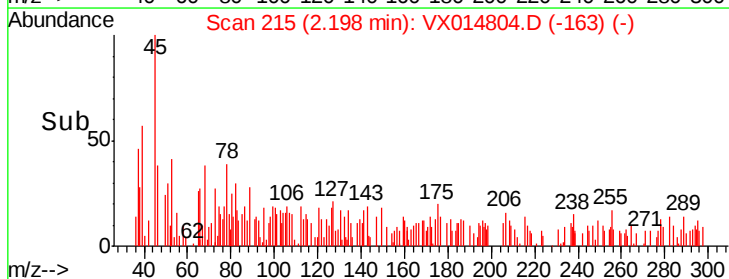
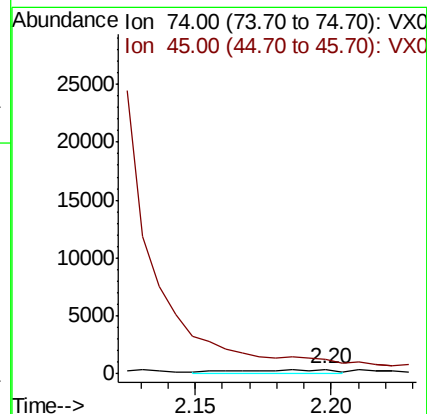
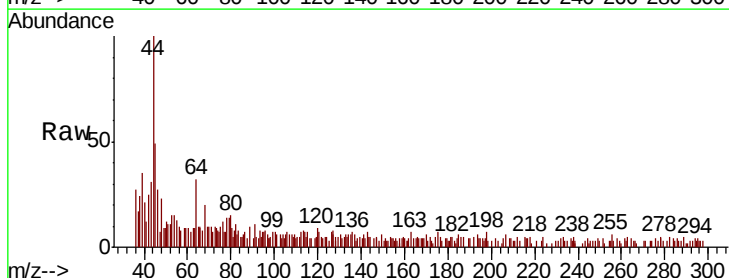
Acq: 04 Feb 2020 13:16

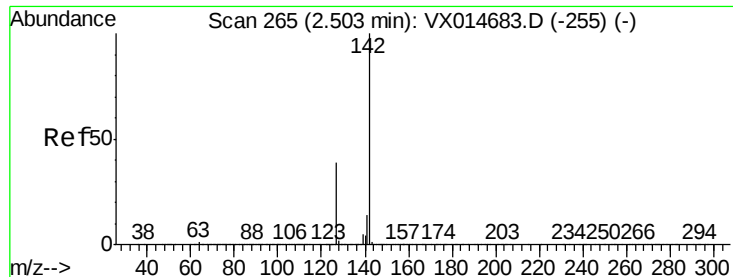
Tgt Ion: 74 Resp: 692

Ion Ratio Lower Upper

74 100

45 0.0 49.4 148.0#

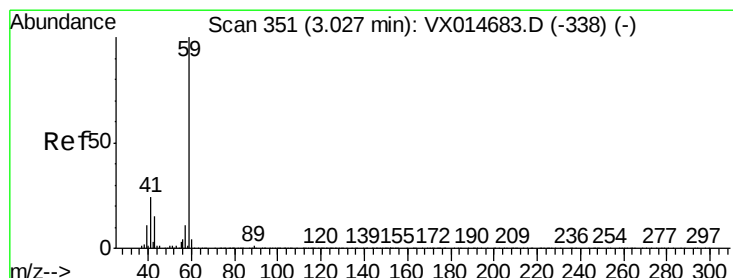
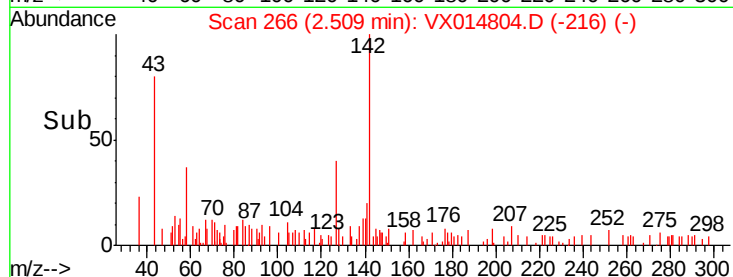
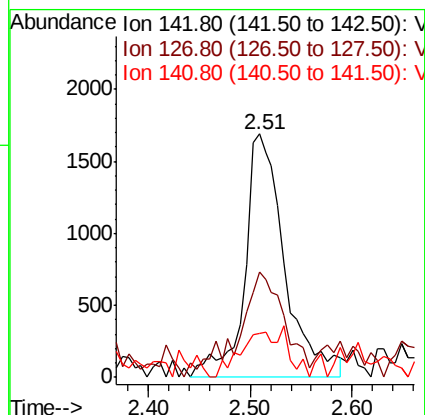
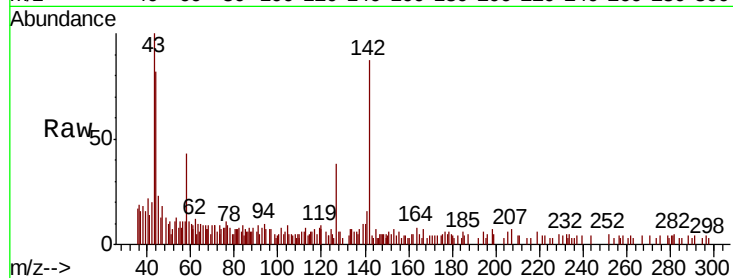




#10
Methvl Iodide
Concen: 0.815 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

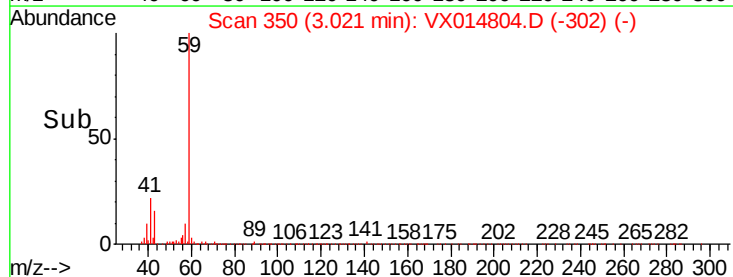
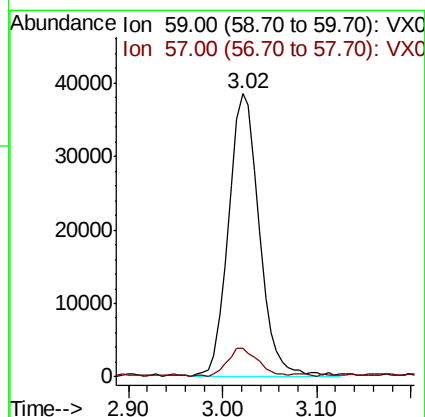
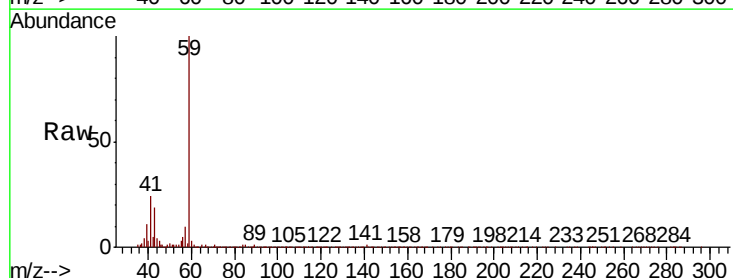
Instrument :
MSVOA_X
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COMP-11

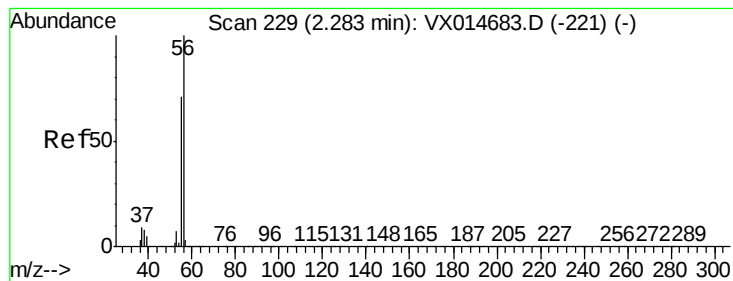
Tot Ion:142 Resp: 4605
Ion Ratio Lower Upper
142 100
127 35.9 31.1 46.7
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 78.308 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

Tgt Ion: 59 Resp: 88379
Ion Ratio Lower Upper
59 100
57 9.4 8.3 12.5





#13

Acrolein

Concen: 3.898 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX014804.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

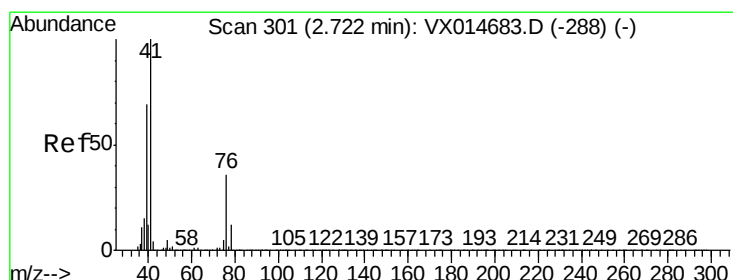
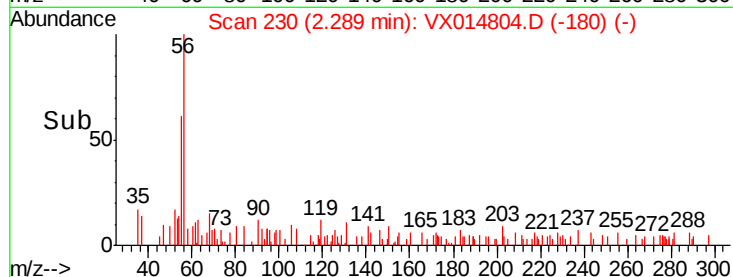
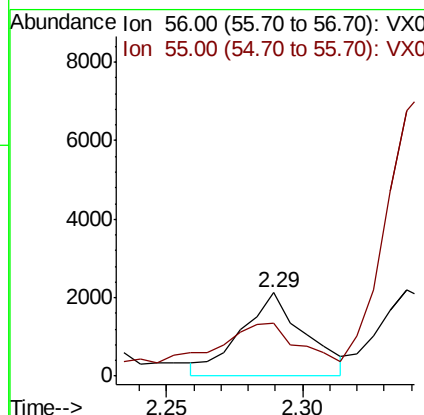
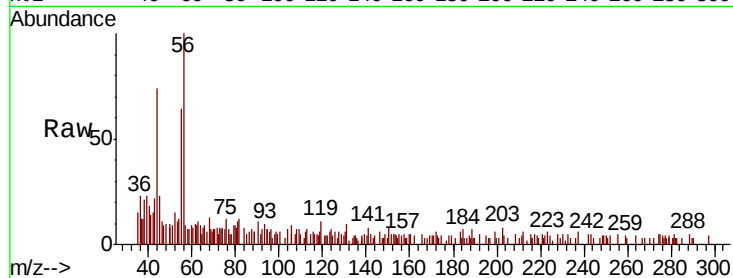
COMP-11

Tot Ion: 56 Resp: 3469

Ion Ratio Lower Upper

56 100

55 77.5 56.6 84.8



#14

Allyl chloride

Concen: 1.048 ug/l

RT: 2.84 min Scan# 321

Delta R.T. 0.12 min

Lab File: VX014804.D

Acq: 04 Feb 2020 13:16

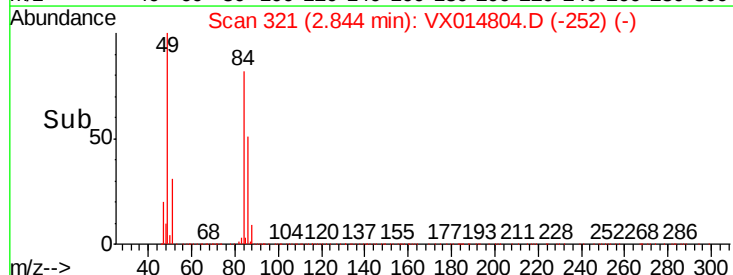
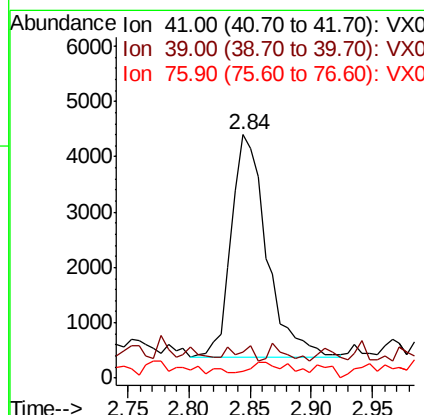
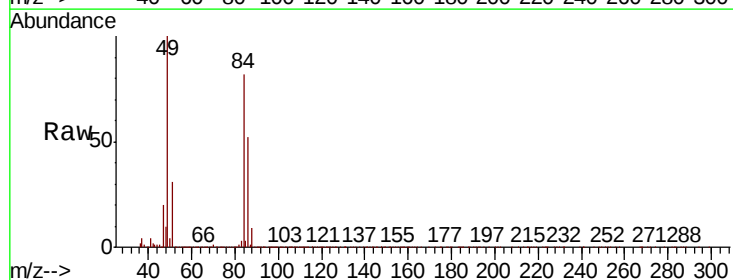
Tgt Ion: 41 Resp: 8060

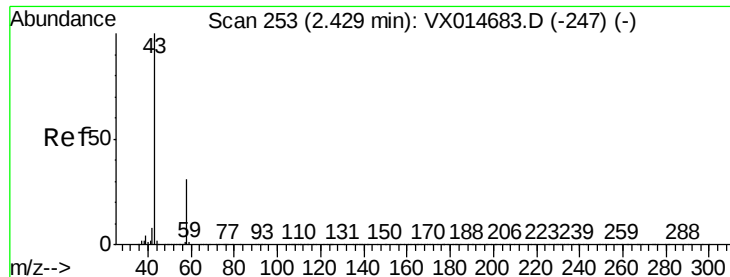
Ion Ratio Lower Upper

41 100

39 0.0 52.0 78.0#

76 2.9 26.0 39.0#

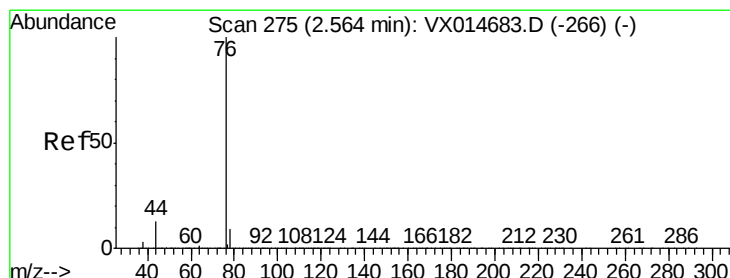
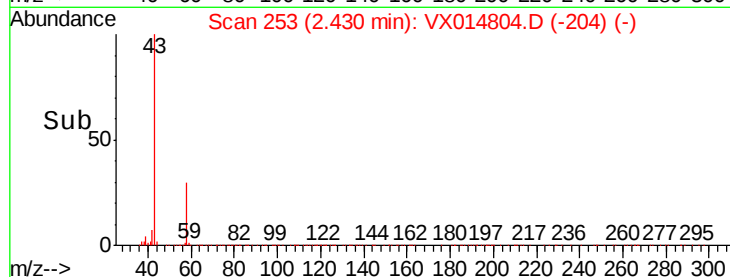
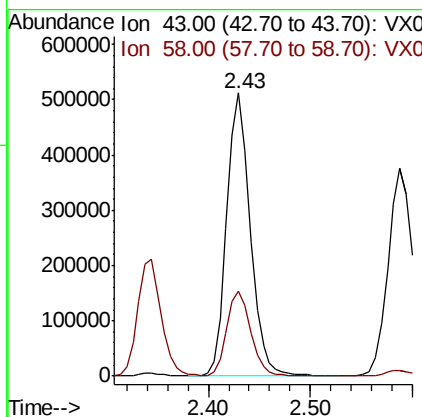
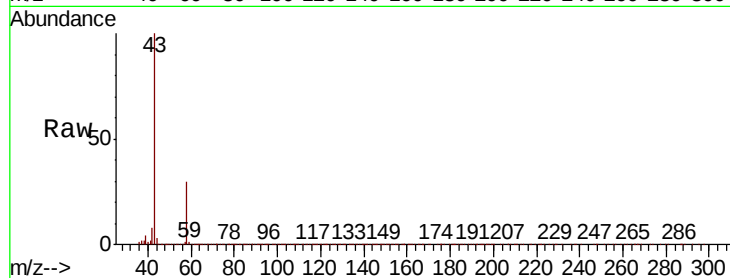




#16
Acetone
Concen: 295.787 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

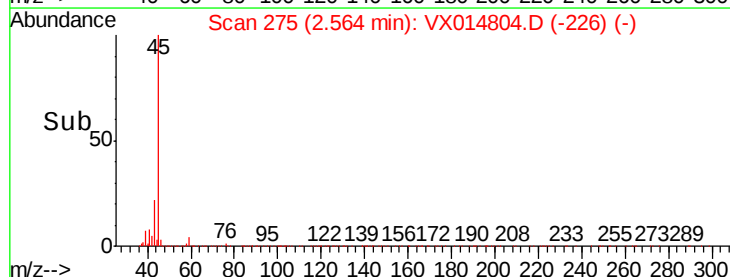
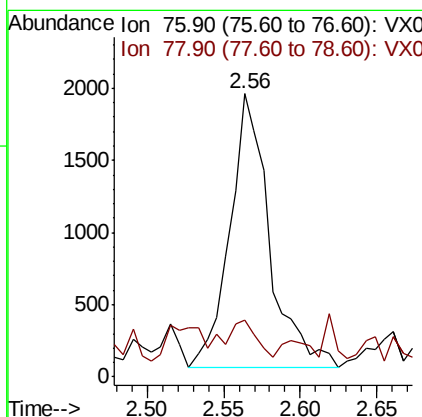
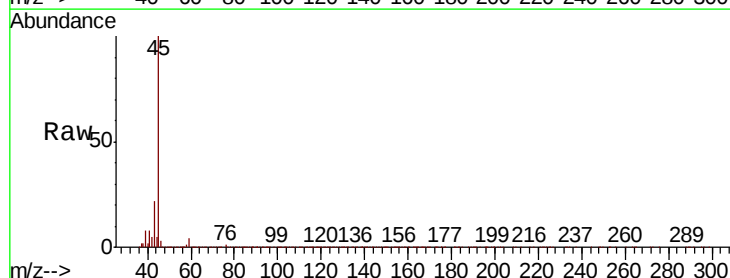
Instrument :
MSVOA_X
ClientSampled :
COMP-11

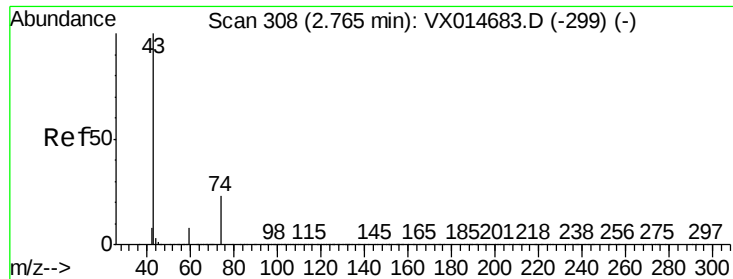
Tot Ion: 43 Resp: 814999
Ion Ratio Lower Upper
43 100
58 30.0 24.5 36.7



#17
Carbon Disulfide
Concen: 0.290 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

Tgt Ion: 76 Resp: 3394
Ion Ratio Lower Upper
76 100
78 11.1 7.2 10.8#

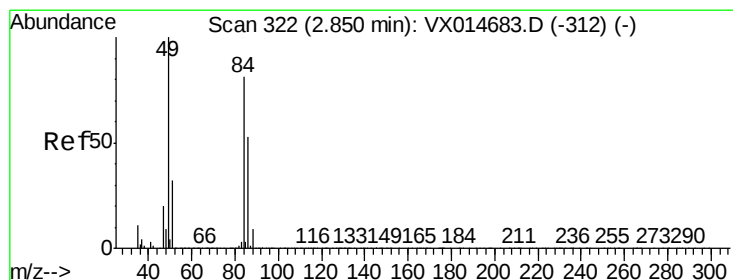
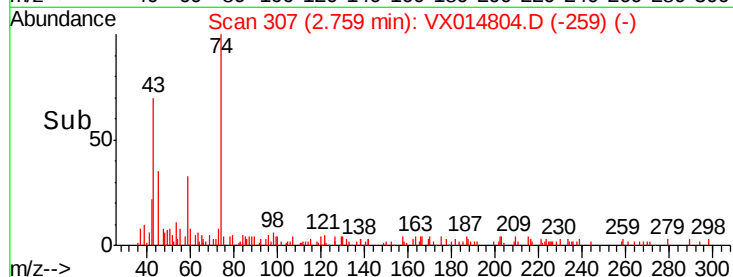
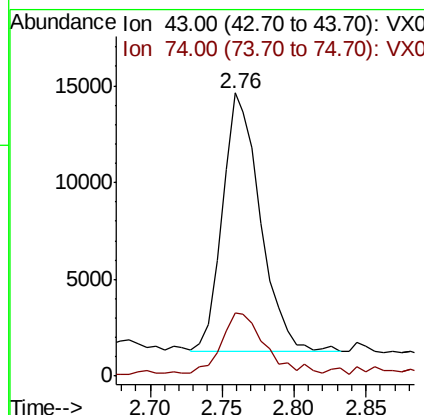
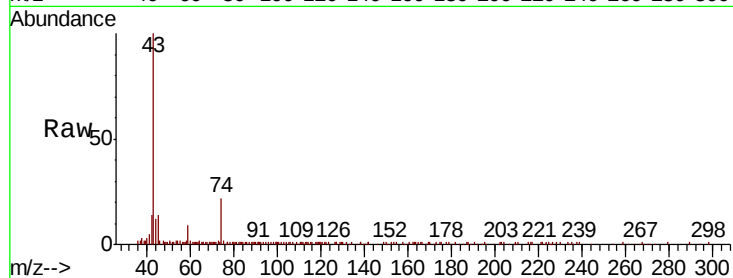




#18
Methvl Acetate
Concen: 3.107 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

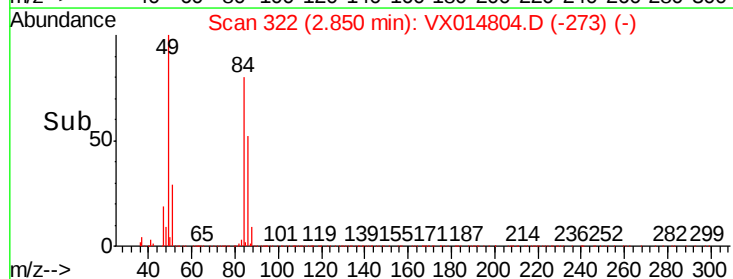
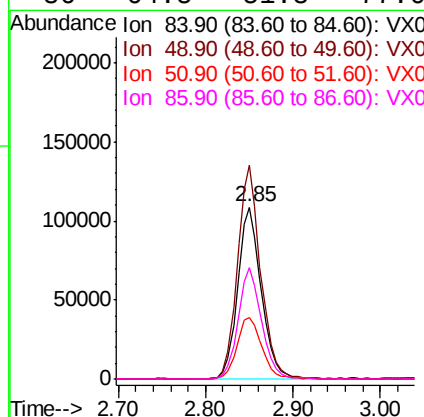
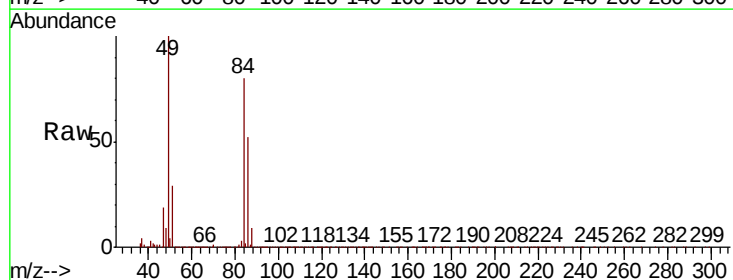
Instrument :
MSVOA_X
ClientSampleId :
COMP-11

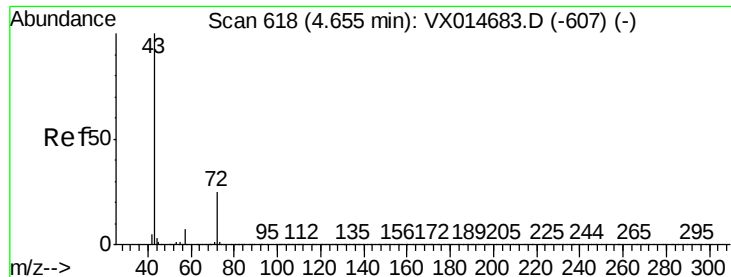
Tot Ion: 43 Resp: 24433
Ion Ratio Lower Upper
43 100
74 26.5 18.5 27.7



#20
Methylene Chloride
Concen: 39.835 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

Tgt Ion: 84 Resp: 203081
Ion Ratio Lower Upper
84 100
49 124.2 98.2 147.4
51 35.5 31.3 46.9
86 64.5 51.8 77.6

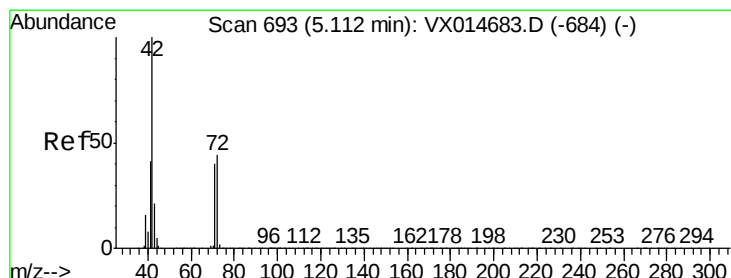
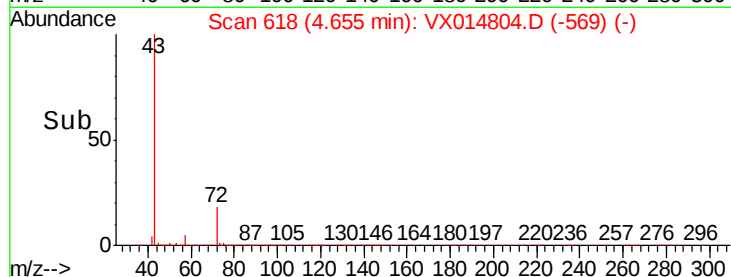
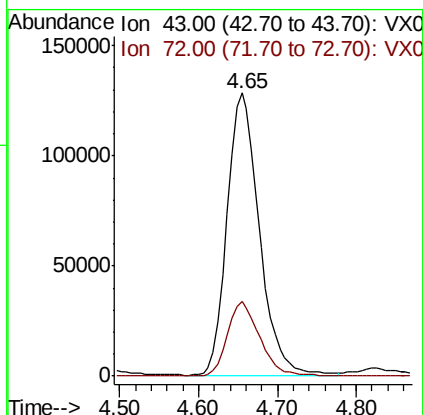
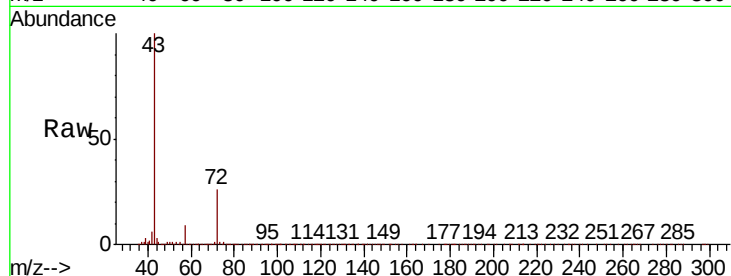




#25
2-Butanone
Concen: 92.108 ug/l
RT: 4.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

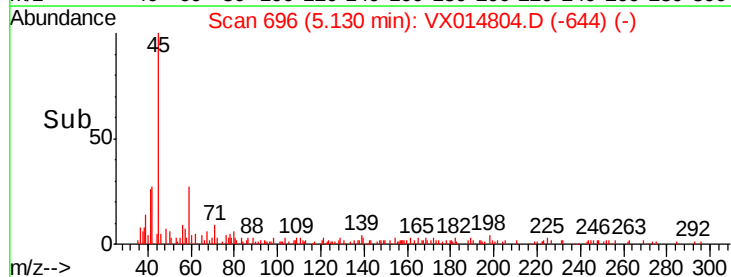
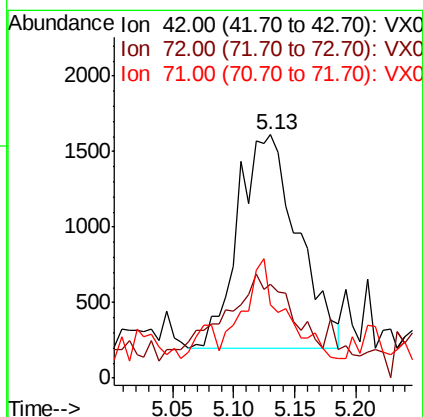
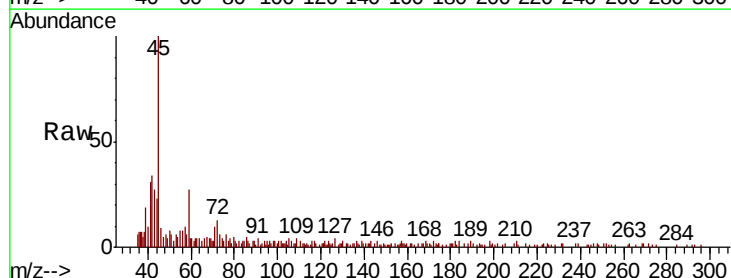
Instrument :
MSVOA_X
ClientSampled :
COMP-11

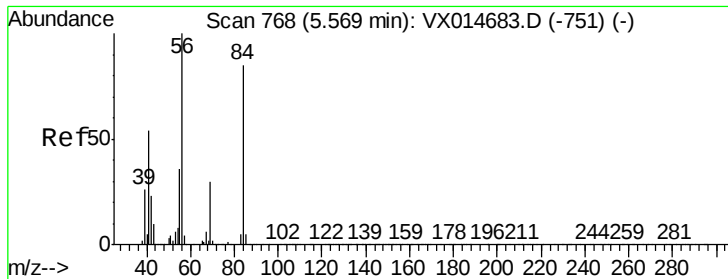
Tot Ion: 43 Resp: 363585
Ion Ratio Lower Upper
43 100
72 26.4 19.9 29.9



#29
Tetrahydrofuran
Concen: 2.061 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

Tgt Ion: 42 Resp: 4828
Ion Ratio Lower Upper
42 100
72 34.6 35.3 52.9#
71 30.2 33.1 49.7#





#31

Cyclohexane

Concen: 0.330 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX014804.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

COMP-11

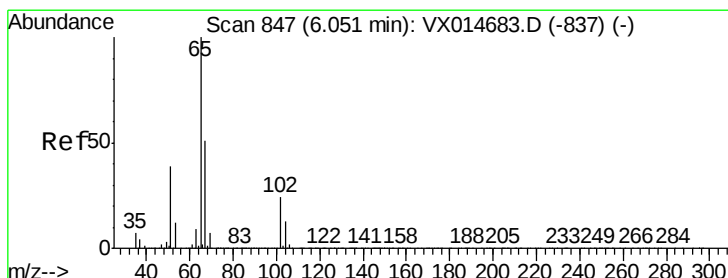
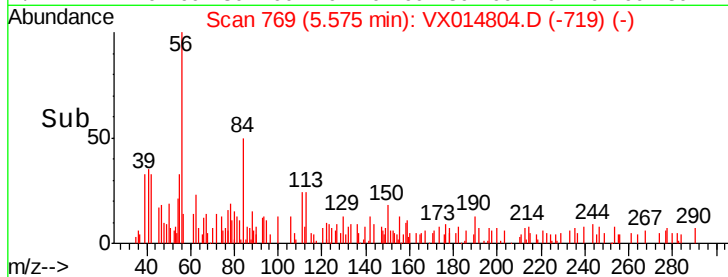
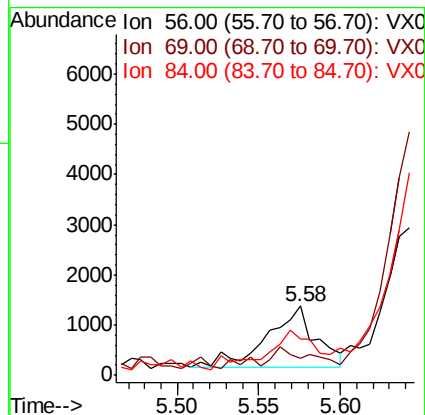
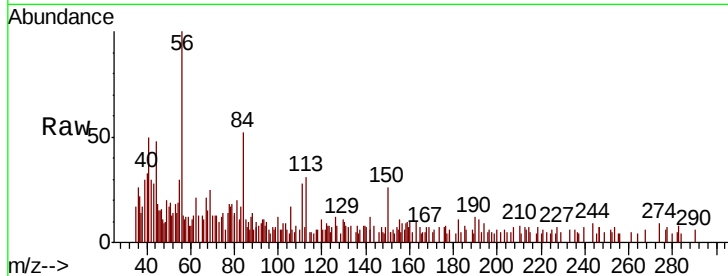
Tot Ion: 56 Resp: 2581

Ion Ratio Lower Upper

56 100

69 9.6 23.4 35.2#

84 35.6 68.4 102.6#



#33

1,2-Dichloroethane-d4

Concen: 49.508 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014804.D

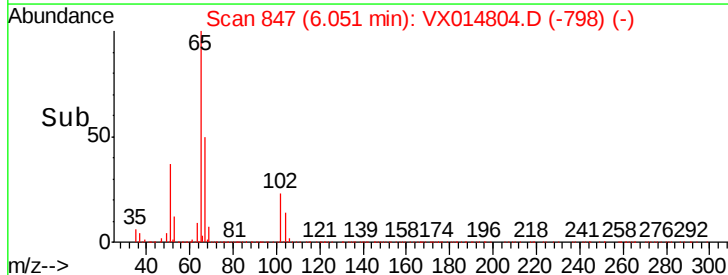
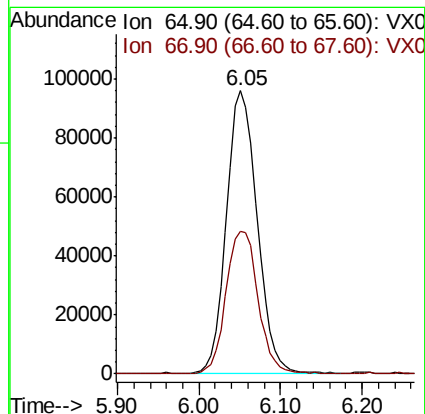
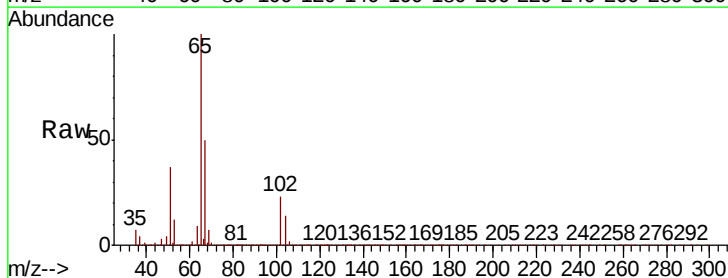
Acq: 04 Feb 2020 13:16

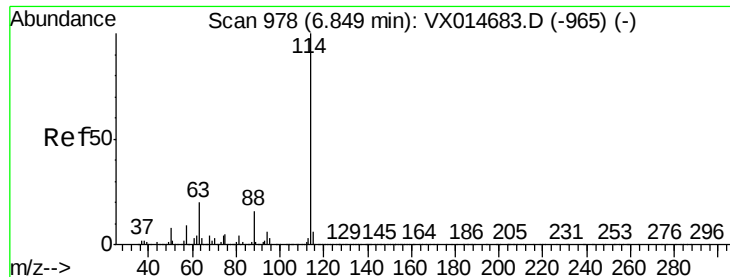
Tgt Ion: 65 Resp: 248873

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014804.D

Acq: 04 Feb 2020 13:16

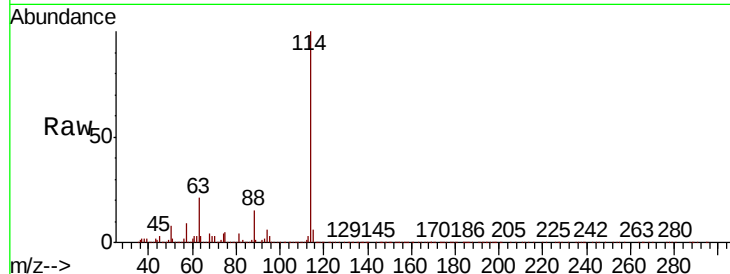
Instrument :

MSVOA_X

ClientSampleId :

COMP-11

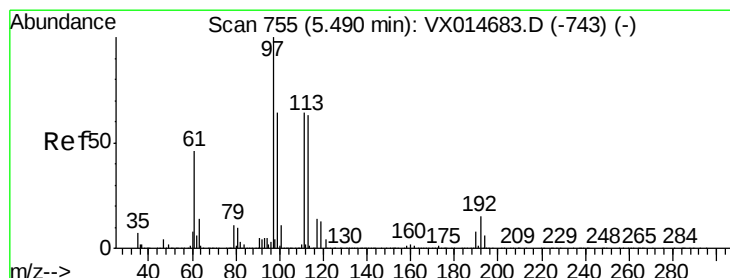
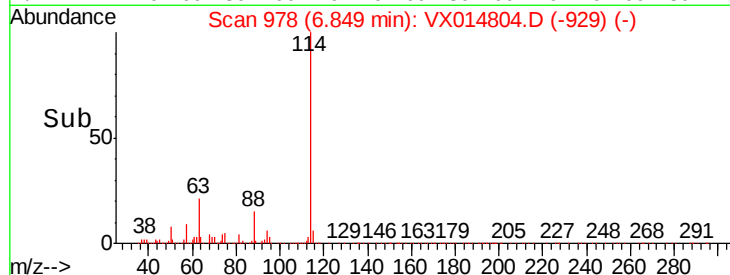
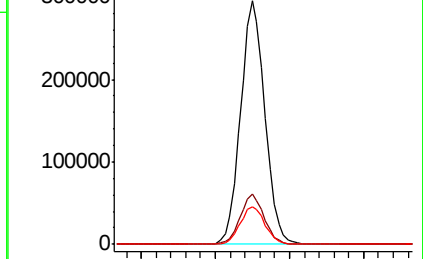
Tot Ion:	114	Resp:	675657
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.6
88	15.4	0.0	31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.755 ug/l

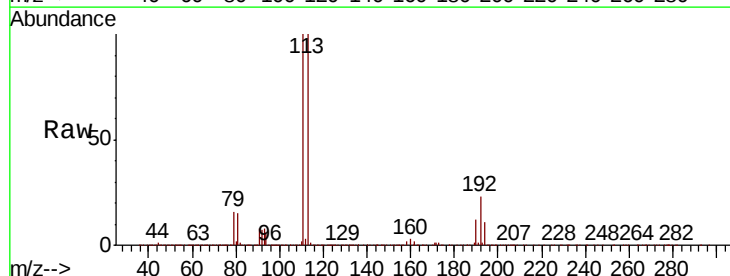
RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014804.D

Acq: 04 Feb 2020 13:16

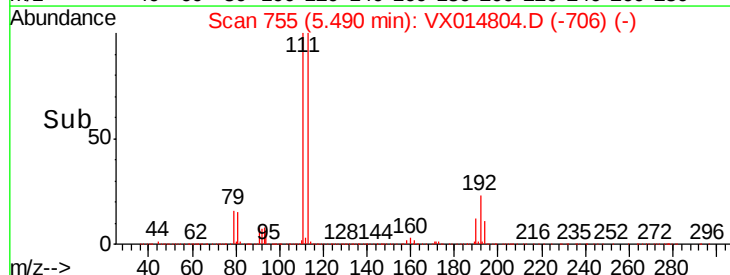
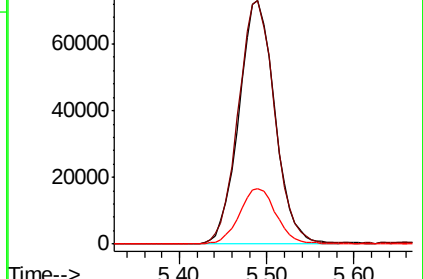
Tgt Ion:	113	Resp:	207859
Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.7	121.1
192	23.4	18.5	27.7

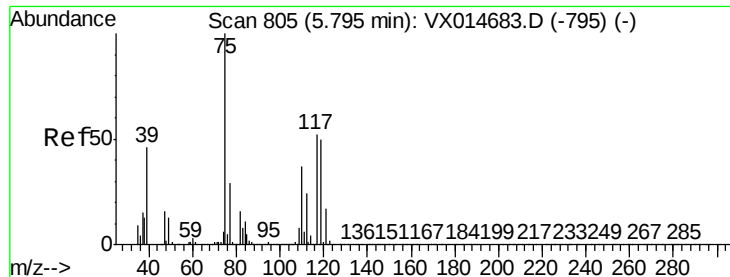


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

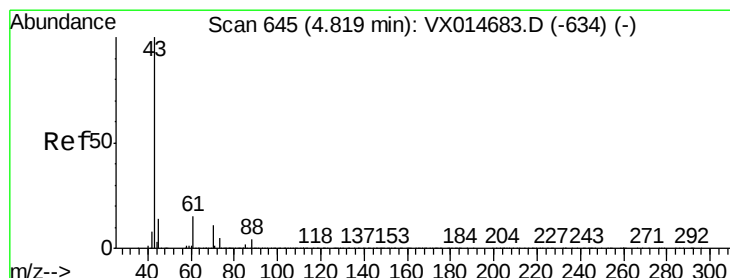
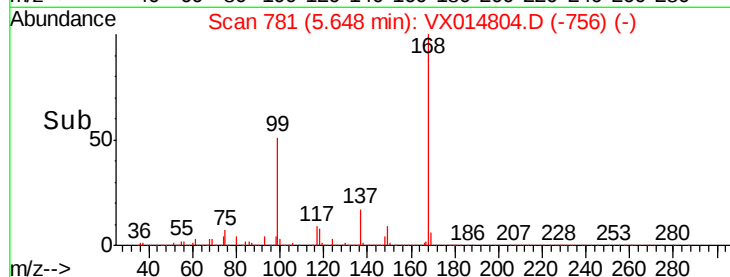
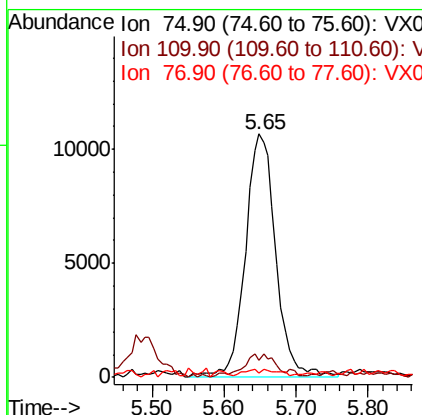
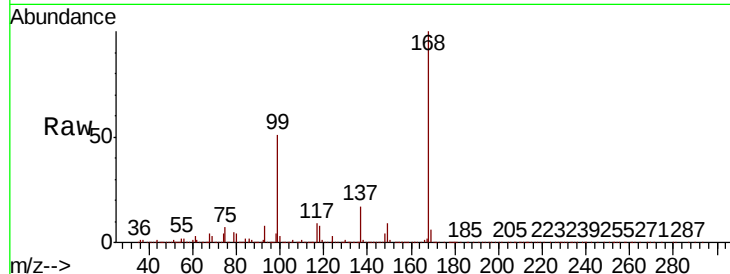




#36
 1,1-Dichloropropene
 Concen: 4.987 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.15 min
 Lab File: VX014804.D
 Acq: 04 Feb 2020 13:16

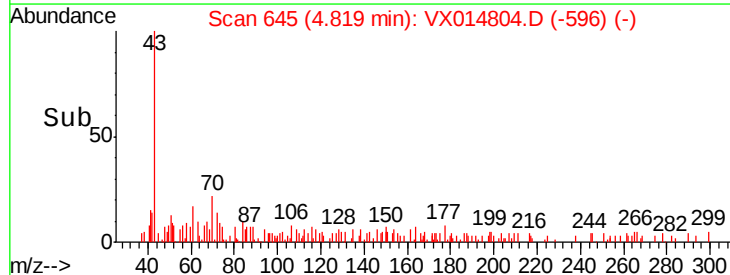
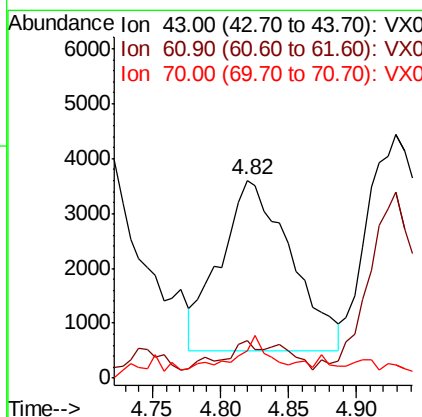
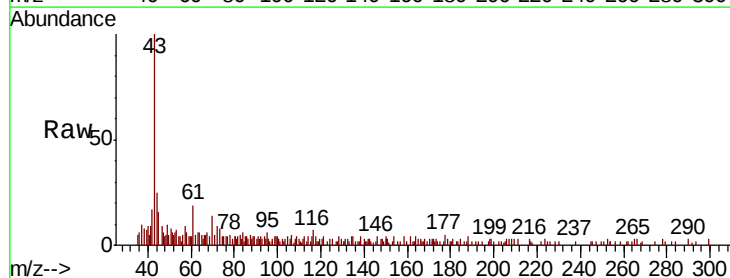
Instrument :
 MSVOA_X
 ClientSampled :
 COMP-11

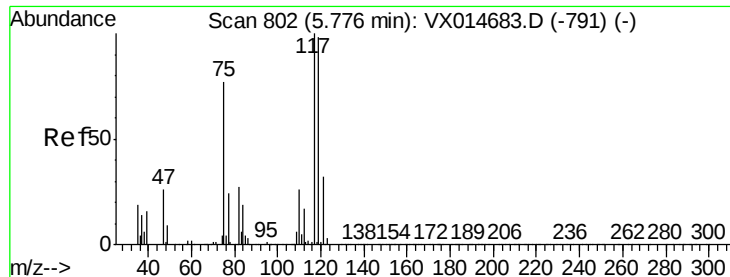
Tot Ion	Ratio	Lower	Upper
75	100		
110	5.5	17.9	53.7#
77	1.2	24.1	36.1#



#37
 Ethyl Acetate
 Concen: 1.560 ug/l
 RT: 4.82 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: VX014804.D
 Acq: 04 Feb 2020 13:16

Tgt Ion	Ratio	Lower	Upper
43	100		
61	3.8	11.0	16.4#
70	5.7	8.5	12.7#





#38

Carbon Tetrachloride

Concen: 6.460 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX014804.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_X

ClientSampled :

COMP-11

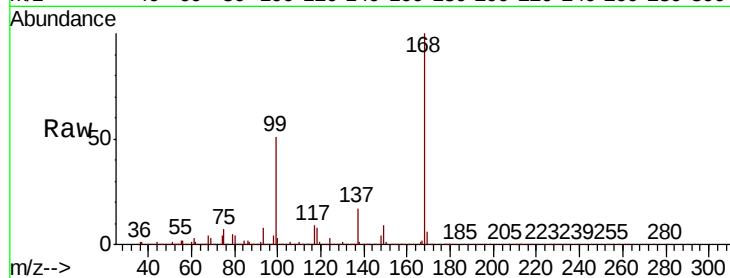
Tot Ion:117 Resp: 38731

Ion Ratio Lower Upper

117 100

119 5.9 77.9 116.9#

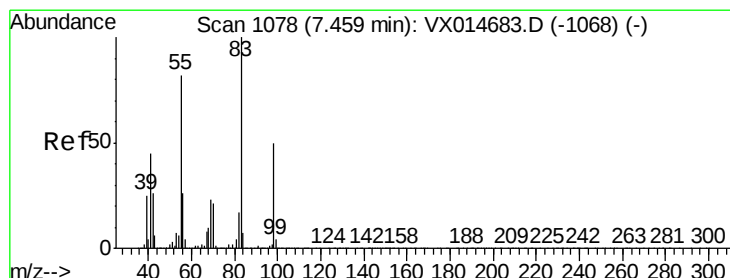
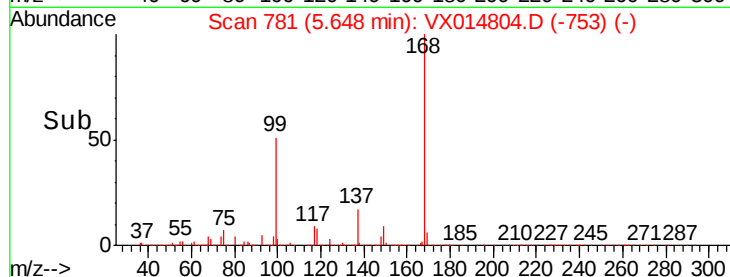
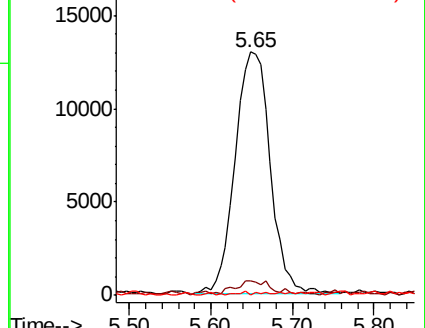
121 0.0 25.4 38.2#



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: 0.271 ug/l

RT: 7.47 min Scan# 1079

Delta R.T. 0.01 min

Lab File: VX014804.D

Acq: 04 Feb 2020 13:16

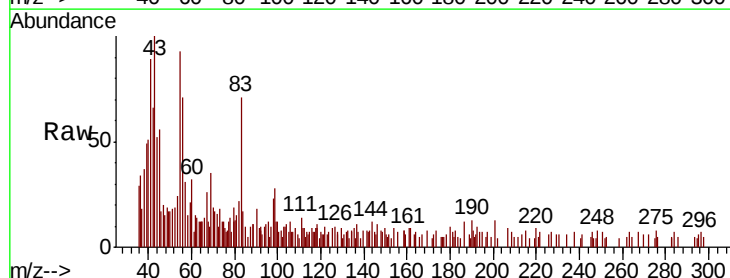
Tgt Ion: 83 Resp: 2131

Ion Ratio Lower Upper

83 100

55 118.1 65.6 98.4#

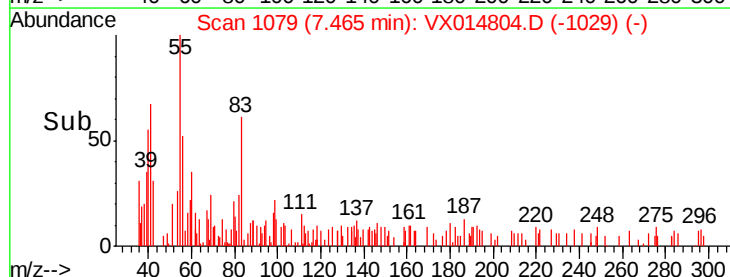
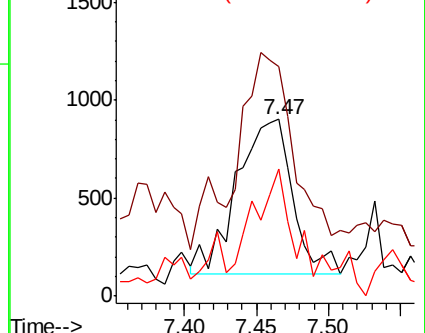
98 71.5 40.2 60.4#

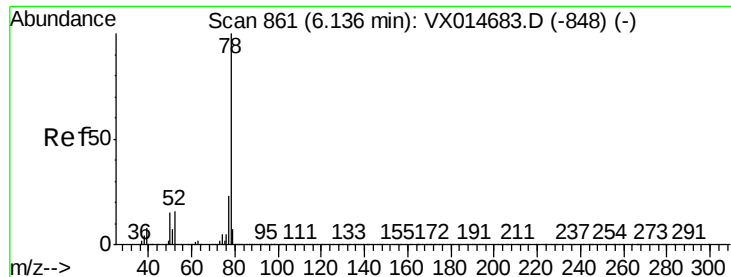


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 10.946 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.00 min

Lab File: VX014804.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

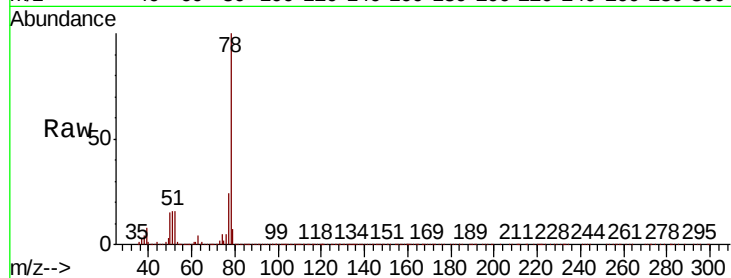
COMP-11

Tot Ion: 78 Resp: 212333

Ion Ratio Lower Upper

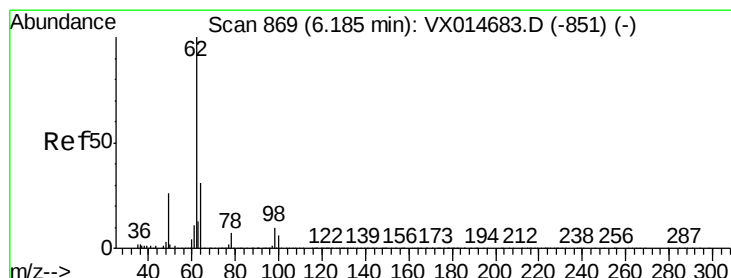
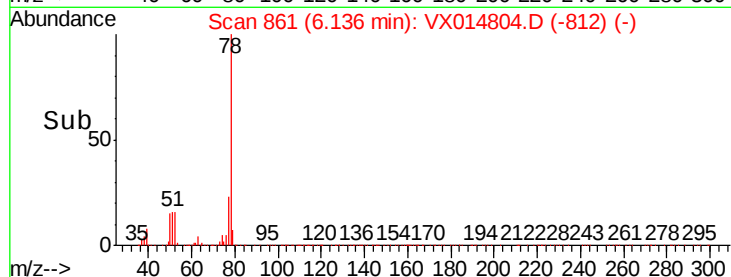
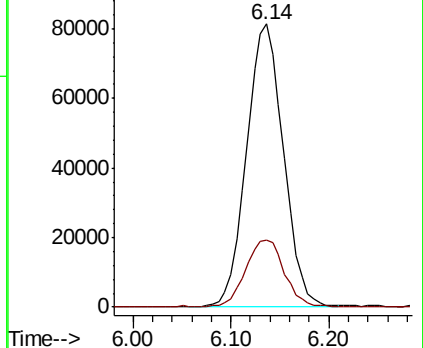
78 100

77 23.4 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 0.371 ug/l

RT: 6.15 min Scan# 864

Delta R.T. -0.03 min

Lab File: VX014804.D

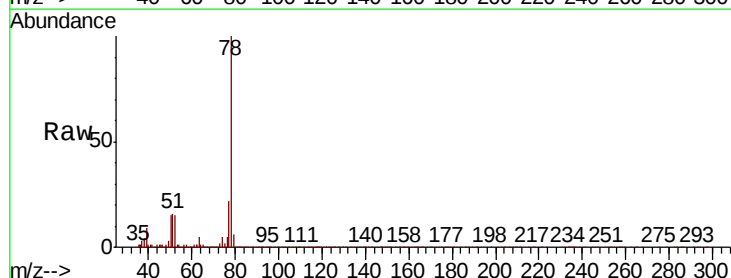
Acq: 04 Feb 2020 13:16

Tgt Ion: 62 Resp: 2487

Ion Ratio Lower Upper

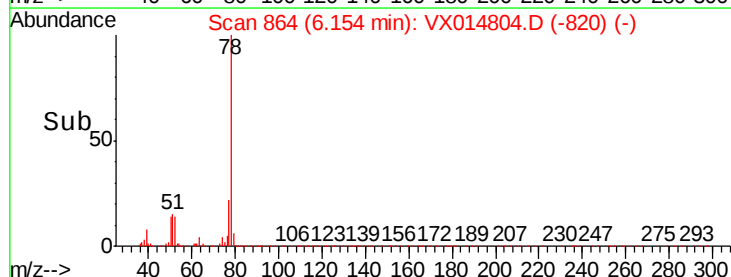
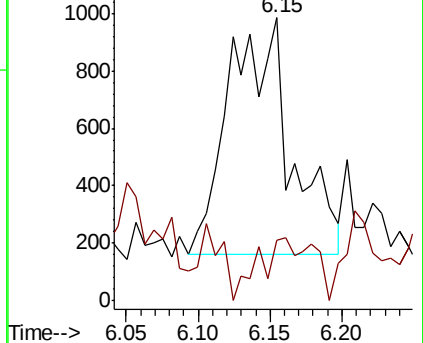
62 100

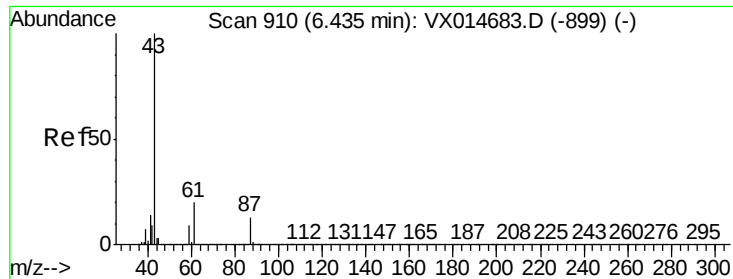
98 22.9 0.0 20.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

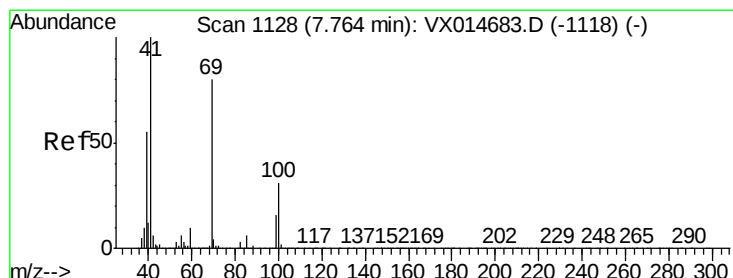
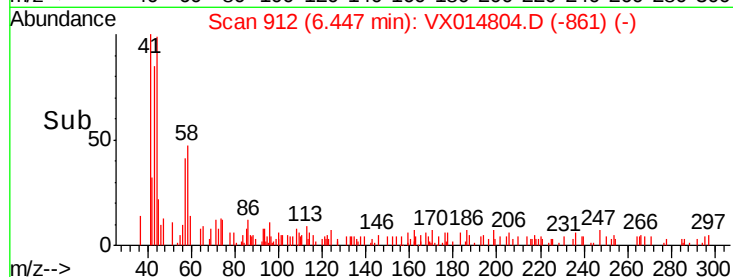
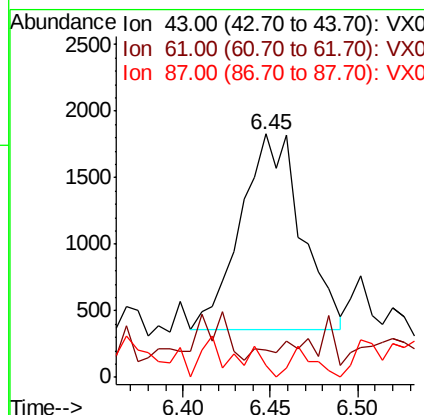
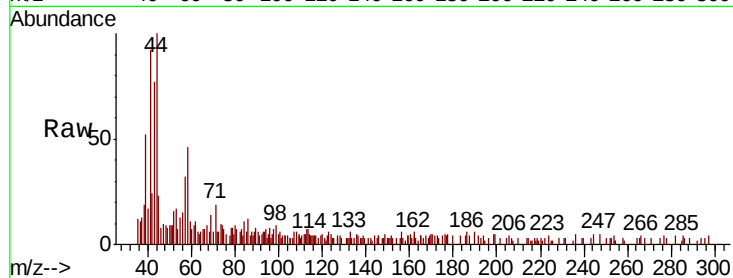




#43
Isopropyl Acetate
Concen: 0.302 ug/l
RT: 6.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

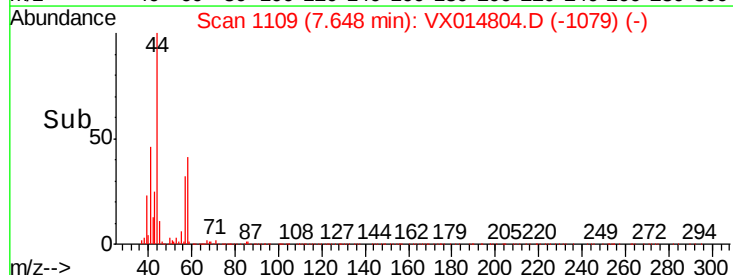
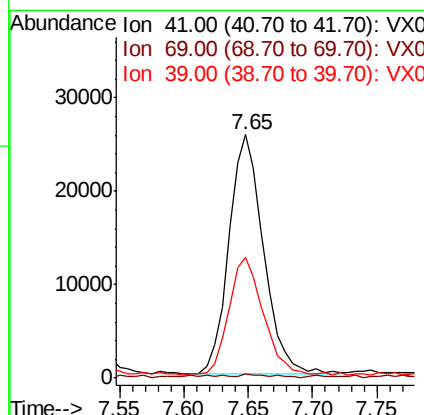
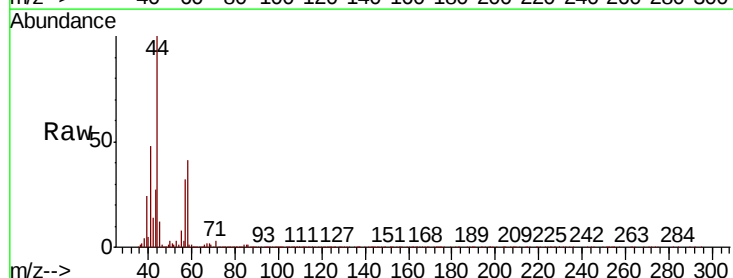
Instrument :
MSVOA_X
ClientSampleId :
COMP-11

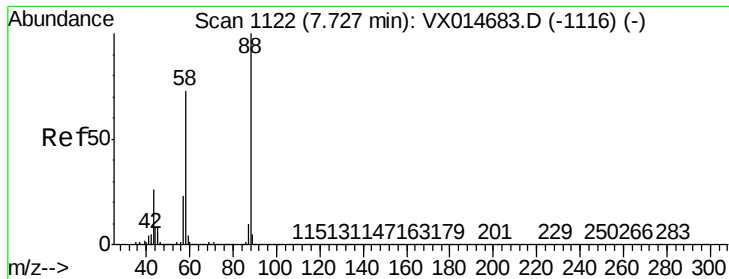
Tot Ion: 43 Resp: 3556
Ion Ratio Lower Upper
43 100
61 4.5 16.2 24.4#
87 6.0 10.5 15.7#



#48
Methyl methacrylate
Concen: 8.534 ug/l
RT: 7.65 min Scan# 1109
Delta R.T. -0.12 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

Tgt Ion: 41 Resp: 48015
Ion Ratio Lower Upper
41 100
69 0.6 63.5 95.3#
39 49.3 43.7 65.5





#49

1,4-Dioxane

Concen: 46.278 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VX014804.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_X

ClientSampled :

COMP-11

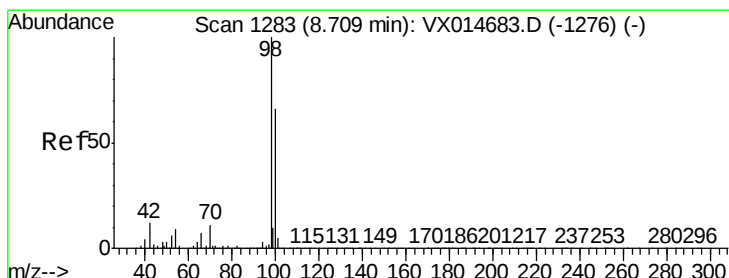
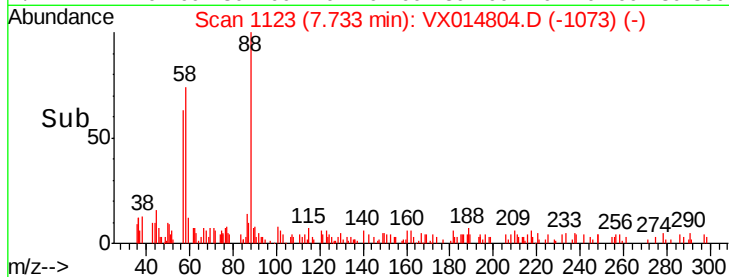
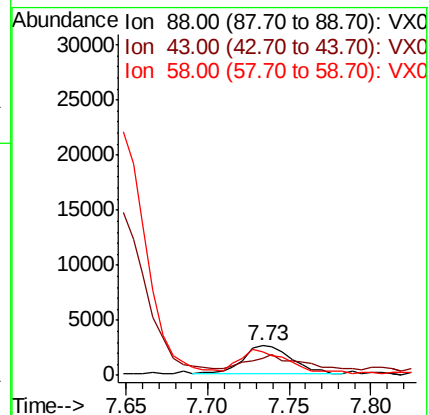
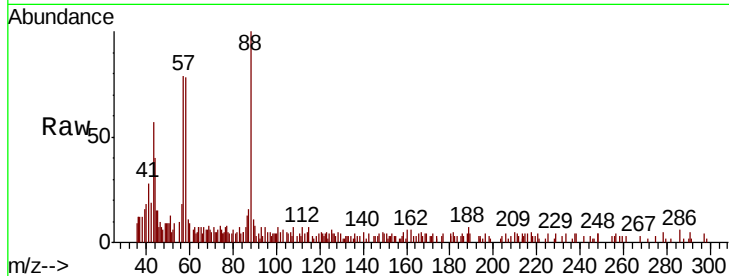
Tot Ion: 88 Resp: 5519

Ion Ratio Lower Upper

88 100

43 49.2 26.2 39.2#

58 77.1 56.6 85.0



#50

Toluene-d8

Concen: 49.510 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014804.D

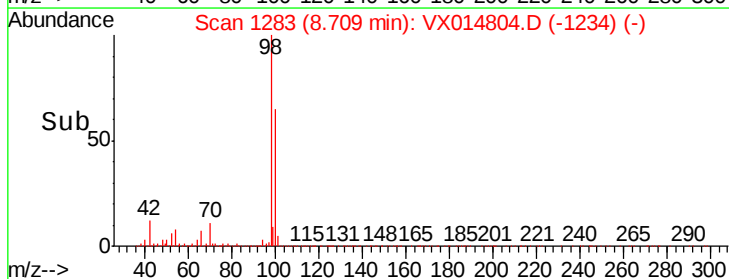
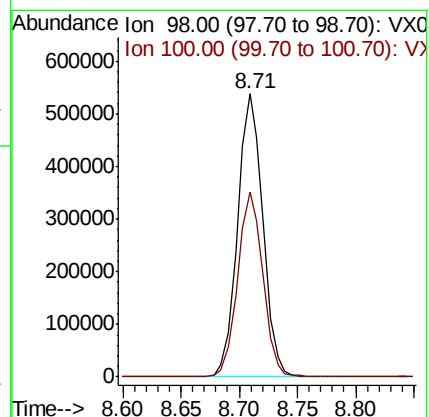
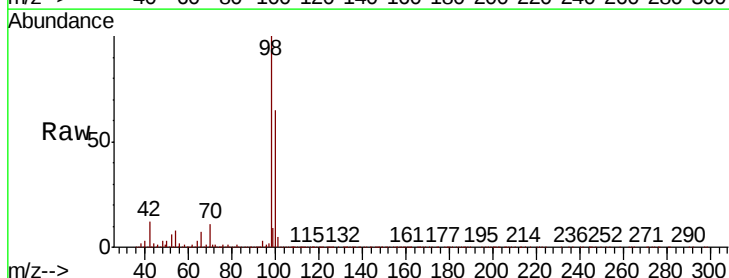
Acq: 04 Feb 2020 13:16

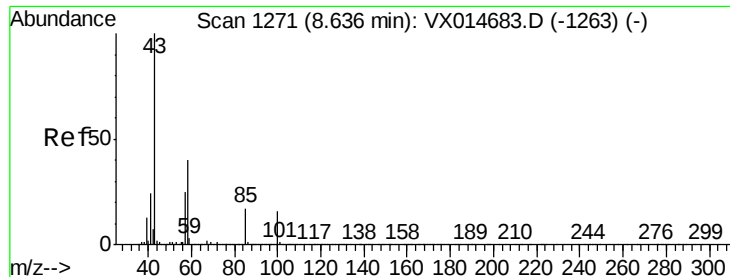
Tgt Ion: 98 Resp: 811465

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 0.347 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014804.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

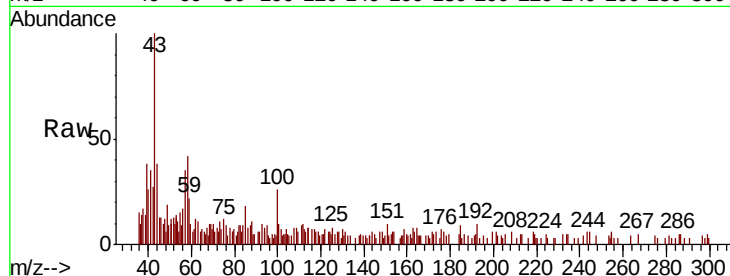
COMP-11

Tot Ion: 43 Resp: 2582

Ion Ratio Lower Upper

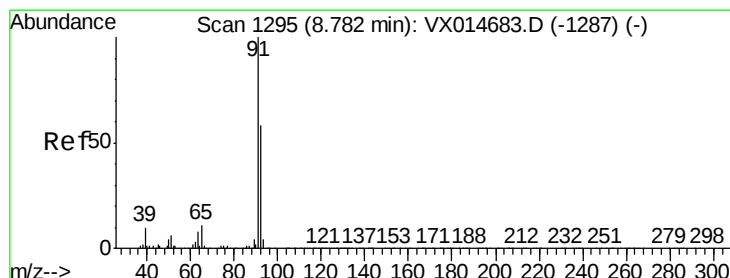
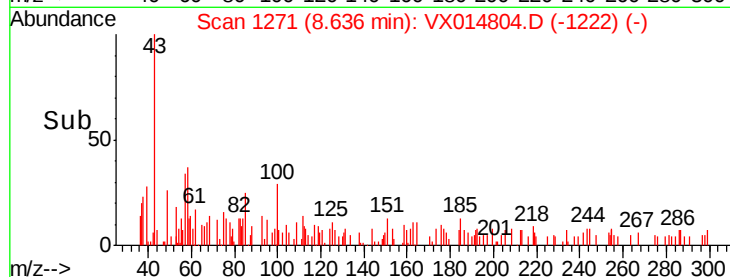
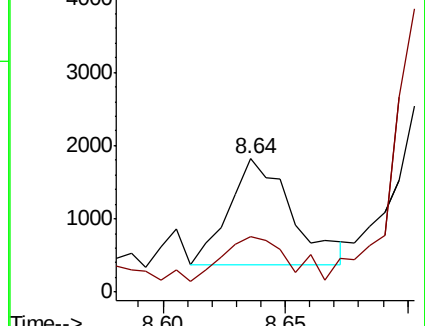
43 100

58 44.7 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 15.233 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014804.D

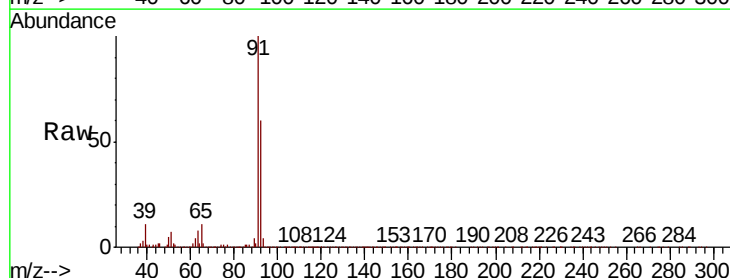
Acq: 04 Feb 2020 13:16

Tgt Ion: 92 Resp: 181647

Ion Ratio Lower Upper

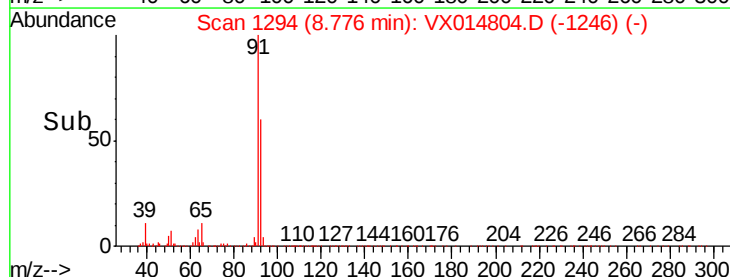
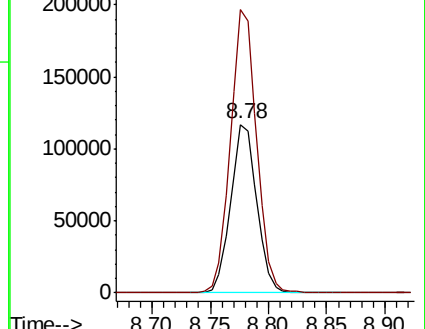
92 100

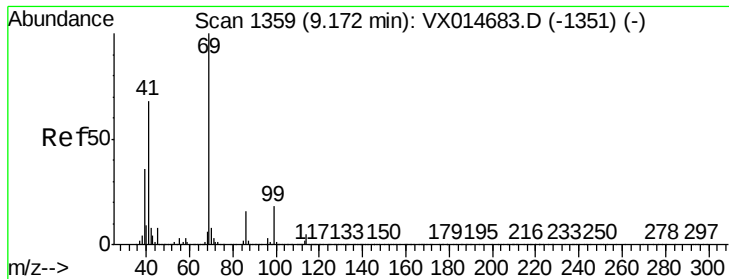
91 168.8 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#56

Ethyl methacrylate

Concen: 1.803 ug/l

RT: 9.17 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VX014804.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_X

ClientSampled :

COMP-11

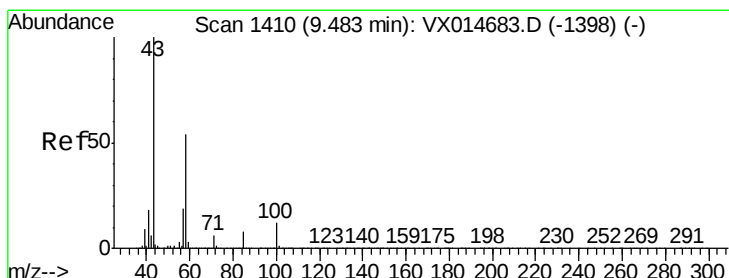
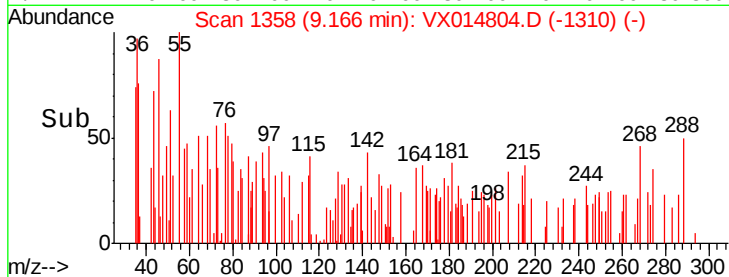
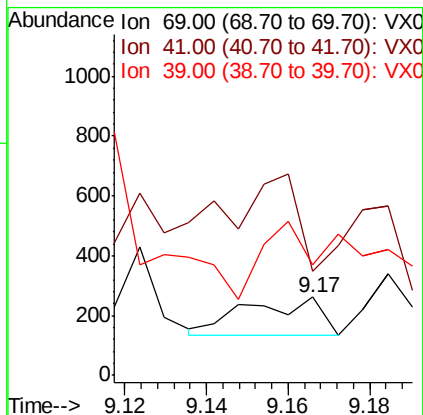
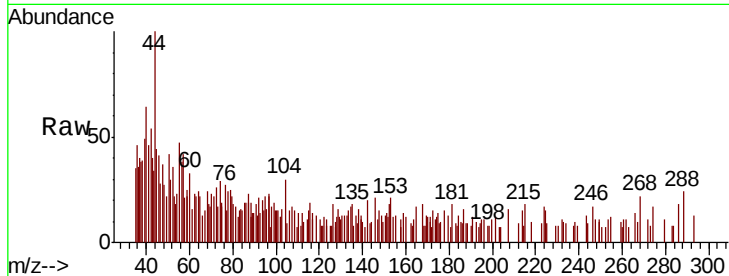
Tot Ion: 69 Resp: 157

Ion Ratio Lower Upper

69 100

41 0.0 54.9 82.3#

39 284.1 29.3 43.9#



#59

2-Hexanone

Concen: 0.668 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX014804.D

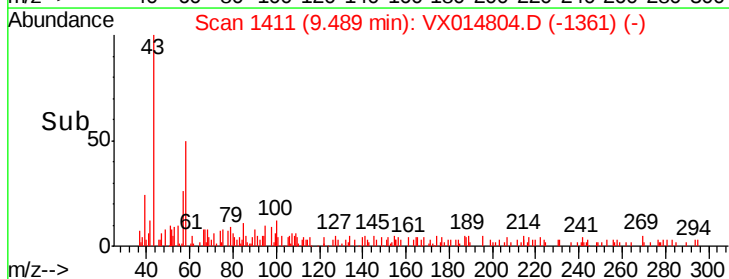
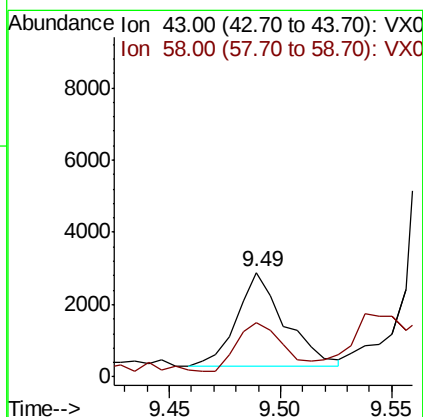
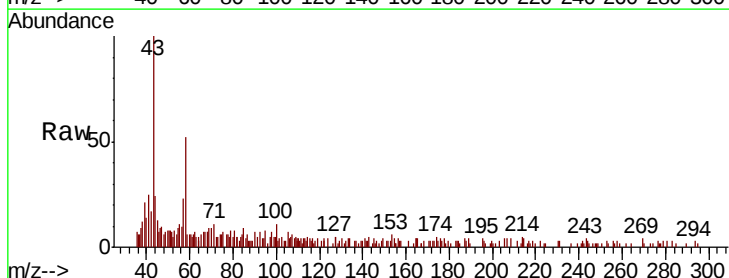
Acq: 04 Feb 2020 13:16

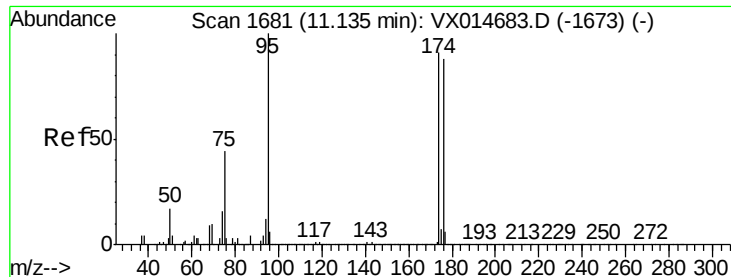
Tgt Ion: 43 Resp: 3855

Ion Ratio Lower Upper

43 100

58 51.6 27.2 81.5

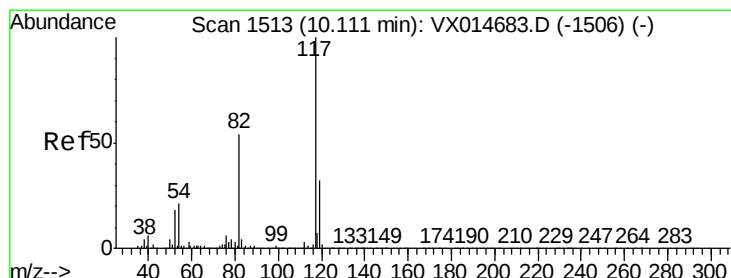
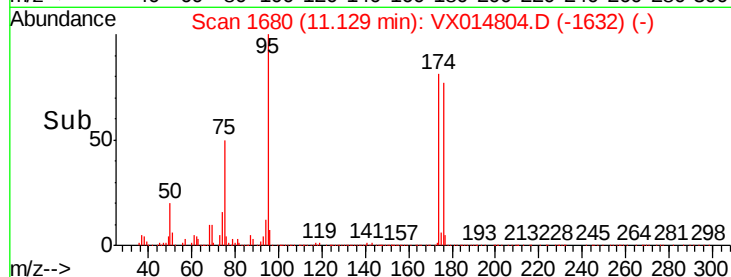
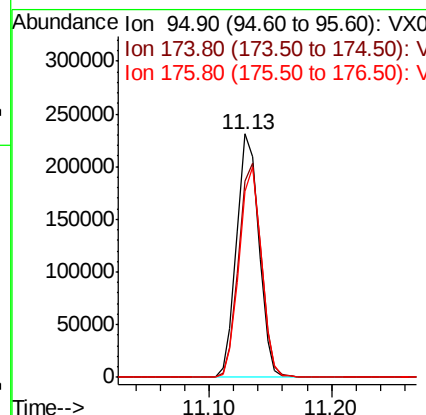
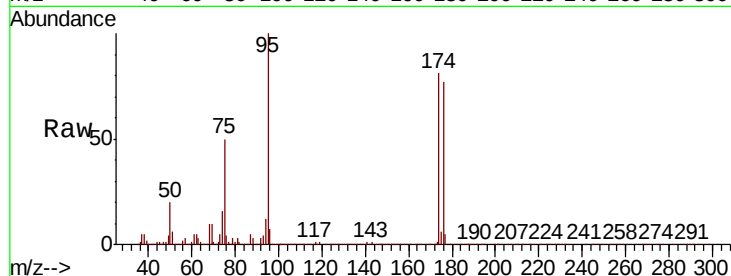




#62
4-Bromofluorobenzene
Concen: 49.832 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

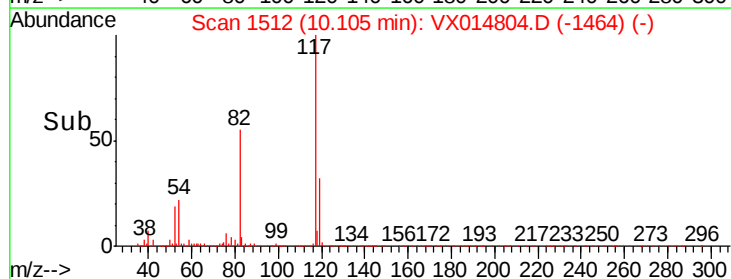
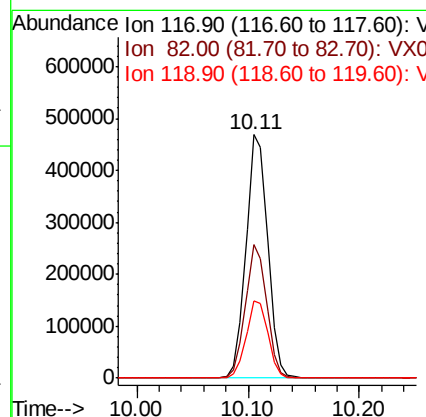
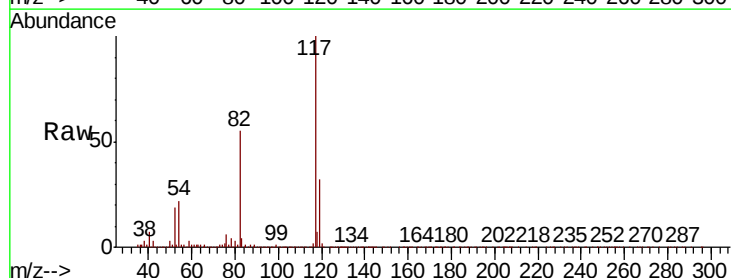
Instrument :
MSVOA_X
ClientSampled :
COMP-11

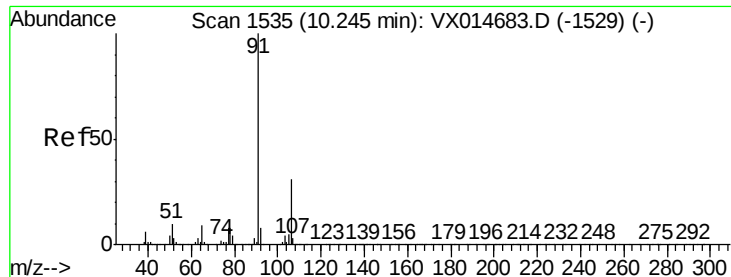
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	176.0
176	86.2	0.0	172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.2	64.8
119	31.6	25.8	38.6





#67

Ethyl Benzene

Concen: 0.405 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014804.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

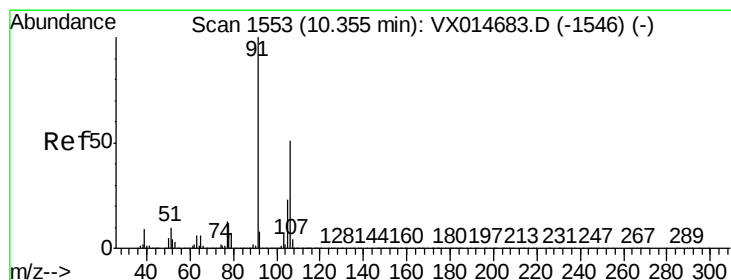
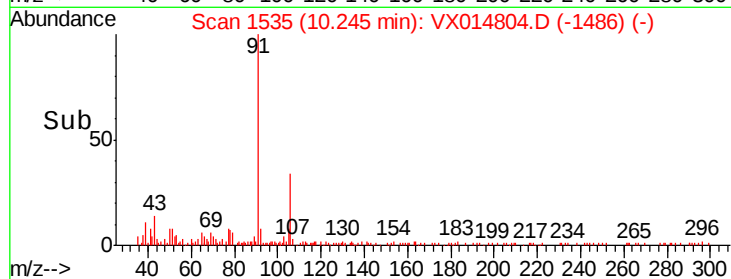
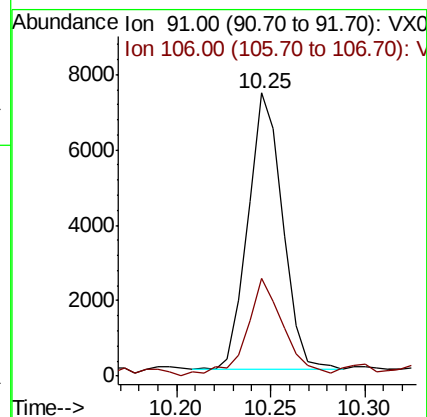
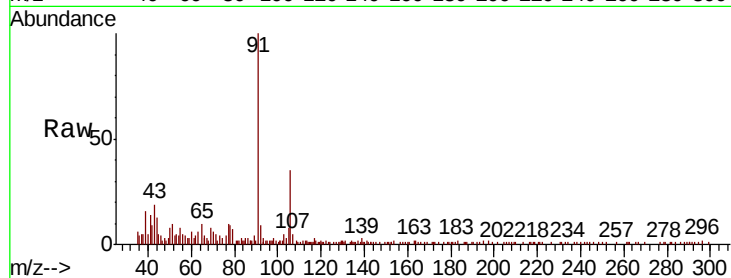
COMP-11

Tot Ion: 91 Resp: 9374

Ion Ratio Lower Upper

91 100

106 33.6 24.9 37.3



#68

m/p-Xylenes

Concen: 1.805 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014804.D

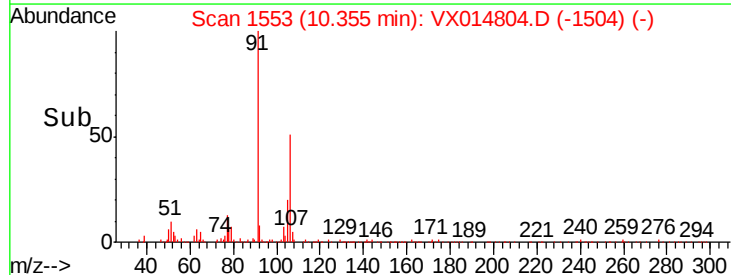
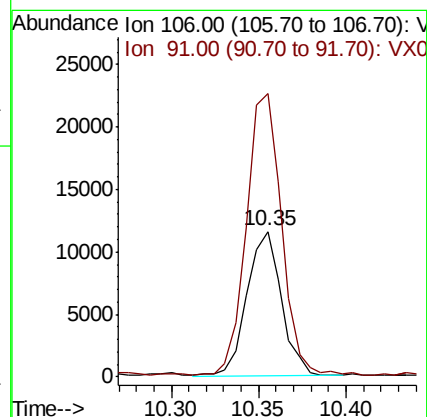
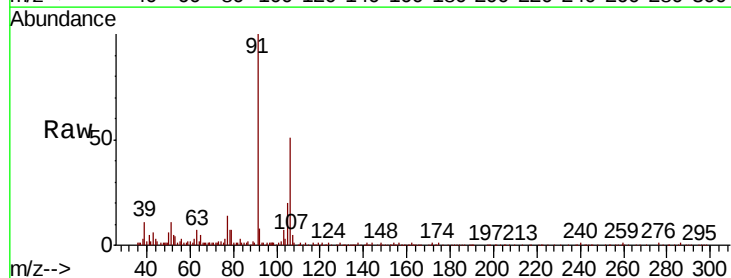
Acq: 04 Feb 2020 13:16

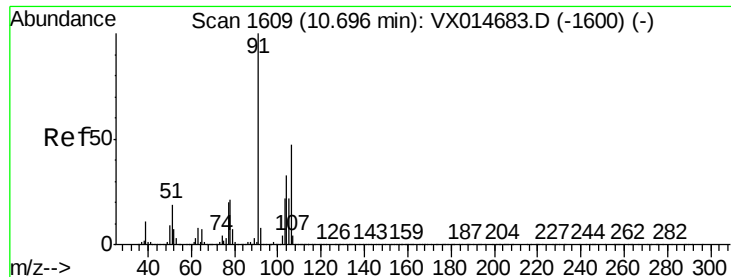
Tgt Ion: 106 Resp: 15820

Ion Ratio Lower Upper

106 100

91 196.8 159.4 239.2

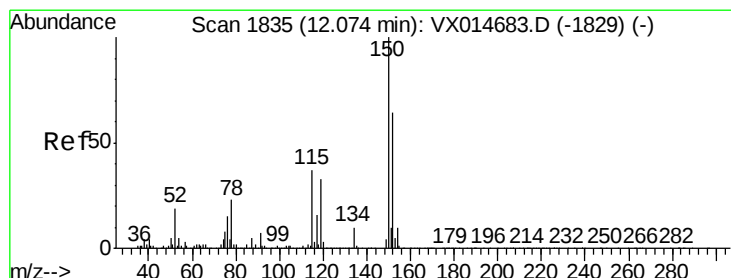
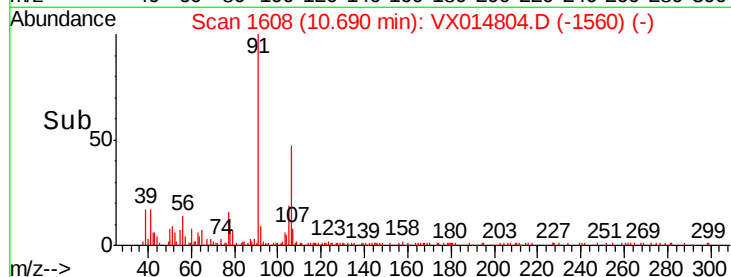
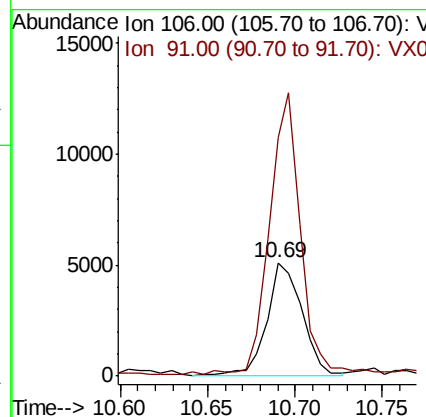
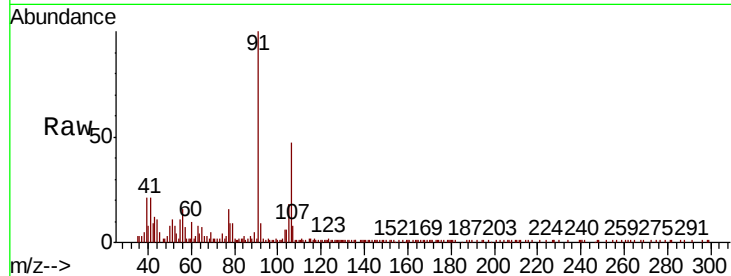




#69
o-Xylene
Concen: 0.861 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

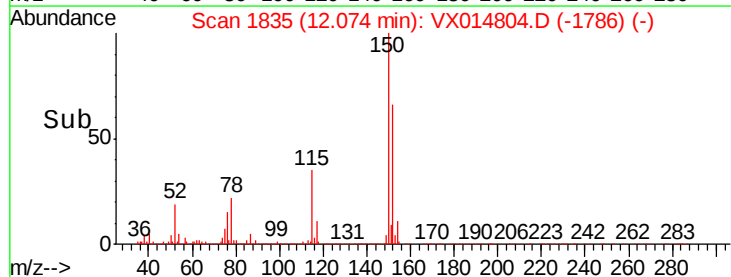
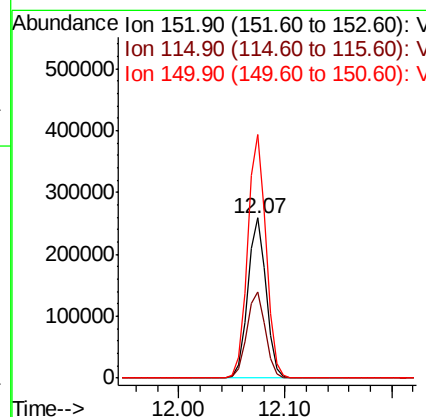
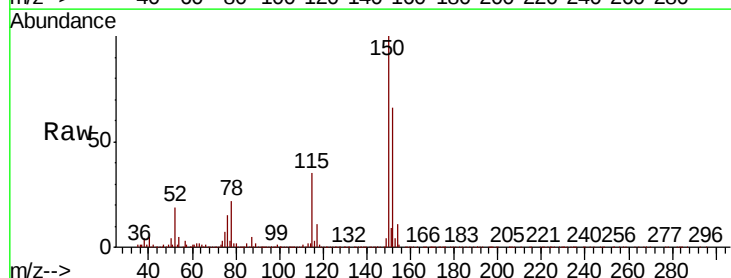
Instrument :
MSVOA_X
ClientSampled :
COMP-11

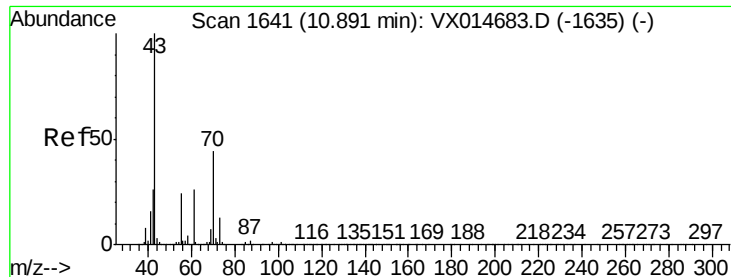
Tot Ion:106 Resp: 7283
Ion Ratio Lower Upper
106 100
91 216.2 106.2 318.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

Tgt Ion:152 Resp: 310379
Ion Ratio Lower Upper
152 100
115 55.0 39.4 118.1
150 153.3 0.0 351.2





#74

N-amvl acetate

Concen: 1.523 ug/l

RT: 10.90 min Scan# 1643

Delta R.T. 0.01 min

Lab File: VX014804.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

COMP-11

Tot Ion: 43 Resp: 14565

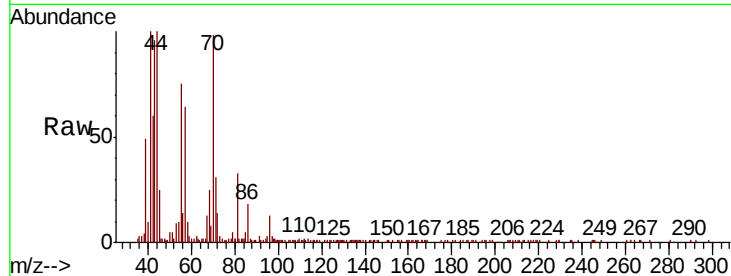
Ion Ratio Lower Upper

43 100

70 115.8 34.6 52.0#

55 77.3 19.4 29.2#

61 0.0 19.8 29.6#

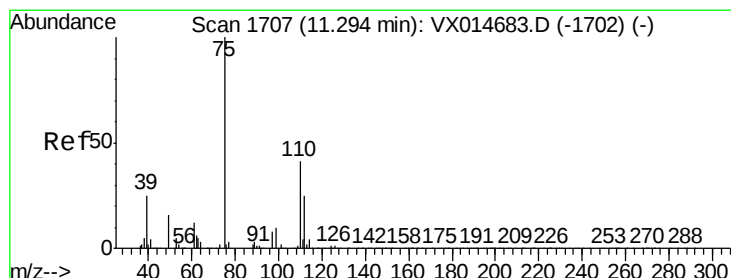
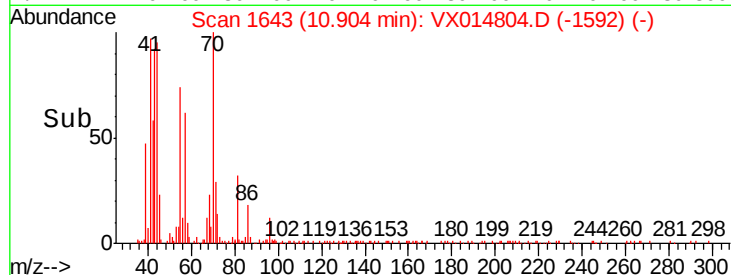
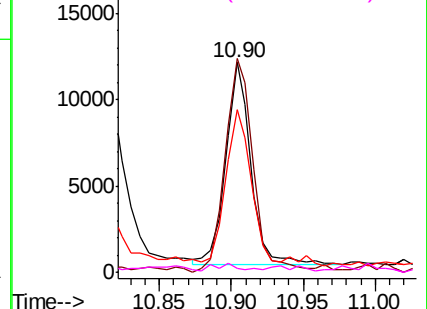


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 20.032 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014804.D

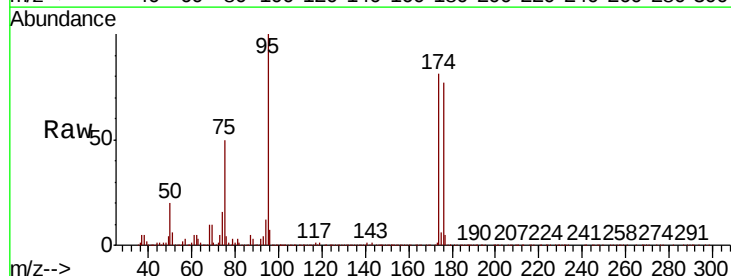
Acq: 04 Feb 2020 13:16

Tgt Ion: 75 Resp: 144652

Ion Ratio Lower Upper

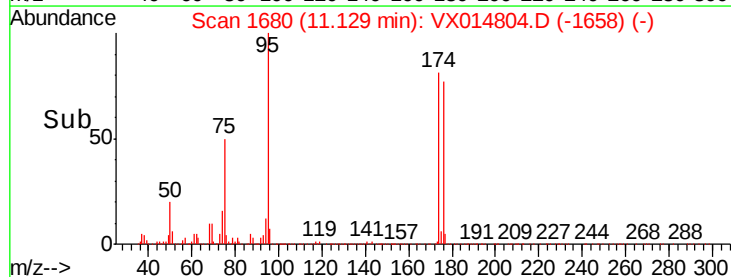
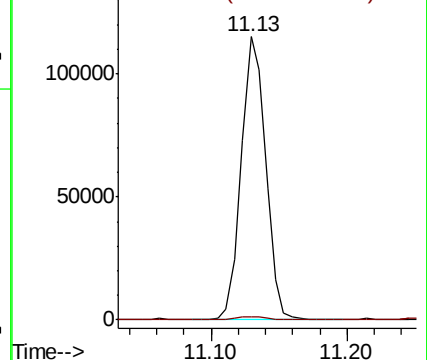
75 100

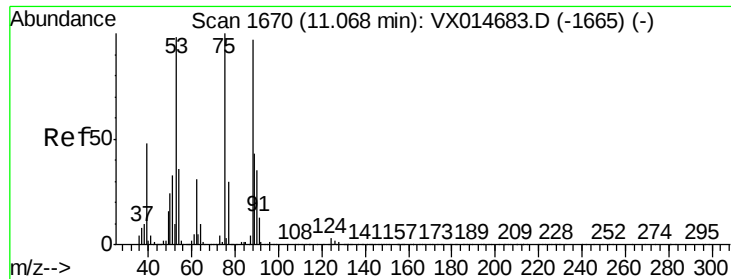
77 1.2 18.7 56.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

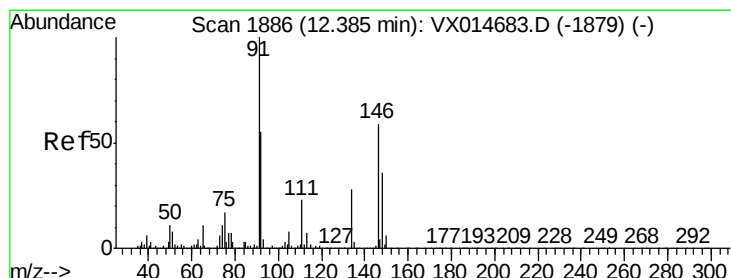
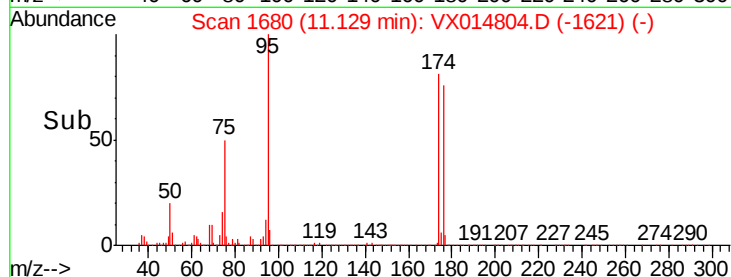
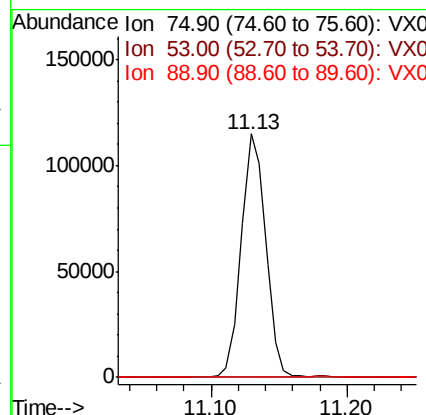
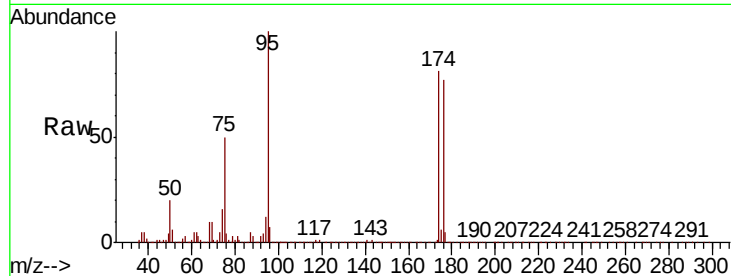




#81
trans-1,4-Dichloro-2-butene
Concen: 57.006 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

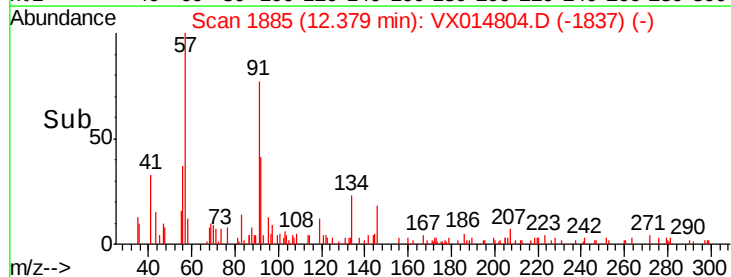
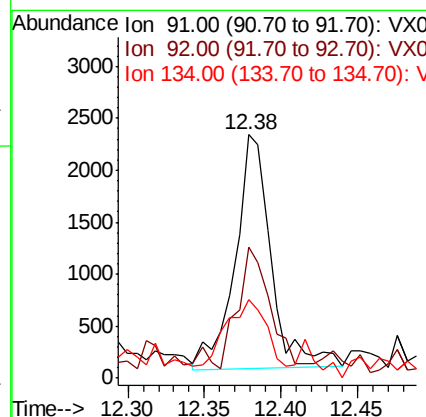
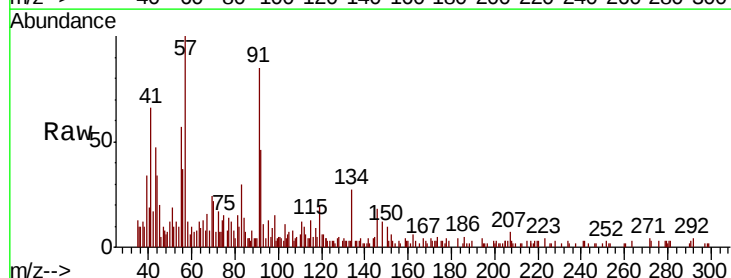
Instrument :
MSVOA_X
ClientSampleId :
COMP-11

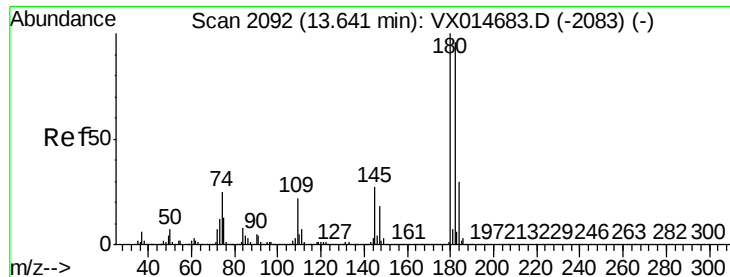
Tot Ion: 75 Resp: 144652
Ion Ratio Lower Upper
75 100
53 0.0 78.8 118.2#
89 0.0 35.4 53.0#



#89
n-Butylbenzene
Concen: 0.219 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014804.D
Acq: 04 Feb 2020 13:16

Tgt Ion: 91 Resp: 3683
Ion Ratio Lower Upper
91 100
92 49.9 27.6 82.7
134 35.0 13.3 39.8

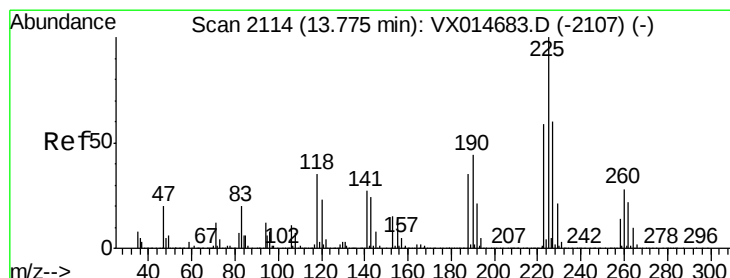
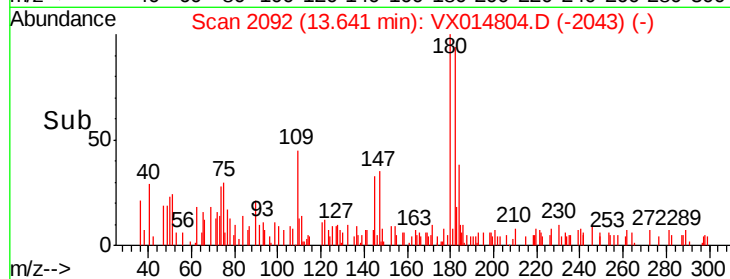
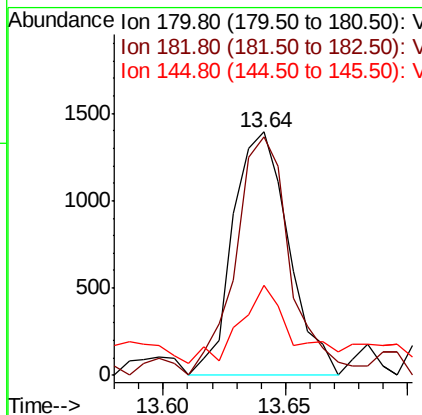
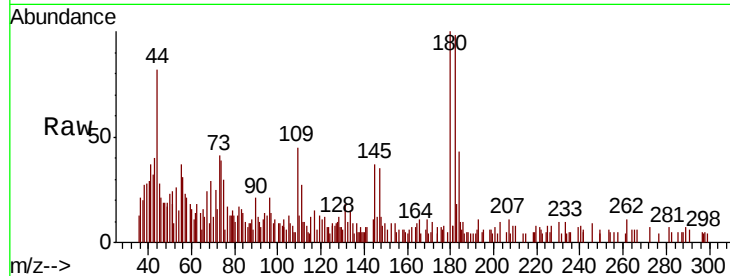




#93
 1,2,4-Trichlorobenzene
 Concen: 0.328 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014804.D
 Acq: 04 Feb 2020 13:16

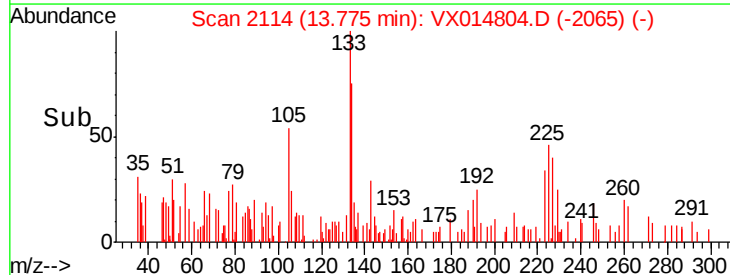
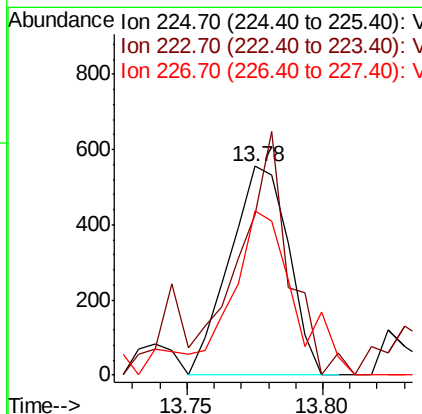
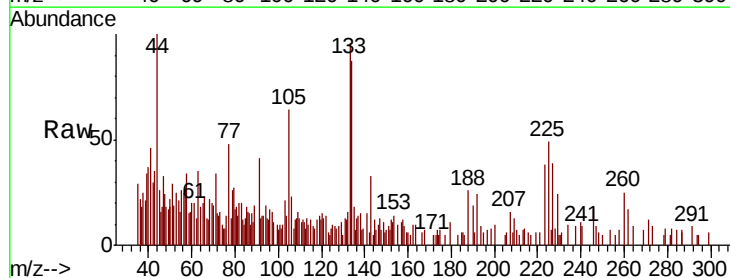
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-11

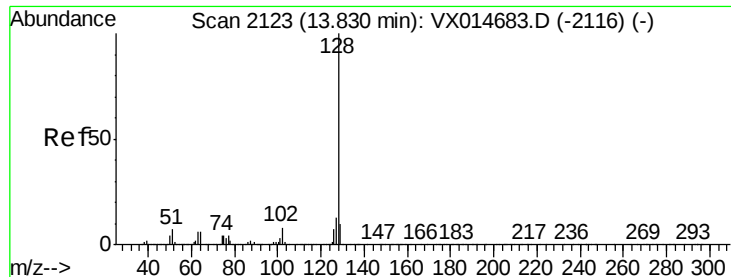
Tot Ion:180 Resp: 2213
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.5 145.6
 145 30.0 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 0.240 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014804.D
 Acq: 04 Feb 2020 13:16

Tgt Ion:225 Resp: 834
 Ion Ratio Lower Upper
 225 100
 223 97.0 30.6 91.8#
 227 90.0 31.4 94.0





#95

Naphthalene

Concen: 1.403 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014804.D

Acq: 04 Feb 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

COMP-11

Tot Ion:128 Resp: 10453

Ion Ratio Lower Upper

128 100

127 18.7 10.3 15.5#

129 13.1 8.6 12.8#

