

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX053119\
 Data File : VX009979.D
 Acq On : 31 May 2019 12:24
 Operator : JC/SP
 Sample : K2964-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-2

Quant Time: May 31 12:51:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	176249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	282569	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	261697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124000	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119860	48.14	ug/l	0.00
Spiked Amount						
			Recovery	=	96.28%	
35) Dibromofluoromethane	5.50	113	86936	48.94	ug/l	0.00
Spiked Amount						
			Recovery	=	97.88%	
50) Toluene-d8	8.71	98	363536	50.39	ug/l	0.00
Spiked Amount						
			Recovery	=	100.78%	
62) 4-Bromofluorobenzene	11.13	95	128950	49.77	ug/l	0.00
Spiked Amount						
			Recovery	=	99.54%	

Target Compounds						Qvalue
3) Chloromethane	1.33	50	3110	1.074	ug/l #	53
10) Methyl Iodide	2.52	142	275	4.772	ug/l #	82
11) Tert butyl alcohol	3.05	59	22505	36.731	ug/l	95
13) Acrolein	2.29	56	372	21.881	ug/l #	14
14) Allyl chloride	2.63	41	396122	91.309	ug/l #	65
16) Acetone	2.45	43	8368495	5817.622	ug/l	94
17) Carbon Disulfide	2.57	76	17624	3.620	ug/l	99
18) Methyl Acetate	2.78	43	481630	143.894	ug/l	98
20) Methylene Chloride	2.85	84	2718	1.234	ug/l	91
22) Diisopropyl ether	3.99	45	95313	11.547	ug/l #	1
23) Vinyl Acetate	3.99	43	209411	28.240	ug/l #	77
25) 2-Butanone	4.68	43	152650	68.113	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	693	0.302	ug/l #	10
29) Tetrahydrofuran	5.15	42	1946	1.354	ug/l #	79
36) 1,1-Dichloropropene	5.66	75	14530	5.068	ug/l #	50
37) Ethyl Acetate	4.83	43	415645	104.047	ug/l	99
38) Carbon Tetrachloride	5.66	117	17119	6.910	ug/l #	15
40) Benzene	6.15	78	1812	0.213	ug/l #	84
43) Isopropyl Acetate	6.45	43	9590	1.488	ug/l	98
44) Trichloroethene	7.21	130	826	0.400	ug/l	89
48) Methyl methacrylate	7.77	41	2615	0.820	ug/l #	62
49) 1,4-Dioxane	7.74	88	3425	57.705	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	85186	20.316	ug/l	99
52) Toluene	8.78	92	38261	7.409	ug/l	98
56) Ethyl methacrylate	9.18	69	885	0.239	ug/l #	19
59) 2-Hexanone	9.44	43	265077	82.112	ug/l #	28
60) Dibromochloromethane	9.34	129	6371	3.116	ug/l #	11
64) Tetrachloroethene	9.34	164	6921	3.786	ug/l	96
67) Ethyl Benzene	10.25	91	18044	1.834	ug/l	99
68) m/p-Xylenes	10.35	106	23906	6.578	ug/l	99
69) o-Xylene	10.69	106	12473	3.579	ug/l	96
73) Isopropylbenzene	11.02	105	2829	0.309	ug/l	92
74) N-amyl acetate	10.91	43	17514	3.204	ug/l #	38
76) 1,2,3-Trichloropropane	11.13	75	67286	22.692	ug/l #	34

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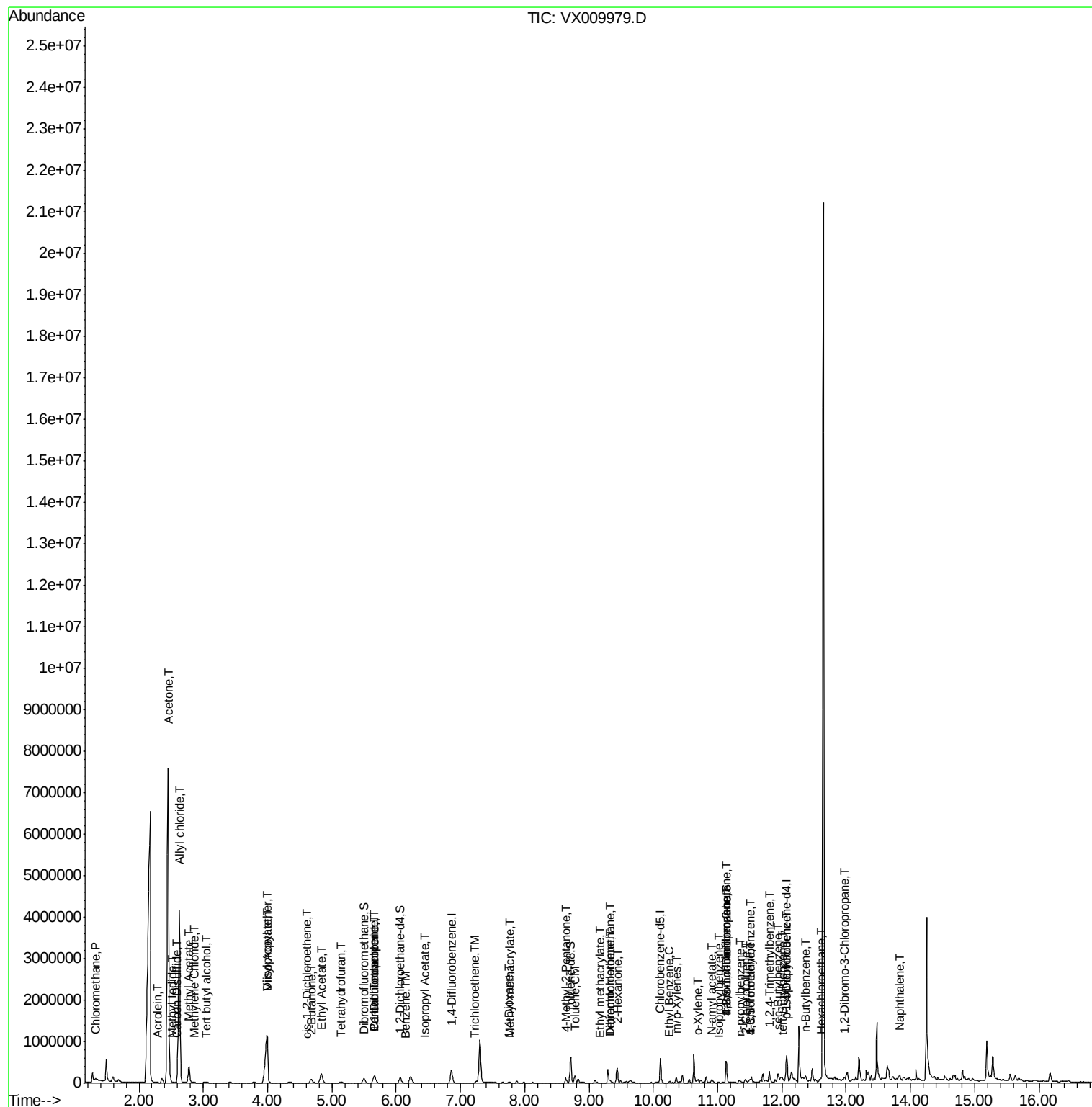
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	11.36	91	10720	1.017	ug/l	97
79) 2-Chlorotoluene	11.43	91	5998	0.931	ug/l #	46
80) 1,3,5-Trimethylbenzene	11.51	105	27727	3.597	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	67286	56.143	ug/l #	10
82) 4-Chlorotoluene	11.51	91	3391	0.452	ug/l #	48
83) tert-Butylbenzene	12.02	119	8616	1.168	ug/l	84
84) 1,2,4-Trimethylbenzene	11.80	105	92944	11.874	ug/l	97
85) sec-Butylbenzene	11.94	105	3830	0.437	ug/l	95
86) p-Isopropyltoluene	12.06	119	45018	5.705	ug/l	99
89) n-Butylbenzene	12.38	91	10703	1.443	ug/l #	25
90) Hexachloroethane	12.60	117	1870	1.381	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	12.98	75	499	0.621	ug/l #	21
95) Naphthalene	13.83	128	79017	8.682	ug/l	99

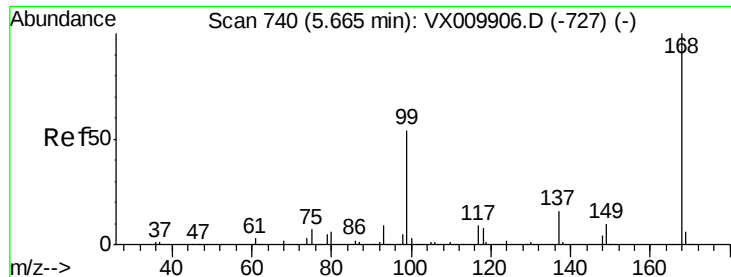
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009979.D

Acq: 31 May 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

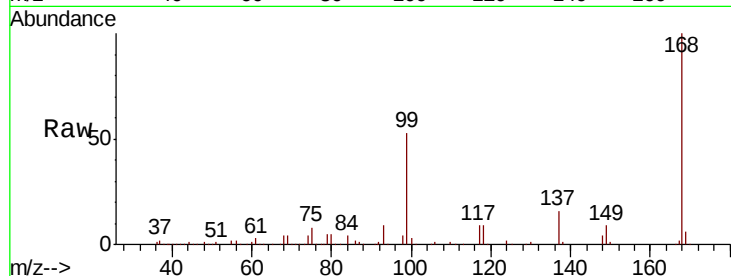
COMP-2

Tgt Ion:168 Resp: 176249

Ion Ratio Lower Upper

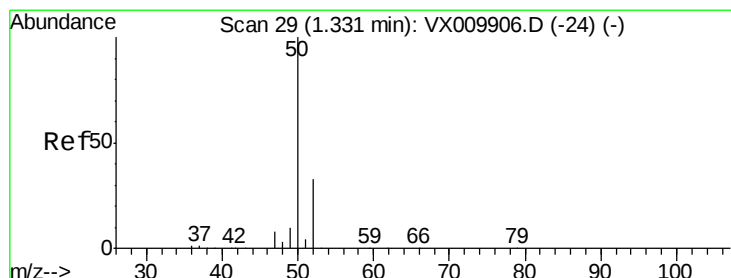
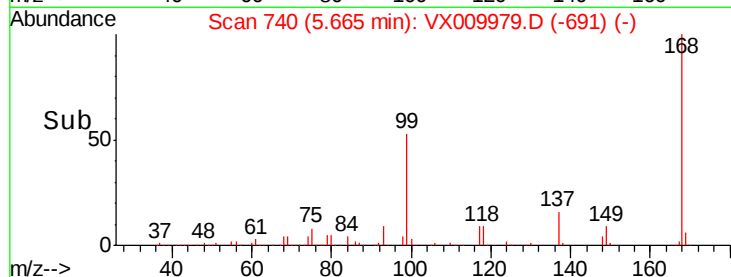
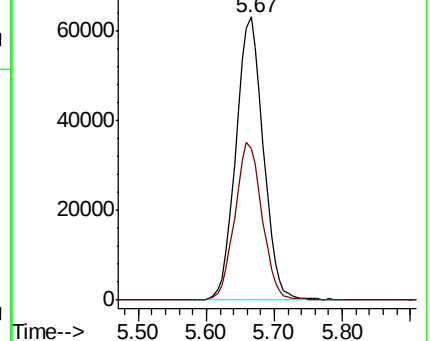
168 100

99 53.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 1.074 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX009979.D

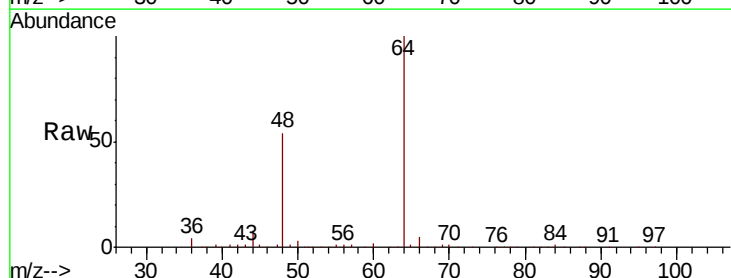
Acq: 31 May 2019 12:24

Tgt Ion: 50 Resp: 3110

Ion Ratio Lower Upper

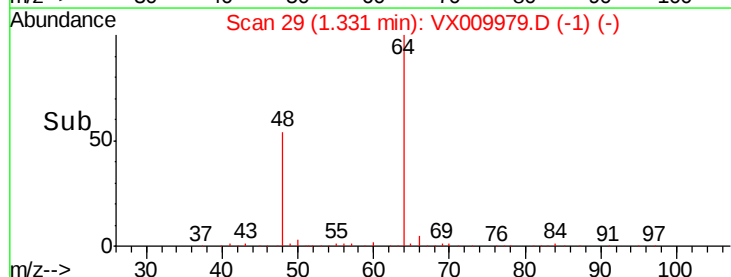
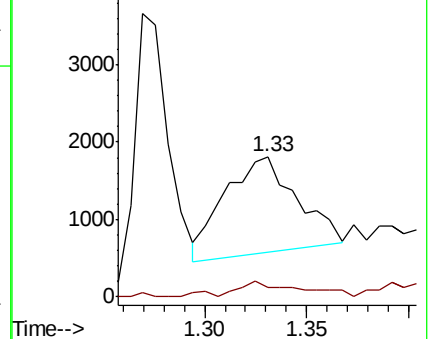
50 100

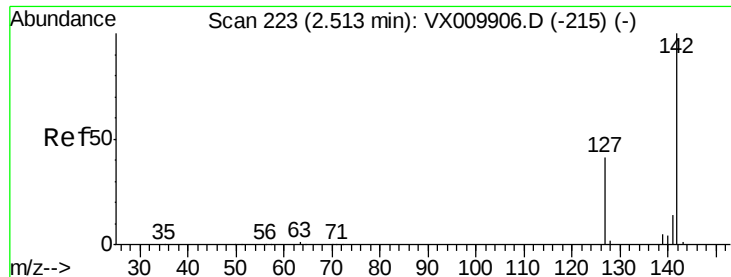
52 6.1 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

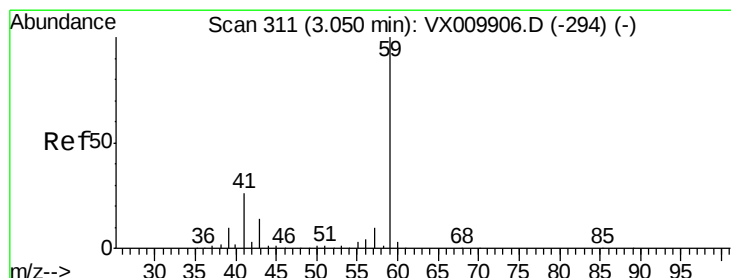
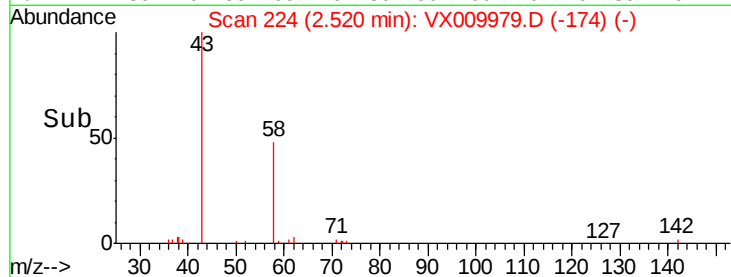
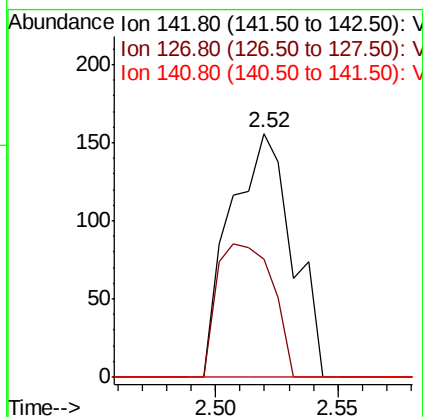
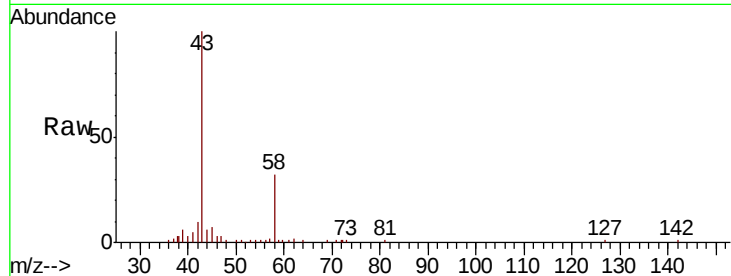




#10
Methyl Iodide
Concen: 4.772 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX009979.D
Acq: 31 May 2019 12:24

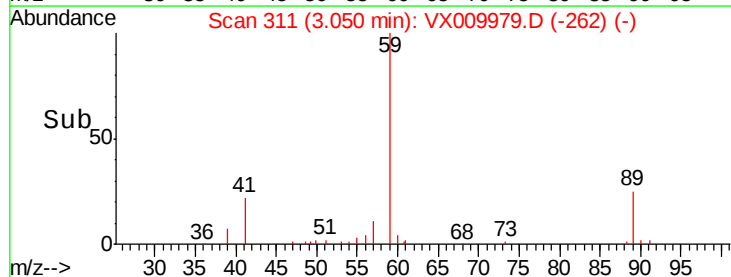
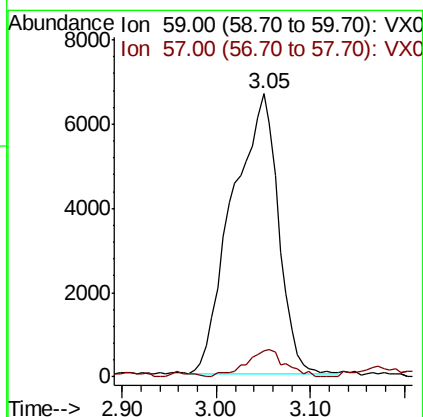
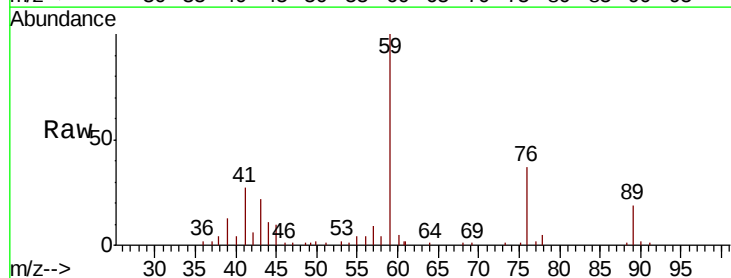
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

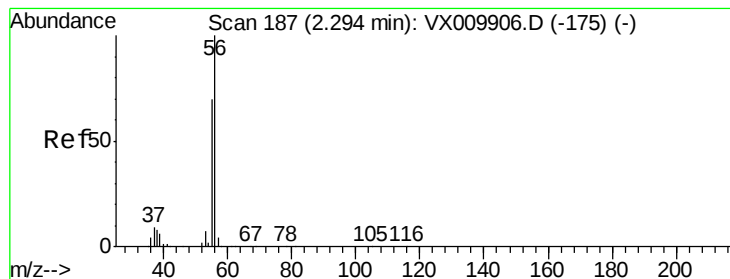
Tgt Ion:142 Resp: 275
Ion Ratio Lower Upper
142 100
127 49.1 33.0 49.4
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 36.731 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009979.D
Acq: 31 May 2019 12:24

Tgt Ion: 59 Resp: 22505
Ion Ratio Lower Upper
59 100
57 8.4 8.2 12.2





#13

Acrolein

Concen: 21.881 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009979.D

Acq: 31 May 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

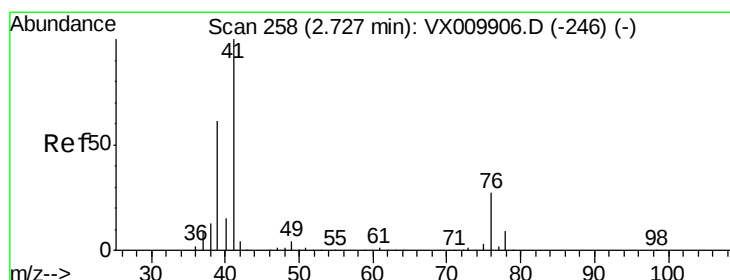
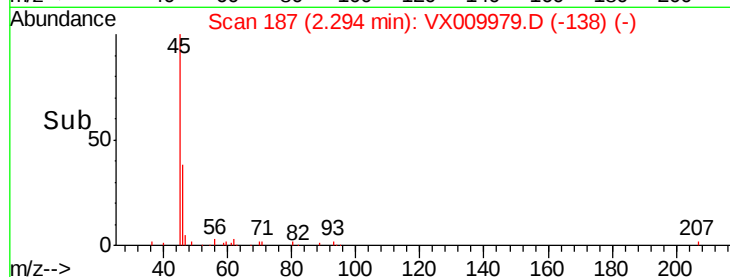
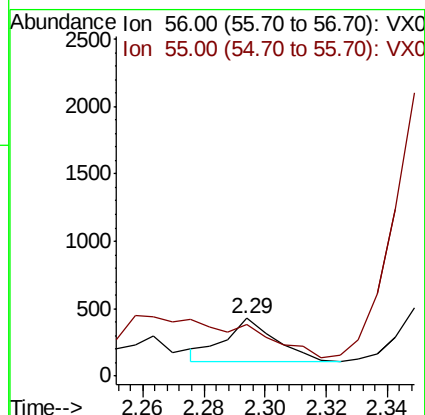
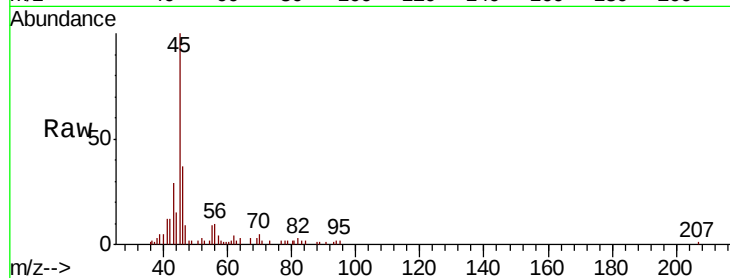
COMP-2

Tgt Ion: 56 Resp: 372

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.4#



#14

Allyl chloride

Concen: 91.309 ug/l

RT: 2.63 min Scan# 242

Delta R.T. -0.10 min

Lab File: VX009979.D

Acq: 31 May 2019 12:24

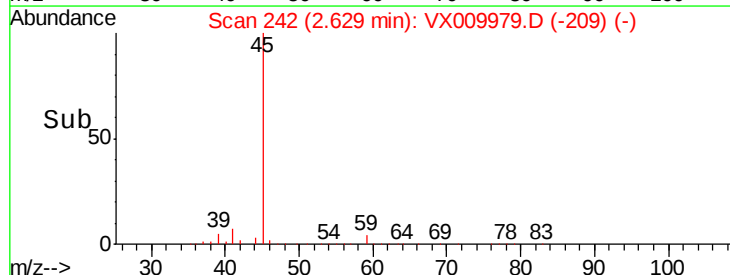
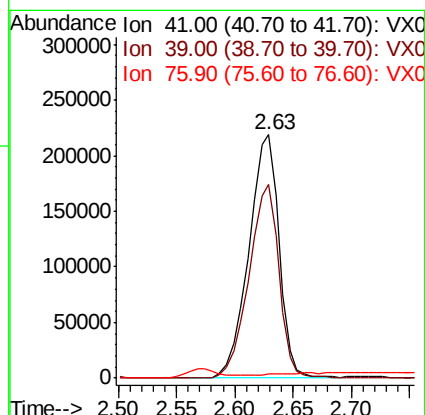
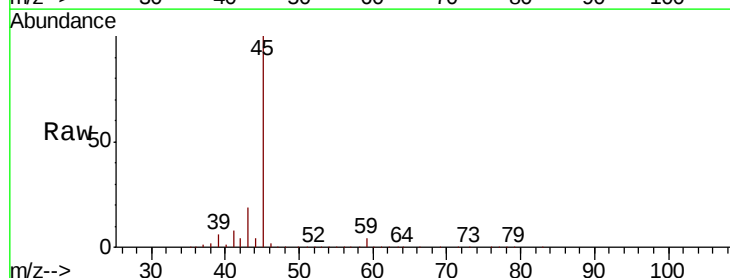
Tgt Ion: 41 Resp: 396122

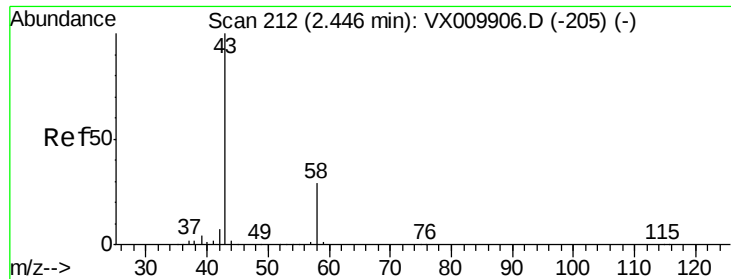
Ion Ratio Lower Upper

41 100

39 79.0 46.7 70.1#

76 0.0 21.0 31.4#





#16

Acetone

Concen: 5817.622 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX009979.D

Acq: 31 May 2019 12:24

Instrument :

MSVOA_X

ClientSampled :

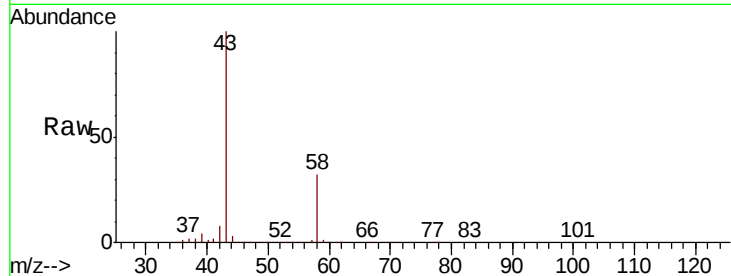
COMP-2

Tgt Ion: 43 Resp: 8368495

Ion Ratio Lower Upper

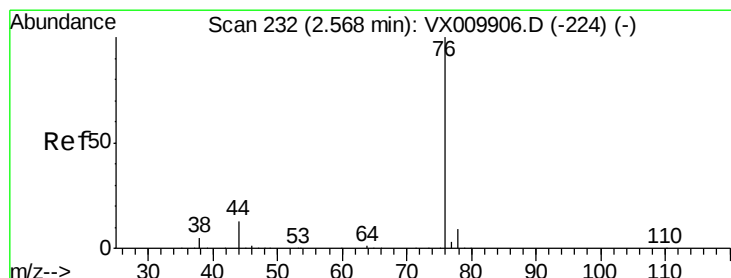
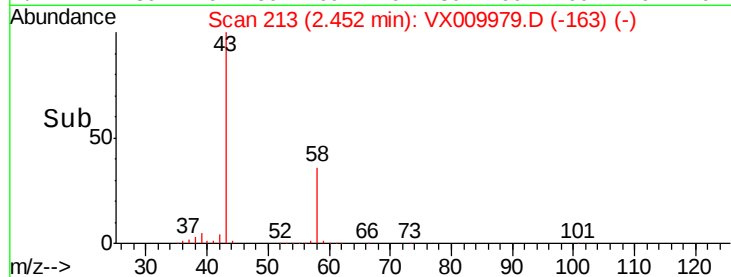
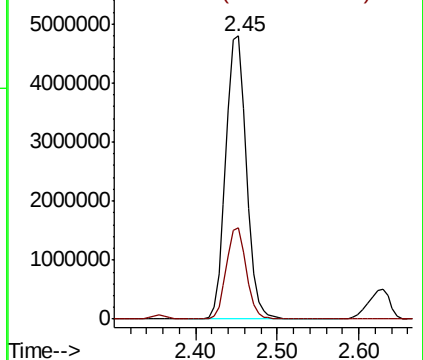
43 100

58 32.3 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 3.620 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX009979.D

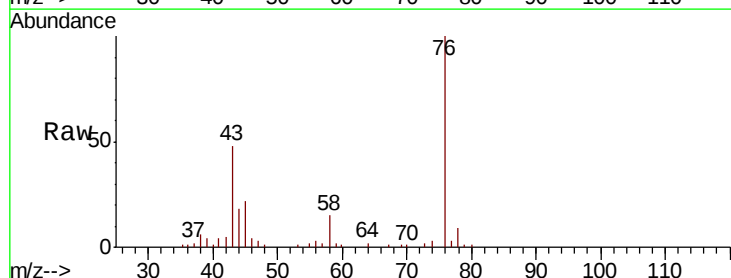
Acq: 31 May 2019 12:24

Tgt Ion: 76 Resp: 17624

Ion Ratio Lower Upper

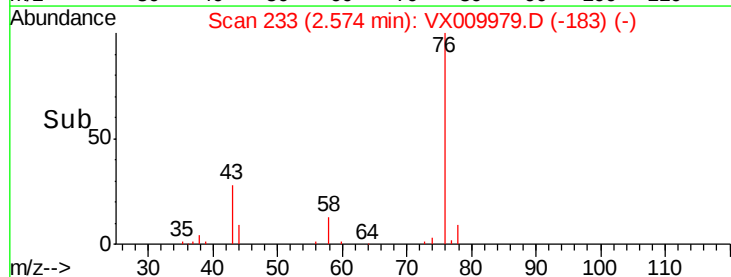
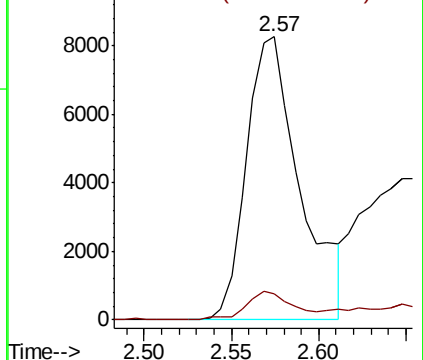
76 100

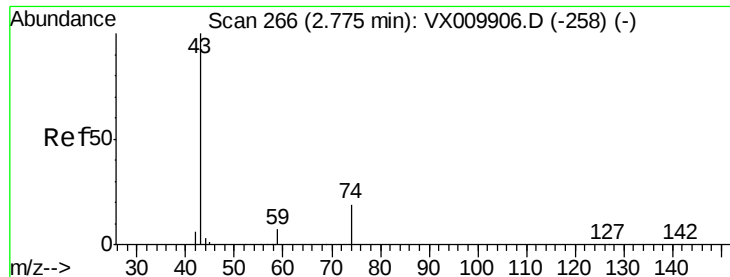
78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

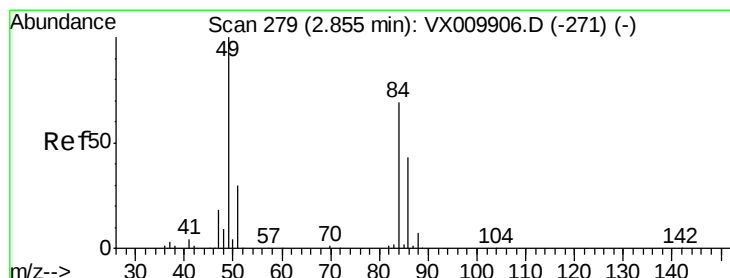
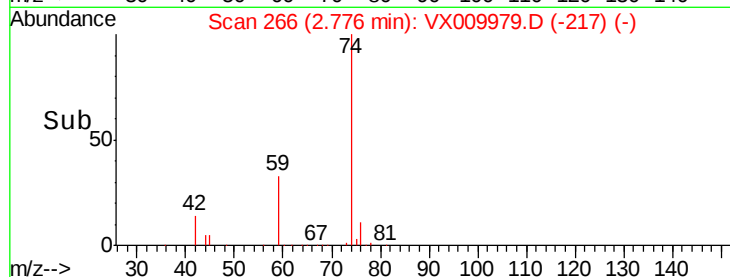
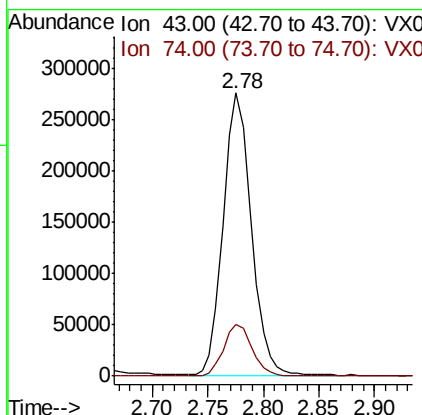
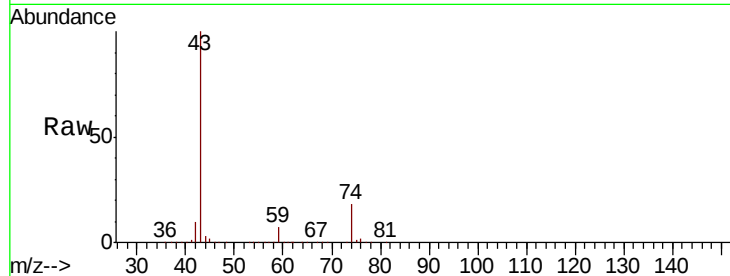




#18
Methyl Acetate
Concen: 143.894 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009979.D
Acq: 31 May 2019 12:24

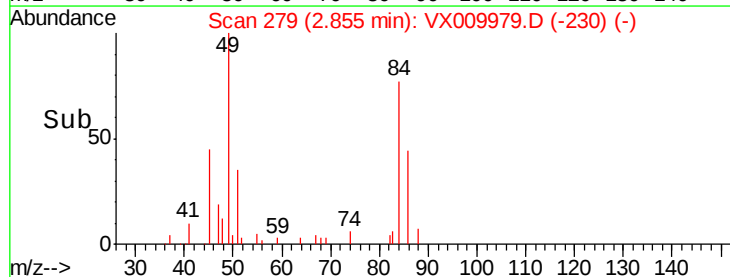
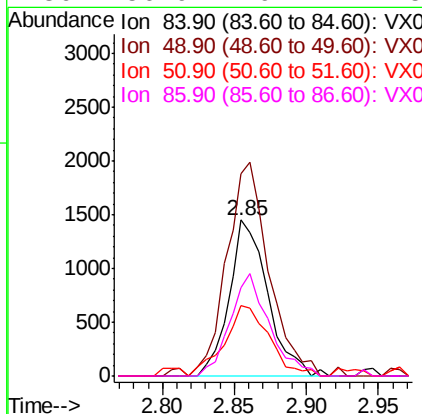
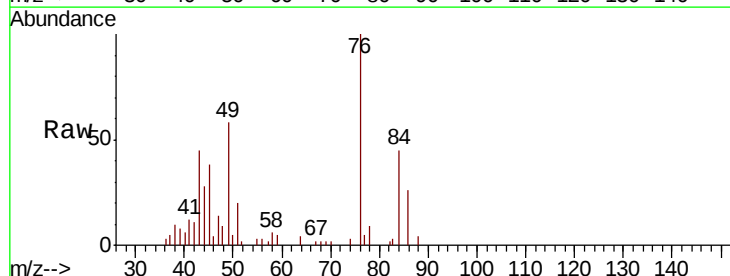
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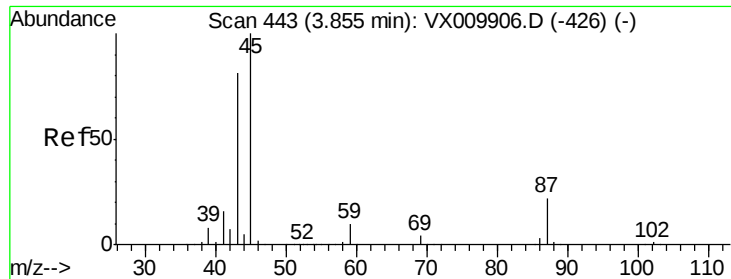
Tgt Ion: 43 Resp: 481630
Ion Ratio Lower Upper
43 100
74 18.8 15.8 23.6



#20
Methylene Chloride
Concen: 1.234 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009979.D
Acq: 31 May 2019 12:24

Tgt Ion: 84 Resp: 2718
Ion Ratio Lower Upper
84 100
49 129.5 115.8 173.6
51 45.1 34.4 51.6
86 56.9 49.7 74.5

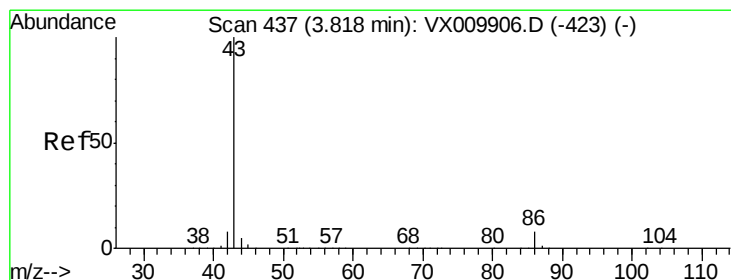
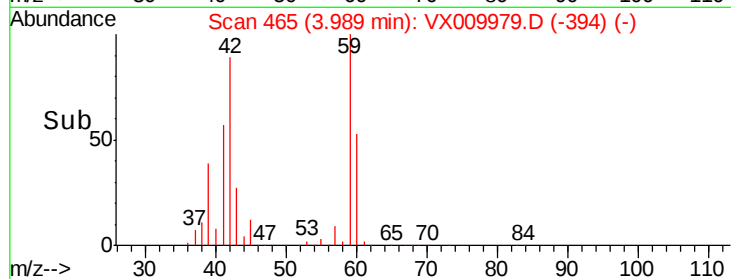
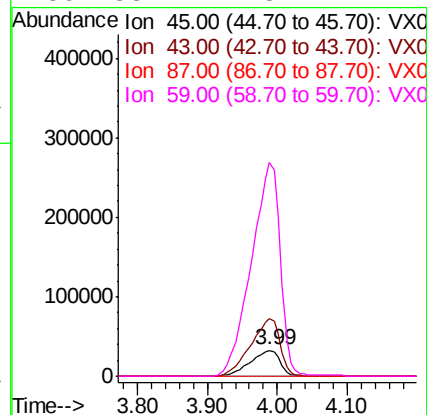
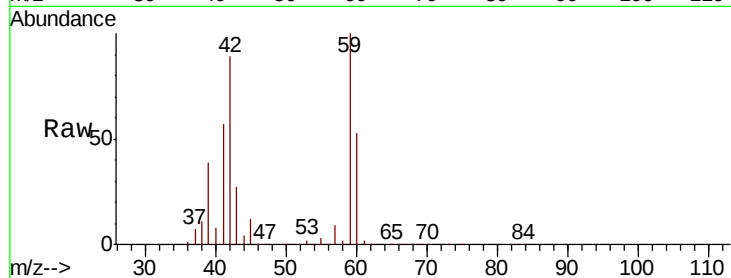




#22
 Diisopropyl ether
 Concen: 11.547 ug/l
 RT: 3.99 min Scan# 465
 Delta R.T. 0.13 min
 Lab File: VX009979.D
 Acq: 31 May 2019 12:24

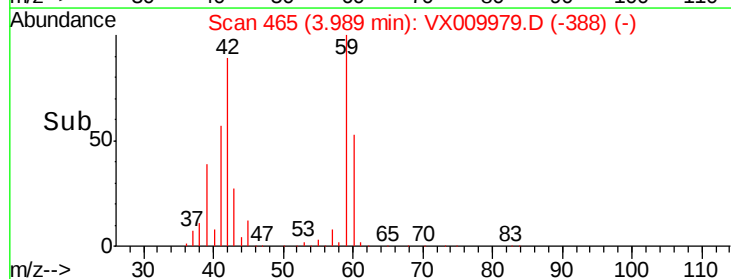
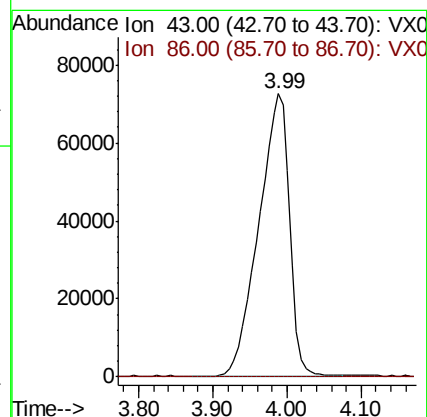
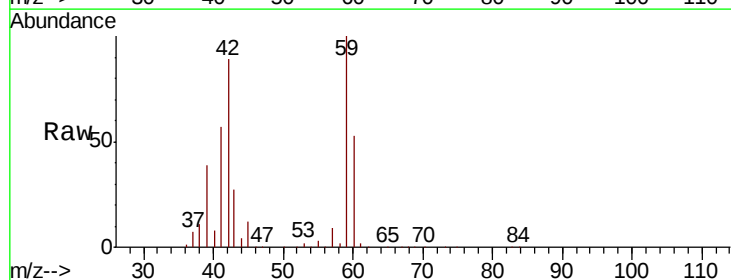
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-2

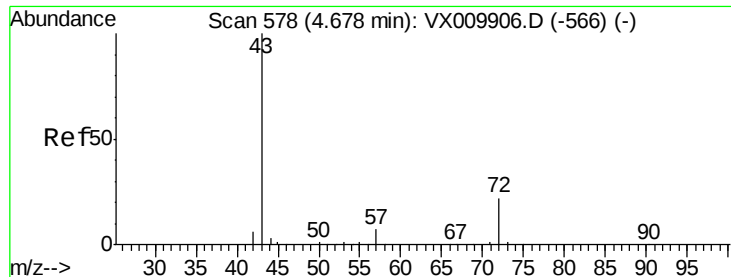
Tgt Ion:	45	Resp:	95313
Ion	Ratio	Lower	Upper
45	100		
43	224.3	65.0	97.4#
87	0.0	17.3	25.9#
59	832.7	8.1	12.1#



#23
 Vinyl Acetate
 Concen: 28.240 ug/l
 RT: 3.99 min Scan# 465
 Delta R.T. 0.17 min
 Lab File: VX009979.D
 Acq: 31 May 2019 12:24

Tgt Ion:	43	Resp:	209411
Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.5	9.7#





#25

2-Butanone

Concen: 68.113 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX009979.D

Acq: 31 May 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

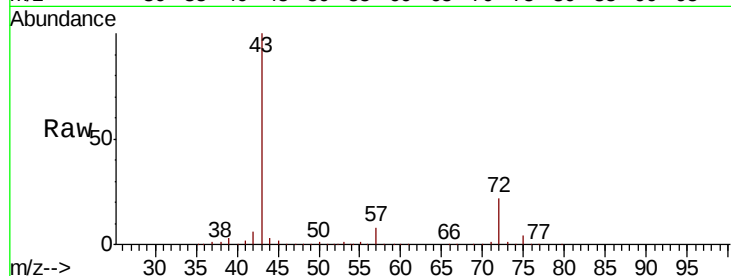
COMP-2

Tgt Ion: 43 Resp: 152650

Ion Ratio Lower Upper

43 100

72 22.3 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

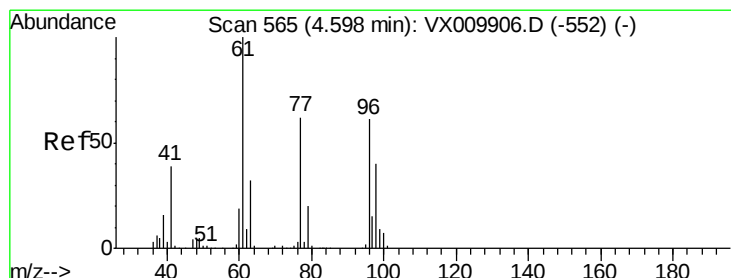
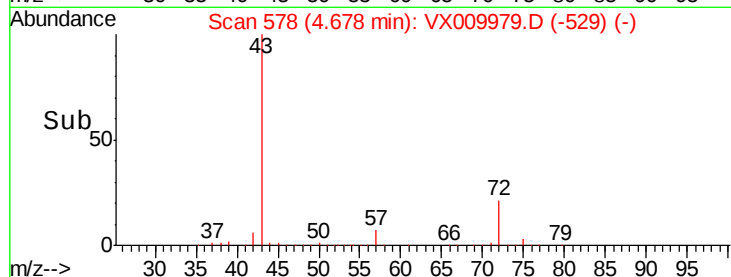
100000

50000

0

4.60 4.70 4.80

Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.302 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX009979.D

Acq: 31 May 2019 12:24

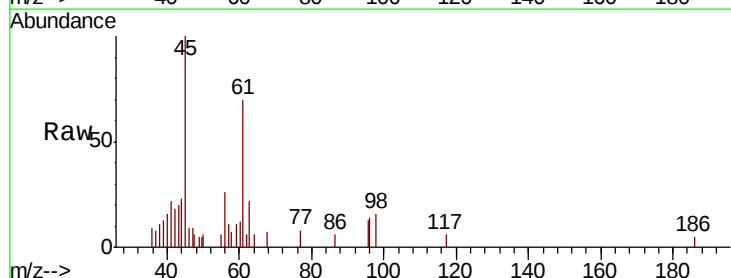
Tgt Ion: 96 Resp: 693

Ion Ratio Lower Upper

96 100

61 0.0 0.0 334.0

98 70.7 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

1000

800

600

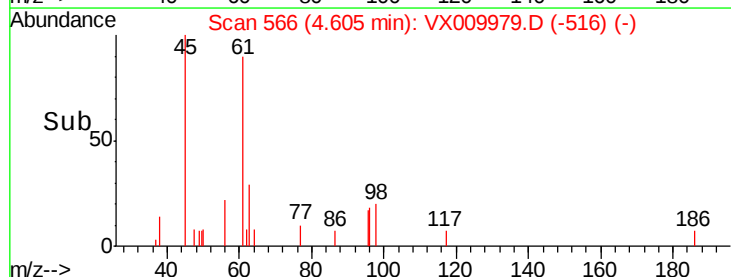
400

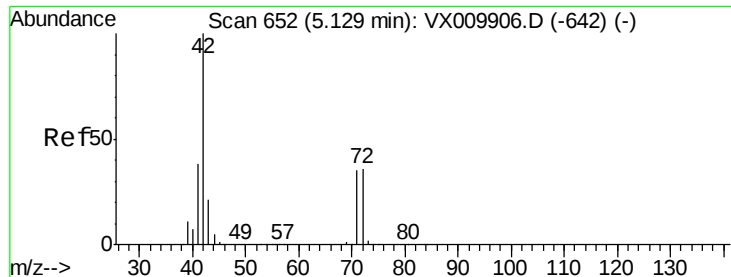
200

0

4.55 4.60 4.65

Time-->





#29

Tetrahydrofuran

Concen: 1.354 ug/l

RT: 5.15 min Scan# 655

Delta R.T. 0.02 min

Lab File: VX009979.D

Acq: 31 May 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

COMP-2

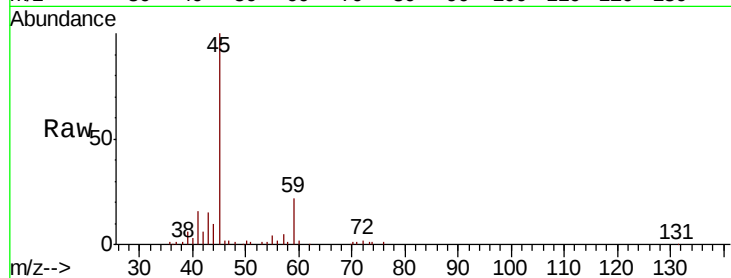
Tgt Ion: 42 Resp: 1946

Ion Ratio Lower Upper

42 100

72 32.3 29.2 43.8

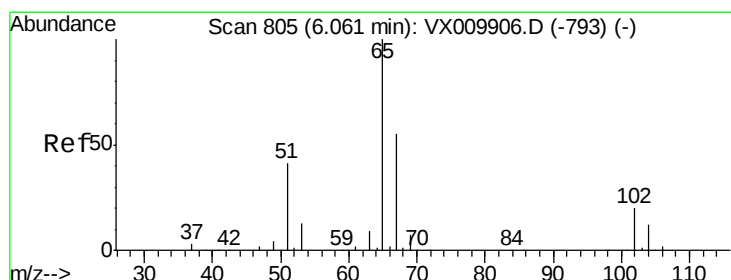
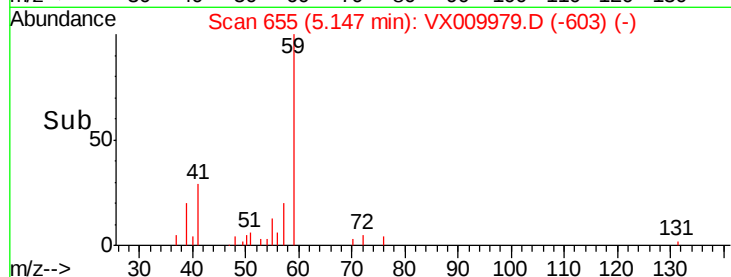
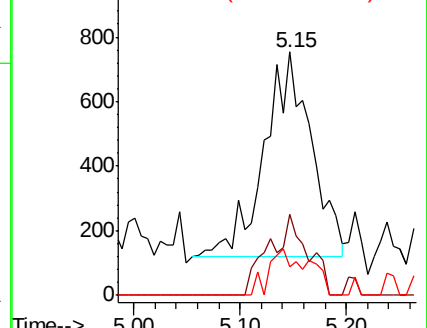
71 13.5 27.6 41.4#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.143 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009979.D

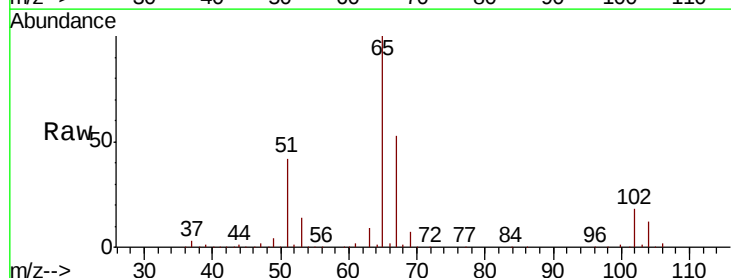
Acq: 31 May 2019 12:24

Tgt Ion: 65 Resp: 119860

Ion Ratio Lower Upper

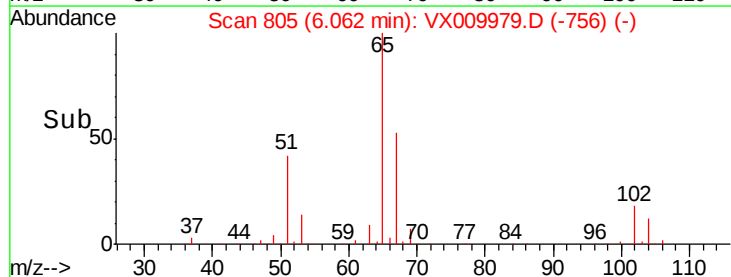
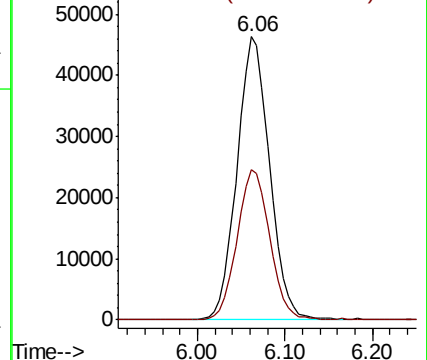
65 100

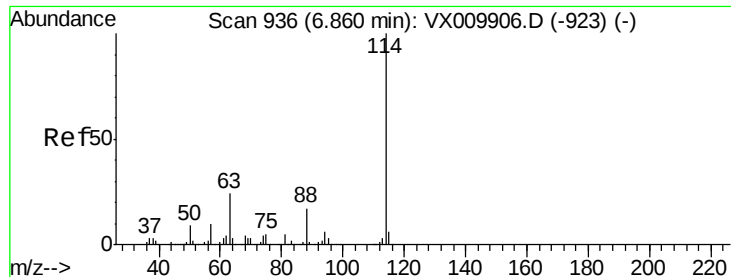
67 53.4 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009979.D

Acq: 31 May 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

COMP-2

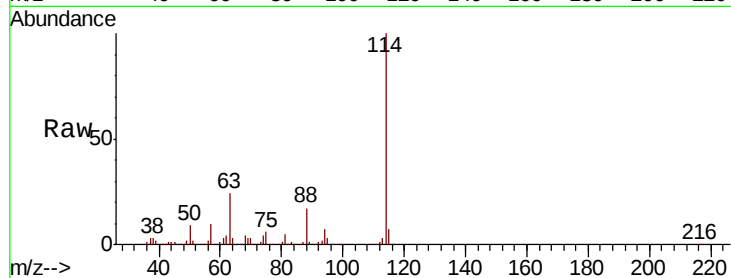
Tgt Ion:114 Resp: 282569

Ion Ratio Lower Upper

114 100

63 23.7 0.0 47.4

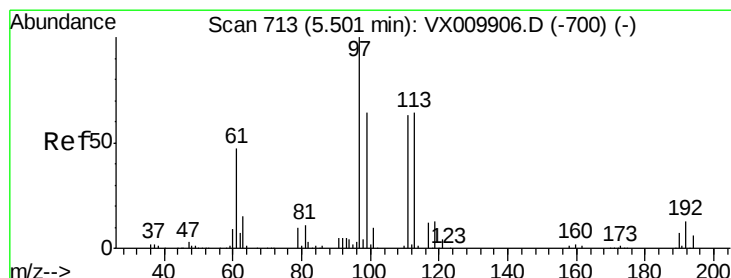
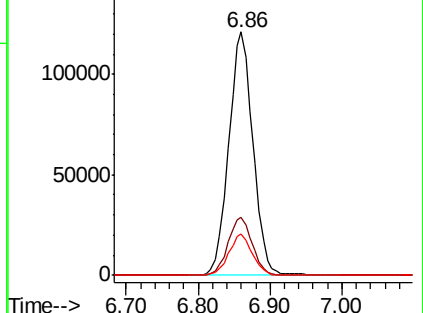
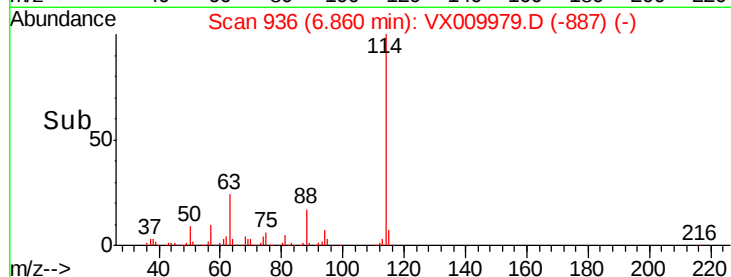
88 16.8 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.936 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009979.D

Acq: 31 May 2019 12:24

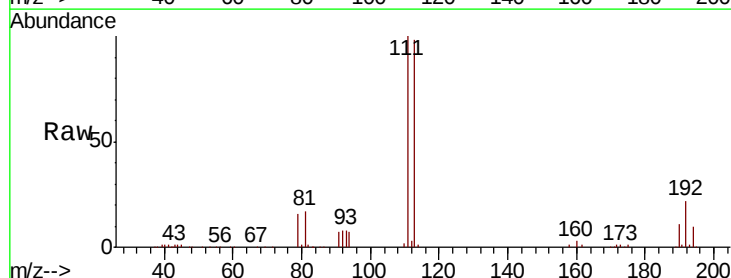
Tgt Ion:113 Resp: 86936

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

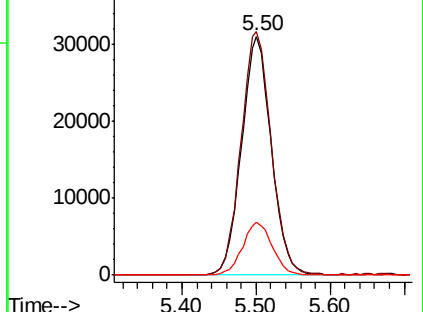
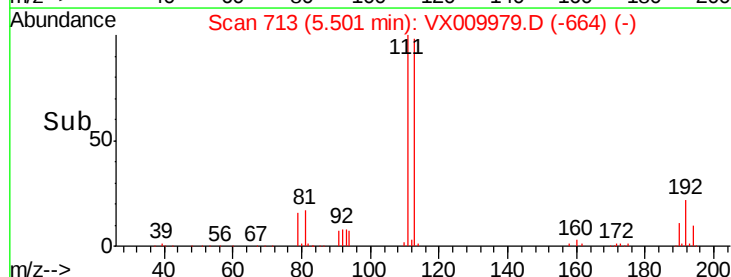
192 22.0 17.1 25.7

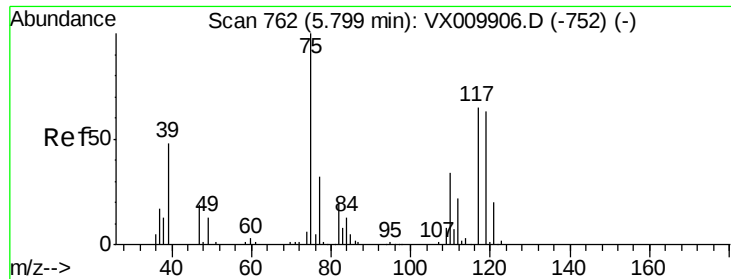


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

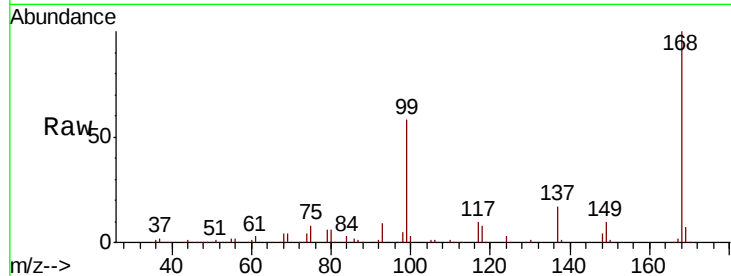




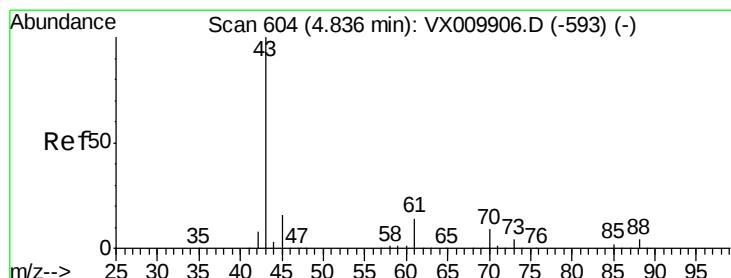
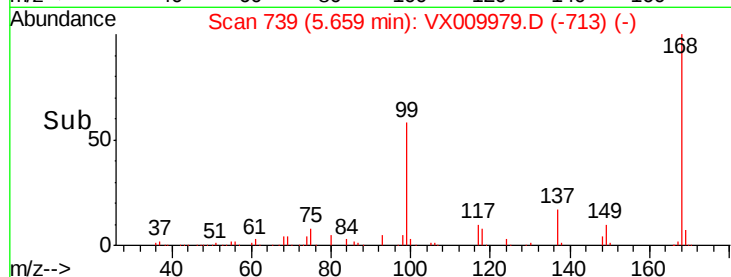
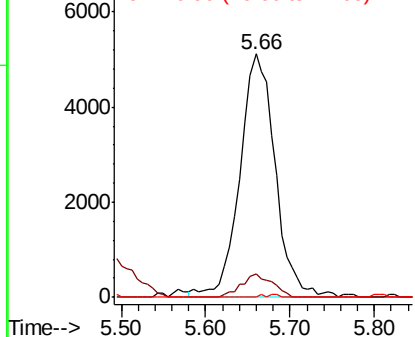
#36
 1,1-Dichloropropene
 Concen: 5.068 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX009979.D
 Acq: 31 May 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-2

Tgt Ion: 75 Resp: 14530
 Ion Ratio Lower Upper
 75 100
 110 8.3 16.7 50.1#
 77 0.2 25.0 37.4#

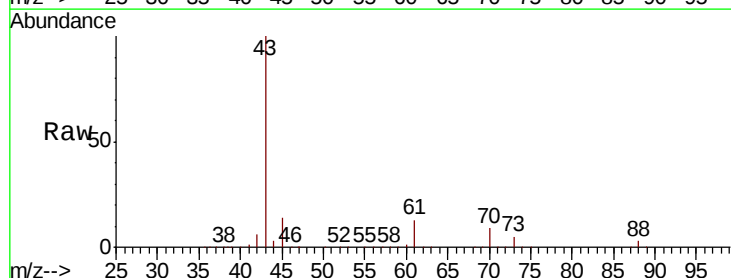


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

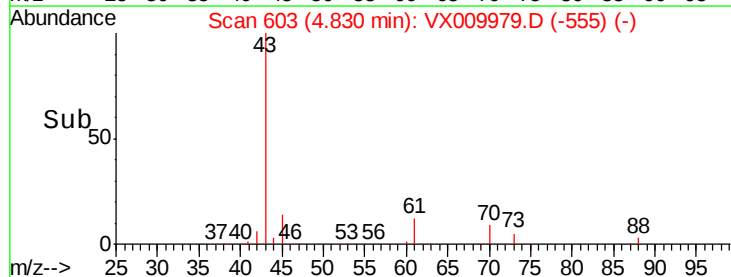
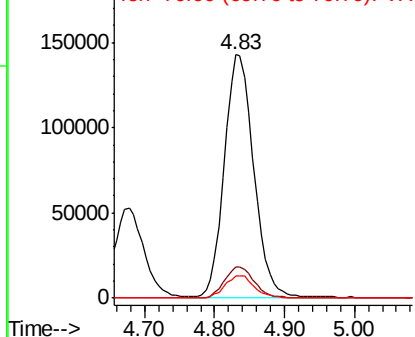


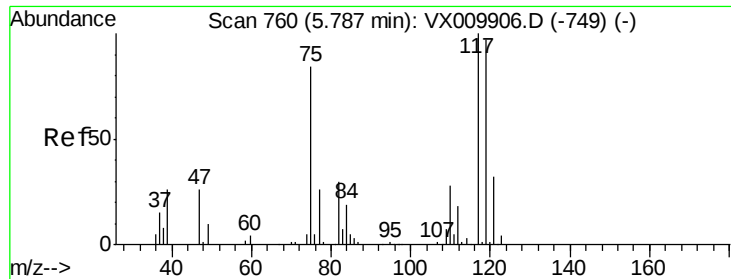
#37
 Ethyl Acetate
 Concen: 104.047 ug/l
 RT: 4.83 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VX009979.D
 Acq: 31 May 2019 12:24

Tgt Ion: 43 Resp: 415645
 Ion Ratio Lower Upper
 43 100
 61 13.1 10.2 15.2
 70 9.3 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 6.910 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX009979.D

Acq: 31 May 2019 12:24

Instrument :

MSVOA_X

ClientSampled :

COMP-2

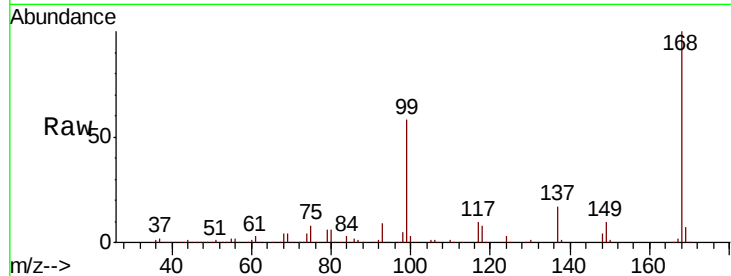
Tgt Ion:117 Resp: 17119

Ion Ratio Lower Upper

117 100

119 4.7 77.3 115.9#

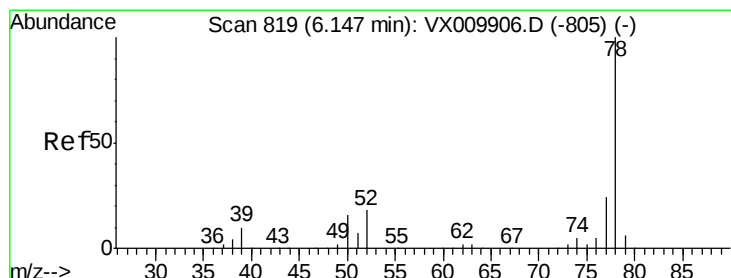
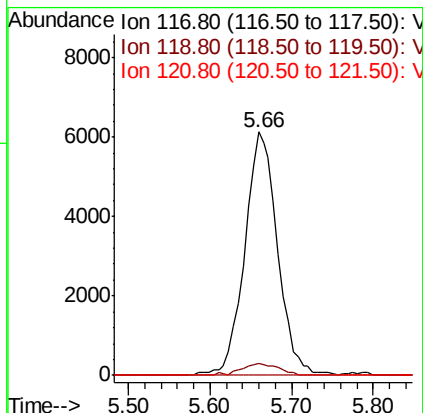
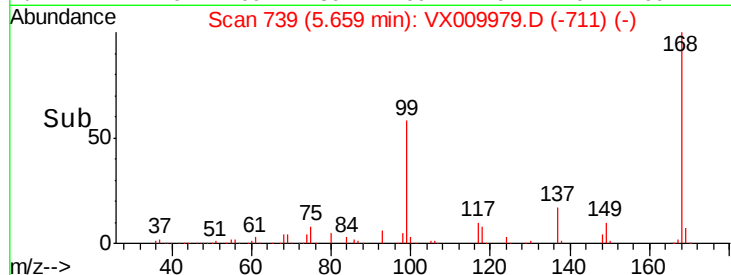
121 0.0 25.4 38.0#



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



#40

Benzene

Concen: 0.213 ug/l

RT: 6.15 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX009979.D

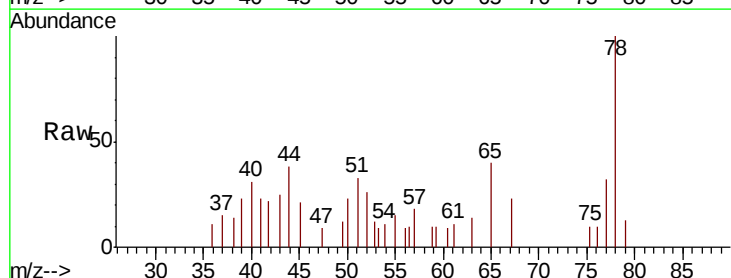
Acq: 31 May 2019 12:24

Tgt Ion: 78 Resp: 1812

Ion Ratio Lower Upper

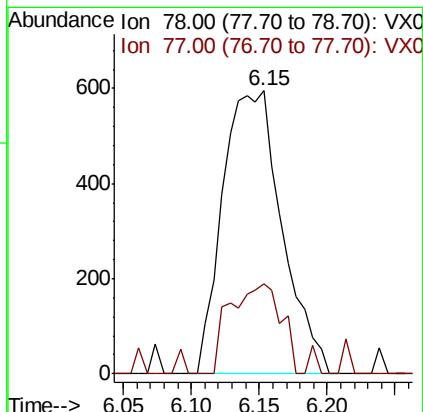
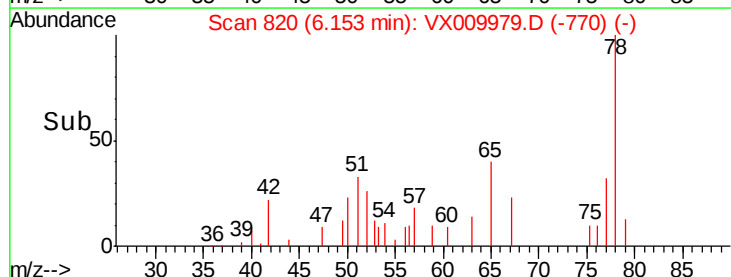
78 100

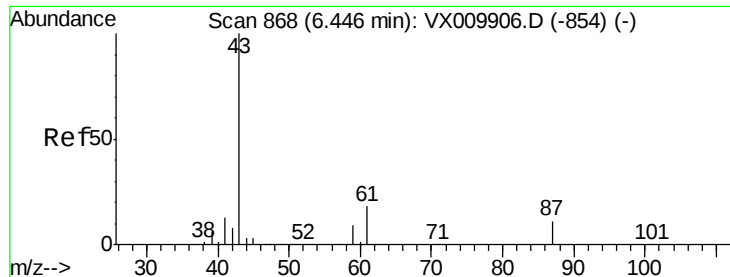
77 31.9 19.2 28.8#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#43

Isopropyl Acetate

Concen: 1.488 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX009979.D

Acq: 31 May 2019 12:24

Instrument :

MSVOA_X

ClientSampled :

COMP-2

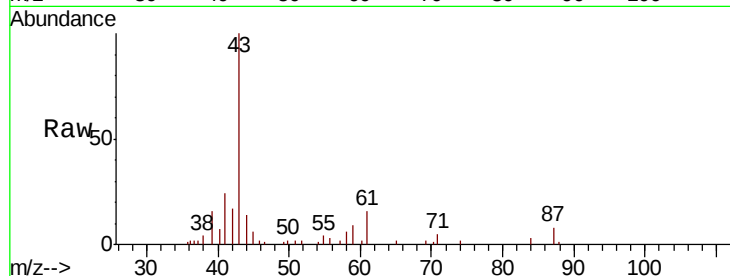
Tgt Ion: 43 Resp: 9590

Ion Ratio Lower Upper

43 100

61 16.8 14.6 21.8

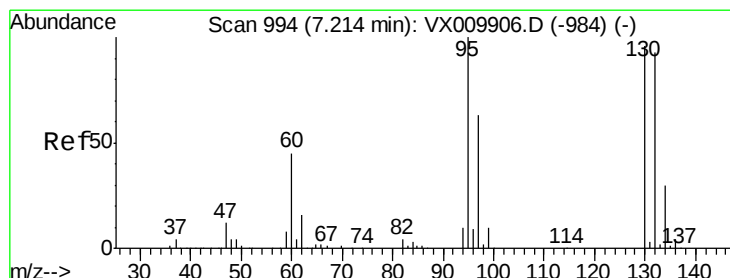
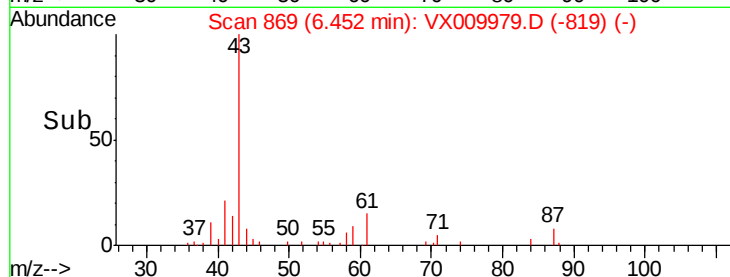
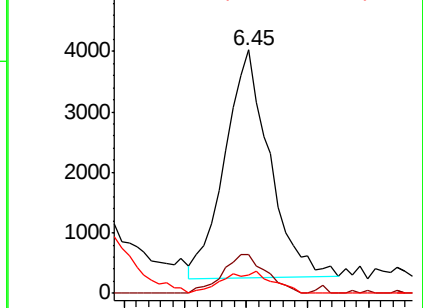
87 10.7 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 0.400 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009979.D

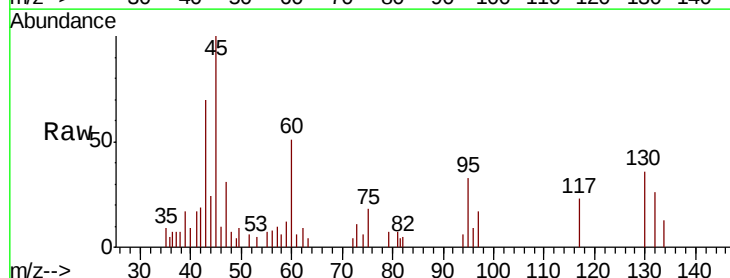
Acq: 31 May 2019 12:24

Tgt Ion: 130 Resp: 826

Ion Ratio Lower Upper

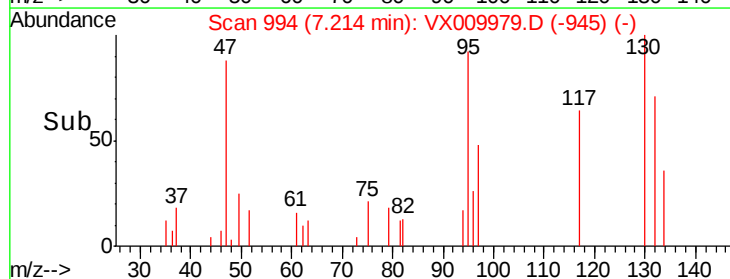
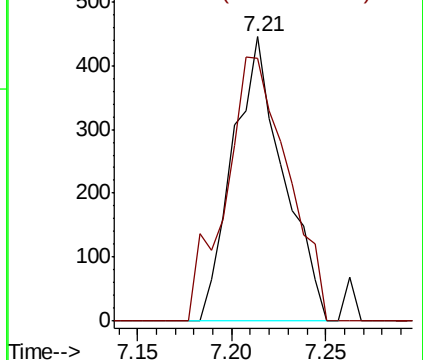
130 100

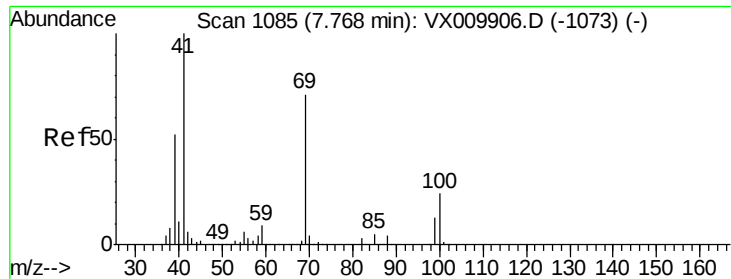
95 92.4 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

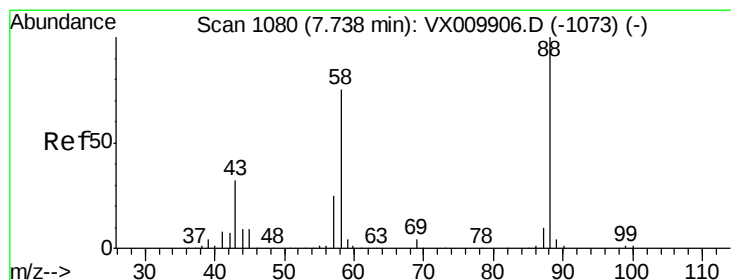
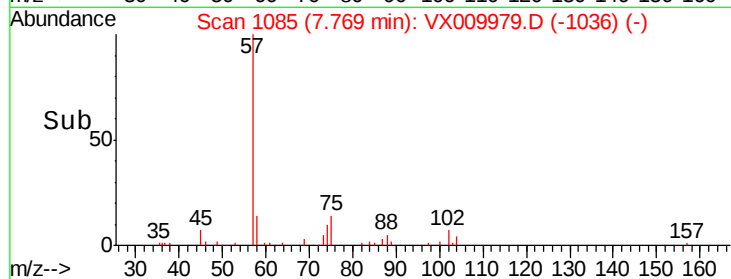
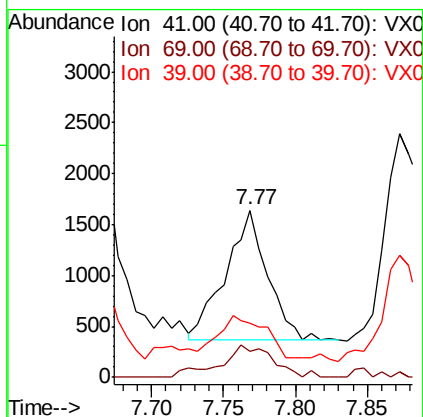
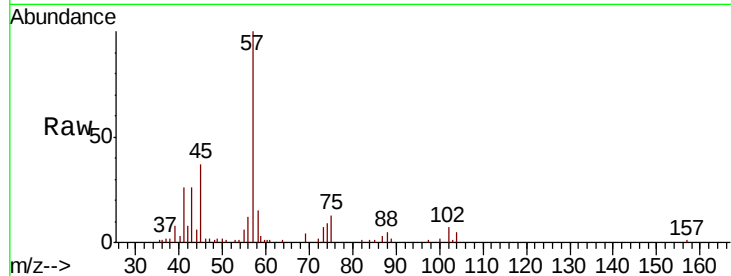




#48
Methyl methacrylate
Concen: 0.820 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX009979.D
Acq: 31 May 2019 12:24

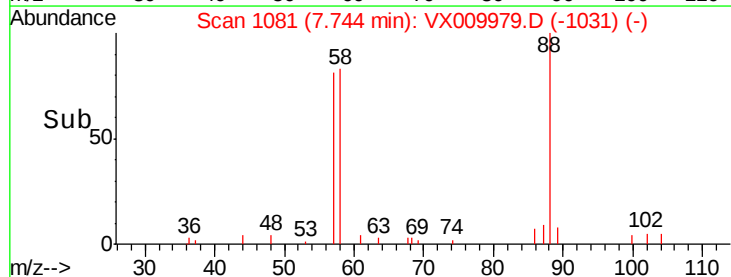
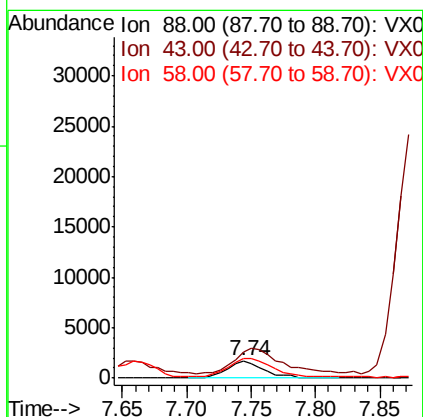
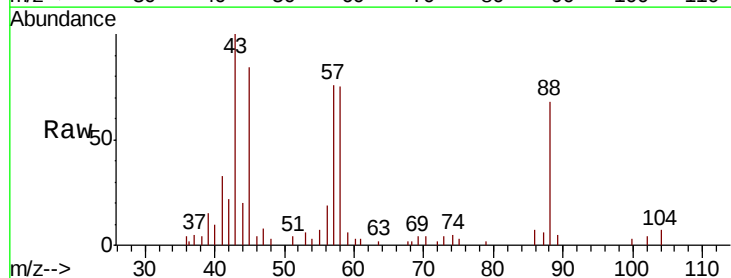
Instrument :
MSVOA_X
ClientSampled :
COMP-2

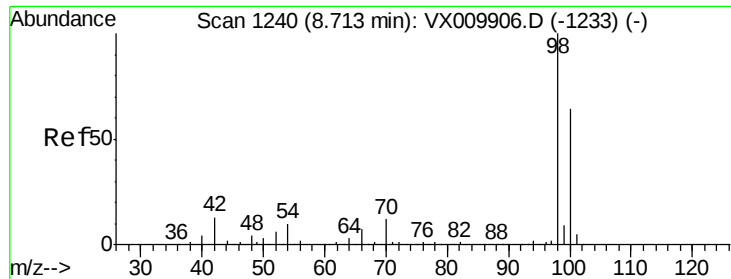
Tgt Ion: 41 Resp: 2615
Ion Ratio Lower Upper
41 100
69 30.1 56.4 84.6#
39 35.7 40.6 60.8#



#49
1,4-Dioxane
Concen: 57.705 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009979.D
Acq: 31 May 2019 12:24

Tgt Ion: 88 Resp: 3425
Ion Ratio Lower Upper
88 100
43 174.6 30.2 45.4#
58 123.8 64.0 96.0#

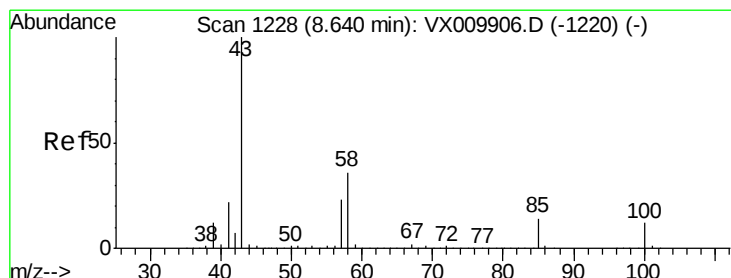
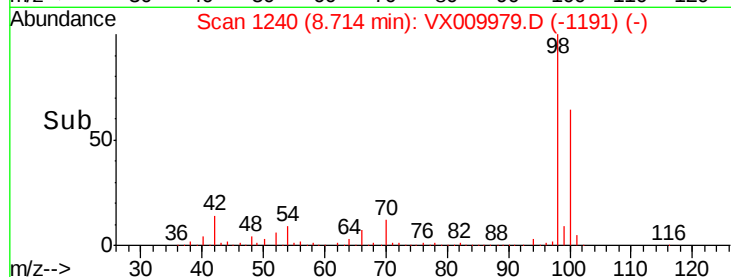
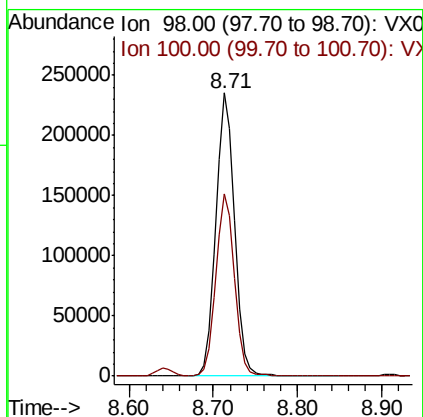
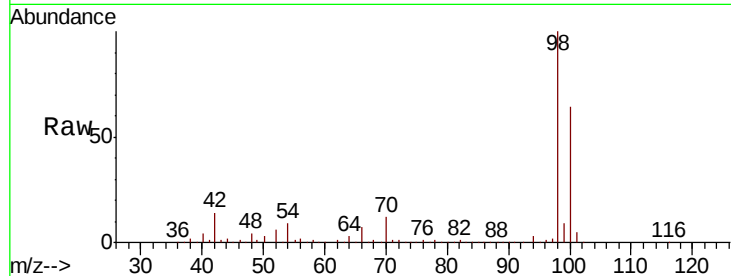




#50
Toluene-d8
Concen: 50.393 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009979.D
Acq: 31 May 2019 12:24

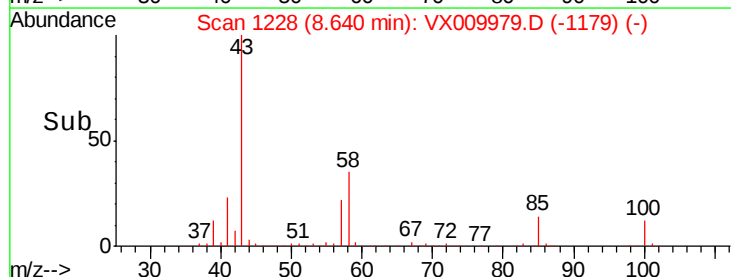
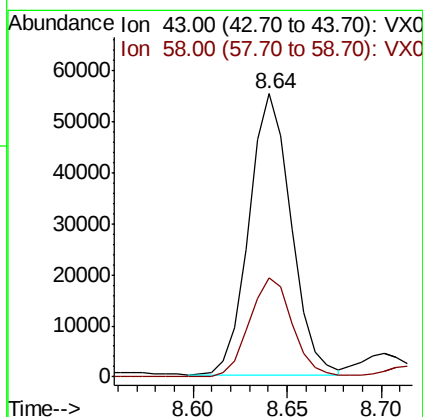
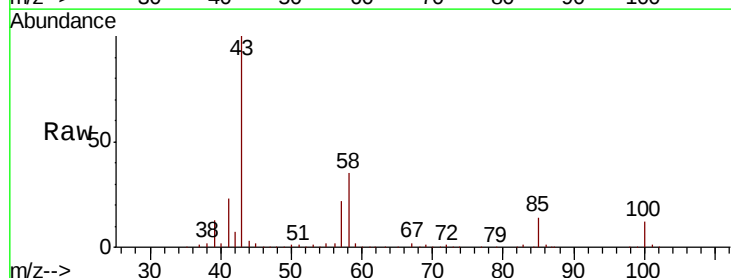
Instrument :
MSVOA_X
ClientSampled :
COMP-2

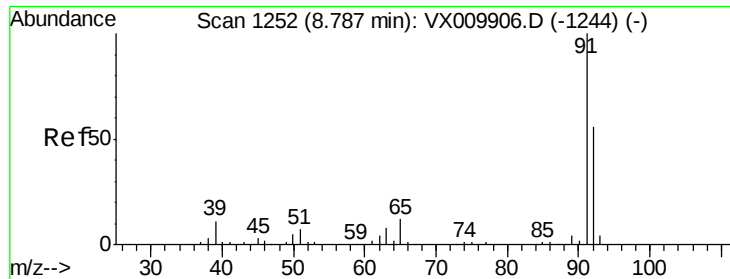
Tgt Ion: 98 Resp: 363536
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 20.316 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX009979.D
Acq: 31 May 2019 12:24

Tgt Ion: 43 Resp: 85186
Ion Ratio Lower Upper
43 100
58 35.7 28.8 43.2





#52

Toluene

Concen: 7.409 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009979.D

Acq: 31 May 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

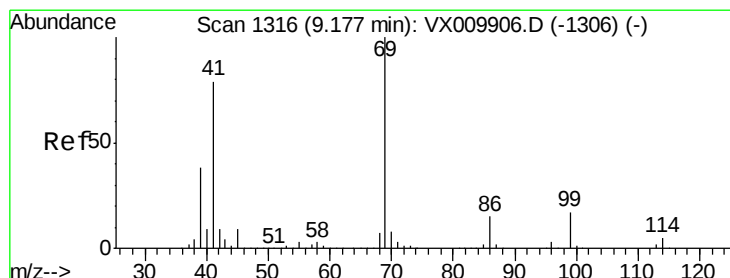
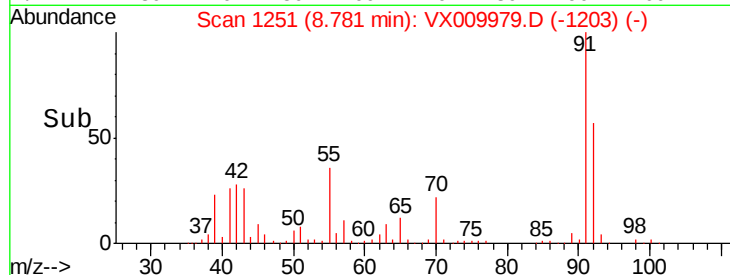
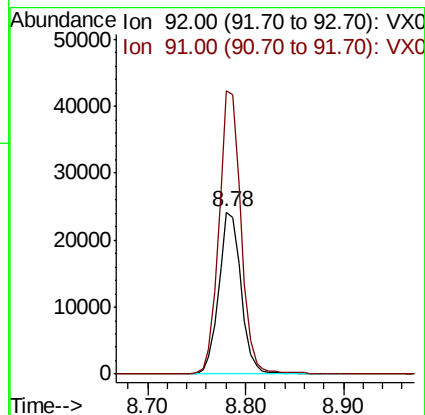
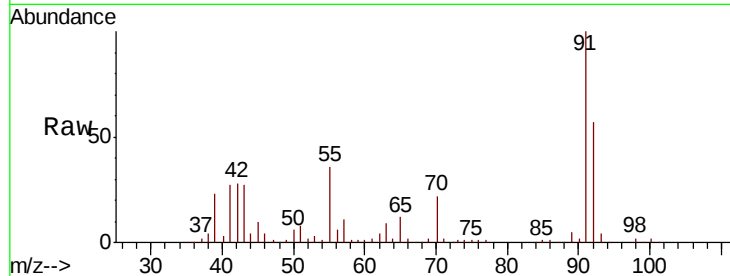
COMP-2

Tgt Ion: 92 Resp: 38261

Ion Ratio Lower Upper

92 100

91 172.6 139.9 209.9



#56

Ethyl methacrylate

Concen: 0.239 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX009979.D

Acq: 31 May 2019 12:24

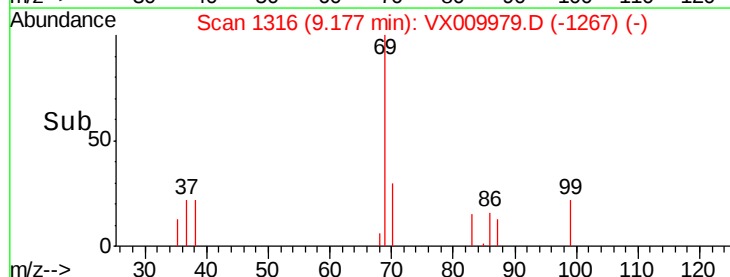
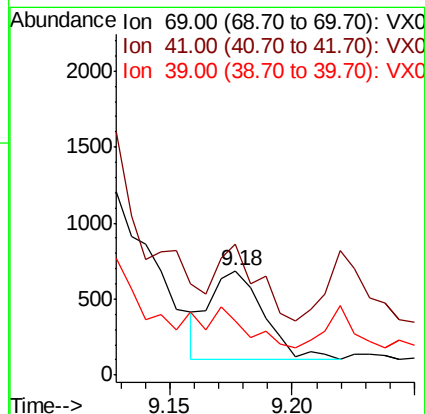
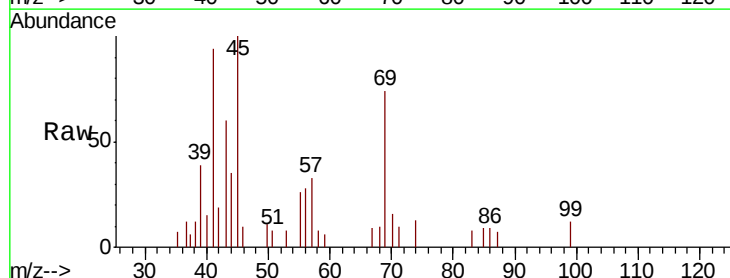
Tgt Ion: 69 Resp: 885

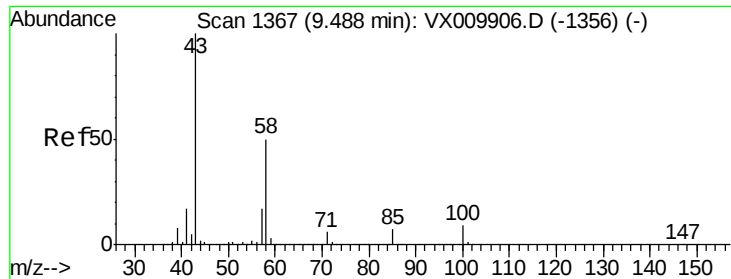
Ion Ratio Lower Upper

69 100

41 0.0 62.7 94.1#

39 0.0 29.5 44.3#





#59

2-Hexanone

Concen: 82.112 ug/l

RT: 9.44 min Scan# 1359

Delta R.T. -0.05 min

Lab File: VX009979.D

Acq: 31 May 2019 12:24

Instrument :

MSVOA_X

ClientSampled :

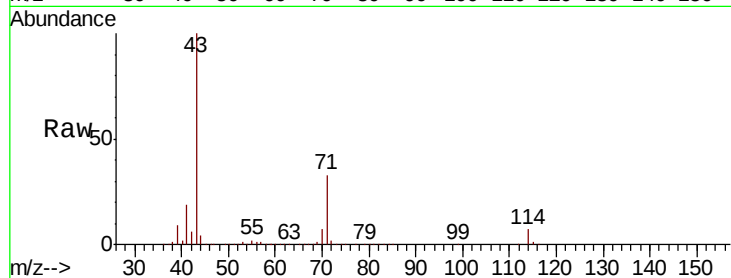
COMP-2

Tgt Ion: 43 Resp: 265077

Ion Ratio Lower Upper

43 100

58 0.2 25.1 75.3#



Abundance Ion 43.00 (42.70 to 43.70): VX009906.D (-1356) (-)

Ion 58.00 (57.70 to 58.70): VX009906.D (-1356) (-)

9.44

200000

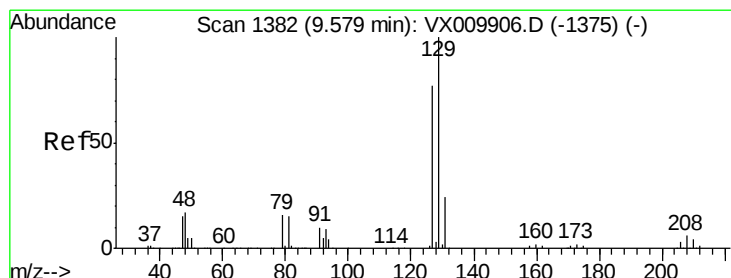
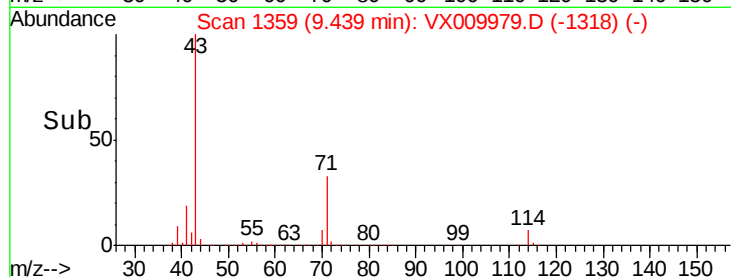
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 3.116 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX009979.D

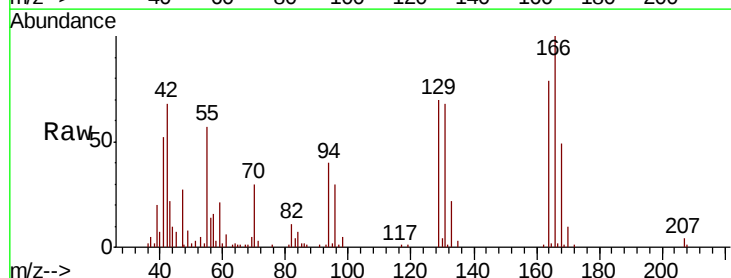
Acq: 31 May 2019 12:24

Tgt Ion: 129 Resp: 6371

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#



Abundance Ion 128.80 (128.50 to 129.50): VX009906.D (-1375) (-)

Ion 126.80 (126.50 to 127.50): VX009906.D (-1375) (-)

9.34

5000

4000

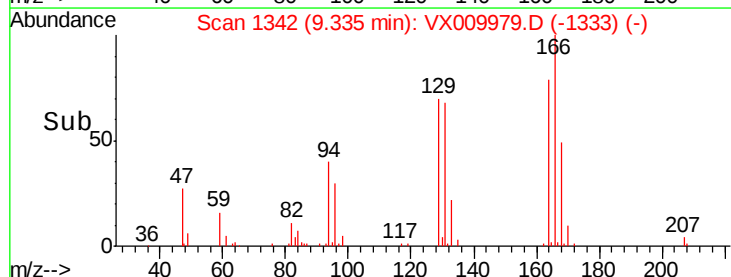
3000

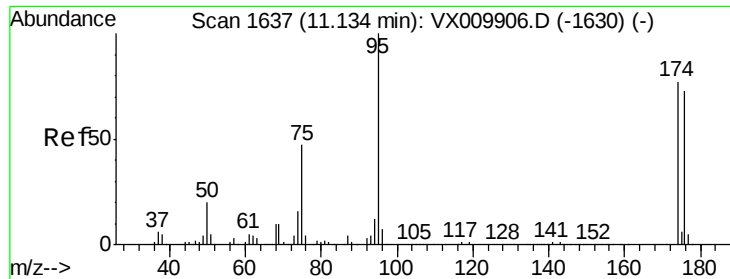
2000

1000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 49.765 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009979.D

Acq: 31 May 2019 12:24

Instrument :

MSVOA_X

ClientSampled :

COMP-2

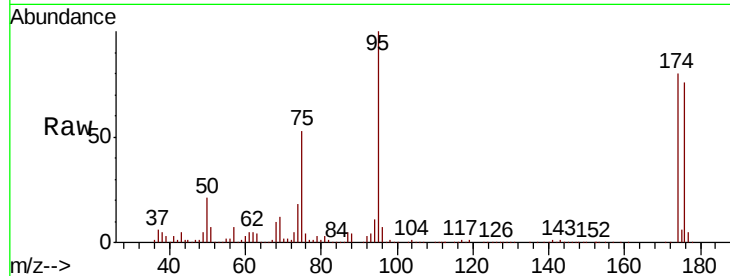
Tgt Ion: 95 Resp: 128950

Ion Ratio Lower Upper

95 100

174 82.5 0.0 160.4

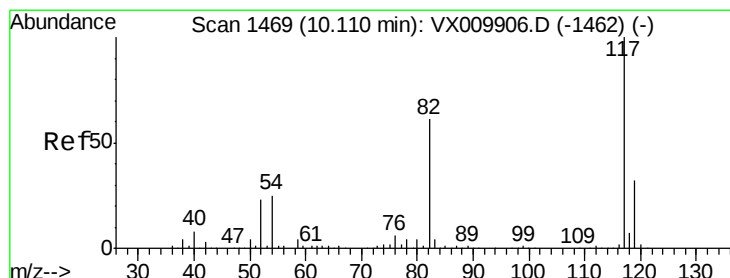
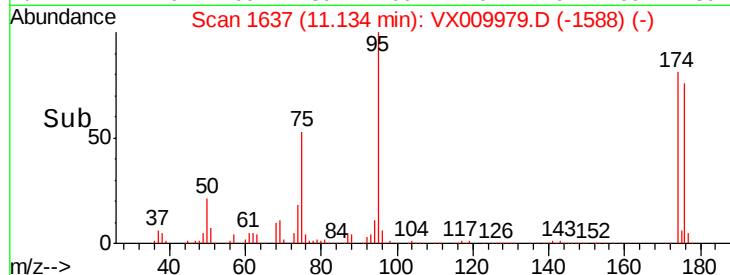
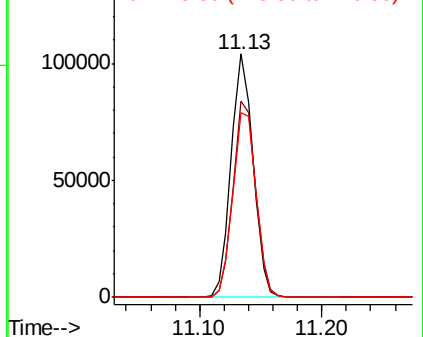
176 80.4 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009979.D

Acq: 31 May 2019 12:24

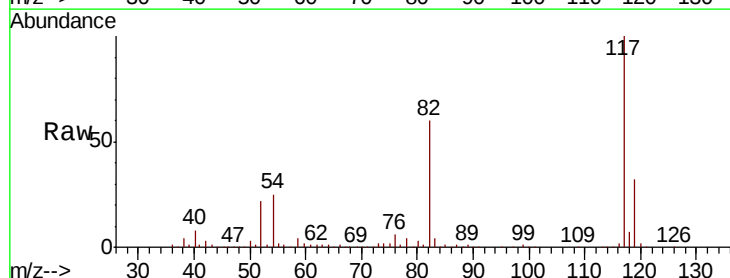
Tgt Ion: 117 Resp: 261697

Ion Ratio Lower Upper

117 100

82 60.1 49.2 73.8

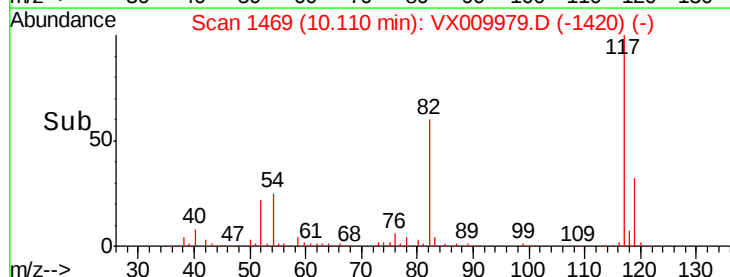
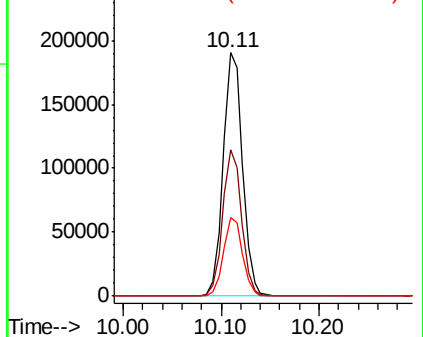
119 32.0 25.2 37.8

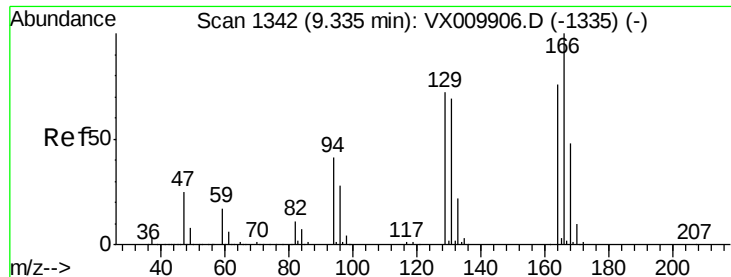


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 3.786 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009979.D

Acq: 31 May 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
COMP-2

Tgt Ion:164 Resp: 6921

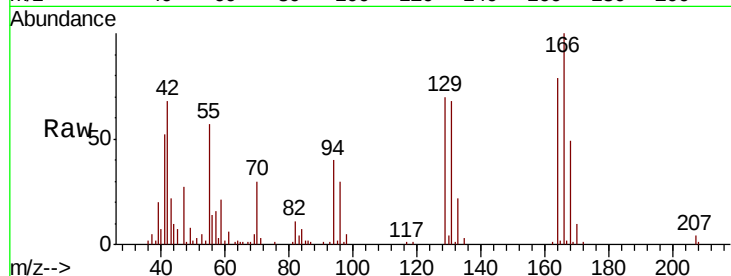
Ion Ratio Lower Upper

164 100

166 127.2 105.0 157.4

129 88.5 75.1 112.7

131 86.0 72.2 108.4

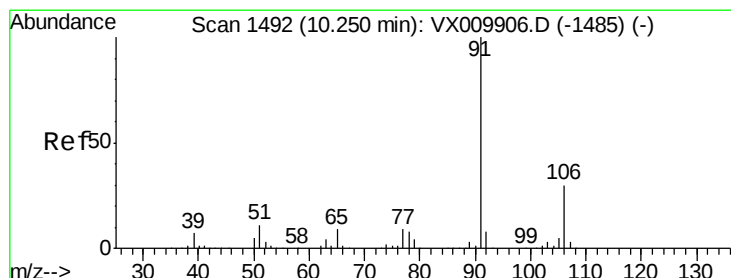
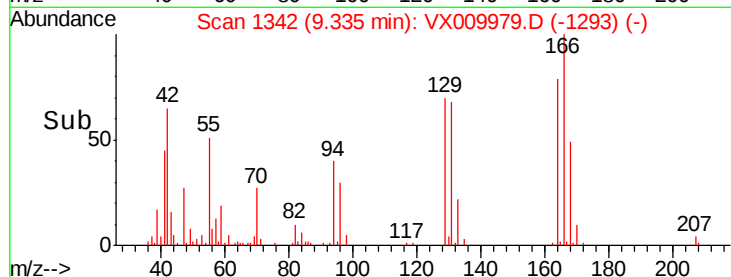
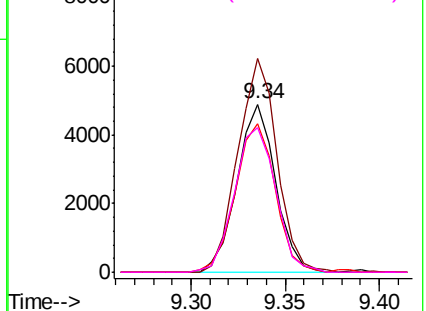


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 1.834 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009979.D

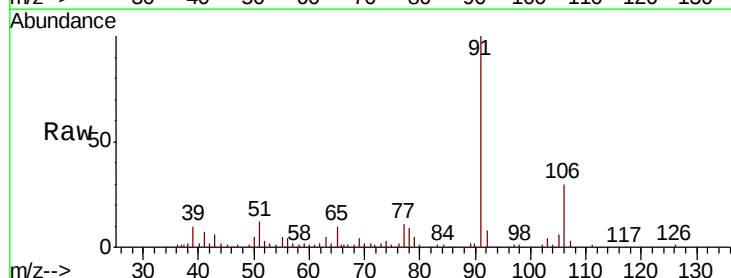
Acq: 31 May 2019 12:24

Tgt Ion: 91 Resp: 18044

Ion Ratio Lower Upper

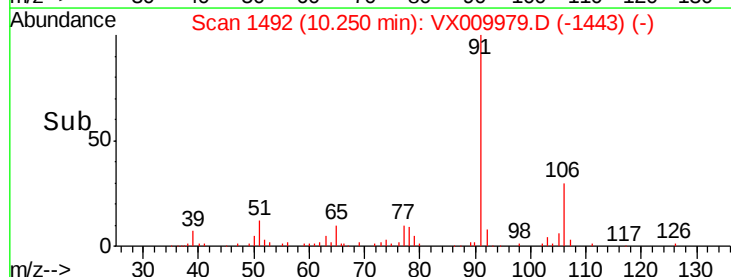
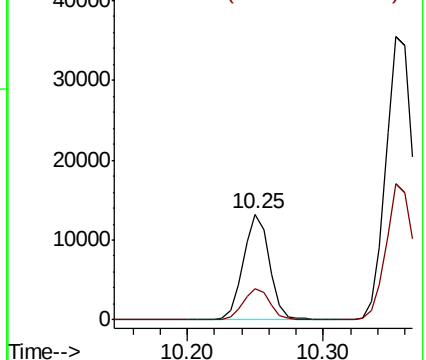
91 100

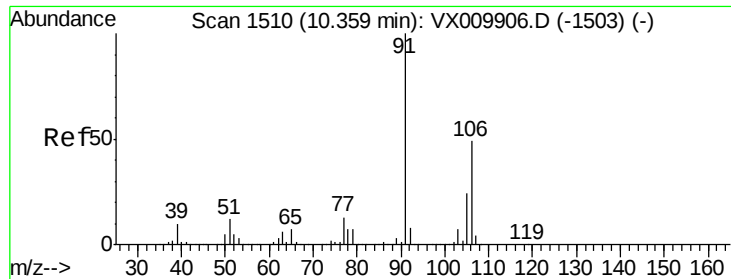
106 29.5 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

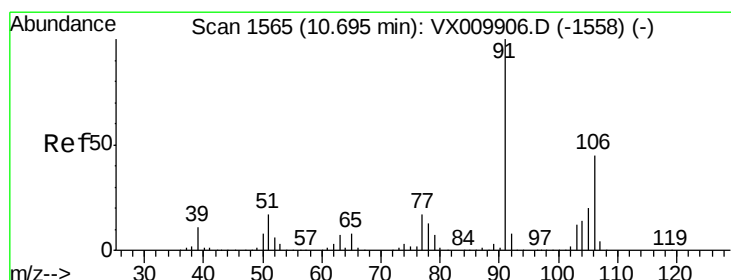
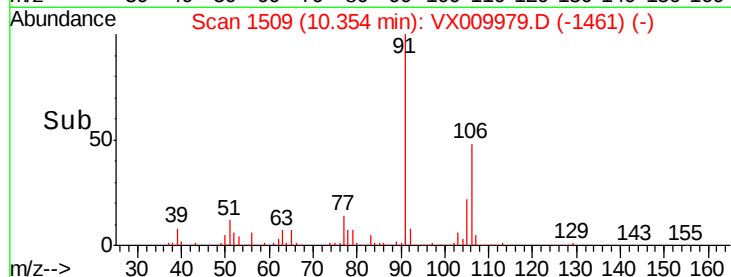
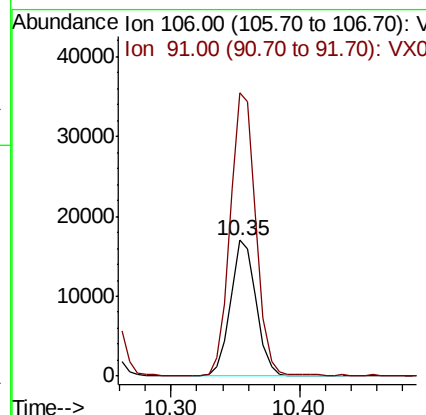
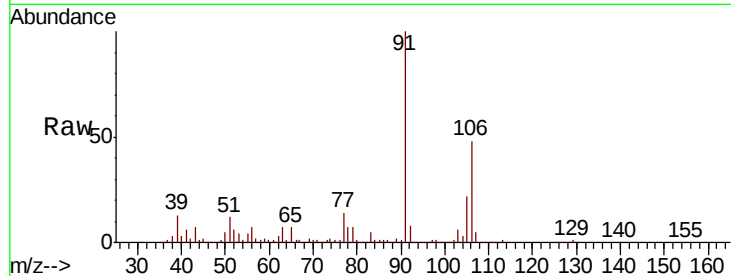




#68
m/p-Xylenes
Concen: 6.578 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009979.D
Acq: 31 May 2019 12:24

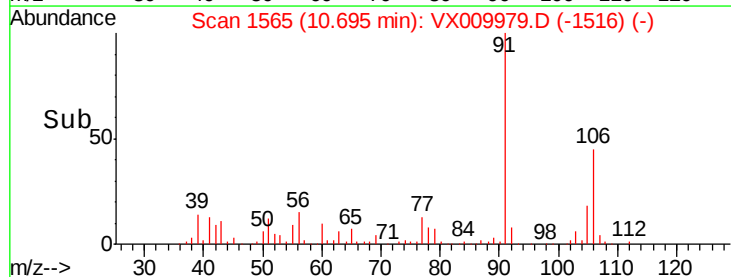
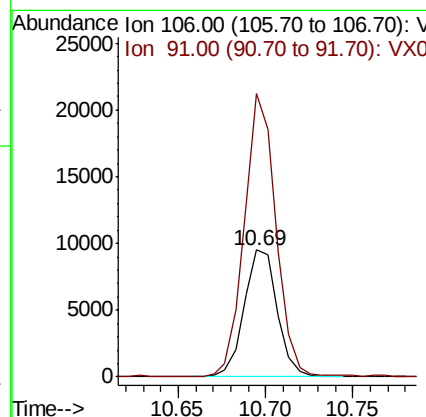
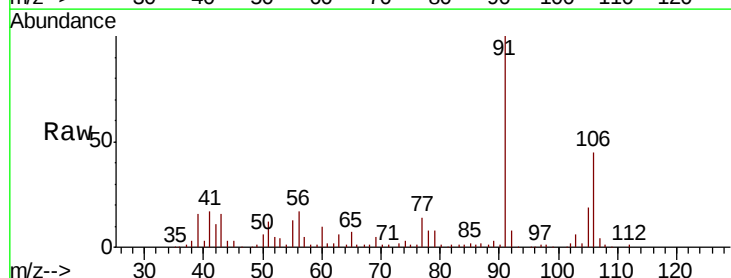
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

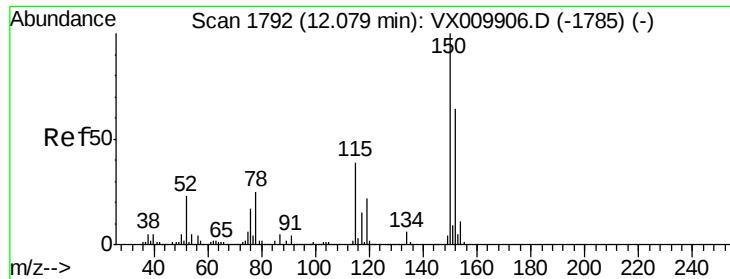
Tgt Ion:106 Resp: 23906
Ion Ratio Lower Upper
106 100
91 207.8 167.3 250.9



#69
o-Xylene
Concen: 3.579 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX009979.D
Acq: 31 May 2019 12:24

Tgt Ion:106 Resp: 12473
Ion Ratio Lower Upper
106 100
91 214.7 110.4 331.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009979.D

Acq: 31 May 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

COMP-2

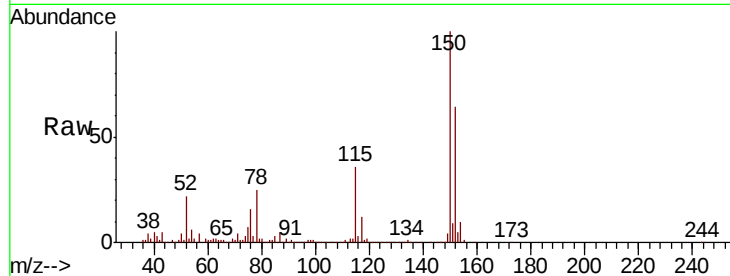
Tgt Ion:152 Resp: 124000

Ion Ratio Lower Upper

152 100

115 60.2 41.4 124.2

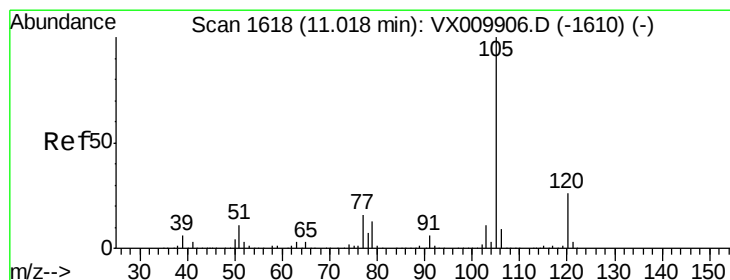
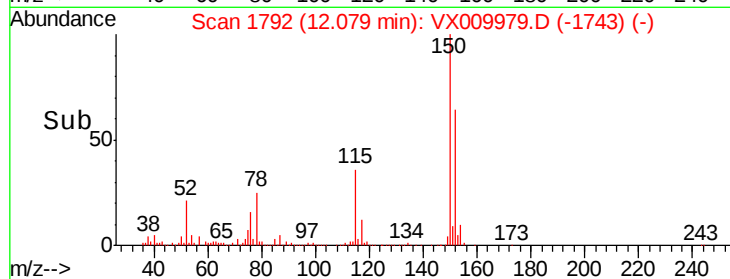
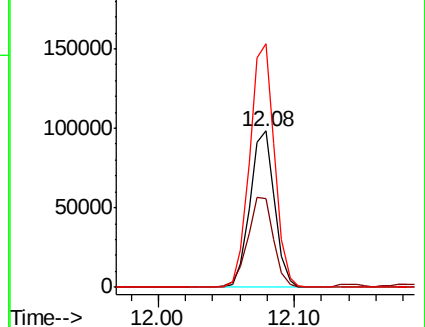
150 156.8 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.309 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009979.D

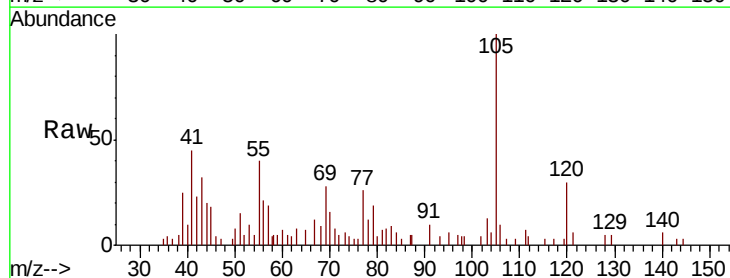
Acq: 31 May 2019 12:24

Tgt Ion:105 Resp: 2829

Ion Ratio Lower Upper

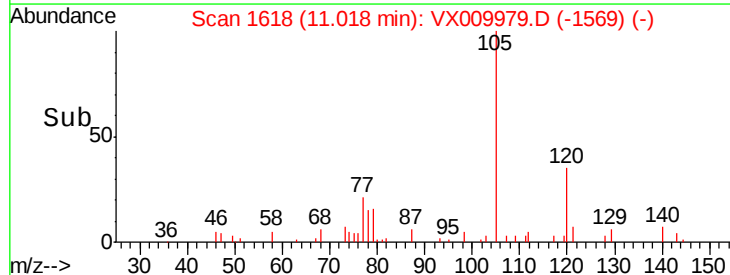
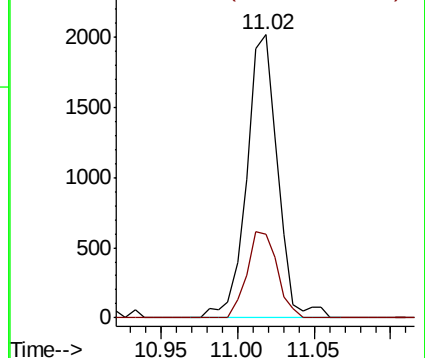
105 100

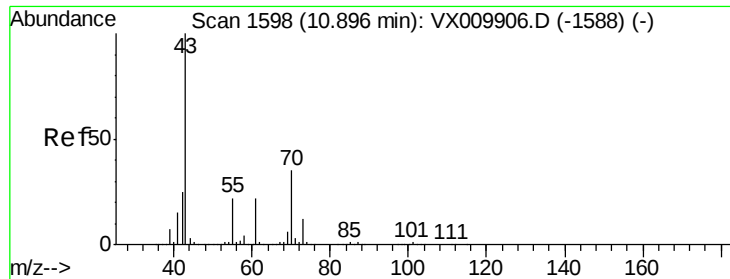
120 29.7 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 3.204 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX009979.D

Acq: 31 May 2019 12:24

Instrument :

MSVOA_X

ClientSampleID :

COMP-2

Tgt Ion: 43 Resp: 17514

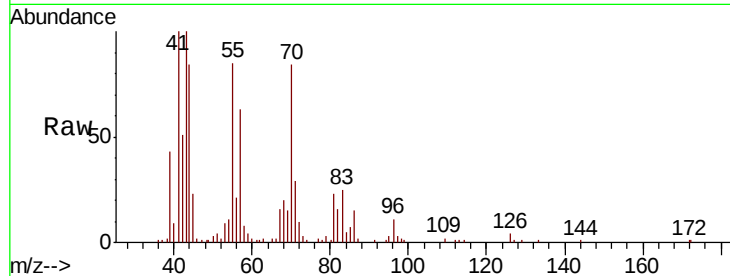
Ion Ratio Lower Upper

43 100

70 63.6 28.6 43.0#

55 74.0 17.8 26.8#

61 3.0 17.7 26.5#

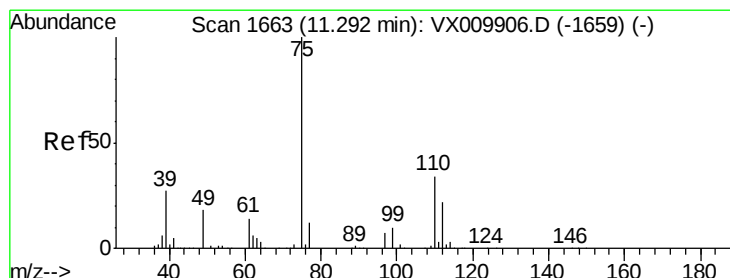
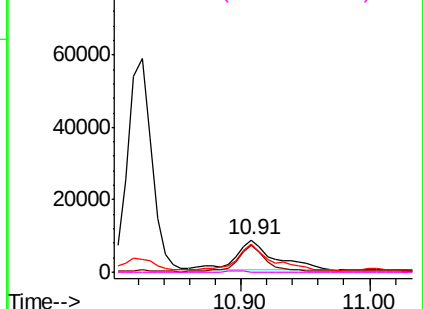
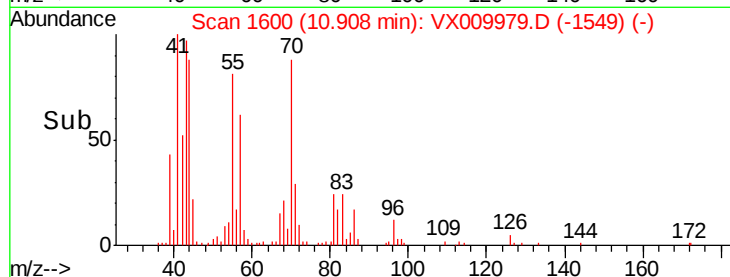


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.692 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009979.D

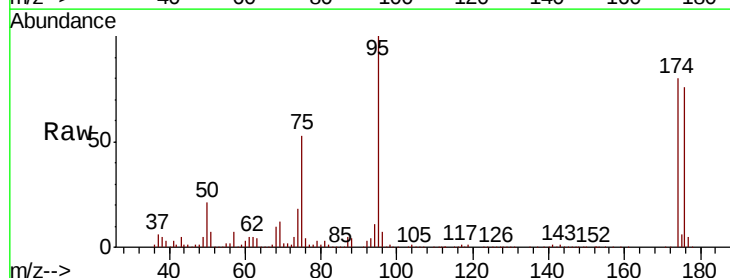
Acq: 31 May 2019 12:24

Tgt Ion: 75 Resp: 67286

Ion Ratio Lower Upper

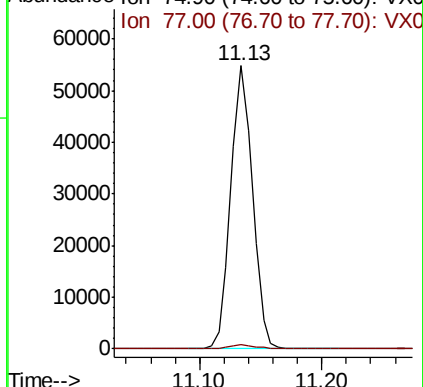
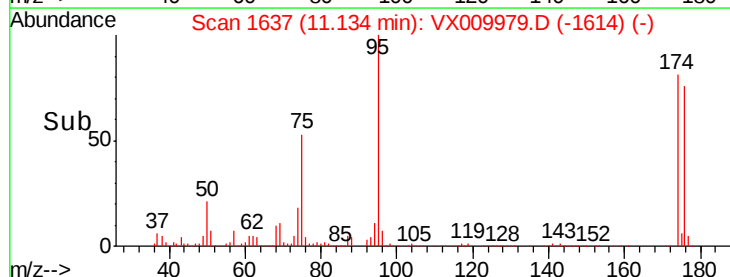
75 100

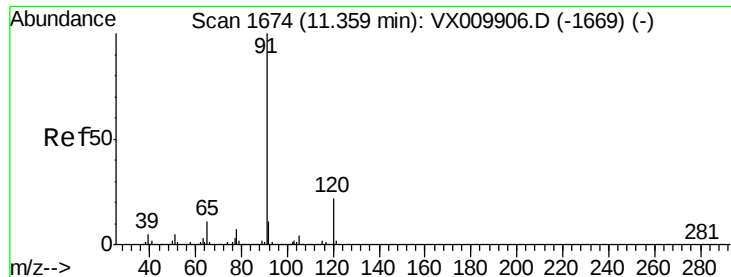
77 1.5 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 1.017 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009979.D

Acq: 31 May 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

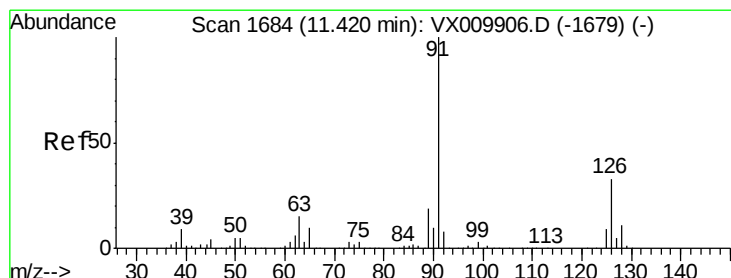
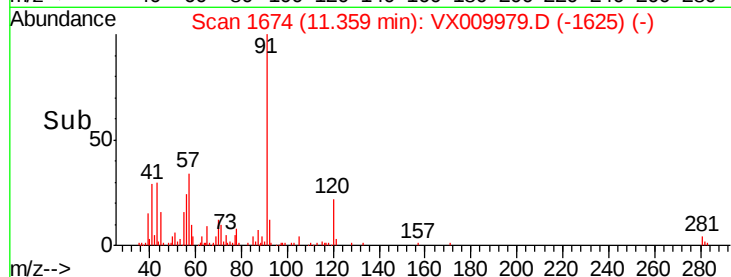
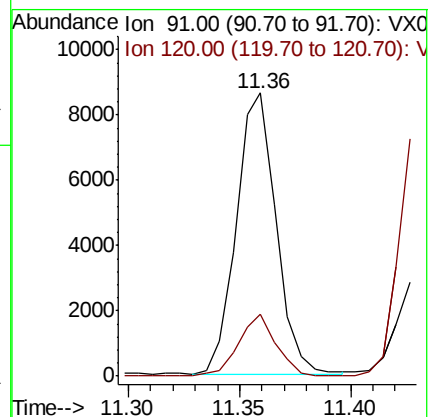
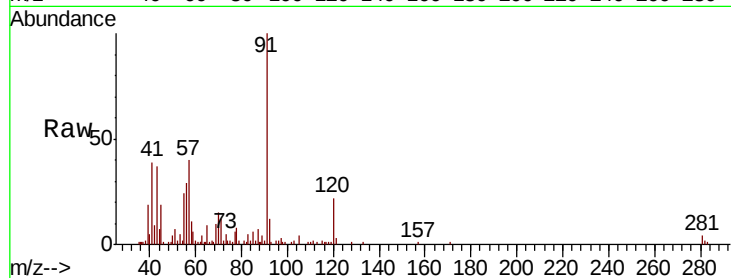
COMP-2

Tgt Ion: 91 Resp: 10720

Ion Ratio Lower Upper

91 100

120 20.8 11.1 33.3



#79

2-Chlorotoluene

Concen: 0.931 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX009979.D

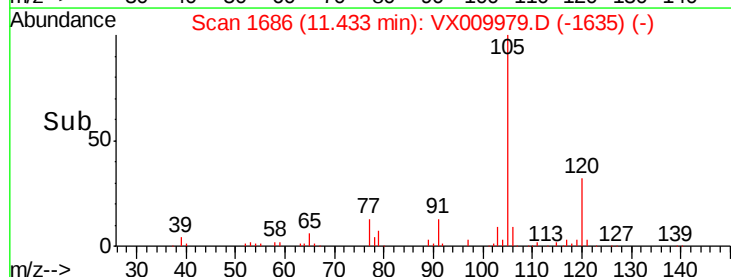
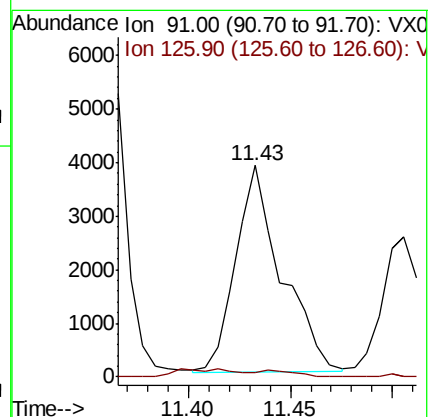
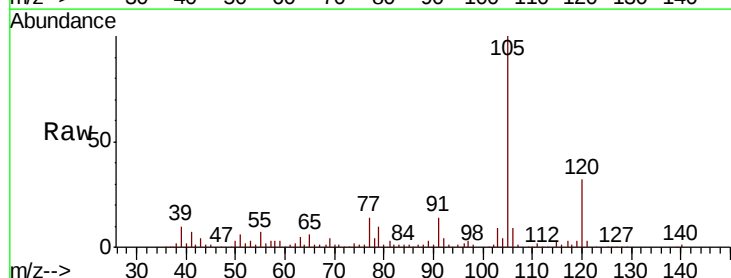
Acq: 31 May 2019 12:24

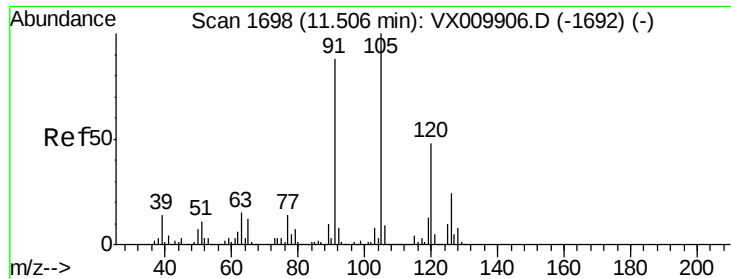
Tgt Ion: 91 Resp: 5998

Ion Ratio Lower Upper

91 100

126 2.2 16.1 48.3#

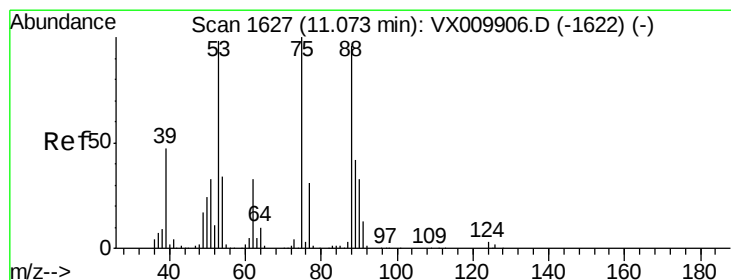
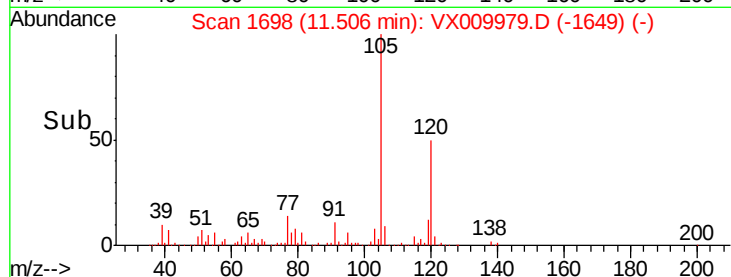
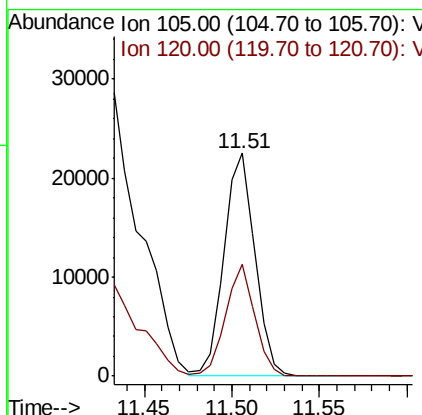
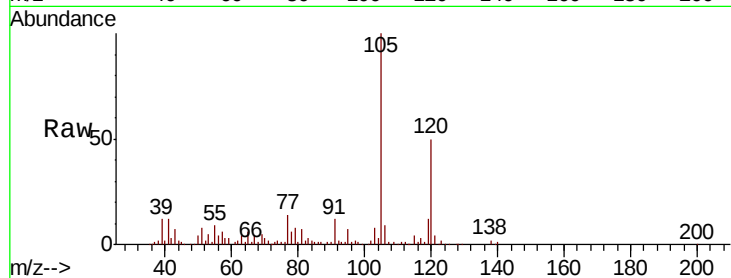




#80
 1,3,5-Trimethylbenzene
 Concen: 3.597 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009979.D
 Acq: 31 May 2019 12:24

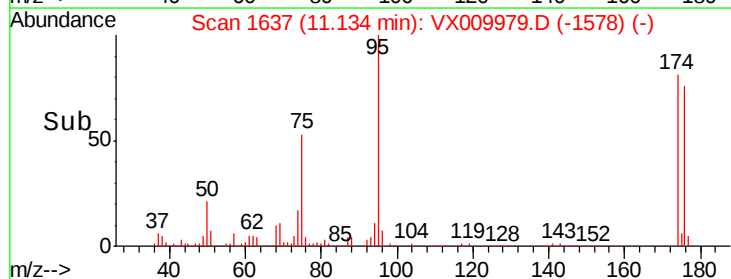
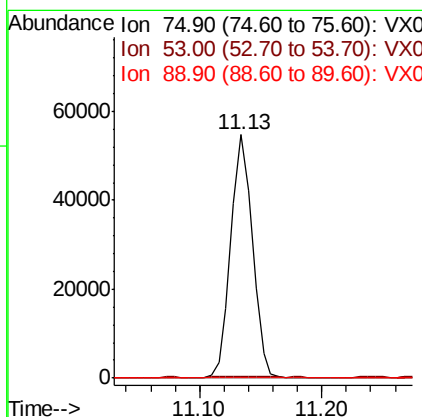
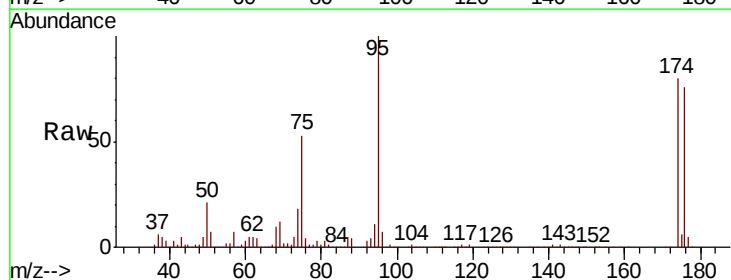
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-2

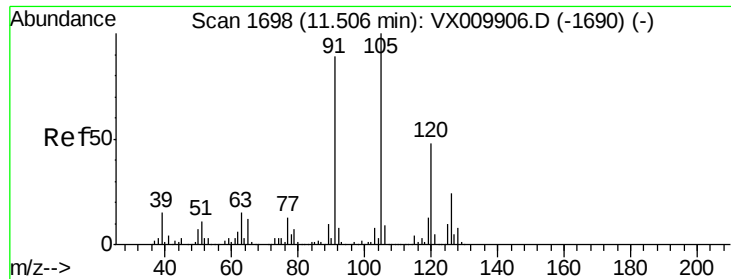
Tgt Ion:105 Resp: 27727
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.143 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX009979.D
 Acq: 31 May 2019 12:24

Tgt Ion: 75 Resp: 67286
 Ion Ratio Lower Upper
 75 100
 53 0.7 79.8 119.6#
 89 0.0 34.2 51.4#

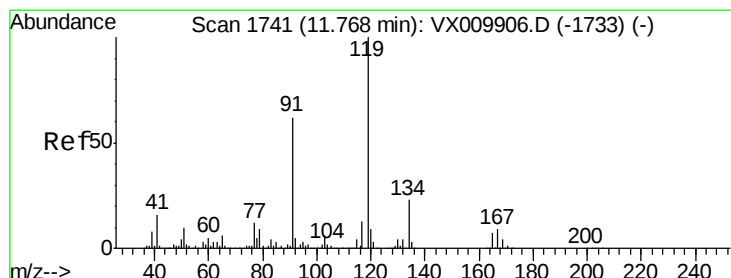
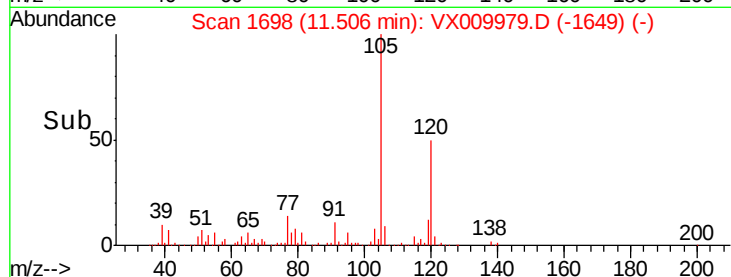
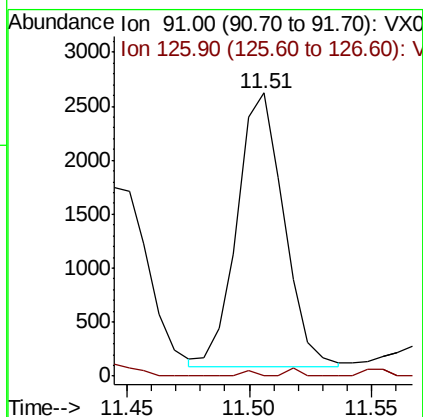
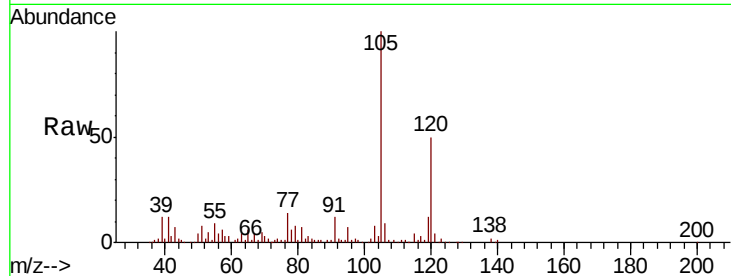




#82
4-Chlorotoluene
Concen: 0.452 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009979.D
Acq: 31 May 2019 12:24

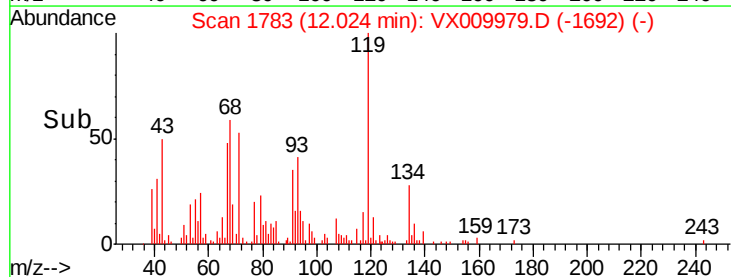
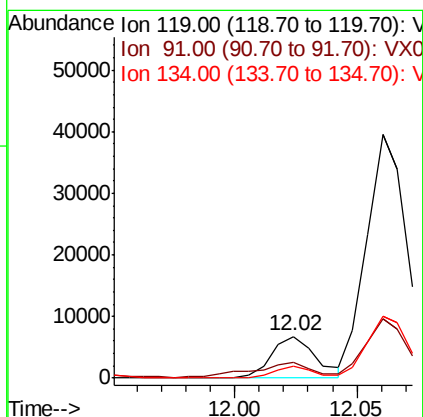
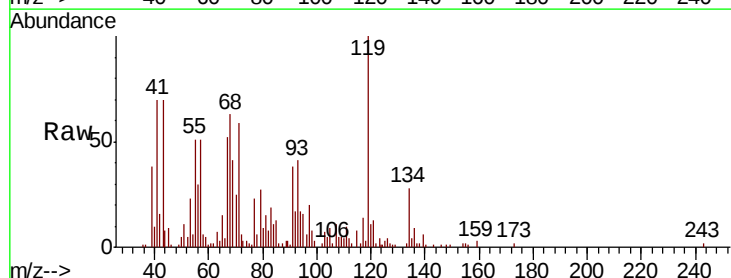
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

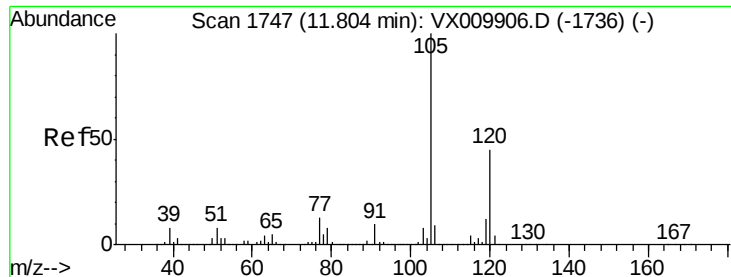
Tgt Ion: 91 Resp: 3391
Ion Ratio Lower Upper
91 100
126 0.8 14.2 42.6#



#83
tert-Butylbenzene
Concen: 1.168 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.26 min
Lab File: VX009979.D
Acq: 31 May 2019 12:24

Tgt Ion: 119 Resp: 8616
Ion Ratio Lower Upper
119 100
91 46.2 30.0 90.0
134 26.4 11.2 33.5

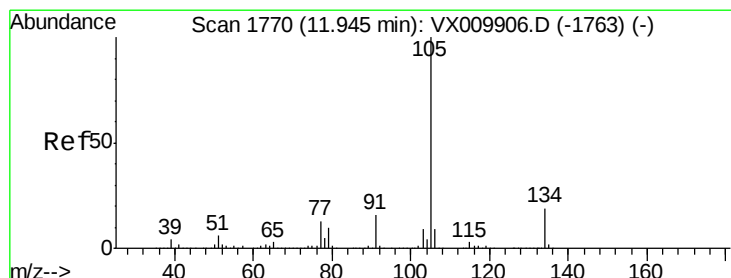
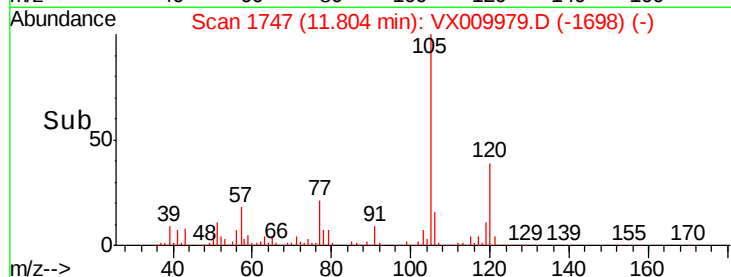
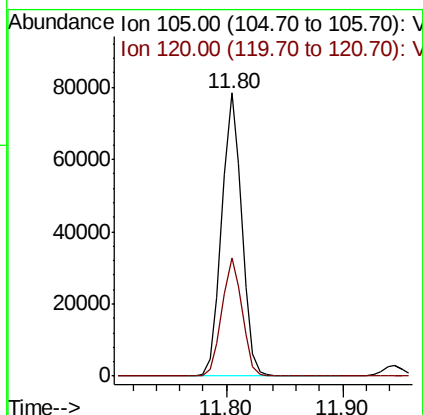
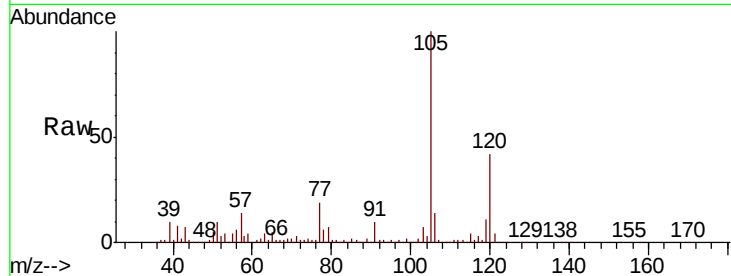




#84
 1,2,4-Trimethylbenzene
 Concen: 11.874 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009979.D
 Acq: 31 May 2019 12:24

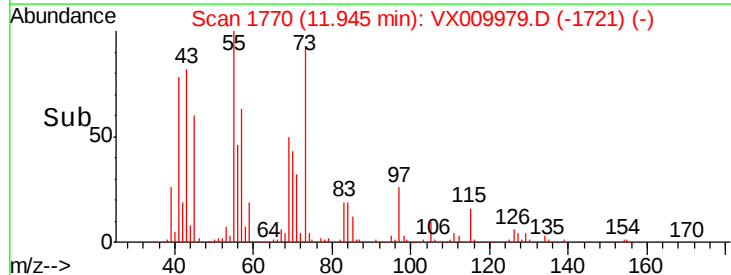
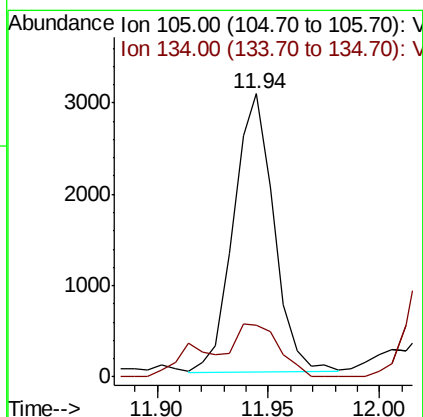
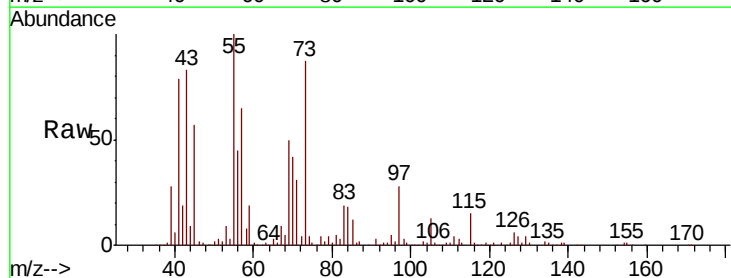
Instrument :
 MSVOA_X
 ClientSampled :
 COMP-2

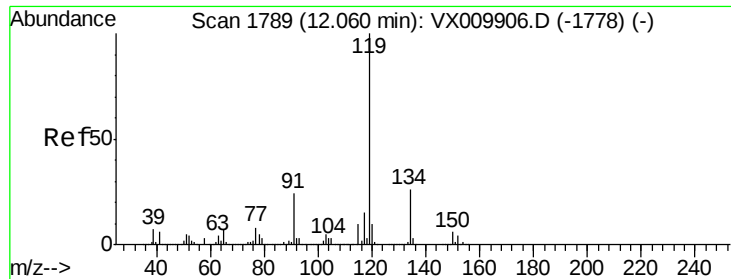
Tgt Ion:105 Resp: 92944
 Ion Ratio Lower Upper
 105 100
 120 41.9 22.1 66.1



#85
 sec-Butylbenzene
 Concen: 0.437 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009979.D
 Acq: 31 May 2019 12:24

Tgt Ion:105 Resp: 3830
 Ion Ratio Lower Upper
 105 100
 134 21.7 9.7 28.9

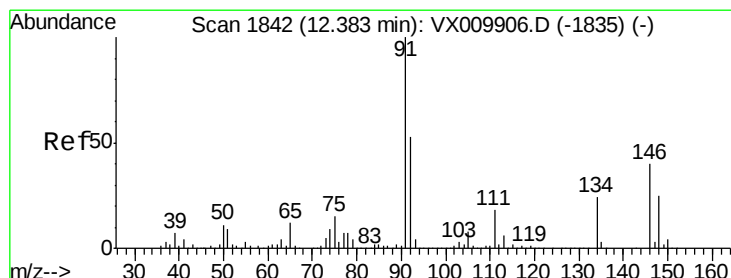
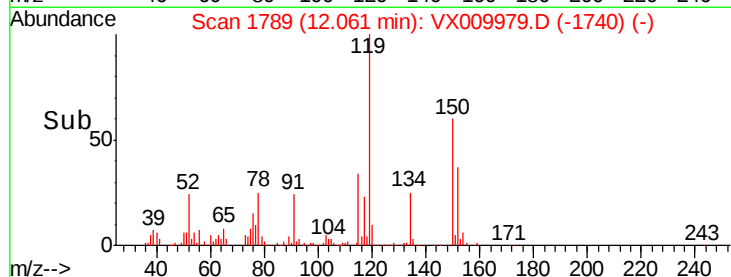
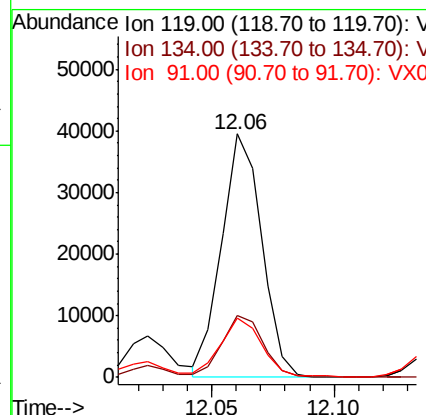
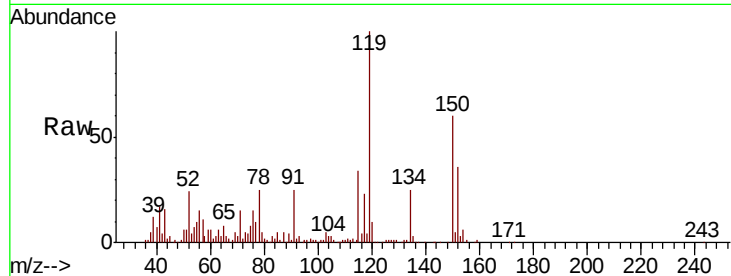




#86
p-Isopropyltoluene
Concen: 5.705 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX009979.D
Acq: 31 May 2019 12:24

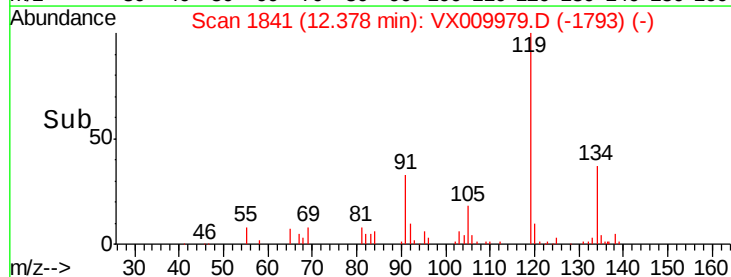
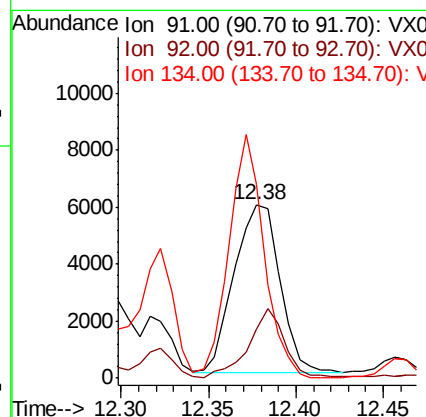
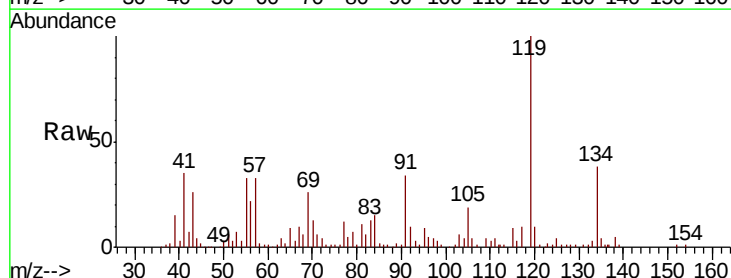
Instrument :
MSVOA_X
ClientSampled :
COMP-2

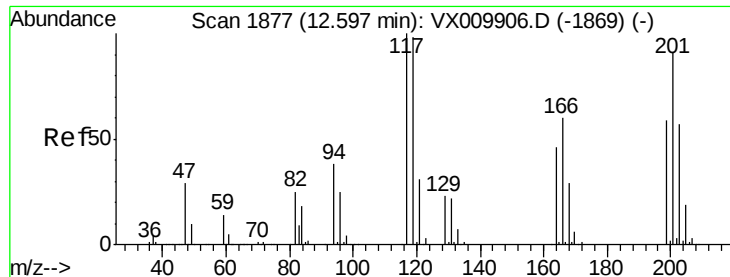
Tgt Ion: 119 Resp: 45018
Ion Ratio Lower Upper
119 100
134 26.0 12.9 38.6
91 24.7 11.9 35.9



#89
n-Butylbenzene
Concen: 1.443 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX009979.D
Acq: 31 May 2019 12:24

Tgt Ion: 91 Resp: 10703
Ion Ratio Lower Upper
91 100
92 32.6 26.3 78.8
134 111.6 12.3 36.8#





#90

Hexachloroethane

Concen: 1.381 ug/l

RT: 12.60 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VX009979.D

Acq: 31 May 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

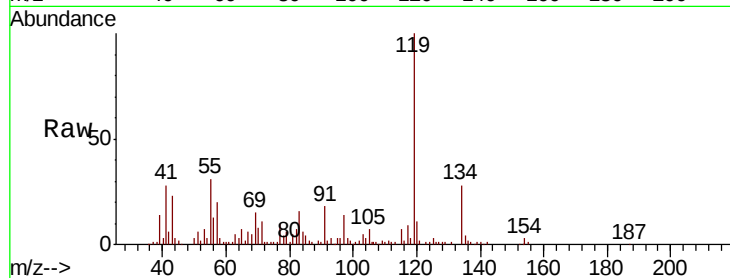
COMP-2

Tgt Ion:117 Resp: 1870

Ion Ratio Lower Upper

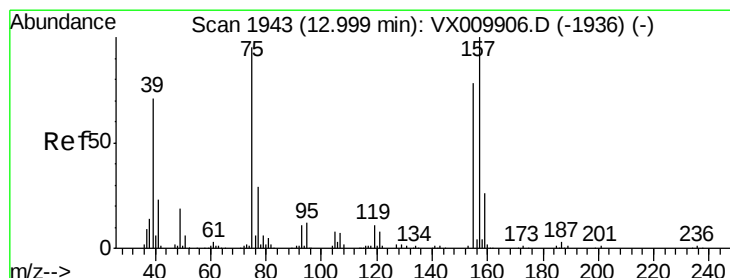
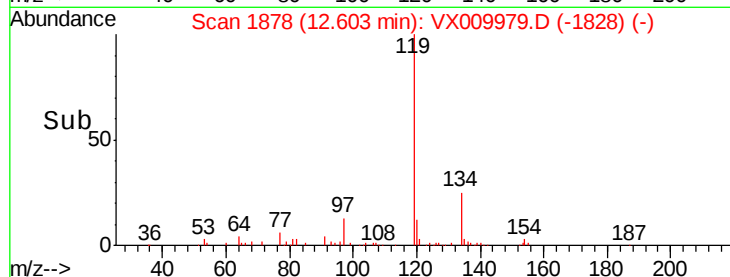
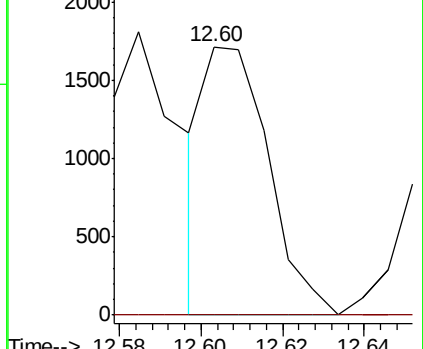
117 100

201 0.0 43.6 130.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.621 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX009979.D

Acq: 31 May 2019 12:24

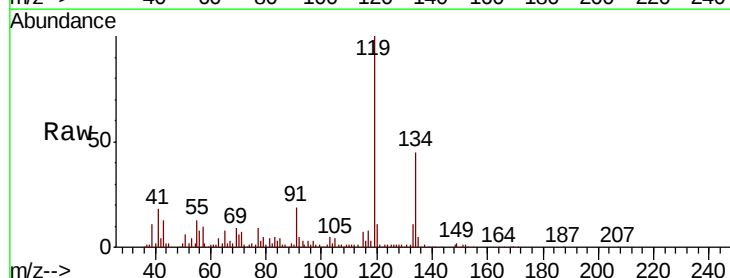
Tgt Ion: 75 Resp: 499

Ion Ratio Lower Upper

75 100

155 23.2 39.3 117.8#

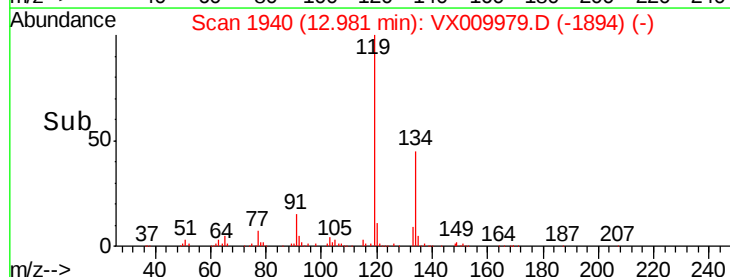
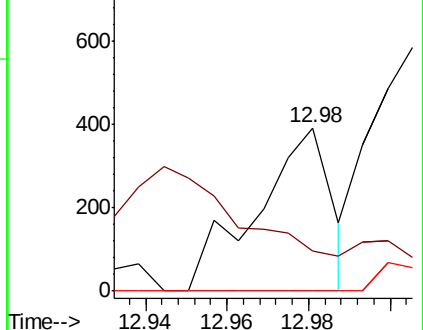
157 9.0 50.6 151.8#

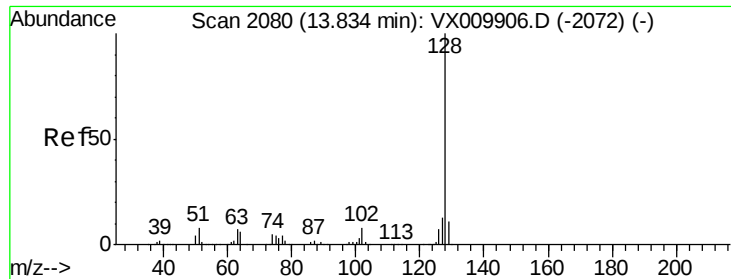


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

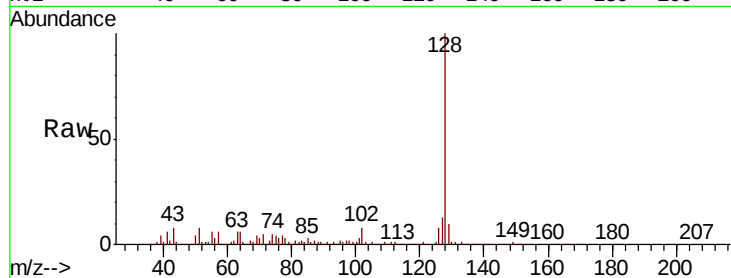




#95
Naphthalene
Concen: 8.682 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009979.D
Acq: 31 May 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
COMP-2

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	11.9	8.8	13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

