

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
 Data File : VX013143.D
 Acq On : 18 Oct 2019 21:24
 Operator : JC/SP
 Sample : K5451-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JPZ0348-9001

Quant Time: Oct 19 00:01:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	163340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	256737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	218137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	81861	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	98471	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	
35) Dibromofluoromethane	5.49	113	77794	52.79	ug/l	0.00
Spiked Amount			Recovery	=	105.58%	
50) Toluene-d8	8.71	98	298109	51.87	ug/l	0.00
Spiked Amount			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	11.13	95	96499	43.21	ug/l	0.00
Spiked Amount			Recovery	=	86.42%	

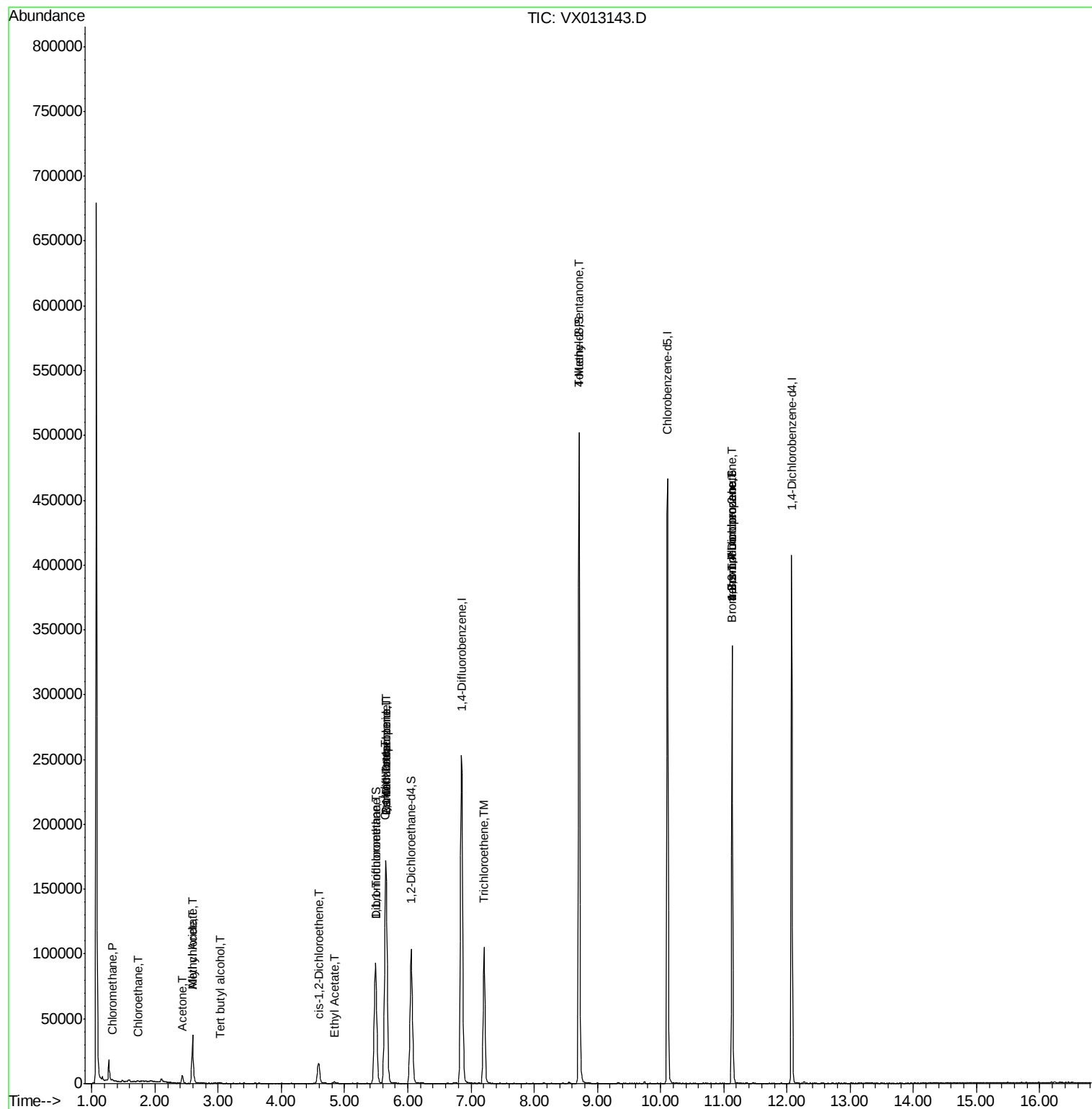
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	551	0.304	ug/l #	82
6) Chloroethane	1.73	64	664	0.945	ug/l #	43
11) Tert butyl alcohol	3.03	59	809	1.495	ug/l #	72
14) Allyl chloride	2.59	41	3577	1.217	ug/l #	58
16) Acetone	2.43	43	6526	6.065	ug/l	95
18) Methyl Acetate	2.59	43	9784	3.836	ug/l #	51
27) cis-1,2-Dichloroethene	4.59	96	10027	4.917	ug/l	87
31) Cyclohexane	5.64	56	3009	1.015	ug/l #	17
32) 1,1,1-Trichloroethane	5.49	97	2765	1.004	ug/l #	50
36) 1,1-Dichloropropene	5.65	75	12116	5.368	ug/l #	51
37) Ethyl Acetate	4.84	43	2254	0.893	ug/l #	76
38) Carbon Tetrachloride	5.65	117	17183	7.821	ug/l #	16
44) Trichloroethene	7.21	130	41430	22.410	ug/l	96
51) 4-Methyl-2-Pentanone	8.71	43	1385	0.548	ug/l #	1
71) Bromoform	11.12	173	177	3.262	ug/l #	29
76) 1,2,3-Trichloropropane	11.13	75	49861	27.462	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	49861	68.933	ug/l #	10

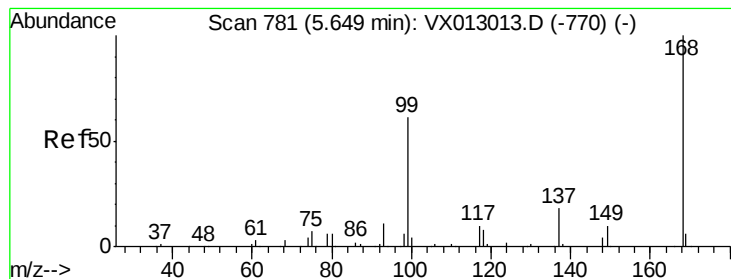
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101819\
Data File : VX013143.D
Acq On : 18 Oct 2019 21:24
Operator : JC/SP
Sample : K5451-14
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FA19-JPZ0348-9001

Quant Time: Oct 19 00:01:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 07:26:22 2019
Response via : Initial Calibration

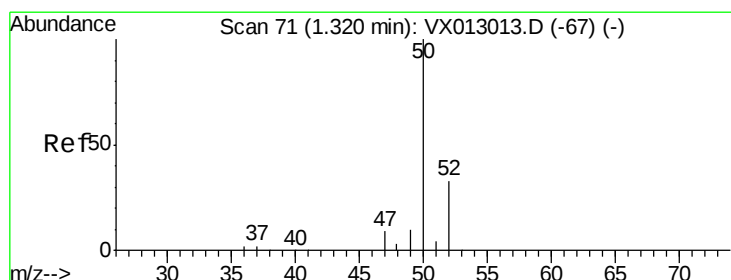
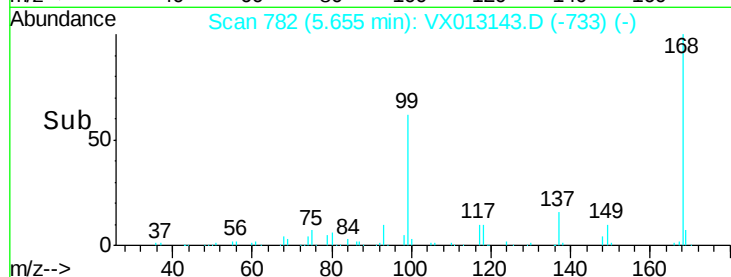
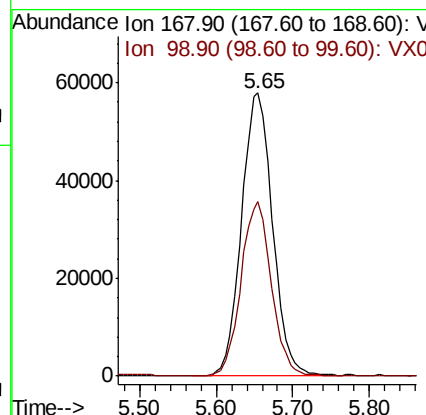
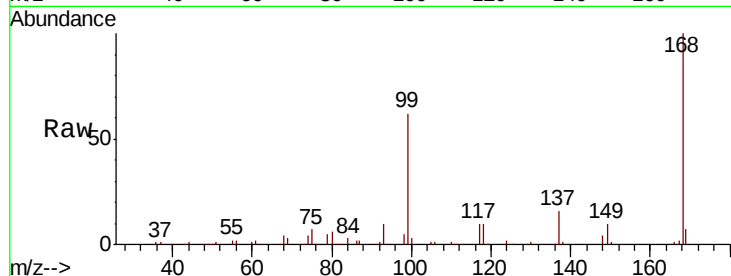




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX013143.D
Acq: 18 Oct 2019 21:24

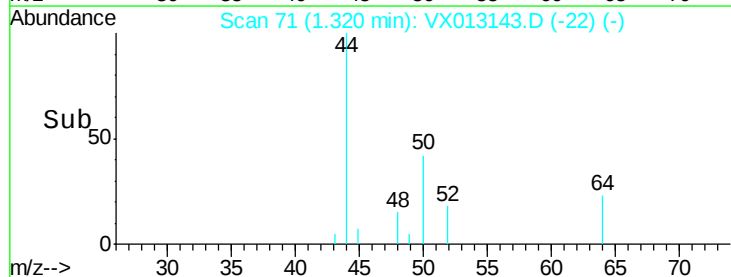
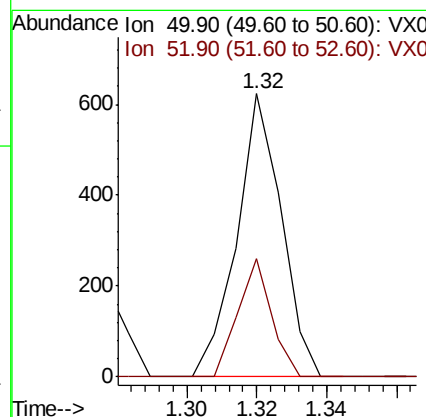
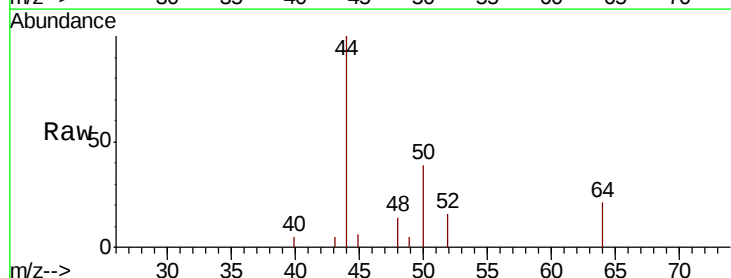
Instrument :
MSVOA_X
ClientSampleId :
FA19-JPZ0348-9001

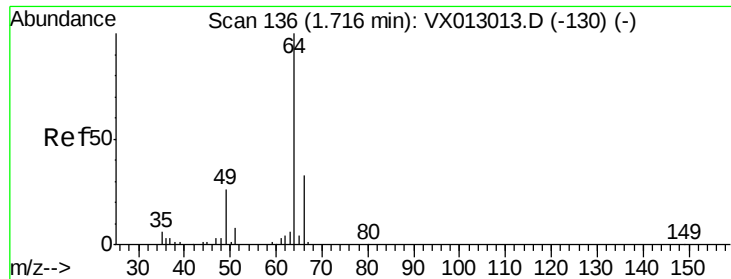
Tot Ion:168 Resp: 163340
Ion Ratio Lower Upper
168 100
99 61.6 49.4 74.0



#3
Chloromethane
Concen: 0.304 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX013143.D
Acq: 18 Oct 2019 21:24

Tgt Ion: 50 Resp: 551
Ion Ratio Lower Upper
50 100
52 41.6 25.2 37.8#





#6

Chloroethane

Concen: 0.945 ug/l

RT: 1.73 min Scan# 139

Delta R.T. 0.02 min

Lab File: VX013143.D

Acq: 18 Oct 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

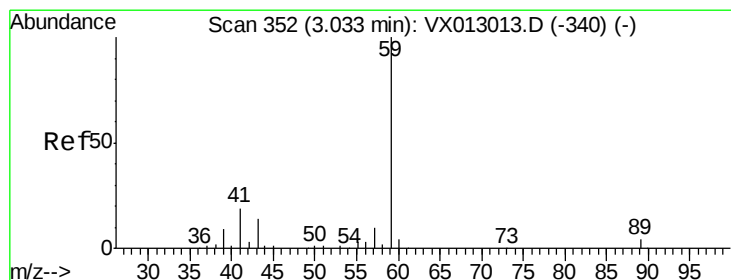
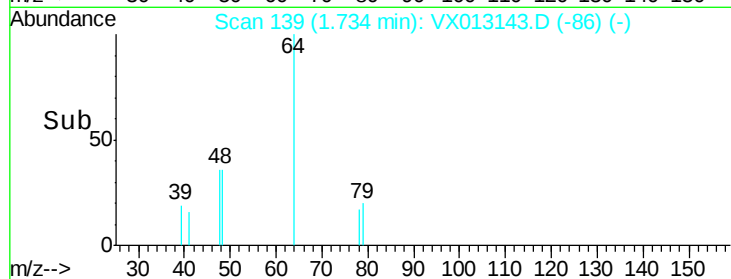
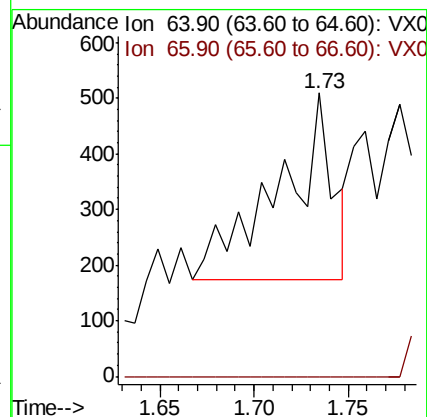
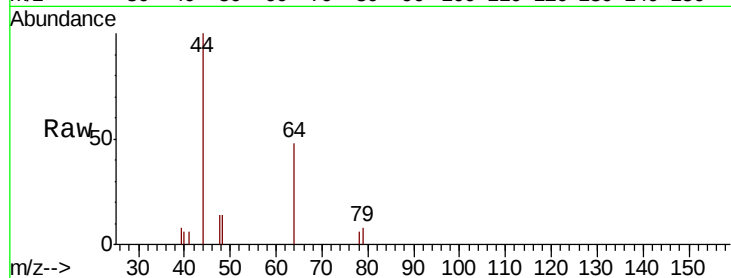
FA19-JPZ0348-9001

Tot Ion: 64 Resp: 664

Ion Ratio Lower Upper

64 100

66 0.0 25.6 38.4#



#11

Tert butyl alcohol

Concen: 1.495 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX013143.D

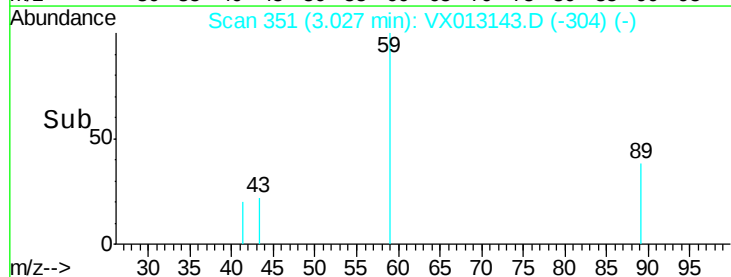
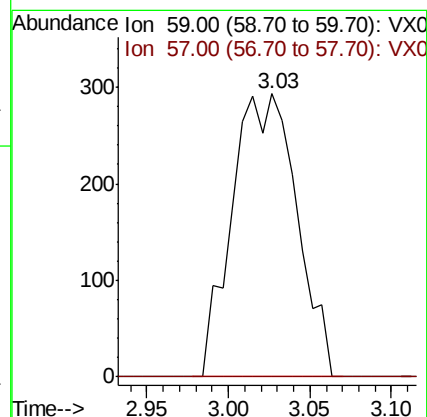
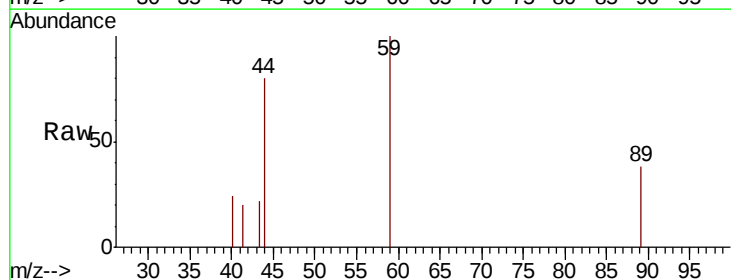
Acq: 18 Oct 2019 21:24

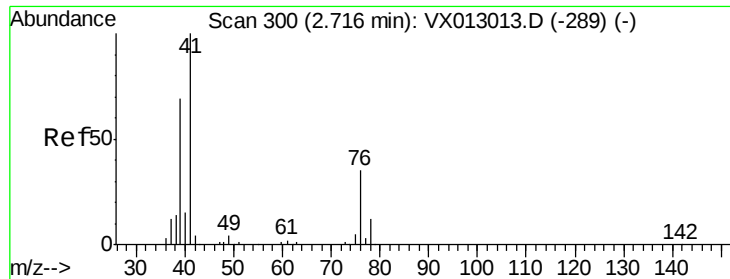
Tgt Ion: 59 Resp: 809

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#

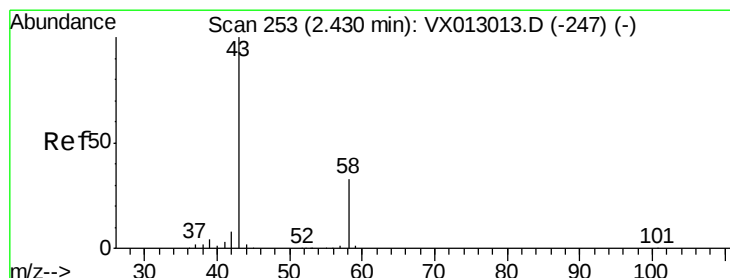
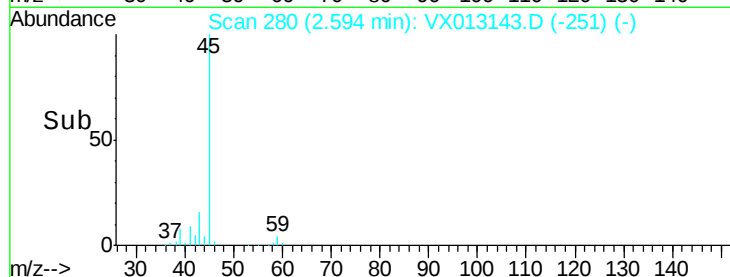
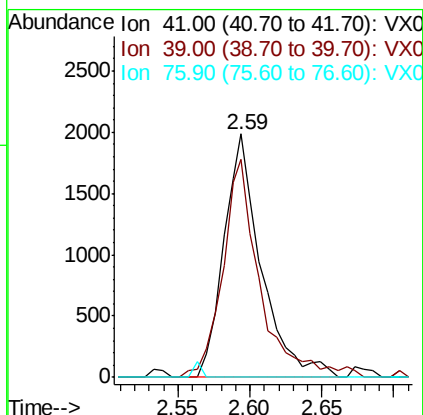
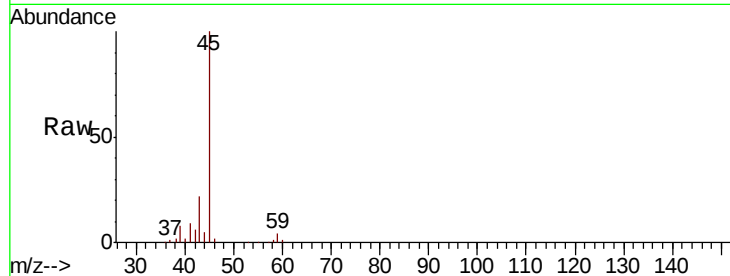




#14
Allvl chloride
Concen: 1.217 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.12 min
Lab File: VX013143.D
Acq: 18 Oct 2019 21:24

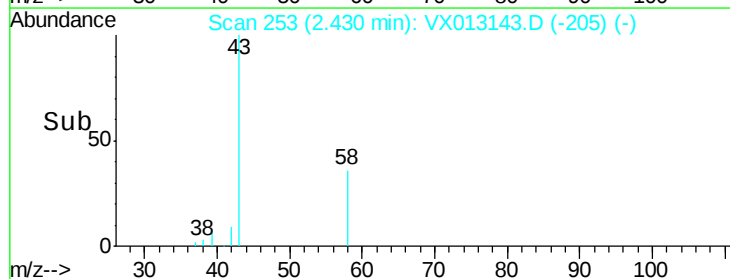
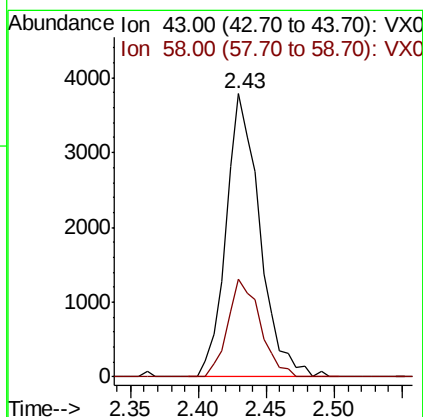
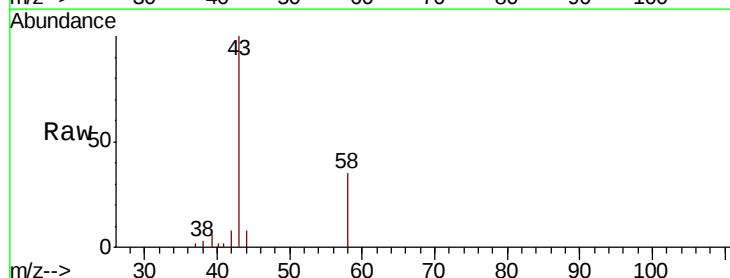
Instrument :
MSVOA_X
ClientSampleId :
FA19-JPZ0348-9001

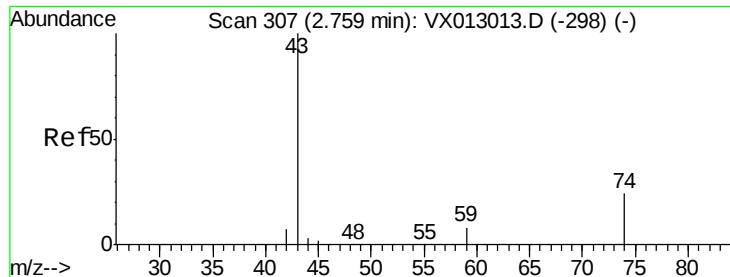
Tot Ion: 41 Resp: 3577
Ion Ratio Lower Upper
41 100
39 90.3 51.0 76.6#
76 0.0 26.2 39.4#



#16
Acetone
Concen: 6.065 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX013143.D
Acq: 18 Oct 2019 21:24

Tgt Ion: 43 Resp: 6526
Ion Ratio Lower Upper
43 100
58 34.6 25.4 38.2

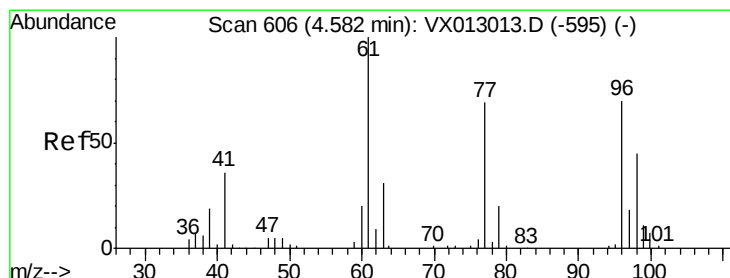
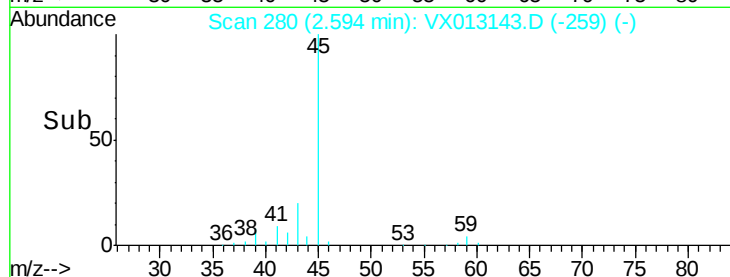
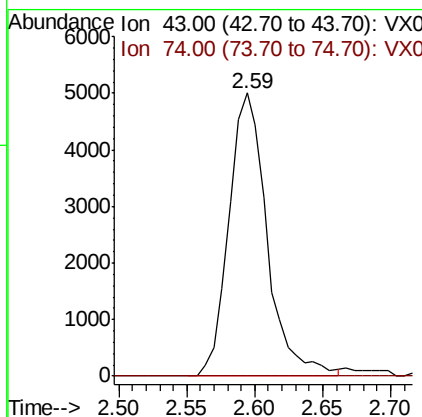
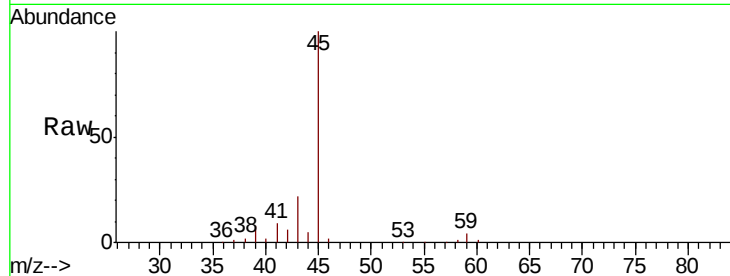




#18
Methvl Acetate
Concen: 3.836 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.17 min
Lab File: VX013143.D
Acq: 18 Oct 2019 21:24

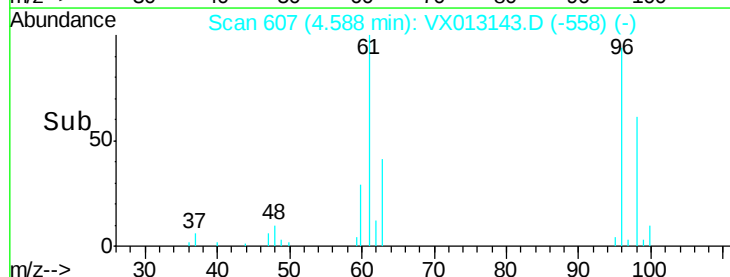
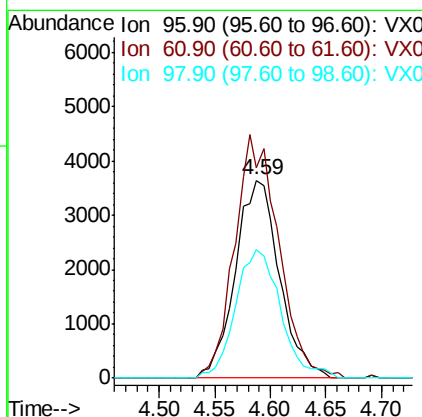
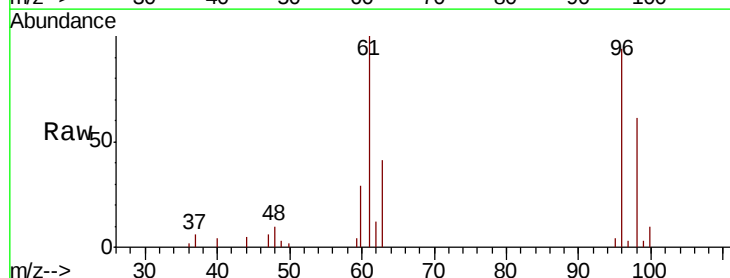
Instrument :
MSVOA_X
ClientSampleId :
FA19-JPZ0348-9001

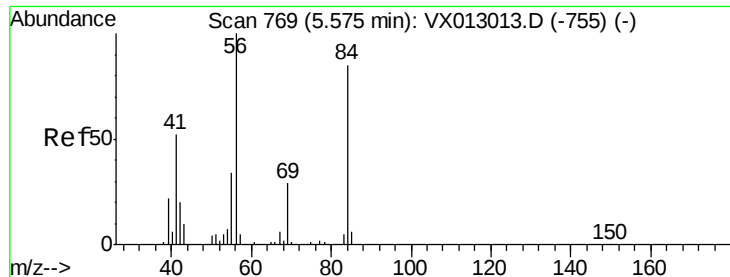
Tot Ion: 43 Resp: 9784
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#27
cis-1,2-Dichloroethene
Concen: 4.917 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX013143.D
Acq: 18 Oct 2019 21:24

Tgt Ion: 96 Resp: 10027
Ion Ratio Lower Upper
96 100
61 122.8 0.0 290.6
98 66.5 0.0 128.8

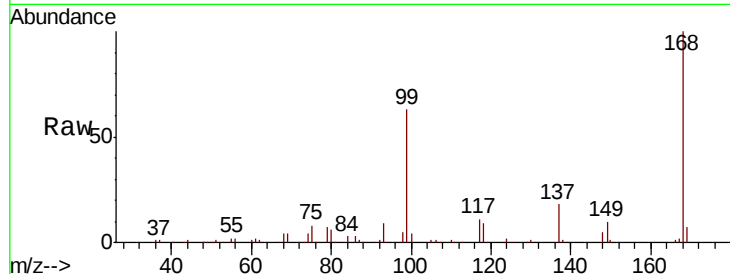




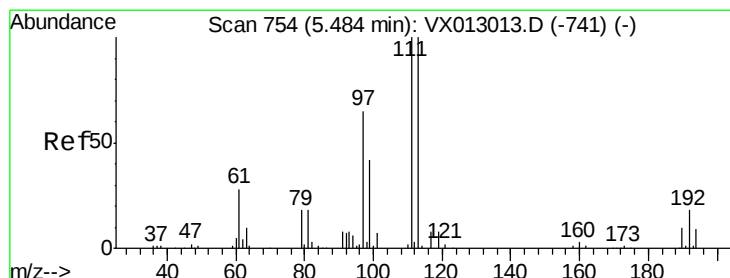
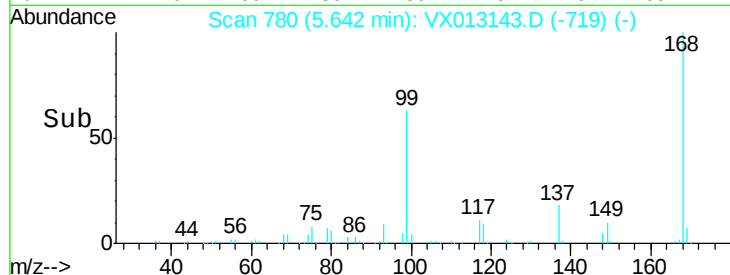
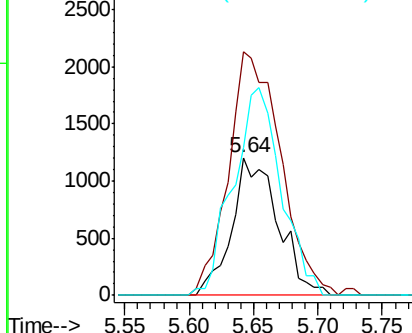
#31
Cyclohexane
Concen: 1.015 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.07 min
Lab File: VX013143.D
Acq: 18 Oct 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
FA19-JPZ0348-9001

Tot Ion: 56 Resp: 3009
Ion Ratio Lower Upper
56 100
69 176.6 25.2 37.8#
84 107.1 71.3 106.9#

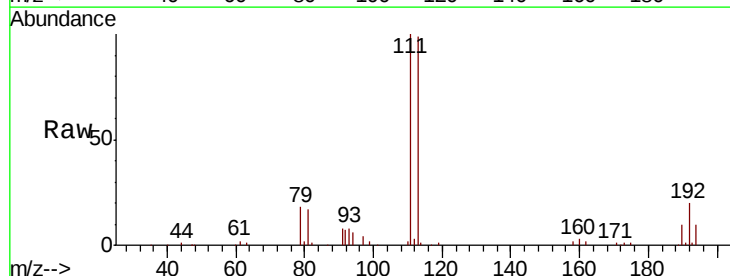


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

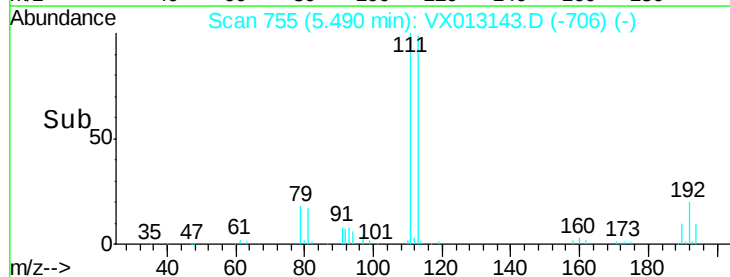
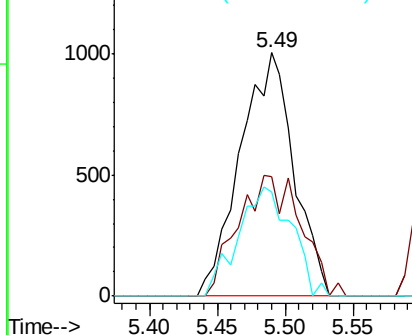


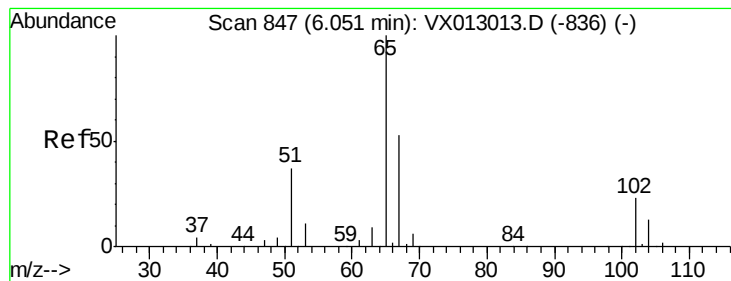
#32
1,1,1-Trichloroethane
Concen: 1.004 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013143.D
Acq: 18 Oct 2019 21:24

Tgt Ion: 97 Resp: 2765
Ion Ratio Lower Upper
97 100
99 0.0 52.3 78.5#
61 44.8 35.0 52.4



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.234 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013143.D

Acq: 18 Oct 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

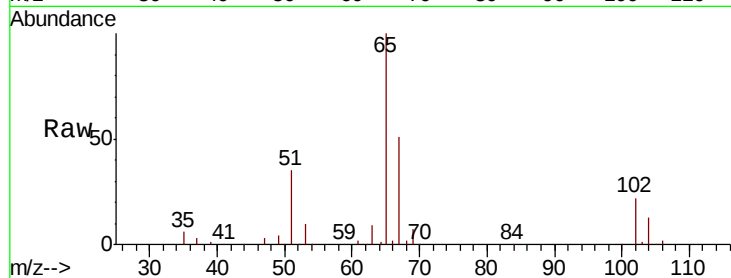
FA19-JPZ0348-9001

Tot Ion: 65 Resp: 98471

Ion Ratio Lower Upper

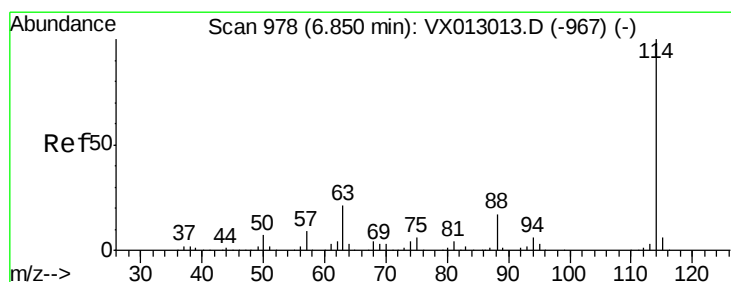
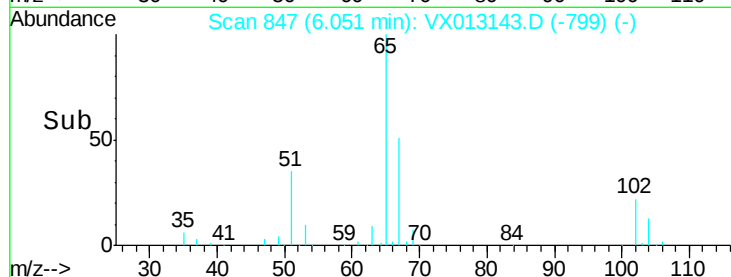
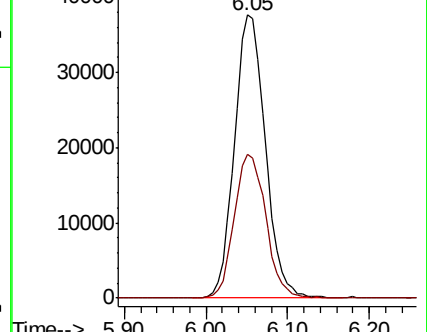
65 100

67 51.9 0.0 104.4



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: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013143.D

Acq: 18 Oct 2019 21:24

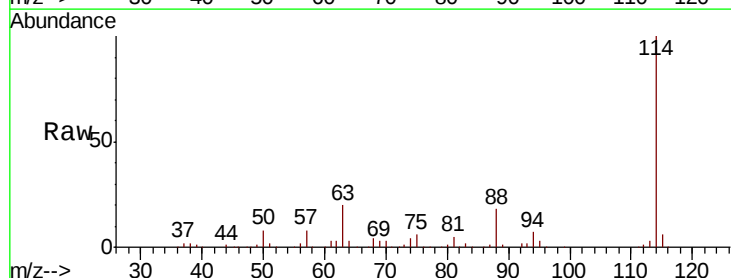
Tgt Ion: 114 Resp: 256737

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

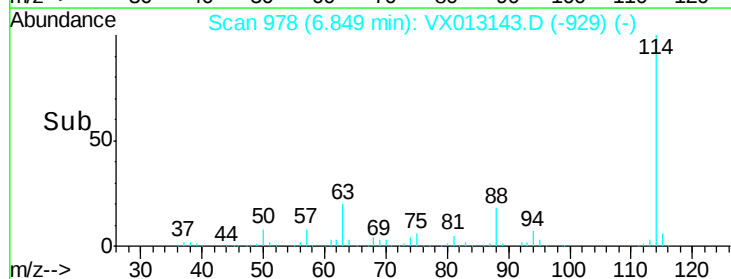
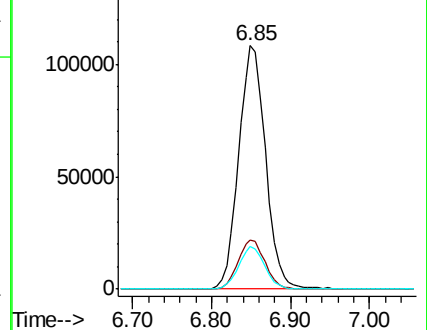
88 17.5 0.0 33.8

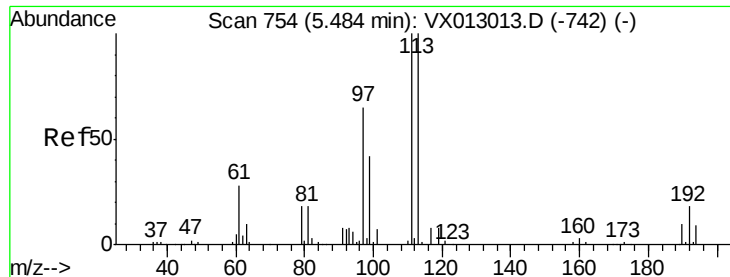


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.794 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013143.D

Acq: 18 Oct 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

FA19-JPZ0348-9001

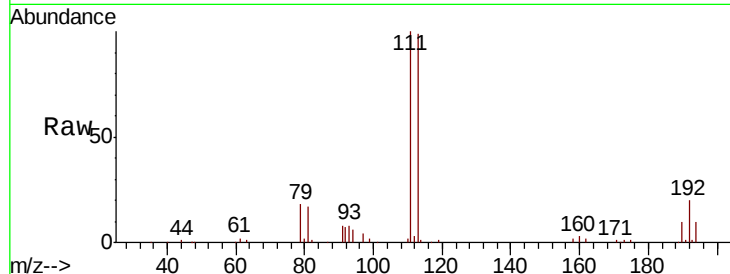
Tot Ion:113 Resp: 77794

Ion Ratio Lower Upper

113 100

111 103.1 83.2 124.8

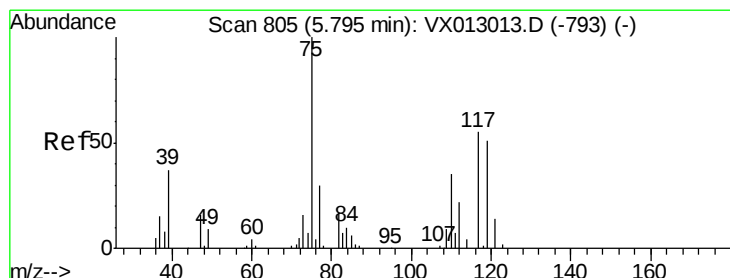
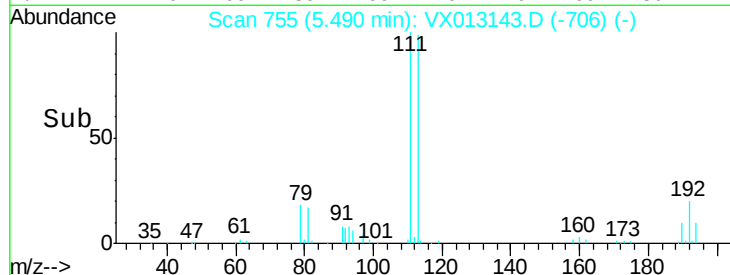
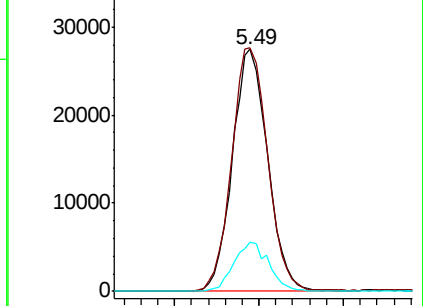
192 20.1 15.4 23.2



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: 5.368 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX013143.D

Acq: 18 Oct 2019 21:24

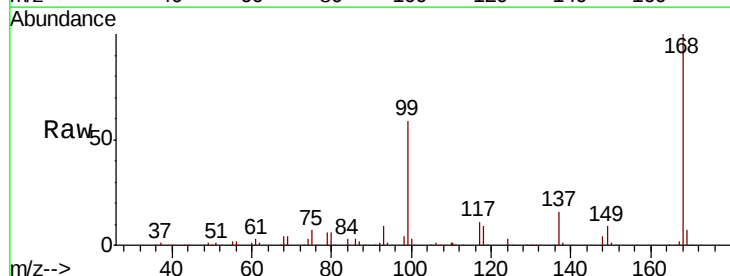
Tgt Ion: 75 Resp: 12116

Ion Ratio Lower Upper

75 100

110 10.3 17.6 52.9#

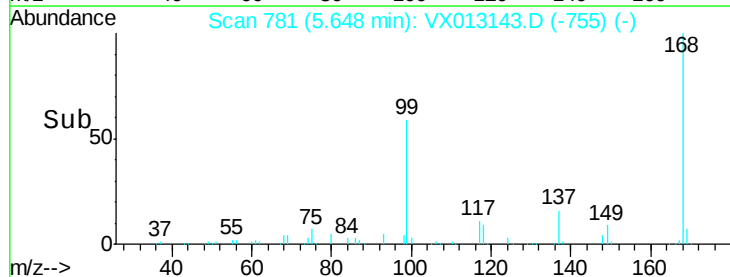
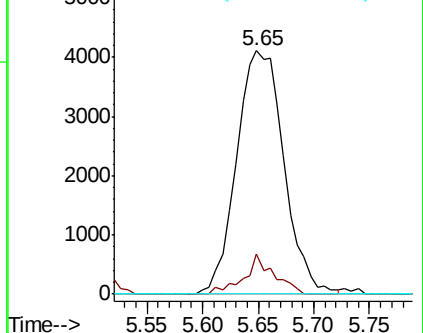
77 0.0 24.4 36.6#

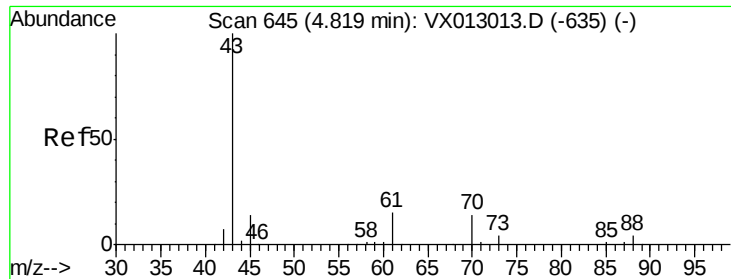


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

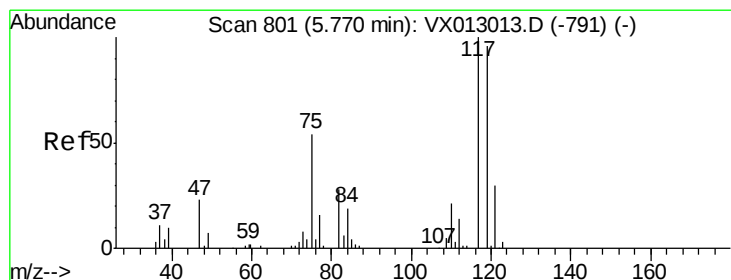
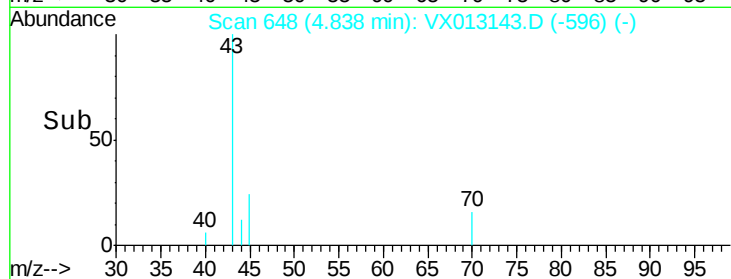
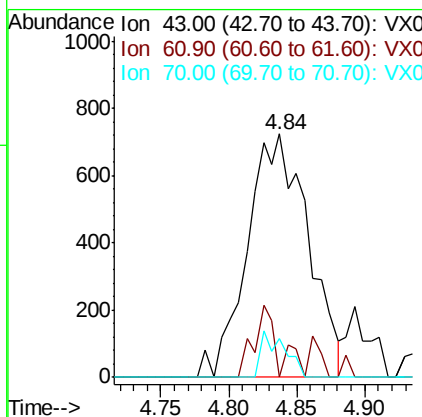
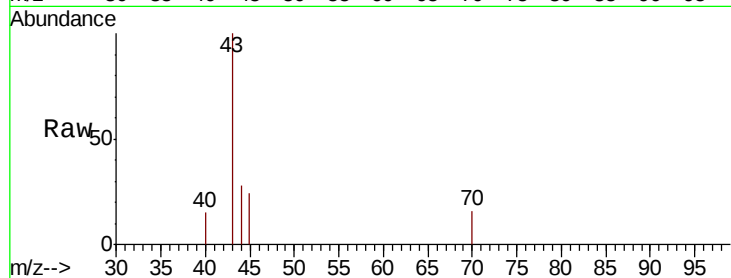




#37
Ethyl Acetate
Concen: 0.893 ug/l
RT: 4.84 min Scan# 648
Delta R.T. 0.02 min
Lab File: VX013143.D
Acq: 18 Oct 2019 21:24

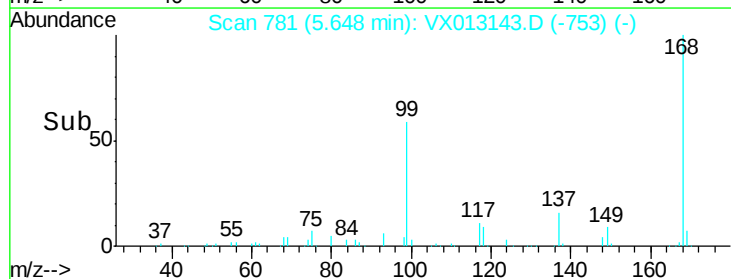
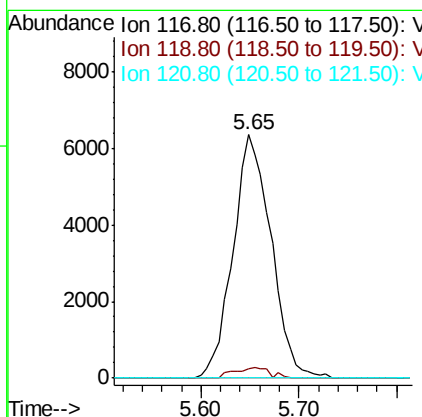
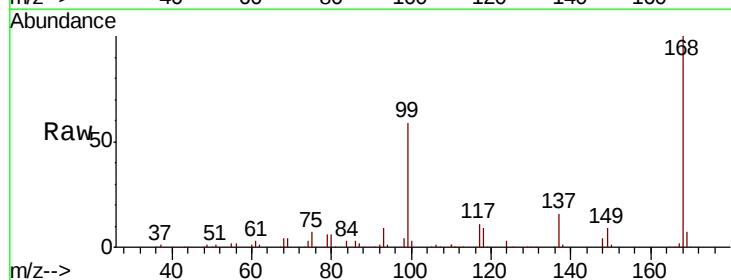
Instrument :
MSVOA_X
ClientSampleId :
FA19-JPZ0348-9001

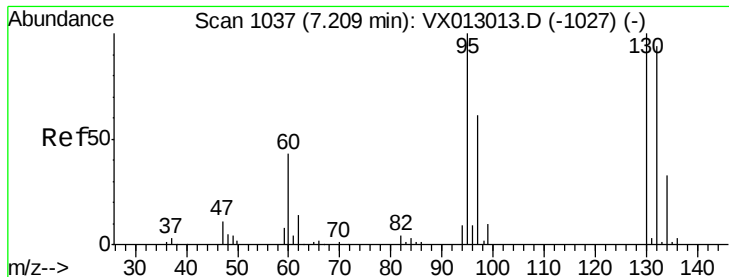
Tot Ion: 43 Resp: 2254
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.0#
70 7.5 9.8 14.6#



#38
Carbon Tetrachloride
Concen: 7.821 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX013143.D
Acq: 18 Oct 2019 21:24

Tgt Ion: 117 Resp: 17183
Ion Ratio Lower Upper
117 100
119 3.6 74.5 111.7#
121 0.0 24.2 36.4#





#44

Trichloroethene

Concen: 22.410 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX013143.D

Acq: 18 Oct 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

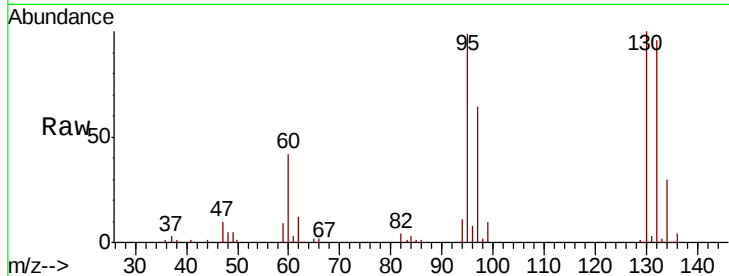
FA19-JPZ0348-9001

Tot Ion:130 Resp: 41430

Ion Ratio Lower Upper

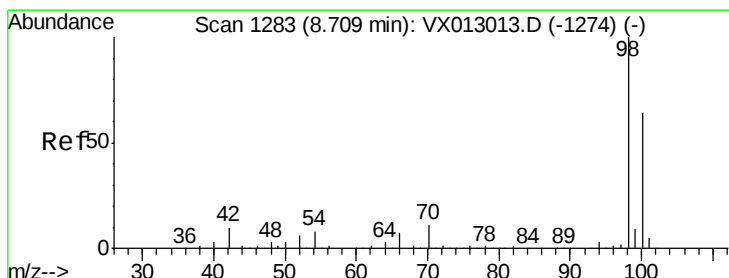
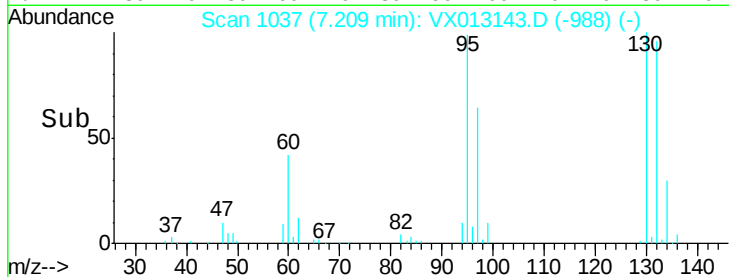
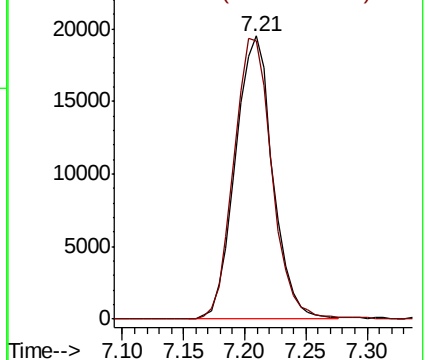
130 100

95 98.5 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.871 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013143.D

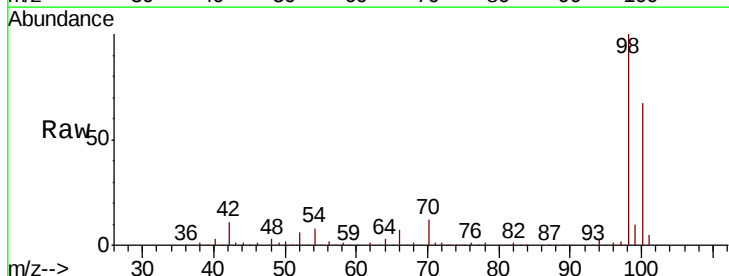
Acq: 18 Oct 2019 21:24

Tgt Ion: 98 Resp: 298109

Ion Ratio Lower Upper

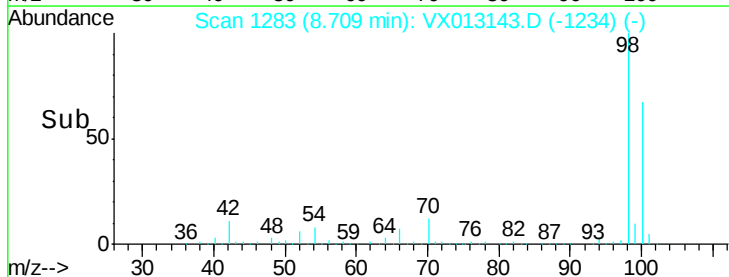
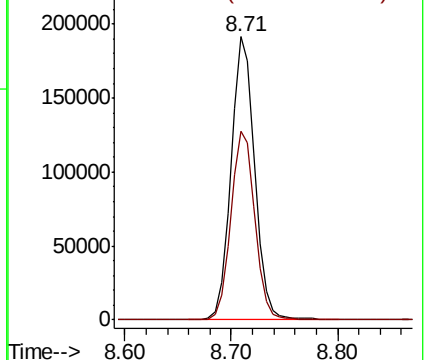
98 100

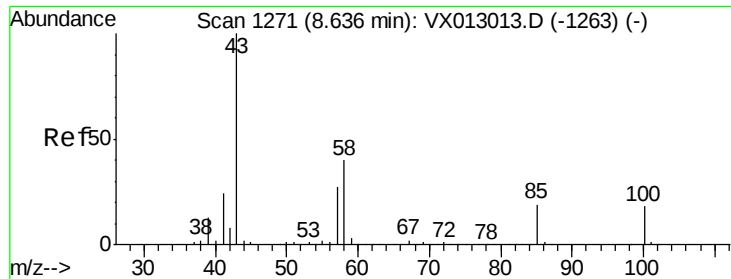
100 67.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.548 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.07 min

Lab File: VX013143.D

Acq: 18 Oct 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

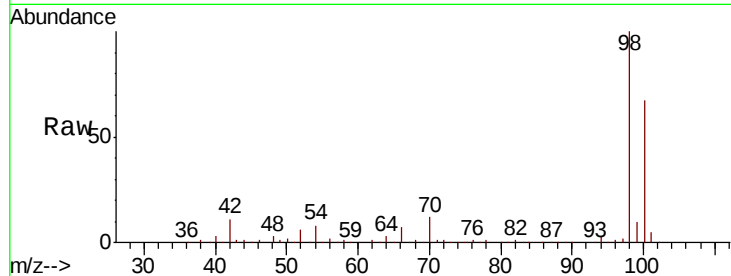
FA19-JPZ0348-9001

Tot Ion: 43 Resp: 1385

Ion Ratio Lower Upper

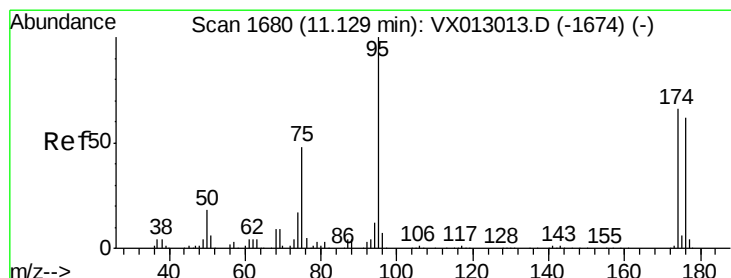
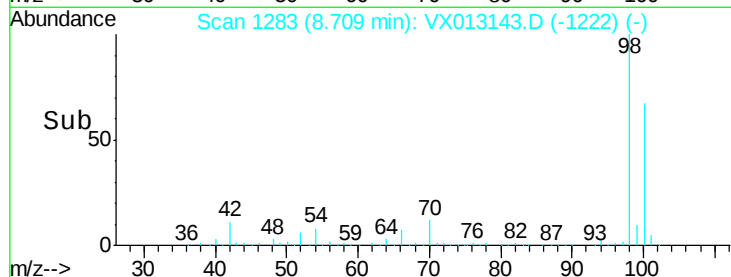
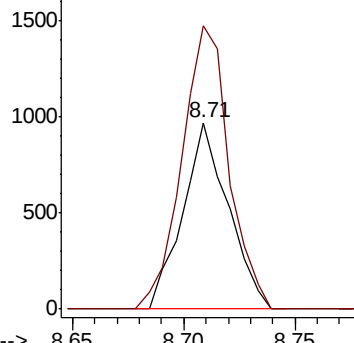
43 100

58 157.0 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 43.213 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013143.D

Acq: 18 Oct 2019 21:24

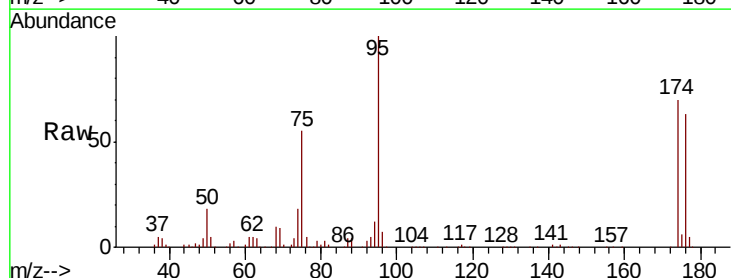
Tgt Ion: 95 Resp: 96499

Ion Ratio Lower Upper

95 100

174 77.0 0.0 143.4

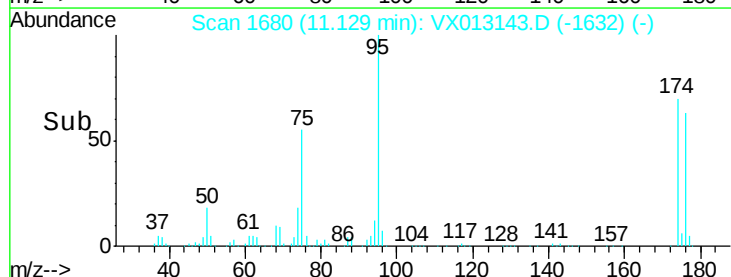
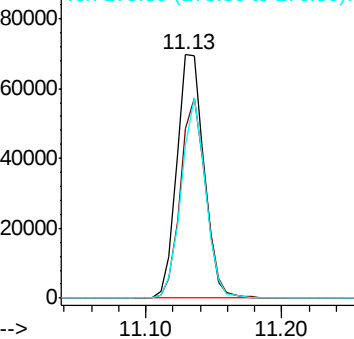
176 74.0 0.0 136.0

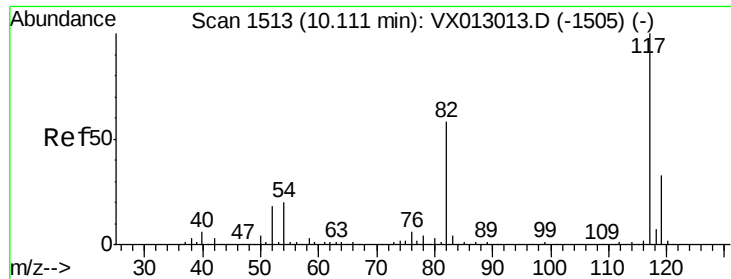


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

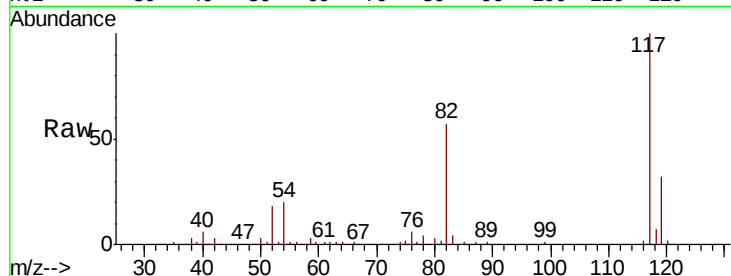




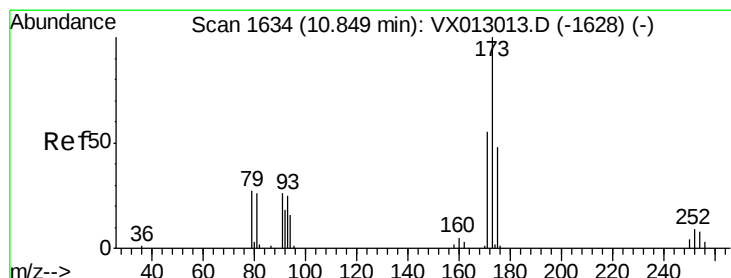
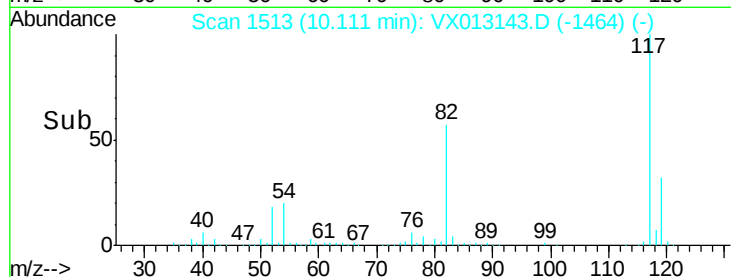
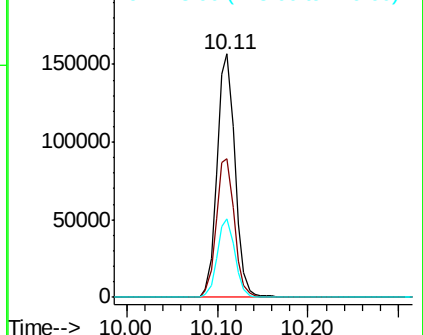
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013143.D
Acq: 18 Oct 2019 21:24

Instrument :
MSVOA_X
ClientSampleId :
FA19-JPZ0348-9001

Tot Ion:117 Resp: 218137
Ion Ratio Lower Upper
117 100
82 57.1 44.1 66.1
119 32.4 25.8 38.8

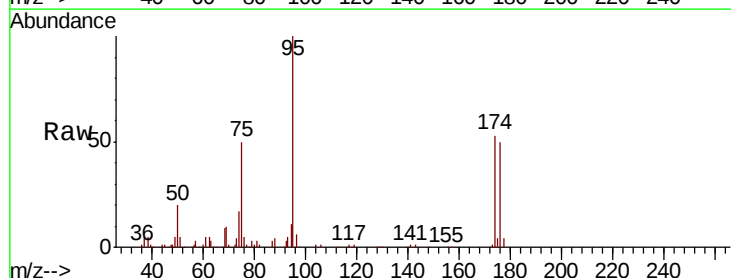


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

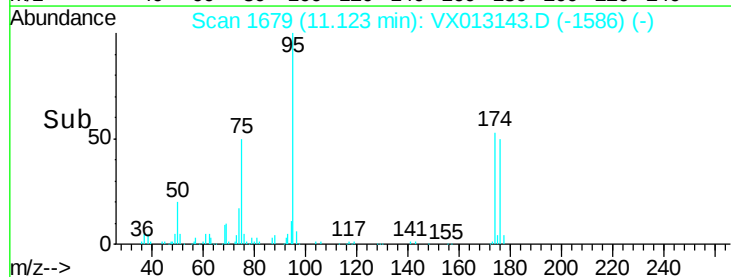
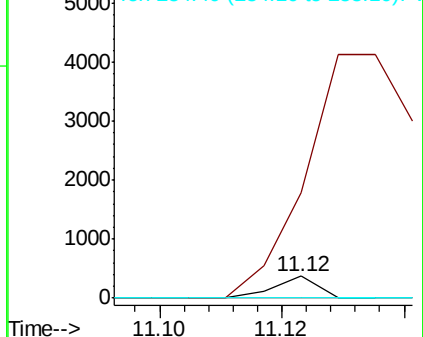


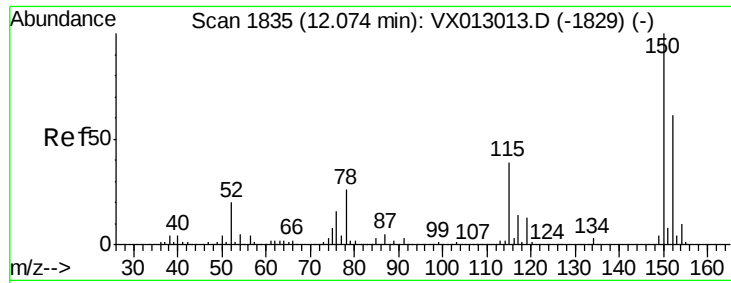
#71
Bromoform
Concen: 3.262 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.27 min
Lab File: VX013143.D
Acq: 18 Oct 2019 21:24

Tgt Ion:173 Resp: 177
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.3#
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013143.D

Acq: 18 Oct 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

FA19-JPZ0348-9001

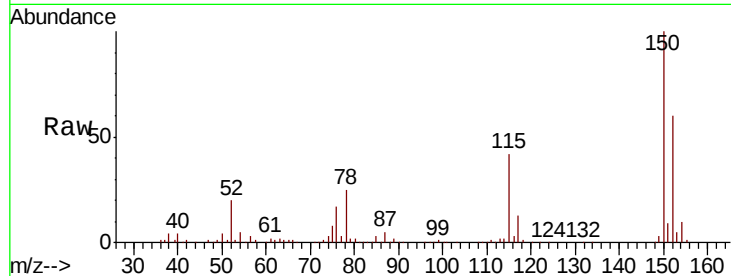
Tot Ion:152 Resp: 81861

Ion Ratio Lower Upper

152 100

115 64.1 44.5 133.5

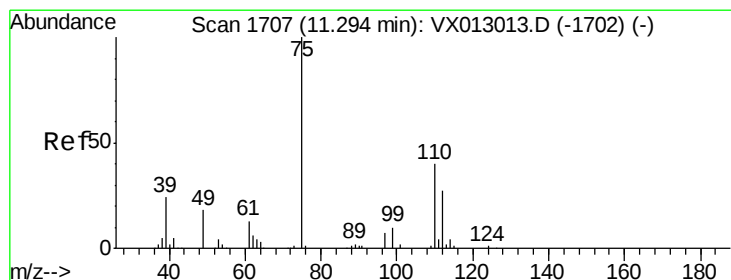
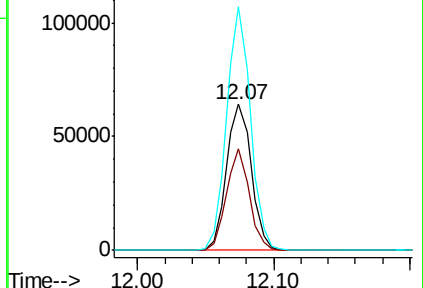
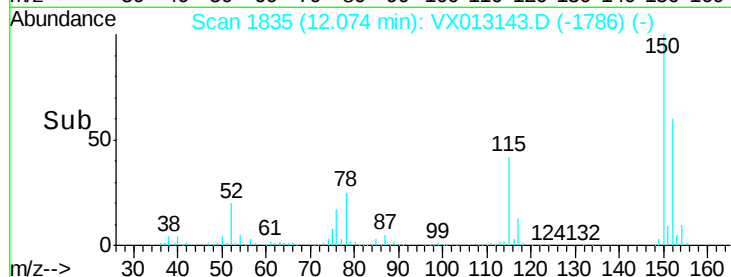
150 158.7 0.0 353.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 27.462 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013143.D

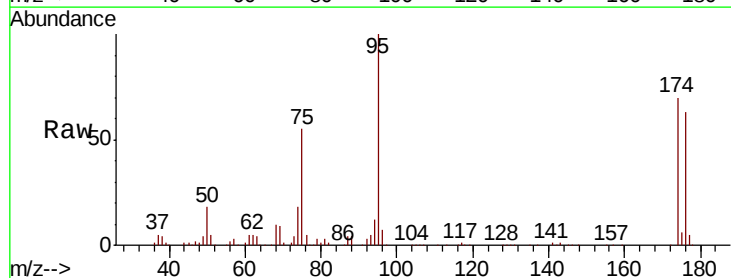
Acq: 18 Oct 2019 21:24

Tgt Ion: 75 Resp: 49861

Ion Ratio Lower Upper

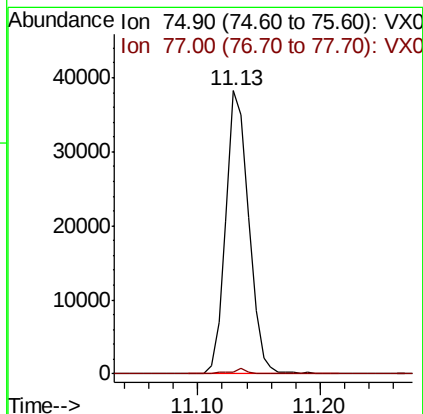
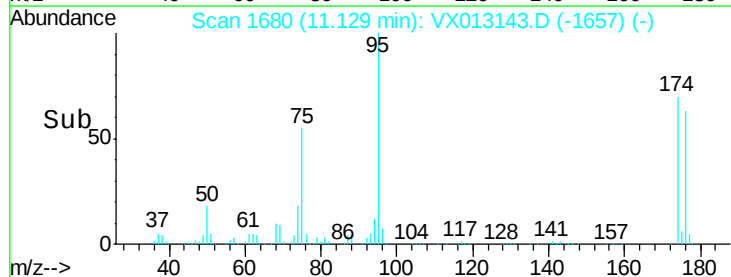
75 100

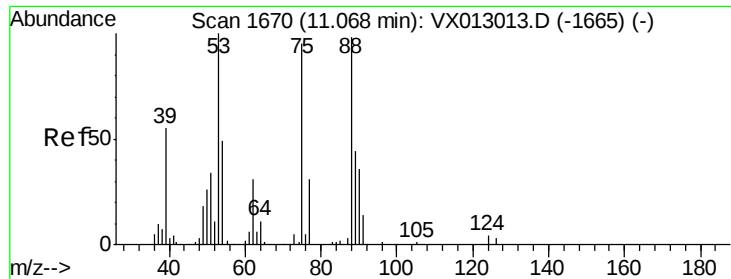
77 1.3 22.9 68.8#



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: 68.933 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013143.D

Acq: 18 Oct 2019 21:24

Instrument :

MSVOA_X

ClientSampleId :

FA19-JPZ0348-9001

Tot Ion: 75 Resp: 49861

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.4 56.2#

