

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102720\
 Data File : VX019152.D
 Acq On : 27 Oct 2020 21:17
 Operator : JC/MD
 Sample : L4516-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FRAC-TANK-1

Quant Time: Oct 28 02:31:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

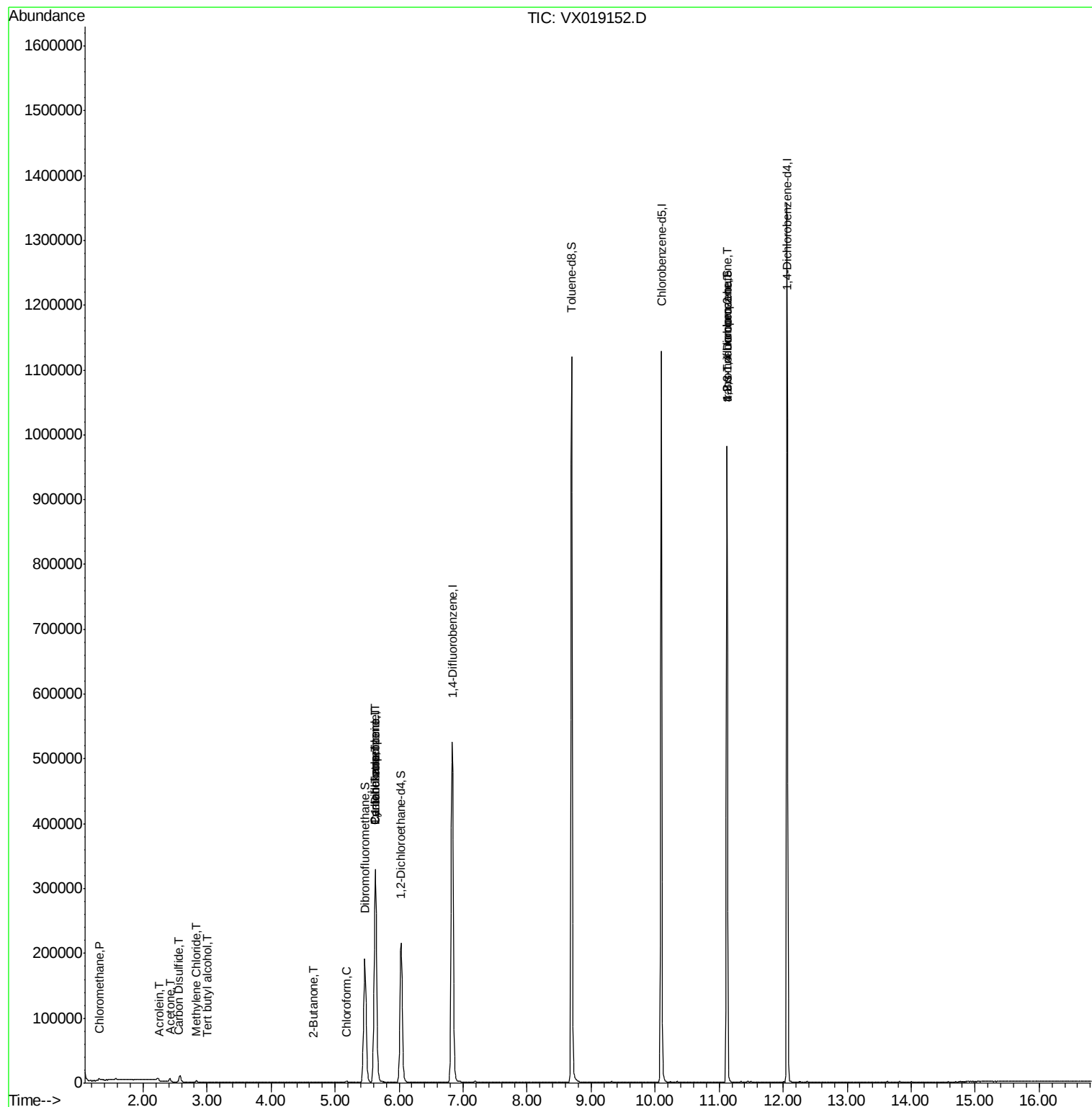
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	312378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	542876	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	523824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	263986	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	204609	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
35) Dibromofluoromethane	5.46	113	165731	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
50) Toluene-d8	8.70	98	671878	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	11.12	95	261471	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.31	50	1374	0.472	ug/l	90
11) Tert butyl alcohol	3.01	59	708	0.890	ug/l #	72
13) Acrolein	2.26	56	22	5.708	ug/l #	1
16) Acetone	2.42	43	4847	3.488	ug/l	100
17) Carbon Disulfide	2.55	76	1011	0.875	ug/l	96
20) Methylene Chloride	2.83	84	1033	0.296	ug/l	94
25) 2-Butanone	4.65	43	462	0.211	ug/l #	44
30) Chloroform	5.18	83	2084	0.343	ug/l #	37
31) Cyclohexane	5.63	56	6527	1.282	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	24572	4.902	ug/l #	49
38) Carbon Tetrachloride	5.63	117	31766	6.217	ug/l #	17
76) 1,2,3-Trichloropropane	11.12	75	132866	24.376	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	132866	64.181	ug/l #	12

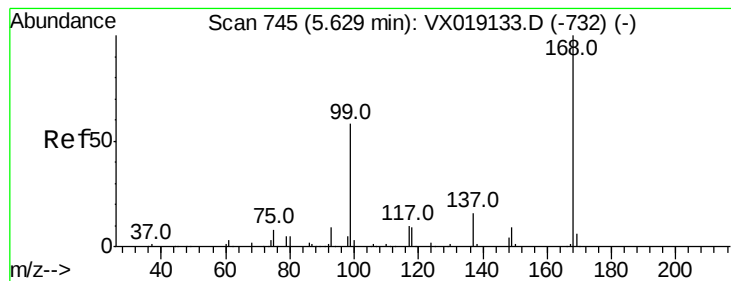
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102720\
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Quant Time: Oct 28 02:31:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019152.D

Acq: 27 Oct 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

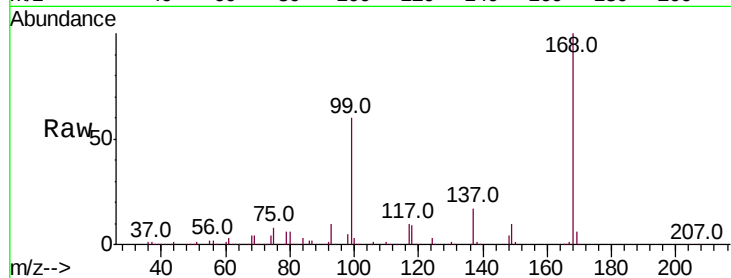
FRAC-TANK-1

Tot Ion:168 Resp: 312378

Ion Ratio Lower Upper

168 100

99 59.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

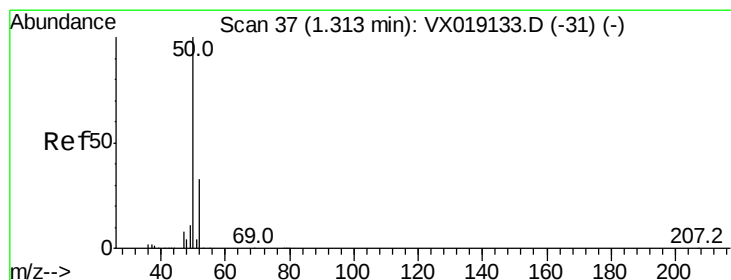
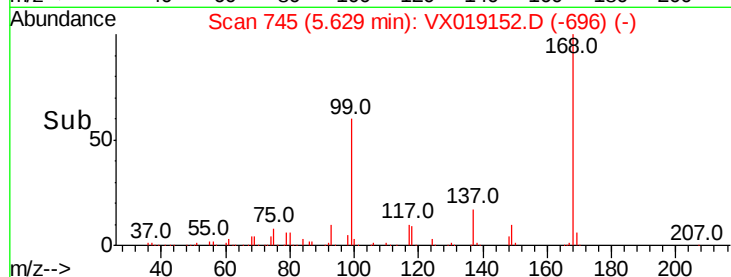
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.472 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019152.D

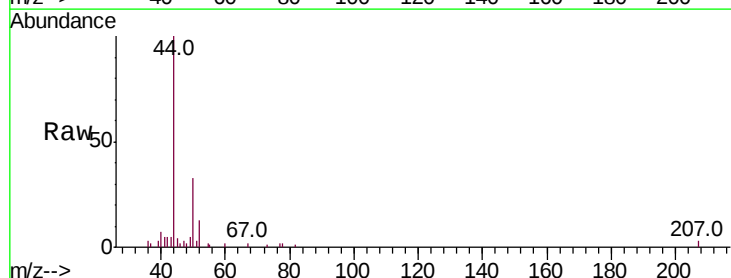
Acq: 27 Oct 2020 21:17

Tgt Ion: 50 Resp: 1374

Ion Ratio Lower Upper

50 100

52 39.0 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

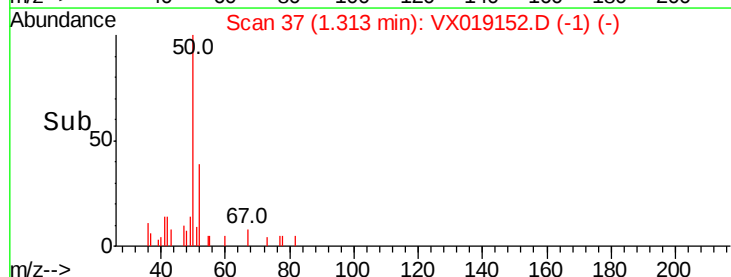
1.31

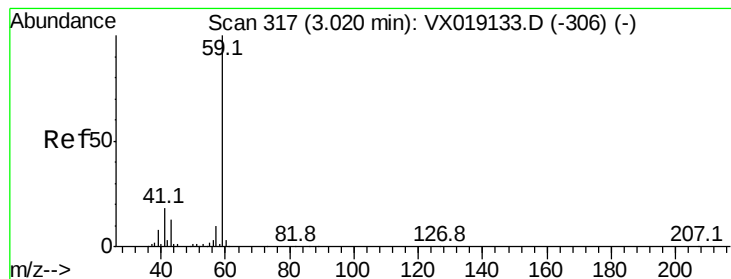
1000

500

0

Time-->



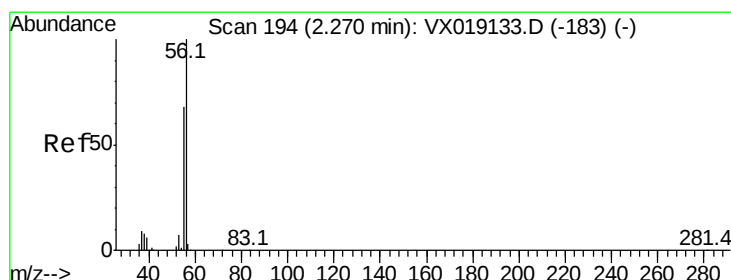
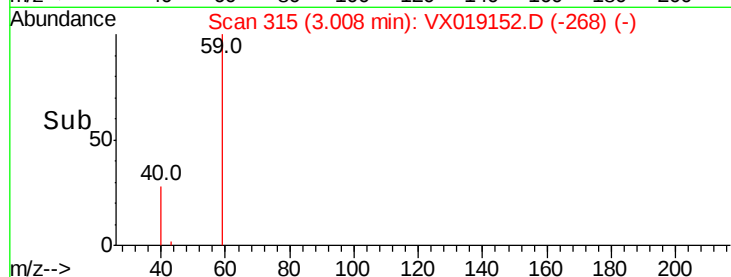
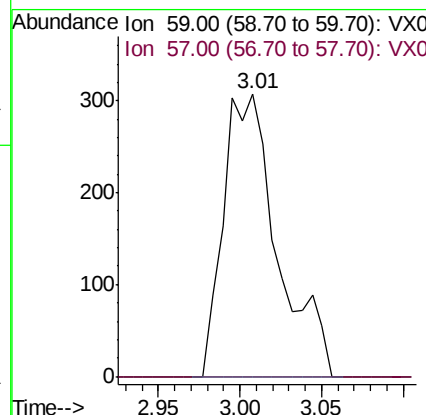
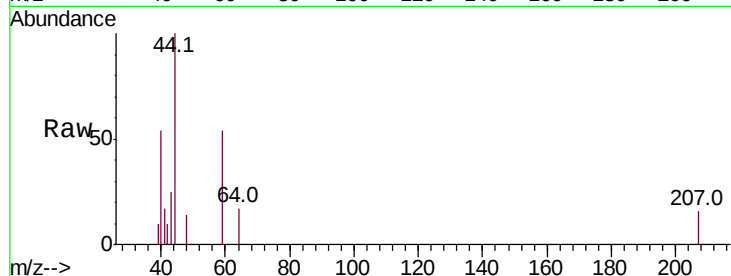


#11

Tert butyl alcohol
 Concen: 0.890 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX019152.D
 Acq: 27 Oct 2020 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 FRAC-TANK-1

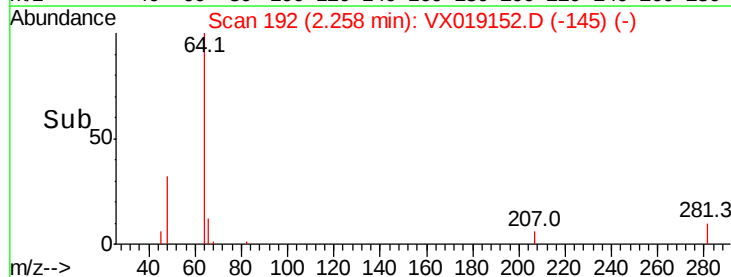
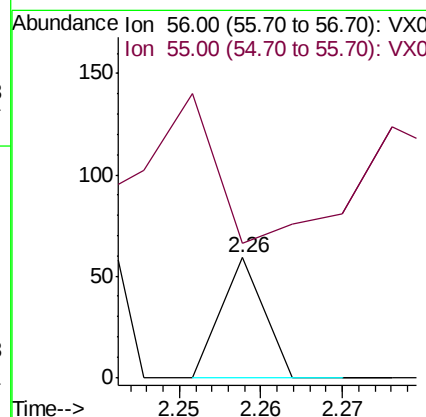
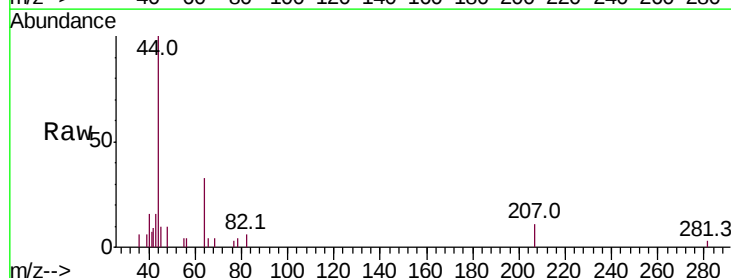
Tot Ion: 59 Resp: 708
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

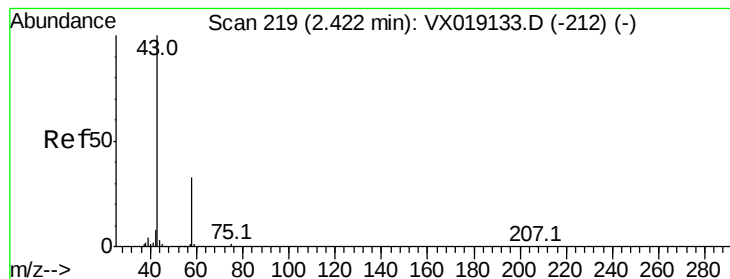


#13

Acrolein
 Concen: 5.708 ug/l
 RT: 2.26 min Scan# 192
 Delta R.T. -0.01 min
 Lab File: VX019152.D
 Acq: 27 Oct 2020 21:17

Tgt Ion: 56 Resp: 22
 Ion Ratio Lower Upper
 56 100
 55 913.6 54.7 82.1#





#16

Acetone

Concen: 3.488 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019152.D

Acq: 27 Oct 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

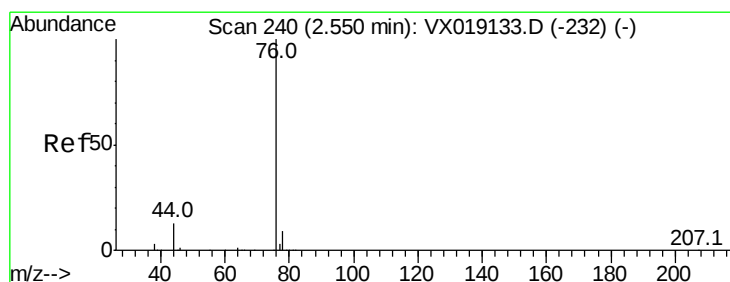
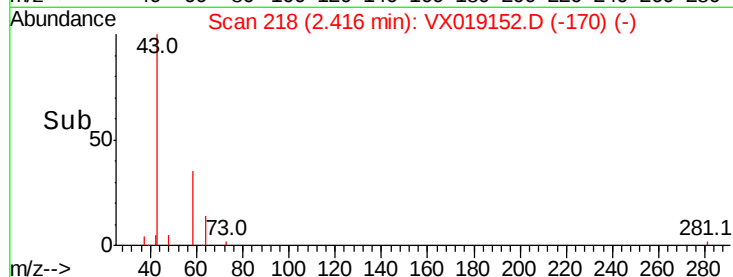
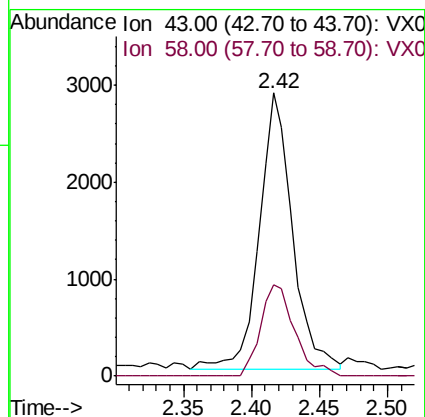
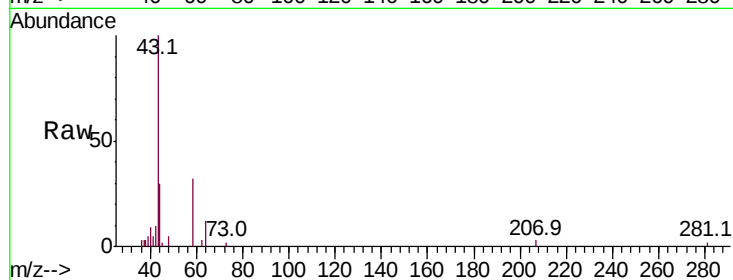
FRAC-TANK-1

Tot Ion: 43 Resp: 4847

Ion Ratio Lower Upper

43 100

58 33.2 26.3 39.5



#17

Carbon Disulfide

Concen: 0.875 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019152.D

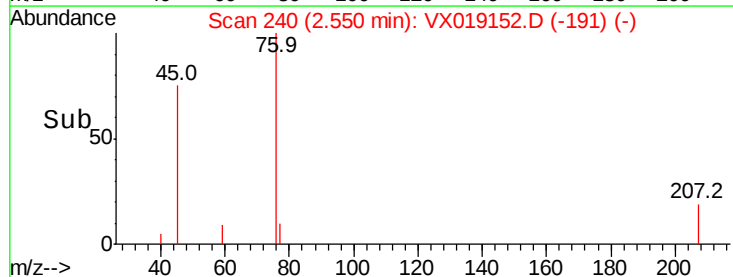
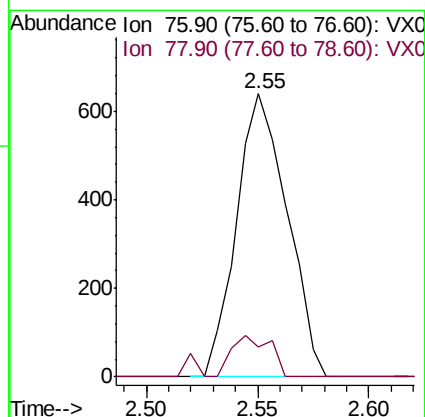
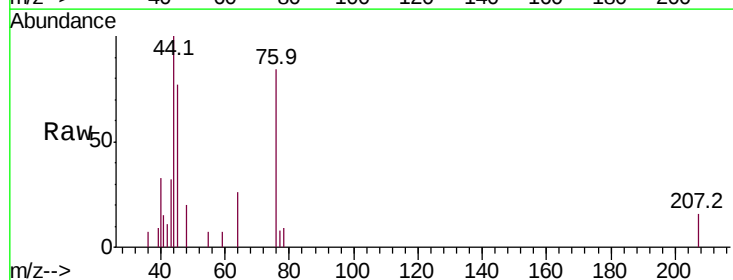
Acq: 27 Oct 2020 21:17

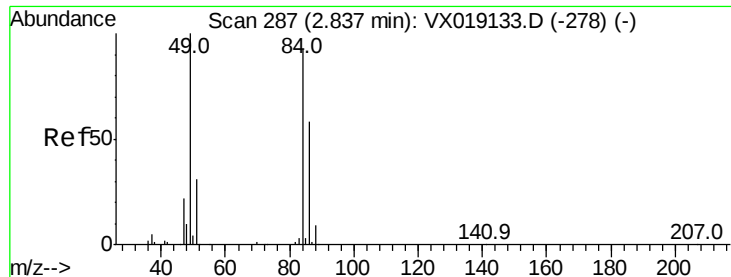
Tgt Ion: 76 Resp: 1011

Ion Ratio Lower Upper

76 100

78 10.5 7.3 10.9

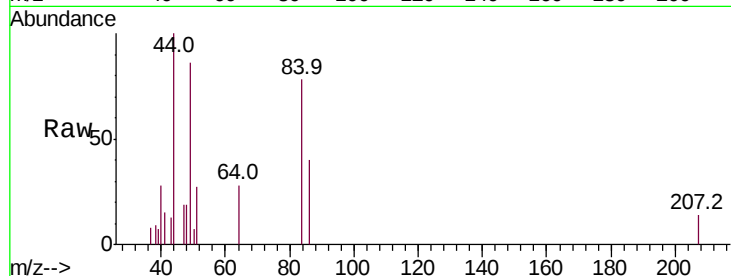




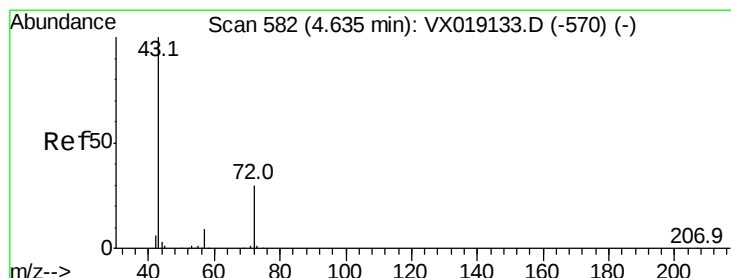
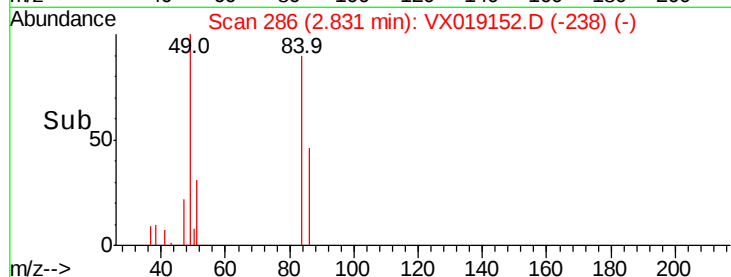
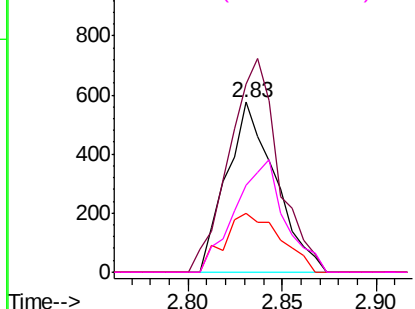
#20
Methvlene Chloride
Concen: 0.296 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019152.D
Acq: 27 Oct 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-1

Tot Ion: 84 Resp: 1033
Ion Ratio Lower Upper
84 100
49 111.1 86.8 130.2
51 34.6 27.3 40.9
86 51.1 50.6 76.0

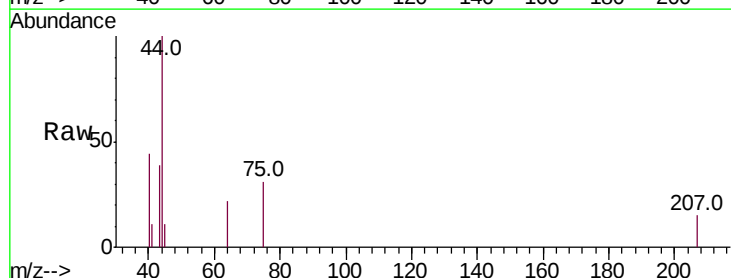


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

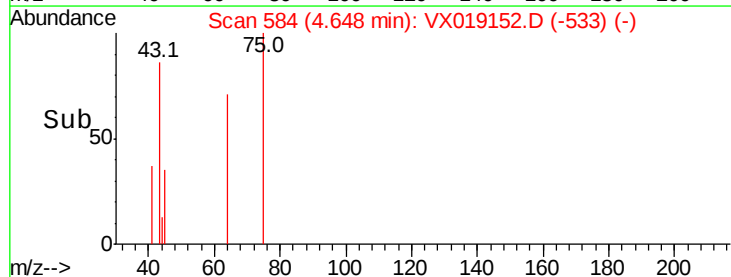
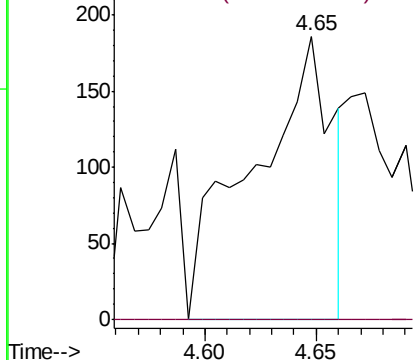


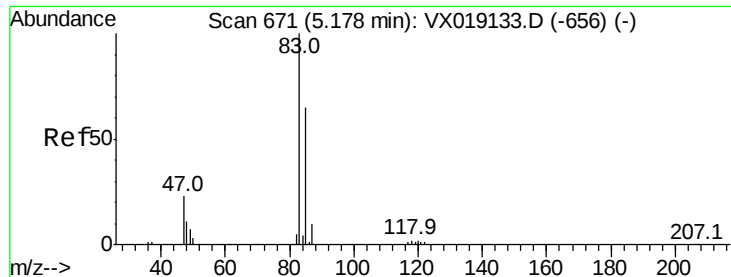
#25
2-Butanone
Concen: 0.211 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX019152.D
Acq: 27 Oct 2020 21:17

Tgt Ion: 43 Resp: 462
Ion Ratio Lower Upper
43 100
72 0.0 24.6 36.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

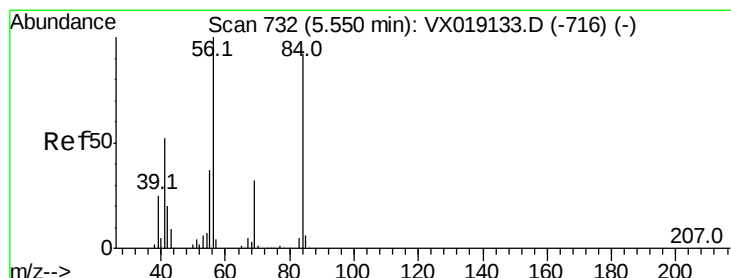
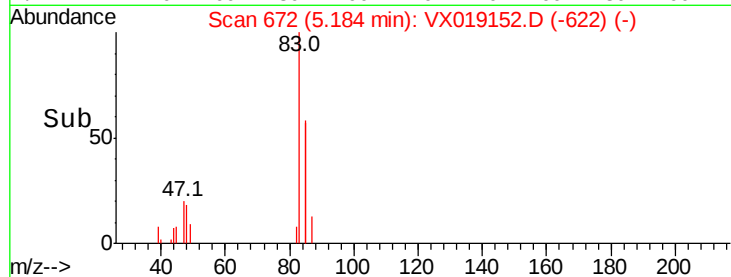
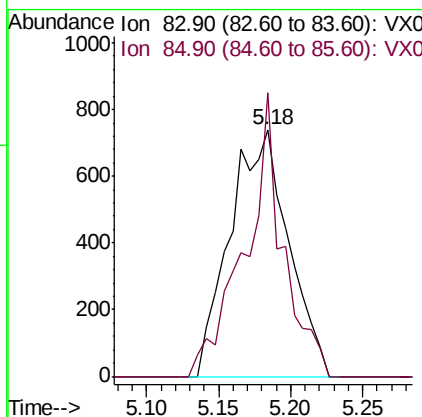
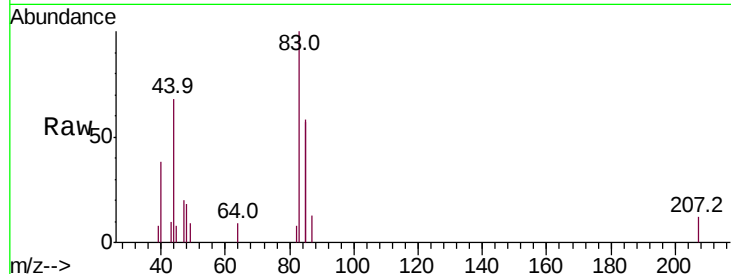




#30
Chloroform
Concen: 0.343 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX019152.D
Acq: 27 Oct 2020 21:17

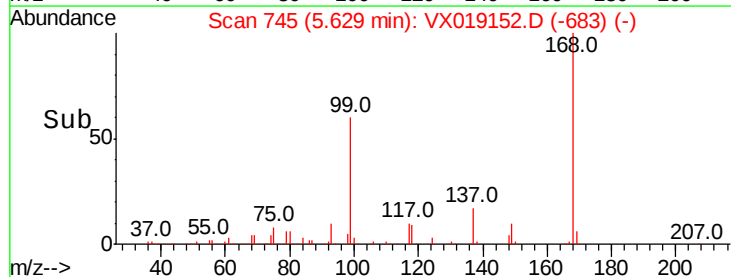
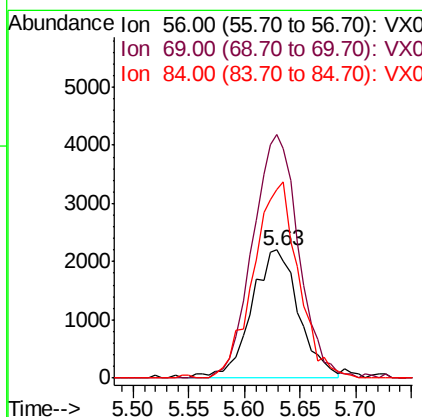
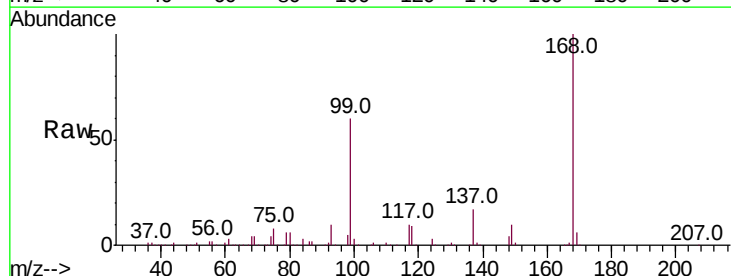
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-1

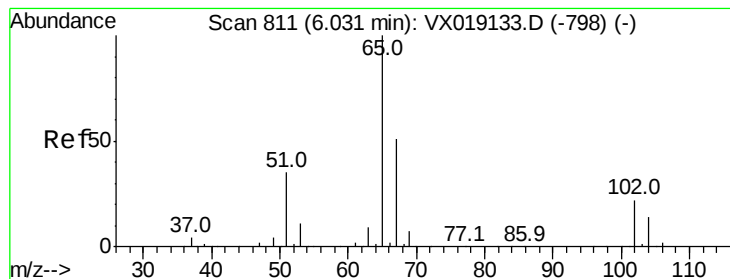
Tot Ion: 83 Resp: 2084
Ion Ratio Lower Upper
83 100
85 114.7 51.9 77.9#



#31
Cyclohexane
Concen: 1.282 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX019152.D
Acq: 27 Oct 2020 21:17

Tgt Ion: 56 Resp: 6527
Ion Ratio Lower Upper
56 100
69 190.3 25.9 38.9#
84 145.2 73.4 110.2#





#33

1,2-Dichloroethane-d4

Concen: 50.790 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019152.D

Acq: 27 Oct 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

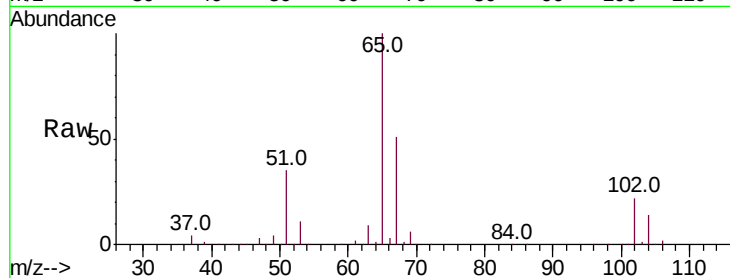
FRAC-TANK-1

Tot Ion: 65 Resp: 204609

Ion Ratio Lower Upper

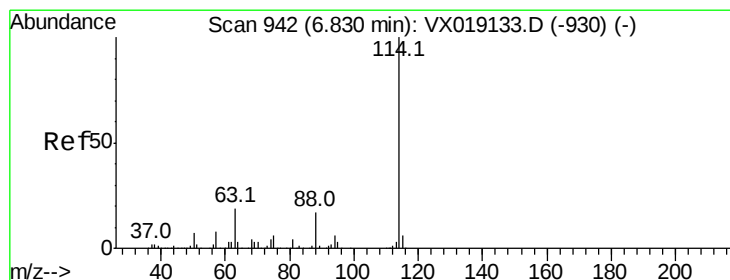
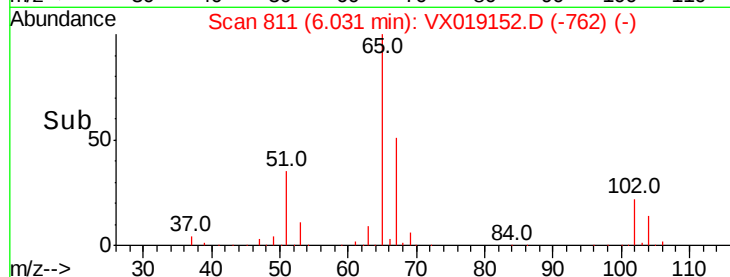
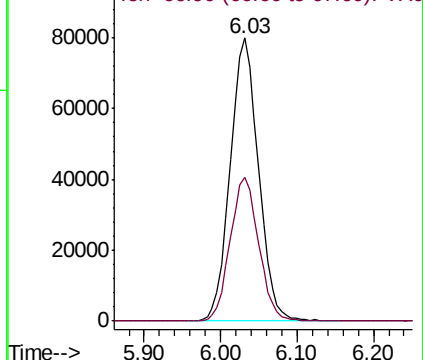
65 100

67 51.5 0.0 103.0



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: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019152.D

Acq: 27 Oct 2020 21:17

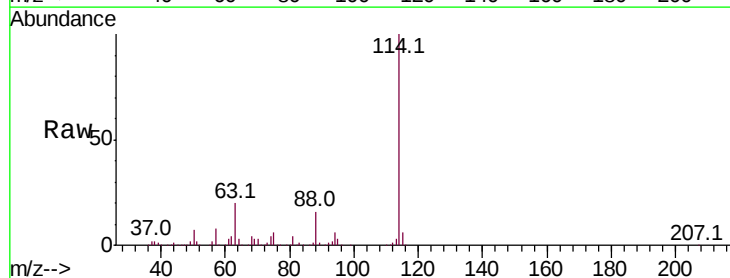
Tgt Ion:114 Resp: 542876

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.8

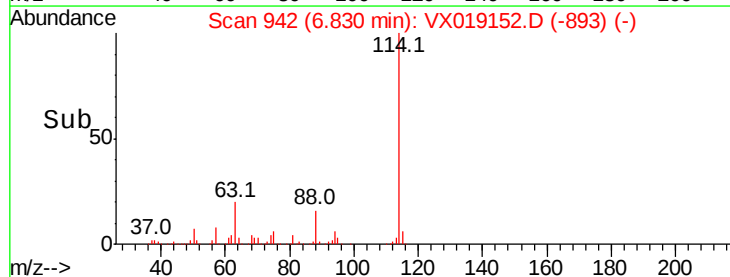
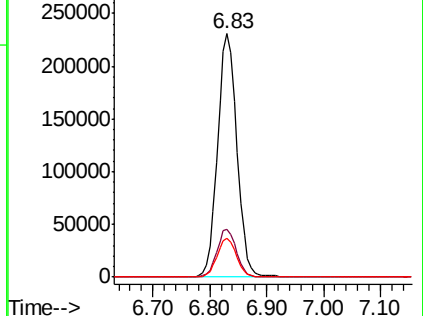
88 15.9 0.0 34.2

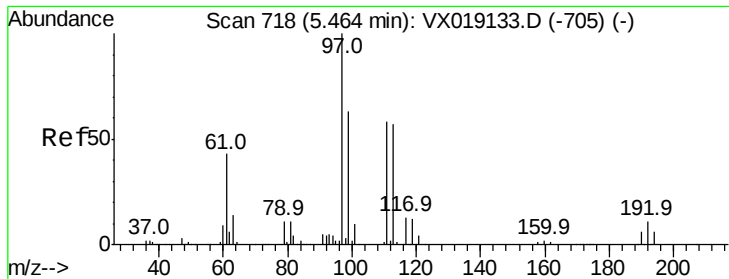


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.601 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019152.D

Acq: 27 Oct 2020 21:17

Instrument :

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ClientSampleId :

FRAC-TANK-1

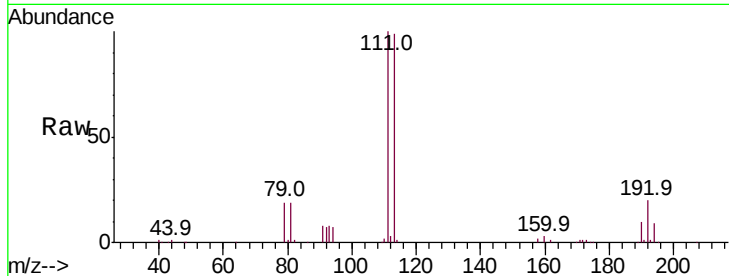
Tot Ion:113 Resp: 165731

Ion Ratio Lower Upper

113 100

111 102.1 82.3 123.5

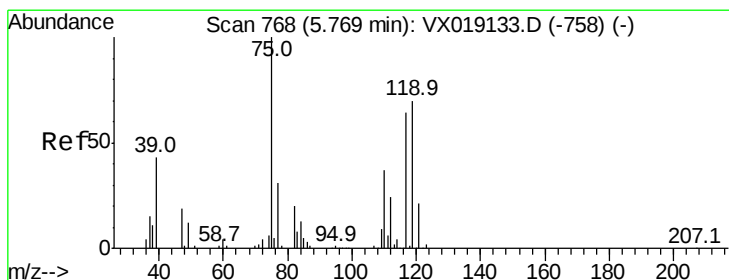
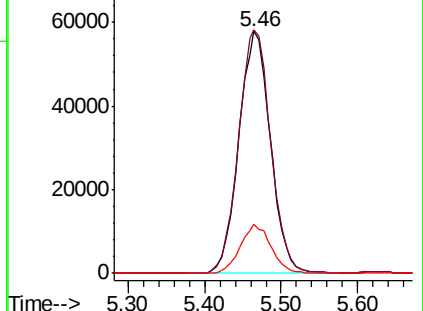
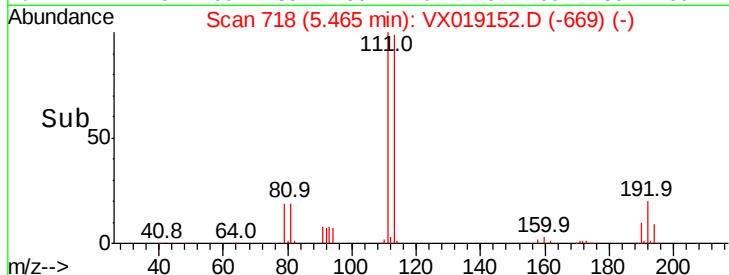
192 19.6 16.2 24.2



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: 4.902 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.15 min

Lab File: VX019152.D

Acq: 27 Oct 2020 21:17

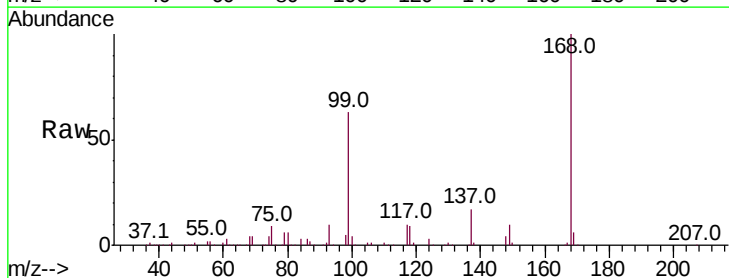
Tgt Ion: 75 Resp: 24572

Ion Ratio Lower Upper

75 100

110 9.2 18.3 54.9#

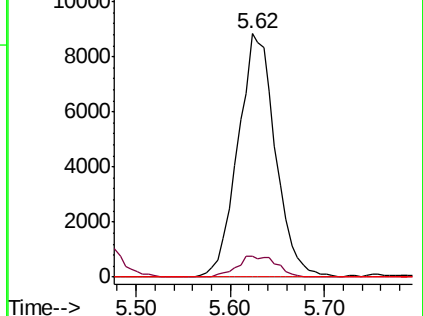
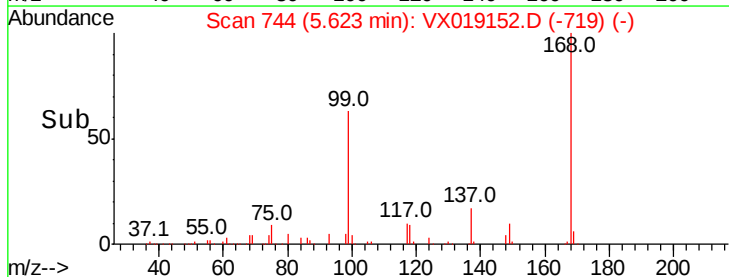
77 0.0 24.9 37.3#

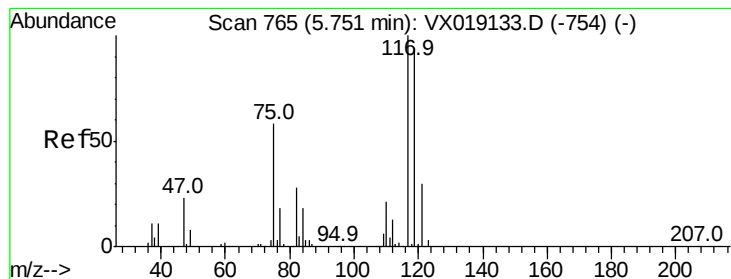


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.217 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX019152.D

Acq: 27 Oct 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

FRAC-TANK-1

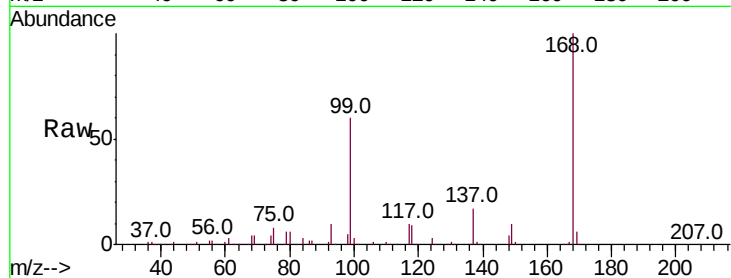
Tot Ion:117 Resp: 31766

Ion Ratio Lower Upper

117 100

119 4.7 75.0 112.6#

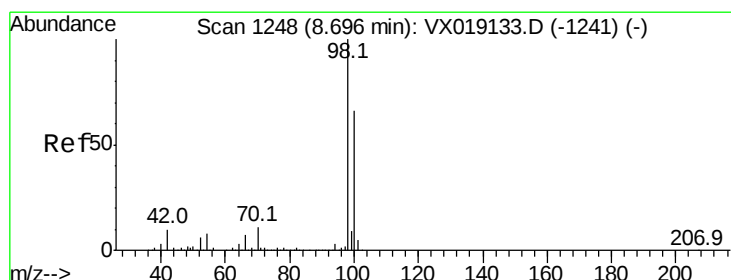
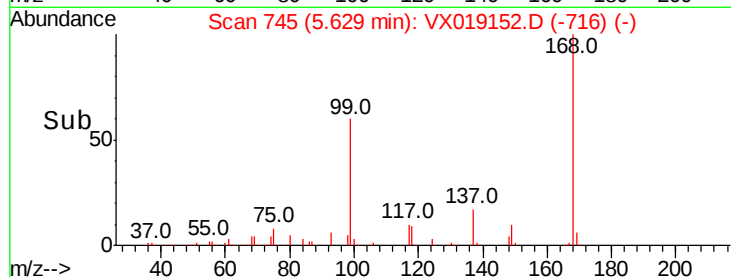
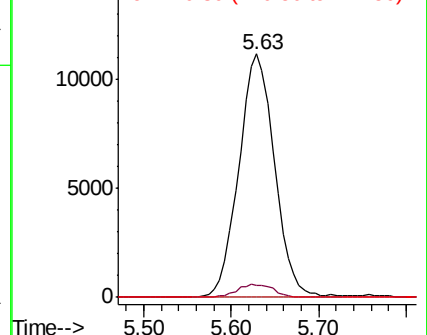
121 0.0 23.9 35.9#



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



#50

Toluene-d8

Concen: 52.268 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019152.D

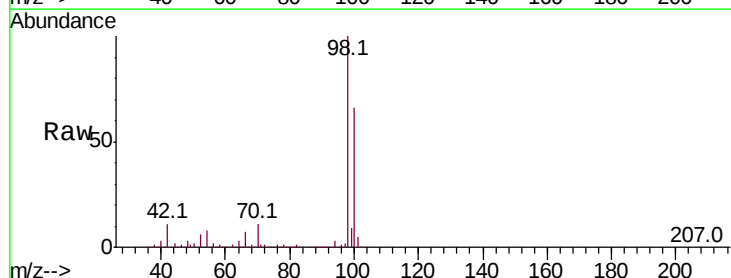
Acq: 27 Oct 2020 21:17

Tgt Ion: 98 Resp: 671878

Ion Ratio Lower Upper

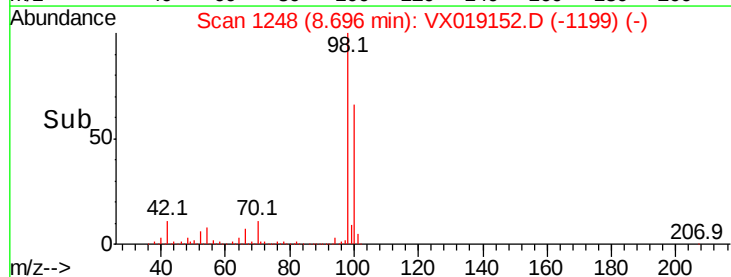
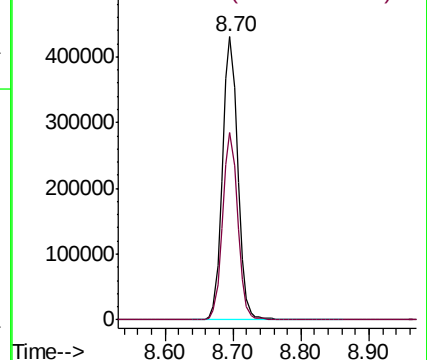
98 100

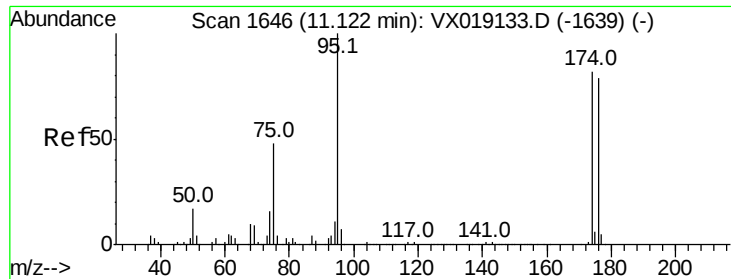
100 65.5 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

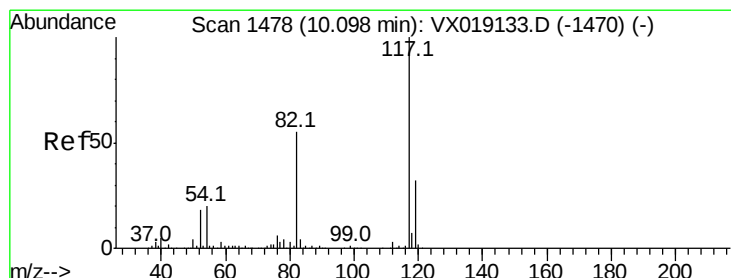
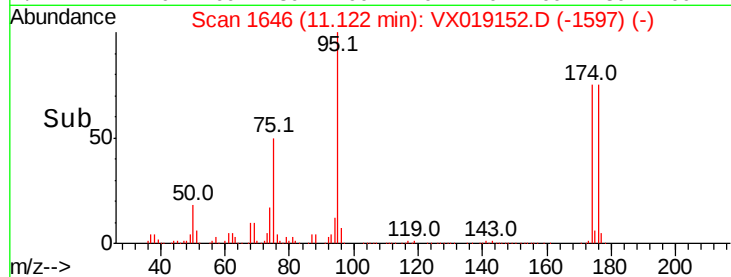
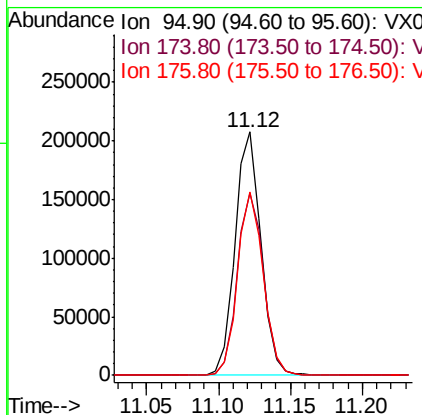
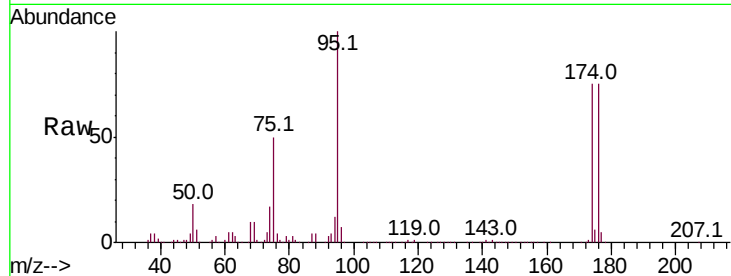




#62
4-Bromofluorobenzene
Concen: 53.711 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019152.D
Acq: 27 Oct 2020 21:17

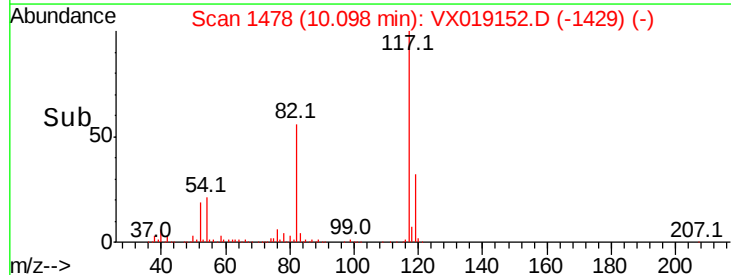
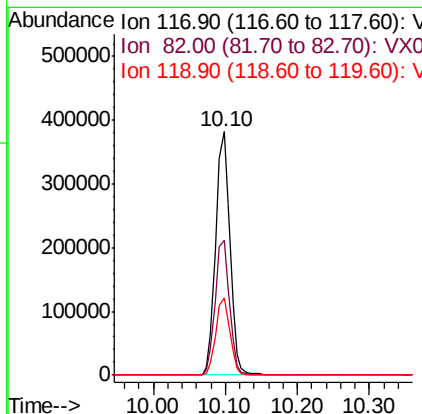
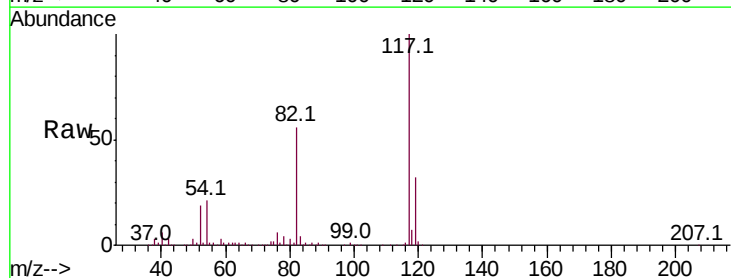
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-1

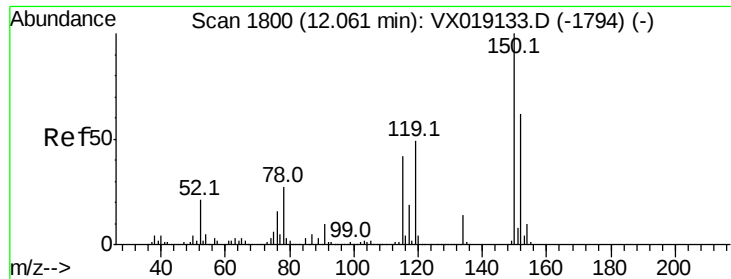
Tot Ion: 95 Resp: 261471
Ion Ratio Lower Upper
95 100
174 76.0 0.0 156.0
176 74.3 0.0 149.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019152.D
Acq: 27 Oct 2020 21:17

Tgt Ion: 117 Resp: 523824
Ion Ratio Lower Upper
117 100
82 55.6 43.6 65.4
119 31.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019152.D

Acq: 27 Oct 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

FRAC-TANK-1

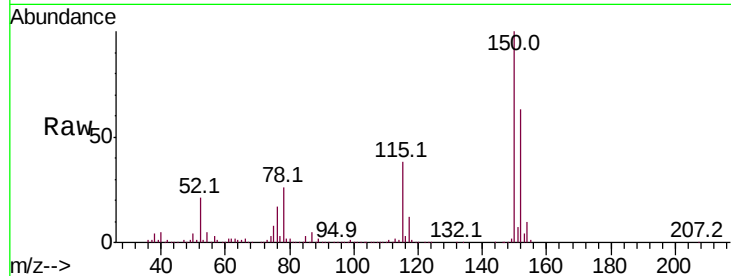
Tot Ion:152 Resp: 263986

Ion Ratio Lower Upper

152 100

115 61.3 41.9 125.7

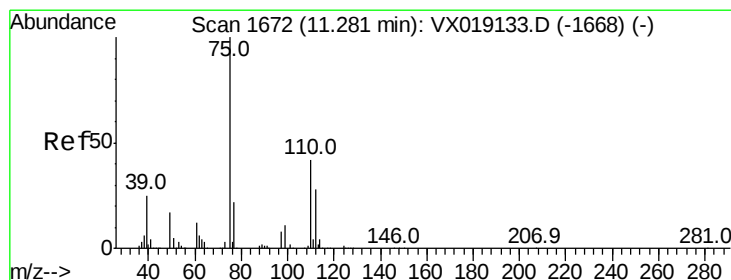
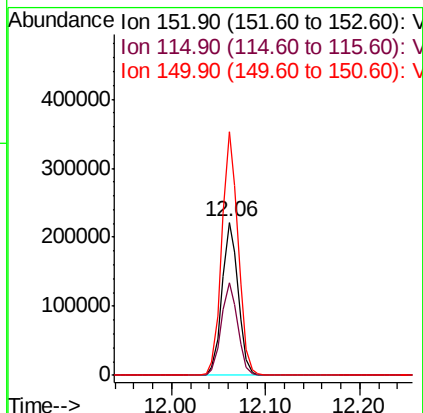
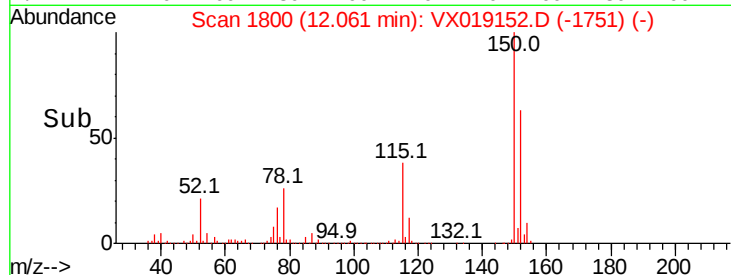
150 159.8 0.0 347.8



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: 24.376 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019152.D

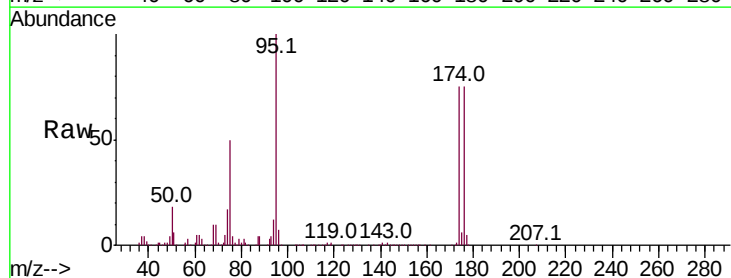
Acq: 27 Oct 2020 21:17

Tgt Ion: 75 Resp: 132866

Ion Ratio Lower Upper

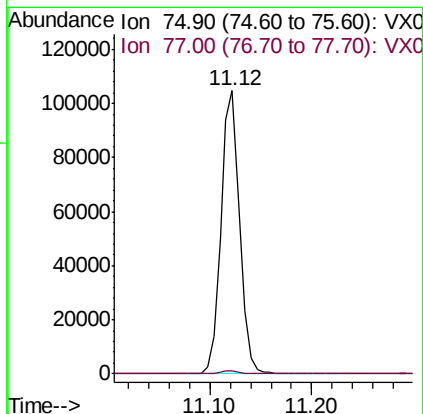
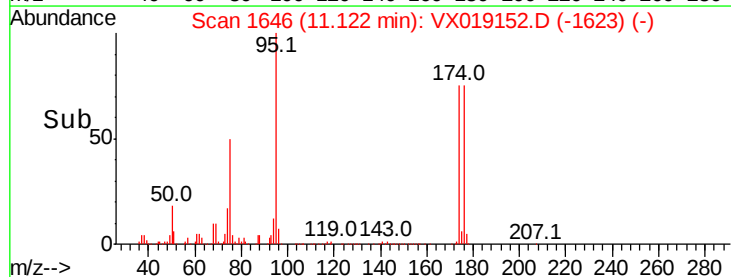
75 100

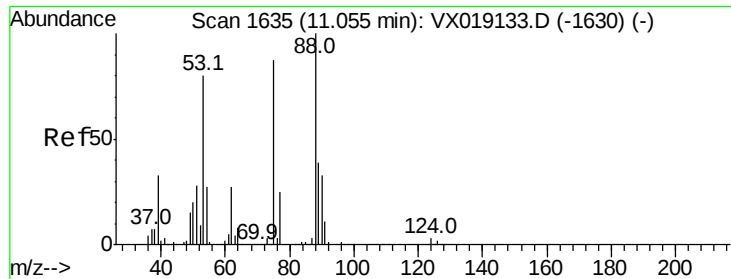
77 1.2 20.3 60.9#



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: 64.181 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019152.D

Acq: 27 Oct 2020 21:17

Instrument :

MSVOA_X

ClientSampleId :

FRAC-TANK-1

Tot Ion: 75 Resp: 132866

Ion Ratio Lower Upper

75 100

53 0.0 73.3 109.9#

89 0.0 38.2 57.2#

