

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060520\
 Data File : VX016622.D
 Acq On : 05 Jun 2020 19:19
 Operator : JC/SP
 Sample : L2926-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TANK-1-20200604

Quant Time: Jun 06 06:03:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	213068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	341523	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	352405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	176623	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	129452	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
35) Dibromofluoromethane	5.47	113	104856	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	8.70	98	425216	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
62) 4-Bromofluorobenzene	11.12	95	171507	54.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.46%	

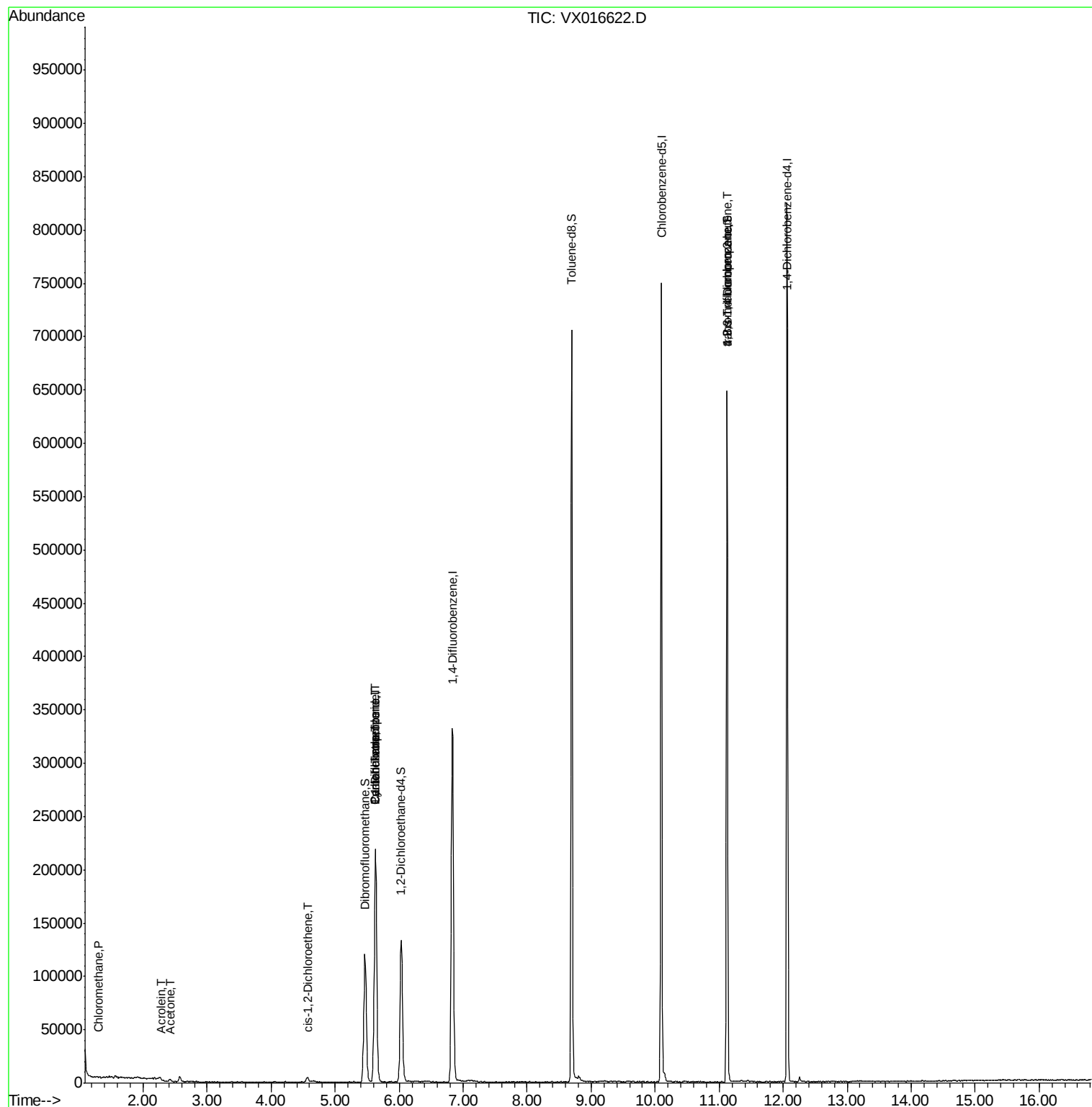
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	607	0.24	ug/l	94
13) Acrolein	2.28	56	97	0.34	ug/l	# 1
16) Acetone	2.42	43	2625	2.26	ug/l	95
27) cis-1,2-Dichloroethene	4.57	96	3351	1.28	ug/l	75
31) Cyclohexane	5.62	56	3744	1.02	ug/l	# 1
36) 1,1-Dichloropropene	5.63	75	15018	4.64	ug/l	# 51
38) Carbon Tetrachloride	5.64	117	20798	6.12	ug/l	# 15
76) 1,2,3-Trichloropropane	11.12	75	83895	21.61	ug/l	# 35
81) trans-1,4-Dichloro-2-buten	11.12	75	83895	53.16	ug/l	# 14

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

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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016622.D

Acq: 05 Jun 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

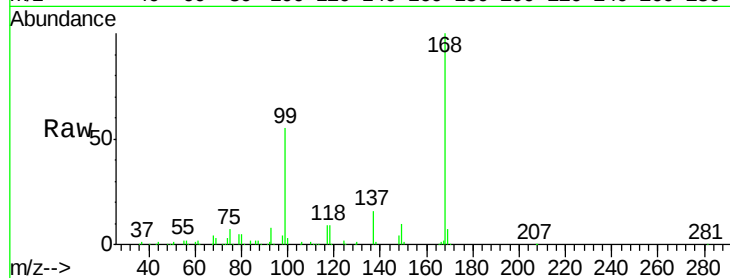
TANK-1-20200604

Tgt Ion:168 Resp: 213068

Ion Ratio Lower Upper

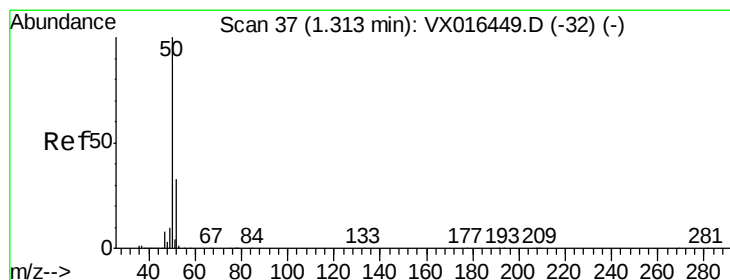
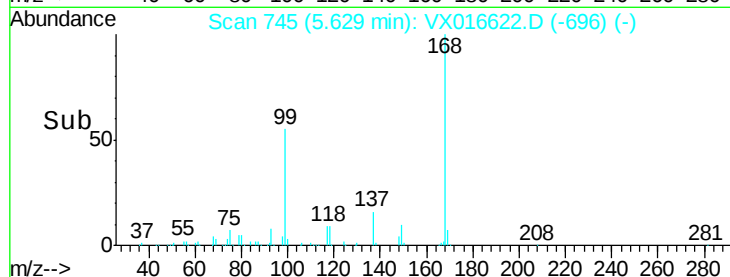
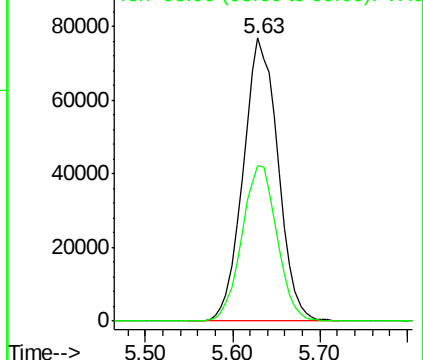
168 100

99 54.8 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.24 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016622.D

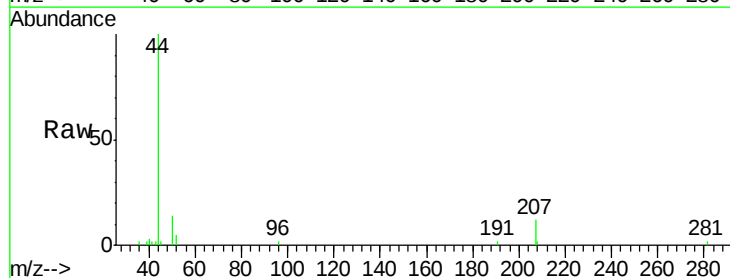
Acq: 05 Jun 2020 19:19

Tgt Ion: 50 Resp: 607

Ion Ratio Lower Upper

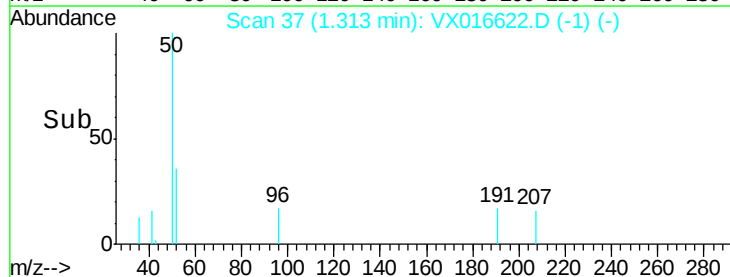
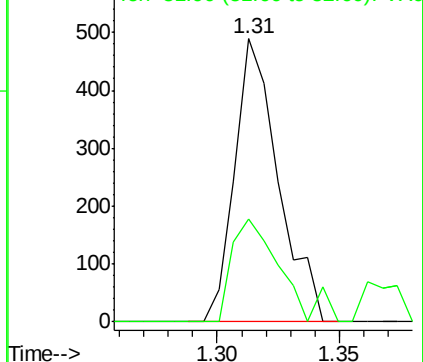
50 100

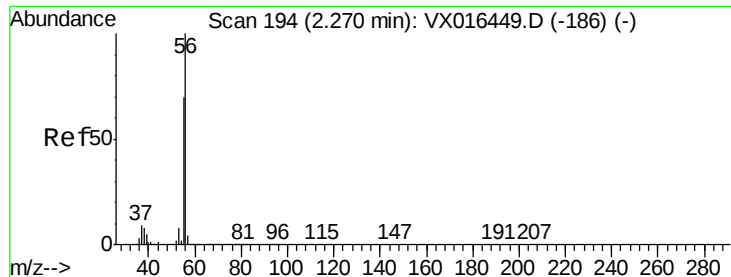
52 36.2 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#13

Acrolein

Concen: 0.34 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.01 min

Lab File: VX016622.D

Acq: 05 Jun 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

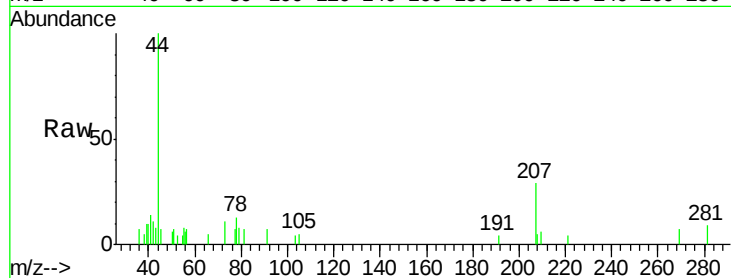
TANK-1-20200604

Tgt Ion: 56 Resp: 97

Ion Ratio Lower Upper

56 100

55 310.3 58.3 87.5#



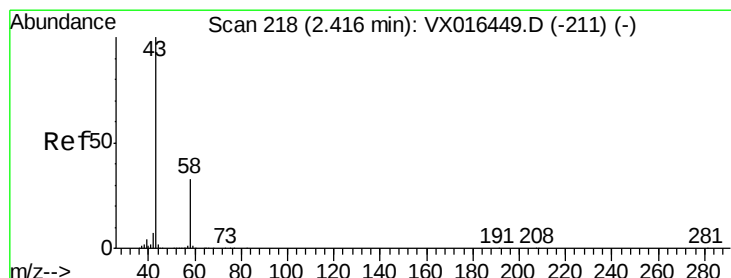
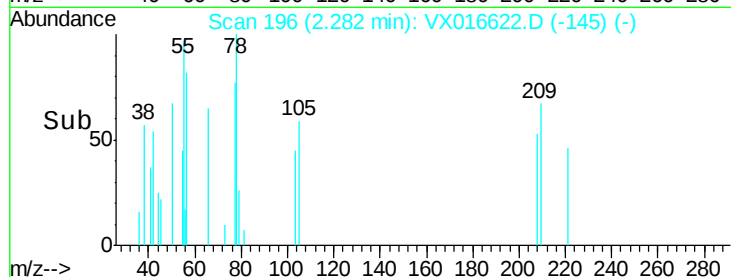
Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

2.27 2.28 2.29 2.30

Time-->



#16

Acetone

Concen: 2.26 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016622.D

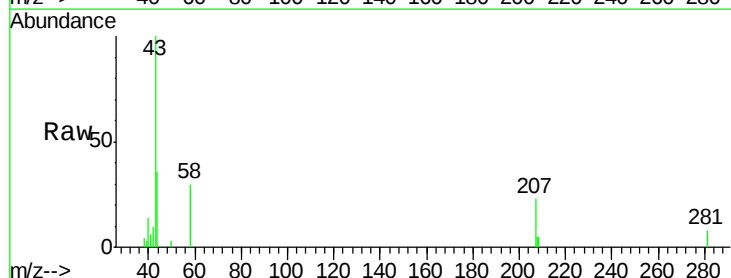
Acq: 05 Jun 2020 19:19

Tgt Ion: 43 Resp: 2625

Ion Ratio Lower Upper

43 100

58 30.0 26.1 39.1



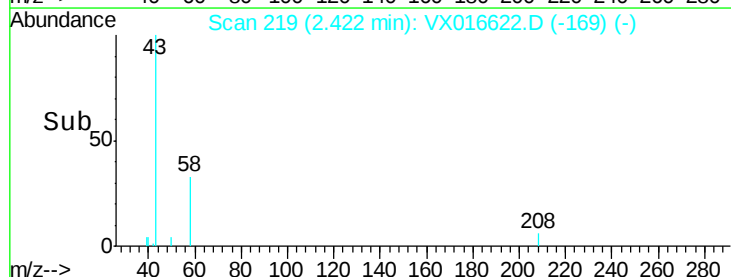
Abundance Ion 43.00 (42.70 to 43.70): VX0

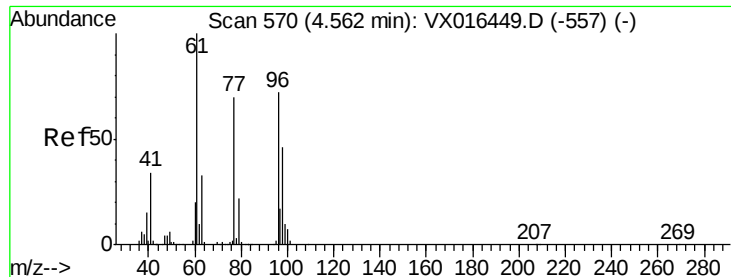
Ion 58.00 (57.70 to 58.70): VX0

2.42

2.35 2.40 2.45 2.50

Time-->





#27

cis-1,2-Dichloroethene

Concen: 1.28 ug/l

RT: 4.57 min Scan# 572

Delta R.T. 0.01 min

Lab File: VX016622.D

Acq: 05 Jun 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

TANK-1-20200604

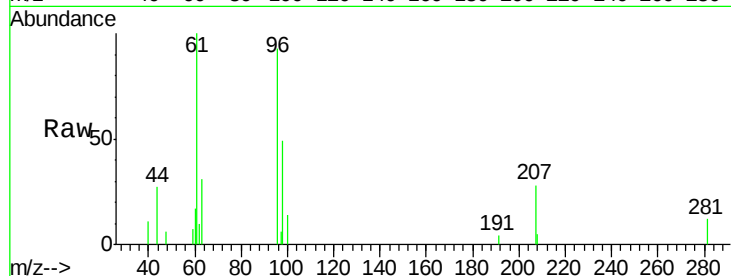
Tgt Ion: 96 Resp: 3351

Ion Ratio Lower Upper

96 100

61 104.4 0.0 284.6

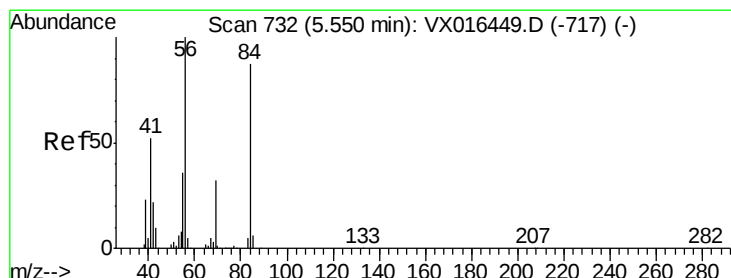
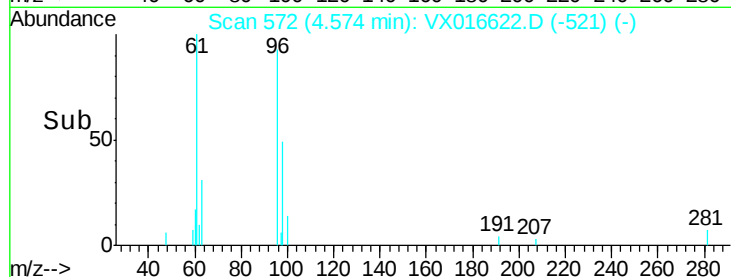
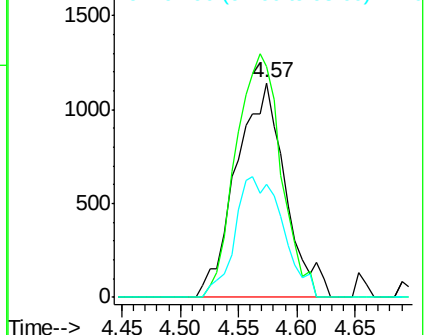
98 55.2 0.0 127.2



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



#31

Cyclohexane

Concen: 1.02 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.07 min

Lab File: VX016622.D

Acq: 05 Jun 2020 19:19

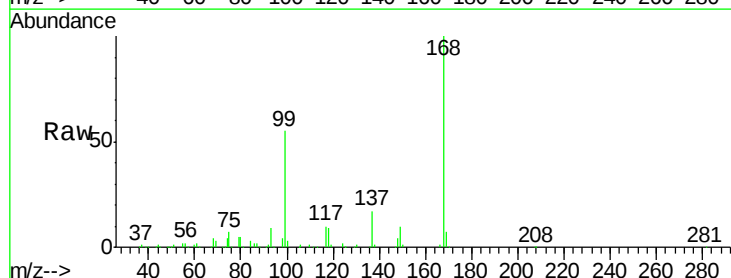
Tgt Ion: 56 Resp: 3744

Ion Ratio Lower Upper

56 100

69 167.2 25.7 38.5#

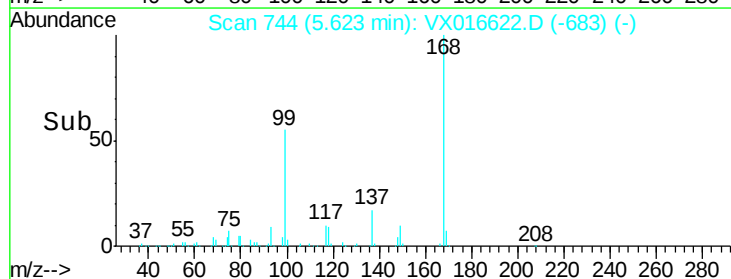
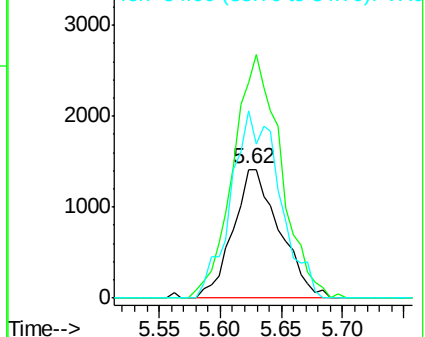
84 145.4 70.0 105.0#

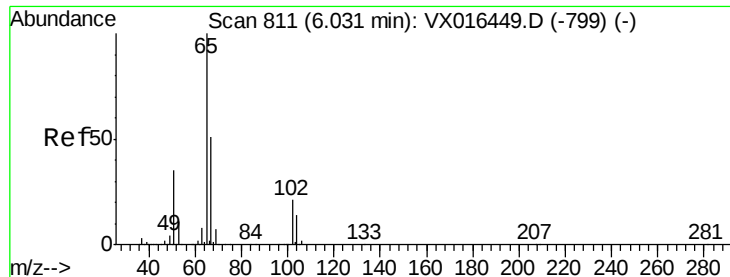


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.92 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016622.D

Acq: 05 Jun 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

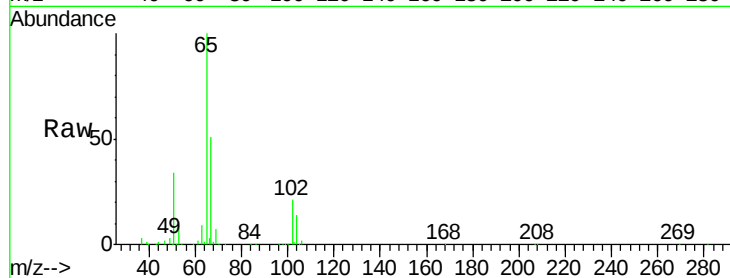
TANK-1-20200604

Tgt Ion: 65 Resp: 129452

Ion Ratio Lower Upper

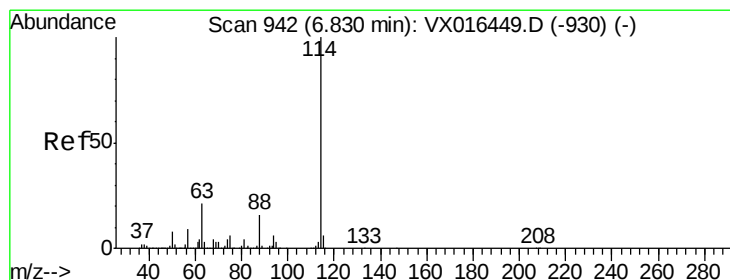
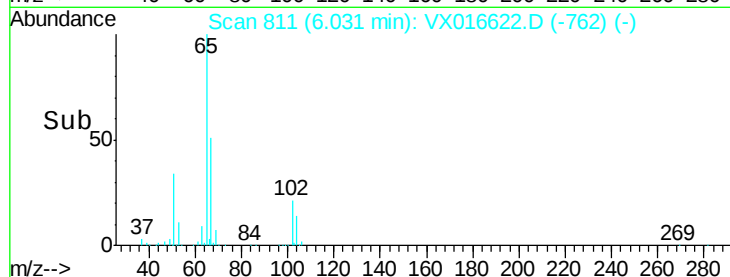
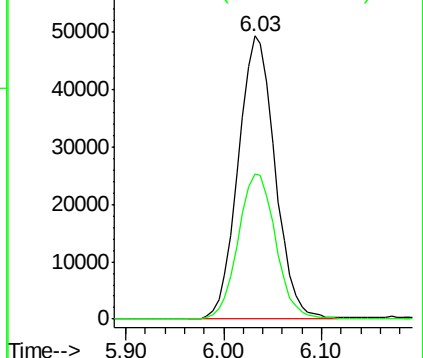
65 100

67 52.3 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016622.D

Acq: 05 Jun 2020 19:19

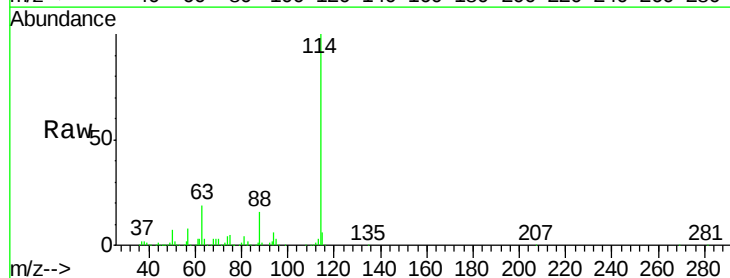
Tgt Ion: 114 Resp: 341523

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

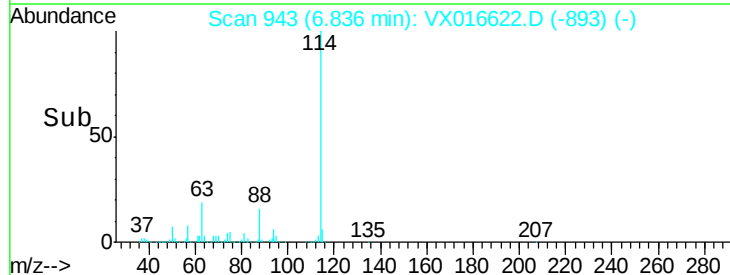
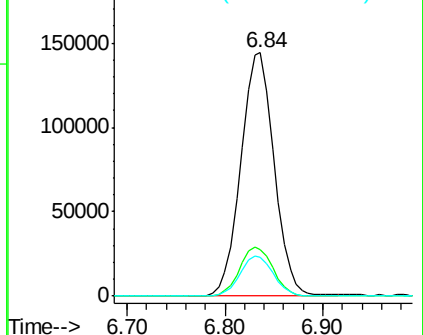
88 16.1 0.0 32.8

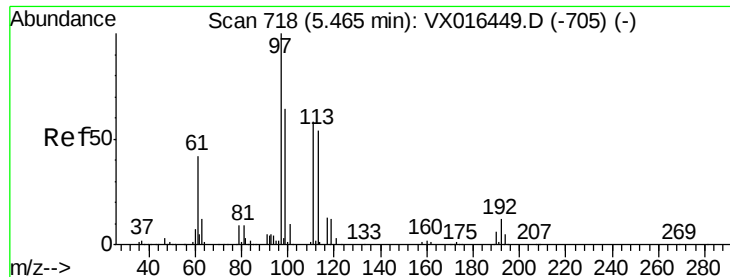


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

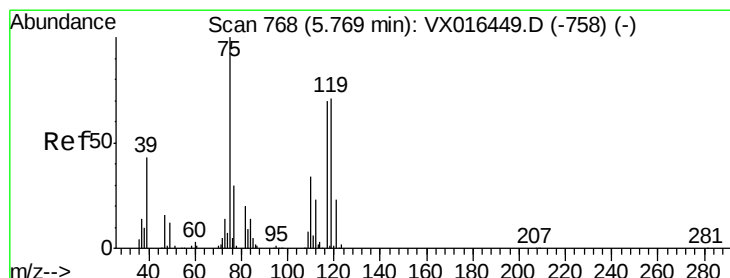
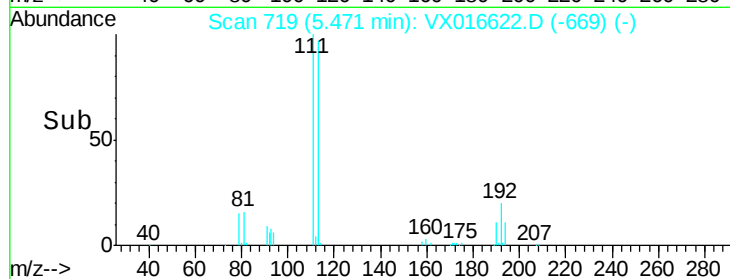
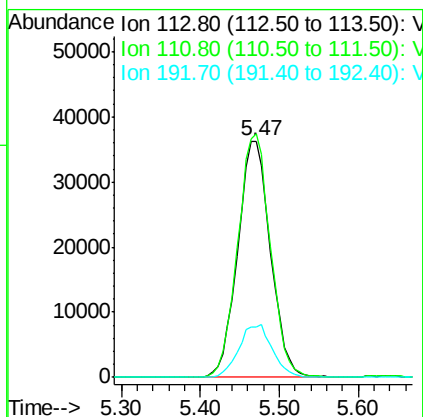
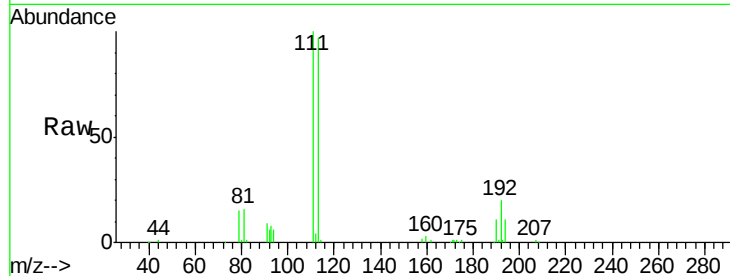




#35
 Dibromofluoromethane
 Concen: 49.86 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016622.D
 Acq: 05 Jun 2020 19:19

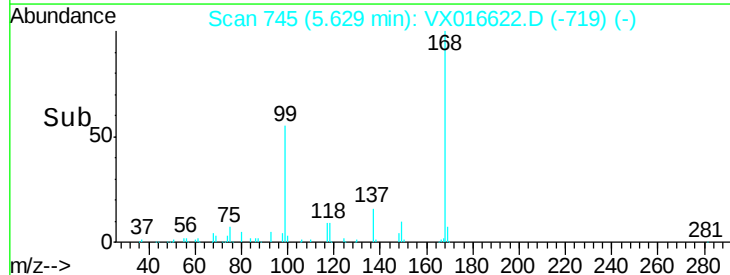
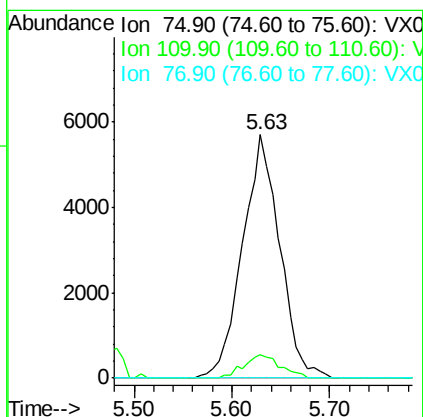
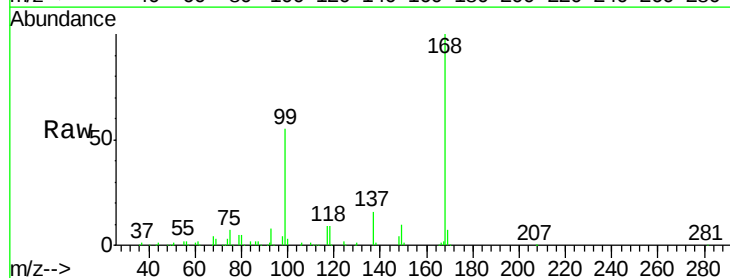
Instrument :
 MSVOA_X
 ClientSampleId :
 TANK-1-20200604

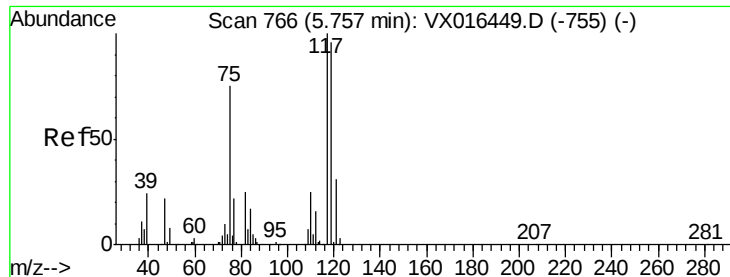
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.0	124.6
192	22.8	17.7	26.5



#36
 1,1-Dichloropropene
 Concen: 4.64 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016622.D
 Acq: 05 Jun 2020 19:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.4	52.3#
77	0.0	24.2	36.4#

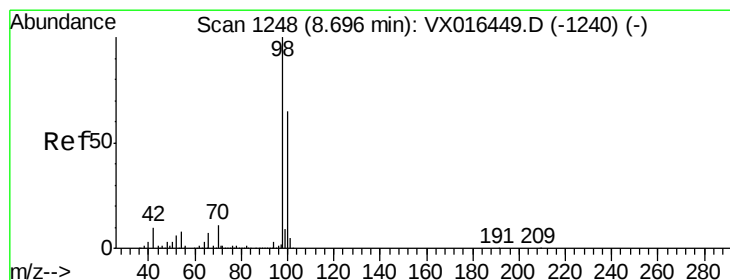
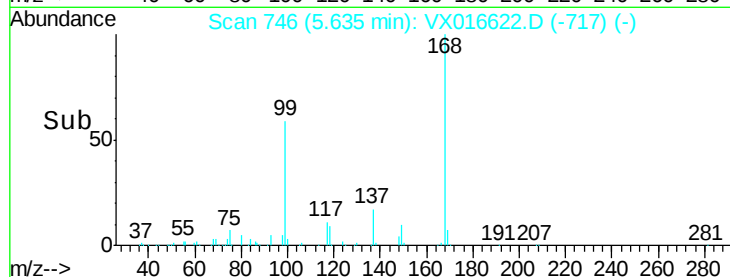
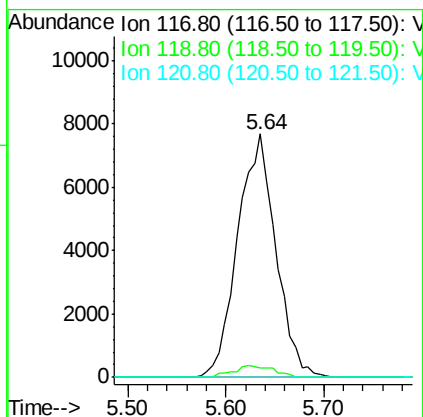
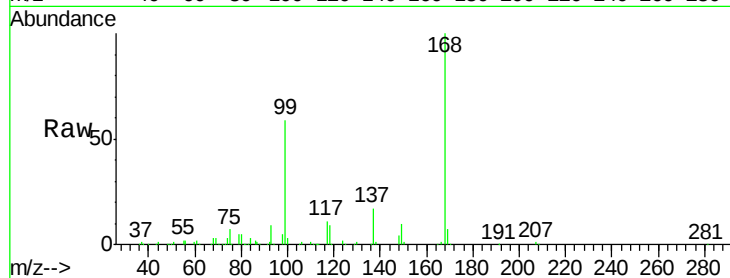




#38
Carbon Tetrachloride
Concen: 6.12 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX016622.D
Acq: 05 Jun 2020 19:19

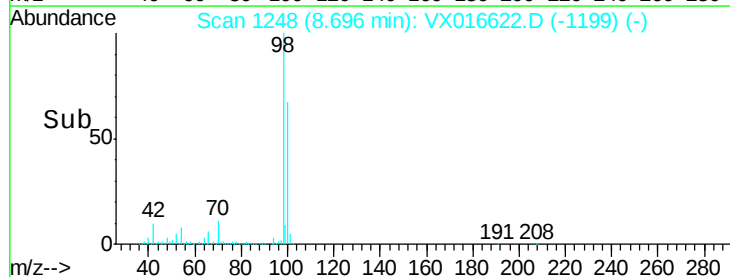
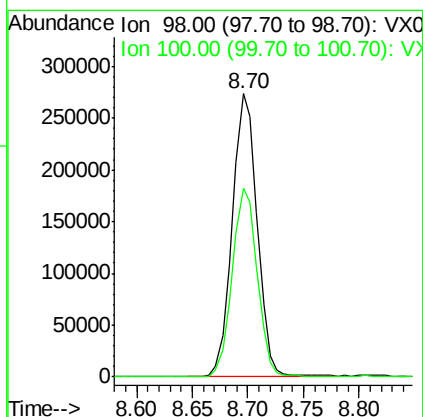
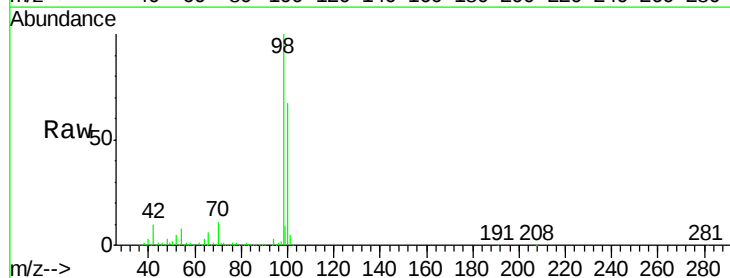
Instrument :
MSVOA_X
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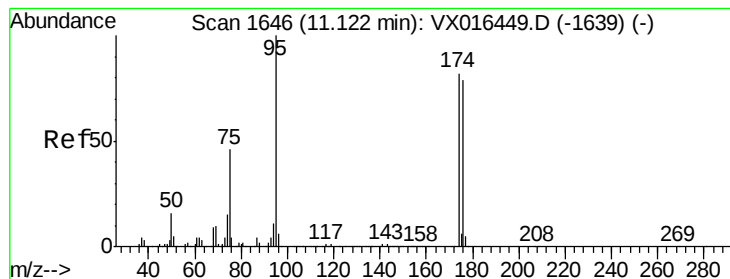
Tgt Ion: 117 Resp: 20798
Ion Ratio Lower Upper
117 100
119 4.0 76.3 114.5#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 51.95 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016622.D
Acq: 05 Jun 2020 19:19

Tgt Ion: 98 Resp: 425216
Ion Ratio Lower Upper
98 100
100 66.8 53.8 80.6





#62

4-Bromofluorobenzene

Concen: 54.23 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016622.D

Acq: 05 Jun 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

TANK-1-20200604

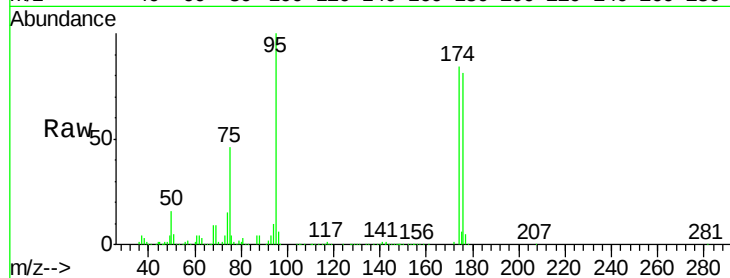
Tgt Ion: 95 Resp: 171507

Ion Ratio Lower Upper

95 100

174 85.7 0.0 163.0

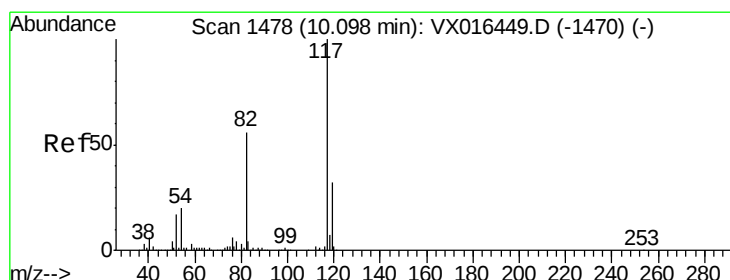
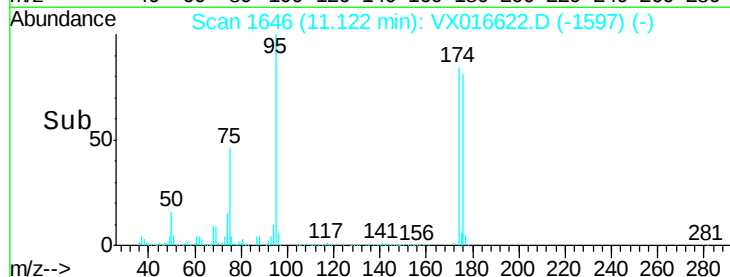
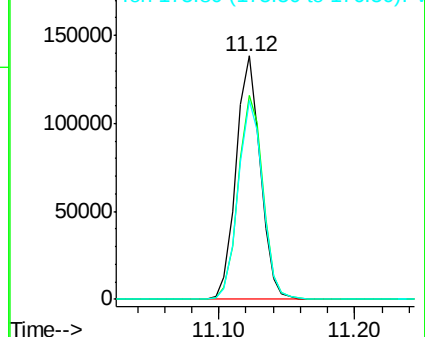
176 83.1 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016622.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016622.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016622.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016622.D

Acq: 05 Jun 2020 19:19

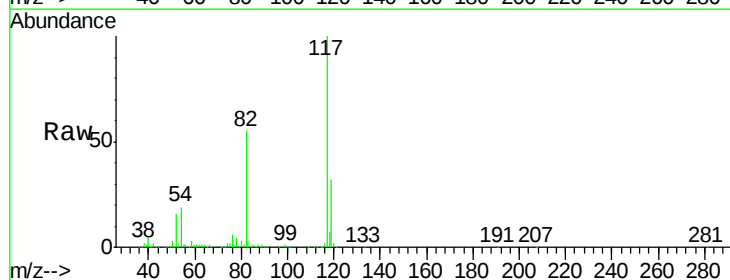
Tgt Ion: 117 Resp: 352405

Ion Ratio Lower Upper

117 100

82 54.7 45.0 67.6

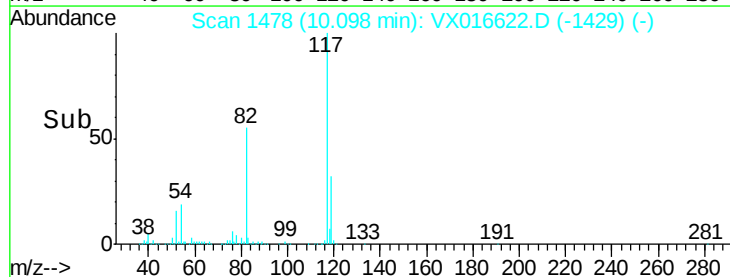
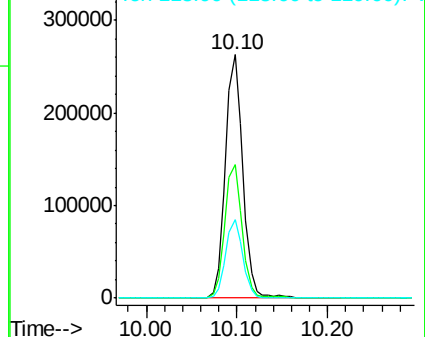
119 32.0 25.8 38.8

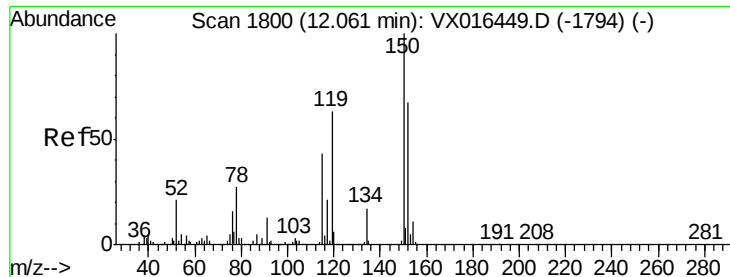


Abundance Ion 116.90 (116.60 to 117.60): VX016622.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016622.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016622.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016622.D

Acq: 05 Jun 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

TANK-1-20200604

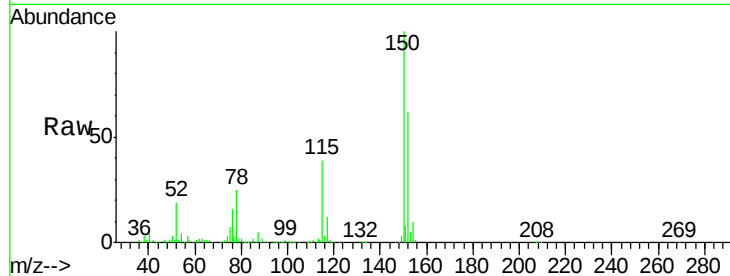
Tgt Ion: 152 Resp: 176623

Ion Ratio Lower Upper

152 100

115 59.1 39.9 119.6

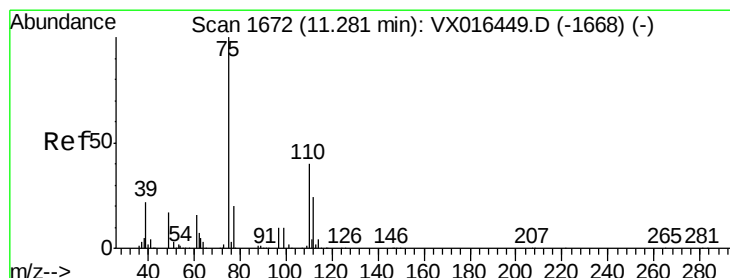
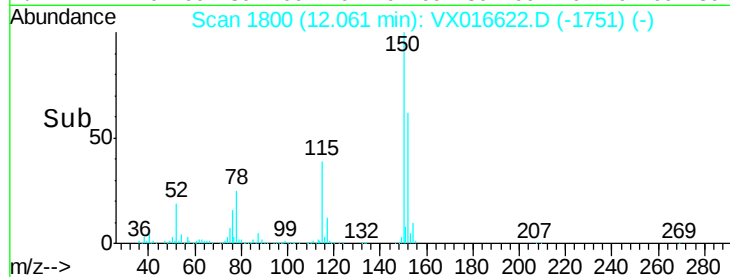
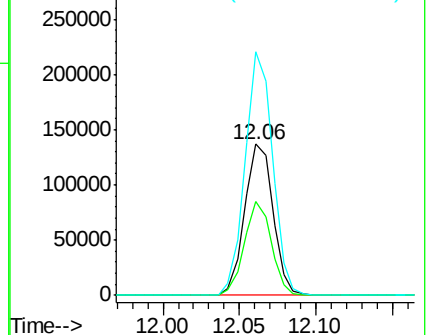
150 156.2 0.0 341.0



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: 21.61 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016622.D

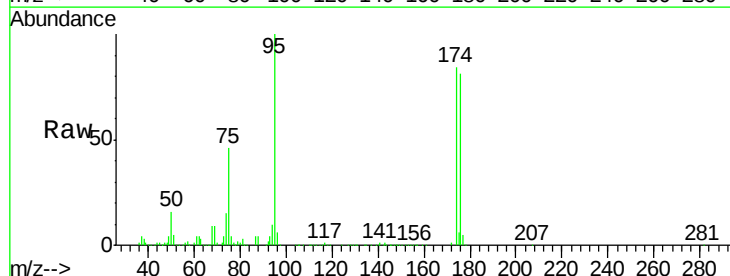
Acq: 05 Jun 2020 19:19

Tgt Ion: 75 Resp: 83895

Ion Ratio Lower Upper

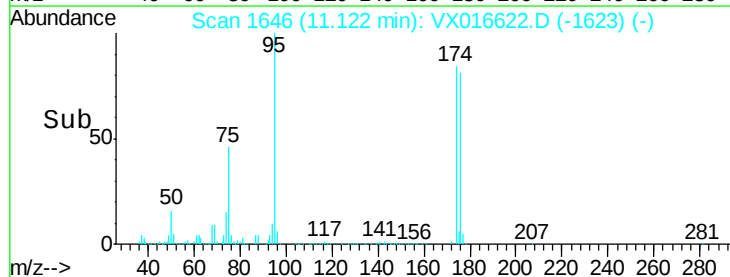
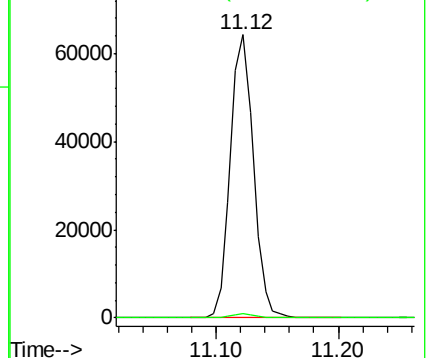
75 100

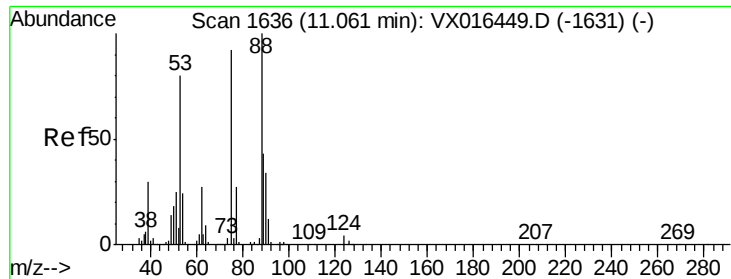
77 1.4 21.3 63.7#



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: 53.16 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016622.D
 Acq: 05 Jun 2020 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 TANK-1-20200604

Tgt Ion: 75 Resp: 83895
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.3 106.9#
 89 0.0 36.6 55.0#

