

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090320\
 Data File : VX018230.D
 Acq On : 03 Sep 2020 13:29
 Operator : JC/SP
 Sample : L3886-01 500X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTE-31230

Quant Time: Sep 04 01:20:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	478565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	771381	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	744358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	374951	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	345014	51.93	ug/l	0.00
Spiked Amount			Recovery	=	103.86%	
35) Dibromofluoromethane	5.47	113	271146	51.61	ug/l	0.00
Spiked Amount			Recovery	=	103.22%	
50) Toluene-d8	8.70	98	948091	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	11.12	95	343733	44.65	ug/l	0.00
Spiked Amount			Recovery	=	89.30%	

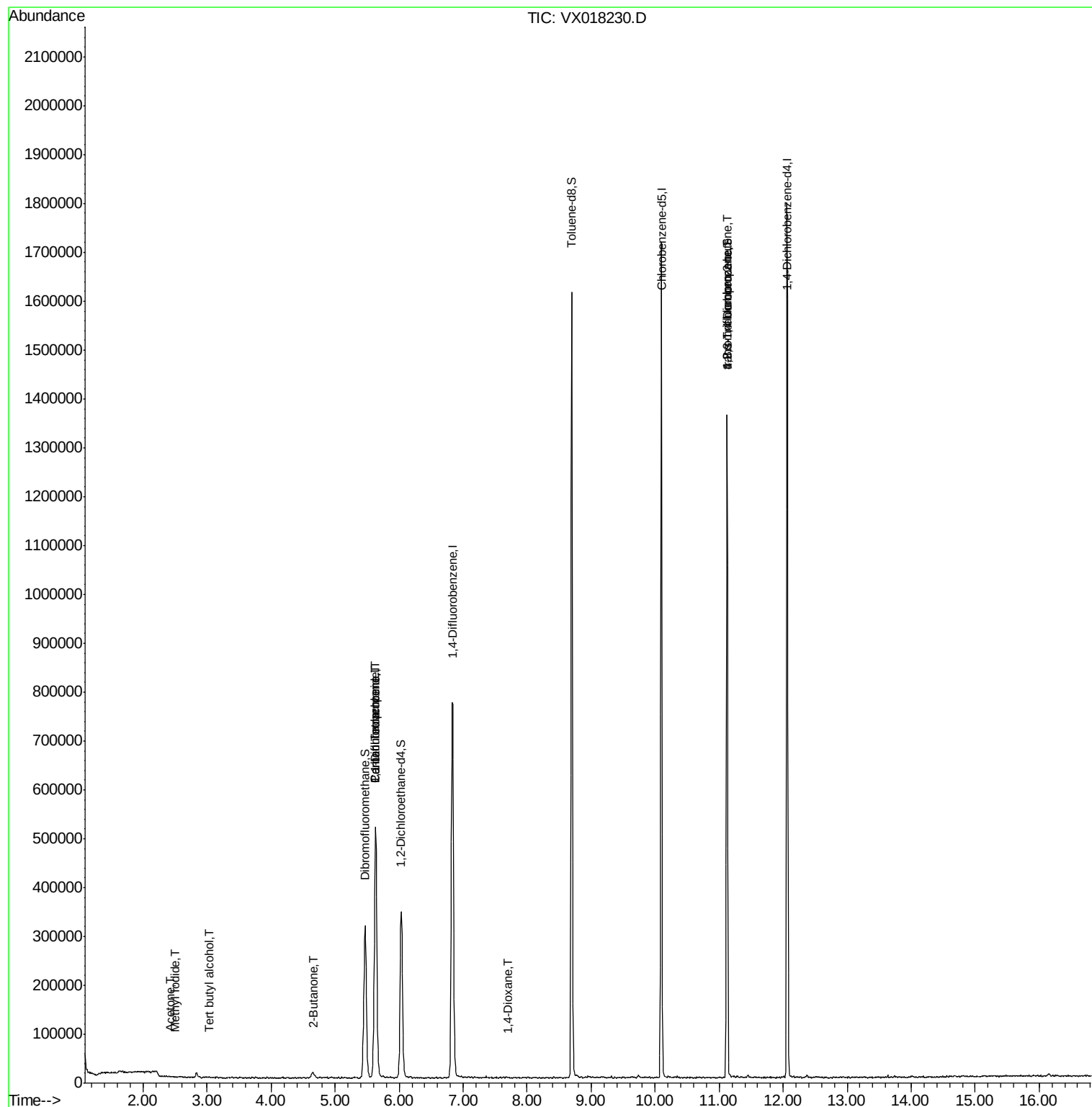
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	485	5.377	ug/l #	52
11) Tert butyl alcohol	3.02	59	689	0.533	ug/l #	41
16) Acetone	2.42	43	2543	0.982	ug/l #	61
20) Methylene Chloride	2.84	84	5192	Below Cal	#	85
25) 2-Butanone	4.65	43	1093	0.257	ug/l #	86
36) 1,1-Dichloropropene	5.63	75	37181	5.226	ug/l #	53
38) Carbon Tetrachloride	5.62	117	50863	6.344	ug/l #	18
49) 1,4-Dioxane	7.71	88	67	0.557	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	182948	21.934	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	182948	59.239	ug/l #	12

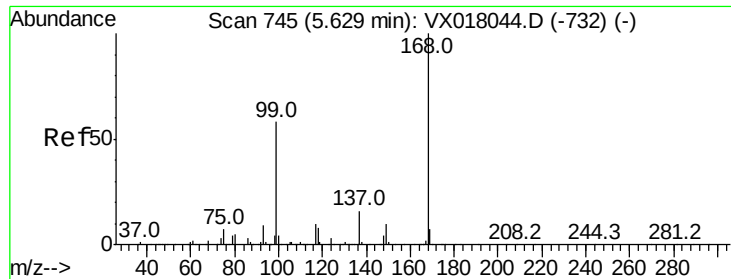
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090320\
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Quant Time: Sep 04 01:20:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018230.D

Acq: 03 Sep 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

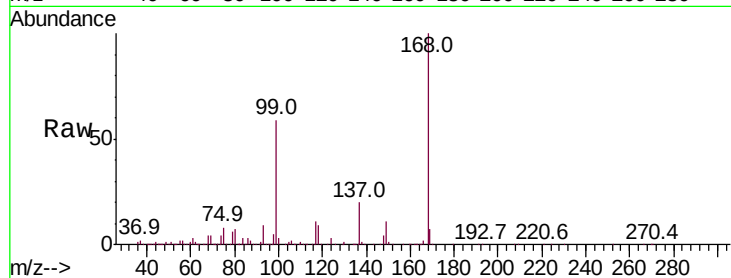
TOTE-31230

Tot Ion:168 Resp: 478565

Ion Ratio Lower Upper

168 100

99 59.4 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

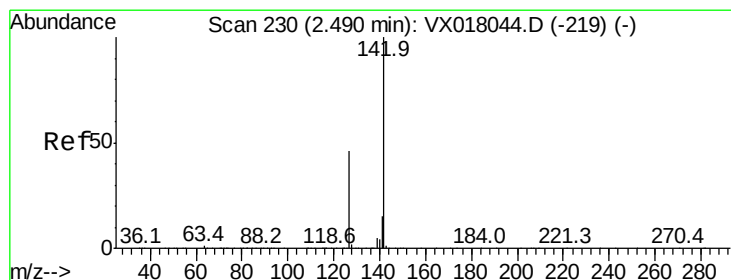
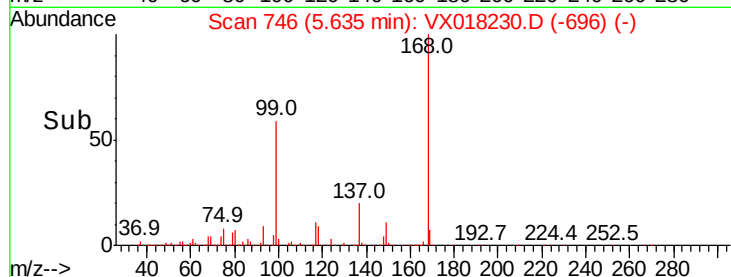
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 5.377 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX018230.D

Acq: 03 Sep 2020 13:29

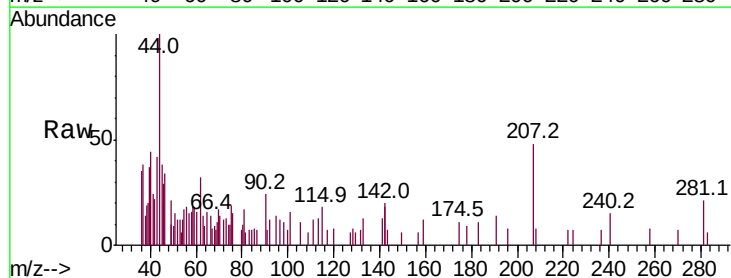
Tgt Ion:142 Resp: 485

Ion Ratio Lower Upper

142 100

127 13.0 37.0 55.6#

141 30.3 11.5 17.3#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

400

300

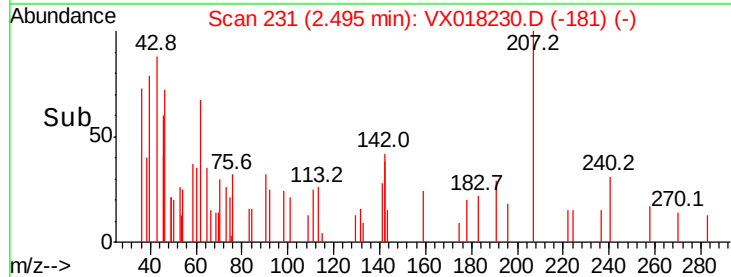
200

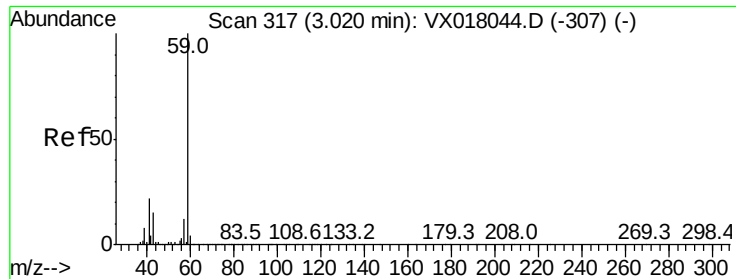
100

0

Time-->

2.46 2.48 2.50 2.52 2.54

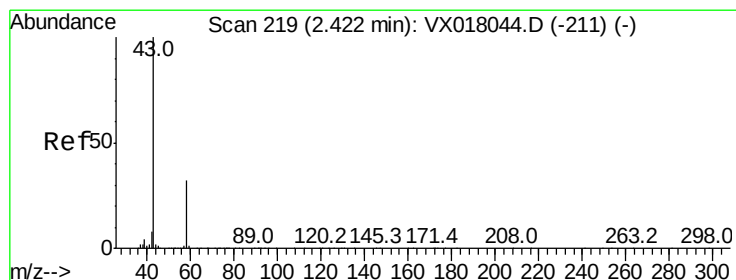
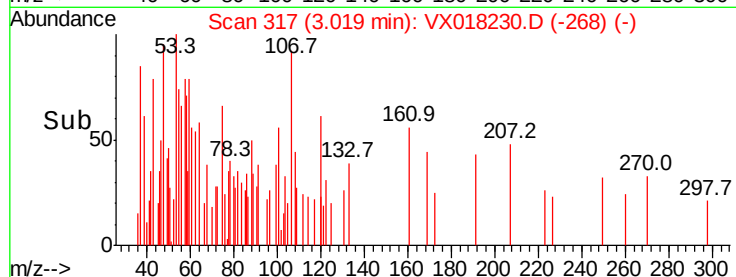
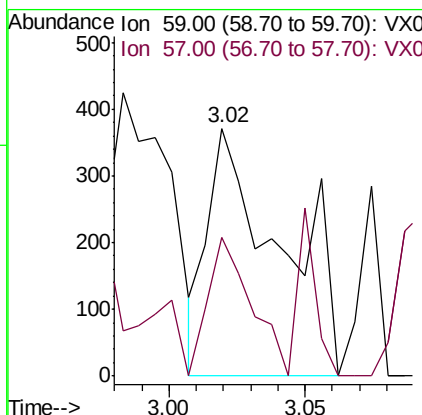
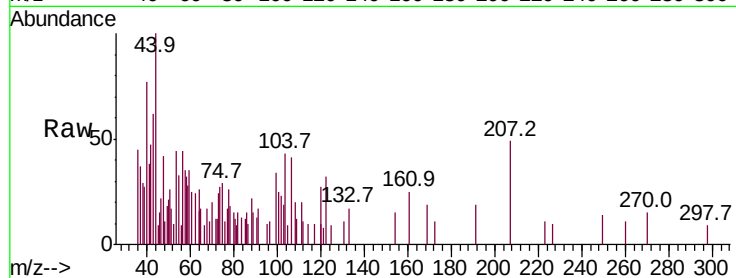




#11
Tert butyl alcohol
Concen: 0.533 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018230.D
Acq: 03 Sep 2020 13:29

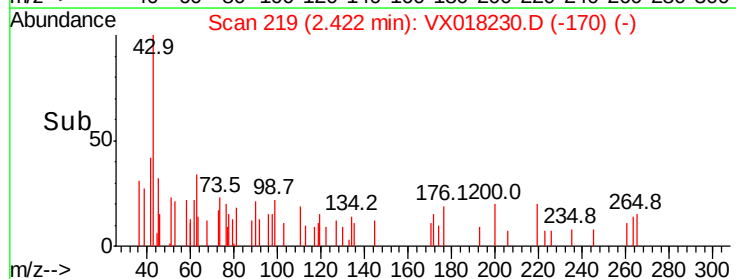
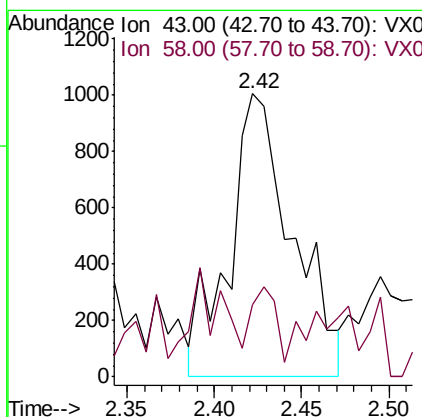
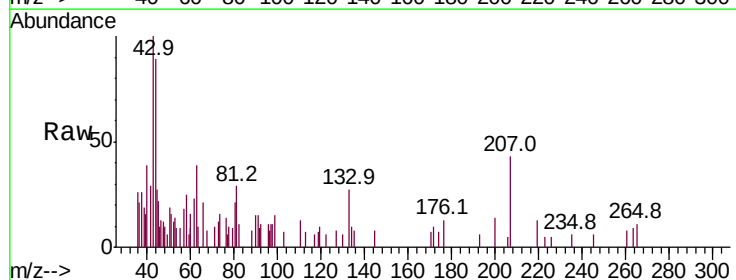
Instrument :
MSVOA_X
ClientSampleID :
TOTE-31230

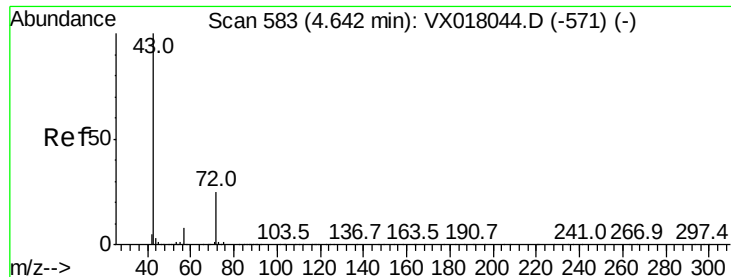
Tot Ion: 59 Resp: 689
Ion Ratio Lower Upper
59 100
57 33.4 8.9 13.3#



#16
Acetone
Concen: 0.982 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX018230.D
Acq: 03 Sep 2020 13:29

Tgt Ion: 43 Resp: 2543
Ion Ratio Lower Upper
43 100
58 10.5 25.5 38.3#





#25

2-Butanone

Concen: 0.257 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX018230.D

Acq: 03 Sep 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

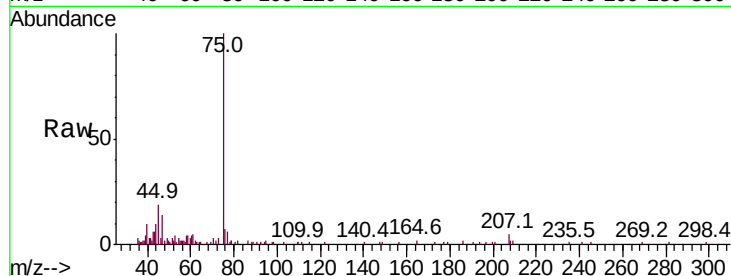
TOTE-31230

Tot Ion: 43 Resp: 1093

Ion Ratio Lower Upper

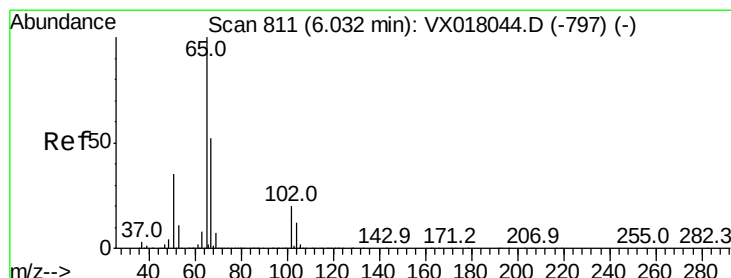
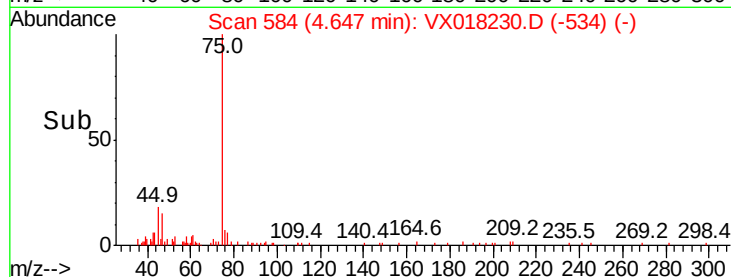
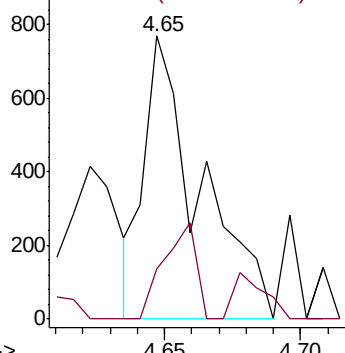
43 100

72 17.9 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.931 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018230.D

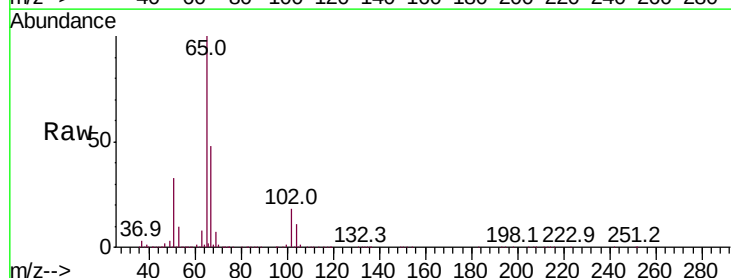
Acq: 03 Sep 2020 13:29

Tgt Ion: 65 Resp: 345014

Ion Ratio Lower Upper

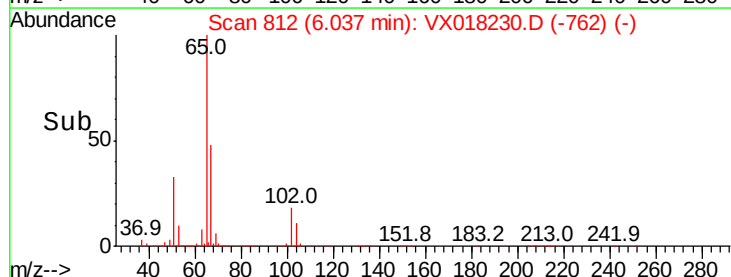
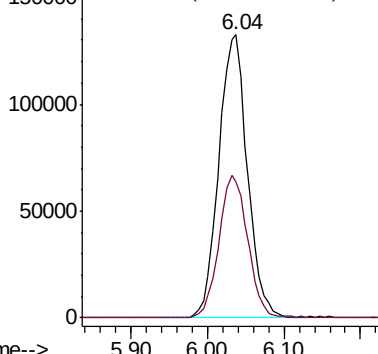
65 100

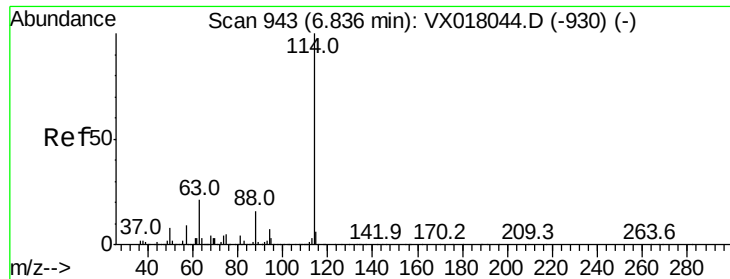
67 50.7 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

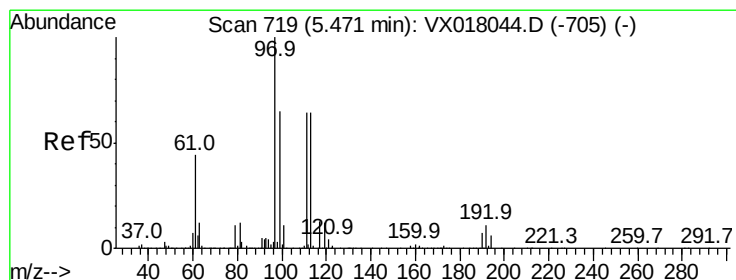
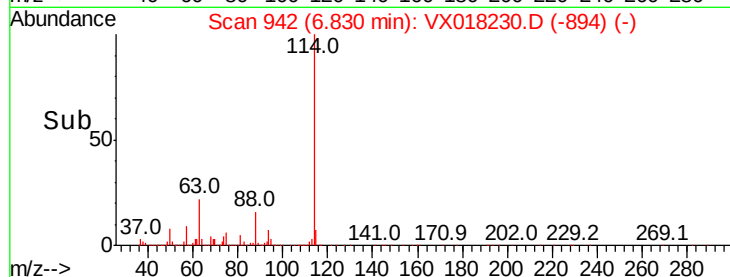
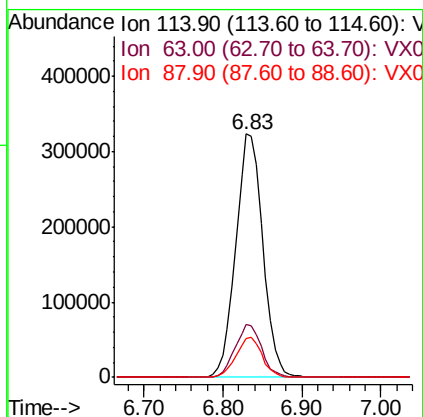
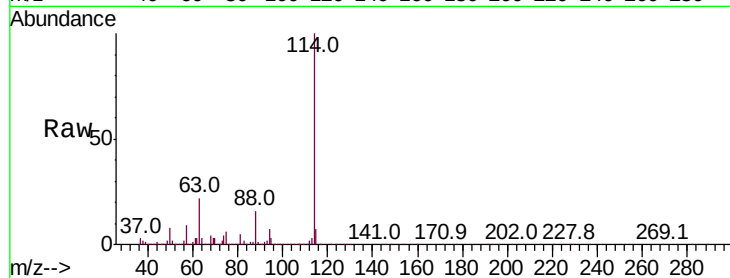




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: VX018230.D
Acq: 03 Sep 2020 13:29

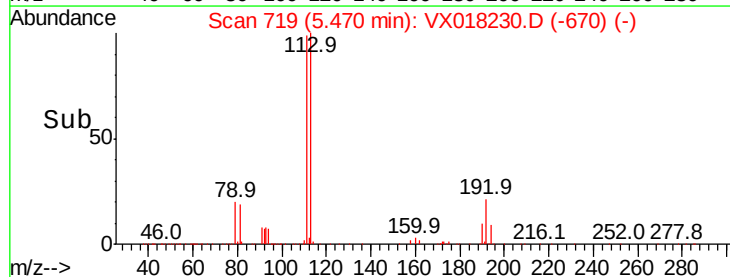
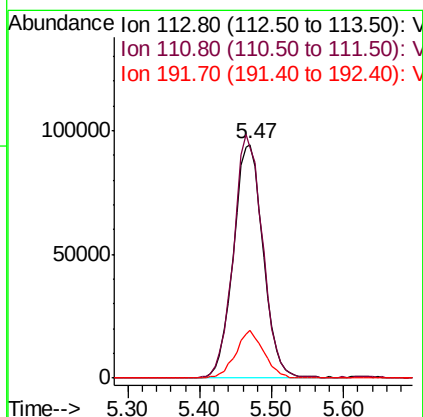
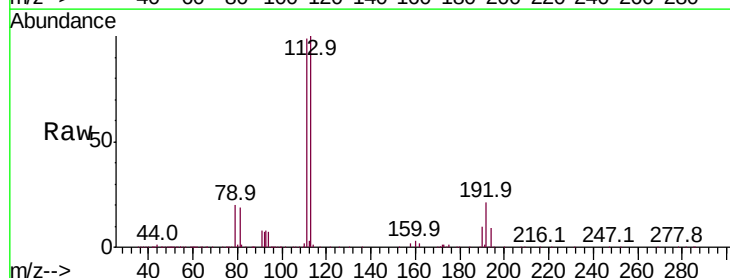
Instrument :
MSVOA_X
ClientSampleId :
TOTE-31230

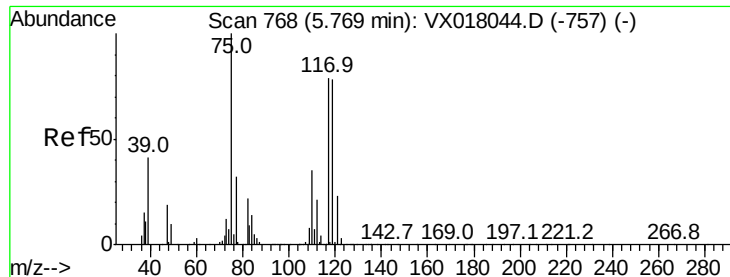
Tot Ion:114 Resp: 771381
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.6
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.613 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX018230.D
Acq: 03 Sep 2020 13:29

Tgt Ion:113 Resp: 271146
Ion Ratio Lower Upper
113 100
111 102.4 81.6 122.4
192 19.4 15.8 23.8





#36

1,1-Dichloropropene

Concen: 5.226 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX018230.D

Acq: 03 Sep 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

TOTE-31230

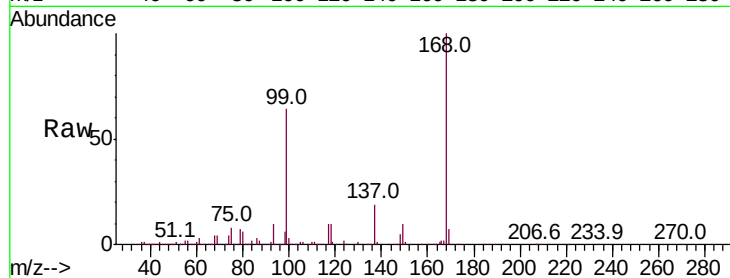
Tot Ion: 75 Resp: 37181

Ion Ratio Lower Upper

75 100

110 12.3 18.0 54.0#

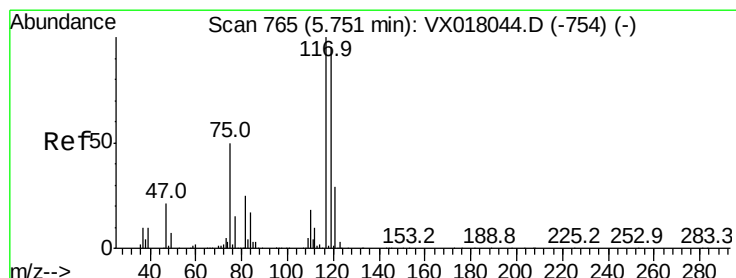
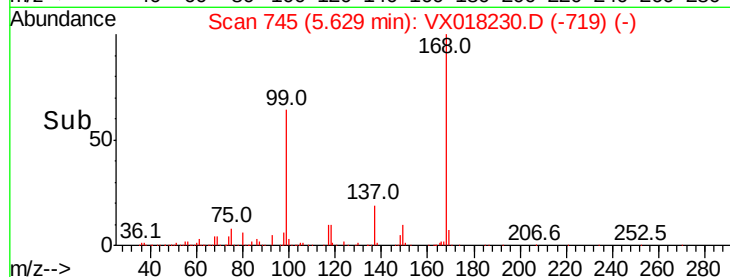
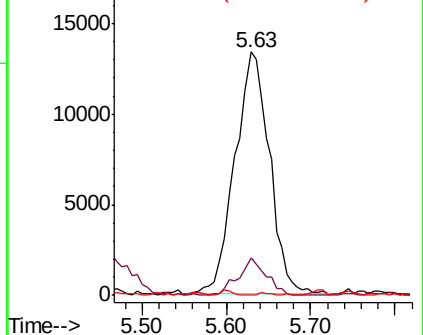
77 0.3 24.4 36.6#



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



#38

Carbon Tetrachloride

Concen: 6.344 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX018230.D

Acq: 03 Sep 2020 13:29

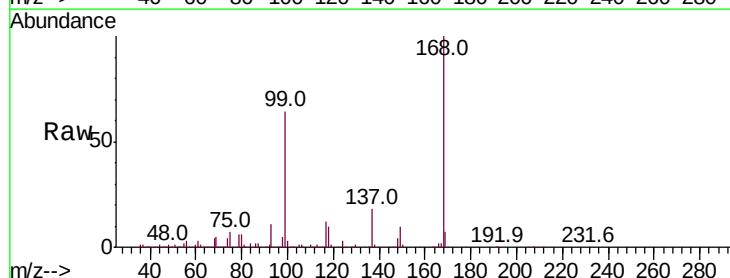
Tgt Ion: 117 Resp: 50863

Ion Ratio Lower Upper

117 100

119 7.6 75.8 113.6#

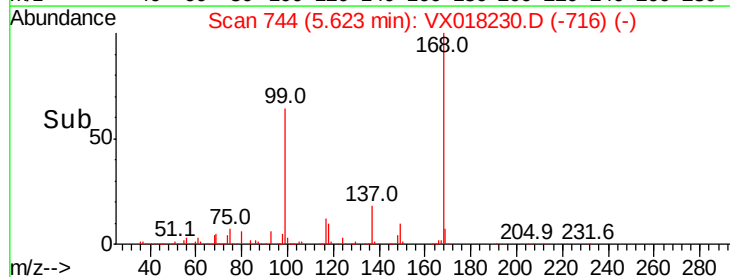
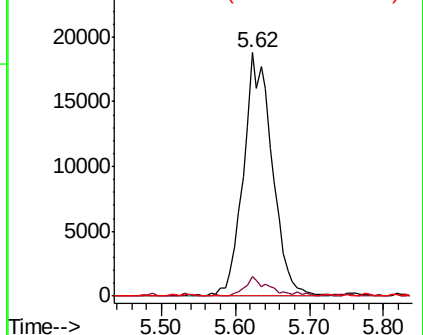
121 0.0 23.4 35.0#

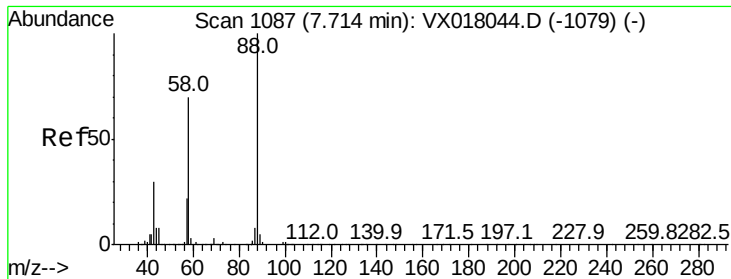


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#49

1,4-Dioxane

Concen: 0.557 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX018230.D

Acq: 03 Sep 2020 13:29

Instrument :

MSVOA_X

ClientSampled :

TOTE-31230

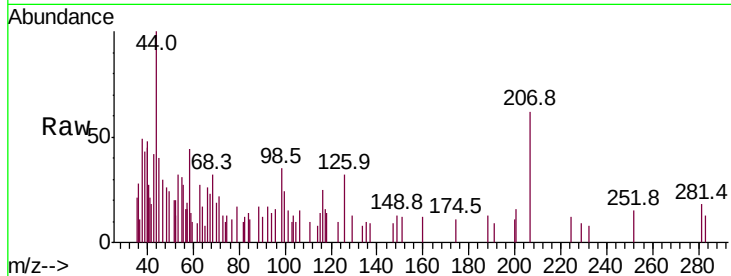
Tot Ion: 88 Resp: 67

Ion Ratio Lower Upper

88 100

43 225.4 27.4 41.0#

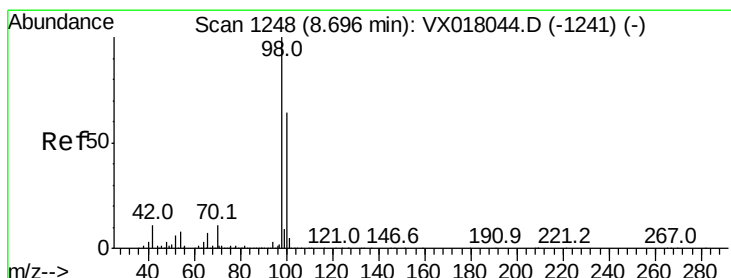
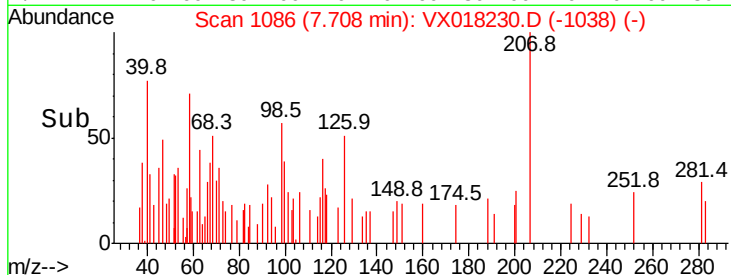
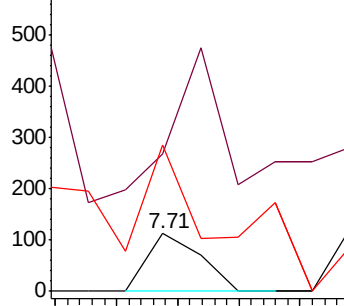
58 0.0 56.4 84.6#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.454 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018230.D

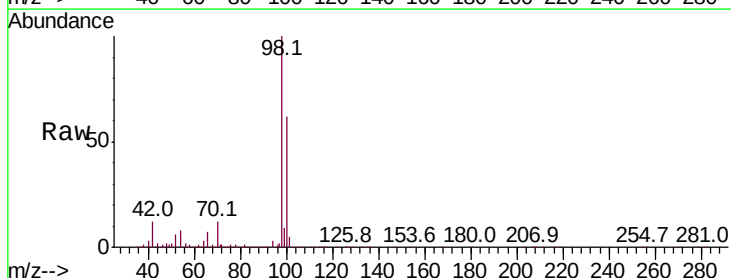
Acq: 03 Sep 2020 13:29

Tgt Ion: 98 Resp: 948091

Ion Ratio Lower Upper

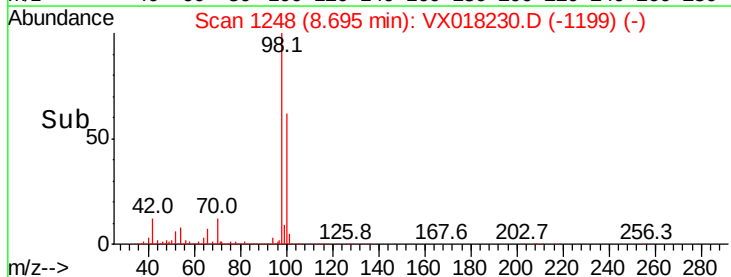
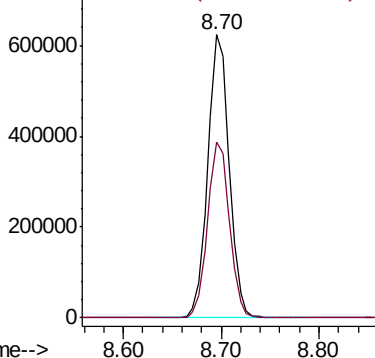
98 100

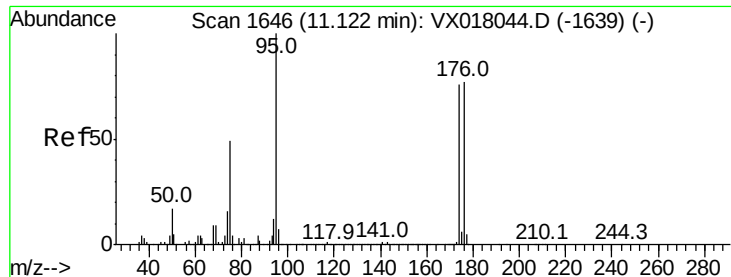
100 63.5 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

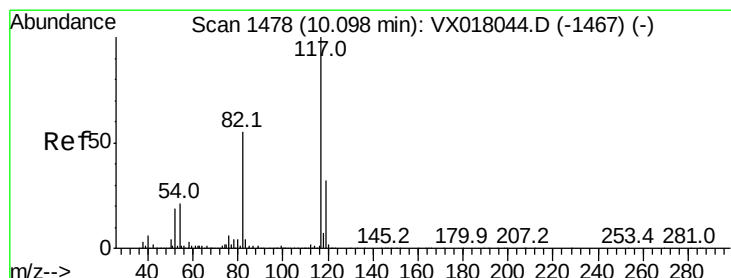
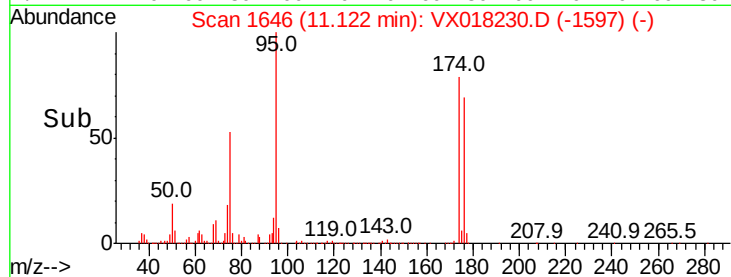
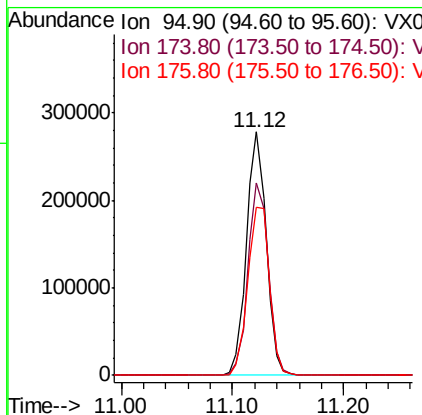
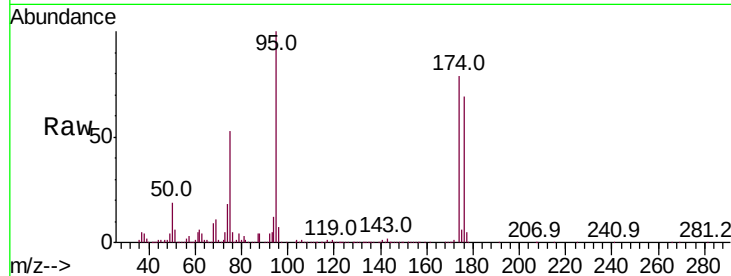




#62
4-Bromofluorobenzene
Concen: 44.650 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018230.D
Acq: 03 Sep 2020 13:29

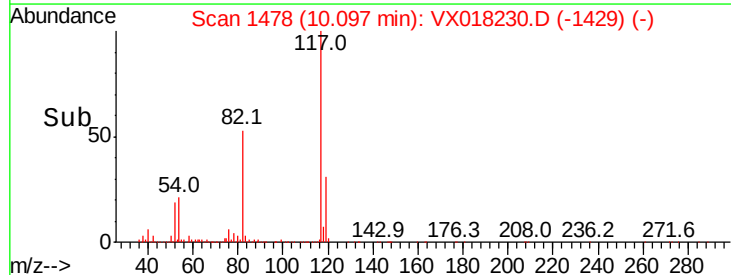
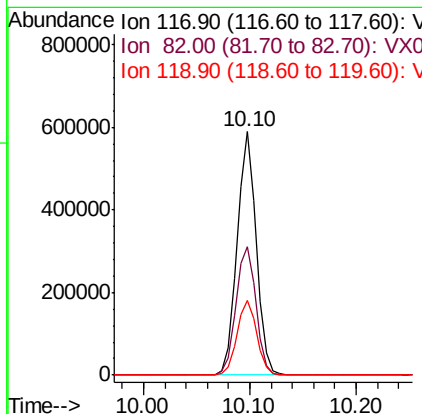
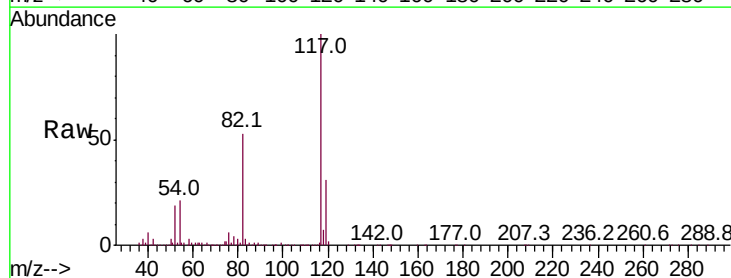
Instrument :
MSVOA_X
ClientSampleId :
TOTE-31230

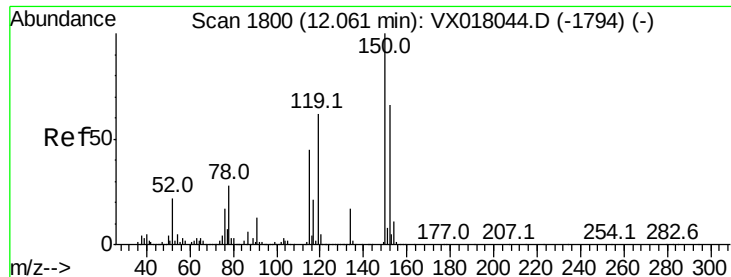
Tot Ion: 95 Resp: 343733
Ion Ratio Lower Upper
95 100
174 81.7 0.0 160.2
176 76.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018230.D
Acq: 03 Sep 2020 13:29

Tgt Ion: 117 Resp: 744358
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.2
119 30.9 25.7 38.5



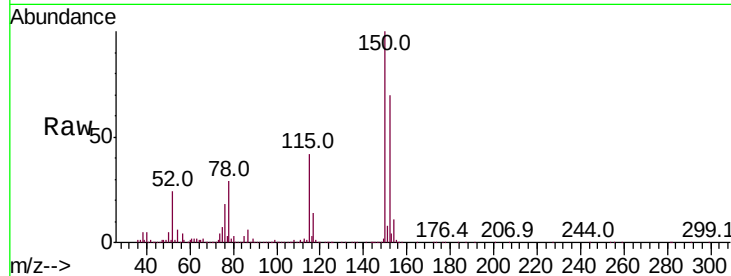


#72

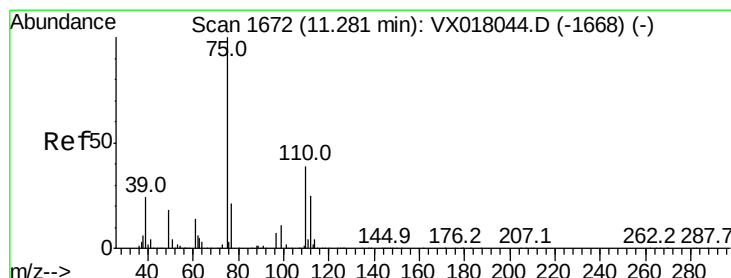
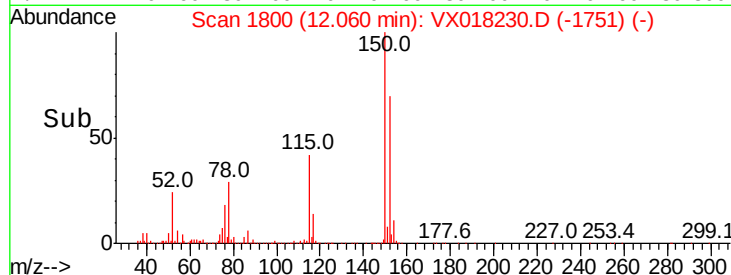
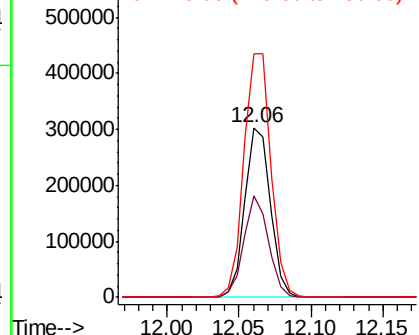
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018230.D
Acq: 03 Sep 2020 13:29

Instrument :
MSVOA_X
ClientSampled :
TOTE-31230

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.8	41.5	124.5
150	151.9	0.0	343.8



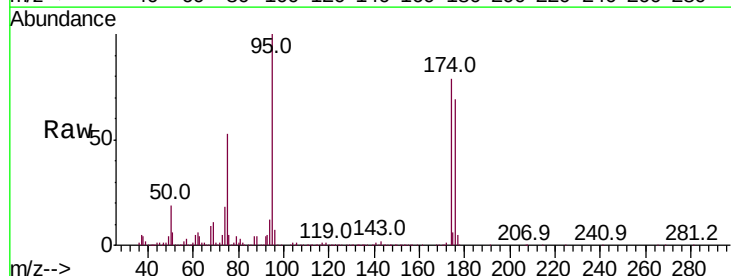
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



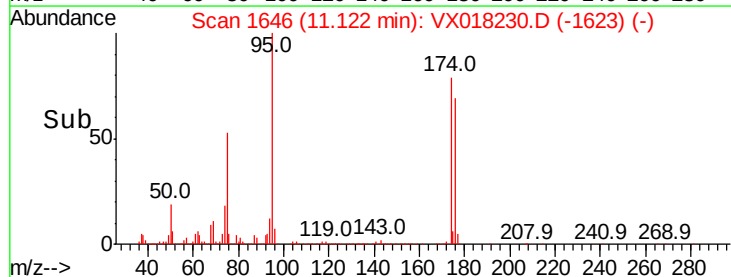
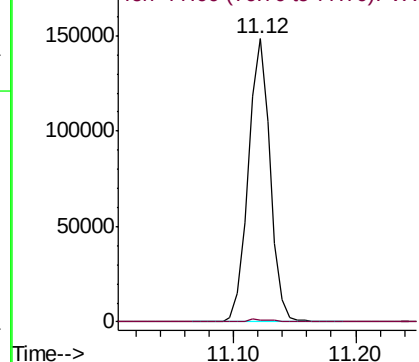
#76

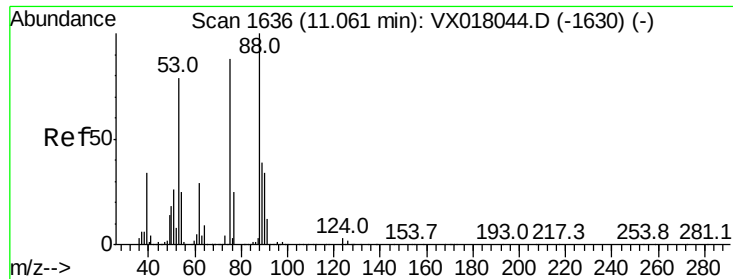
1,2,3-Trichloropropane
Concen: 21.934 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX018230.D
Acq: 03 Sep 2020 13:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.8	62.2#



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: 59.239 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX018230.D
 Acq: 03 Sep 2020 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTE-31230

Tot Ion: 75 Resp: 182948
 Ion Ratio Lower Upper
 75 100
 53 0.5 74.7 112.1#
 89 0.1 36.6 54.8#

