

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090320\
 Data File : VX018233.D
 Acq On : 03 Sep 2020 14:36
 Operator : JC/SP
 Sample : L3903-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 04 01:20:44 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

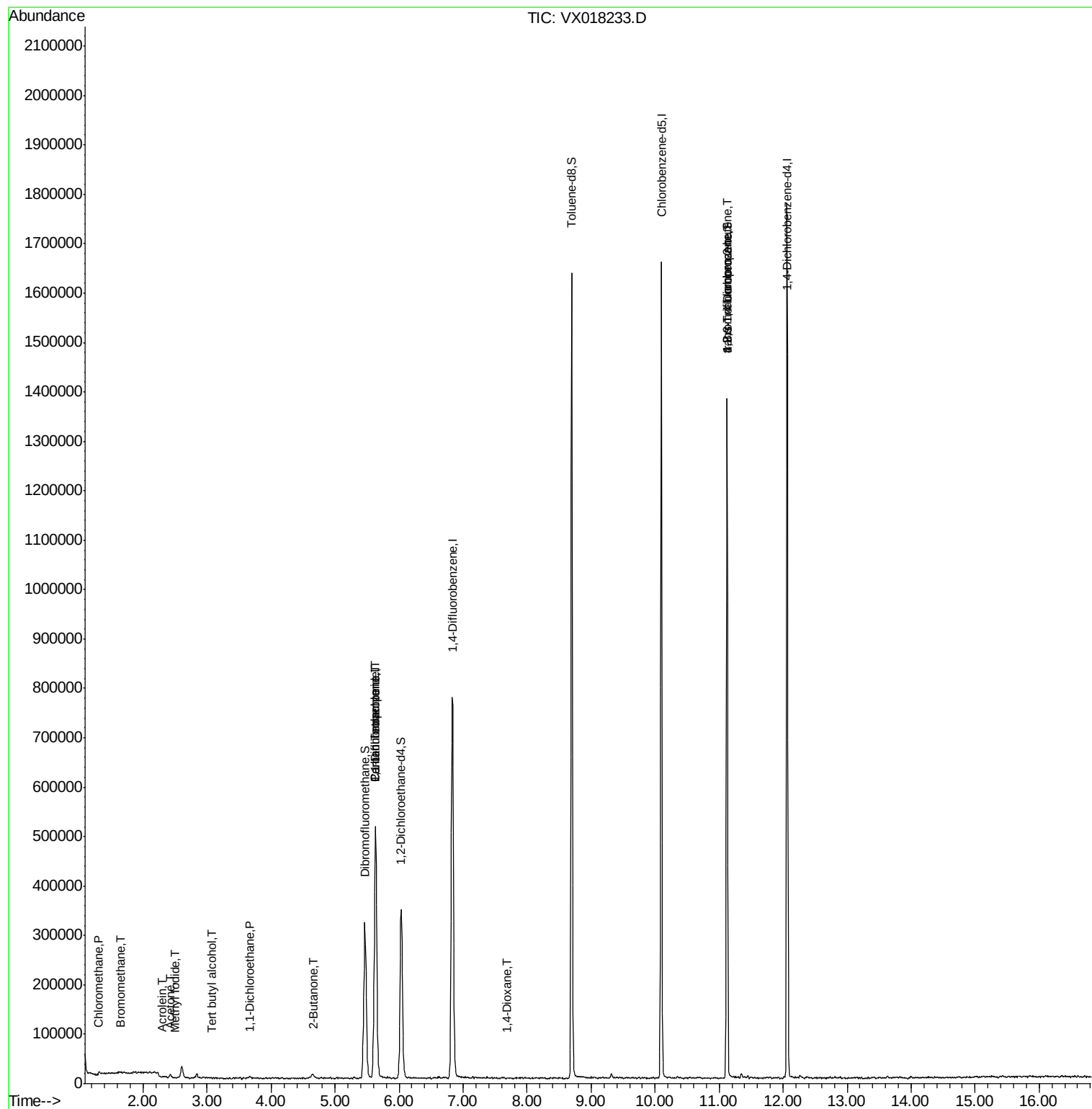
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	470844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	767435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	733575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	362870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	339880	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
35) Dibromofluoromethane	5.47	113	266129	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
50) Toluene-d8	8.70	98	928354	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
62) 4-Bromofluorobenzene	11.12	95	344295	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.31	50	4343	0.719	ug/l	94
5) Bromomethane	1.65	94	1042	0.359	ug/l #	3
10) Methyl Iodide	2.51	142	386	5.359	ug/l #	51
11) Tert butyl alcohol	3.06	59	337	0.265	ug/l #	1
13) Acrolein	2.29	56	480	0.911	ug/l #	22
16) Acetone	2.42	43	8308	3.262	ug/l	96
20) Methylene Chloride	2.83	84	4384	Below Cal	#	73
24) 1,1-Dichloroethane	3.67	63	3747	0.403	ug/l #	89
25) 2-Butanone	4.65	43	1319	0.315	ug/l	98
36) 1,1-Dichloropropene	5.64	75	35392	5.000	ug/l #	54
38) Carbon Tetrachloride	5.63	117	49253	6.174	ug/l #	18
49) 1,4-Dioxane	7.70	88	95	0.793	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	180361	22.344	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	180361	60.346	ug/l #	12

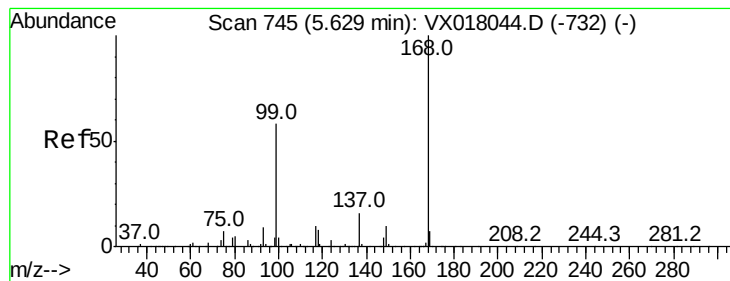
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090320\
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 04 01:20:44 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# 745

Delta R.T. -0.00 min

Lab File: VX018233.D

Acq: 03 Sep 2020 14:36

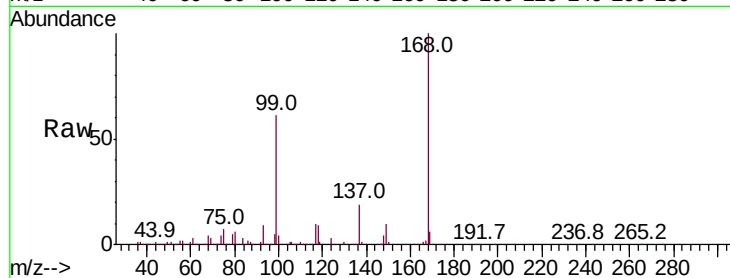
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 470844

Ion Ratio Lower Upper

168 100

99 61.3 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

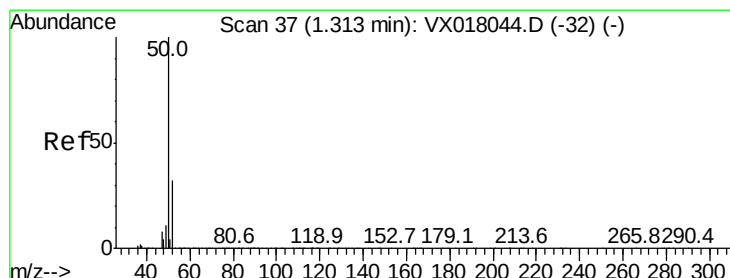
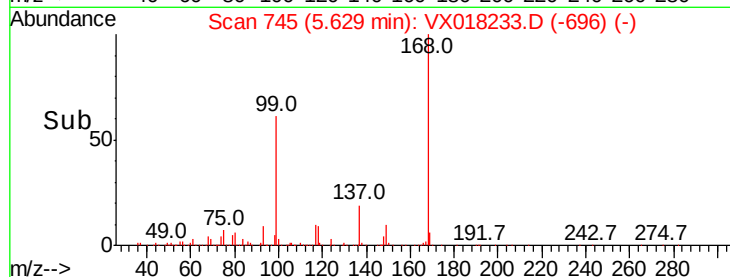
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.719 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018233.D

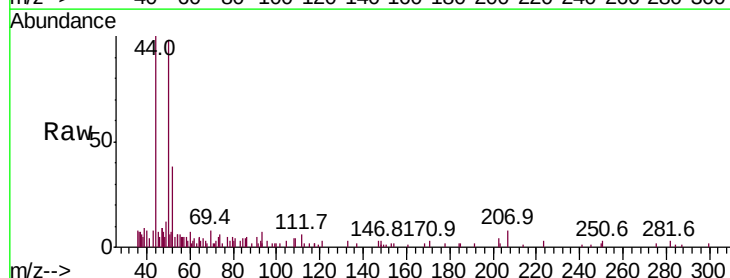
Acq: 03 Sep 2020 14:36

Tgt Ion: 50 Resp: 4343

Ion Ratio Lower Upper

50 100

52 35.0 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

4000

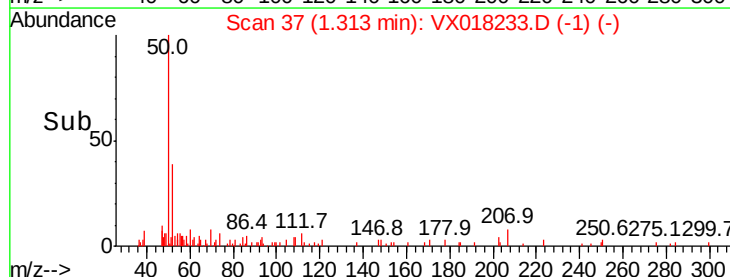
3000

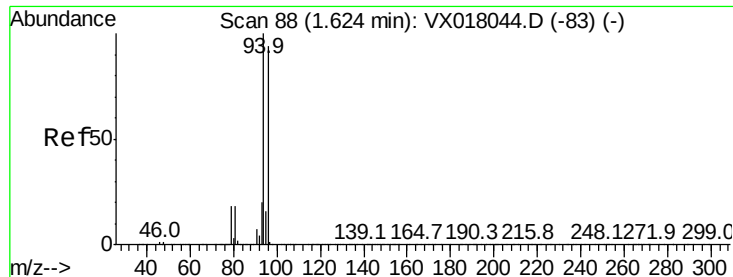
2000

1000

0

Time-->





#5

Bromomethane

Concen: 0.359 ug/l

RT: 1.65 min Scan# 92

Delta R.T. 0.02 min

Lab File: VX018233.D

Acq: 03 Sep 2020 14:36

Instrument :

MSVOA_X

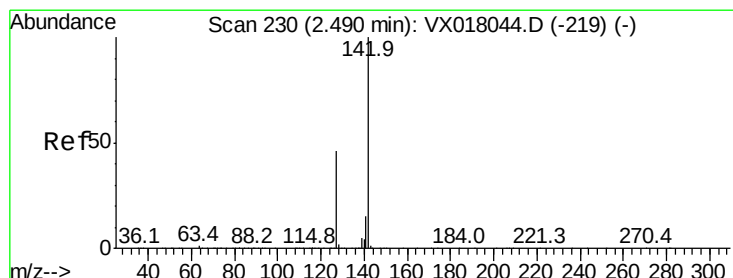
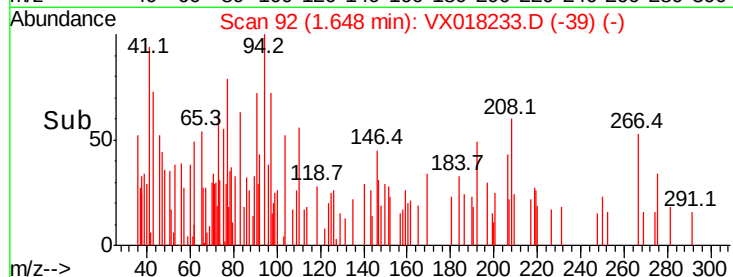
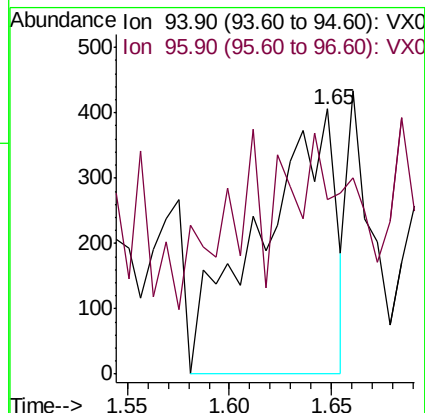
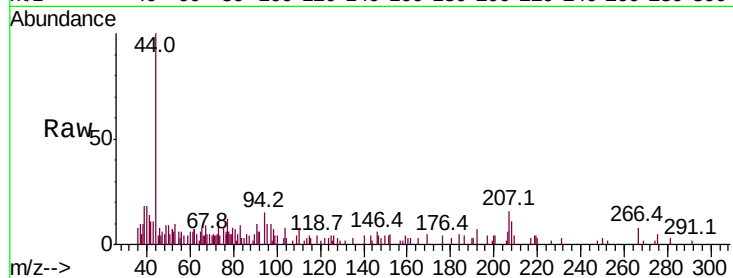
ClientSampled :

Tot Ion: 94 Resp: 1042

Ion Ratio Lower Upper

94 100

96 0.0 74.8 112.2#



#10

Methyl Iodide

Concen: 5.359 ug/l

RT: 2.51 min Scan# 233

Delta R.T. 0.02 min

Lab File: VX018233.D

Acq: 03 Sep 2020 14:36

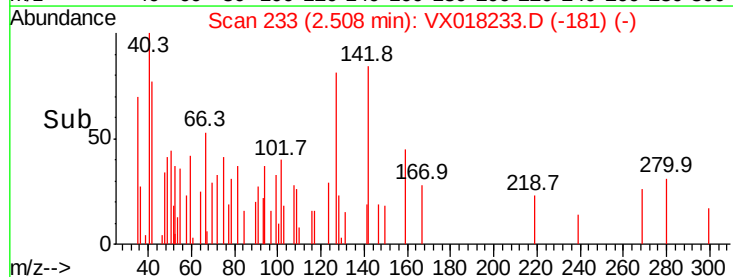
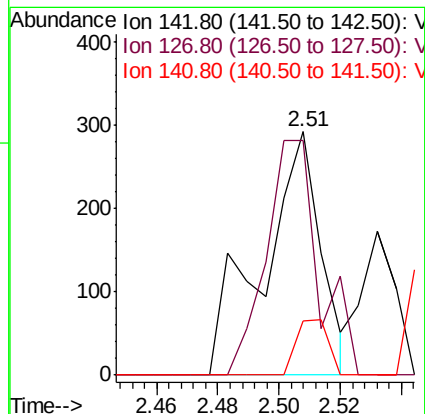
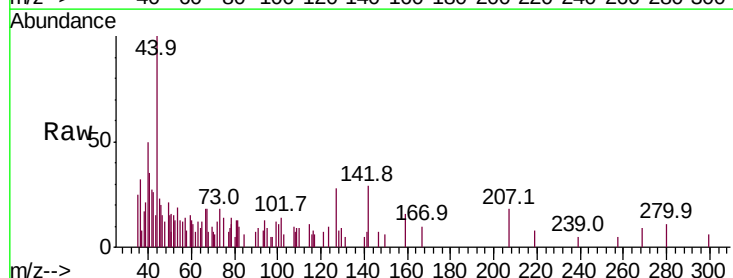
Tgt Ion: 142 Resp: 386

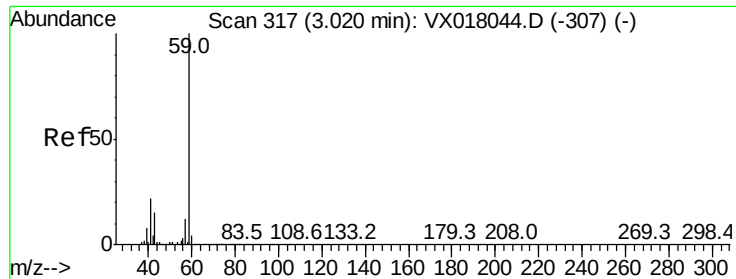
Ion Ratio Lower Upper

142 100

127 87.8 37.0 55.6#

141 12.4 11.5 17.3

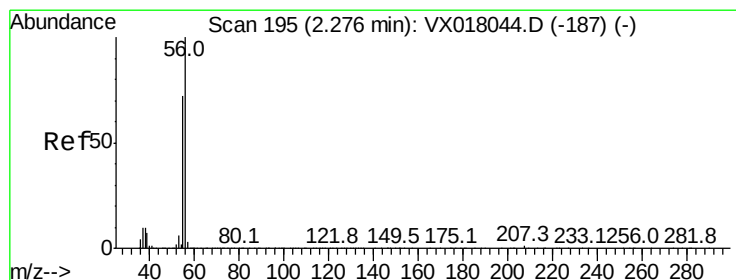
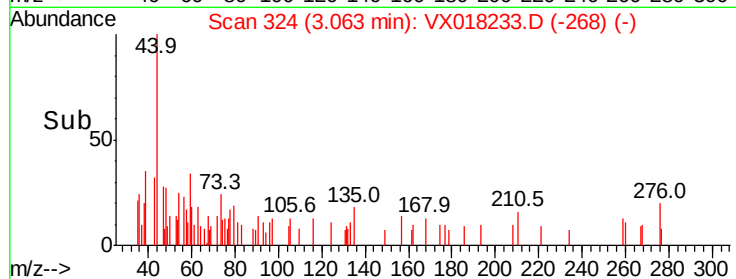
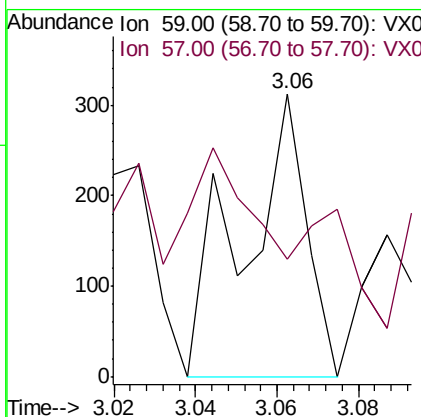
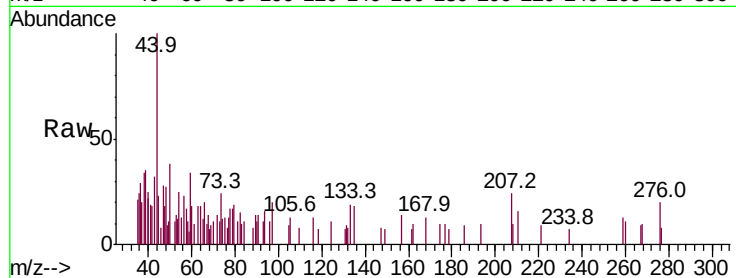




#11
Tert butyl alcohol
Concen: 0.265 ug/l
RT: 3.06 min Scan# 324
Delta R.T. 0.04 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

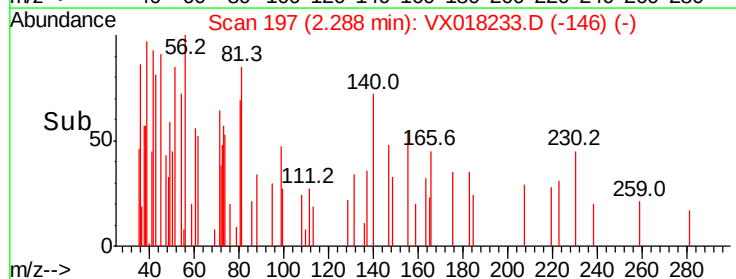
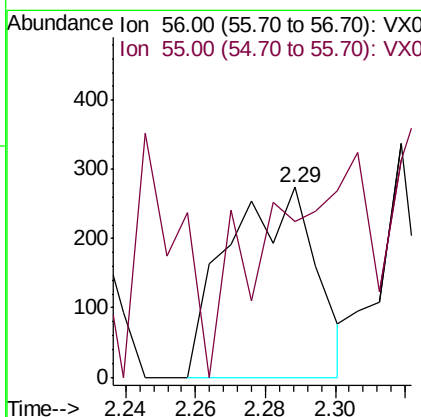
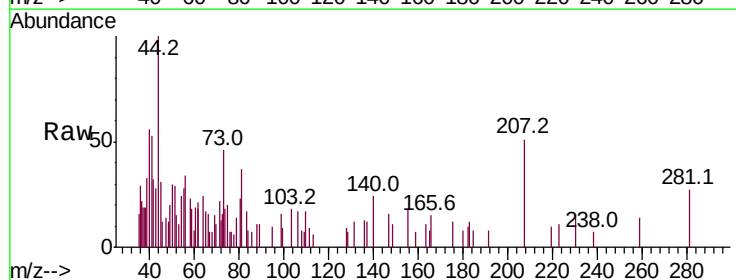
Instrument :
MSVOA_X
ClientSampleId :

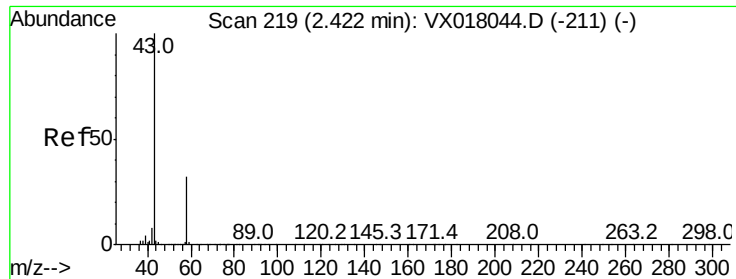
Tot Ion: 59 Resp: 337
Ion Ratio Lower Upper
59 100
57 83.4 8.9 13.3#



#13
Acrolein
Concen: 0.911 ug/l
RT: 2.29 min Scan# 197
Delta R.T. 0.01 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

Tgt Ion: 56 Resp: 480
Ion Ratio Lower Upper
56 100
55 136.3 57.0 85.6#





#16

Acetone

Concen: 3.262 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018233.D

Acq: 03 Sep 2020 14:36

Instrument :

MSVOA_X

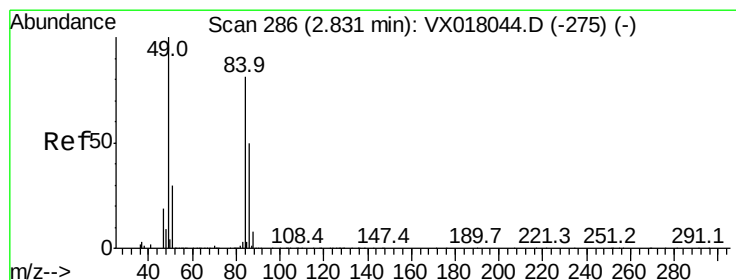
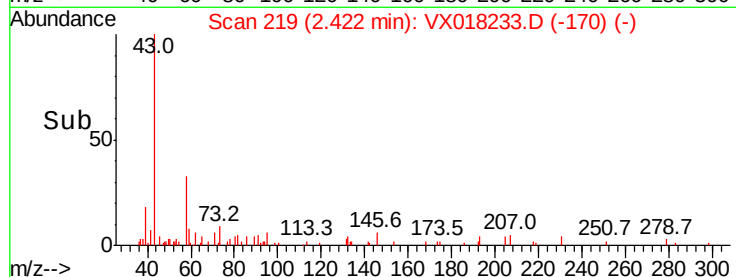
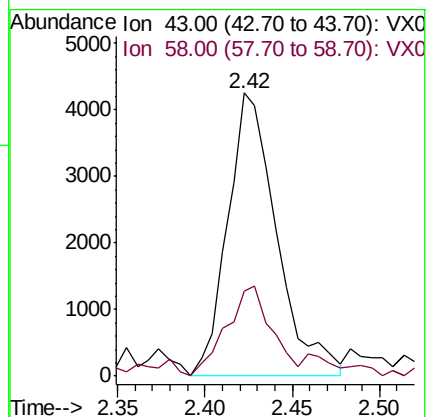
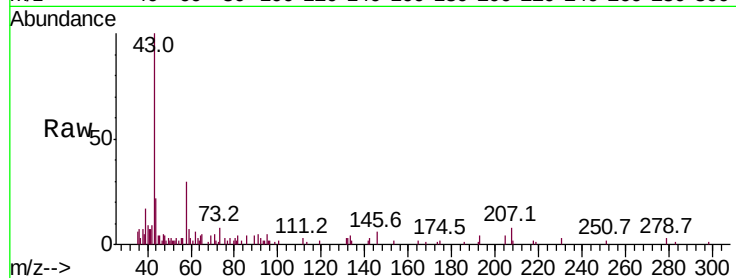
ClientSampleId :

Tot Ion: 43 Resp: 8308

Ion Ratio Lower Upper

43 100

58 29.9 25.5 38.3



#20

Methylene Chloride

Concen: Below Cal

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX018233.D

Acq: 03 Sep 2020 14:36

Tgt Ion: 84 Resp: 4384

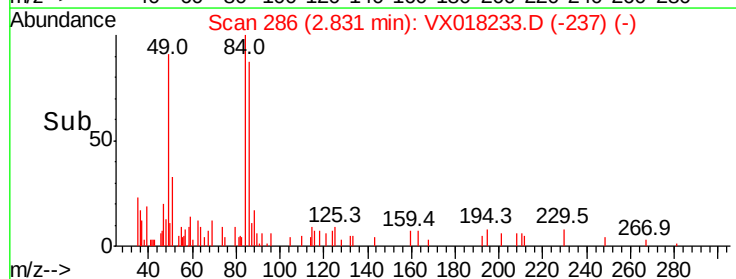
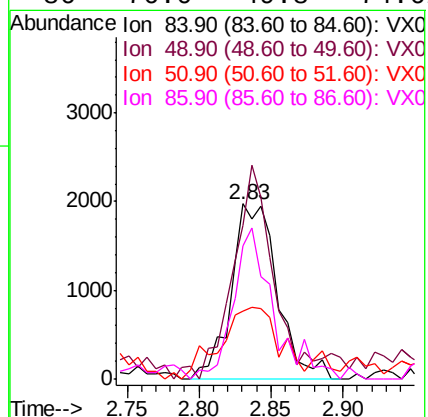
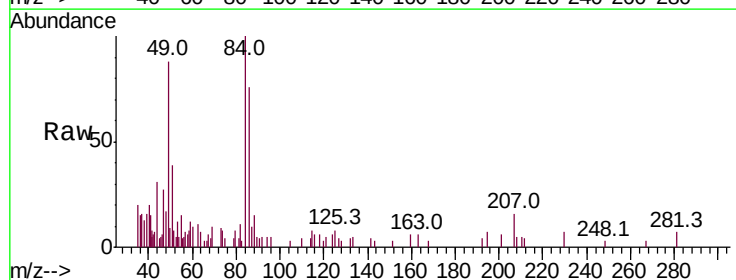
Ion Ratio Lower Upper

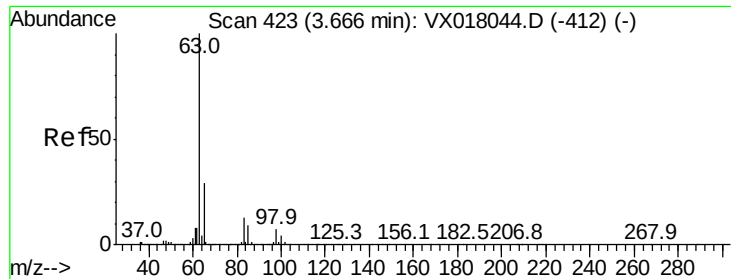
84 100

49 80.4 98.6 148.0#

51 34.4 29.6 44.4

86 76.0 49.8 74.6#





#24

1,1-Dichloroethane

Concen: 0.403 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

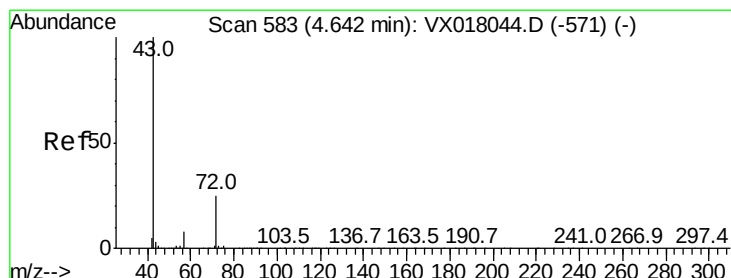
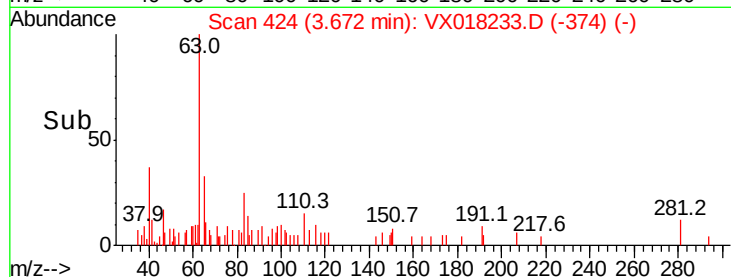
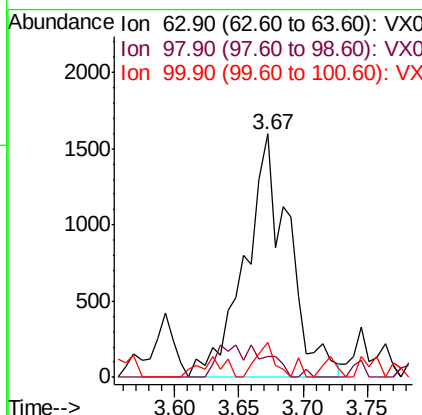
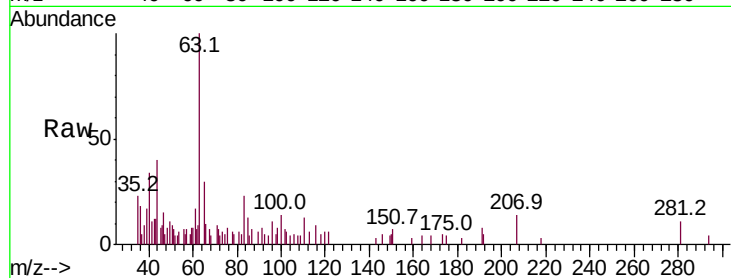
Lab File: VX018233.D

Acq: 03 Sep 2020 14:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 3747

Ion	Ratio	Lower	Upper
63	100		
98	8.9	3.6	10.8
100	11.5	2.0	6.0#



#25

2-Butanone

Concen: 0.315 ug/l

RT: 4.65 min Scan# 584

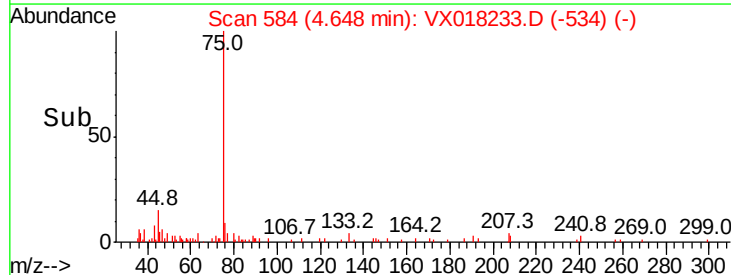
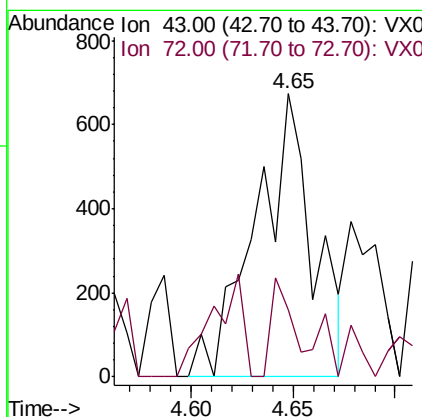
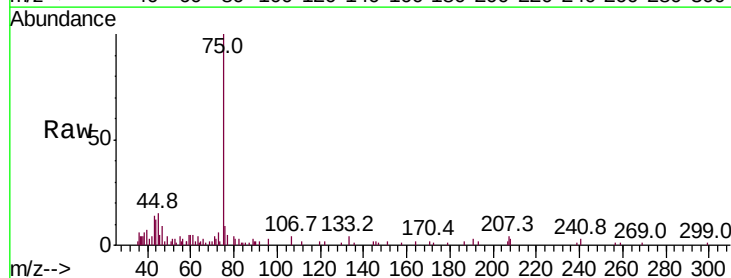
Delta R.T. 0.01 min

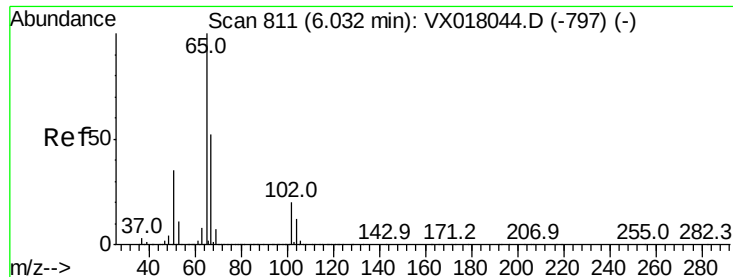
Lab File: VX018233.D

Acq: 03 Sep 2020 14:36

Tgt Ion: 43 Resp: 1319

Ion	Ratio	Lower	Upper
43	100		
72	23.6	19.8	29.6





#33

1,2-Dichloroethane-d4

Concen: 51.997 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018233.D

Acq: 03 Sep 2020 14:36

Instrument :

MSVOA_X

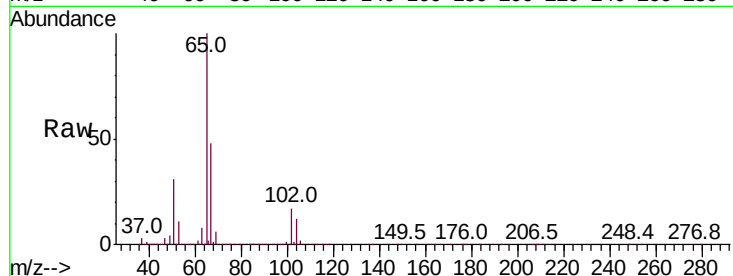
ClientSampleId :

Tot Ion: 65 Resp: 339880

Ion Ratio Lower Upper

65 100

67 50.5 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

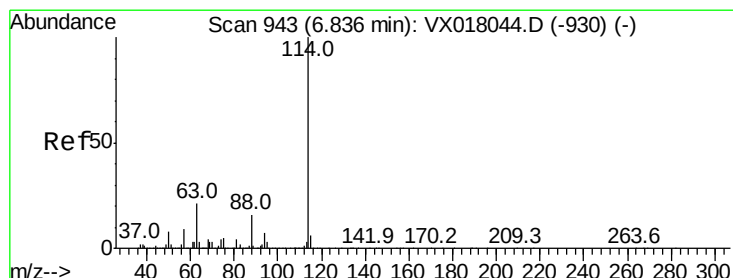
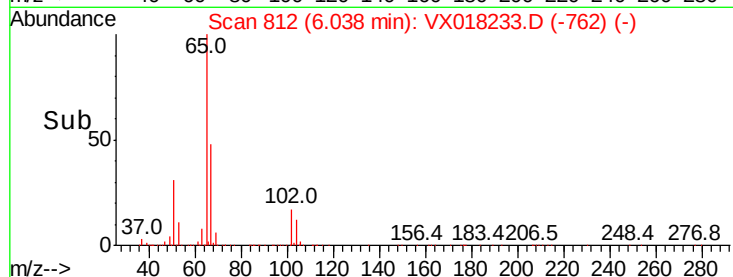
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018233.D

Acq: 03 Sep 2020 14:36

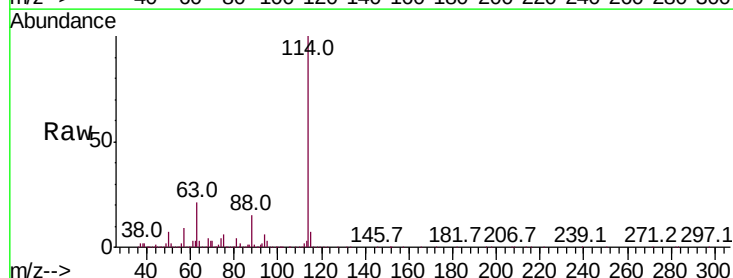
Tgt Ion: 114 Resp: 767435

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 14.5 0.0 31.8



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

400000

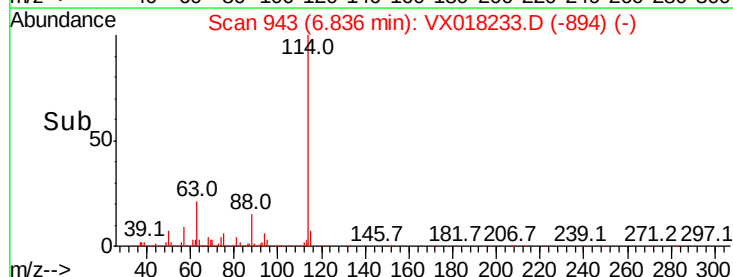
300000

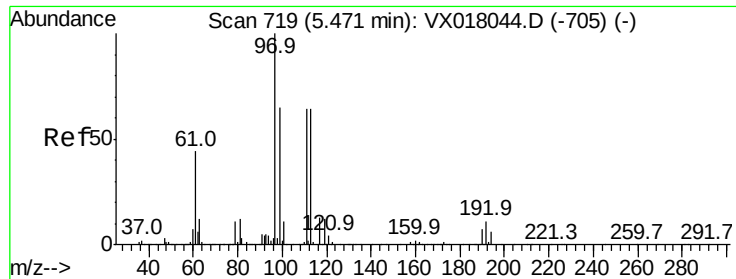
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.918 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018233.D

Acq: 03 Sep 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

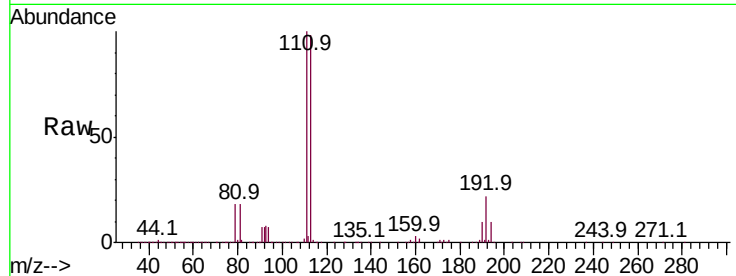
Tot Ion:113 Resp: 266129

Ion Ratio Lower Upper

113 100

111 102.6 81.6 122.4

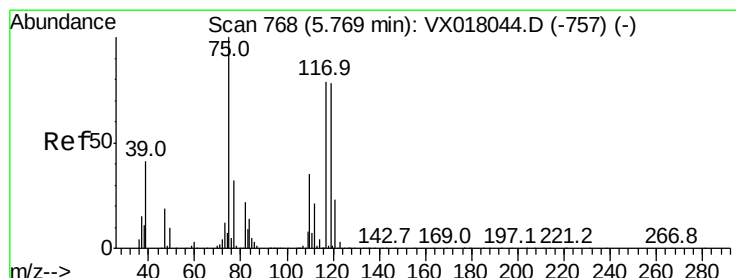
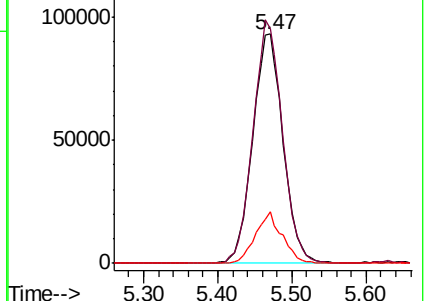
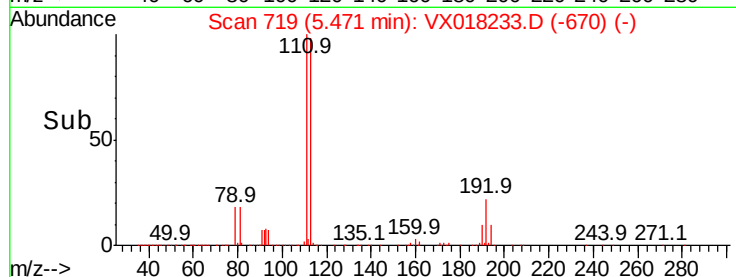
192 20.0 15.8 23.8



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: 5.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX018233.D

Acq: 03 Sep 2020 14:36

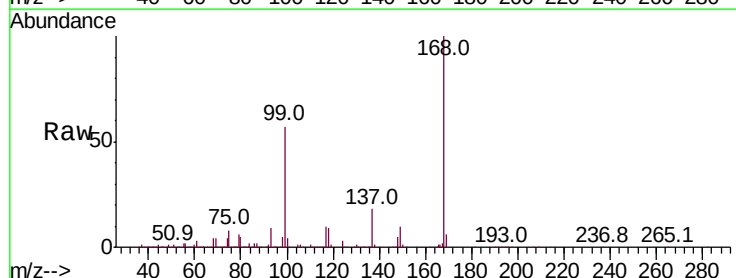
Tgt Ion: 75 Resp: 35392

Ion Ratio Lower Upper

75 100

110 12.6 18.0 54.0#

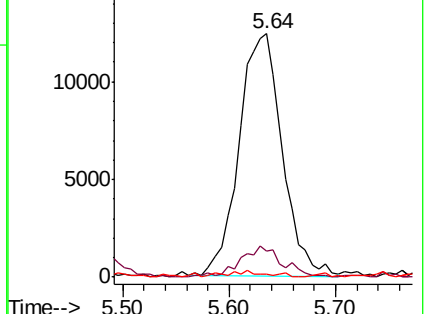
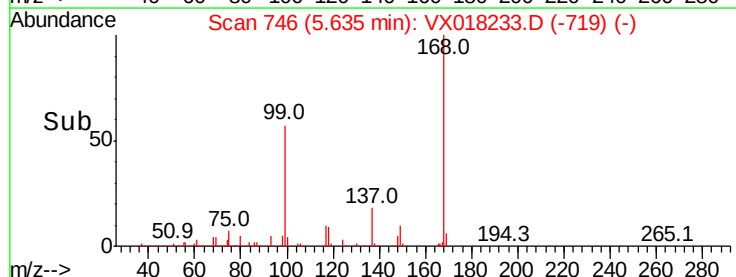
77 1.3 24.4 36.6#

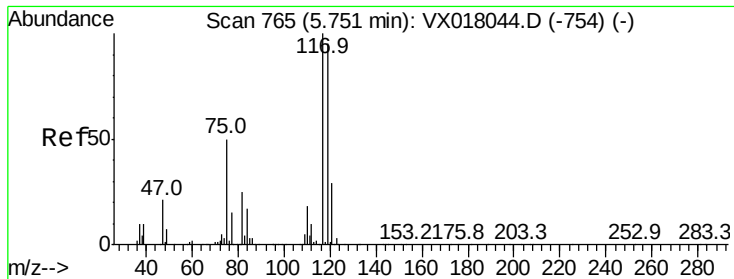


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.174 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX018233.D

Acq: 03 Sep 2020 14:36

Instrument :

MSVOA_X

ClientSampled :

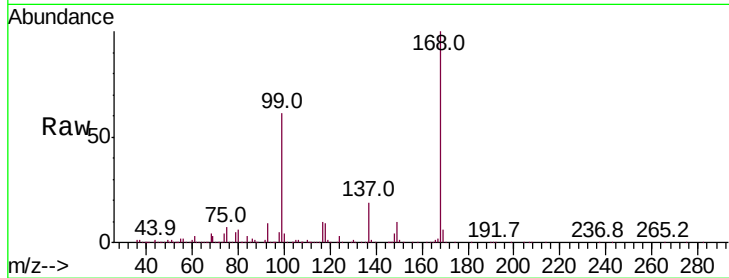
Tot Ion:117 Resp: 49253

Ion Ratio Lower Upper

117 100

119 7.5 75.8 113.6#

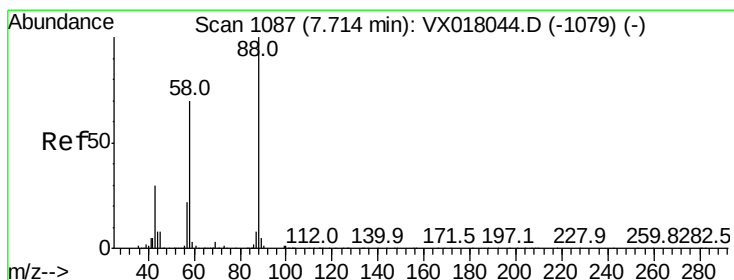
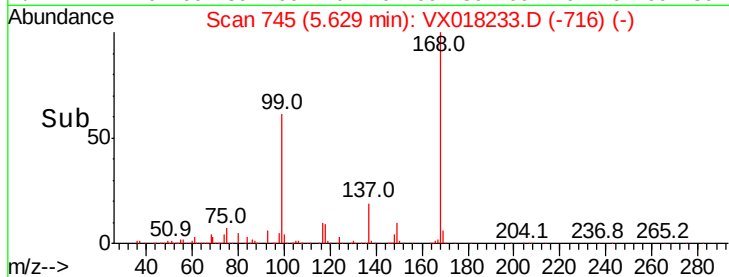
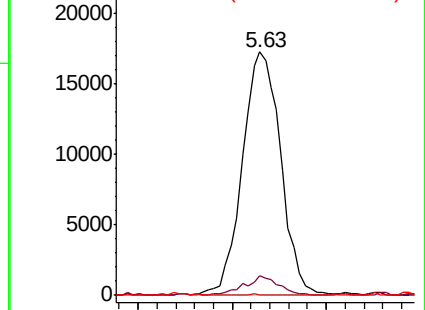
121 0.0 23.4 35.0#



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: 0.793 ug/l

RT: 7.70 min Scan# 1084

Delta R.T. -0.02 min

Lab File: VX018233.D

Acq: 03 Sep 2020 14:36

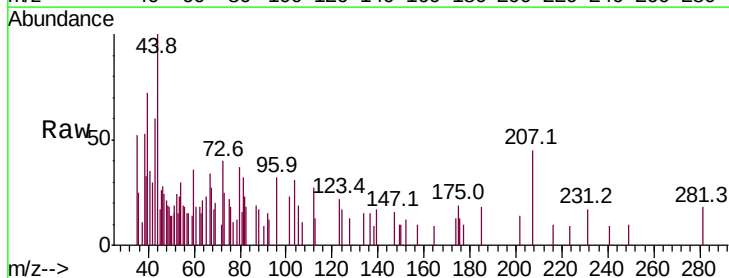
Tgt Ion: 88 Resp: 95

Ion Ratio Lower Upper

88 100

43 270.5 27.4 41.0#

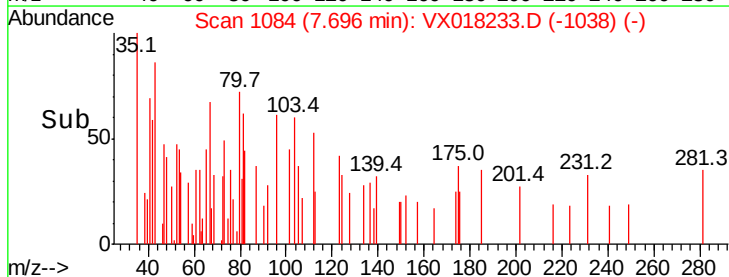
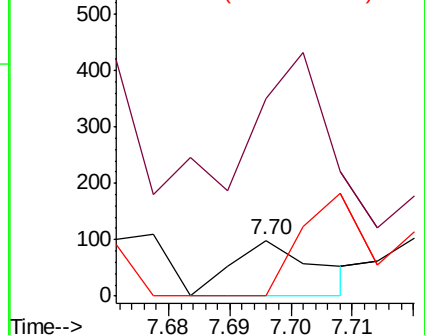
58 140.0 56.4 84.6#

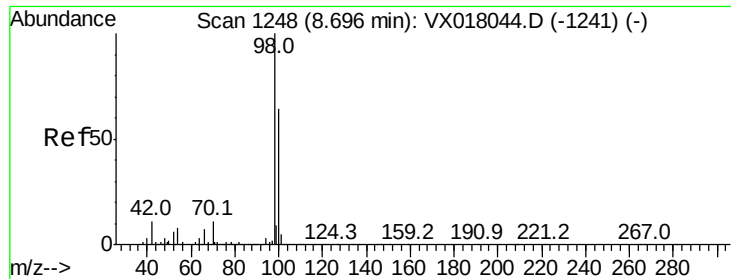


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

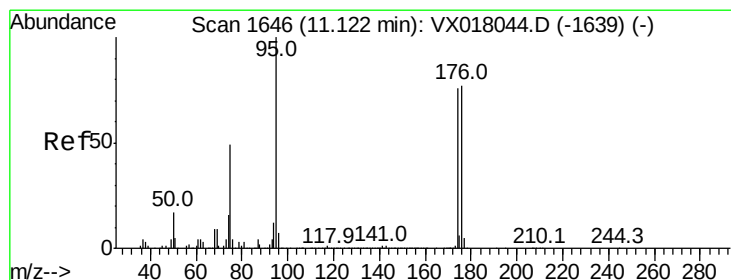
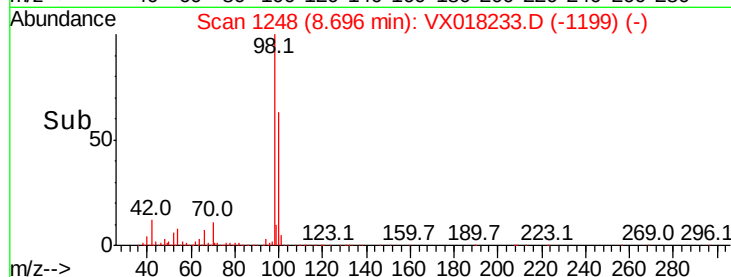
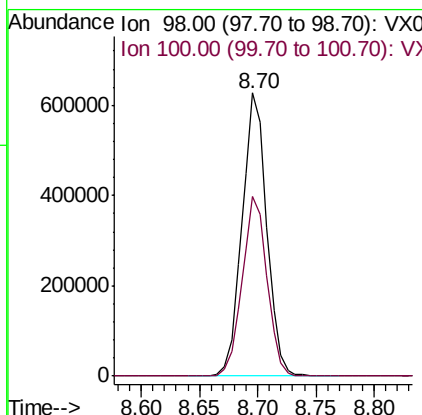
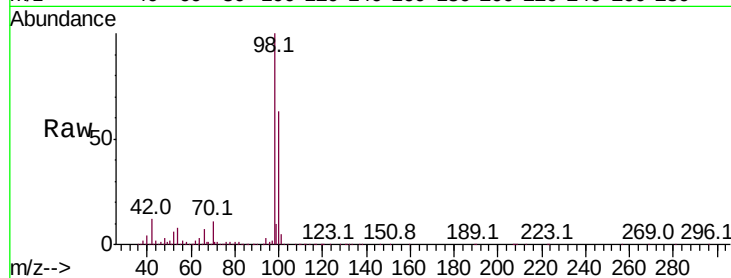




#50
Toluene-d8
Concen: 47.689 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

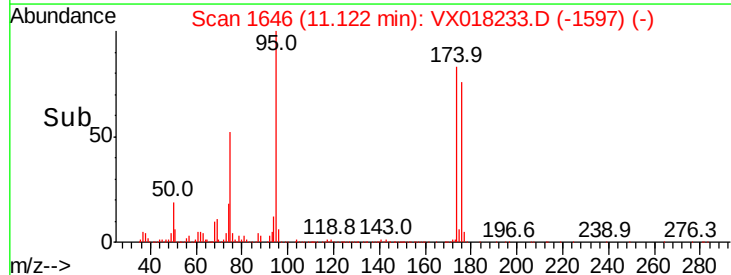
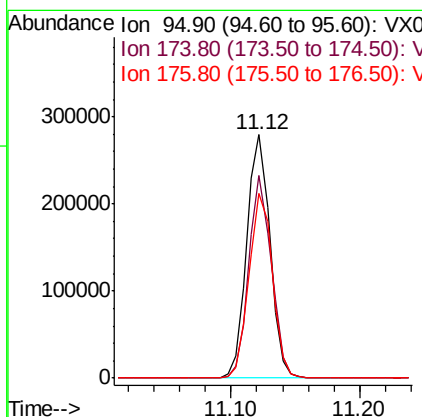
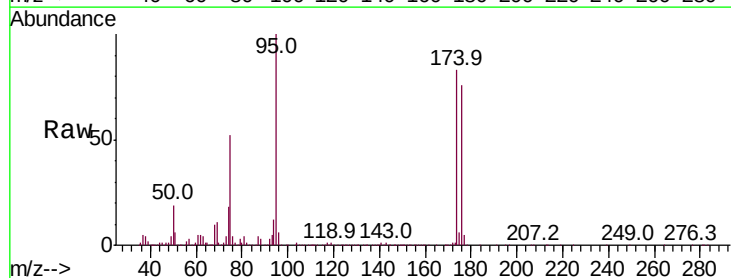
Instrument :
MSVOA_X
ClientSampleId :

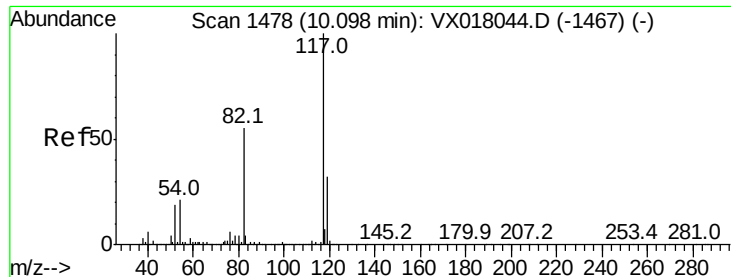
Tot Ion: 98 Resp: 928354
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 44.953 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

Tgt Ion: 95 Resp: 344295
Ion Ratio Lower Upper
95 100
174 81.4 0.0 160.2
176 77.0 0.0 155.8

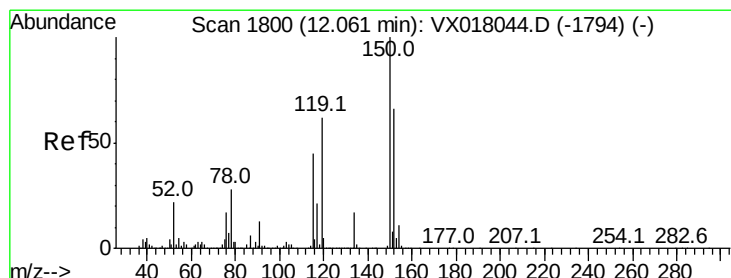
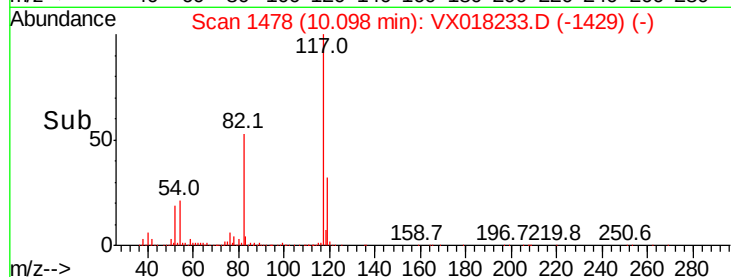
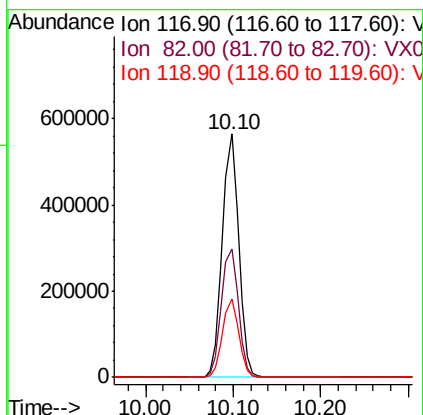
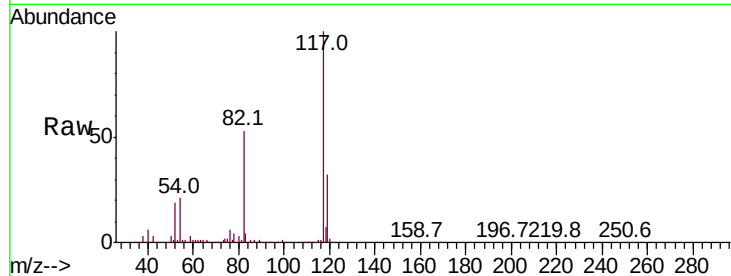




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

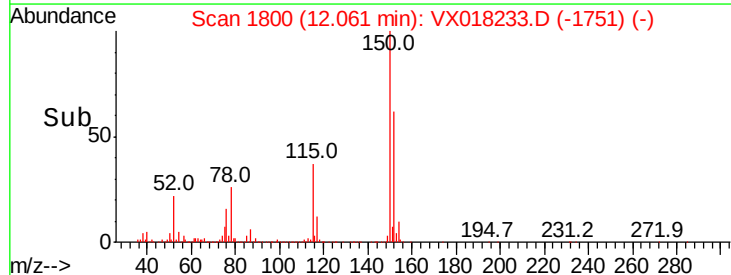
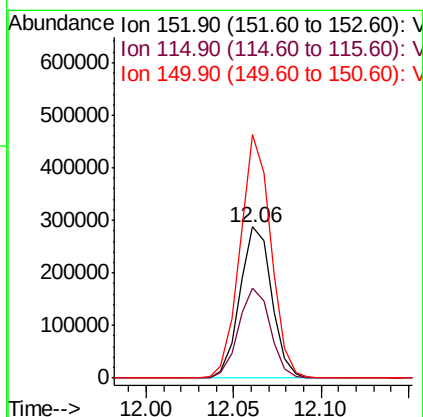
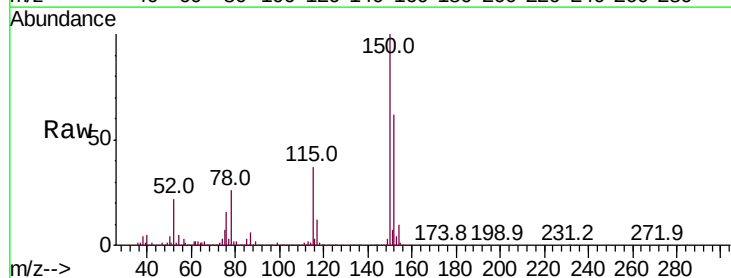
Instrument :
MSVOA_X
ClientSampleId :

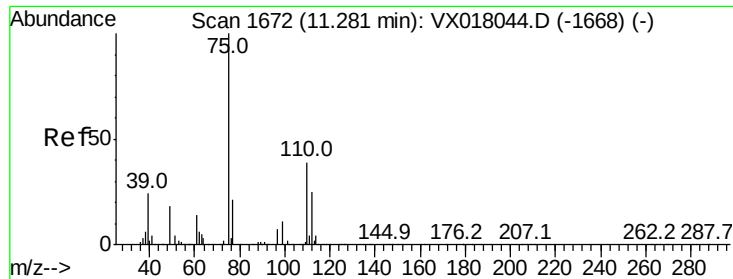
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	44.2	66.2
119	32.1	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018233.D
Acq: 03 Sep 2020 14:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	41.5	124.5
150	156.4	0.0	343.8





#76

1,2,3-Trichloropropane

Concen: 22.344 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018233.D

Acq: 03 Sep 2020 14:36

Instrument :

MSVOA_X

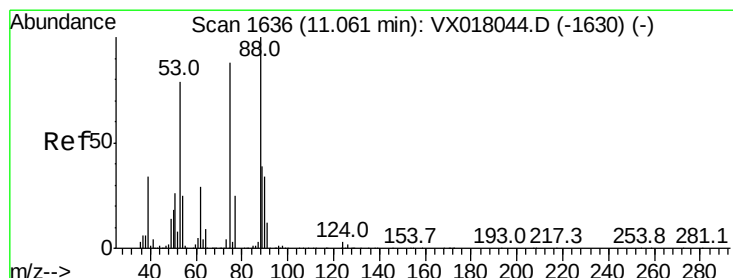
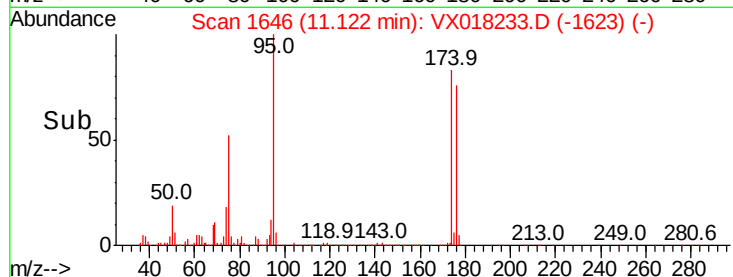
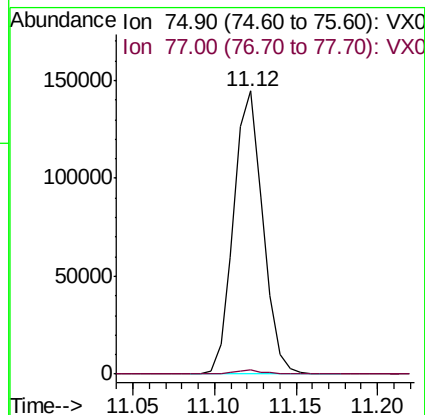
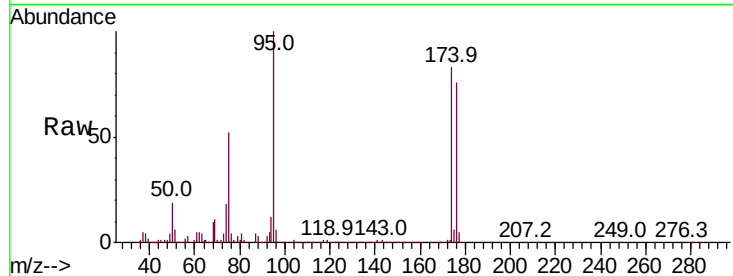
ClientSampleId :

Tot Ion: 75 Resp: 180361

Ion Ratio Lower Upper

75 100

77 1.4 20.8 62.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.346 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX018233.D

Acq: 03 Sep 2020 14:36

Tgt Ion: 75 Resp: 180361

Ion Ratio Lower Upper

75 100

53 0.4 74.7 112.1#

89 0.0 36.6 54.8#

