

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090120\
 Data File : VX018189.D
 Acq On : 01 Sep 2020 14:08
 Operator : JC/SP
 Sample : PB131314ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB131314ZHE#05

Quant Time: Sep 02 02:49:30 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

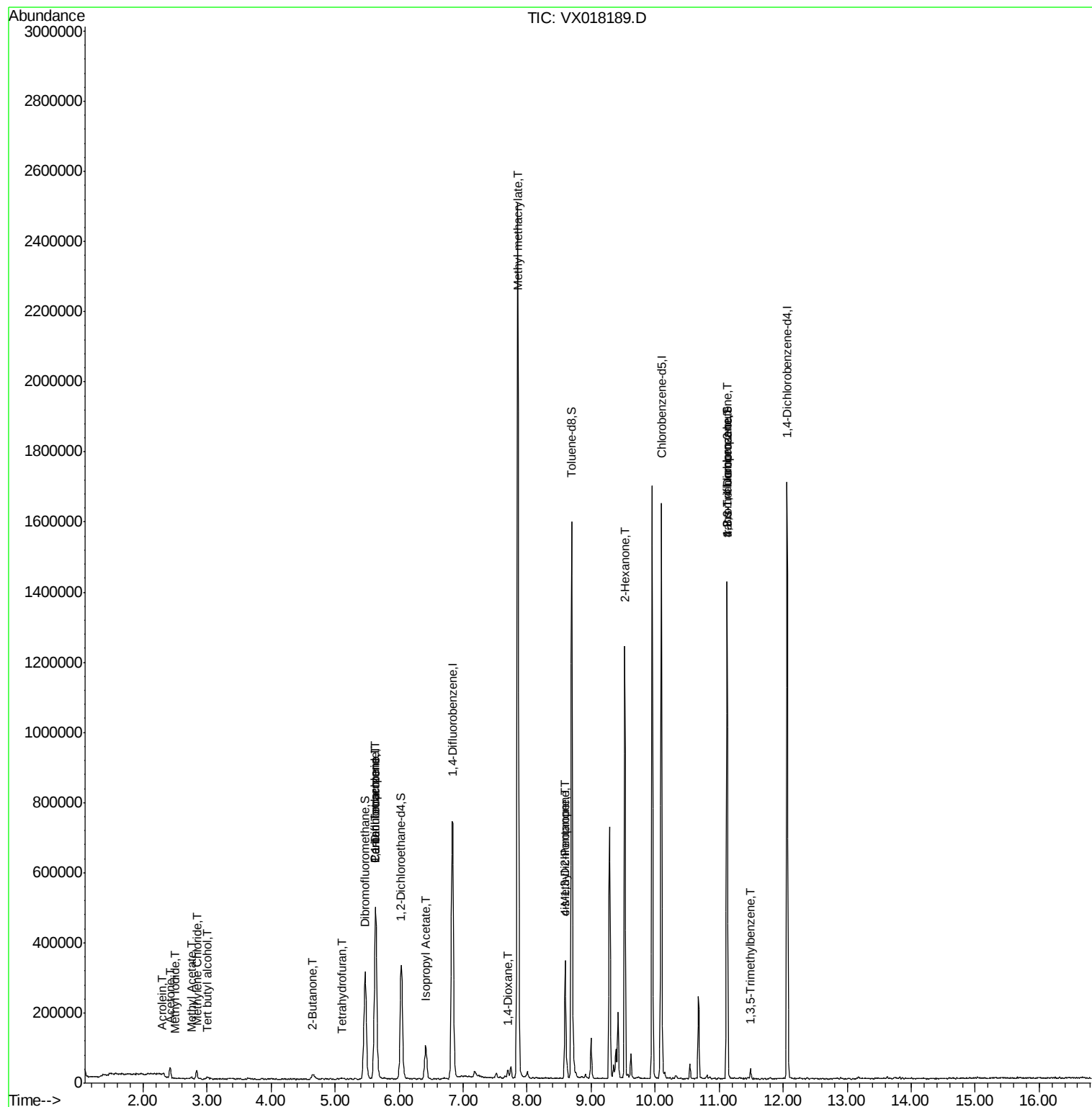
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	457055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	743827	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	724072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	348050	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	327307	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
35) Dibromofluoromethane	5.47	113	260272	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	8.70	98	921554	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.12	95	348414	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.50	142	359	5.356	ug/l #	80
11) Tert butyl alcohol	3.00	59	2843	2.304	ug/l #	81
13) Acrolein	2.29	56	572	1.118	ug/l #	72
16) Acetone	2.42	43	34656	14.017	ug/l	91
18) Methyl Acetate	2.75	43	7946	1.332	ug/l	99
20) Methylene Chloride	2.83	84	11549	1.143	ug/l	94
25) 2-Butanone	4.64	43	10518	2.589	ug/l #	90
29) Tetrahydrofuran	5.10	42	3184	1.231	ug/l #	80
36) 1,1-Dichloropropene	5.64	75	34408	5.015	ug/l #	52
38) Carbon Tetrachloride	5.63	117	47171	6.101	ug/l #	16
43) Isopropyl Acetate	6.42	43	130622	10.149	ug/l	99
48) Methyl methacrylate	7.85	41	211697	33.042	ug/l #	44
49) 1,4-Dioxane	7.71	88	234	2.016	ug/l #	1
51) 4-Methyl-2-Pentanone	8.60	43	127313	16.014	ug/l #	47
54) cis-1,3-Dichloropropene	8.60	75	53167	5.936	ug/l #	62
59) 2-Hexanone	9.52	43	138016	22.831	ug/l #	52
76) 1,2,3-Trichloropropane	11.12	75	177695	22.951	ug/l #	36
80) 1,3,5-Trimethylbenzene	11.49	105	12145	0.644	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.12	75	177695	61.986	ug/l #	12

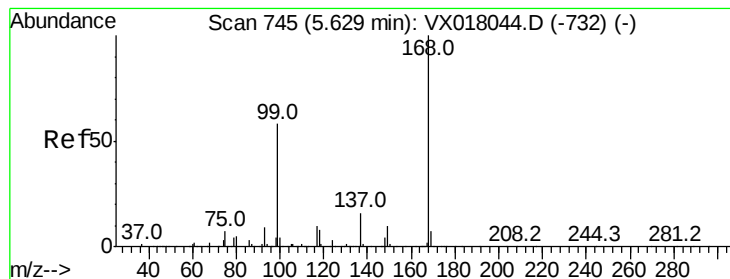
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090120\
Data File : VX018189.D
Acq On : 01 Sep 2020 14:08
Operator : JC/SP
Sample : PB131314ZHE#05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB131314ZHE#05

Quant Time: Sep 02 02:49:30 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: VX018189.D

Acq: 01 Sep 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

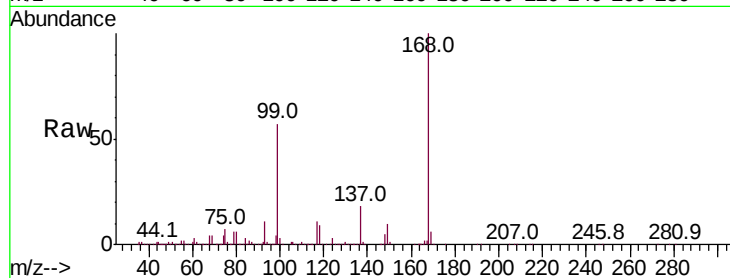
PB131314ZHE#05

Tot Ion:168 Resp: 457055

Ion Ratio Lower Upper

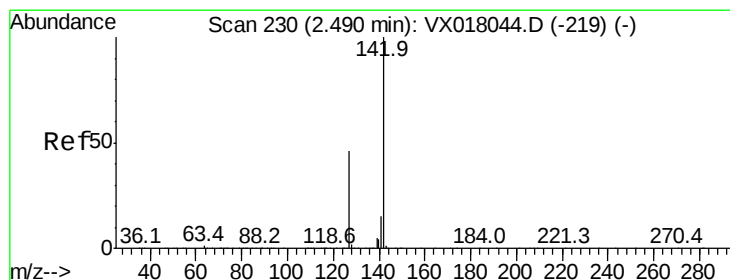
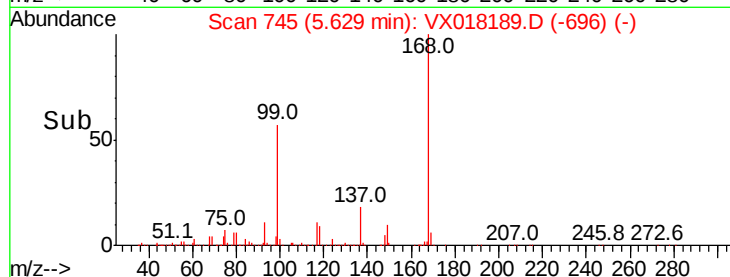
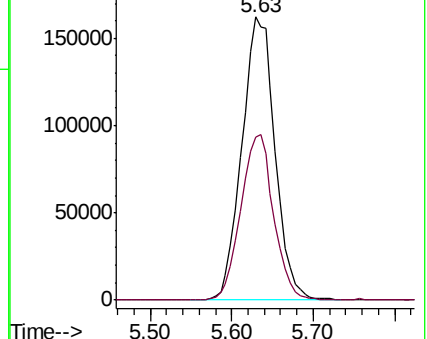
168 100

99 57.4 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 5.356 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX018189.D

Acq: 01 Sep 2020 14:08

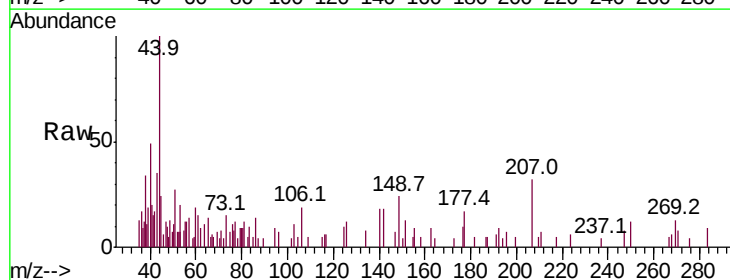
Tgt Ion:142 Resp: 359

Ion Ratio Lower Upper

142 100

127 60.2 37.0 55.6#

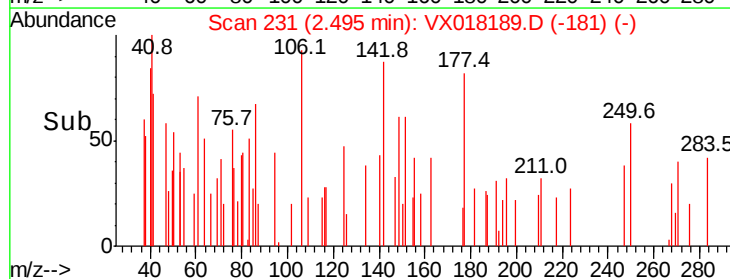
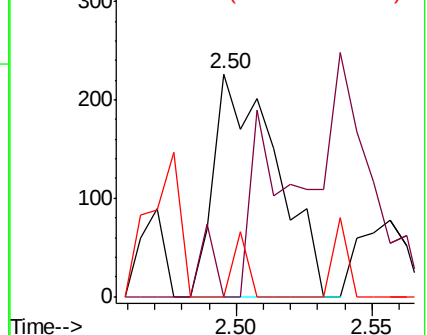
141 6.7 11.5 17.3#

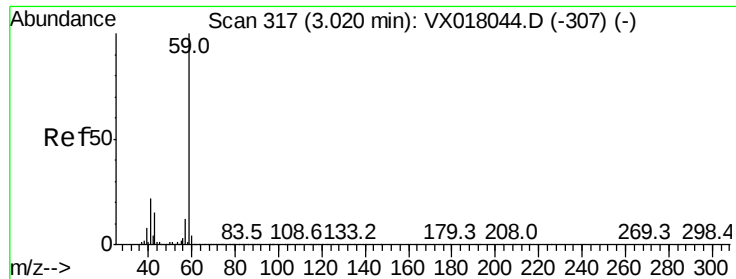


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



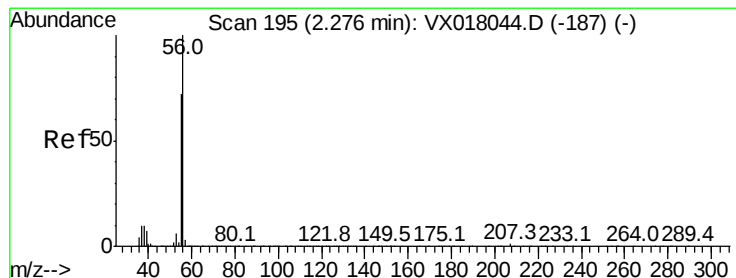
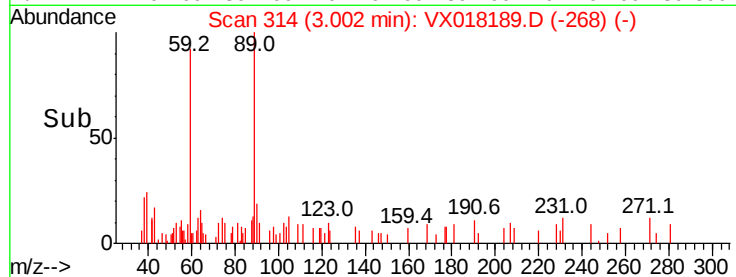
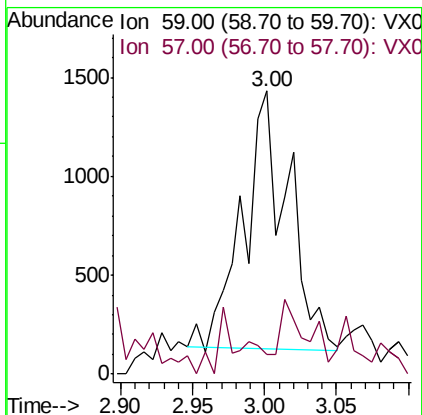
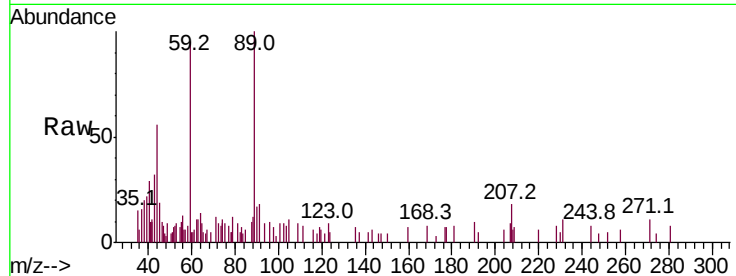


#11

Tert butyl alcohol
 Concen: 2.304 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.02 min
 Lab File: VX018189.D
 Acq: 01 Sep 2020 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 PB131314ZHE#05

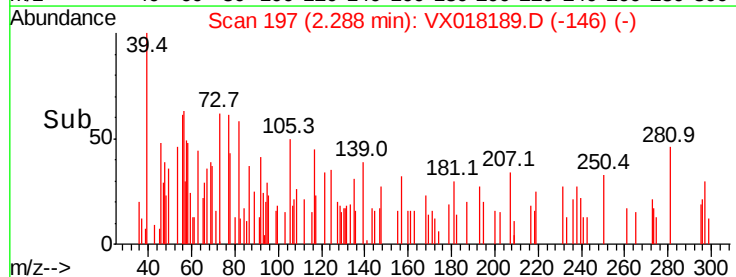
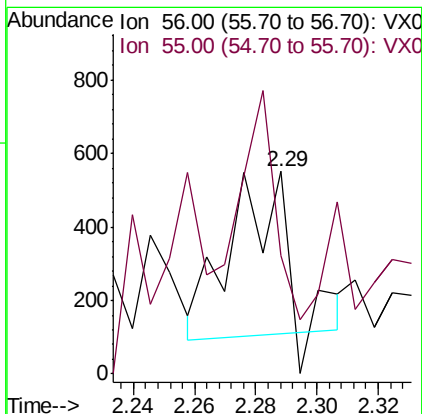
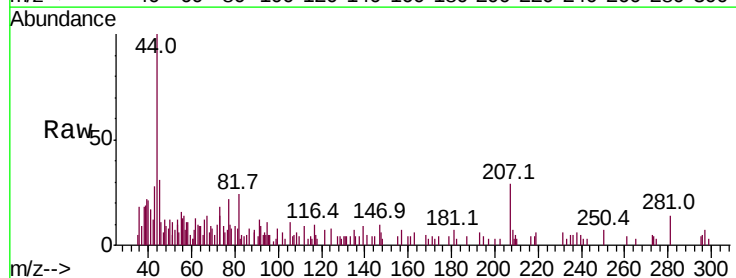
Tot Ion: 59 Resp: 2843
 Ion Ratio Lower Upper
 59 100
 57 18.4 8.9 13.3#

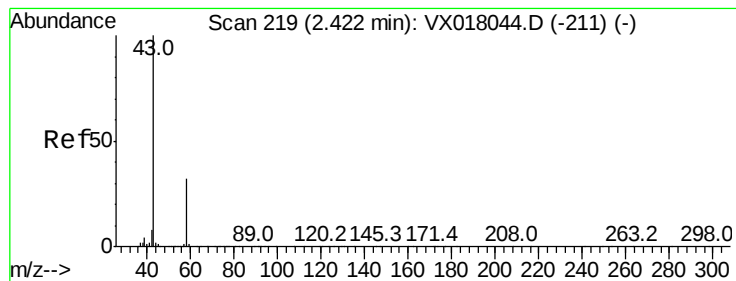


#13

Acrolein
 Concen: 1.118 ug/l
 RT: 2.29 min Scan# 197
 Delta R.T. 0.01 min
 Lab File: VX018189.D
 Acq: 01 Sep 2020 14:08

Tgt Ion: 56 Resp: 572
 Ion Ratio Lower Upper
 56 100
 55 94.8 57.0 85.6#





#16

Acetone

Concen: 14.017 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018189.D

Acq: 01 Sep 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

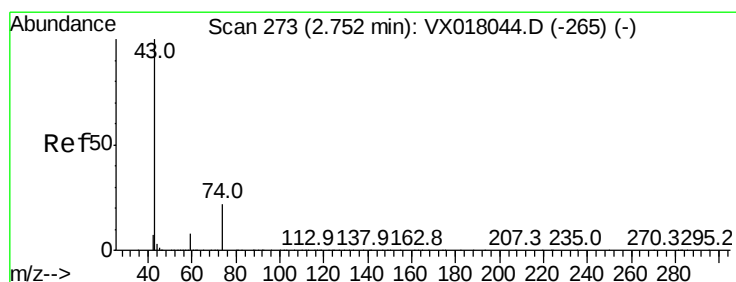
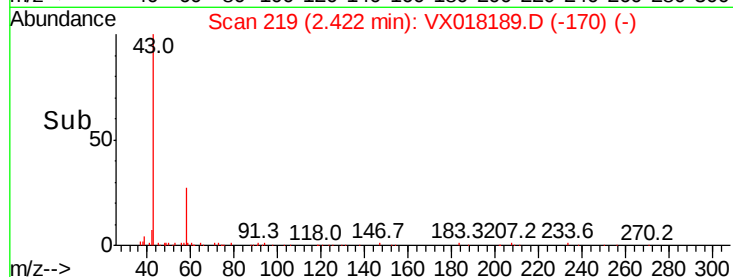
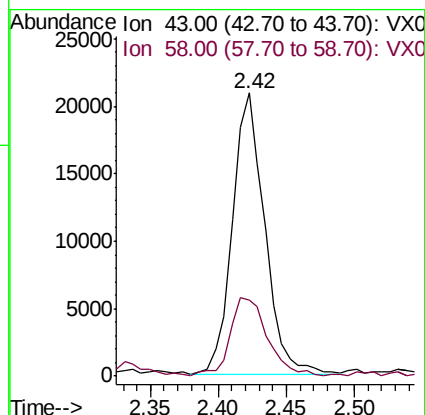
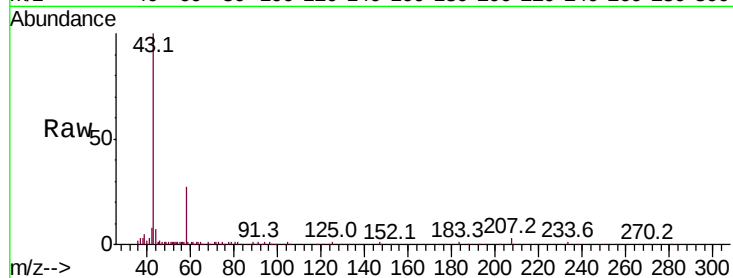
PB131314ZHE#05

Tot Ion: 43 Resp: 34656

Ion Ratio Lower Upper

43 100

58 27.0 25.5 38.3



#18

Methyl Acetate

Concen: 1.332 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018189.D

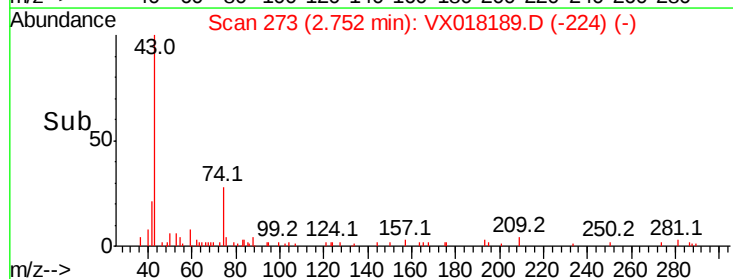
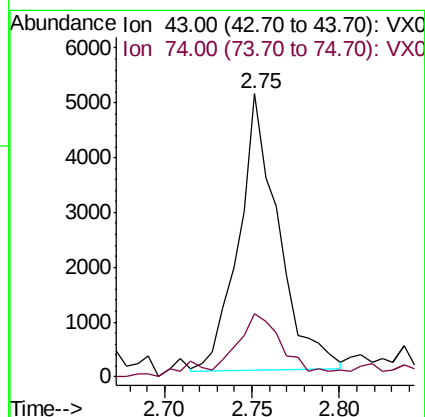
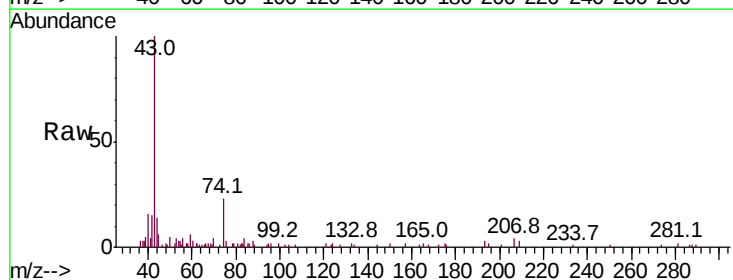
Acq: 01 Sep 2020 14:08

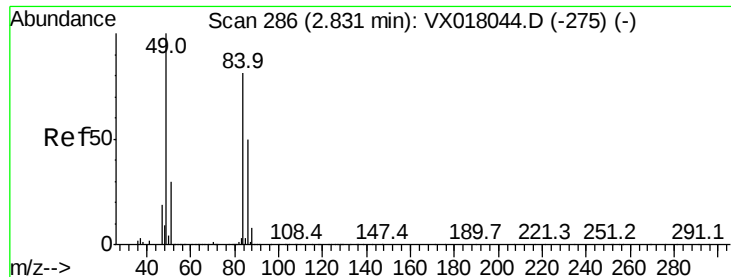
Tgt Ion: 43 Resp: 7946

Ion Ratio Lower Upper

43 100

74 22.5 18.2 27.4

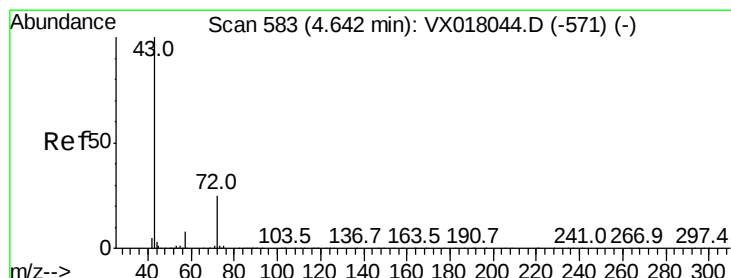
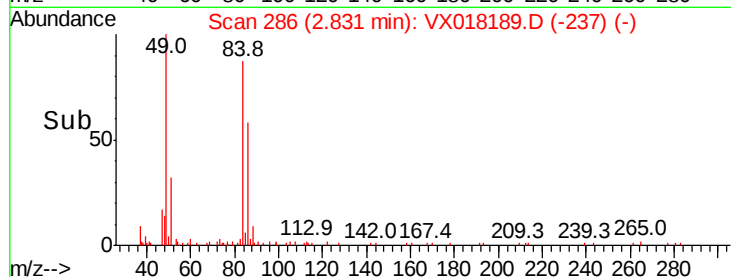
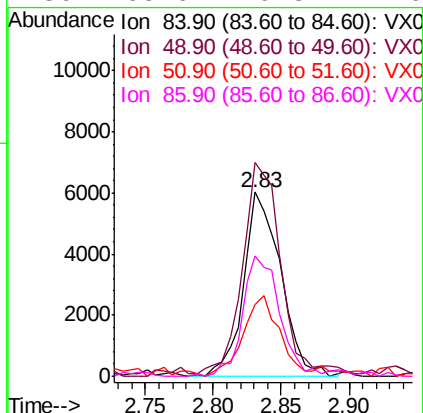
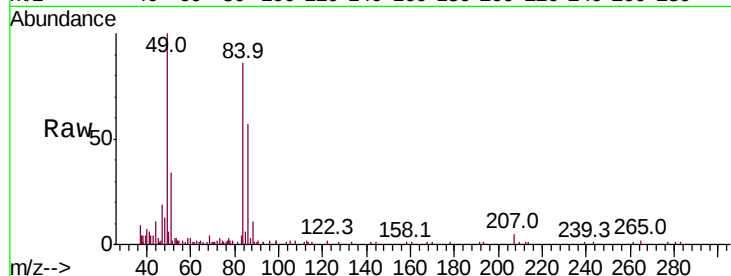




#20
Methvlene Chloride
Concen: 1.143 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018189.D
Acq: 01 Sep 2020 14:08

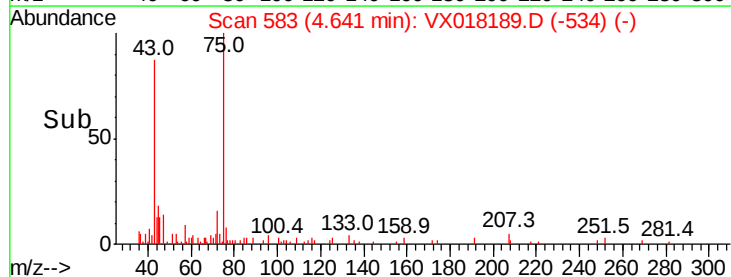
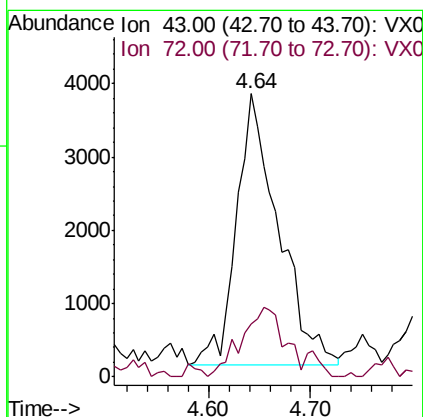
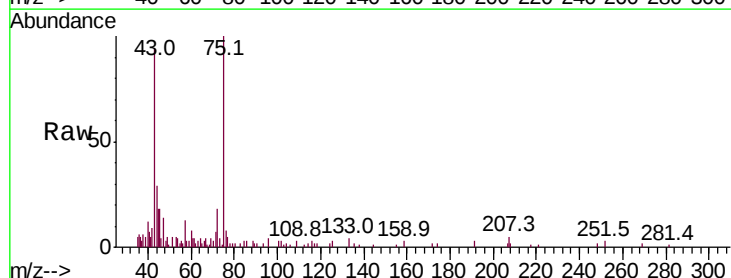
Instrument :
MSVOA_X
ClientSampleId :
PB131314ZHE#05

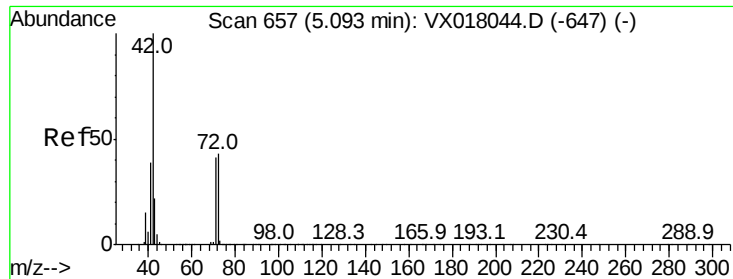
Tot Ion:	84	Resp:	11549
Ion	Ratio	Lower	Upper
84	100		
49	114.3	98.6	148.0
51	36.2	29.6	44.4
86	65.6	49.8	74.6



#25
2-Butanone
Concen: 2.589 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX018189.D
Acq: 01 Sep 2020 14:08

Tgt Ion:	43	Resp:	10518
Ion	Ratio	Lower	Upper
43	100		
72	19.7	19.8	29.6#

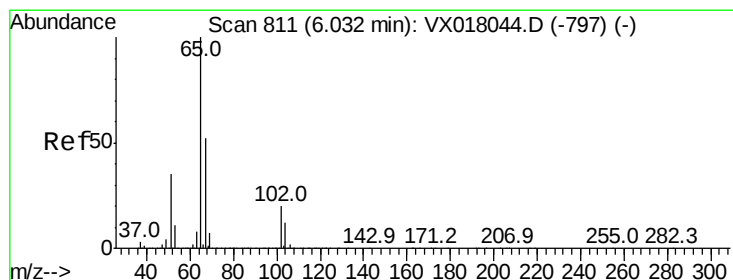
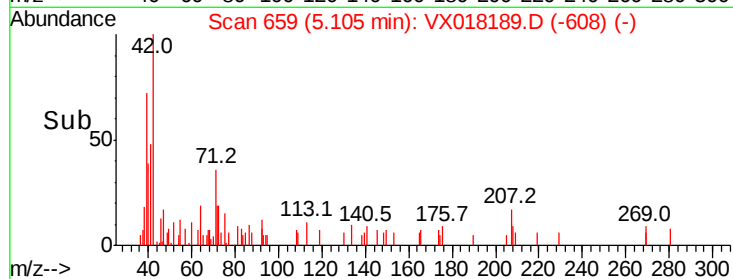
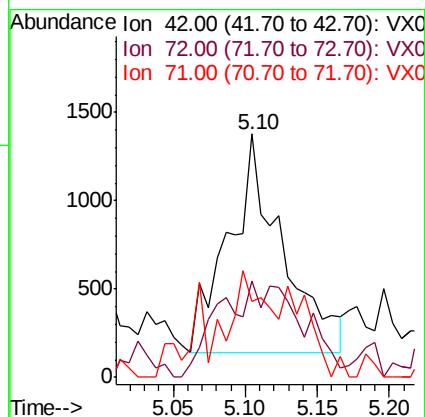
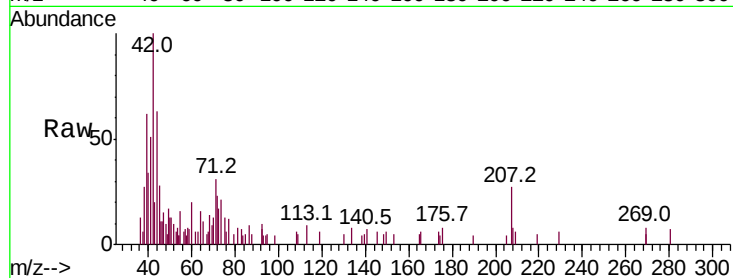




#29
Tetrahydrofuran
Concen: 1.231 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX018189.D
Acq: 01 Sep 2020 14:08

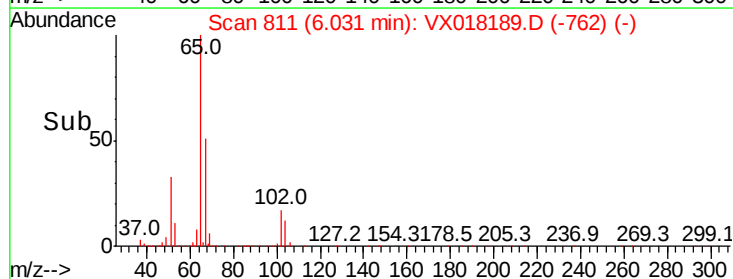
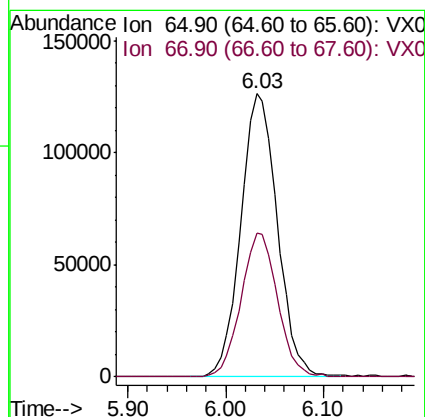
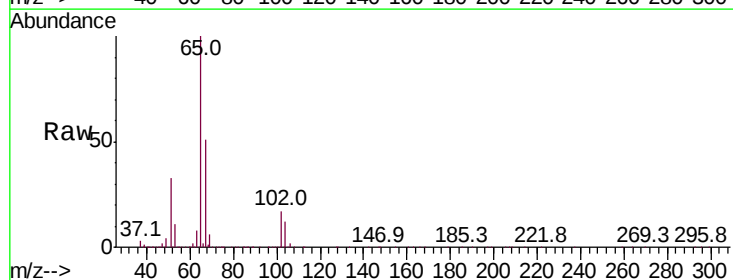
Instrument :
MSVOA_X
ClientSampleId :
PB131314ZHE#05

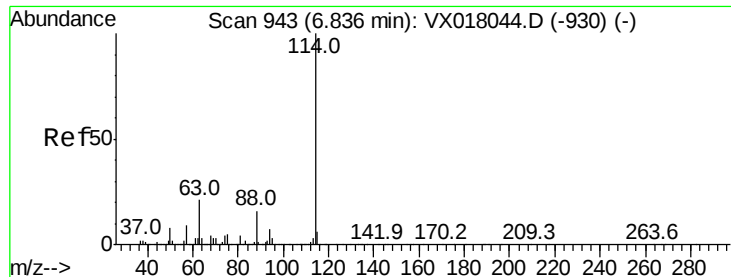
Tot Ion: 42 Resp: 3184
Ion Ratio Lower Upper
42 100
72 42.9 34.2 51.4
71 15.1 32.1 48.1#



#33
1,2-Dichloroethane-d4
Concen: 51.584 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX018189.D
Acq: 01 Sep 2020 14:08

Tgt Ion: 65 Resp: 327307
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018189.D

Acq: 01 Sep 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

PB131314ZHE#05

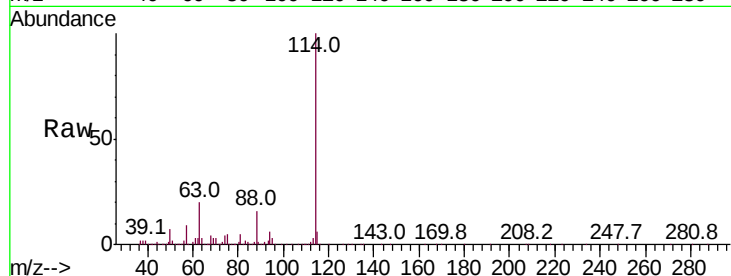
Tot Ion:114 Resp: 743827

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.6

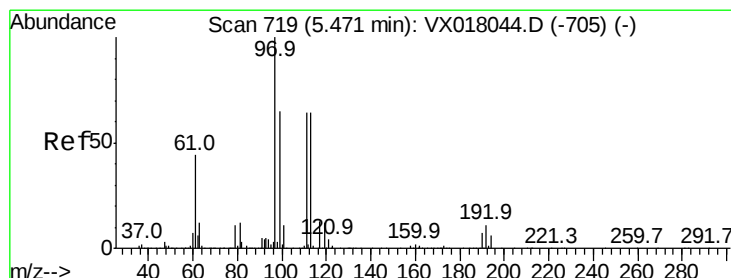
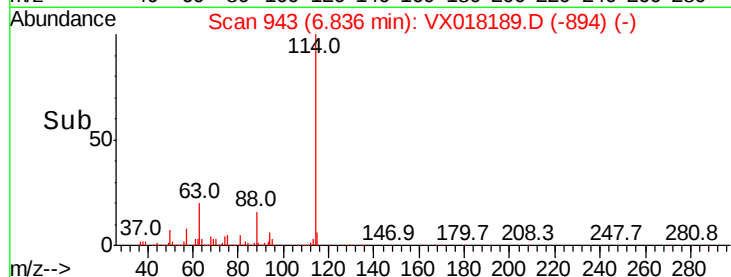
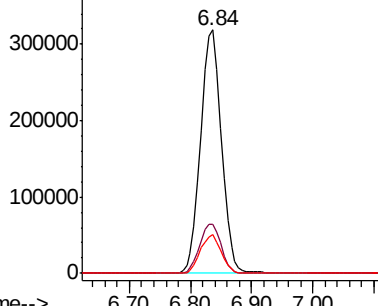
88 15.9 0.0 31.8



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



#35

Dibromofluoromethane

Concen: 51.378 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018189.D

Acq: 01 Sep 2020 14:08

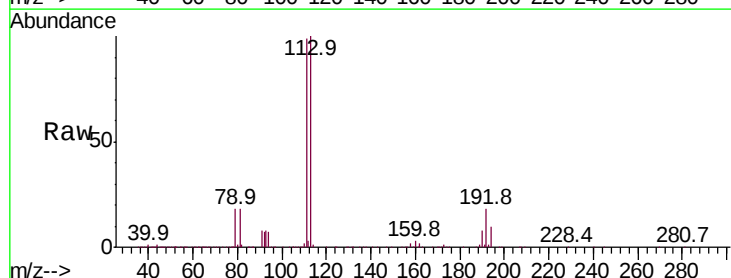
Tgt Ion:113 Resp: 260272

Ion Ratio Lower Upper

113 100

111 100.4 81.6 122.4

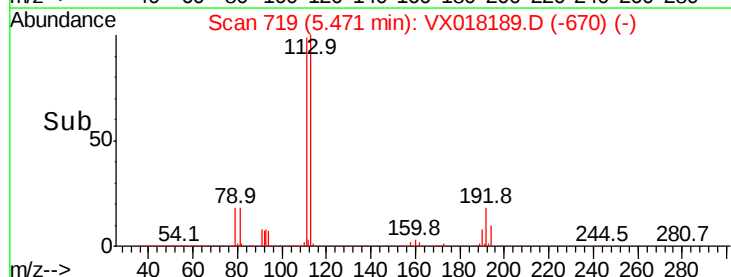
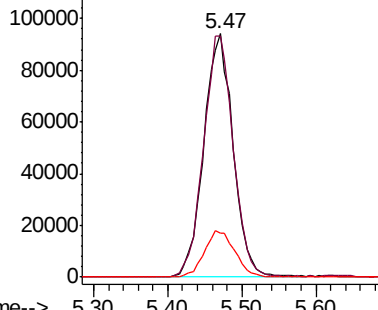
192 20.0 15.8 23.8

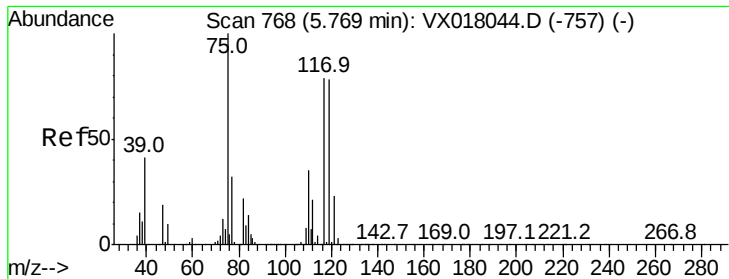


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.015 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX018189.D

Acq: 01 Sep 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

PB131314ZHE#05

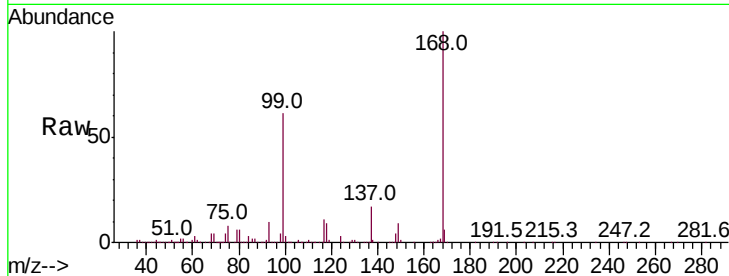
Tot Ion: 75 Resp: 34408

Ion Ratio Lower Upper

75 100

110 11.0 18.0 54.0#

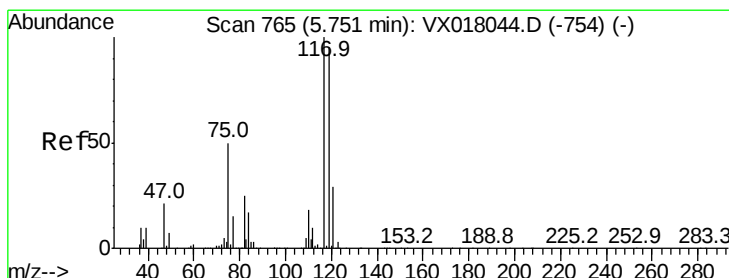
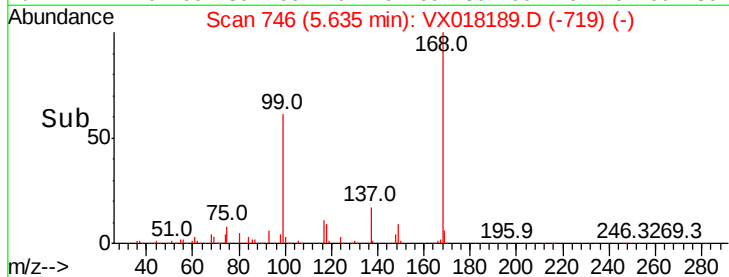
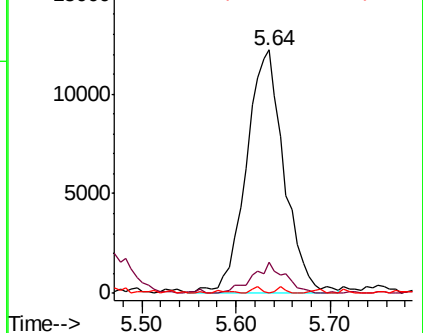
77 0.6 24.4 36.6#



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: 6.101 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX018189.D

Acq: 01 Sep 2020 14:08

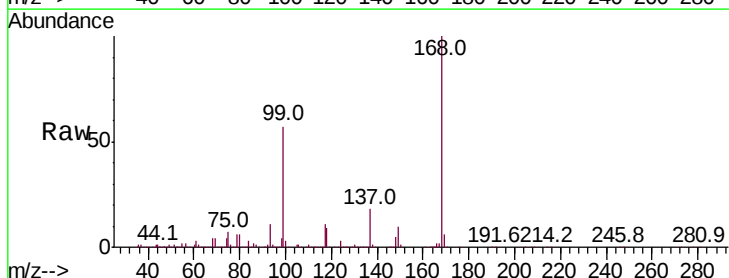
Tgt Ion: 117 Resp: 47171

Ion Ratio Lower Upper

117 100

119 4.3 75.8 113.6#

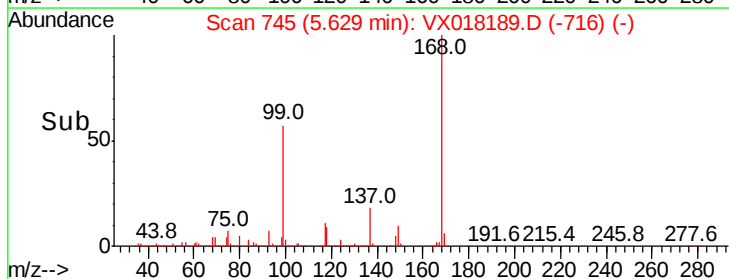
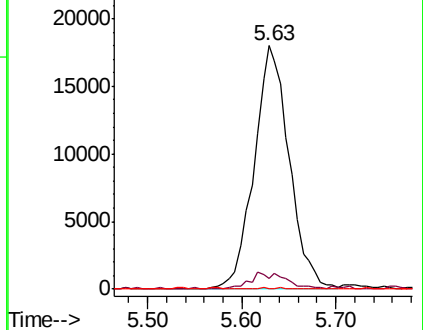
121 0.3 23.4 35.0#

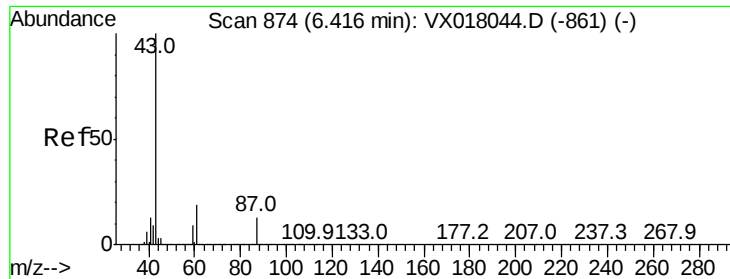


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



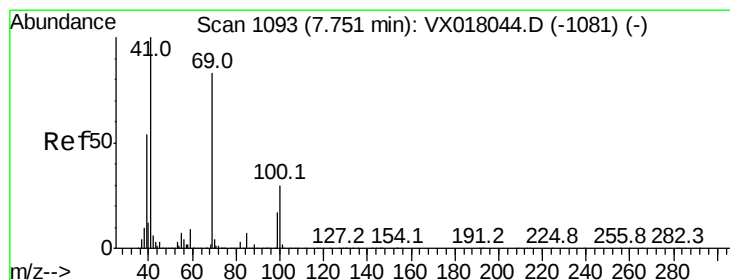
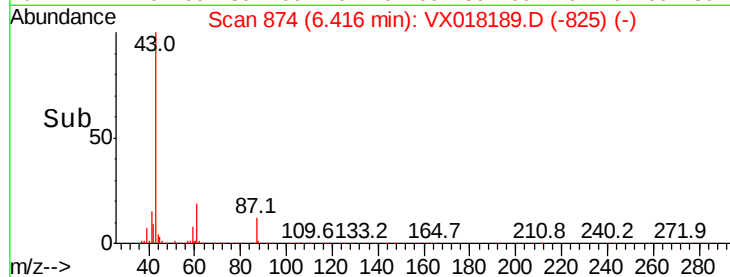
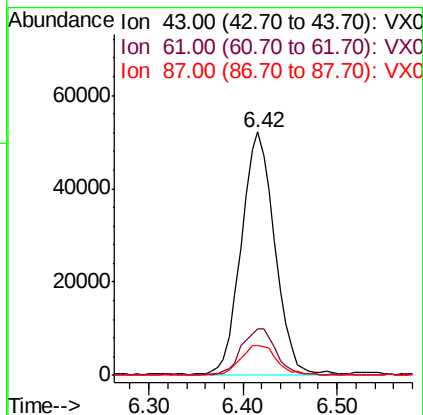
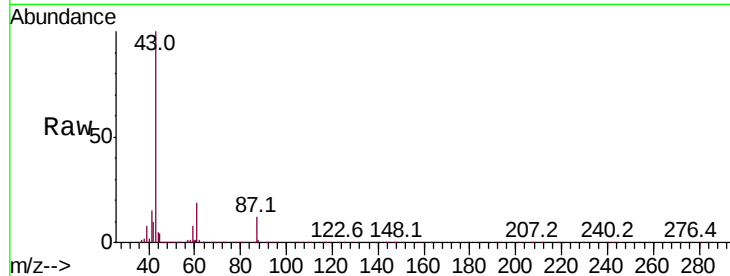


#43

Isopropyl Acetate
 Concen: 10.149 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018189.D
 Acq: 01 Sep 2020 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 PB131314ZHE#05

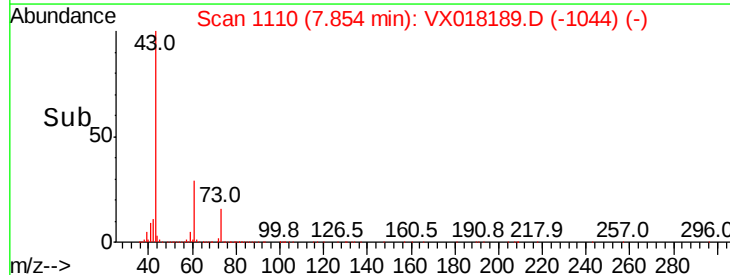
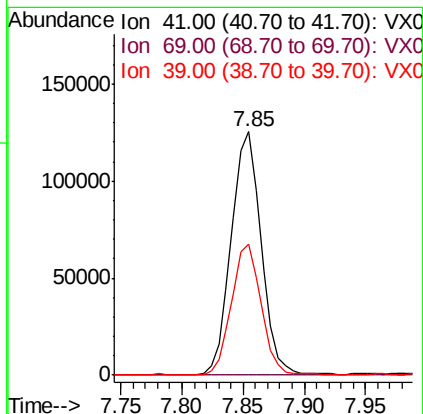
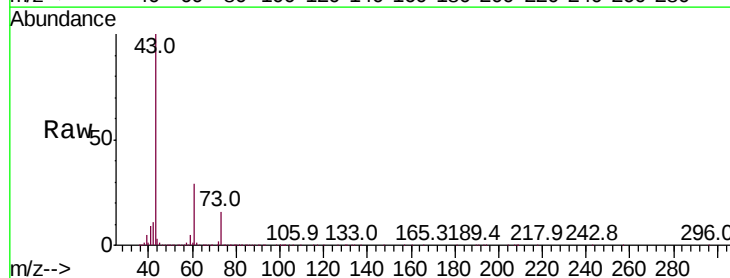
Tot Ion	43	61	87
Resp	130622		
Ratio	100	19.6	13.5
Lower		15.7	10.3
Upper		23.5	15.5

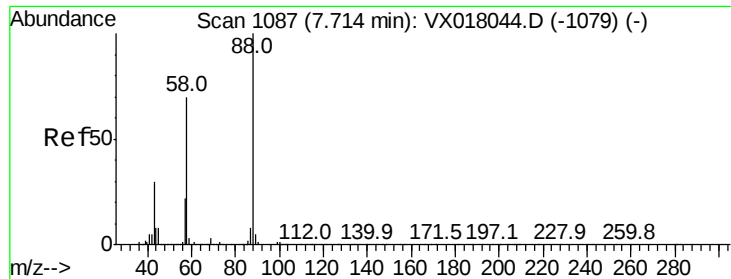


#48

Methyl methacrylate
 Concen: 33.042 ug/l
 RT: 7.85 min Scan# 1110
 Delta R.T. 0.10 min
 Lab File: VX018189.D
 Acq: 01 Sep 2020 14:08

Tgt Ion	41	69	39
Resp	211697		
Ratio	100	0.4	53.1
Lower		65.5	44.5
Upper		98.3#	66.7

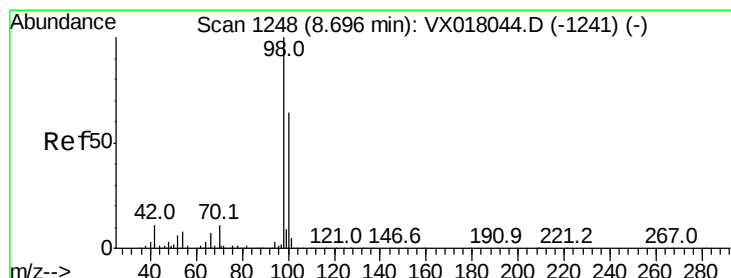
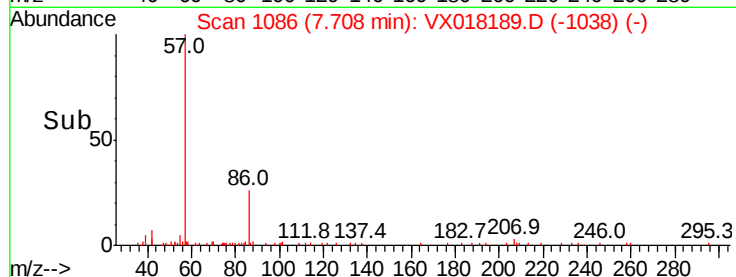
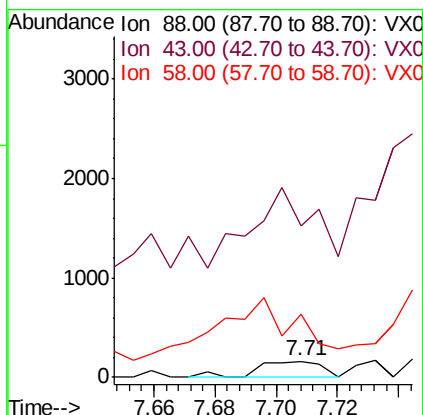
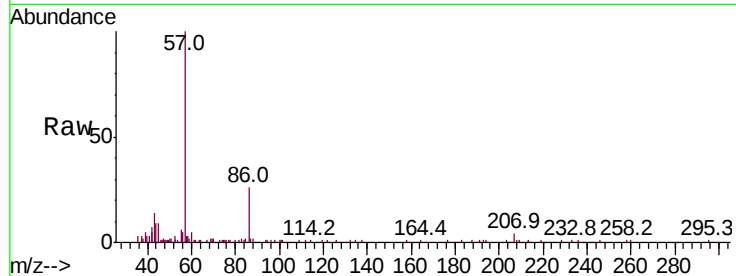




#49
1,4-Dioxane
Concen: 2.016 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX018189.D
Acq: 01 Sep 2020 14:08

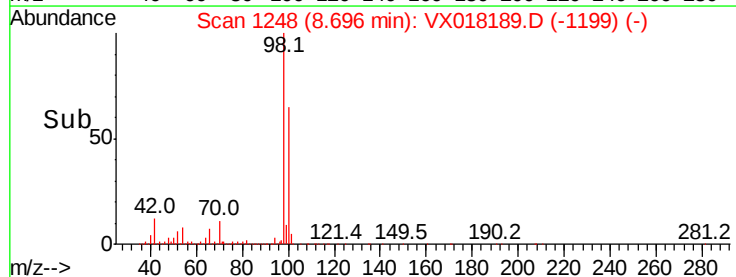
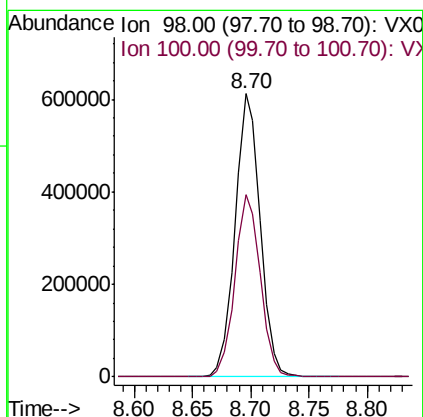
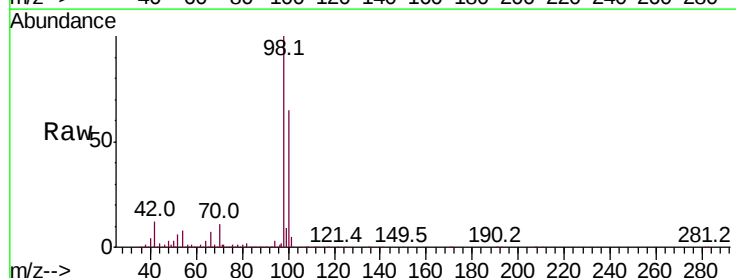
Instrument :
MSVOA_X
ClientSampleId :
PB131314ZHE#05

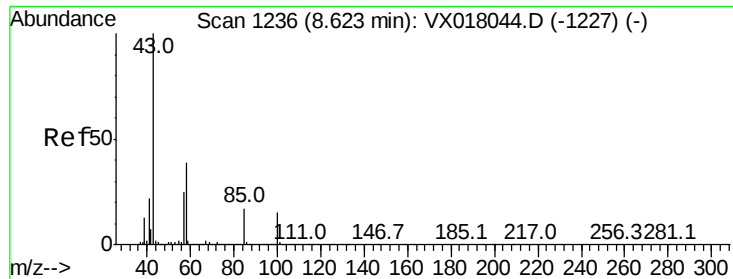
Tot Ion: 88 Resp: 234
Ion Ratio Lower Upper
88 100
43 0.0 27.4 41.0#
58 764.1 56.4 84.6#



#50
Toluene-d8
Concen: 48.842 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018189.D
Acq: 01 Sep 2020 14:08

Tgt Ion: 98 Resp: 921554
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4

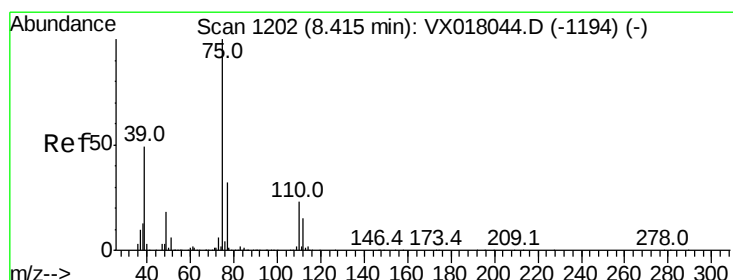
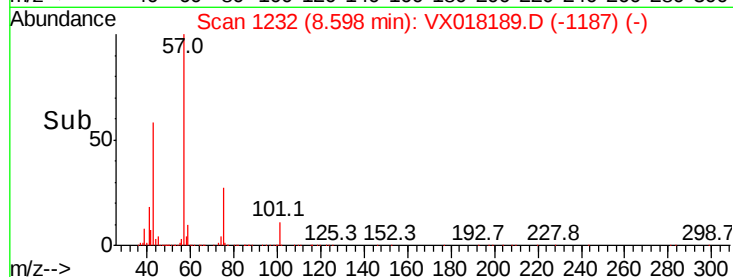
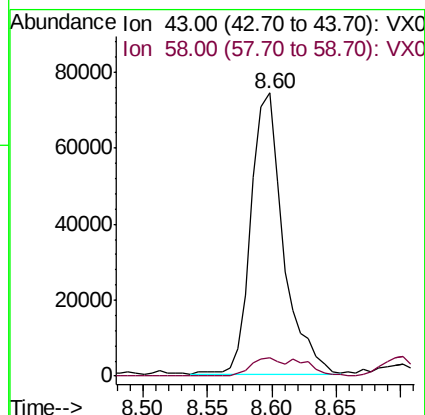
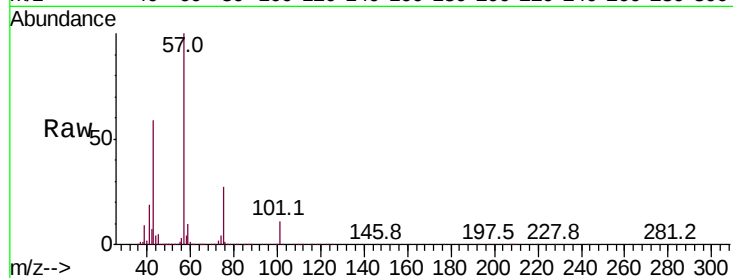




#51
 4-Methyl-2-Pentanone
 Concen: 16.014 ug/l
 RT: 8.60 min Scan# 1232
 Delta R.T. -0.02 min
 Lab File: VX018189.D
 Acq: 01 Sep 2020 14:08

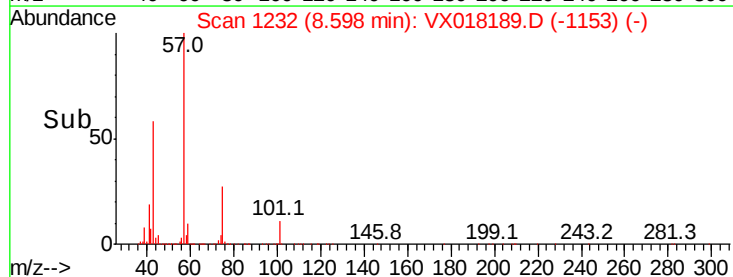
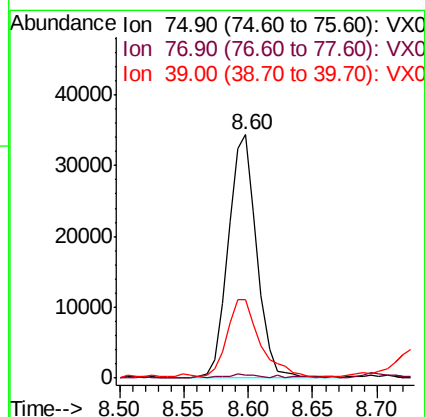
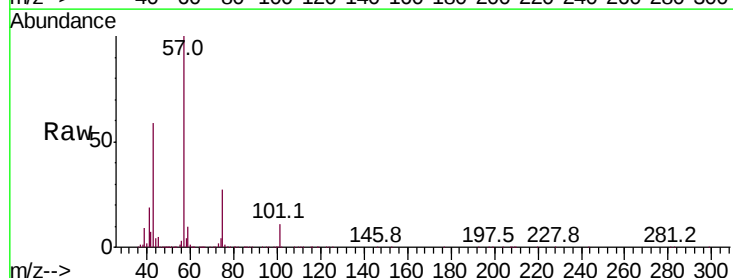
Instrument :
 MSVOA_X
 ClientSampleId :
 PB131314ZHE#05

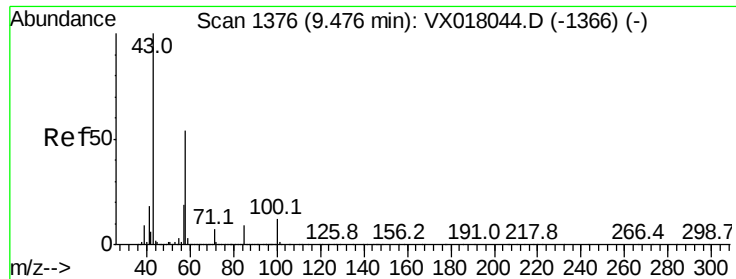
Tot Ion: 43 Resp: 127313
 Ion Ratio Lower Upper
 43 100
 58 6.3 30.7 46.1#



#54
 cis-1,3-Dichloropropene
 Concen: 5.936 ug/l
 RT: 8.60 min Scan# 1232
 Delta R.T. 0.18 min
 Lab File: VX018189.D
 Acq: 01 Sep 2020 14:08

Tgt Ion: 75 Resp: 53167
 Ion Ratio Lower Upper
 75 100
 77 0.8 25.8 38.8#
 39 31.3 38.8 58.2#

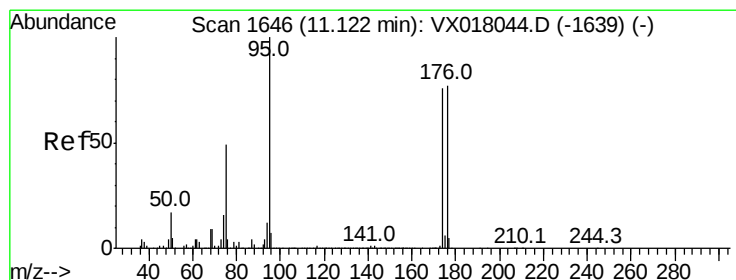
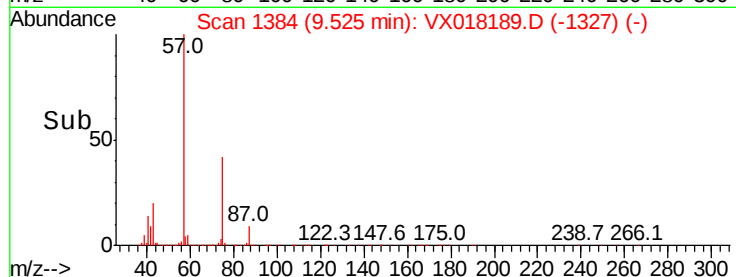
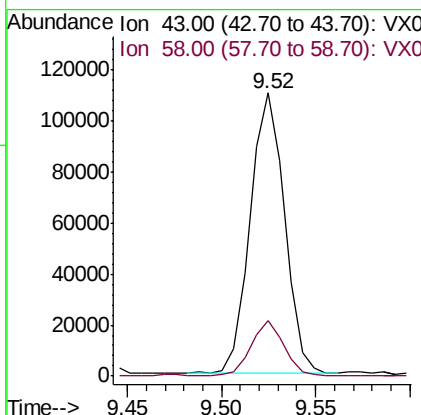
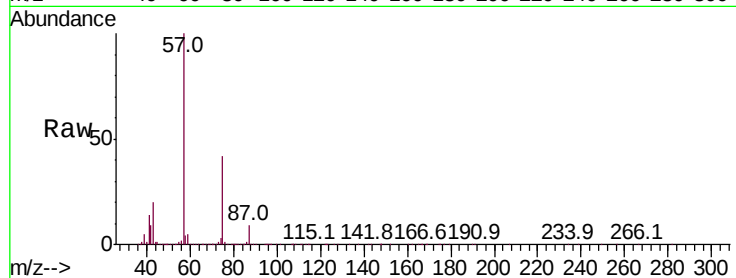




#59
2-Hexanone
Concen: 22.831 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX018189.D
Acq: 01 Sep 2020 14:08

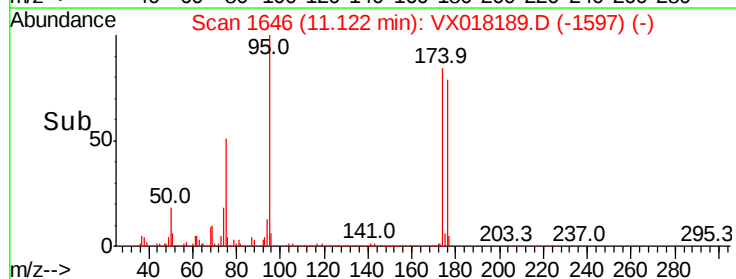
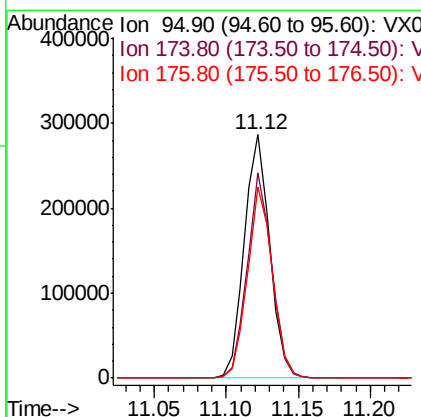
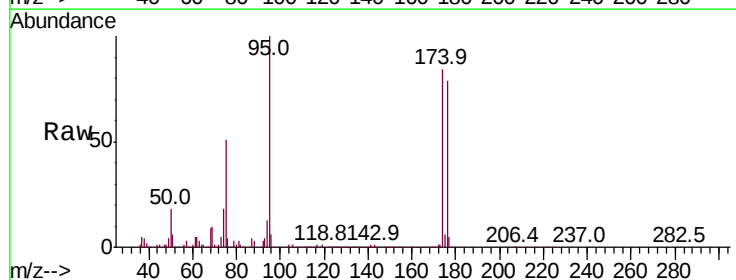
Instrument :
MSVOA_X
ClientSampleId :
PB131314ZHE#05

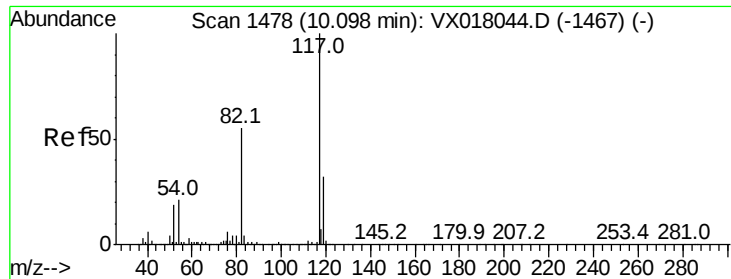
Tot Ion: 43 Resp: 138016
Ion Ratio Lower Upper
43 100
58 18.9 26.6 79.7#



#62
4-Bromofluorobenzene
Concen: 46.935 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018189.D
Acq: 01 Sep 2020 14:08

Tgt Ion: 95 Resp: 348414
Ion Ratio Lower Upper
95 100
174 81.3 0.0 160.2
176 76.9 0.0 155.8

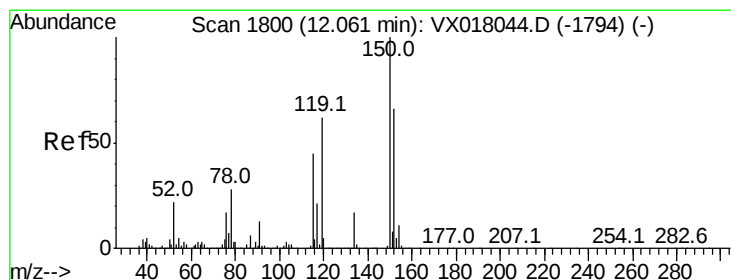
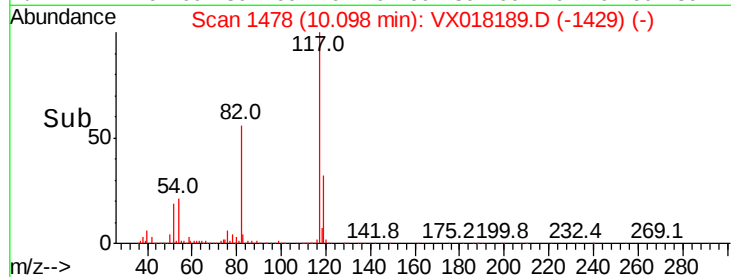
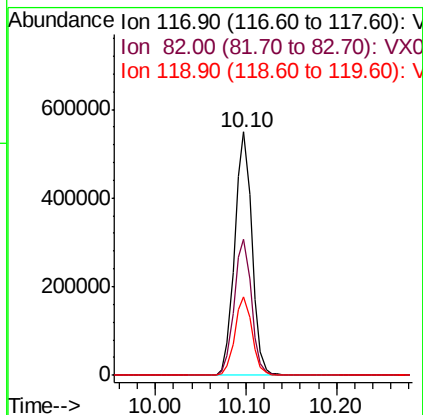
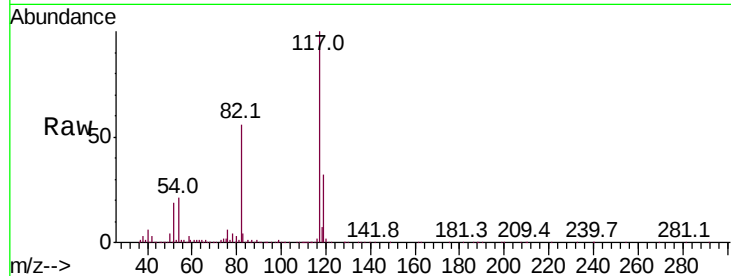




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018189.D
Acq: 01 Sep 2020 14:08

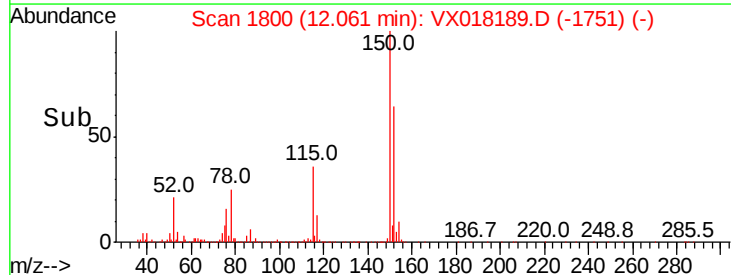
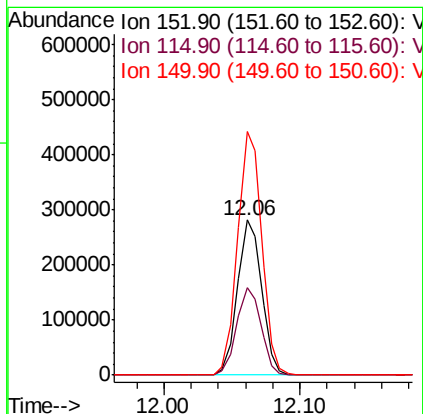
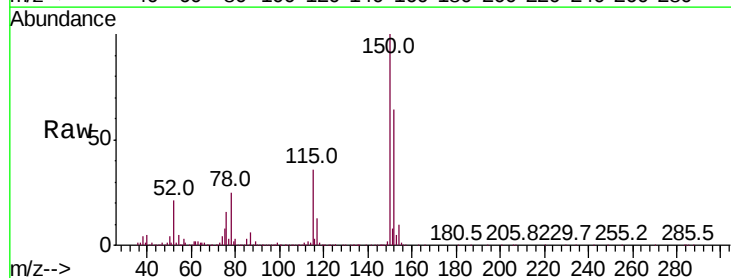
Instrument :
MSVOA_X
ClientSampleId :
PB131314ZHE#05

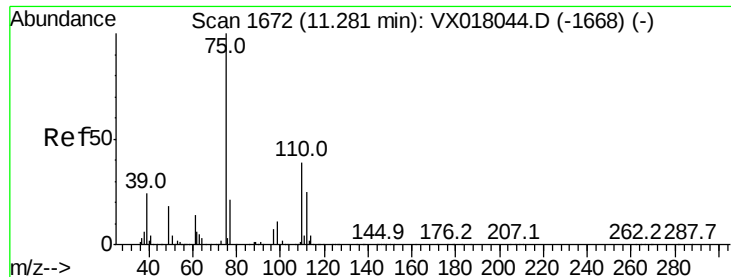
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.2	66.2
119	32.1	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018189.D
Acq: 01 Sep 2020 14:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	41.5	124.5
150	157.0	0.0	343.8





#76

1,2,3-Trichloropropane

Concen: 22.951 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018189.D

Acq: 01 Sep 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

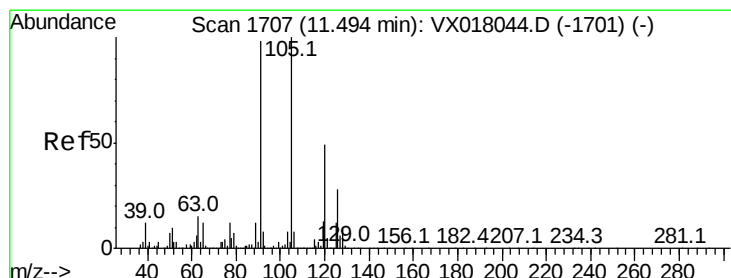
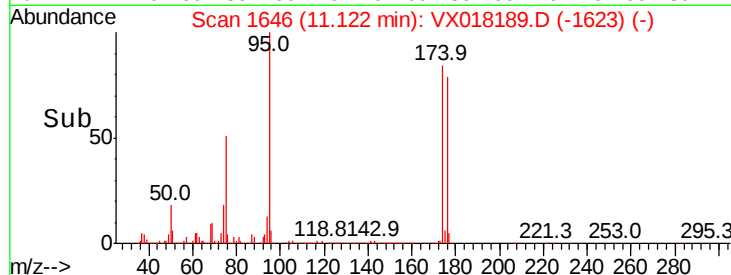
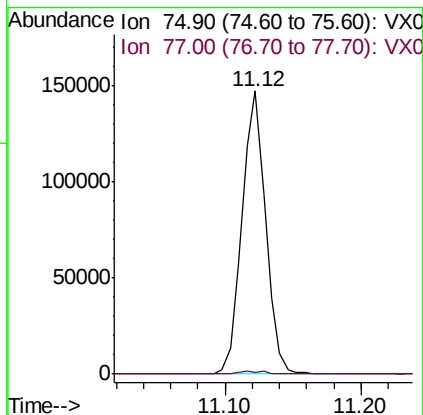
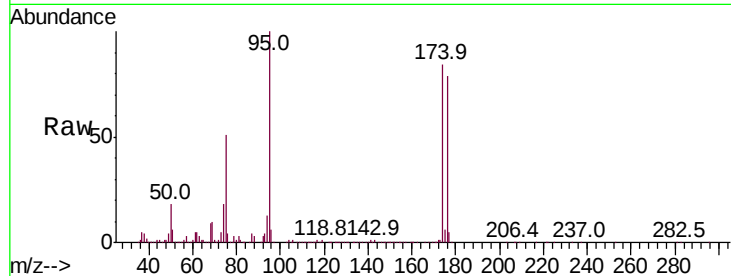
PB131314ZHE#05

Tot Ion: 75 Resp: 177695

Ion Ratio Lower Upper

75 100

77 1.3 20.8 62.2#



#80

1,3,5-Trimethylbenzene

Concen: 0.644 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018189.D

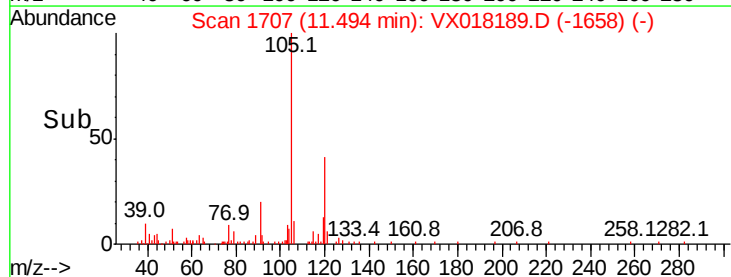
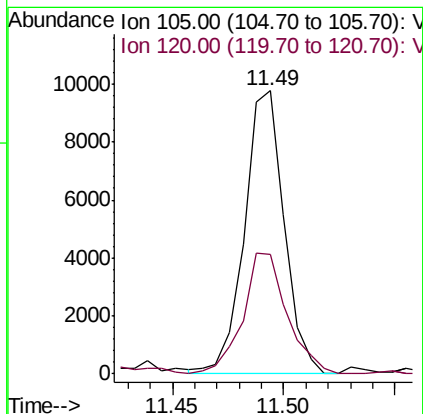
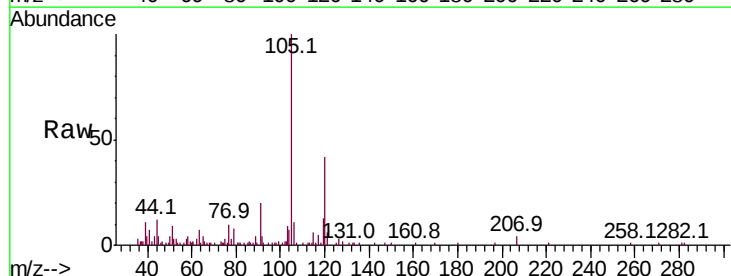
Acq: 01 Sep 2020 14:08

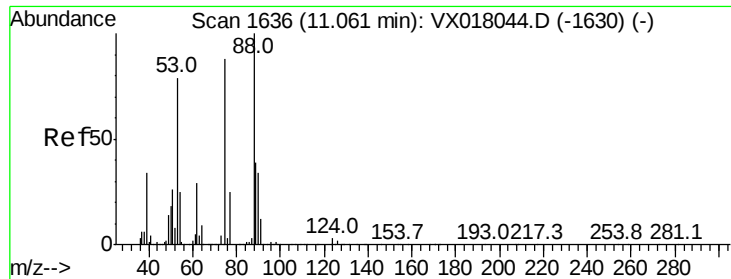
Tgt Ion: 105 Resp: 12145

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 61.986 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX018189.D

Acq: 01 Sep 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

PB131314ZHE#05

Tot Ion: 75 Resp: 177695

Ion Ratio Lower Upper

75 100

53 0.2 74.7 112.1#

89 0.0 36.6 54.8#

