

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022389.D
 Acq On : 04 Jun 2021 00:37
 Operator : JC/MD
 Sample : PB36780ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB36780ZHE#04

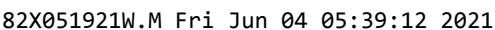
Quant Time: Jun 04 05:39:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	64459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	135761	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56068	56.39	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.78%			
35) Dibromofluoromethane	5.391	113	41844	48.60	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.20%			
50) Toluene-d8	8.653	98	169659	51.16	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.32%			
62) 4-Bromofluorobenzene	11.085	95	56760	46.30	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.60%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	288	0.55	ug/l #	32
6) Chloroethane	1.697	64	219	0.41	ug/l #	43
11) Tert butyl alcohol	2.959	59	3516	15.46	ug/l #	73
16) Acetone	2.386	43	40988	94.67	ug/l	94
18) Methyl Acetate	2.715	43	1575	1.37	ug/l #	87
20) Methylene Chloride	2.794	84	9171	9.54	ug/l	91
25) 2-Butanone	4.574	43	5700	8.14	ug/l	90
29) Tetrahydrofuran	5.032	42	213	0.51	ug/l #	64
31) Cyclohexane	5.562	56	1920	1.54	ug/l #	6
36) 1,1-Dichloropropene	5.556	75	6330	5.04	ug/l #	48
37) Ethyl Acetate	4.574	43	5700	3.70	ug/l #	64
38) Carbon Tetrachloride	5.562	117	7477	6.09	ug/l #	17
43) Isopropyl Acetate	6.349	43	13488	5.36	ug/l	95
48) Methyl methacrylate	7.598	41	3861	3.33	ug/l #	10
49) 1,4-Dioxane	7.799	88	65	2.88	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	48677	32.28	ug/l #	42
54) cis-1,3-Dichloropropene	8.555	75	21632	13.03	ug/l #	64
57) 1,3-Dichloropropane	9.488	76	11858	6.99	ug/l #	42
59) 2-Hexanone	9.385	43	5162	4.55	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	30213	27.78	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	725	0.23	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.085	75	30213	65.83	ug/l #	12

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

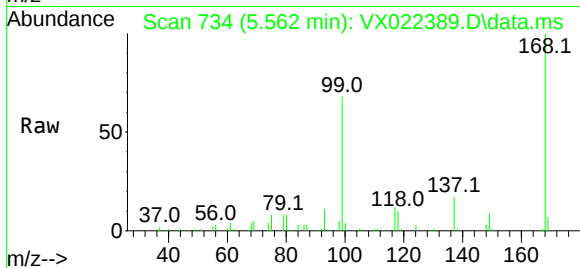
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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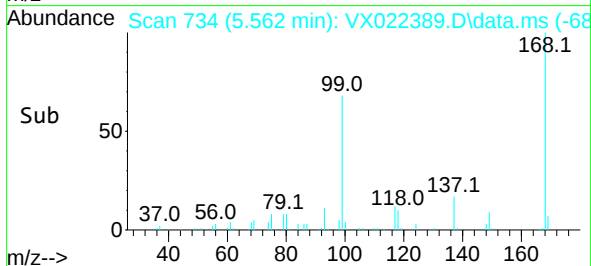
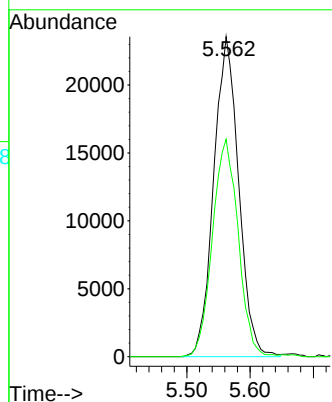


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022389.D
Acq: 04 Jun 2021 00:37

Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#04

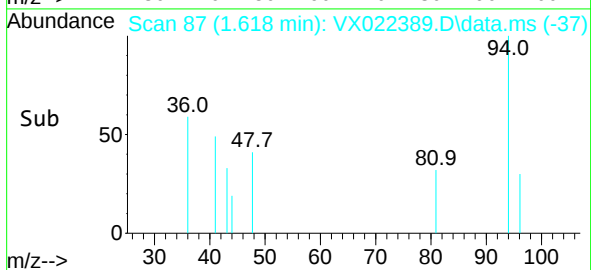
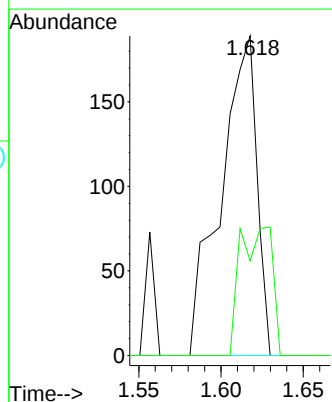
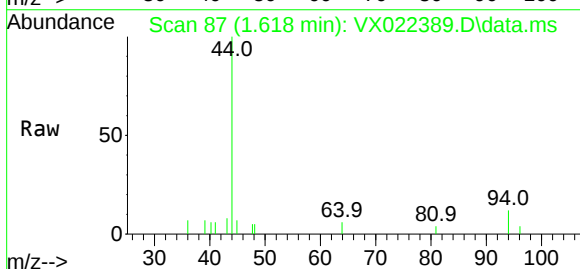


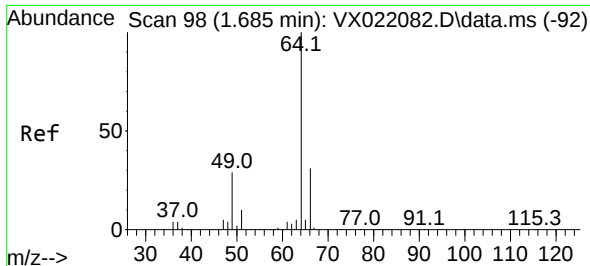
Tgt Ion:168 Resp: 64459
Ion Ratio Lower Upper
168 100
99 67.9 45.8 68.6



#5
Bromomethane
Concen: 0.55 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX022389.D
Acq: 04 Jun 2021 00:37

Tgt Ion: 94 Resp: 288
Ion Ratio Lower Upper
94 100
96 29.6 76.4 114.6#

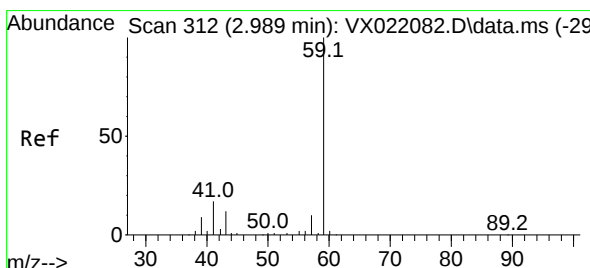
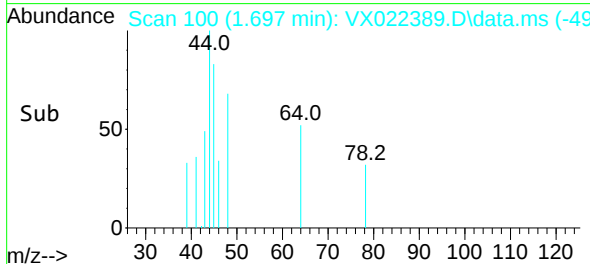
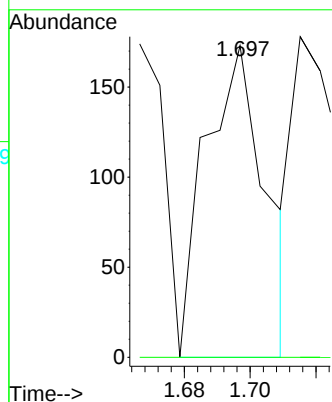
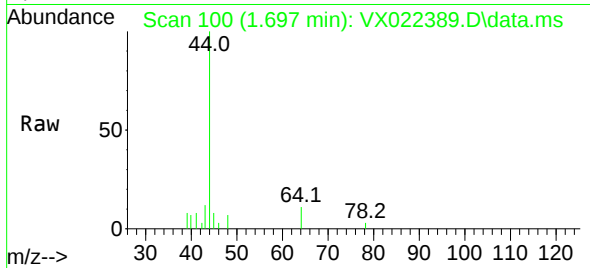




#6
Chloroethane
Concen: 0.41 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX022389.D
Acq: 04 Jun 2021 00:37

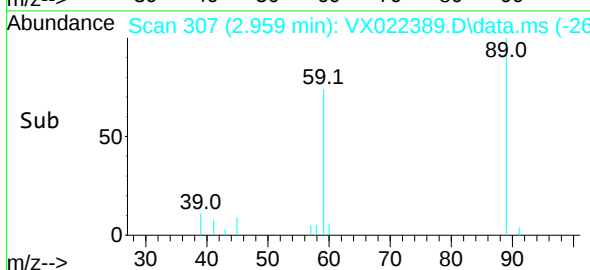
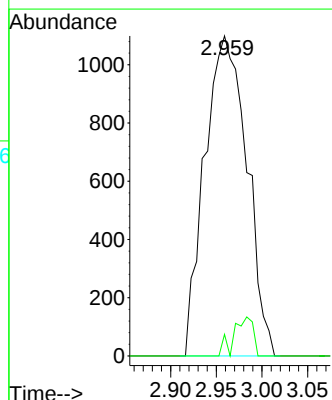
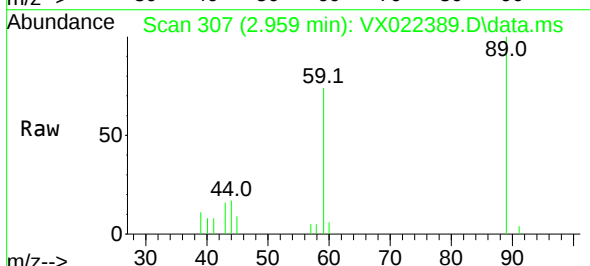
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#04

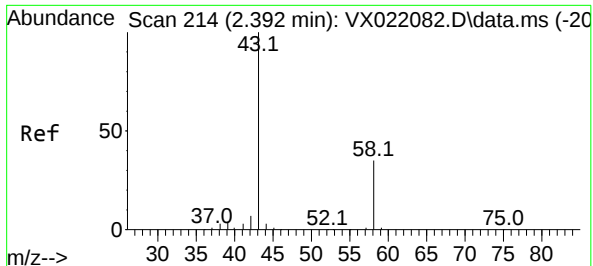
Tgt Ion: 64 Resp: 219
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 15.46 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022389.D
Acq: 04 Jun 2021 00:37

Tgt Ion: 59 Resp: 3516
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

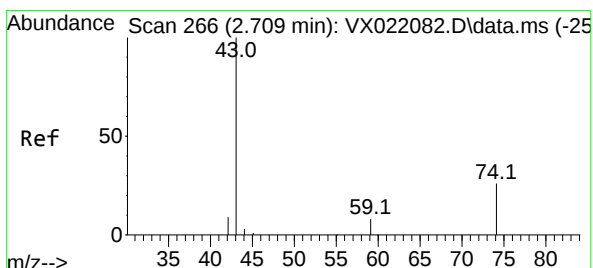
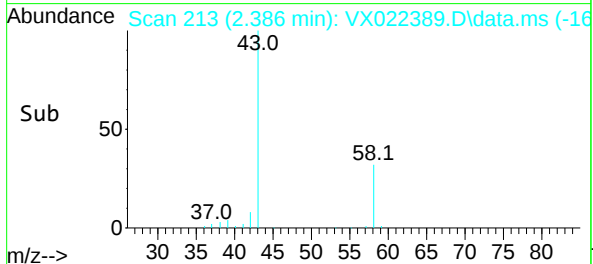
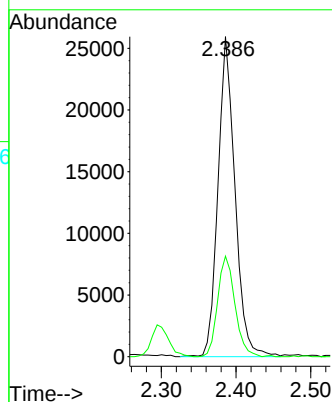
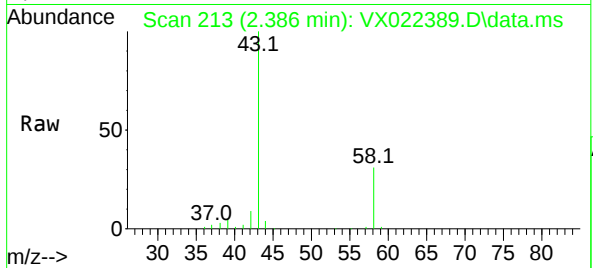




#16
Acetone
Concen: 94.67 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022389.D
Acq: 04 Jun 2021 00:37

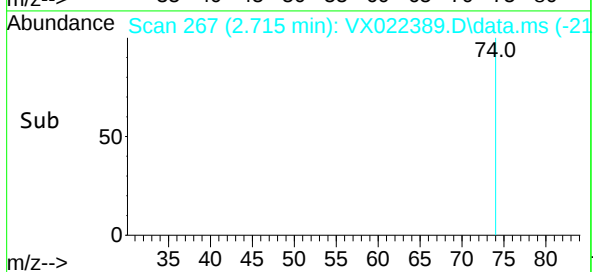
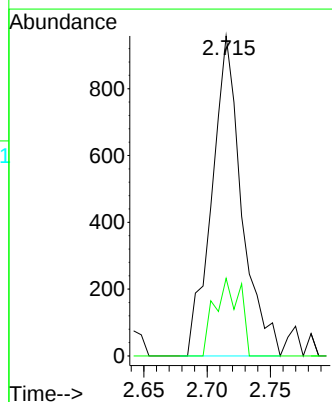
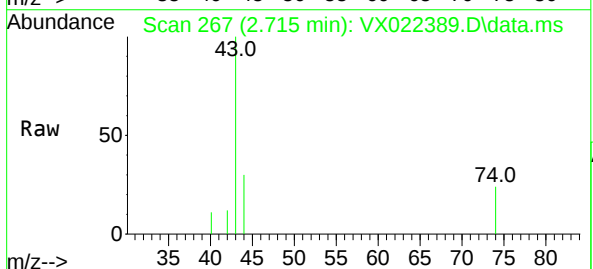
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#04

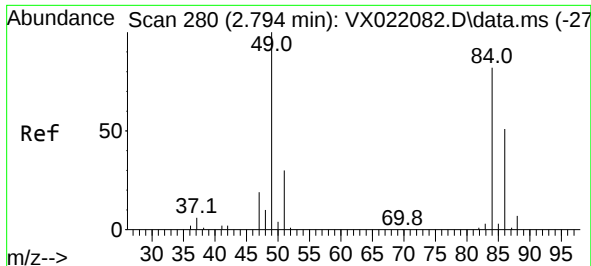
Tgt Ion: 43 Resp: 40988
Ion Ratio Lower Upper
43 100
58 31.4 27.8 41.8



#18
Methyl Acetate
Concen: 1.37 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022389.D
Acq: 04 Jun 2021 00:37

Tgt Ion: 43 Resp: 1575
Ion Ratio Lower Upper
43 100
74 20.6 21.9 32.9#





#20

Methylene Chloride

Concen: 9.54 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022389.D

Acq: 04 Jun 2021 00:37

Tgt Ion: 84 Resp: 9171

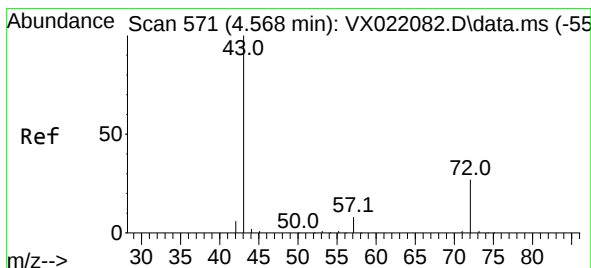
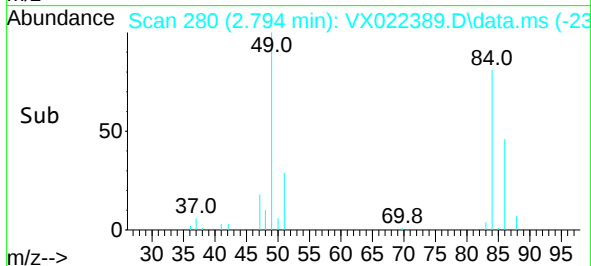
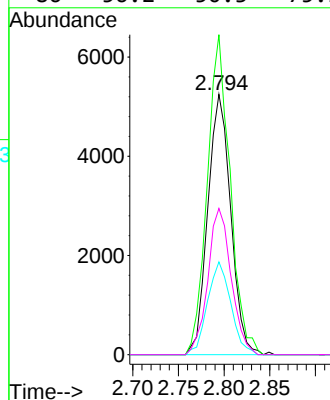
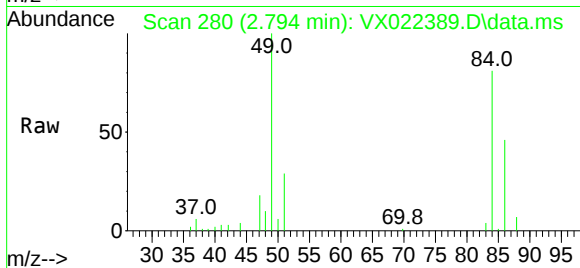
Ion Ratio Lower Upper

84 100

49 122.9 88.6 132.8

51 35.6 27.0 40.6

86 56.2 50.3 75.5



#25

2-Butanone

Concen: 8.14 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX022389.D

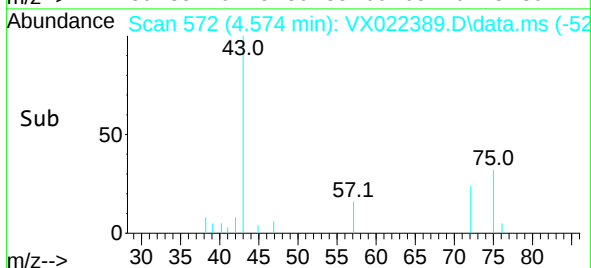
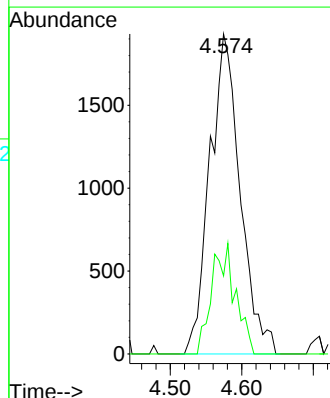
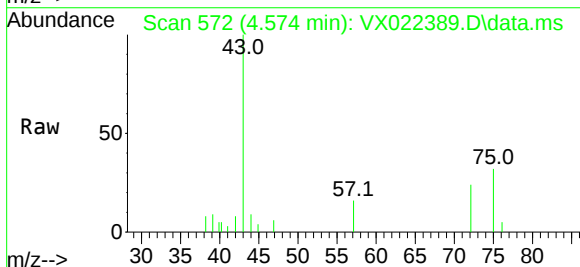
Acq: 04 Jun 2021 00:37

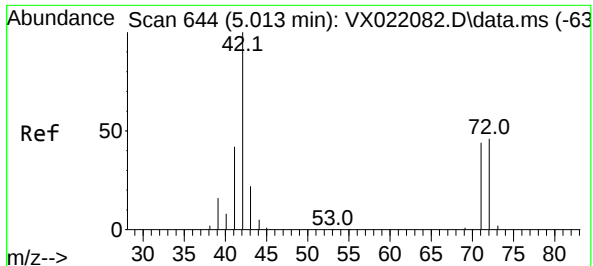
Tgt Ion: 43 Resp: 5700

Ion Ratio Lower Upper

43 100

72 24.4 23.7 35.5





#29

Tetrahydrofuran

Concen: 0.51 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.019 min

Lab File: VX022389.D

Acq: 04 Jun 2021 00:37

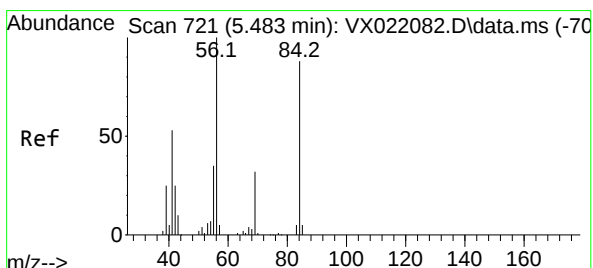
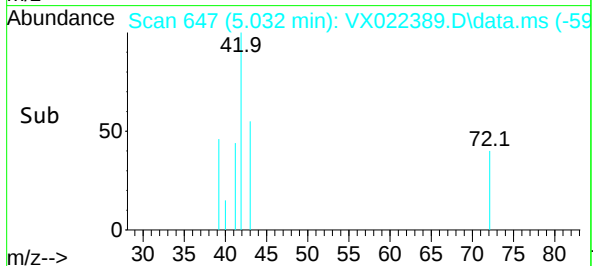
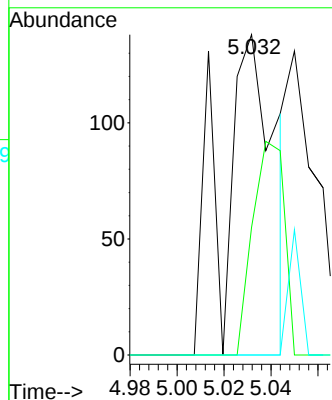
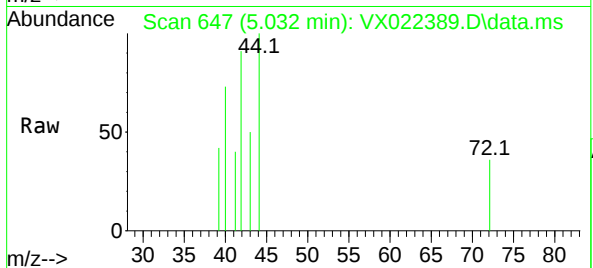
Tgt Ion: 42 Resp: 213

Ion Ratio Lower Upper

42 100

72 40.4 41.7 62.5#

71 9.4 38.4 57.6#



#31

Cyclohexane

Concen: 1.54 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.079 min

Lab File: VX022389.D

Acq: 04 Jun 2021 00:37

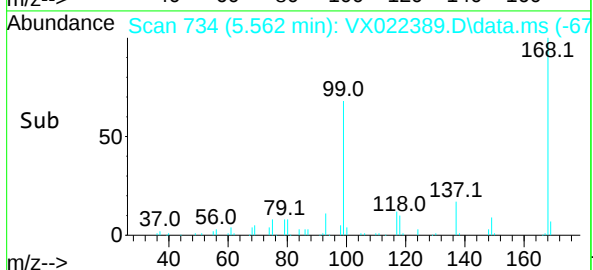
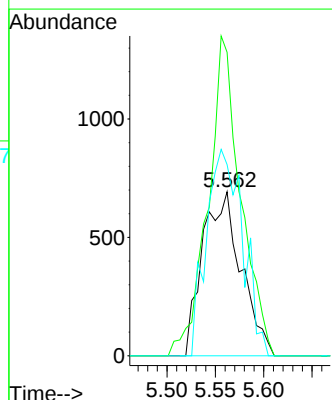
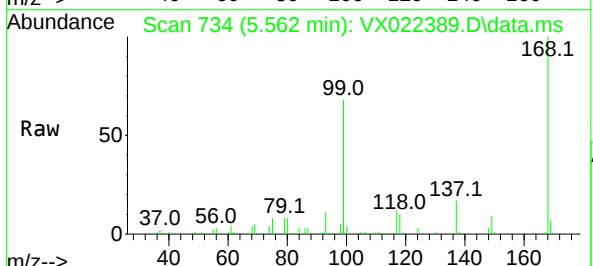
Tgt Ion: 56 Resp: 1920

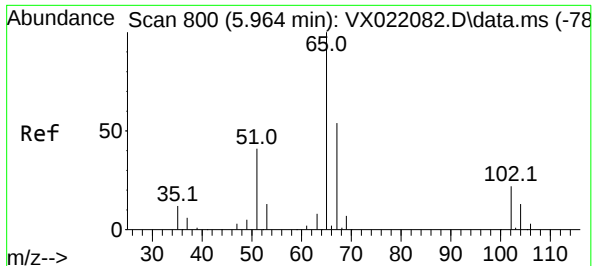
Ion Ratio Lower Upper

56 100

69 185.0 25.3 37.9#

84 116.6 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 56.39 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022389.D

Acq: 04 Jun 2021 00:37

Tgt Ion: 65 Resp: 56068

Ion Ratio Lower Upper

65 100

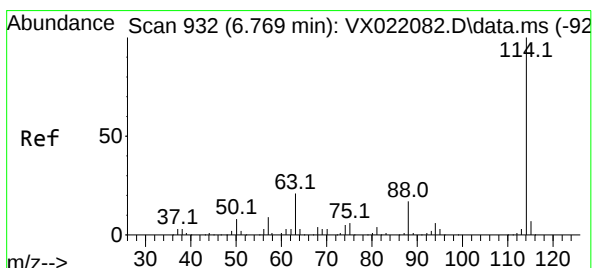
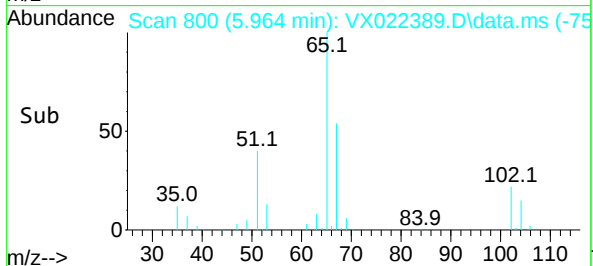
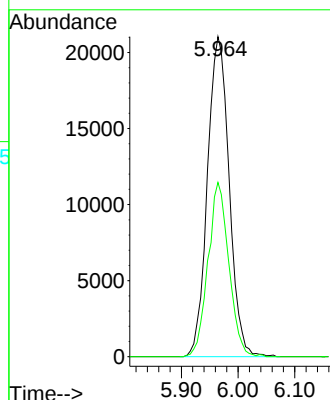
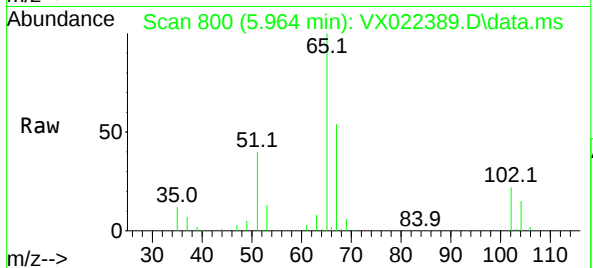
67 52.2 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

PB36780ZHE#04



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022389.D

Acq: 04 Jun 2021 00:37

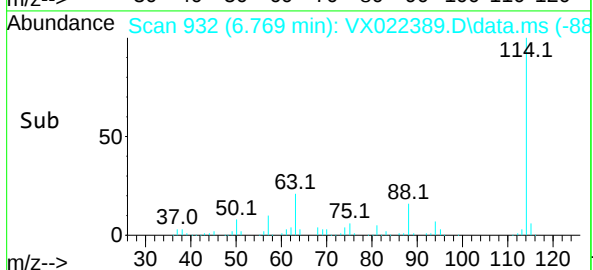
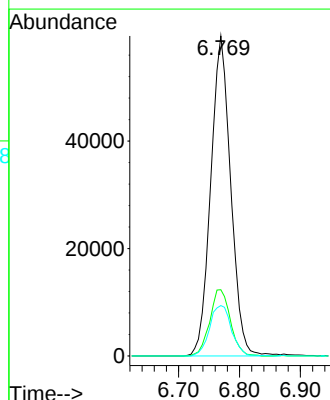
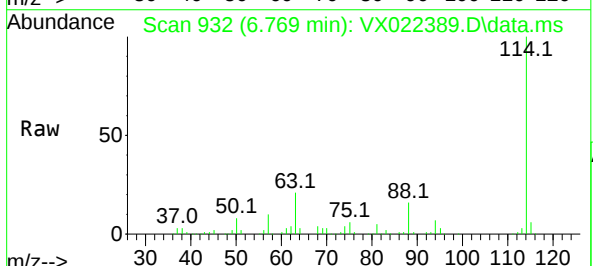
Tgt Ion: 114 Resp: 135761

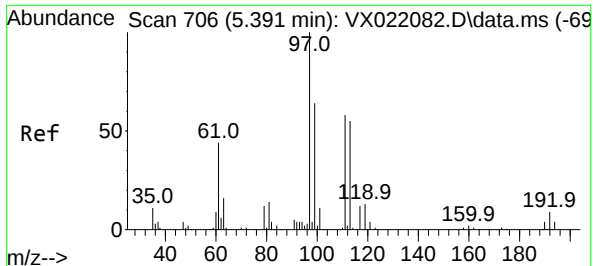
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.60 ug/l

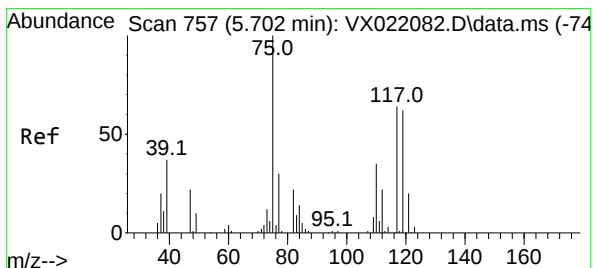
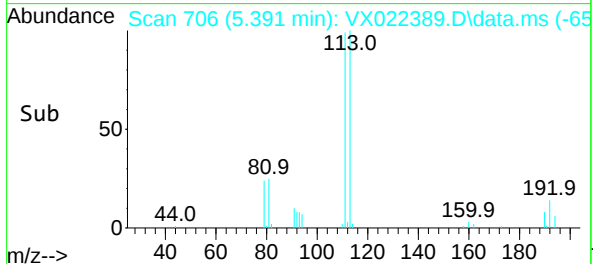
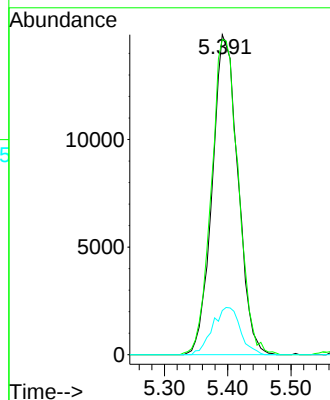
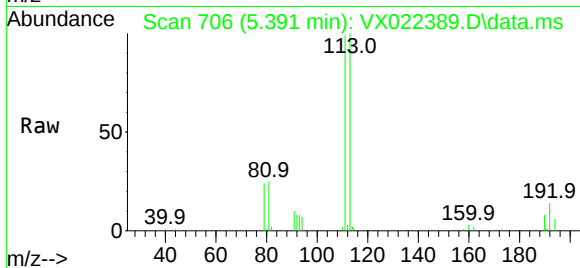
RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX022389.D

Acq: 04 Jun 2021 00:37

Tgt Ion:	113	Resp:	41844
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.9	122.9
192	16.0	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 5.04 ug/l

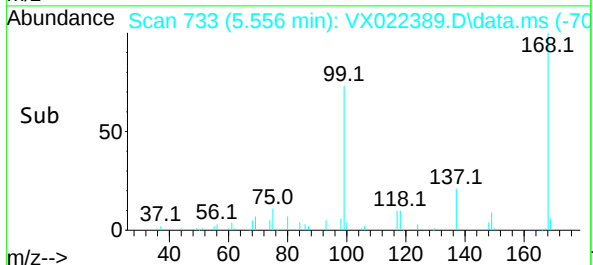
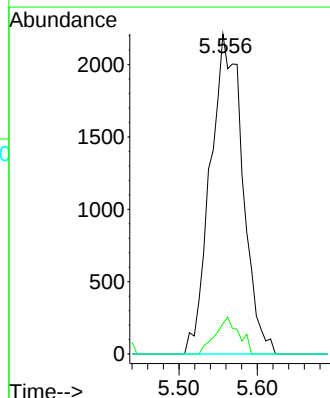
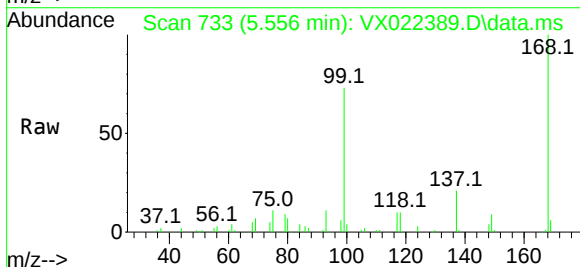
RT: 5.556 min Scan# 733

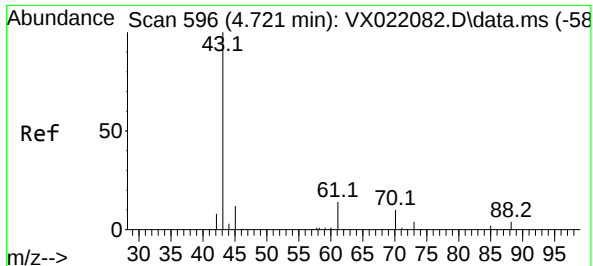
Delta R.T. -0.146 min

Lab File: VX022389.D

Acq: 04 Jun 2021 00:37

Tgt Ion:	75	Resp:	6330
Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.4#
77	0.0	25.3	37.9#





#37

Ethyl Acetate

Concen: 3.70 ug/l

RT: 4.574 min Scan# 572

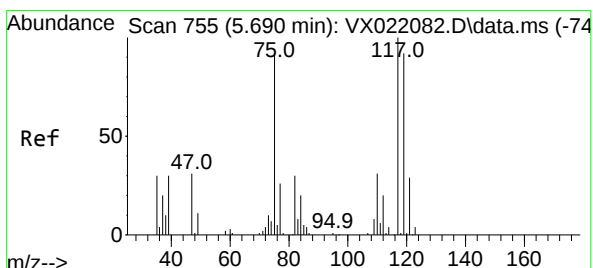
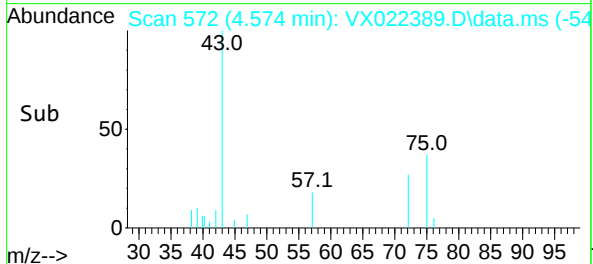
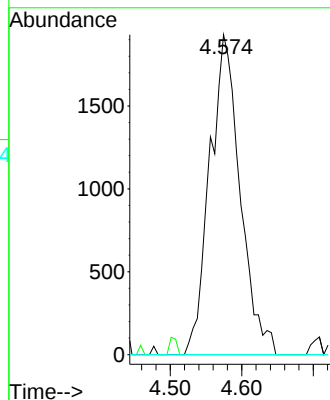
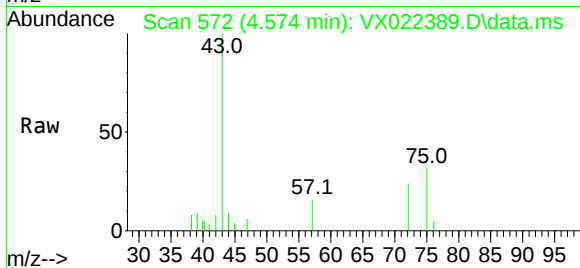
Delta R.T. -0.147 min

Lab File: VX022389.D

Acq: 04 Jun 2021 00:37

Tgt Ion:	43	Resp:	5700
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#

Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#04



#38

Carbon Tetrachloride

Concen: 6.09 ug/l

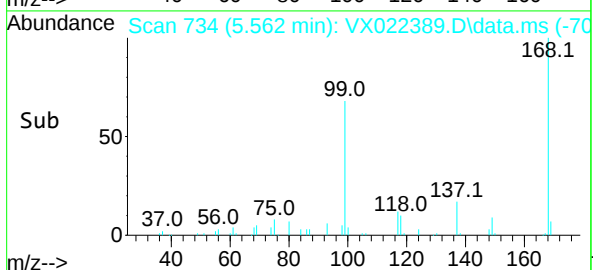
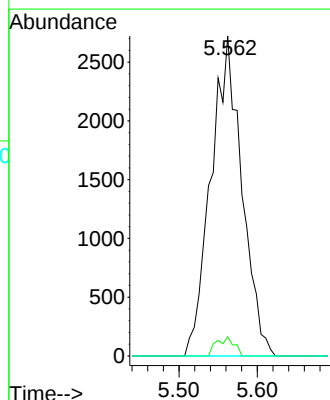
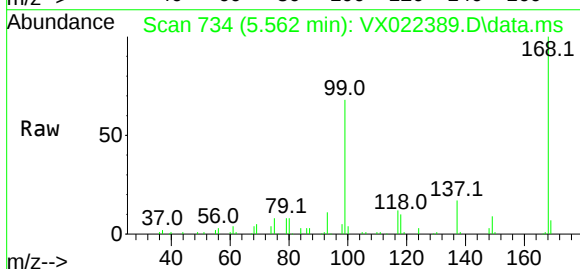
RT: 5.562 min Scan# 734

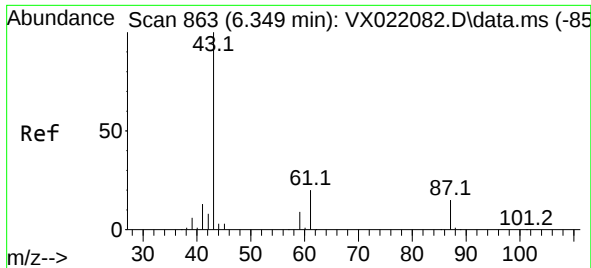
Delta R.T. -0.128 min

Lab File: VX022389.D

Acq: 04 Jun 2021 00:37

Tgt Ion:	117	Resp:	7477
Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.2	114.2#
121	0.0	24.8	37.2#

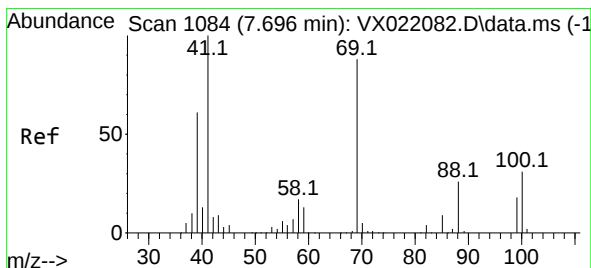
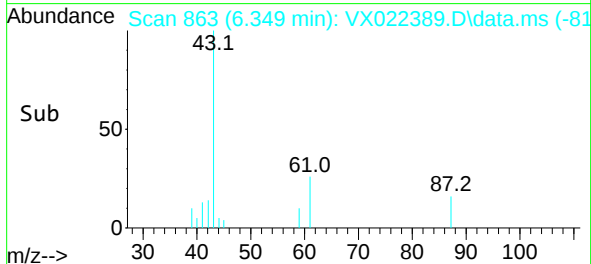
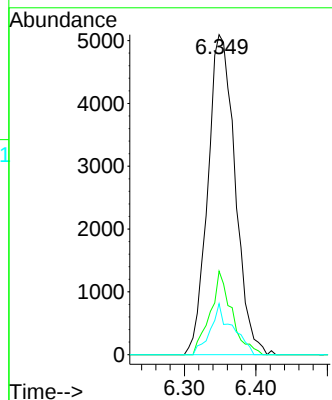
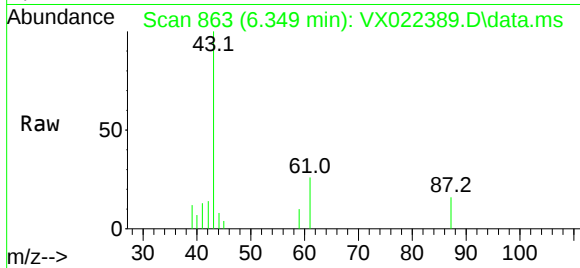




#43
Isopropyl Acetate
Concen: 5.36 ug/l
RT: 6.349 min Scan# 863
Delta R.T. -0.000 min
Lab File: VX022389.D
Acq: 04 Jun 2021 00:37

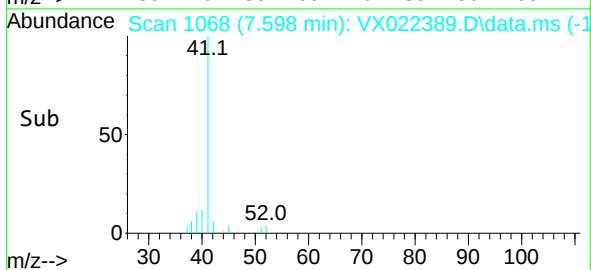
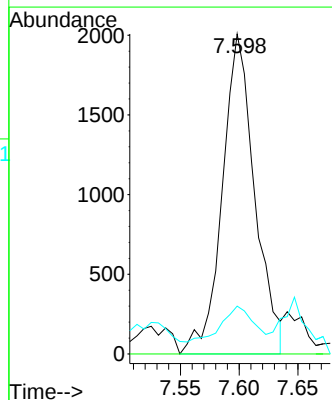
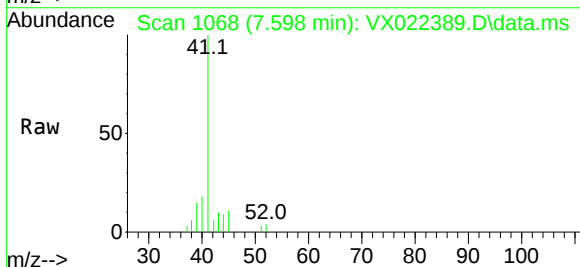
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#04

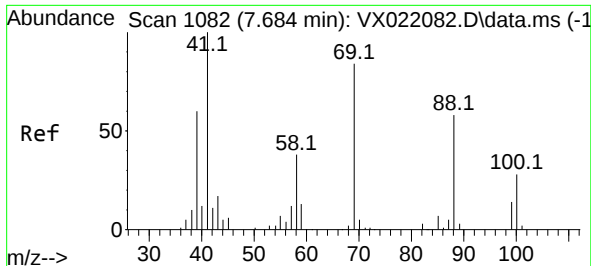
Tgt Ion: 43	Resp: 13488
Ion Ratio	Lower Upper
43 100	
61 20.7	18.2 27.4
87 12.8	12.5 18.7



#48
Methyl methacrylate
Concen: 3.33 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022389.D
Acq: 04 Jun 2021 00:37

Tgt Ion: 41	Resp: 3861
Ion Ratio	Lower Upper
41 100	
69 0.0	76.0 114.0#
39 0.0	44.6 67.0#





#49

1,4-Dioxane

Concen: 2.88 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.115 min

Lab File: VX022389.D

Acq: 04 Jun 2021 00:37

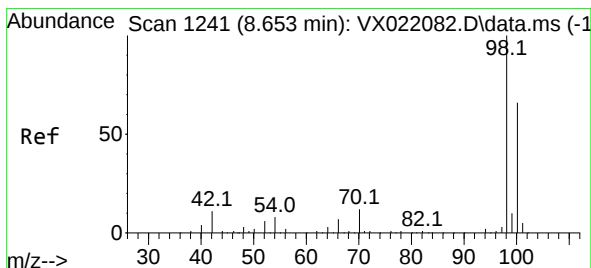
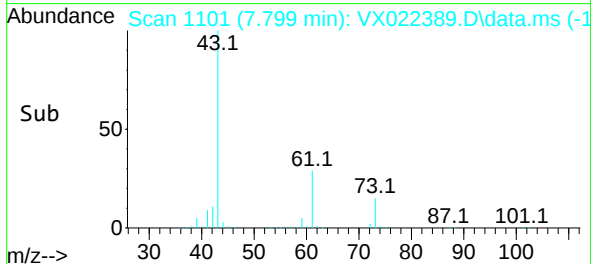
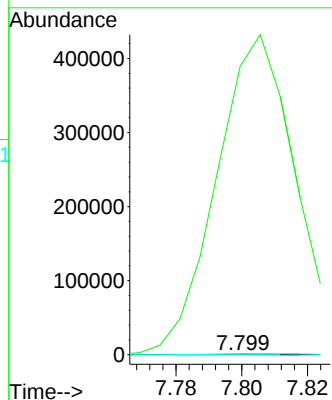
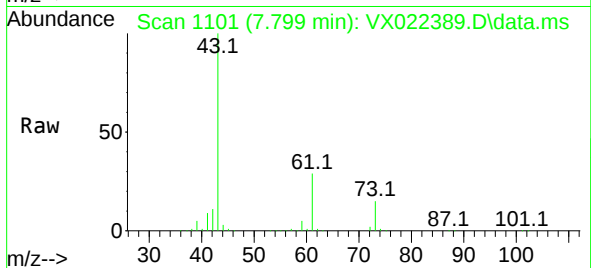
Tgt Ion: 88 Resp: 65

Ion Ratio Lower Upper

88 100

43 1135589.2 23.2 34.8#

58 4800.0 55.0 82.4#



#50

Toluene-d8

Concen: 51.16 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022389.D

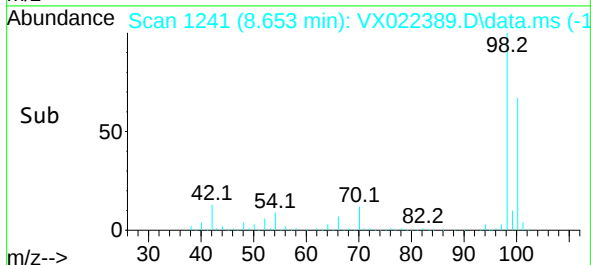
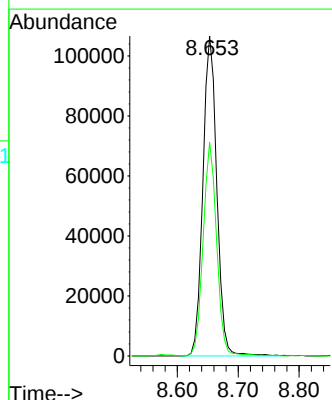
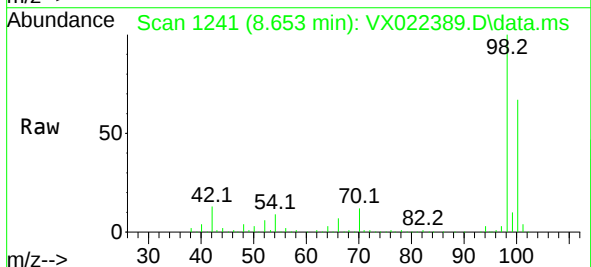
Acq: 04 Jun 2021 00:37

Tgt Ion: 98 Resp: 169659

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9

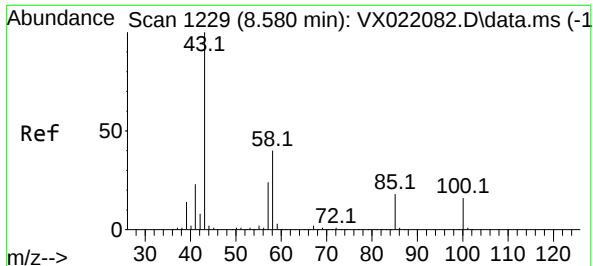


Instrument :

MSVOA_X

ClientSampleId :

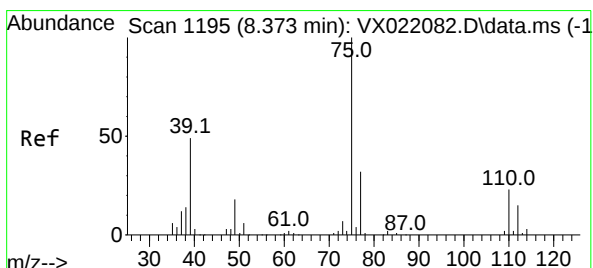
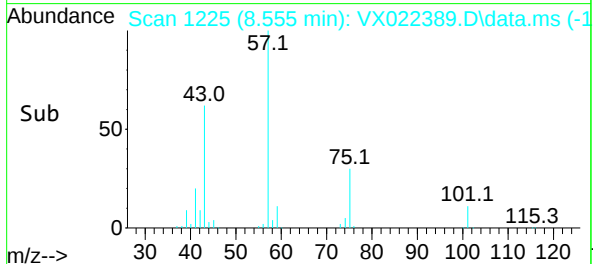
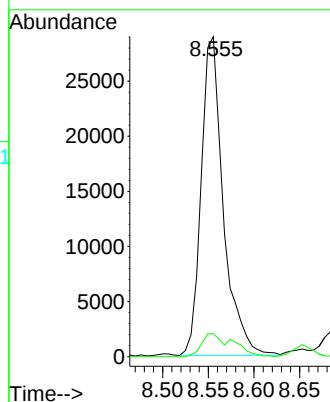
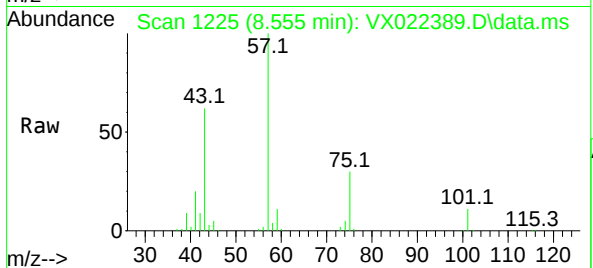
PB36780ZHE#04



#51
4-Methyl-2-Pentanone
Concen: 32.28 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022389.D
Acq: 04 Jun 2021 00:37

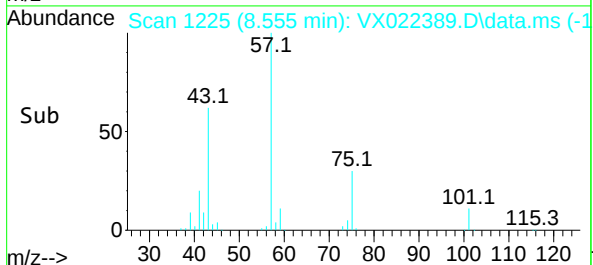
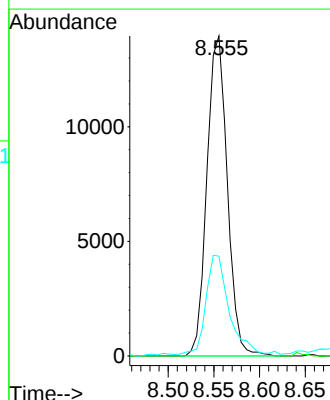
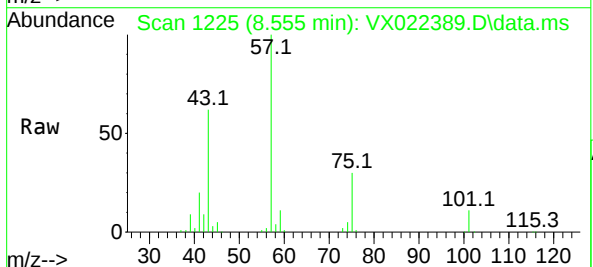
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#04

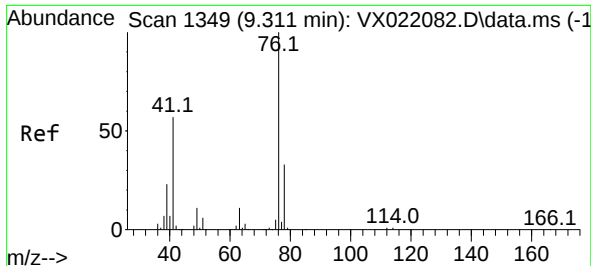
Tgt Ion: 43 Resp: 48677
Ion Ratio Lower Upper
43 100
58 6.5 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 13.03 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022389.D
Acq: 04 Jun 2021 00:37

Tgt Ion: 75 Resp: 21632
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 30.7 35.1 52.7#

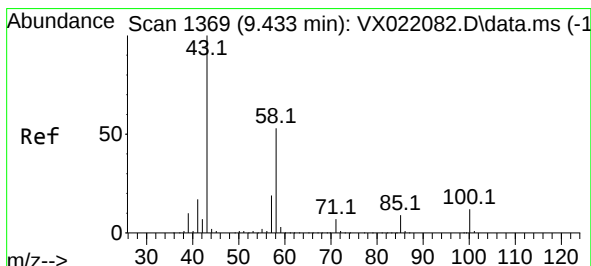
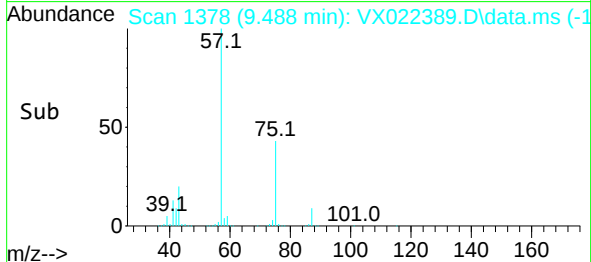
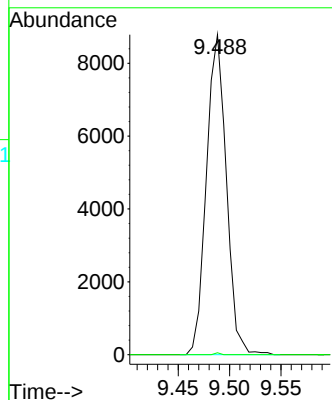
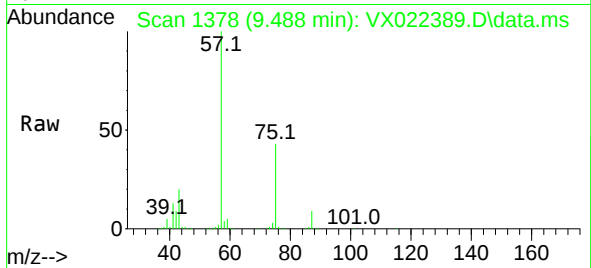




#57
1,3-Dichloropropane
Concen: 6.99 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022389.D
Acq: 04 Jun 2021 00:37

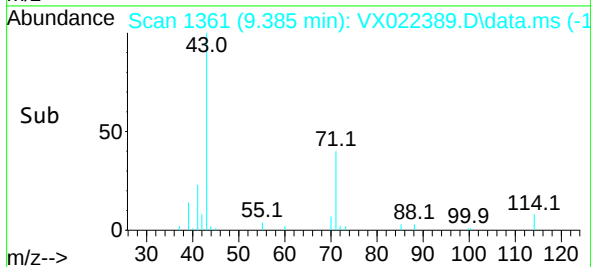
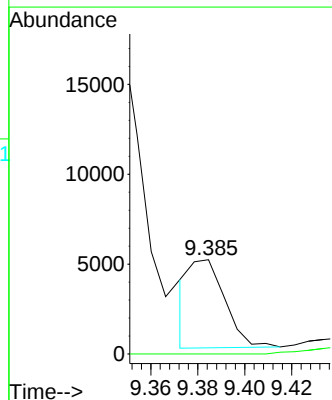
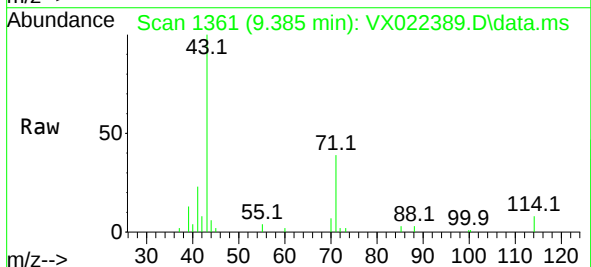
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#04

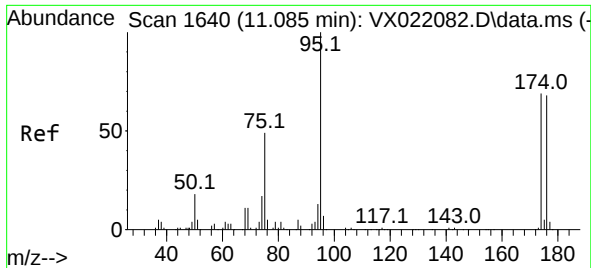
Tgt Ion: 76 Resp: 11858
Ion Ratio Lower Upper
76 100
78 0.2 26.2 39.2#



#59
2-Hexanone
Concen: 4.55 ug/l
RT: 9.385 min Scan# 1361
Delta R.T. -0.048 min
Lab File: VX022389.D
Acq: 04 Jun 2021 00:37

Tgt Ion: 43 Resp: 5162
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

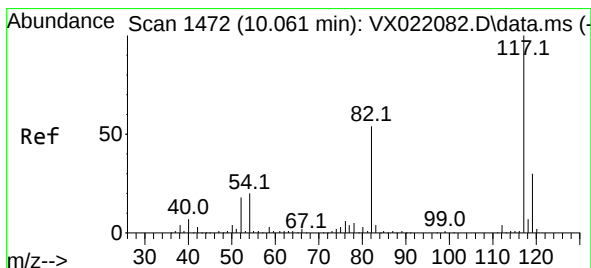
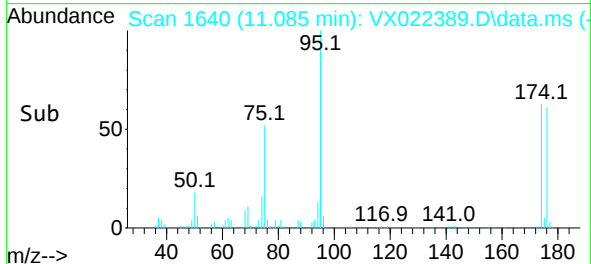
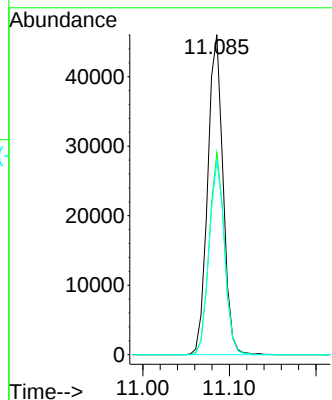
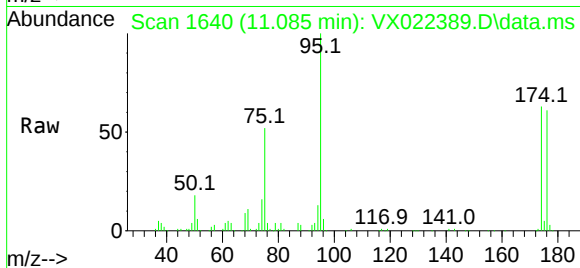




#62
4-Bromofluorobenzene
Concen: 46.30 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022389.D
Acq: 04 Jun 2021 00:37

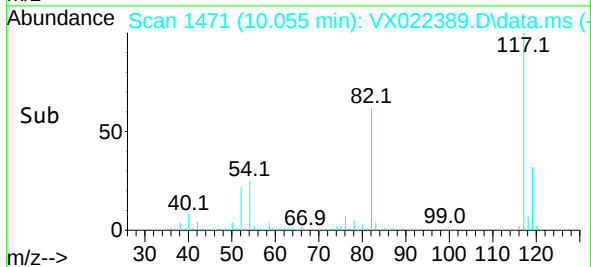
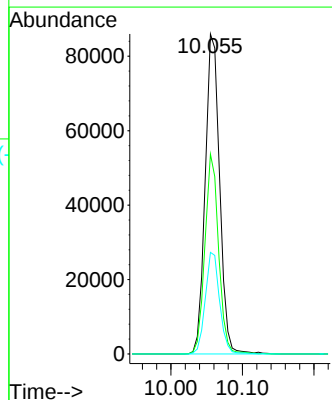
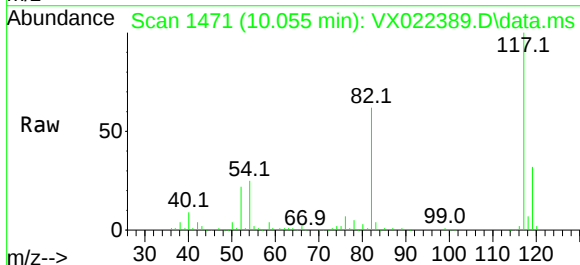
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#04

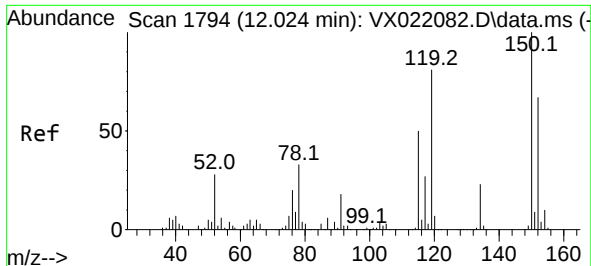
Tgt Ion: 95 Resp: 56760
Ion Ratio Lower Upper
95 100
174 61.9 0.0 154.6
176 61.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022389.D
Acq: 04 Jun 2021 00:37

Tgt Ion: 117 Resp: 120785
Ion Ratio Lower Upper
117 100
82 62.4 47.4 71.2
119 31.8 26.6 39.8

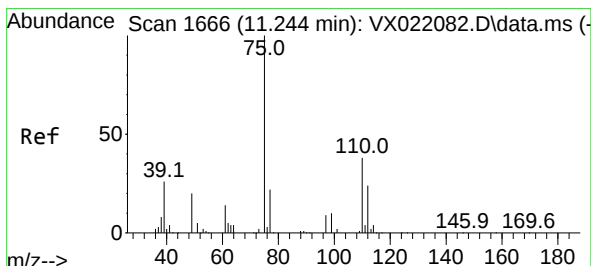
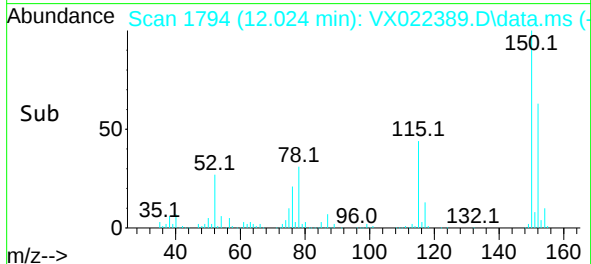
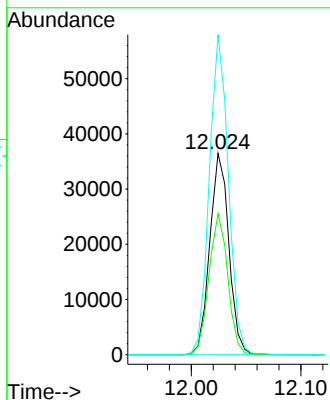
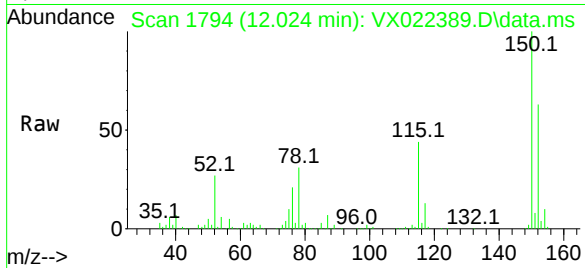




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022389.D
 Acq: 04 Jun 2021 00:37

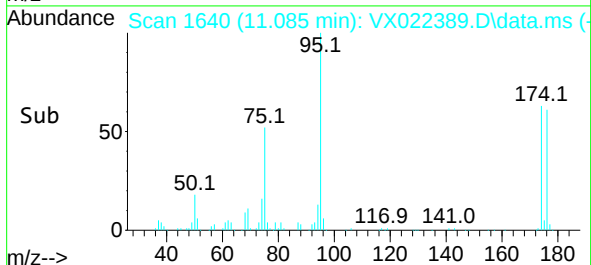
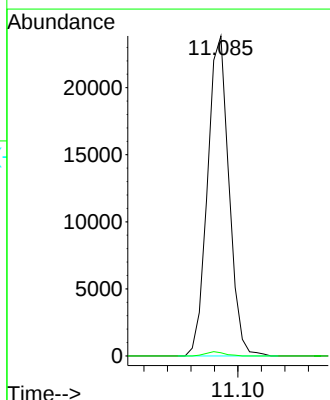
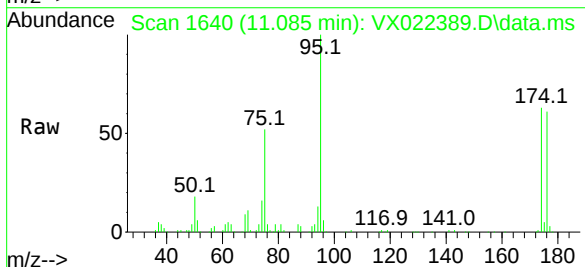
Instrument :
 MSVOA_X
 ClientSampleId :
 PB36780ZHE#04

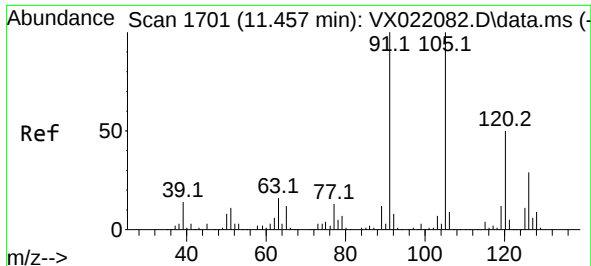
Tgt Ion:152 Resp: 44078
 Ion Ratio Lower Upper
 152 100
 115 69.0 41.1 123.3
 150 158.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.78 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022389.D
 Acq: 04 Jun 2021 00:37

Tgt Ion: 75 Resp: 30213
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

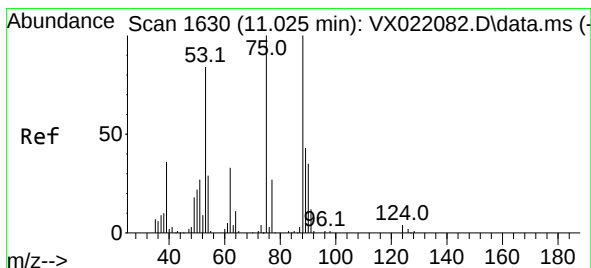
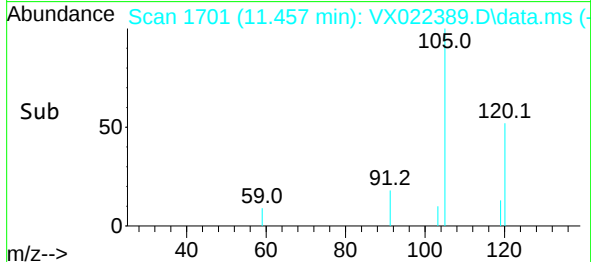
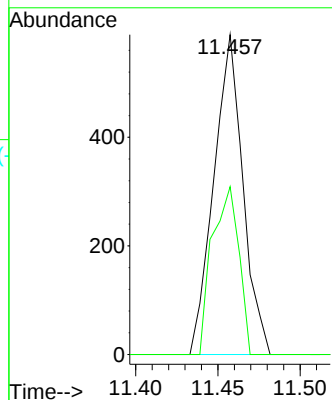
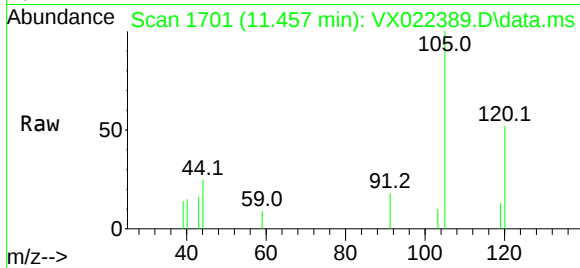




#80
1,3,5-Trimethylbenzene
Concen: 0.23 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022389.D
Acq: 04 Jun 2021 00:37

Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#04

Tgt Ion:105 Resp: 725
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 65.83 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022389.D
Acq: 04 Jun 2021 00:37

Tgt Ion: 75 Resp: 30213
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

