

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022396.D
 Acq On : 04 Jun 2021 03:22
 Operator : JC/MD
 Sample : PB36780ZHE#11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB36780ZHE#11

Quant Time: Jun 04 05:41:18 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

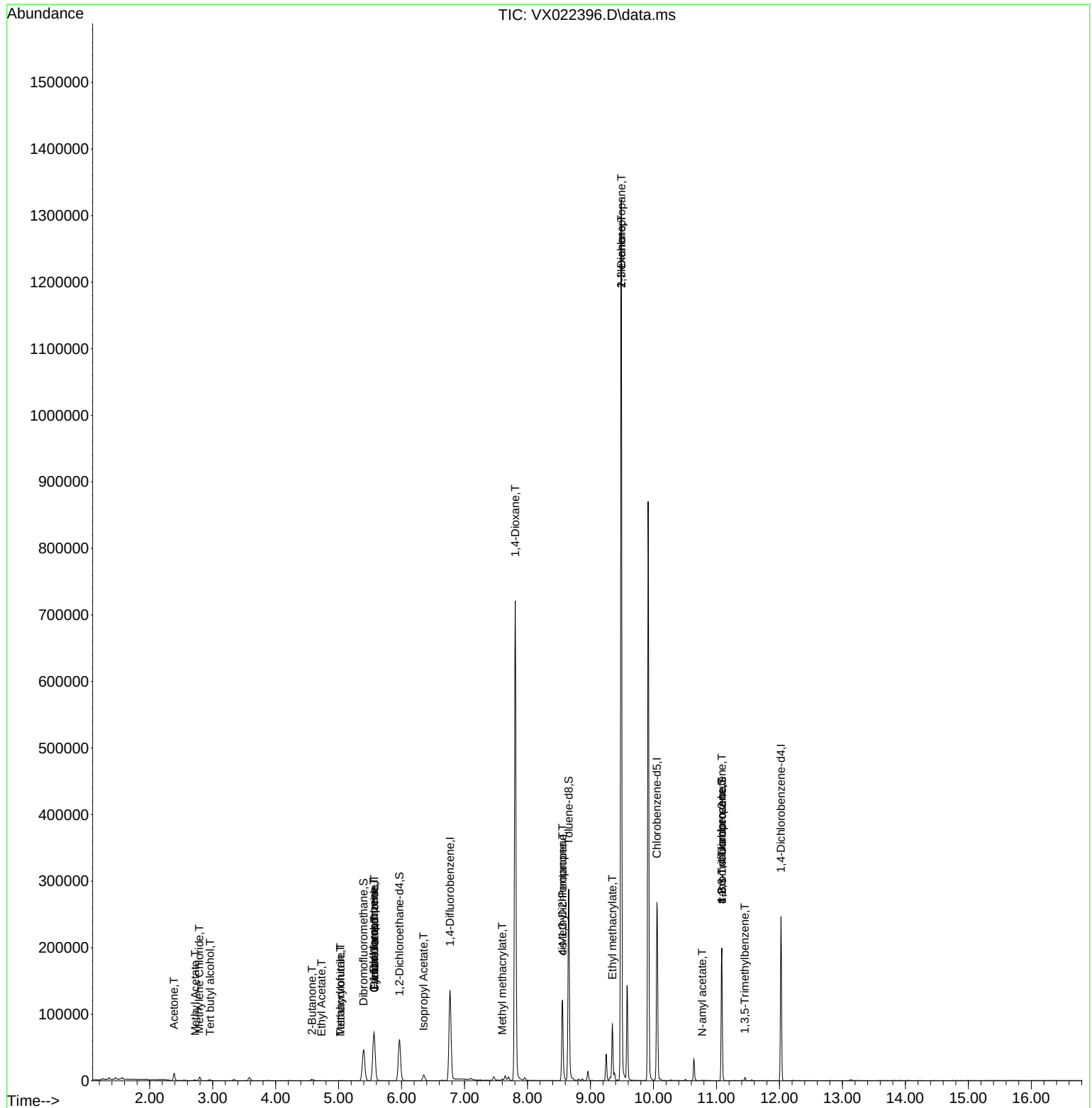
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

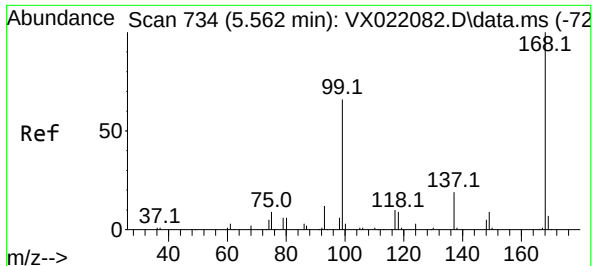
Internal Standards						
1) Pentafluorobenzene	5.562	168	60913	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	133481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44017	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55478	59.04	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	118.08%	#	
35) Dibromofluoromethane	5.397	113	40105	47.38	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.76%		
50) Toluene-d8	8.653	98	161295	49.47	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.94%		
62) 4-Bromofluorobenzene	11.085	95	54179	44.95	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.90%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	1099	5.11	ug/l	# 73
16) Acetone	2.386	43	11989	29.30	ug/l	94
18) Methyl Acetate	2.721	43	1755	1.61	ug/l	# 79
20) Methylene Chloride	2.788	84	2348	2.58	ug/l	# 84
25) 2-Butanone	4.574	43	3110	4.70	ug/l	# 84
29) Tetrahydrofuran	5.025	42	116	0.29	ug/l	# 27
31) Cyclohexane	5.568	56	1675	1.42	ug/l	# 31
36) 1,1-Dichloropropene	5.556	75	6018	4.88	ug/l	# 47
37) Ethyl Acetate	4.727	43	356	0.24	ug/l	# 64
38) Carbon Tetrachloride	5.568	117	6860	5.68	ug/l	# 15
41) Methacrylonitrile	5.031	41	196	0.24	ug/l	# 33
43) Isopropyl Acetate	6.348	43	11986	4.84	ug/l	92
48) Methyl methacrylate	7.598	41	2906	2.55	ug/l	# 10
49) 1,4-Dioxane	7.805	88	45	2.03	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	43381	29.26	ug/l	# 47
54) cis-1,3-Dichloropropene	8.555	75	19916	12.20	ug/l	# 65
56) Ethyl methacrylate	9.348	69	321	0.20	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	11552	6.93	ug/l	# 42
59) 2-Hexanone	9.488	43	153945	138.07	ug/l	# 44
74) N-amyl acetate	10.774	43	490	0.28	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	28109	25.89	ug/l	# 38
80) 1,3,5-Trimethylbenzene	11.451	105	2309	0.75	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.085	75	28109	61.33	ug/l	# 12

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

Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#11

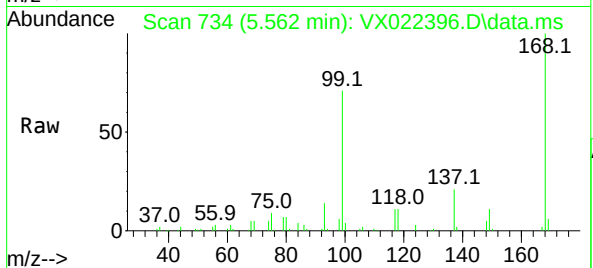
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#11



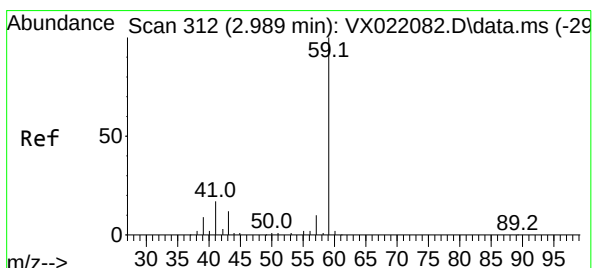
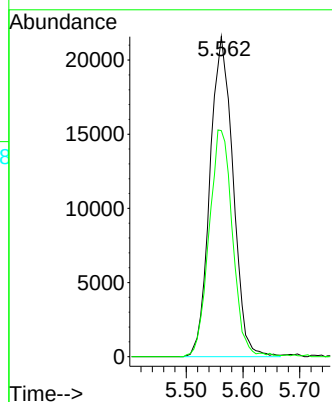
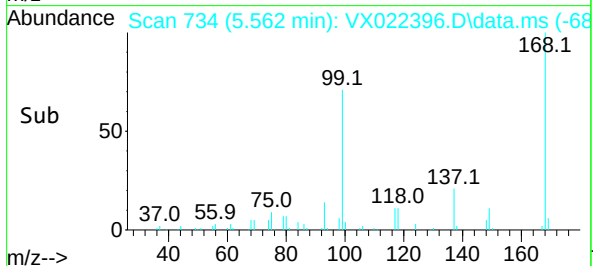


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022396.D
Acq: 04 Jun 2021 03:22

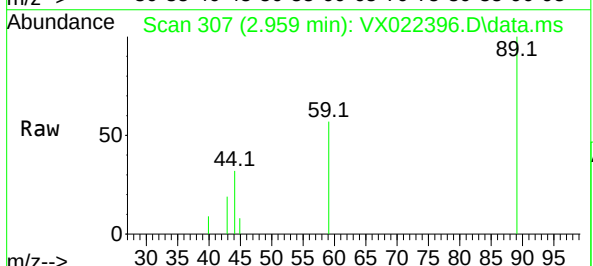
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#11



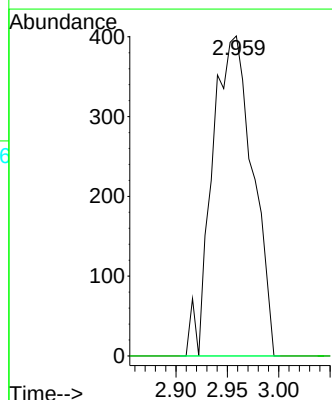
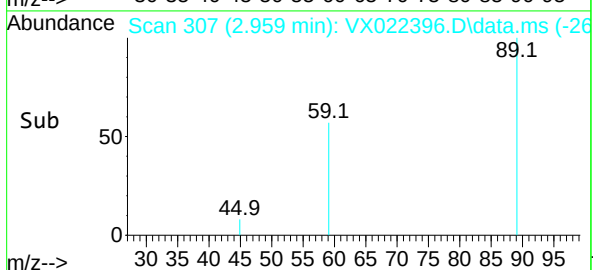
Tgt Ion:168 Resp: 60913
Ion Ratio Lower Upper
168 100
99 70.7 45.8 68.6#

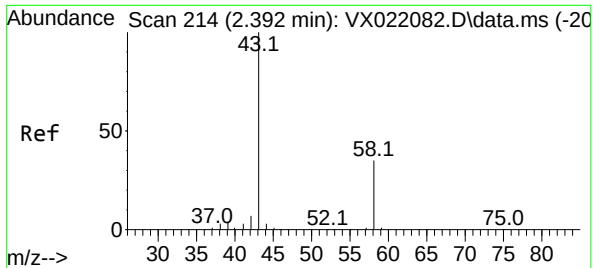


#11
Tert butyl alcohol
Concen: 5.11 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022396.D
Acq: 04 Jun 2021 03:22



Tgt Ion: 59 Resp: 1099
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

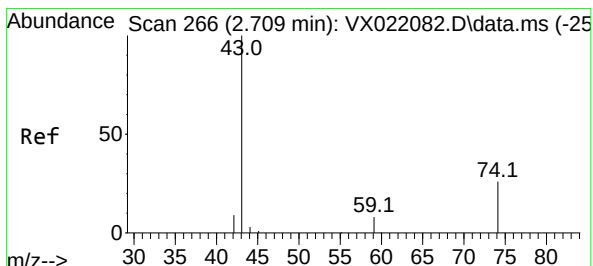
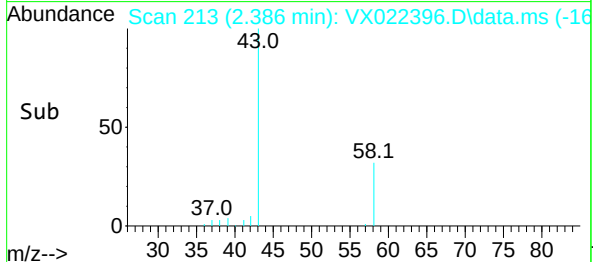
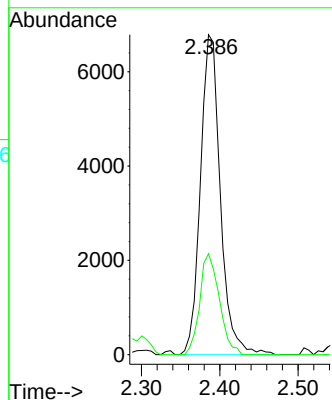
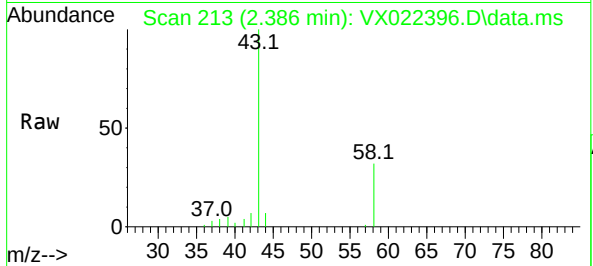




#16
Acetone
Concen: 29.30 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022396.D
Acq: 04 Jun 2021 03:22

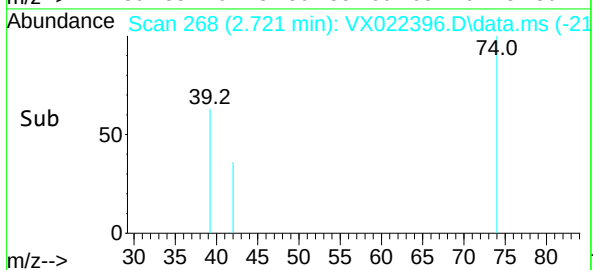
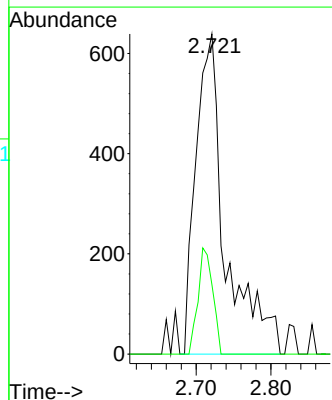
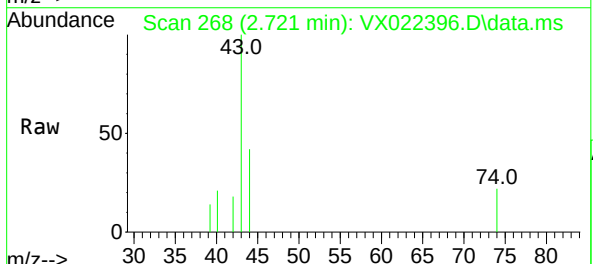
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#11

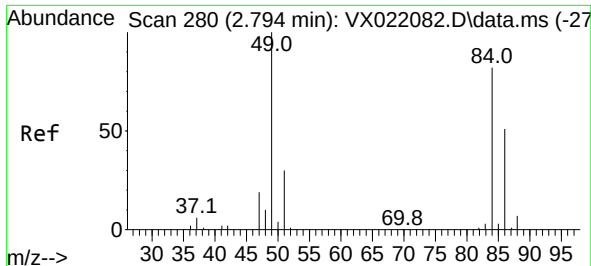
Tgt Ion: 43 Resp: 11989
Ion Ratio Lower Upper
43 100
58 31.5 27.8 41.8



#18
Methyl Acetate
Concen: 1.61 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022396.D
Acq: 04 Jun 2021 03:22

Tgt Ion: 43 Resp: 1755
Ion Ratio Lower Upper
43 100
74 16.5 21.9 32.9#





#20

Methylene Chloride

Concen: 2.58 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX022396.D

Acq: 04 Jun 2021 03:22

Instrument :

MSVOA_X

ClientSampleId :

PB36780ZHE#11

Tgt Ion: 84 Resp: 2348

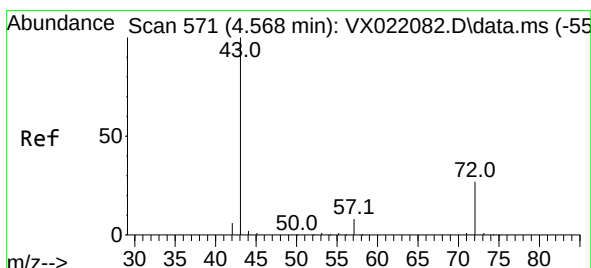
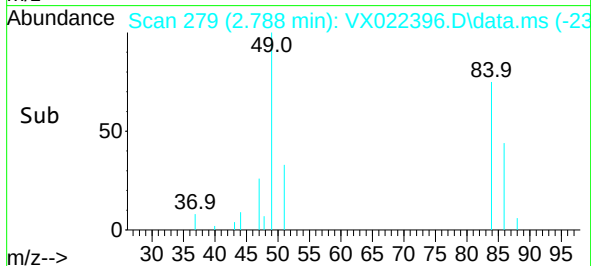
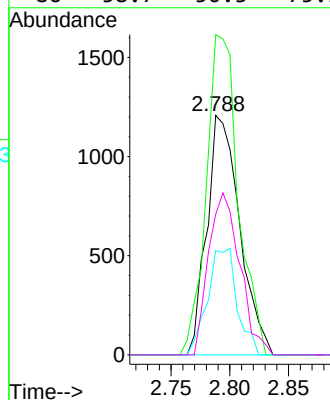
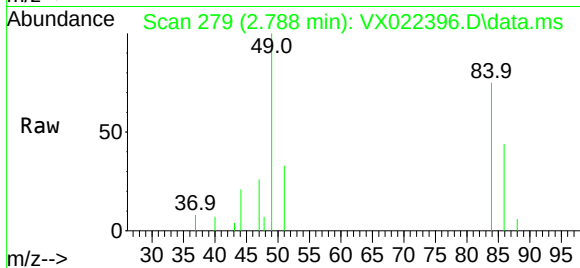
Ion Ratio Lower Upper

84 100

49 133.7 88.6 132.8#

51 43.5 27.0 40.6#

86 58.7 50.3 75.5



#25

2-Butanone

Concen: 4.70 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX022396.D

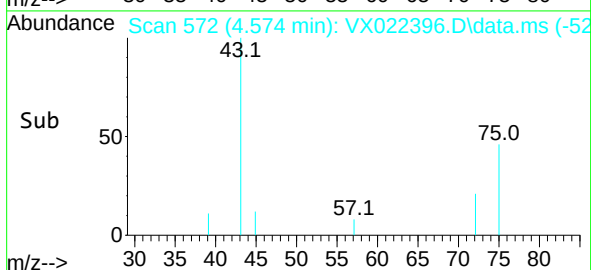
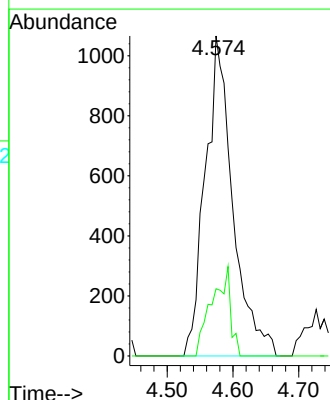
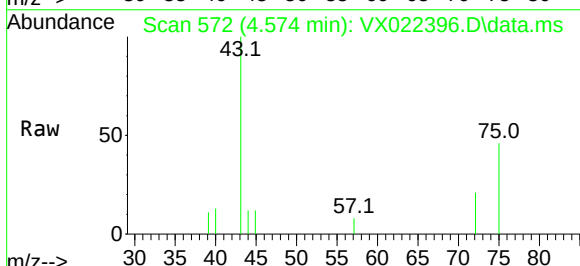
Acq: 04 Jun 2021 03:22

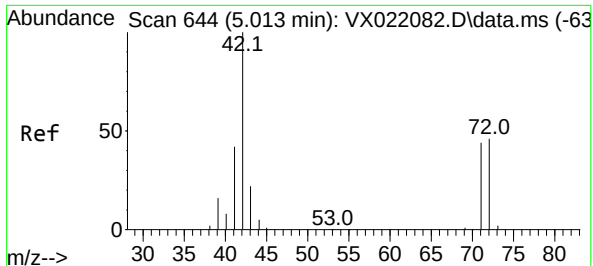
Tgt Ion: 43 Resp: 3110

Ion Ratio Lower Upper

43 100

72 21.0 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.29 ug/l

RT: 5.025 min Scan# 646

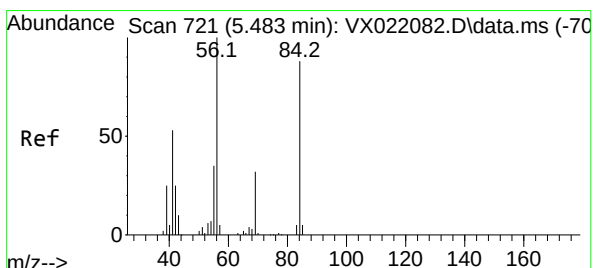
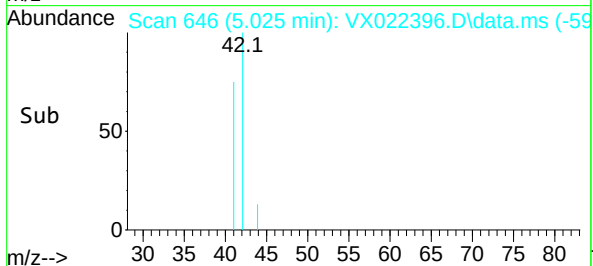
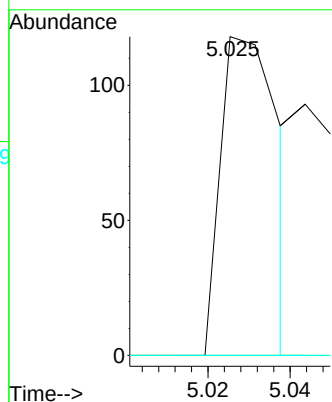
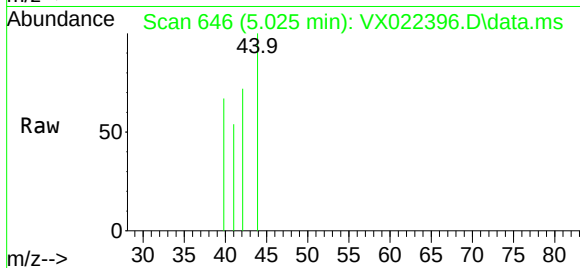
Delta R.T. 0.012 min

Lab File: VX022396.D

Acq: 04 Jun 2021 03:22

Tgt Ion:	42	Resp:	116
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#11



#31

Cyclohexane

Concen: 1.42 ug/l

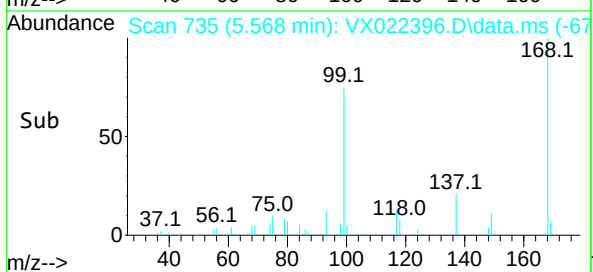
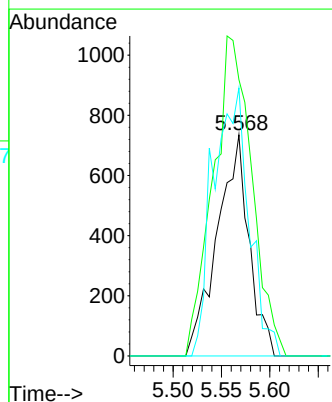
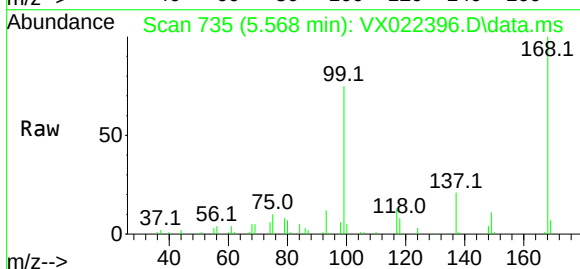
RT: 5.568 min Scan# 735

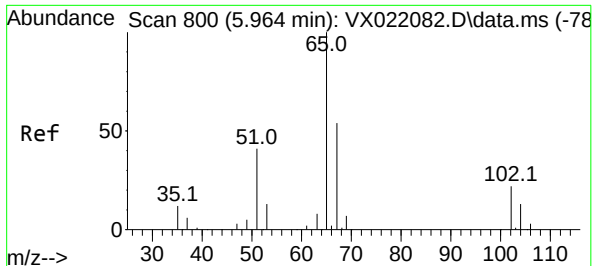
Delta R.T. 0.085 min

Lab File: VX022396.D

Acq: 04 Jun 2021 03:22

Tgt Ion:	56	Resp:	1675
Ion	Ratio	Lower	Upper
56	100		
69	125.0	25.3	37.9#
84	121.2	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 59.04 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

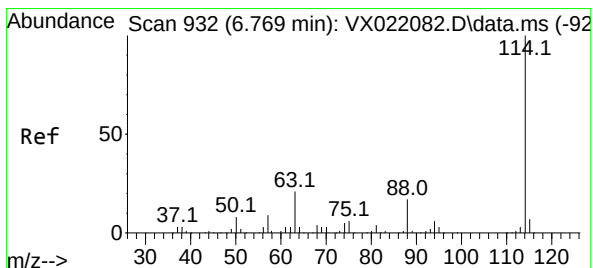
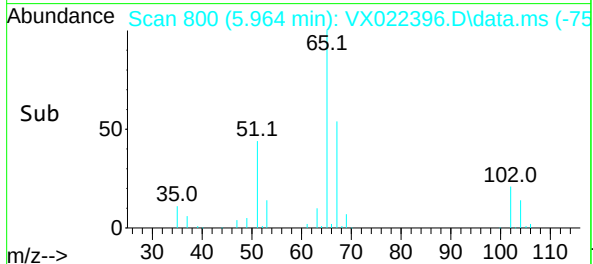
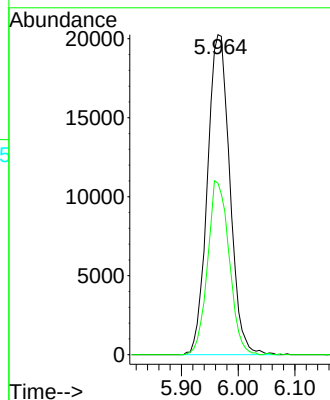
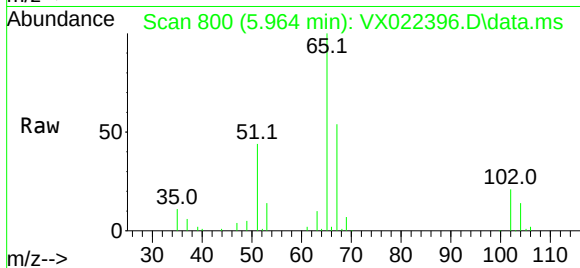
Lab File: VX022396.D

Acq: 04 Jun 2021 03:22

Tgt Ion: 65 Resp: 55478

Ion Ratio Lower Upper

65 100
67 52.3 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

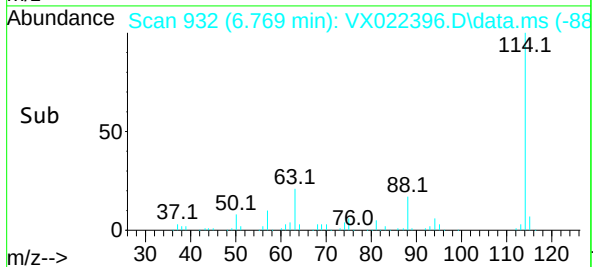
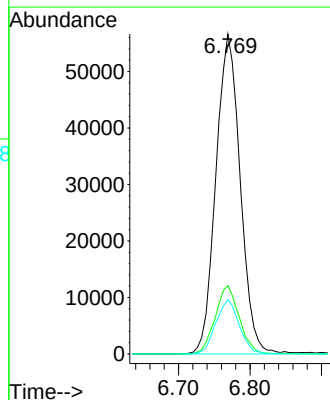
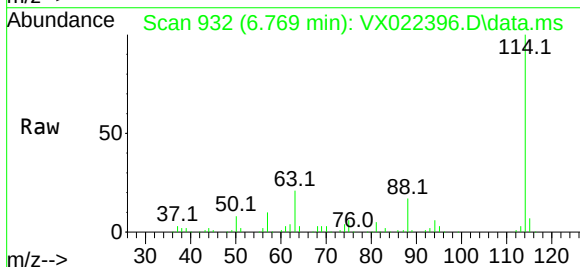
Lab File: VX022396.D

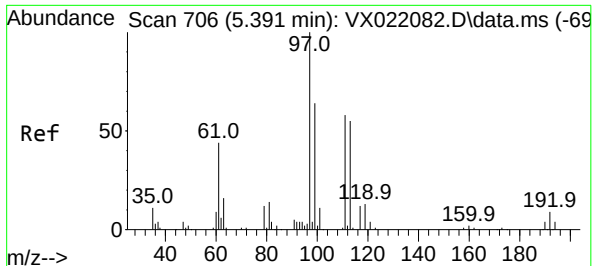
Acq: 04 Jun 2021 03:22

Tgt Ion: 114 Resp: 133481

Ion Ratio Lower Upper

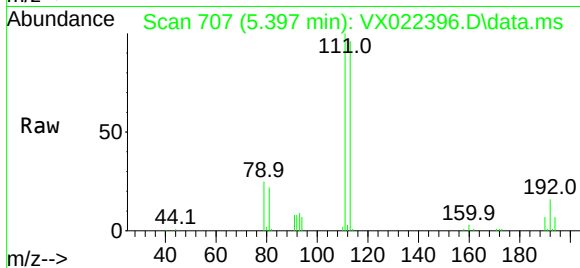
114 100
63 21.4 0.0 40.8
88 16.9 0.0 32.8



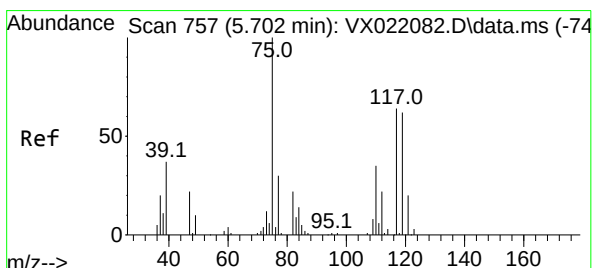
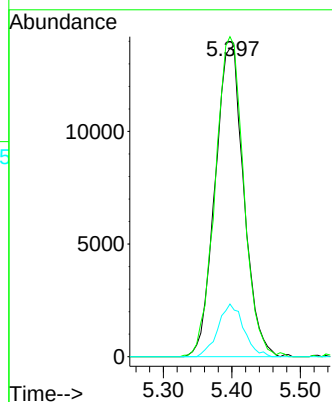
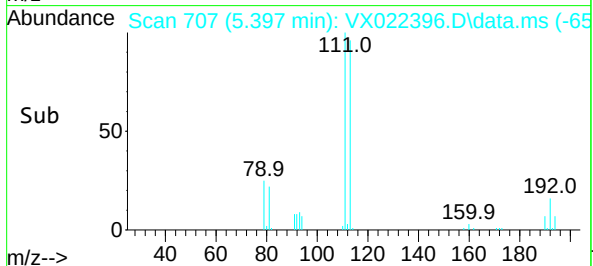


#35
Dibromofluoromethane
Concen: 47.38 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022396.D
Acq: 04 Jun 2021 03:22

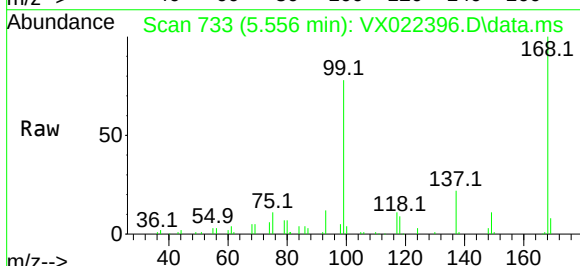
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#11



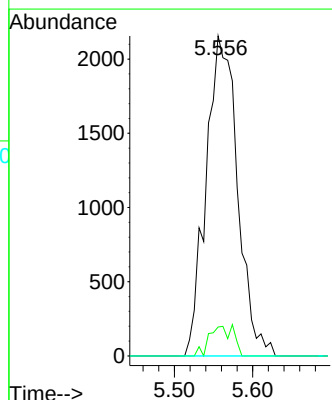
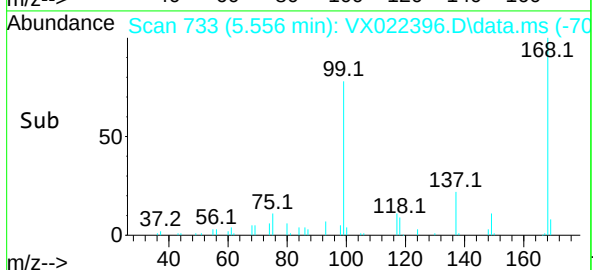
Tgt Ion:113 Resp: 40105
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 15.2 16.7 25.1#

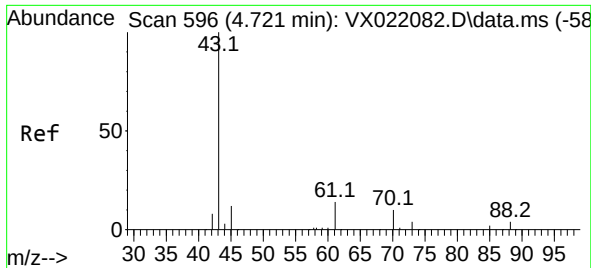


#36
1,1-Dichloropropene
Concen: 4.88 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022396.D
Acq: 04 Jun 2021 03:22



Tgt Ion: 75 Resp: 6018
Ion Ratio Lower Upper
75 100
110 7.2 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.24 ug/l

RT: 4.727 min Scan# 597

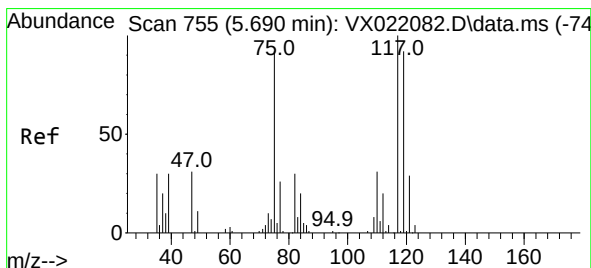
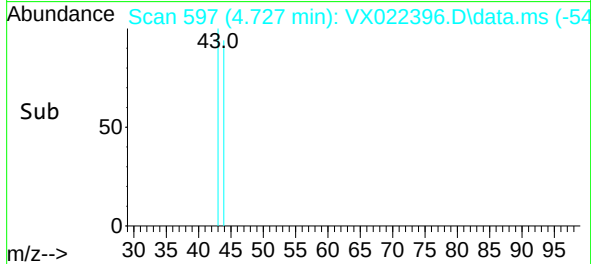
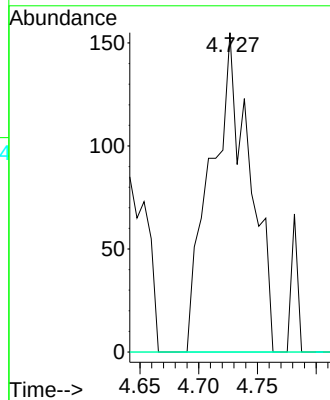
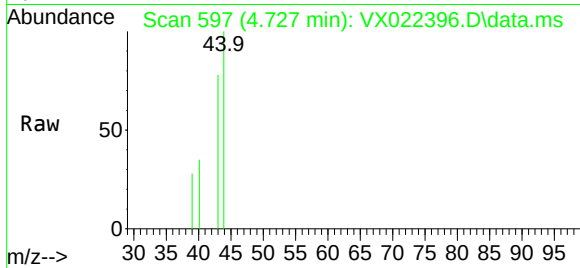
Delta R.T. 0.006 min

Lab File: VX022396.D

Acq: 04 Jun 2021 03:22

Tgt Ion:	43	Resp:	356
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#11



#38

Carbon Tetrachloride

Concen: 5.68 ug/l

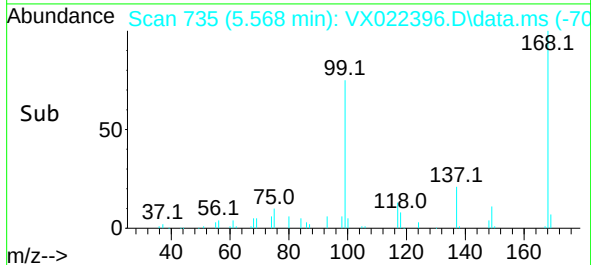
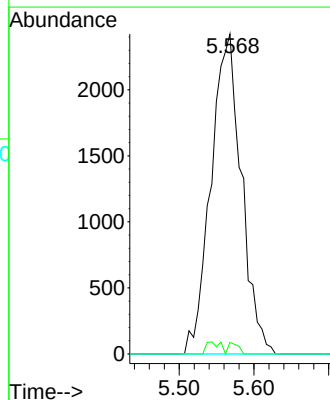
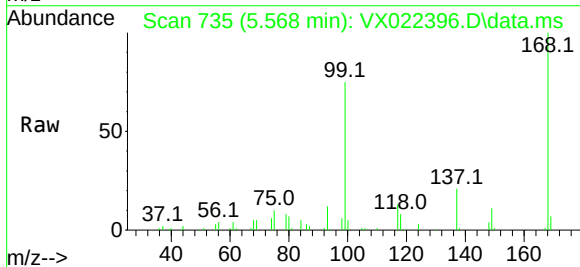
RT: 5.568 min Scan# 735

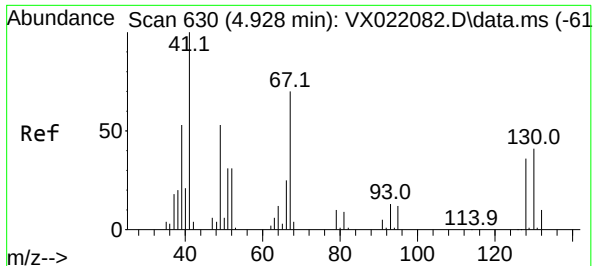
Delta R.T. -0.122 min

Lab File: VX022396.D

Acq: 04 Jun 2021 03:22

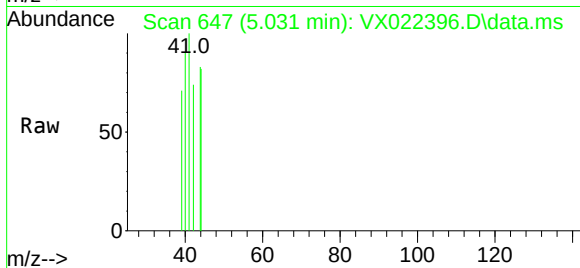
Tgt Ion:	117	Resp:	6860
Ion	Ratio	Lower	Upper
117	100		
119	3.6	76.2	114.2#
121	0.0	24.8	37.2#



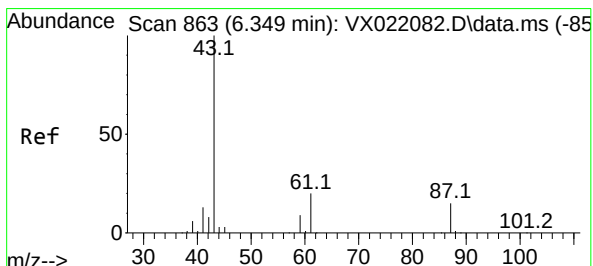
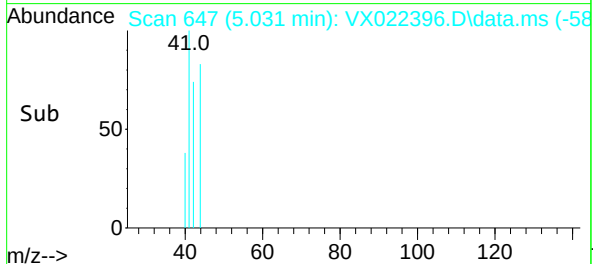
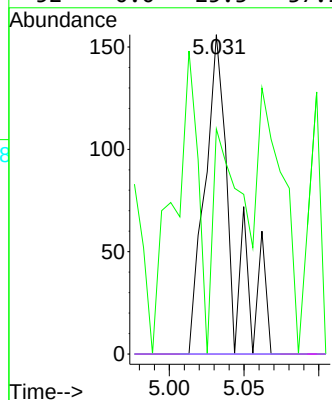


#41
Methacrylonitrile
Concen: 0.24 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.103 min
Lab File: VX022396.D
Acq: 04 Jun 2021 03:22

Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#11

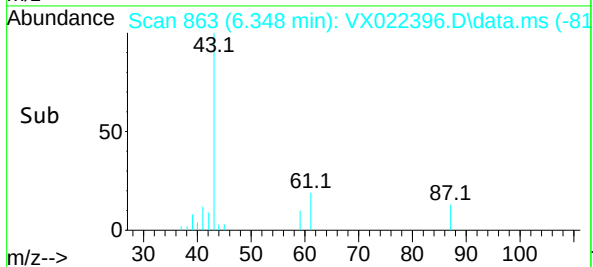
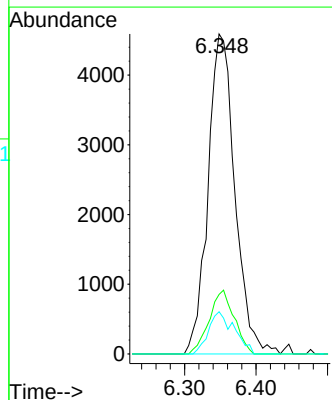
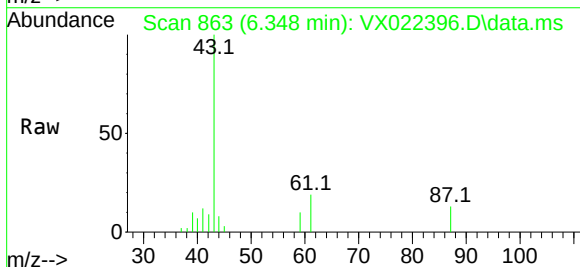


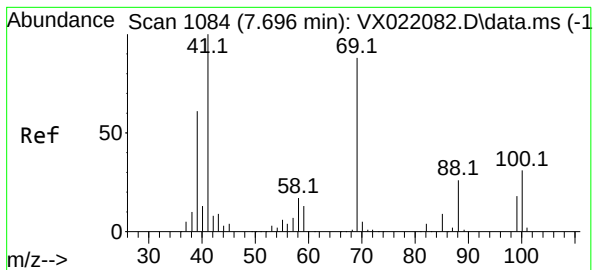
Tgt Ion:	41	Resp:	196
Ion	Ratio	Lower	Upper
41	100		
39	77.6	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 4.84 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022396.D
Acq: 04 Jun 2021 03:22

Tgt Ion:	43	Resp:	11986
Ion	Ratio	Lower	Upper
43	100		
61	18.6	18.2	27.4
87	12.6	12.5	18.7





#48

Methyl methacrylate

Concen: 2.55 ug/l

RT: 7.598 min Scan# 1068

Delta R.T. -0.098 min

Lab File: VX022396.D

Acq: 04 Jun 2021 03:22

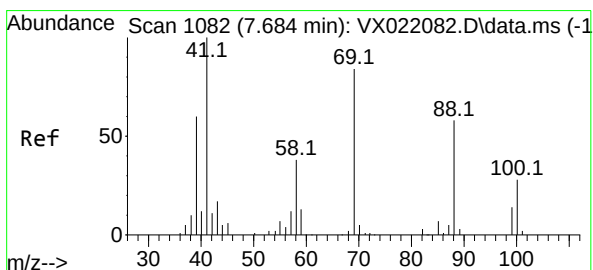
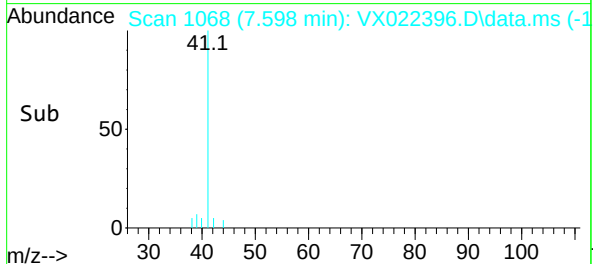
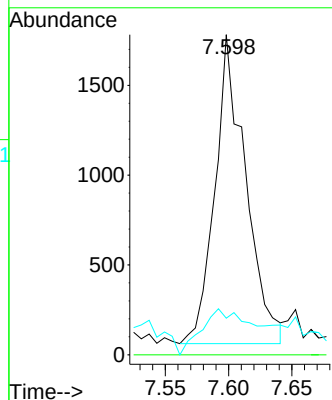
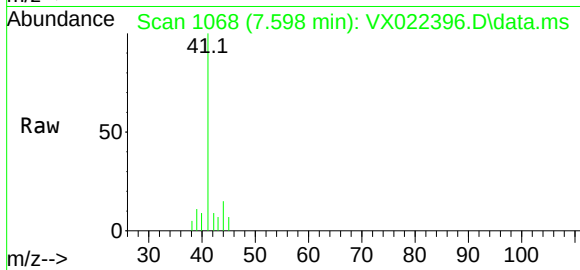
Tgt Ion: 41 Resp: 2906

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: 2.03 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.121 min

Lab File: VX022396.D

Acq: 04 Jun 2021 03:22

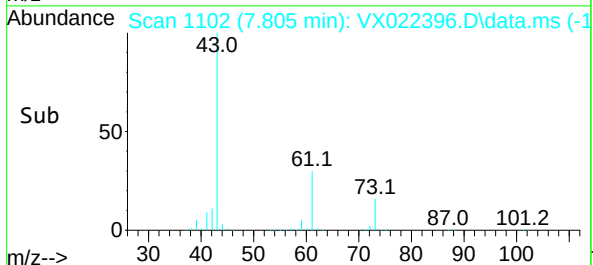
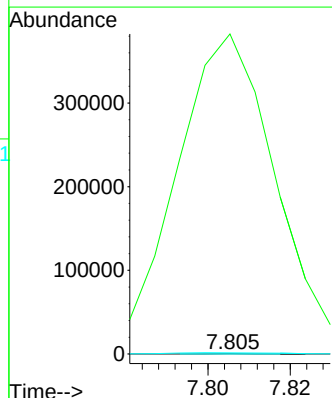
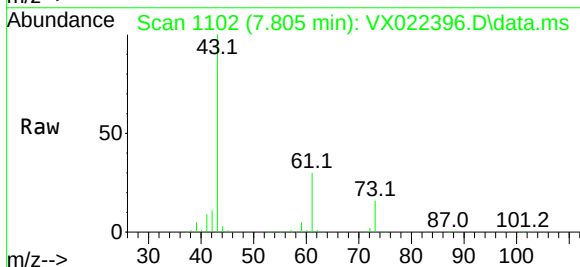
Tgt Ion: 88 Resp: 45

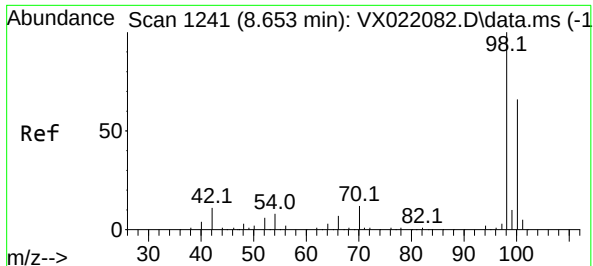
Ion Ratio Lower Upper

88 100

43 1459791.1 23.2 34.8#

58 6220.0 55.0 82.4#

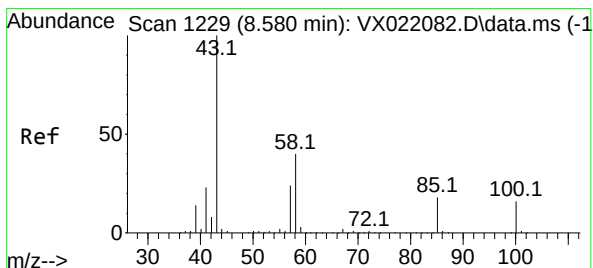
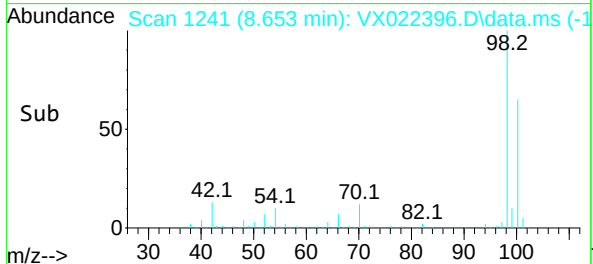
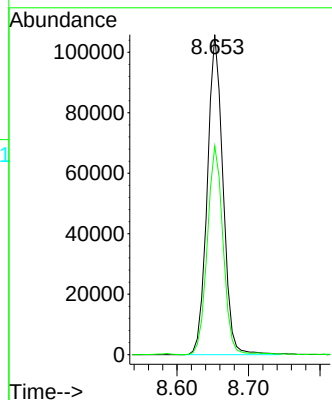
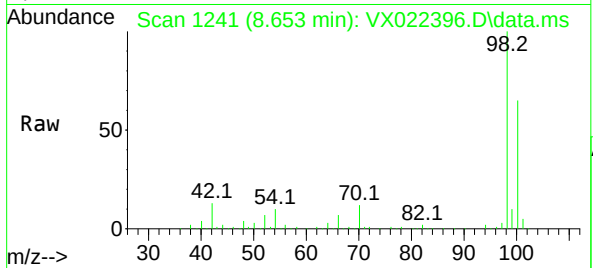




#50
Toluene-d8
Concen: 49.47 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022396.D
Acq: 04 Jun 2021 03:22

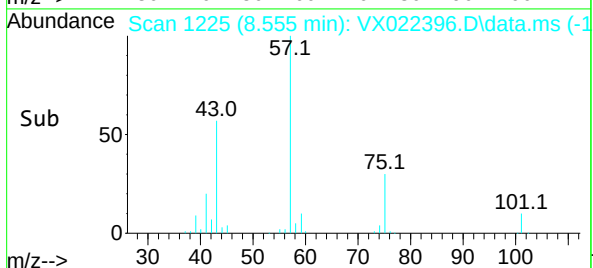
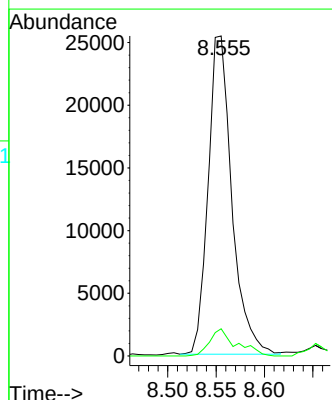
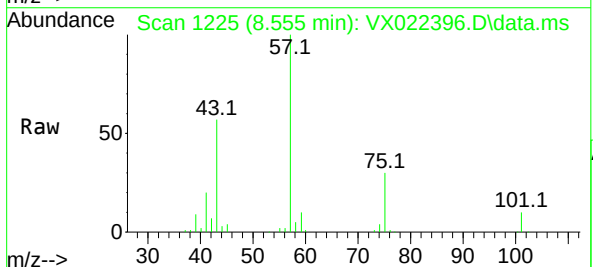
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#11

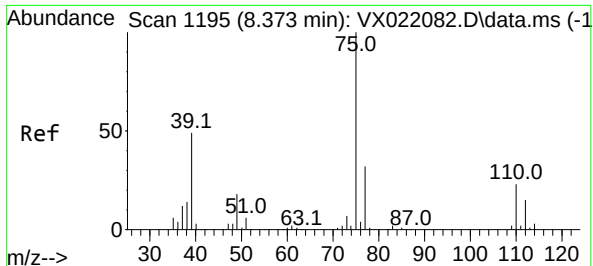
Tgt Ion: 98 Resp: 161295
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 29.26 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022396.D
Acq: 04 Jun 2021 03:22

Tgt Ion: 43 Resp: 43381
Ion Ratio Lower Upper
43 100
58 9.5 35.4 53.0#

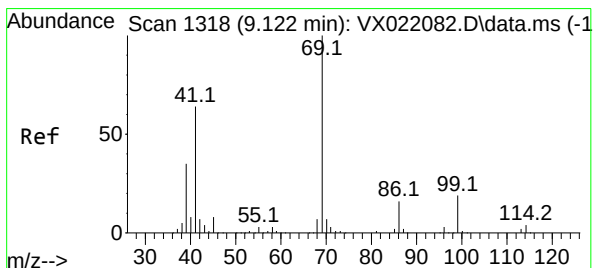
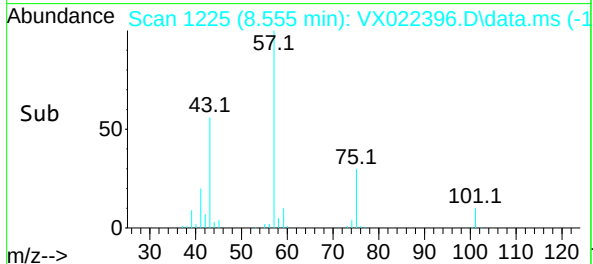
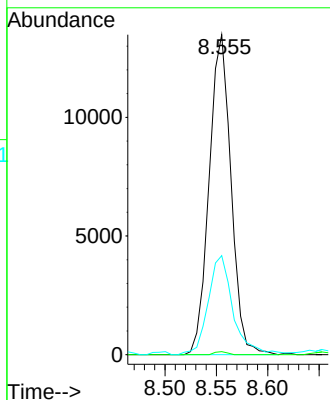
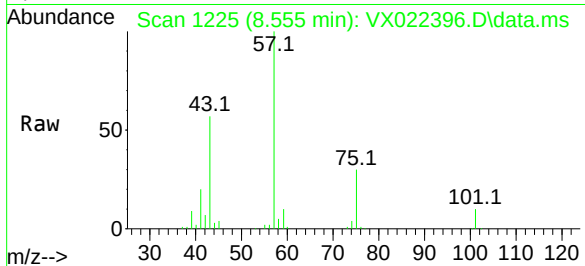




#54
cis-1,3-Dichloropropene
Concen: 12.20 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022396.D
Acq: 04 Jun 2021 03:22

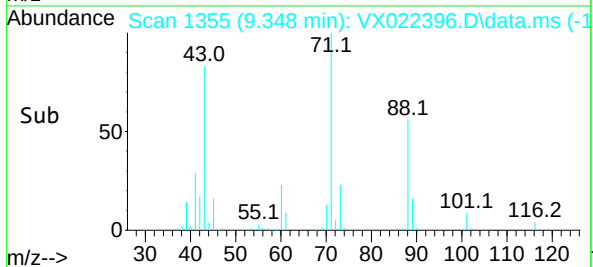
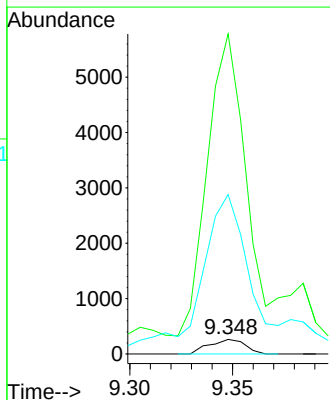
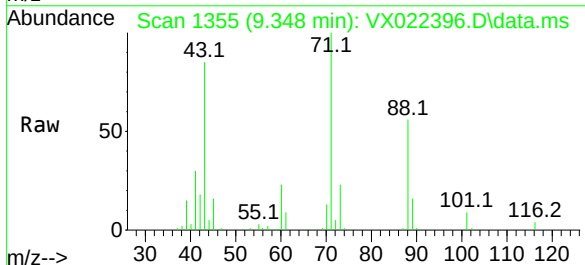
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#11

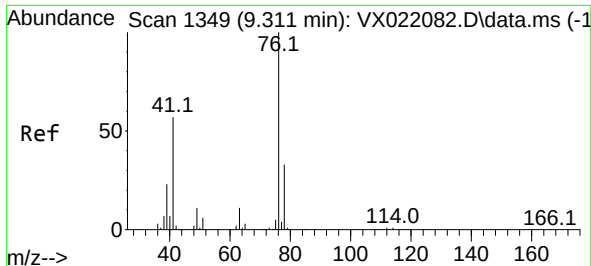
Tgt Ion: 75 Resp: 19916
Ion Ratio Lower Upper
75 100
77 1.0 25.7 38.5#
39 30.9 35.1 52.7#



#56
Ethyl methacrylate
Concen: 0.20 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. 0.226 min
Lab File: VX022396.D
Acq: 04 Jun 2021 03:22

Tgt Ion: 69 Resp: 321
Ion Ratio Lower Upper
69 100
41 2234.3 46.8 70.2#
39 1281.0 24.7 37.1#





#57

1,3-Dichloropropane

Concen: 6.93 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.177 min

Lab File: VX022396.D

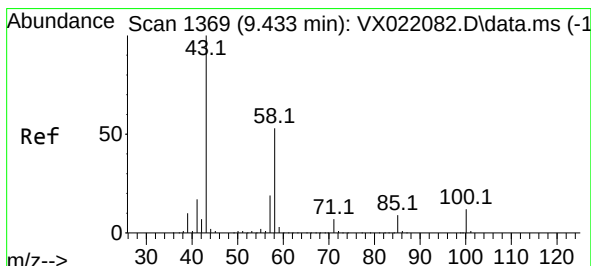
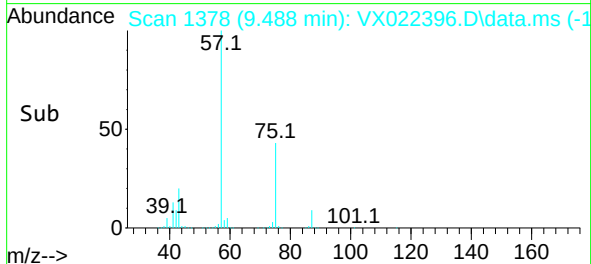
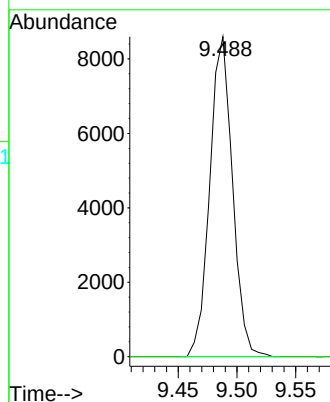
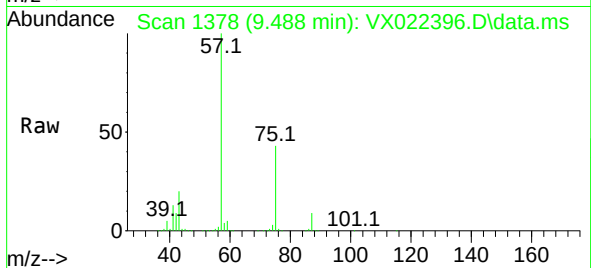
Acq: 04 Jun 2021 03:22

Tgt Ion: 76 Resp: 11552

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.2#



#59

2-Hexanone

Concen: 138.07 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX022396.D

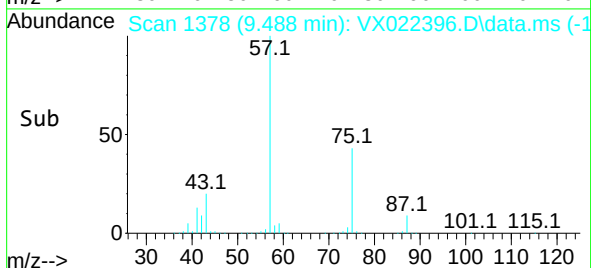
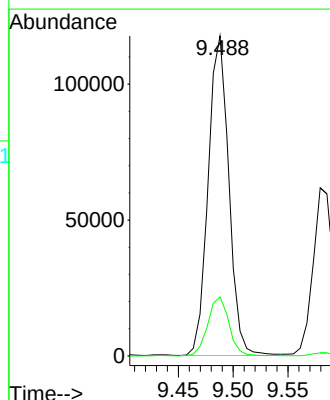
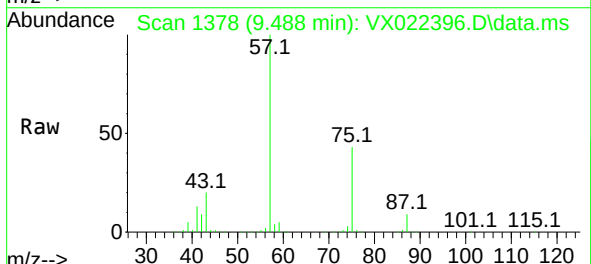
Acq: 04 Jun 2021 03:22

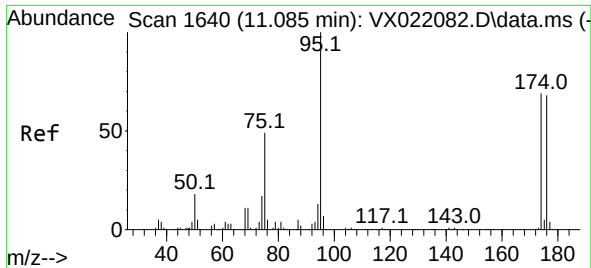
Tgt Ion: 43 Resp: 153945

Ion Ratio Lower Upper

43 100

58 19.1 30.9 92.8#

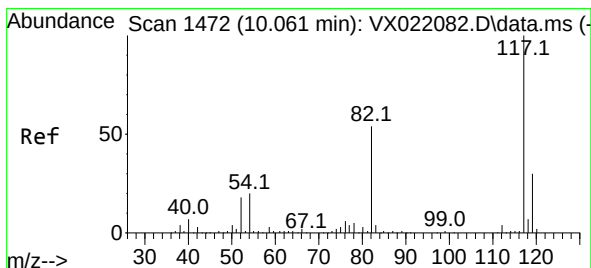
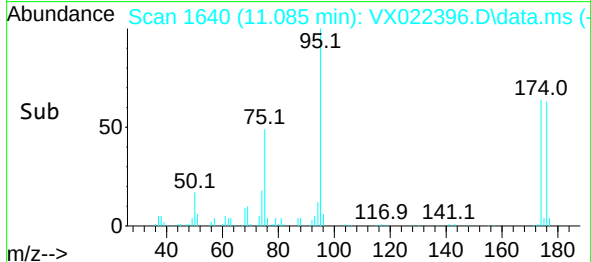
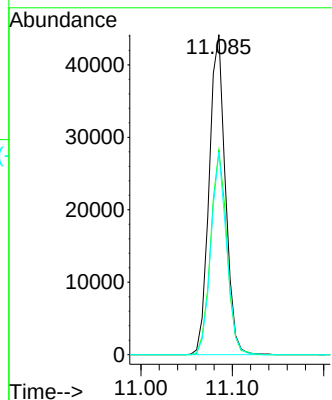
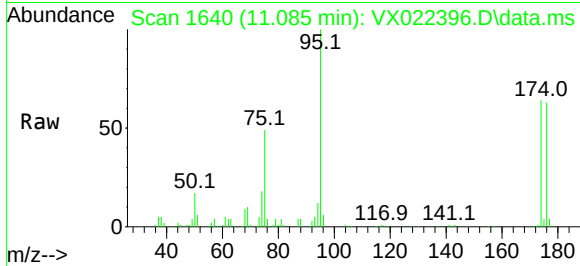




#62
4-Bromofluorobenzene
Concen: 44.95 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022396.D
Acq: 04 Jun 2021 03:22

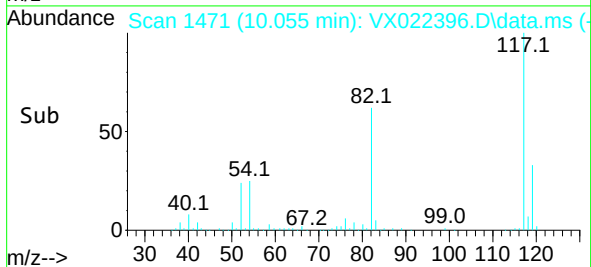
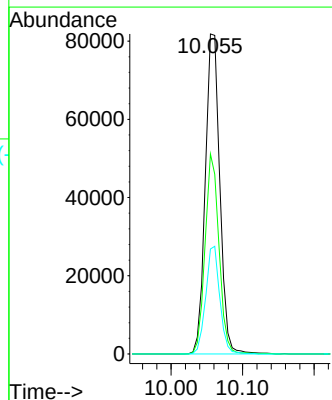
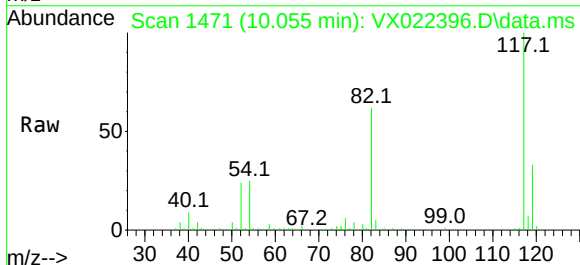
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#11

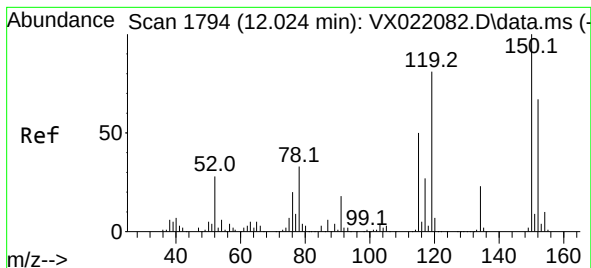
Tgt Ion:	95	Resp:	54179
Ion	Ratio	Lower	Upper
95	100		
174	63.6	0.0	154.6
176	61.4	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022396.D
Acq: 04 Jun 2021 03:22

Tgt Ion:	117	Resp:	115564
Ion	Ratio	Lower	Upper
117	100		
82	62.5	47.4	71.2
119	32.8	26.6	39.8

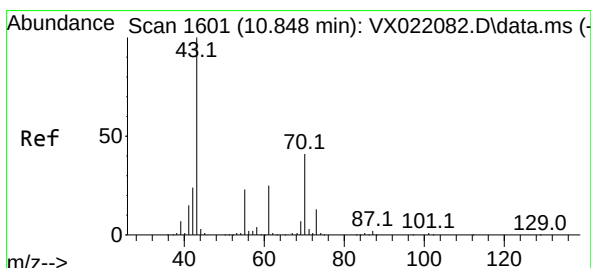
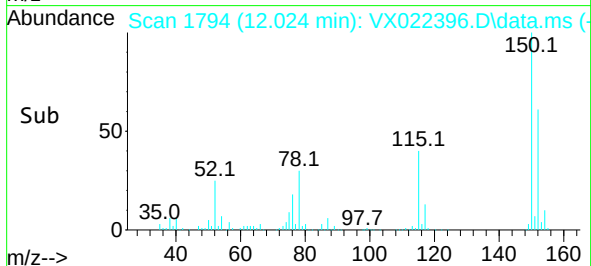
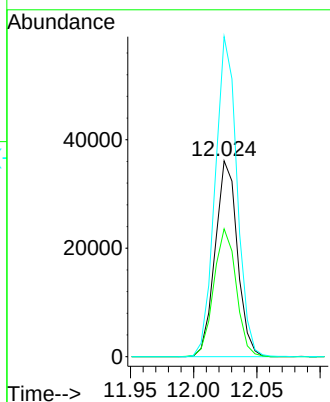
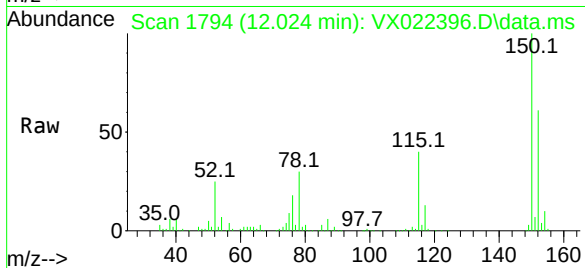




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022396.D
 Acq: 04 Jun 2021 03:22

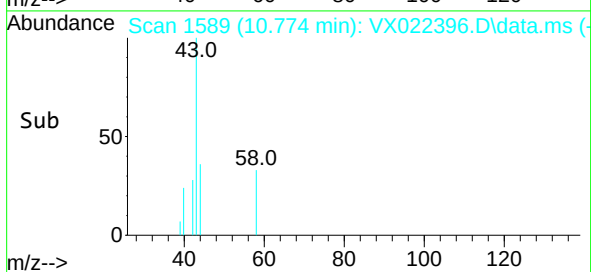
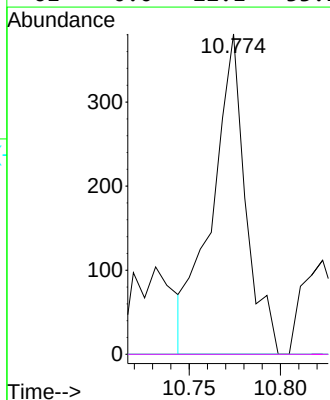
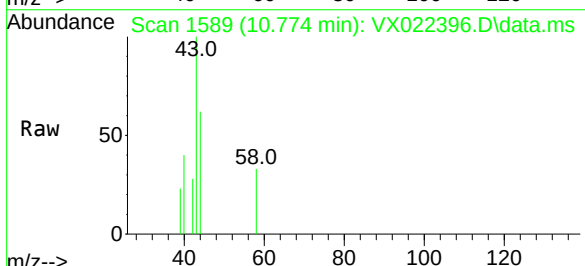
Instrument :
 MSVOA_X
 ClientSampleId :
 PB36780ZHE#11

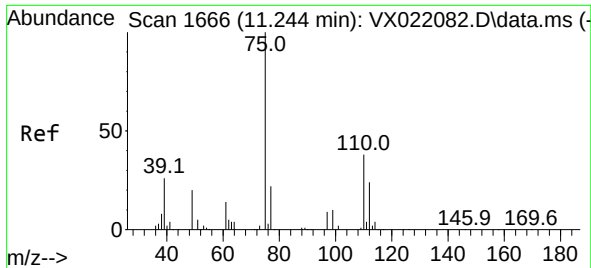
Tgt Ion:152 Resp: 44017
 Ion Ratio Lower Upper
 152 100
 115 65.9 41.1 123.3
 150 161.2 0.0 349.0



#74
 N-ethyl acetate
 Concen: 0.28 ug/l
 RT: 10.774 min Scan# 1589
 Delta R.T. -0.074 min
 Lab File: VX022396.D
 Acq: 04 Jun 2021 03:22

Tgt Ion: 43 Resp: 490
 Ion Ratio Lower Upper
 43 100
 70 0.0 39.0 58.6#
 55 0.0 21.5 32.3#
 61 0.0 22.1 33.1#

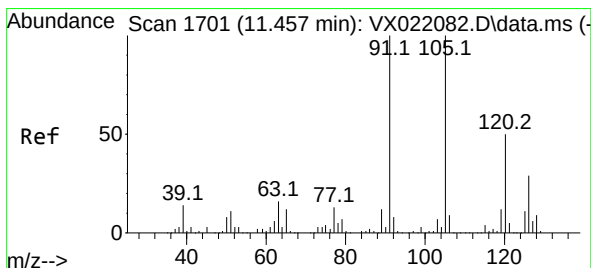
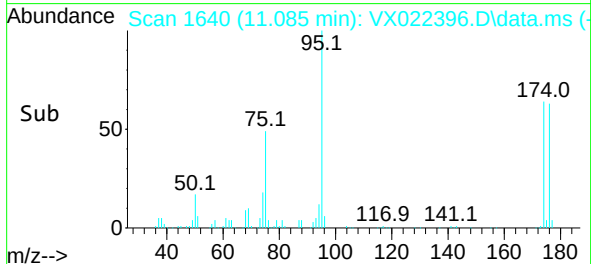
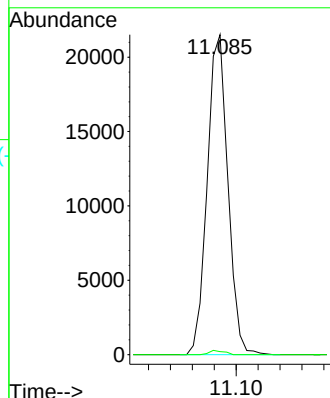
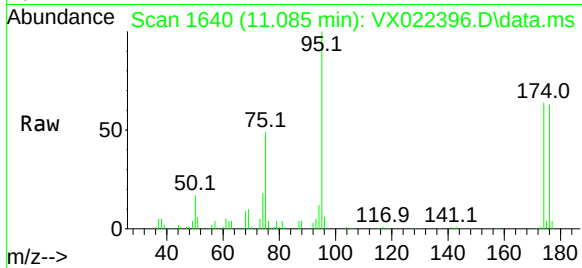




#76
1,2,3-Trichloropropane
Concen: 25.89 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022396.D
Acq: 04 Jun 2021 03:22

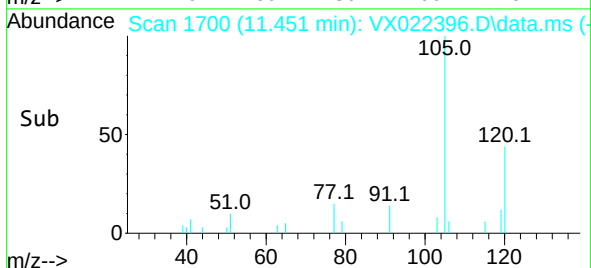
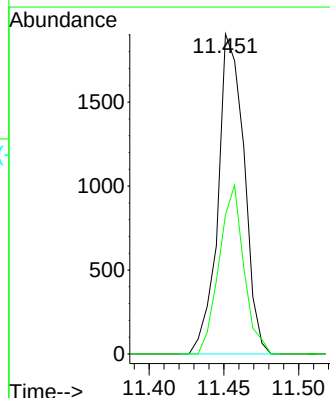
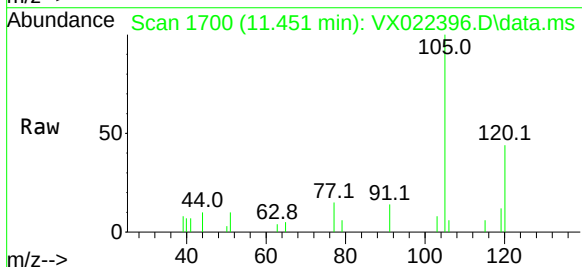
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#11

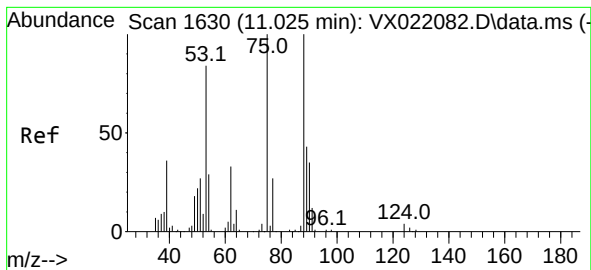
Tgt Ion: 75 Resp: 28109
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.75 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022396.D
Acq: 04 Jun 2021 03:22

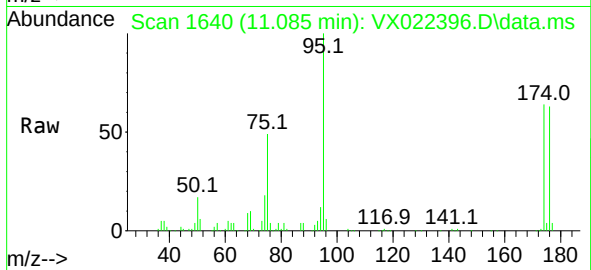
Tgt Ion: 105 Resp: 2309
Ion Ratio Lower Upper
105 100
120 50.0 23.8 71.5





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.33 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022396.D
 Acq: 04 Jun 2021 03:22

Instrument :
 MSVOA_X
 ClientSampleId :
 PB36780ZHE#11



Tgt Ion:	75	Resp:	28109
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.1	37.9	56.9#

