

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044961.D
 Acq On : 14 Feb 2025 15:06
 Operator : JC/MD
 Sample : Q1353-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 14 15:32:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

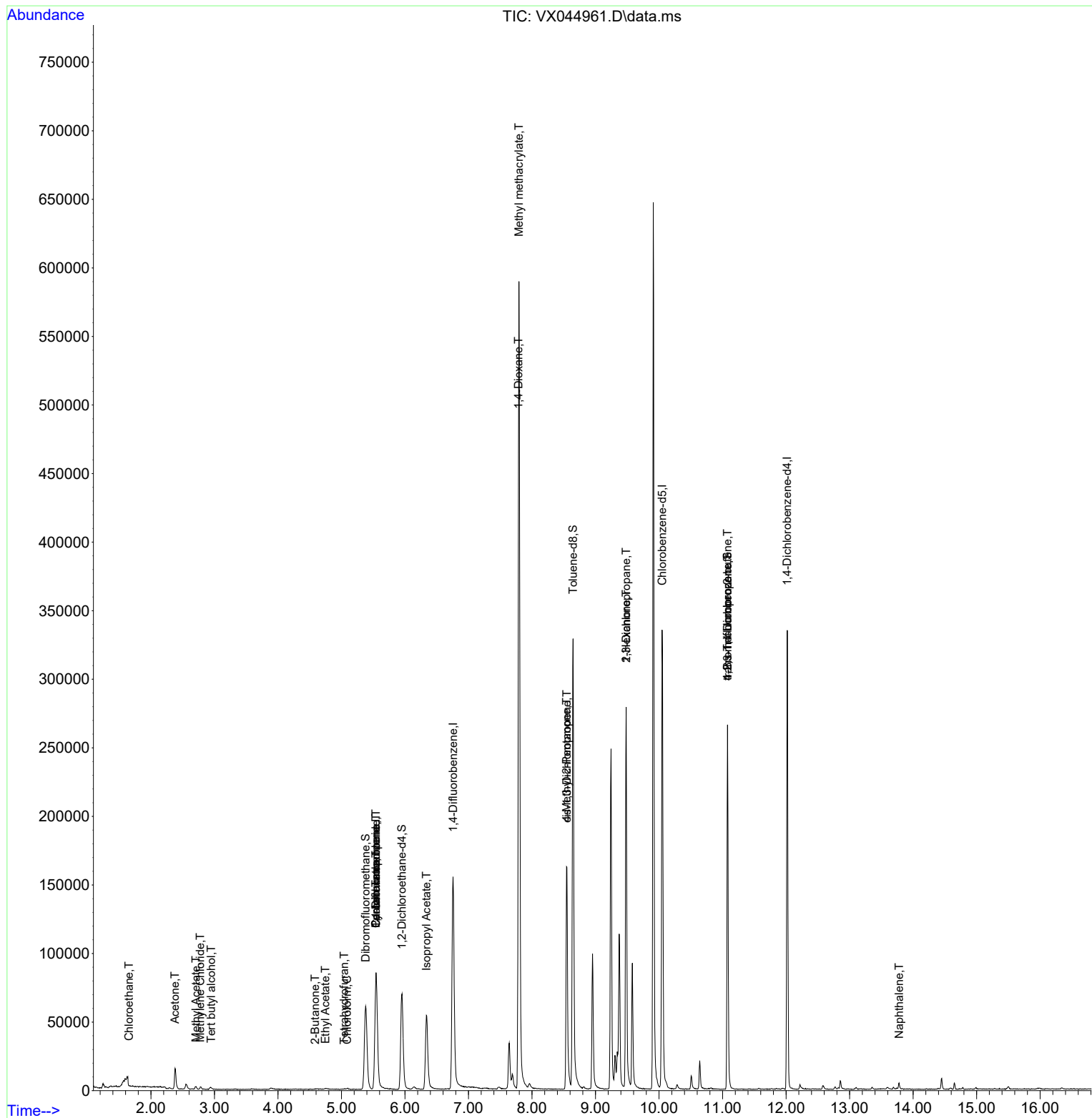
Internal Standards						
1) Pentafluorobenzene	5.544	168	79524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	162808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	149363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63994	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66793	57.38	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.76%			
35) Dibromofluoromethane	5.379	113	54538	51.52	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.04%			
50) Toluene-d8	8.647	98	204055	50.98	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.96%			
62) 4-Bromofluorobenzene	11.079	95	69358	51.40	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.80%			
Target Compounds					Qvalue	
6) Chloroethane	1.654	64	46	1.41	ug/l #	42
11) Tert butyl alcohol	2.946	59	784	3.63	ug/l #	73
16) Acetone	2.380	43	16561	35.39	ug/l	93
18) Methyl Acetate	2.709	43	2991	2.03	ug/l #	86
20) Methylene Chloride	2.776	84	785	0.68	ug/l	91
25) 2-Butanone	4.586	43	523	0.69	ug/l #	48
29) Tetrahydrofuran	5.044	42	432	0.86	ug/l #	33
30) Chloroform	5.086	83	837	0.44	ug/l	86
31) Cyclohexane	5.544	56	1940	1.07	ug/l #	25
36) 1,1-Dichloropropene	5.544	75	7053	4.62	ug/l #	46
37) Ethyl Acetate	4.745	43	1854	1.09	ug/l #	81
38) Carbon Tetrachloride	5.544	117	8665	5.79	ug/l #	15
43) Isopropyl Acetate	6.336	43	79510	28.99	ug/l	98
48) Methyl methacrylate	7.793	41	53598	41.44	ug/l #	42
49) 1,4-Dioxane	7.787	88	32	1.15	ug/l #	1
51) 4-Methyl-2-Pentanone	8.543	43	63720	38.21	ug/l #	46
54) cis-1,3-Dichloropropene	8.549	75	28099	15.63	ug/l #	62
57) 1,3-Dichloropropane	9.482	76	2577	1.35	ug/l #	42
59) 2-Hexanone	9.482	43	35801	29.80	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	37346	26.32	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	37346	67.71	ug/l #	11
95) Naphthalene	13.780	128	3254	0.70	ug/l	97

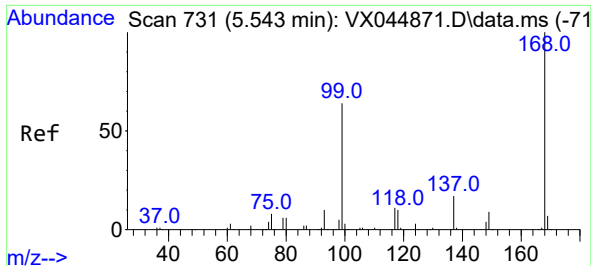
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
Data File : VX044961.D
Acq On : 14 Feb 2025 15:06
Operator : JC/MD
Sample : Q1353-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

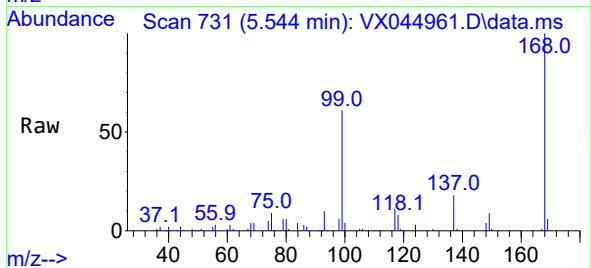
Quant Time: Feb 14 15:32:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration



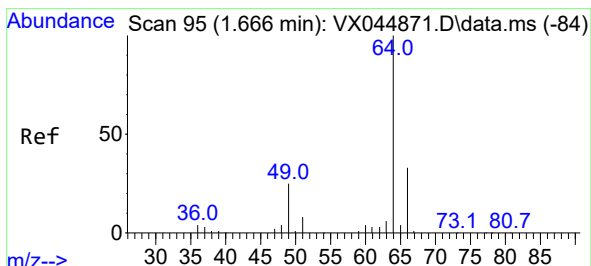
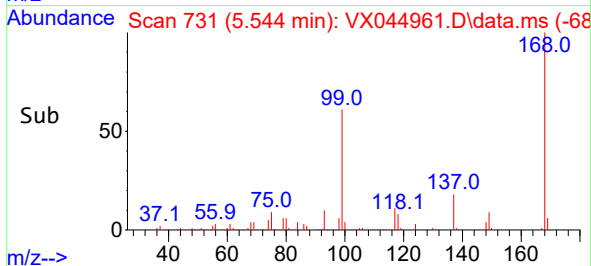
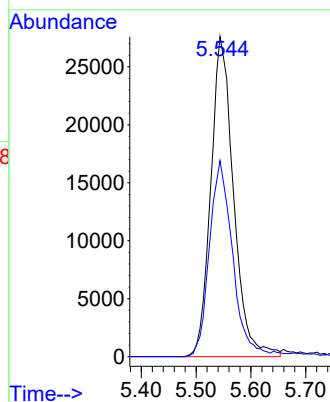


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :

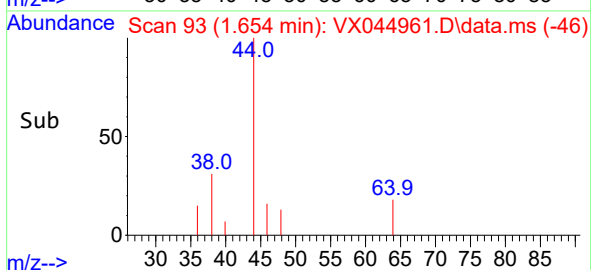
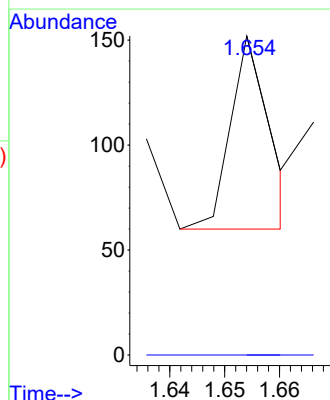
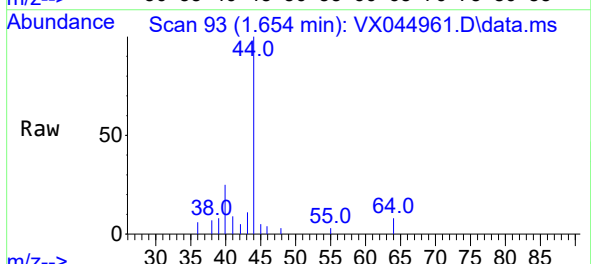


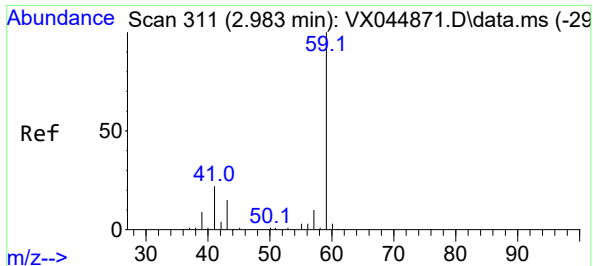
Tgt Ion:168 Resp: 79524
Ion Ratio Lower Upper
168 100
99 61.2 51.2 76.8



#6
Chloroethane
Concen: 1.41 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.012 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

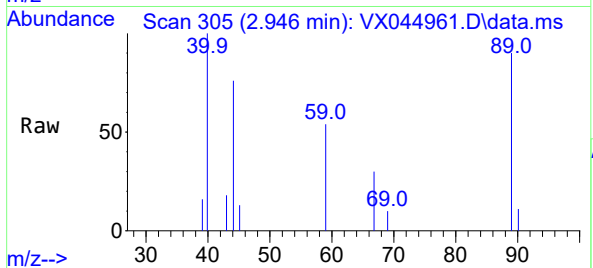
Tgt Ion: 64 Resp: 46
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



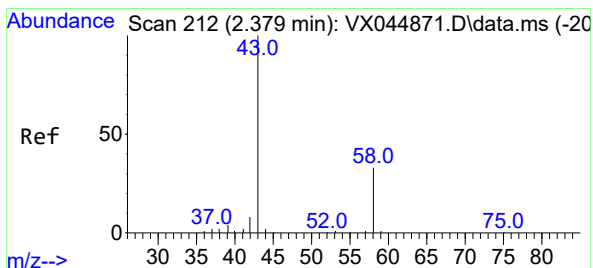
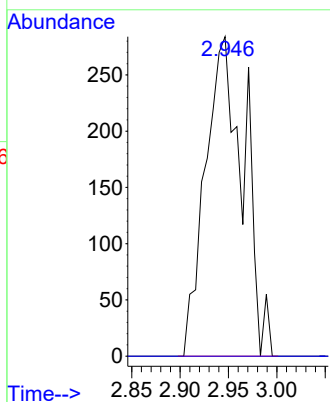
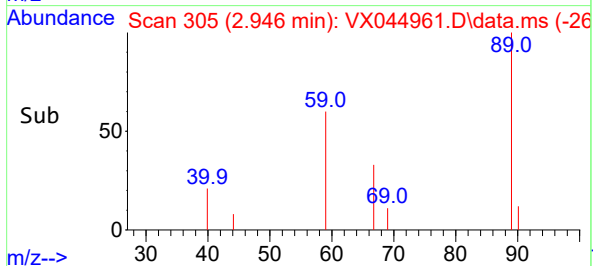


#11
Tert butyl alcohol
Concen: 3.63 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :

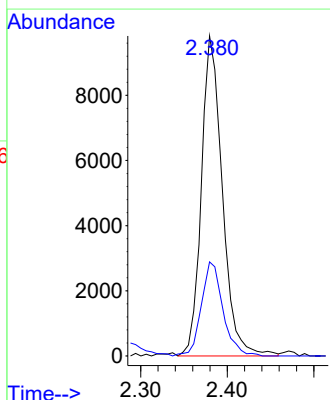
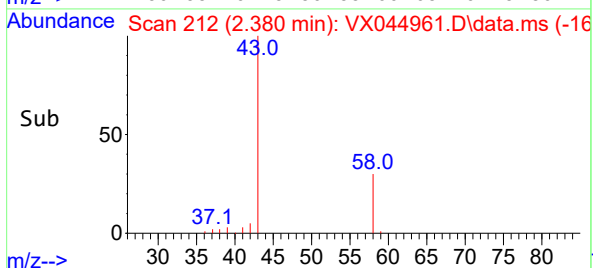
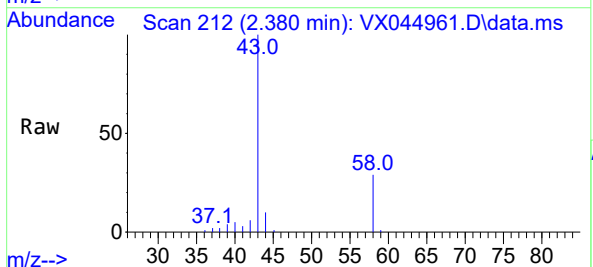


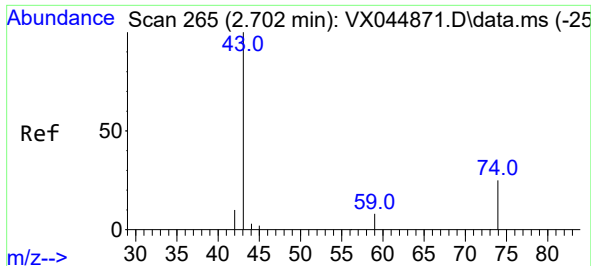
Tgt Ion: 59 Resp: 784
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 35.39 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

Tgt Ion: 43 Resp: 16561
Ion Ratio Lower Upper
43 100
58 29.4 26.5 39.7

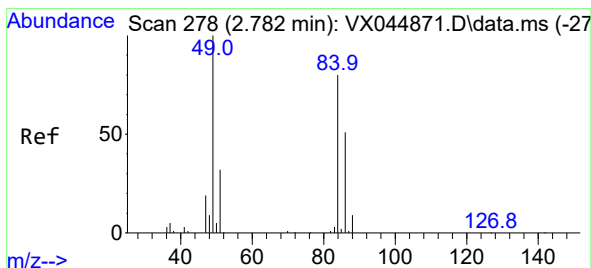
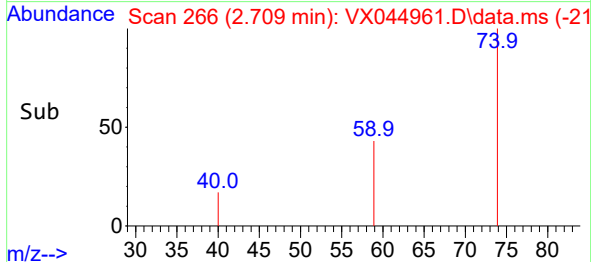
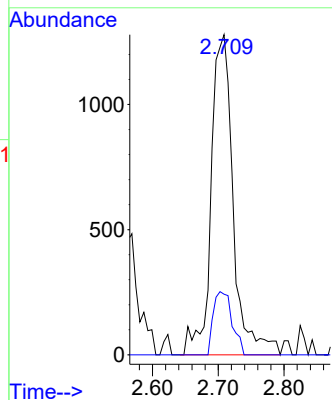
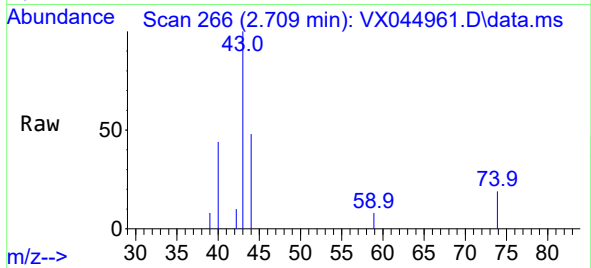




#18
Methyl Acetate
Concen: 2.03 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

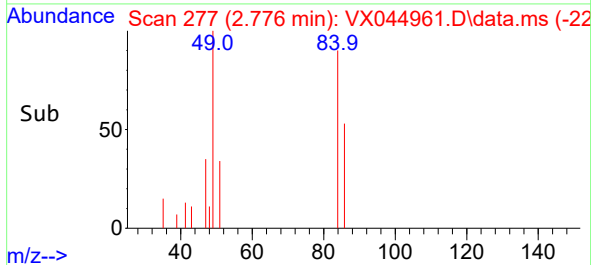
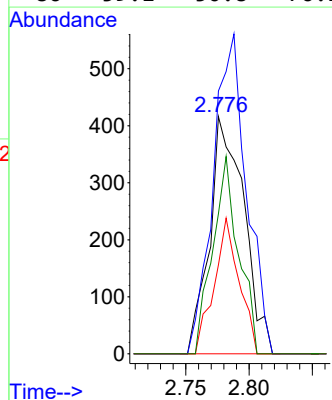
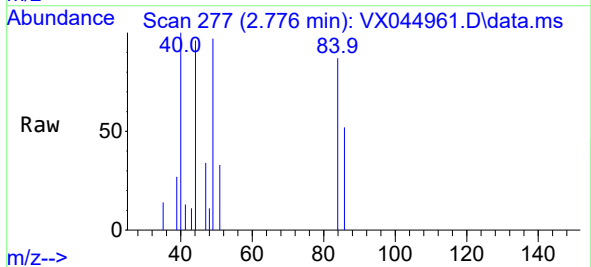
Instrument :
MSVOA_X
ClientSampleId :

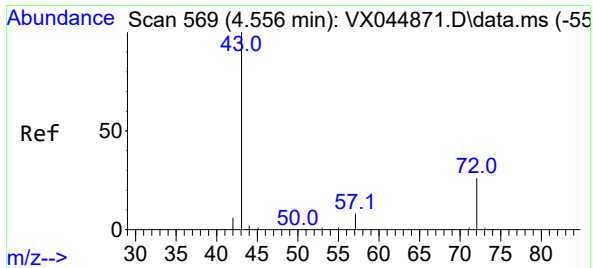
Tgt Ion: 43 Resp: 2991
Ion Ratio Lower Upper
43 100
74 16.8 18.9 28.3#



#20
Methylene Chloride
Concen: 0.68 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

Tgt Ion: 84 Resp: 785
Ion Ratio Lower Upper
84 100
49 110.8 100.1 150.1
51 37.5 31.7 47.5
86 59.1 50.8 76.2

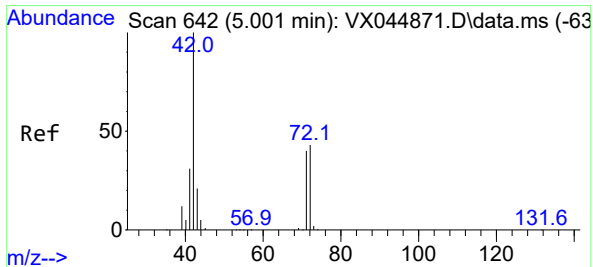
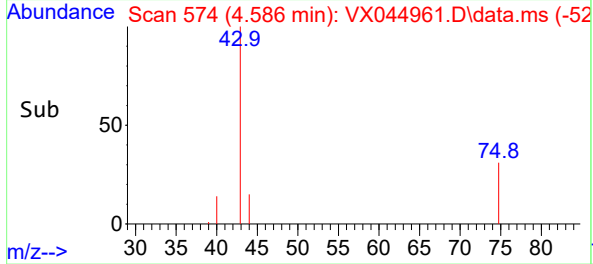
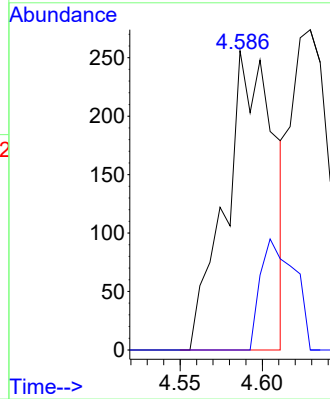
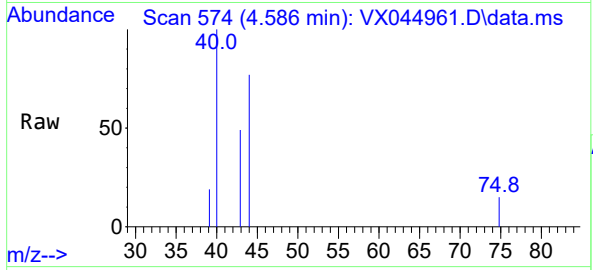




#25
2-Butanone
Concen: 0.69 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

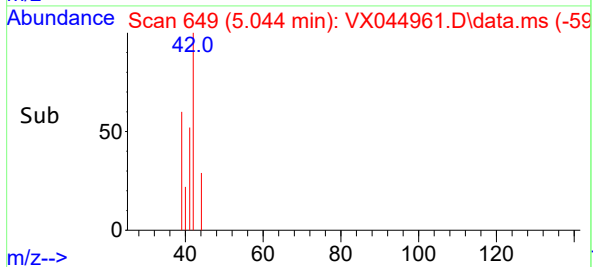
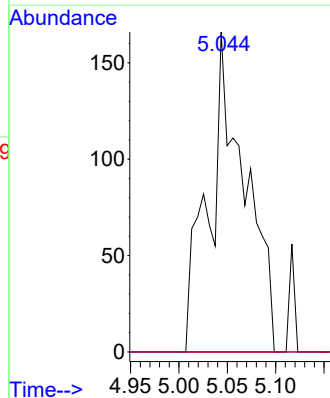
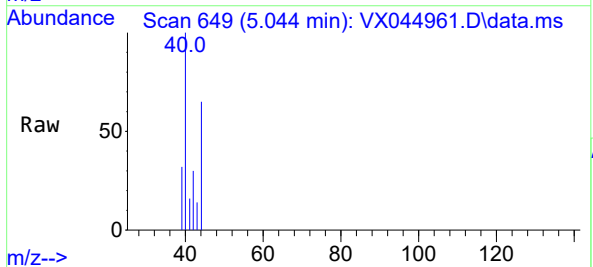
Instrument :
MSVOA_X
ClientSampleId :

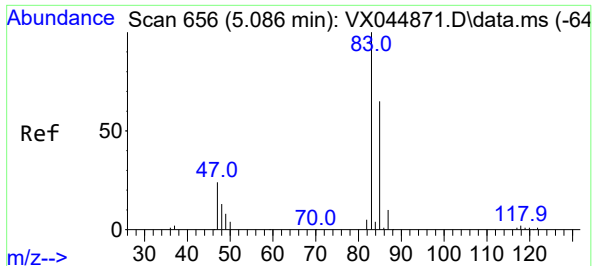
Tgt Ion: 43 Resp: 523
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#



#29
Tetrahydrofuran
Concen: 0.86 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.043 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

Tgt Ion: 42 Resp: 432
Ion Ratio Lower Upper
42 100
72 0.0 35.0 52.4#
71 0.0 32.6 48.8#





#30

Chloroform

Concen: 0.44 ug/l

RT: 5.086 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX044961.D

Acq: 14 Feb 2025 15:06

Instrument :

MSVOA_X

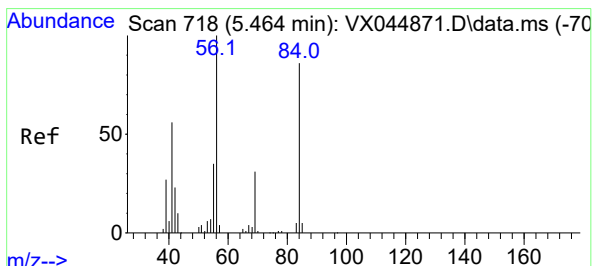
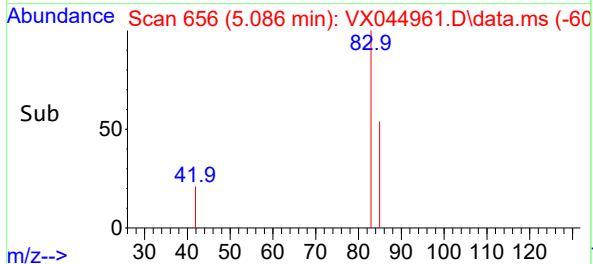
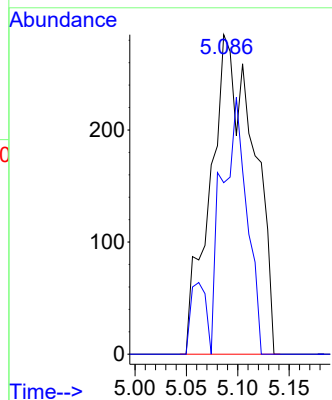
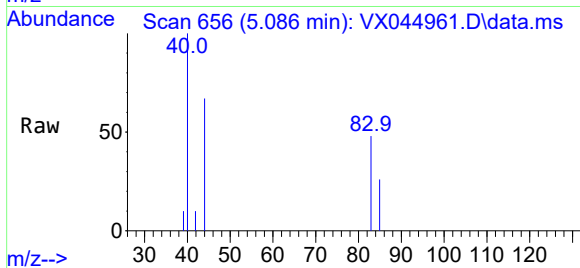
ClientSampleId :

Tgt Ion: 83 Resp: 837

Ion Ratio Lower Upper

83 100

85 53.7 52.1 78.1



#31

Cyclohexane

Concen: 1.07 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX044961.D

Acq: 14 Feb 2025 15:06

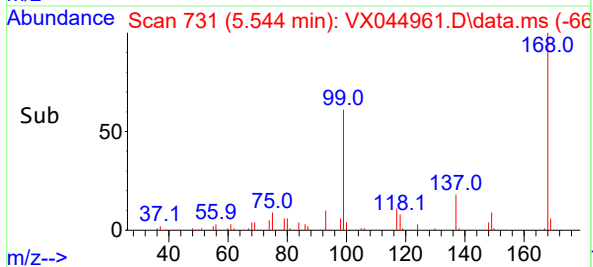
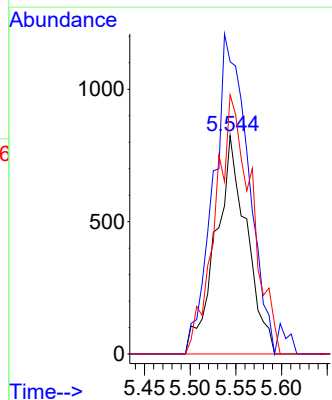
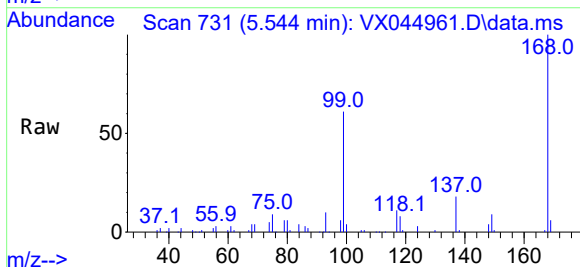
Tgt Ion: 56 Resp: 1940

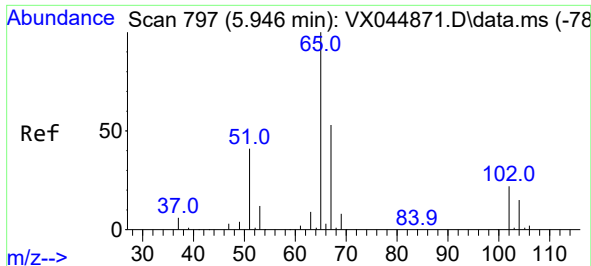
Ion Ratio Lower Upper

56 100

69 133.8 24.4 36.6#

84 118.7 69.0 103.6#

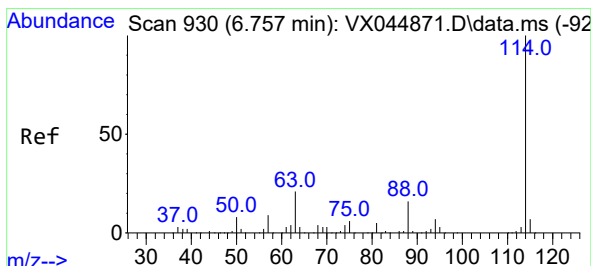
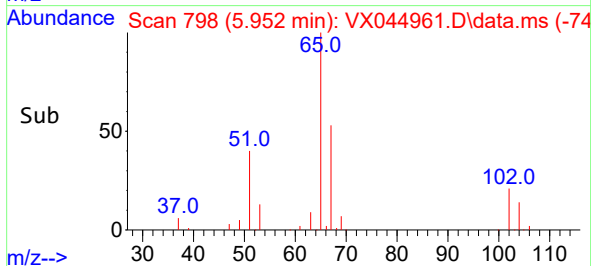
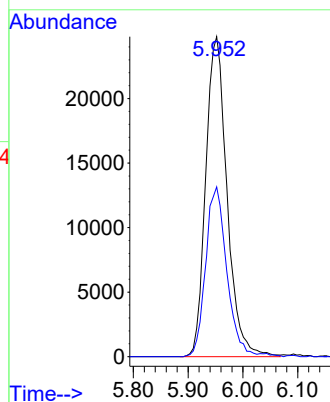
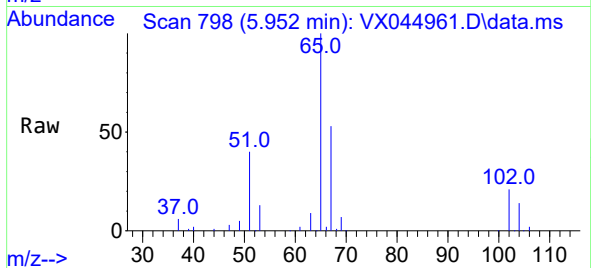




#33
1,2-Dichloroethane-d4
Concen: 57.38 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

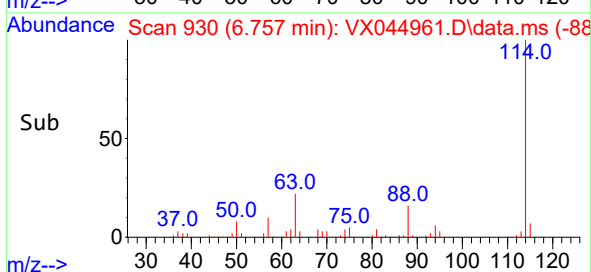
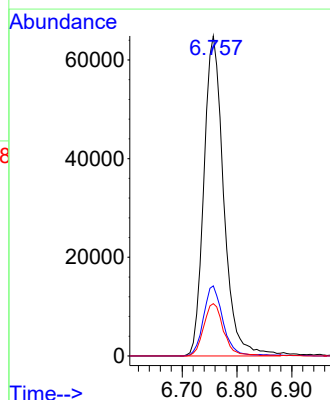
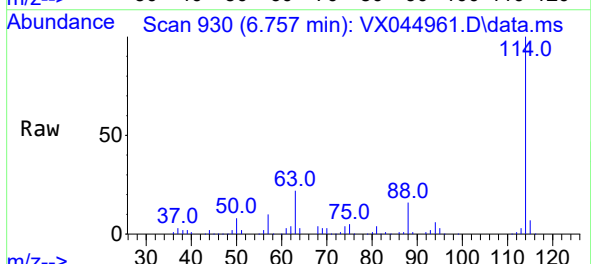
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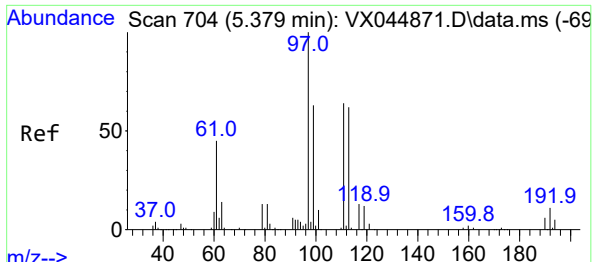
Tgt Ion: 65 Resp: 66793
Ion Ratio Lower Upper
65 100
67 52.4 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

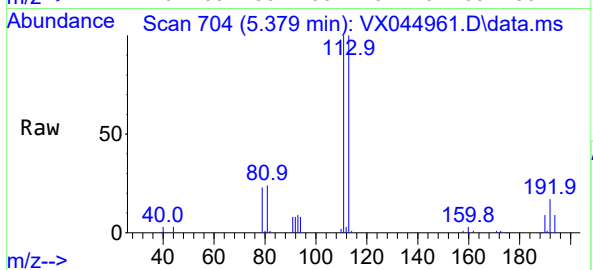
Tgt Ion: 114 Resp: 162808
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.4
88 16.3 0.0 31.4



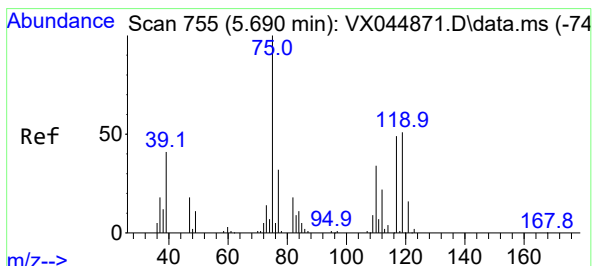
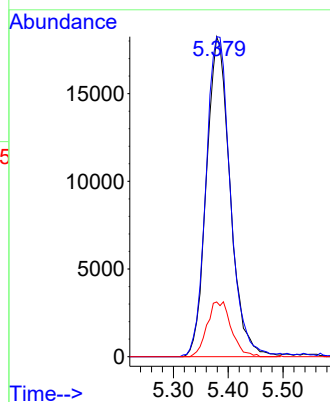
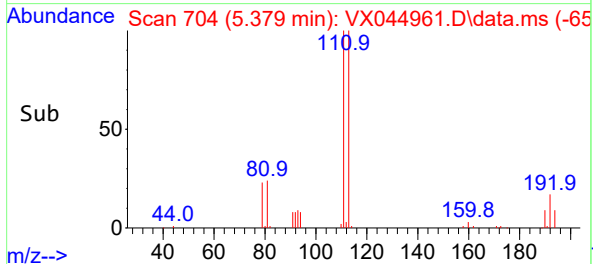


#35
Dibromofluoromethane
Concen: 51.52 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

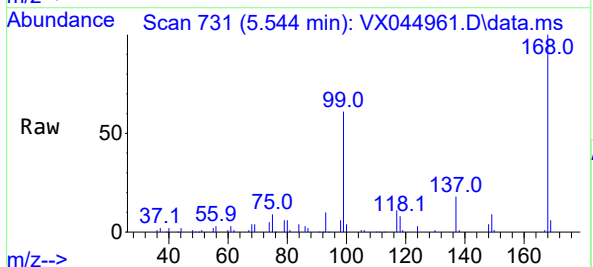
Instrument :
MSVOA_X
ClientSampleId :



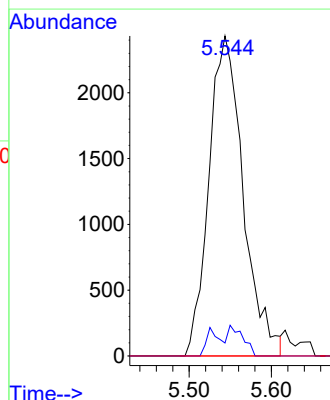
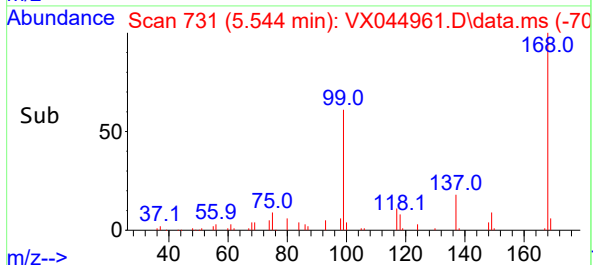
Tgt Ion:113 Resp: 54538
Ion Ratio Lower Upper
113 100
111 103.2 83.5 125.3
192 17.5 14.4 21.6

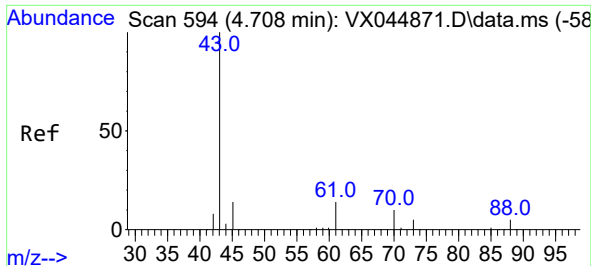


#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06



Tgt Ion: 75 Resp: 7053
Ion Ratio Lower Upper
75 100
110 4.2 17.2 51.6#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 1.09 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.037 min

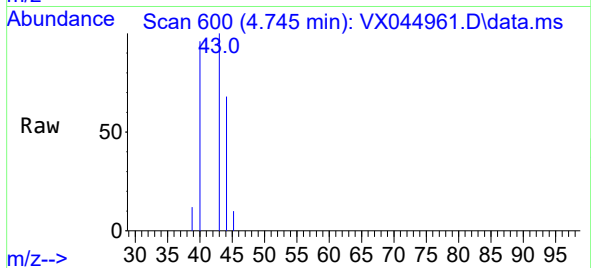
Lab File: VX044961.D

Acq: 14 Feb 2025 15:06

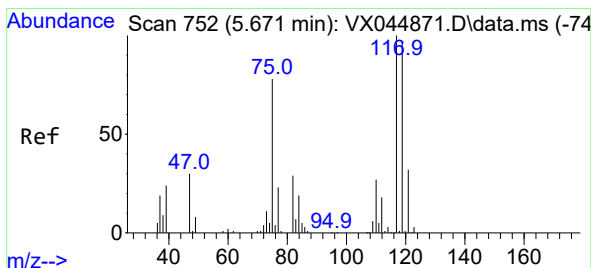
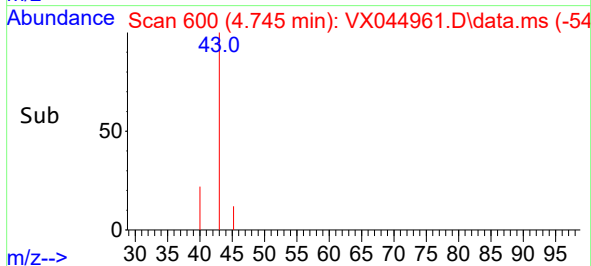
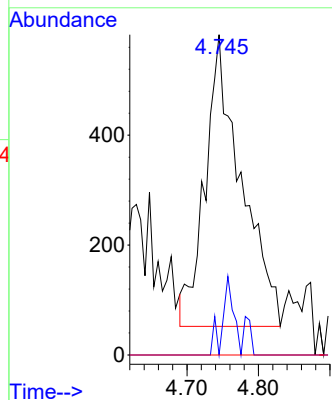
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	1854
Ion	Ratio	Lower	Upper
43	100		
61	8.5	11.0	16.4#
70	0.0	8.2	12.2#



#38

Carbon Tetrachloride

Concen: 5.79 ug/l

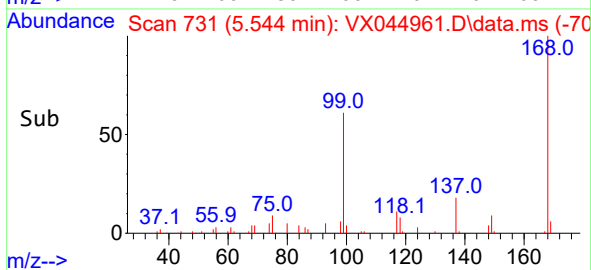
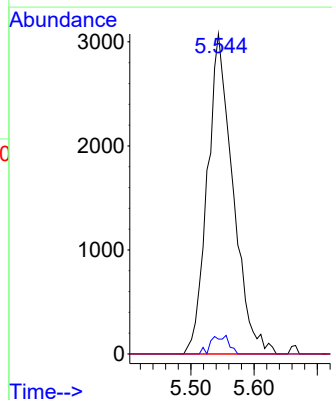
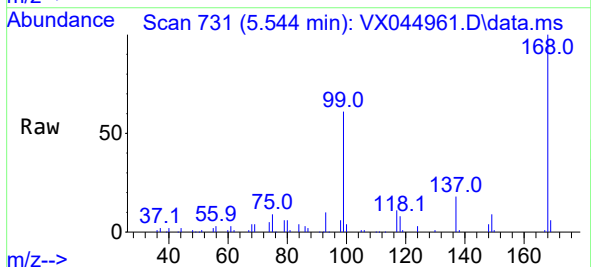
RT: 5.544 min Scan# 731

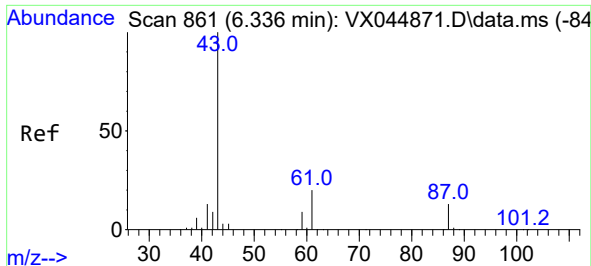
Delta R.T. -0.128 min

Lab File: VX044961.D

Acq: 14 Feb 2025 15:06

Tgt Ion:	117	Resp:	8665
Ion	Ratio	Lower	Upper
117	100		
119	4.7	77.5	116.3#
121	0.0	25.6	38.4#

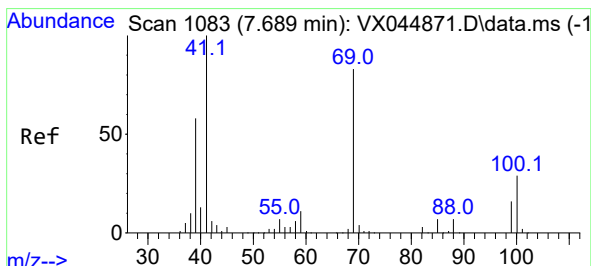
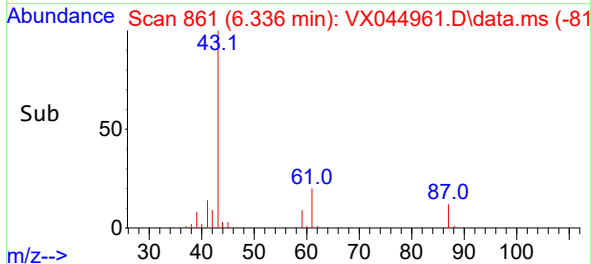
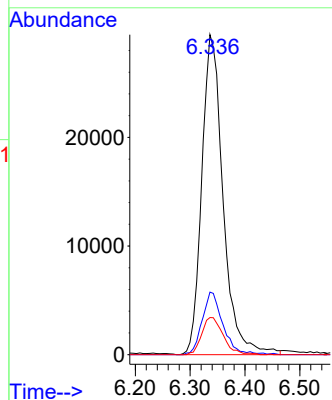
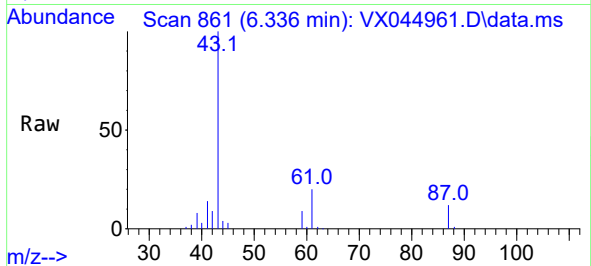




#43
Isopropyl Acetate
Concen: 28.99 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

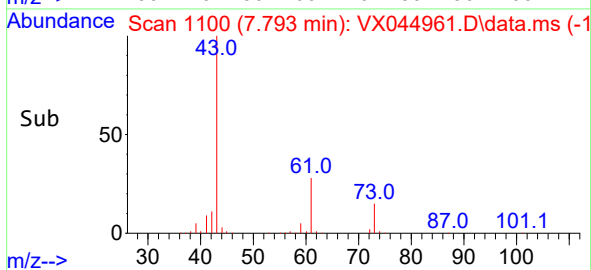
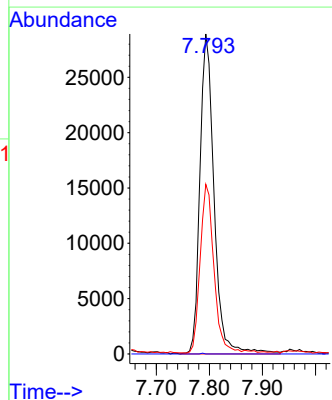
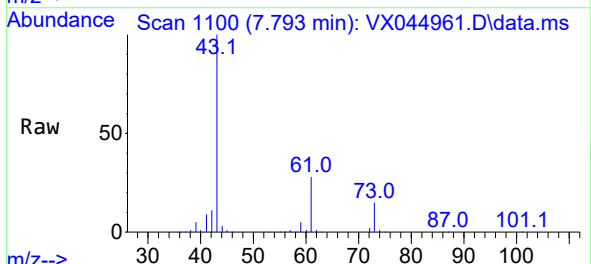
Instrument :
MSVOA_X
ClientSampleId :

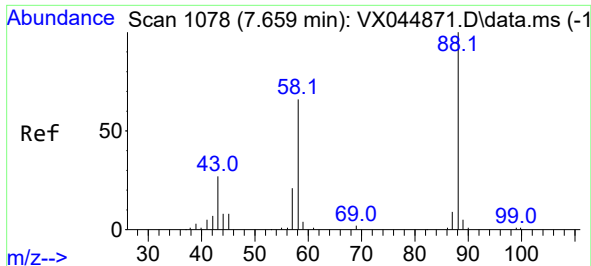
Tgt Ion: 43 Resp: 79510
Ion Ratio Lower Upper
43 100
61 19.1 15.8 23.8
87 11.7 10.0 15.0



#48
Methyl methacrylate
Concen: 41.44 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

Tgt Ion: 41 Resp: 53598
Ion Ratio Lower Upper
41 100
69 0.0 65.8 98.8#
39 50.8 46.4 69.6





#49

1,4-Dioxane

Concen: 1.15 ug/l

RT: 7.787 min Scan# 1078

Delta R.T. 0.128 min

Lab File: VX044961.D

Acq: 14 Feb 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

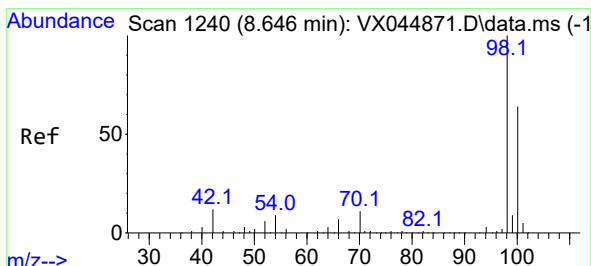
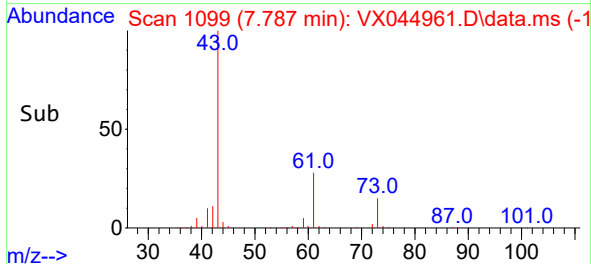
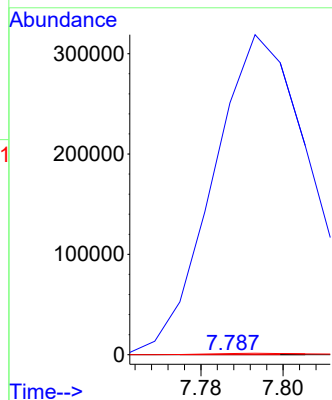
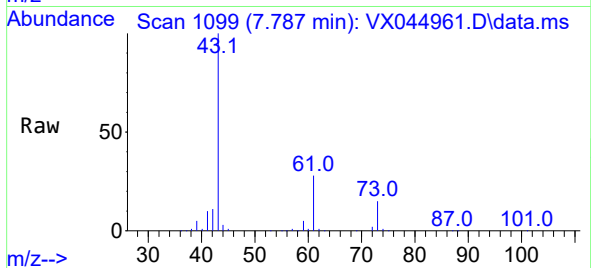
Tgt Ion: 88 Resp: 32

Ion Ratio Lower Upper

88 100

43 1767271.9 26.6 39.8#

58 7687.5 55.9 83.9#



#50

Toluene-d8

Concen: 50.98 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044961.D

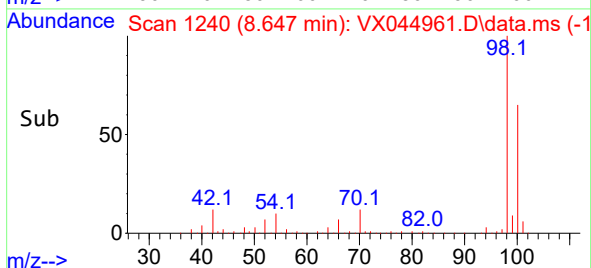
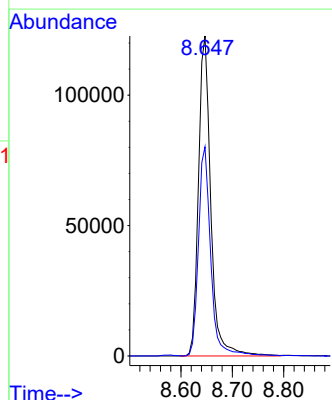
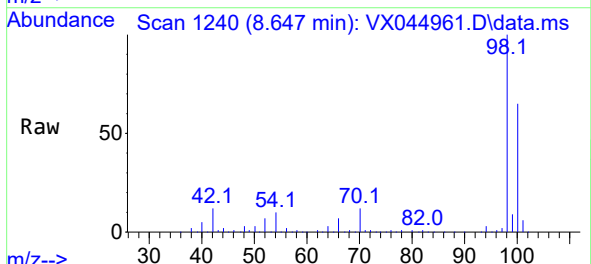
Acq: 14 Feb 2025 15:06

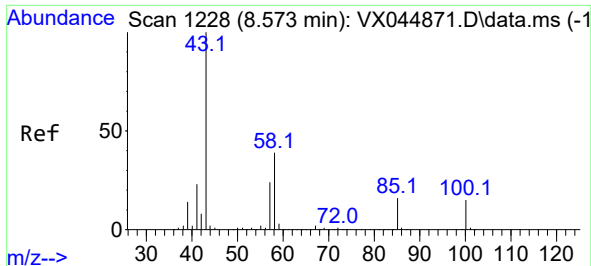
Tgt Ion: 98 Resp: 204055

Ion Ratio Lower Upper

98 100

100 65.2 52.7 79.1

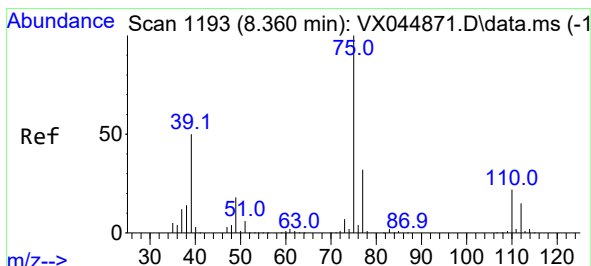
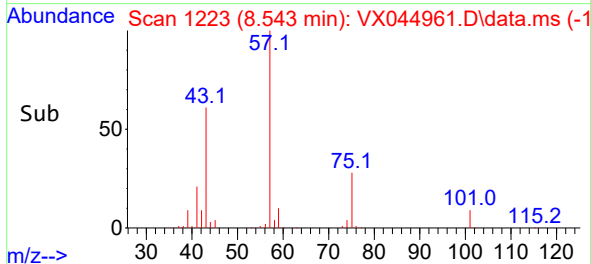
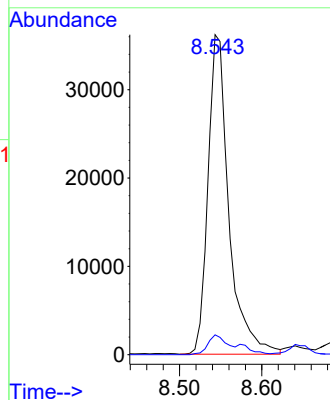
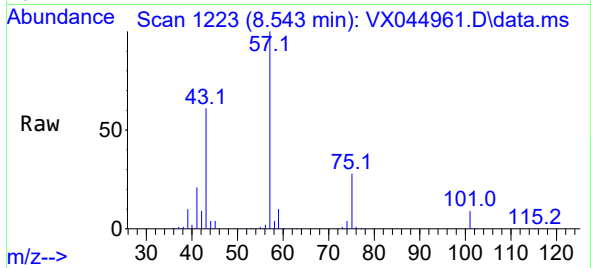




#51
4-Methyl-2-Pentanone
Concen: 38.21 ug/l
RT: 8.543 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

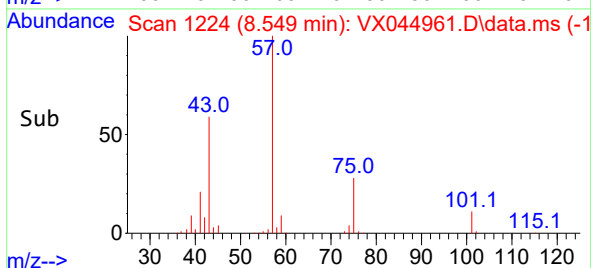
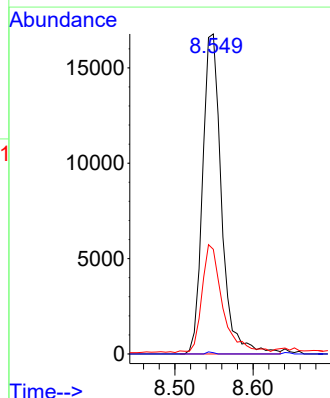
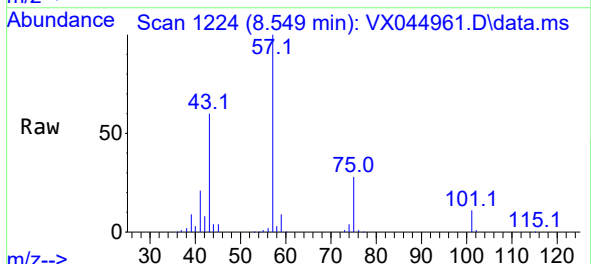
Instrument :
MSVOA_X
ClientSampleId :

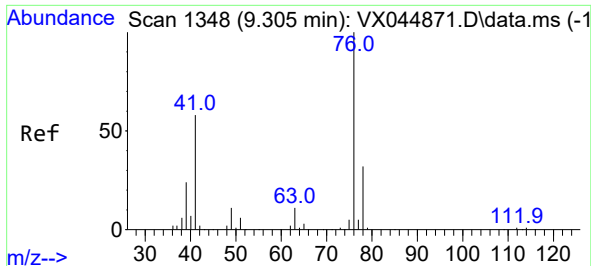
Tgt Ion: 43 Resp: 63720
Ion Ratio Lower Upper
43 100
58 5.8 30.8 46.2#



#54
cis-1,3-Dichloropropene
Concen: 15.63 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.189 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

Tgt Ion: 75 Resp: 28099
Ion Ratio Lower Upper
75 100
77 0.4 25.3 37.9#
39 31.7 40.0 60.0#

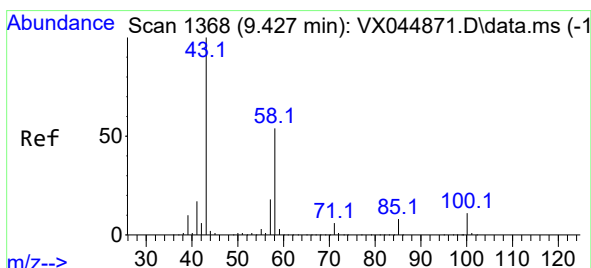
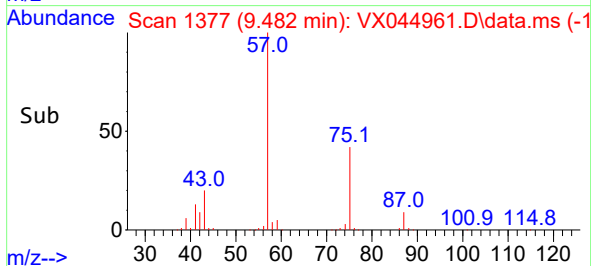
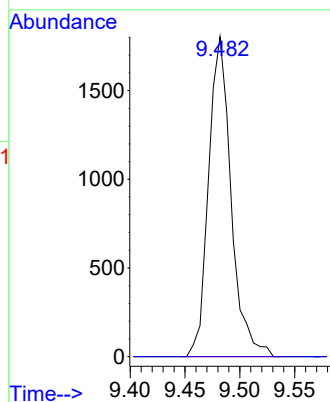
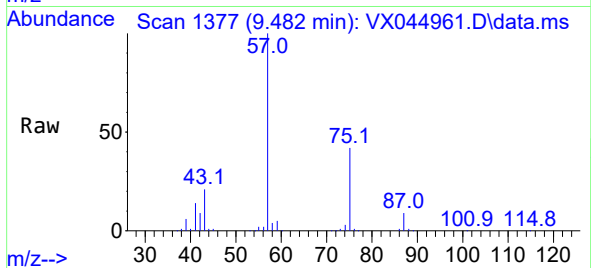




#57
1,3-Dichloropropane
Concen: 1.35 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

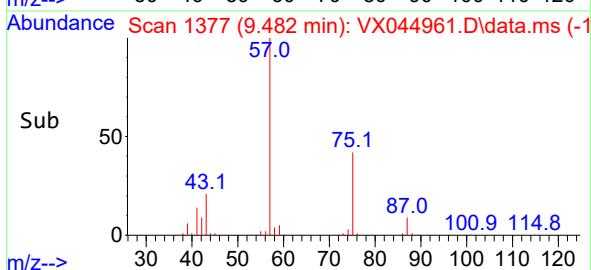
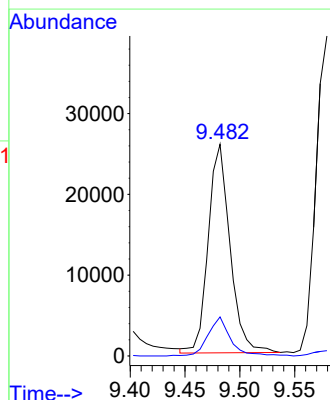
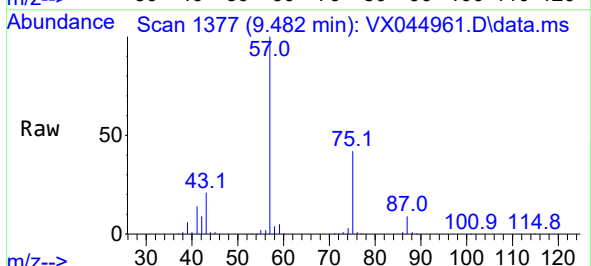
Instrument :
MSVOA_X
ClientSampleId :

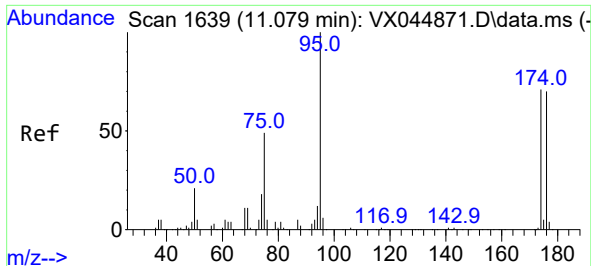
Tgt Ion: 76 Resp: 2577
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.8#



#59
2-Hexanone
Concen: 29.80 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.055 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

Tgt Ion: 43 Resp: 35801
Ion Ratio Lower Upper
43 100
58 19.3 27.5 82.4#

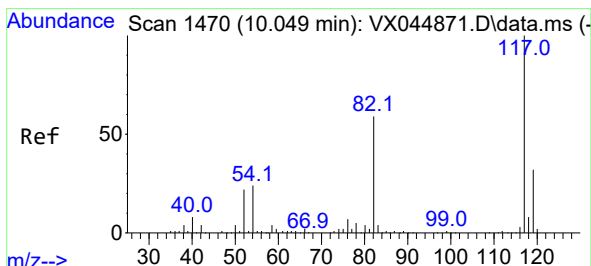
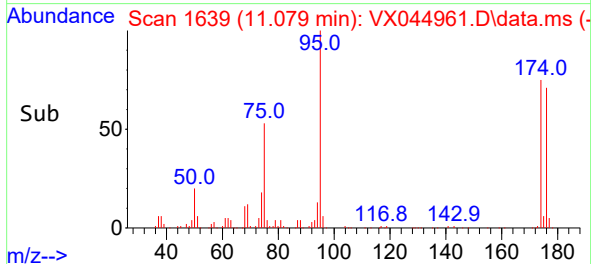
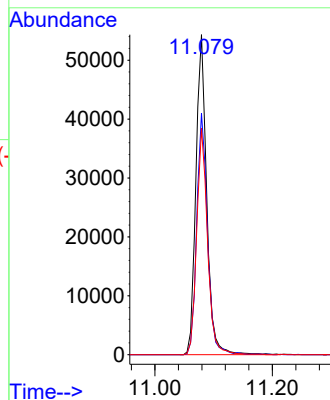
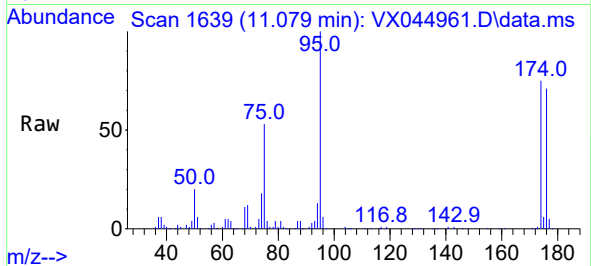




#62
4-Bromofluorobenzene
Concen: 51.40 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

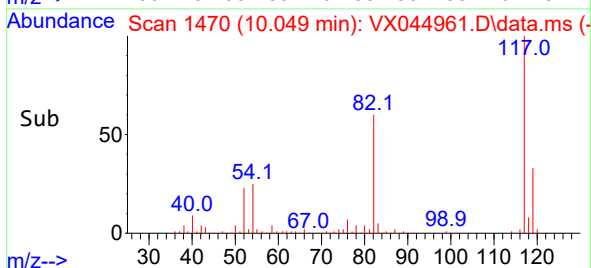
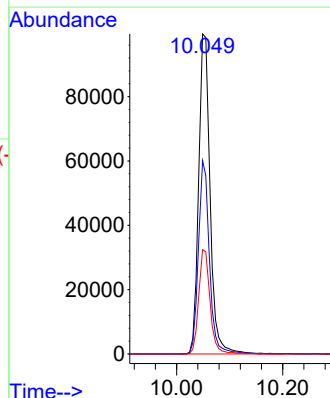
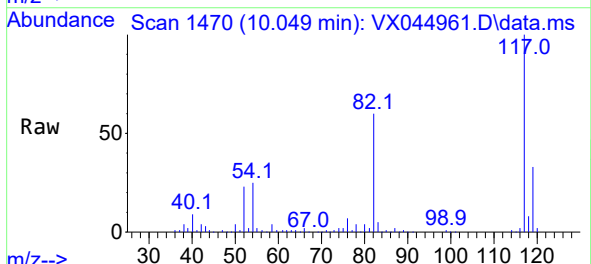
Instrument :
MSVOA_X
ClientSampleId :

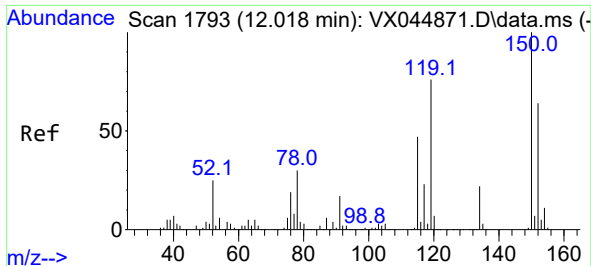
Tgt Ion: 95 Resp: 69358
Ion Ratio Lower Upper
95 100
174 75.1 0.0 142.6
176 70.9 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

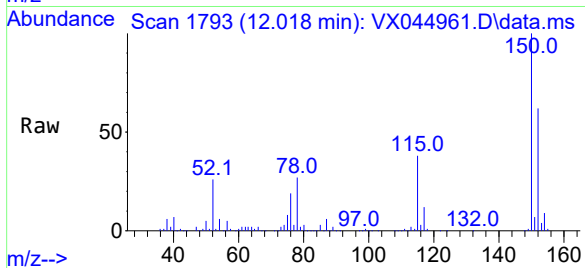
Tgt Ion: 117 Resp: 149363
Ion Ratio Lower Upper
117 100
82 60.4 47.5 71.3
119 32.6 25.4 38.0



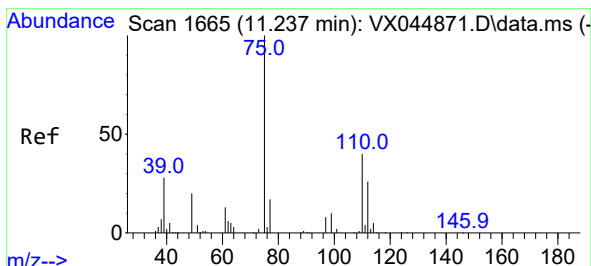
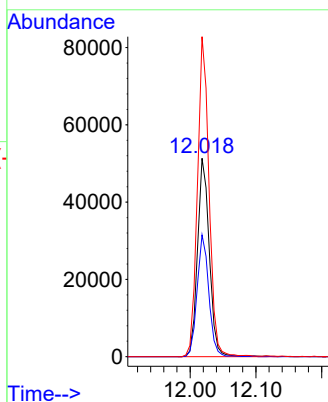
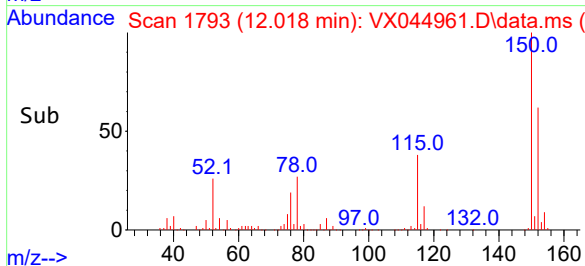


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :

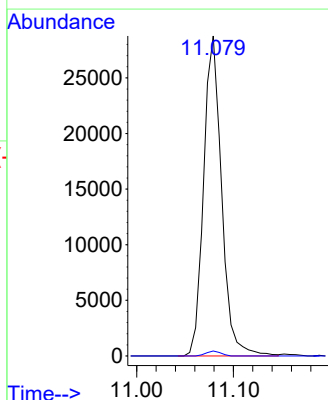
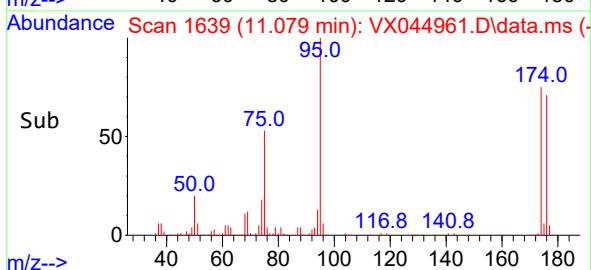
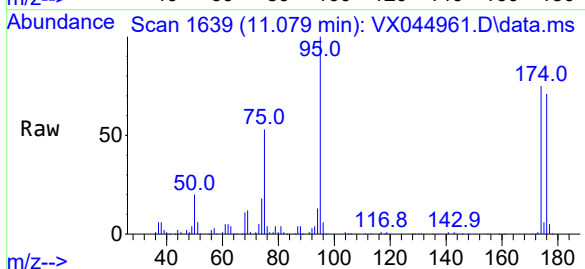


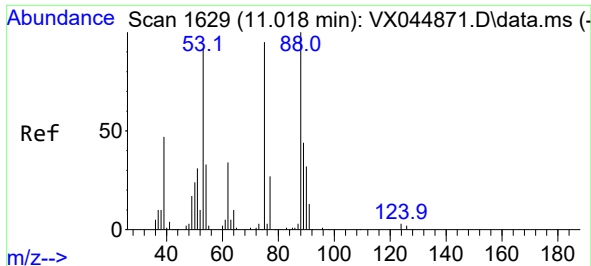
Tgt Ion:152 Resp: 63994
Ion Ratio Lower Upper
152 100
115 60.9 43.4 130.1
150 159.0 0.0 350.4



#76
1,2,3-Trichloropropane
Concen: 26.32 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

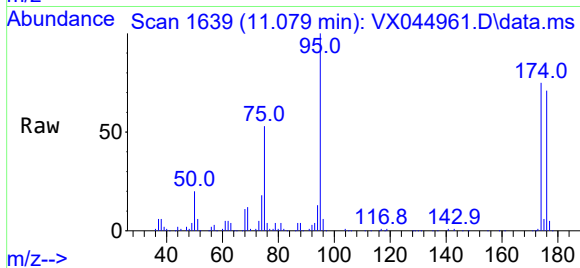
Tgt Ion: 75 Resp: 37346
Ion Ratio Lower Upper
75 100
77 1.2 21.9 65.7#



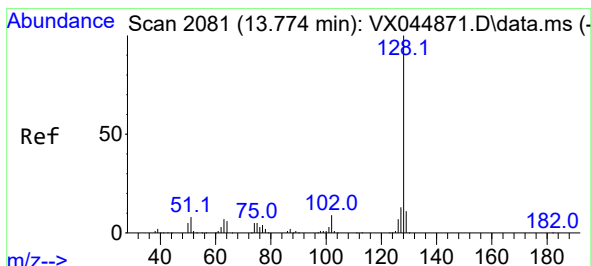
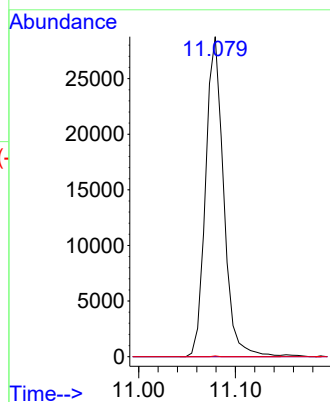
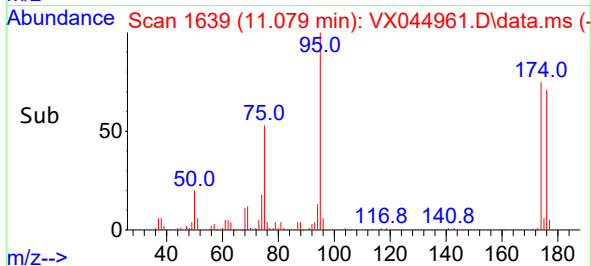


#81
trans-1,4-Dichloro-2-butene
Concen: 67.71 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06

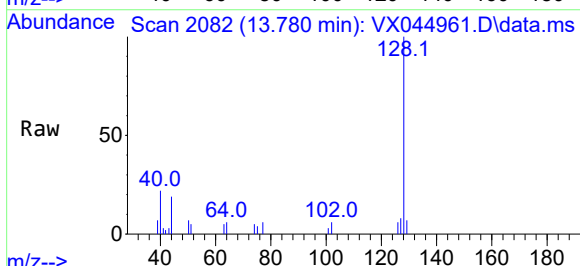
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 37346
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 36.6 54.8#



#95
Naphthalene
Concen: 0.70 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX044961.D
Acq: 14 Feb 2025 15:06



Tgt Ion: 128 Resp: 3254
Ion Ratio Lower Upper
128 100
127 13.9 10.1 15.1
129 10.2 8.9 13.3

