

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010324\
 Data File : VX039601.D
 Acq On : 03 Jan 2024 14:51
 Operator : JC/MD
 Sample : P1002-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 04 03:32:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

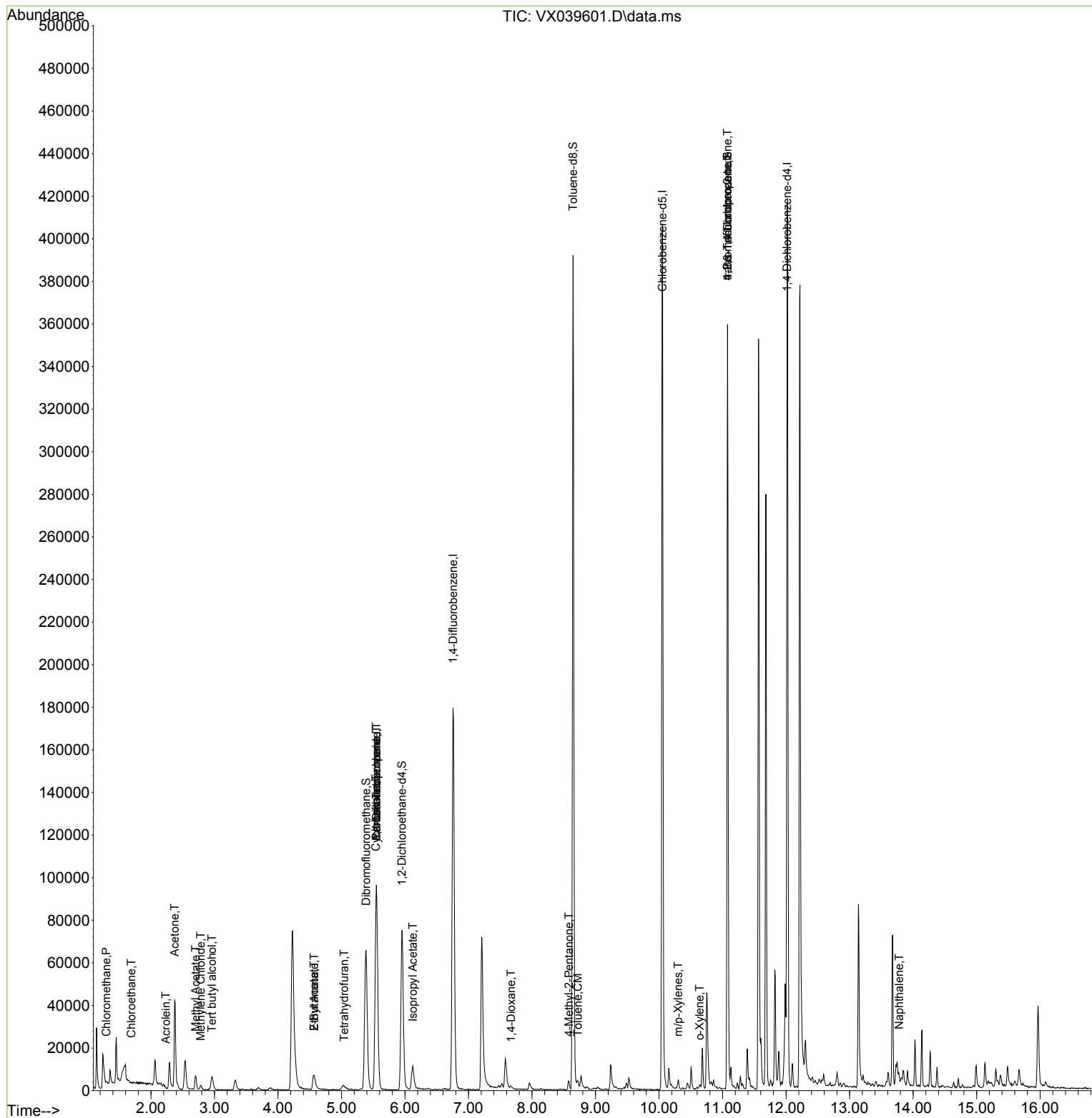
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	83833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	178092	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72237	47.037	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.080%
35) Dibromofluoromethane	5.385	113	58412	47.476	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.960%
50) Toluene-d8	8.647	98	221417	48.475	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.940%
62) 4-Bromofluorobenzene	11.079	95	94020	49.888	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.780%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	298	0.228	ug/l #	43
6) Chloroethane	1.691	64	275	0.376	ug/l #	43
11) Tert butyl alcohol	2.959	59	8154	21.143	ug/l #	90
13) Acrolein	2.233	56	296	0.962	ug/l #	39
16) Acetone	2.373	43	43831	28.348	ug/l	93
18) Methyl Acetate	2.703	43	8749	2.634	ug/l	94
20) Methylene Chloride	2.782	84	609	0.476	ug/l #	68
25) 2-Butanone	4.568	43	14545	10.975	ug/l #	88
29) Tetrahydrofuran	5.044	42	222	0.303	ug/l #	34
31) Cyclohexane	5.544	56	2397	1.208	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	7823	4.029	ug/l #	52
37) Ethyl Acetate	4.568	43	14545	6.064	ug/l #	69
38) Carbon Tetrachloride	5.550	117	9860	5.322	ug/l #	13
43) Isopropyl Acetate	6.123	43	10577	2.712	ug/l #	62
49) 1,4-Dioxane	7.671	88	378	12.298	ug/l #	1
51) 4-Methyl-2-Pentanone	8.580	43	2982	1.200	ug/l	100
52) Toluene	8.720	92	1275	0.385	ug/l	91
68) m/p-Xylenes	10.299	106	940	0.364	ug/l	99
69) o-Xylene	10.640	106	534	0.214	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	52479	25.268	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	52479	71.281	ug/l #	5
95) Naphthalene	13.780	128	1327	0.226	ug/l	96

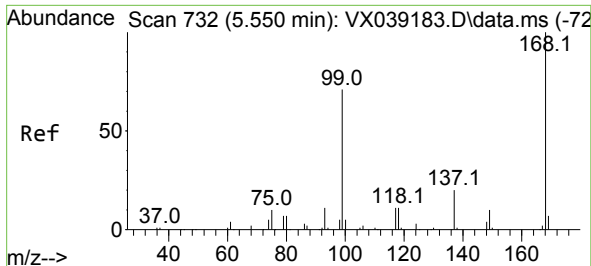
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010324\
Data File : VX039601.D
Acq On : 03 Jan 2024 14:51
Operator : JC/MD
Sample : P1002-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

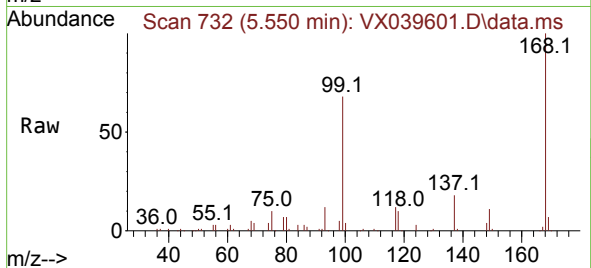
Quant Time: Jan 04 03:32:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



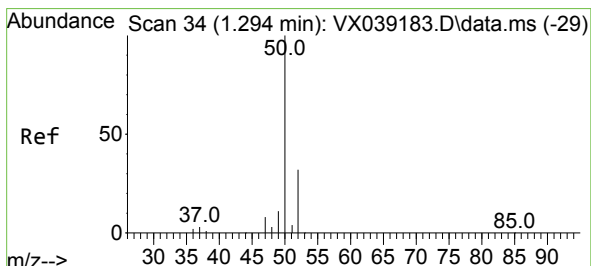
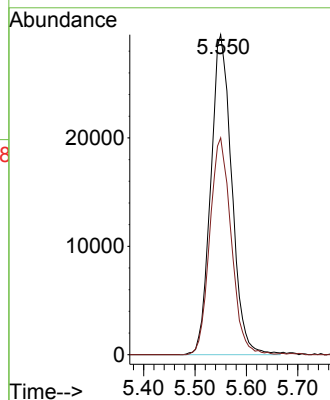
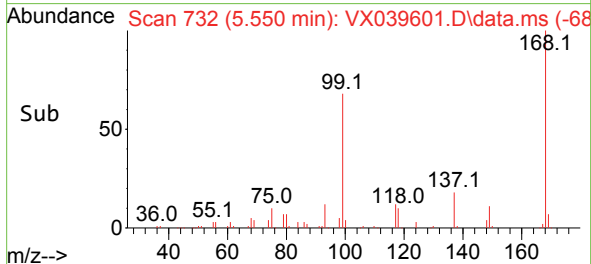


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

Instrument :
MSVOA_X
ClientSampleId :

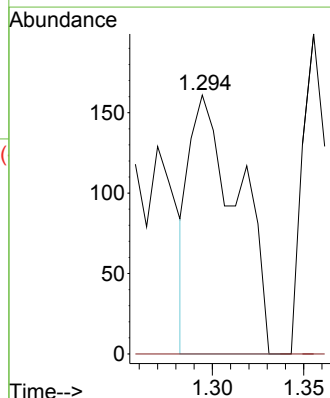
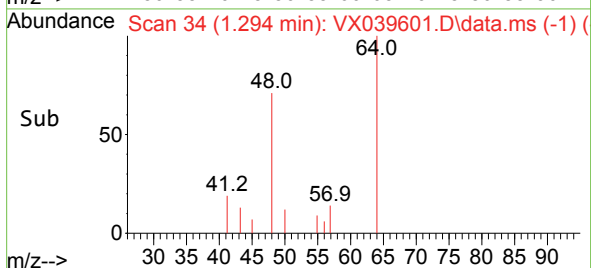
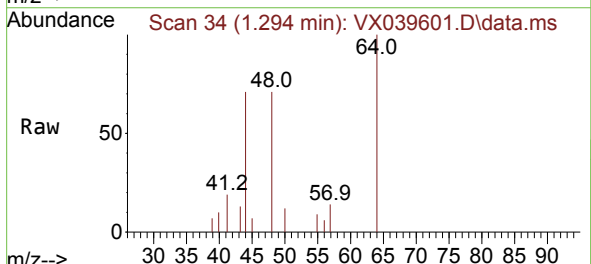


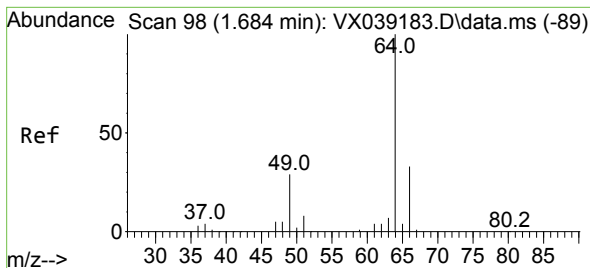
Tgt Ion:168 Resp: 83833
Ion Ratio Lower Upper
168 100
99 67.8 56.6 85.0



#3
Chloromethane
Concen: 0.228 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

Tgt Ion: 50 Resp: 298
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#





#6

Chloroethane

Concen: 0.376 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX039601.D

Acq: 03 Jan 2024 14:51

Instrument :

MSVOA_X

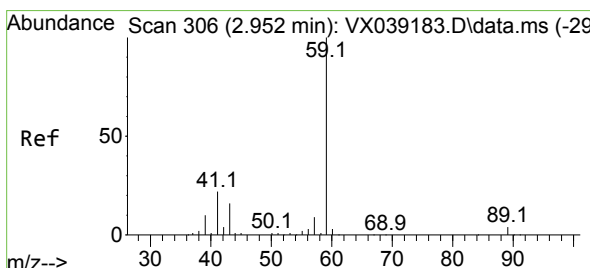
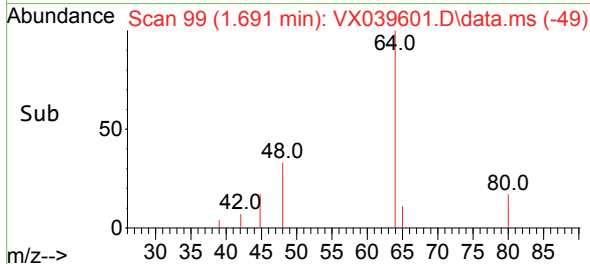
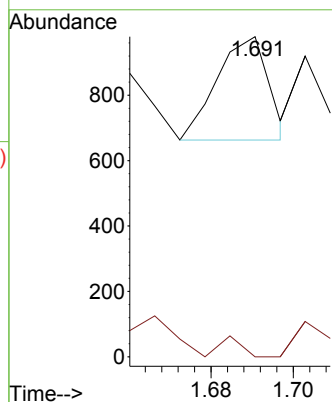
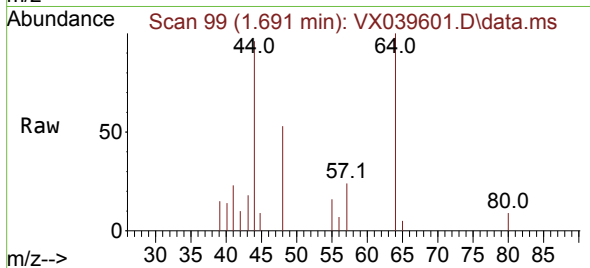
ClientSampleId :

Tgt Ion: 64 Resp: 275

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: 21.143 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.006 min

Lab File: VX039601.D

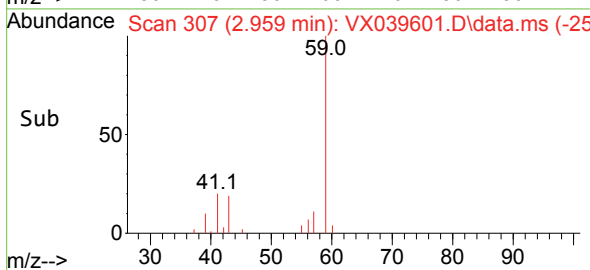
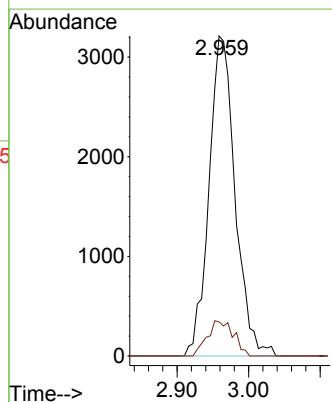
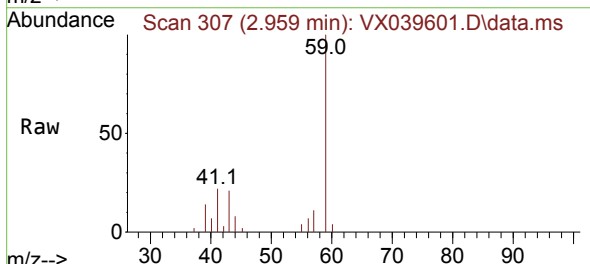
Acq: 03 Jan 2024 14:51

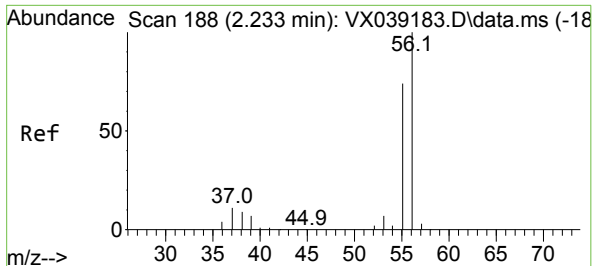
Tgt Ion: 59 Resp: 8154

Ion Ratio Lower Upper

59 100

57 11.0 6.0 9.0#





#13

Acrolein

Concen: 0.962 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

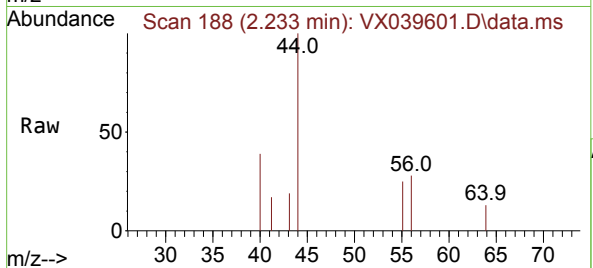
Lab File: VX039601.D

Acq: 03 Jan 2024 14:51

Instrument :

MSVOA_X

ClientSampleId :

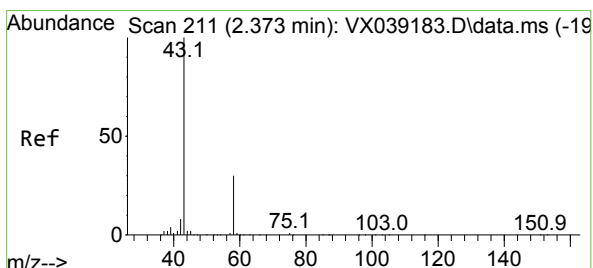
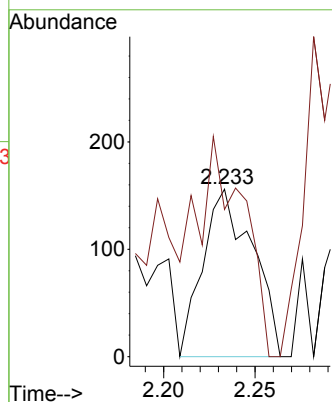
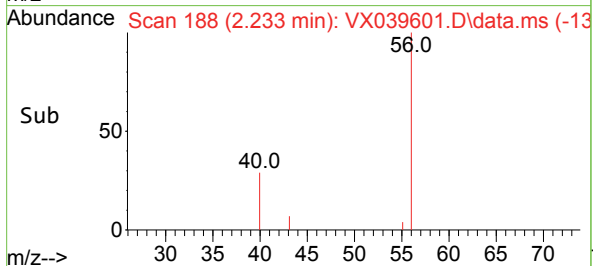


Tgt Ion: 56 Resp: 296

Ion Ratio Lower Upper

56 100

55 122.3 57.1 85.7#



#16

Acetone

Concen: 28.348 ug/l

RT: 2.373 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX039601.D

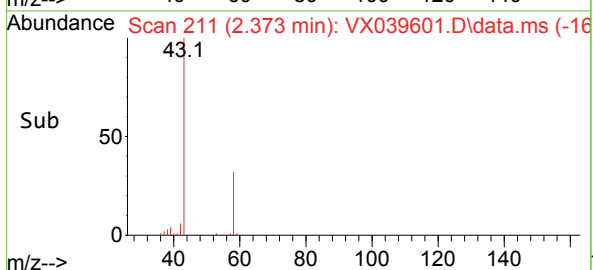
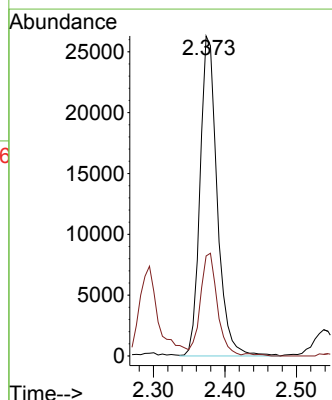
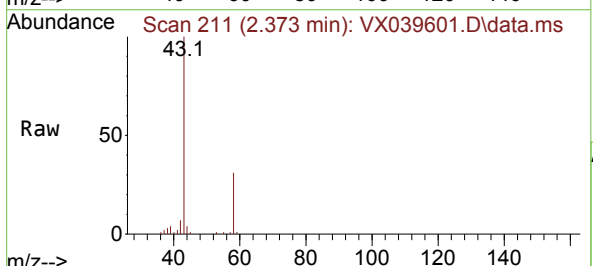
Acq: 03 Jan 2024 14:51

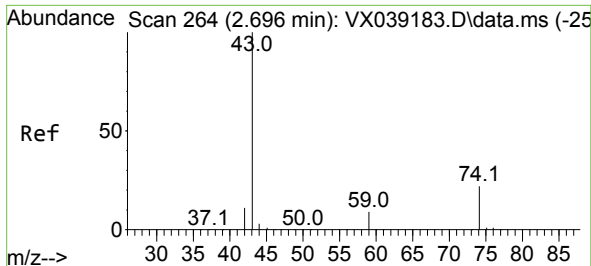
Tgt Ion: 43 Resp: 43831

Ion Ratio Lower Upper

43 100

58 31.3 21.9 32.9

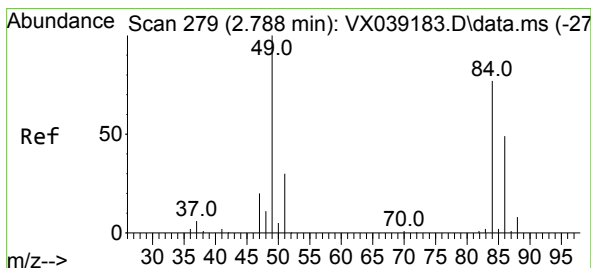
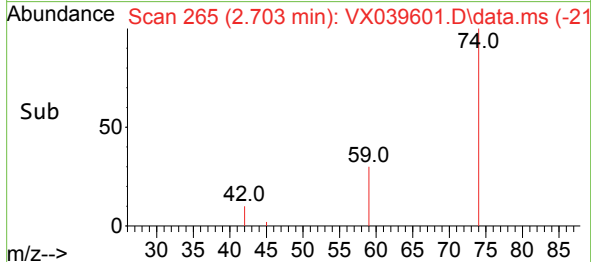
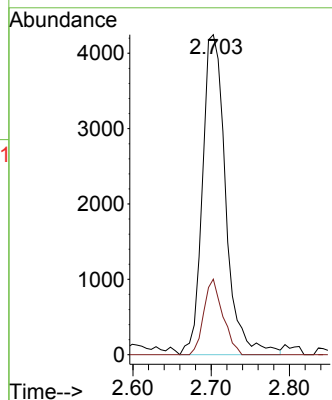
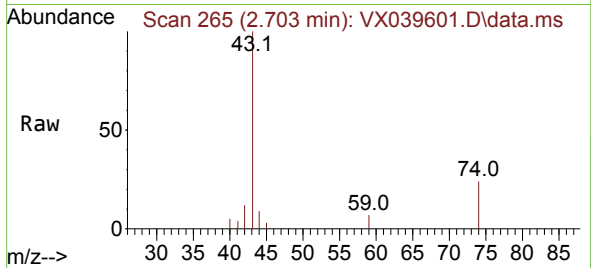




#18
Methyl Acetate
Concen: 2.634 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

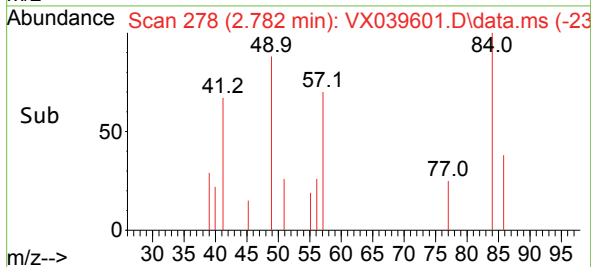
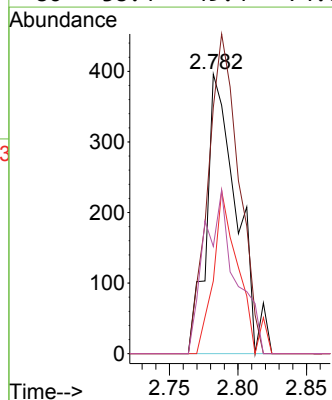
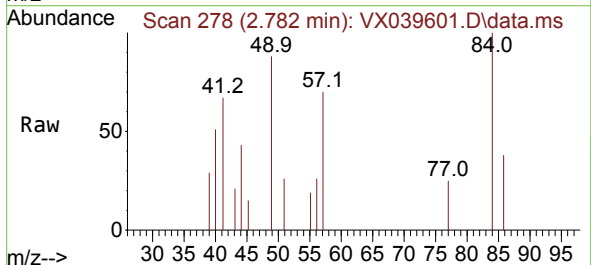
Instrument :
MSVOA_X
ClientSampleId :

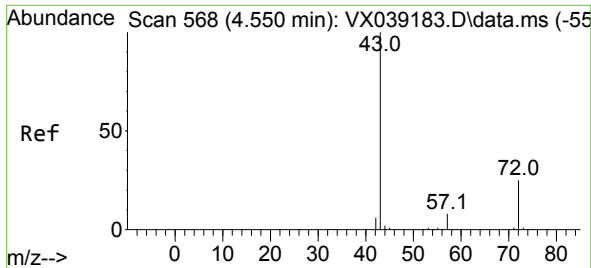
Tgt Ion: 43 Resp: 8749
Ion Ratio Lower Upper
43 100
74 19.3 17.8 26.8



#20
Methylene Chloride
Concen: 0.476 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

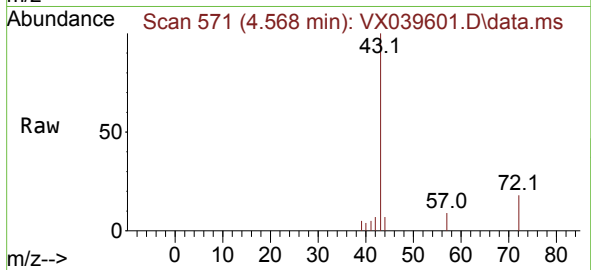
Tgt Ion: 84 Resp: 609
Ion Ratio Lower Upper
84 100
49 88.1 103.6 155.4#
51 26.0 33.8 50.6#
86 38.4 49.4 74.0#



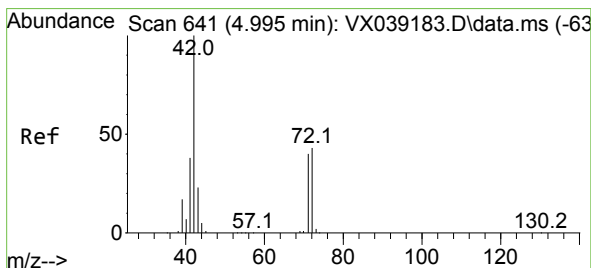
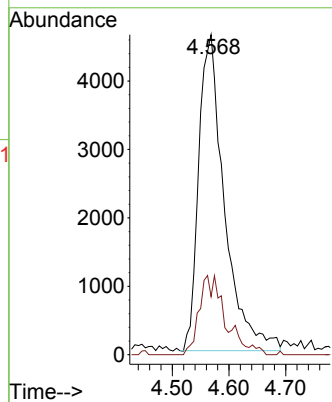
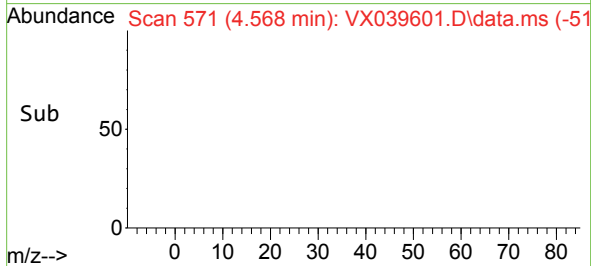


#25
2-Butanone
Concen: 10.975 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

Instrument :
MSVOA_X
ClientSampleId :

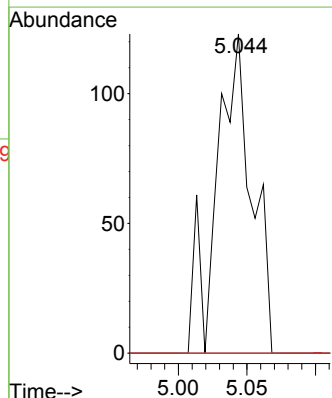
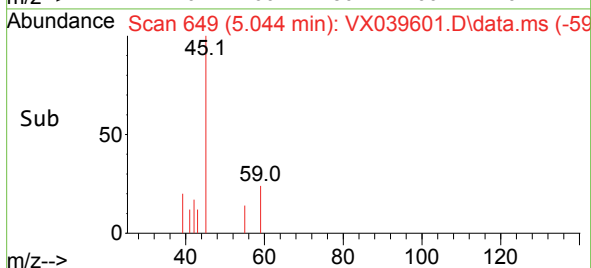
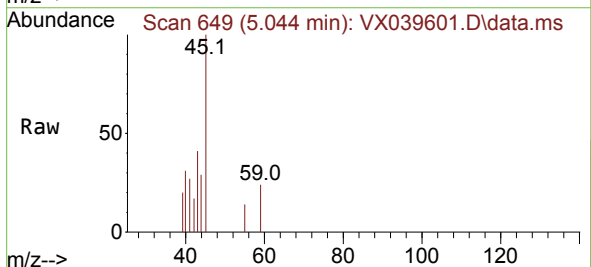


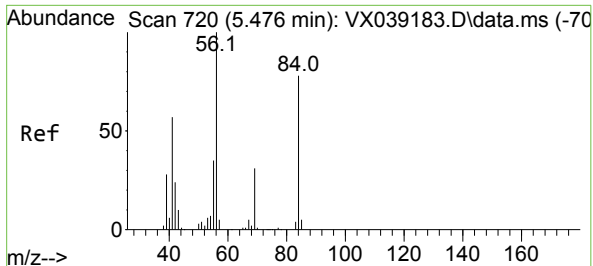
Tgt Ion: 43 Resp: 14545
Ion Ratio Lower Upper
43 100
72 18.4 19.4 29.2#



#29
Tetrahydrofuran
Concen: 0.303 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.049 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

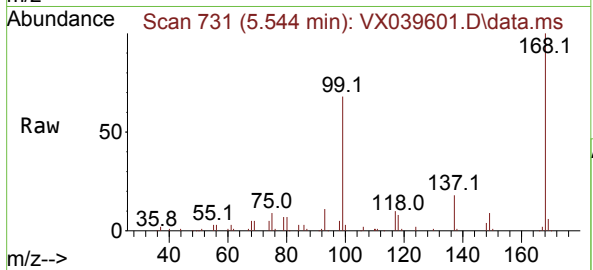
Tgt Ion: 42 Resp: 222
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 0.0 32.2 48.2#



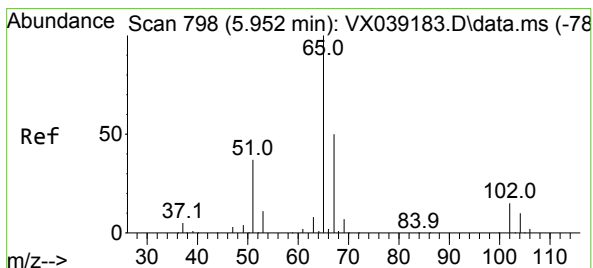
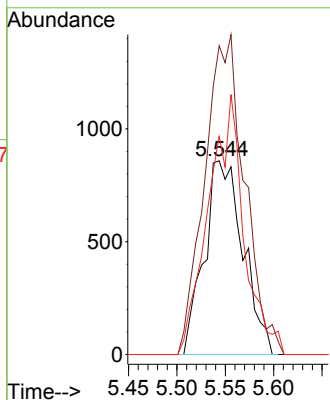
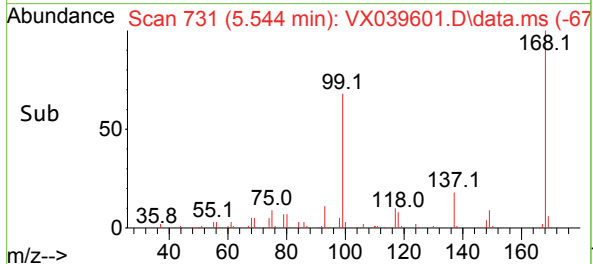


#31
Cyclohexane
Concen: 1.208 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

Instrument :
MSVOA_X
ClientSampleId :

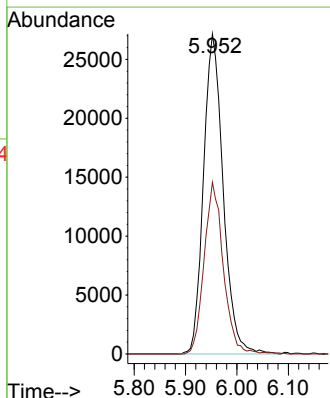
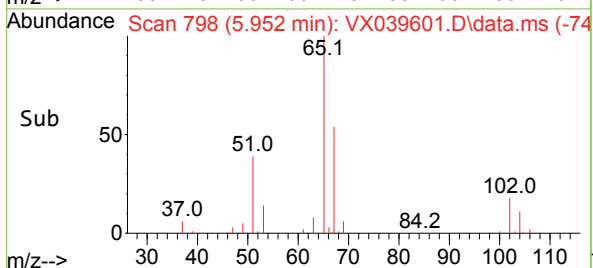
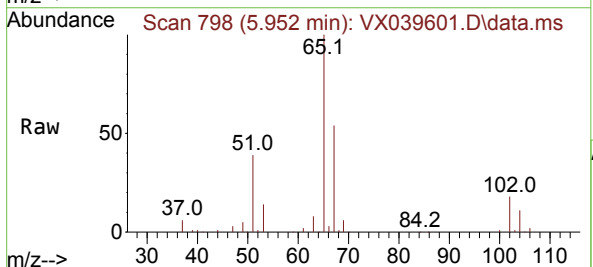


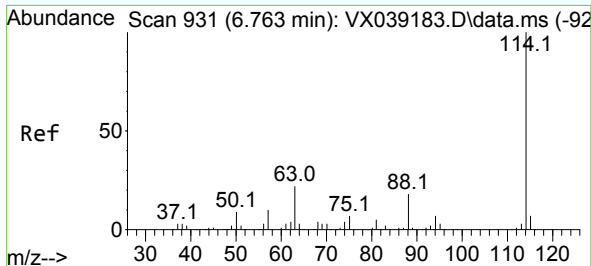
Tgt Ion: 56 Resp: 2397
Ion Ratio Lower Upper
56 100
69 159.4 23.4 35.2#
84 112.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.037 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

Tgt Ion: 65 Resp: 72237
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2

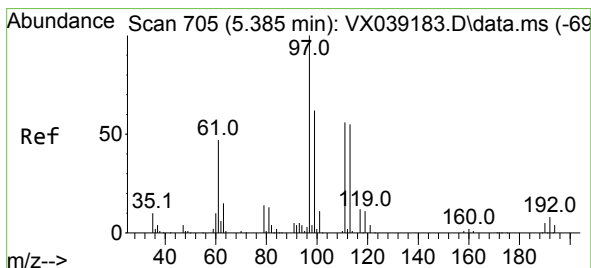
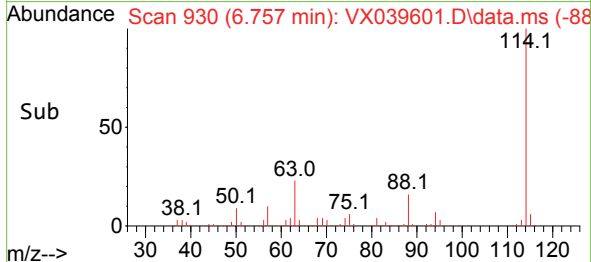
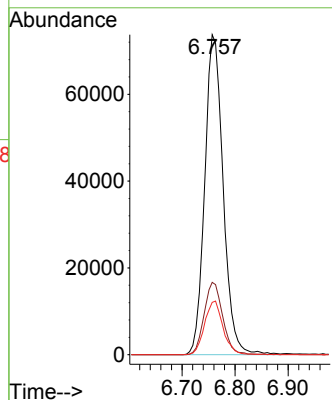
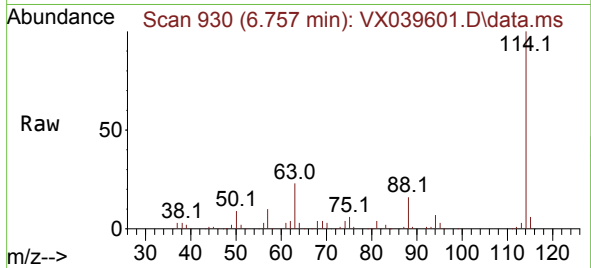




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

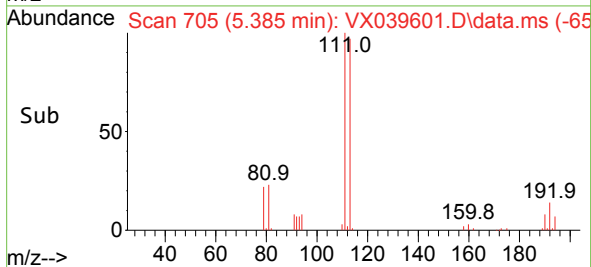
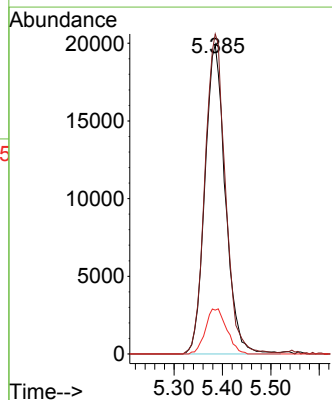
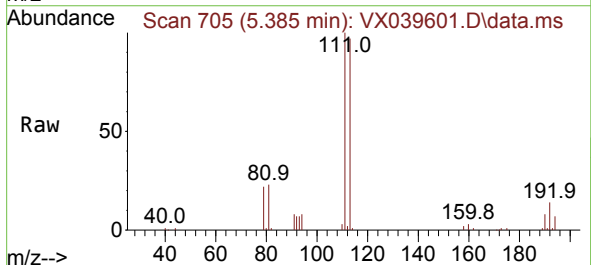
Instrument :
MSVOA_X
ClientSampleId :

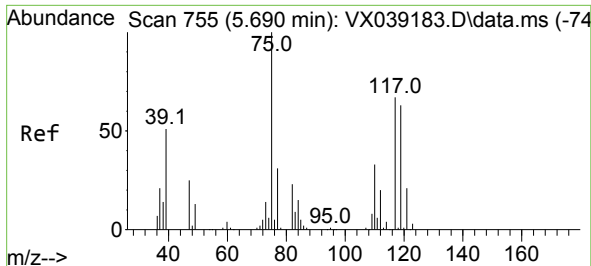
Tgt Ion:114 Resp: 178092
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.476 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

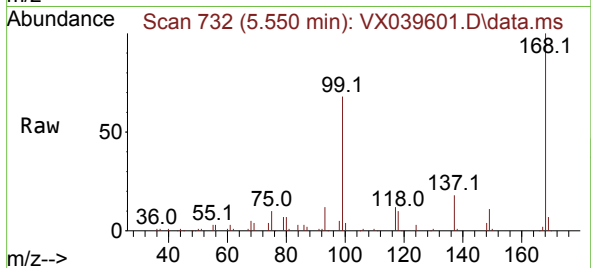
Tgt Ion:113 Resp: 58412
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 15.2 13.3 19.9



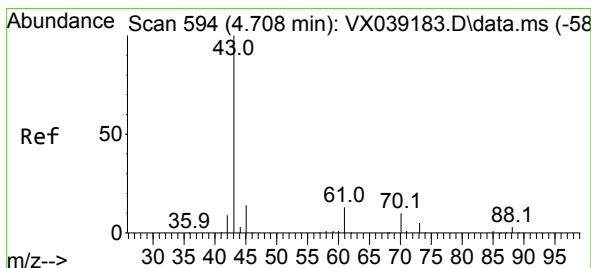
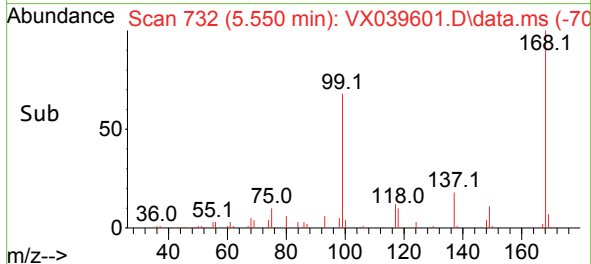
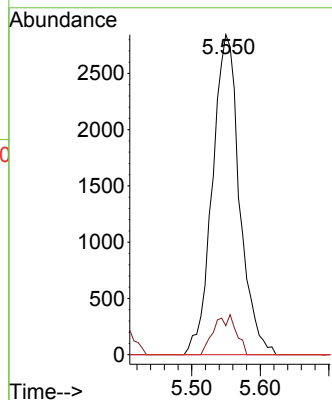


#36
1,1-Dichloropropene
Concen: 4.029 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

Instrument :
MSVOA_X
ClientSampleId :

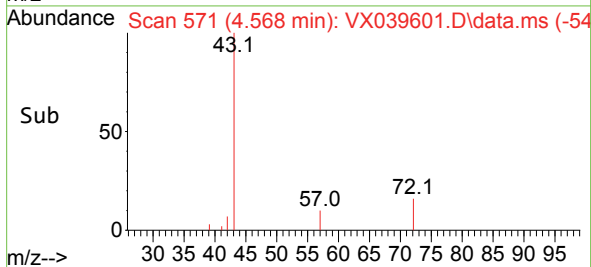
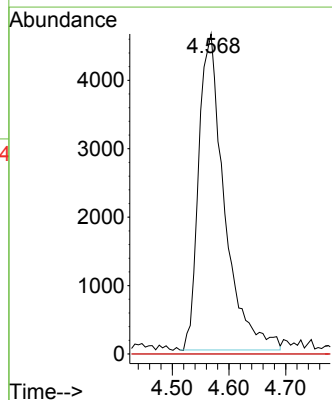
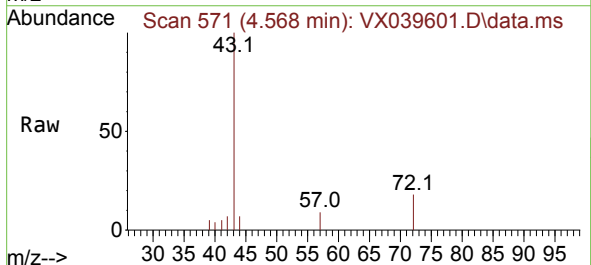


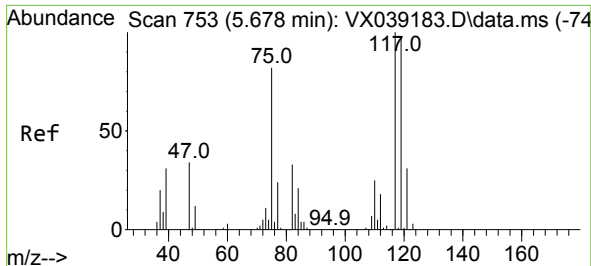
Tgt Ion: 75 Resp: 7823
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 6.064 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.140 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

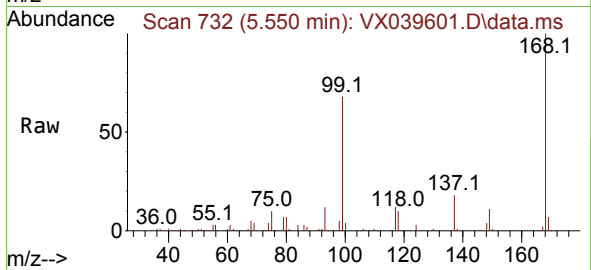
Tgt Ion: 43 Resp: 14545
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#



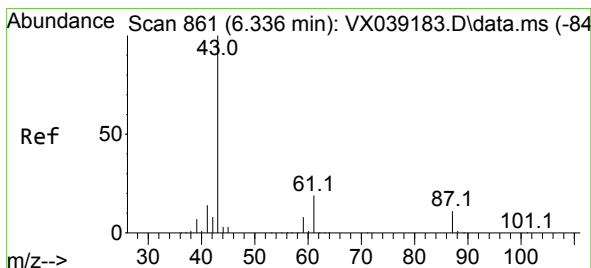
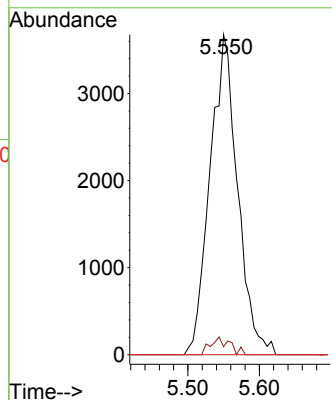
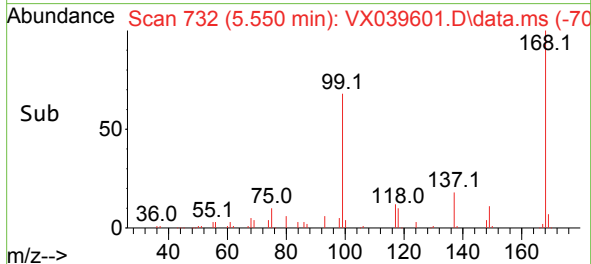


#38
Carbon Tetrachloride
Concen: 5.322 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

Instrument :
MSVOA_X
ClientSampleId :

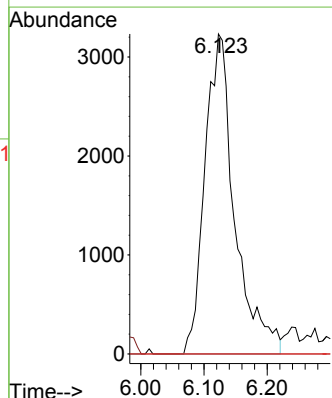
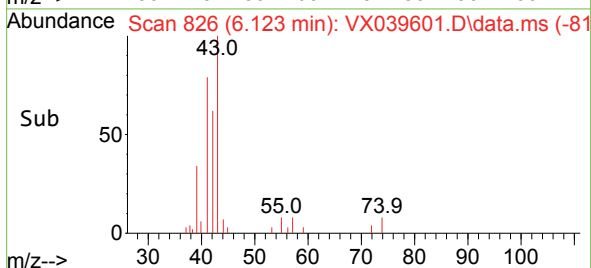
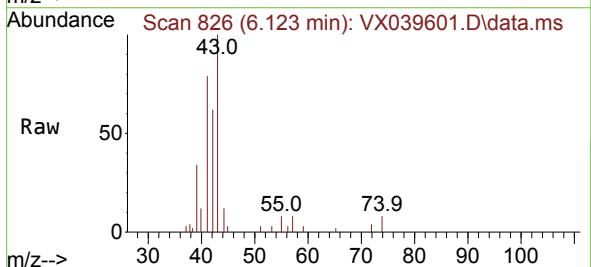


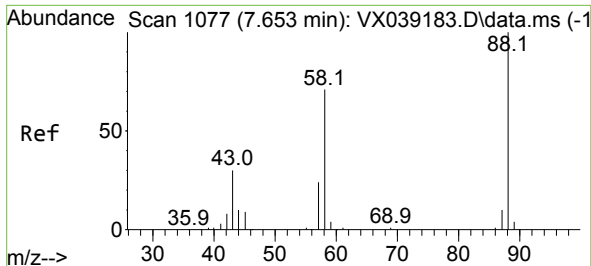
Tgt Ion:117 Resp: 9860
Ion Ratio Lower Upper
117 100
119 2.5 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 2.712 ug/l
RT: 6.123 min Scan# 826
Delta R.T. -0.213 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

Tgt Ion: 43 Resp: 10577
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.6#





#49

1,4-Dioxane

Concen: 12.298 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.019 min

Lab File: VX039601.D

Acq: 03 Jan 2024 14:51

Instrument :

MSVOA_X

ClientSampleId :

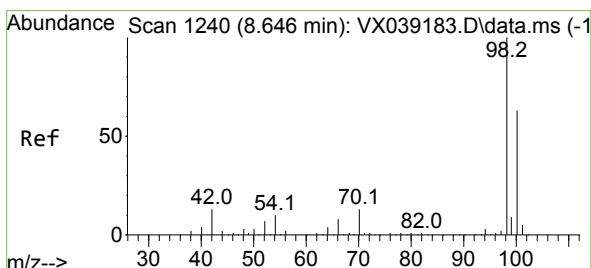
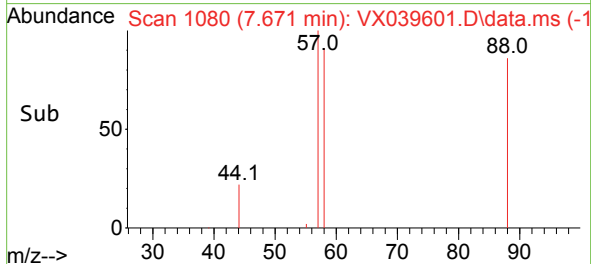
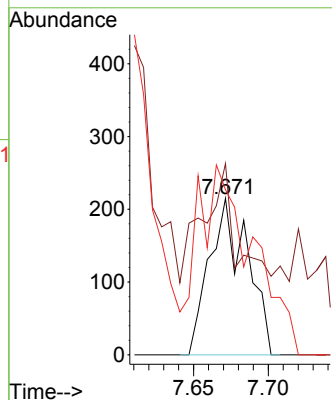
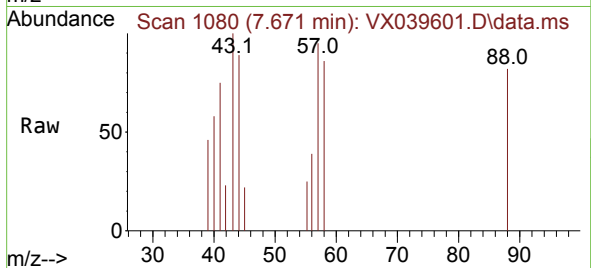
Tgt Ion: 88 Resp: 378

Ion Ratio Lower Upper

88 100

43 63.2 0.0 0.0#

58 175.1 60.1 90.1#



#50

Toluene-d8

Concen: 48.475 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039601.D

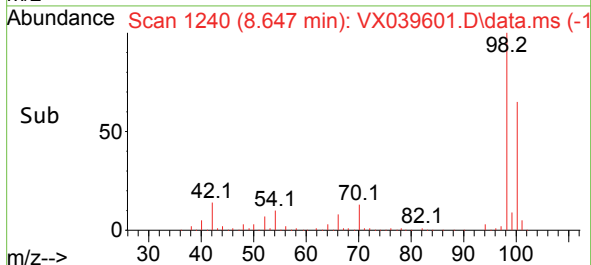
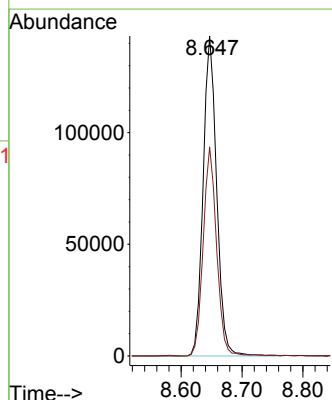
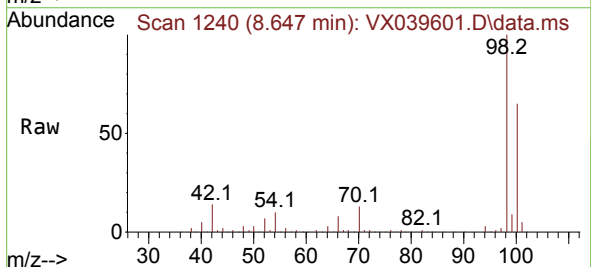
Acq: 03 Jan 2024 14:51

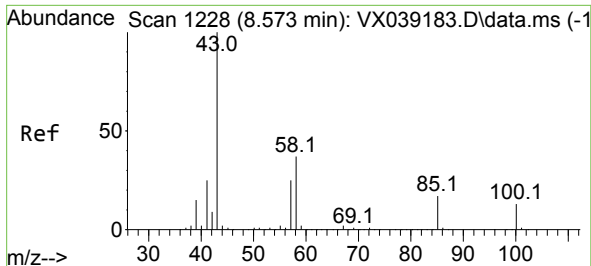
Tgt Ion: 98 Resp: 221417

Ion Ratio Lower Upper

98 100

100 64.7 53.1 79.7

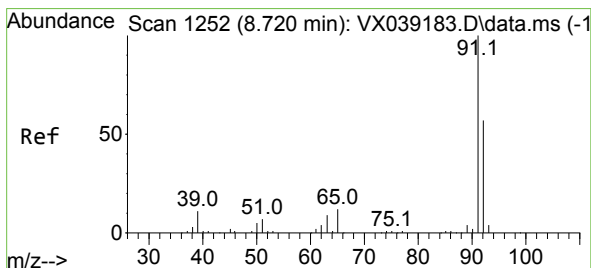
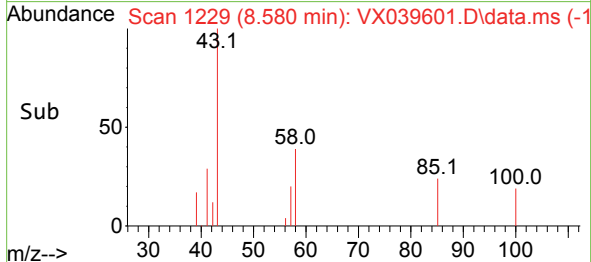
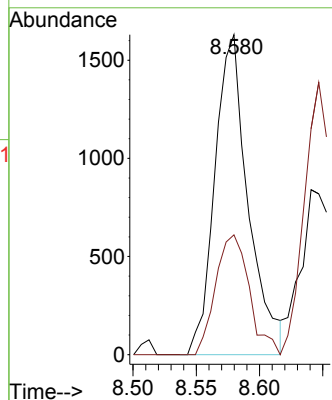
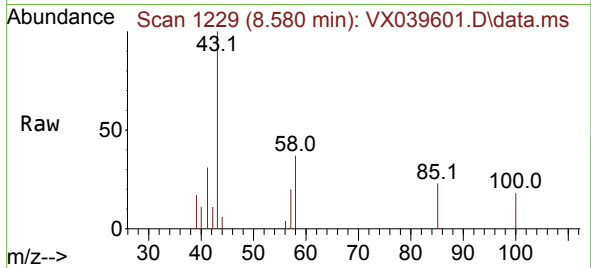




#51
4-Methyl-2-Pentanone
Concen: 1.200 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

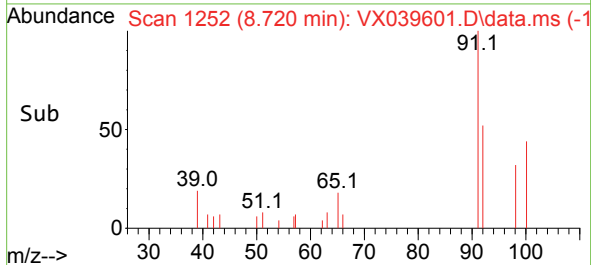
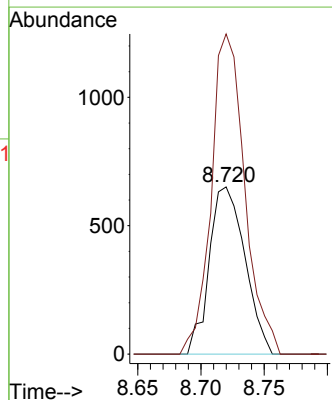
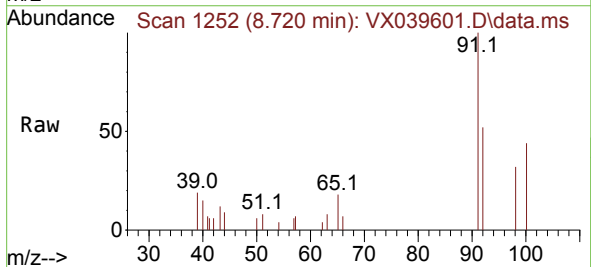
Instrument :
MSVOA_X
ClientSampleId :

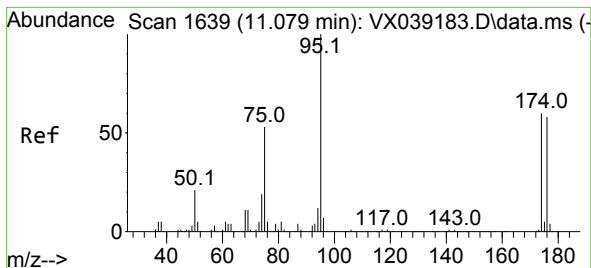
Tgt Ion: 43 Resp: 2982
Ion Ratio Lower Upper
43 100
58 37.8 30.4 45.6



#52
Toluene
Concen: 0.385 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

Tgt Ion: 92 Resp: 1275
Ion Ratio Lower Upper
92 100
91 180.2 134.2 201.2

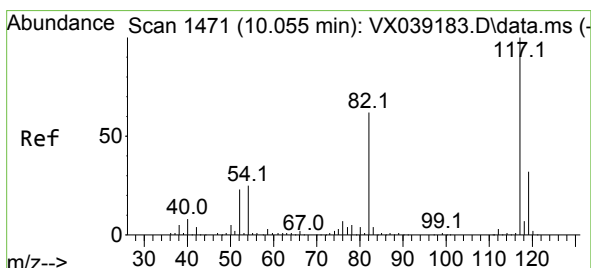
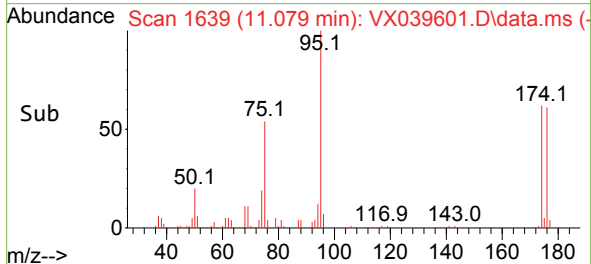
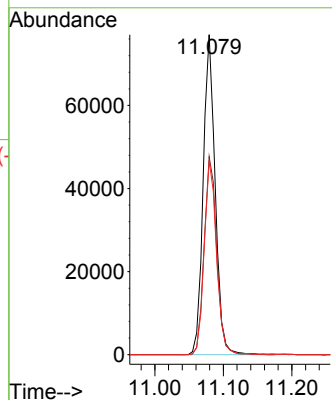
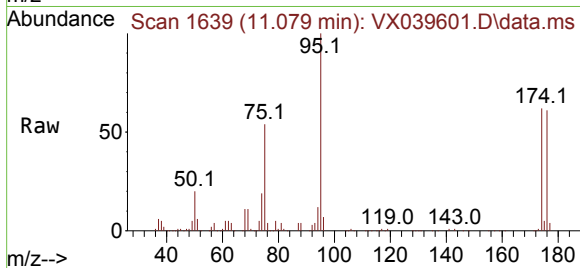




#62
4-Bromofluorobenzene
Concen: 49.888 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

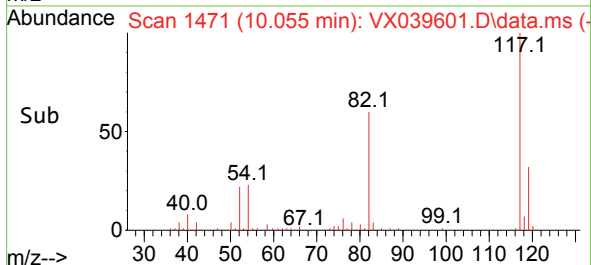
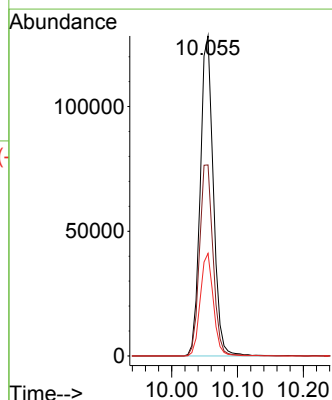
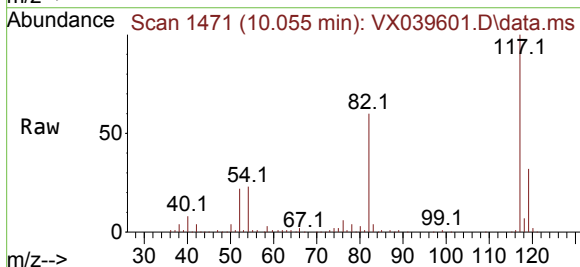
Instrument :
MSVOA_X
ClientSampleId :

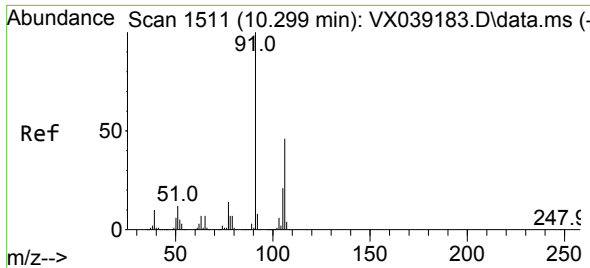
Tgt Ion: 95 Resp: 94020
Ion Ratio Lower Upper
95 100
174 64.5 0.0 135.6
176 62.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

Tgt Ion: 117 Resp: 177420
Ion Ratio Lower Upper
117 100
82 59.7 46.2 69.4
119 32.0 25.5 38.3

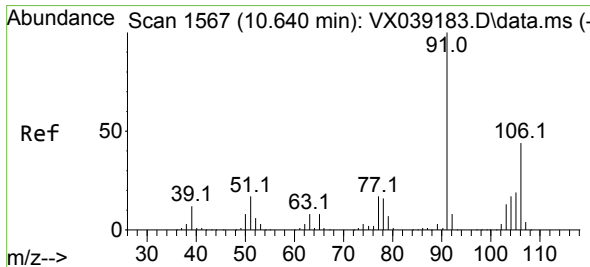
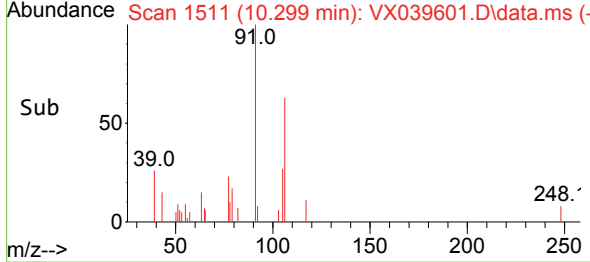
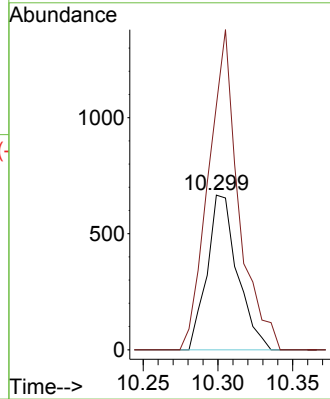
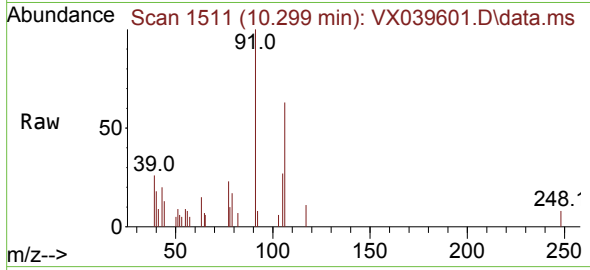




#68
m/p-Xylenes
Concen: 0.364 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

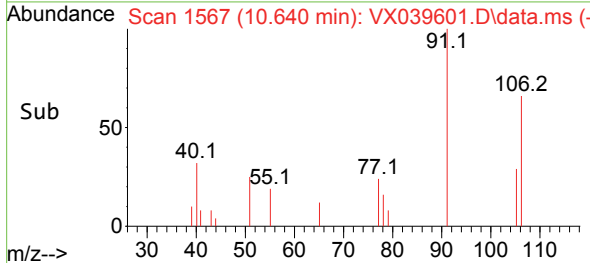
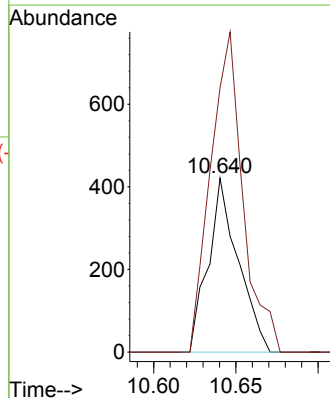
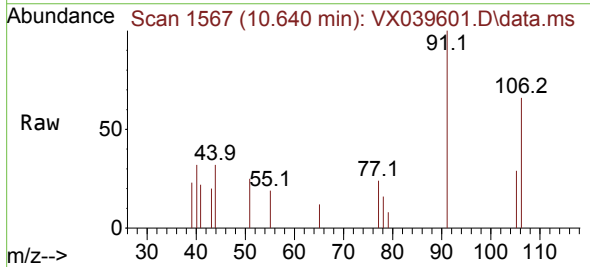
Instrument :
MSVOA_X
ClientSampleId :

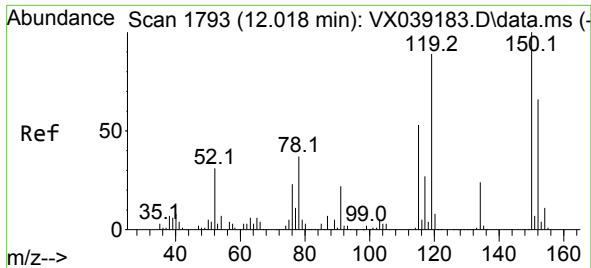
Tgt Ion:106 Resp: 940
Ion Ratio Lower Upper
106 100
91 205.9 165.5 248.3



#69
o-Xylene
Concen: 0.214 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

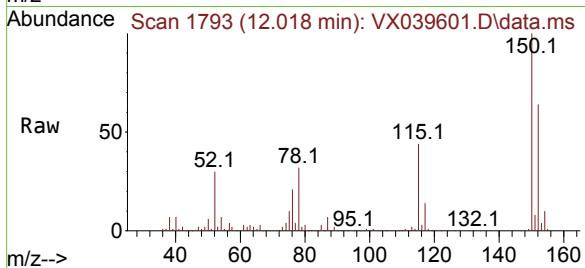
Tgt Ion:106 Resp: 534
Ion Ratio Lower Upper
106 100
91 198.3 108.9 326.8



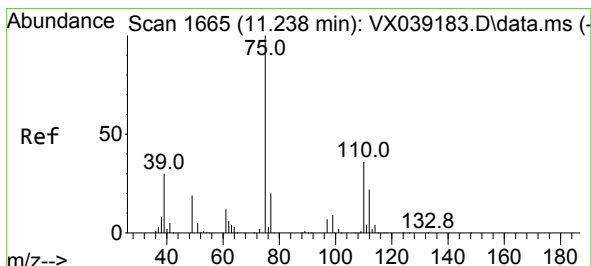
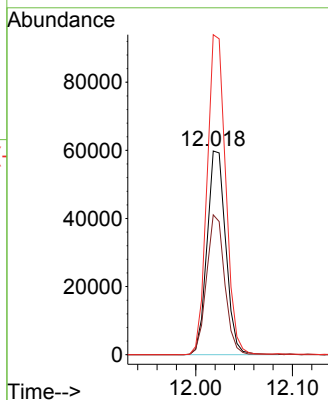
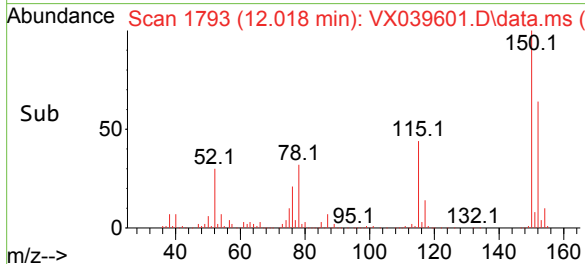


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039601.D
 Acq: 03 Jan 2024 14:51

Instrument :
 MSVOA_X
 ClientSampleId :

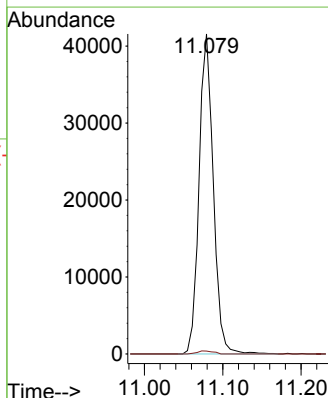
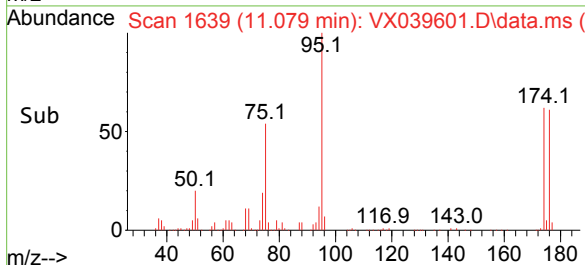
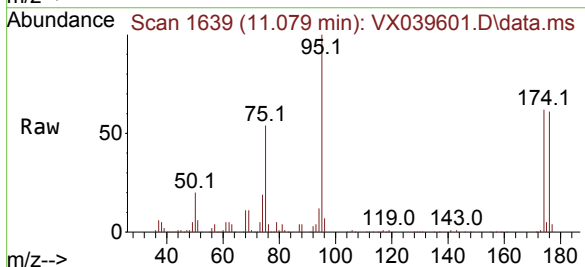


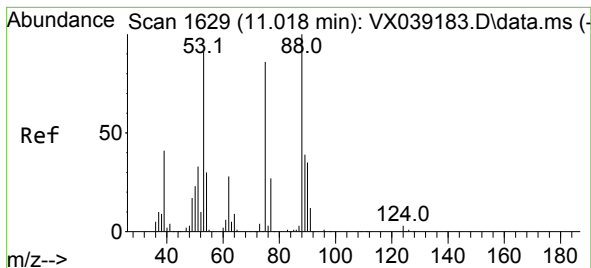
Tgt Ion:152 Resp: 80276
 Ion Ratio Lower Upper
 152 100
 115 67.0 43.3 129.9
 150 156.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.268 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX039601.D
 Acq: 03 Jan 2024 14:51

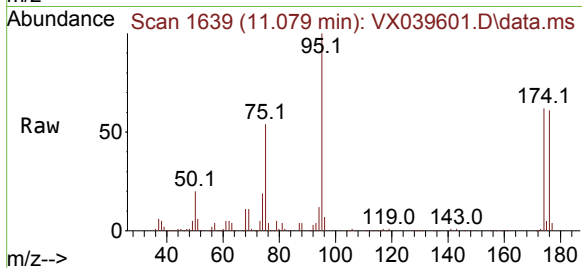
Tgt Ion: 75 Resp: 52479
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#



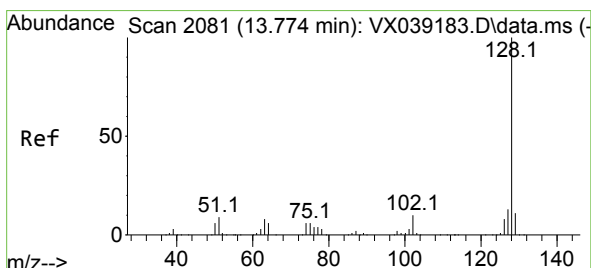
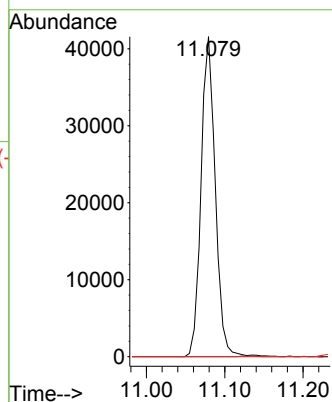
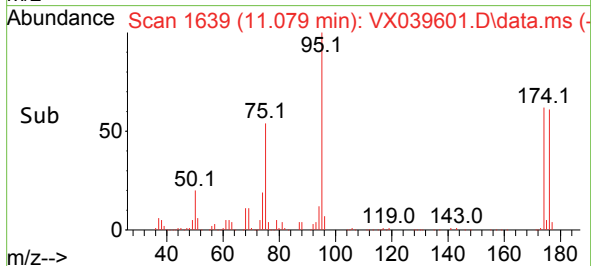


#81
trans-1,4-Dichloro-2-butene
Concen: 71.281 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 52479
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.226 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX039601.D
Acq: 03 Jan 2024 14:51

Tgt Ion: 128 Resp: 1327
Ion Ratio Lower Upper
128 100
127 11.2 10.3 15.5
129 9.6 8.8 13.2

