

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042924\
 Data File : VX041280.D
 Acq On : 29 Apr 2024 17:04
 Operator : JC/MD
 Sample : P2270-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

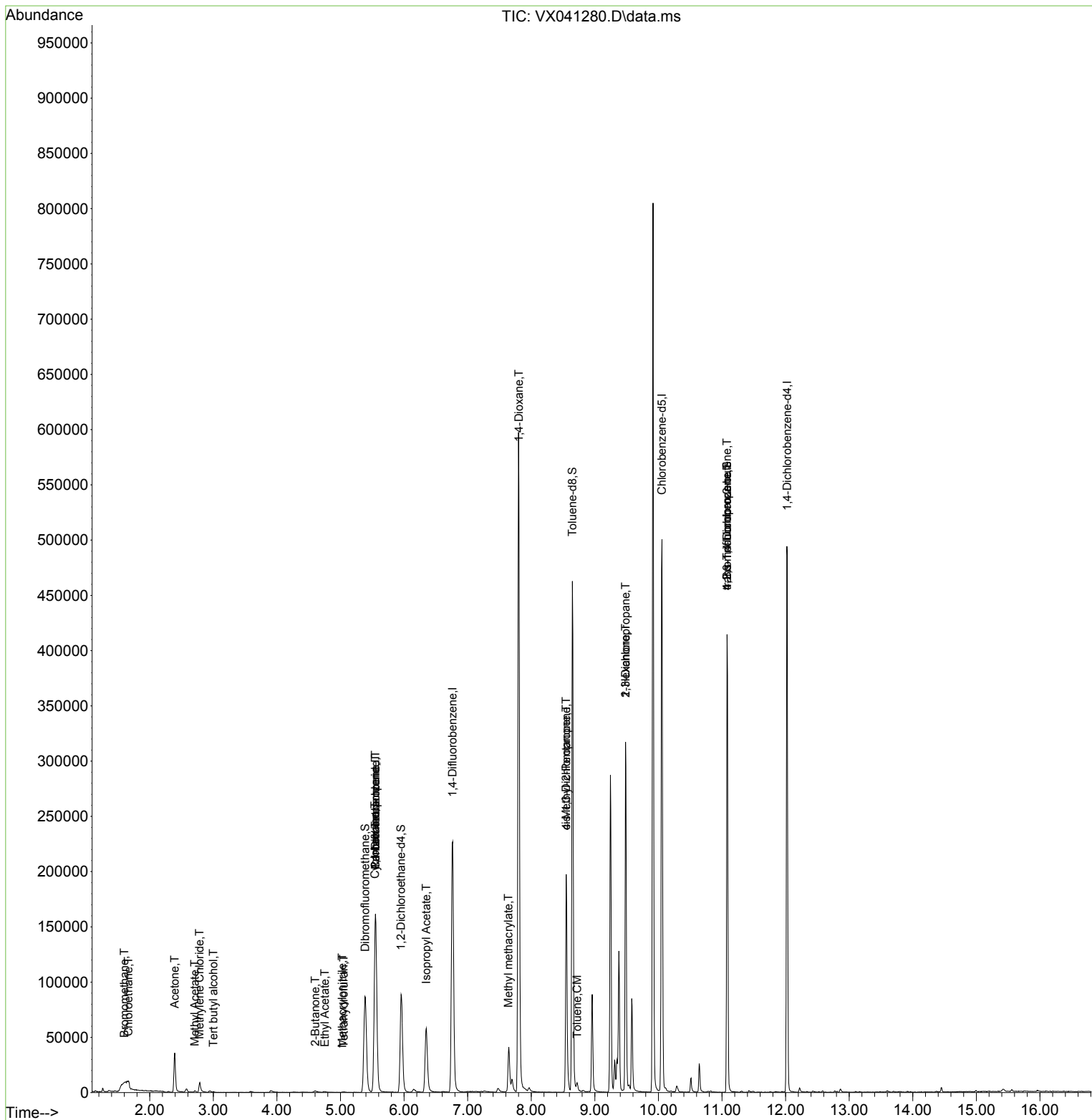
Instrument :
 MSVOA_X
 ClientSampleId :

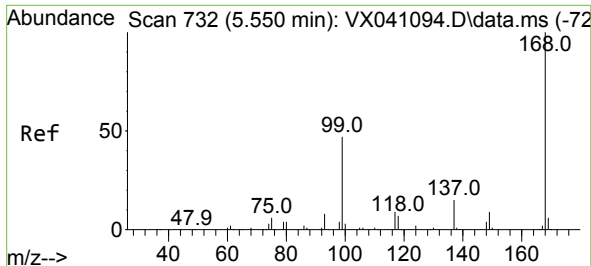
Quant Time: Apr 30 02:13:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	173562	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	251411	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89237	54.012	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.020%	
35) Dibromofluoromethane	5.385	113	74558	48.753	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.500%	
50) Toluene-d8	8.647	98	274094	53.122	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.240%	
62) 4-Bromofluorobenzene	11.079	95	99934	52.474	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.940%	
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	623	0.744	ug/l	# 66
6) Chloroethane	1.666	64	160	0.283	ug/l	# 43
11) Tert butyl alcohol	3.002	59	672	2.270	ug/l	# 78
16) Acetone	2.392	43	39843	66.252	ug/l	99
18) Methyl Acetate	2.709	43	1928	1.084	ug/l	94
20) Methylene Chloride	2.782	84	4516	3.075	ug/l	89
25) 2-Butanone	4.605	43	3063	2.982	ug/l	93
29) Tetrahydrofuran	5.050	42	570	0.815	ug/l	# 42
31) Cyclohexane	5.544	56	3156	1.419	ug/l	# 17
36) 1,1-Dichloropropene	5.550	75	10925	5.583	ug/l	# 51
37) Ethyl Acetate	4.751	43	2380	1.109	ug/l	# 81
38) Carbon Tetrachloride	5.550	117	14988	6.858	ug/l	# 15
41) Methacrylonitrile	5.026	41	281	0.251	ug/l	# 29
43) Isopropyl Acetate	6.349	43	83640	24.185	ug/l	99
48) Methyl methacrylate	7.641	41	2416	1.477	ug/l	# 39
49) 1,4-Dioxane	7.806	88	42	1.193	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	70075	32.372	ug/l	# 50
52) Toluene	8.720	92	2741	0.720	ug/l	100
54) cis-1,3-Dichloropropene	8.549	75	31191	14.045	ug/l	# 59
57) 1,3-Dichloropropane	9.482	76	2928	1.190	ug/l	# 42
59) 2-Hexanone	9.482	43	39698	23.915	ug/l	# 53
76) 1,2,3-Trichloropropane	11.079	75	52296	27.900	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	52296	78.714	ug/l	# 5

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

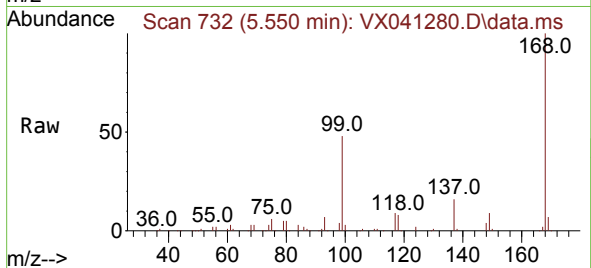
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration



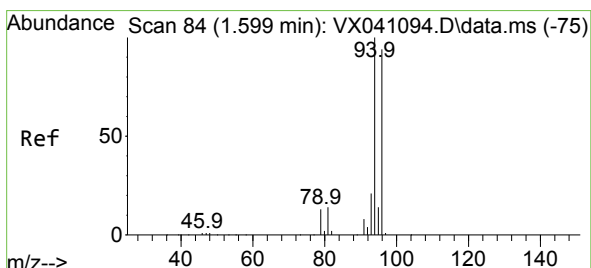
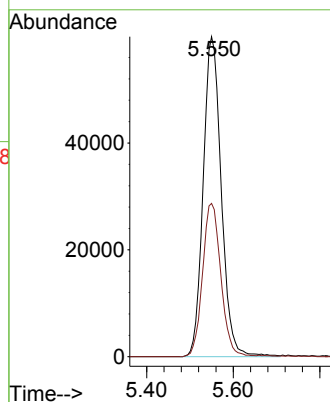
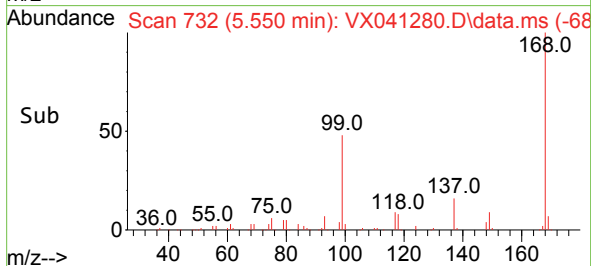


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041280.D
Acq: 29 Apr 2024 17:04

Instrument :
MSVOA_X
ClientSampleId :

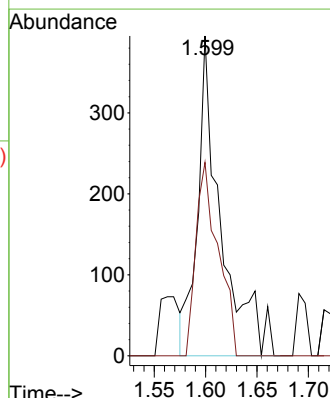
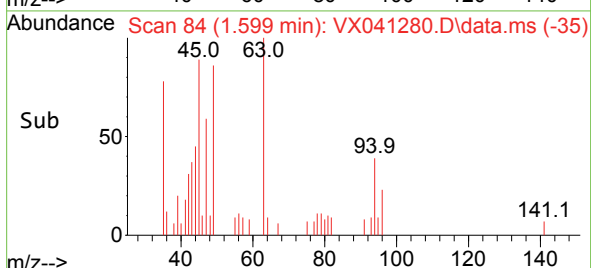
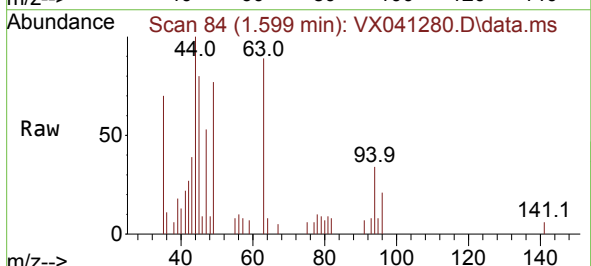


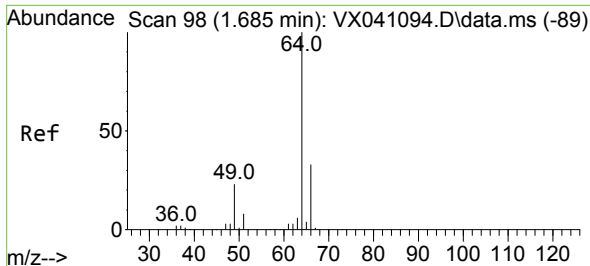
Tgt Ion:168 Resp: 173562
Ion Ratio Lower Upper
168 100
99 47.9 56.6 85.0#



#5
Bromomethane
Concen: 0.744 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041280.D
Acq: 29 Apr 2024 17:04

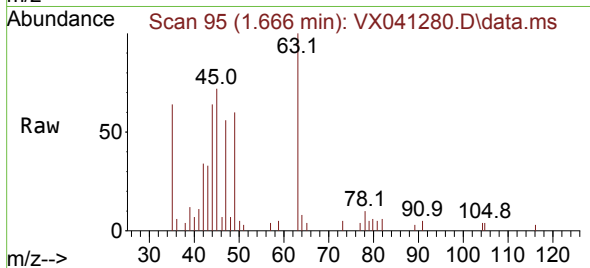
Tgt Ion: 94 Resp: 623
Ion Ratio Lower Upper
94 100
96 60.5 74.6 111.8#



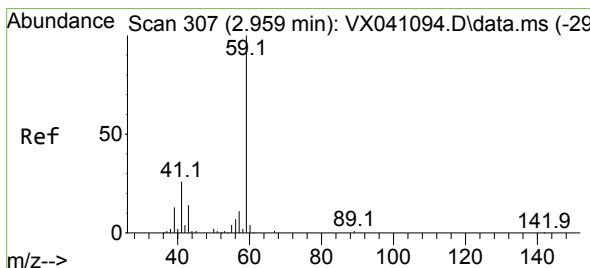
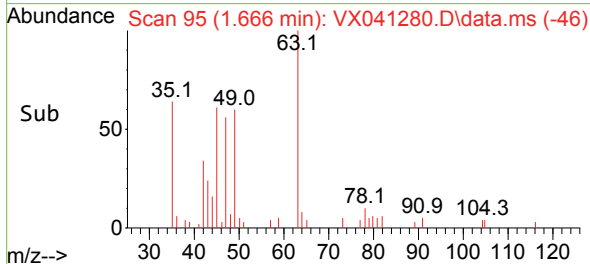
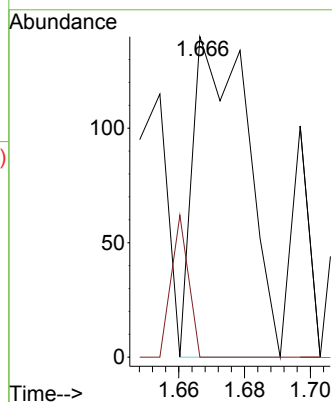


#6
Chloroethane
Concen: 0.283 ug/l
RT: 1.666 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041280.D
Acq: 29 Apr 2024 17:04

Instrument :
MSVOA_X
ClientSampleId :

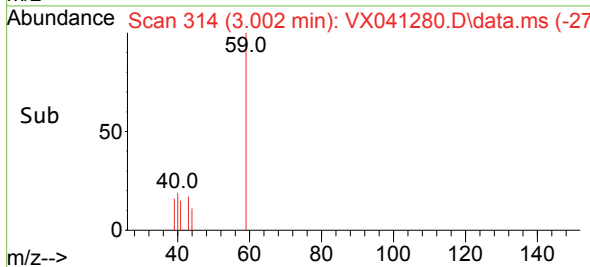
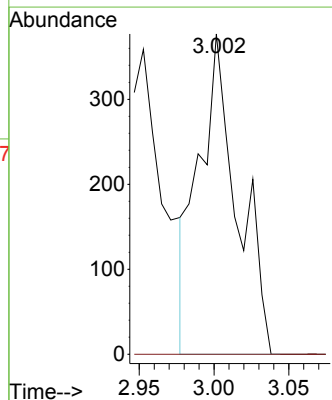
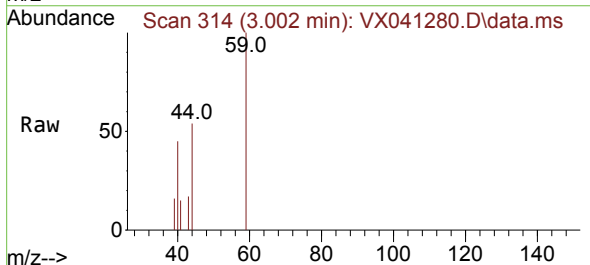


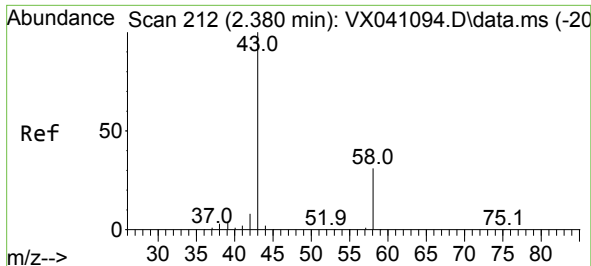
Tgt Ion: 64 Resp: 160
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 2.270 ug/l
RT: 3.002 min Scan# 314
Delta R.T. -0.061 min
Lab File: VX041280.D
Acq: 29 Apr 2024 17:04

Tgt Ion: 59 Resp: 672
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

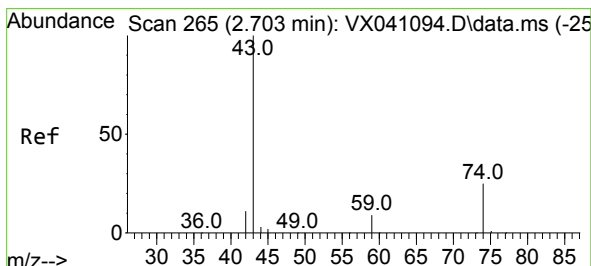
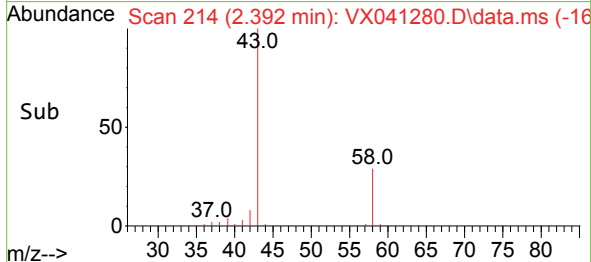
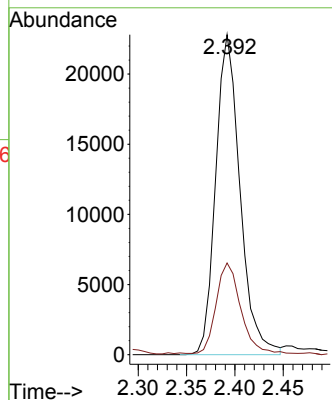
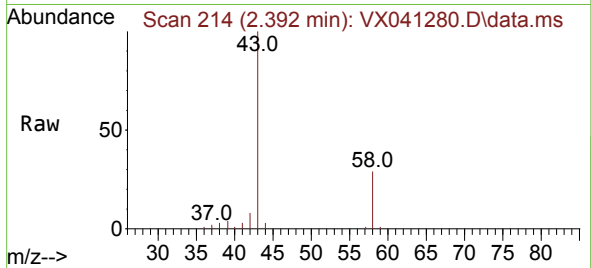




#16
Acetone
Concen: 66.252 ug/l
RT: 2.392 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX041280.D
Acq: 29 Apr 2024 17:04

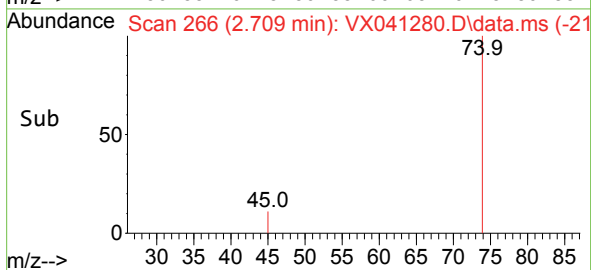
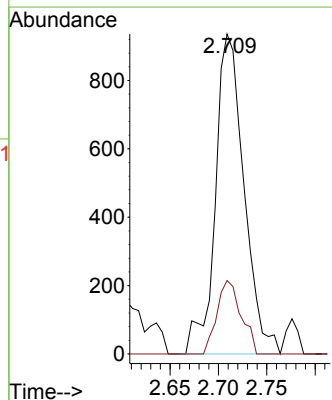
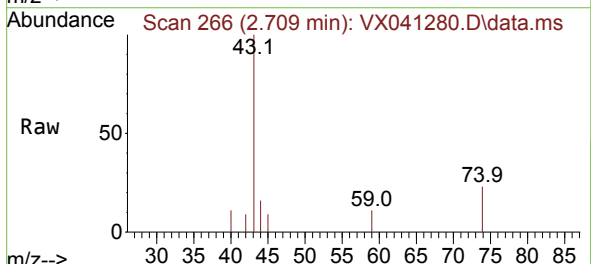
Instrument :
MSVOA_X
ClientSampleId :

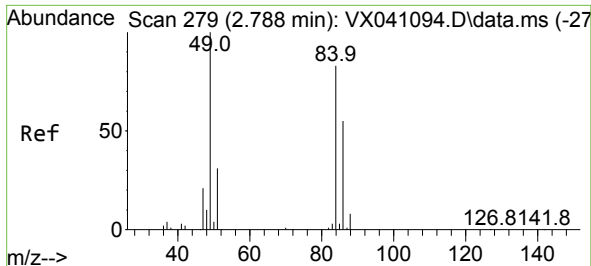
Tgt Ion: 43 Resp: 39843
Ion Ratio Lower Upper
43 100
58 28.1 21.9 32.9



#18
Methyl Acetate
Concen: 1.084 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041280.D
Acq: 29 Apr 2024 17:04

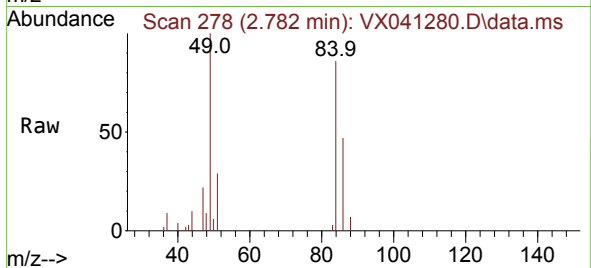
Tgt Ion: 43 Resp: 1928
Ion Ratio Lower Upper
43 100
74 19.4 17.8 26.8



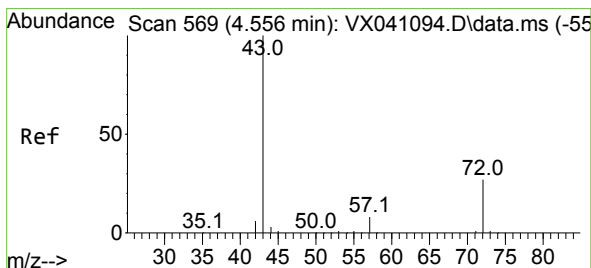
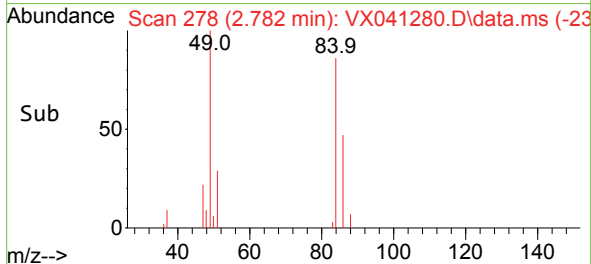
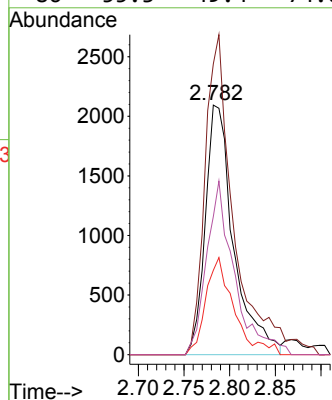


#20
Methylene Chloride
Concen: 3.075 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041280.D
Acq: 29 Apr 2024 17:04

Instrument :
MSVOA_X
ClientSampleId :

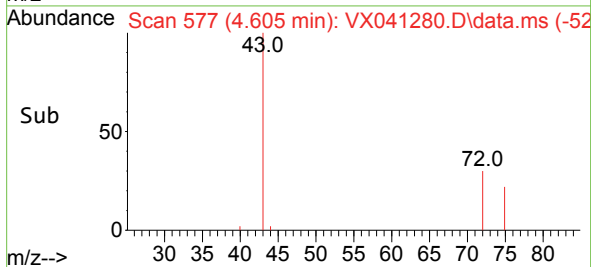
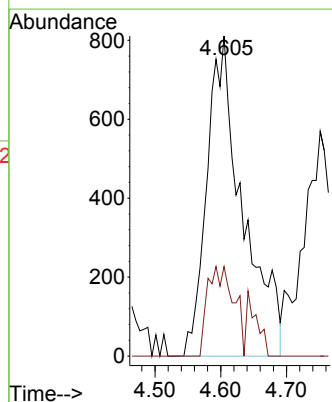
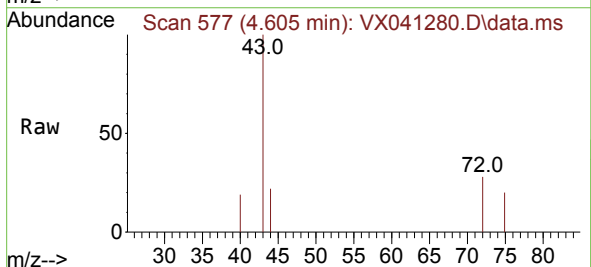


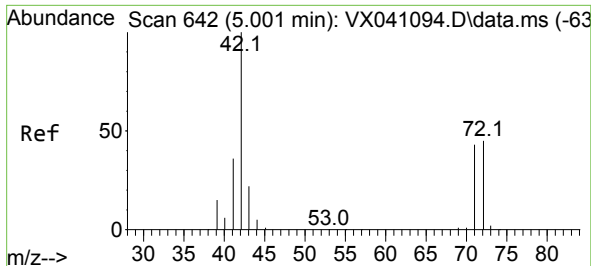
Tgt Ion:	84	Resp:	4516
Ion	Ratio	Lower	Upper
84	100		
49	116.5	103.6	155.4
51	33.8	33.8	50.6
86	55.3	49.4	74.0



#25
2-Butanone
Concen: 2.982 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.037 min
Lab File: VX041280.D
Acq: 29 Apr 2024 17:04

Tgt Ion:	43	Resp:	3063
Ion	Ratio	Lower	Upper
43	100		
72	28.0	19.4	29.2





#29

Tetrahydrofuran

Concen: 0.815 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.037 min

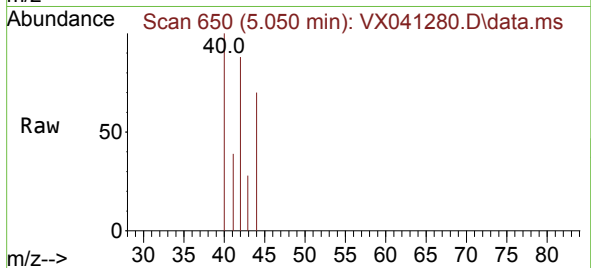
Lab File: VX041280.D

Acq: 29 Apr 2024 17:04

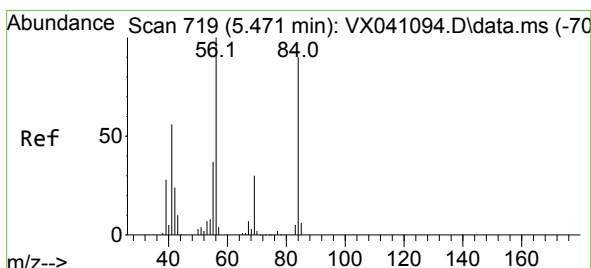
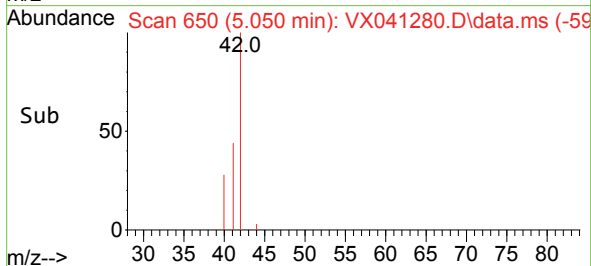
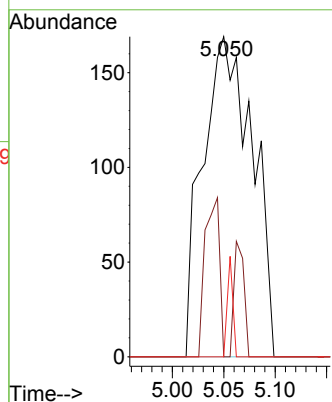
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	570
Ion	Ratio	Lower	Upper
42	100		
72	7.2	34.2	51.4#
71	3.3	32.2	48.2#



#31

Cyclohexane

Concen: 1.419 ug/l

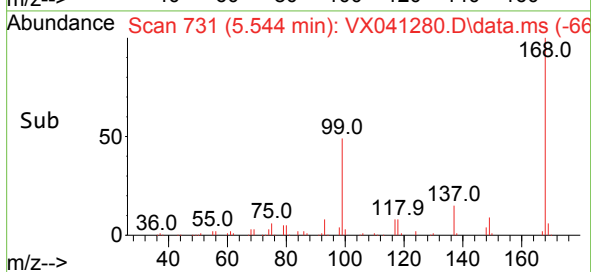
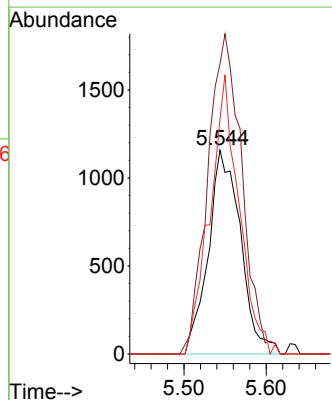
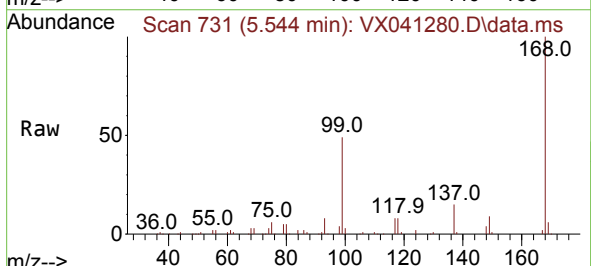
RT: 5.544 min Scan# 731

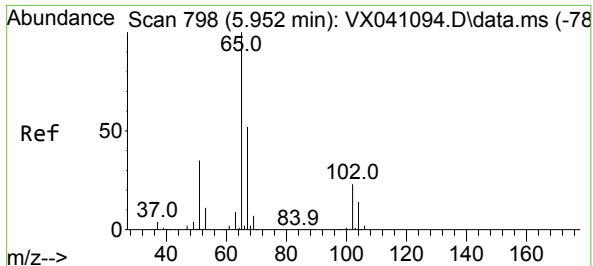
Delta R.T. 0.079 min

Lab File: VX041280.D

Acq: 29 Apr 2024 17:04

Tgt Ion:	56	Resp:	3156
Ion	Ratio	Lower	Upper
56	100		
69	142.6	23.4	35.2#
84	115.4	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 54.012 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041280.D

Acq: 29 Apr 2024 17:04

Instrument :

MSVOA_X

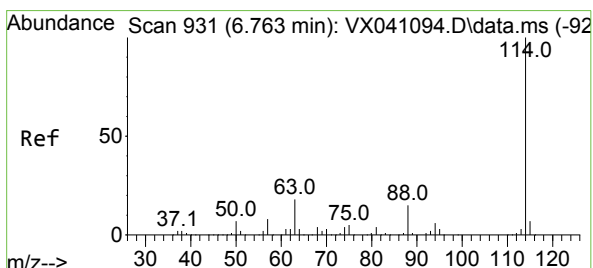
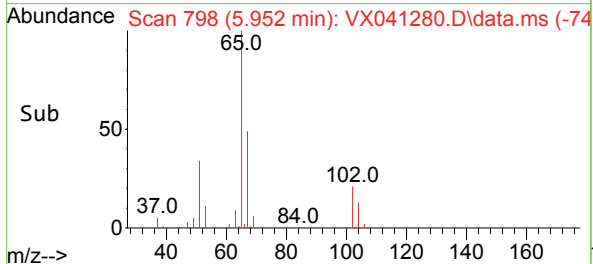
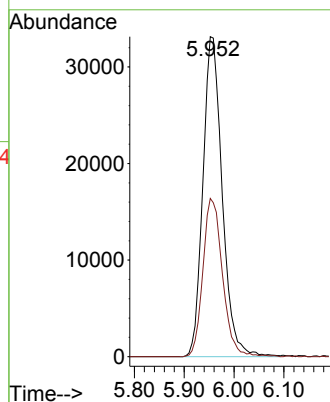
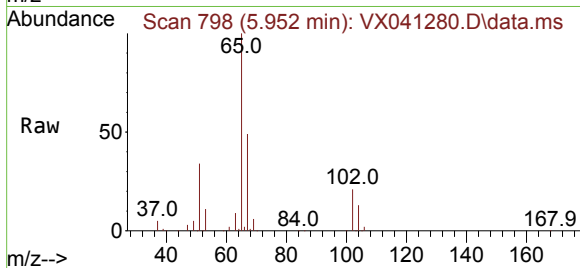
ClientSampleId :

Tgt Ion: 65 Resp: 89237

Ion Ratio Lower Upper

65 100

67 50.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041280.D

Acq: 29 Apr 2024 17:04

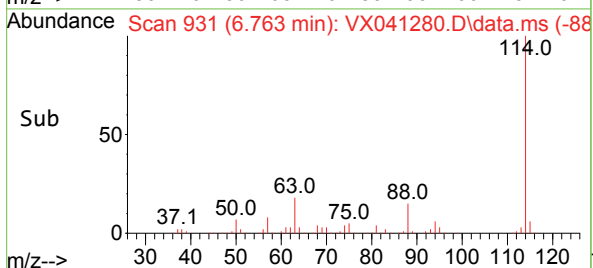
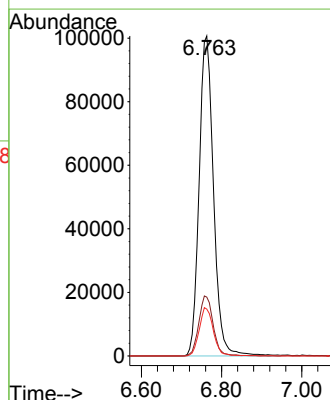
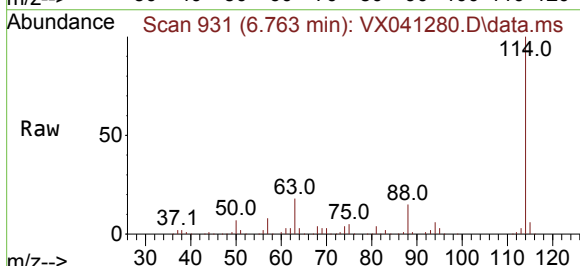
Tgt Ion: 114 Resp: 251411

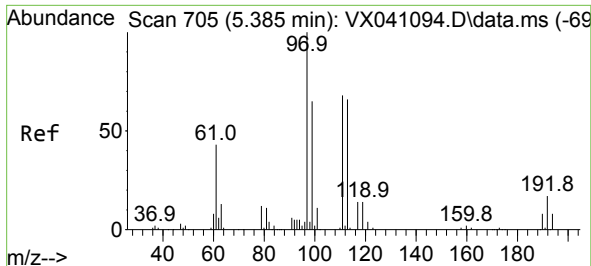
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

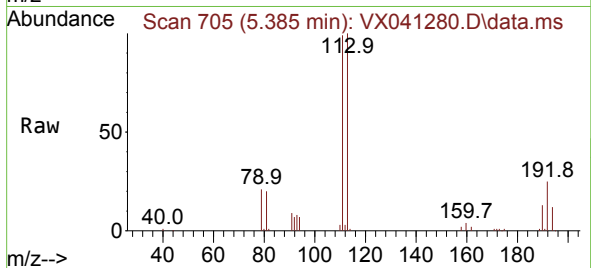
88 14.6 0.0 36.6



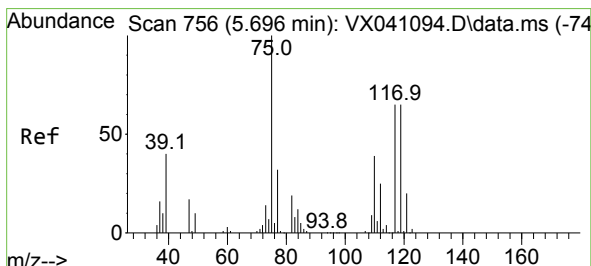
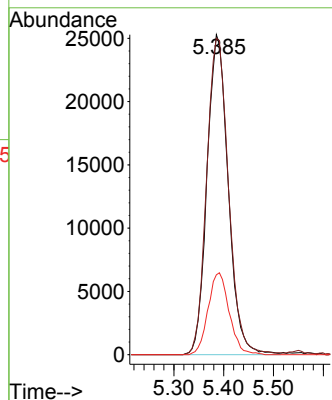
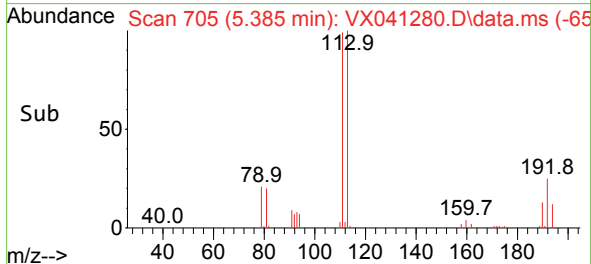


#35
Dibromofluoromethane
Concen: 48.753 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041280.D
Acq: 29 Apr 2024 17:04

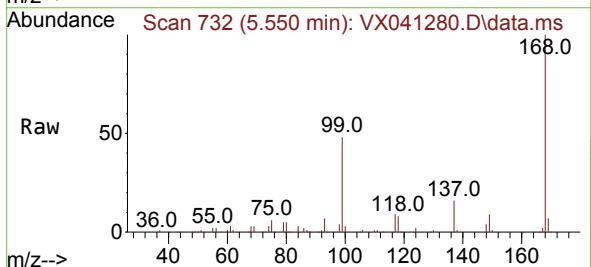
Instrument :
MSVOA_X
ClientSampleId :



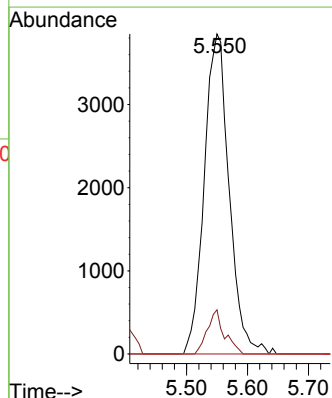
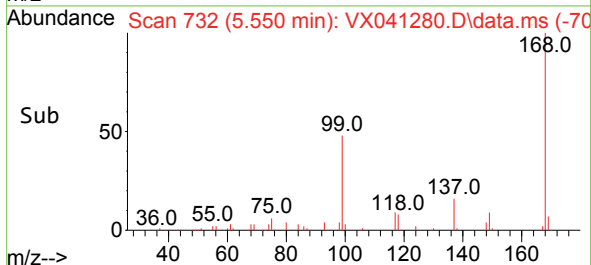
Tgt Ion: 113 Resp: 74558
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 25.5 13.3 19.9#

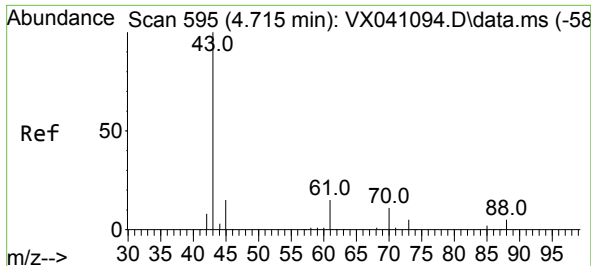


#36
1,1-Dichloropropene
Concen: 5.583 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041280.D
Acq: 29 Apr 2024 17:04



Tgt Ion: 75 Resp: 10925
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.109 ug/l

RT: 4.751 min Scan# 601

Delta R.T. 0.031 min

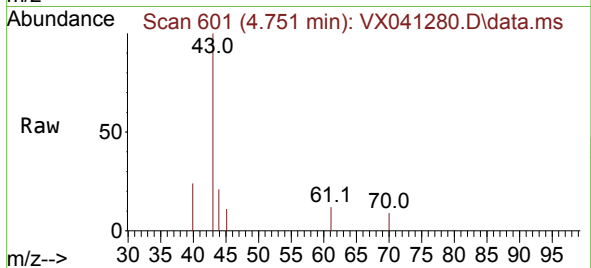
Lab File: VX041280.D

Acq: 29 Apr 2024 17:04

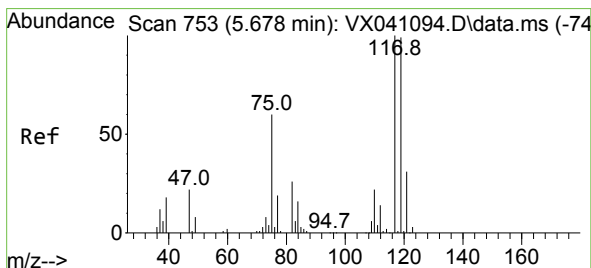
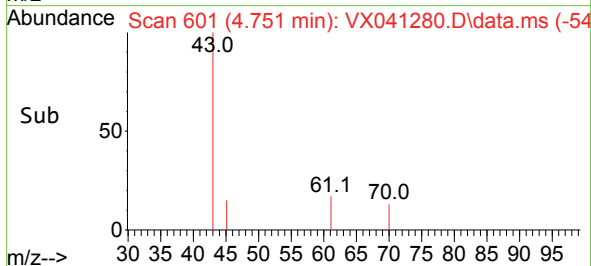
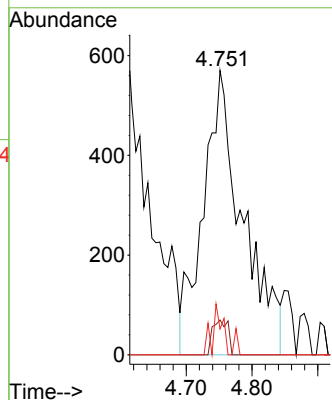
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	2380
Ion	Ratio	Lower	Upper
43	100		
61	4.8	10.6	16.0#
70	4.5	8.3	12.5#



#38

Carbon Tetrachloride

Concen: 6.858 ug/l

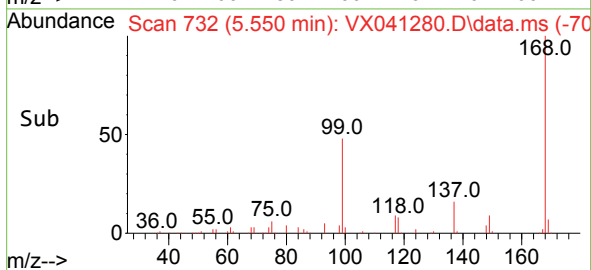
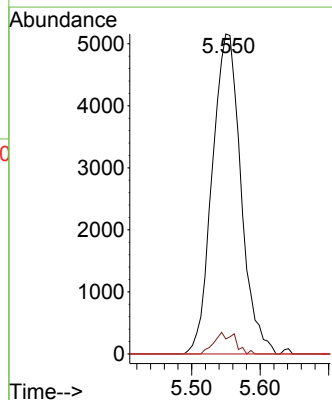
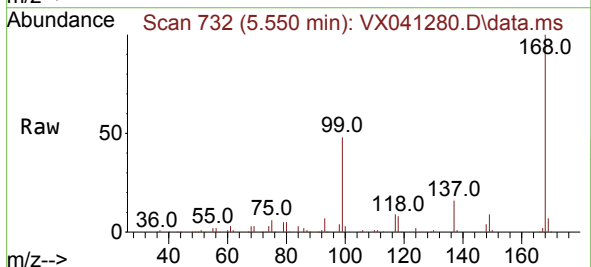
RT: 5.550 min Scan# 732

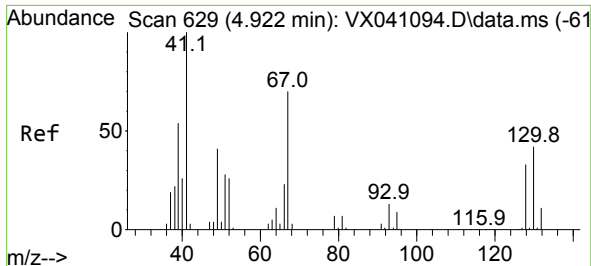
Delta R.T. -0.122 min

Lab File: VX041280.D

Acq: 29 Apr 2024 17:04

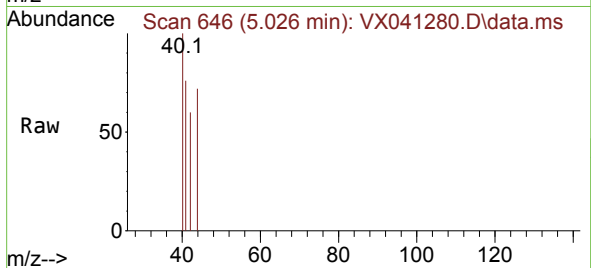
Tgt Ion:	117	Resp:	14988
Ion	Ratio	Lower	Upper
117	100		
119	4.7	78.2	117.2#
121	0.0	24.4	36.6#



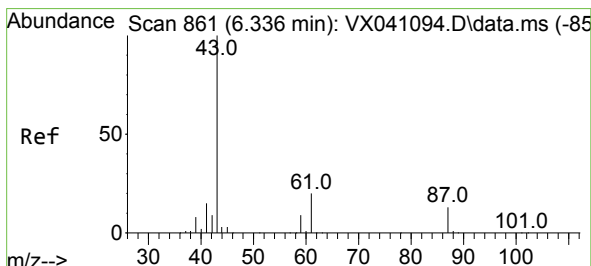
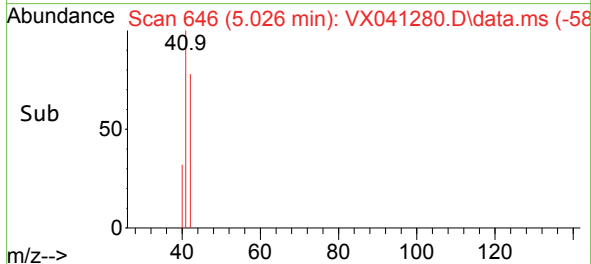
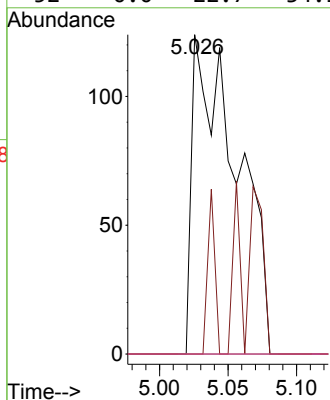


#41
Methacrylonitrile
Concen: 0.251 ug/l
RT: 5.026 min Scan# 641
Delta R.T. 0.098 min
Lab File: VX041280.D
Acq: 29 Apr 2024 17:04

Instrument :
MSVOA_X
ClientSampleId :

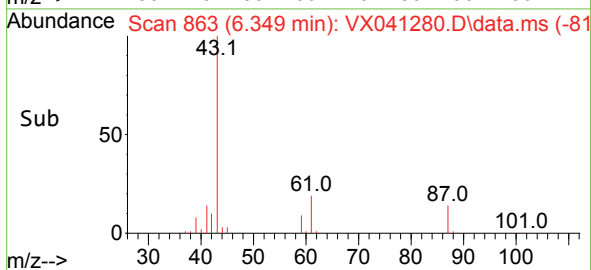
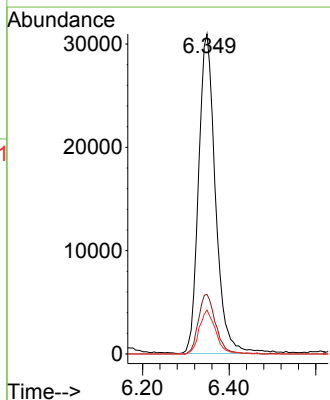
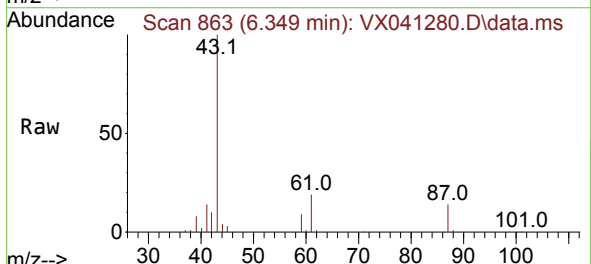


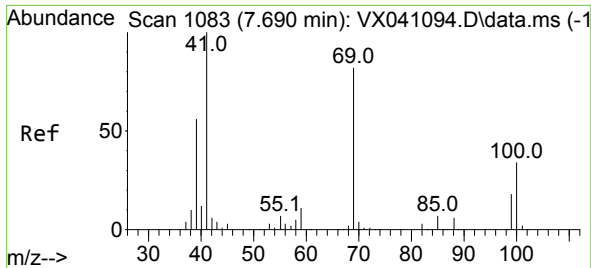
Tgt Ion:	41	Resp:	281
Ion	Ratio	Lower	Upper
41	100		
39	8.2	45.2	67.8#
67	0.0	52.6	78.8#
52	0.0	22.7	34.1#



#43
Isopropyl Acetate
Concen: 24.185 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX041280.D
Acq: 29 Apr 2024 17:04

Tgt Ion:	43	Resp:	83640
Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.2	22.8
87	13.3	9.8	14.6





#48

Methyl methacrylate

Concen: 1.477 ug/l

RT: 7.641 min Scan# 1102

Delta R.T. -0.055 min

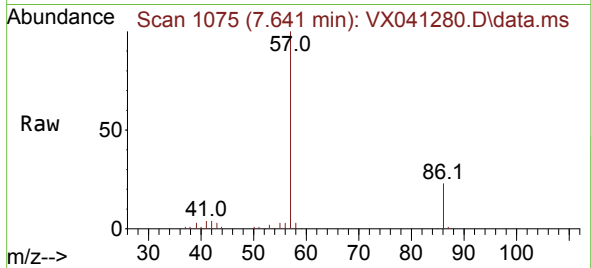
Lab File: VX041280.D

Acq: 29 Apr 2024 17:04

Instrument :

MSVOA_X

ClientSampleId :



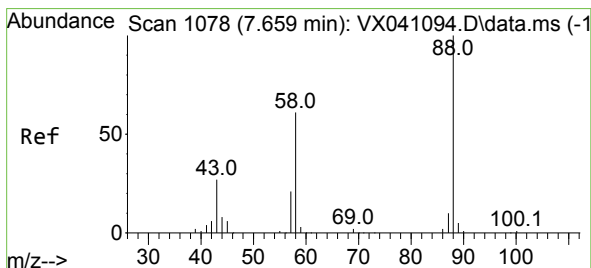
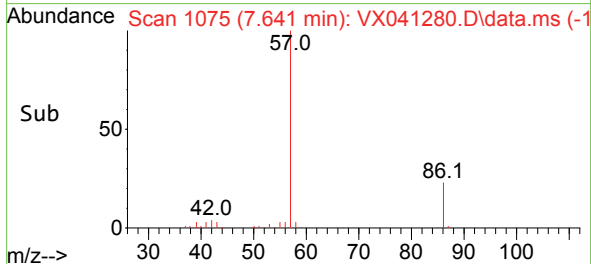
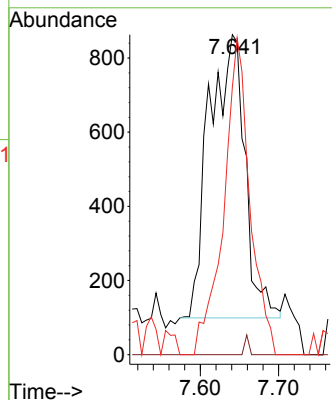
Tgt Ion: 41 Resp: 2416

Ion Ratio Lower Upper

41 100

69 0.8 59.2 88.8#

39 82.3 47.7 71.5#



#49

1,4-Dioxane

Concen: 1.193 ug/l

RT: 7.806 min Scan# 1102

Delta R.T. 0.128 min

Lab File: VX041280.D

Acq: 29 Apr 2024 17:04

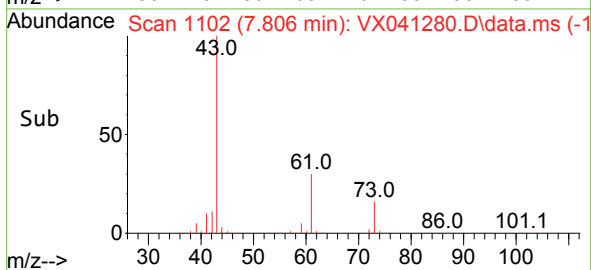
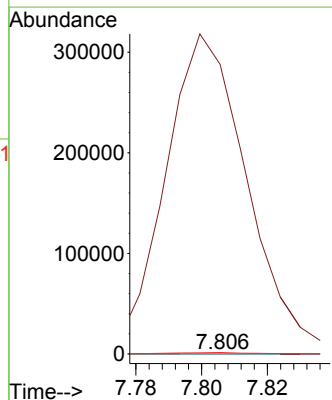
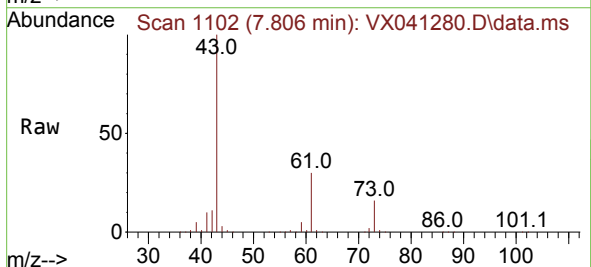
Tgt Ion: 88 Resp: 42

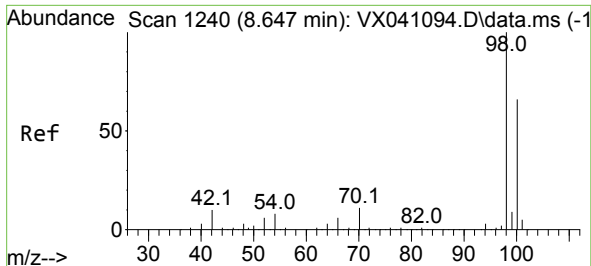
Ion Ratio Lower Upper

88 100

43 1344088.1 0.0 0.0#

58 5707.1 60.1 90.1#

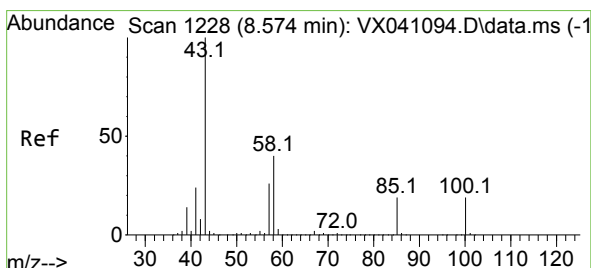
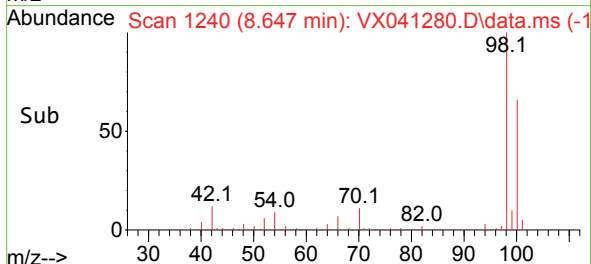
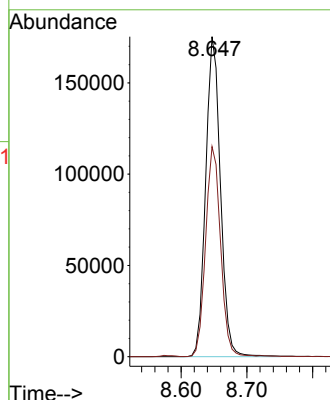
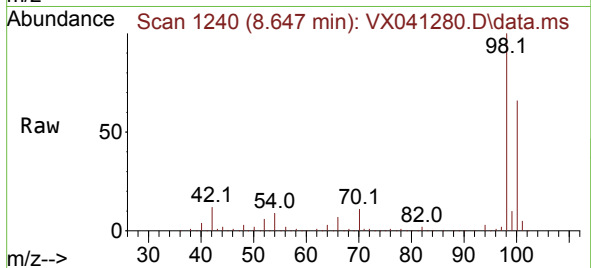




#50
Toluene-d8
Concen: 53.122 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041280.D
Acq: 29 Apr 2024 17:04

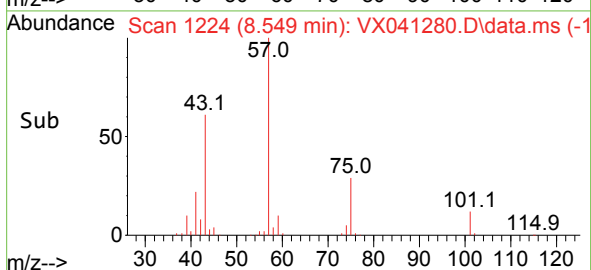
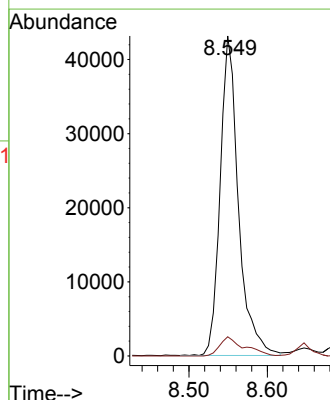
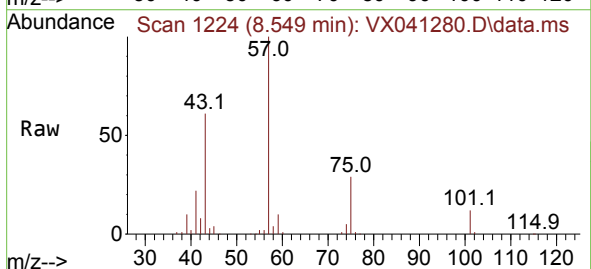
Instrument :
MSVOA_X
ClientSampleId :

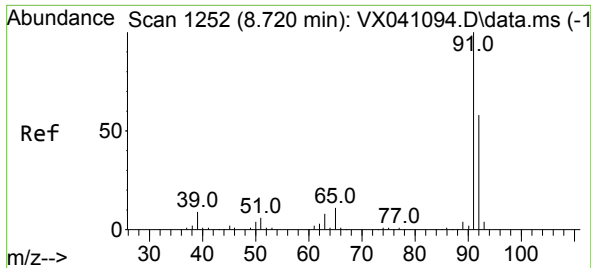
Tgt Ion: 98 Resp: 274094
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 32.372 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.030 min
Lab File: VX041280.D
Acq: 29 Apr 2024 17:04

Tgt Ion: 43 Resp: 70075
Ion Ratio Lower Upper
43 100
58 8.0 30.4 45.6#

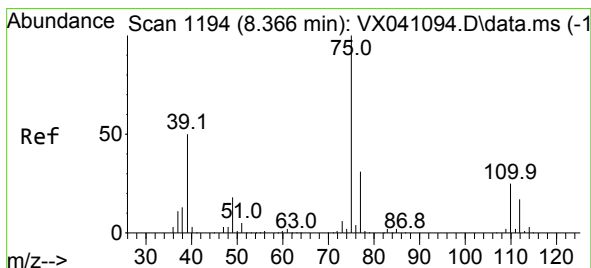
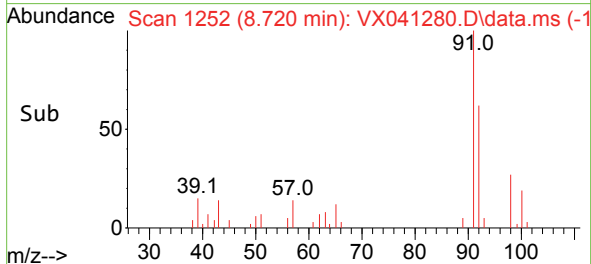
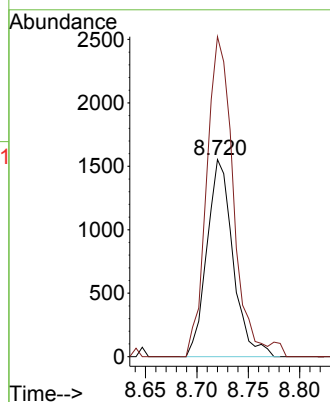
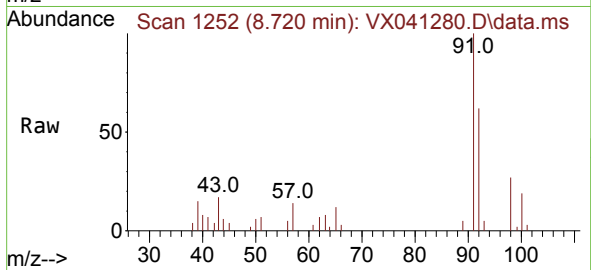




#52
Toluene
Concen: 0.720 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041280.D
Acq: 29 Apr 2024 17:04

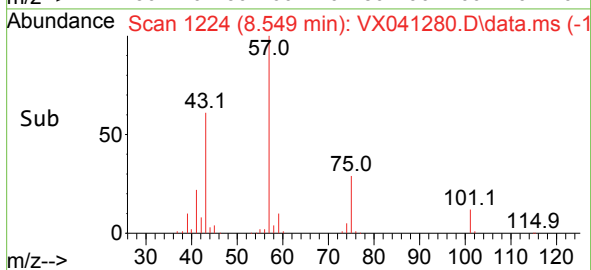
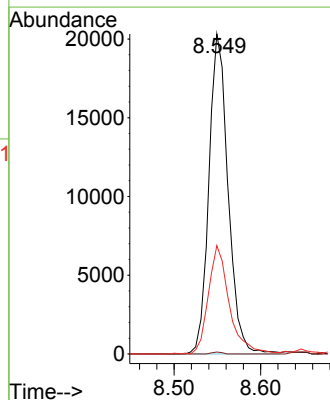
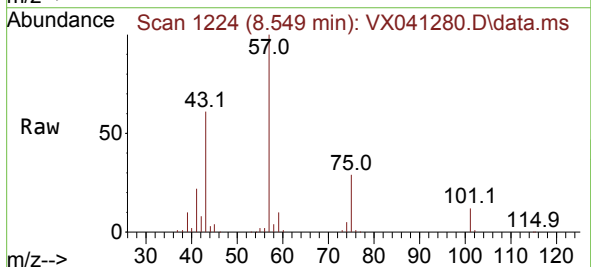
Instrument :
MSVOA_X
ClientSampleId :

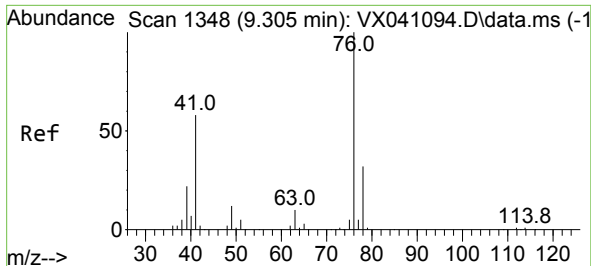
Tgt Ion: 92 Resp: 2741
Ion Ratio Lower Upper
92 100
91 167.4 134.2 201.2



#54
cis-1,3-Dichloropropene
Concen: 14.045 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX041280.D
Acq: 29 Apr 2024 17:04

Tgt Ion: 75 Resp: 31191
Ion Ratio Lower Upper
75 100
77 0.6 25.3 37.9#
39 33.8 46.7 70.1#





#57

1,3-Dichloropropane

Concen: 1.190 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX041280.D

Acq: 29 Apr 2024 17:04

Instrument :

MSVOA_X

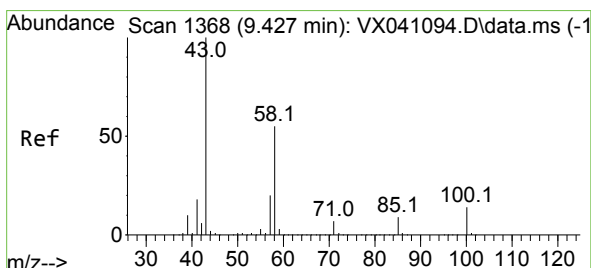
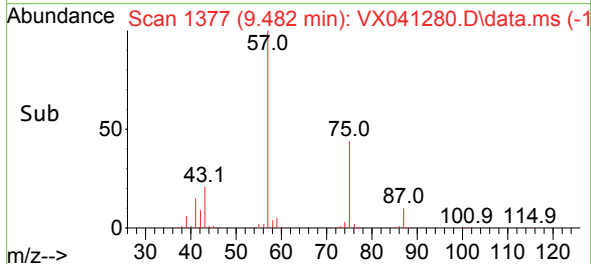
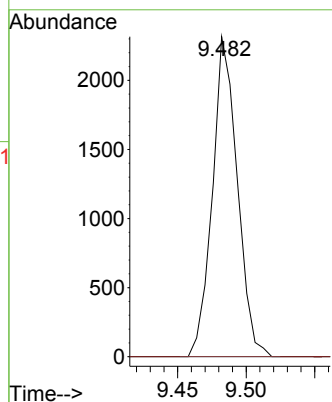
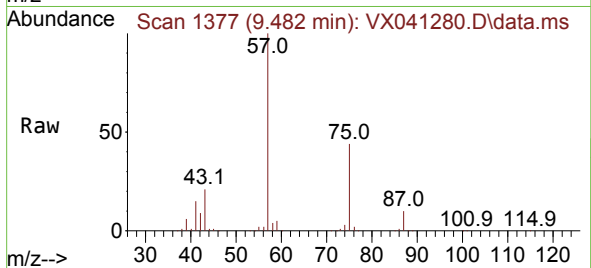
ClientSampleId :

Tgt Ion: 76 Resp: 2928

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 23.915 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX041280.D

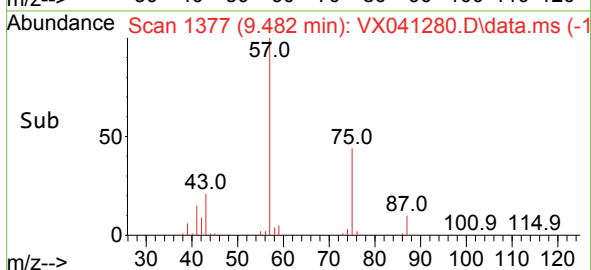
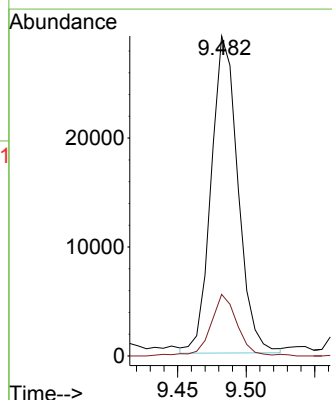
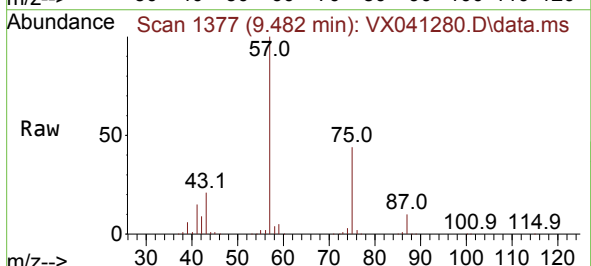
Acq: 29 Apr 2024 17:04

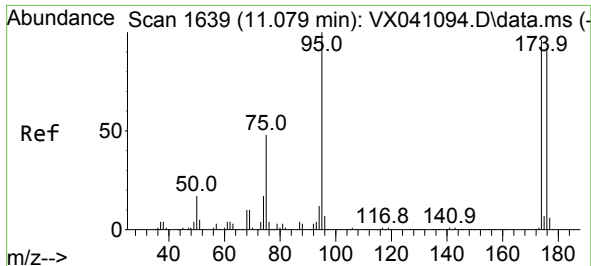
Tgt Ion: 43 Resp: 39698

Ion Ratio Lower Upper

43 100

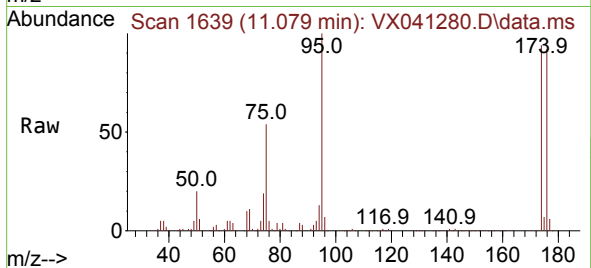
58 19.4 26.2 78.5#



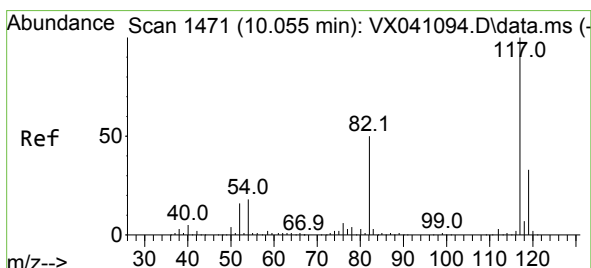
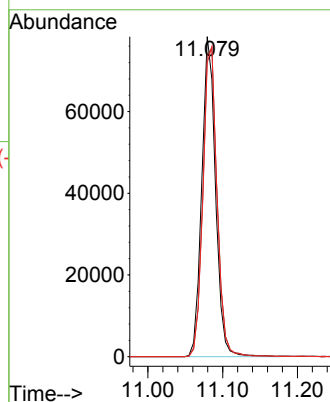
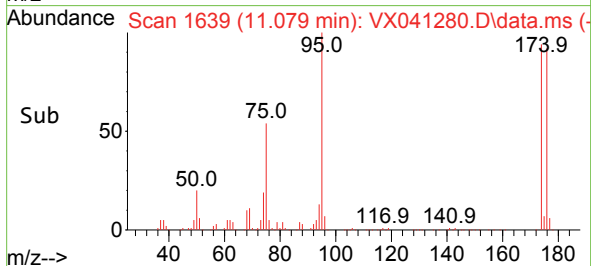


#62
4-Bromofluorobenzene
Concen: 52.474 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041280.D
Acq: 29 Apr 2024 17:04

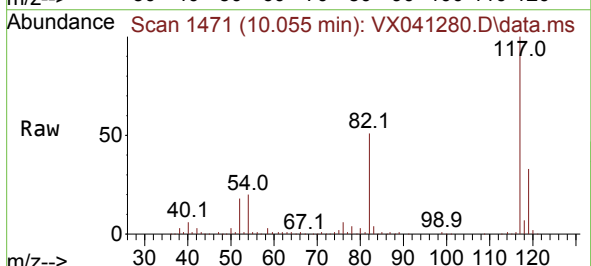
Instrument :
MSVOA_X
ClientSampleId :



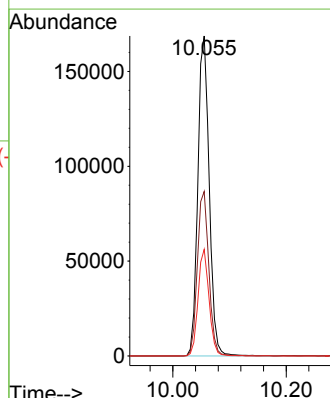
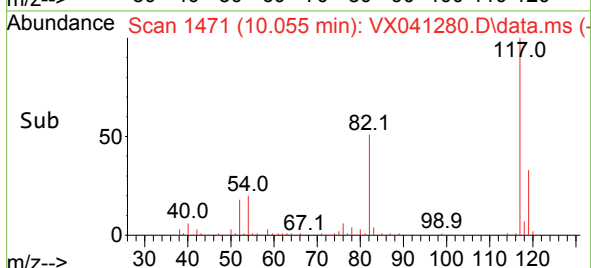
Tgt Ion: 95 Resp: 99934
Ion Ratio Lower Upper
95 100
174 100.5 0.0 135.6
176 98.5 0.0 131.0

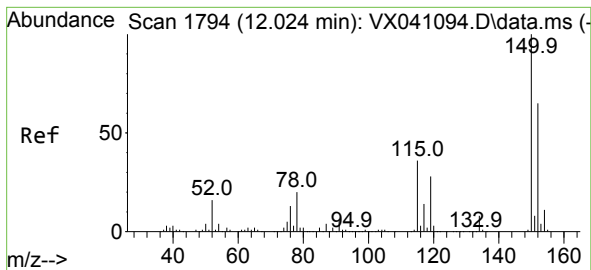


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041280.D
Acq: 29 Apr 2024 17:04



Tgt Ion: 117 Resp: 234329
Ion Ratio Lower Upper
117 100
82 51.4 46.2 69.4
119 33.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041280.D

Acq: 29 Apr 2024 17:04

Instrument :

MSVOA_X

ClientSampleId :

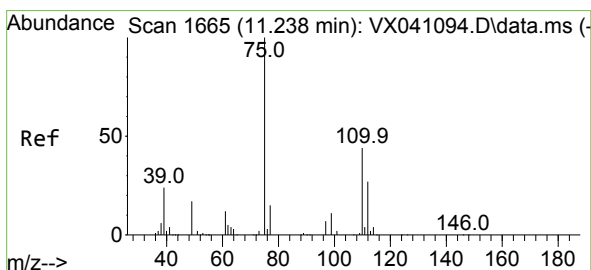
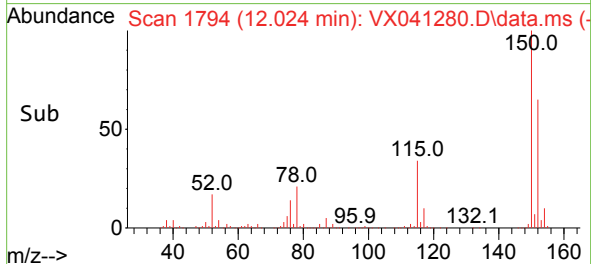
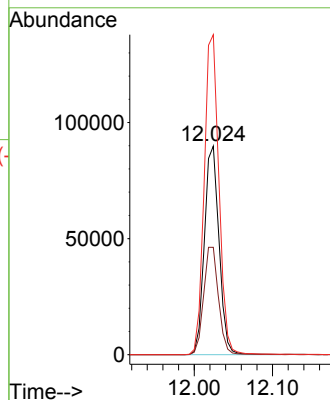
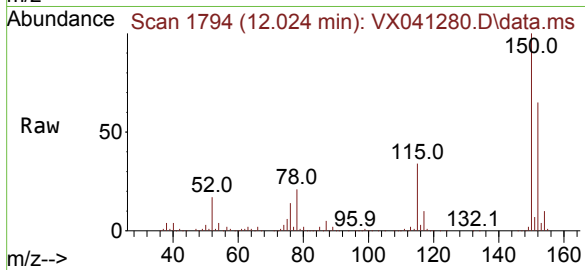
Tgt Ion:152 Resp: 116339

Ion Ratio Lower Upper

152 100

115 52.6 43.3 129.9

150 155.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 27.900 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041280.D

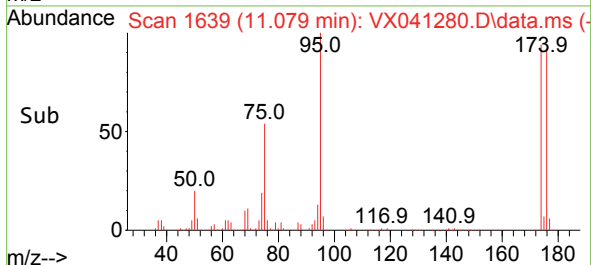
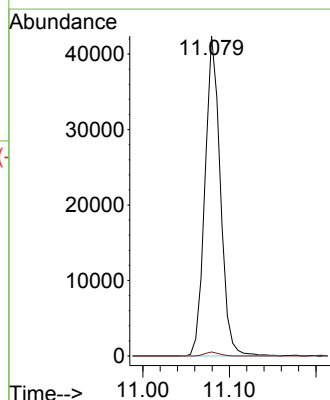
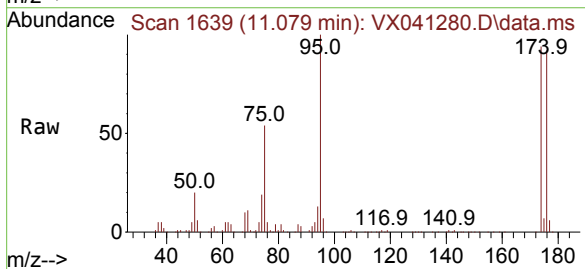
Acq: 29 Apr 2024 17:04

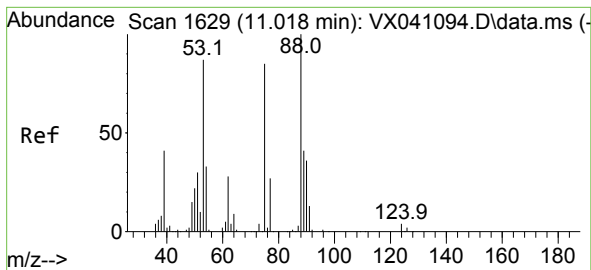
Tgt Ion: 75 Resp: 52296

Ion Ratio Lower Upper

75 100

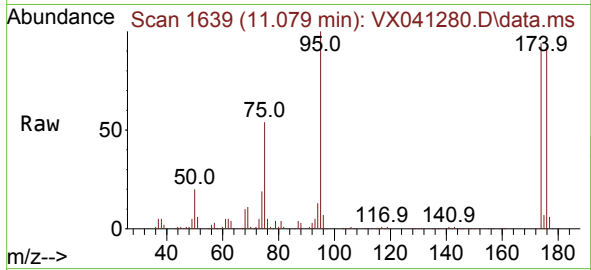
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.714 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041280.D
 Acq: 29 Apr 2024 17:04

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 52296
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

