

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071024\
 Data File : VX042264.D
 Acq On : 10 Jul 2024 13:59
 Operator : JC/MD
 Sample : PB161974ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 11 00:56:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

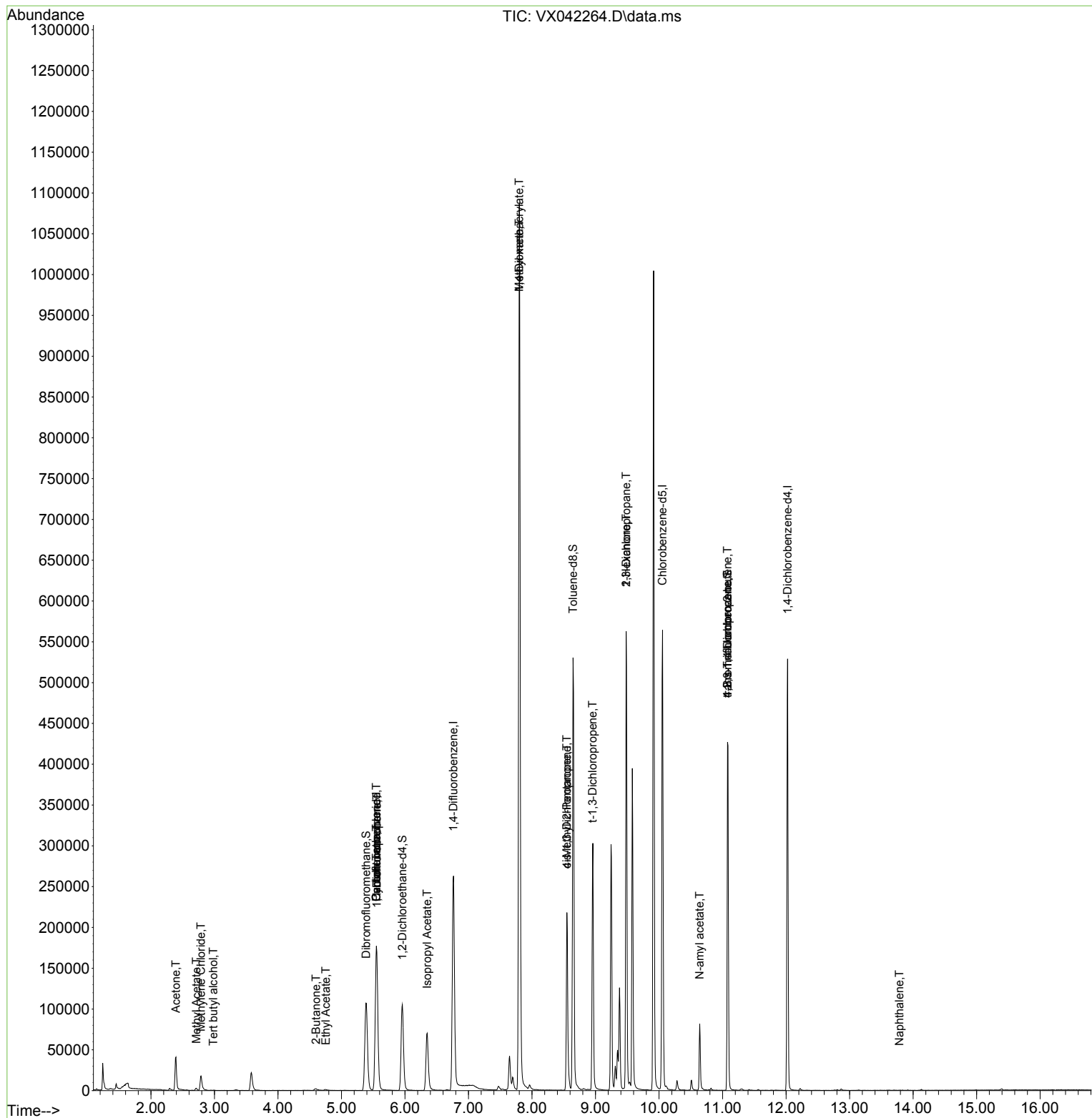
Internal Standards						
1) Pentafluorobenzene	5.549	168	196466	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	301592	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	278654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	102338	45.172	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.340%		
35) Dibromofluoromethane	5.385	113	96665	45.172	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.340%		
50) Toluene-d8	8.646	98	331474	44.092	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.180%#		
62) 4-Bromofluorobenzene	11.079	95	115102	41.535	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.060%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.666	64	119	Below Cal	#	43
11) Tert butyl alcohol	2.983	59	539	1.254	ug/l #	78
16) Acetone	2.391	43	49250	49.508	ug/l #	84
18) Methyl Acetate	2.715	43	3606	1.329	ug/l	97
20) Methylene Chloride	2.788	84	10788	4.953	ug/l #	87
25) 2-Butanone	4.598	43	5249	3.392	ug/l #	85
31) Cyclohexane	5.549	56	2578	0.973	ug/l #	1
36) 1,1-Dichloropropene	5.555	75	11384	5.010	ug/l #	50
37) Ethyl Acetate	4.751	43	2291	0.774	ug/l #	95
38) Carbon Tetrachloride	5.549	117	16391	6.528	ug/l #	15
43) Isopropyl Acetate	6.348	43	98791	21.742	ug/l	94
48) Methyl methacrylate	7.799	41	88698	40.903	ug/l #	45
49) 1,4-Dioxane	7.799	88	64	21.025	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	74320	23.745	ug/l #	54
53) t-1,3-Dichloropropene	8.951	75	676	1.147	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	37839	13.710	ug/l #	51
57) 1,3-Dichloropropane	9.482	76	5158	1.570	ug/l #	42
59) 2-Hexanone	9.482	43	63293	26.403	ug/l #	56
74) N-amyl acetate	10.640	43	19538	5.711	ug/l #	54
76) 1,2,3-Trichloropropane	11.079	75	52918	23.013	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52918	65.355	ug/l #	5
95) Naphthalene	13.786	128	322	0.783	ug/l #	69

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

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Operator : JC/MD
Sample : PB161974ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

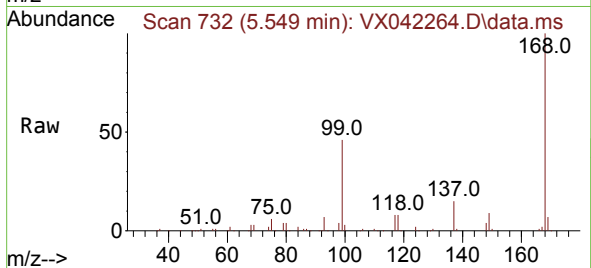
Quant Time: Jul 11 00:56:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration



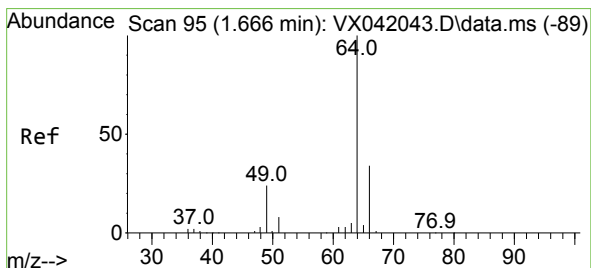
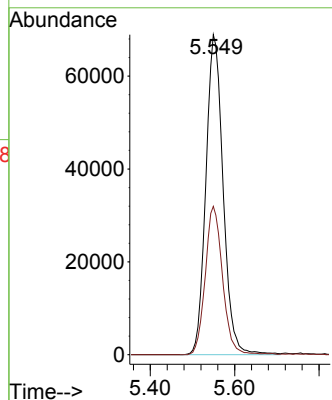
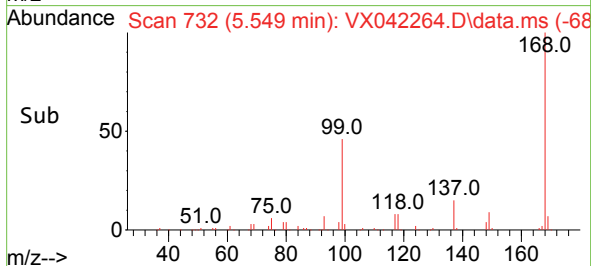


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX042264.D
Acq: 10 Jul 2024 13:59

Instrument :
MSVOA_X
ClientSampleId :

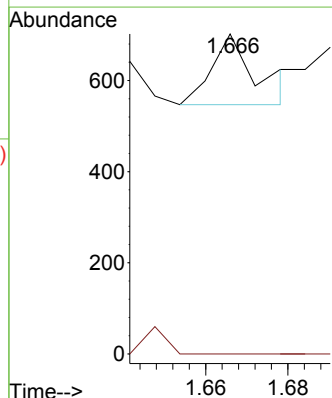
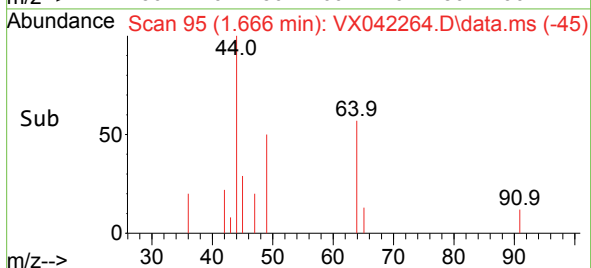
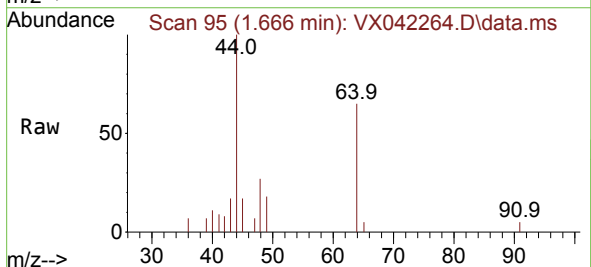


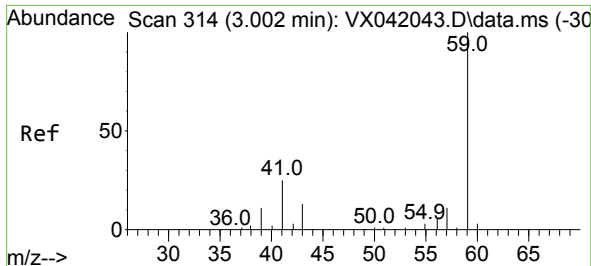
Tgt Ion:168 Resp: 196466
Ion Ratio Lower Upper
168 100
99 46.4 56.6 85.0#



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX042264.D
Acq: 10 Jul 2024 13:59

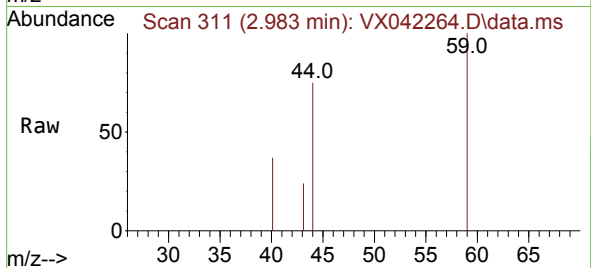
Tgt Ion: 64 Resp: 119
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



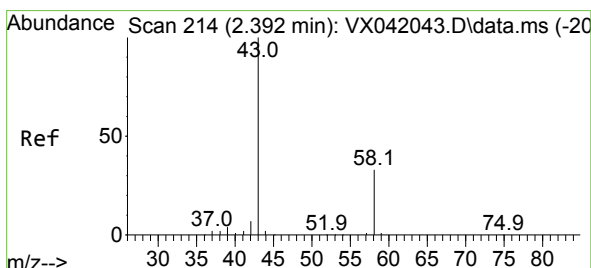
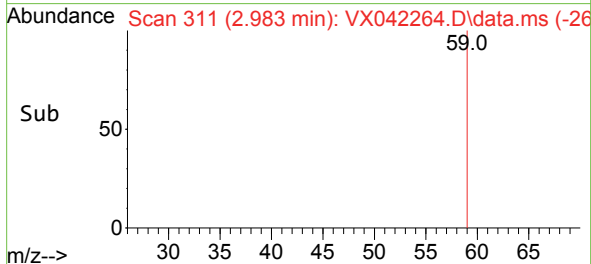
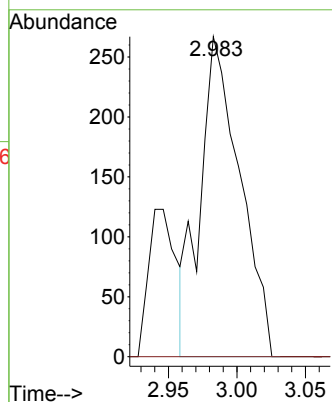


#11
Tert butyl alcohol
Concen: 1.254 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.025 min
Lab File: VX042264.D
Acq: 10 Jul 2024 13:59

Instrument :
MSVOA_X
ClientSampleId :

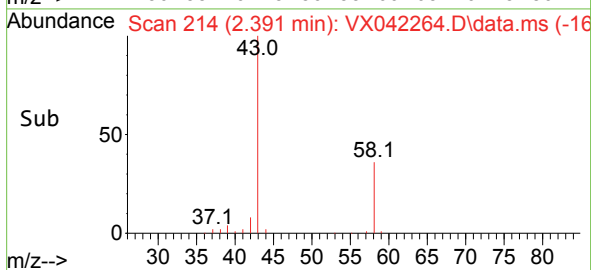
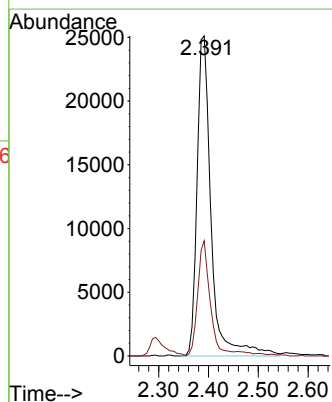
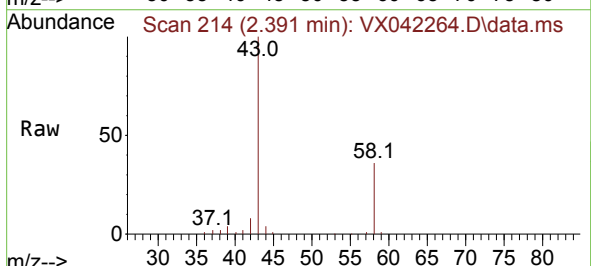


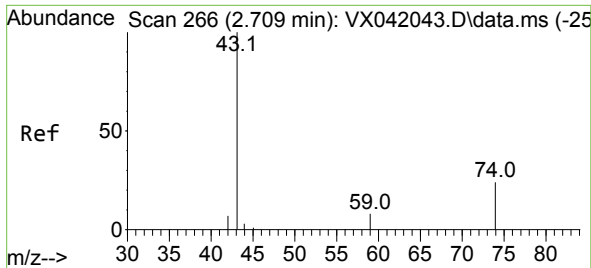
Tgt Ion: 59 Resp: 539
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 49.508 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042264.D
Acq: 10 Jul 2024 13:59

Tgt Ion: 43 Resp: 49250
Ion Ratio Lower Upper
43 100
58 35.6 21.9 32.9#

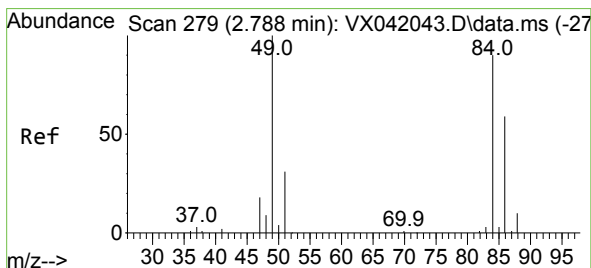
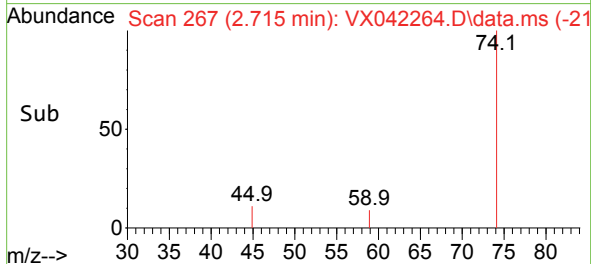
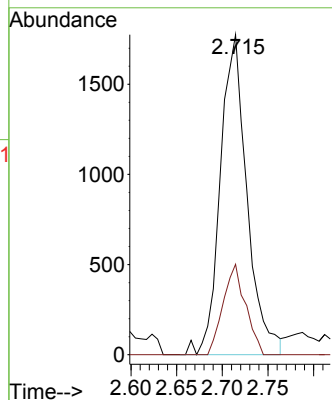
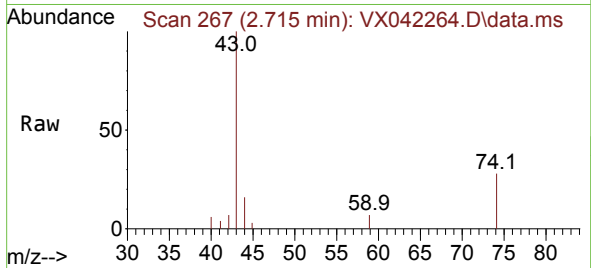




#18
Methyl Acetate
Concen: 1.329 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX042264.D
Acq: 10 Jul 2024 13:59

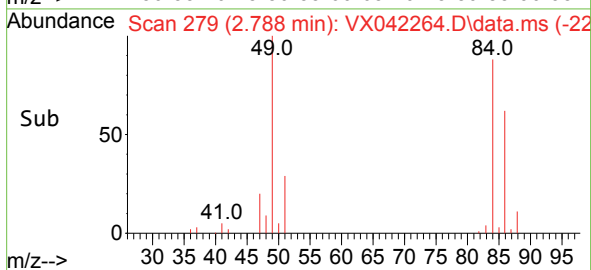
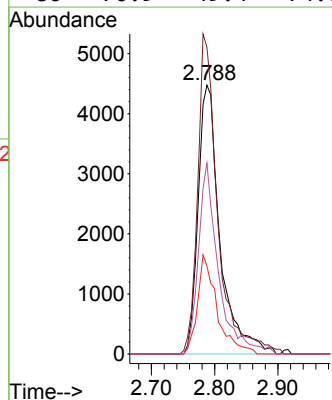
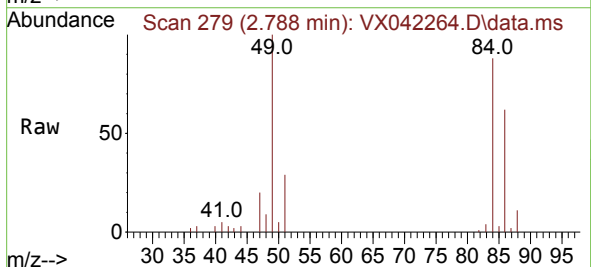
Instrument :
MSVOA_X
ClientSampleId :

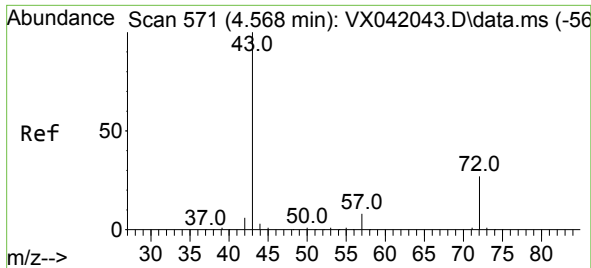
Tgt Ion: 43 Resp: 3606
Ion Ratio Lower Upper
43 100
74 23.8 17.8 26.8



#20
Methylene Chloride
Concen: 4.953 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042264.D
Acq: 10 Jul 2024 13:59

Tgt Ion: 84 Resp: 10788
Ion Ratio Lower Upper
84 100
49 114.1 103.6 155.4
51 32.8 33.8 50.6#
86 70.9 49.4 74.0

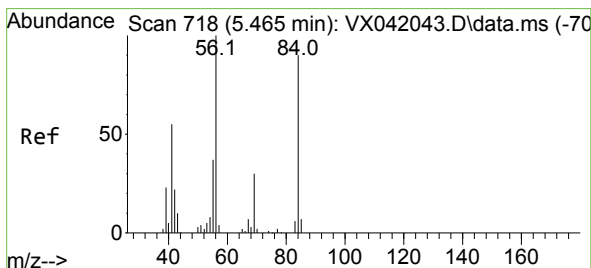
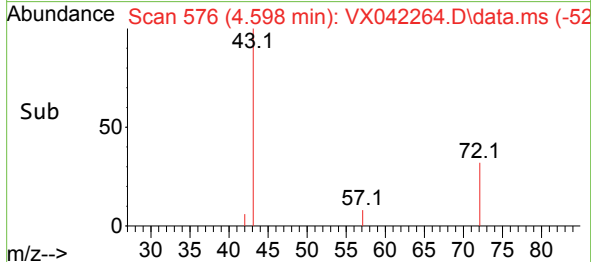
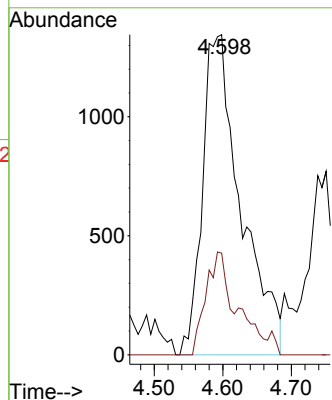
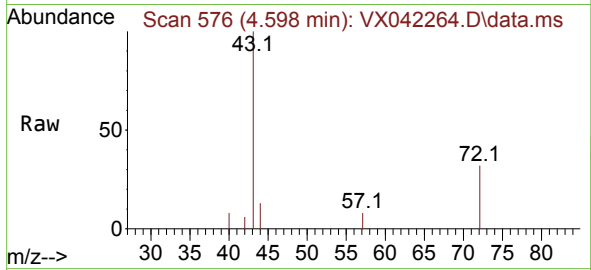




#25
2-Butanone
Concen: 3.392 ug/l
RT: 4.598 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX042264.D
Acq: 10 Jul 2024 13:59

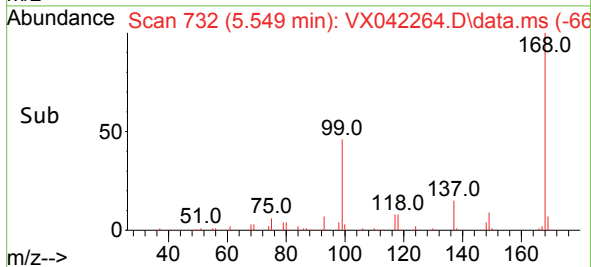
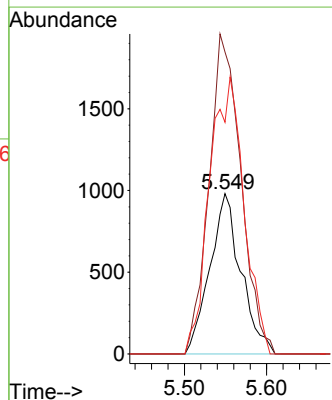
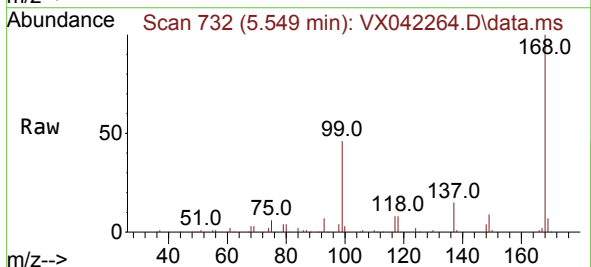
Instrument :
MSVOA_X
ClientSampleId :

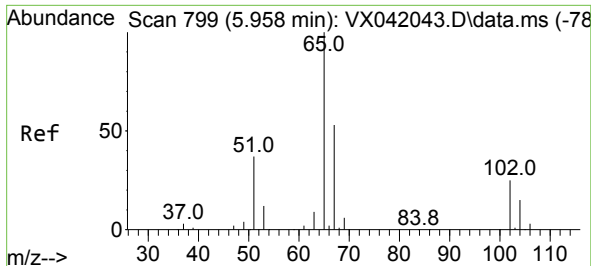
Tgt Ion: 43 Resp: 5249
Ion Ratio Lower Upper
43 100
72 31.7 19.4 29.2#



#31
Cyclohexane
Concen: 0.973 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX042264.D
Acq: 10 Jul 2024 13:59

Tgt Ion: 56 Resp: 2578
Ion Ratio Lower Upper
56 100
69 188.3 23.4 35.2#
84 144.5 65.9 98.9#

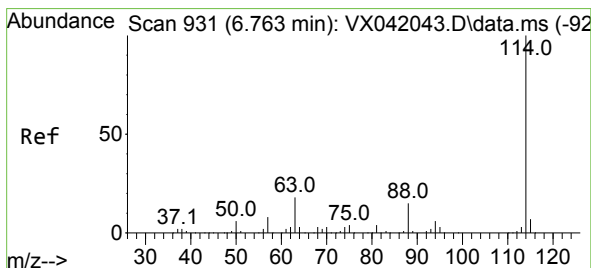
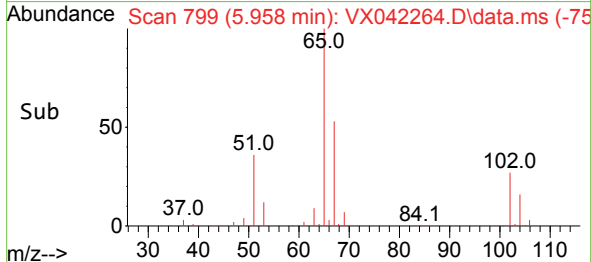
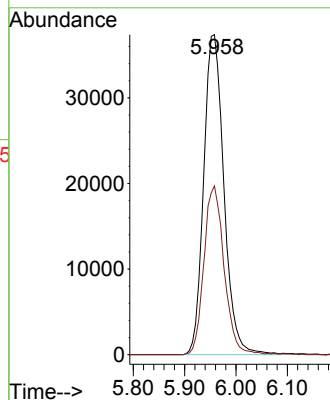
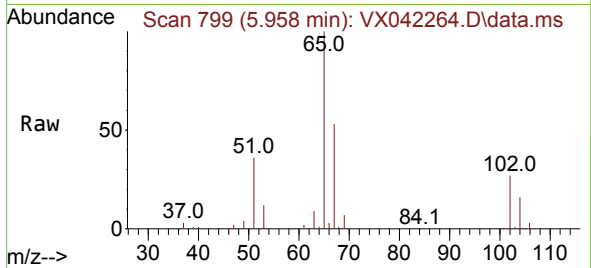




#33
 1,2-Dichloroethane-d4
 Concen: 45.172 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX042264.D
 Acq: 10 Jul 2024 13:59

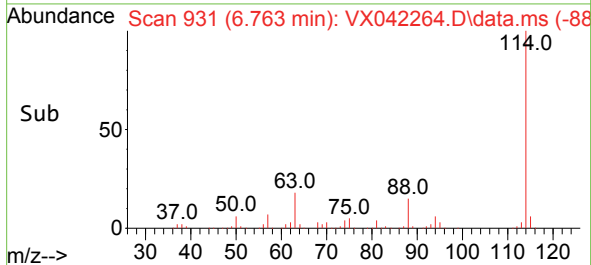
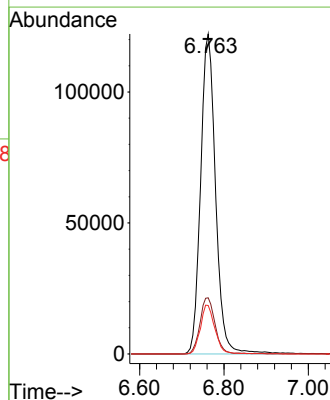
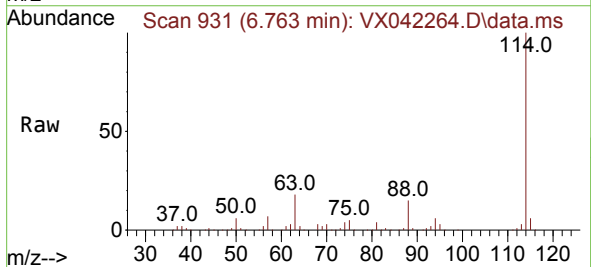
Instrument :
 MSVOA_X
 ClientSampleId :

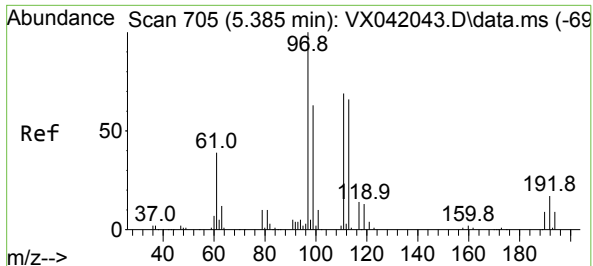
Tgt Ion: 65 Resp: 102338
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX042264.D
 Acq: 10 Jul 2024 13:59

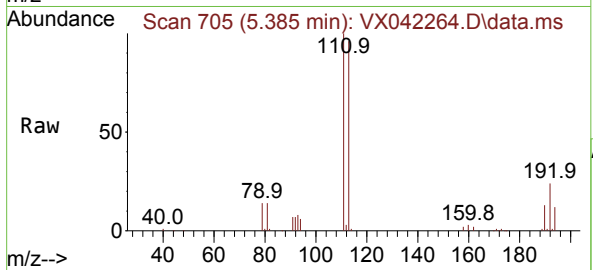
Tgt Ion:114 Resp: 301592
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 45.0
 88 15.2 0.0 36.6



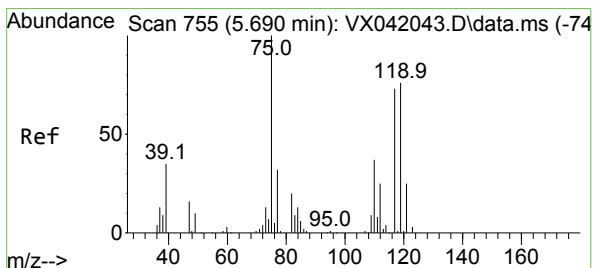
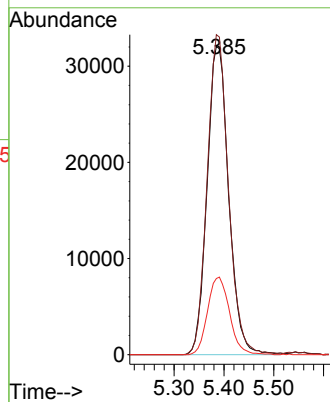
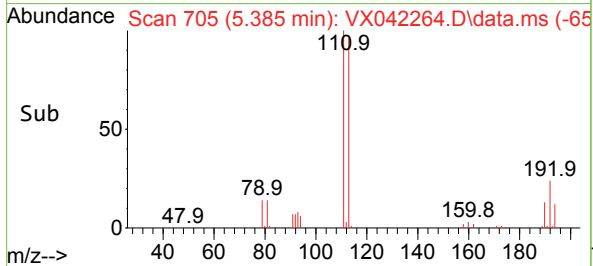


#35
Dibromofluoromethane
Concen: 45.172 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042264.D
Acq: 10 Jul 2024 13:59

Instrument :
MSVOA_X
ClientSampleId :

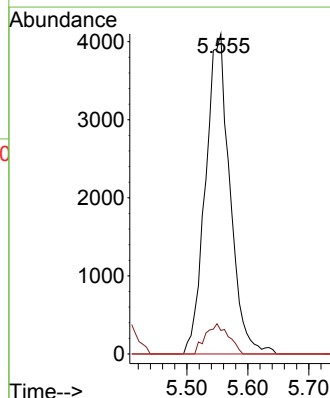
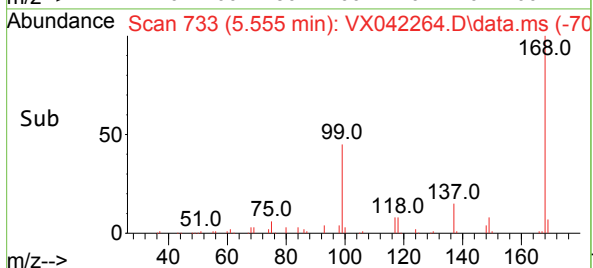
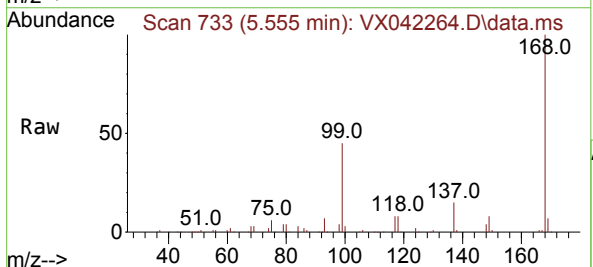


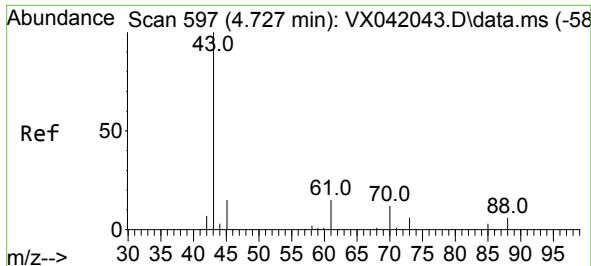
Tgt Ion:113 Resp: 96665
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 25.6 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.010 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX042264.D
Acq: 10 Jul 2024 13:59

Tgt Ion: 75 Resp: 11384
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.774 ug/l

RT: 4.751 min Scan# 601

Delta R.T. 0.024 min

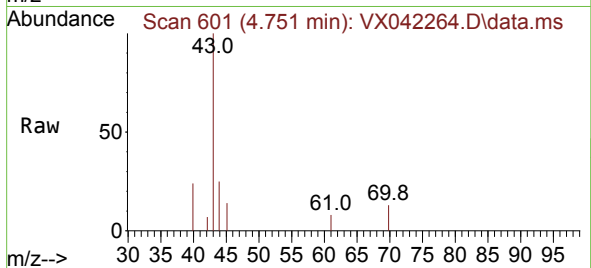
Lab File: VX042264.D

Acq: 10 Jul 2024 13:59

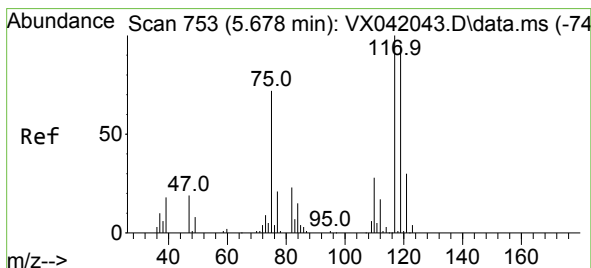
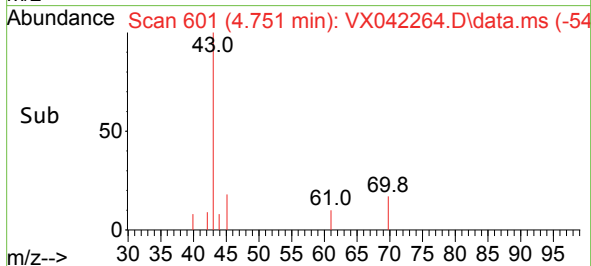
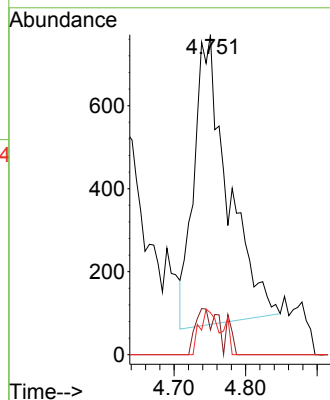
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	2291
Ion	Ratio	Lower	Upper
43	100		
61	9.8	10.6	16.0#
70	10.0	8.3	12.5



#38

Carbon Tetrachloride

Concen: 6.528 ug/l

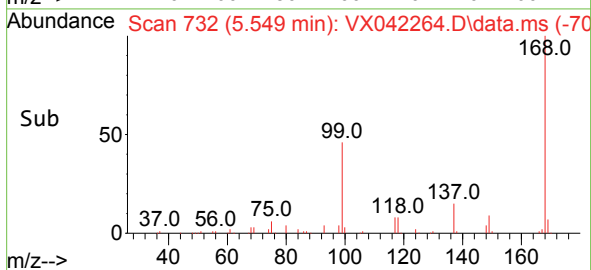
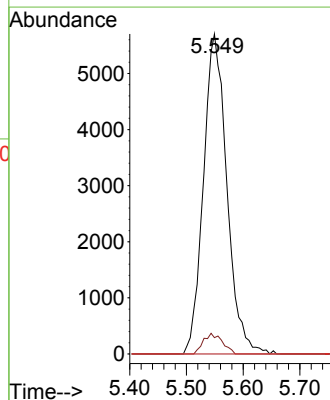
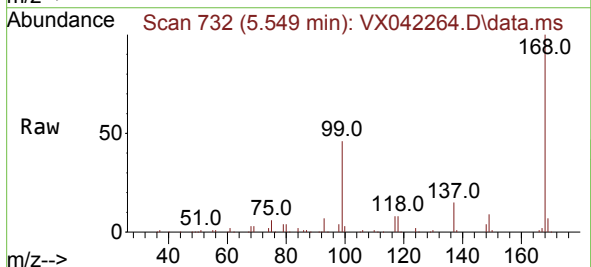
RT: 5.549 min Scan# 732

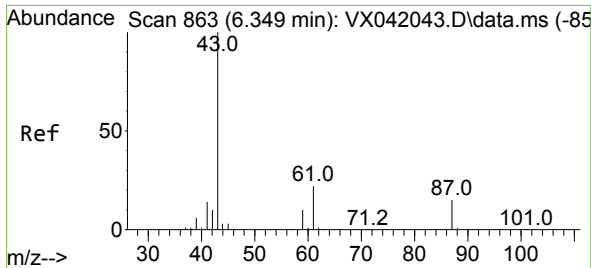
Delta R.T. -0.128 min

Lab File: VX042264.D

Acq: 10 Jul 2024 13:59

Tgt Ion:	117	Resp:	16391
Ion	Ratio	Lower	Upper
117	100		
119	5.1	78.2	117.2#
121	0.0	24.4	36.6#

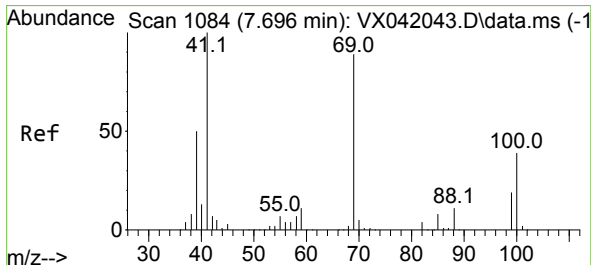
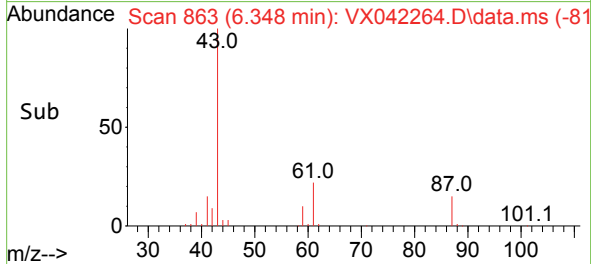
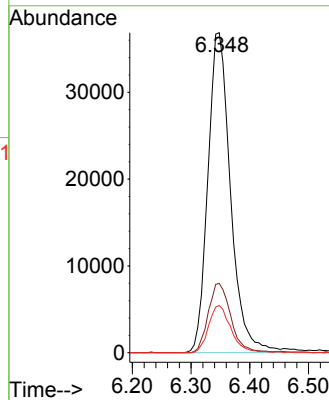
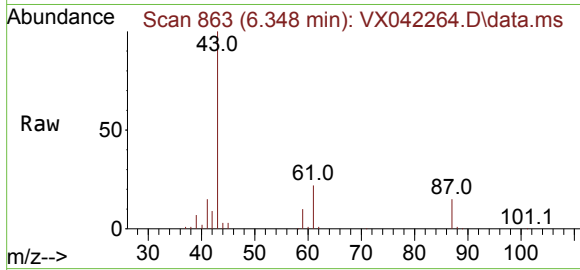




#43
Isopropyl Acetate
Concen: 21.742 ug/l
RT: 6.348 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX042264.D
Acq: 10 Jul 2024 13:59

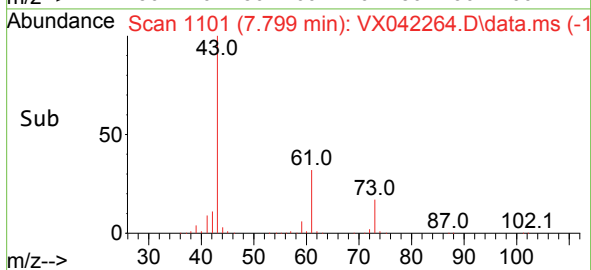
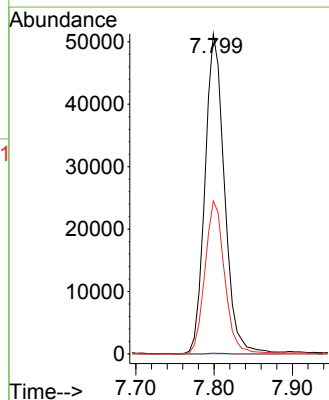
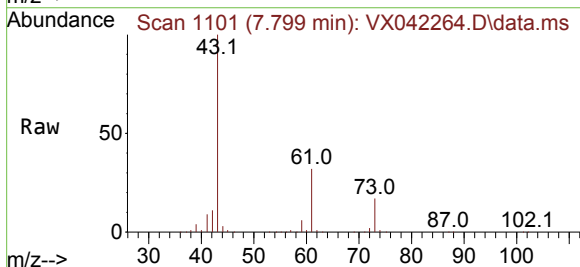
Instrument :
MSVOA_X
ClientSampleId :

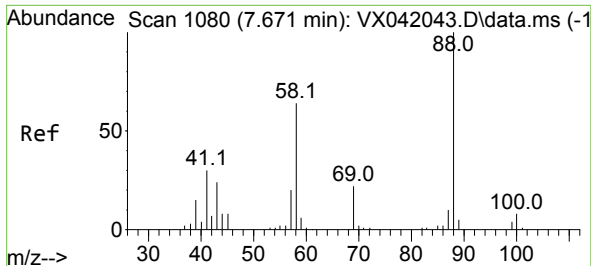
Tgt Ion: 43 Resp: 98791
Ion Ratio Lower Upper
43 100
61 21.6 15.2 22.8
87 14.5 9.8 14.6



#48
Methyl methacrylate
Concen: 40.903 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX042264.D
Acq: 10 Jul 2024 13:59

Tgt Ion: 41 Resp: 88698
Ion Ratio Lower Upper
41 100
69 0.2 59.2 88.8#
39 48.4 47.7 71.5





#49

1,4-Dioxane

Concen: 21.025 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.134 min

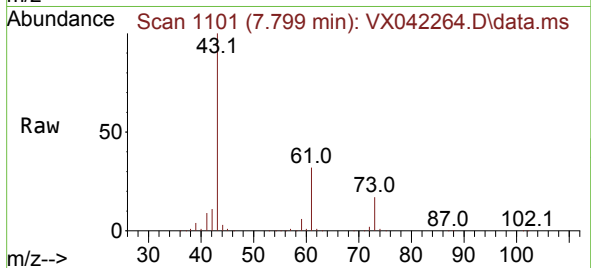
Lab File: VX042264.D

Acq: 10 Jul 2024 13:59

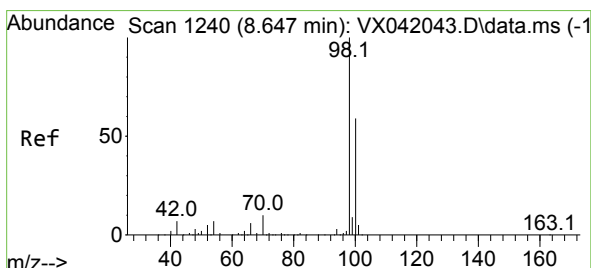
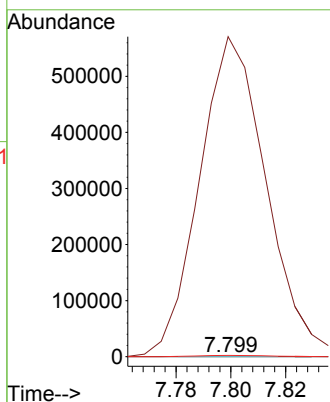
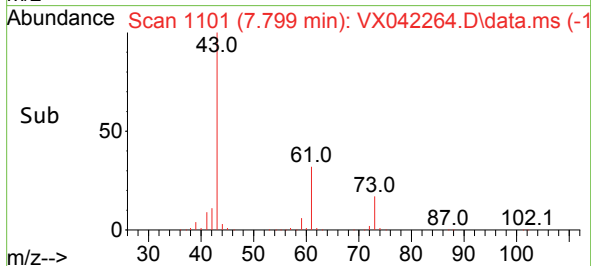
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	88	Resp:	64
Ion Ratio	Lower	Upper	
88	100		
43	1542875.0	0.0	0.0#
58	6900.0	60.1	90.1#



#50

Toluene-d8

Concen: 44.092 ug/l

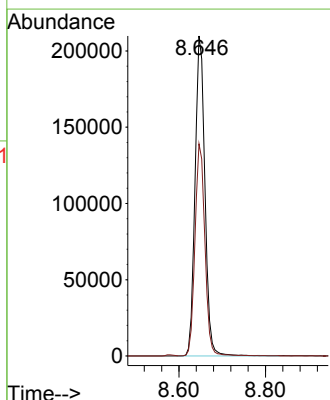
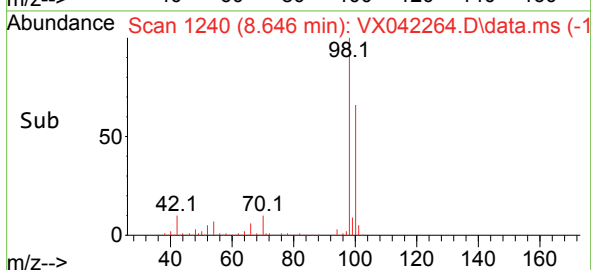
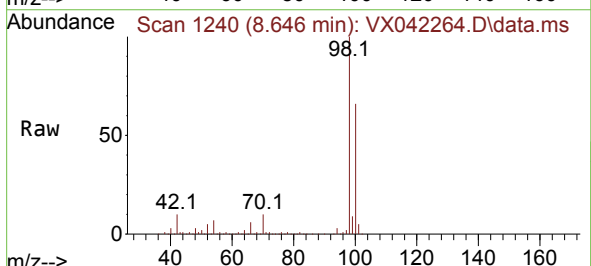
RT: 8.646 min Scan# 1240

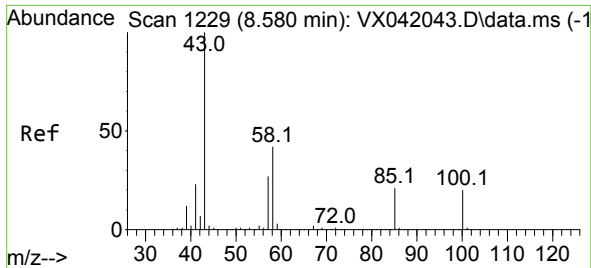
Delta R.T. -0.000 min

Lab File: VX042264.D

Acq: 10 Jul 2024 13:59

Tgt Ion:	98	Resp:	331474
Ion Ratio	Lower	Upper	
98	100		
100	66.4	53.1	79.7

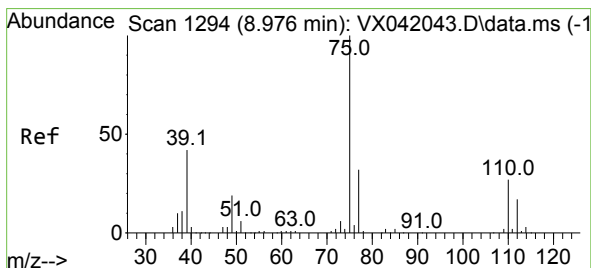
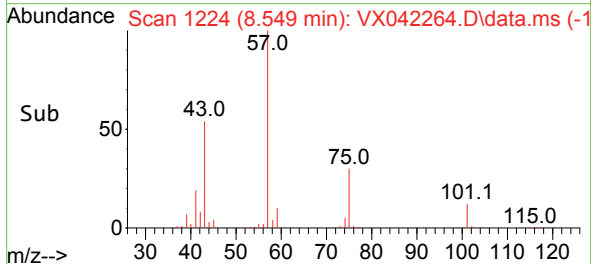
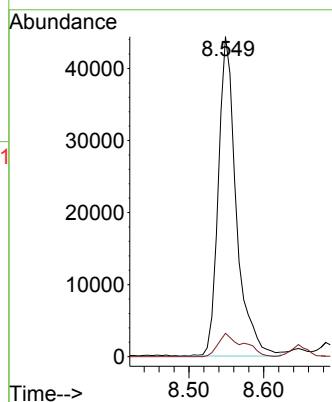
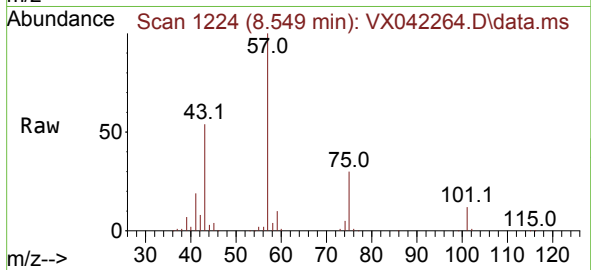




#51
4-Methyl-2-Pentanone
Concen: 23.745 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX042264.D
Acq: 10 Jul 2024 13:59

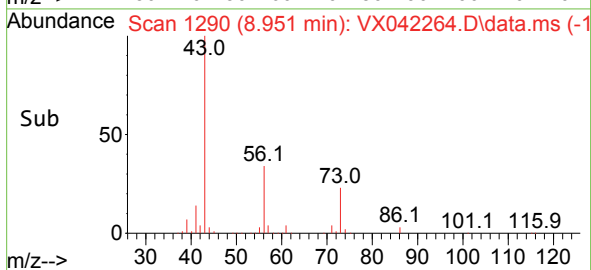
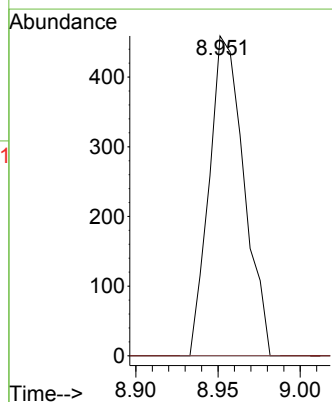
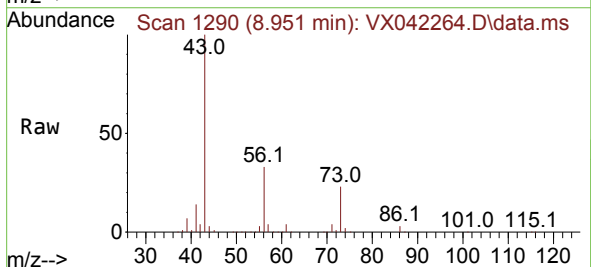
Instrument :
MSVOA_X
ClientSampleId :

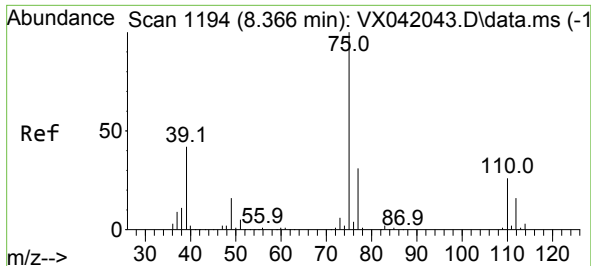
Tgt Ion: 43 Resp: 74320
Ion Ratio Lower Upper
43 100
58 10.2 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 1.147 ug/l
RT: 8.951 min Scan# 1290
Delta R.T. -0.031 min
Lab File: VX042264.D
Acq: 10 Jul 2024 13:59

Tgt Ion: 75 Resp: 676
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

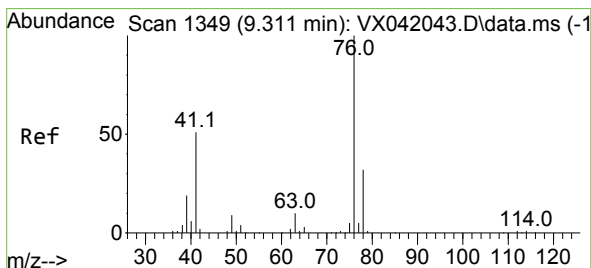
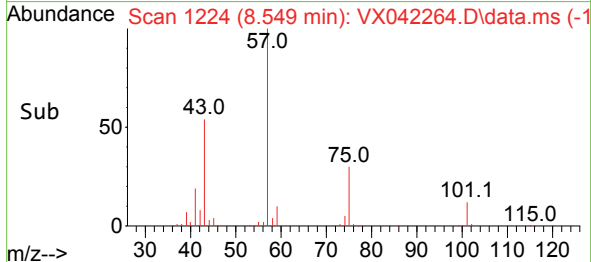
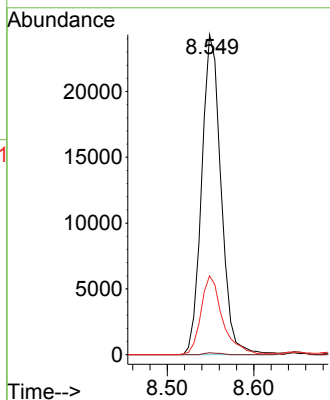
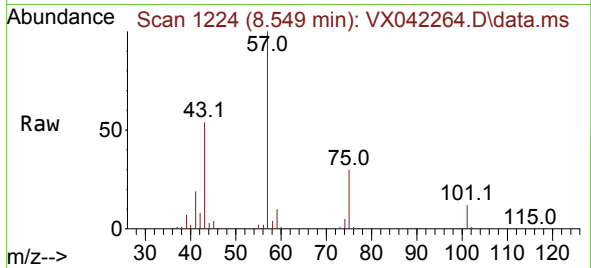




#54
cis-1,3-Dichloropropene
Concen: 13.710 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX042264.D
Acq: 10 Jul 2024 13:59

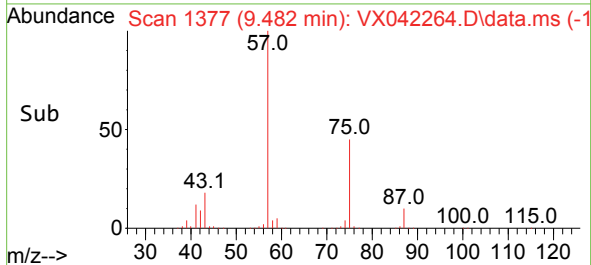
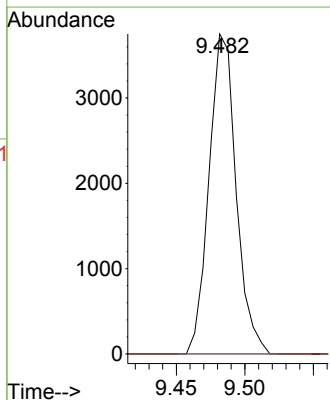
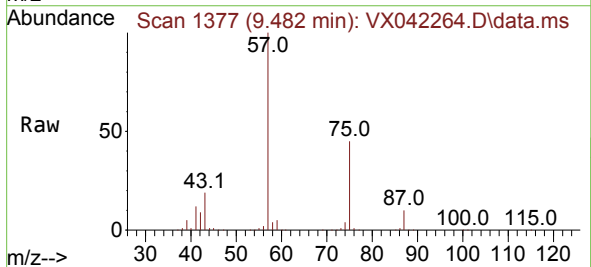
Instrument :
MSVOA_X
ClientSampleId :

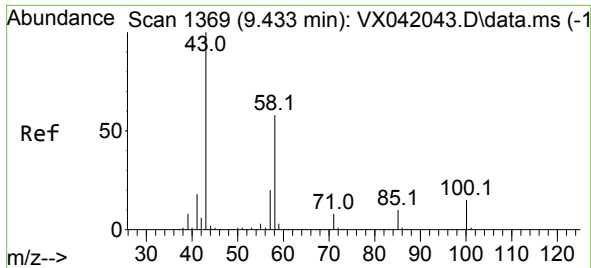
Tgt Ion: 75 Resp: 37839
Ion Ratio Lower Upper
75 100
77 0.6 25.3 37.9#
39 24.6 46.7 70.1#



#57
1,3-Dichloropropane
Concen: 1.570 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.170 min
Lab File: VX042264.D
Acq: 10 Jul 2024 13:59

Tgt Ion: 76 Resp: 5158
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

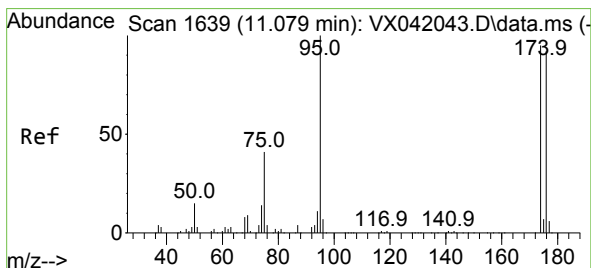
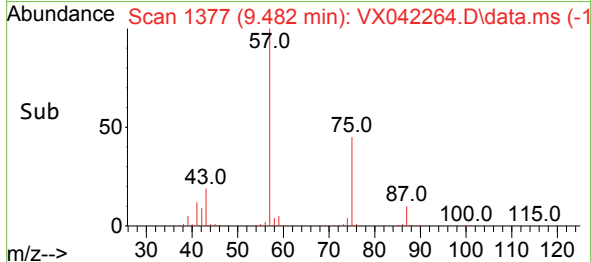
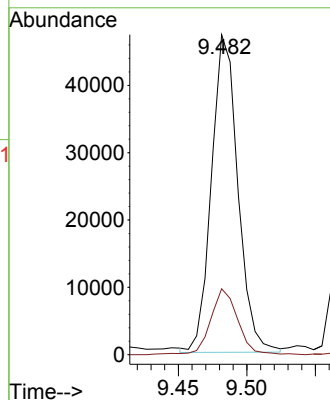
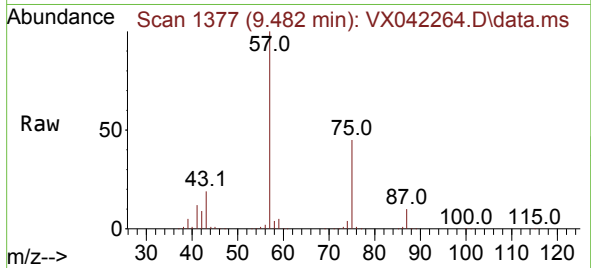




#59
2-Hexanone
Concen: 26.403 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.048 min
Lab File: VX042264.D
Acq: 10 Jul 2024 13:59

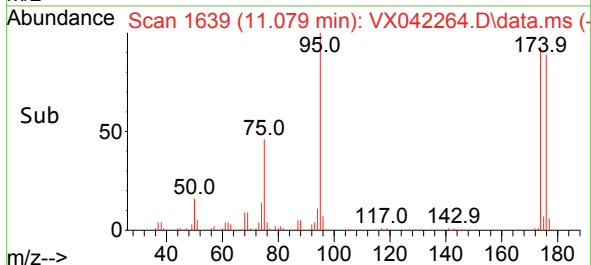
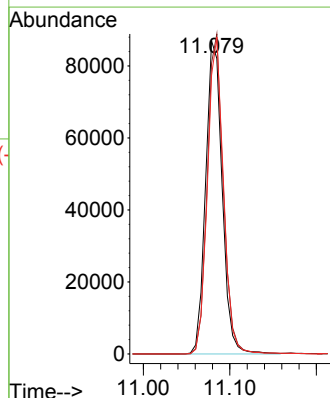
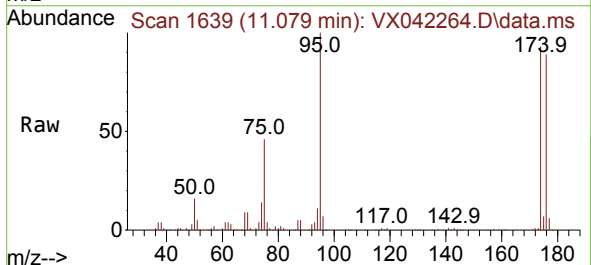
Instrument :
MSVOA_X
ClientSampleId :

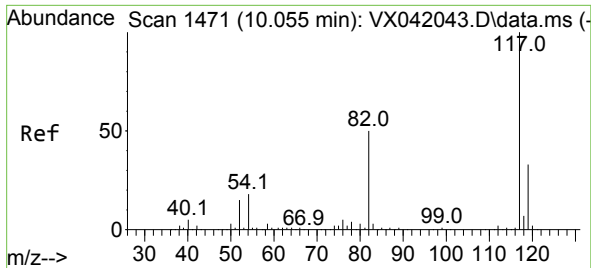
Tgt Ion: 43 Resp: 63293
Ion Ratio Lower Upper
43 100
58 21.3 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 41.535 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042264.D
Acq: 10 Jul 2024 13:59

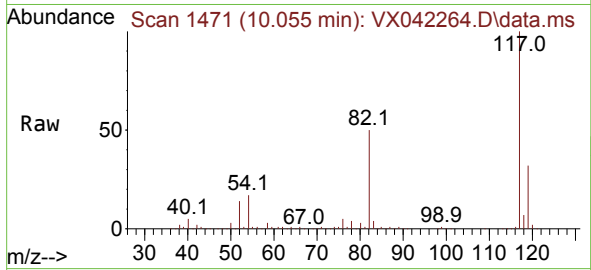
Tgt Ion: 95 Resp: 115102
Ion Ratio Lower Upper
95 100
174 99.5 0.0 135.6
176 98.1 0.0 131.0



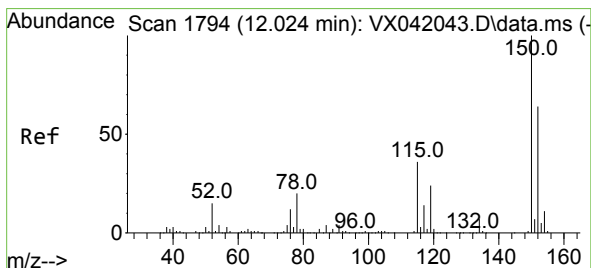
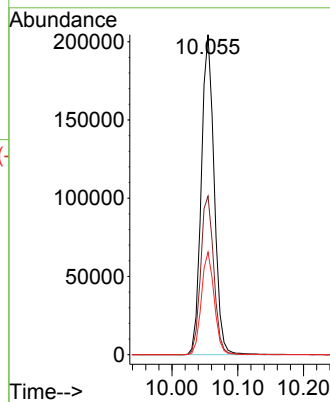
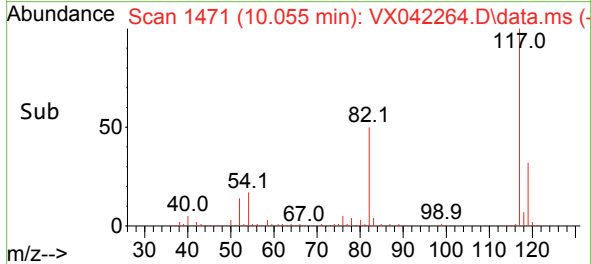


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042264.D
Acq: 10 Jul 2024 13:59

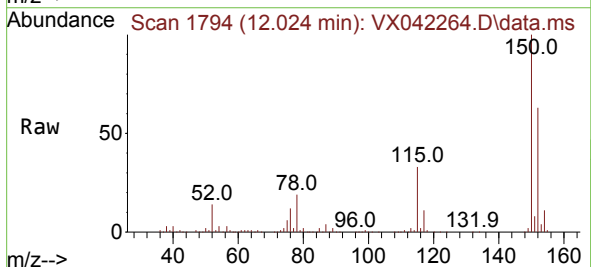
Instrument :
MSVOA_X
ClientSampleId :



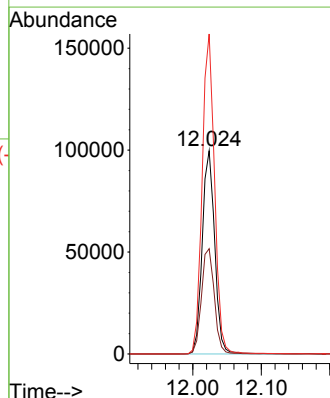
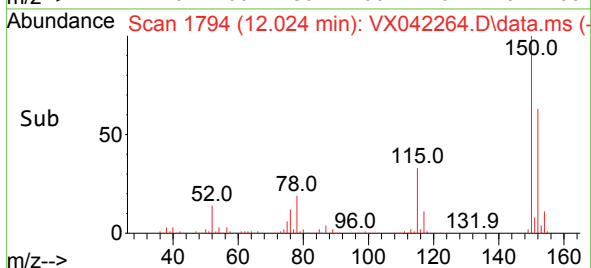
Tgt Ion:117 Resp: 278654
Ion Ratio Lower Upper
117 100
82 49.5 46.2 69.4
119 32.0 25.5 38.3

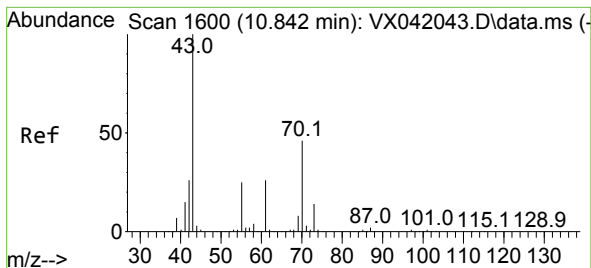


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX042264.D
Acq: 10 Jul 2024 13:59



Tgt Ion:152 Resp: 126665
Ion Ratio Lower Upper
152 100
115 53.5 43.3 129.9
150 156.7 0.0 345.0





#74

N-amy1 acetate

Concen: 5.711 ug/l

RT: 10.640 min Scan# 1639

Delta R.T. -0.202 min

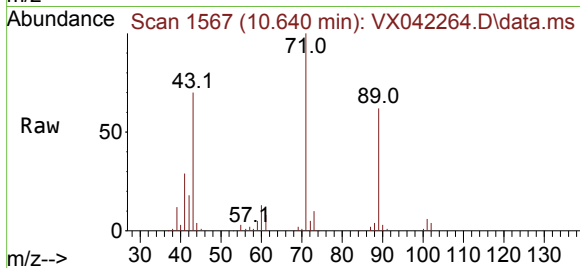
Lab File: VX042264.D

Acq: 10 Jul 2024 13:59

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 19538

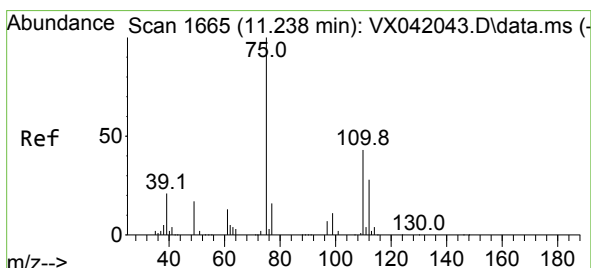
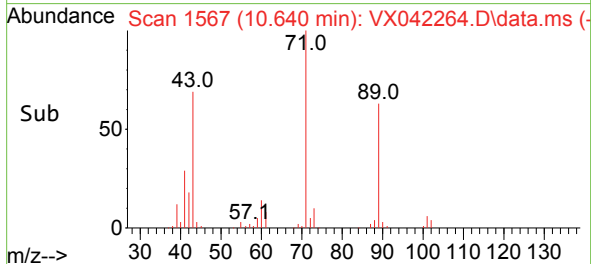
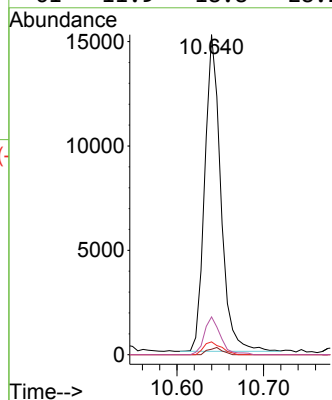
Ion Ratio Lower Upper

43 100

70 2.0 32.9 49.3#

55 4.4 19.3 28.9#

61 11.9 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 23.013 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042264.D

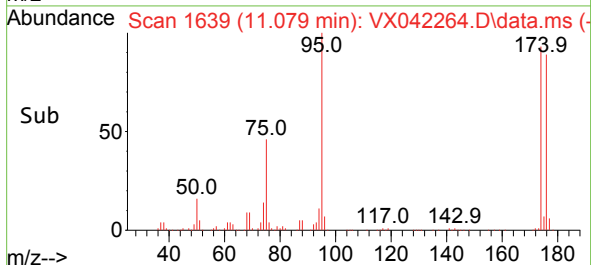
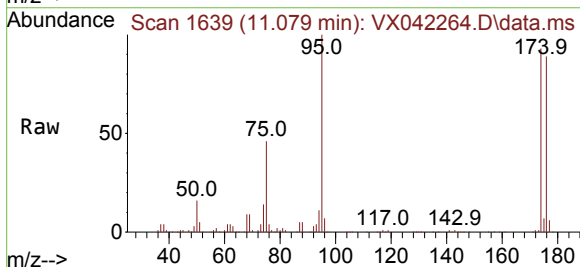
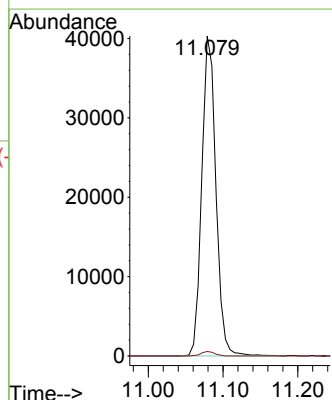
Acq: 10 Jul 2024 13:59

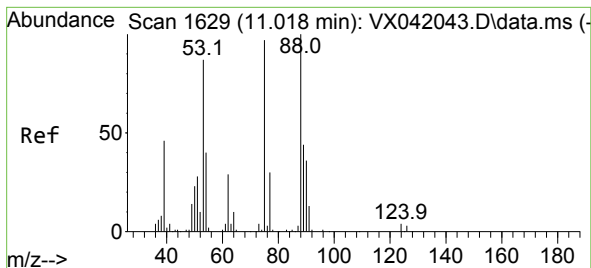
Tgt Ion: 75 Resp: 52918

Ion Ratio Lower Upper

75 100

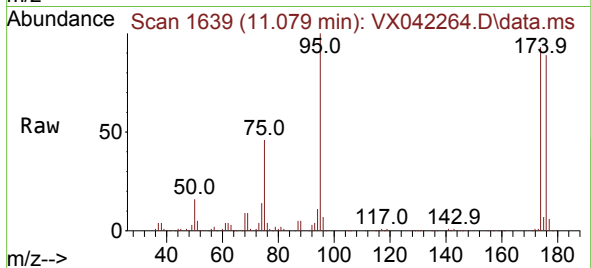
77 1.3 19.1 57.5#



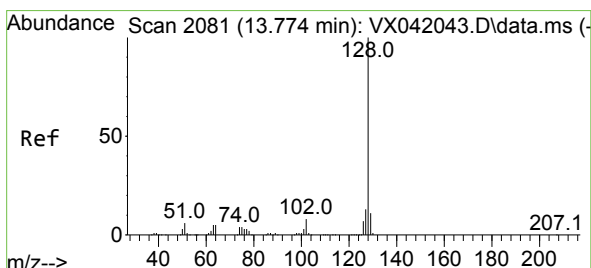
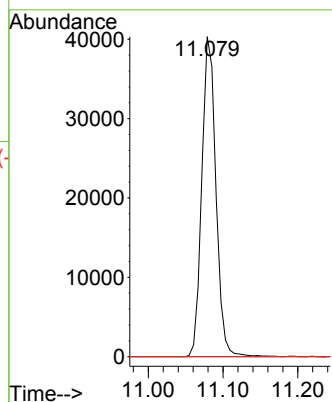
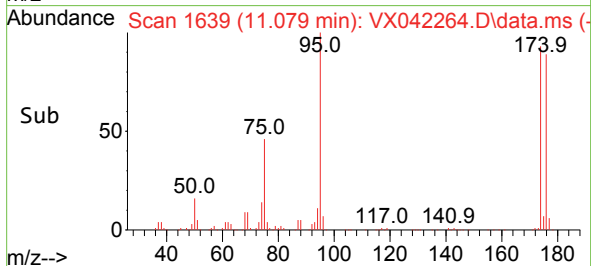


#81
trans-1,4-Dichloro-2-butene
Concen: 65.355 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042264.D
Acq: 10 Jul 2024 13:59

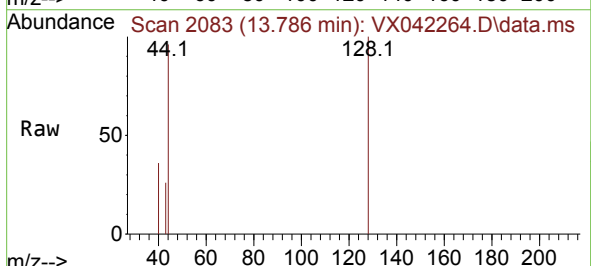
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 52918
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.783 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042264.D
Acq: 10 Jul 2024 13:59



Tgt Ion: 128 Resp: 322
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

