

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062824\
 Data File : VX042088.D
 Acq On : 28 Jun 2024 16:15
 Operator : JC/MD
 Sample : P3128-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 29 04:21:36 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)

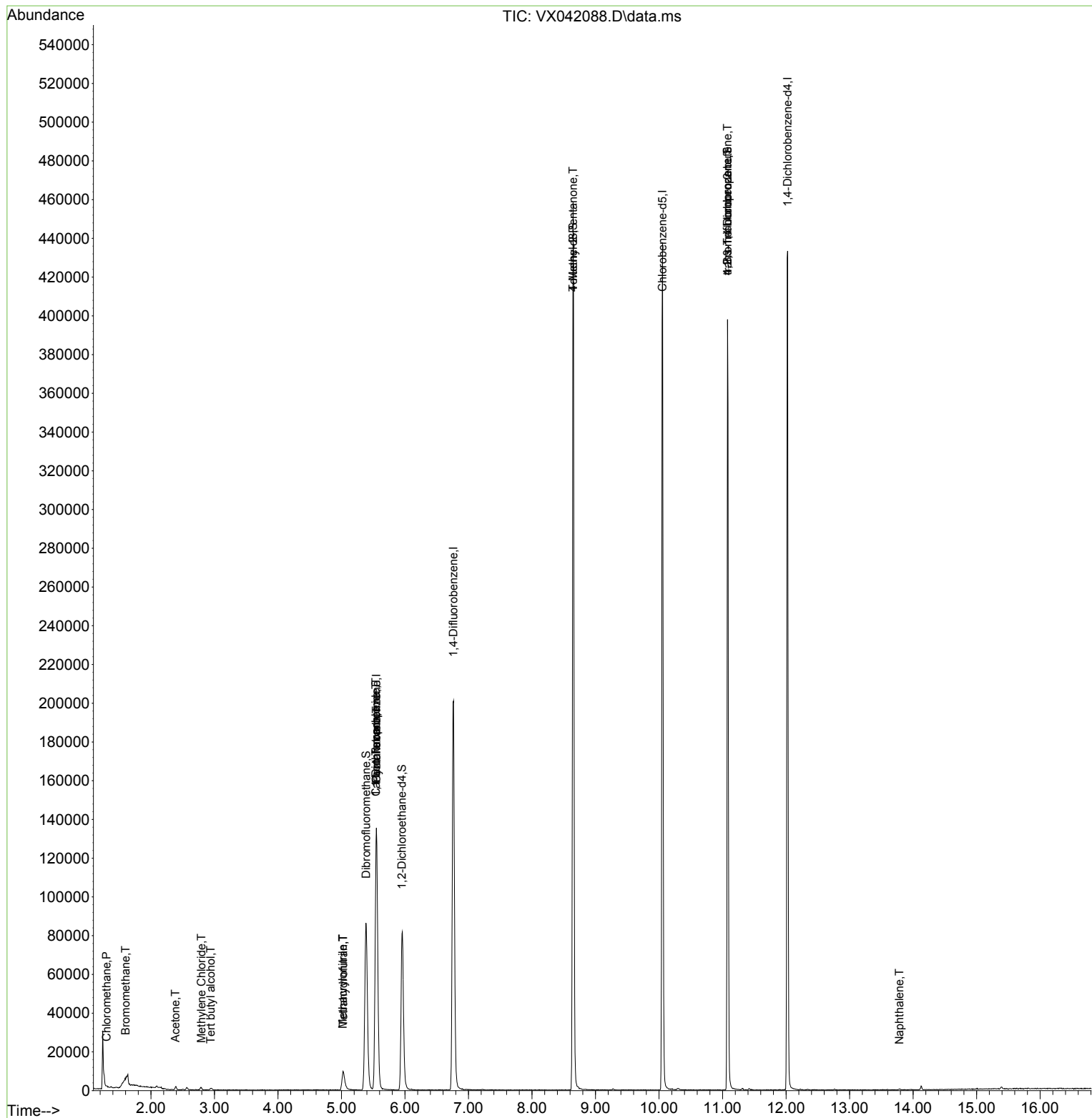
Internal Standards						
1) Pentafluorobenzene	5.550	168	151813	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	228525	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78104	44.616	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.240%
35) Dibromofluoromethane	5.385	113	76618	47.251	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.500%
50) Toluene-d8	8.647	98	284395	49.925	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.860%
62) 4-Bromofluorobenzene	11.079	95	105244	50.120	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.240%
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	541	0.373	ug/l	# 83
5) Bromomethane	1.599	94	316	0.440	ug/l	# 69
6) Chloroethane	1.654	64	170	Below Cal		# 43
11) Tert butyl alcohol	2.940	59	585	1.761	ug/l	# 78
16) Acetone	2.386	43	1796	2.336	ug/l	# 98
20) Methylene Chloride	2.794	84	791	0.470	ug/l	# 74
29) Tetrahydrofuran	5.025	42	9696	12.554	ug/l	# 93
31) Cyclohexane	5.550	56	1884	0.920	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	8346	4.847	ug/l	# 50
38) Carbon Tetrachloride	5.544	117	12607	6.627	ug/l	# 15
41) Methacrylonitrile	5.019	41	5629	4.630	ug/l	# 45
51) 4-Methyl-2-Pentanone	8.647	43	991	0.418	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	47012	23.873	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	47012	67.797	ug/l	# 5
95) Naphthalene	13.786	128	764	0.845	ug/l	# 82

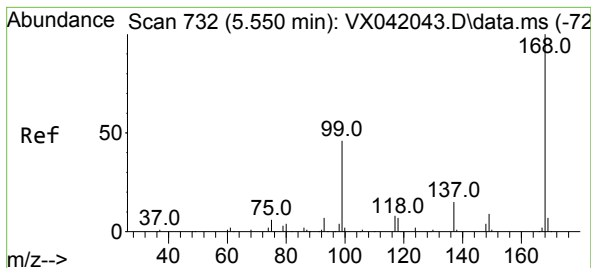
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX042088.D

Acq: 28 Jun 2024 16:15

Instrument :

MSVOA_X

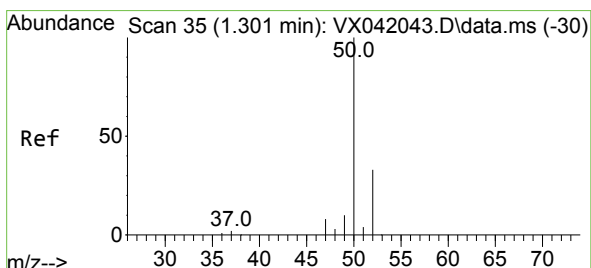
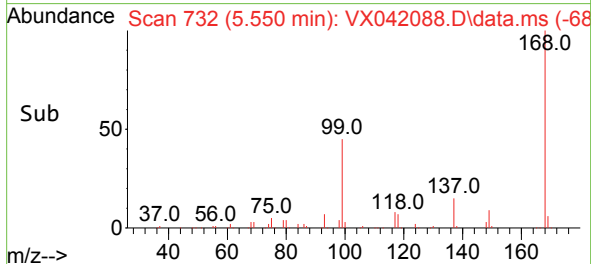
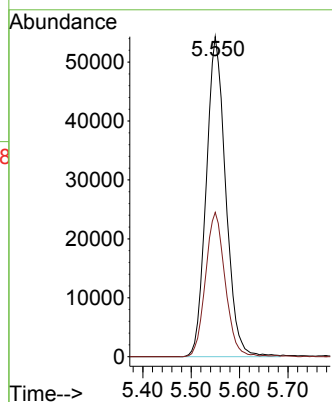
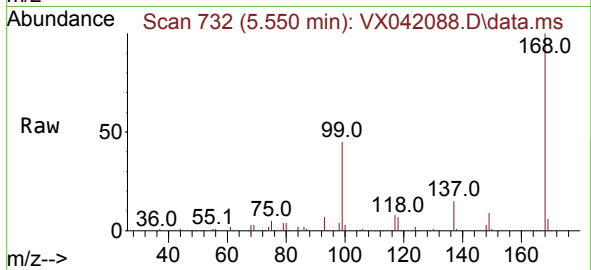
ClientSampleId :

Tgt Ion:168 Resp: 151813

Ion Ratio Lower Upper

168 100

99 45.1 56.6 85.0#



#3

Chloromethane

Concen: 0.373 ug/l

RT: 1.301 min Scan# 35

Delta R.T. -0.006 min

Lab File: VX042088.D

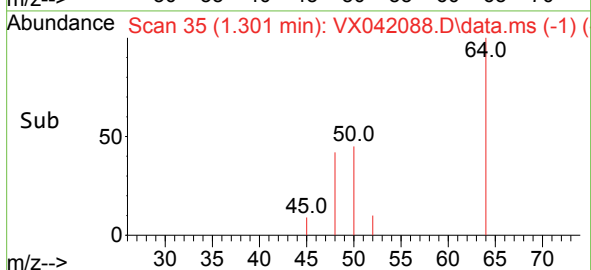
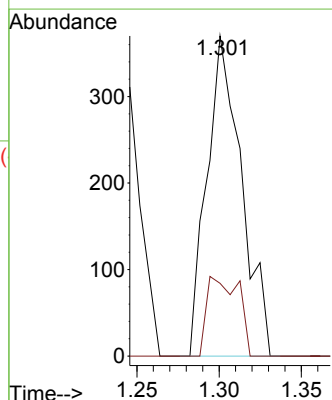
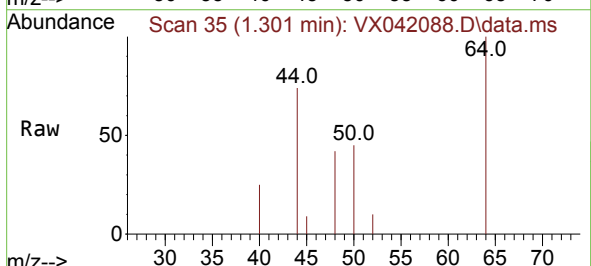
Acq: 28 Jun 2024 16:15

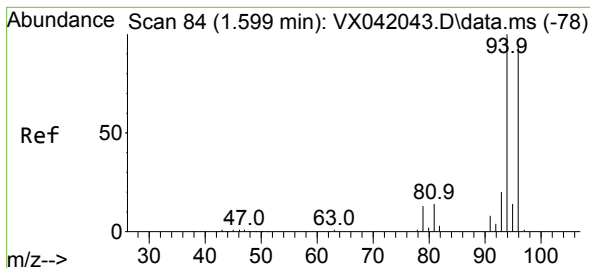
Tgt Ion: 50 Resp: 541

Ion Ratio Lower Upper

50 100

52 22.7 25.5 38.3#





#5

Bromomethane

Concen: 0.440 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX042088.D

Acq: 28 Jun 2024 16:15

Instrument :

MSVOA_X

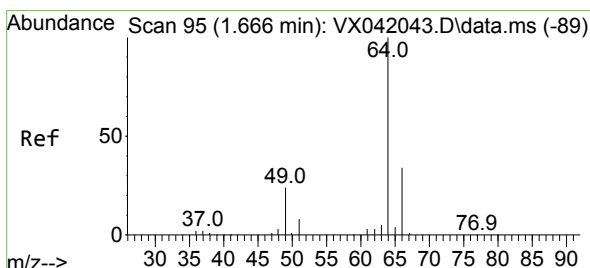
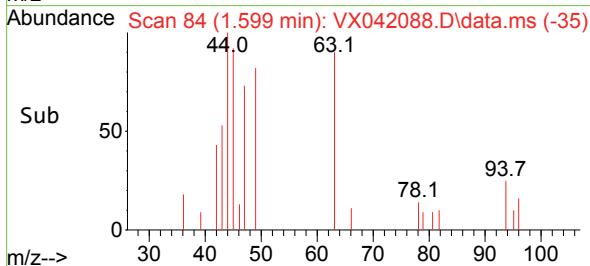
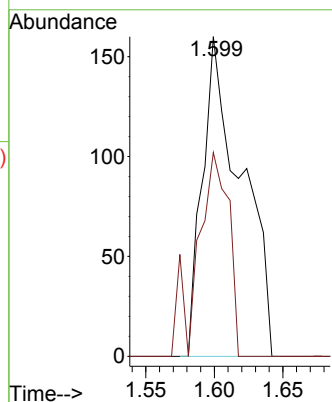
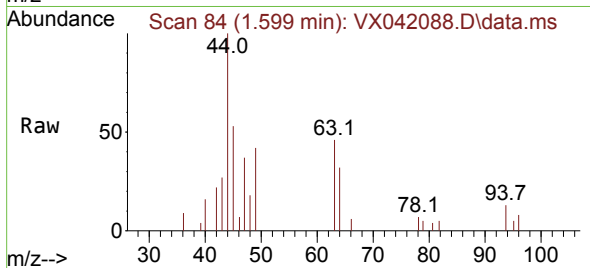
ClientSampleId :

Tgt Ion: 94 Resp: 316

Ion Ratio Lower Upper

94 100

96 63.8 74.6 111.8#



#6

Chloroethane

Concen: Below Cal

RT: 1.654 min Scan# 93

Delta R.T. -0.006 min

Lab File: VX042088.D

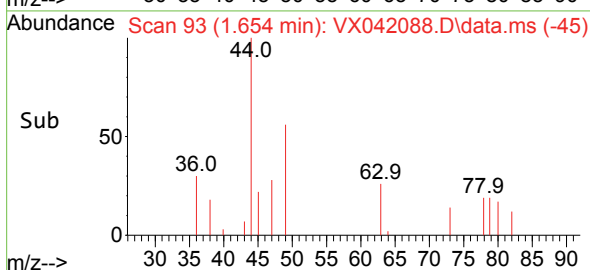
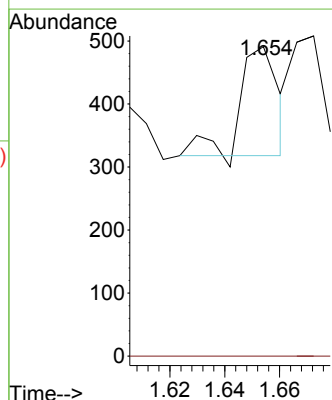
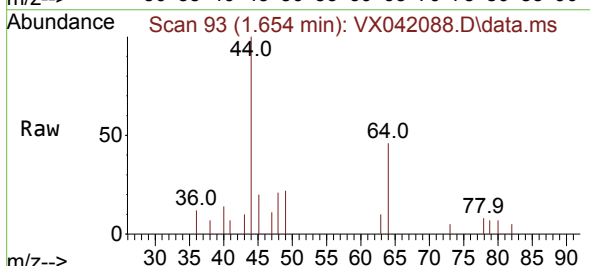
Acq: 28 Jun 2024 16:15

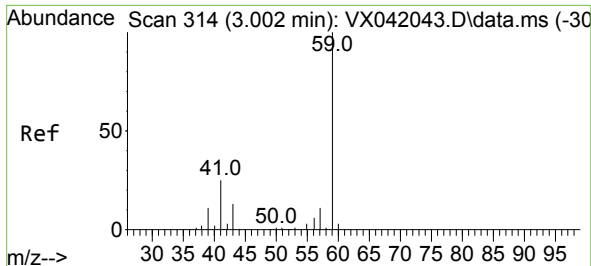
Tgt Ion: 64 Resp: 170

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 1.761 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.067 min

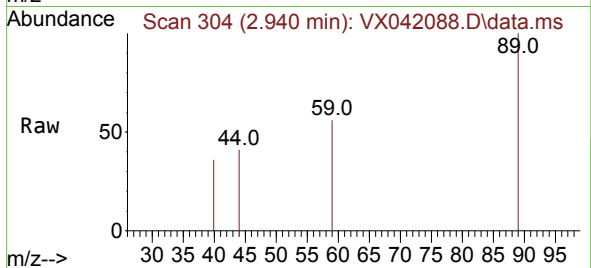
Lab File: VX042088.D

Acq: 28 Jun 2024 16:15

Instrument :

MSVOA_X

ClientSampleId :

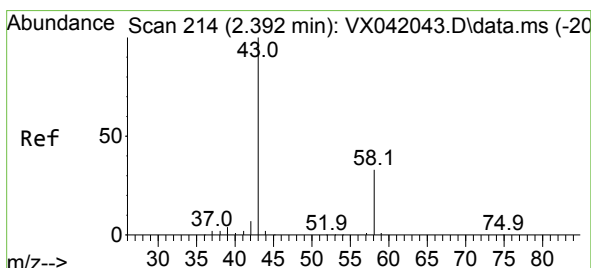
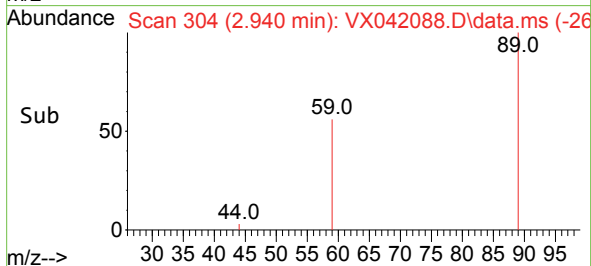
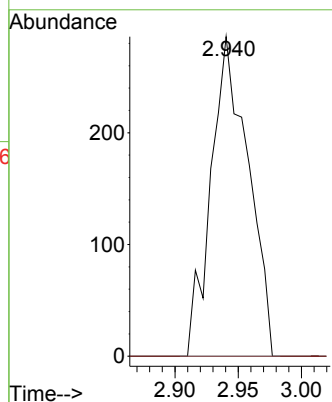


Tgt Ion: 59 Resp: 585

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 2.336 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX042088.D

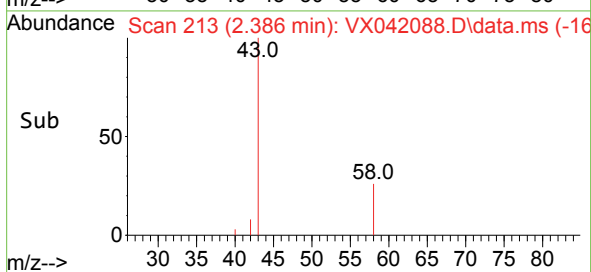
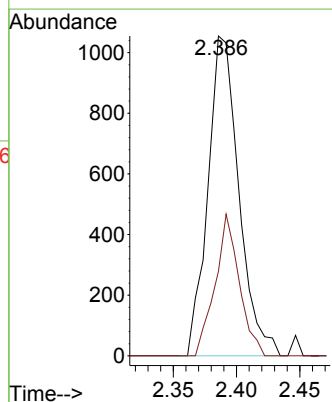
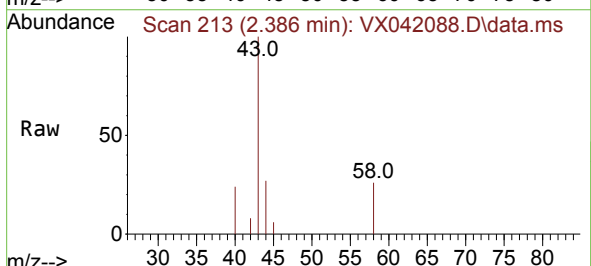
Acq: 28 Jun 2024 16:15

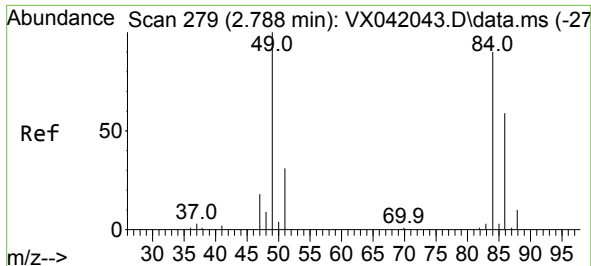
Tgt Ion: 43 Resp: 1796

Ion Ratio Lower Upper

43 100

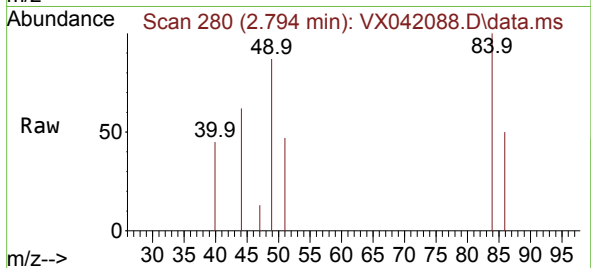
58 26.4 21.9 32.9



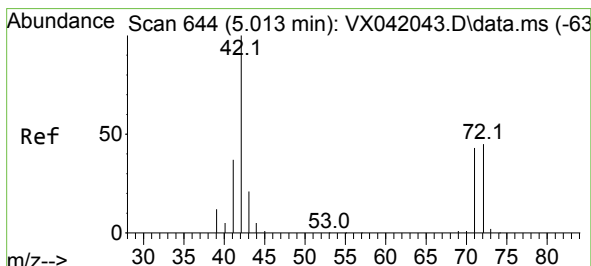
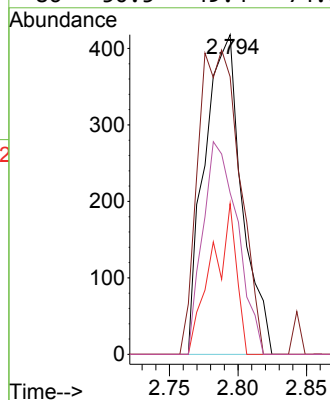
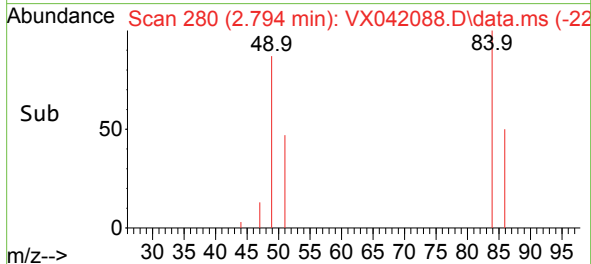


#20
Methylene Chloride
Concen: 0.470 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX042088.D
Acq: 28 Jun 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :

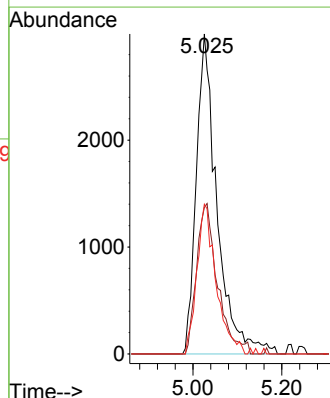
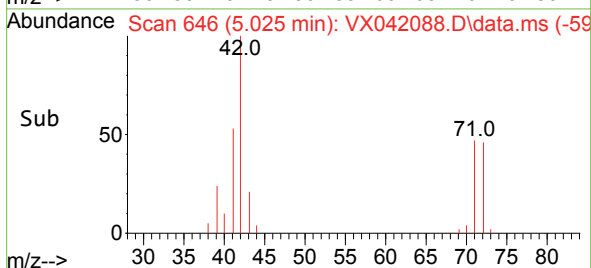
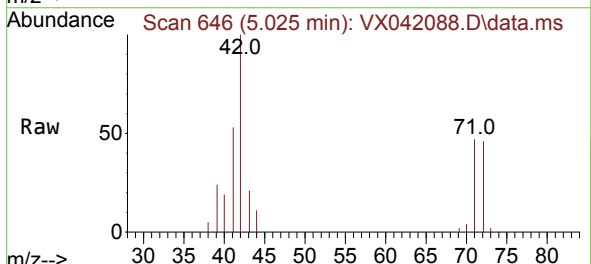


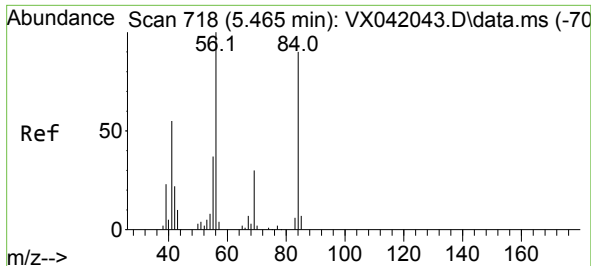
Tgt Ion: 84	Resp: 791
Ion Ratio	Lower Upper
84	100
49	86.8 103.6 155.4#
51	47.1 33.8 50.6
86	50.5 49.4 74.0



#29
Tetrahydrofuran
Concen: 12.554 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.006 min
Lab File: VX042088.D
Acq: 28 Jun 2024 16:15

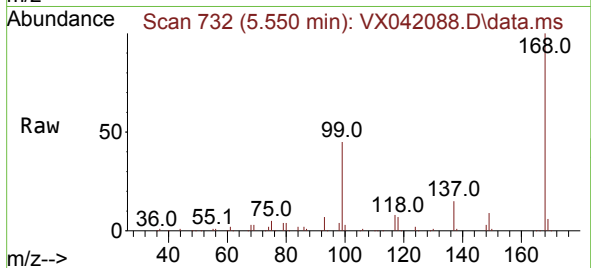
Tgt Ion: 42	Resp: 9696
Ion Ratio	Lower Upper
42	100
72	47.6 34.2 51.4
71	43.7 32.2 48.2



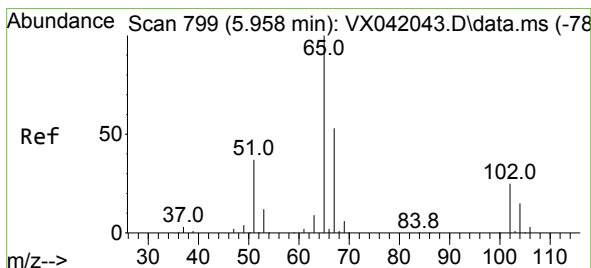
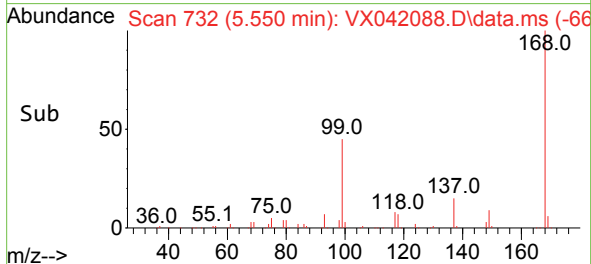
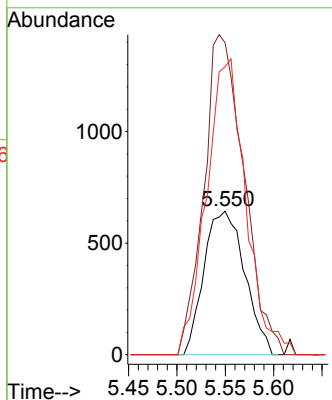


#31
Cyclohexane
Concen: 0.920 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX042088.D
Acq: 28 Jun 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :

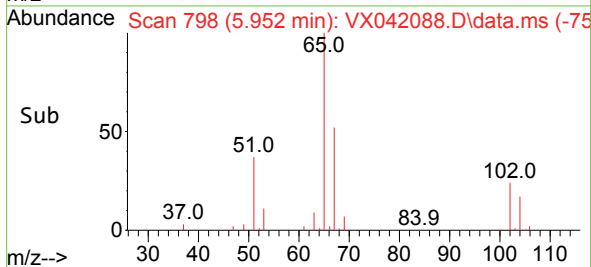
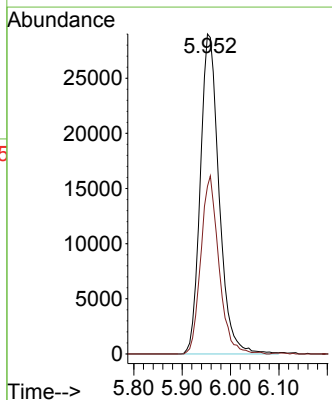
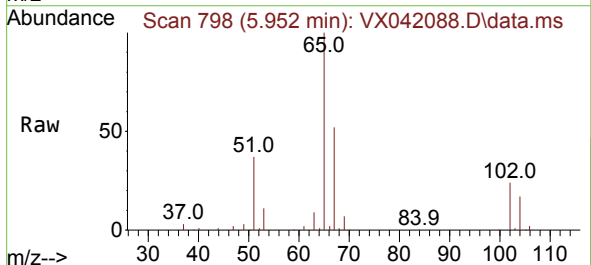


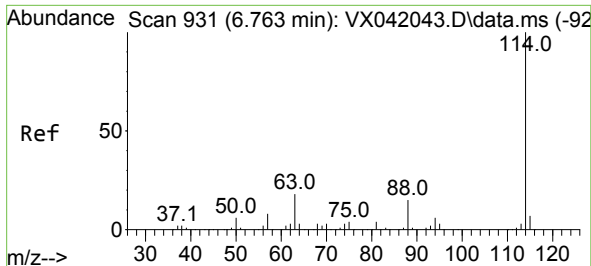
Tgt Ion: 56 Resp: 1884
Ion Ratio Lower Upper
56 100
69 217.4 23.4 35.2#
84 200.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.616 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX042088.D
Acq: 28 Jun 2024 16:15

Tgt Ion: 65 Resp: 78104
Ion Ratio Lower Upper
65 100
67 53.7 0.0 100.2

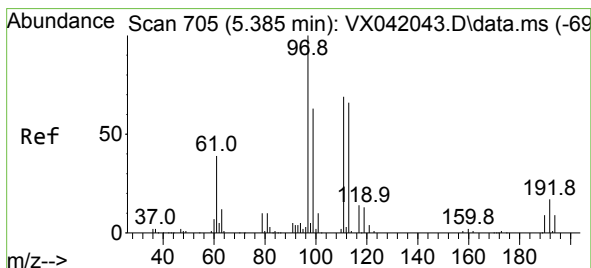
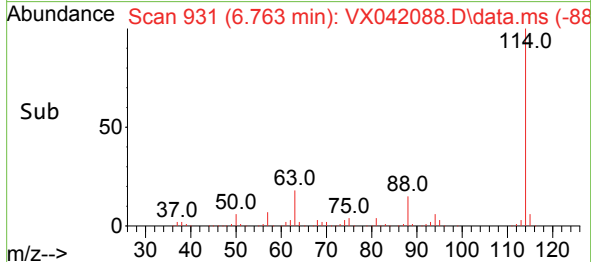
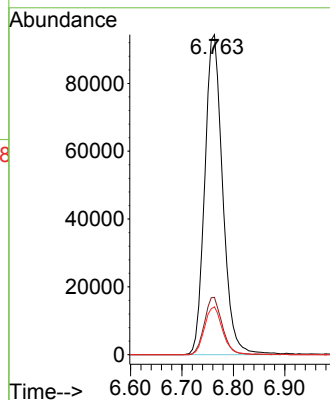
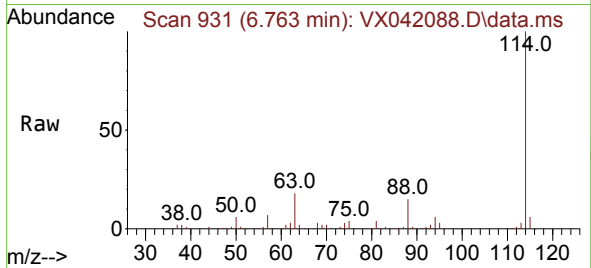




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042088.D
Acq: 28 Jun 2024 16:15

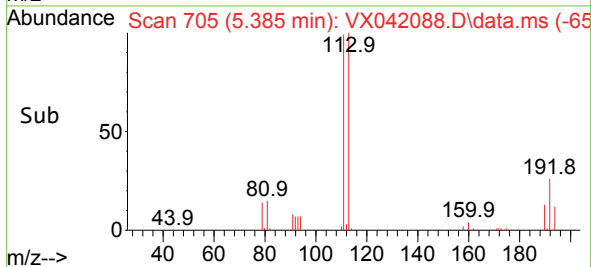
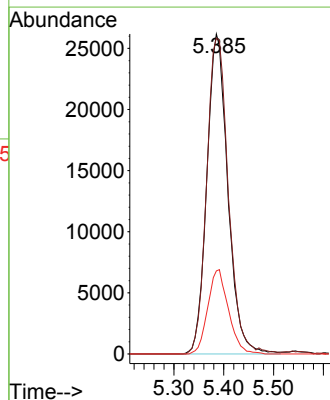
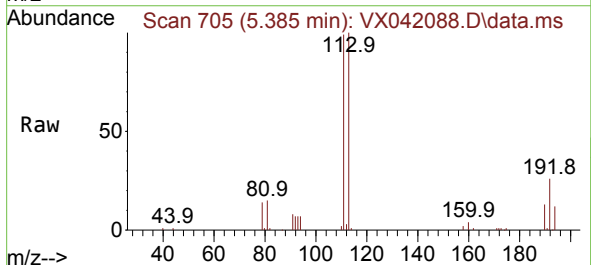
Instrument :
MSVOA_X
ClientSampleId :

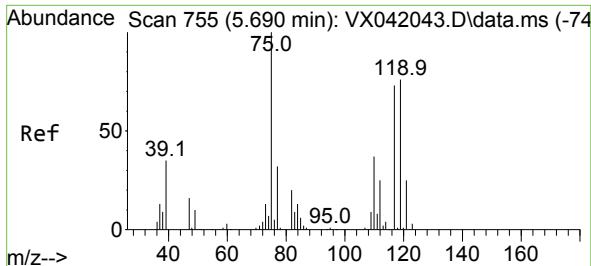
Tgt Ion:114 Resp: 228525
Ion Ratio Lower Upper
114 100
63 17.9 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.251 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042088.D
Acq: 28 Jun 2024 16:15

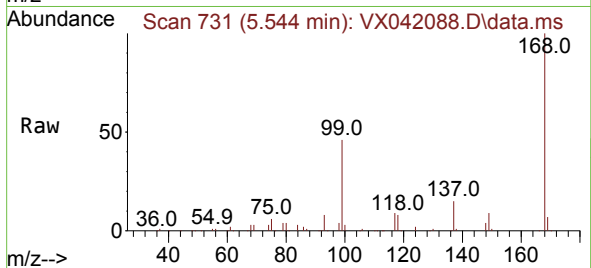
Tgt Ion:113 Resp: 76618
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 26.0 13.3 19.9#



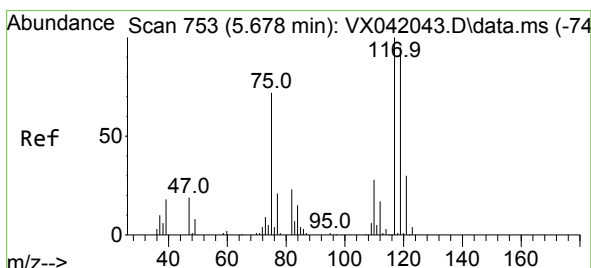
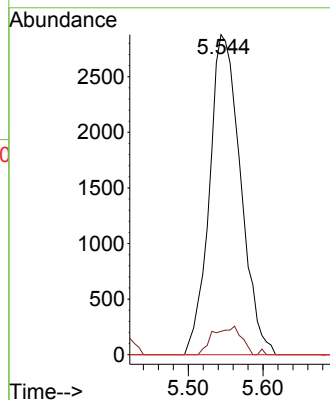
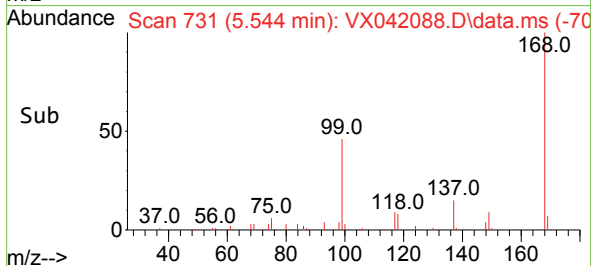


#36
1,1-Dichloropropene
Concen: 4.847 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX042088.D
Acq: 28 Jun 2024 16:15

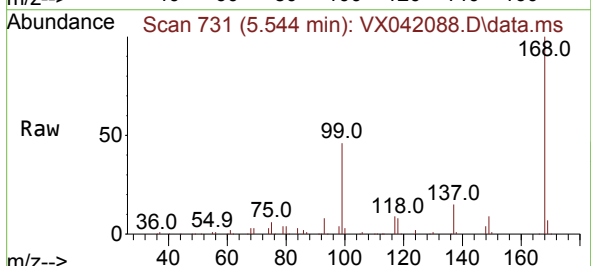
Instrument :
MSVOA_X
ClientSampleId :



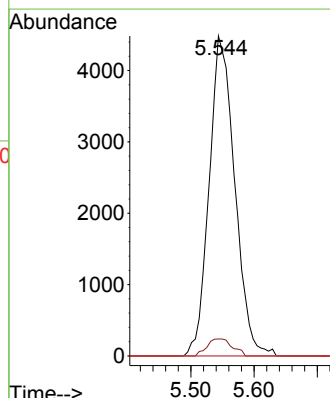
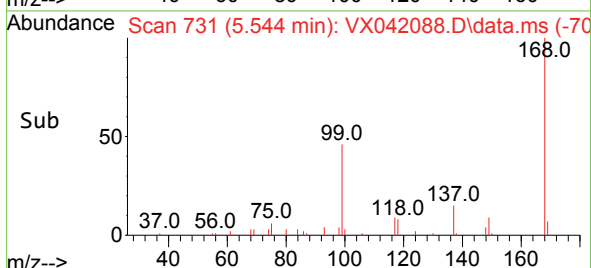
Tgt Ion: 75 Resp: 8346
Ion Ratio Lower Upper
75 100
110 8.1 17.0 50.9#
77 0.0 24.7 37.1#

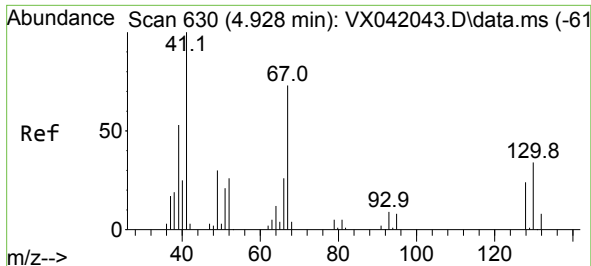


#38
Carbon Tetrachloride
Concen: 6.627 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX042088.D
Acq: 28 Jun 2024 16:15



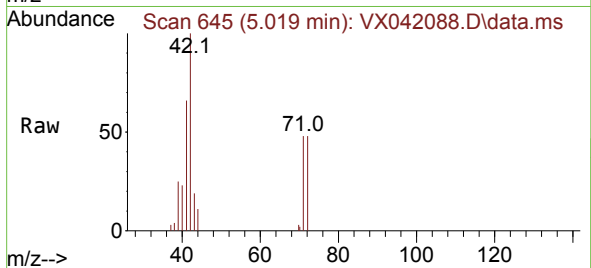
Tgt Ion: 117 Resp: 12607
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



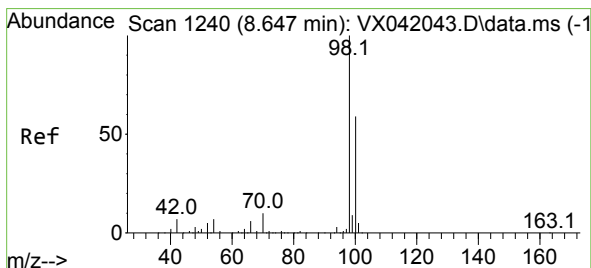
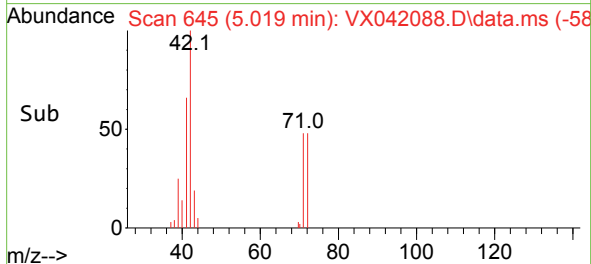
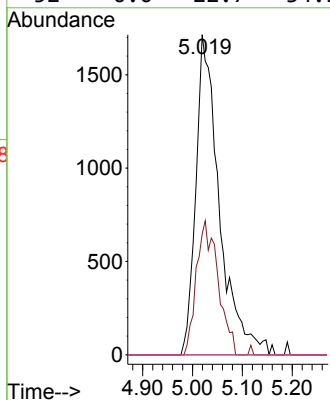


#41
Methacrylonitrile
Concen: 4.630 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.091 min
Lab File: VX042088.D
Acq: 28 Jun 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :

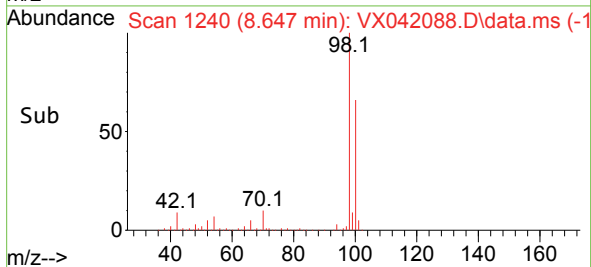
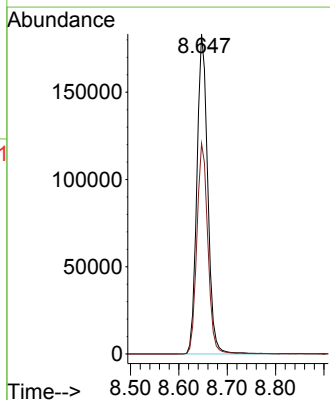
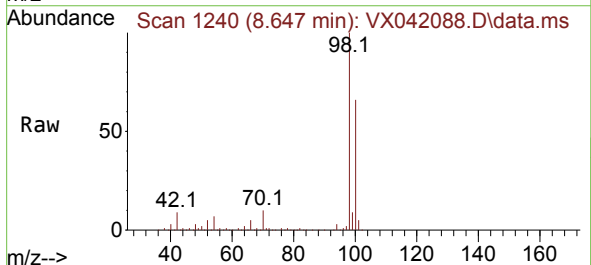


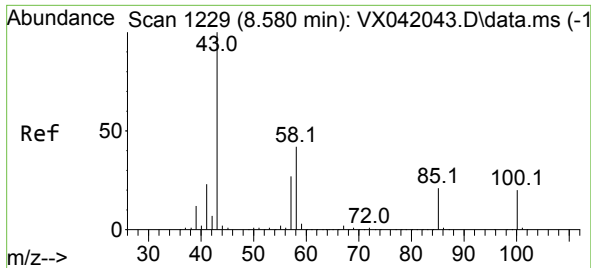
Tgt Ion: 41 Resp: 5629
Ion Ratio Lower Upper
41 100
39 38.6 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#



#50
Toluene-d8
Concen: 49.925 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042088.D
Acq: 28 Jun 2024 16:15

Tgt Ion: 98 Resp: 284395
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

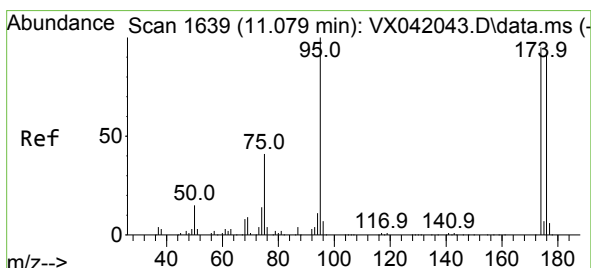
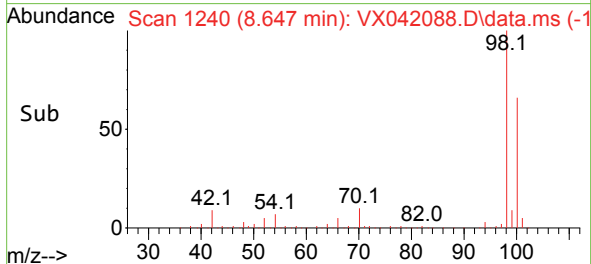
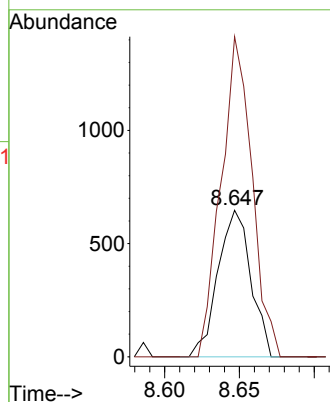
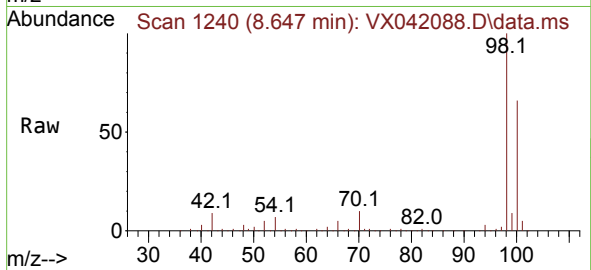




#51
4-Methyl-2-Pentanone
Concen: 0.418 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042088.D
Acq: 28 Jun 2024 16:15

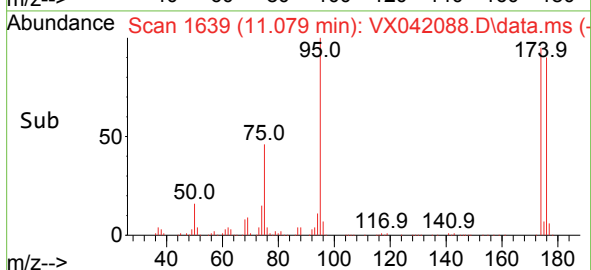
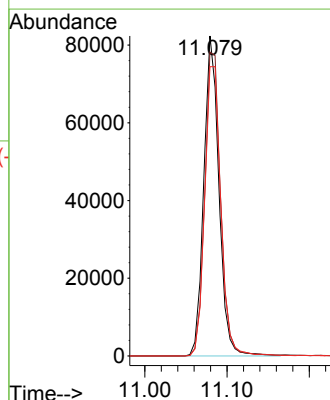
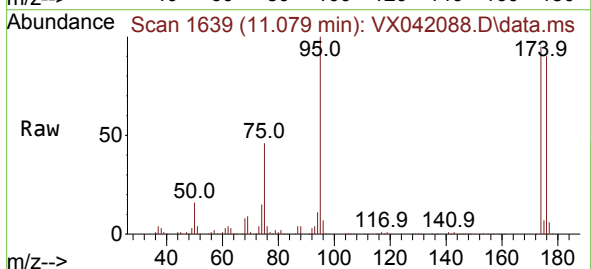
Instrument :
MSVOA_X
ClientSampleId :

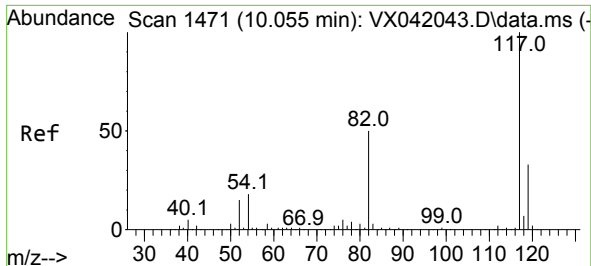
Tgt Ion: 43 Resp: 991
Ion Ratio Lower Upper
43 100
58 205.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.120 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042088.D
Acq: 28 Jun 2024 16:15

Tgt Ion: 95 Resp: 105244
Ion Ratio Lower Upper
95 100
174 100.0 0.0 135.6
176 96.8 0.0 131.0

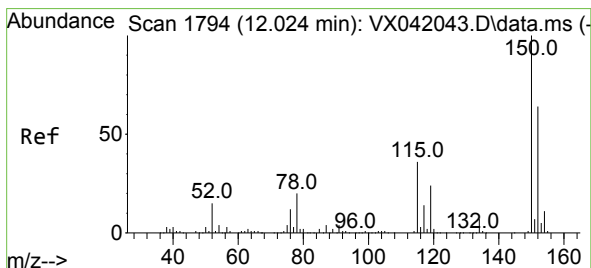
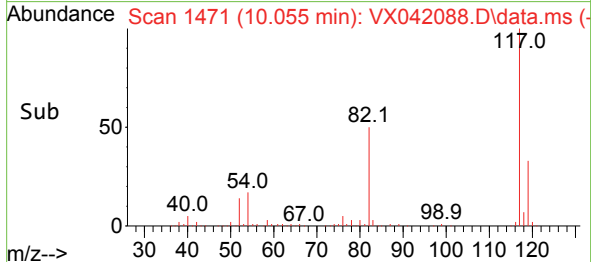
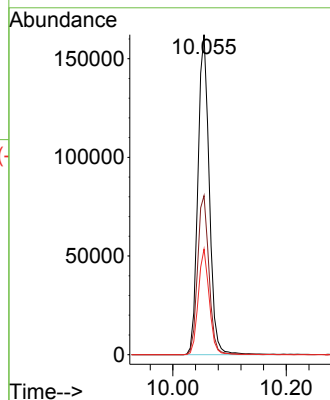
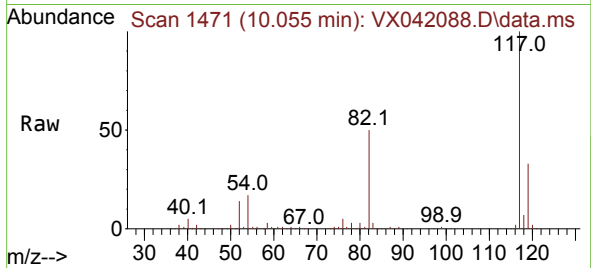




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042088.D
Acq: 28 Jun 2024 16:15

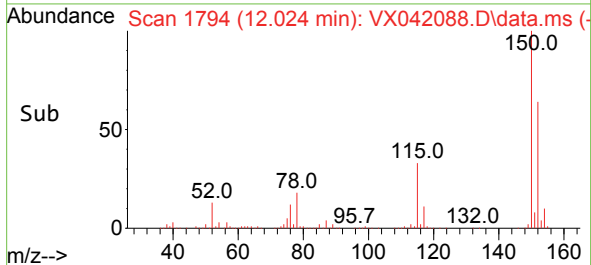
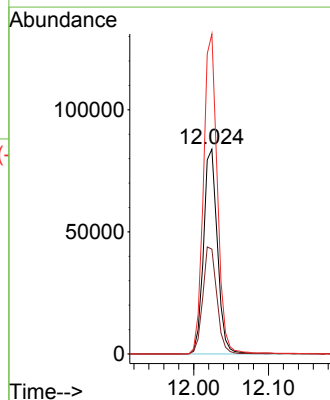
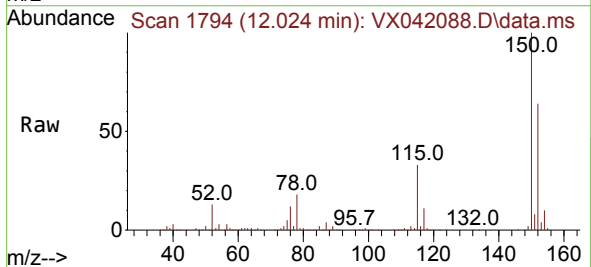
Instrument :
MSVOA_X
ClientSampleId :

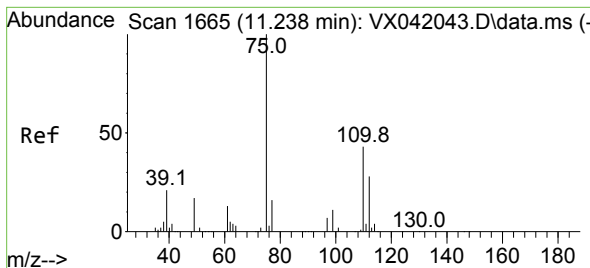
Tgt Ion:117 Resp: 224843
Ion Ratio Lower Upper
117 100
82 49.7 46.2 69.4
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042088.D
Acq: 28 Jun 2024 16:15

Tgt Ion:152 Resp: 108475
Ion Ratio Lower Upper
152 100
115 53.0 43.3 129.9
150 156.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.873 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042088.D

Acq: 28 Jun 2024 16:15

Instrument :

MSVOA_X

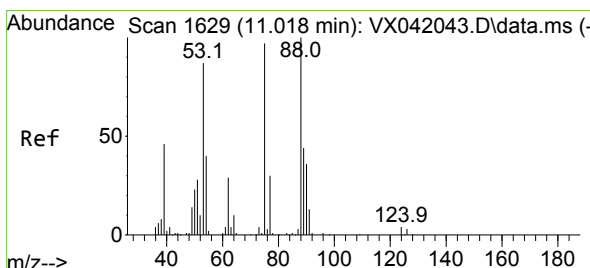
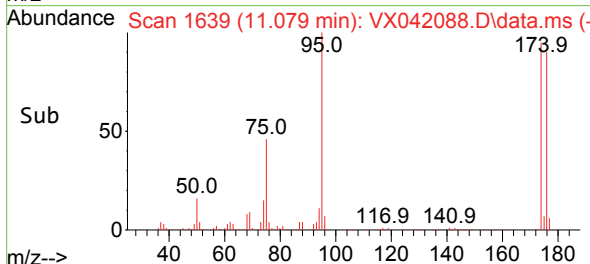
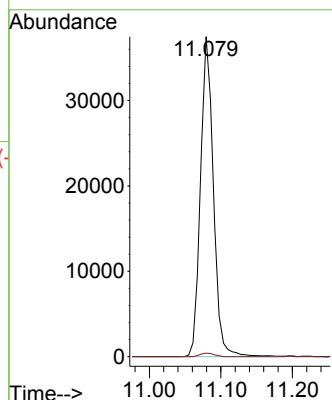
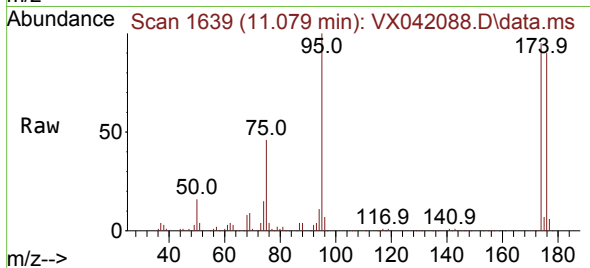
ClientSampleId :

Tgt Ion: 75 Resp: 47012

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.797 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042088.D

Acq: 28 Jun 2024 16:15

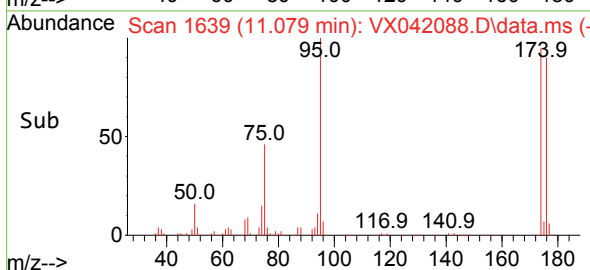
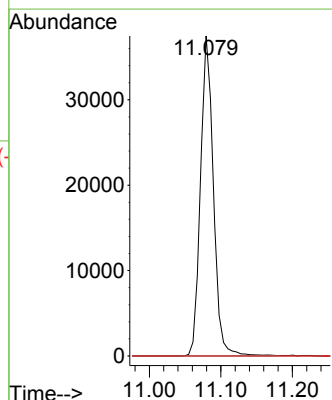
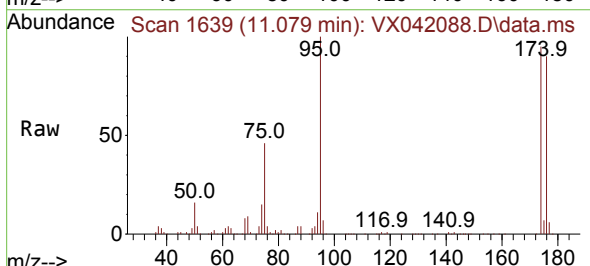
Tgt Ion: 75 Resp: 47012

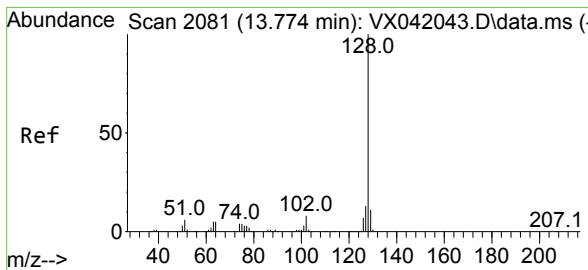
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

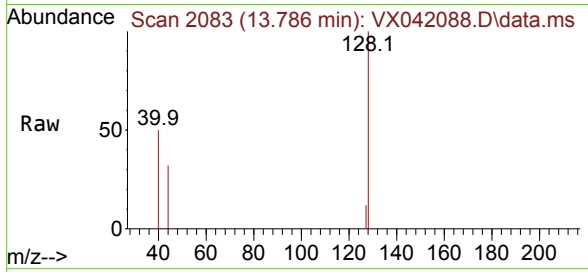
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.845 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042088.D
Acq: 28 Jun 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	764
Ion	Ratio	Lower	Upper
128	100		
127	9.7	10.3	15.5#
129	0.0	8.8	13.2#

