

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062824\
 Data File : VX042083.D
 Acq On : 28 Jun 2024 13:39
 Operator : JC/MD
 Sample : VX0628WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBL01

Quant Time: Jun 29 04:18:58 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)

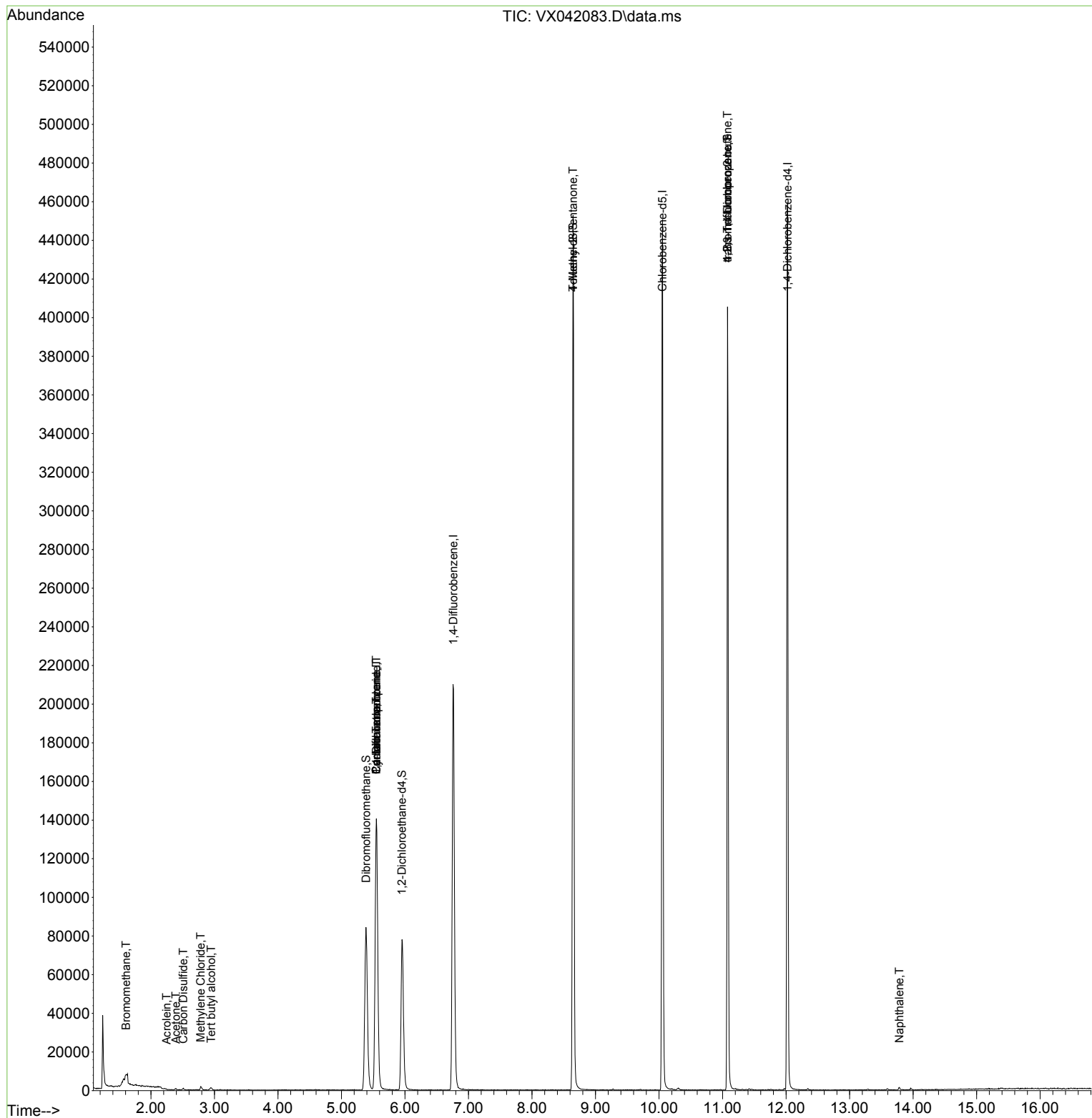
Internal Standards						
1) Pentafluorobenzene	5.550	168	158349	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	240830	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74522	40.812	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.620%		
35) Dibromofluoromethane	5.385	113	76384	44.700	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.400%		
50) Toluene-d8	8.647	98	277098	46.159	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.320%		
62) 4-Bromofluorobenzene	11.079	95	104875	47.392	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.780%		
Target Compounds						
						Qvalue
5) Bromomethane	1.605	94	331	0.442	ug/l	89
6) Chloroethane	1.654	64	405	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	876	2.528	ug/l #	78
13) Acrolein	2.246	56	88	0.227	ug/l	85
16) Acetone	2.392	43	666	0.831	ug/l #	81
17) Carbon Disulfide	2.508	76	1022	0.367	ug/l #	93
20) Methylene Chloride	2.782	84	1017	0.579	ug/l #	65
31) Cyclohexane	5.550	56	2060	0.965	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8836	4.869	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12813	6.391	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	992	0.397	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46668	22.422	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	46668	63.676	ug/l #	5
95) Naphthalene	13.786	128	1548	0.933	ug/l	96

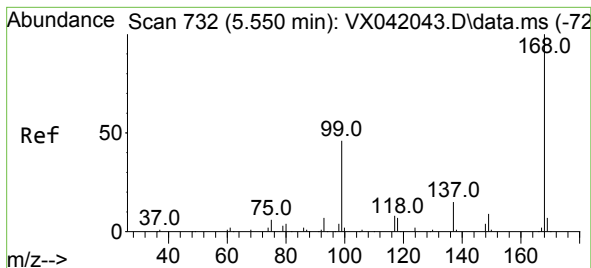
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX042083.D

Acq: 28 Jun 2024 13:39

Instrument :

MSVOA_X

ClientSampleId :

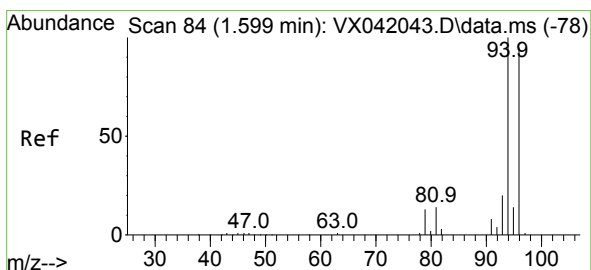
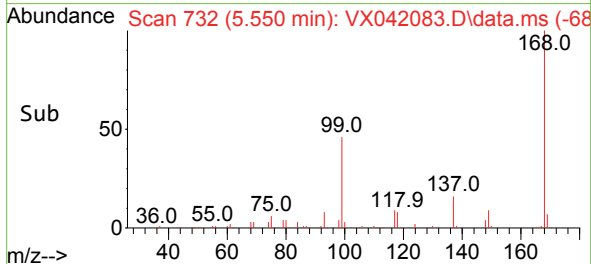
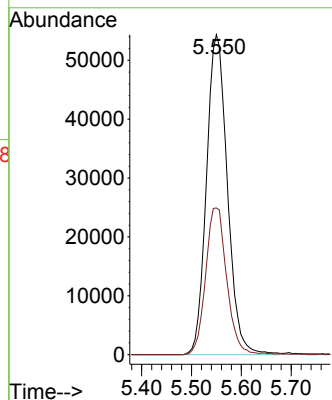
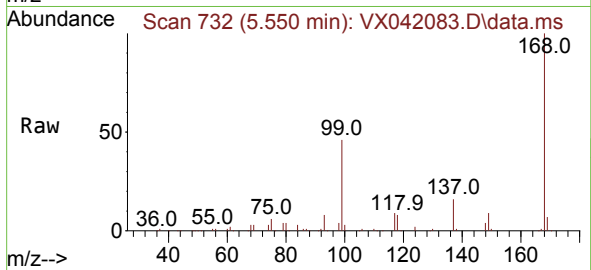
VX0628WBL01

Tgt Ion:168 Resp: 158349

Ion Ratio Lower Upper

168 100

99 45.9 56.6 85.0#



#5

Bromomethane

Concen: 0.442 ug/l

RT: 1.605 min Scan# 85

Delta R.T. 0.006 min

Lab File: VX042083.D

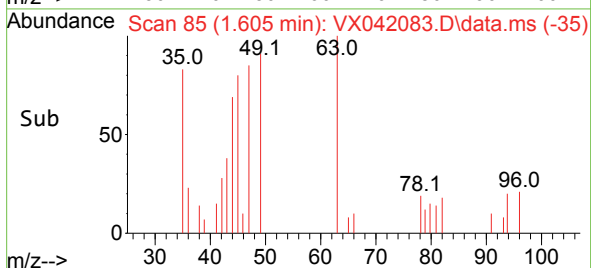
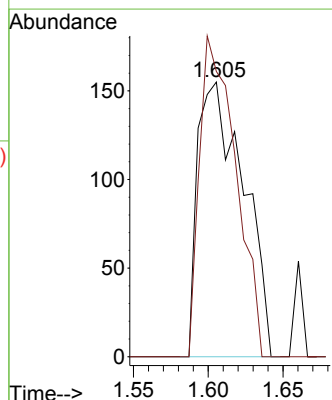
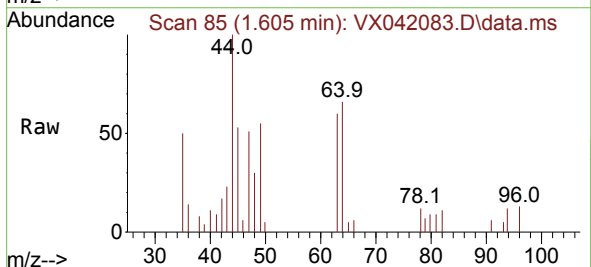
Acq: 28 Jun 2024 13:39

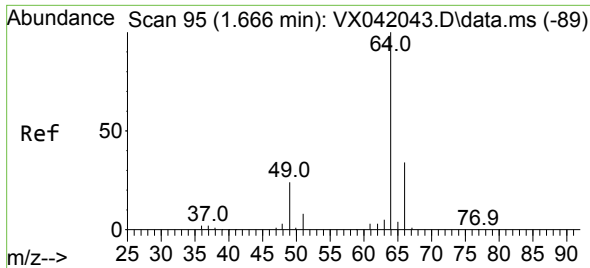
Tgt Ion: 94 Resp: 331

Ion Ratio Lower Upper

94 100

96 103.9 74.6 111.8

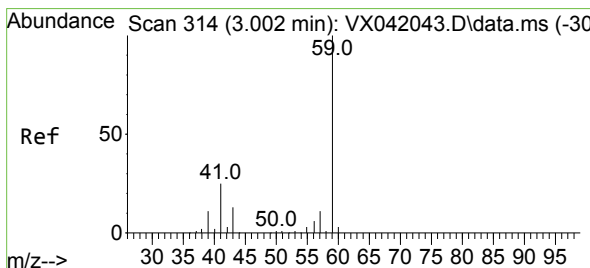
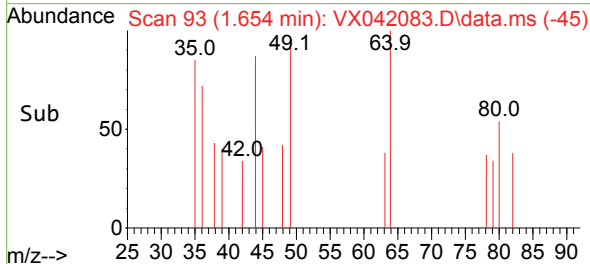
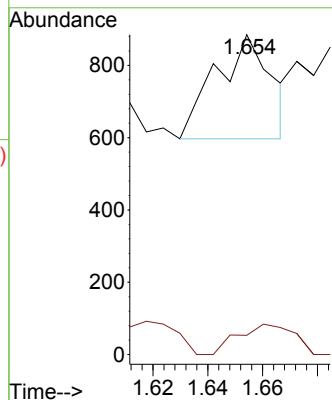
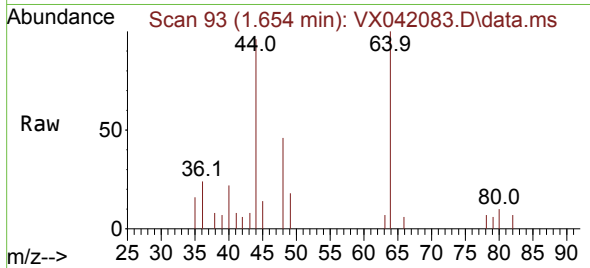




#6
Chloroethane
Concen: Below Cal
RT: 1.654 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX042083.D
Acq: 28 Jun 2024 13:39

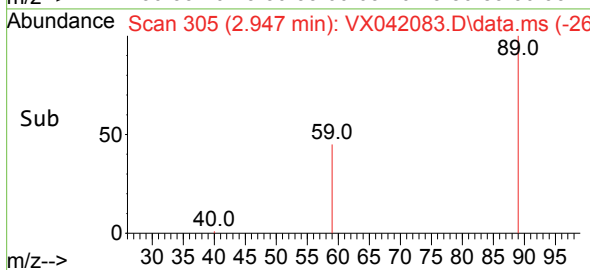
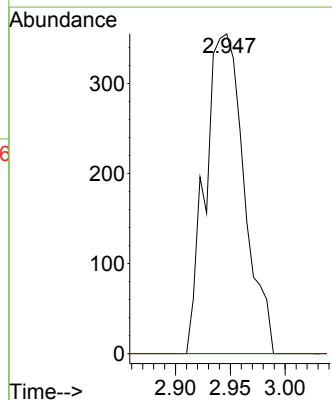
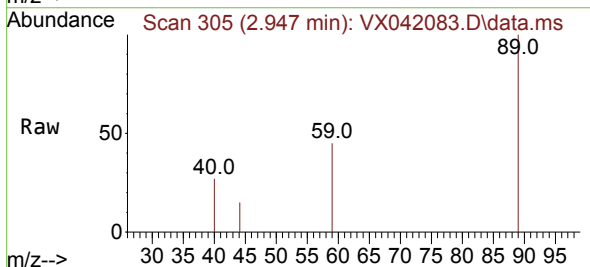
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBL01

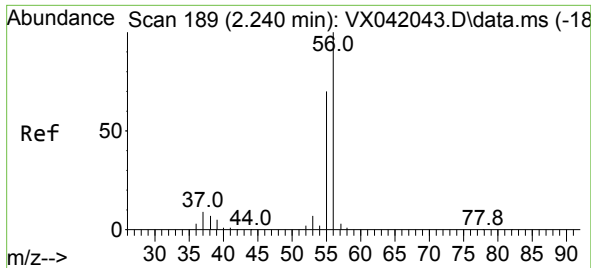
Tgt Ion: 64 Resp: 405
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 2.528 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX042083.D
Acq: 28 Jun 2024 13:39

Tgt Ion: 59 Resp: 876
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

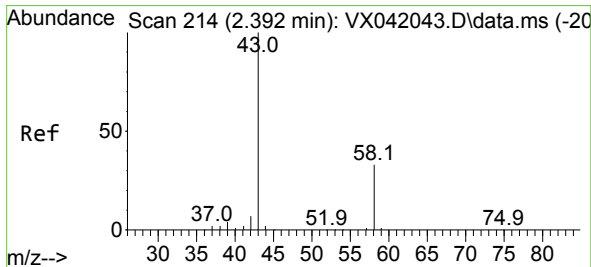
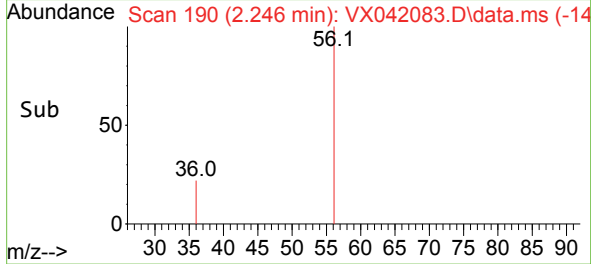
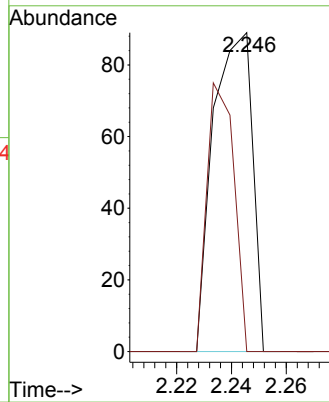
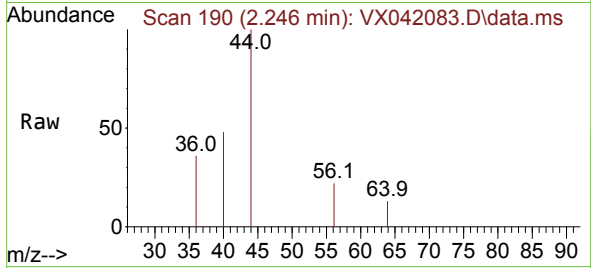




#13
Acrolein
Concen: 0.227 ug/l
RT: 2.246 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX042083.D
Acq: 28 Jun 2024 13:39

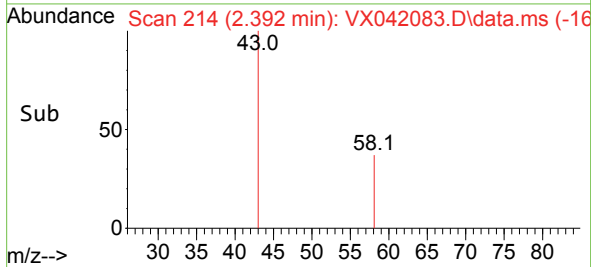
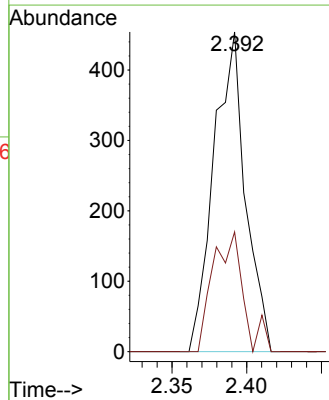
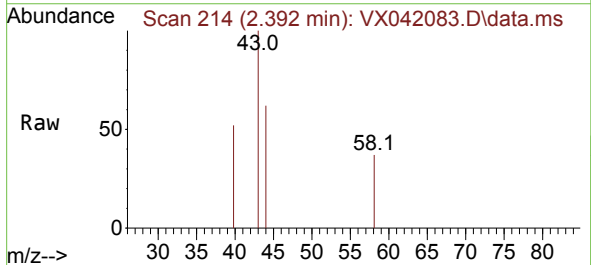
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBL01

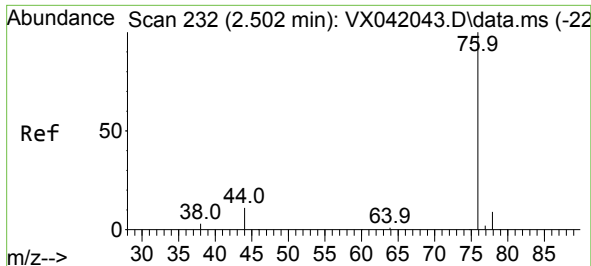
Tgt Ion: 56 Resp: 88
Ion Ratio Lower Upper
56 100
55 59.1 57.1 85.7



#16
Acetone
Concen: 0.831 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042083.D
Acq: 28 Jun 2024 13:39

Tgt Ion: 43 Resp: 666
Ion Ratio Lower Upper
43 100
58 37.4 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.367 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX042083.D

Acq: 28 Jun 2024 13:39

Instrument :

MSVOA_X

ClientSampleId :

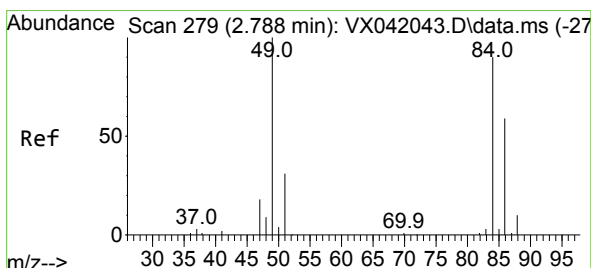
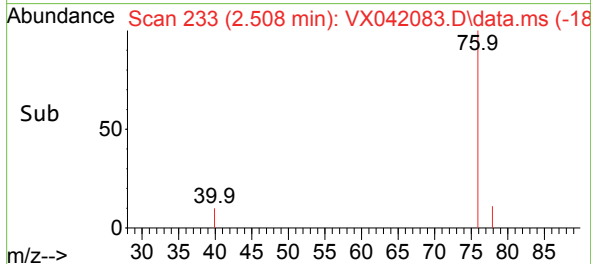
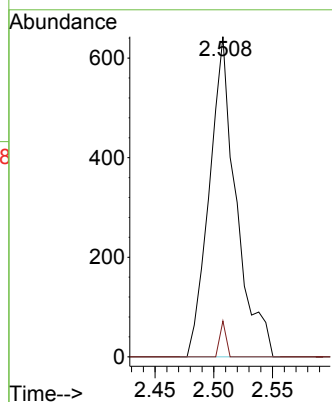
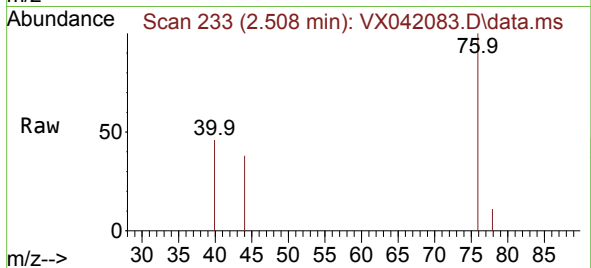
VX0628WBL01

Tgt Ion: 76 Resp: 1022

Ion Ratio Lower Upper

76 100

78 11.2 7.0 10.6#



#20

Methylene Chloride

Concen: 0.579 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX042083.D

Acq: 28 Jun 2024 13:39

Tgt Ion: 84 Resp: 1017

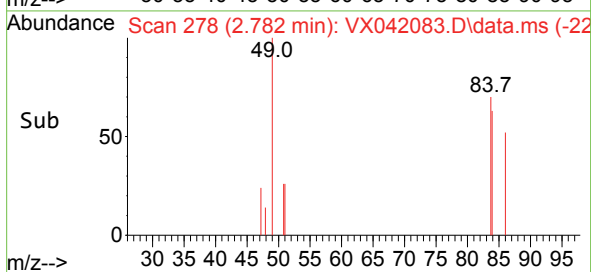
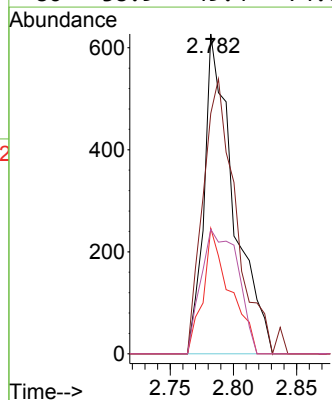
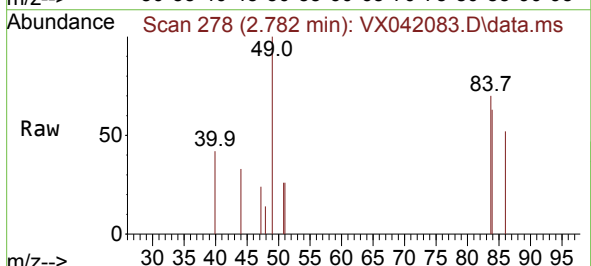
Ion Ratio Lower Upper

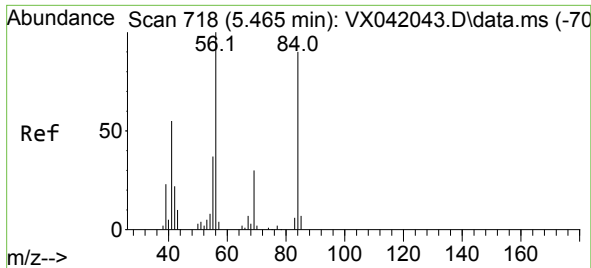
84 100

49 75.1 103.6 155.4#

51 39.2 33.8 50.6

86 38.9 49.4 74.0#

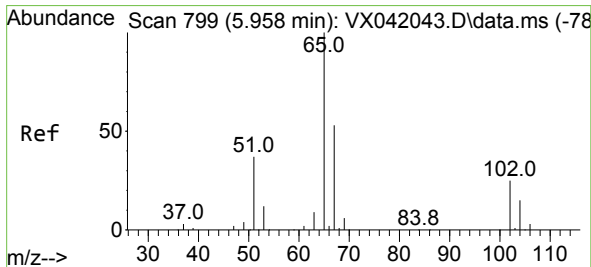
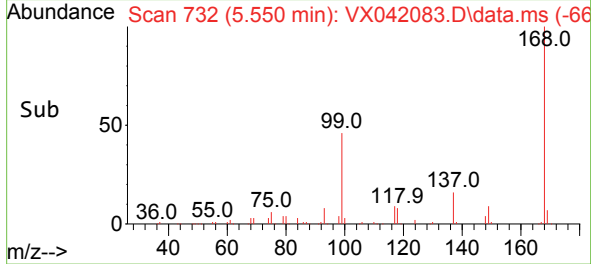
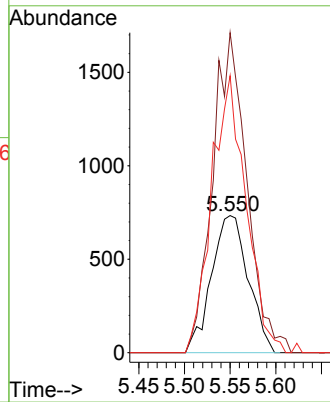
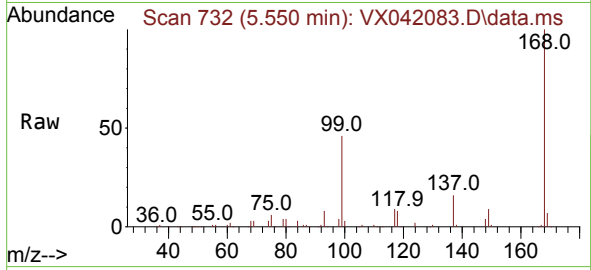




#31
Cyclohexane
Concen: 0.965 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX042083.D
Acq: 28 Jun 2024 13:39

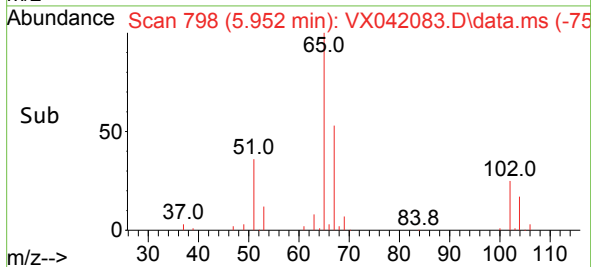
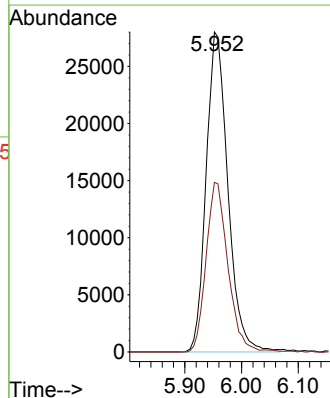
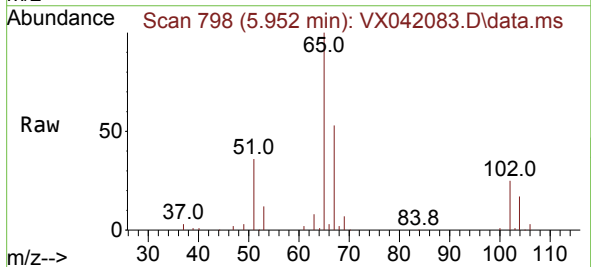
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBL01

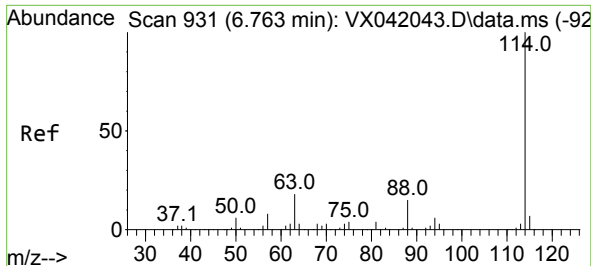
Tgt Ion: 56 Resp: 2060
Ion Ratio Lower Upper
56 100
69 233.2 23.4 35.2#
84 201.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 40.812 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX042083.D
Acq: 28 Jun 2024 13:39

Tgt Ion: 65 Resp: 74522
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

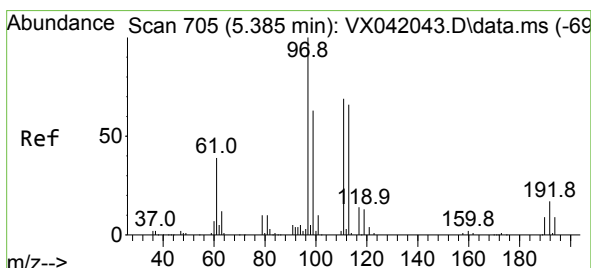
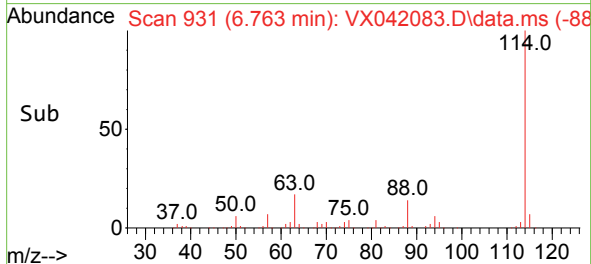
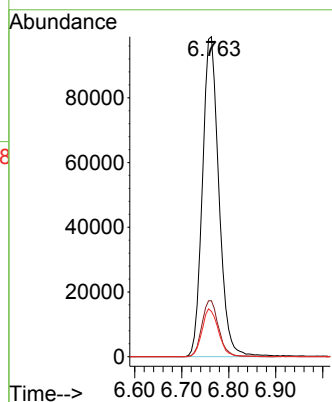
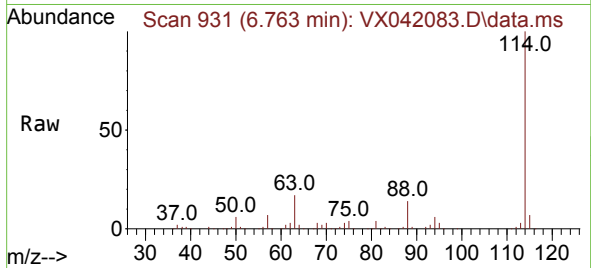




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX042083.D
Acq: 28 Jun 2024 13:39

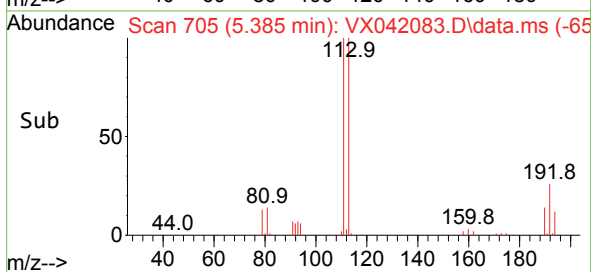
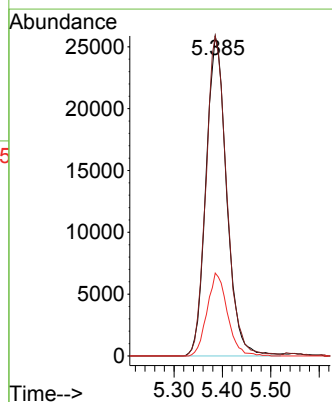
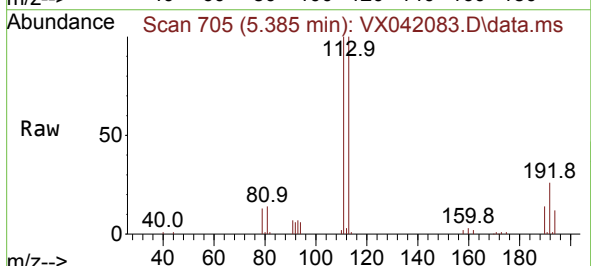
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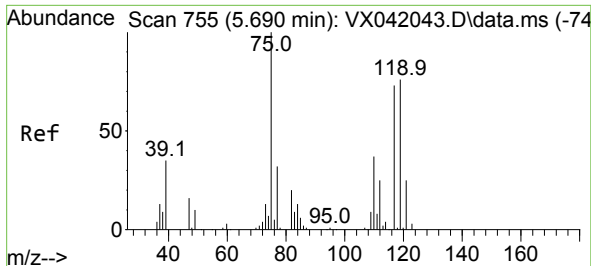
Tgt Ion:114 Resp: 240830
Ion Ratio Lower Upper
114 100
63 17.5 0.0 45.0
88 14.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.700 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042083.D
Acq: 28 Jun 2024 13:39

Tgt Ion:113 Resp: 76384
Ion Ratio Lower Upper
113 100
111 100.7 82.9 124.3
192 25.6 13.3 19.9#

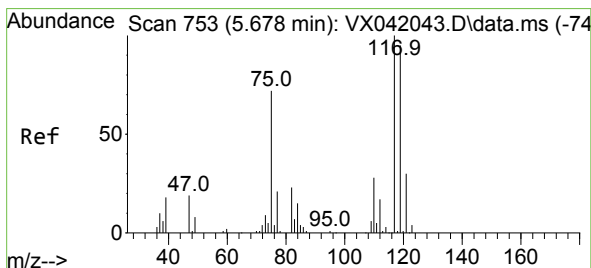
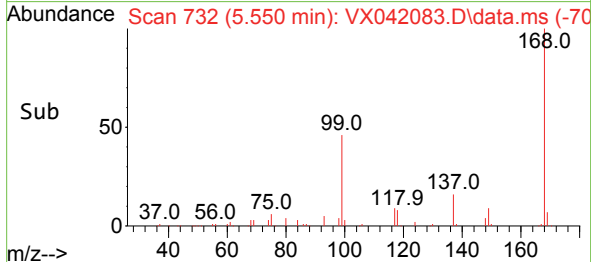
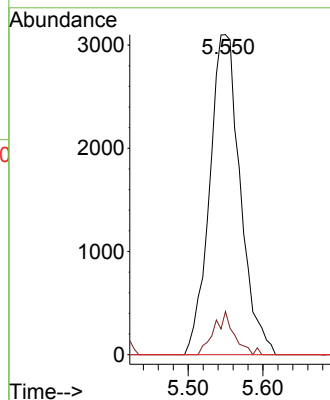
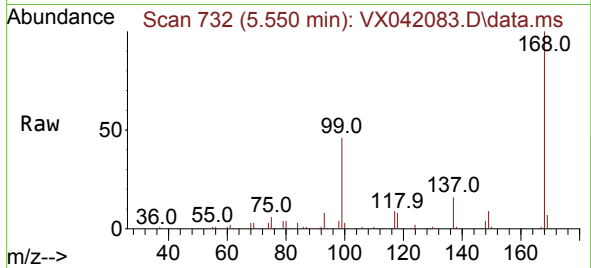




#36
1,1-Dichloropropene
Concen: 4.869 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX042083.D
Acq: 28 Jun 2024 13:39

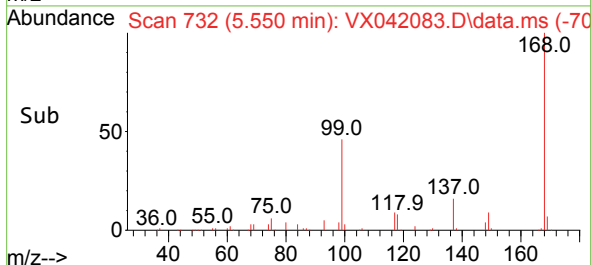
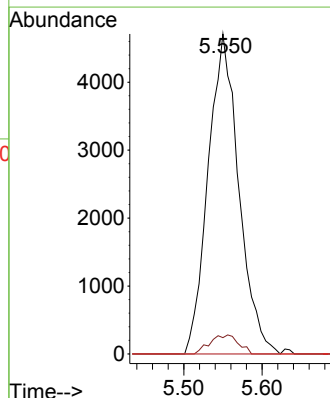
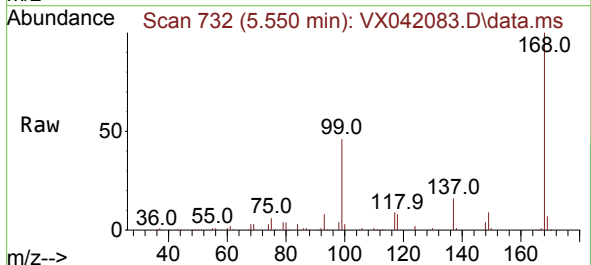
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBL01

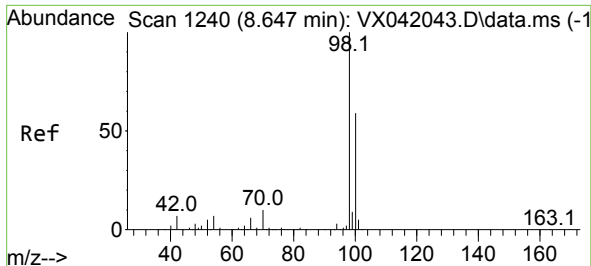
Tgt Ion: 75 Resp: 8836
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.391 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042083.D
Acq: 28 Jun 2024 13:39

Tgt Ion: 117 Resp: 12813
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#

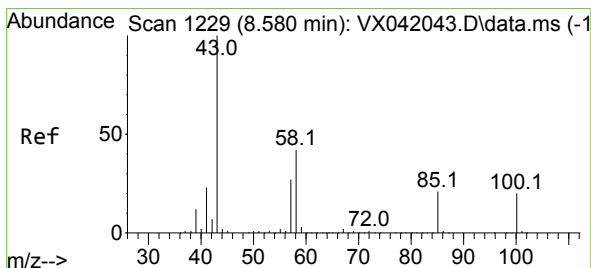
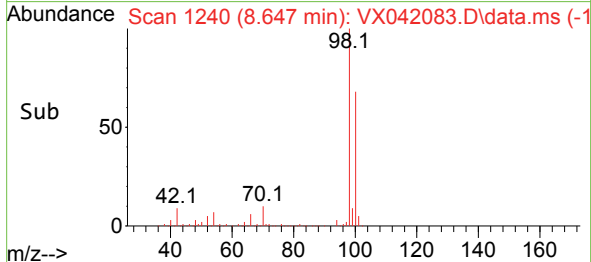
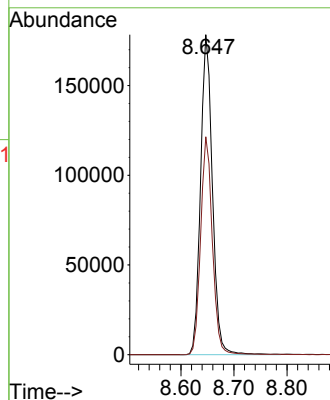
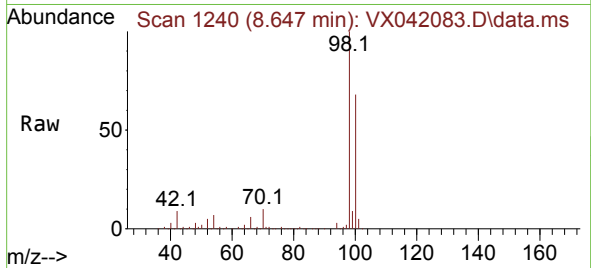




#50
Toluene-d8
Concen: 46.159 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042083.D
Acq: 28 Jun 2024 13:39

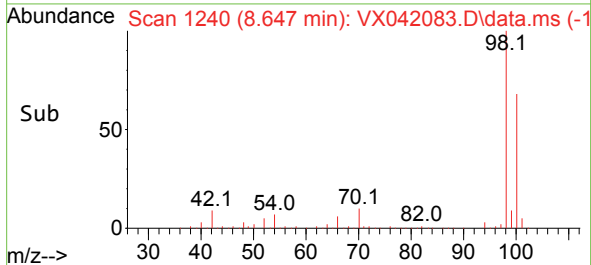
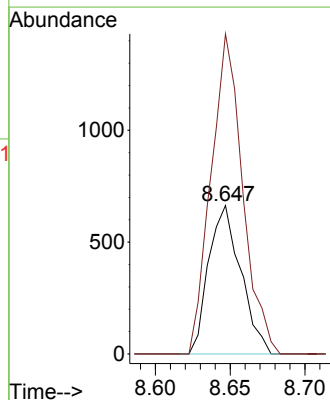
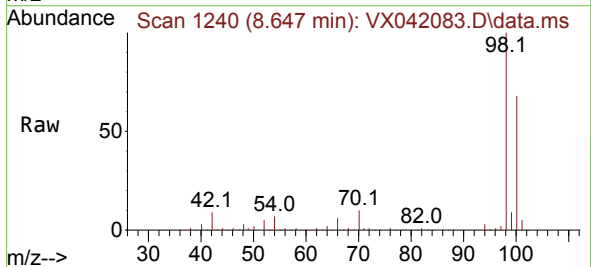
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBL01

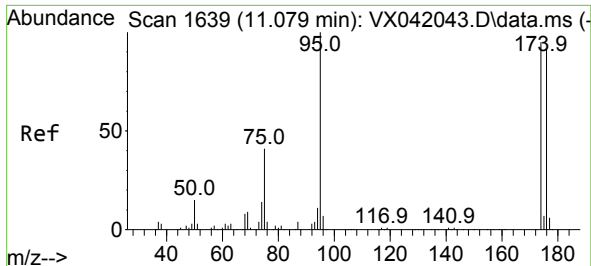
Tgt Ion: 98 Resp: 277098
Ion Ratio Lower Upper
98 100
100 67.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.397 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042083.D
Acq: 28 Jun 2024 13:39

Tgt Ion: 43 Resp: 992
Ion Ratio Lower Upper
43 100
58 212.2 30.4 45.6#

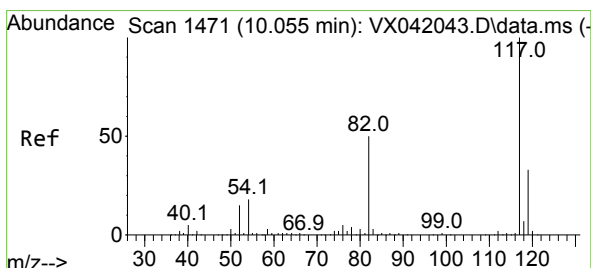
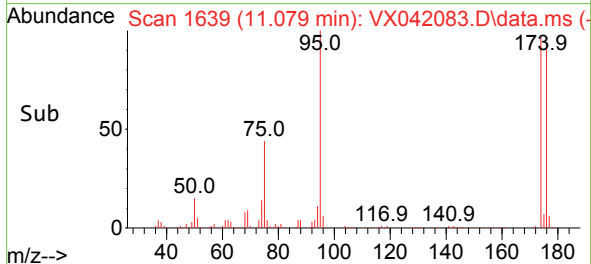
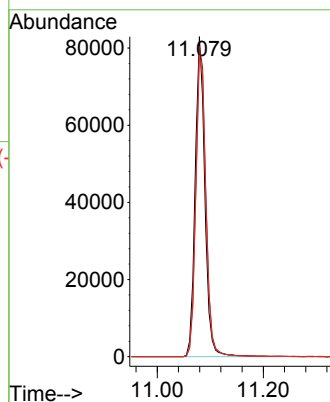
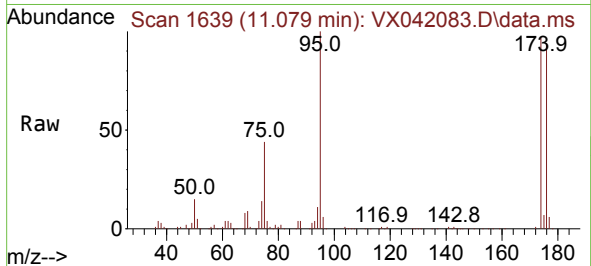




#62
4-Bromofluorobenzene
Concen: 47.392 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042083.D
Acq: 28 Jun 2024 13:39

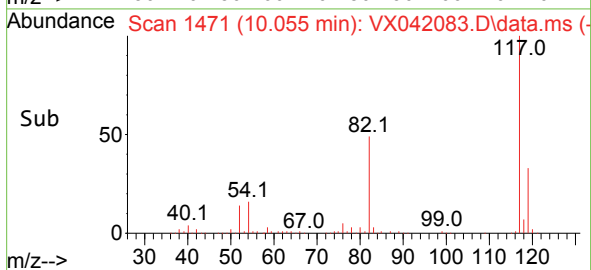
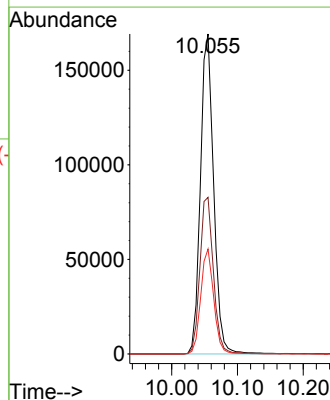
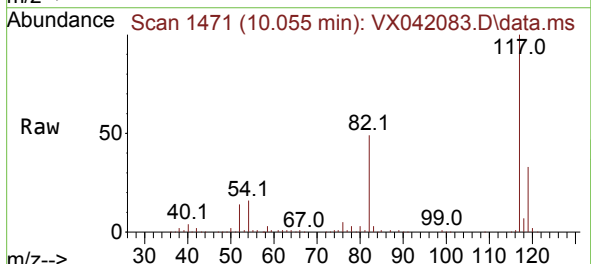
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBL01

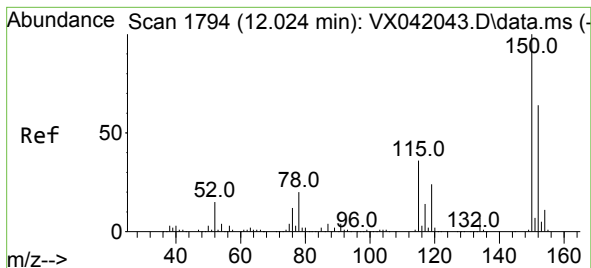
Tgt Ion: 95 Resp: 104875
Ion Ratio Lower Upper
95 100
174 101.1 0.0 135.6
176 97.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042083.D
Acq: 28 Jun 2024 13:39

Tgt Ion: 117 Resp: 236587
Ion Ratio Lower Upper
117 100
82 49.0 46.2 69.4
119 32.8 25.5 38.3

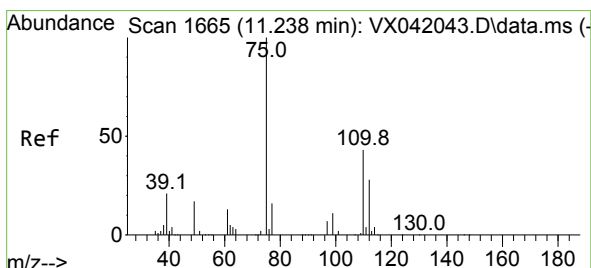
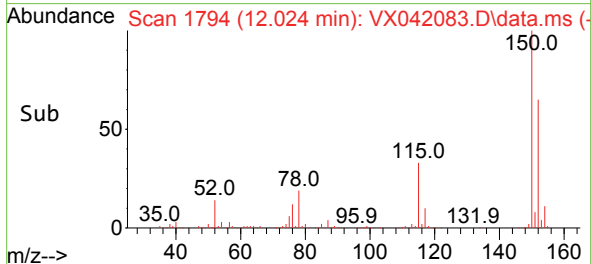
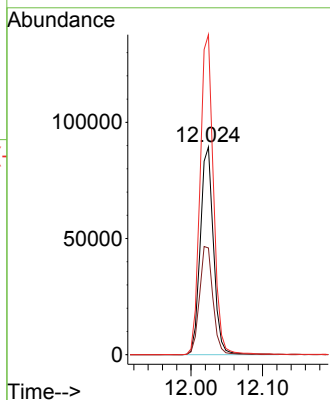
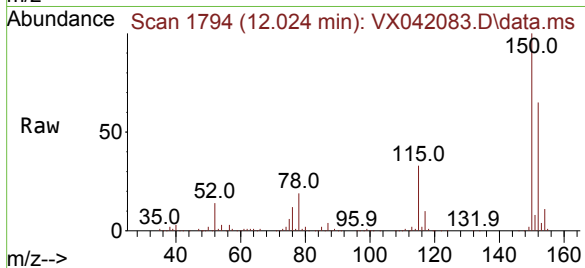




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042083.D
Acq: 28 Jun 2024 13:39

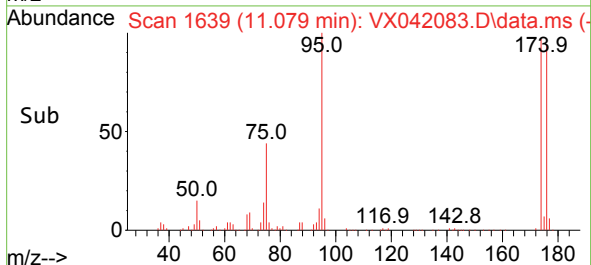
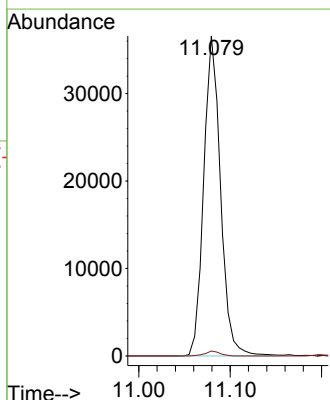
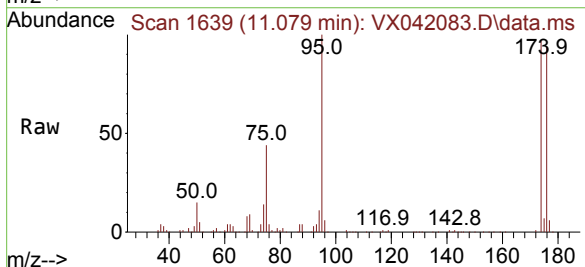
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBL01

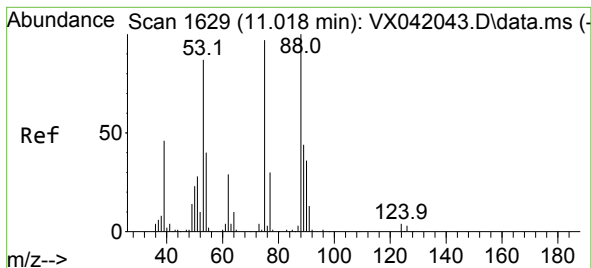
Tgt Ion:152 Resp: 114650
Ion Ratio Lower Upper
152 100
115 53.1 43.3 129.9
150 156.4 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 22.422 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX042083.D
Acq: 28 Jun 2024 13:39

Tgt Ion: 75 Resp: 46668
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#

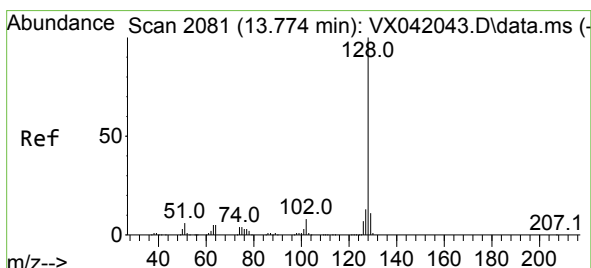
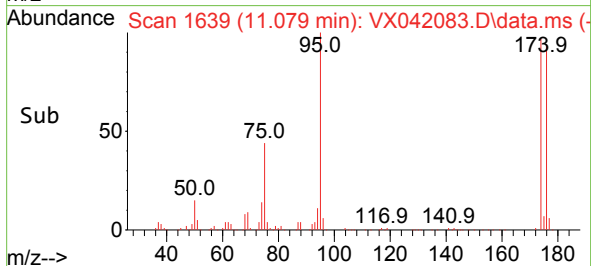
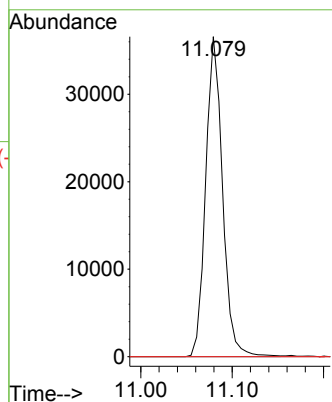
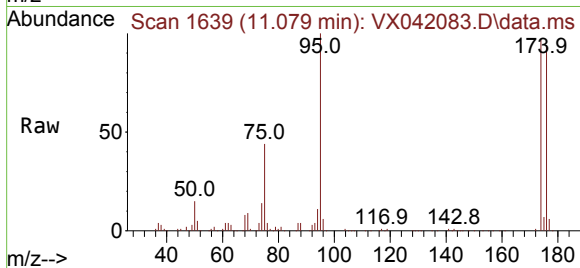




#81
trans-1,4-Dichloro-2-butene
Concen: 63.676 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042083.D
Acq: 28 Jun 2024 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBL01

Tgt Ion: 75 Resp: 46668
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.933 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042083.D
Acq: 28 Jun 2024 13:39

Tgt Ion: 128 Resp: 1548
Ion Ratio Lower Upper
128 100
127 11.0 10.3 15.5
129 9.6 8.8 13.2

