

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042968.D
 Acq On : 09 Aug 2024 03:43
 Operator : JC/MD
 Sample : P3457-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 09 05:50:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

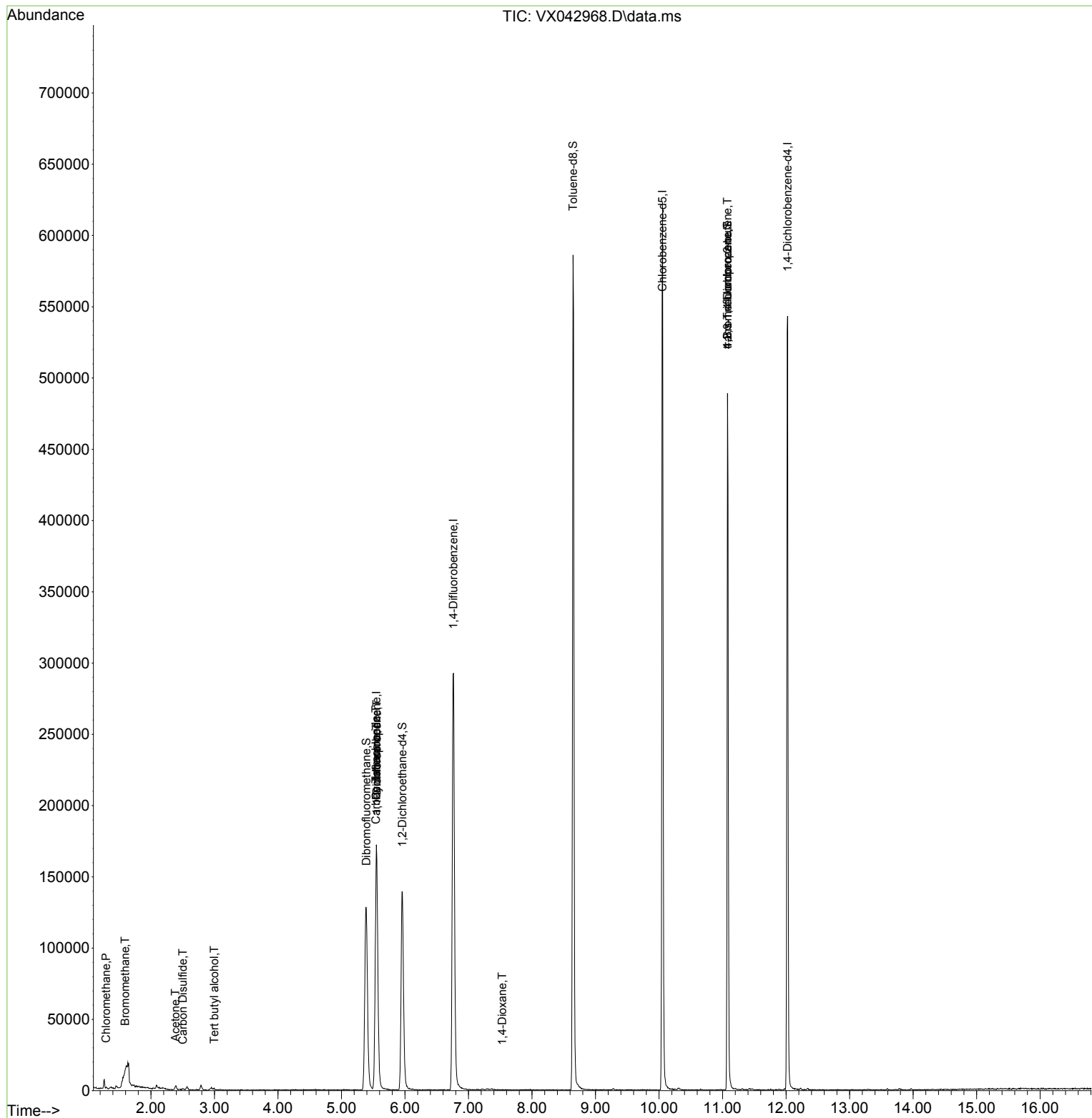
Internal Standards						
1) Pentafluorobenzene	5.550	168	158206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	312445	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	293579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140056	64.487	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 128.980%#		
35) Dibromofluoromethane	5.391	113	115973	56.768	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 113.540%		
50) Toluene-d8	8.647	98	366567	50.544	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.080%		
62) 4-Bromofluorobenzene	11.079	95	131035	50.280	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 100.560%		
Target Compounds						Qvalue
3) Chloromethane	1.295	50	556	0.299	ug/l #	43
5) Bromomethane	1.593	94	584	0.547	ug/l #	42
11) Tert butyl alcohol	2.995	59	1188	2.750	ug/l #	95
16) Acetone	2.386	43	3386	3.594	ug/l	94
17) Carbon Disulfide	2.502	76	1269	0.299	ug/l	99
20) Methylene Chloride	2.794	84	1416	Below Cal	#	76
31) Cyclohexane	5.550	56	3606	1.327	ug/l #	10
36) 1,1-Dichloropropene	5.556	75	12789	4.617	ug/l #	50
38) Carbon Tetrachloride	5.544	117	16924	5.413	ug/l #	15
49) 1,4-Dioxane	7.531	88	23	0.422	ug/l #	12
76) 1,2,3-Trichloropropane	11.079	75	68324	24.978	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	68324	81.216	ug/l #	5

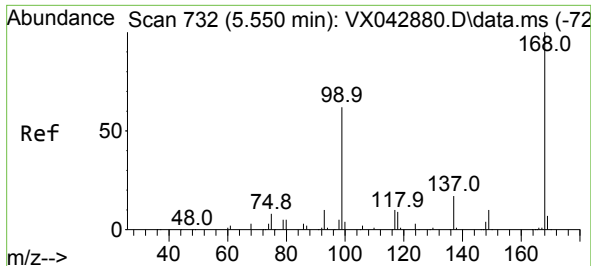
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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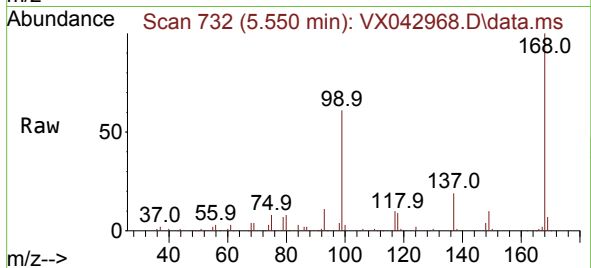
Quant Time: Aug 09 05:50:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:55:22 2024
Response via : Initial Calibration



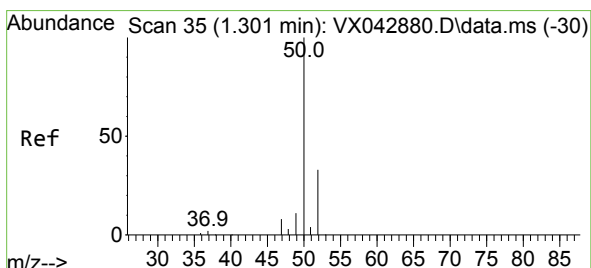
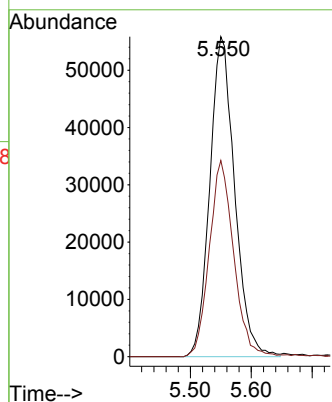
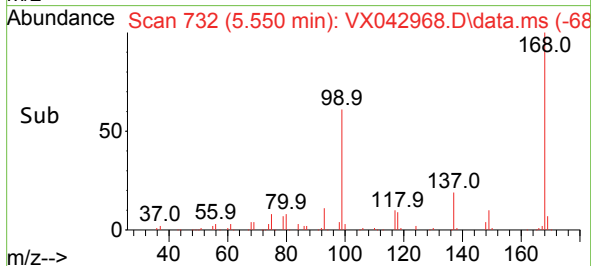


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042968.D
Acq: 09 Aug 2024 03:43

Instrument :
MSVOA_X
ClientSampleId :

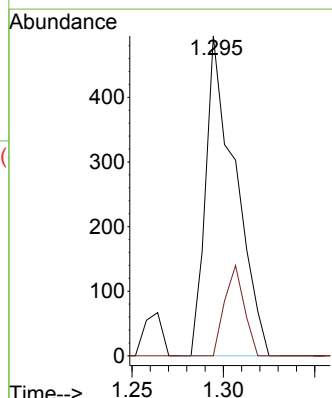
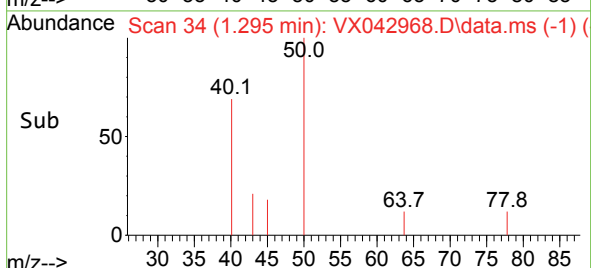
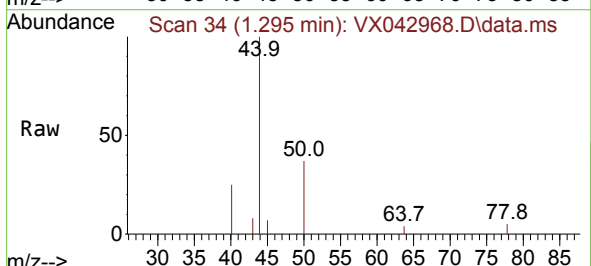


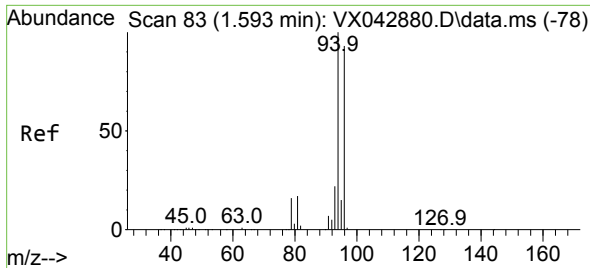
Tgt Ion:168 Resp: 158206
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0



#3
Chloromethane
Concen: 0.299 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX042968.D
Acq: 09 Aug 2024 03:43

Tgt Ion: 50 Resp: 556
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

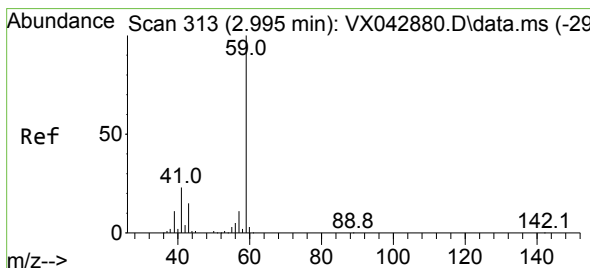
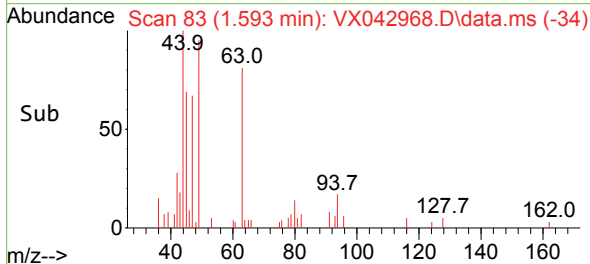
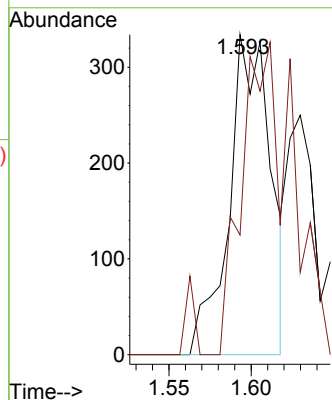
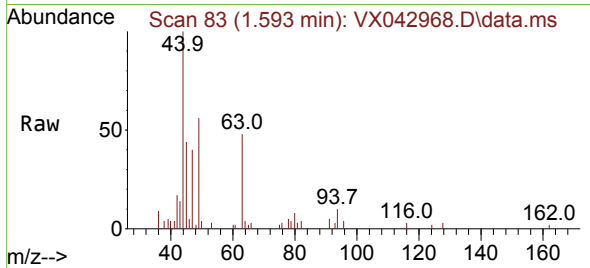




#5
Bromomethane
Concen: 0.547 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX042968.D
Acq: 09 Aug 2024 03:43

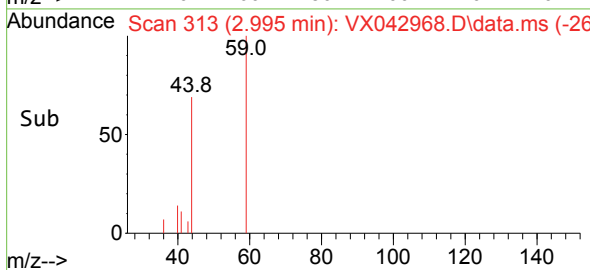
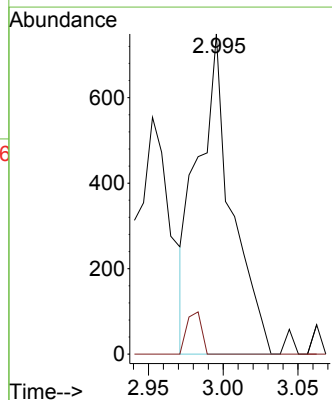
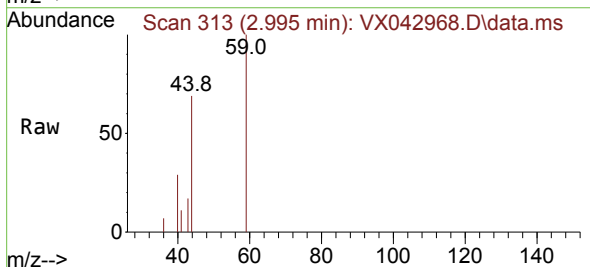
Instrument :
MSVOA_X
ClientSampleId :

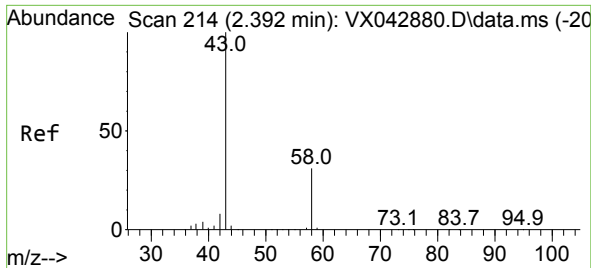
Tgt Ion: 94 Resp: 584
Ion Ratio Lower Upper
94 100
96 37.4 74.6 111.8#



#11
Tert butyl alcohol
Concen: 2.750 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.000 min
Lab File: VX042968.D
Acq: 09 Aug 2024 03:43

Tgt Ion: 59 Resp: 1188
Ion Ratio Lower Upper
59 100
57 5.7 6.0 9.0#

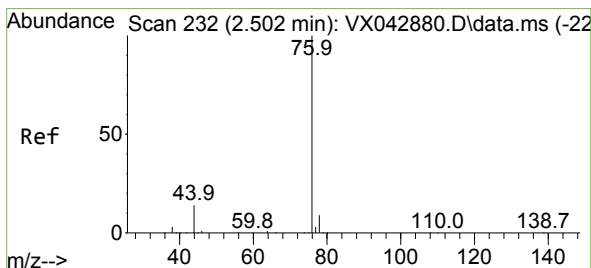
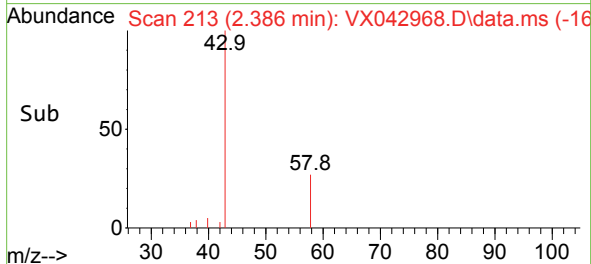
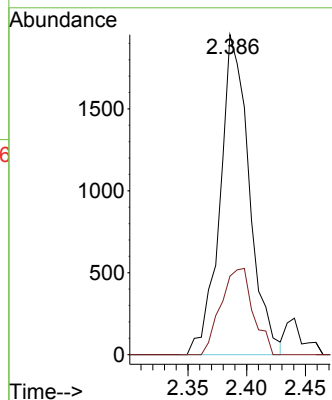
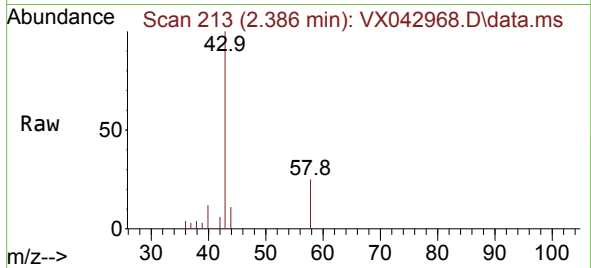




#16
Acetone
Concen: 3.594 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042968.D
Acq: 09 Aug 2024 03:43

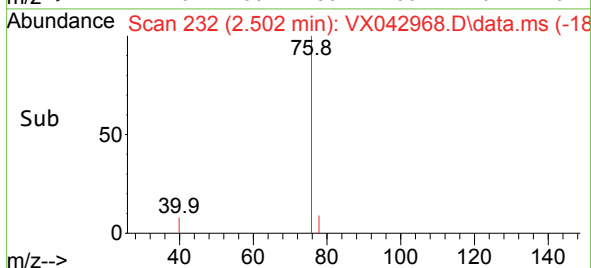
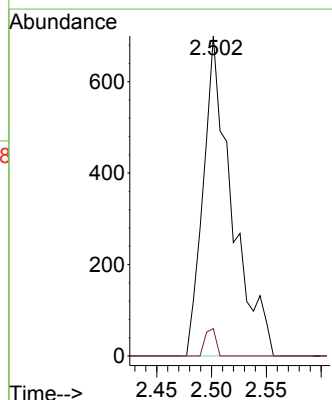
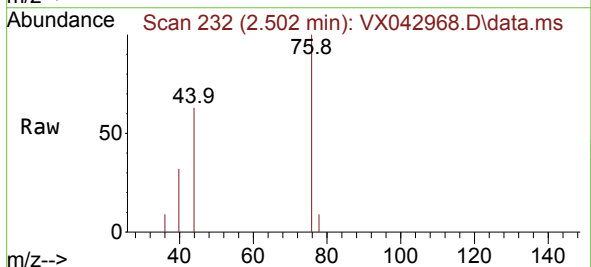
Instrument :
MSVOA_X
ClientSampleId :

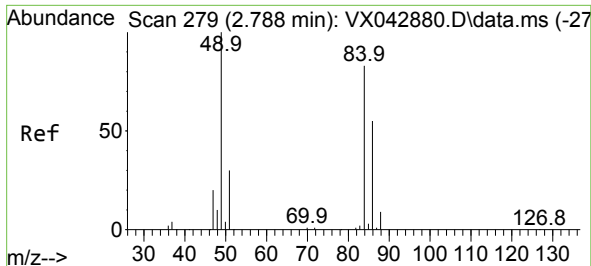
Tgt Ion: 43 Resp: 3386
Ion Ratio Lower Upper
43 100
58 24.5 21.9 32.9



#17
Carbon Disulfide
Concen: 0.299 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX042968.D
Acq: 09 Aug 2024 03:43

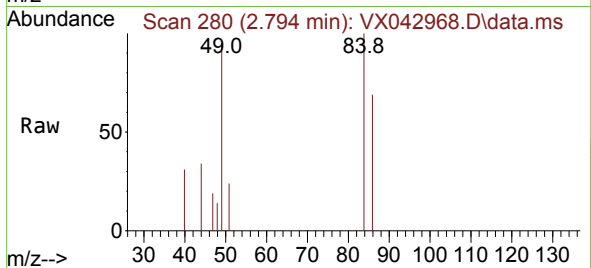
Tgt Ion: 76 Resp: 1269
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



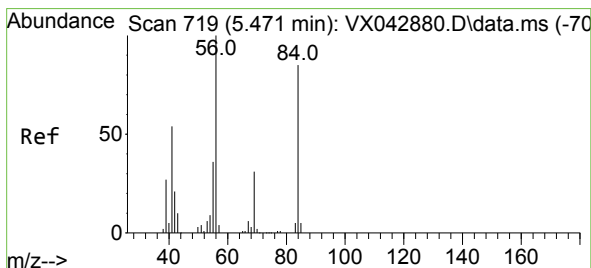
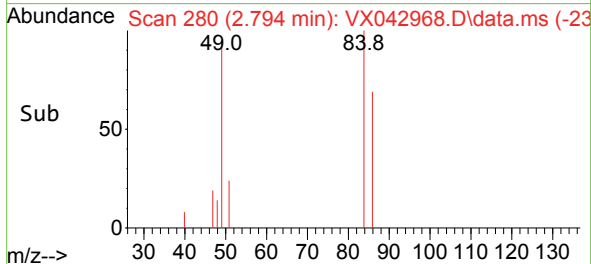
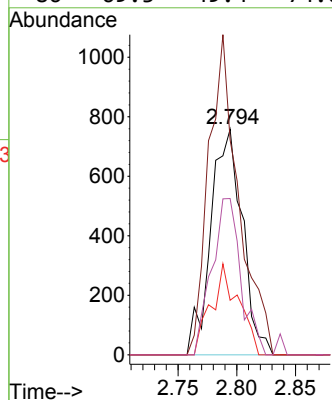


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042968.D
Acq: 09 Aug 2024 03:43

Instrument :
MSVOA_X
ClientSampleId :

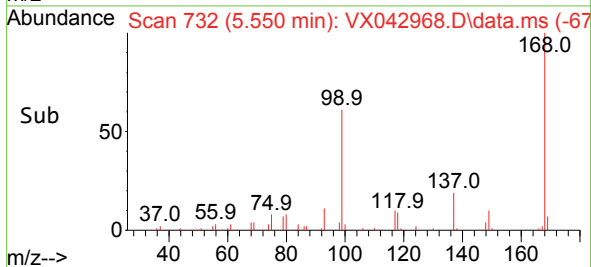
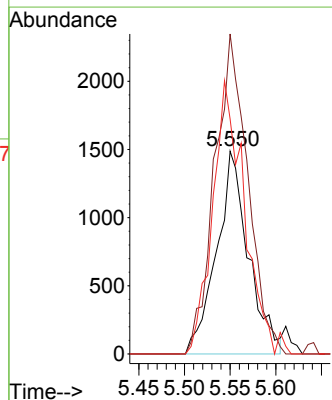
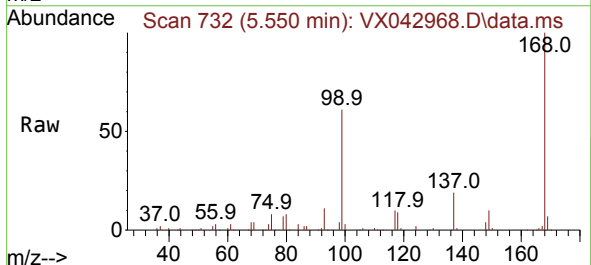


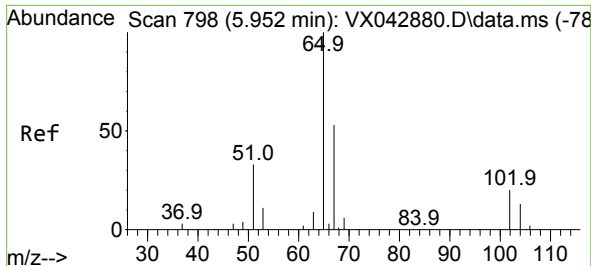
Tgt Ion:	84	Resp:	1416
Ion	Ratio	Lower	Upper
84	100		
49	95.3	103.6	155.4#
51	24.1	33.8	50.6#
86	69.3	49.4	74.0



#31
Cyclohexane
Concen: 1.327 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX042968.D
Acq: 09 Aug 2024 03:43

Tgt Ion:	56	Resp:	3606
Ion	Ratio	Lower	Upper
56	100		
69	157.8	23.4	35.2#
84	115.9	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 64.487 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042968.D

Acq: 09 Aug 2024 03:43

Instrument :

MSVOA_X

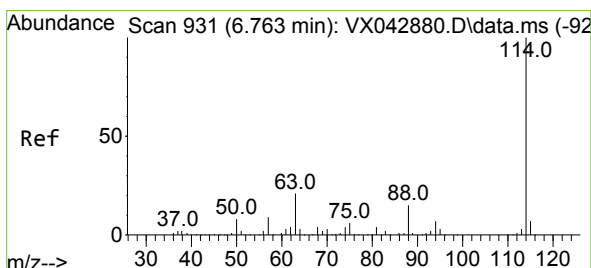
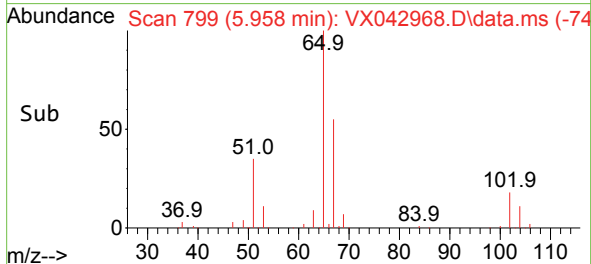
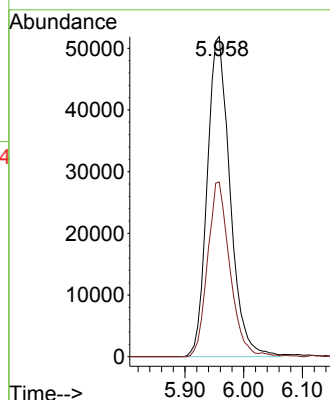
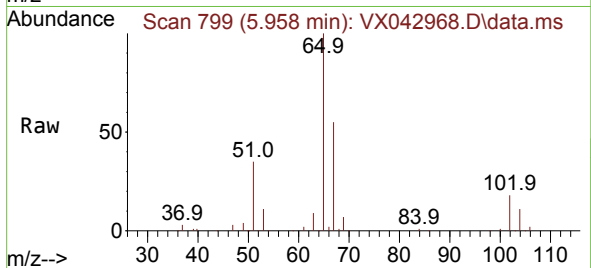
ClientSampleId :

Tgt Ion: 65 Resp: 140056

Ion Ratio Lower Upper

65 100

67 53.5 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: VX042968.D

Acq: 09 Aug 2024 03:43

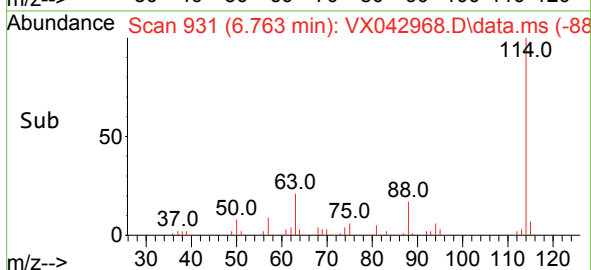
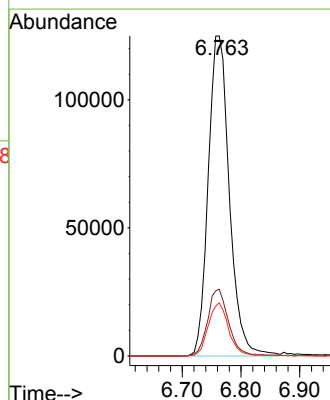
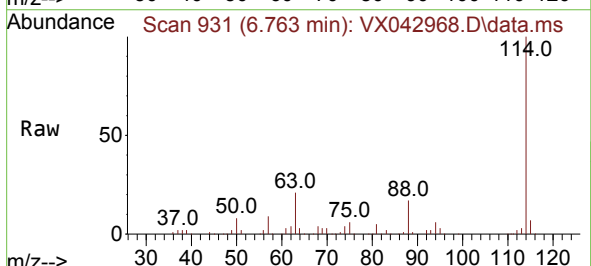
Tgt Ion: 114 Resp: 312445

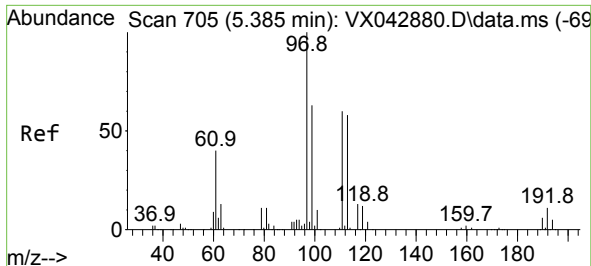
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

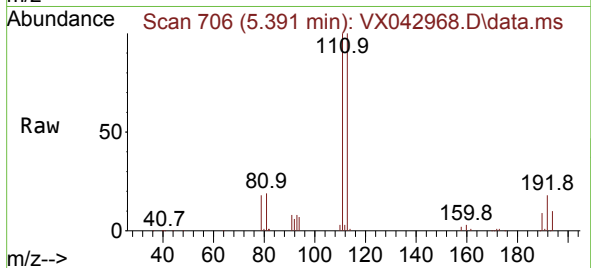
88 16.6 0.0 36.6



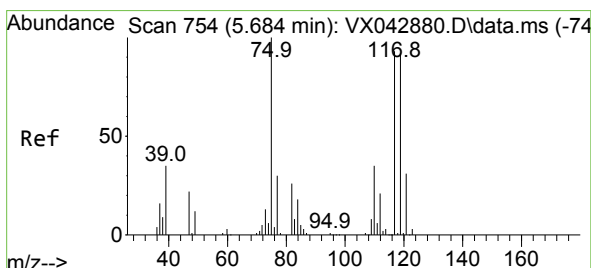
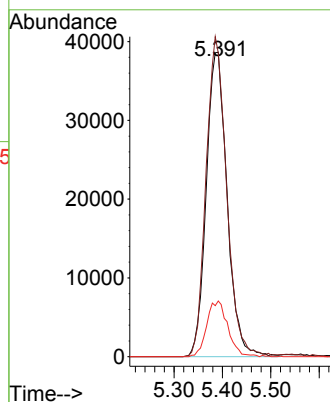
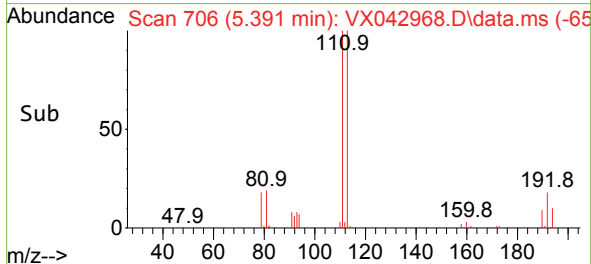


#35
 Dibromofluoromethane
 Concen: 56.768 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX042968.D
 Acq: 09 Aug 2024 03:43

Instrument :
 MSVOA_X
 ClientSampleId :

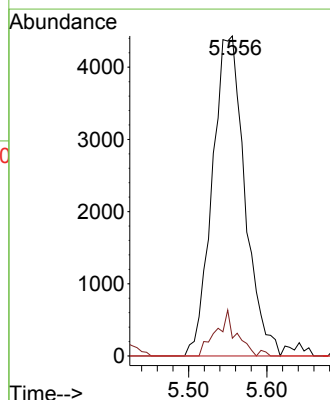
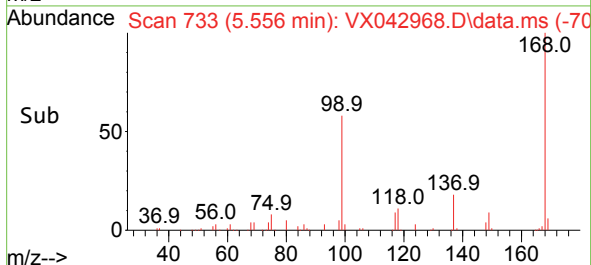
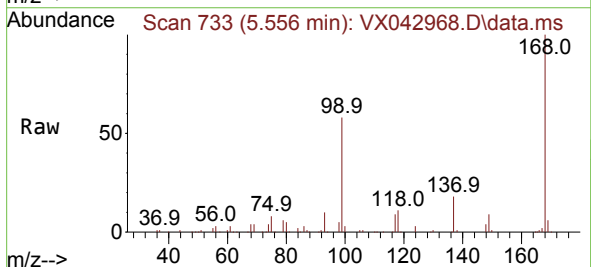


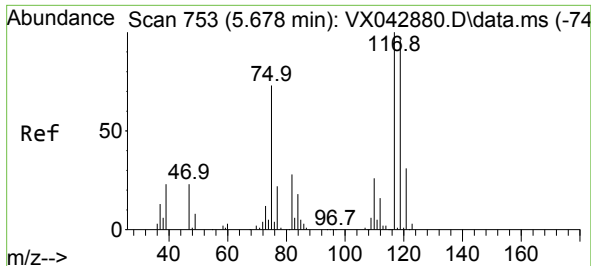
Tgt Ion:113 Resp: 115973
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.9 124.3
 192 18.4 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 4.617 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.128 min
 Lab File: VX042968.D
 Acq: 09 Aug 2024 03:43

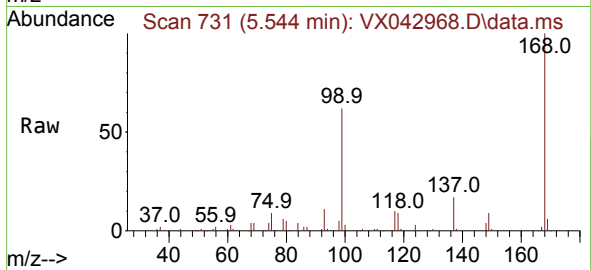
Tgt Ion: 75 Resp: 12789
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.0 50.9#
 77 0.0 24.7 37.1#



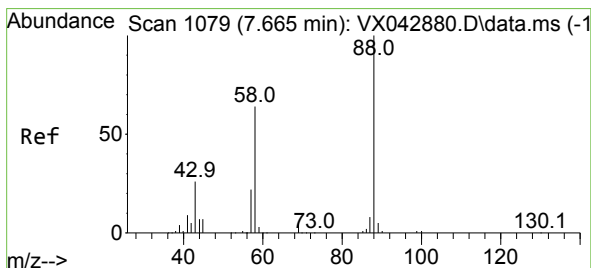
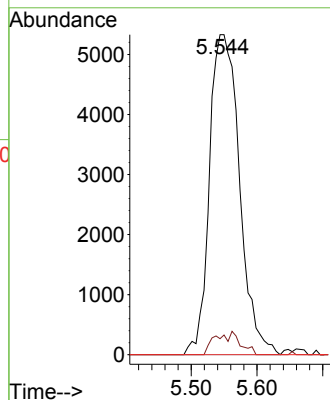
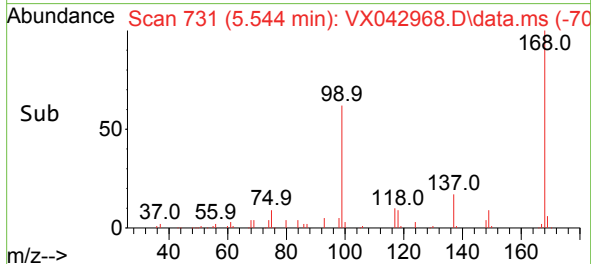


#38
Carbon Tetrachloride
Concen: 5.413 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX042968.D
Acq: 09 Aug 2024 03:43

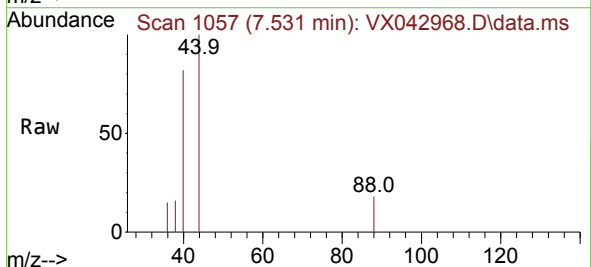
Instrument :
MSVOA_X
ClientSampleId :



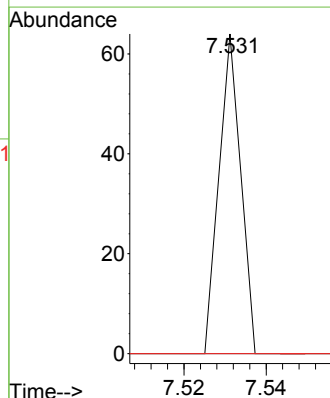
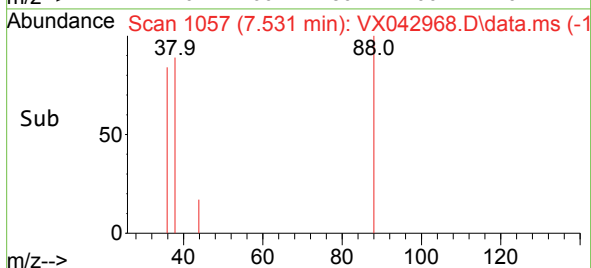
Tgt Ion:117 Resp: 16924
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#

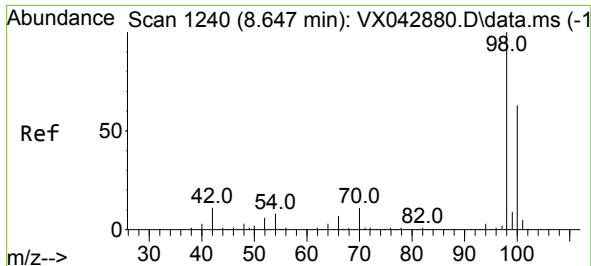


#49
1,4-Dioxane
Concen: 0.422 ug/l
RT: 7.531 min Scan# 1057
Delta R.T. -0.134 min
Lab File: VX042968.D
Acq: 09 Aug 2024 03:43



Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

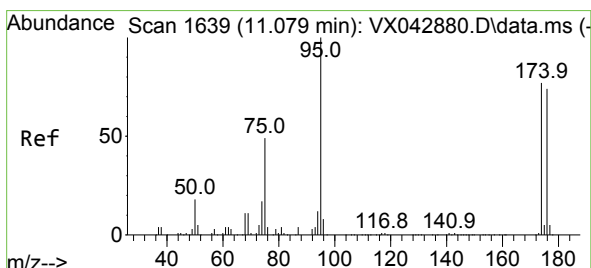
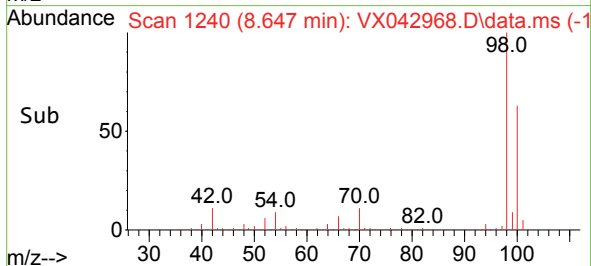
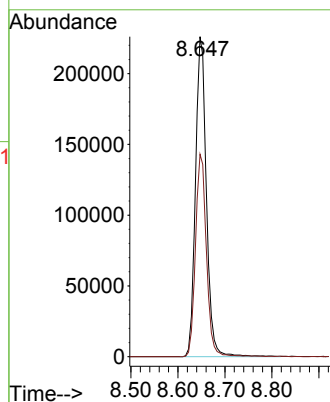
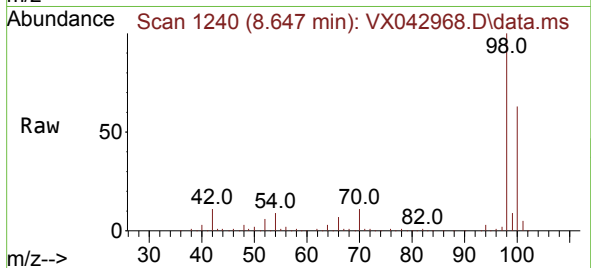




#50
Toluene-d8
Concen: 50.544 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042968.D
Acq: 09 Aug 2024 03:43

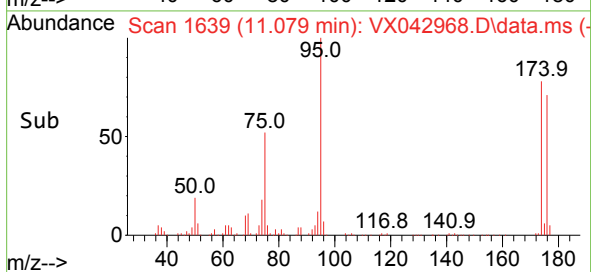
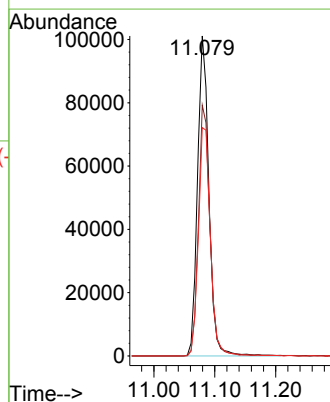
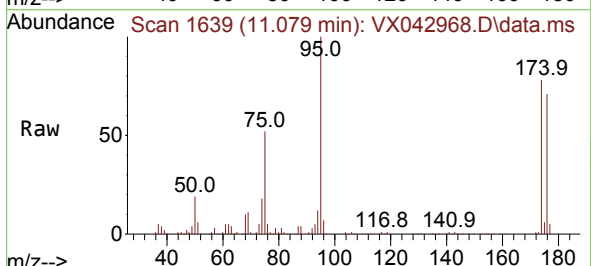
Instrument :
MSVOA_X
ClientSampleId :

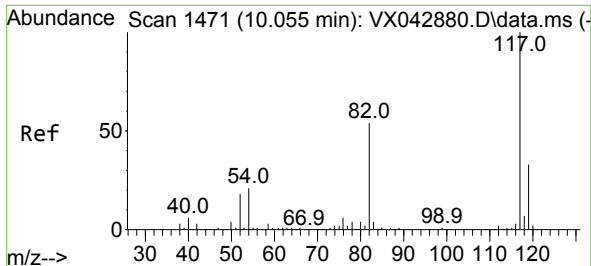
Tgt Ion: 98 Resp: 366567
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.280 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042968.D
Acq: 09 Aug 2024 03:43

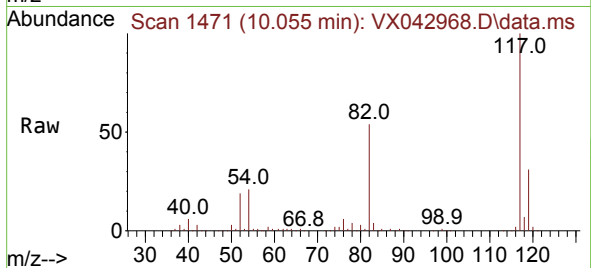
Tgt Ion: 95 Resp: 131035
Ion Ratio Lower Upper
95 100
174 78.9 0.0 135.6
176 75.5 0.0 131.0



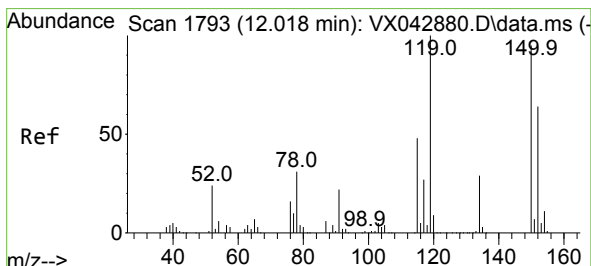
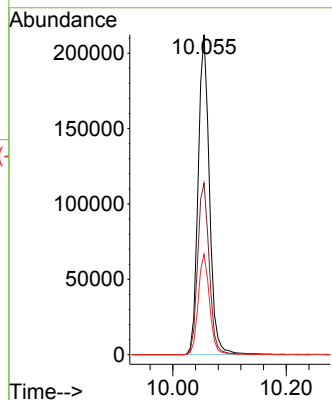
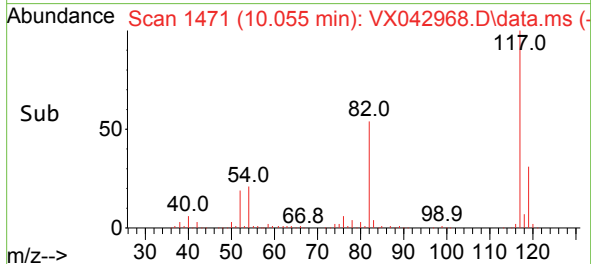


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042968.D
Acq: 09 Aug 2024 03:43

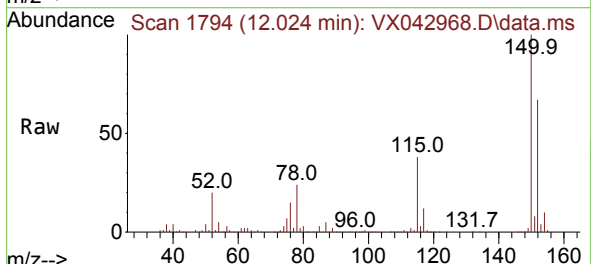
Instrument :
MSVOA_X
ClientSampleId :



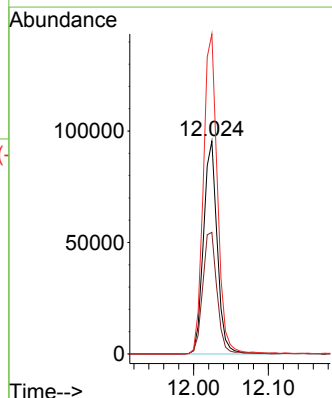
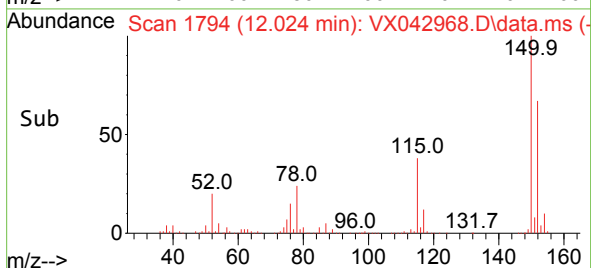
Tgt Ion:117 Resp: 293579
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 31.3 25.5 38.3

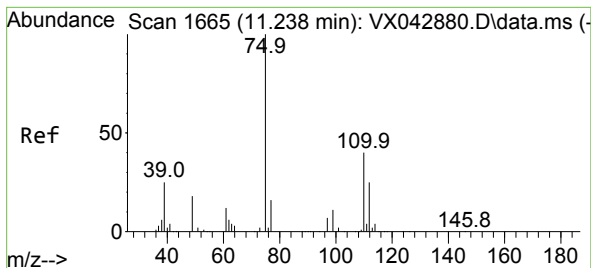


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX042968.D
Acq: 09 Aug 2024 03:43



Tgt Ion:152 Resp: 121629
Ion Ratio Lower Upper
152 100
115 59.9 43.3 129.9
150 154.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.978 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042968.D

Acq: 09 Aug 2024 03:43

Instrument :

MSVOA_X

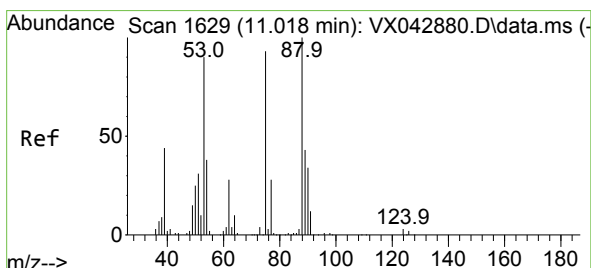
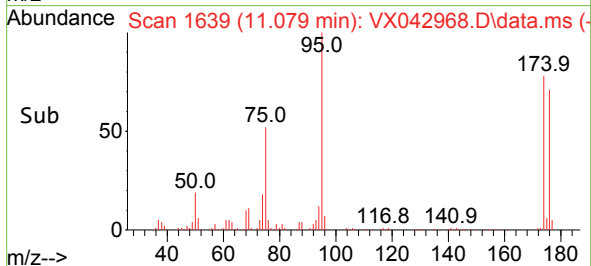
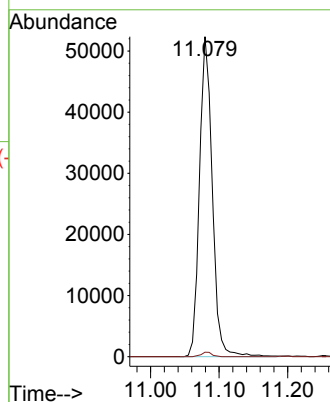
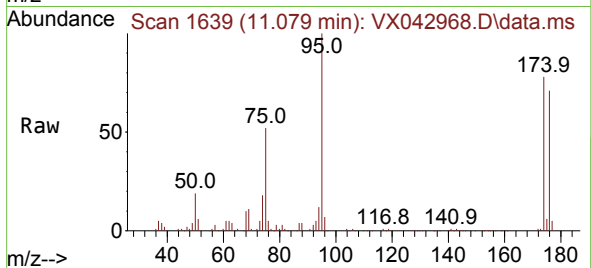
ClientSampleId :

Tgt Ion: 75 Resp: 68324

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.216 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042968.D

Acq: 09 Aug 2024 03:43

Tgt Ion: 75 Resp: 68324

Ion Ratio Lower Upper

75 100

53 0.3 90.5 135.7#

89 0.0 36.9 55.3#

