

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037253.D
 Acq On : 25 Aug 2023 07:12
 Operator : JC/MD
 Sample : 04077-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 25 07:47:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

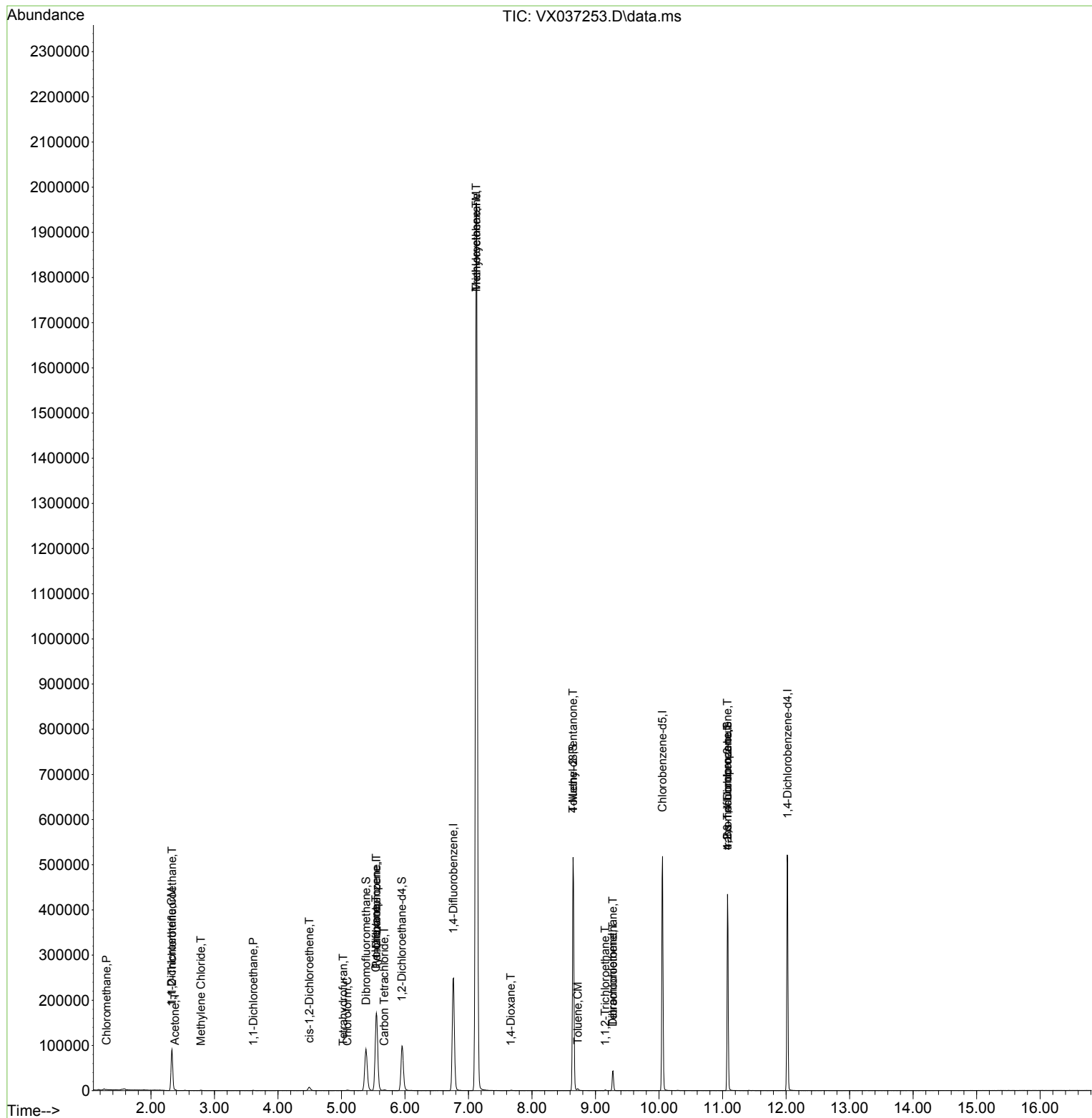
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	157592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	264086	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99690	43.878	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.760%
35) Dibromofluoromethane	5.385	113	79772	45.611	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.220%
50) Toluene-d8	8.646	98	306889	48.373	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.740%
62) 4-Bromofluorobenzene	11.079	95	116683	46.801	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	470	0.293	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	35374	21.234	ug/l	98
12) 1,1-Dichloroethene	2.324	96	2357	1.453	ug/l #	63
16) Acetone	2.379	43	1452	1.634	ug/l	93
20) Methylene Chloride	2.788	84	495	0.249	ug/l #	88
24) 1,1-Dichloroethane	3.611	63	1102	0.341	ug/l #	83
27) cis-1,2-Dichloroethene	4.495	96	5144	2.366	ug/l	82
29) Tetrahydrofuran	5.025	42	224	0.262	ug/l #	34
30) Chloroform	5.092	83	1390	0.383	ug/l	94
31) Cyclohexane	5.543	56	2964	1.160	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	13173	5.301	ug/l #	50
38) Carbon Tetrachloride	5.671	117	1206	0.447	ug/l #	83
39) Methylcyclohexane	7.122	83	9309	3.566	ug/l #	1
44) Trichloroethene	7.122	130	784736	388.338	ug/l	100
49) 1,4-Dioxane	7.665	88	774	14.624	ug/l #	73
51) 4-Methyl-2-Pentanone	8.646	43	1148	0.469	ug/l #	1
52) Toluene	8.720	92	1679	0.357	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	506	0.264	ug/l	95
60) Dibromochloromethane	9.274	129	8263	4.048	ug/l #	11
64) Tetrachloroethene	9.274	164	8264	4.780	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	58889	25.100	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58889	70.104	ug/l #	5

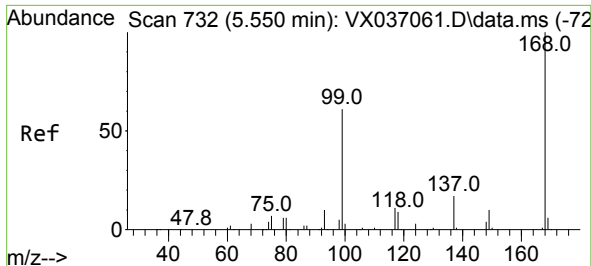
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
Data File : VX037253.D
Acq On : 25 Aug 2023 07:12
Operator : JC/MD
Sample : 04077-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

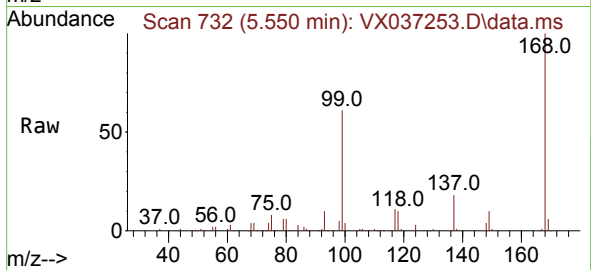
Quant Time: Aug 25 07:47:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



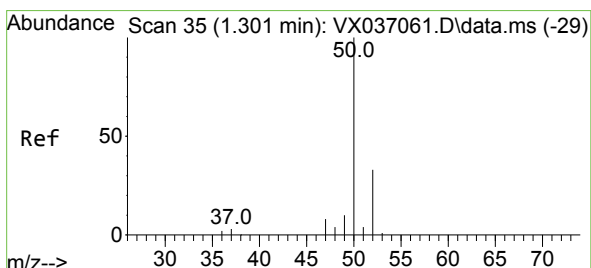
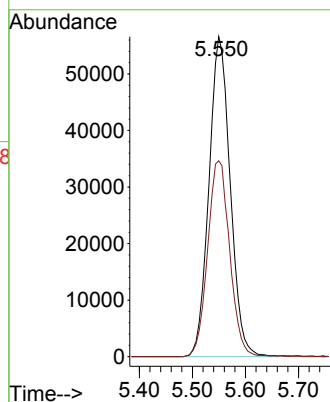
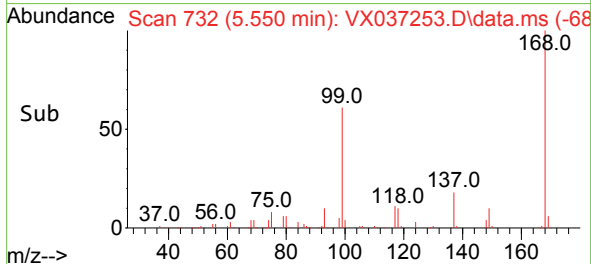


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037253.D
Acq: 25 Aug 2023 07:12

Instrument :
MSVOA_X
ClientSampleId :

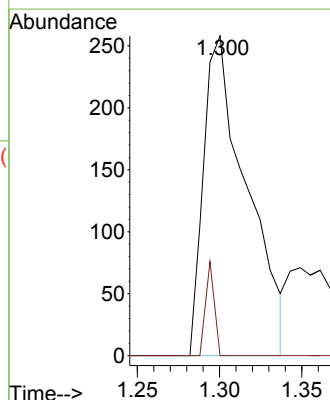
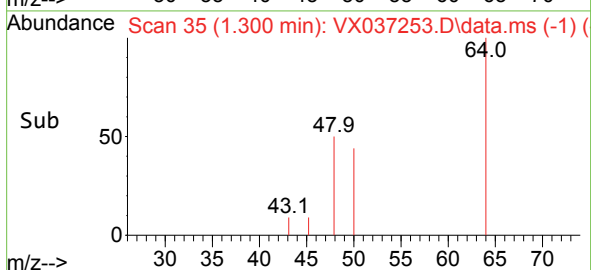
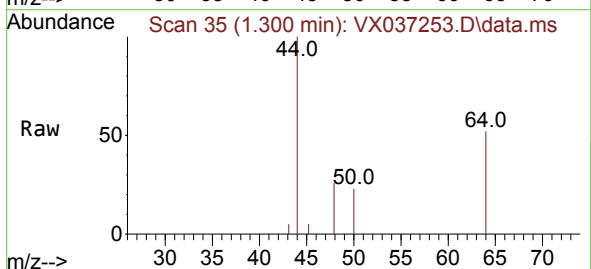


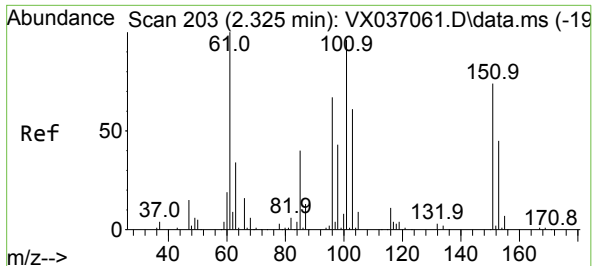
Tgt Ion:168 Resp: 157592
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0



#3
Chloromethane
Concen: 0.293 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX037253.D
Acq: 25 Aug 2023 07:12

Tgt Ion: 50 Resp: 470
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

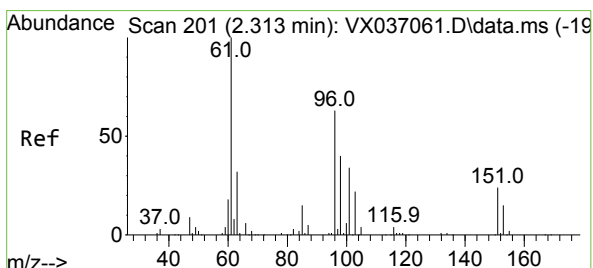
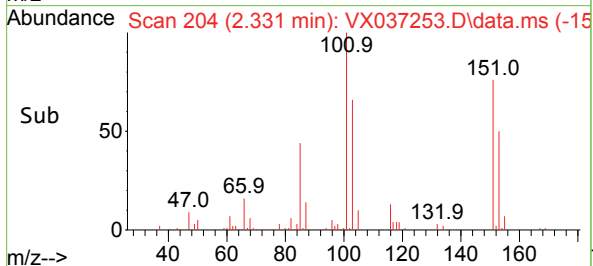
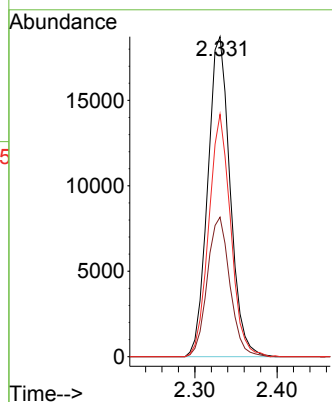
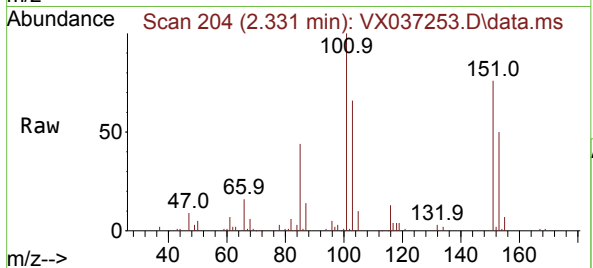




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.234 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX037253.D
Acq: 25 Aug 2023 07:12

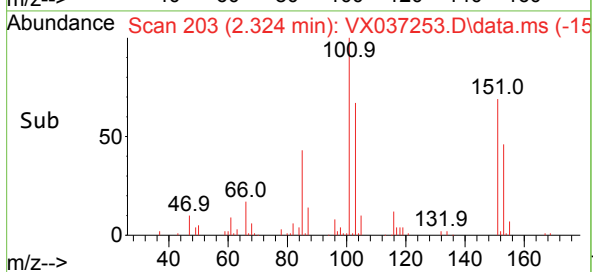
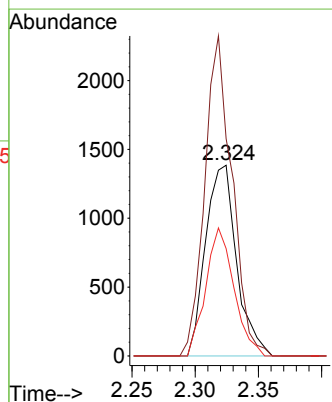
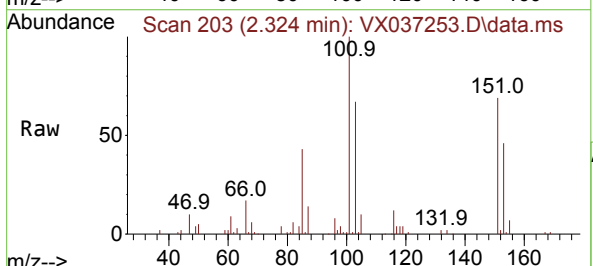
Instrument :
MSVOA_X
ClientSampleId :

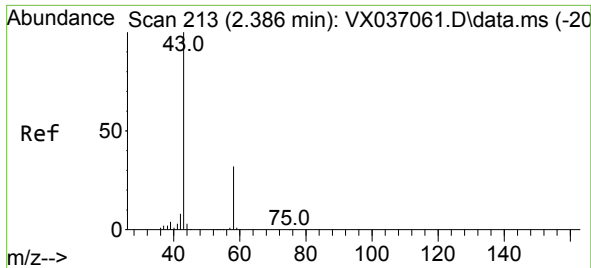
Tgt Ion:101 Resp: 35374
Ion Ratio Lower Upper
101 100
85 44.1 37.0 55.6
151 74.1 58.6 87.8



#12
1,1-Dichloroethene
Concen: 1.453 ug/l
RT: 2.324 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX037253.D
Acq: 25 Aug 2023 07:12

Tgt Ion: 96 Resp: 2357
Ion Ratio Lower Upper
96 100
61 113.9 144.6 216.8#
98 56.3 50.4 75.6





#16

Acetone

Concen: 1.634 ug/l

RT: 2.379 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX037253.D

Acq: 25 Aug 2023 07:12

Instrument :

MSVOA_X

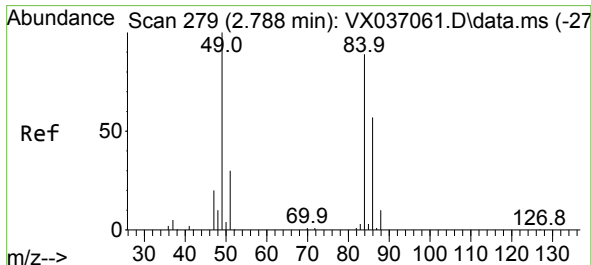
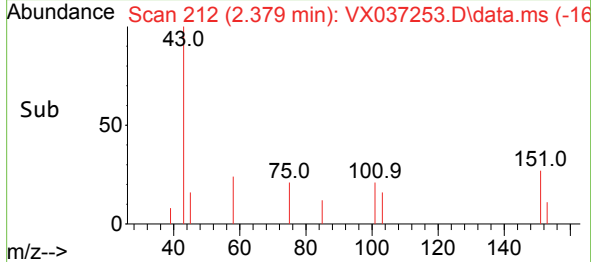
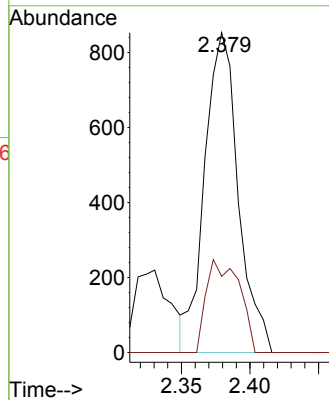
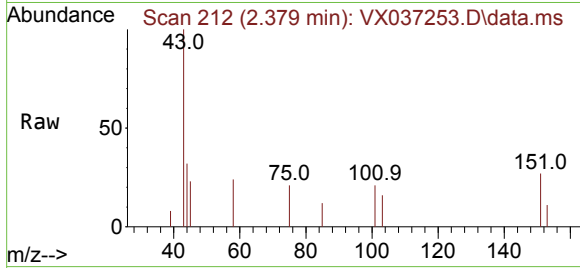
ClientSampleId :

Tgt Ion: 43 Resp: 1452

Ion Ratio Lower Upper

43 100

58 23.8 21.9 32.9



#20

Methylene Chloride

Concen: 0.249 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX037253.D

Acq: 25 Aug 2023 07:12

Tgt Ion: 84 Resp: 495

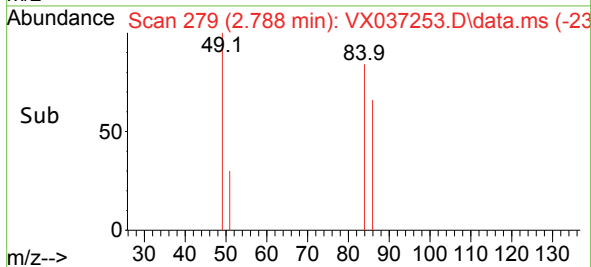
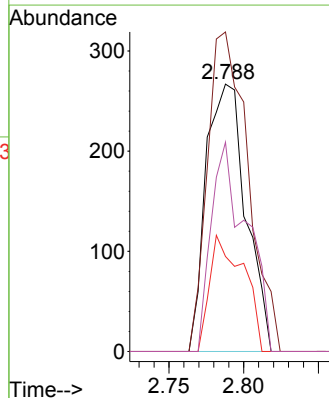
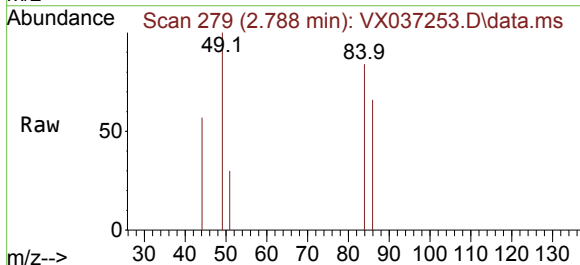
Ion Ratio Lower Upper

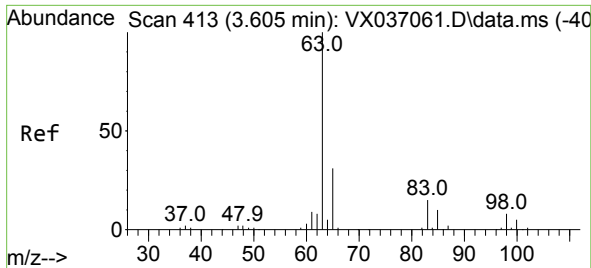
84 100

49 119.5 103.6 155.4

51 35.6 33.8 50.6

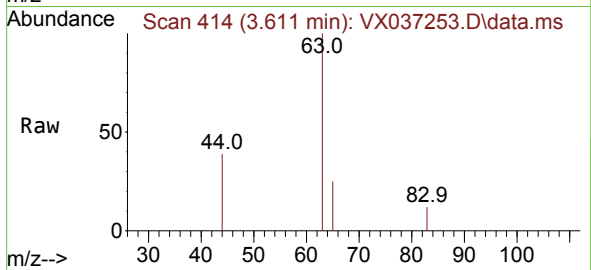
86 78.3 49.4 74.0#



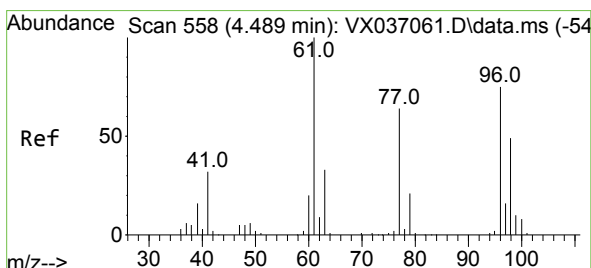
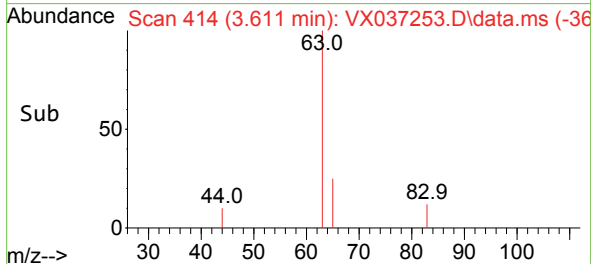
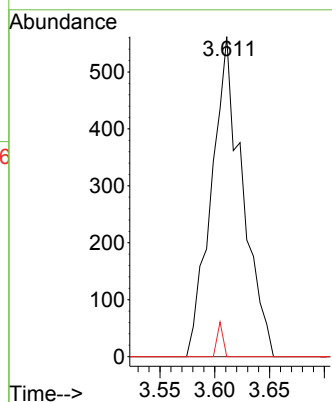


#24
 1,1-Dichloroethane
 Concen: 0.341 ug/l
 RT: 3.611 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX037253.D
 Acq: 25 Aug 2023 07:12

Instrument :
 MSVOA_X
 ClientSampleId :

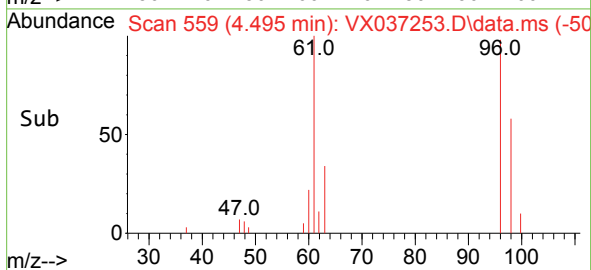
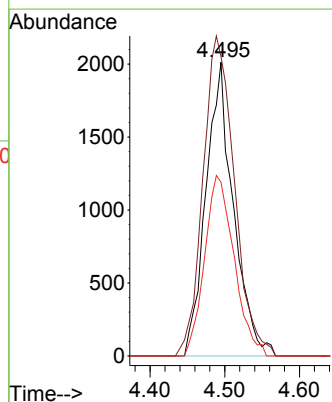
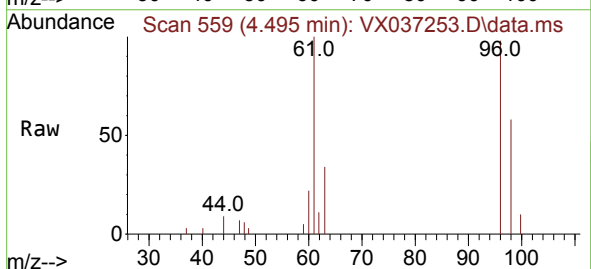


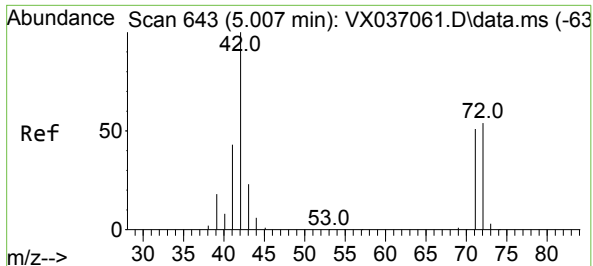
Tgt Ion: 63 Resp: 1102
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.8#
 100 0.0 2.1 6.5#



#27
 cis-1,2-Dichloroethene
 Concen: 2.366 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.006 min
 Lab File: VX037253.D
 Acq: 25 Aug 2023 07:12

Tgt Ion: 96 Resp: 5144
 Ion Ratio Lower Upper
 96 100
 61 124.3 0.0 312.2
 98 65.9 0.0 129.0





#29

Tetrahydrofuran

Concen: 0.262 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.018 min

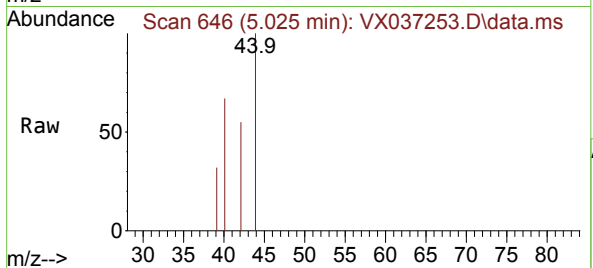
Lab File: VX037253.D

Acq: 25 Aug 2023 07:12

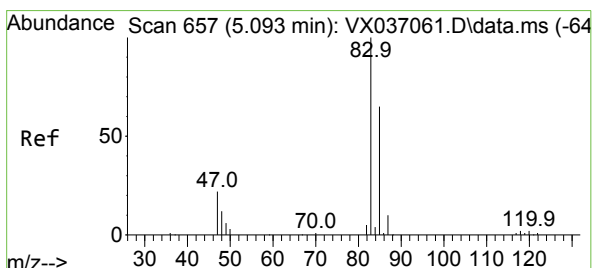
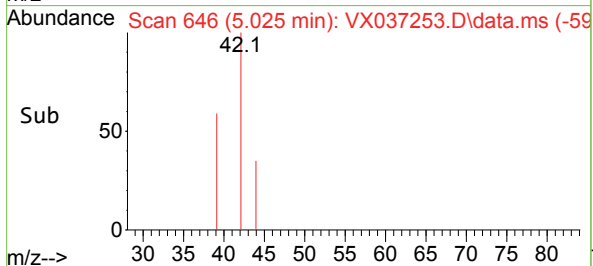
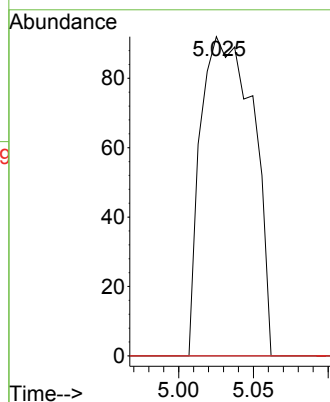
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	224
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.4#
71	0.0	32.2	48.2#



#30

Chloroform

Concen: 0.383 ug/l

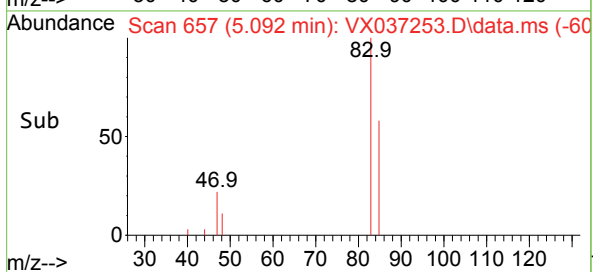
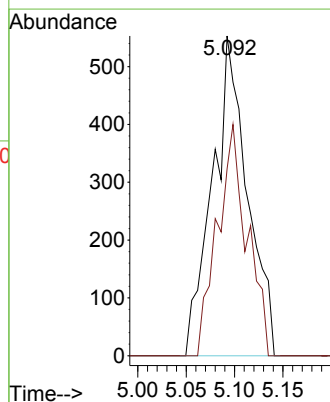
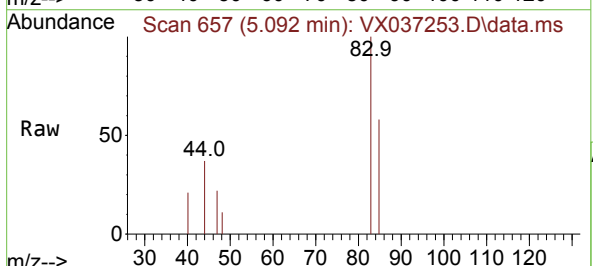
RT: 5.092 min Scan# 657

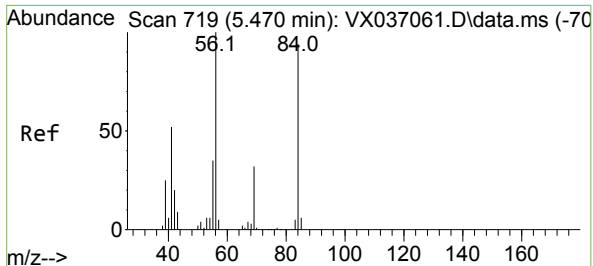
Delta R.T. -0.000 min

Lab File: VX037253.D

Acq: 25 Aug 2023 07:12

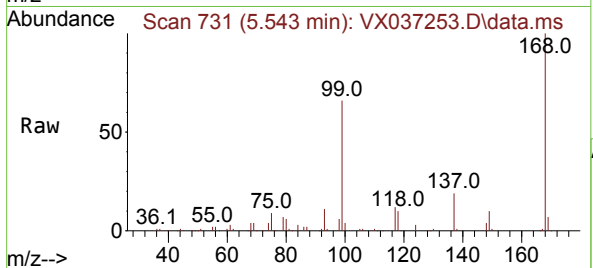
Tgt Ion:	83	Resp:	1390
Ion	Ratio	Lower	Upper
83	100		
85	58.4	50.3	75.5



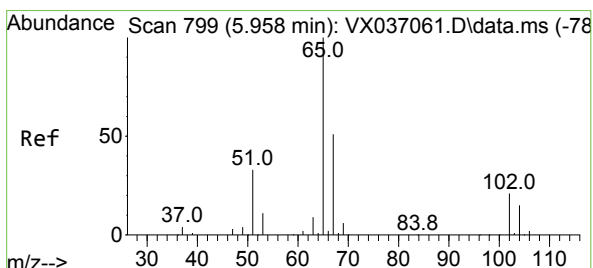
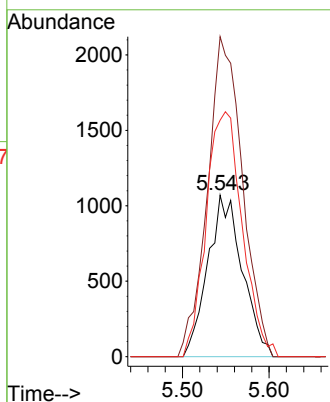
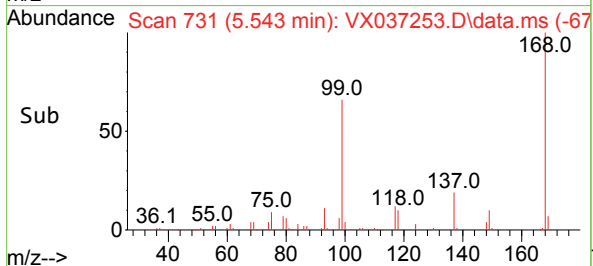


#31
Cyclohexane
Concen: 1.160 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037253.D
Acq: 25 Aug 2023 07:12

Instrument :
MSVOA_X
ClientSampleId :

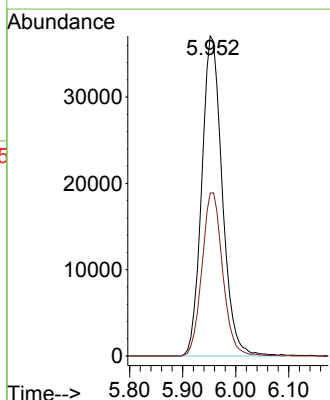
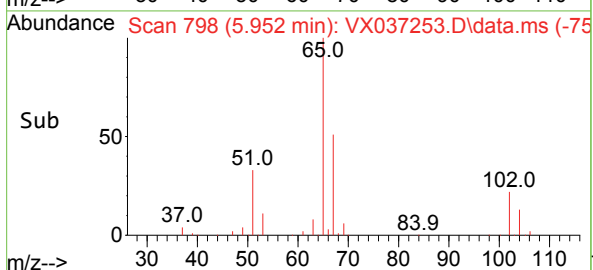
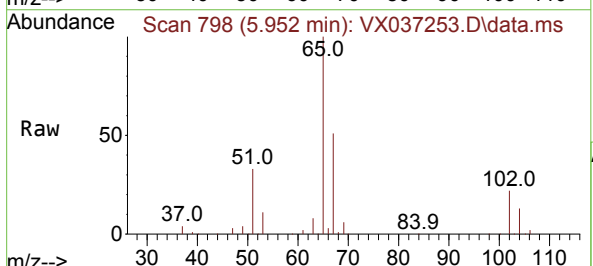


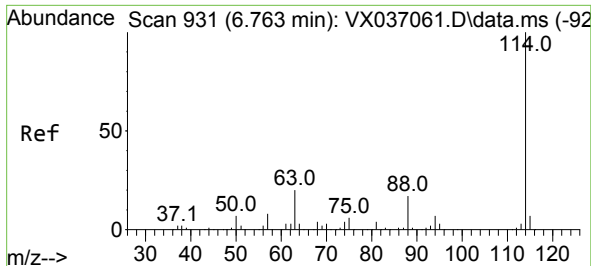
Tgt Ion: 56 Resp: 2964
Ion Ratio Lower Upper
56 100
69 198.2 23.4 35.2#
84 146.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.878 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037253.D
Acq: 25 Aug 2023 07:12

Tgt Ion: 65 Resp: 99690
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

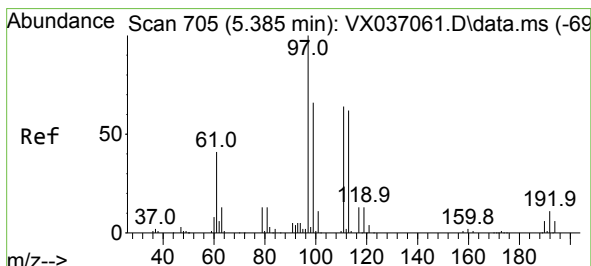
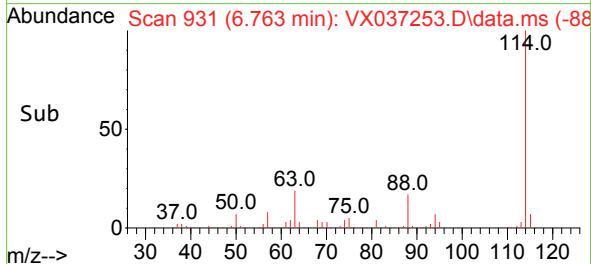
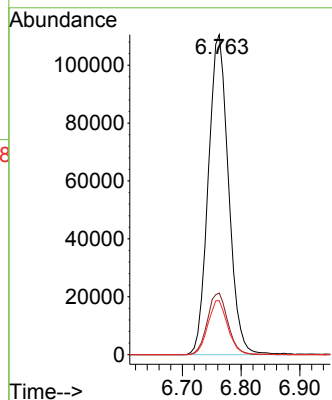
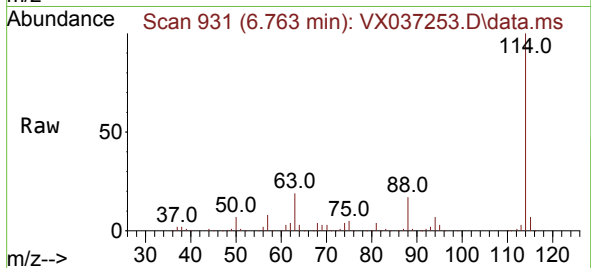




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037253.D
Acq: 25 Aug 2023 07:12

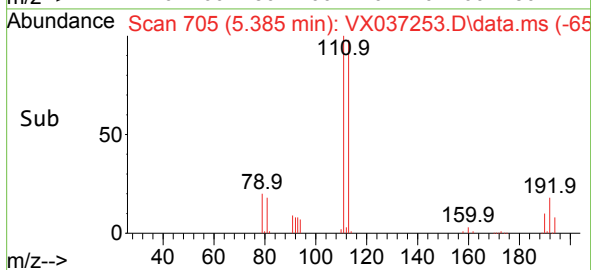
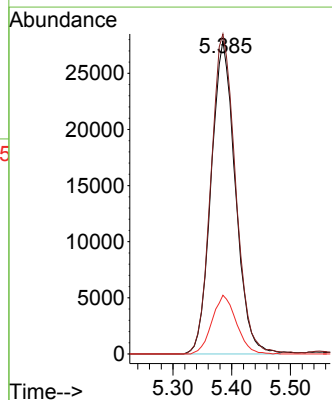
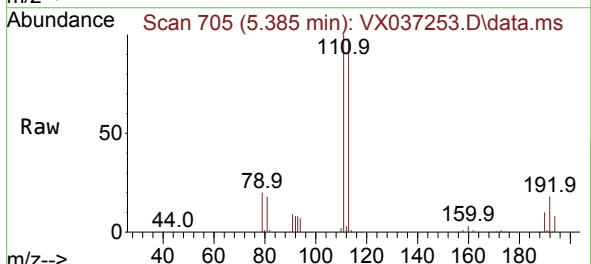
Instrument :
MSVOA_X
ClientSampleId :

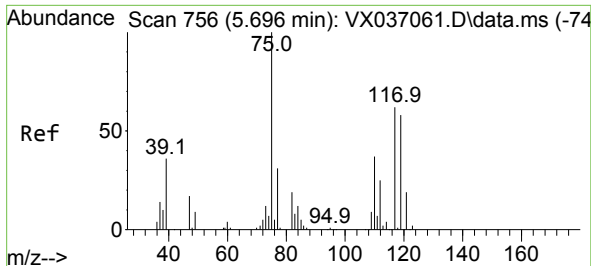
Tgt Ion:114 Resp: 264086
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.611 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037253.D
Acq: 25 Aug 2023 07:12

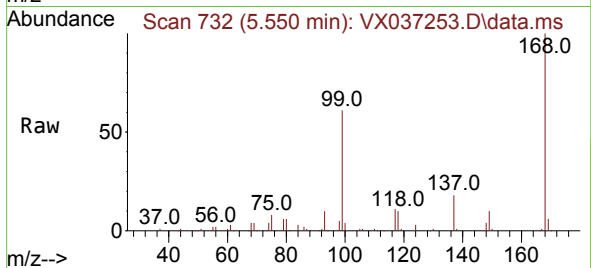
Tgt Ion:113 Resp: 79772
Ion Ratio Lower Upper
113 100
111 104.5 82.9 124.3
192 18.9 13.3 19.9



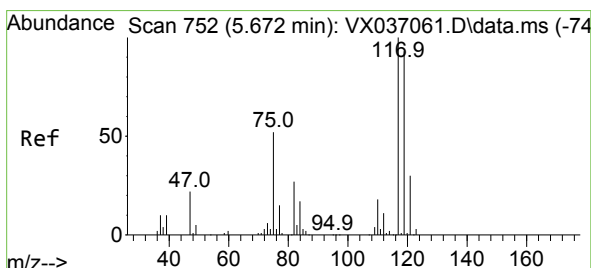
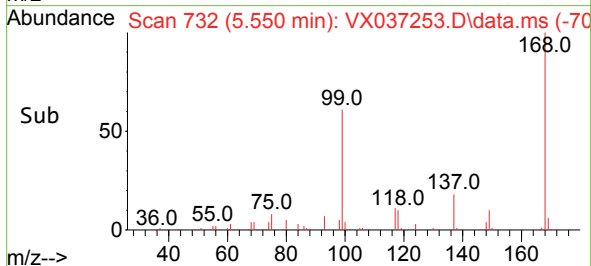
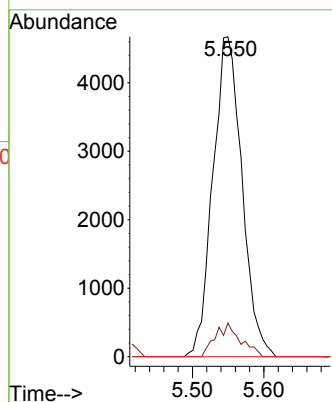


#36
1,1-Dichloropropene
Concen: 5.301 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX037253.D
Acq: 25 Aug 2023 07:12

Instrument :
MSVOA_X
ClientSampleId :

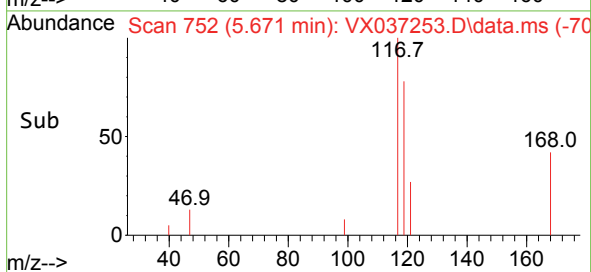
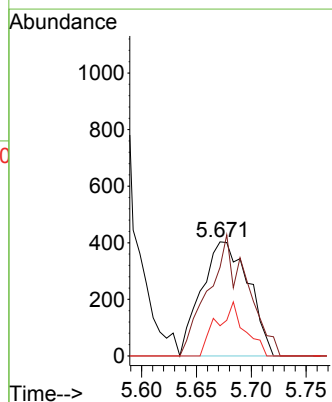
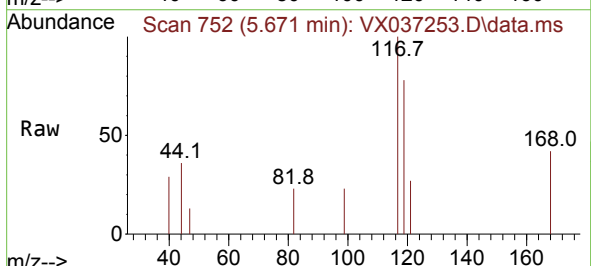


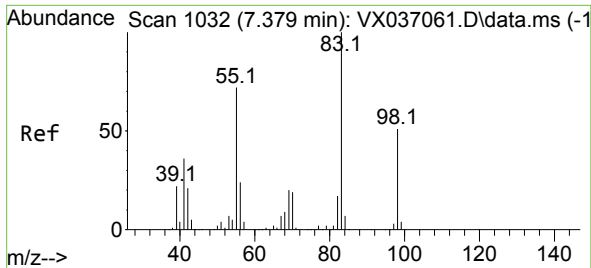
Tgt Ion: 75 Resp: 13173
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 0.447 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX037253.D
Acq: 25 Aug 2023 07:12

Tgt Ion: 117 Resp: 1206
Ion Ratio Lower Upper
117 100
119 77.7 78.2 117.2#
121 26.6 24.4 36.6

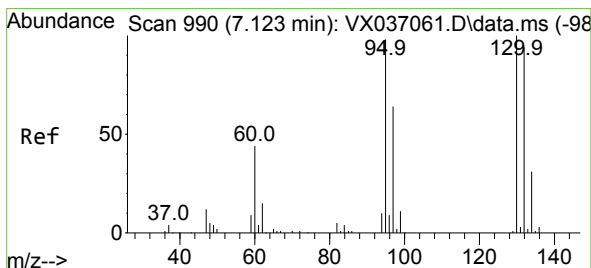
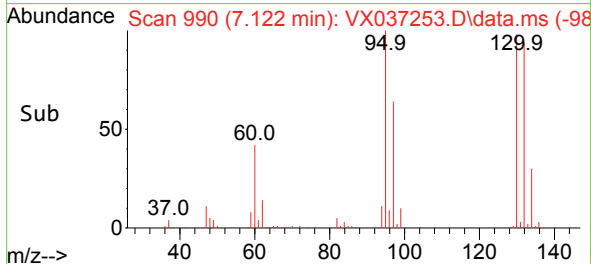
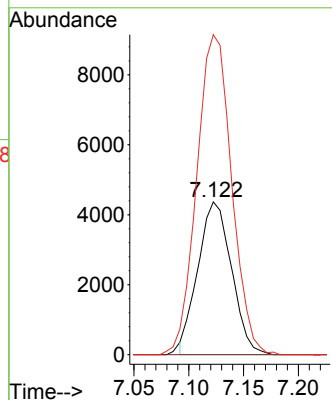
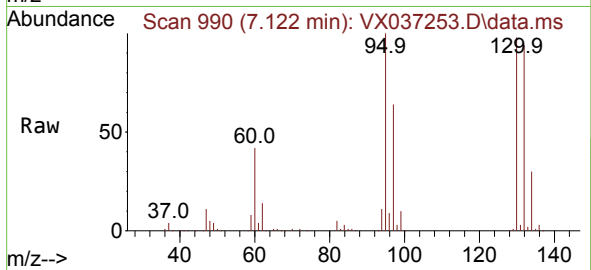




#39
Methylcyclohexane
Concen: 3.566 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.256 min
Lab File: VX037253.D
Acq: 25 Aug 2023 07:12

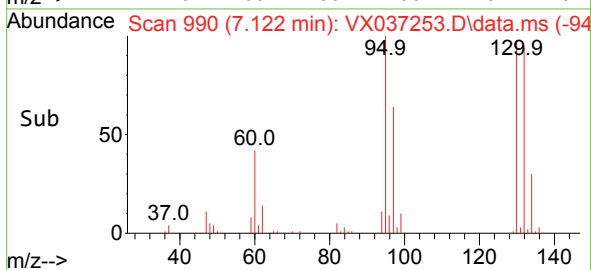
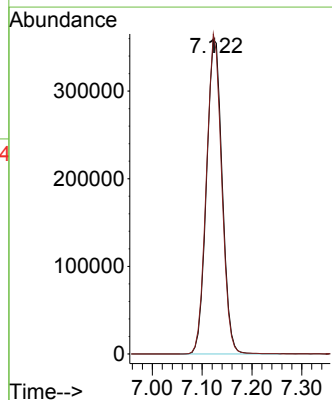
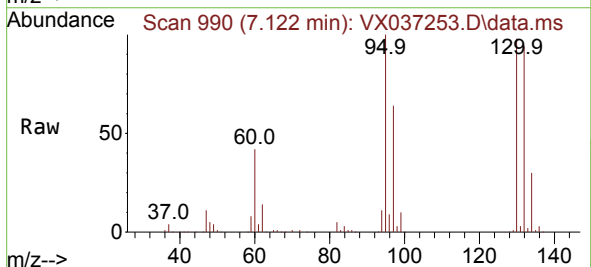
Instrument :
MSVOA_X
ClientSampleId :

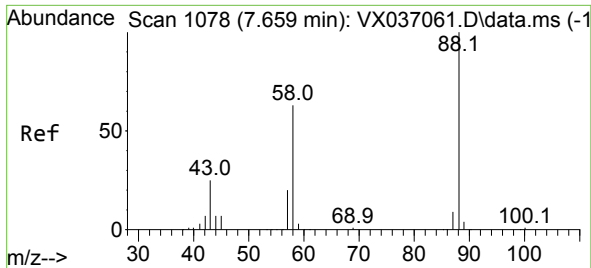
Tgt Ion: 83 Resp: 9309
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 209.4 36.7 55.1#



#44
Trichloroethene
Concen: 388.338 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX037253.D
Acq: 25 Aug 2023 07:12

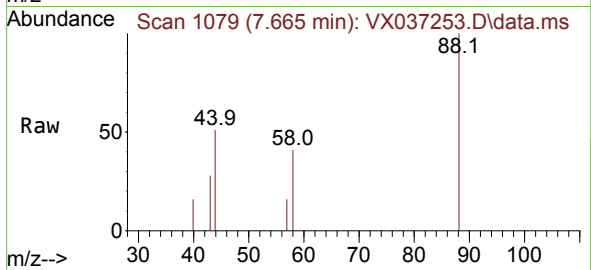
Tgt Ion:130 Resp: 784736
Ion Ratio Lower Upper
130 100
95 101.8 0.0 204.4



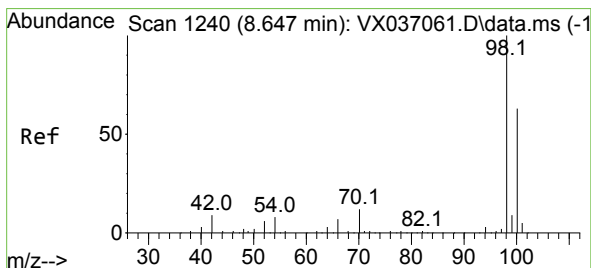
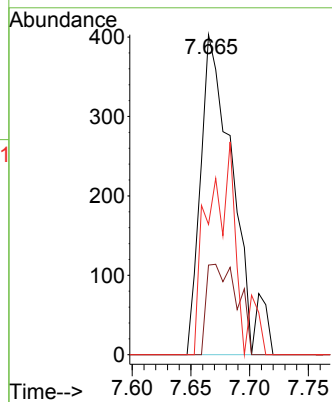
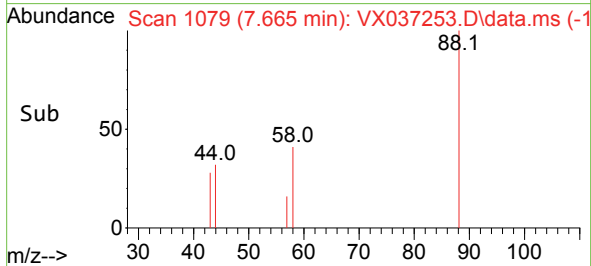


#49
1,4-Dioxane
Concen: 14.624 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX037253.D
Acq: 25 Aug 2023 07:12

Instrument :
MSVOA_X
ClientSampleId :

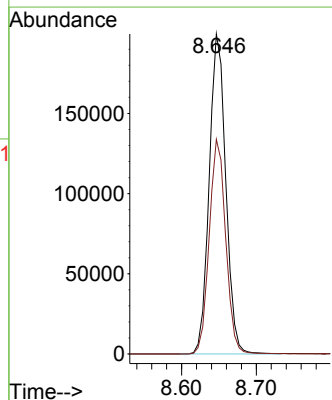
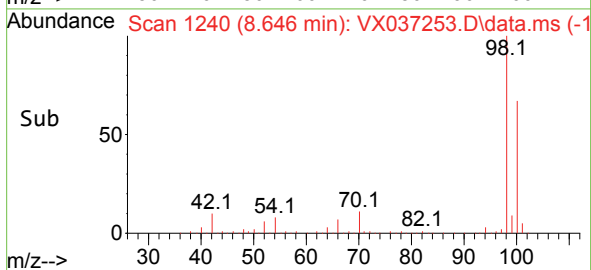
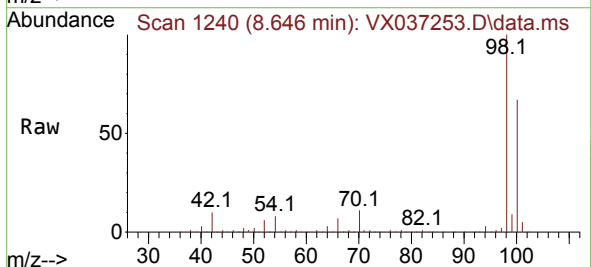


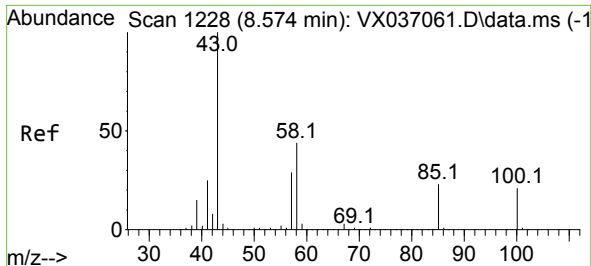
Tgt Ion: 88 Resp: 774
Ion Ratio Lower Upper
88 100
43 26.9 0.0 0.0#
58 52.1 60.1 90.1#



#50
Toluene-d8
Concen: 48.373 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037253.D
Acq: 25 Aug 2023 07:12

Tgt Ion: 98 Resp: 306889
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.469 ug/l

RT: 8.646 min Scan# 1148

Delta R.T. 0.073 min

Lab File: VX037253.D

Acq: 25 Aug 2023 07:12

Instrument :

MSVOA_X

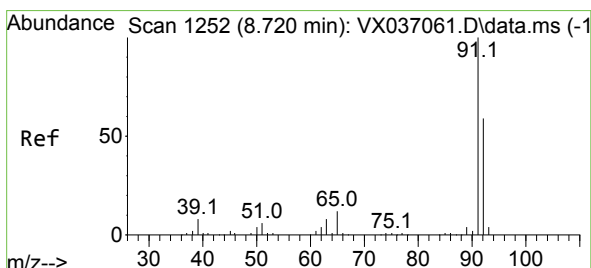
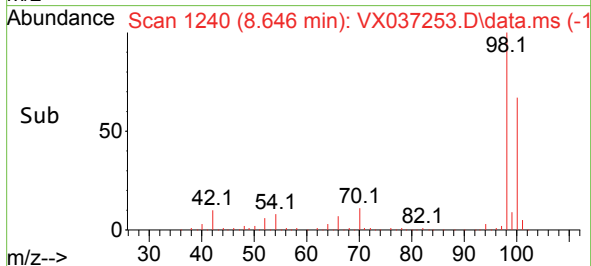
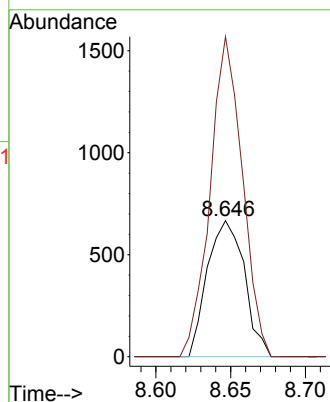
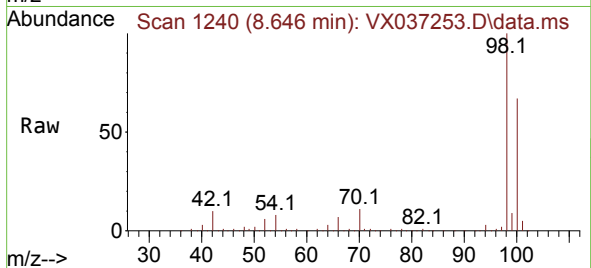
ClientSampleId :

Tgt Ion: 43 Resp: 1148

Ion Ratio Lower Upper

43 100

58 205.1 30.4 45.6#



#52

Toluene

Concen: 0.357 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX037253.D

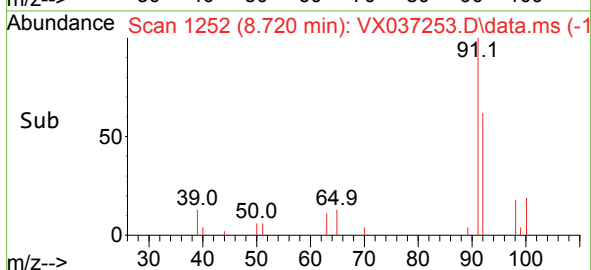
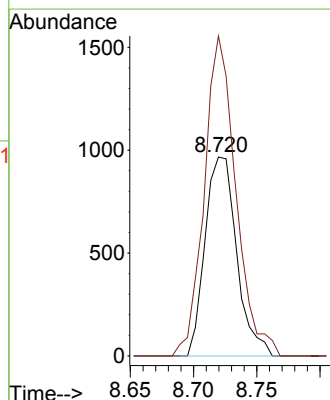
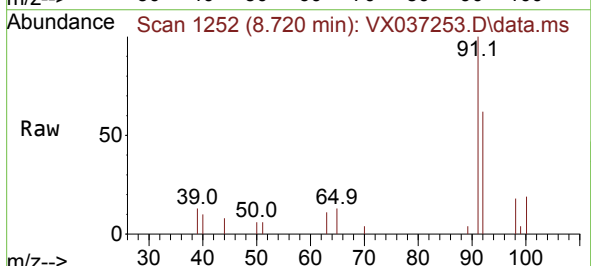
Acq: 25 Aug 2023 07:12

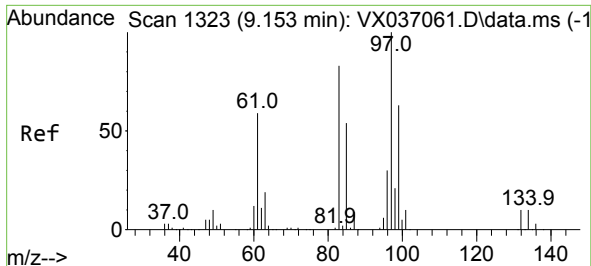
Tgt Ion: 92 Resp: 1679

Ion Ratio Lower Upper

92 100

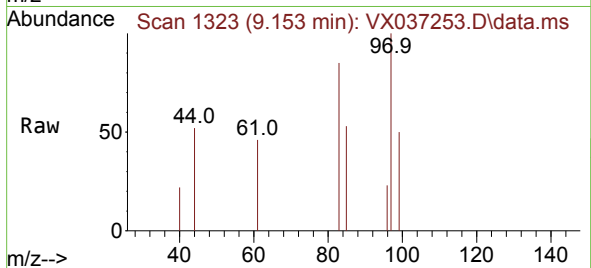
91 161.0 134.2 201.2





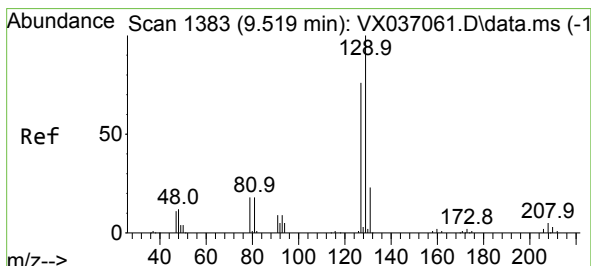
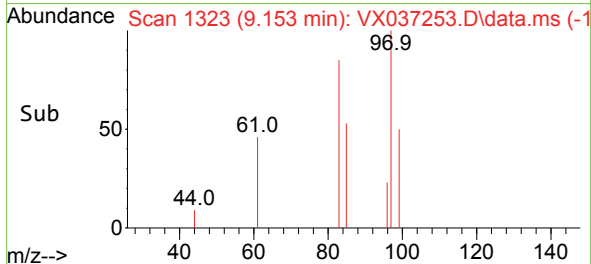
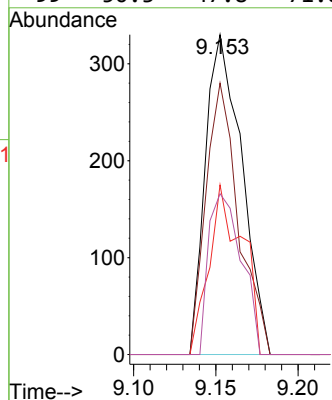
#55
 1,1,2-Trichloroethane
 Concen: 0.264 ug/l
 RT: 9.153 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037253.D
 Acq: 25 Aug 2023 07:12

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 97 Resp: 506

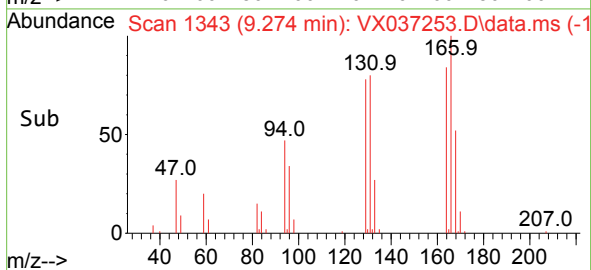
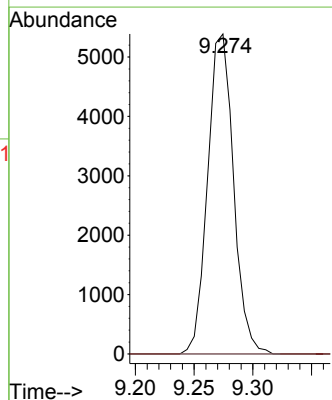
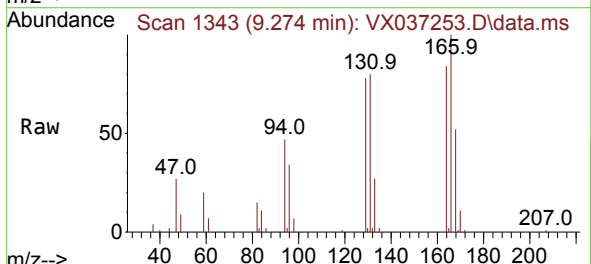
Ion	Ratio	Lower	Upper
97	100		
83	84.8	65.8	98.8
85	53.0	41.6	62.4
99	50.3	47.8	71.8

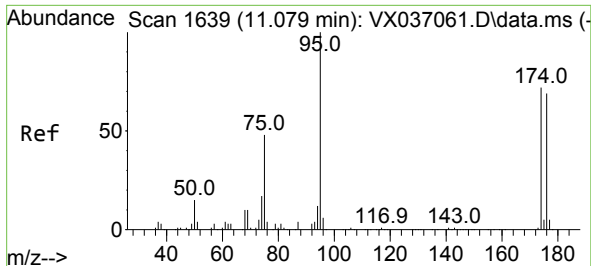


#60
 Dibromochloromethane
 Concen: 4.048 ug/l
 RT: 9.274 min Scan# 1343
 Delta R.T. -0.244 min
 Lab File: VX037253.D
 Acq: 25 Aug 2023 07:12

Tgt Ion: 129 Resp: 8263

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.8	116.4#

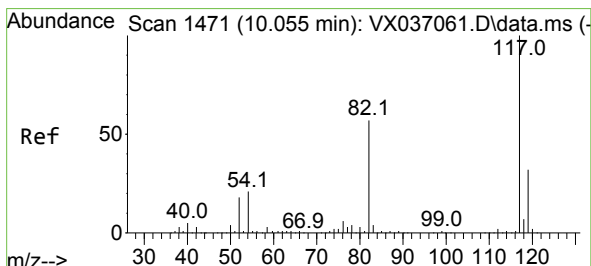
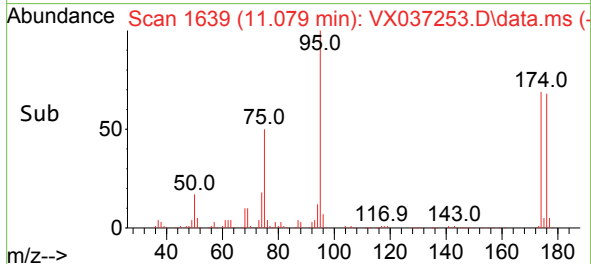
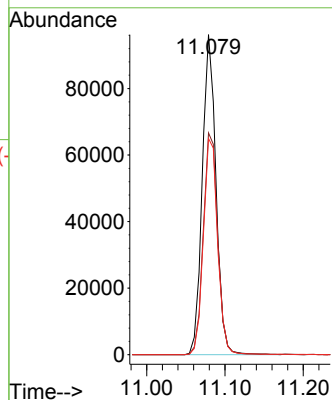
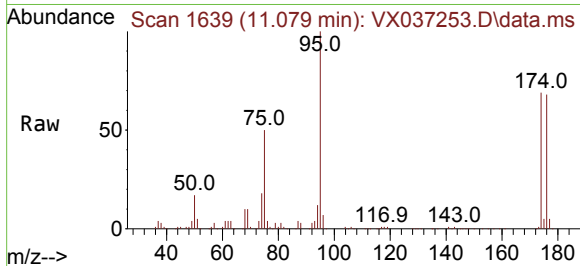




#62
4-Bromofluorobenzene
Concen: 46.801 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037253.D
Acq: 25 Aug 2023 07:12

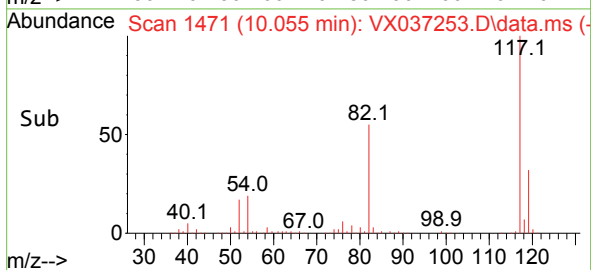
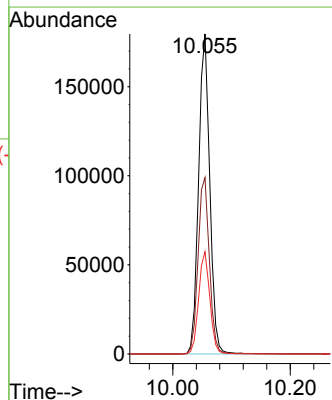
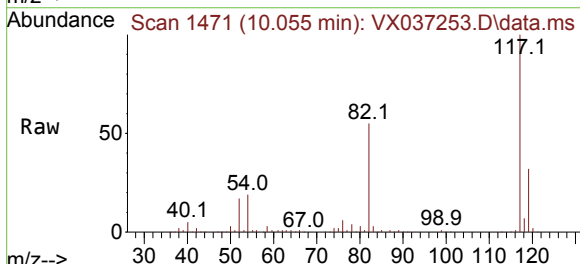
Instrument :
MSVOA_X
ClientSampleId :

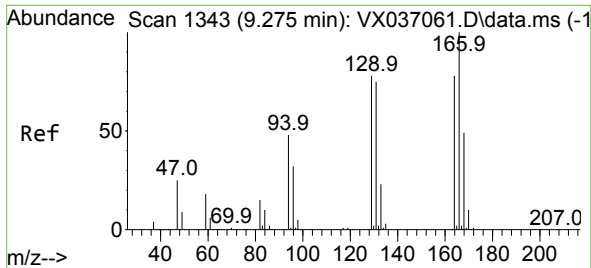
Tgt Ion: 95 Resp: 116683
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 70.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037253.D
Acq: 25 Aug 2023 07:12

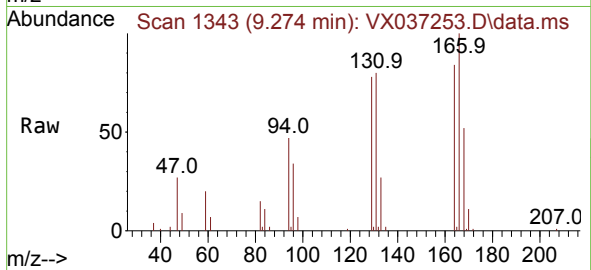
Tgt Ion: 117 Resp: 236995
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 32.0 25.5 38.3



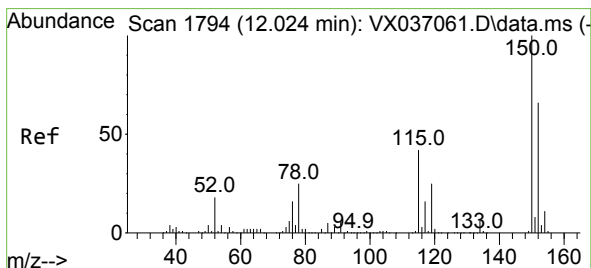
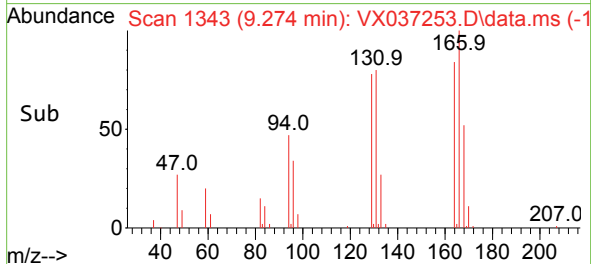
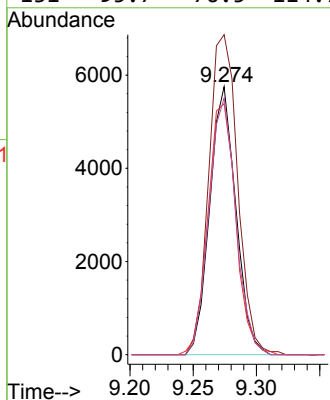


#64
Tetrachloroethene
Concen: 4.780 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037253.D
Acq: 25 Aug 2023 07:12

Instrument :
MSVOA_X
ClientSampleId :

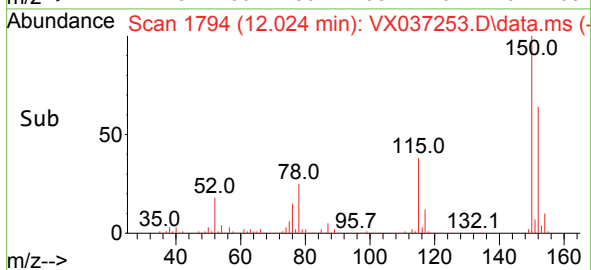
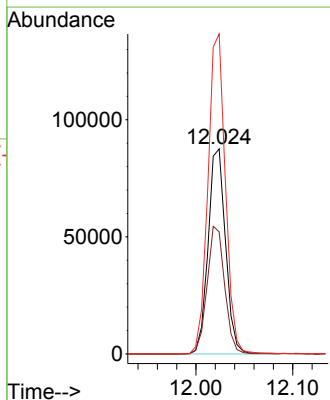
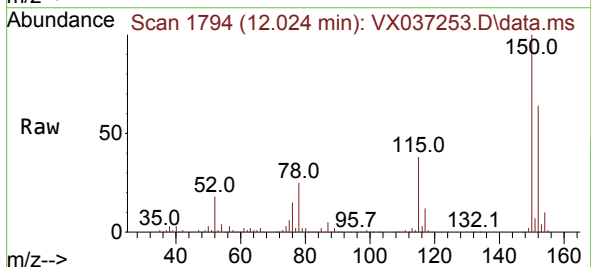


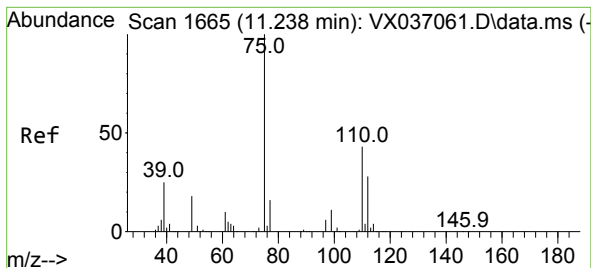
Tgt Ion:164 Resp: 8264
Ion Ratio Lower Upper
164 100
166 119.4 102.7 154.1
129 93.7 80.4 120.6
131 95.7 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037253.D
Acq: 25 Aug 2023 07:12

Tgt Ion:152 Resp: 110168
Ion Ratio Lower Upper
152 100
115 62.8 43.3 129.9
150 155.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.100 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037253.D

Acq: 25 Aug 2023 07:12

Instrument :

MSVOA_X

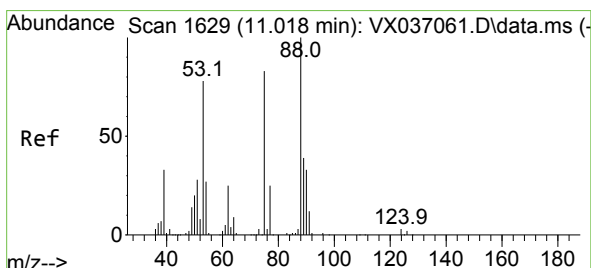
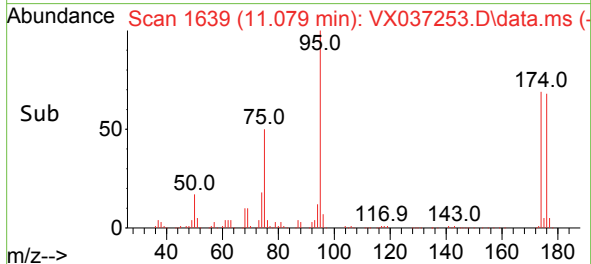
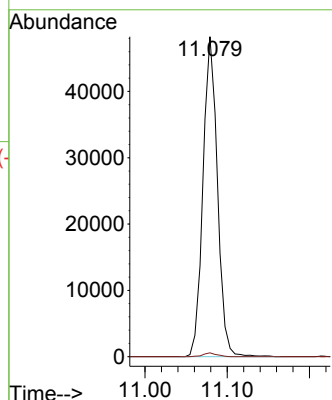
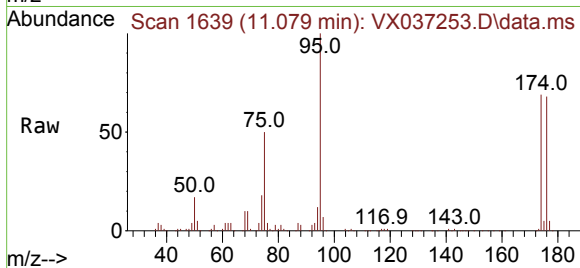
ClientSampleId :

Tgt Ion: 75 Resp: 58889

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.104 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037253.D

Acq: 25 Aug 2023 07:12

Tgt Ion: 75 Resp: 58889

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

