

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040269.D
 Acq On : 16 Feb 2024 11:42
 Operator : JC/MD
 Sample : P1507-11 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20240214

Quant Time: Feb 17 01:32:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

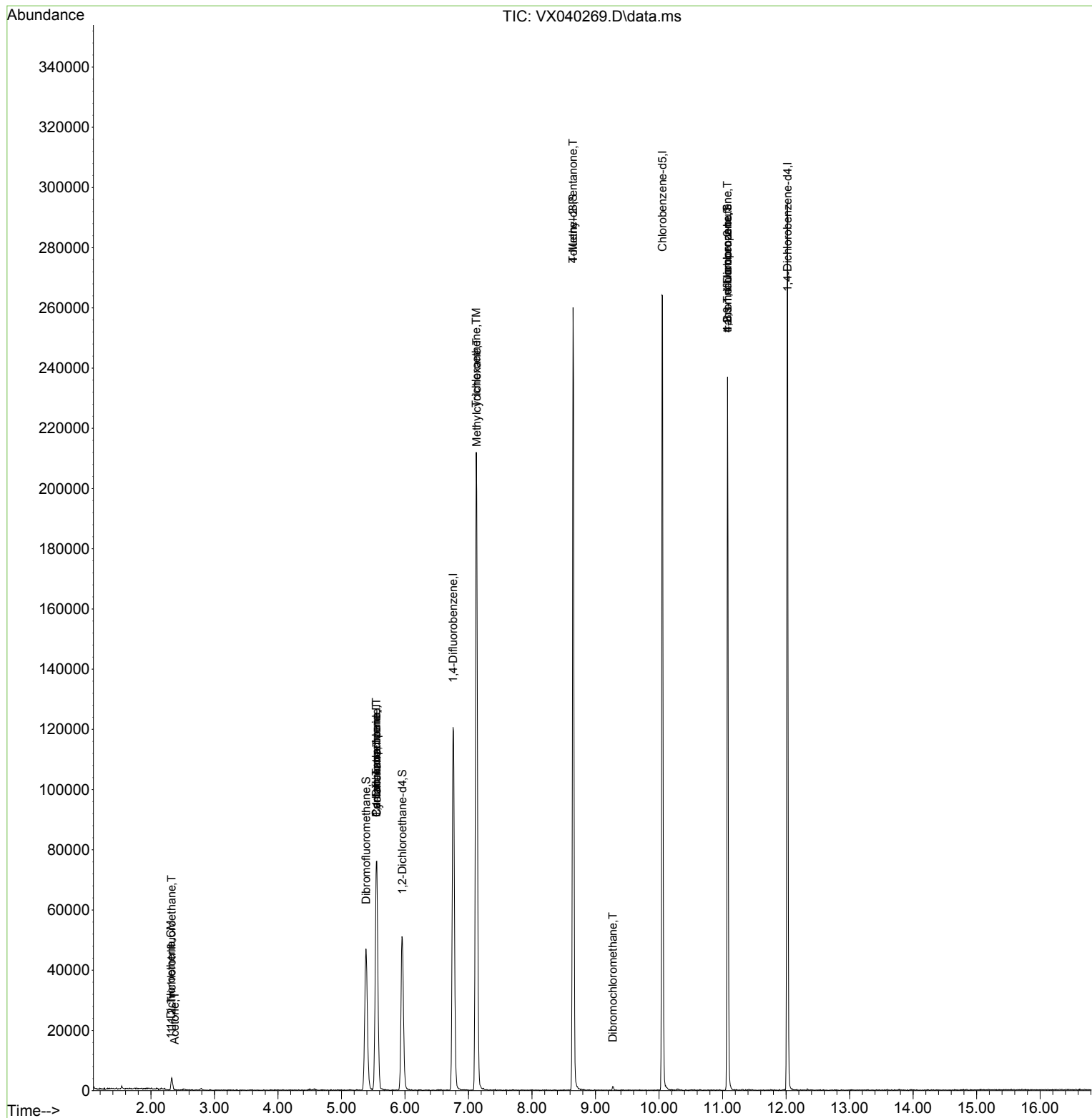
Internal Standards						
1) Pentafluorobenzene	5.550	168	73449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125853	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50925	46.605	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.200%		
35) Dibromofluoromethane	5.385	113	41565	47.293	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.580%		
50) Toluene-d8	8.647	98	154089	46.869	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.740%		
62) 4-Bromofluorobenzene	11.079	95	59824	44.617	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.240%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	1316	1.690	ug/l	97
12) 1,1-Dichloroethene	2.313	96	537	0.716	ug/l #	49
16) Acetone	2.374	43	191	0.426	ug/l #	47
20) Methylene Chloride	2.794	84	232	Below Cal	#	69
31) Cyclohexane	5.556	56	1833	1.406	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	6188	5.026	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7526	6.429	ug/l #	14
39) Methylcyclohexane	7.129	83	1195	0.835	ug/l #	1
44) Trichloroethene	7.123	130	80685	84.958	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	709	0.486	ug/l #	1
60) Dibromochloromethane	9.275	129	365	0.372	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	31555	25.183	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	31555	69.246	ug/l #	5

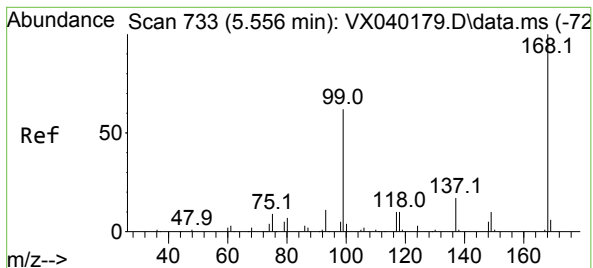
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX040269.D

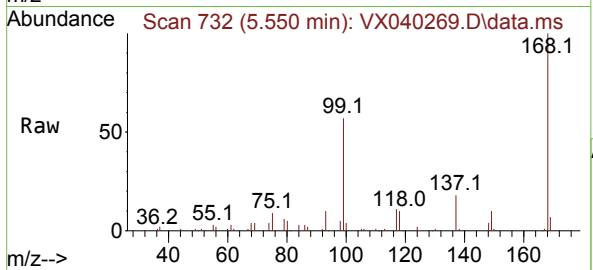
Acq: 16 Feb 2024 11:42

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20240214

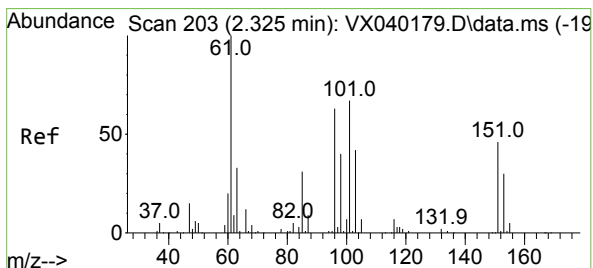
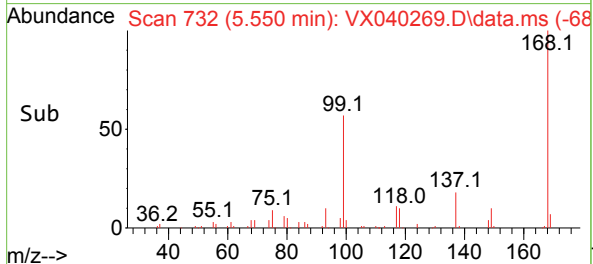
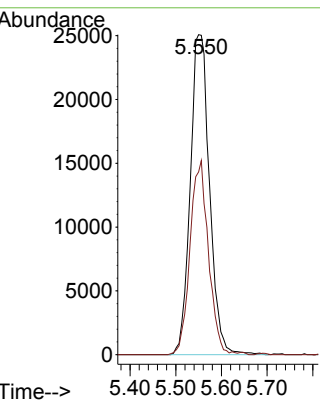


Tgt Ion:168 Resp: 73449

Ion Ratio Lower Upper

168 100

99 57.1 56.6 85.0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.690 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX040269.D

Acq: 16 Feb 2024 11:42

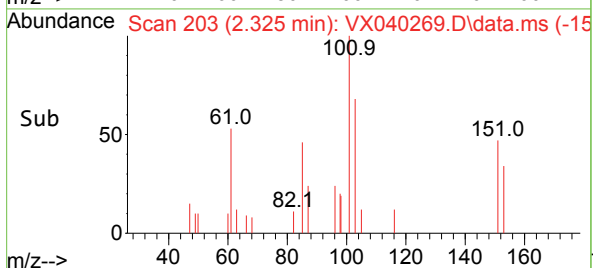
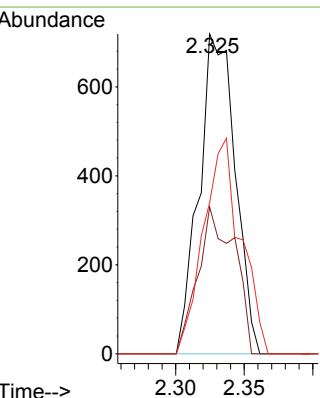
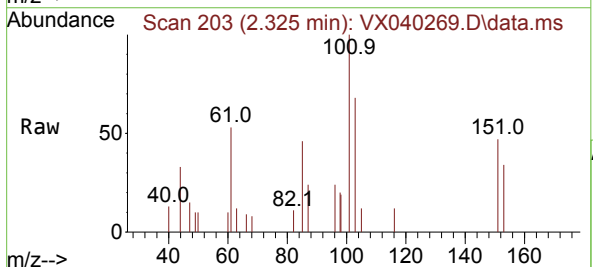
Tgt Ion:101 Resp: 1316

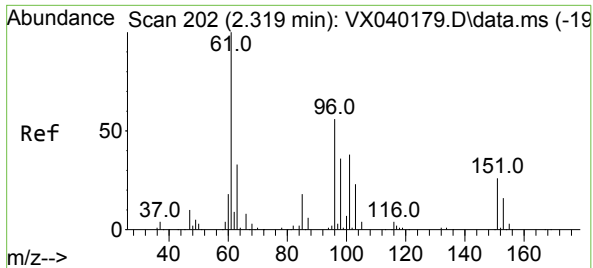
Ion Ratio Lower Upper

101 100

85 46.3 37.0 55.6

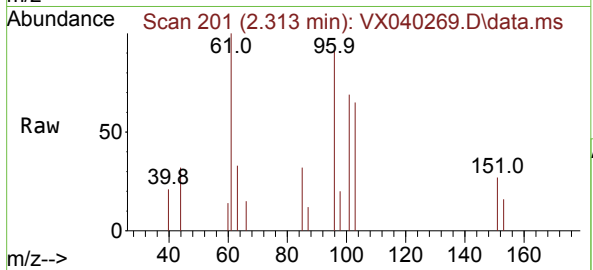
151 69.5 58.6 87.8



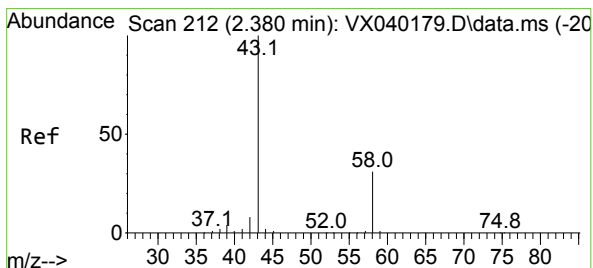
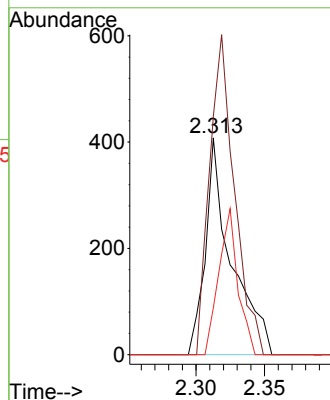
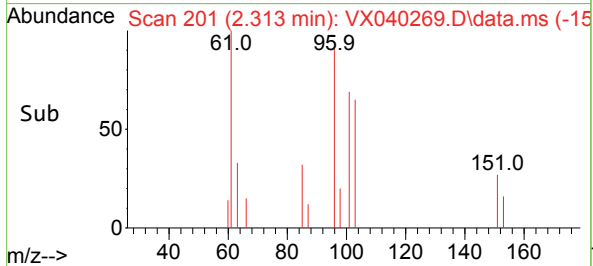


#12
1,1-Dichloroethene
Concen: 0.716 ug/l
RT: 2.313 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX040269.D
Acq: 16 Feb 2024 11:42

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20240214

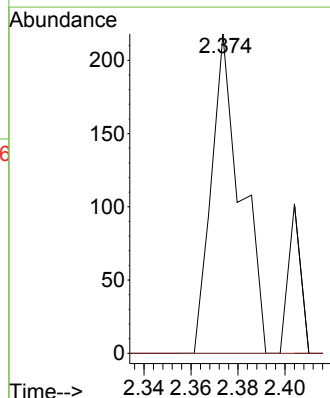
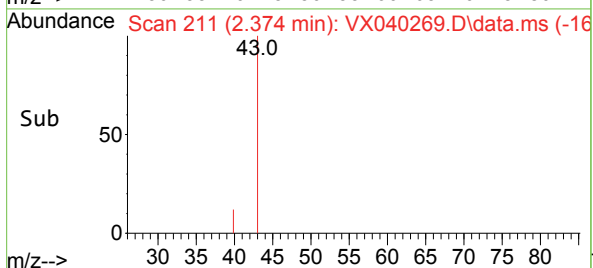
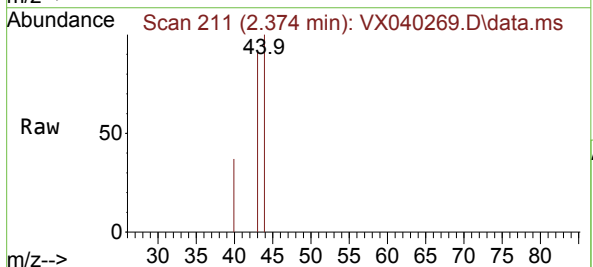


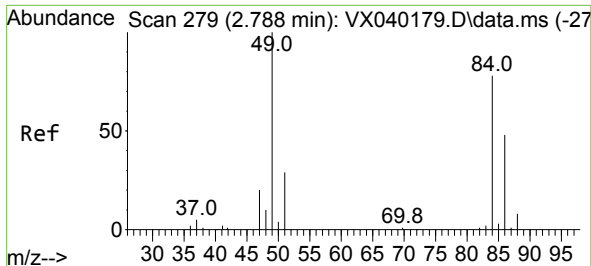
Tgt Ion: 96 Resp: 537
Ion Ratio Lower Upper
96 100
61 109.8 144.6 216.8#
98 21.6 50.4 75.6#



#16
Acetone
Concen: 0.426 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040269.D
Acq: 16 Feb 2024 11:42

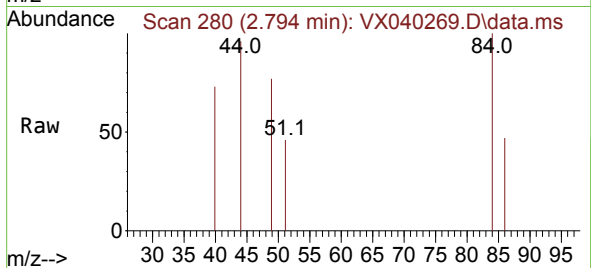
Tgt Ion: 43 Resp: 191
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#





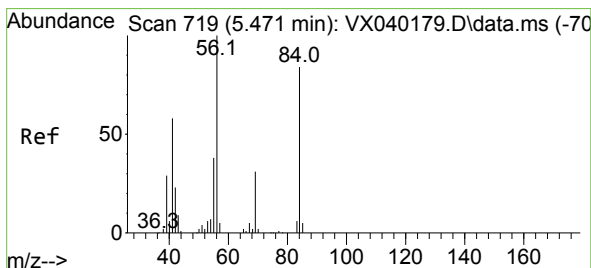
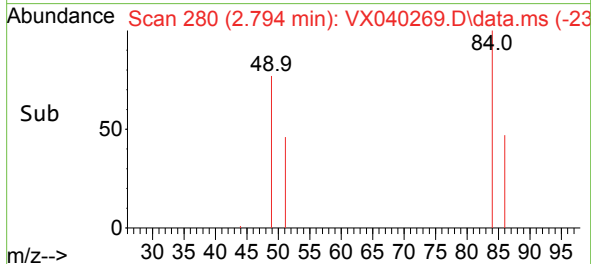
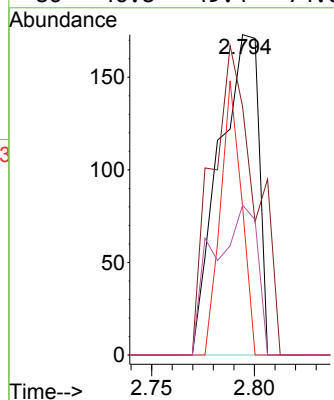
#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040269.D
Acq: 16 Feb 2024 11:42

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20240214



Tgt Ion: 84 Resp: 232

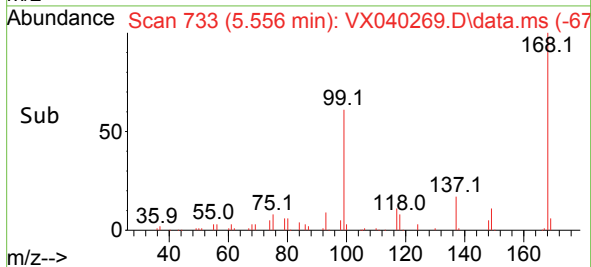
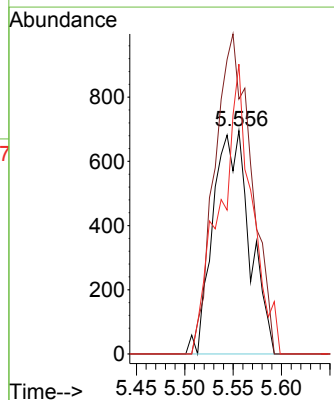
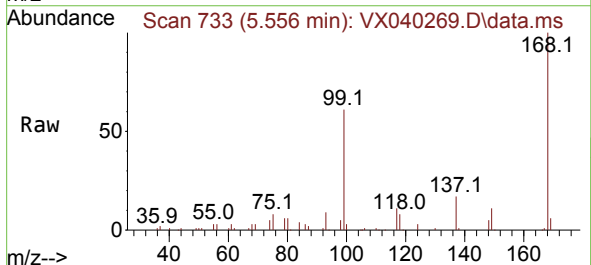
Ion	Ratio	Lower	Upper
84	100		
49	77.5	103.6	155.4#
51	46.2	33.8	50.6
86	46.8	49.4	74.0#

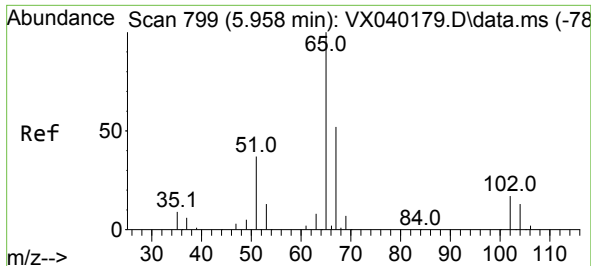


#31
Cyclohexane
Concen: 1.406 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX040269.D
Acq: 16 Feb 2024 11:42

Tgt Ion: 56 Resp: 1833

Ion	Ratio	Lower	Upper
56	100		
69	114.1	23.4	35.2#
84	129.7	65.9	98.9#

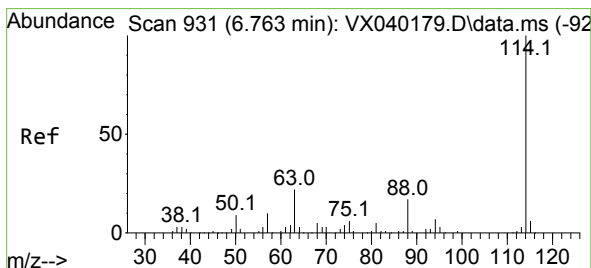
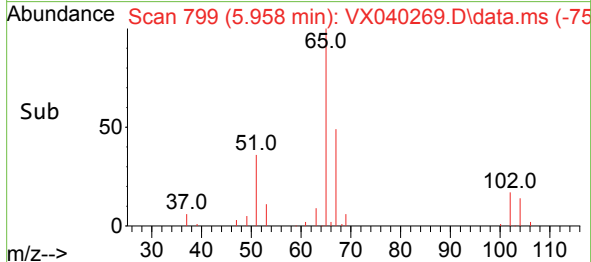
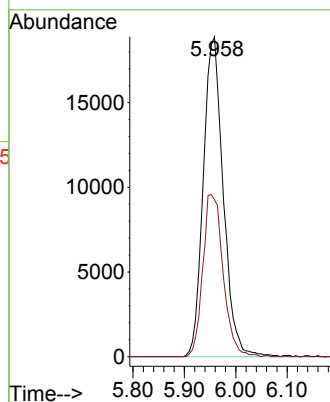
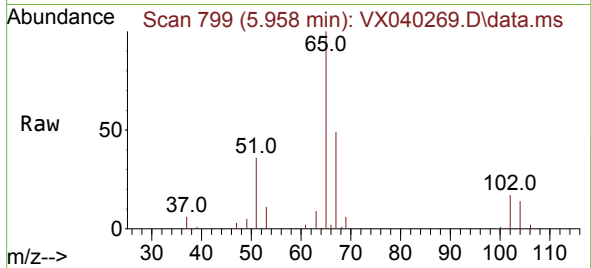




#33
1,2-Dichloroethane-d4
Concen: 46.605 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040269.D
Acq: 16 Feb 2024 11:42

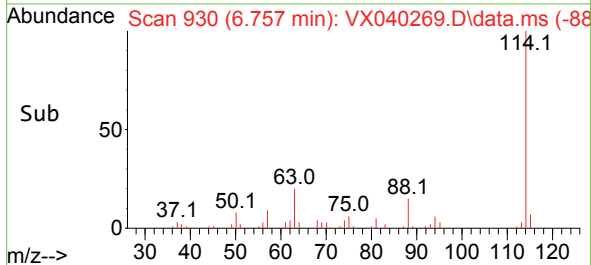
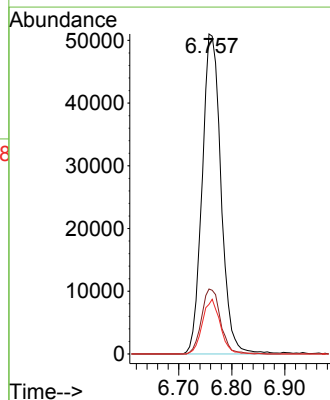
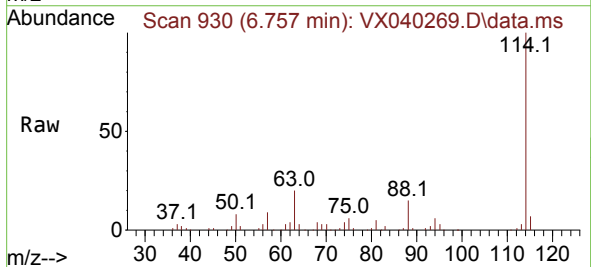
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20240214

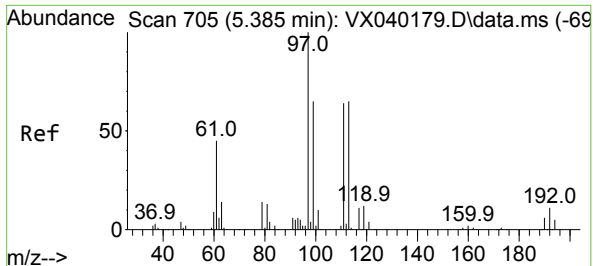
Tgt Ion: 65 Resp: 50925
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX040269.D
Acq: 16 Feb 2024 11:42

Tgt Ion: 114 Resp: 125853
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 15.5 0.0 36.6

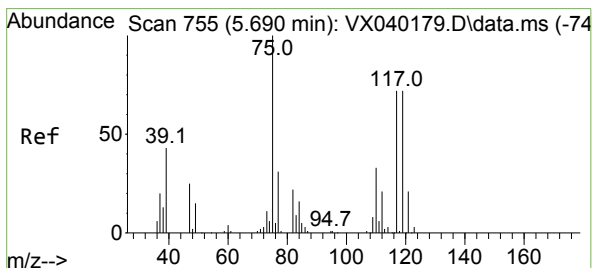
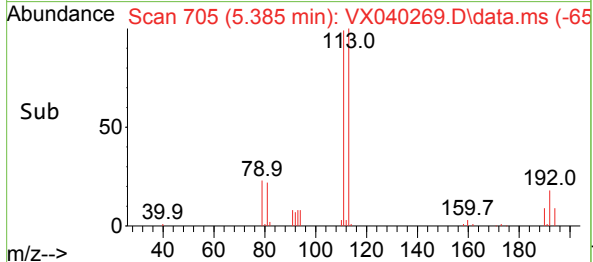
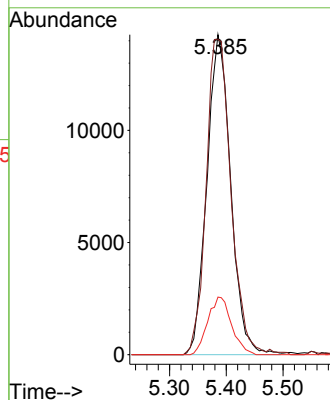
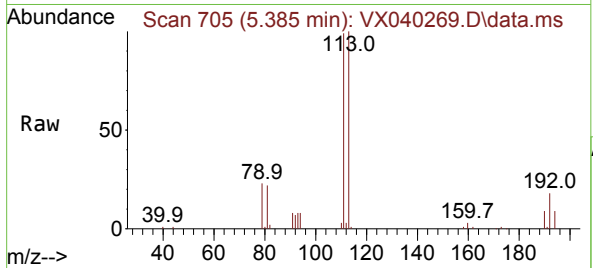




#35
Dibromofluoromethane
Concen: 47.293 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040269.D
Acq: 16 Feb 2024 11:42

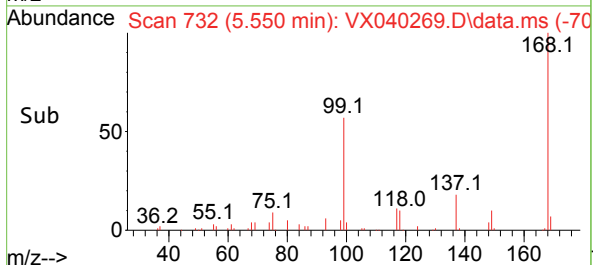
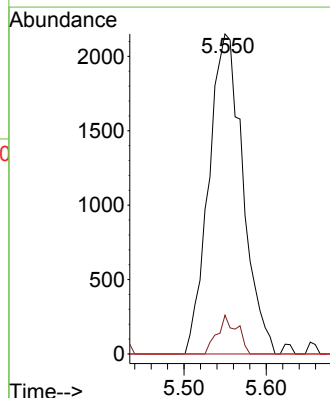
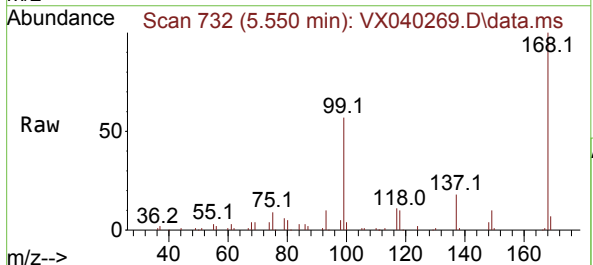
Instrument :
MSVOA_X
ClientSampleId :
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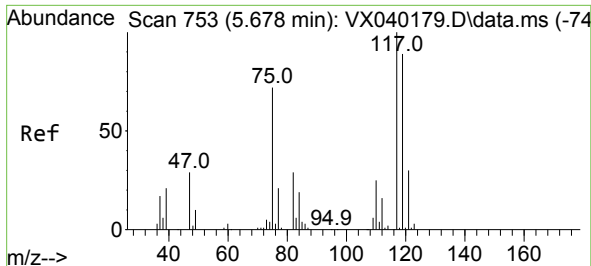
Tgt Ion:113 Resp: 41565
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.026 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX040269.D
Acq: 16 Feb 2024 11:42

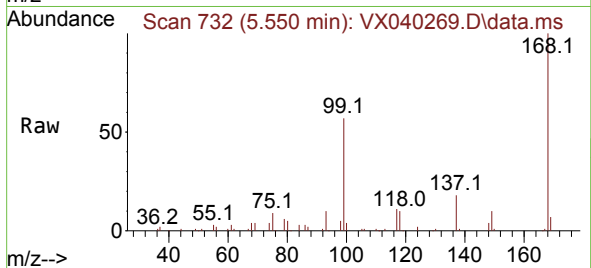
Tgt Ion: 75 Resp: 6188
Ion Ratio Lower Upper
75 100
110 7.0 17.0 50.9#
77 0.0 24.7 37.1#



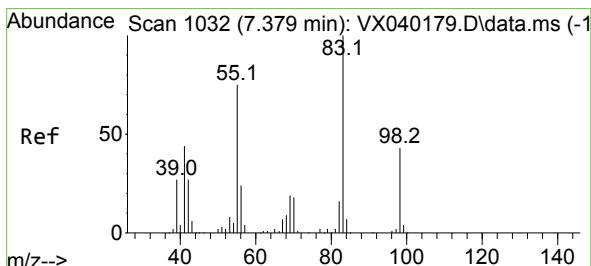
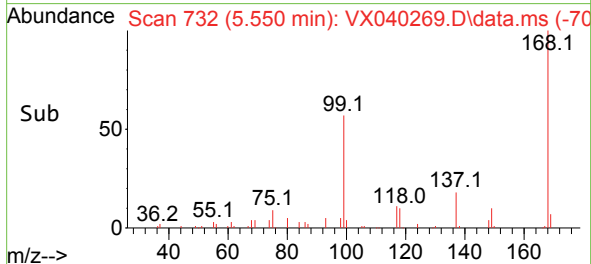
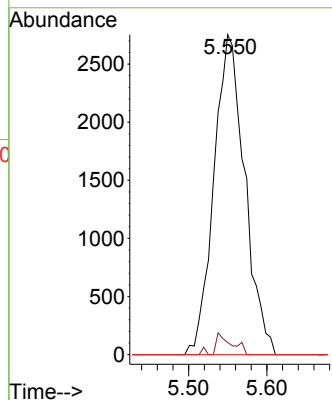


#38
Carbon Tetrachloride
Concen: 6.429 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040269.D
Acq: 16 Feb 2024 11:42

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20240214

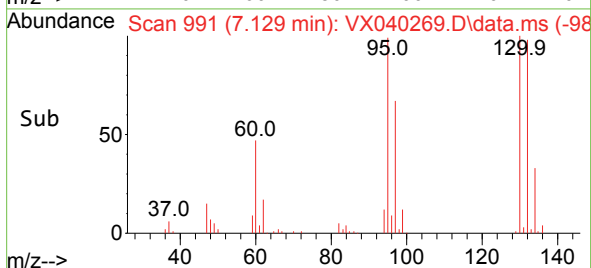
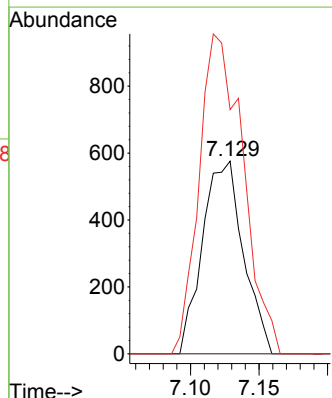
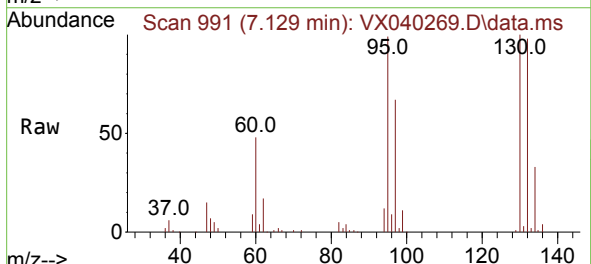


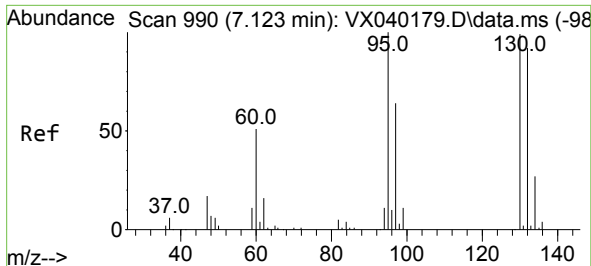
Tgt Ion:117 Resp: 7526
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.835 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.250 min
Lab File: VX040269.D
Acq: 16 Feb 2024 11:42

Tgt Ion: 83 Resp: 1195
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 126.7 36.7 55.1#

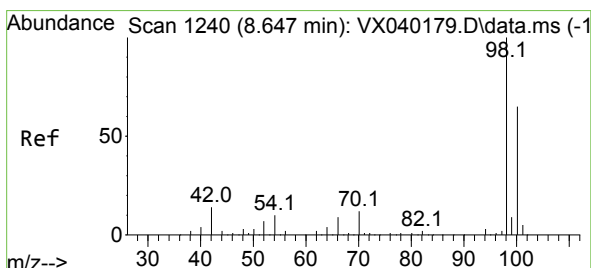
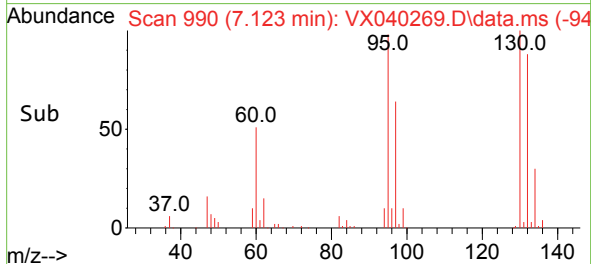
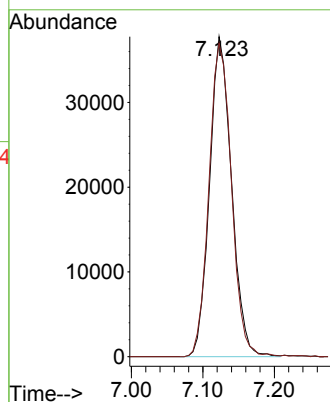
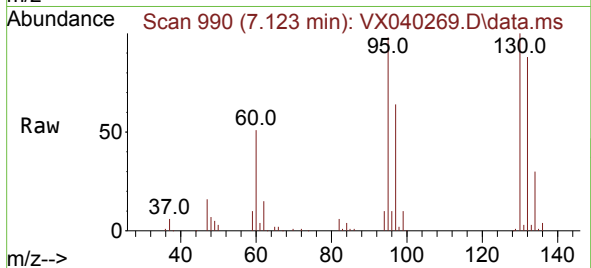




#44
Trichloroethene
Concen: 84.958 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040269.D
Acq: 16 Feb 2024 11:42

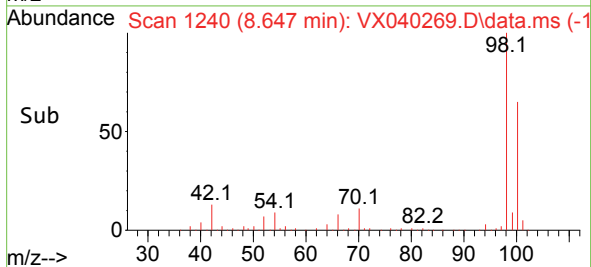
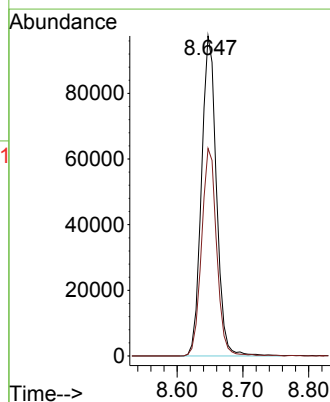
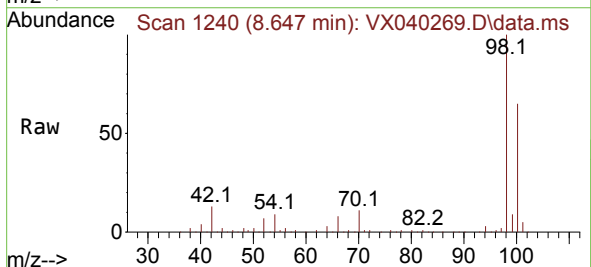
Instrument :
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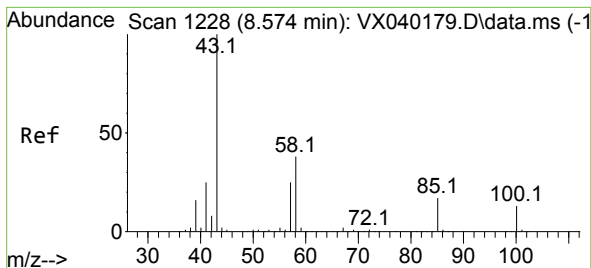
Tgt Ion:130 Resp: 80685
Ion Ratio Lower Upper
130 100
95 97.9 0.0 204.4



#50
Toluene-d8
Concen: 46.869 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040269.D
Acq: 16 Feb 2024 11:42

Tgt Ion: 98 Resp: 154089
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.486 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX040269.D

Acq: 16 Feb 2024 11:42

Instrument :

MSVOA_X

ClientSampleId :

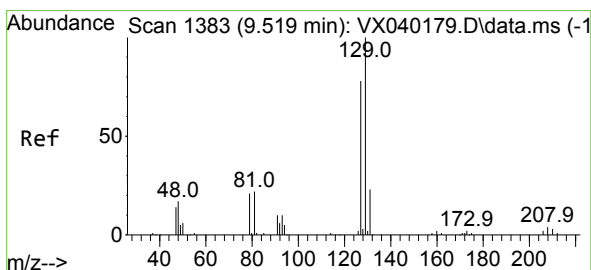
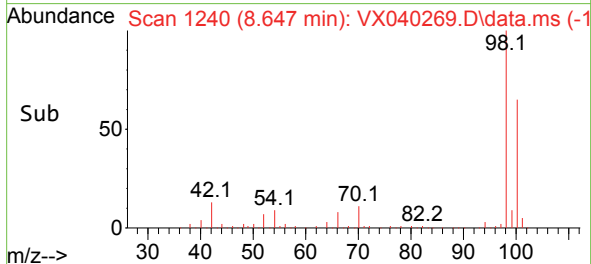
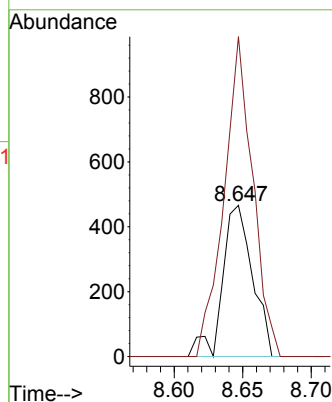
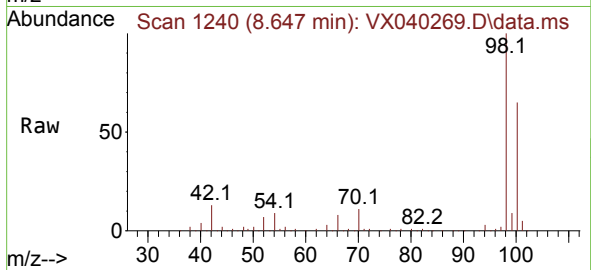
DUP05-20240214

Tgt Ion: 43 Resp: 709

Ion Ratio Lower Upper

43 100

58 203.0 30.4 45.6#



#60

Dibromochloromethane

Concen: 0.372 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.244 min

Lab File: VX040269.D

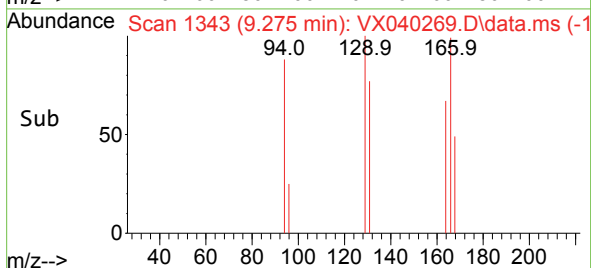
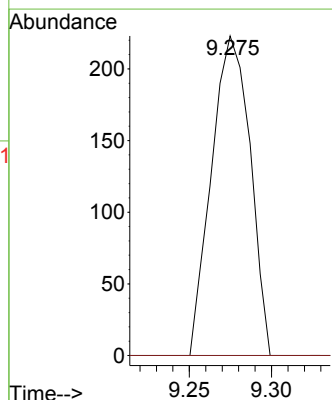
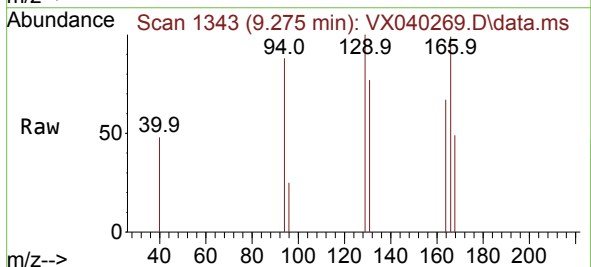
Acq: 16 Feb 2024 11:42

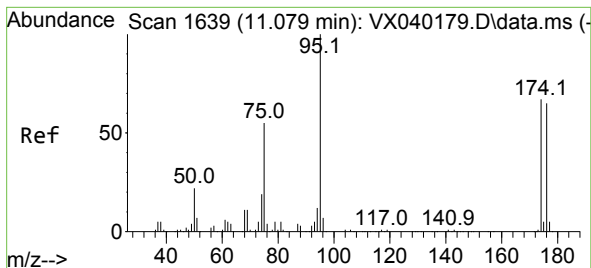
Tgt Ion: 129 Resp: 365

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#

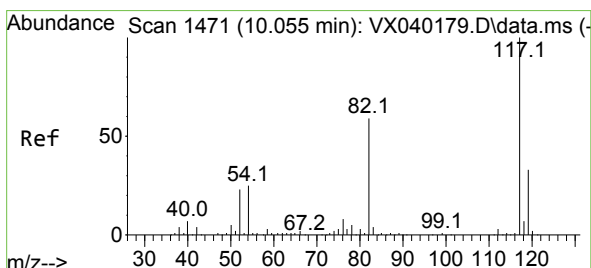
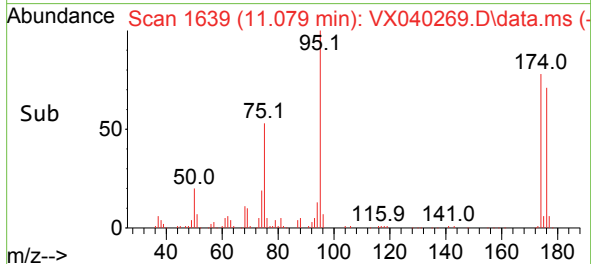
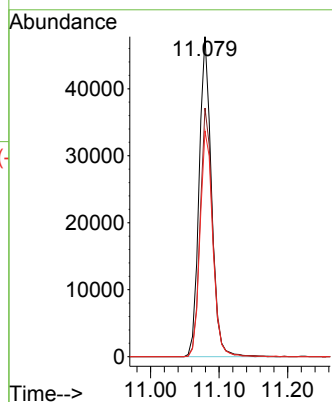
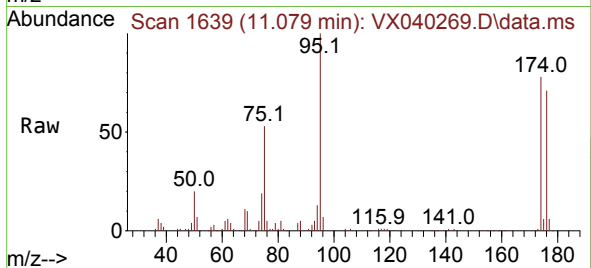




#62
4-Bromofluorobenzene
Concen: 44.617 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040269.D
Acq: 16 Feb 2024 11:42

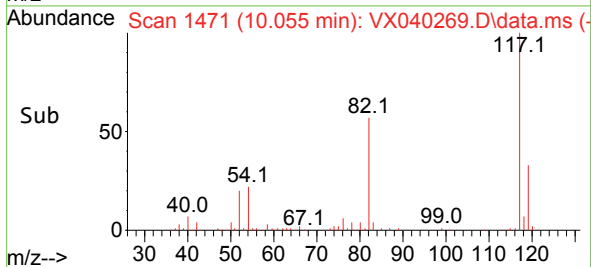
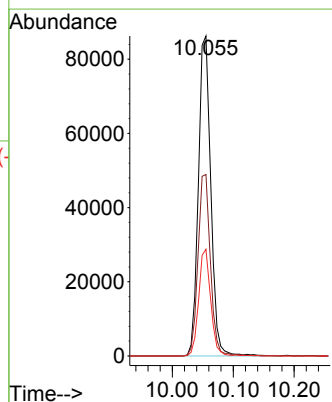
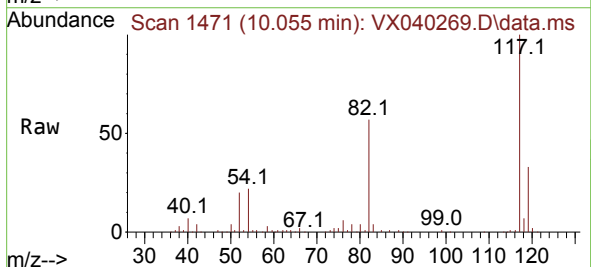
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20240214

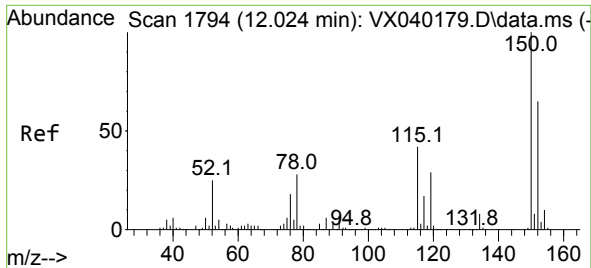
Tgt Ion: 95 Resp: 59824
Ion Ratio Lower Upper
95 100
174 78.7 0.0 135.6
176 72.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040269.D
Acq: 16 Feb 2024 11:42

Tgt Ion: 117 Resp: 122054
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 33.3 25.5 38.3

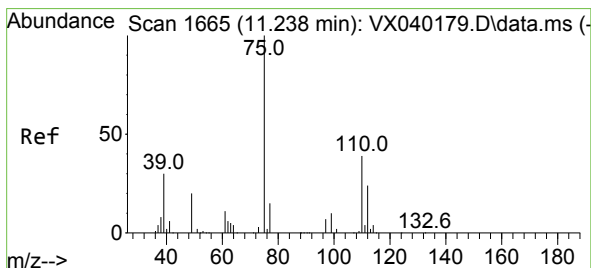
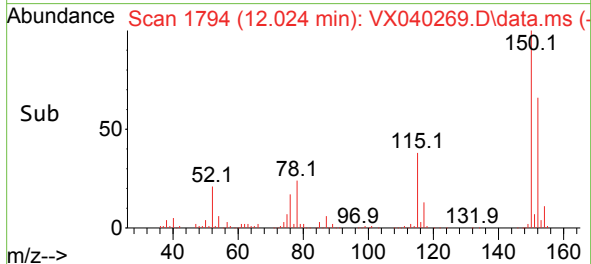
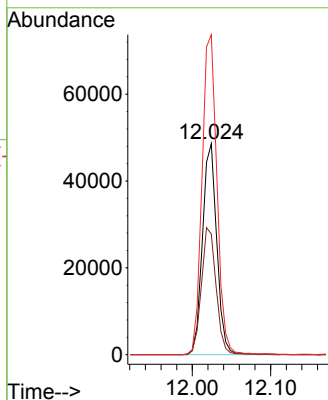
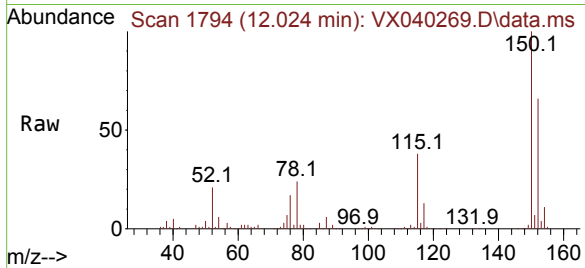




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040269.D
 Acq: 16 Feb 2024 11:42

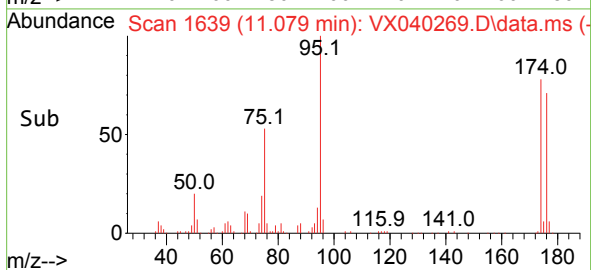
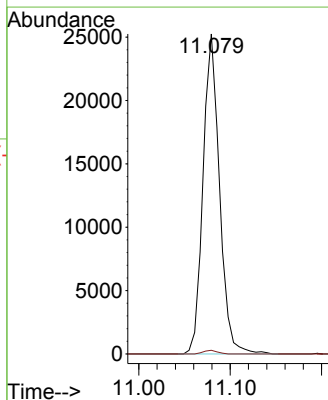
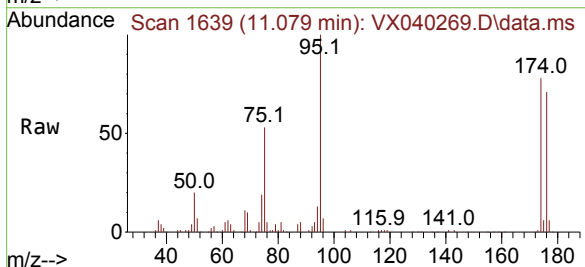
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20240214

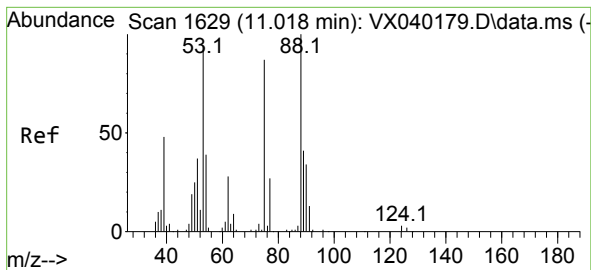
Tgt Ion:152 Resp: 61877
 Ion Ratio Lower Upper
 152 100
 115 61.5 43.3 129.9
 150 157.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.183 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX040269.D
 Acq: 16 Feb 2024 11:42

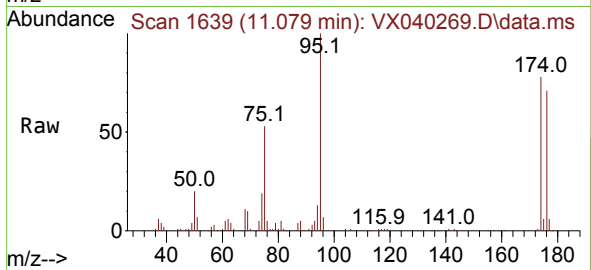
Tgt Ion: 75 Resp: 31555
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.246 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040269.D
 Acq: 16 Feb 2024 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20240214



Tgt Ion: 75 Resp: 31555
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

