

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040276.D
 Acq On : 16 Feb 2024 14:22
 Operator : JC/MD
 Sample : P1507-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20240214

Quant Time: Feb 17 01:36:01 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

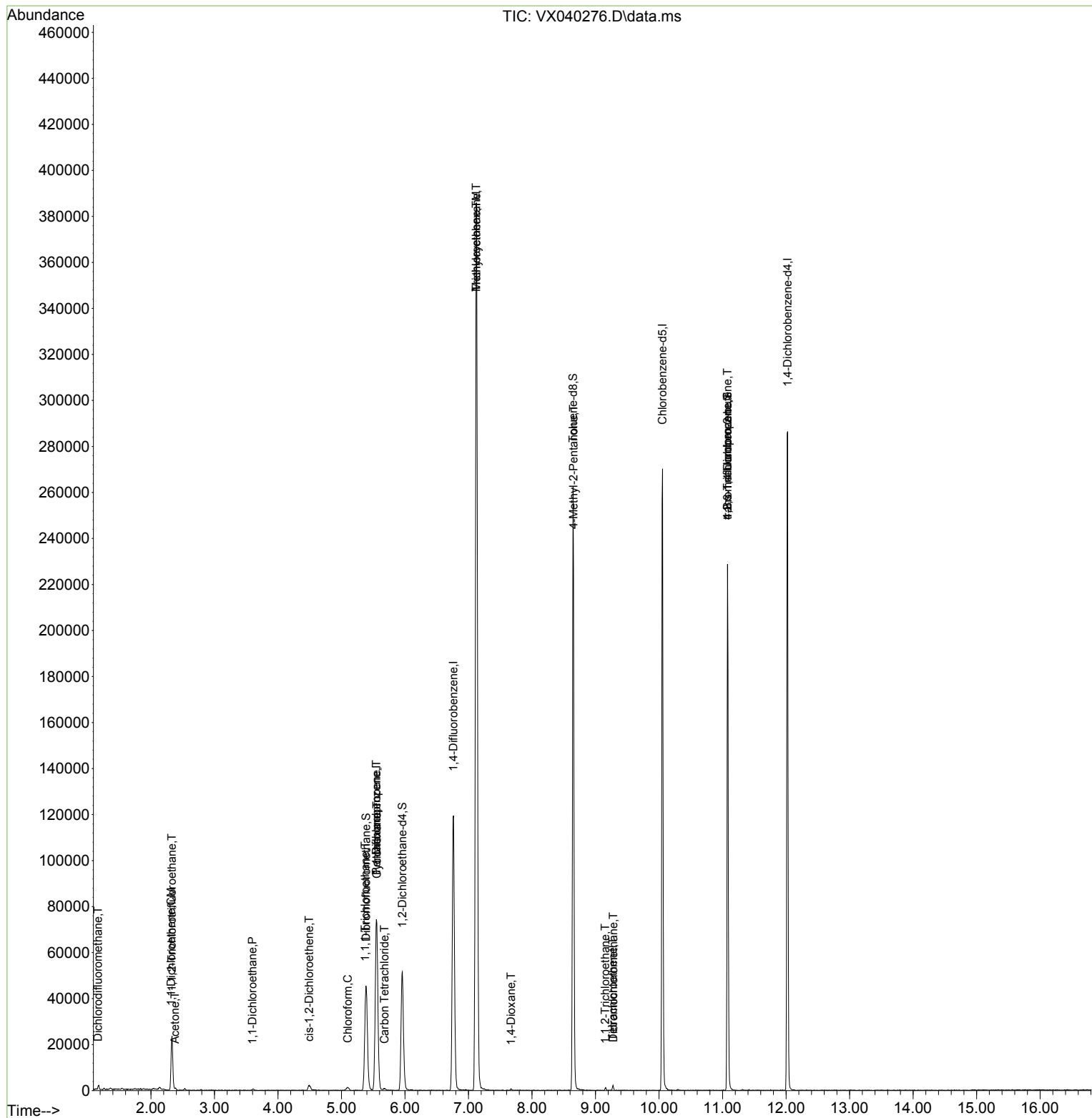
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	71541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	123112	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49708	46.704	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.400%
35) Dibromofluoromethane	5.385	113	40493	47.099	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.200%
50) Toluene-d8	8.647	98	149693	46.545	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.100%
62) 4-Bromofluorobenzene	11.079	95	60876	46.412	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	764	0.945	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	7990	10.532	ug/l	99
12) 1,1-Dichloroethene	2.319	96	1673	2.291	ug/l	97
16) Acetone	2.380	43	947	2.166	ug/l #	88
20) Methylene Chloride	2.788	84	63	Below Cal	#	65
24) 1,1-Dichloroethane	3.599	63	819	0.547	ug/l #	83
27) cis-1,2-Dichloroethene	4.489	96	1573	1.658	ug/l	85
30) Chloroform	5.099	83	1606	0.992	ug/l	87
31) Cyclohexane	5.556	56	1683	1.326	ug/l #	60
32) 1,1,1-Trichloroethane	5.373	97	337	0.247	ug/l #	23
36) 1,1-Dichloropropene	5.550	75	5902	4.901	ug/l #	50
38) Carbon Tetrachloride	5.678	117	501	0.438	ug/l #	85
39) Methylcyclohexane	7.123	83	1854	1.325	ug/l #	1
44) Trichloroethene	7.123	130	148318	159.651	ug/l	99
49) 1,4-Dioxane	7.671	88	379	16.276	ug/l #	72
51) 4-Methyl-2-Pentanone	8.653	43	612	0.428	ug/l #	1
55) 1,1,2-Trichloroethane	9.153	97	397	0.422	ug/l #	62
60) Dibromochloromethane	9.281	129	338	0.353	ug/l #	11
64) Tetrachloroethene	9.275	164	362	0.434	ug/l #	81
76) 1,2,3-Trichloropropane	11.079	75	31188	25.284	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	31188	69.510	ug/l #	5

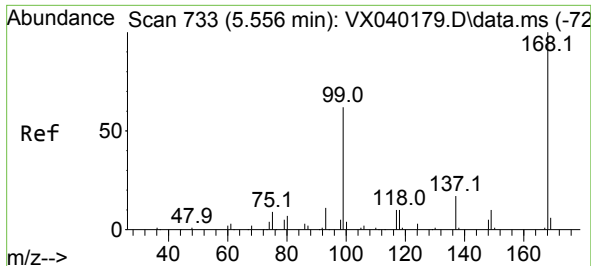
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
Data File : VX040276.D
Acq On : 16 Feb 2024 14:22
Operator : JC/MD
Sample : P1507-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20240214

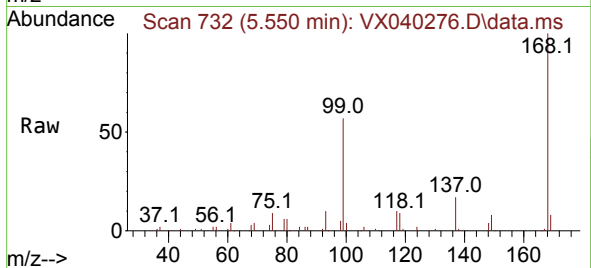
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration



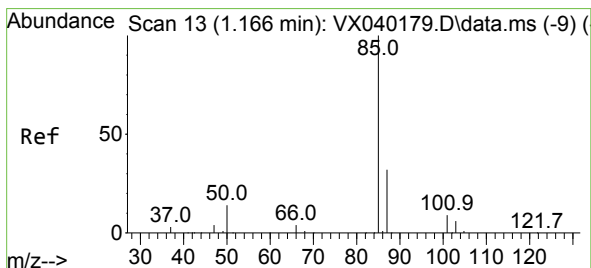
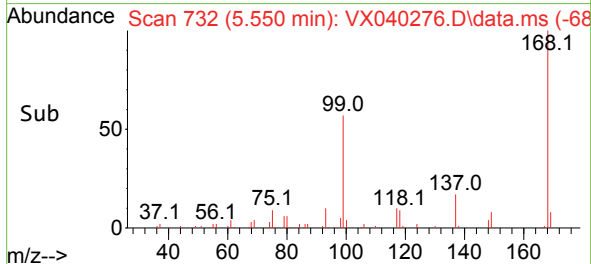
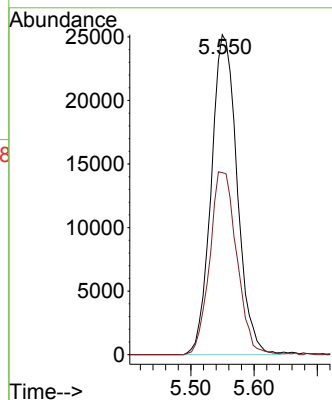


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20240214

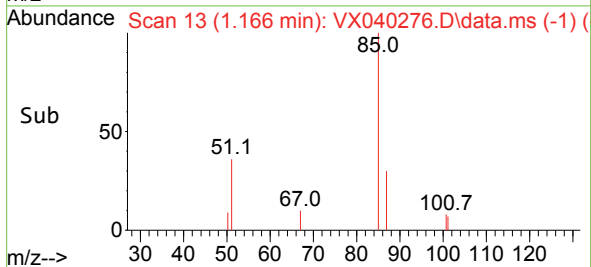
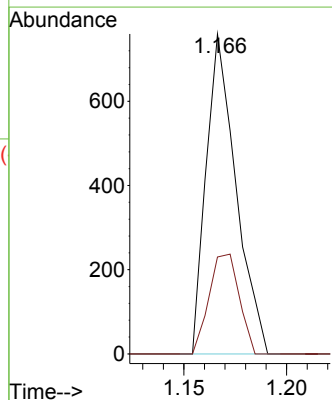
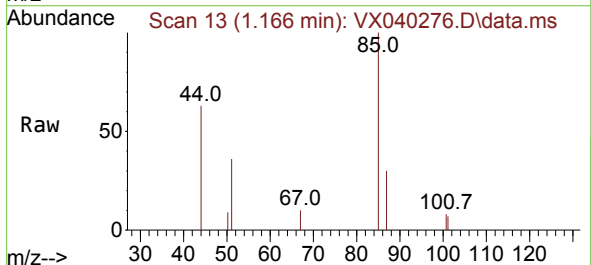


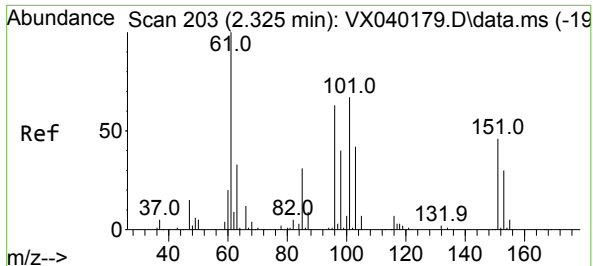
Tgt Ion:168 Resp: 71541
Ion Ratio Lower Upper
168 100
99 56.9 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.945 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

Tgt Ion: 85 Resp: 764
Ion Ratio Lower Upper
85 100
87 30.3 16.7 50.1

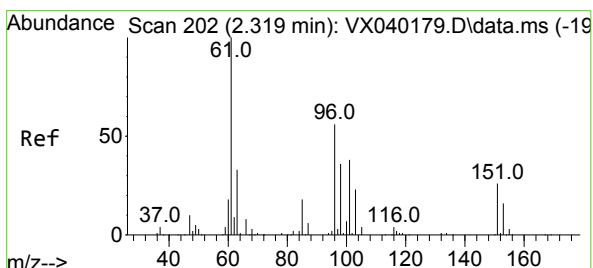
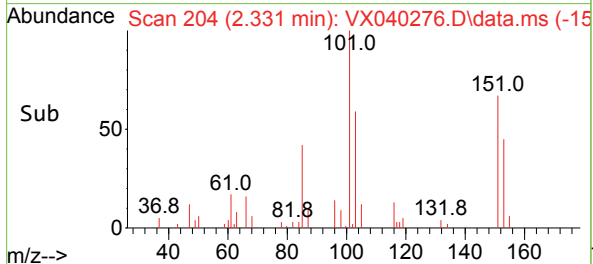
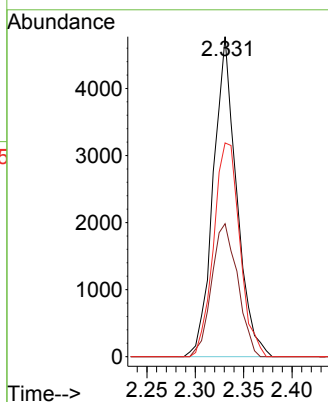
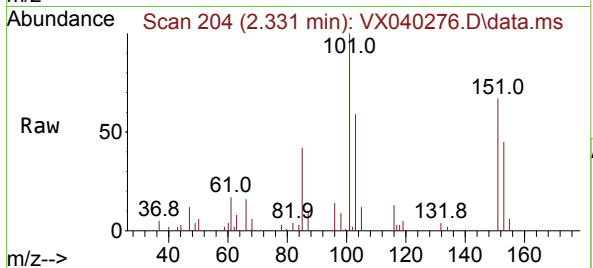




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.532 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

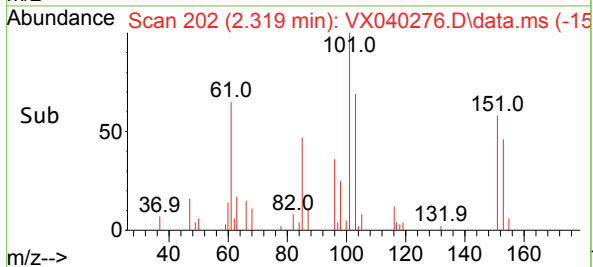
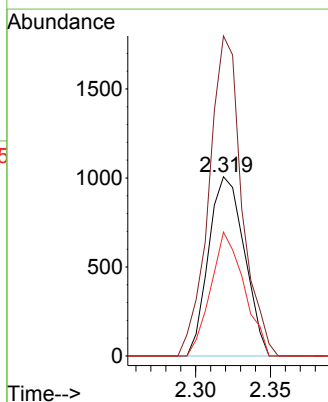
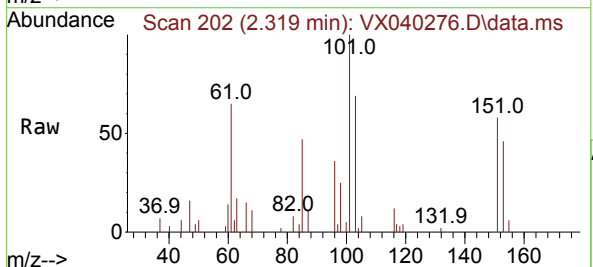
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20240214

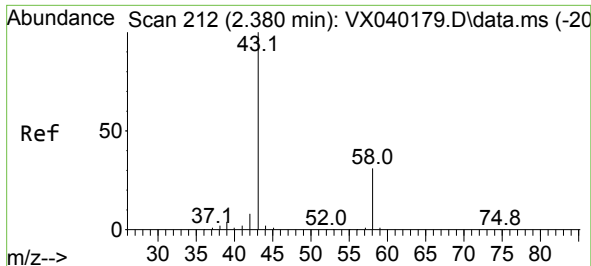
Tgt Ion:101 Resp: 7990
Ion Ratio Lower Upper
101 100
85 46.4 37.0 55.6
151 75.0 58.6 87.8



#12
1,1-Dichloroethene
Concen: 2.291 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

Tgt Ion: 96 Resp: 1673
Ion Ratio Lower Upper
96 100
61 178.6 144.6 216.8
98 69.1 50.4 75.6





#16

Acetone

Concen: 2.166 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX040276.D

Acq: 16 Feb 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

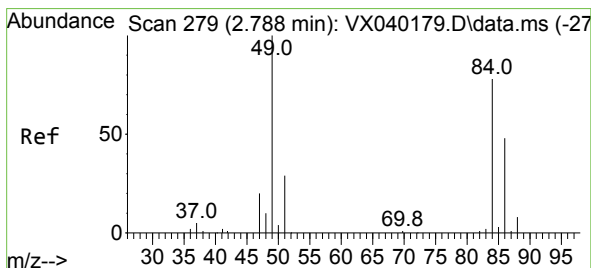
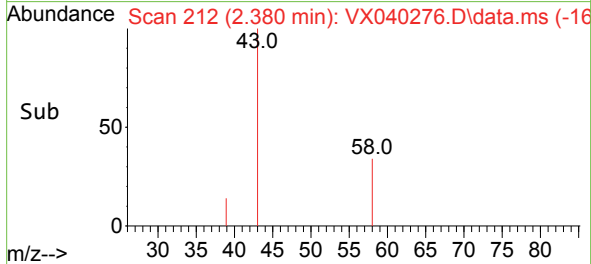
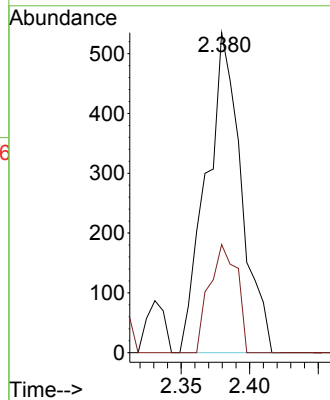
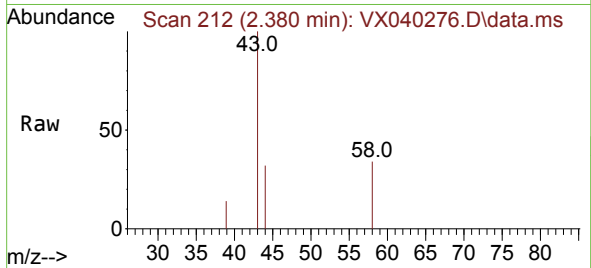
RE132D5-20240214

Tgt Ion: 43 Resp: 947

Ion Ratio Lower Upper

43 100

58 33.8 21.9 32.9#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX040276.D

Acq: 16 Feb 2024 14:22

Tgt Ion: 84 Resp: 63

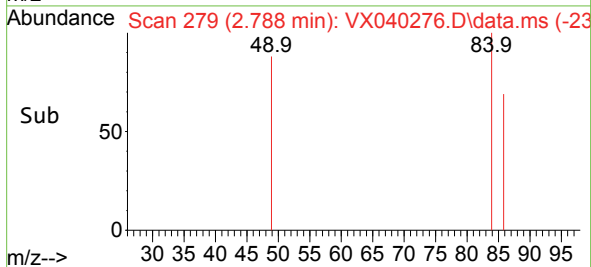
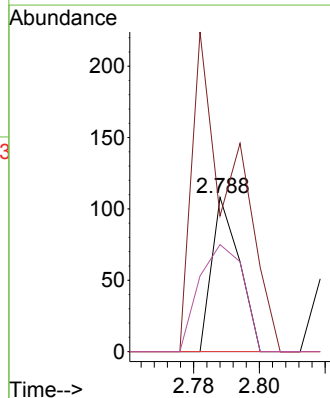
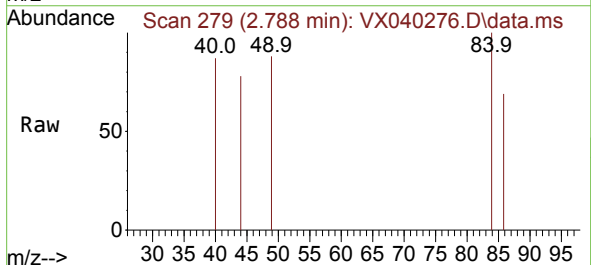
Ion Ratio Lower Upper

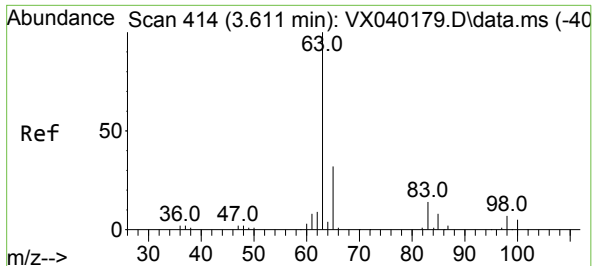
84 100

49 88.0 103.6 155.4#

51 0.0 33.8 50.6#

86 69.4 49.4 74.0

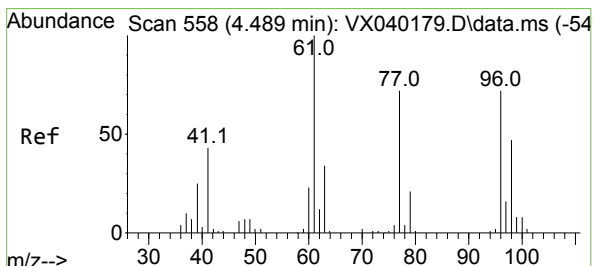
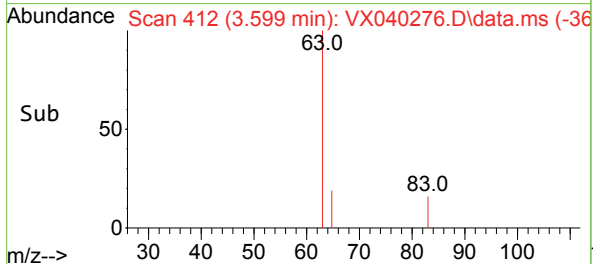
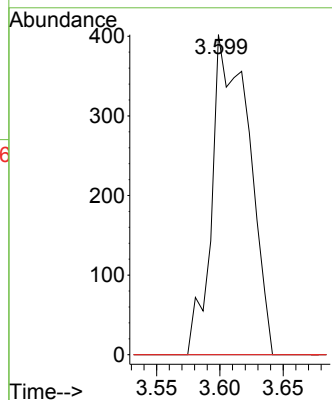
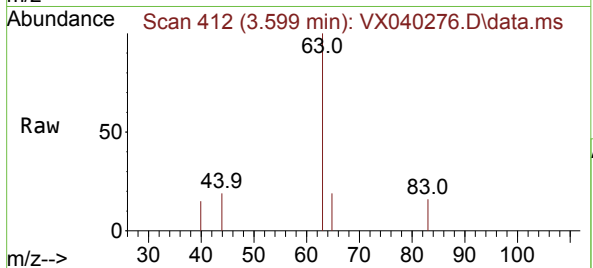




#24
1,1-Dichloroethane
Concen: 0.547 ug/l
RT: 3.599 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

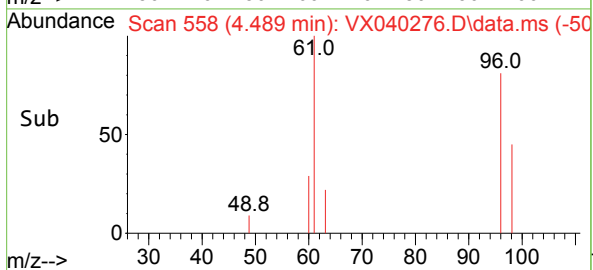
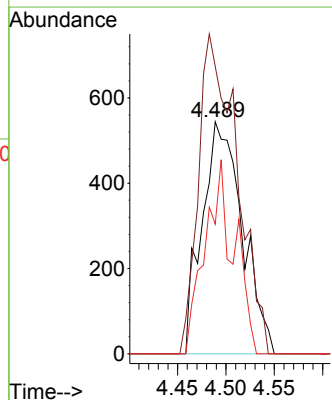
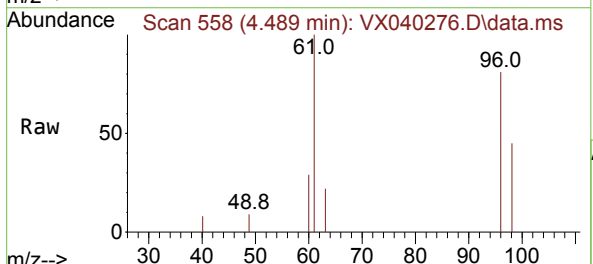
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20240214

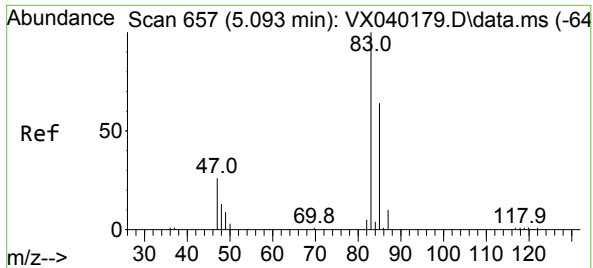
Tgt Ion: 63 Resp: 819
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#



#27
cis-1,2-Dichloroethene
Concen: 1.658 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

Tgt Ion: 96 Resp: 1573
Ion Ratio Lower Upper
96 100
61 131.7 0.0 312.2
98 60.6 0.0 129.0

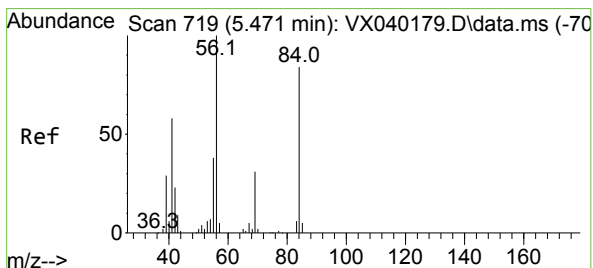
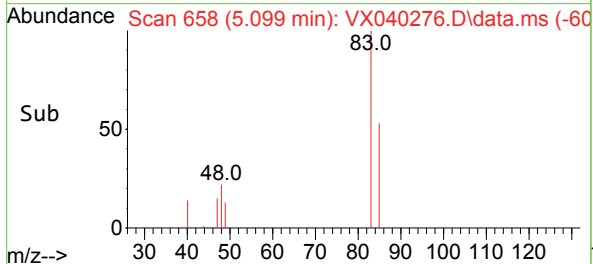
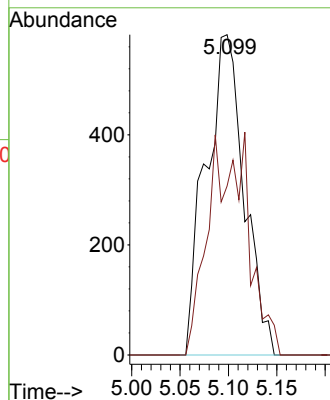
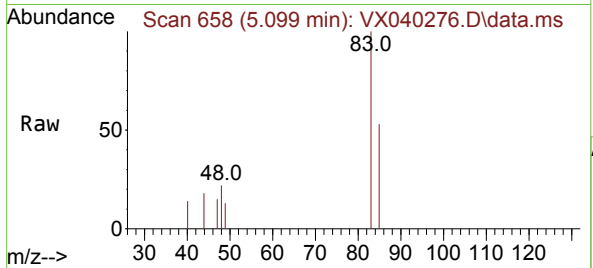




#30
Chloroform
Concen: 0.992 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

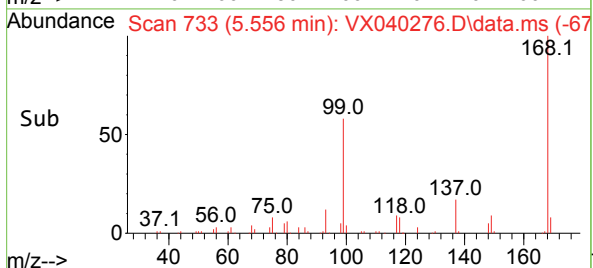
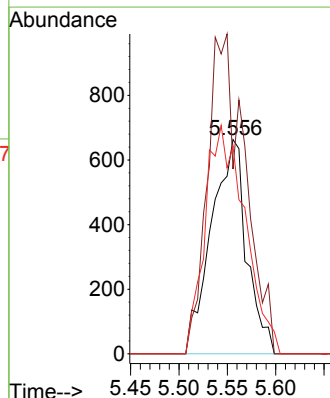
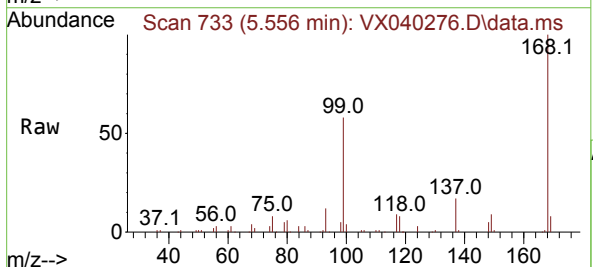
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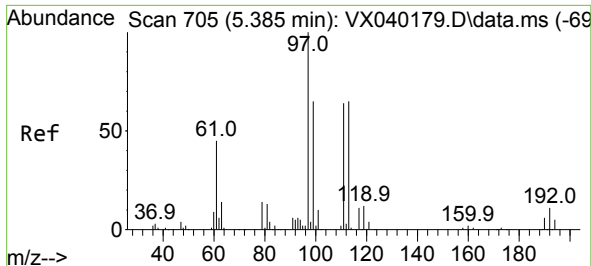
Tgt Ion: 83 Resp: 1606
Ion Ratio Lower Upper
83 100
85 52.7 50.3 75.5



#31
Cyclohexane
Concen: 1.326 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

Tgt Ion: 56 Resp: 1683
Ion Ratio Lower Upper
56 100
69 86.3 23.4 35.2#
84 97.1 65.9 98.9

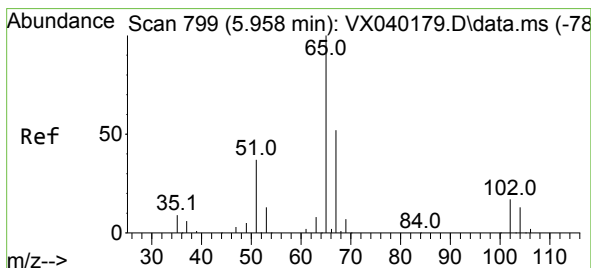
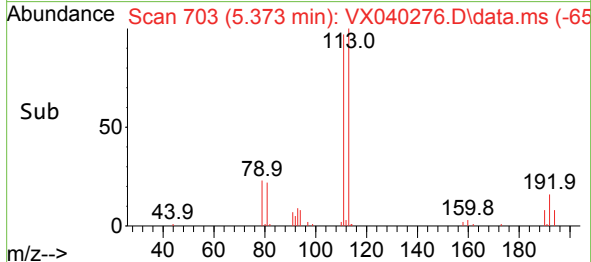
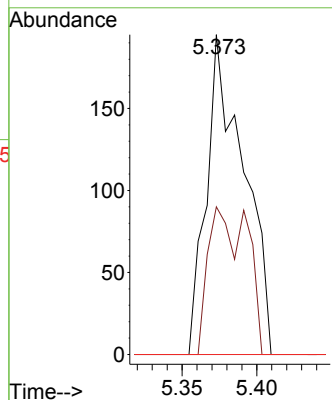
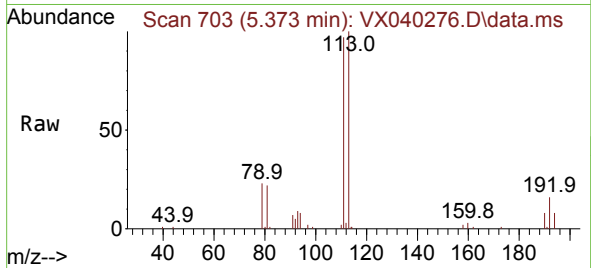




#32
1,1,1-Trichloroethane
Concen: 0.247 ug/l
RT: 5.373 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

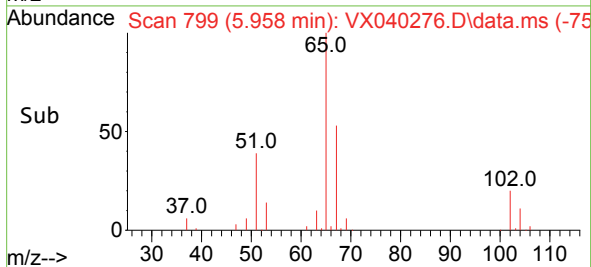
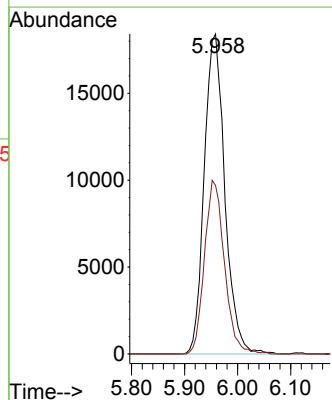
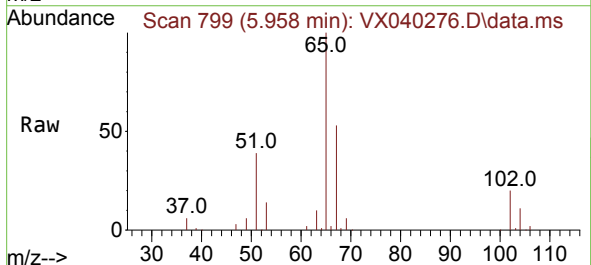
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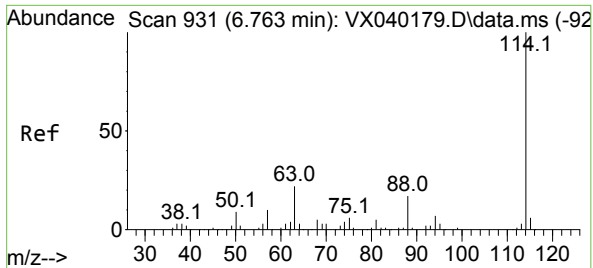
Tgt Ion: 97 Resp: 337
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 0.0 36.4 54.6#



#33
1,2-Dichloroethane-d4
Concen: 46.704 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

Tgt Ion: 65 Resp: 49708
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

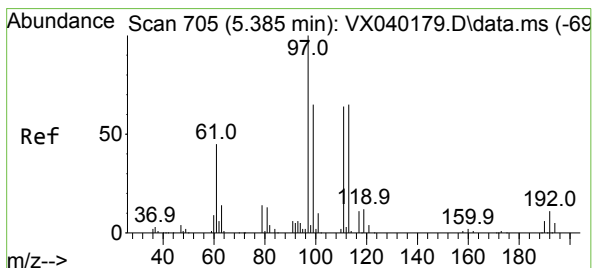
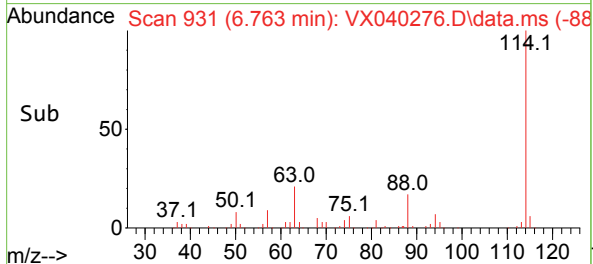
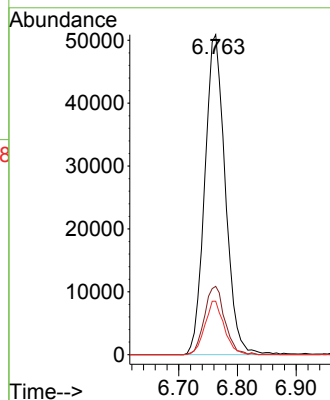
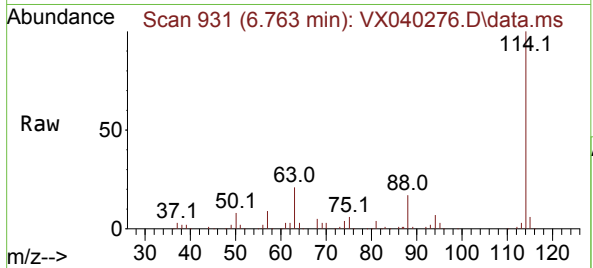




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

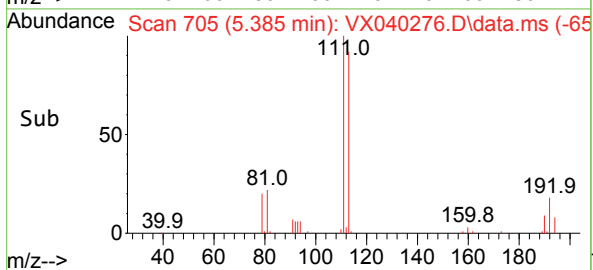
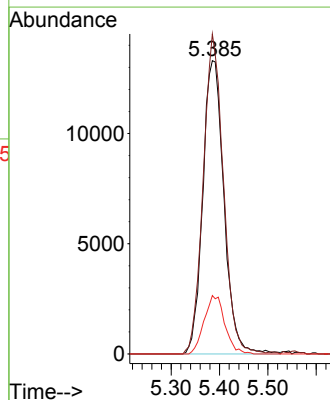
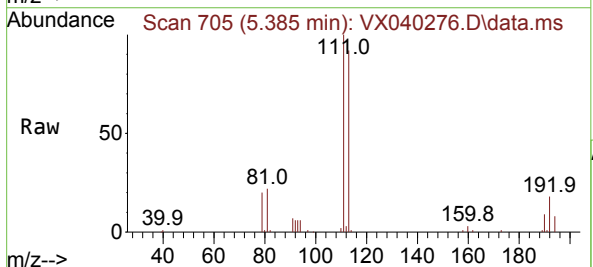
Instrument :
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ClientSampleId :
RE132D5-20240214

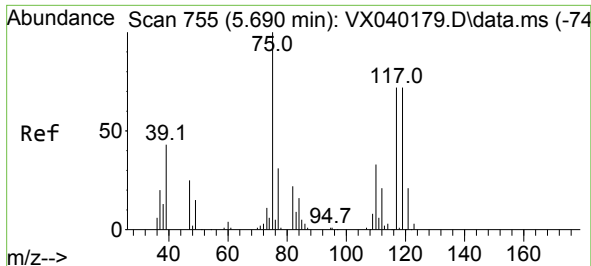
Tgt Ion:114 Resp: 123112
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.099 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

Tgt Ion:113 Resp: 40493
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 19.4 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.901 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX040276.D

Acq: 16 Feb 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20240214

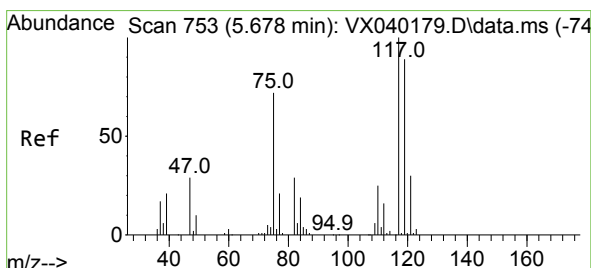
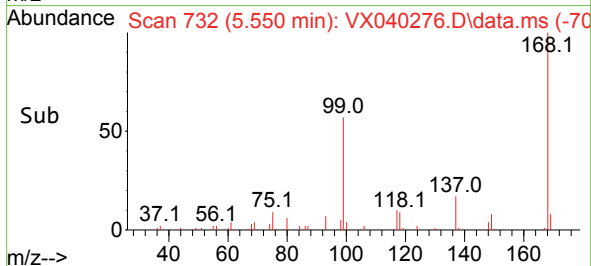
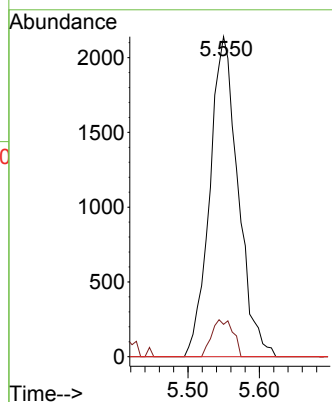
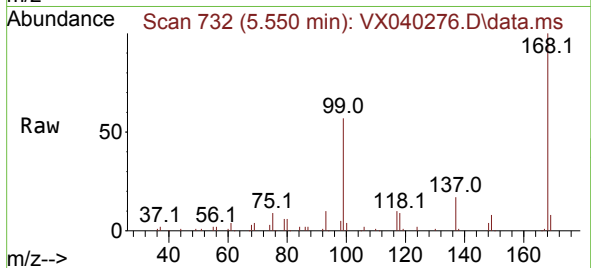
Tgt Ion: 75 Resp: 5902

Ion Ratio Lower Upper

75 100

110 8.7 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 0.438 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX040276.D

Acq: 16 Feb 2024 14:22

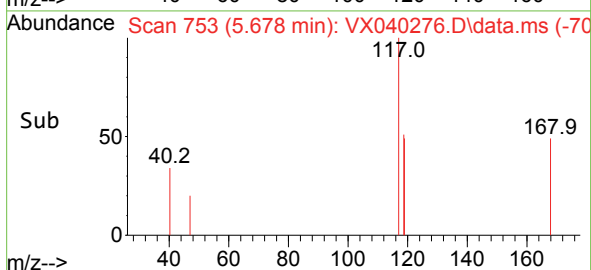
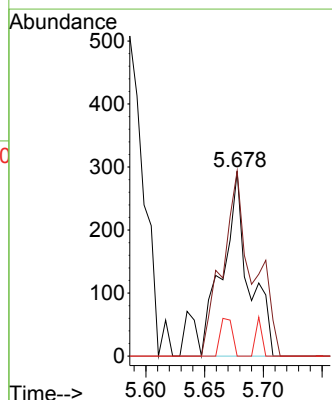
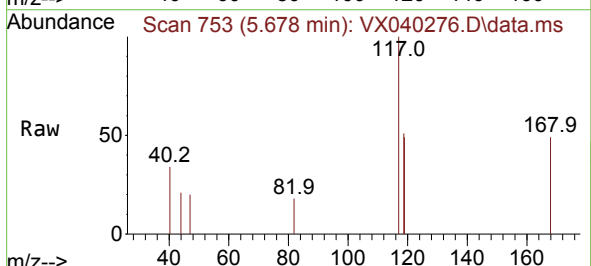
Tgt Ion: 117 Resp: 501

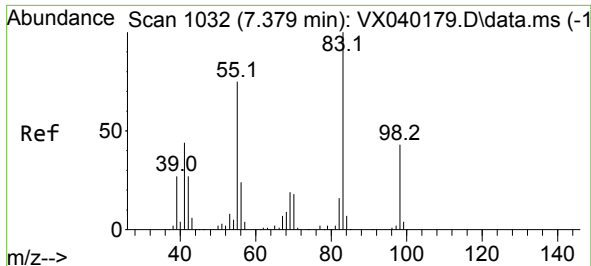
Ion Ratio Lower Upper

117 100

119 100.3 78.2 117.2

121 0.0 24.4 36.6#

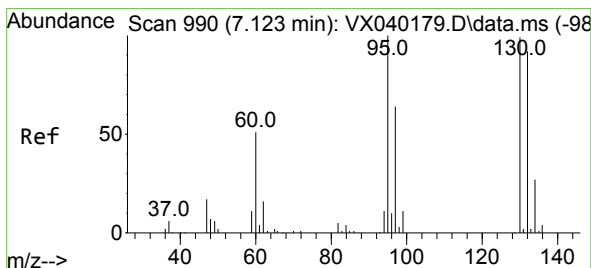
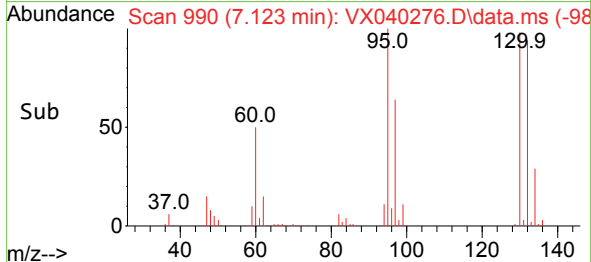
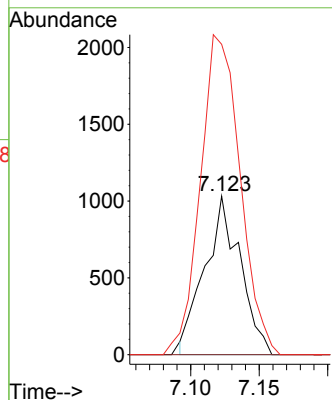
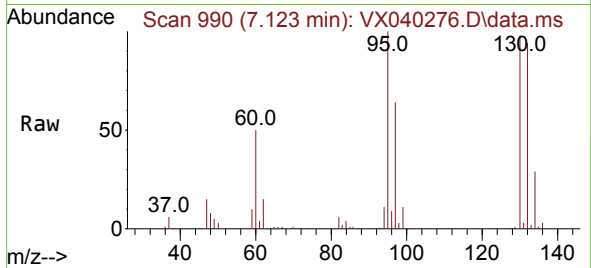




#39
Methylcyclohexane
Concen: 1.325 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.256 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

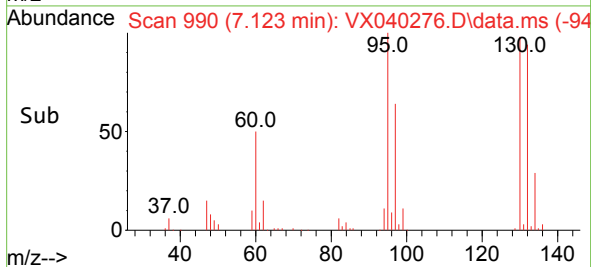
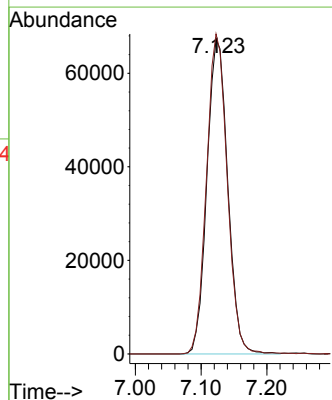
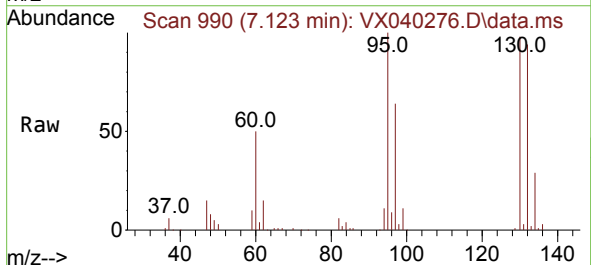
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20240214

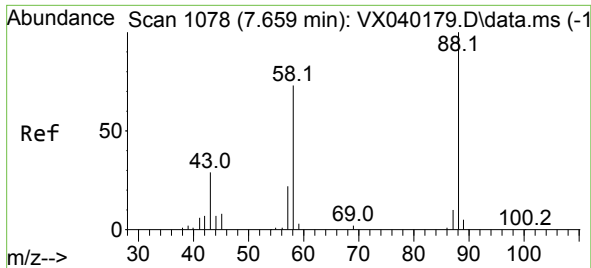
Tgt Ion: 83 Resp: 1854
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 195.8 36.7 55.1#



#44
Trichloroethene
Concen: 159.651 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

Tgt Ion:130 Resp: 148318
Ion Ratio Lower Upper
130 100
95 101.6 0.0 204.4

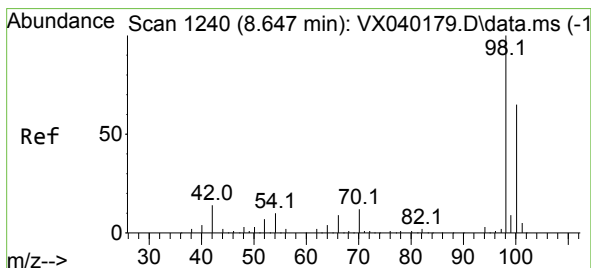
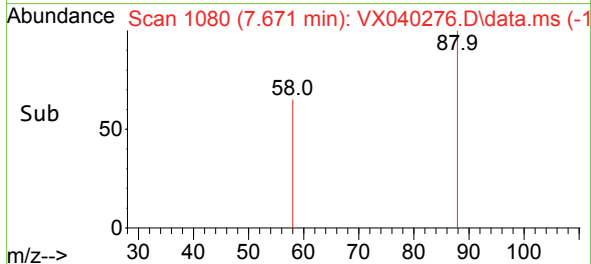
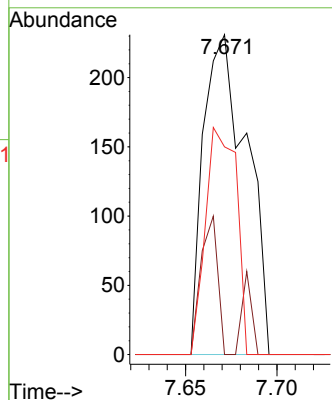
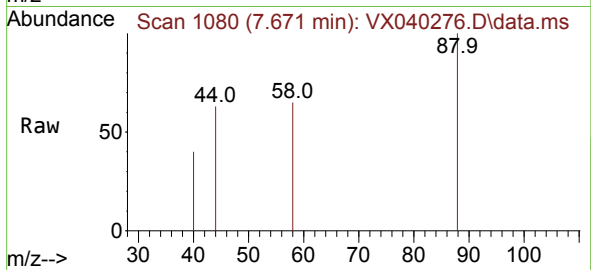




#49
1,4-Dioxane
Concen: 16.276 ug/l
RT: 7.671 min Scan# 1078
Delta R.T. 0.012 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

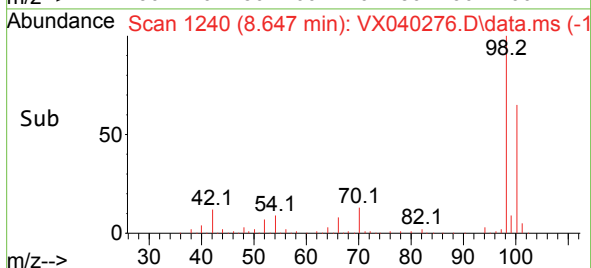
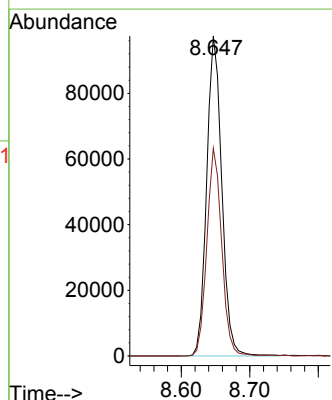
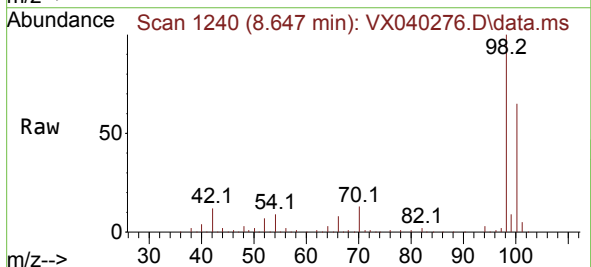
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20240214

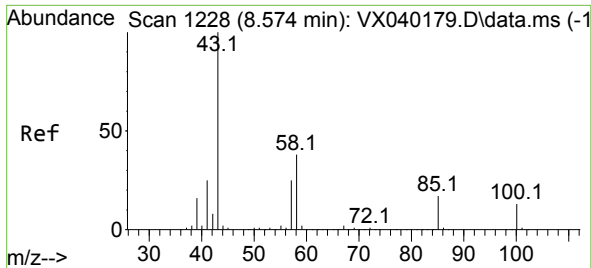
Tgt Ion: 88 Resp: 379
Ion Ratio Lower Upper
88 100
43 16.9 0.0 0.0#
58 50.9 60.1 90.1#



#50
Toluene-d8
Concen: 46.545 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

Tgt Ion: 98 Resp: 149693
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

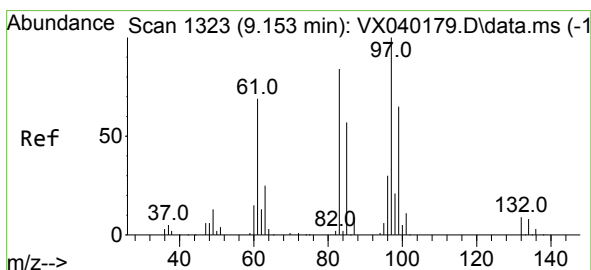
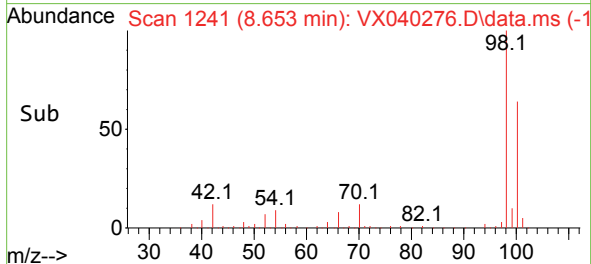
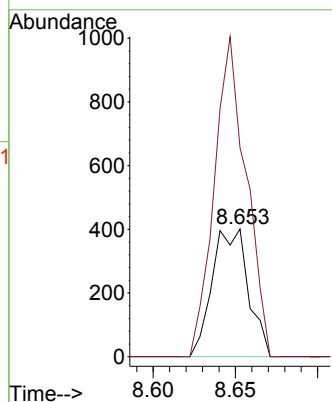
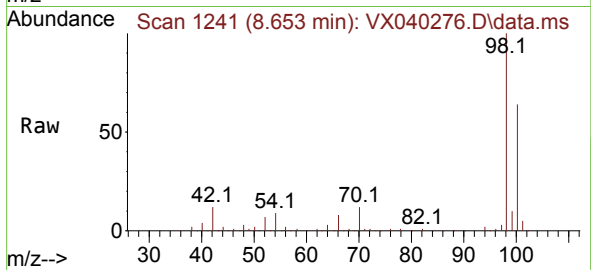




#51
4-Methyl-2-Pentanone
Concen: 0.428 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

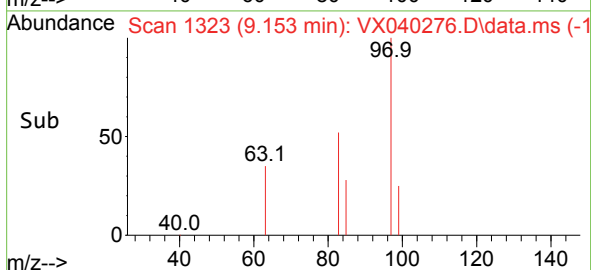
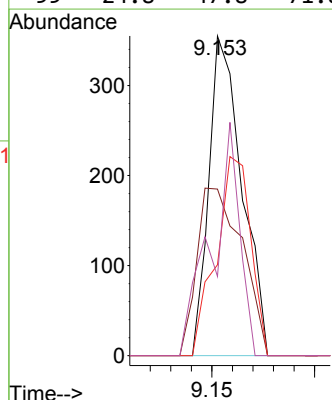
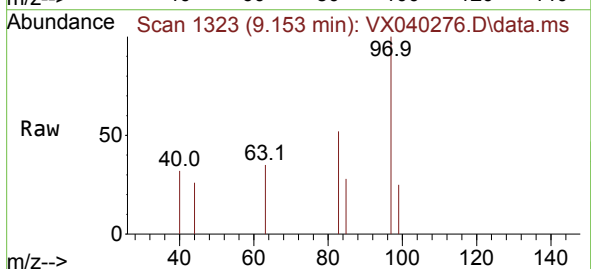
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20240214

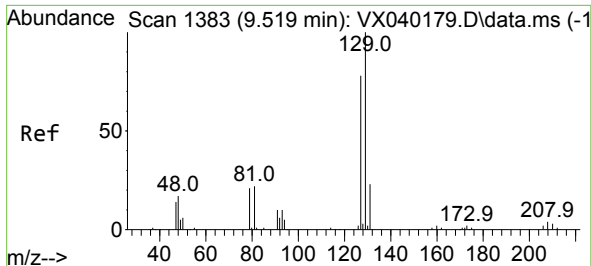
Tgt Ion: 43 Resp: 612
Ion Ratio Lower Upper
43 100
58 221.6 30.4 45.6#



#55
1,1,2-Trichloroethane
Concen: 0.422 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

Tgt Ion: 97 Resp: 397
Ion Ratio Lower Upper
97 100
83 52.1 65.8 98.8#
85 28.5 41.6 62.4#
99 24.8 47.8 71.8#

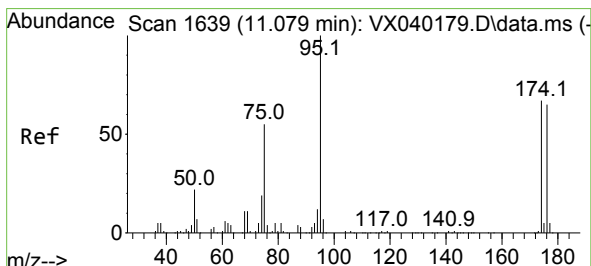
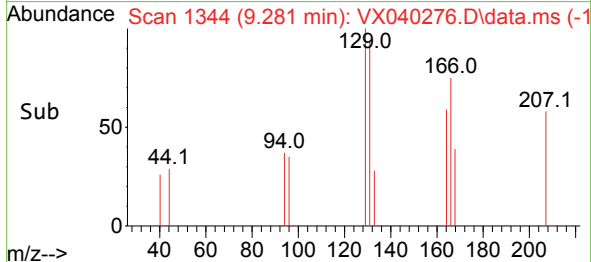
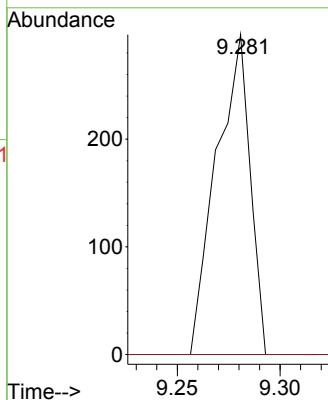
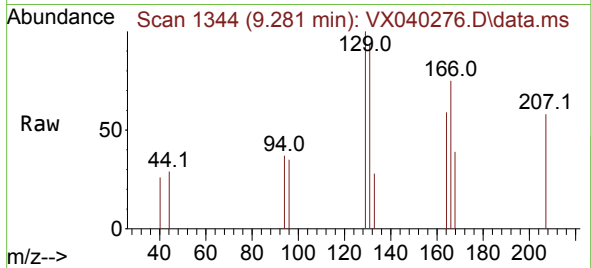




#60
Dibromochloromethane
Concen: 0.353 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.238 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

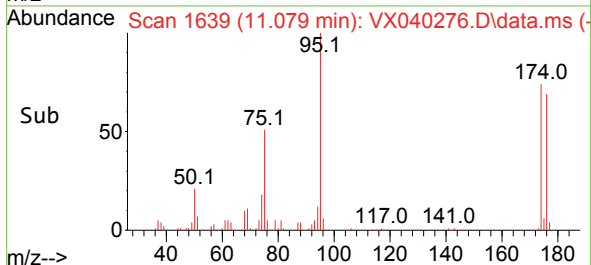
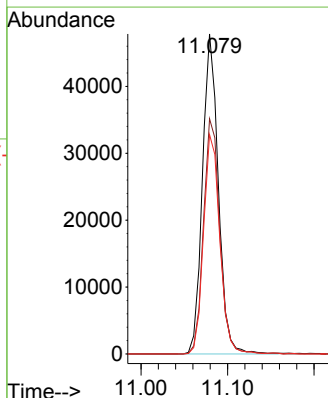
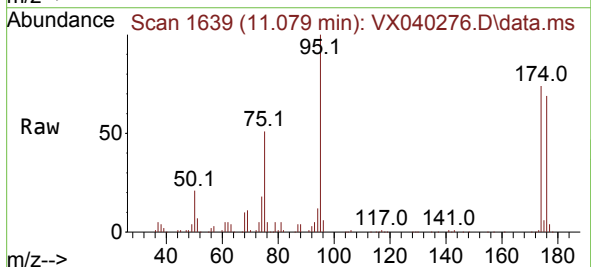
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20240214

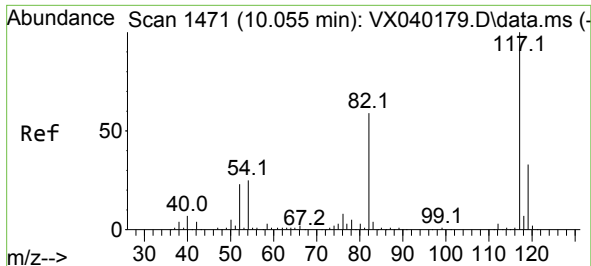
Tgt Ion:129 Resp: 338
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 46.412 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

Tgt Ion: 95 Resp: 60876
Ion Ratio Lower Upper
95 100
174 75.3 0.0 135.6
176 70.1 0.0 131.0

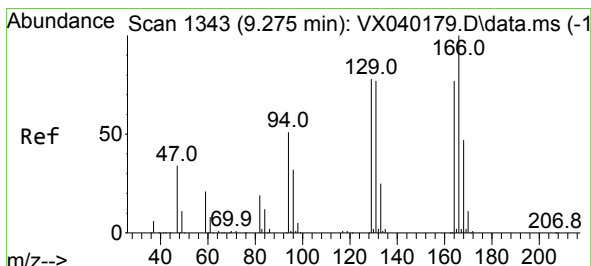
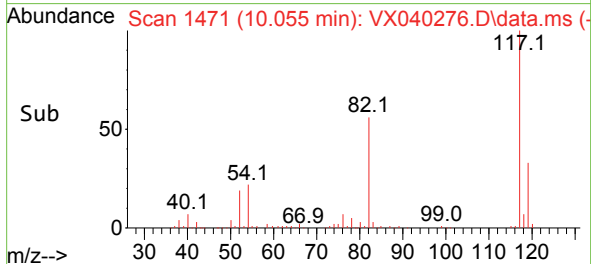
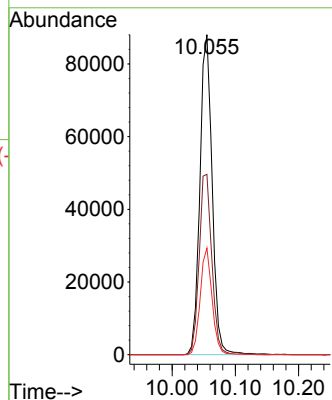
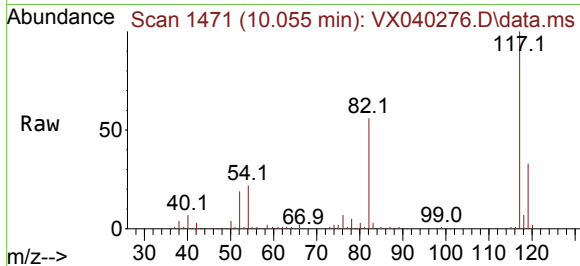




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

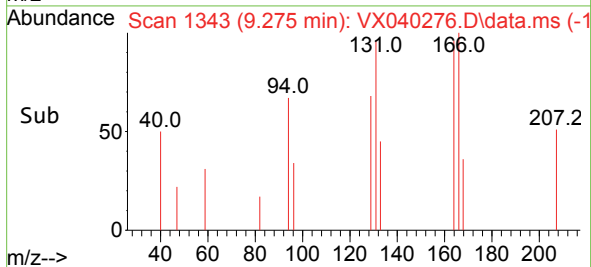
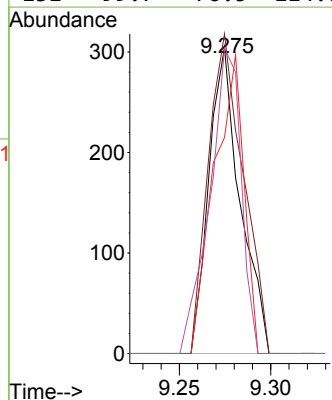
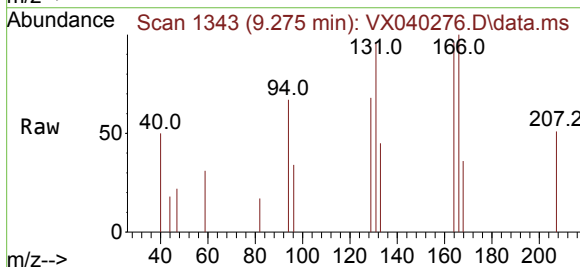
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20240214

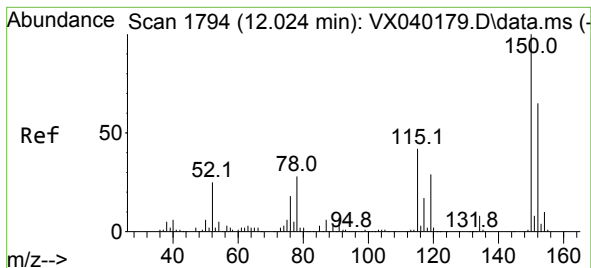
Tgt Ion:117 Resp: 119160
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 33.4 25.5 38.3



#64
Tetrachloroethene
Concen: 0.434 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

Tgt Ion:164 Resp: 362
Ion Ratio Lower Upper
164 100
166 104.3 102.7 154.1
129 70.5 80.4 120.6#
131 99.7 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040276.D

Acq: 16 Feb 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20240214

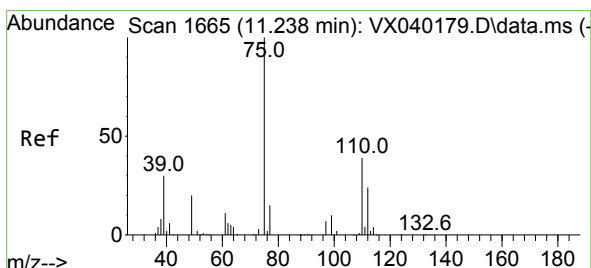
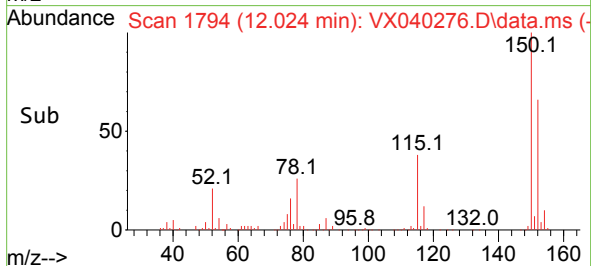
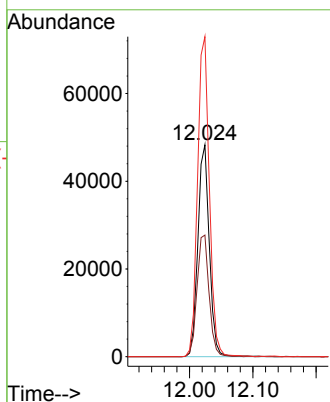
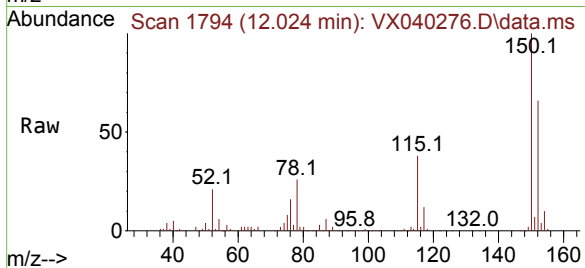
Tgt Ion:152 Resp: 60912

Ion Ratio Lower Upper

152 100

115 60.5 43.3 129.9

150 155.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.284 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040276.D

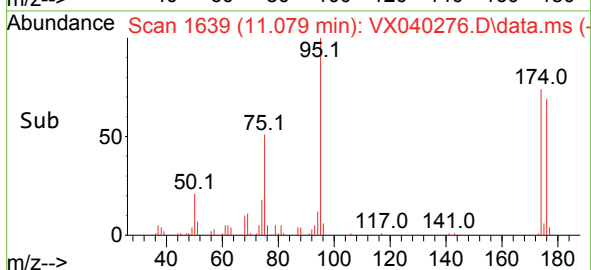
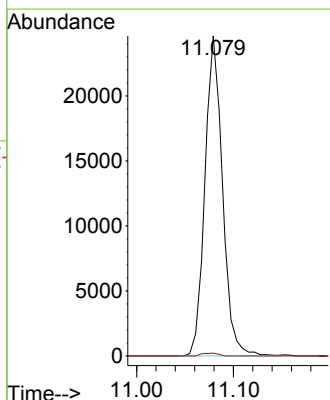
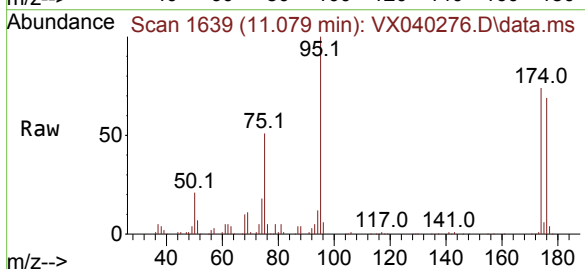
Acq: 16 Feb 2024 14:22

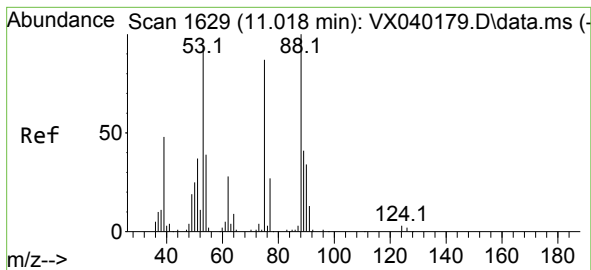
Tgt Ion: 75 Resp: 31188

Ion Ratio Lower Upper

75 100

77 0.8 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.510 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040276.D
 Acq: 16 Feb 2024 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20240214

Tgt Ion: 75 Resp: 31188
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

