

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040275.D
 Acq On : 16 Feb 2024 13:59
 Operator : JC/MD
 Sample : P1507-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20240214

Quant Time: Feb 17 01:35:32 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)

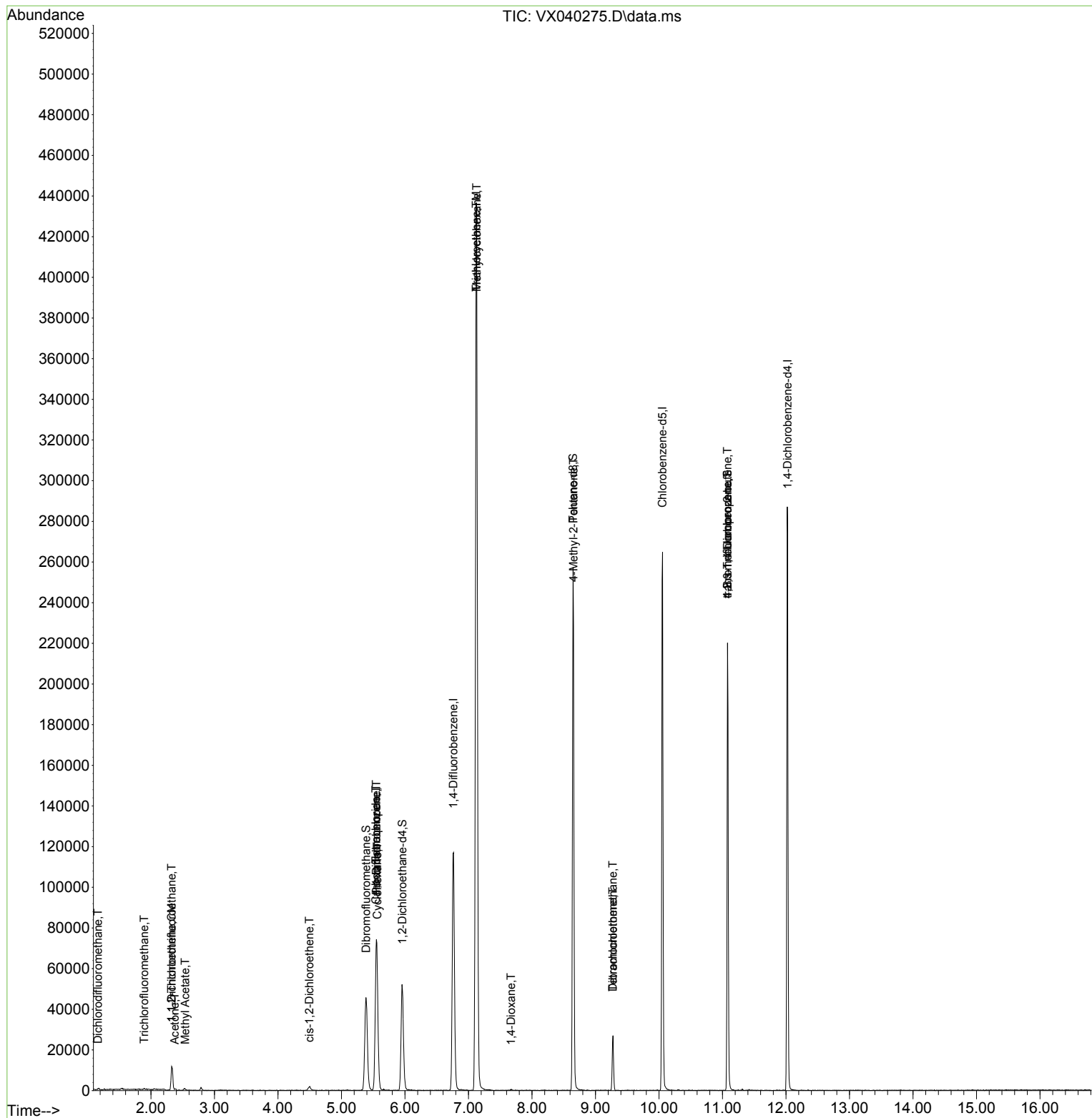
Internal Standards						
1) Pentafluorobenzene	5.550	168	71630	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	121091	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49267	46.232	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.460%
35) Dibromofluoromethane	5.385	113	40028	47.335	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.660%
50) Toluene-d8	8.647	98	148347	46.897	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.800%
62) 4-Bromofluorobenzene	11.079	95	57296	44.412	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.820%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	354	0.438	ug/l	89
7) Trichlorofluoromethane	1.892	101	348	0.246	ug/l	# 70
9) 1,1,2-Trichlorotrifluo...	2.325	101	4128	5.435	ug/l	90
12) 1,1-Dichloroethene	2.325	96	569	0.778	ug/l	79
16) Acetone	2.374	43	720	1.645	ug/l	95
18) Methyl Acetate	2.538	43	293	0.250	ug/l	# 53
20) Methylene Chloride	2.788	84	586	Below Cal	#	93
27) cis-1,2-Dichloroethene	4.495	96	1297	1.365	ug/l	81
31) Cyclohexane	5.562	56	1485	1.168	ug/l	# 25
36) 1,1-Dichloropropene	5.550	75	5694	4.807	ug/l	# 50
38) Carbon Tetrachloride	5.544	117	7102	6.306	ug/l	# 15
39) Methylcyclohexane	7.129	83	1866	1.355	ug/l	# 1
44) Trichloroethene	7.123	130	163918	179.387	ug/l	98
49) 1,4-Dioxane	7.672	88	333	14.539	ug/l	# 91
51) 4-Methyl-2-Pentanone	8.653	43	674	0.480	ug/l	# 1
60) Dibromochloromethane	9.275	129	4522	4.796	ug/l	# 11
64) Tetrachloroethene	9.275	164	4590	5.513	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	30378	25.132	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	30378	69.114	ug/l	# 5

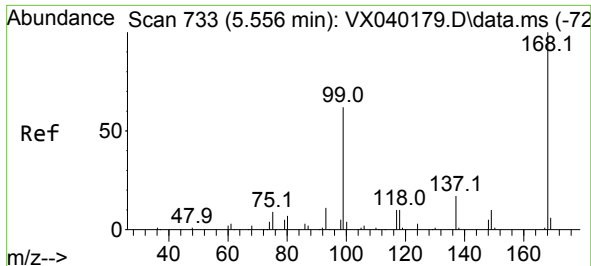
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE132D4-20240214

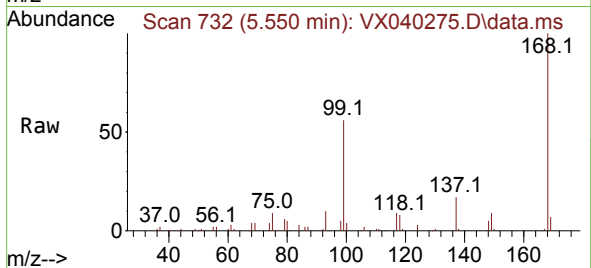
Quant Time: Feb 17 01:35:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration



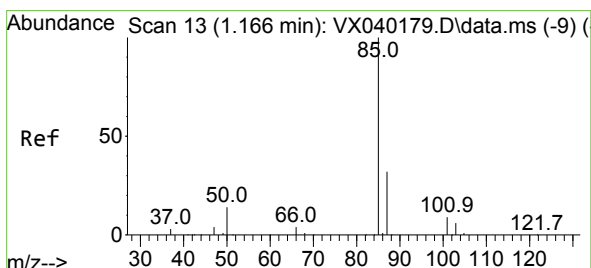
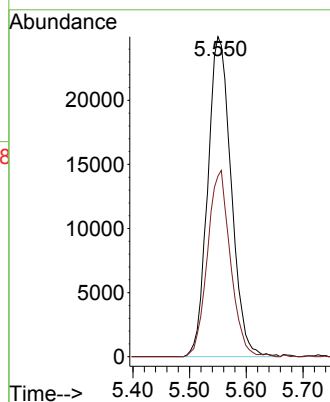
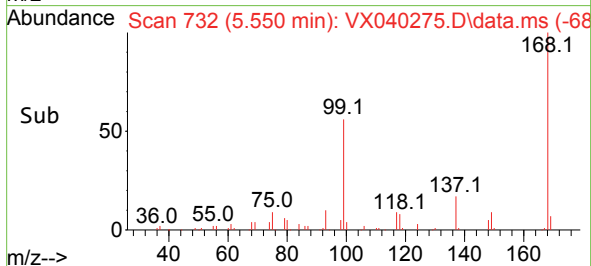


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040275.D
Acq: 16 Feb 2024 13:59

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20240214

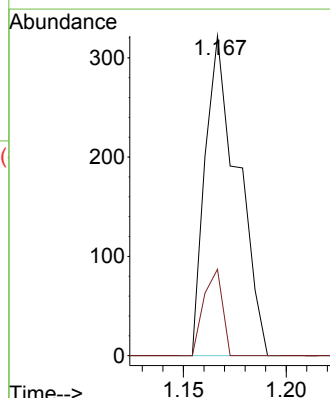
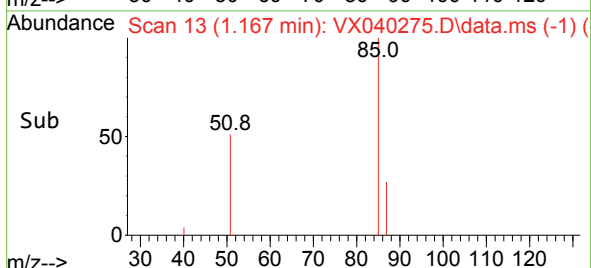
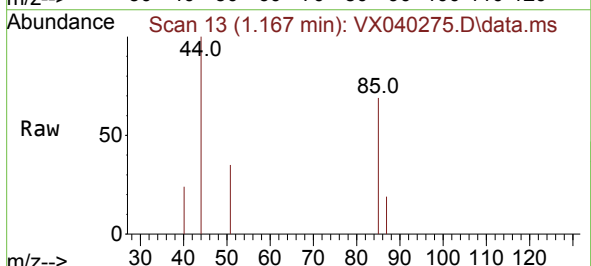


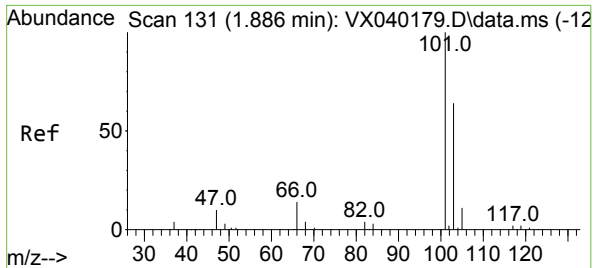
Tgt Ion:168 Resp: 71630
Ion Ratio Lower Upper
168 100
99 56.5 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 0.438 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040275.D
Acq: 16 Feb 2024 13:59

Tgt Ion: 85 Resp: 354
Ion Ratio Lower Upper
85 100
87 27.0 16.7 50.1

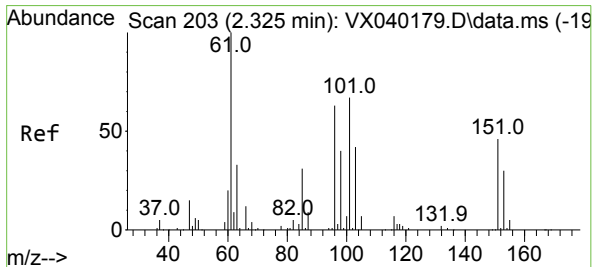
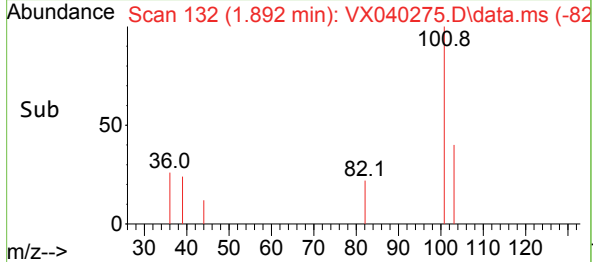
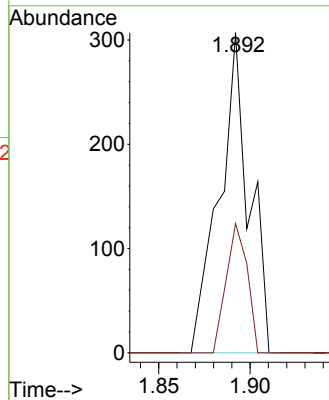
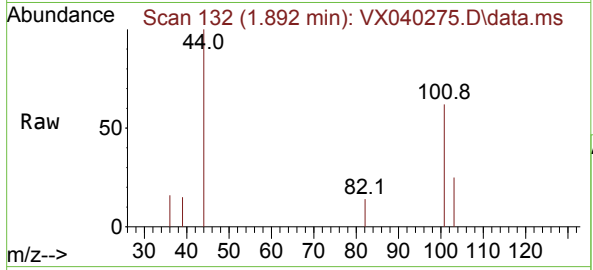




#7
 Trichlorofluoromethane
 Concen: 0.246 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040275.D
 Acq: 16 Feb 2024 13:59

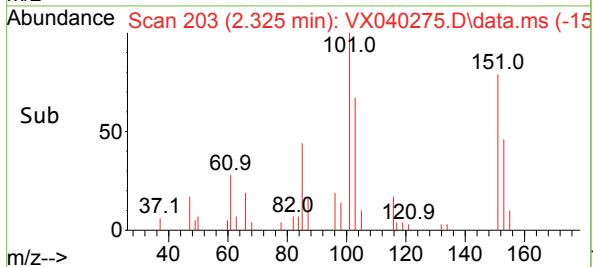
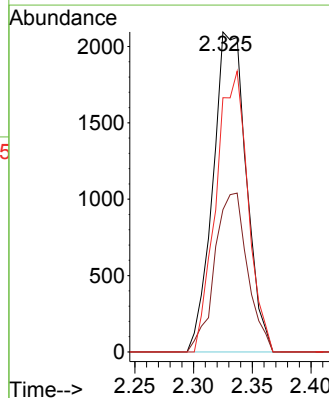
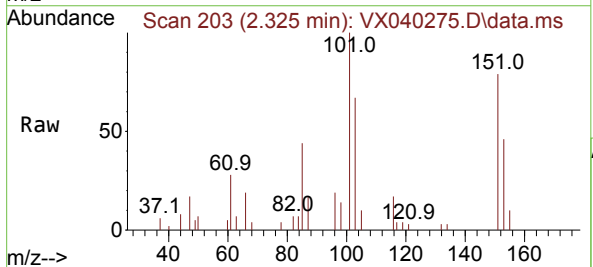
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20240214

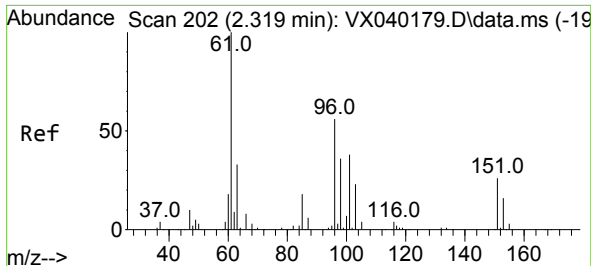
Tgt Ion:101 Resp: 348
 Ion Ratio Lower Upper
 101 100
 103 40.4 51.4 77.2#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.435 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.000 min
 Lab File: VX040275.D
 Acq: 16 Feb 2024 13:59

Tgt Ion:101 Resp: 4128
 Ion Ratio Lower Upper
 101 100
 85 49.0 37.0 55.6
 151 84.1 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.778 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX040275.D

Acq: 16 Feb 2024 13:59

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20240214

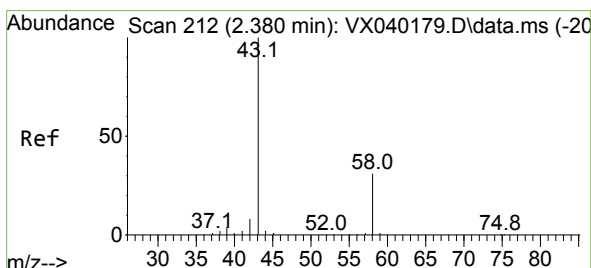
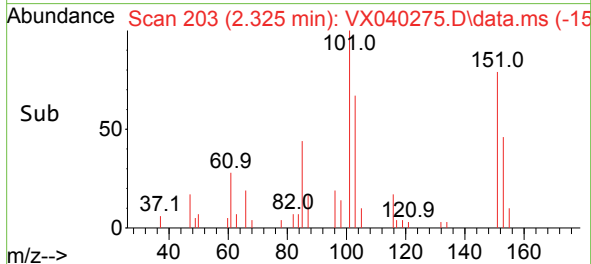
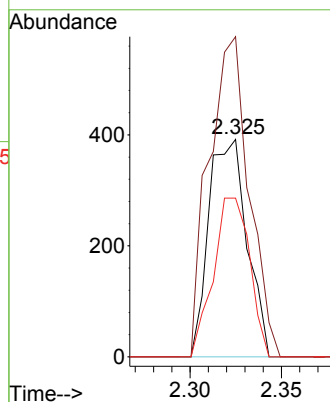
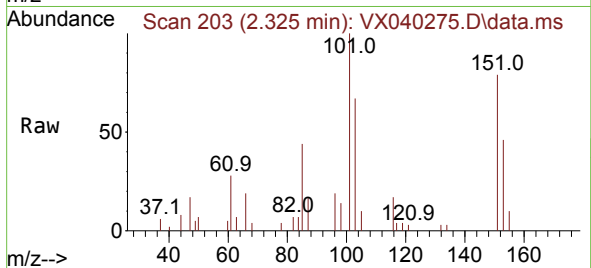
Tgt Ion: 96 Resp: 569

Ion Ratio Lower Upper

96 100

61 147.2 144.6 216.8

98 73.0 50.4 75.6



#16

Acetone

Concen: 1.645 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX040275.D

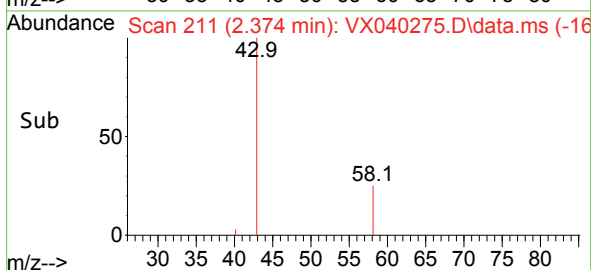
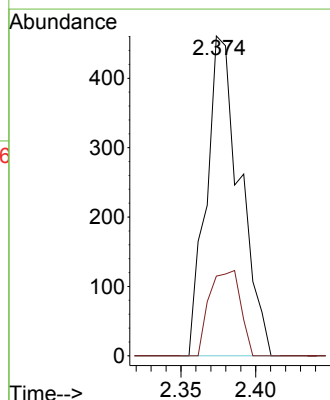
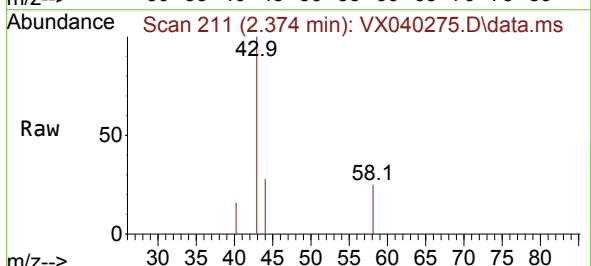
Acq: 16 Feb 2024 13:59

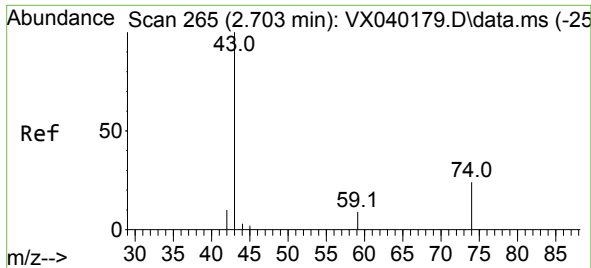
Tgt Ion: 43 Resp: 720

Ion Ratio Lower Upper

43 100

58 24.9 21.9 32.9





#18

Methyl Acetate

Concen: 0.250 ug/l

RT: 2.538 min Scan# 21

Delta R.T. -0.164 min

Lab File: VX040275.D

Acq: 16 Feb 2024 13:59

Instrument :

MSVOA_X

ClientSampleId :

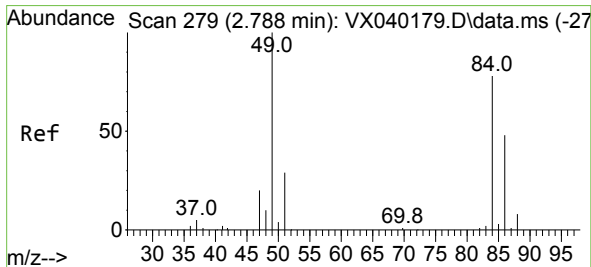
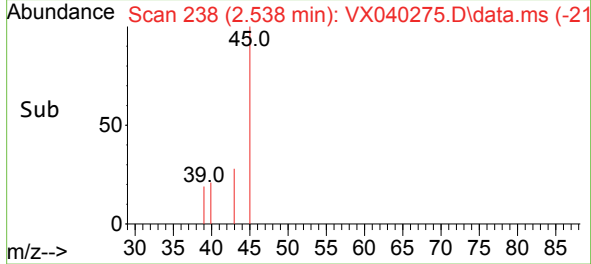
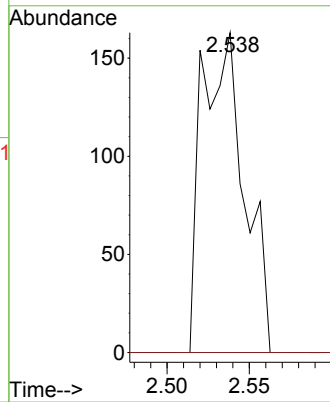
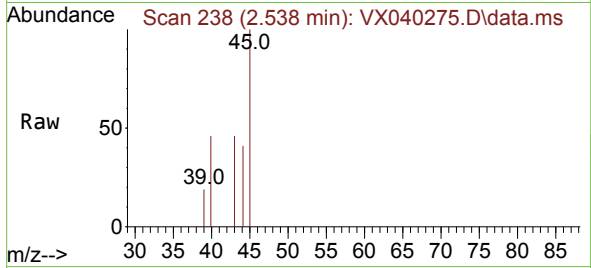
RE132D4-20240214

Tgt Ion: 43 Resp: 293

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX040275.D

Acq: 16 Feb 2024 13:59

Tgt Ion: 84 Resp: 586

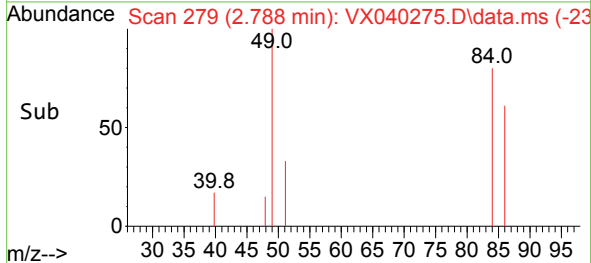
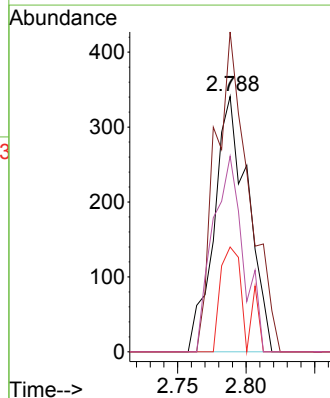
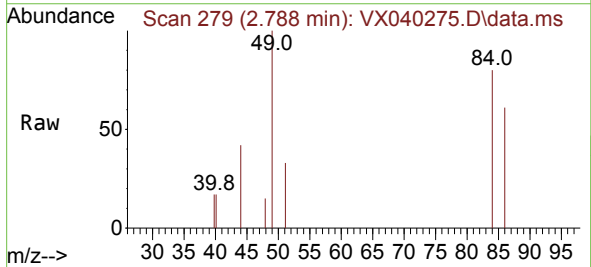
Ion Ratio Lower Upper

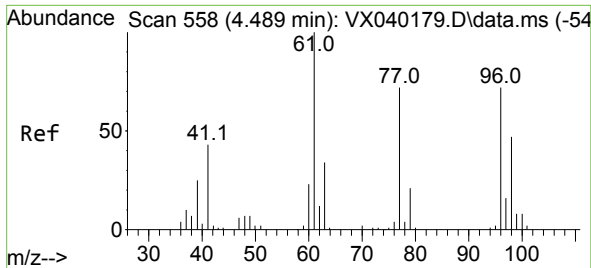
84 100

49 125.2 103.6 155.4

51 41.1 33.8 50.6

86 76.5 49.4 74.0#

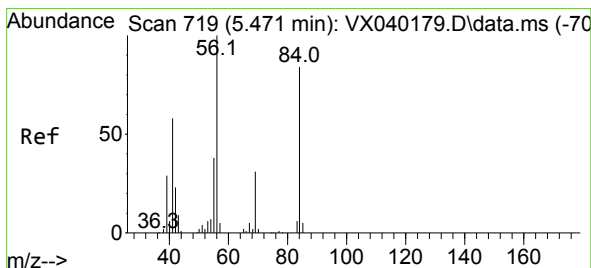
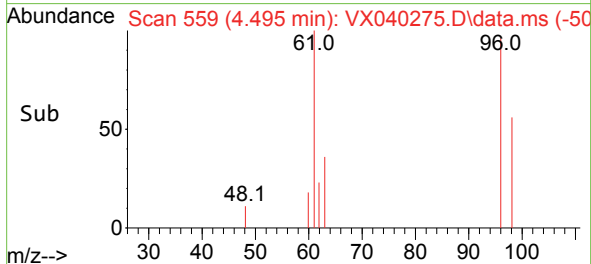
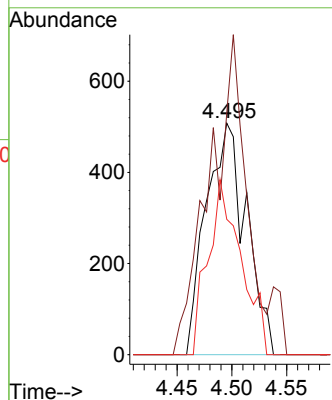
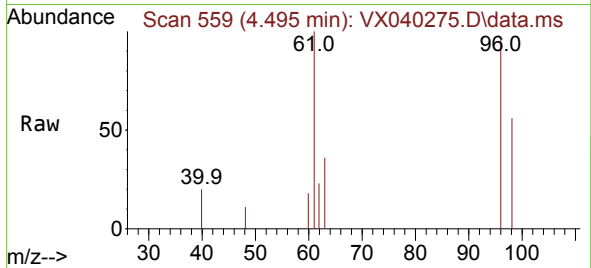




#27
 cis-1,2-Dichloroethene
 Concen: 1.365 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX040275.D
 Acq: 16 Feb 2024 13:59

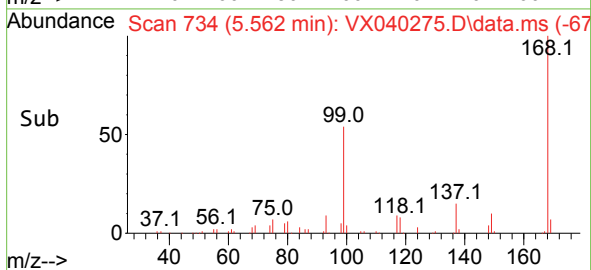
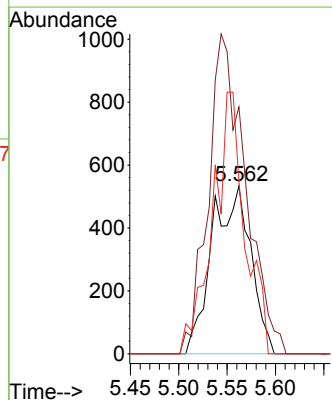
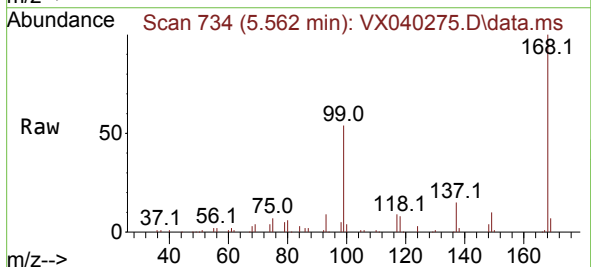
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20240214

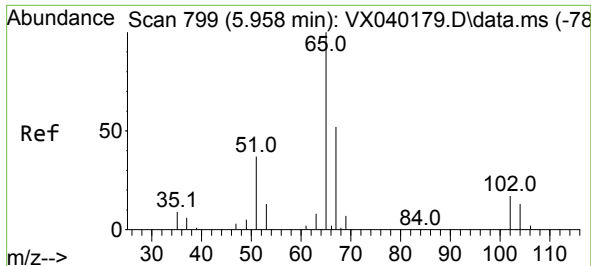
Tgt Ion: 96	Resp:	1297	
Ion	Ratio	Lower	Upper
96	100		
61	123.7	0.0	312.2
98	62.0	0.0	129.0



#31
 Cyclohexane
 Concen: 1.168 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. 0.092 min
 Lab File: VX040275.D
 Acq: 16 Feb 2024 13:59

Tgt Ion: 56	Resp:	1485	
Ion	Ratio	Lower	Upper
56	100		
69	147.3	23.4	35.2#
84	103.0	65.9	98.9#

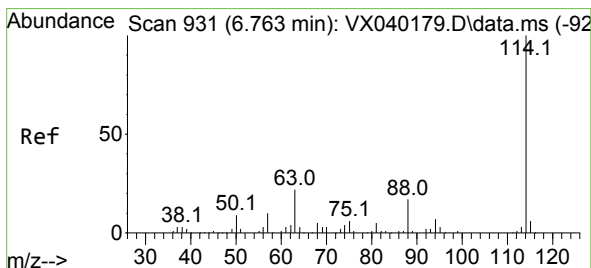
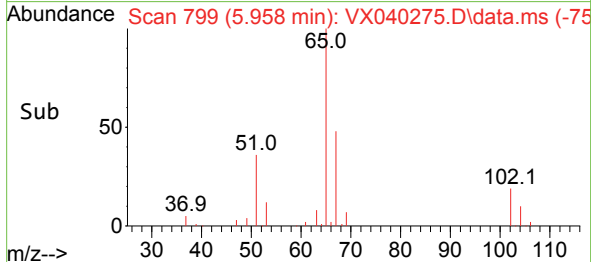
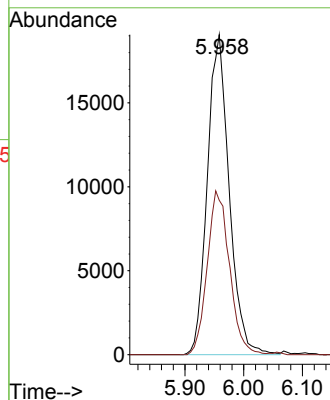
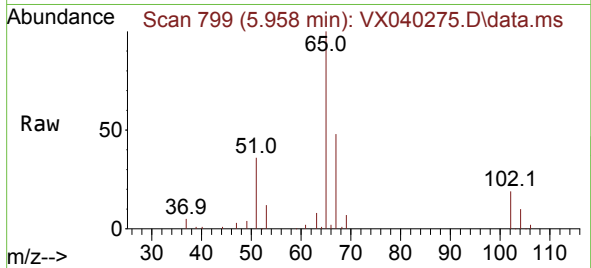




#33
1,2-Dichloroethane-d4
Concen: 46.232 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040275.D
Acq: 16 Feb 2024 13:59

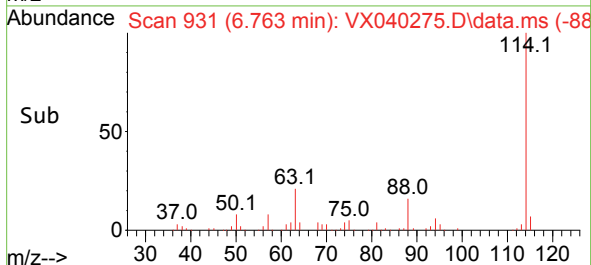
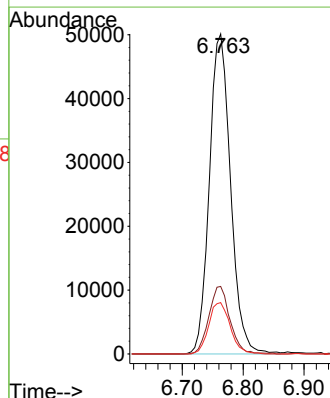
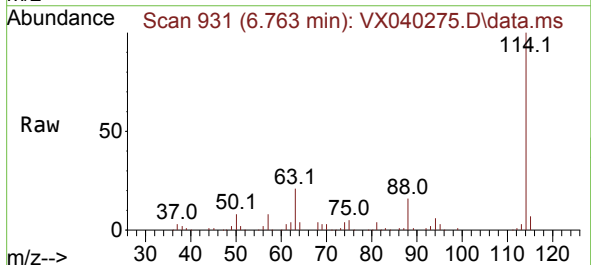
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20240214

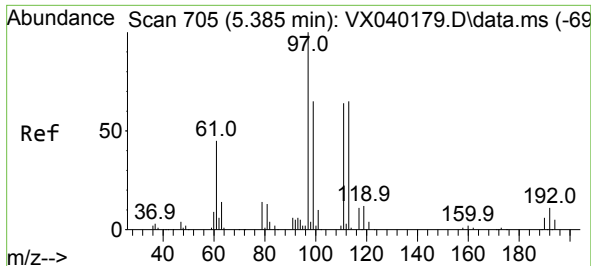
Tgt Ion: 65 Resp: 49267
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX040275.D
Acq: 16 Feb 2024 13:59

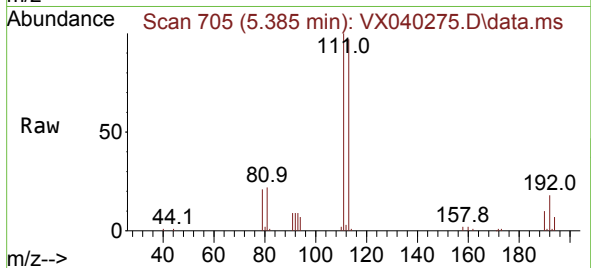
Tgt Ion: 114 Resp: 121091
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 16.0 0.0 36.6



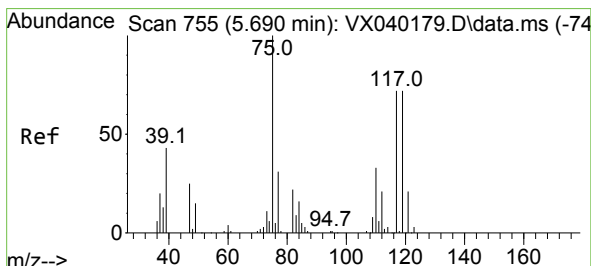
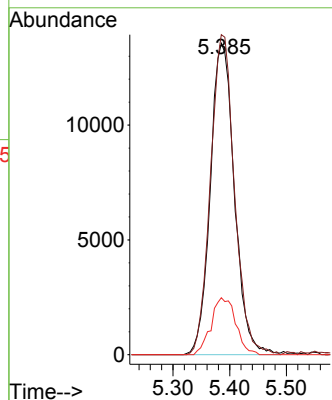
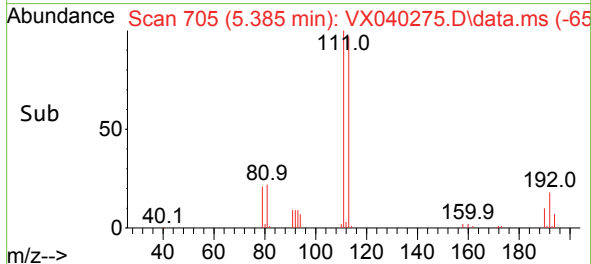


#35
Dibromofluoromethane
Concen: 47.335 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040275.D
Acq: 16 Feb 2024 13:59

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20240214

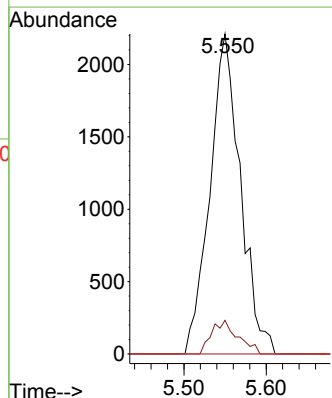
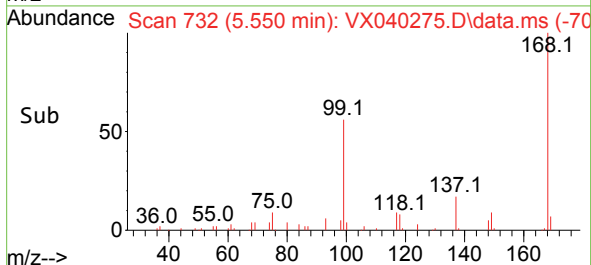
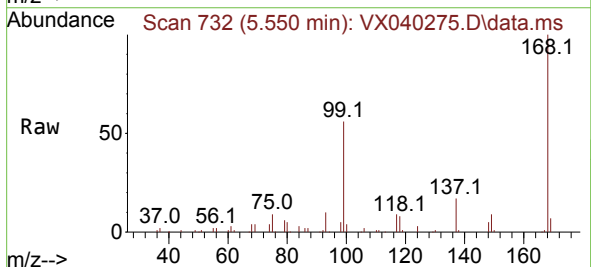


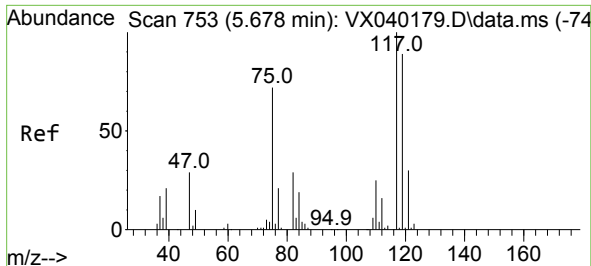
Tgt Ion:113 Resp: 40028
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.807 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX040275.D
Acq: 16 Feb 2024 13:59

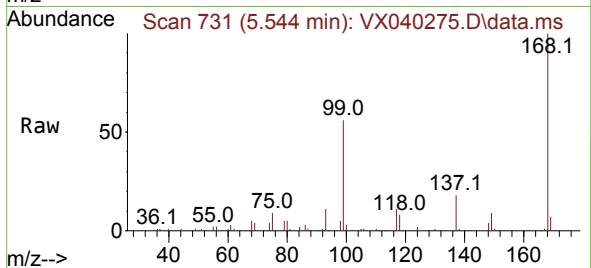
Tgt Ion: 75 Resp: 5694
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



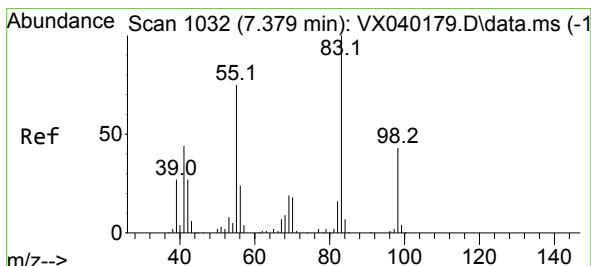
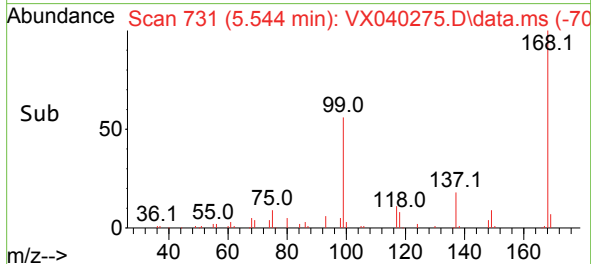
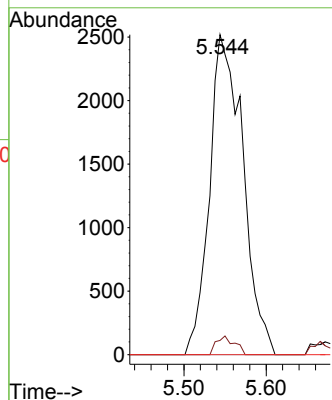


#38
Carbon Tetrachloride
Concen: 6.306 ug/l
RT: 5.544 min Scan# 710
Delta R.T. -0.128 min
Lab File: VX040275.D
Acq: 16 Feb 2024 13:59

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20240214

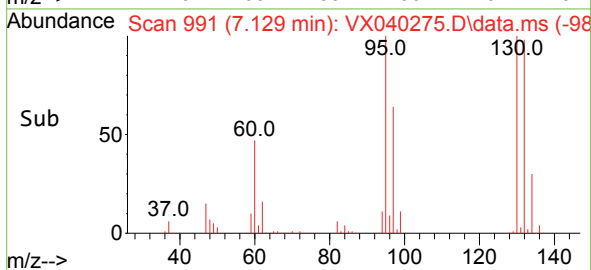
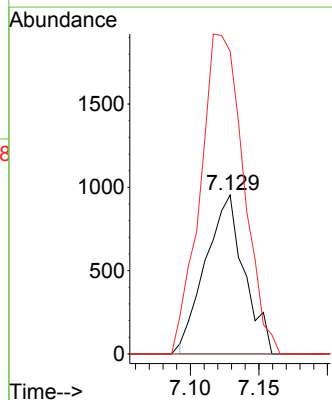
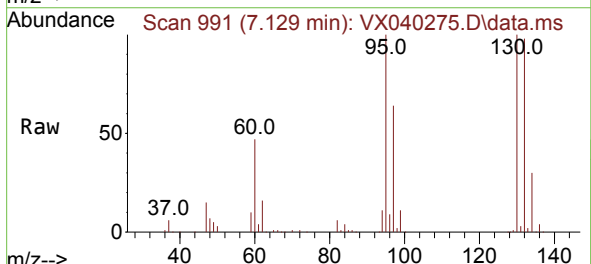


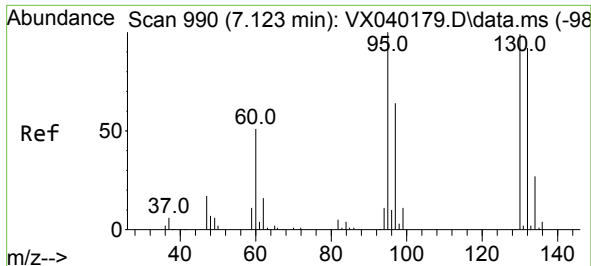
Tgt Ion:117 Resp: 7102
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 1.355 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.250 min
Lab File: VX040275.D
Acq: 16 Feb 2024 13:59

Tgt Ion: 83 Resp: 1866
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 190.6 36.7 55.1#

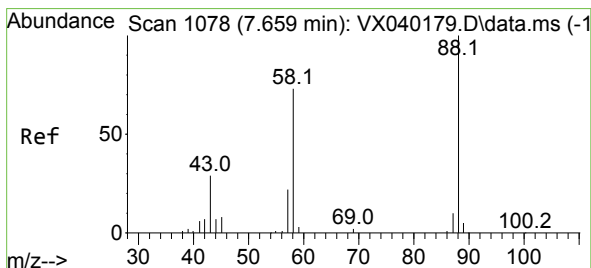
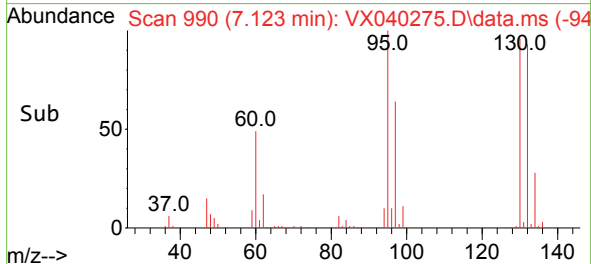
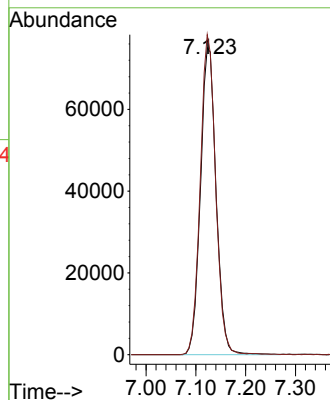
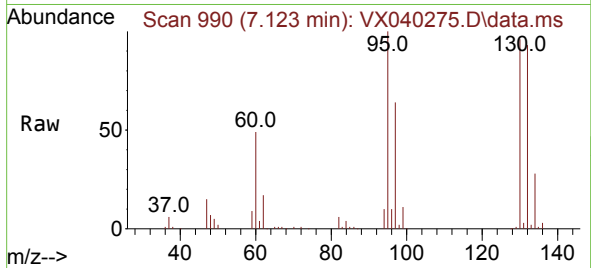




#44
Trichloroethene
Concen: 179.387 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040275.D
Acq: 16 Feb 2024 13:59

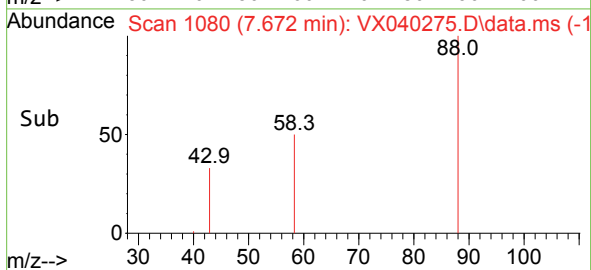
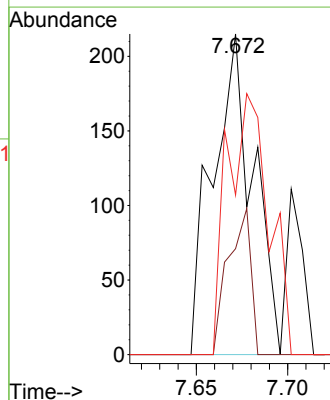
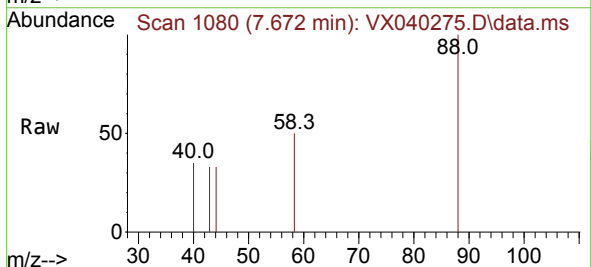
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20240214

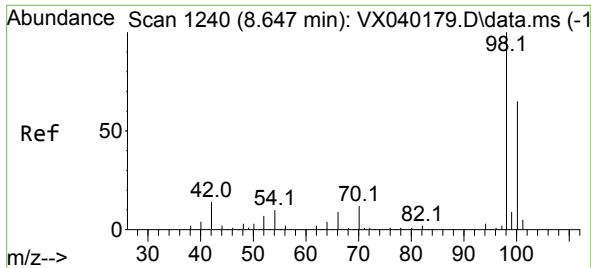
Tgt Ion:130 Resp: 163918
Ion Ratio Lower Upper
130 100
95 104.3 0.0 204.4



#49
1,4-Dioxane
Concen: 14.539 ug/l
RT: 7.672 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX040275.D
Acq: 16 Feb 2024 13:59

Tgt Ion: 88 Resp: 333
Ion Ratio Lower Upper
88 100
43 25.5 0.0 0.0#
58 83.2 60.1 90.1

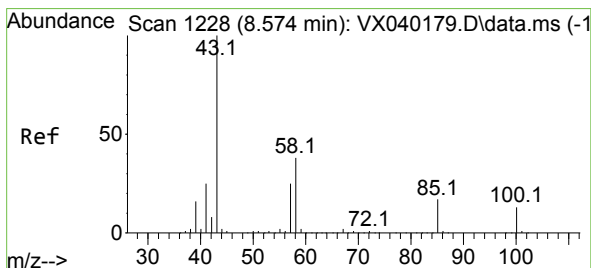
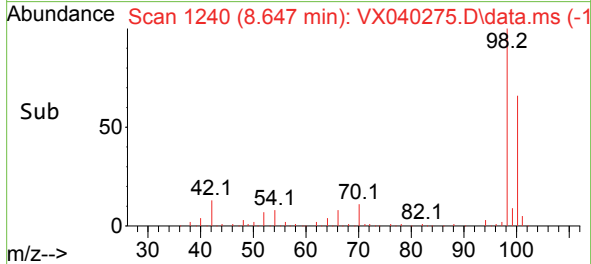
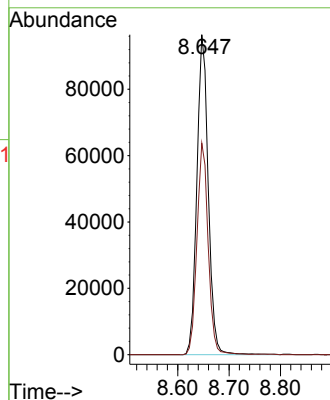
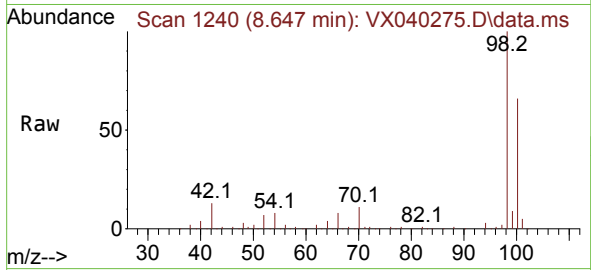




#50
Toluene-d8
Concen: 46.897 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040275.D
Acq: 16 Feb 2024 13:59

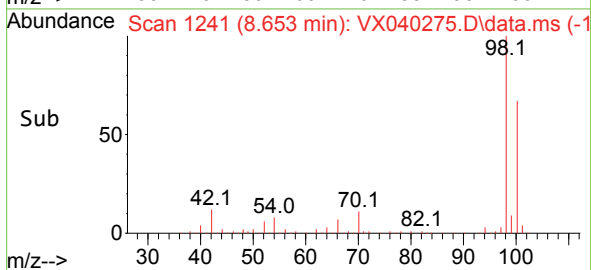
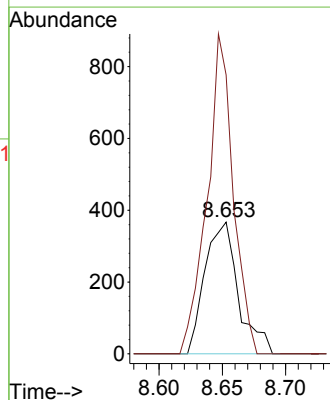
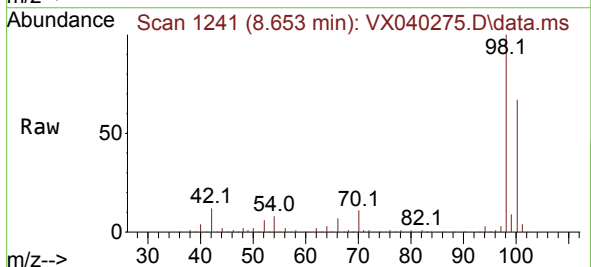
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20240214

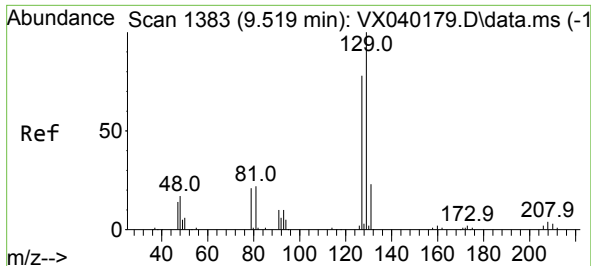
Tgt Ion: 98 Resp: 148347
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.480 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX040275.D
Acq: 16 Feb 2024 13:59

Tgt Ion: 43 Resp: 674
Ion Ratio Lower Upper
43 100
58 189.8 30.4 45.6#

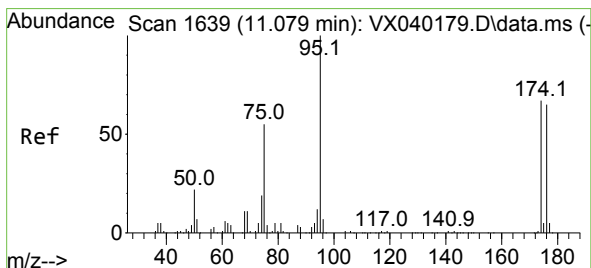
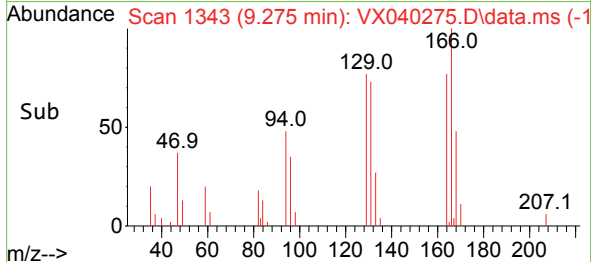
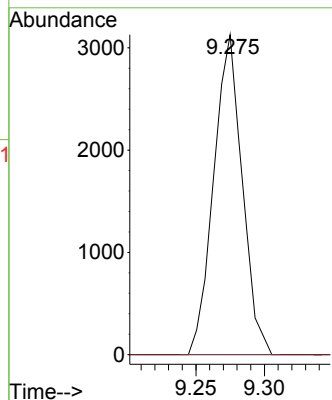
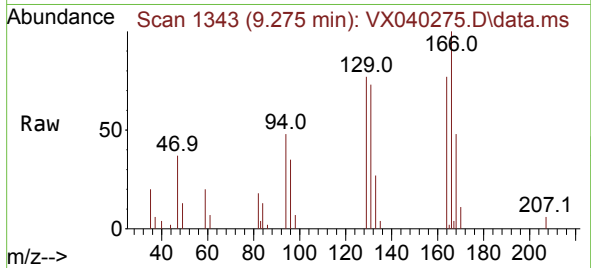




#60
Dibromochloromethane
Concen: 4.796 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX040275.D
Acq: 16 Feb 2024 13:59

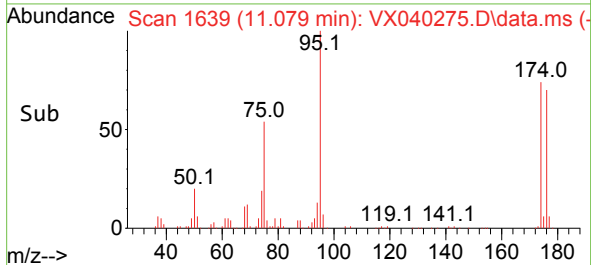
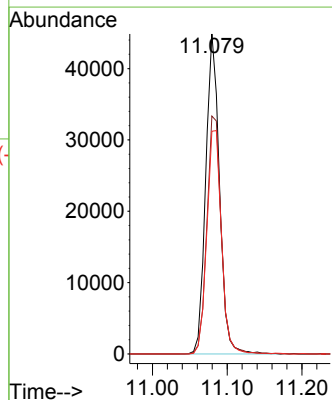
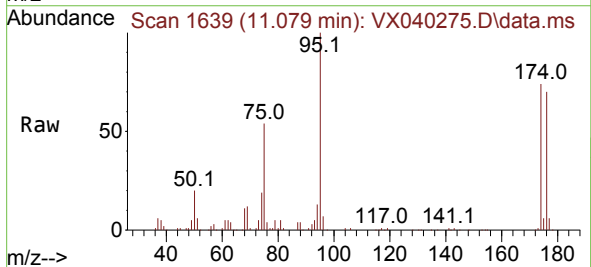
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20240214

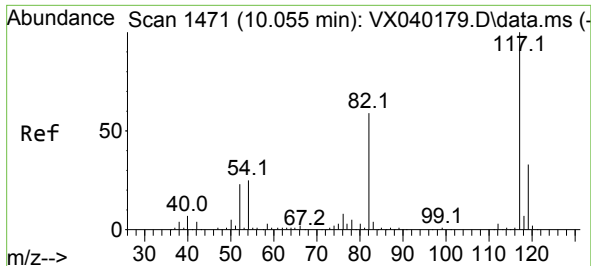
Tgt Ion:129 Resp: 4522
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 44.412 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040275.D
Acq: 16 Feb 2024 13:59

Tgt Ion: 95 Resp: 57296
Ion Ratio Lower Upper
95 100
174 77.9 0.0 135.6
176 74.6 0.0 131.0

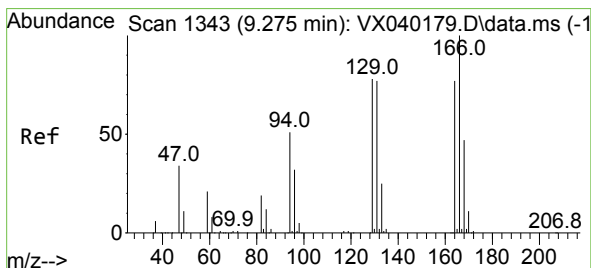
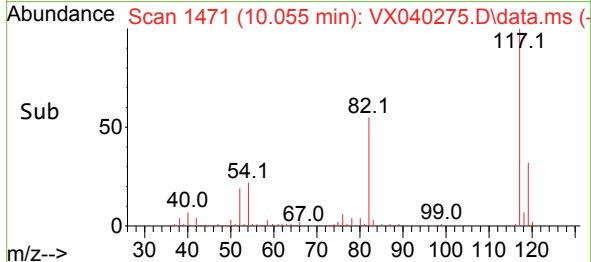
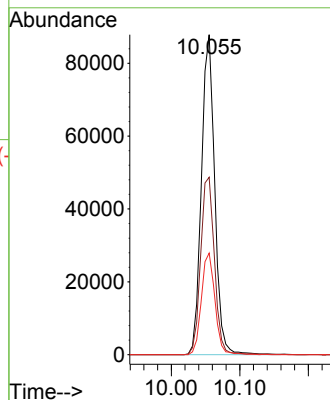
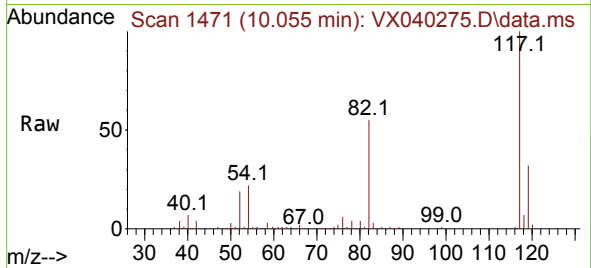




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040275.D
Acq: 16 Feb 2024 13:59

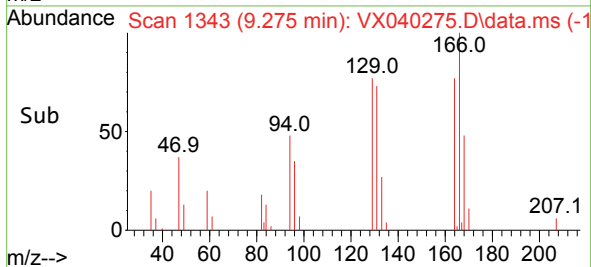
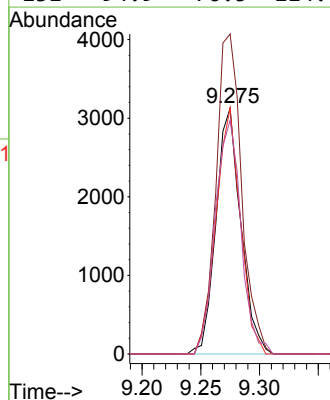
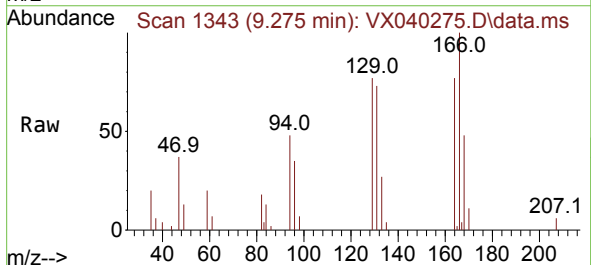
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20240214

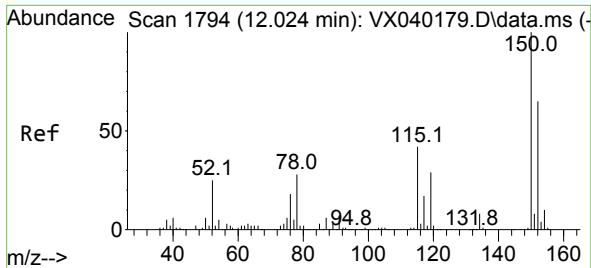
Tgt Ion:117 Resp: 118813
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 5.513 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040275.D
Acq: 16 Feb 2024 13:59

Tgt Ion:164 Resp: 4590
Ion Ratio Lower Upper
164 100
166 130.2 102.7 154.1
129 100.0 80.4 120.6
131 94.9 76.5 114.7

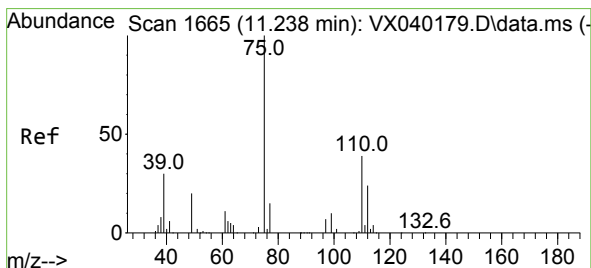
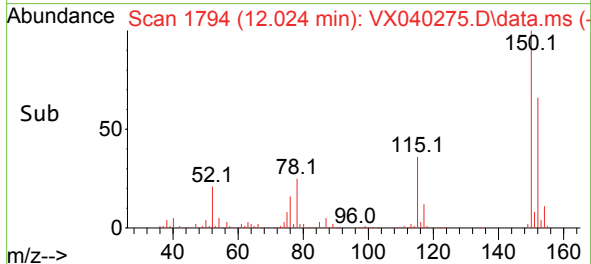
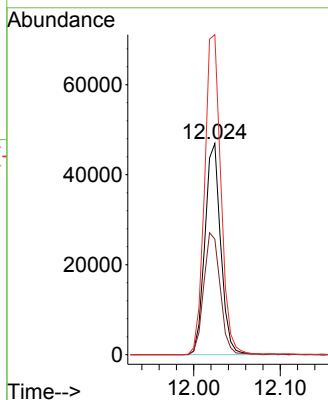
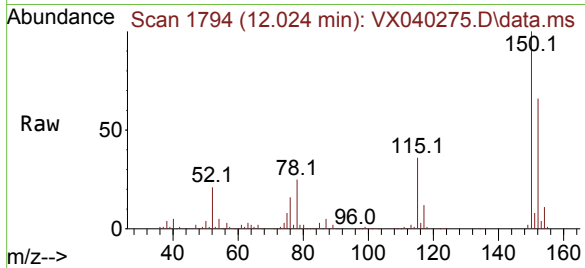




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040275.D
 Acq: 16 Feb 2024 13:59

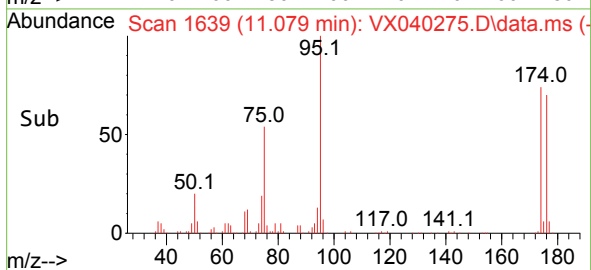
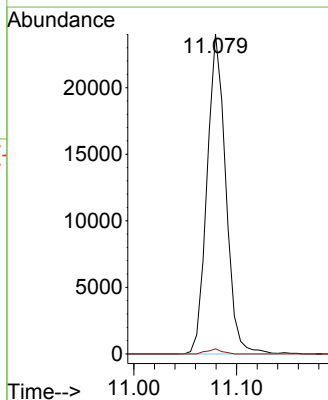
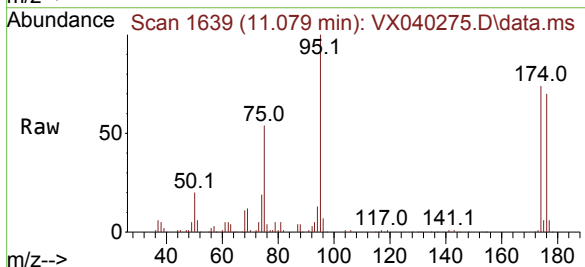
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20240214

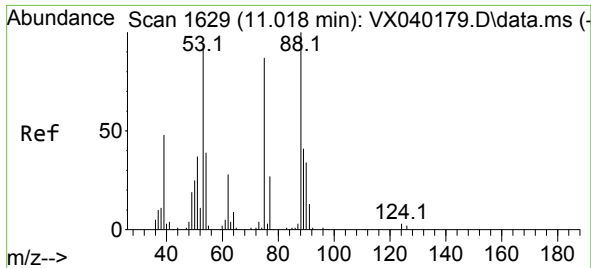
Tgt Ion:152 Resp: 59689
 Ion Ratio Lower Upper
 152 100
 115 60.0 43.3 129.9
 150 156.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.132 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX040275.D
 Acq: 16 Feb 2024 13:59

Tgt Ion: 75 Resp: 30378
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.114 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040275.D
 Acq: 16 Feb 2024 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20240214

Tgt Ion: 75 Resp: 30378
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.2 36.9 55.3#

