

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050624\
 Data File : VX041373.D
 Acq On : 06 May 2024 12:48
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 07 01:58:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

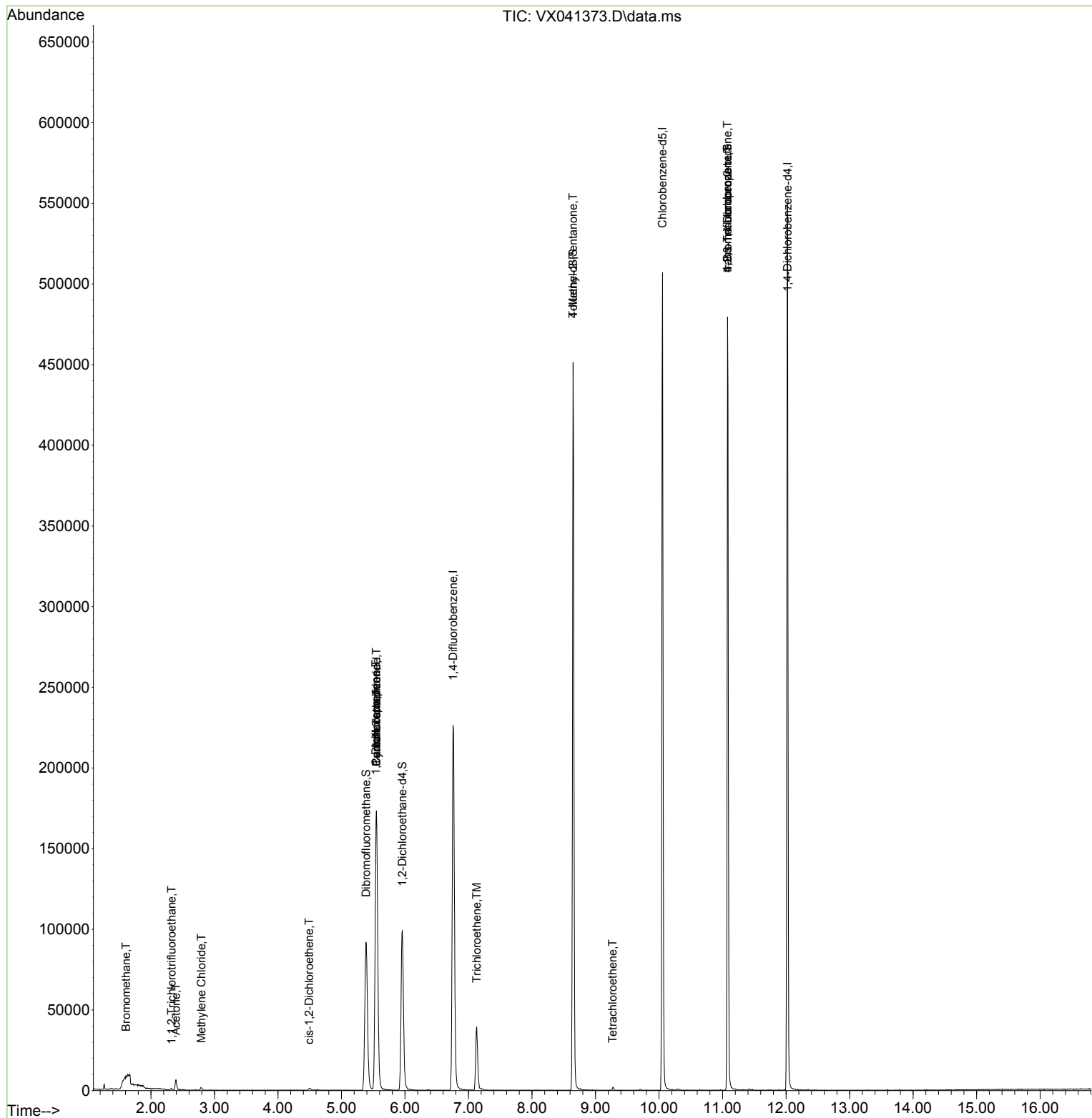
Internal Standards						
1) Pentafluorobenzene	5.549	168	188054	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	246345	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100309	48.997	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.000%
35) Dibromofluoromethane	5.385	113	80017	47.931	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.860%
50) Toluene-d8	8.646	98	262053	49.595	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.200%
62) 4-Bromofluorobenzene	11.079	95	120142	58.738	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.480%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	656	0.687	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.324	101	378	0.256	ug/l #	89
16) Acetone	2.391	43	7294	4.246	ug/l	99
20) Methylene Chloride	2.794	84	841	0.473	ug/l	88
27) cis-1,2-Dichloroethene	4.489	96	802	0.416	ug/l	97
31) Cyclohexane	5.549	56	2946	1.192	ug/l #	12
36) 1,1-Dichloropropene	5.543	75	11498	5.760	ug/l #	52
38) Carbon Tetrachloride	5.549	117	16859	7.372	ug/l #	16
44) Trichloroethene	7.128	130	16529	10.172	ug/l	85
51) 4-Methyl-2-Pentanone	8.646	43	1186	0.528	ug/l #	1
64) Tetrachloroethene	9.268	164	417	0.246	ug/l #	75
76) 1,2,3-Trichloropropane	11.079	75	60850	28.621	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	60850	77.960	ug/l #	5

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

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Quant Time: May 07 01:58:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration

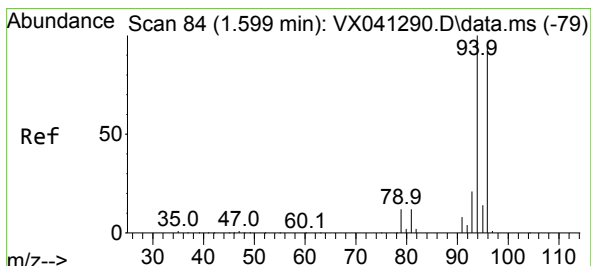
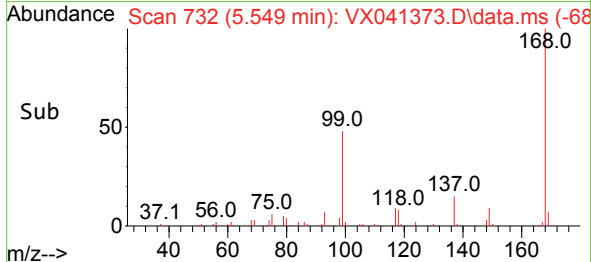
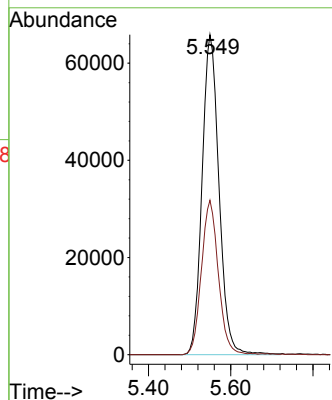
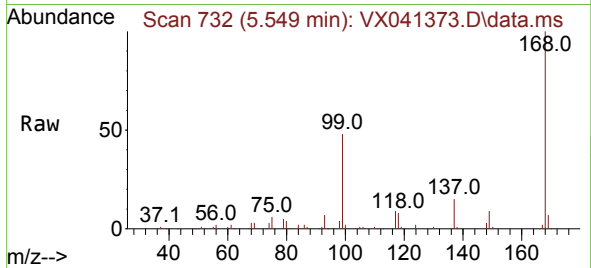




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX041373.D
Acq: 06 May 2024 12:48

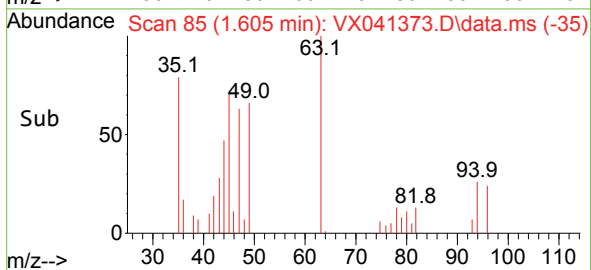
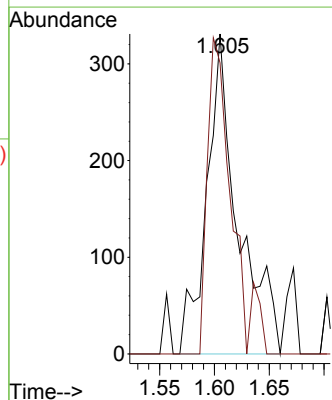
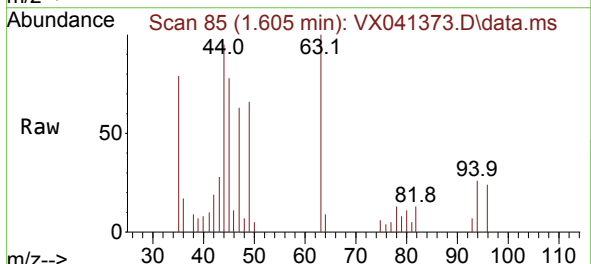
Instrument : MSVOA_X
ClientSampleId :

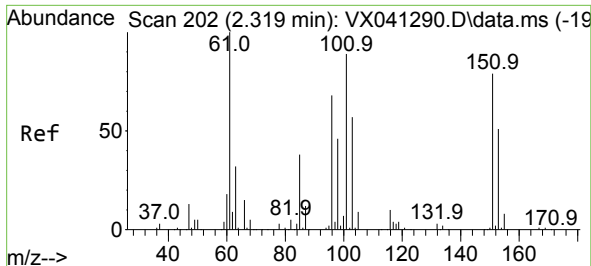
Tgt Ion:168 Resp: 188054
Ion Ratio Lower Upper
168 100
99 48.2 56.6 85.0#



#5
Bromomethane
Concen: 0.687 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX041373.D
Acq: 06 May 2024 12:48

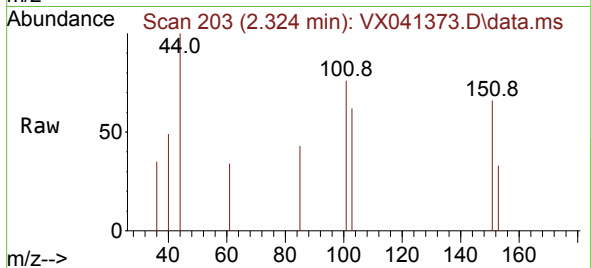
Tgt Ion: 94 Resp: 656
Ion Ratio Lower Upper
94 100
96 90.9 74.6 111.8



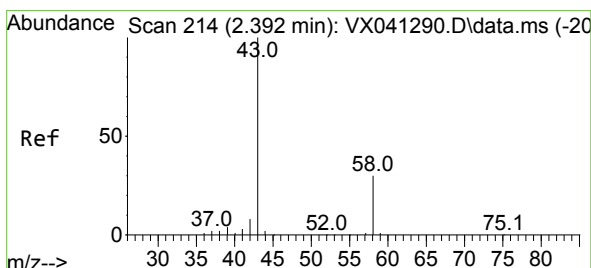
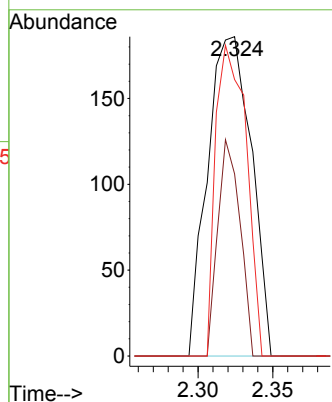
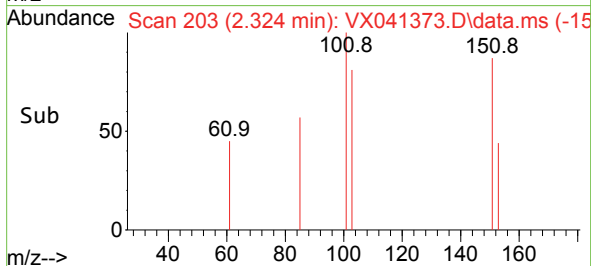


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.256 ug/l
RT: 2.324 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX041373.D
Acq: 06 May 2024 12:48

Instrument :
MSVOA_X
ClientSampleId :

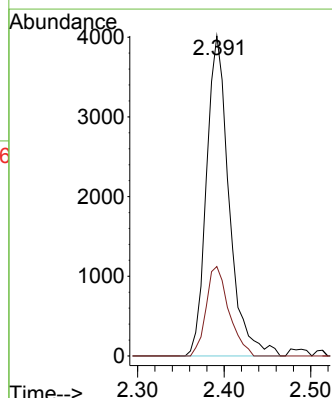
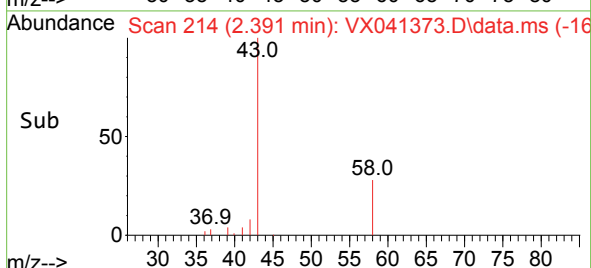
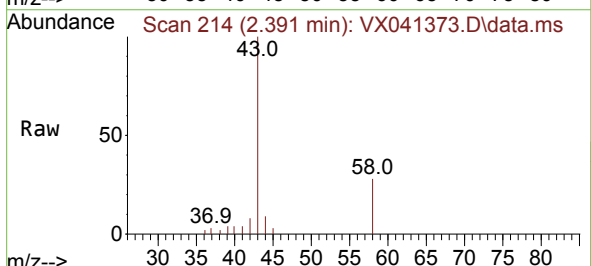


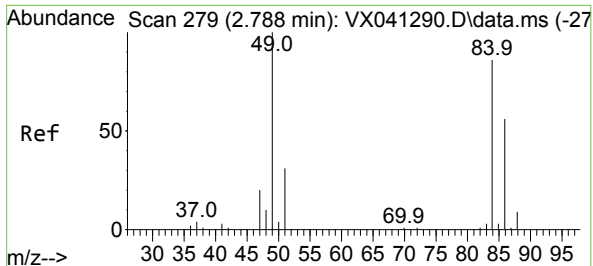
Tgt Ion:101 Resp: 378
Ion Ratio Lower Upper
101 100
85 34.7 37.0 55.6#
151 68.0 58.6 87.8



#16
Acetone
Concen: 4.246 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.001 min
Lab File: VX041373.D
Acq: 06 May 2024 12:48

Tgt Ion: 43 Resp: 7294
Ion Ratio Lower Upper
43 100
58 27.9 21.9 32.9





#20

Methylene Chloride

Concen: 0.473 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

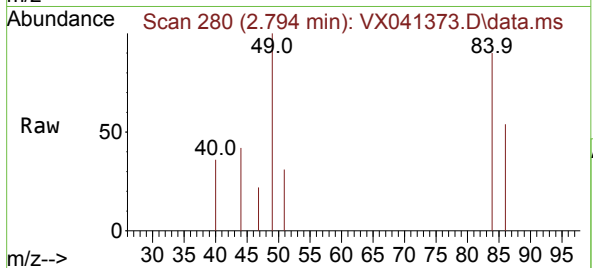
Lab File: VX041373.D

Acq: 06 May 2024 12:48

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 841

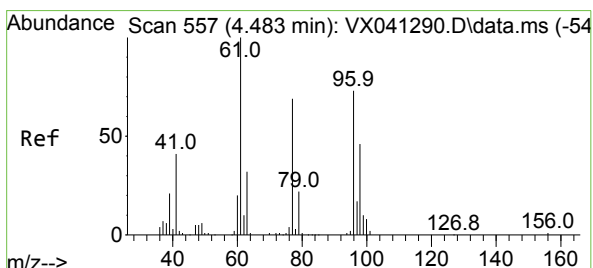
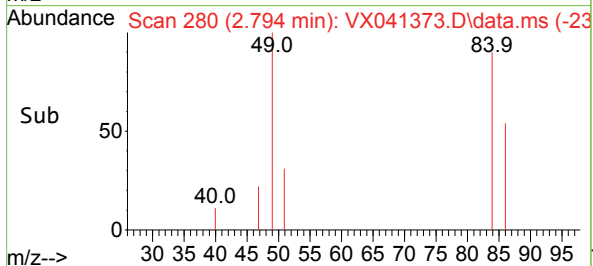
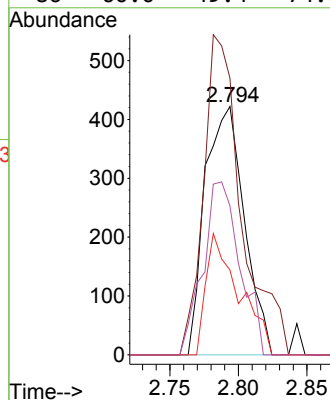
Ion Ratio Lower Upper

84 100

49 111.4 103.6 155.4

51 34.1 33.8 50.6

86 60.0 49.4 74.0



#27

cis-1,2-Dichloroethene

Concen: 0.416 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX041373.D

Acq: 06 May 2024 12:48

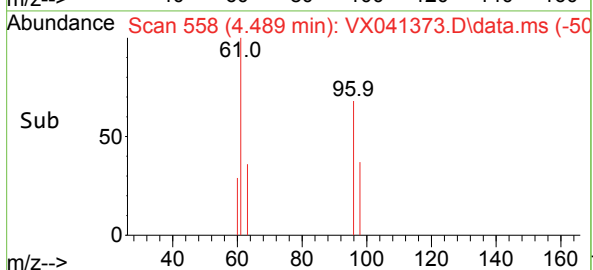
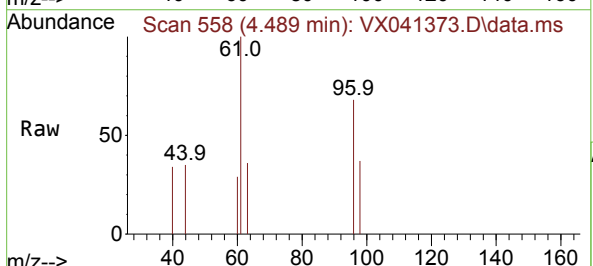
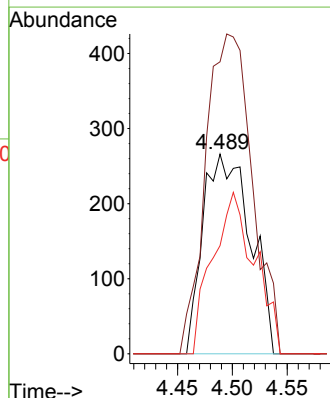
Tgt Ion: 96 Resp: 802

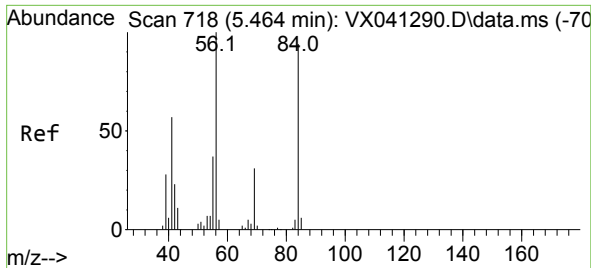
Ion Ratio Lower Upper

96 100

61 156.7 0.0 312.2

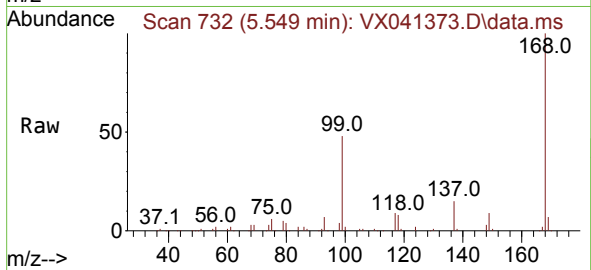
98 71.7 0.0 129.0



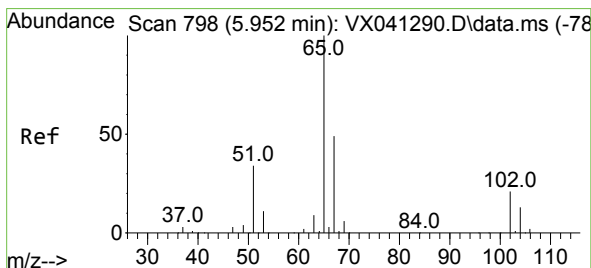
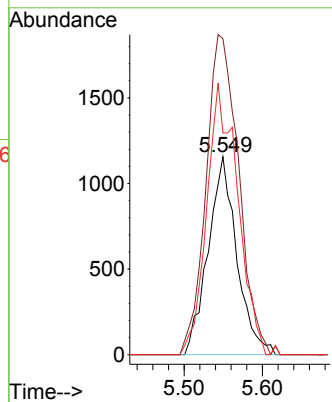
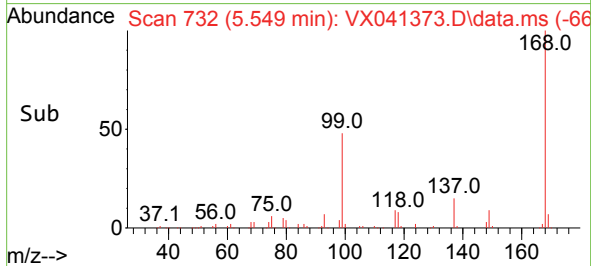


#31
Cyclohexane
Concen: 1.192 ug/l
RT: 5.549 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX041373.D
Acq: 06 May 2024 12:48

Instrument :
MSVOA_X
ClientSampleId :

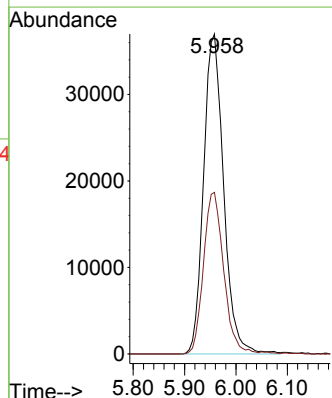
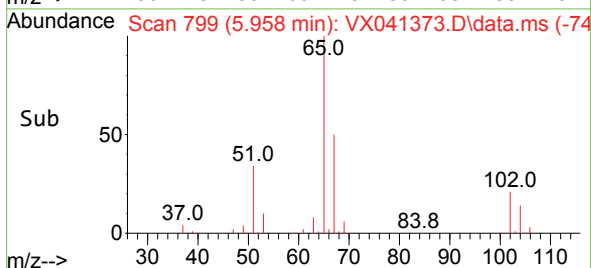
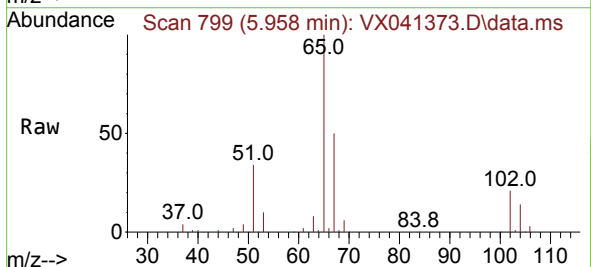


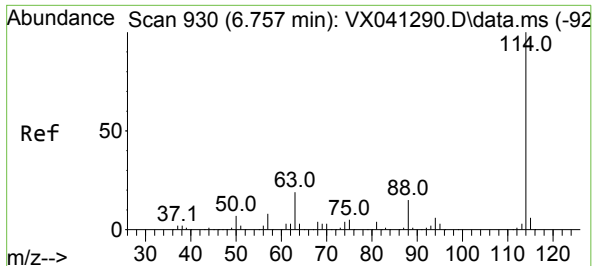
Tgt Ion: 56 Resp: 2946
Ion Ratio Lower Upper
56 100
69 159.7 23.4 35.2#
84 111.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.997 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041373.D
Acq: 06 May 2024 12:48

Tgt Ion: 65 Resp: 100309
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

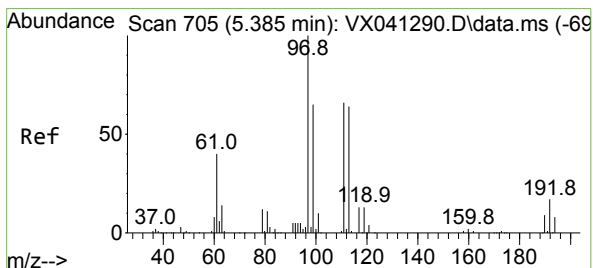
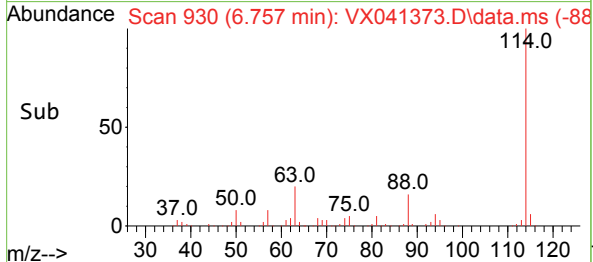
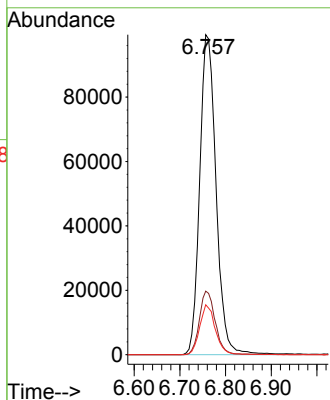
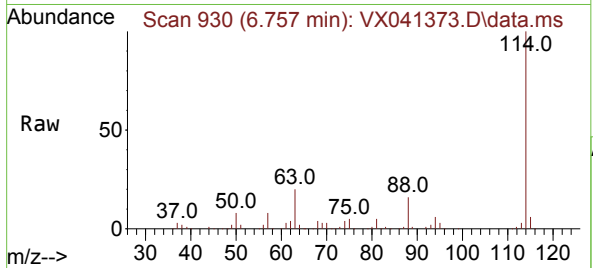




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041373.D
Acq: 06 May 2024 12:48

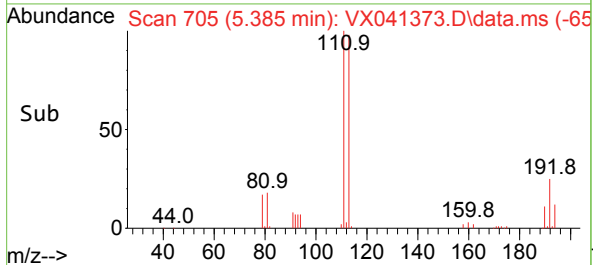
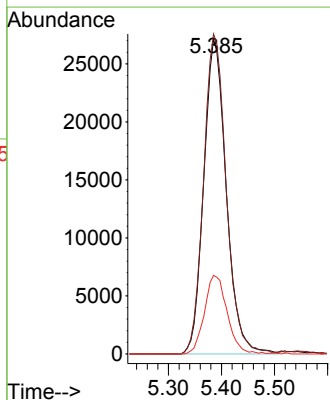
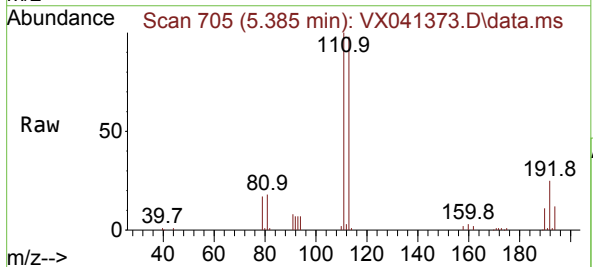
Instrument :
MSVOA_X
ClientSampleId :

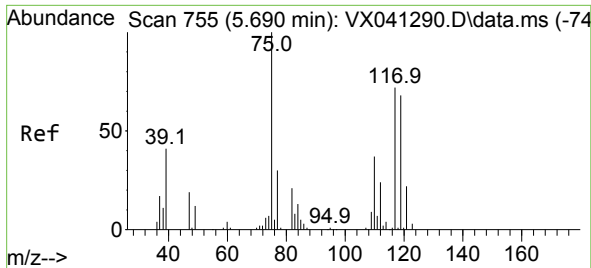
Tgt Ion:114 Resp: 246345
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.931 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041373.D
Acq: 06 May 2024 12:48

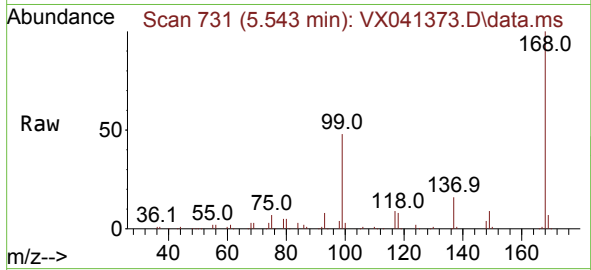
Tgt Ion:113 Resp: 80017
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 25.1 13.3 19.9#



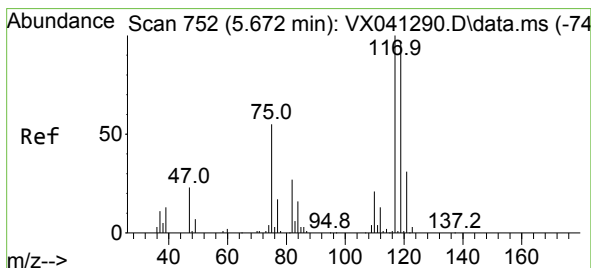
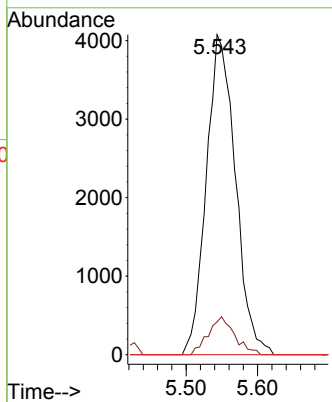
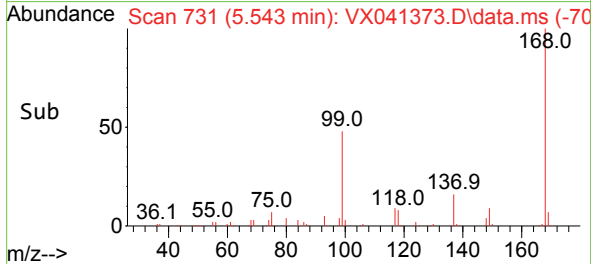


#36
1,1-Dichloropropene
Concen: 5.760 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX041373.D
Acq: 06 May 2024 12:48

Instrument :
MSVOA_X
ClientSampleId :

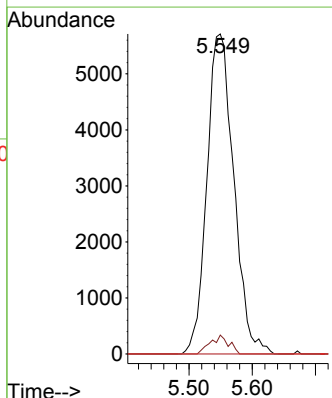
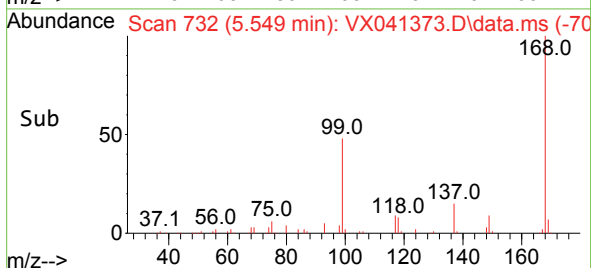
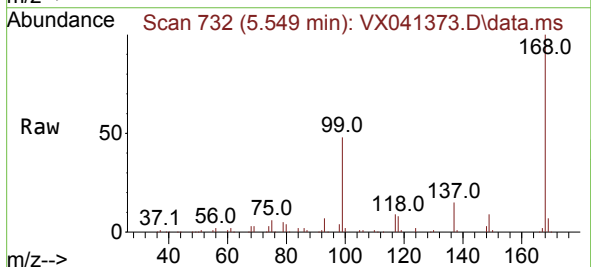


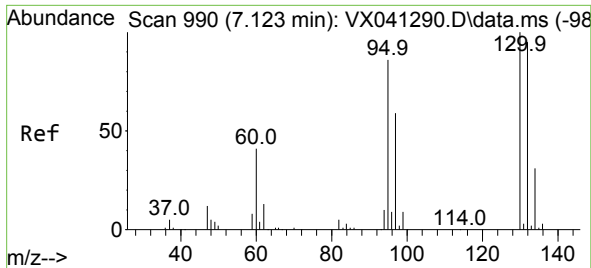
Tgt Ion: 75 Resp: 11498
Ion Ratio Lower Upper
75 100
110 10.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 7.372 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041373.D
Acq: 06 May 2024 12:48

Tgt Ion: 117 Resp: 16859
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#

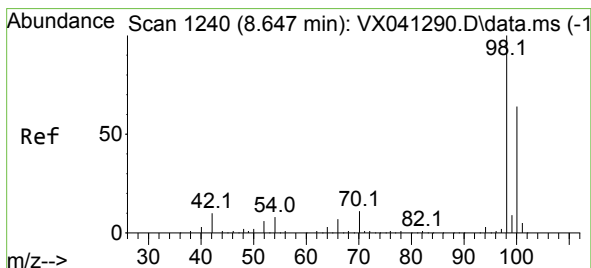
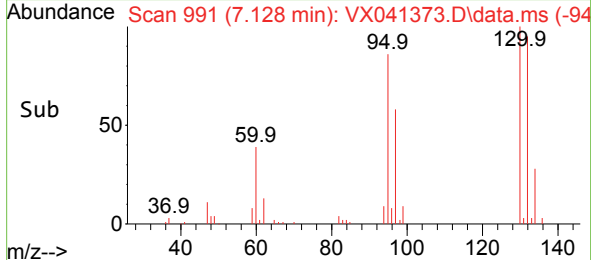
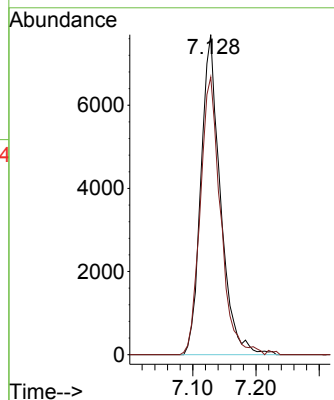
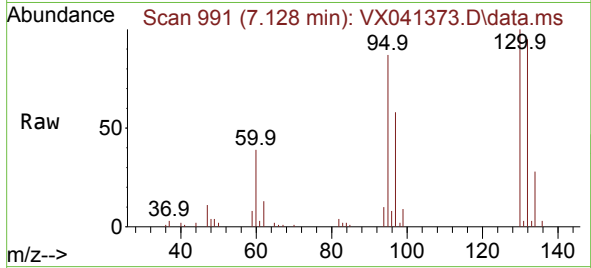




#44
Trichloroethene
Concen: 10.172 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX041373.D
Acq: 06 May 2024 12:48

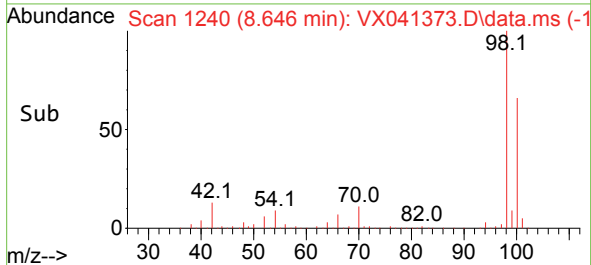
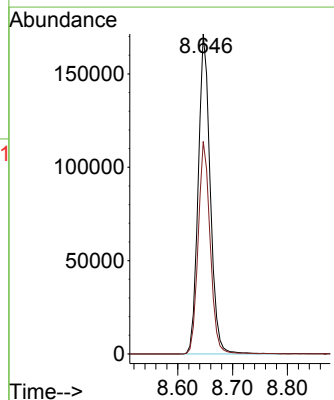
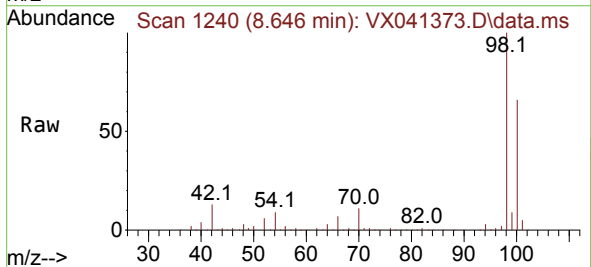
Instrument :
MSVOA_X
ClientSampleId :

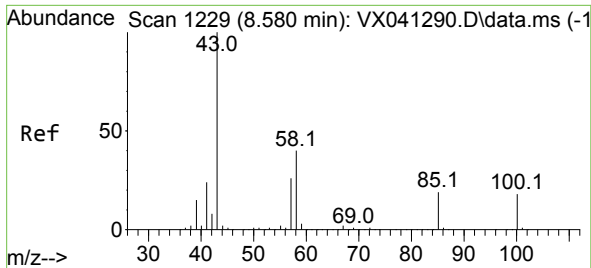
Tgt Ion:130 Resp: 16529
Ion Ratio Lower Upper
130 100
95 86.8 0.0 204.4



#50
Toluene-d8
Concen: 49.595 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041373.D
Acq: 06 May 2024 12:48

Tgt Ion: 98 Resp: 262053
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

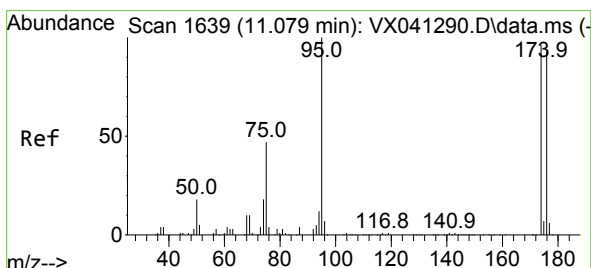
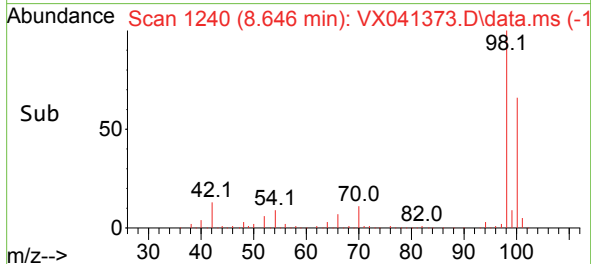
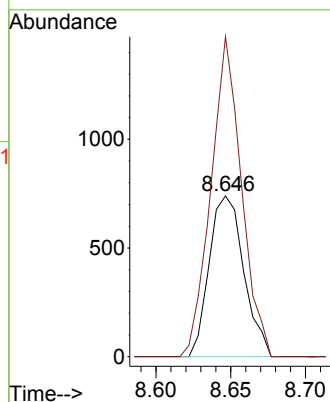
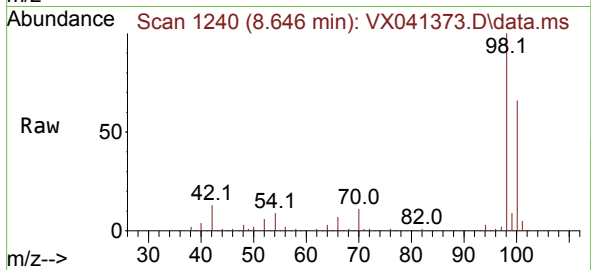




#51
4-Methyl-2-Pentanone
Concen: 0.528 ug/l
RT: 8.646 min Scan# 1186
Delta R.T. 0.067 min
Lab File: VX041373.D
Acq: 06 May 2024 12:48

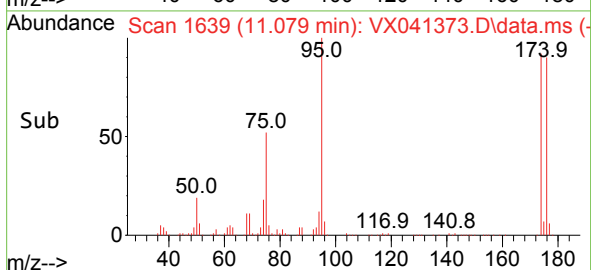
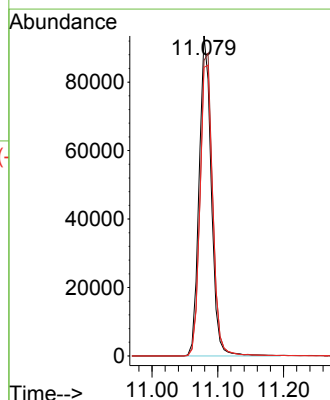
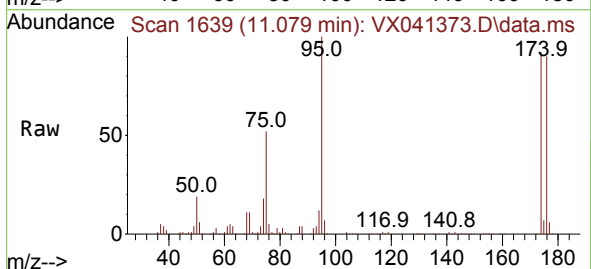
Instrument :
MSVOA_X
ClientSampleId :

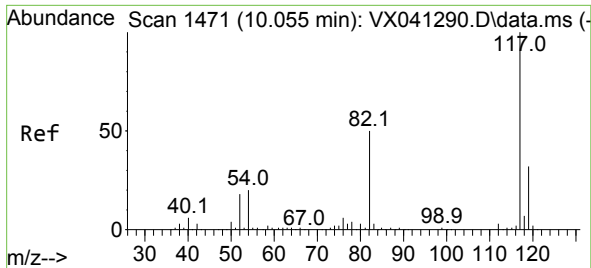
Tgt Ion: 43 Resp: 1186
Ion Ratio Lower Upper
43 100
58 176.2 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 58.738 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041373.D
Acq: 06 May 2024 12:48

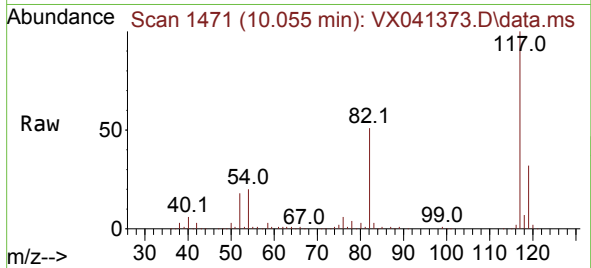
Tgt Ion: 95 Resp: 120142
Ion Ratio Lower Upper
95 100
174 98.3 0.0 135.6
176 95.8 0.0 131.0



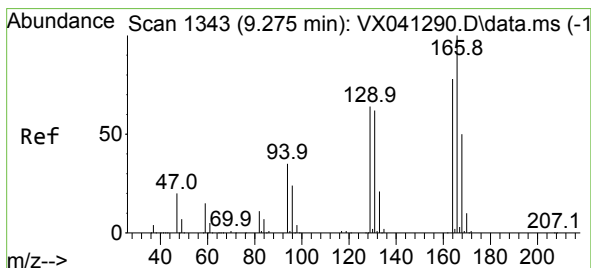
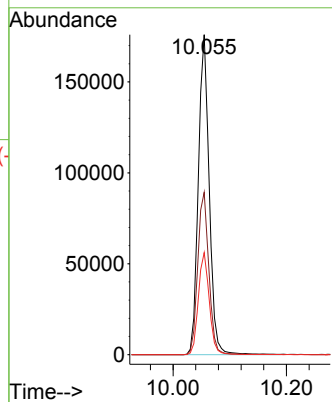
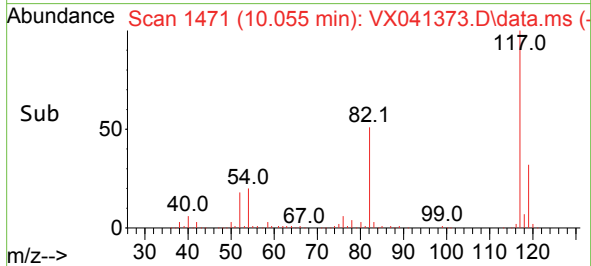


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041373.D
Acq: 06 May 2024 12:48

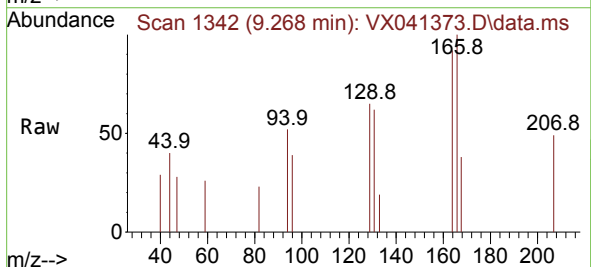
Instrument :
MSVOA_X
ClientSampleId :



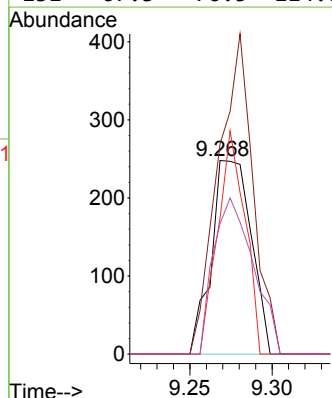
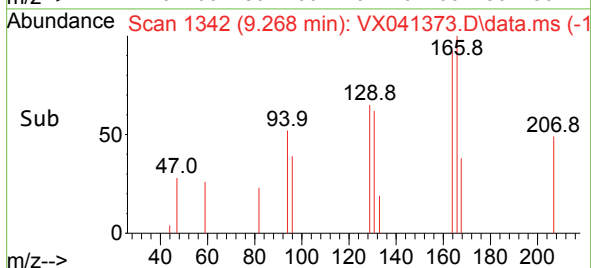
Tgt Ion:117 Resp: 234399
Ion Ratio Lower Upper
117 100
82 50.7 46.2 69.4
119 31.9 25.5 38.3

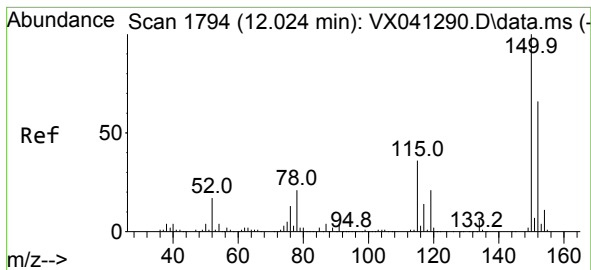


#64
Tetrachloroethene
Concen: 0.246 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX041373.D
Acq: 06 May 2024 12:48



Tgt Ion:164 Resp: 417
Ion Ratio Lower Upper
164 100
166 108.5 102.7 154.1
129 70.2 80.4 120.6#
131 67.3 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: VX041373.D

Acq: 06 May 2024 12:48

Instrument :

MSVOA_X

ClientSampleId :

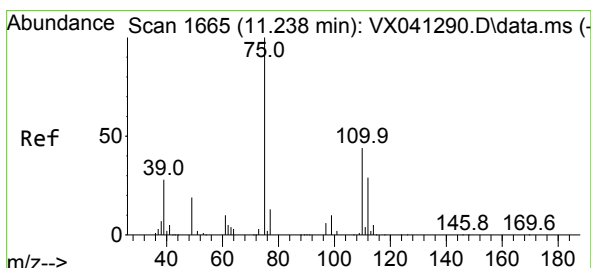
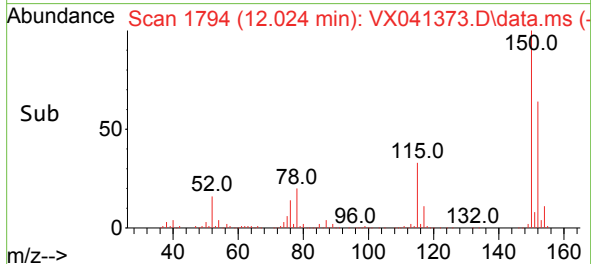
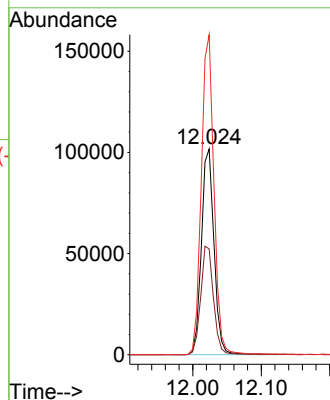
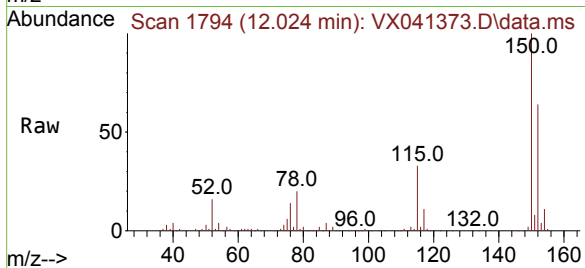
Tgt Ion:152 Resp: 130458

Ion Ratio Lower Upper

152 100

115 53.5 43.3 129.9

150 155.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 28.621 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041373.D

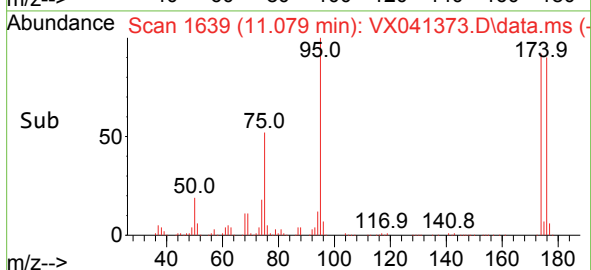
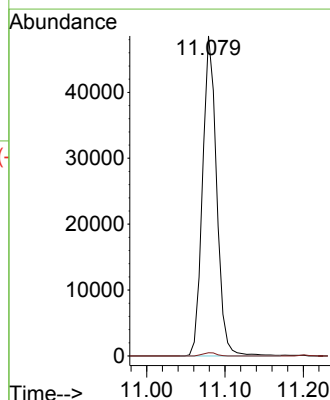
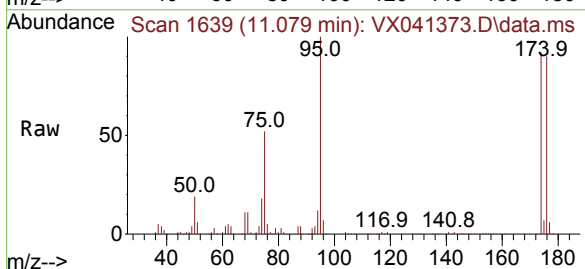
Acq: 06 May 2024 12:48

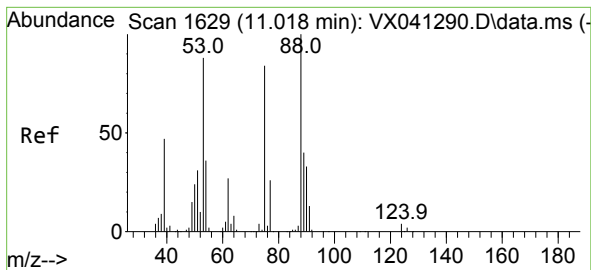
Tgt Ion: 75 Resp: 60850

Ion Ratio Lower Upper

75 100

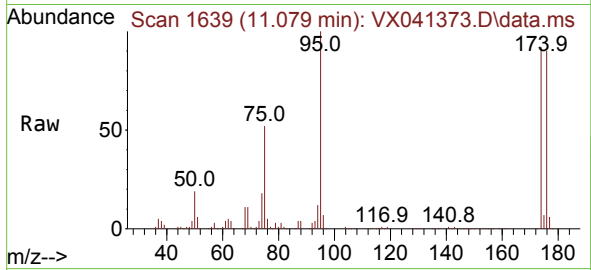
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.960 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041373.D
 Acq: 06 May 2024 12:48

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 60850
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

