

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050624\
 Data File : VX041379.D
 Acq On : 06 May 2024 15:16
 Operator : JC/MD
 Sample : P2394-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 07 02:00:40 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)

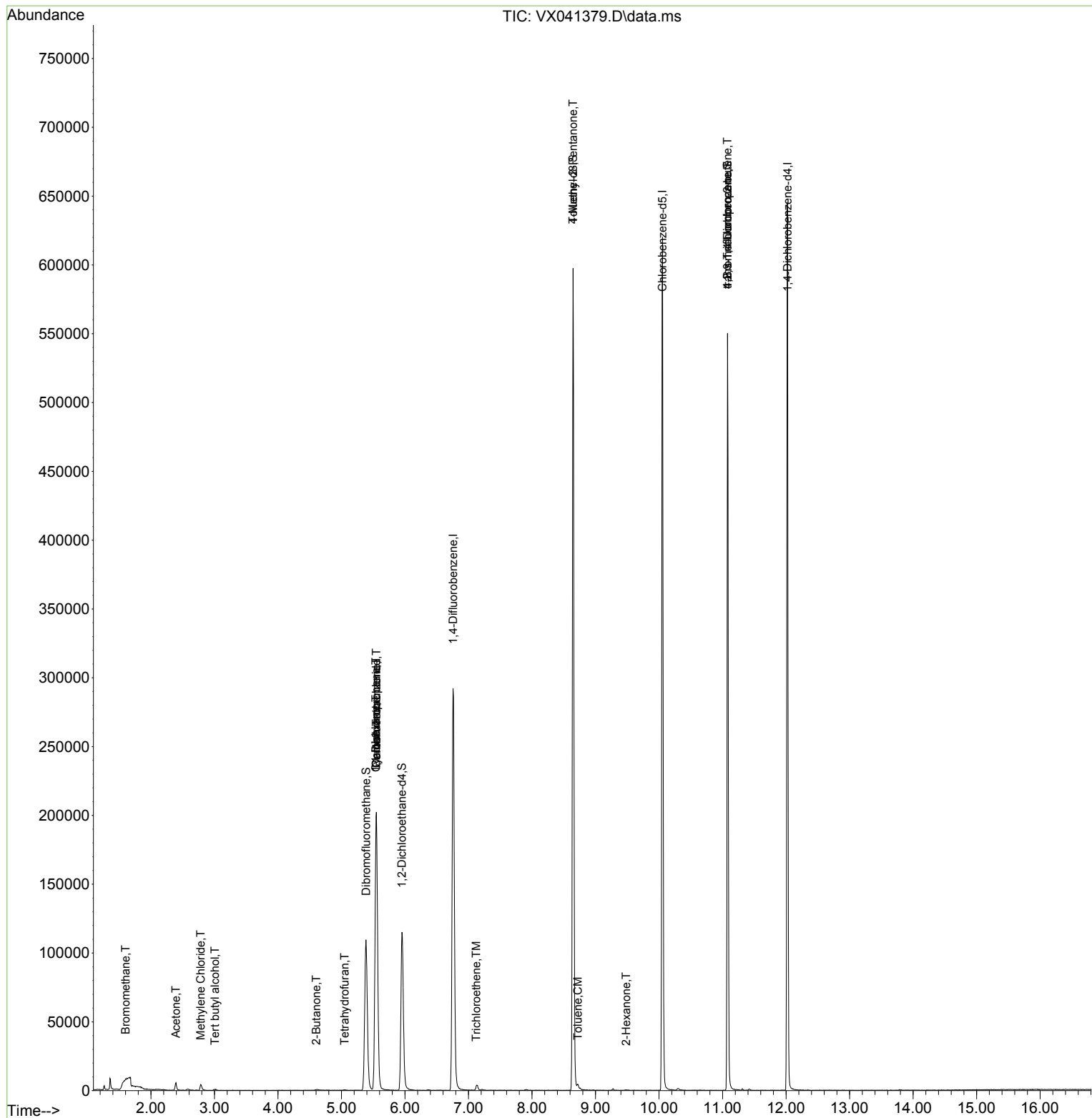
Internal Standards						
1) Pentafluorobenzene	5.550	168	218969	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	318174	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	299853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	116786	48.992	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.980%
35) Dibromofluoromethane	5.385	113	94674	43.908	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.820%
50) Toluene-d8	8.647	98	357804	52.430	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.860%
62) 4-Bromofluorobenzene	11.079	95	133269	50.446	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.900%
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	451	0.405	ug/l	96
11) Tert butyl alcohol	3.008	59	1337	2.802	ug/l	# 78
16) Acetone	2.392	43	6115	1.944	ug/l	# 81
20) Methylene Chloride	2.782	84	2316	1.119	ug/l	96
25) 2-Butanone	4.605	43	1559	1.010	ug/l	# 81
29) Tetrahydrofuran	5.050	42	433	0.429	ug/l	# 34
31) Cyclohexane	5.544	56	3442	1.196	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	13662	5.299	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	18880	6.392	ug/l	# 15
44) Trichloroethene	7.123	130	1894	0.902	ug/l	76
51) 4-Methyl-2-Pentanone	8.647	43	1513	0.521	ug/l	# 1
52) Toluene	8.720	92	1307	0.269	ug/l	94
59) 2-Hexanone	9.482	43	529	0.228	ug/l	72
76) 1,2,3-Trichloropropane	11.079	75	66830	27.622	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	66830	75.240	ug/l	# 5

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

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ClientSampleId :

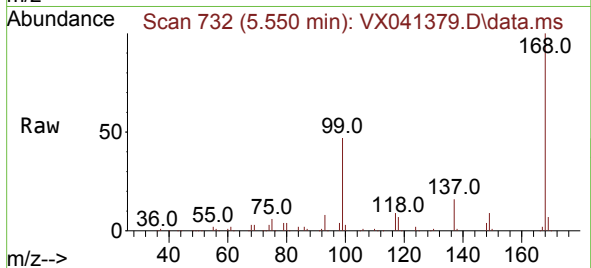
Quant Time: May 07 02:00:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration



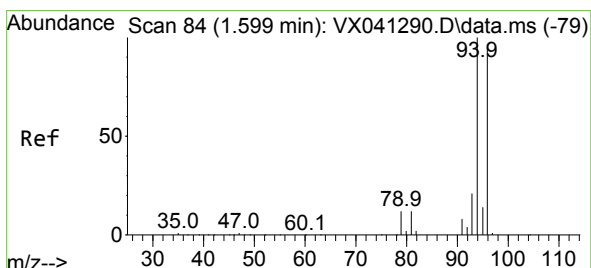
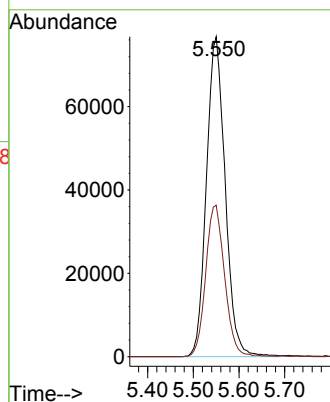
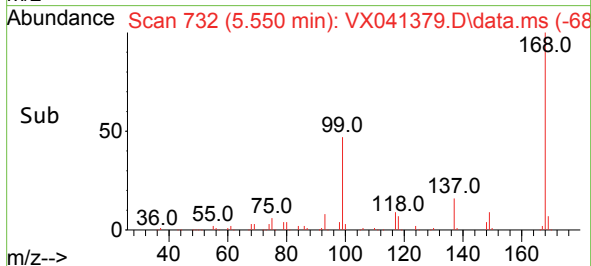


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041379.D
Acq: 06 May 2024 15:16

Instrument :
MSVOA_X
ClientSampleId :

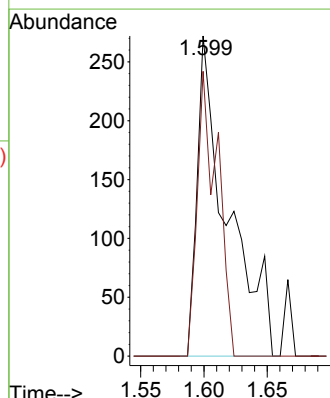
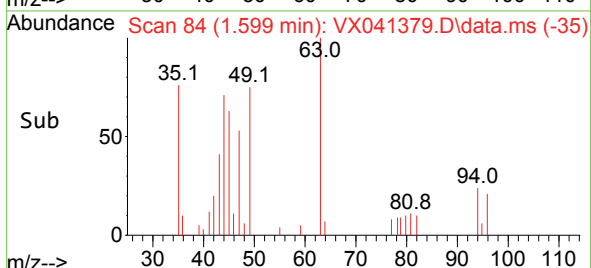
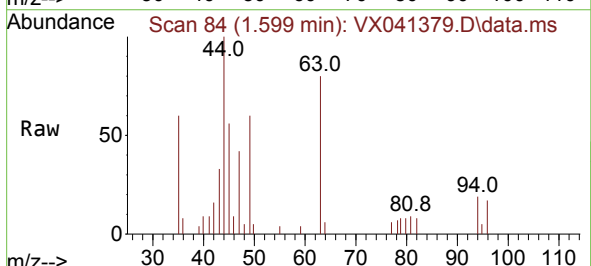


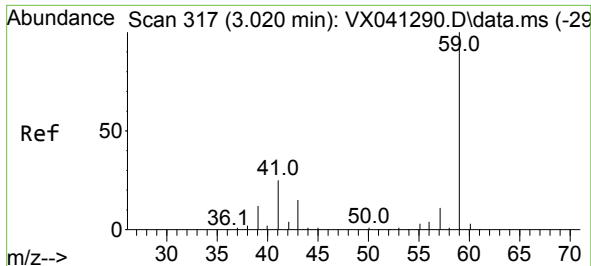
Tgt Ion:168 Resp: 218969
Ion Ratio Lower Upper
168 100
99 47.4 56.6 85.0#



#5
Bromomethane
Concen: 0.405 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041379.D
Acq: 06 May 2024 15:16

Tgt Ion: 94 Resp: 451
Ion Ratio Lower Upper
94 100
96 89.0 74.6 111.8





#11

Tert butyl alcohol

Concen: 2.802 ug/l

RT: 3.008 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX041379.D

Acq: 06 May 2024 15:16

Instrument :

MSVOA_X

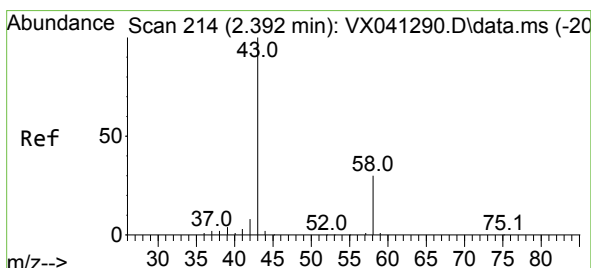
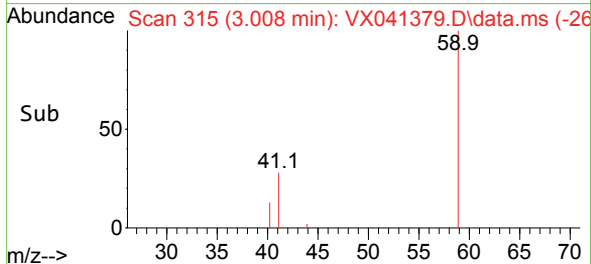
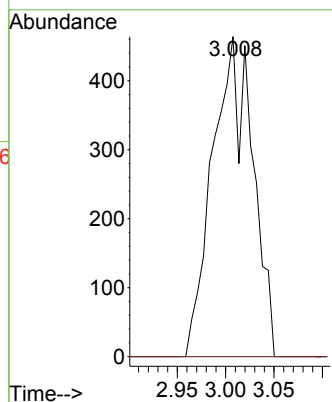
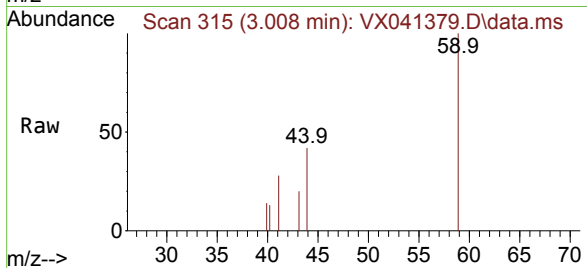
ClientSampleId :

Tgt Ion: 59 Resp: 1337

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.944 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041379.D

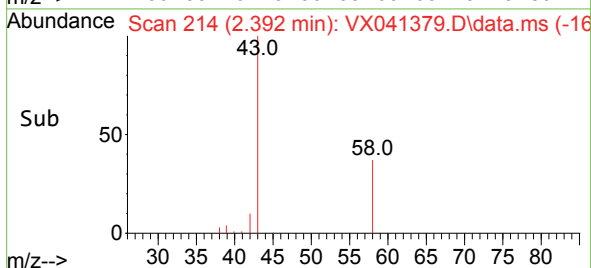
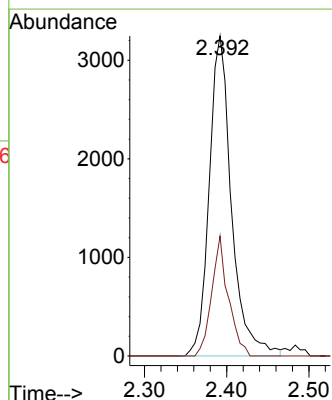
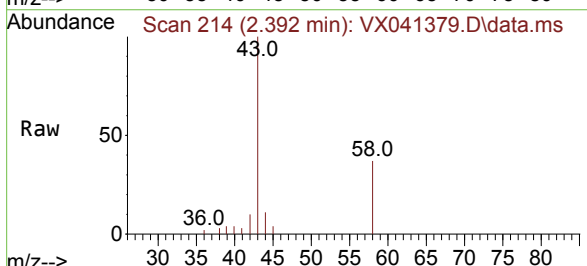
Acq: 06 May 2024 15:16

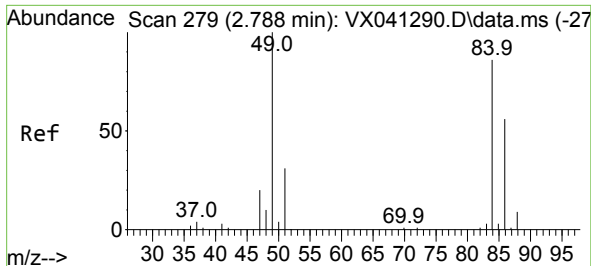
Tgt Ion: 43 Resp: 6115

Ion Ratio Lower Upper

43 100

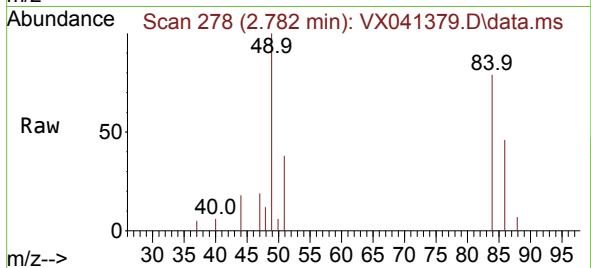
58 37.5 21.9 32.9#





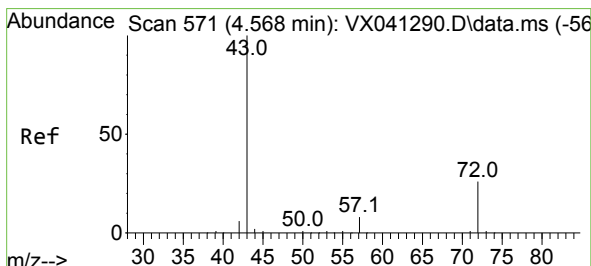
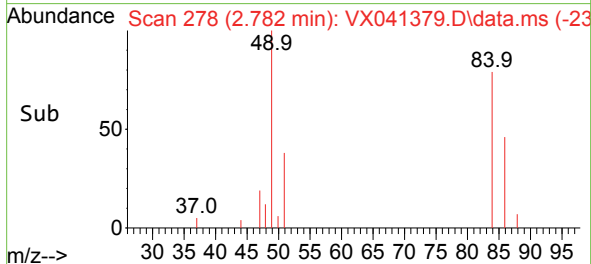
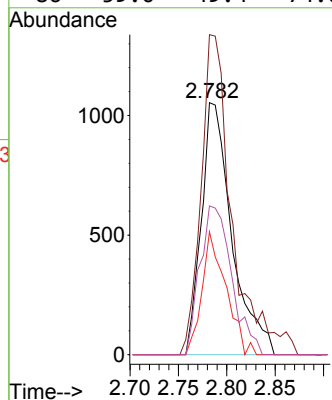
#20
Methylene Chloride
Concen: 1.119 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041379.D
Acq: 06 May 2024 15:16

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 2316

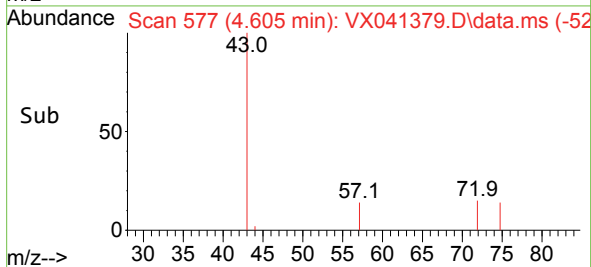
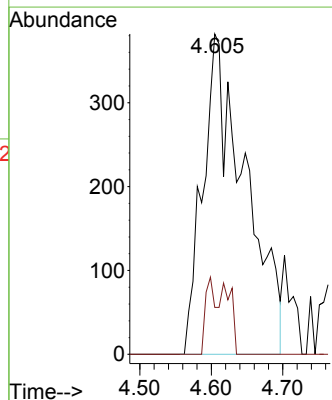
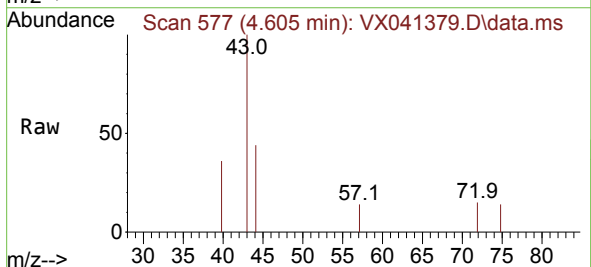
Ion	Ratio	Lower	Upper
84	100		
49	126.9	103.6	155.4
51	48.8	33.8	50.6
86	59.0	49.4	74.0

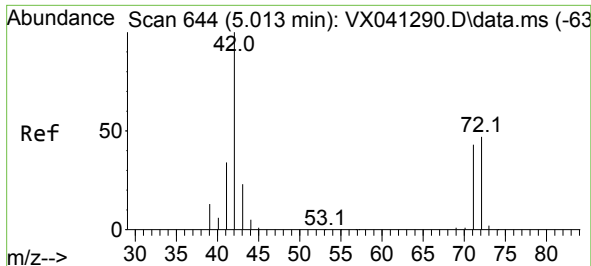


#25
2-Butanone
Concen: 1.010 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.037 min
Lab File: VX041379.D
Acq: 06 May 2024 15:16

Tgt Ion: 43 Resp: 1559

Ion	Ratio	Lower	Upper
43	100		
72	14.7	19.4	29.2#





#29

Tetrahydrofuran

Concen: 0.429 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.037 min

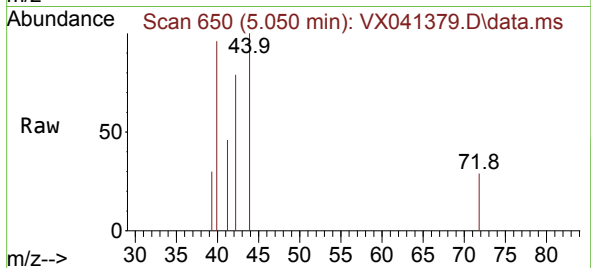
Lab File: VX041379.D

Acq: 06 May 2024 15:16

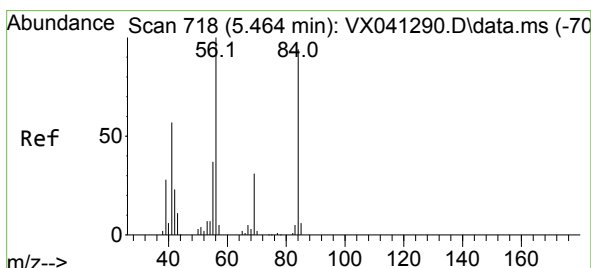
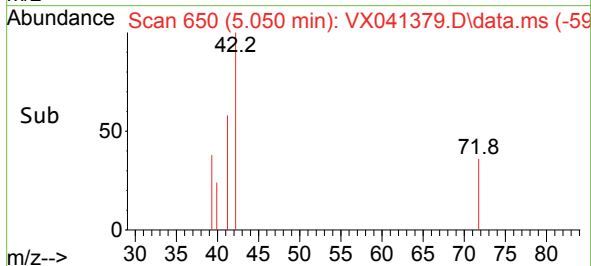
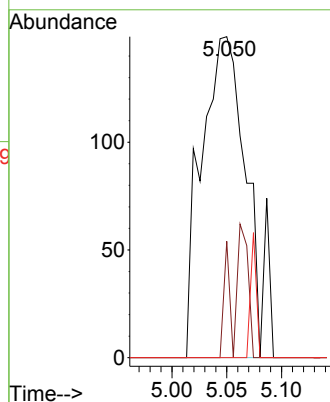
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	433
Ion Ratio	Lower	Upper	
42	100		
72	0.0	34.2	51.4#
71	0.0	32.2	48.2#



#31

Cyclohexane

Concen: 1.196 ug/l

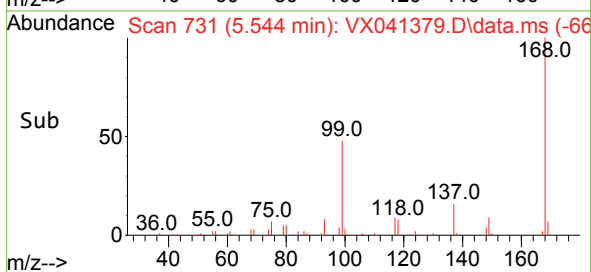
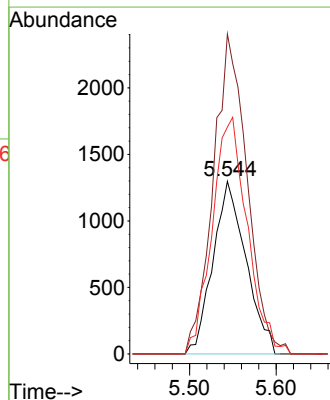
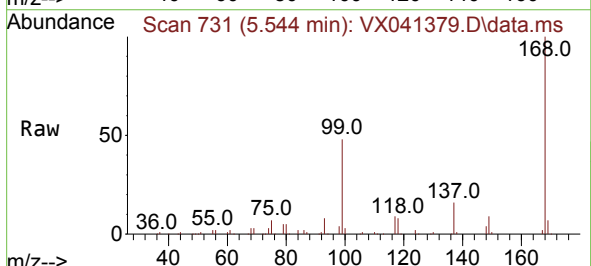
RT: 5.544 min Scan# 731

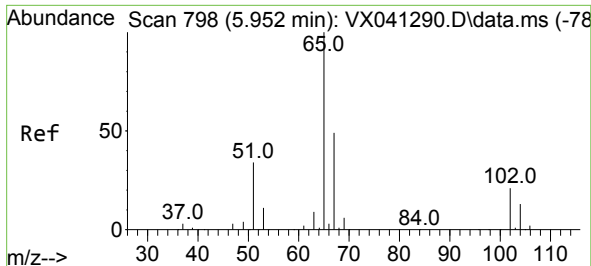
Delta R.T. 0.079 min

Lab File: VX041379.D

Acq: 06 May 2024 15:16

Tgt Ion:	56	Resp:	3442
Ion Ratio	Lower	Upper	
56	100		
69	185.3	23.4	35.2#
84	131.4	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.992 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041379.D

Acq: 06 May 2024 15:16

Instrument :

MSVOA_X

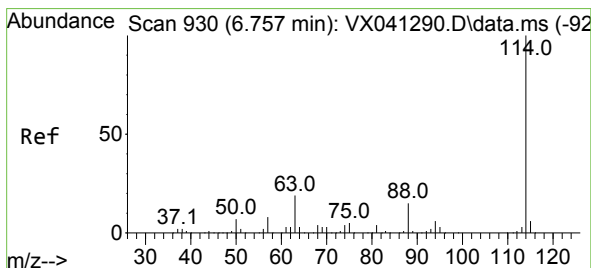
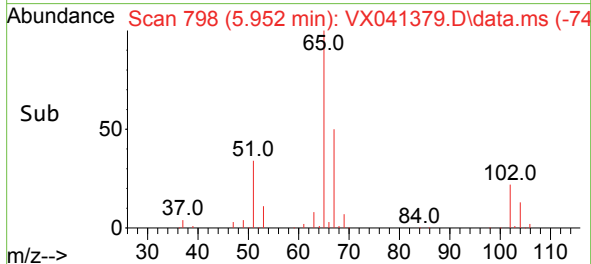
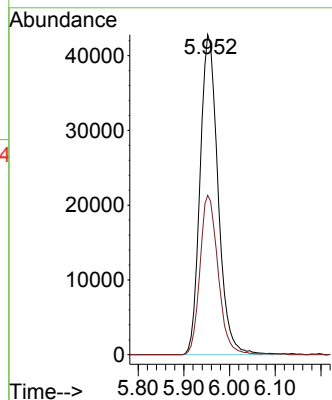
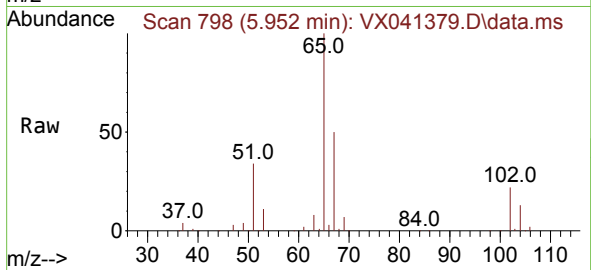
ClientSampleId :

Tgt Ion: 65 Resp: 116786

Ion Ratio Lower Upper

65 100

67 50.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041379.D

Acq: 06 May 2024 15:16

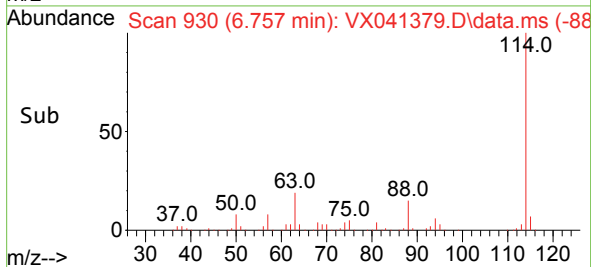
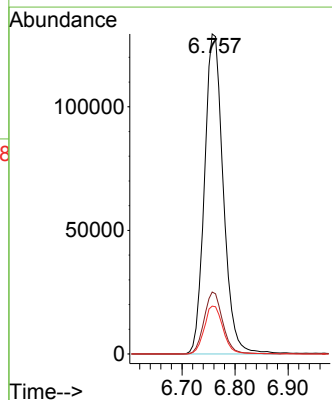
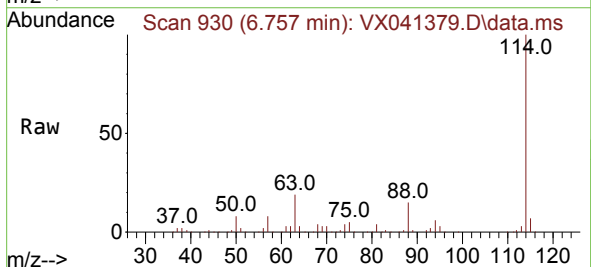
Tgt Ion: 114 Resp: 318174

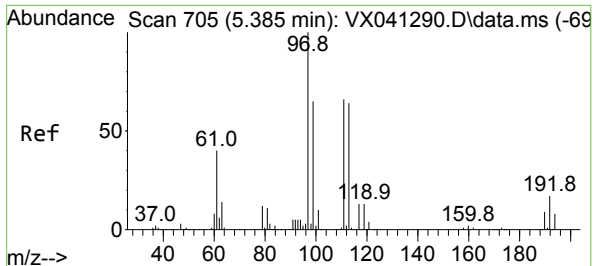
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

88 15.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 43.908 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

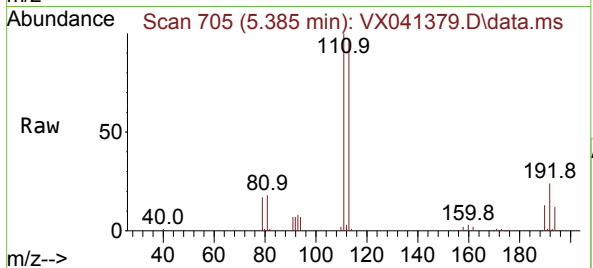
Lab File: VX041379.D

Acq: 06 May 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :



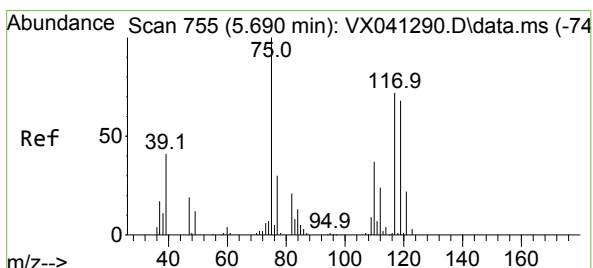
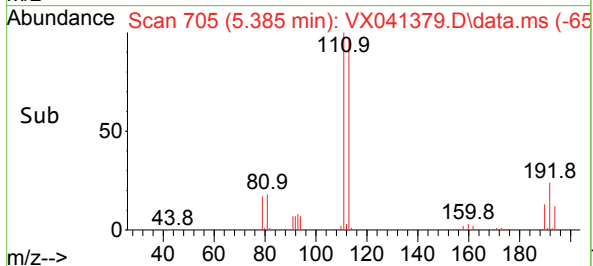
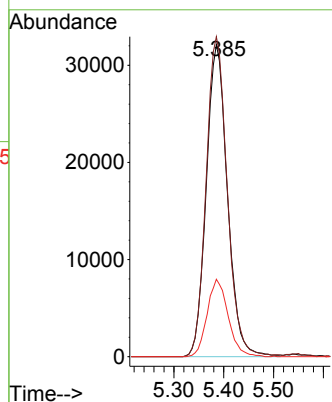
Tgt Ion:113 Resp: 94674

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

192 24.6 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 5.299 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX041379.D

Acq: 06 May 2024 15:16

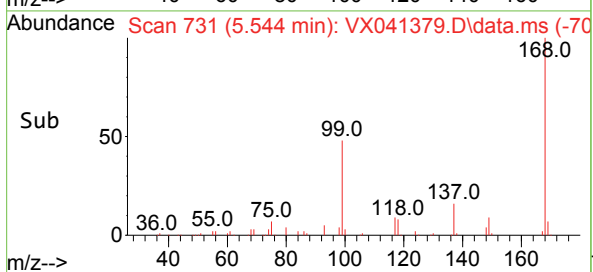
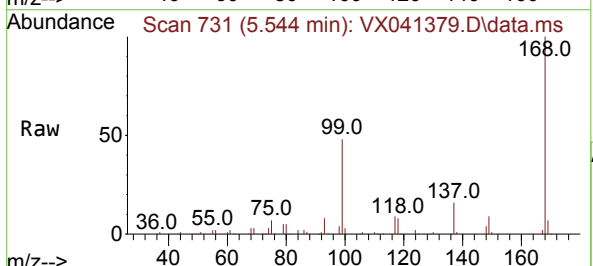
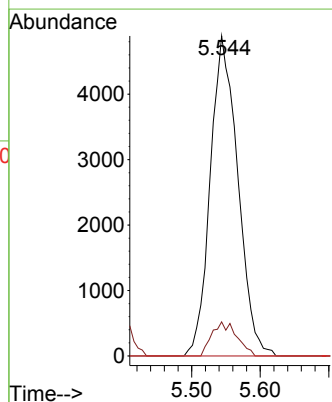
Tgt Ion: 75 Resp: 13662

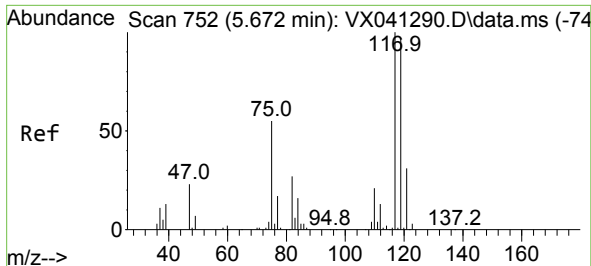
Ion Ratio Lower Upper

75 100

110 9.6 17.0 50.9#

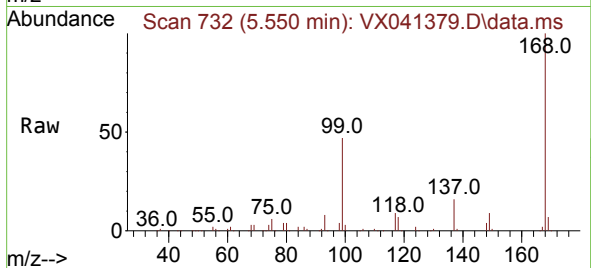
77 0.0 24.7 37.1#



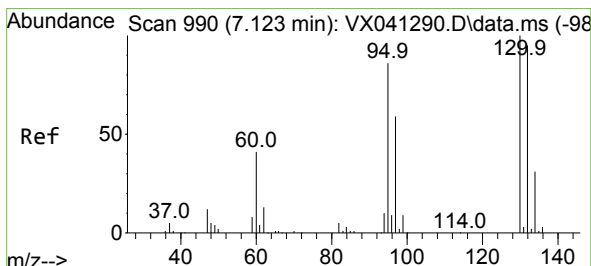
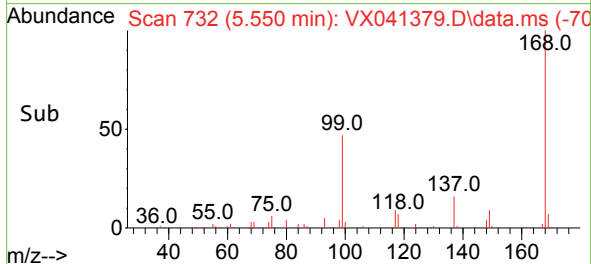
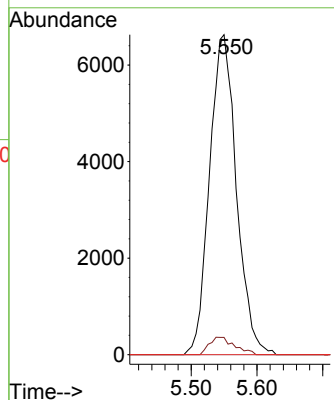


#38
Carbon Tetrachloride
Concen: 6.392 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041379.D
Acq: 06 May 2024 15:16

Instrument :
MSVOA_X
ClientSampleId :

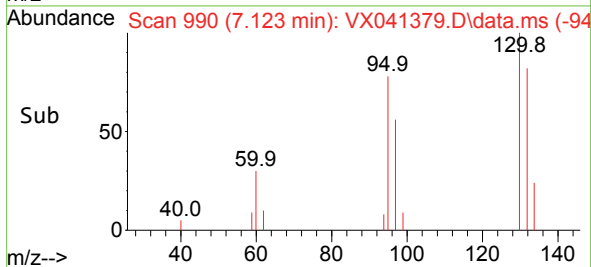
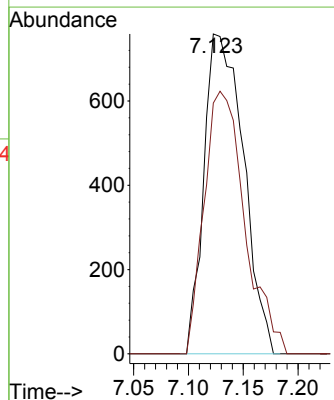
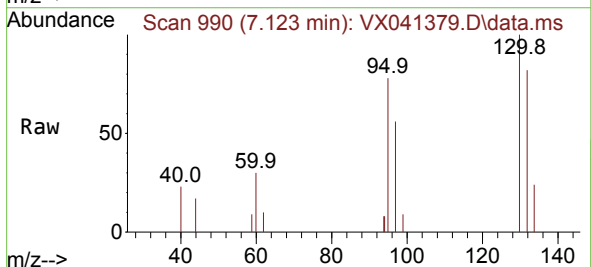


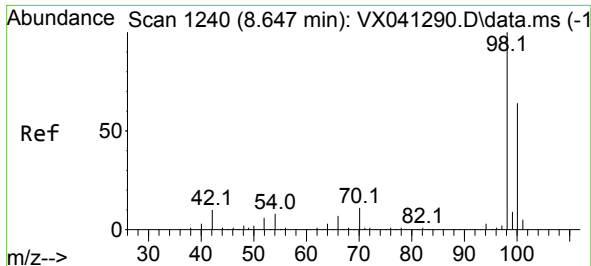
Tgt Ion:117 Resp: 18880
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.902 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041379.D
Acq: 06 May 2024 15:16

Tgt Ion:130 Resp: 1894
Ion Ratio Lower Upper
130 100
95 78.4 0.0 204.4

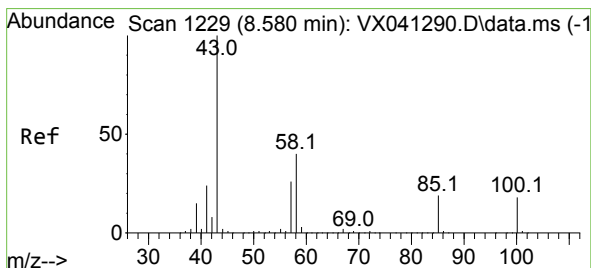
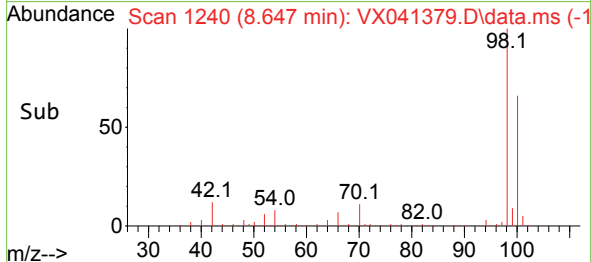
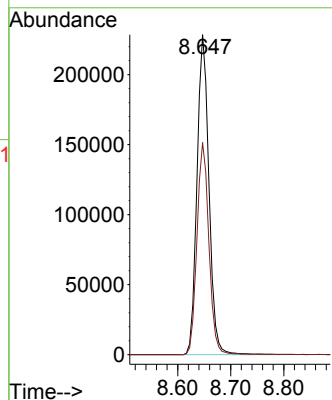
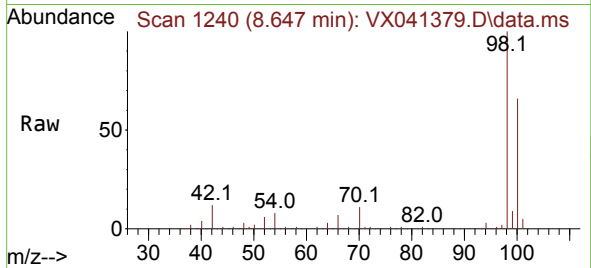




#50
Toluene-d8
Concen: 52.430 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041379.D
Acq: 06 May 2024 15:16

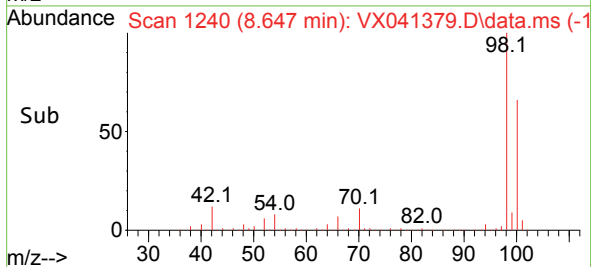
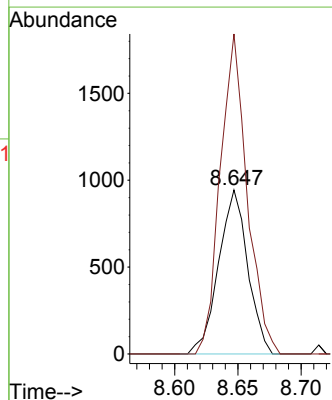
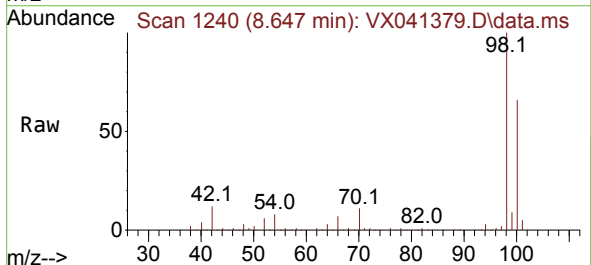
Instrument :
MSVOA_X
ClientSampleId :

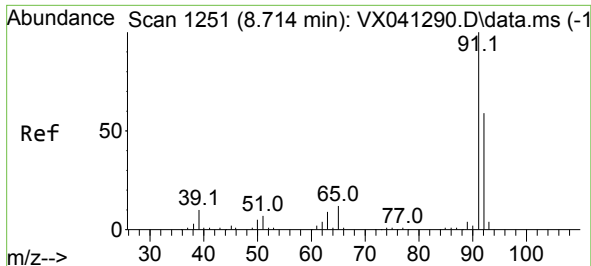
Tgt Ion: 98 Resp: 357804
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.521 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041379.D
Acq: 06 May 2024 15:16

Tgt Ion: 43 Resp: 1513
Ion Ratio Lower Upper
43 100
58 179.8 30.4 45.6#

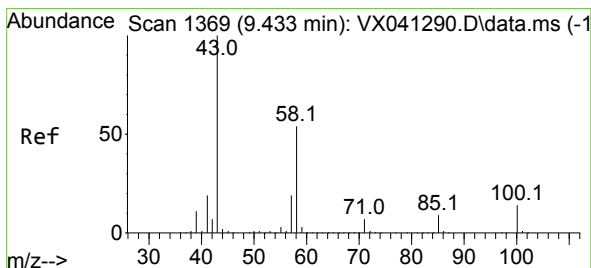
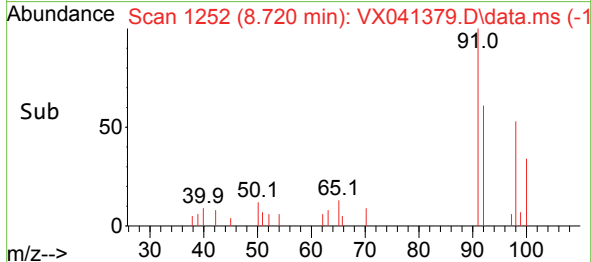
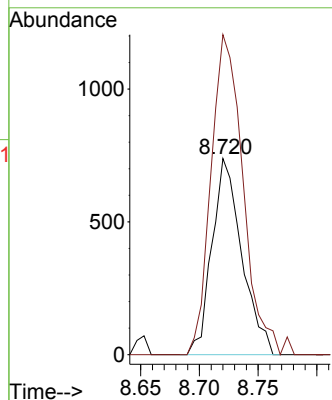
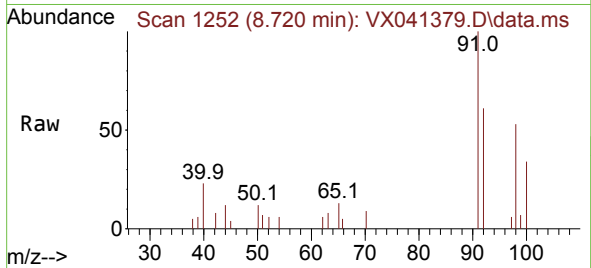




#52
Toluene
Concen: 0.269 ug/l
RT: 8.720 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VX041379.D
Acq: 06 May 2024 15:16

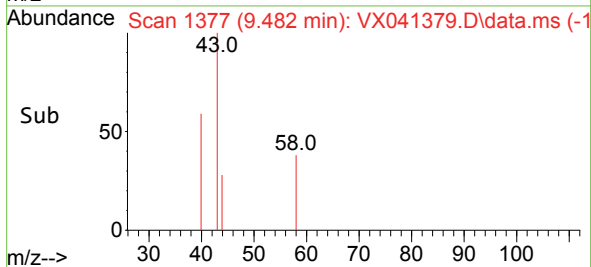
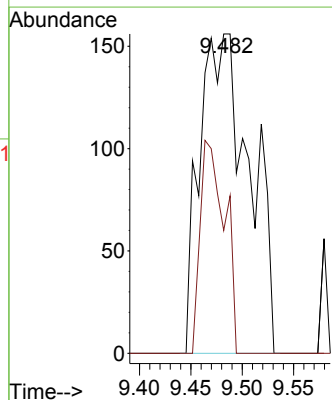
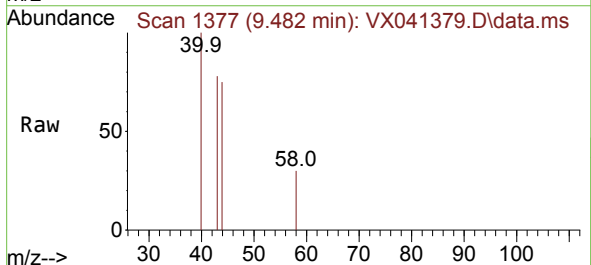
Instrument :
MSVOA_X
ClientSampleId :

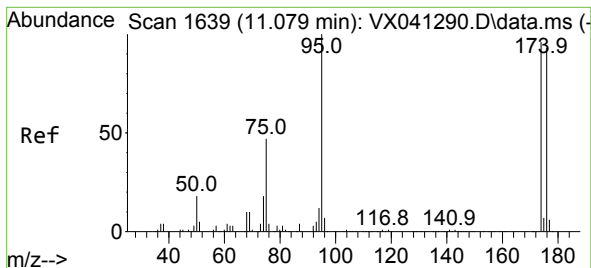
Tgt Ion: 92 Resp: 1307
Ion Ratio Lower Upper
92 100
91 175.7 134.2 201.2



#59
2-Hexanone
Concen: 0.228 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX041379.D
Acq: 06 May 2024 15:16

Tgt Ion: 43 Resp: 529
Ion Ratio Lower Upper
43 100
58 32.5 26.2 78.5

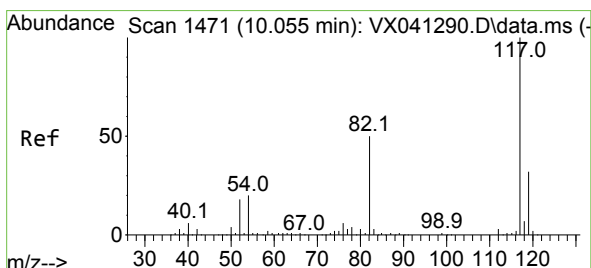
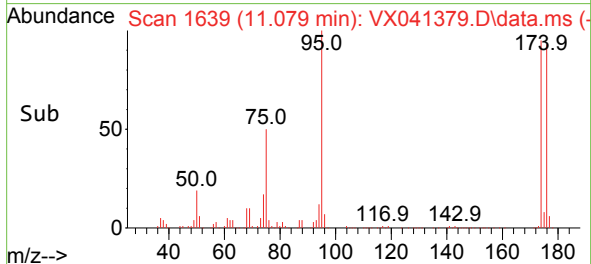
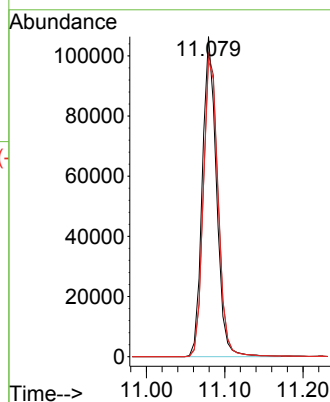
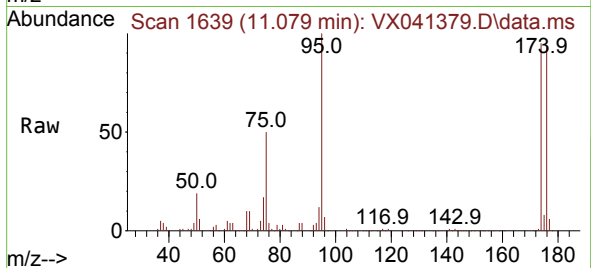




#62
4-Bromofluorobenzene
Concen: 50.446 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041379.D
Acq: 06 May 2024 15:16

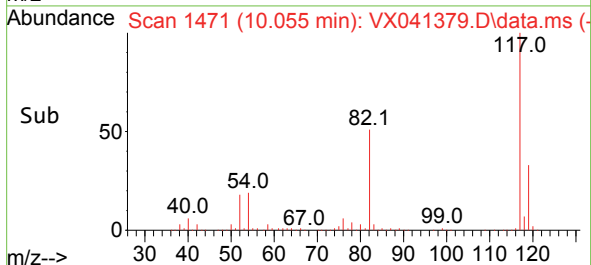
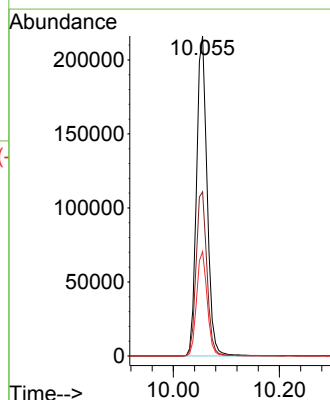
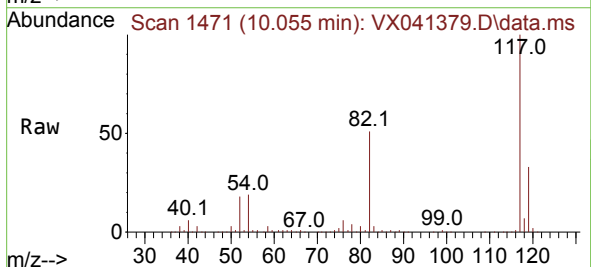
Instrument :
MSVOA_X
ClientSampleId :

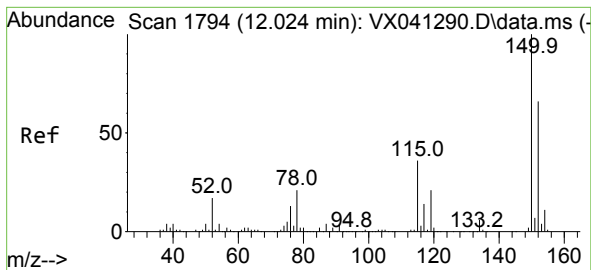
Tgt Ion: 95 Resp: 133269
Ion Ratio Lower Upper
95 100
174 98.8 0.0 135.6
176 97.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041379.D
Acq: 06 May 2024 15:16

Tgt Ion: 117 Resp: 299853
Ion Ratio Lower Upper
117 100
82 51.3 46.2 69.4
119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041379.D

Acq: 06 May 2024 15:16

Instrument :

MSVOA_X

ClientSampleId :

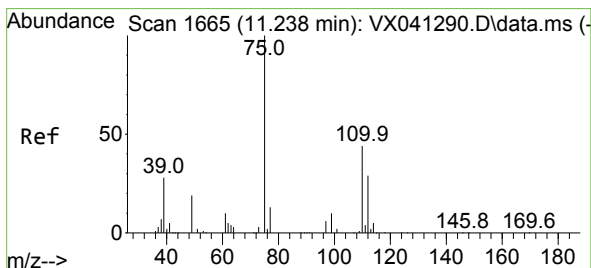
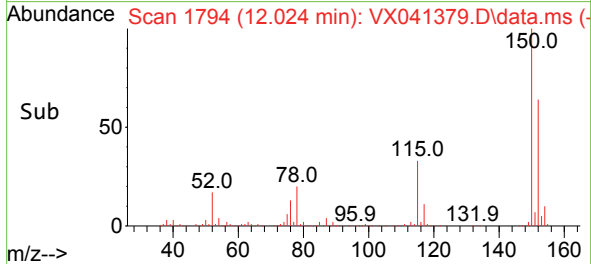
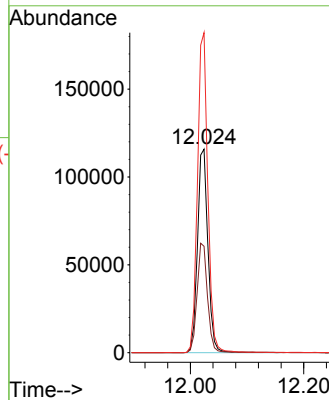
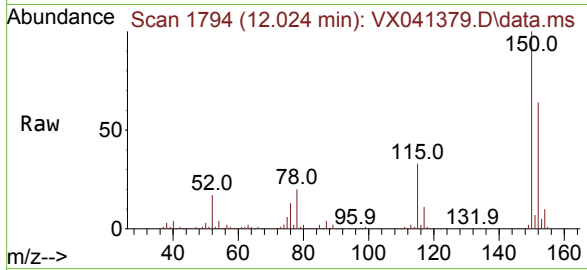
Tgt Ion:152 Resp: 148459

Ion Ratio Lower Upper

152 100

115 53.6 43.3 129.9

150 155.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 27.622 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041379.D

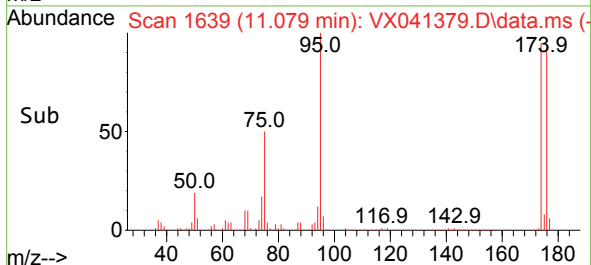
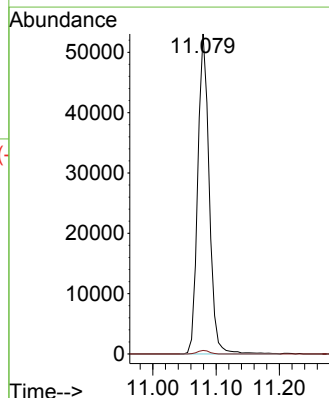
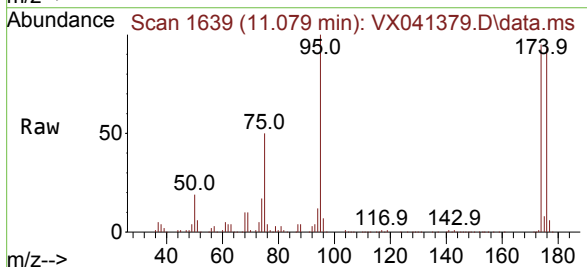
Acq: 06 May 2024 15:16

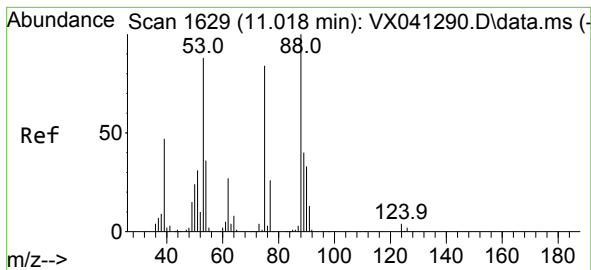
Tgt Ion: 75 Resp: 66830

Ion Ratio Lower Upper

75 100

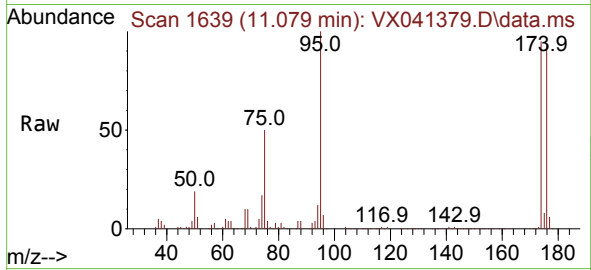
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.240 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041379.D
 Acq: 06 May 2024 15:16

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 66830
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

