

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
 Data File : VX041815.D
 Acq On : 10 Jun 2024 17:04
 Operator : JC/MD
 Sample : P2760-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 11 03:51:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

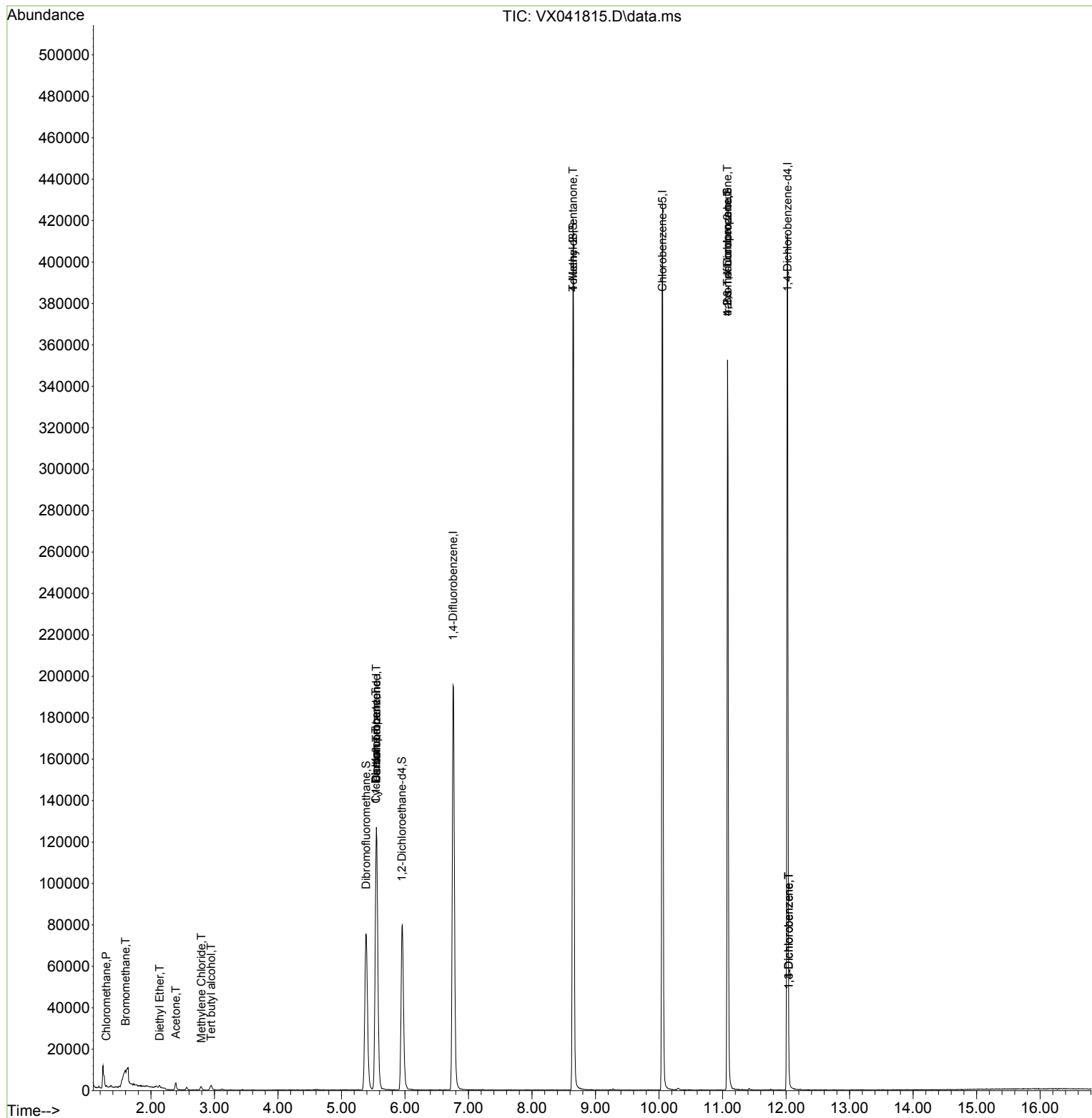
Internal Standards						
1) Pentafluorobenzene	5.550	168	133063	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	209667	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79865	48.938	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.880%
35) Dibromofluoromethane	5.385	113	66349	45.770	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.540%
50) Toluene-d8	8.647	98	247785	48.919	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.840%
62) 4-Bromofluorobenzene	11.079	95	89180	47.704	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.400%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	589	0.462	ug/l	# 77
5) Bromomethane	1.599	94	373	0.408	ug/l	95
8) Diethyl Ether	2.136	74	276	0.334	ug/l	59
11) Tert butyl alcohol	2.946	59	1824	6.318	ug/l	# 78
16) Acetone	2.392	43	3961	2.839	ug/l	94
20) Methylene Chloride	2.794	84	924	0.633	ug/l	# 79
31) Cyclohexane	5.544	56	2301	1.194	ug/l	# 16
36) 1,1-Dichloropropene	5.544	75	8797	5.012	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	11686	5.860	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	1012	0.467	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	45075	26.933	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	45075	73.405	ug/l	# 5
87) 1,3-Dichlorobenzene	12.042	146	678	0.216	ug/l	# 24
88) 1,4-Dichlorobenzene	12.042	146	678	0.210	ug/l	# 24

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

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Quant Time: Jun 11 03:51:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration

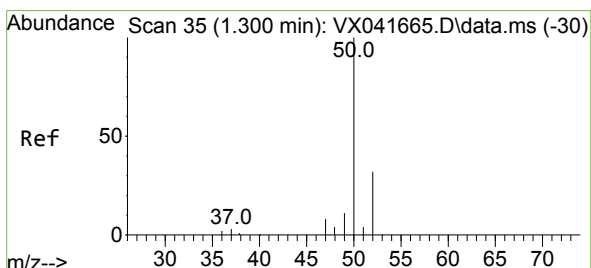
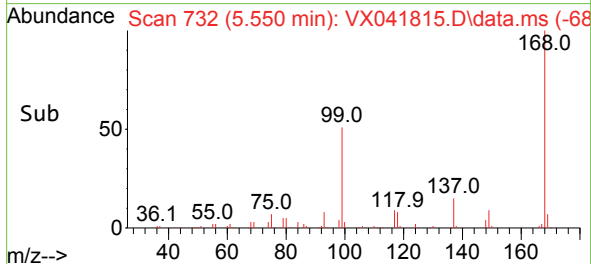
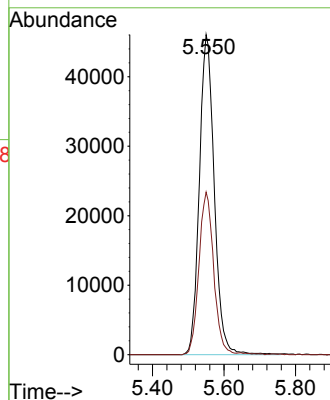
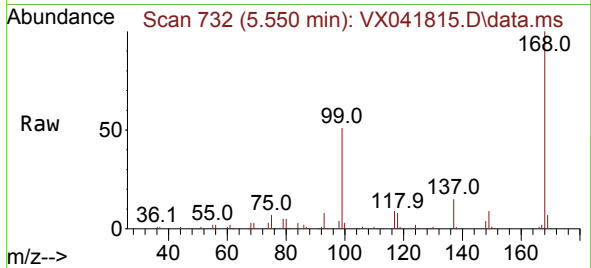




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041815.D
Acq: 10 Jun 2024 17:04

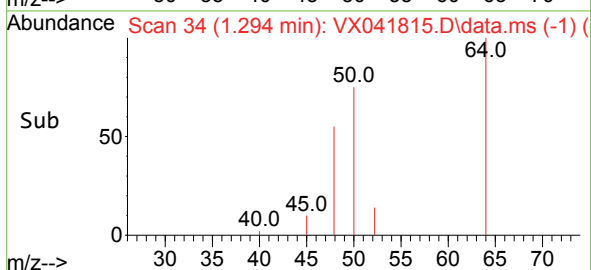
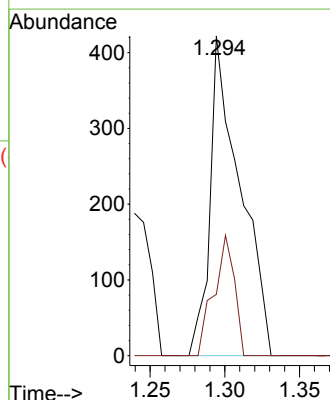
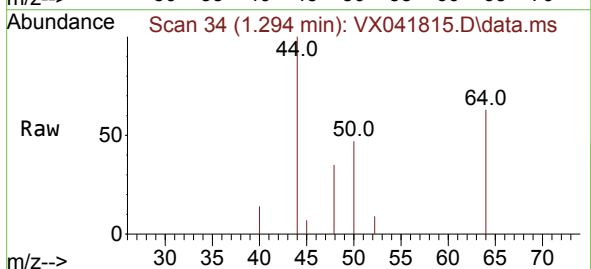
Instrument :
MSVOA_X
ClientSampleId :

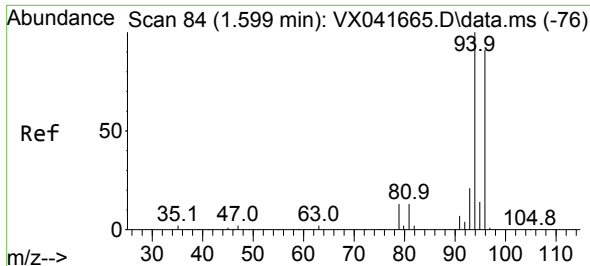
Tgt Ion:168 Resp: 133063
Ion Ratio Lower Upper
168 100
99 50.8 56.6 85.0#



#3
Chloromethane
Concen: 0.462 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041815.D
Acq: 10 Jun 2024 17:04

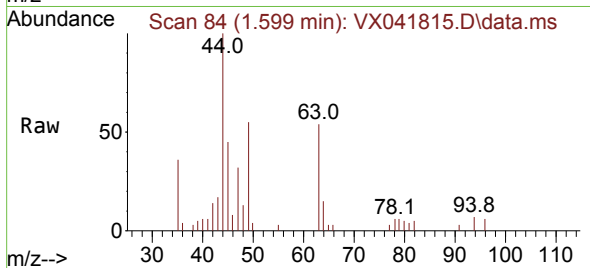
Tgt Ion: 50 Resp: 589
Ion Ratio Lower Upper
50 100
52 19.2 25.5 38.3#



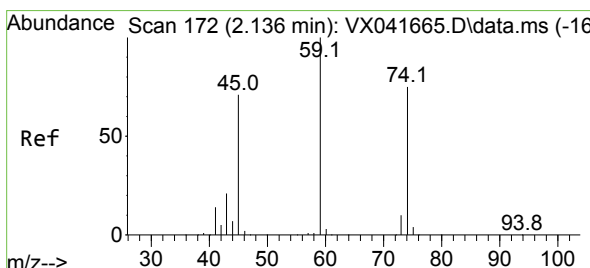
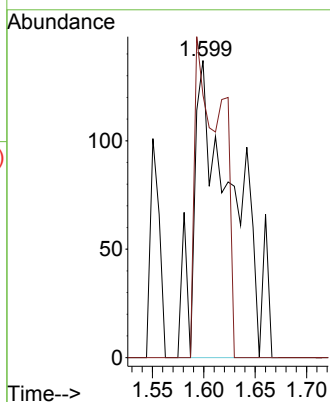
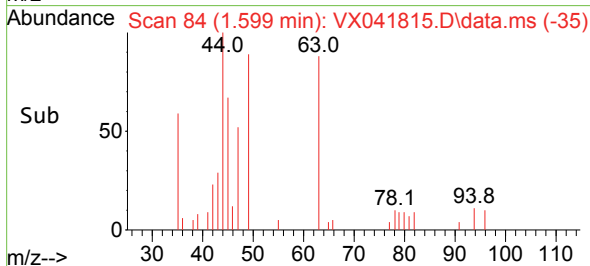


#5
 Bromomethane
 Concen: 0.408 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX041815.D
 Acq: 10 Jun 2024 17:04

Instrument :
 MSVOA_X
 ClientSampleId :

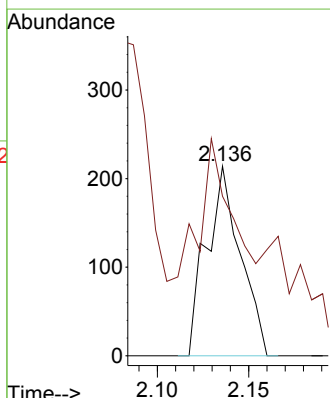
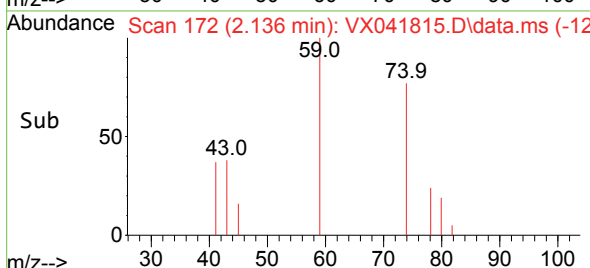
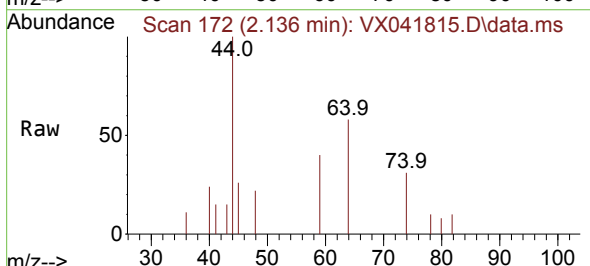


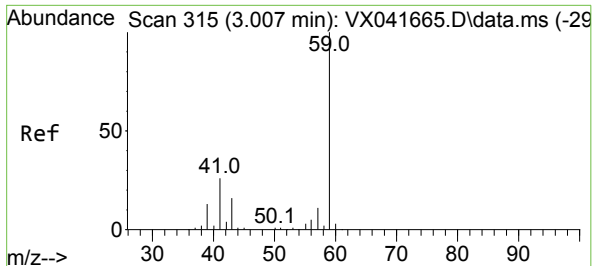
Tgt Ion: 94 Resp: 373
 Ion Ratio Lower Upper
 94 100
 96 88.3 74.6 111.8



#8
 Diethyl Ether
 Concen: 0.334 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX041815.D
 Acq: 10 Jun 2024 17:04

Tgt Ion: 74 Resp: 276
 Ion Ratio Lower Upper
 74 100
 45 63.8 53.3 159.8





#11

Tert butyl alcohol

Concen: 6.318 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.061 min

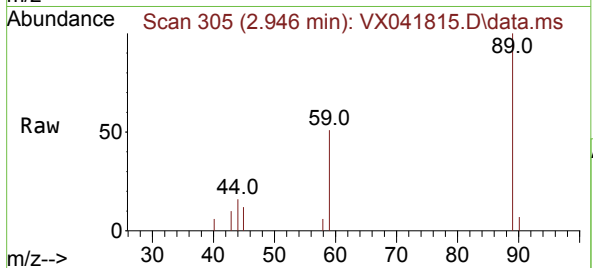
Lab File: VX041815.D

Acq: 10 Jun 2024 17:04

Instrument :

MSVOA_X

ClientSampleId :

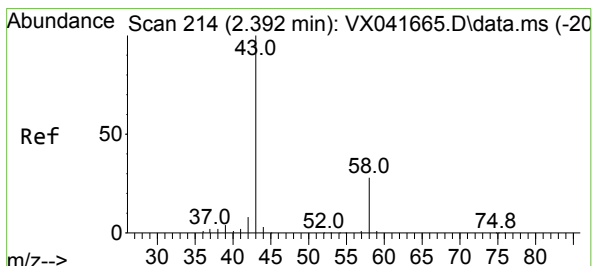
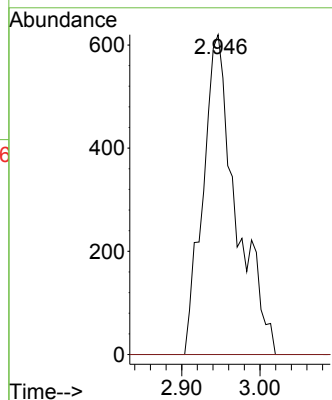
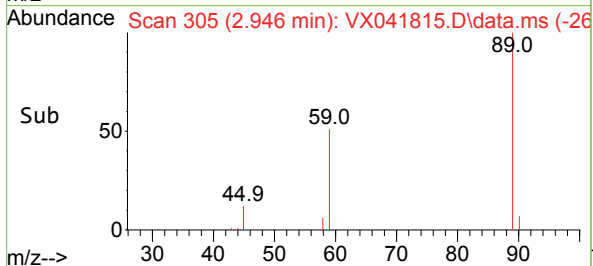


Tgt Ion: 59 Resp: 1824

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 2.839 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041815.D

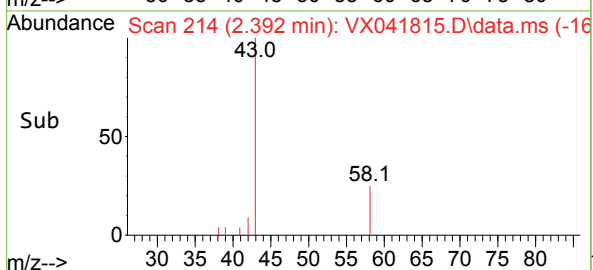
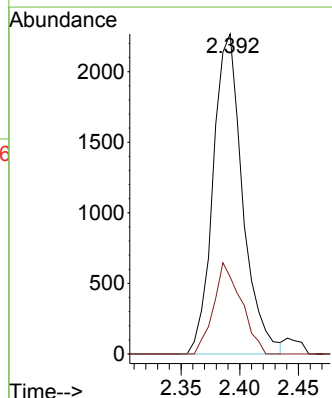
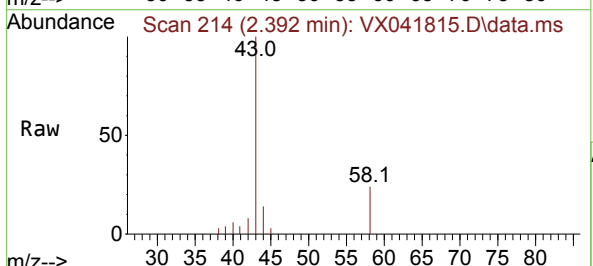
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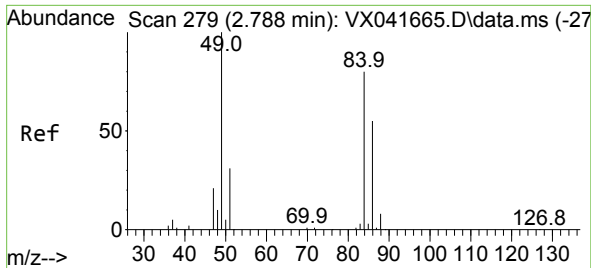
Tgt Ion: 43 Resp: 3961

Ion Ratio Lower Upper

43 100

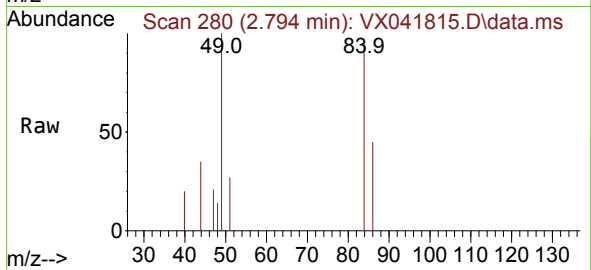
58 24.1 21.9 32.9



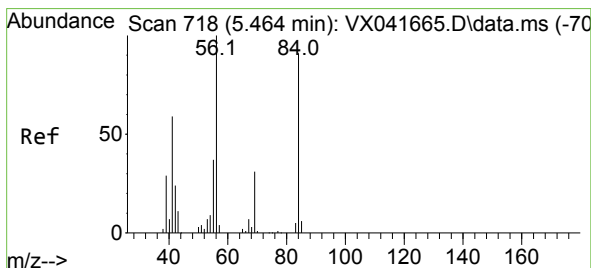
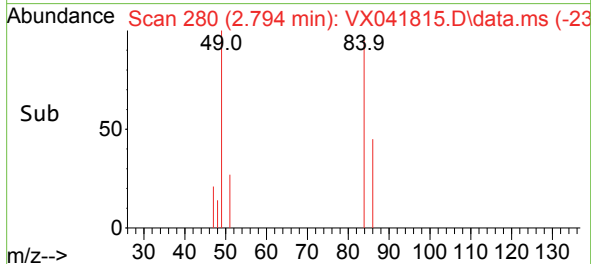
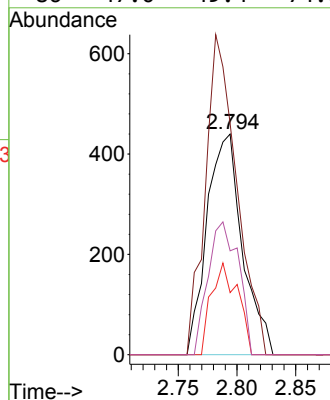


#20
Methylene Chloride
Concen: 0.633 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX041815.D
Acq: 10 Jun 2024 17:04

Instrument :
MSVOA_X
ClientSampleId :

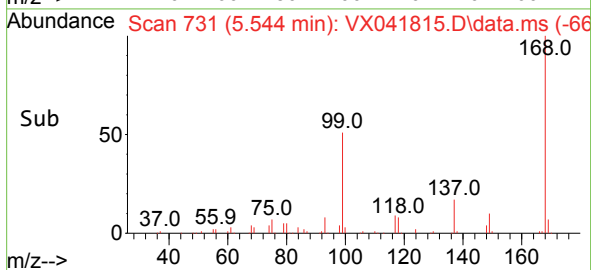
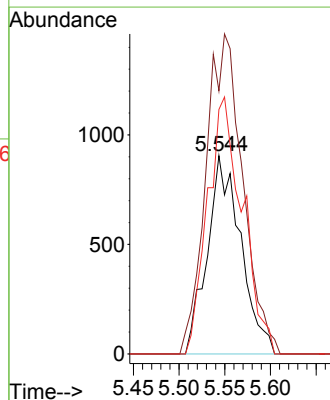
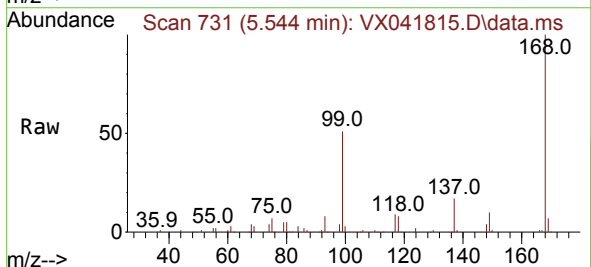


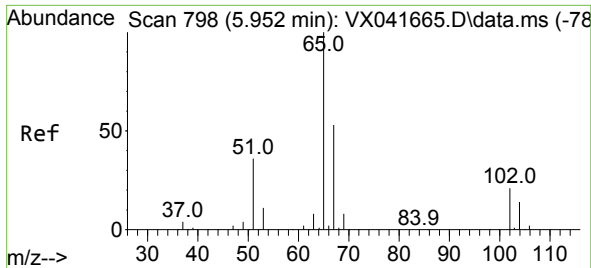
Tgt Ion:	84	Resp:	924
Ion	Ratio	Lower	Upper
84	100		
49	104.8	103.6	155.4
51	28.2	33.8	50.6#
86	47.0	49.4	74.0#



#31
Cyclohexane
Concen: 1.194 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX041815.D
Acq: 10 Jun 2024 17:04

Tgt Ion:	56	Resp:	2301
Ion	Ratio	Lower	Upper
56	100		
69	132.8	23.4	35.2#
84	123.3	65.9	98.9#

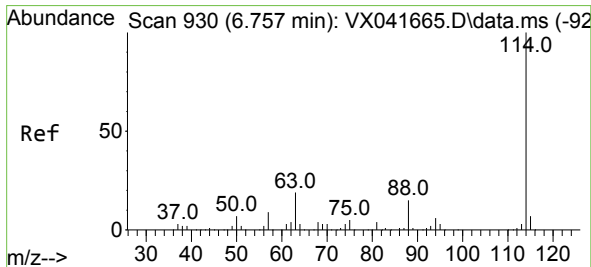
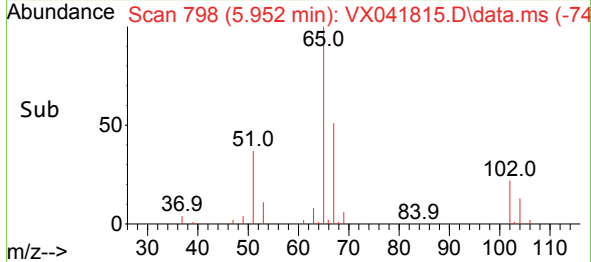
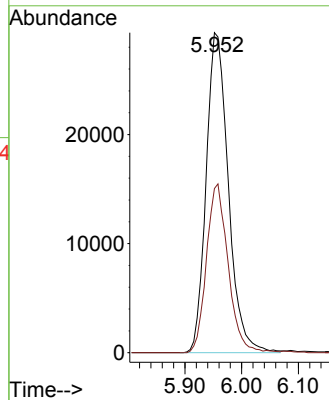
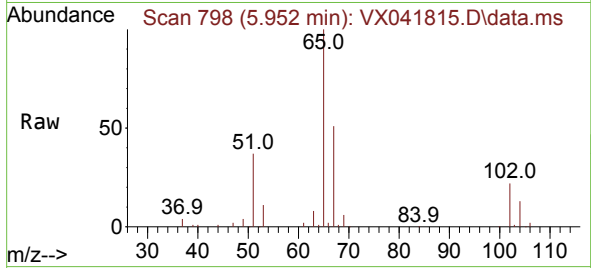




#33
1,2-Dichloroethane-d4
Concen: 48.938 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041815.D
Acq: 10 Jun 2024 17:04

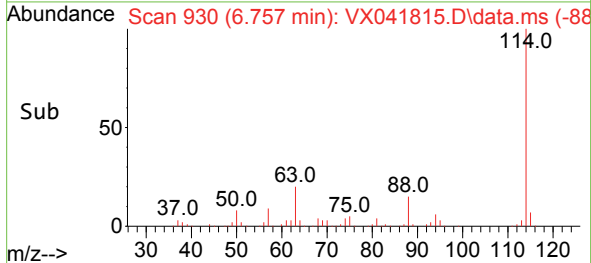
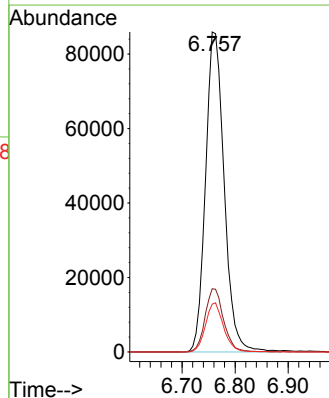
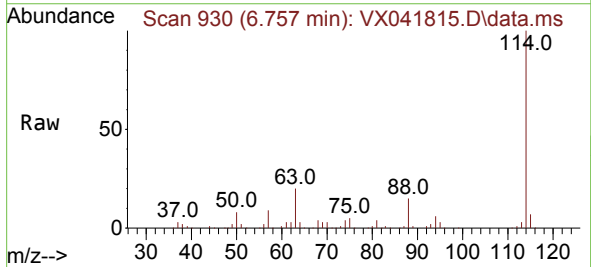
Instrument :
MSVOA_X
ClientSampleId :

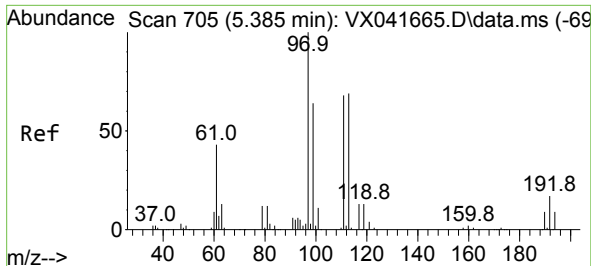
Tgt Ion: 65 Resp: 79865
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX041815.D
Acq: 10 Jun 2024 17:04

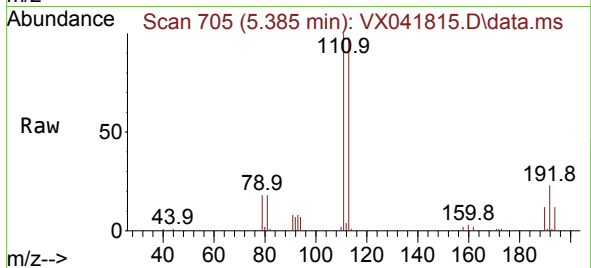
Tgt Ion: 114 Resp: 209667
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 14.9 0.0 36.6



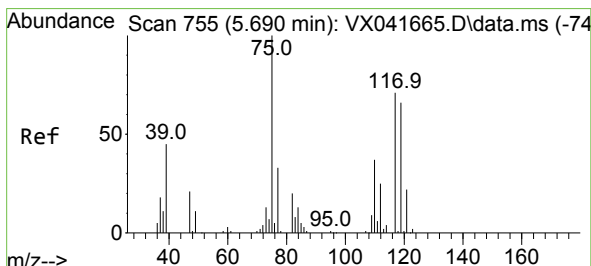
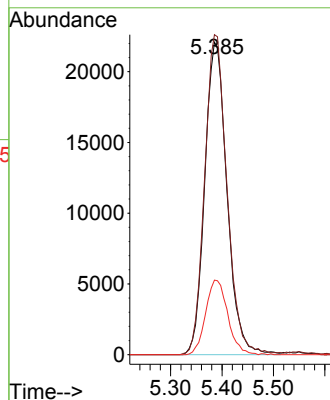
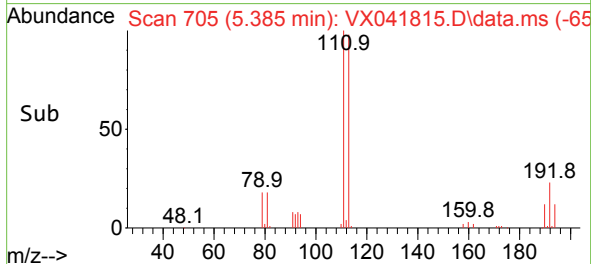


#35
Dibromofluoromethane
Concen: 45.770 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041815.D
Acq: 10 Jun 2024 17:04

Instrument :
MSVOA_X
ClientSampleId :

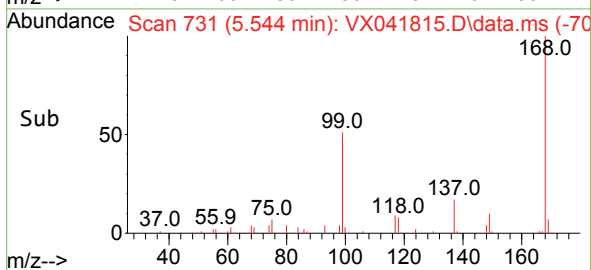
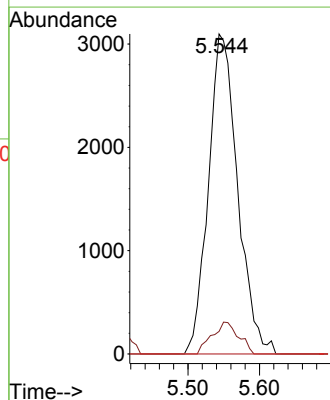
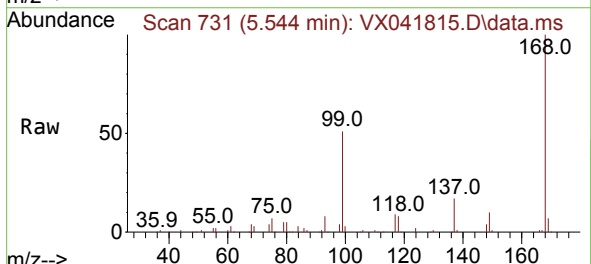


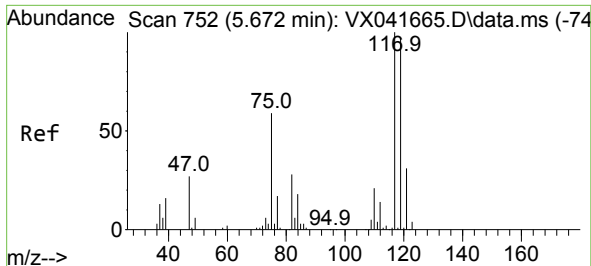
Tgt Ion:113 Resp: 66349
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 23.7 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.012 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041815.D
Acq: 10 Jun 2024 17:04

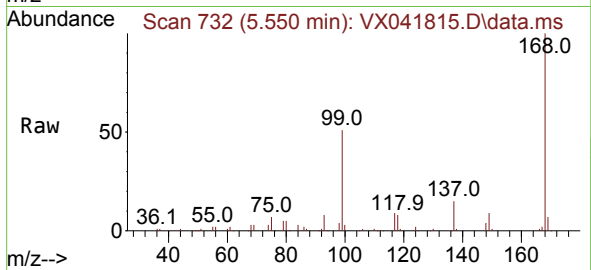
Tgt Ion: 75 Resp: 8797
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



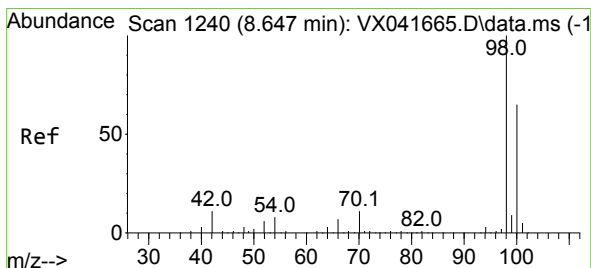
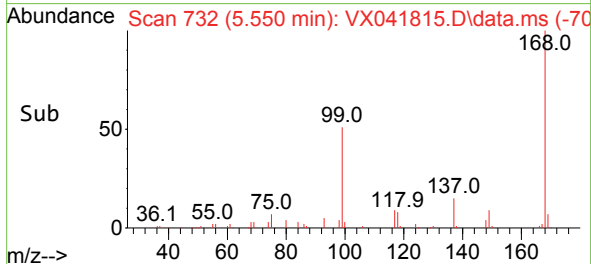
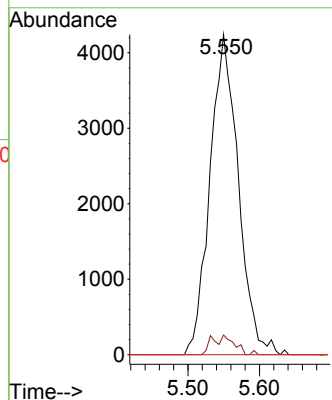


#38
Carbon Tetrachloride
Concen: 5.860 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041815.D
Acq: 10 Jun 2024 17:04

Instrument :
MSVOA_X
ClientSampleId :

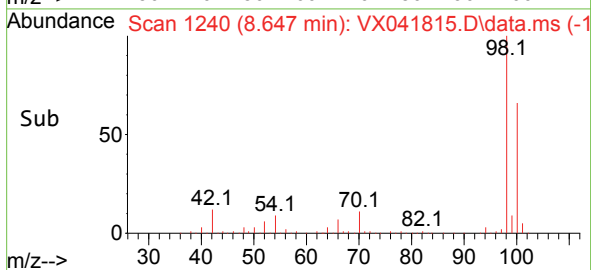
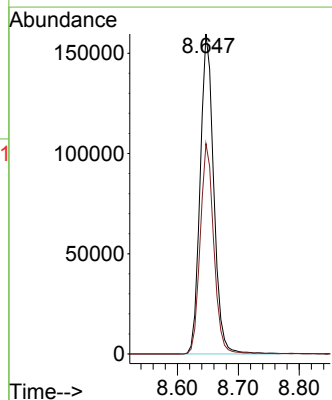
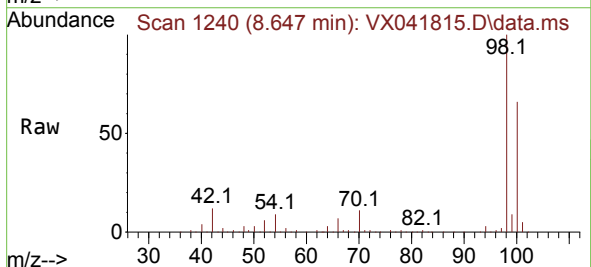


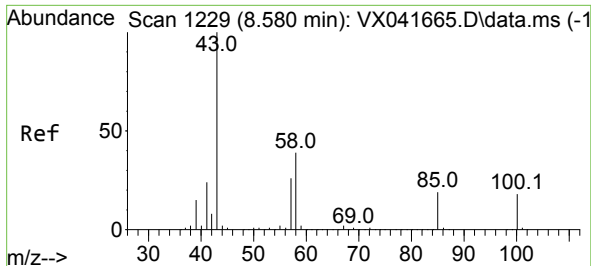
Tgt Ion:117 Resp: 11686
Ion Ratio Lower Upper
117 100
119 6.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.919 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041815.D
Acq: 10 Jun 2024 17:04

Tgt Ion: 98 Resp: 247785
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7

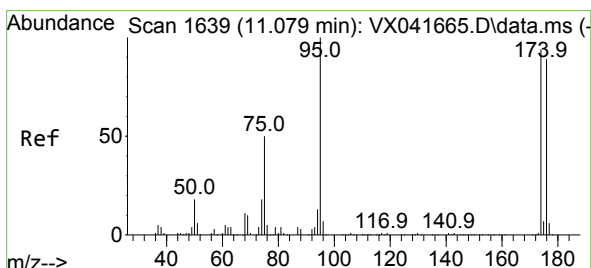
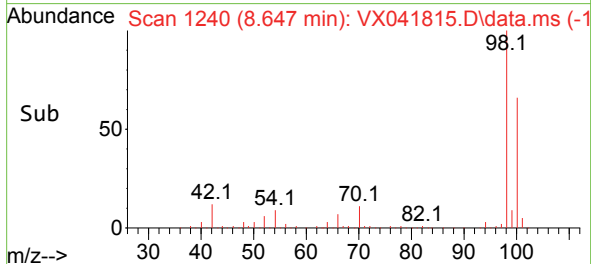
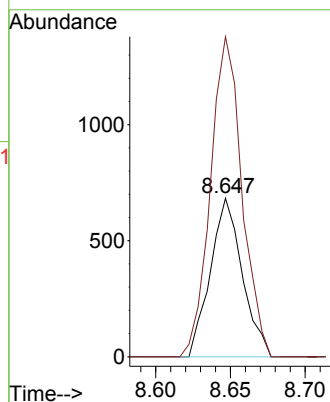
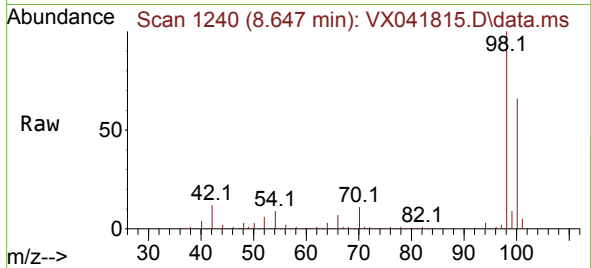




#51
4-Methyl-2-Pentanone
Concen: 0.467 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041815.D
Acq: 10 Jun 2024 17:04

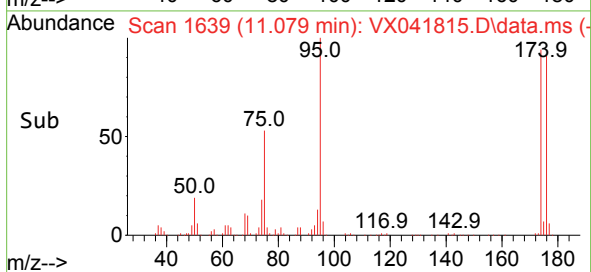
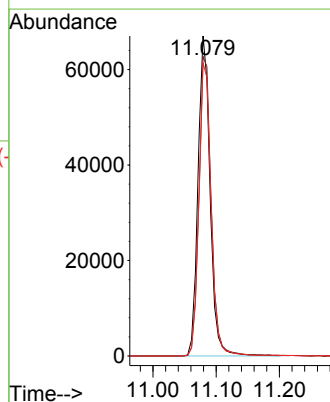
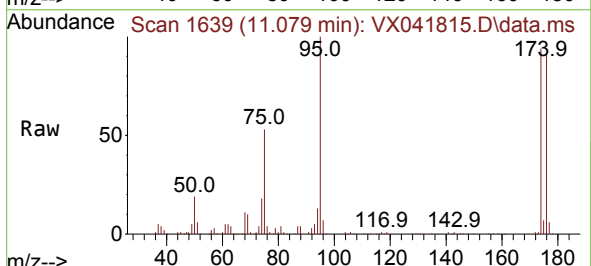
Instrument :
MSVOA_X
ClientSampleId :

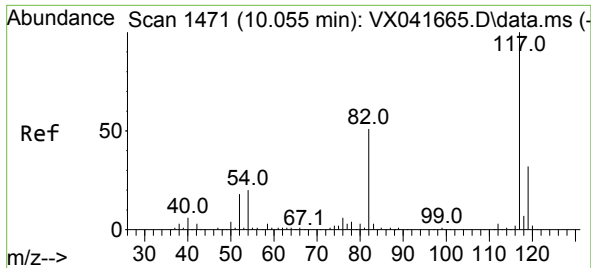
Tgt Ion: 43 Resp: 1012
Ion Ratio Lower Upper
43 100
58 199.5 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.704 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041815.D
Acq: 10 Jun 2024 17:04

Tgt Ion: 95 Resp: 89180
Ion Ratio Lower Upper
95 100
174 95.3 0.0 135.6
176 92.5 0.0 131.0

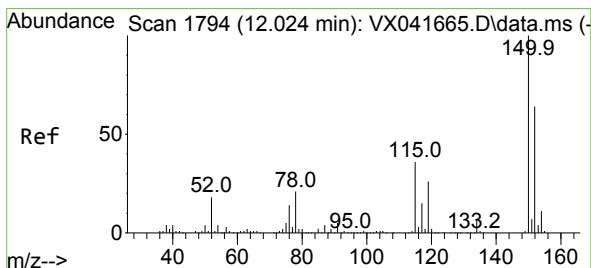
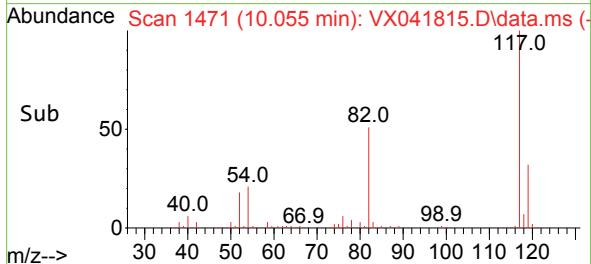
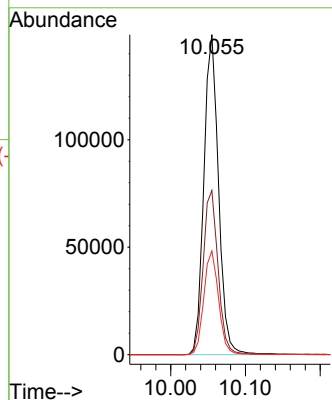
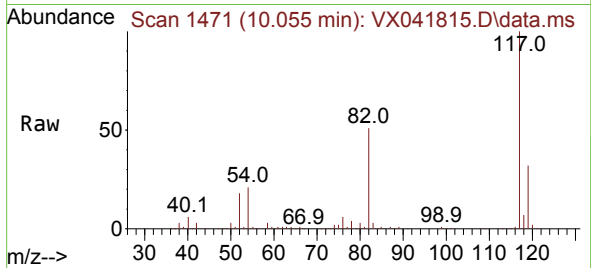




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041815.D
Acq: 10 Jun 2024 17:04

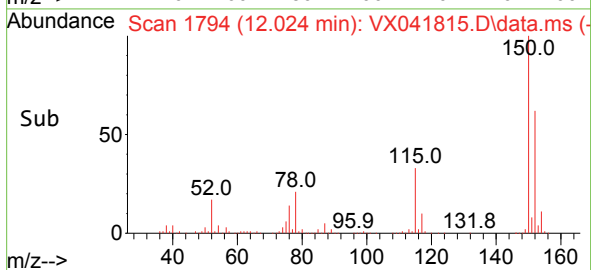
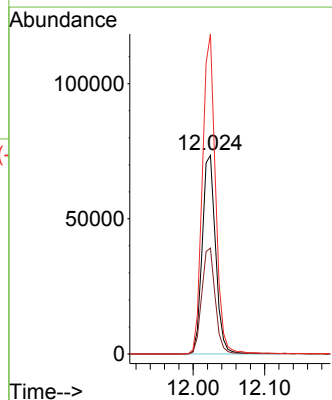
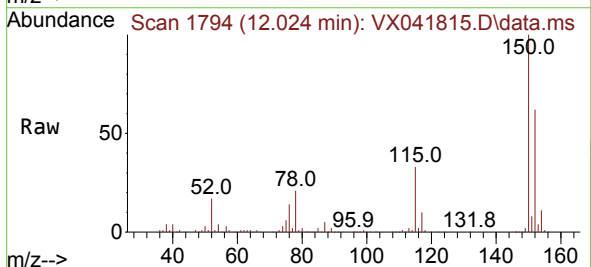
Instrument :
MSVOA_X
ClientSampleId :

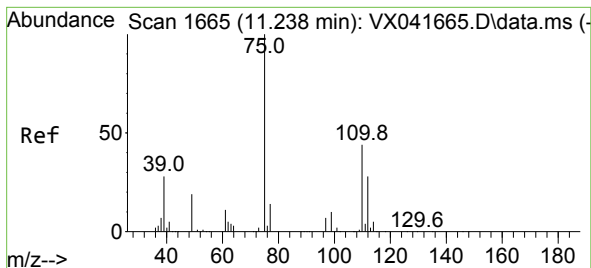
Tgt Ion:117 Resp: 203033
Ion Ratio Lower Upper
117 100
82 51.3 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041815.D
Acq: 10 Jun 2024 17:04

Tgt Ion:152 Resp: 95921
Ion Ratio Lower Upper
152 100
115 53.7 43.3 129.9
150 157.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.933 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041815.D

Acq: 10 Jun 2024 17:04

Instrument :

MSVOA_X

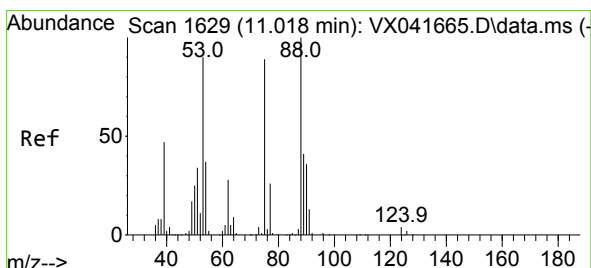
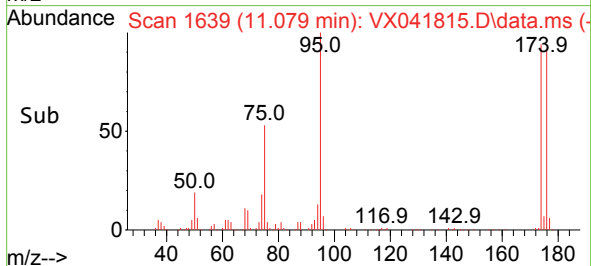
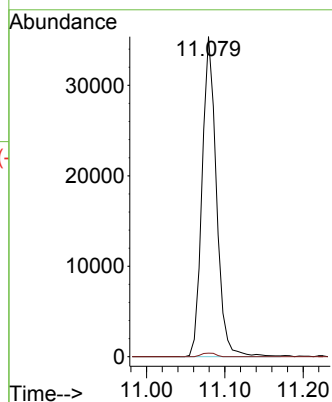
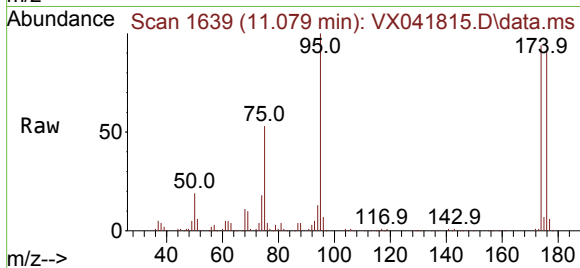
ClientSampleId :

Tgt Ion: 75 Resp: 45075

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.405 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041815.D

Acq: 10 Jun 2024 17:04

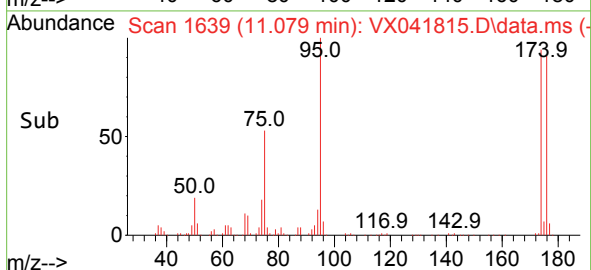
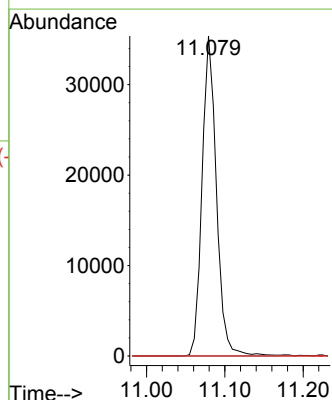
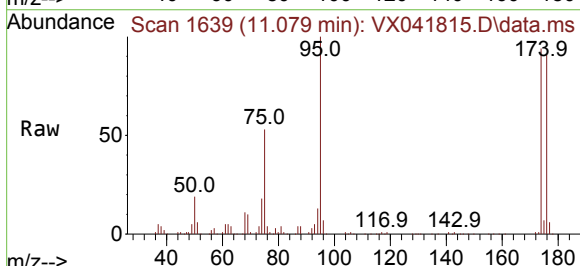
Tgt Ion: 75 Resp: 45075

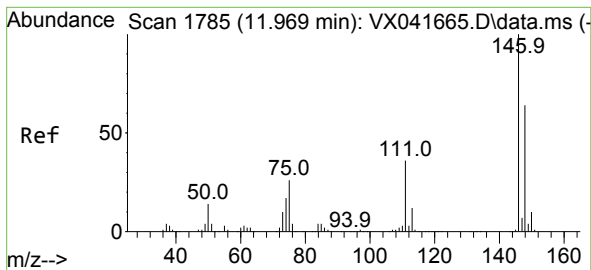
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#87

1,3-Dichlorobenzene

Concen: 0.216 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.073 min

Lab File: VX041815.D

Acq: 10 Jun 2024 17:04

Instrument :

MSVOA_X

ClientSampleId :

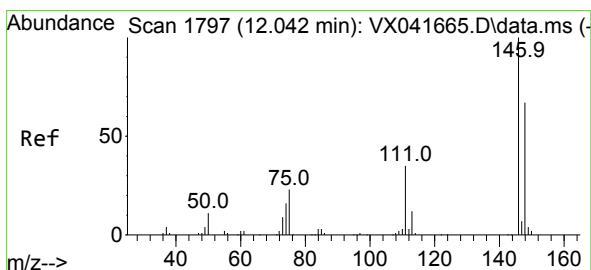
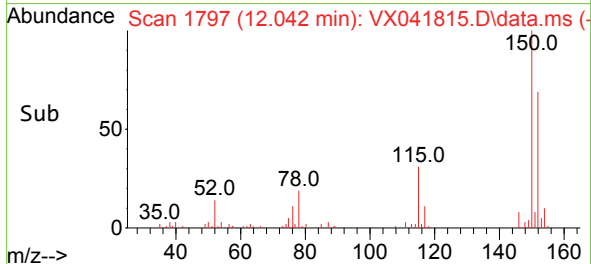
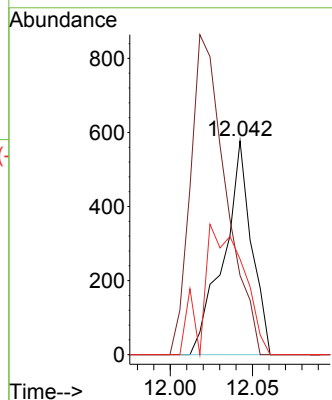
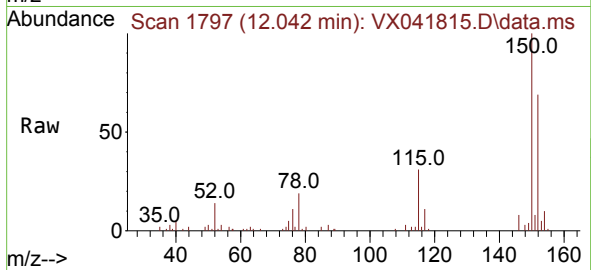
Tgt Ion:146 Resp: 678

Ion Ratio Lower Upper

146 100

111 0.0 22.1 66.1#

148 0.0 31.8 95.3#



#88

1,4-Dichlorobenzene

Concen: 0.210 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041815.D

Acq: 10 Jun 2024 17:04

Tgt Ion:146 Resp: 678

Ion Ratio Lower Upper

146 100

111 0.0 21.3 63.7#

148 0.0 31.8 95.4#

