

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
 Data File : VX042139.D
 Acq On : 02 Jul 2024 14:58
 Operator : JC/MD
 Sample : P3123-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 03 03:34:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

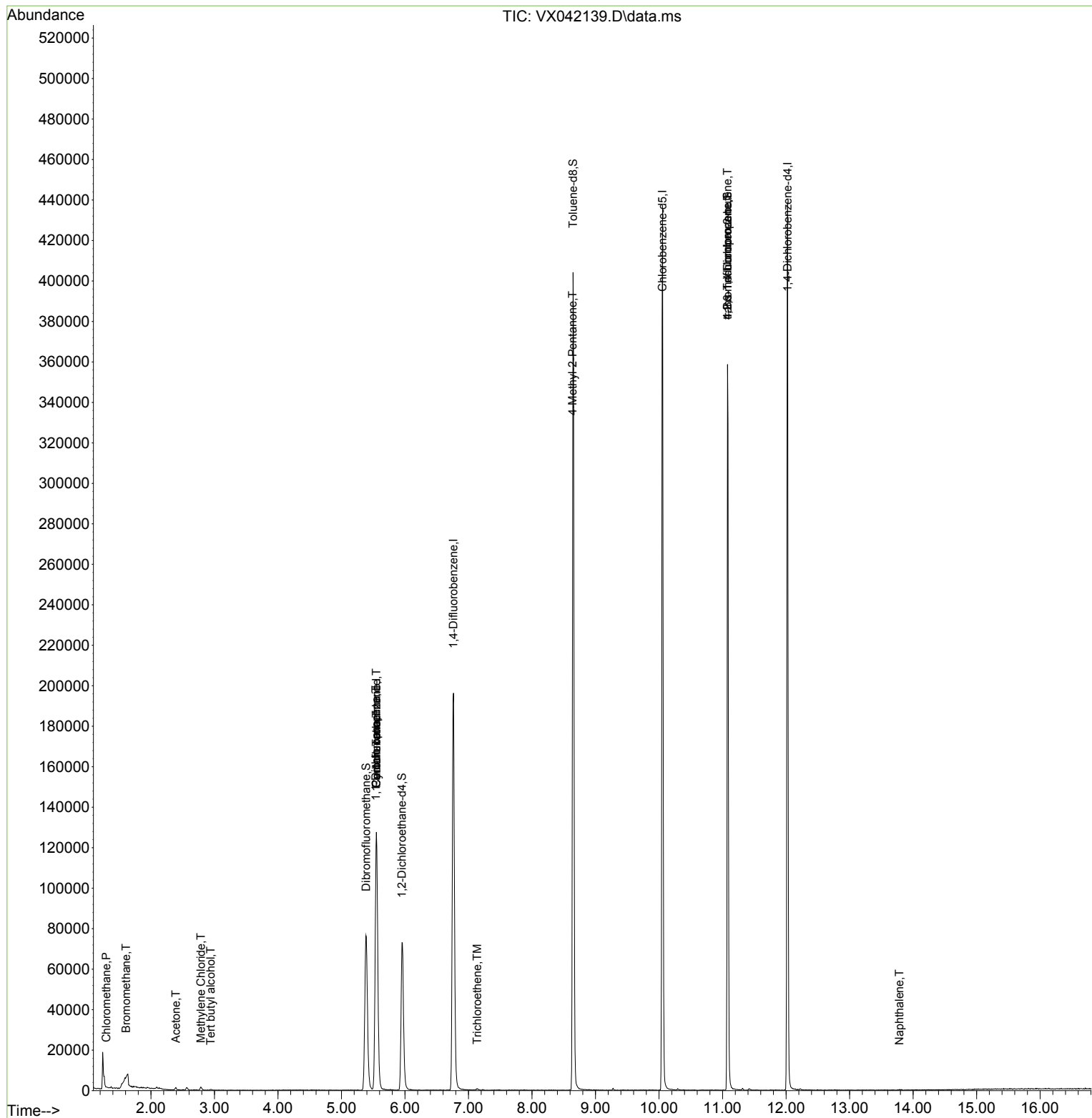
Internal Standards						
1) Pentafluorobenzene	5.549	168	141122	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	219267	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70722	43.459	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.920%
35) Dibromofluoromethane	5.385	113	68126	43.788	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.580%
50) Toluene-d8	8.646	98	254769	46.613	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.220%
62) 4-Bromofluorobenzene	11.079	95	96612	47.952	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.900%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	303	0.225	ug/l	# 43
5) Bromomethane	1.605	94	334	0.500	ug/l	# 56
6) Chloroethane	1.654	64	103	Below Cal		# 43
11) Tert butyl alcohol	2.940	59	203	0.657	ug/l	# 78
16) Acetone	2.391	43	1241	1.737	ug/l	91
20) Methylene Chloride	2.788	84	847	0.541	ug/l	# 88
31) Cyclohexane	5.549	56	1861	0.978	ug/l	# 1
36) 1,1-Dichloropropene	5.543	75	7886	4.773	ug/l	# 50
38) Carbon Tetrachloride	5.549	117	11719	6.420	ug/l	# 15
44) Trichloroethene	7.135	130	318	0.213	ug/l	85
51) 4-Methyl-2-Pentanone	8.640	43	882	0.388	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	43335	22.401	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	43335	63.616	ug/l	# 5
95) Naphthalene	13.786	128	324	0.790	ug/l	# 69

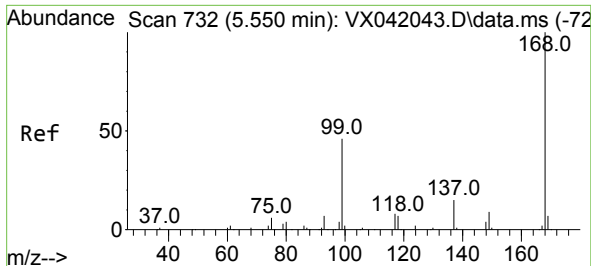
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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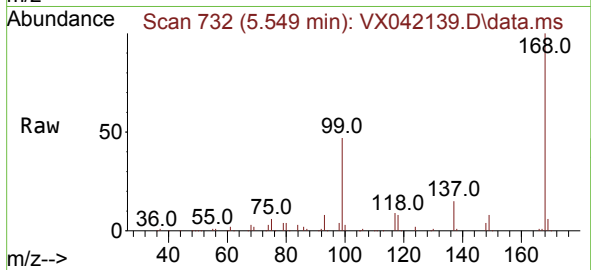
Quant Time: Jul 03 03:34:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
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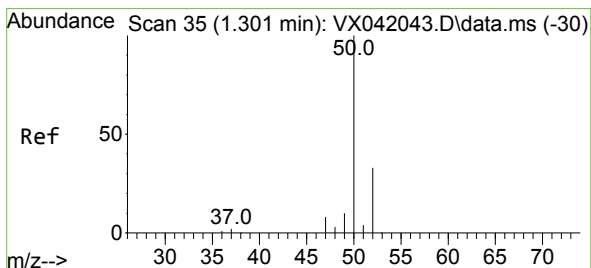
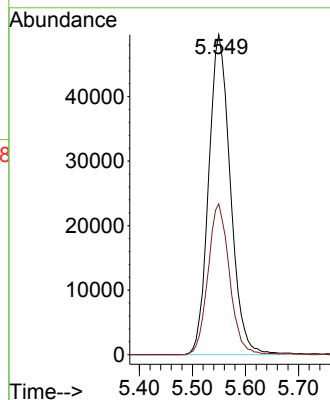
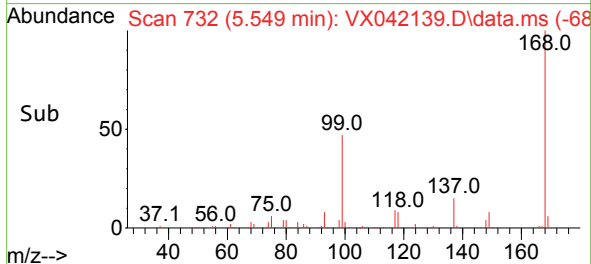


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX042139.D
Acq: 02 Jul 2024 14:58

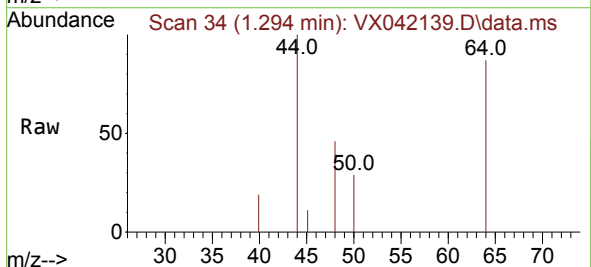
Instrument : MSVOA_X
ClientSampleId :



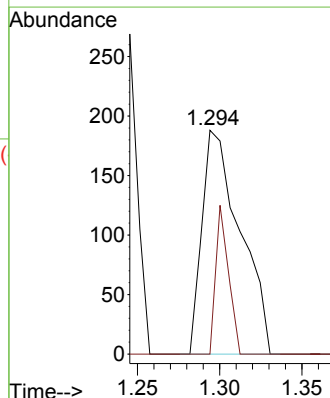
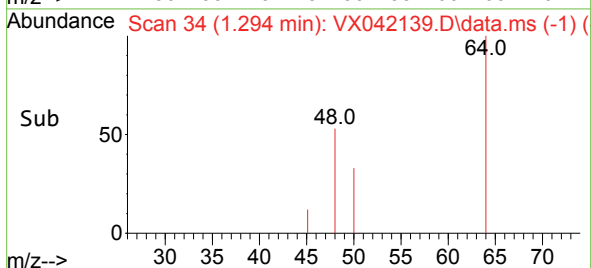
Tgt Ion:168 Resp: 141122
Ion Ratio Lower Upper
168 100
99 47.2 56.6 85.0#

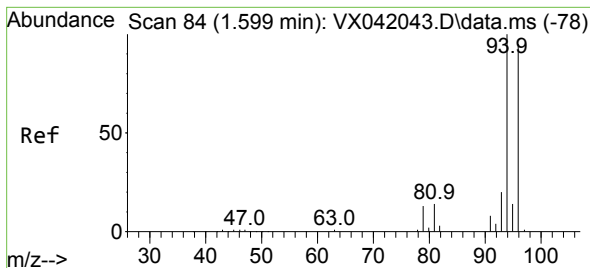


#3
Chloromethane
Concen: 0.225 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX042139.D
Acq: 02 Jul 2024 14:58



Tgt Ion: 50 Resp: 303
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#





#5

Bromomethane

Concen: 0.500 ug/l

RT: 1.605 min Scan# 84

Delta R.T. 0.006 min

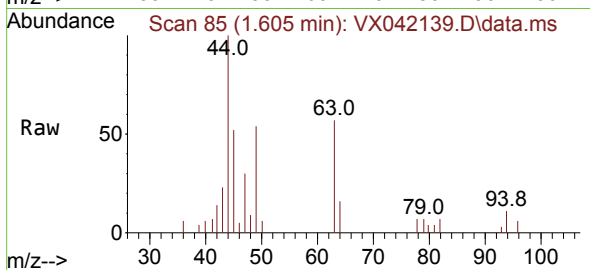
Lab File: VX042139.D

Acq: 02 Jul 2024 14:58

Instrument :

MSVOA_X

ClientSampleId :

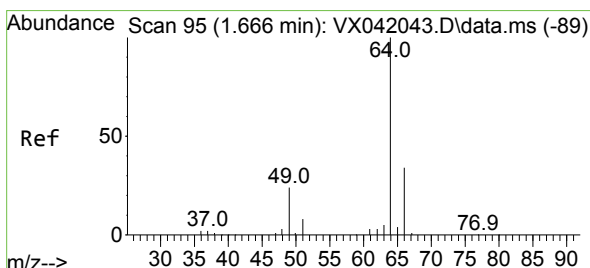
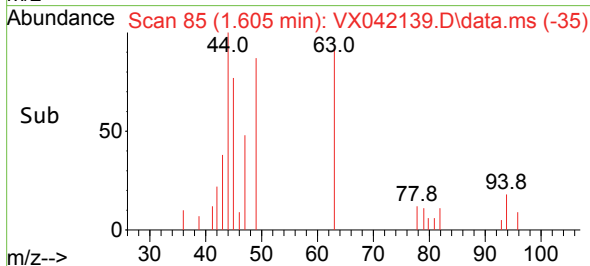
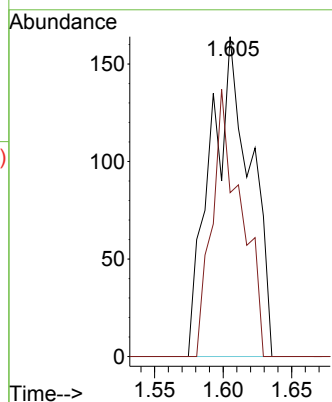


Tgt Ion: 94 Resp: 334

Ion Ratio Lower Upper

94 100

96 51.2 74.6 111.8#



#6

Chloroethane

Concen: Below Cal

RT: 1.654 min Scan# 93

Delta R.T. -0.006 min

Lab File: VX042139.D

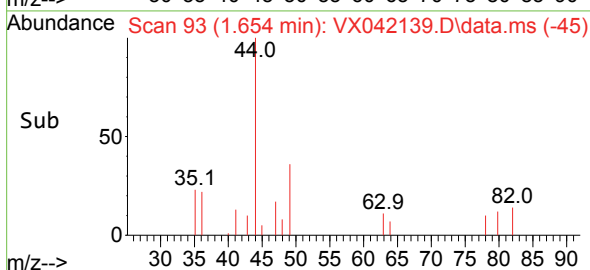
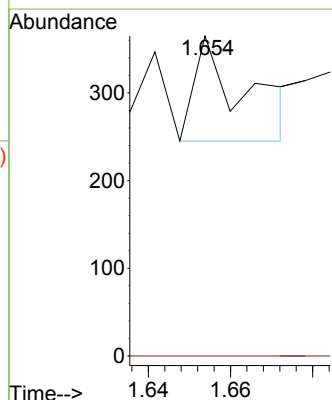
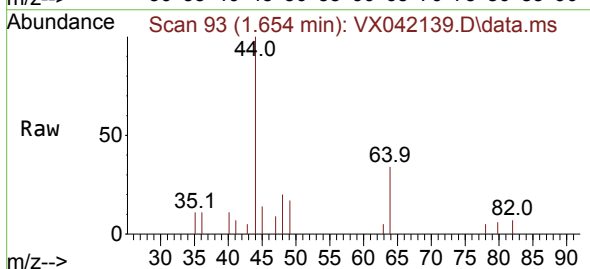
Acq: 02 Jul 2024 14:58

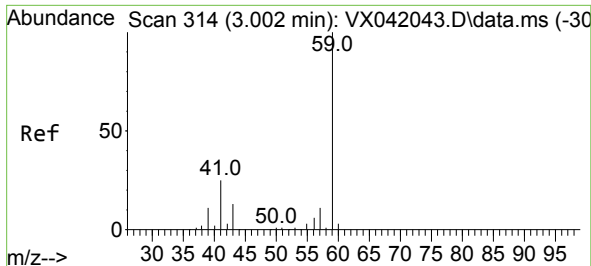
Tgt Ion: 64 Resp: 103

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.657 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.067 min

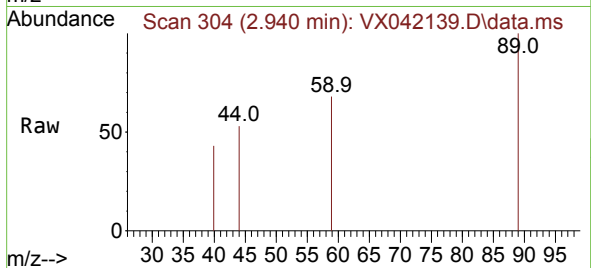
Lab File: VX042139.D

Acq: 02 Jul 2024 14:58

Instrument :

MSVOA_X

ClientSampleId :

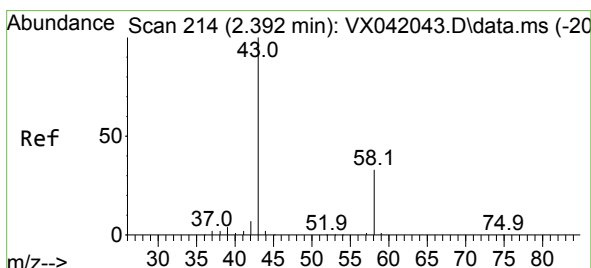
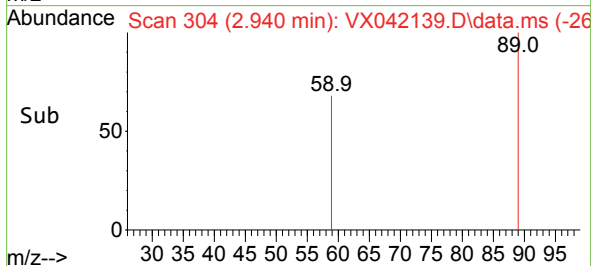
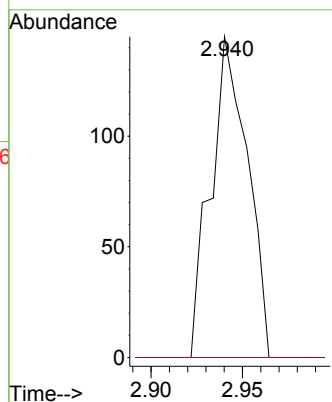


Tgt Ion: 59 Resp: 203

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.737 ug/l

RT: 2.391 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042139.D

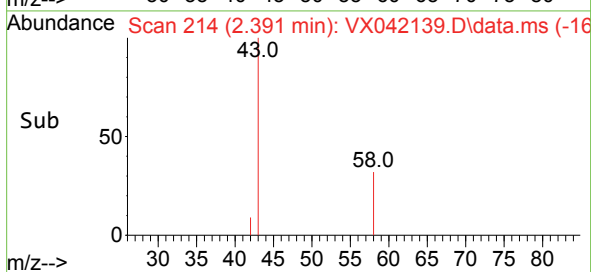
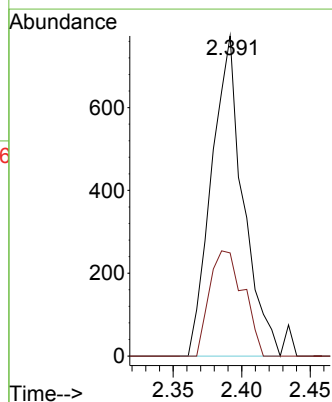
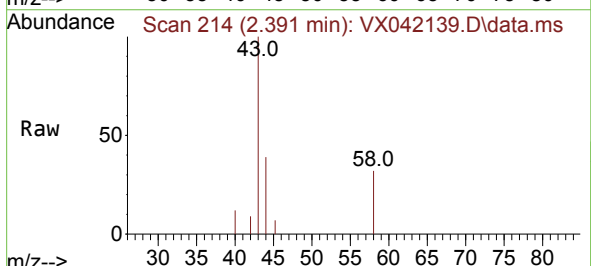
Acq: 02 Jul 2024 14:58

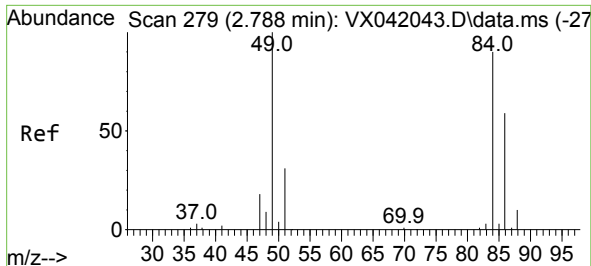
Tgt Ion: 43 Resp: 1241

Ion Ratio Lower Upper

43 100

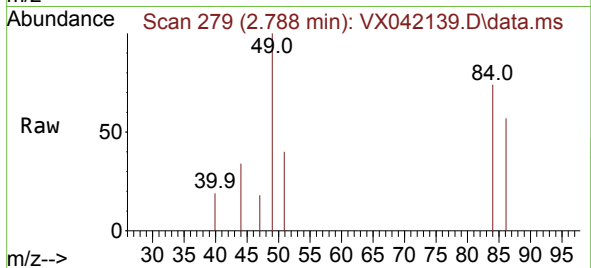
58 32.2 21.9 32.9



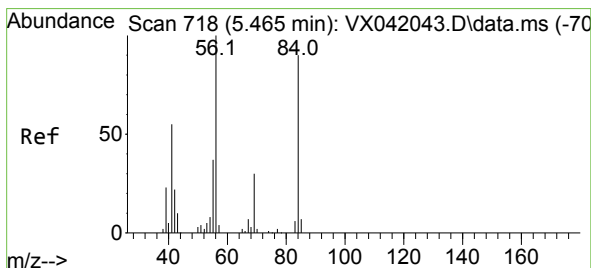
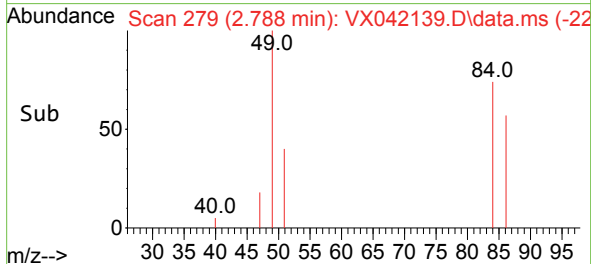
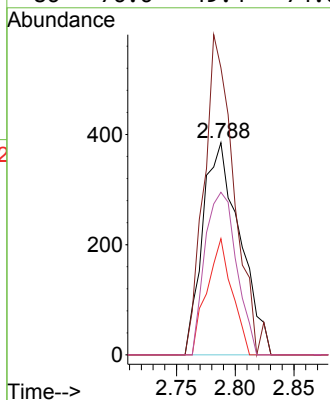


#20
Methylene Chloride
Concen: 0.541 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042139.D
Acq: 02 Jul 2024 14:58

Instrument :
MSVOA_X
ClientSampleId :

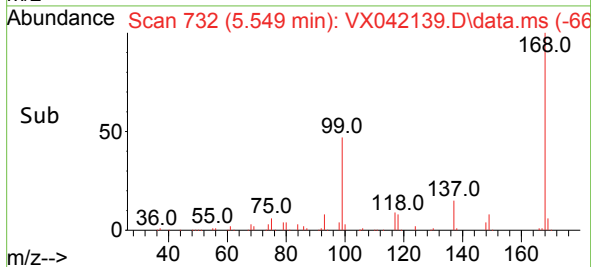
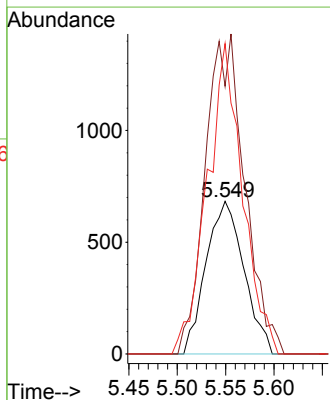
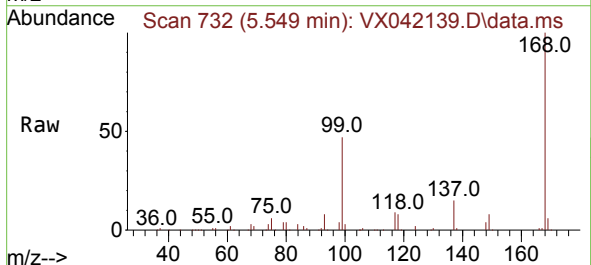


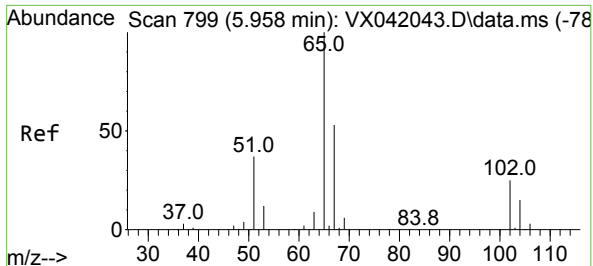
Tgt Ion:	84	Resp:	847
Ion	Ratio	Lower	Upper
84	100		
49	135.3	103.6	155.4
51	54.8	33.8	50.6#
86	76.6	49.4	74.0#



#31
Cyclohexane
Concen: 0.978 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX042139.D
Acq: 02 Jul 2024 14:58

Tgt Ion:	56	Resp:	1861
Ion	Ratio	Lower	Upper
56	100		
69	175.4	23.4	35.2#
84	203.4	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.459 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042139.D

Acq: 02 Jul 2024 14:58

Instrument :

MSVOA_X

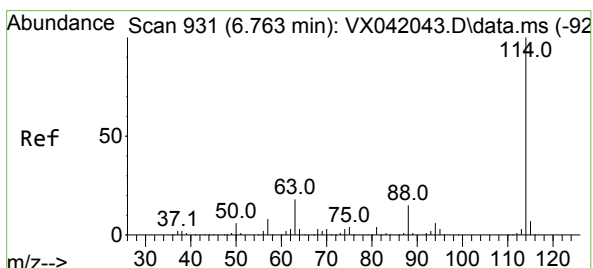
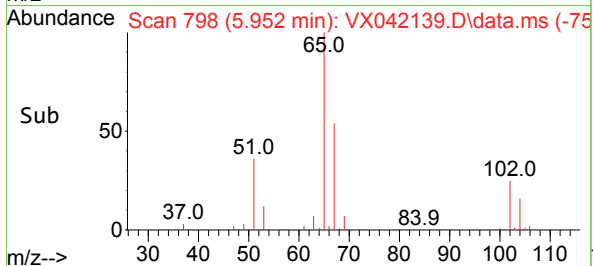
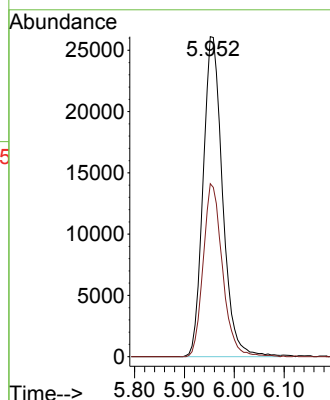
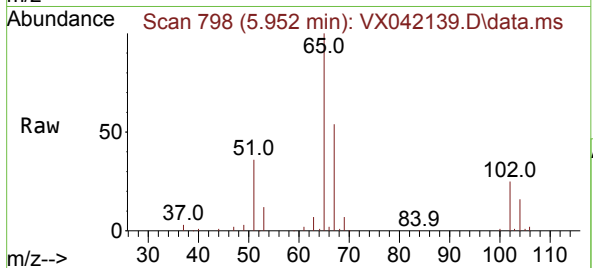
ClientSampleId :

Tgt Ion: 65 Resp: 70722

Ion Ratio Lower Upper

65 100

67 53.6 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: VX042139.D

Acq: 02 Jul 2024 14:58

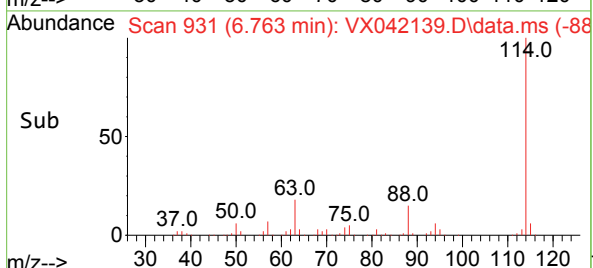
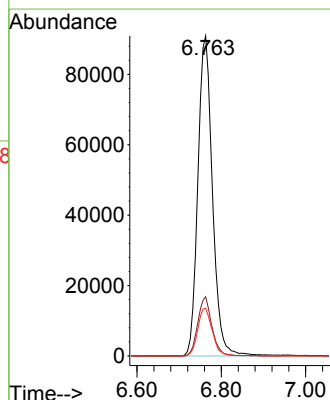
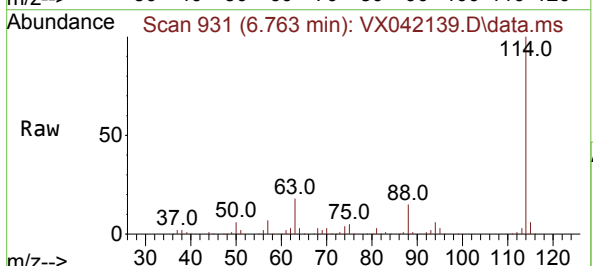
Tgt Ion: 114 Resp: 219267

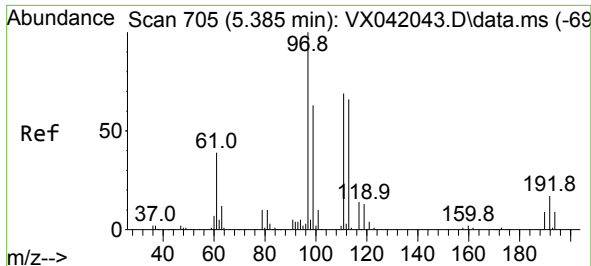
Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

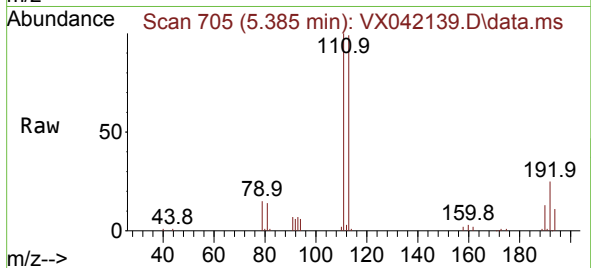
88 14.9 0.0 36.6



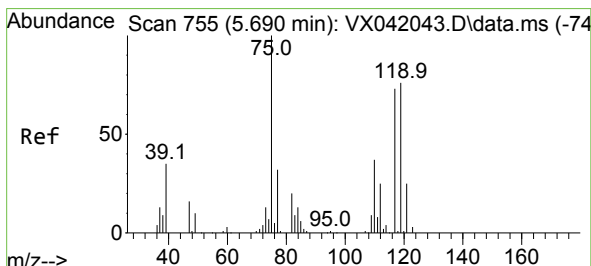
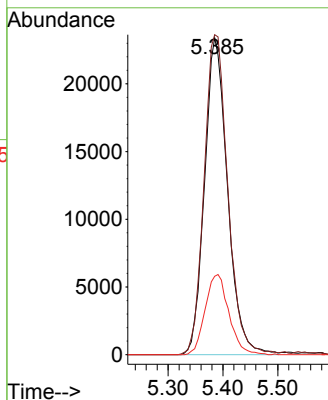
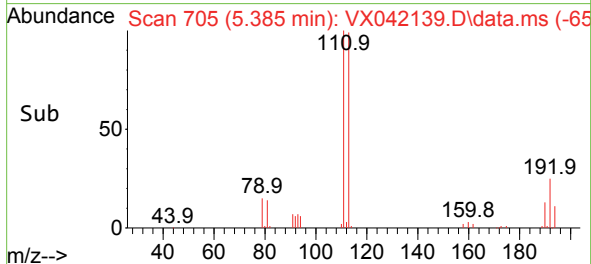


#35
Dibromofluoromethane
Concen: 43.788 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042139.D
Acq: 02 Jul 2024 14:58

Instrument :
MSVOA_X
ClientSampleId :

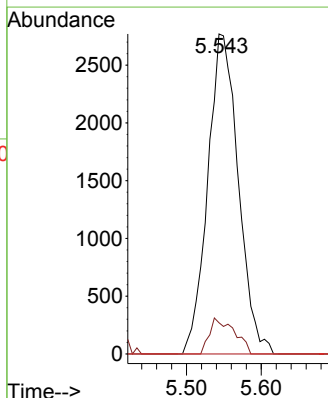
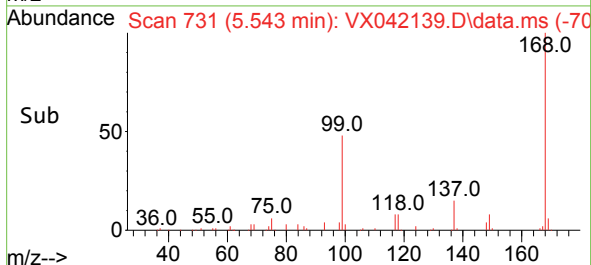
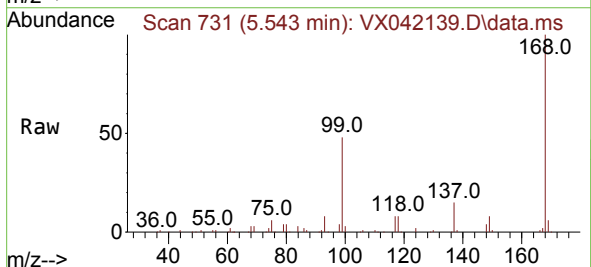


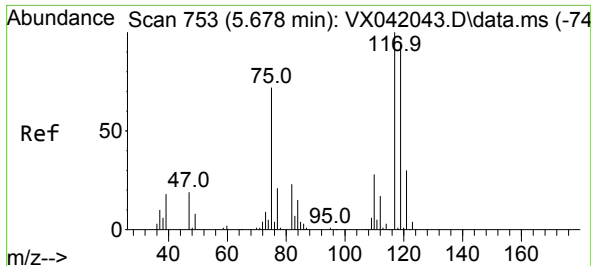
Tgt Ion:113 Resp: 68126
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 26.1 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.773 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.147 min
Lab File: VX042139.D
Acq: 02 Jul 2024 14:58

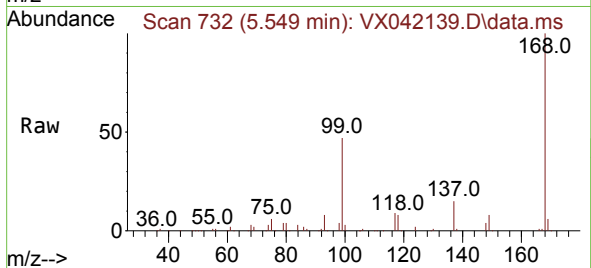
Tgt Ion: 75 Resp: 7886
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



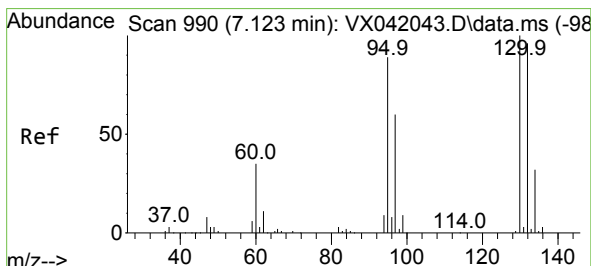
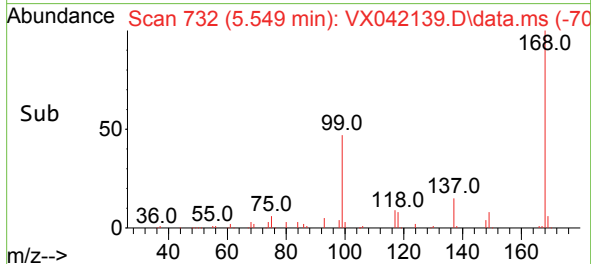
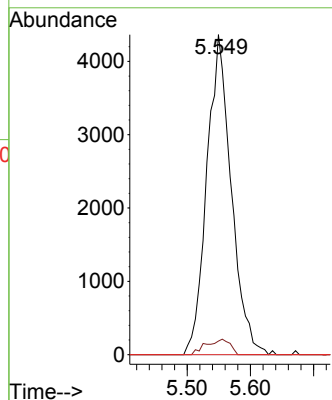


#38
Carbon Tetrachloride
Concen: 6.420 ug/l
RT: 5.549 min Scan# 719
Delta R.T. -0.128 min
Lab File: VX042139.D
Acq: 02 Jul 2024 14:58

Instrument :
MSVOA_X
ClientSampleId :

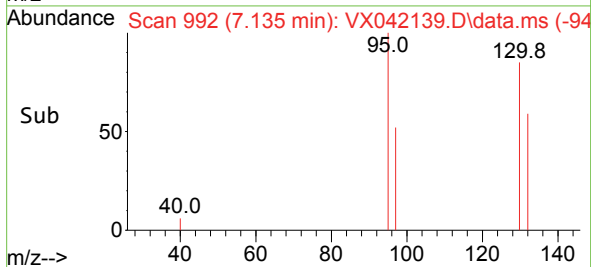
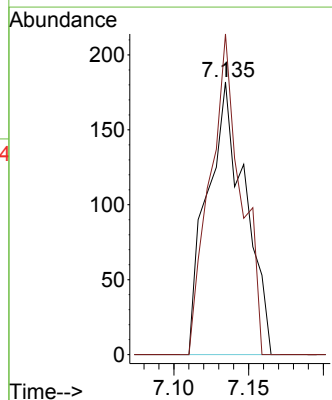
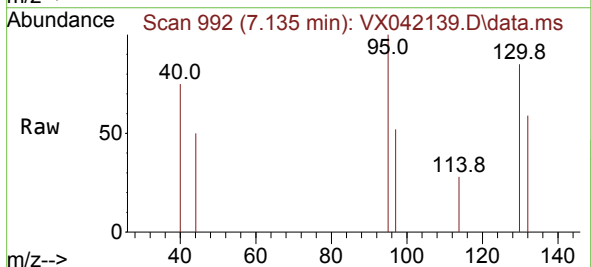


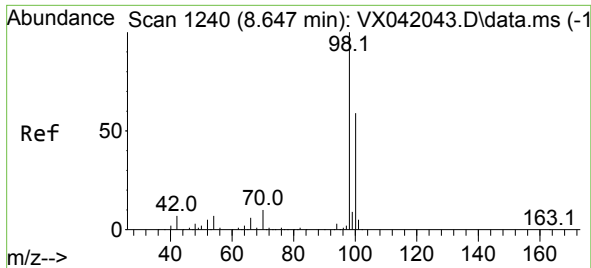
Tgt Ion:117 Resp: 11719
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.213 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX042139.D
Acq: 02 Jul 2024 14:58

Tgt Ion:130 Resp: 318
Ion Ratio Lower Upper
130 100
95 117.6 0.0 204.4

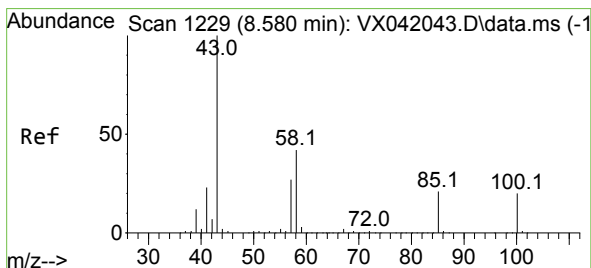
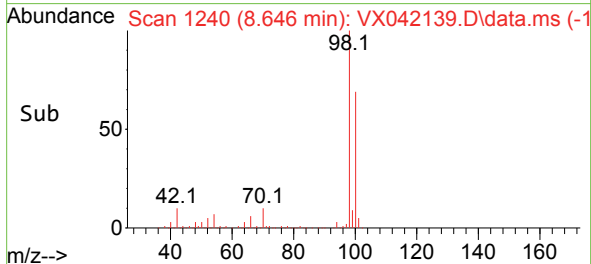
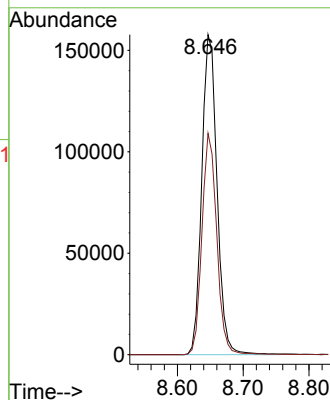
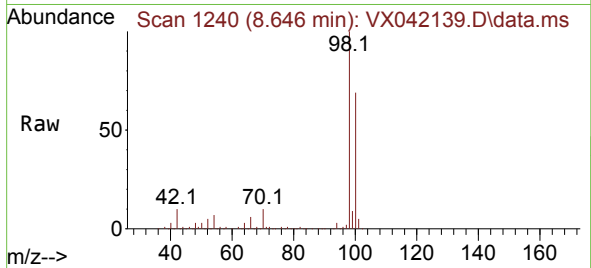




#50
Toluene-d8
Concen: 46.613 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042139.D
Acq: 02 Jul 2024 14:58

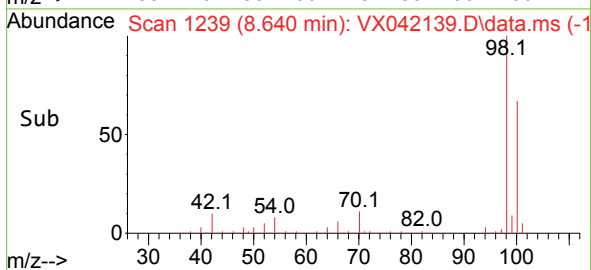
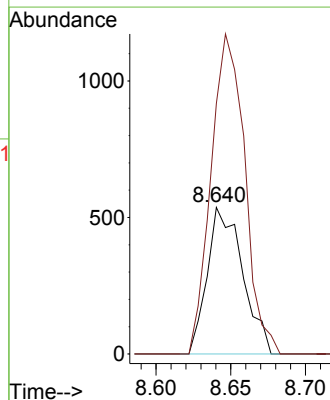
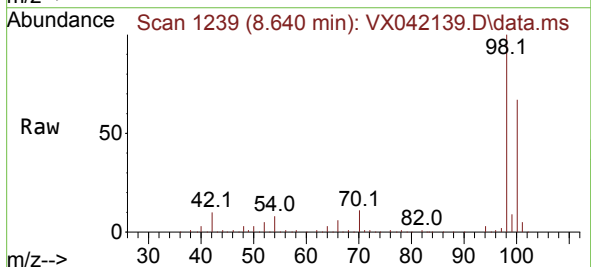
Instrument :
MSVOA_X
ClientSampleId :

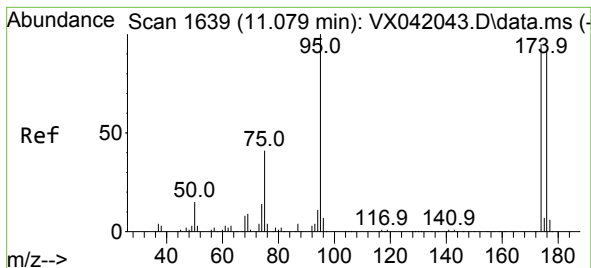
Tgt Ion: 98 Resp: 254769
Ion Ratio Lower Upper
98 100
100 67.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.388 ug/l
RT: 8.640 min Scan# 1239
Delta R.T. 0.061 min
Lab File: VX042139.D
Acq: 02 Jul 2024 14:58

Tgt Ion: 43 Resp: 882
Ion Ratio Lower Upper
43 100
58 208.7 30.4 45.6#

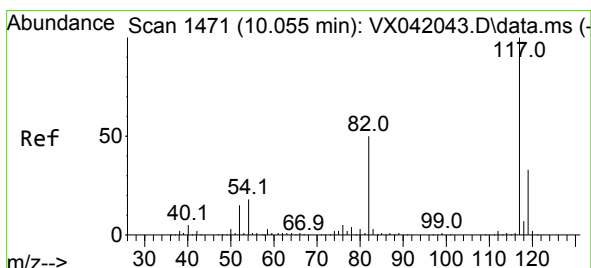
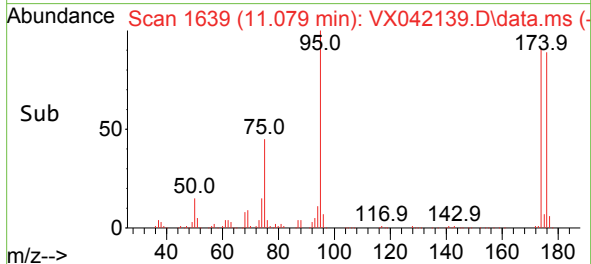
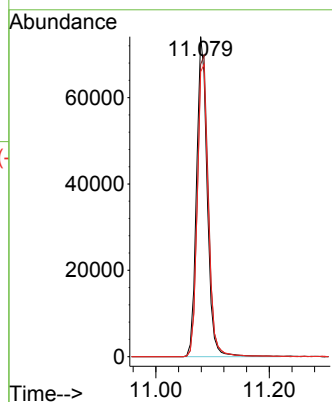
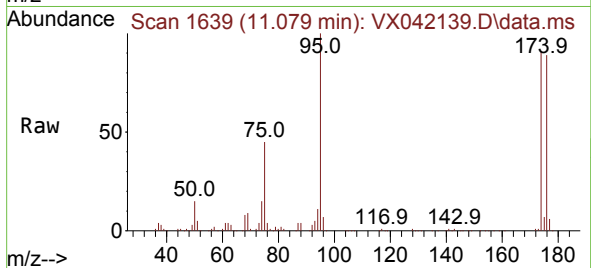




#62
4-Bromofluorobenzene
Concen: 47.952 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042139.D
Acq: 02 Jul 2024 14:58

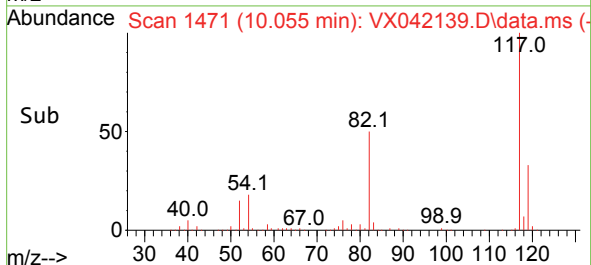
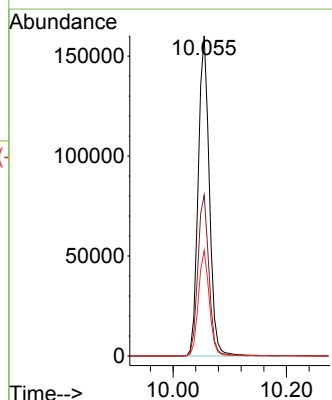
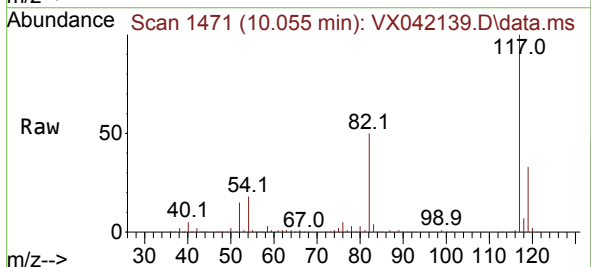
Instrument :
MSVOA_X
ClientSampleId :

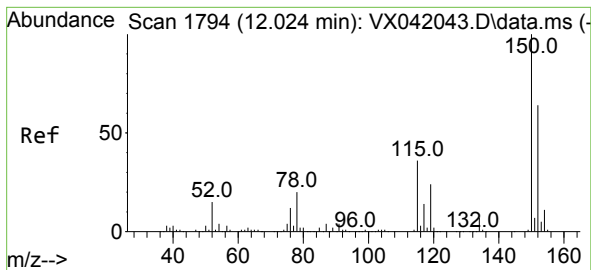
Tgt Ion: 95 Resp: 96612
Ion Ratio Lower Upper
95 100
174 97.9 0.0 135.6
176 95.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042139.D
Acq: 02 Jul 2024 14:58

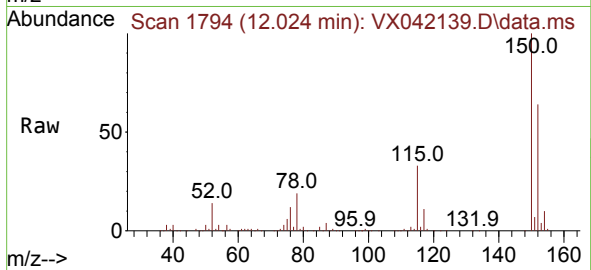
Tgt Ion: 117 Resp: 218221
Ion Ratio Lower Upper
117 100
82 50.2 46.2 69.4
119 32.9 25.5 38.3



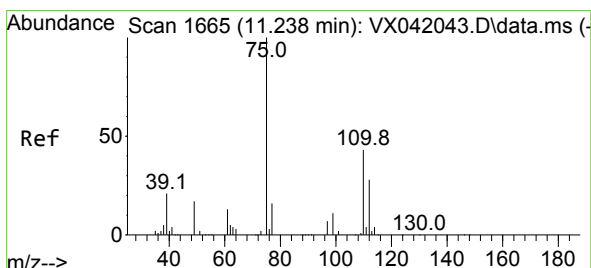
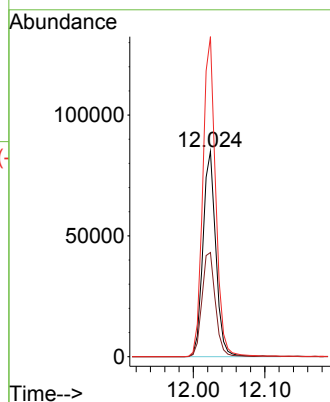
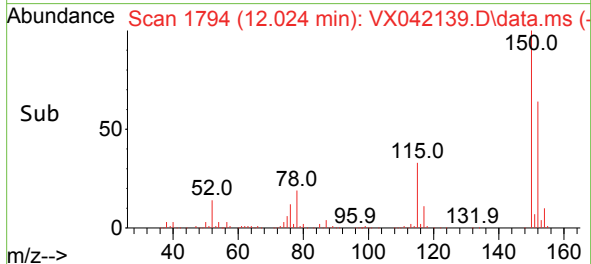


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042139.D
Acq: 02 Jul 2024 14:58

Instrument :
MSVOA_X
ClientSampleId :

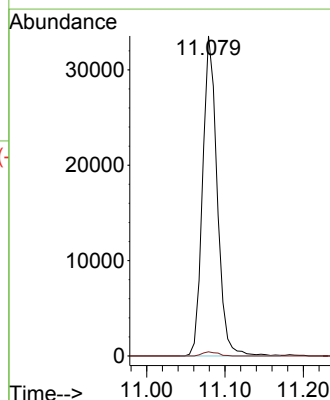
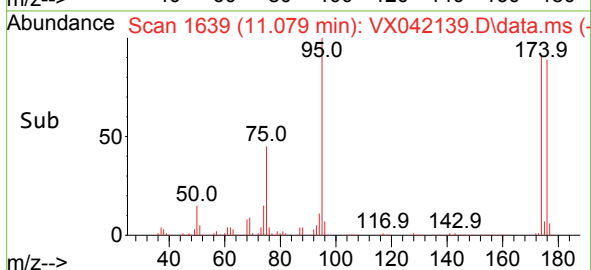
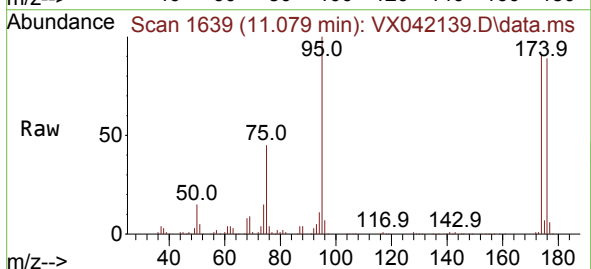


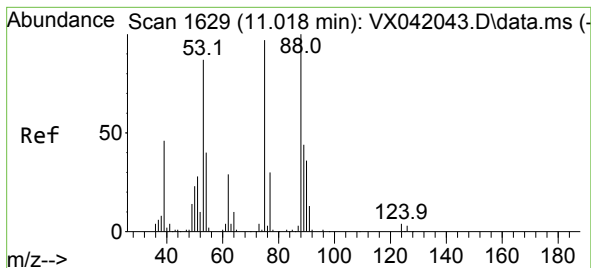
Tgt Ion:152 Resp: 106562
Ion Ratio Lower Upper
152 100
115 52.9 43.3 129.9
150 155.6 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 22.401 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042139.D
Acq: 02 Jul 2024 14:58

Tgt Ion: 75 Resp: 43335
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#

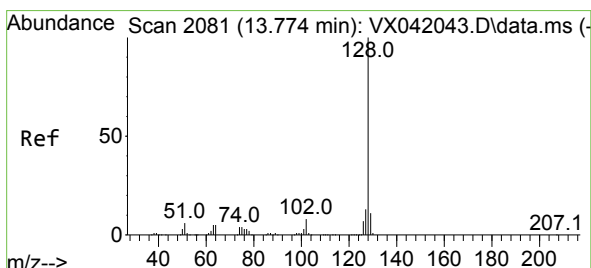
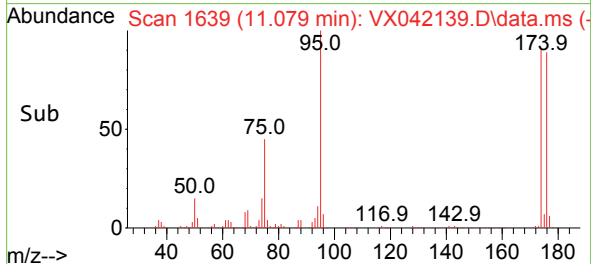
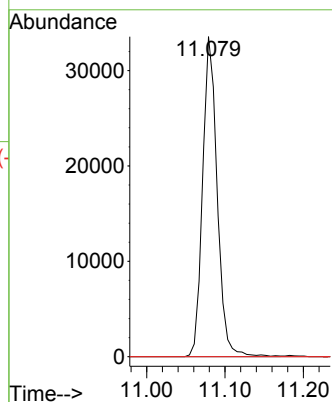
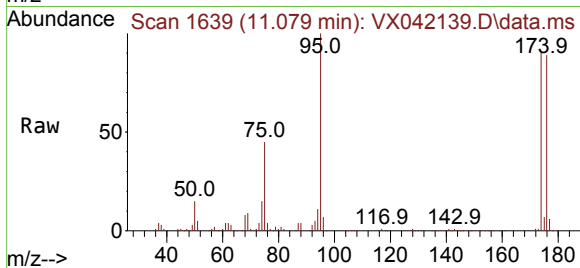




#81
trans-1,4-Dichloro-2-butene
Concen: 63.616 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042139.D
Acq: 02 Jul 2024 14:58

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 43335
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.790 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042139.D
Acq: 02 Jul 2024 14:58

Tgt Ion:128 Resp: 324
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

