

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062624\
 Data File : VX042063.D
 Acq On : 26 Jun 2024 19:09
 Operator : JC/MD
 Sample : P3073-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 08:57:20 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)

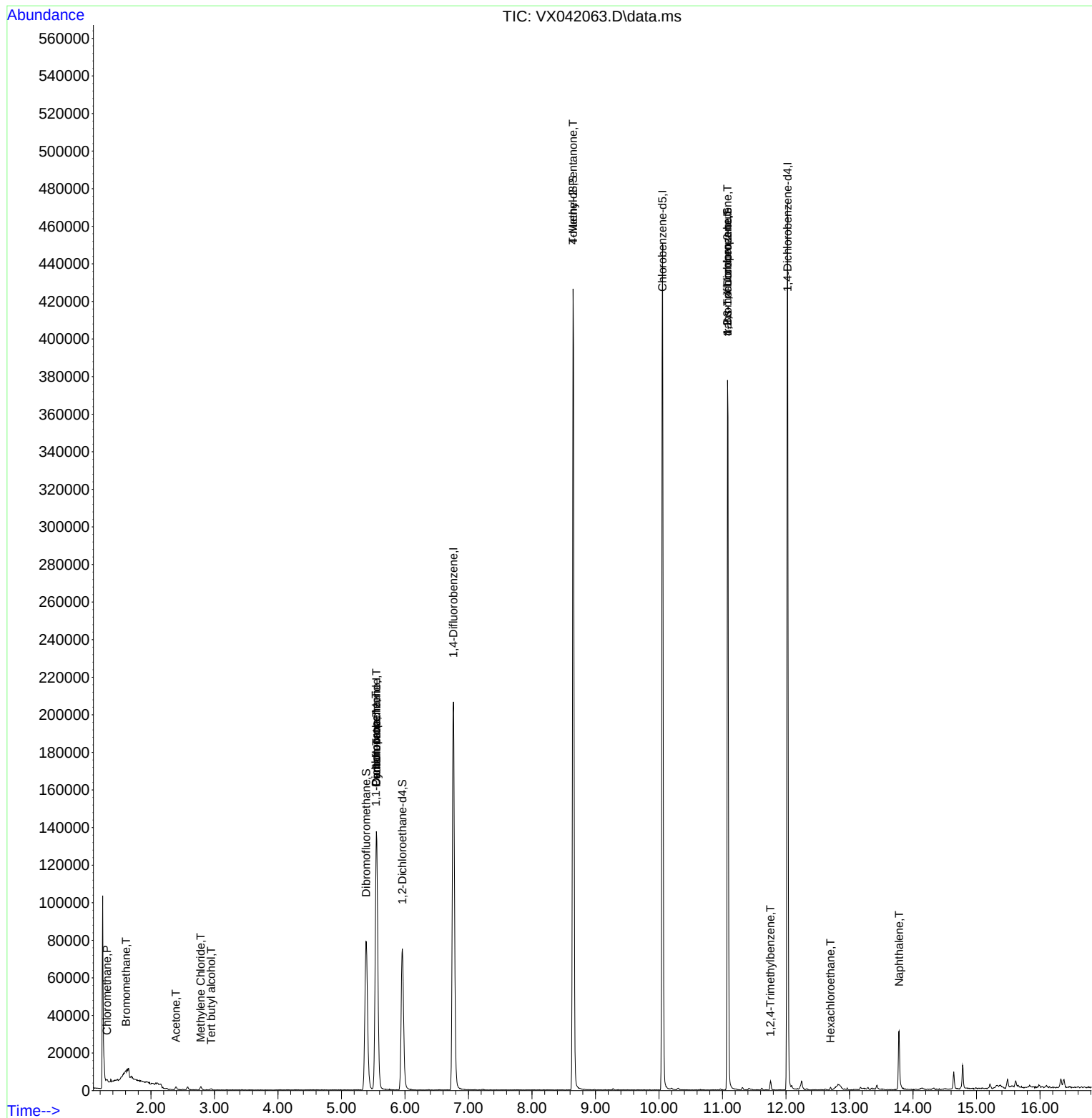
Internal Standards						
1) Pentafluorobenzene	5.550	168	155458	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	237940	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72595	40.496	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.000%
35) Dibromofluoromethane	5.385	113	72027	42.662	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.320%
50) Toluene-d8	8.647	98	272652	45.970	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.940%#
62) 4-Bromofluorobenzene	11.079	95	102613	46.933	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.860%
Target Compounds						
						Qvalue
3) Chloromethane	1.307	50	1612	1.085	ug/l	97
5) Bromomethane	1.605	94	262	0.356	ug/l	# 74
6) Chloroethane	1.691	64	1454	Below Cal	#	53
11) Tert butyl alcohol	2.947	59	365	1.073	ug/l	# 78
16) Acetone	2.392	43	1668	2.119	ug/l	# 83
20) Methylene Chloride	2.782	84	990	0.574	ug/l	93
31) Cyclohexane	5.550	56	1961	0.935	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	8379	4.674	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	12689	6.406	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.647	43	949	0.384	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	46425	22.516	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	46425	63.944	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.756	105	2778	0.481	ug/l	90
90) Hexachloroethane	12.701	117	905	0.852	ug/l	# 17
95) Naphthalene	13.780	128	26230	3.921	ug/l	100

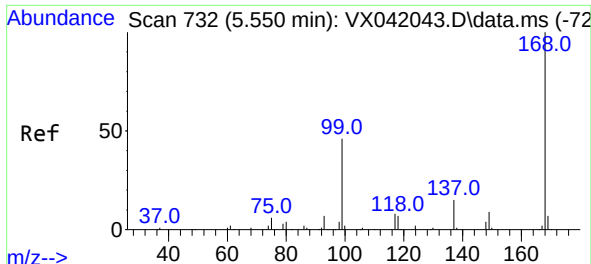
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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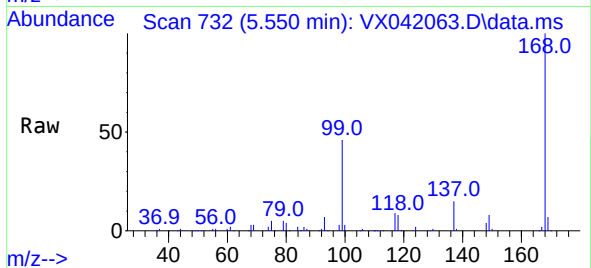
Quant Time: Jun 27 08:57:20 2024
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Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
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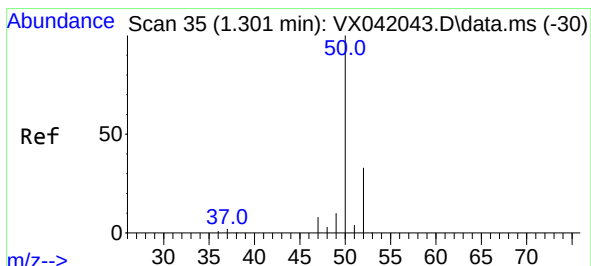
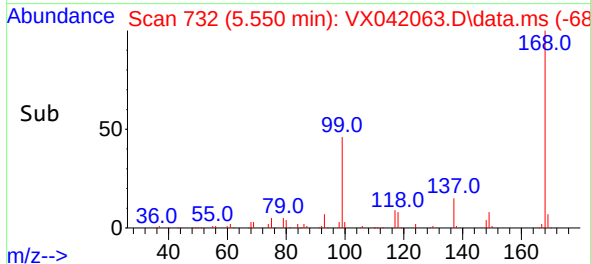
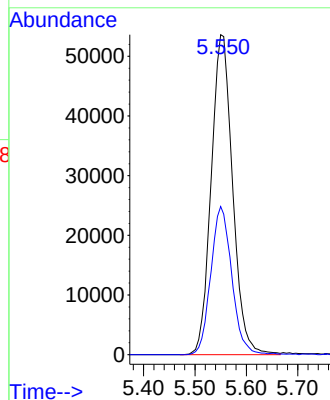


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042063.D
Acq: 26 Jun 2024 19:09

Instrument :
MSVOA_X
ClientSampleId :

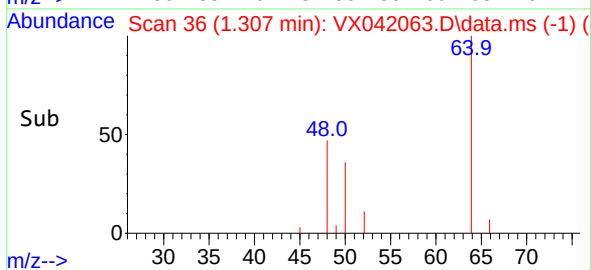
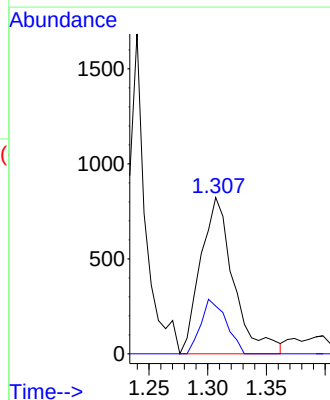
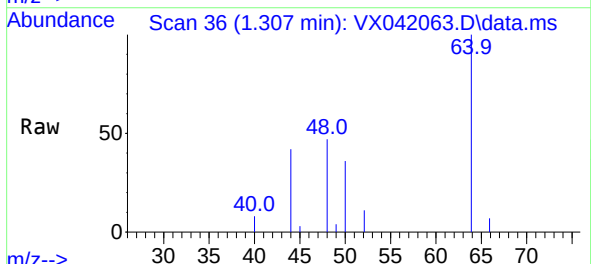


Tgt Ion:168 Resp: 155458
Ion Ratio Lower Upper
168 100
99 46.3 56.6 85.0#

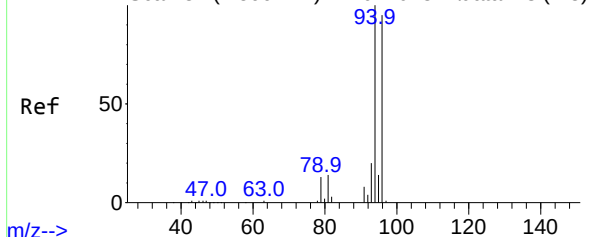


#3
Chloromethane
Concen: 1.085 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX042063.D
Acq: 26 Jun 2024 19:09

Tgt Ion: 50 Resp: 1612
Ion Ratio Lower Upper
50 100
52 30.5 25.5 38.3



Abundance Scan 84 (1.599 min): VX042043.D\data.ms (-78)



#5

Bromomethane

Concen: 0.356 ug/l

RT: 1.605 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX042063.D

Acq: 26 Jun 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

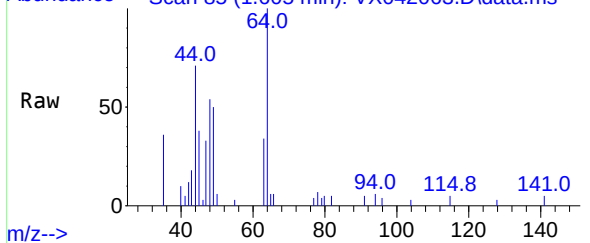
Tgt Ion: 94 Resp: 262

Ion Ratio Lower Upper

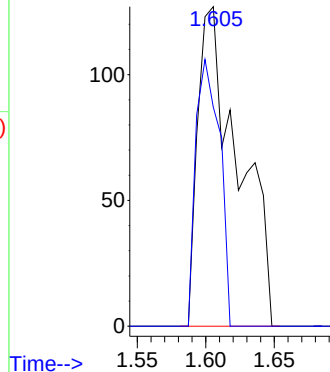
94 100

96 68.5 74.6 111.8#

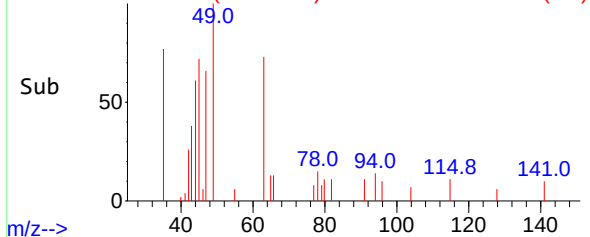
Abundance Scan 85 (1.605 min): VX042063.D\data.ms



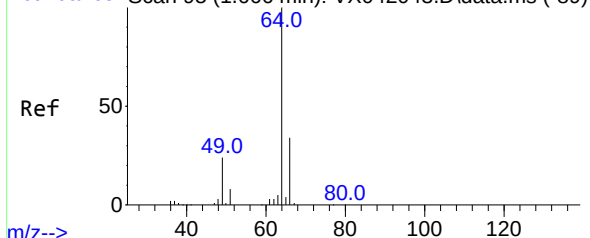
Abundance



Abundance Scan 85 (1.605 min): VX042063.D\data.ms (-35)



Abundance Scan 95 (1.666 min): VX042043.D\data.ms (-89)



#6

Chloroethane

Concen: Below Cal

RT: 1.691 min Scan# 99

Delta R.T. 0.031 min

Lab File: VX042063.D

Acq: 26 Jun 2024 19:09

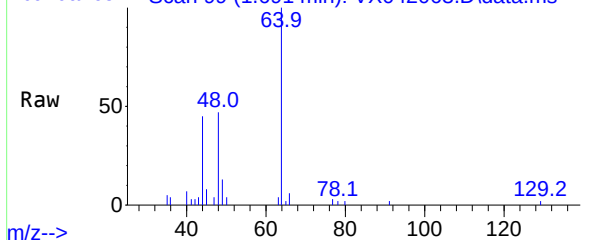
Tgt Ion: 64 Resp: 1454

Ion Ratio Lower Upper

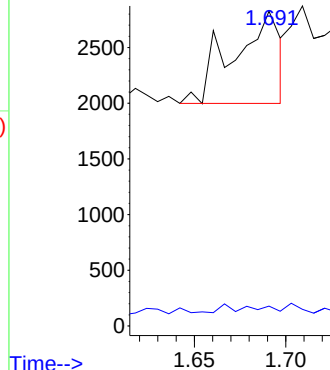
64 100

66 5.4 25.1 37.7#

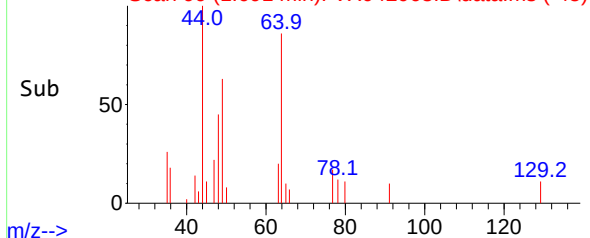
Abundance Scan 99 (1.691 min): VX042063.D\data.ms

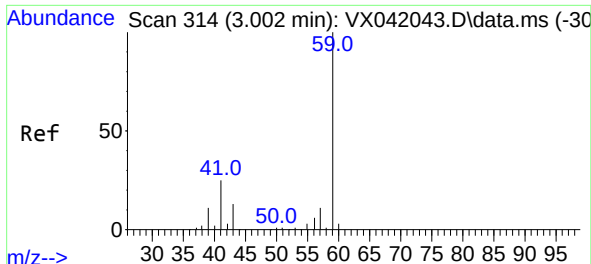


Abundance



Abundance Scan 99 (1.691 min): VX042063.D\data.ms (-45)





#11

Tert butyl alcohol

Concen: 1.073 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.061 min

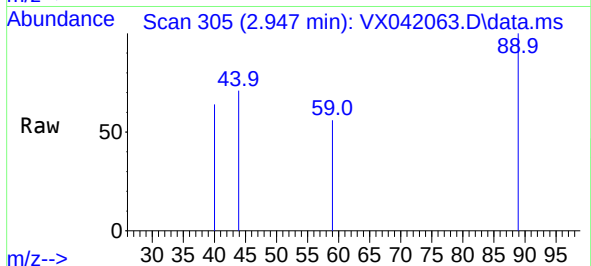
Lab File: VX042063.D

Acq: 26 Jun 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

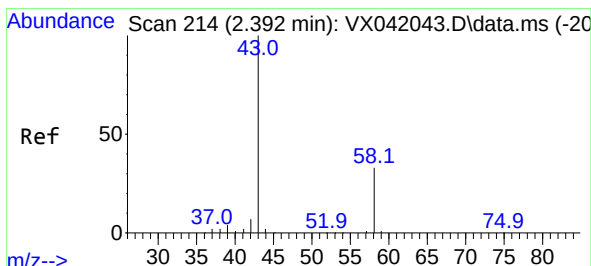
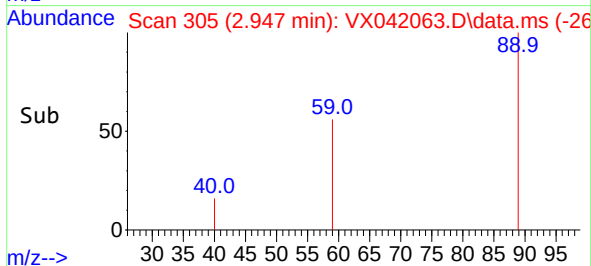
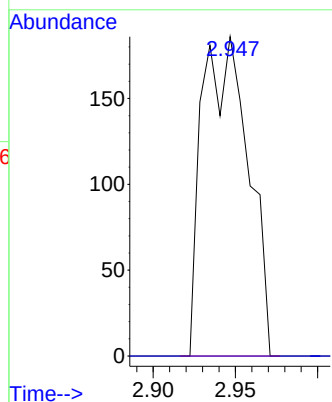


Tgt Ion: 59 Resp: 365

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 2.119 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042063.D

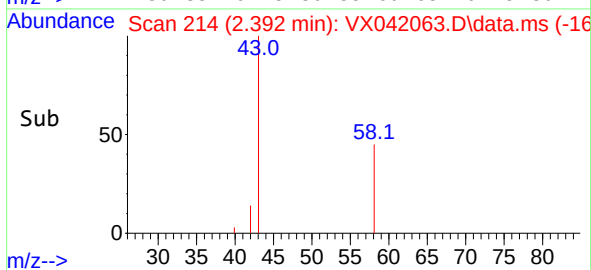
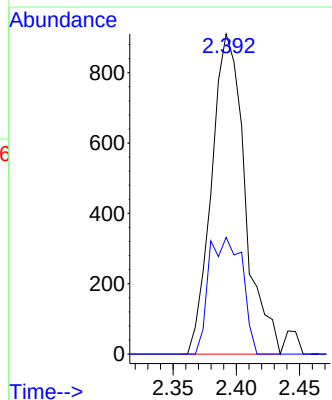
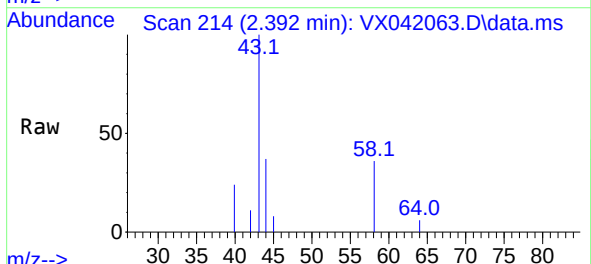
Acq: 26 Jun 2024 19:09

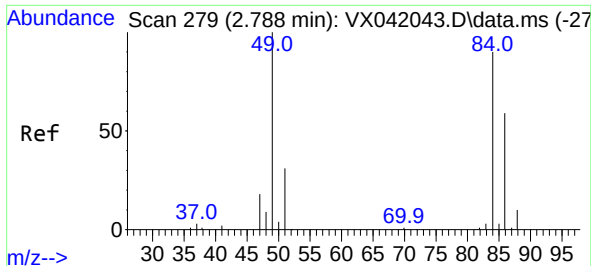
Tgt Ion: 43 Resp: 1668

Ion Ratio Lower Upper

43 100

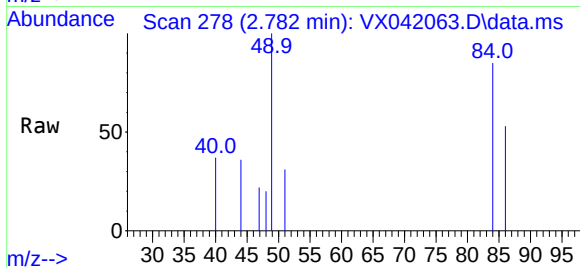
58 36.5 21.9 32.9#





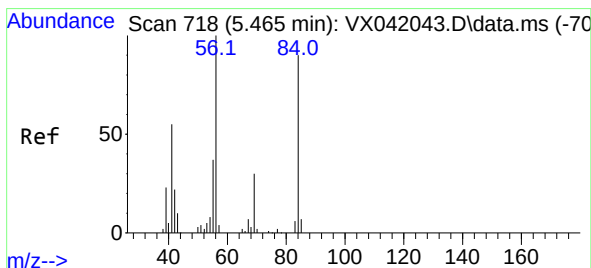
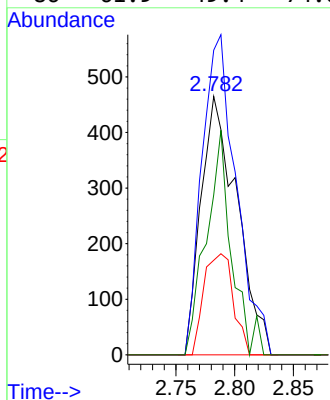
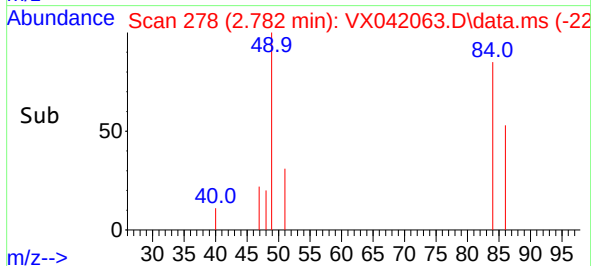
#20
Methylene Chloride
Concen: 0.574 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042063.D
Acq: 26 Jun 2024 19:09

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 990

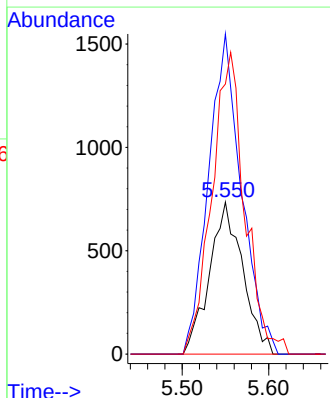
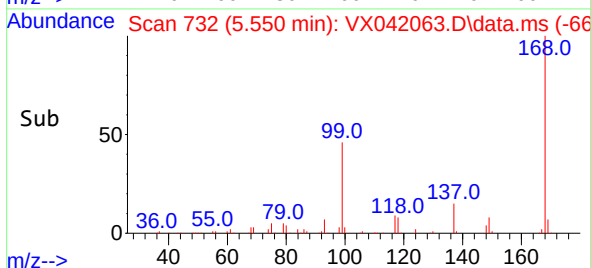
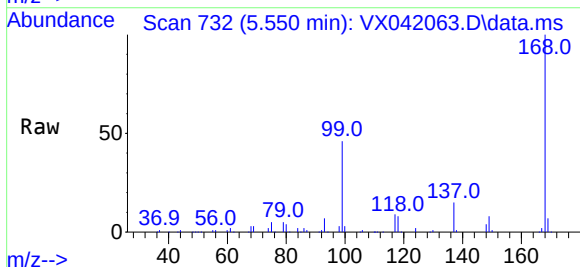
Ion	Ratio	Lower	Upper
84	100		
49	117.8	103.6	155.4
51	36.6	33.8	50.6
86	61.9	49.4	74.0

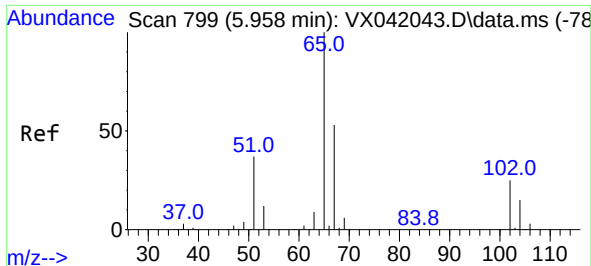


#31
Cyclohexane
Concen: 0.935 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX042063.D
Acq: 26 Jun 2024 19:09

Tgt Ion: 56 Resp: 1961

Ion	Ratio	Lower	Upper
56	100		
69	210.7	23.4	35.2#
84	177.8	65.9	98.9#

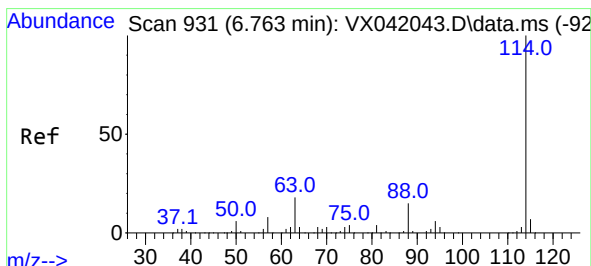
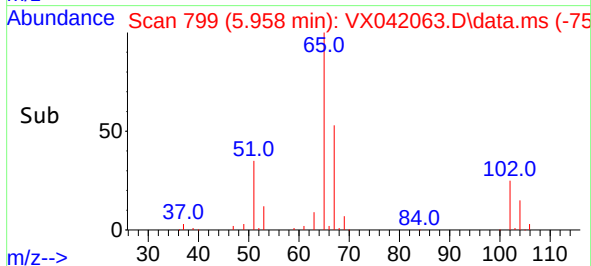
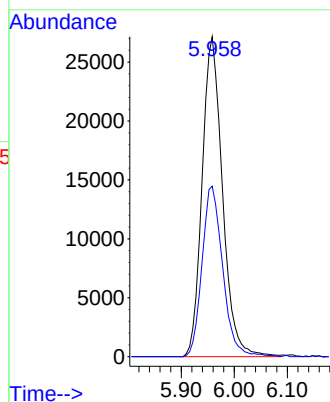
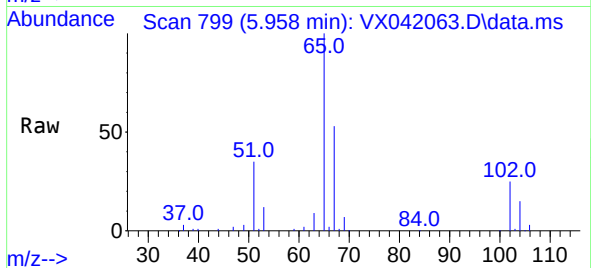




#33
 1,2-Dichloroethane-d4
 Concen: 40.496 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX042063.D
 Acq: 26 Jun 2024 19:09

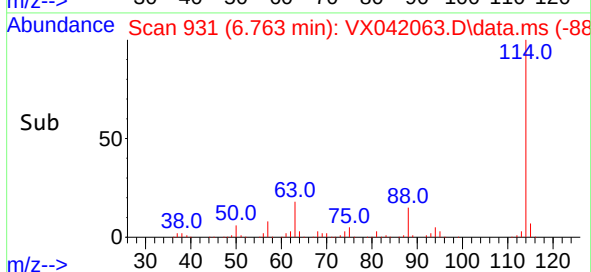
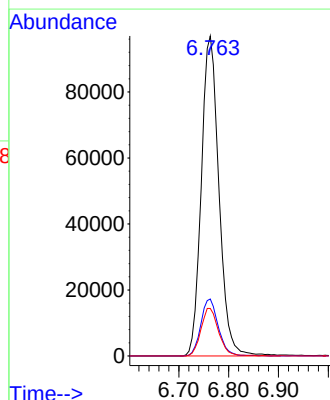
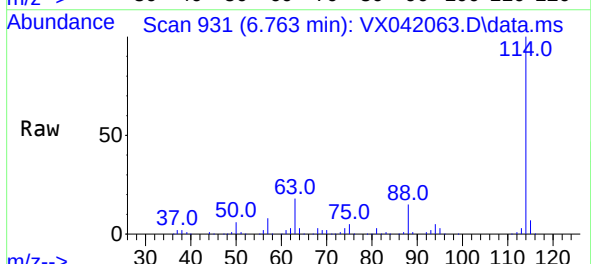
Instrument :
 MSVOA_X
 ClientSampleId :

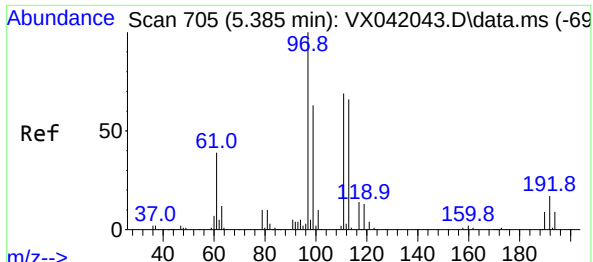
Tgt Ion: 65 Resp: 72595
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX042063.D
 Acq: 26 Jun 2024 19:09

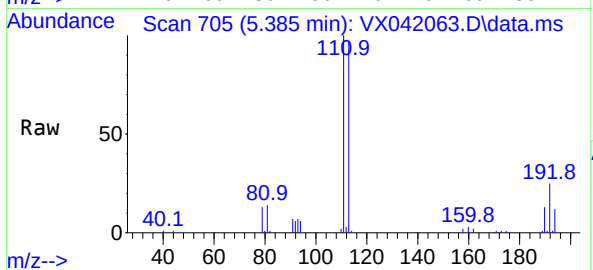
Tgt Ion: 114 Resp: 237940
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 45.0
 88 14.9 0.0 36.6



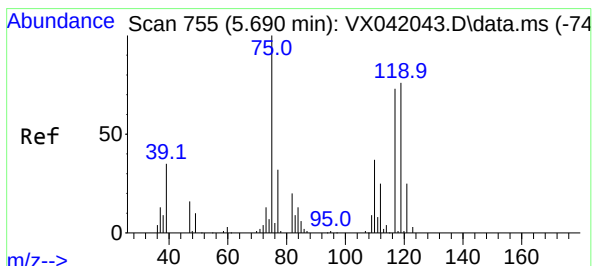
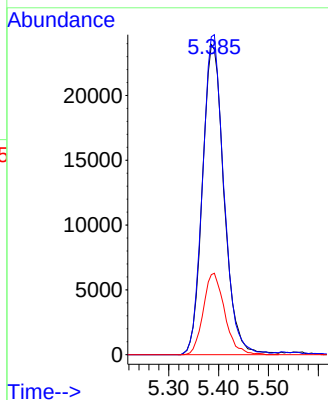
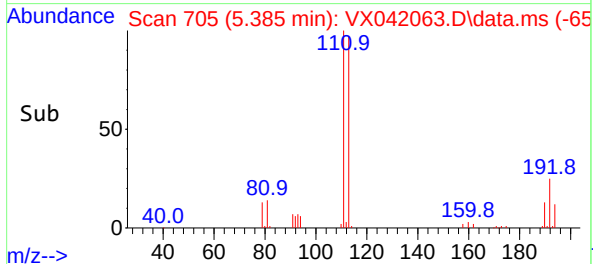


#35
Dibromofluoromethane
Concen: 42.662 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042063.D
Acq: 26 Jun 2024 19:09

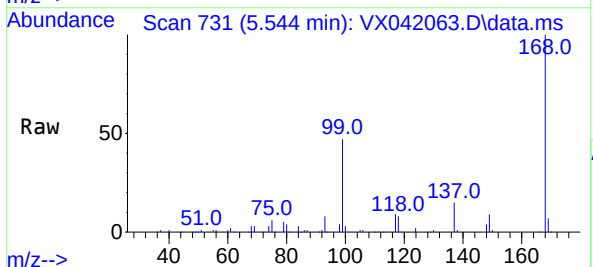
Instrument :
MSVOA_X
ClientSampleId :



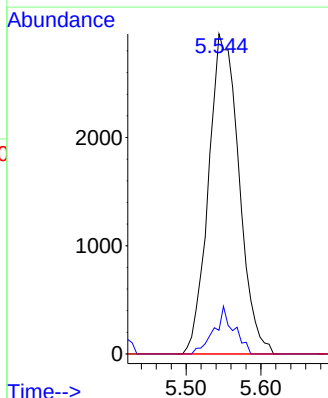
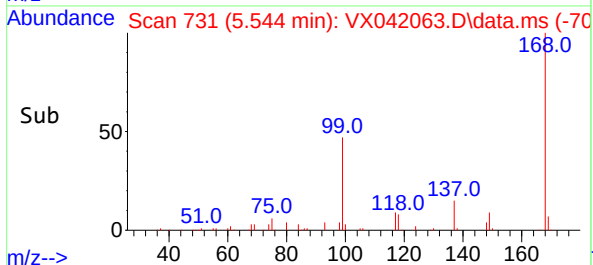
Tgt Ion:113 Resp: 72027
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 26.0 13.3 19.9#

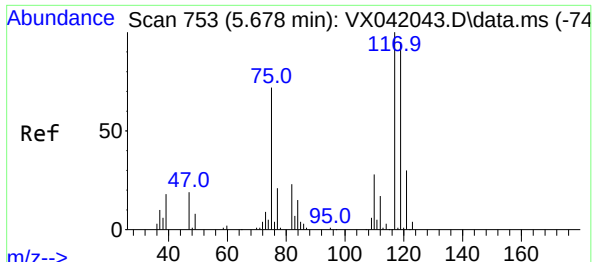


#36
1,1-Dichloropropene
Concen: 4.674 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX042063.D
Acq: 26 Jun 2024 19:09



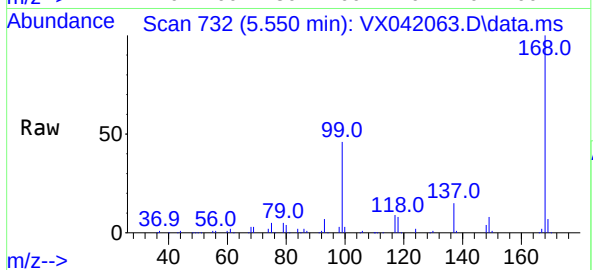
Tgt Ion: 75 Resp: 8379
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



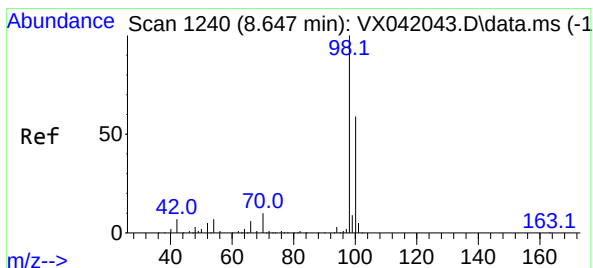
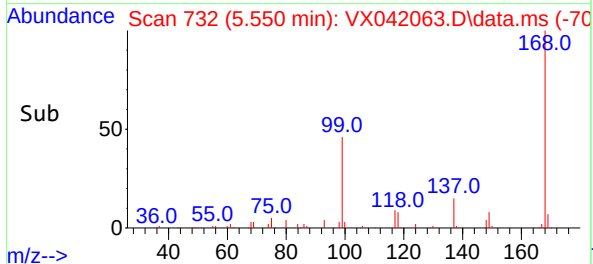
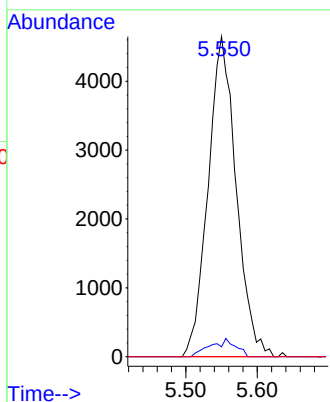


#38
Carbon Tetrachloride
Concen: 6.406 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042063.D
Acq: 26 Jun 2024 19:09

Instrument :
MSVOA_X
ClientSampleId :

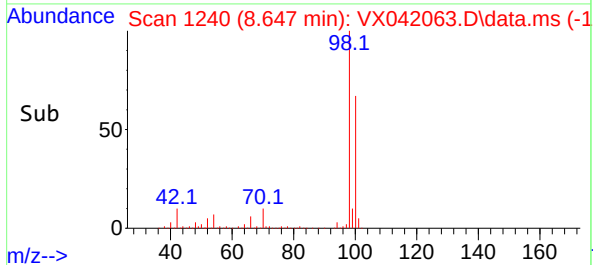
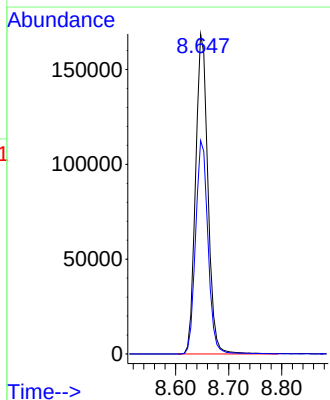
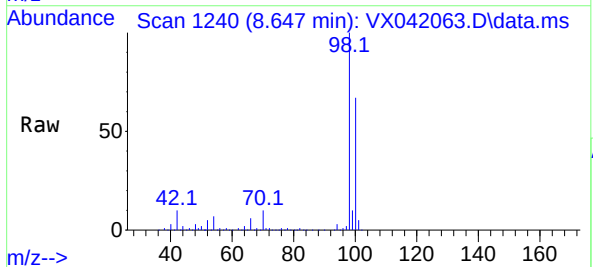


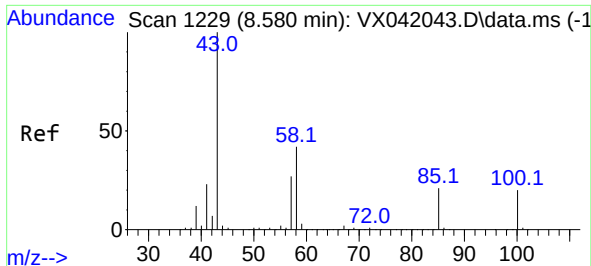
Tgt Ion:117 Resp: 12689
Ion Ratio Lower Upper
117 100
119 3.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.970 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042063.D
Acq: 26 Jun 2024 19:09

Tgt Ion: 98 Resp: 272652
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

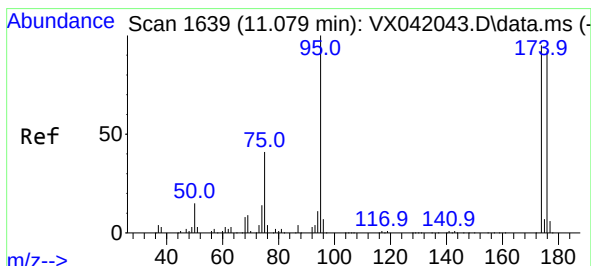
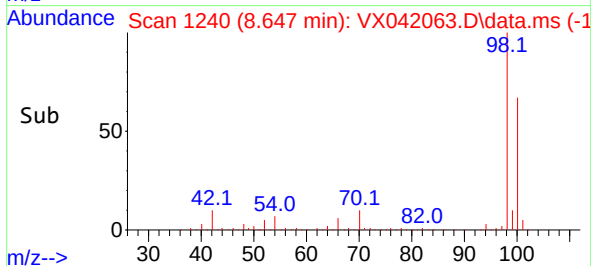
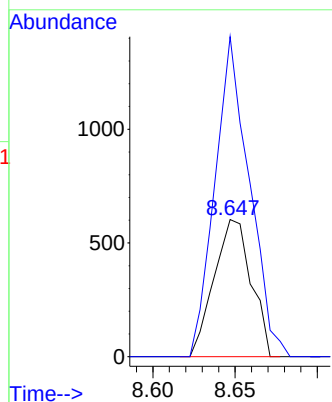
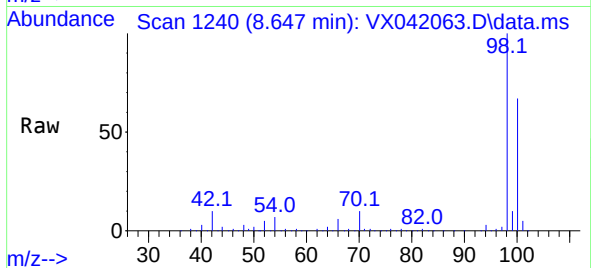




#51
4-Methyl-2-Pentanone
Concen: 0.384 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX042063.D
Acq: 26 Jun 2024 19:09

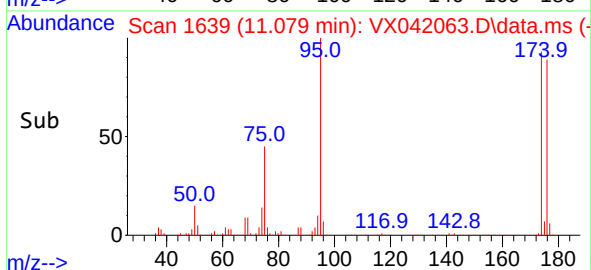
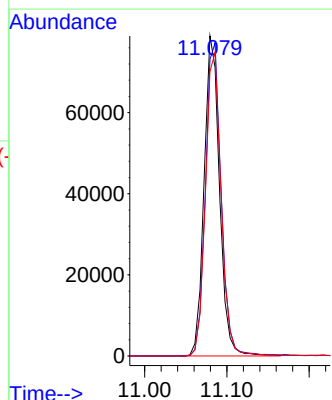
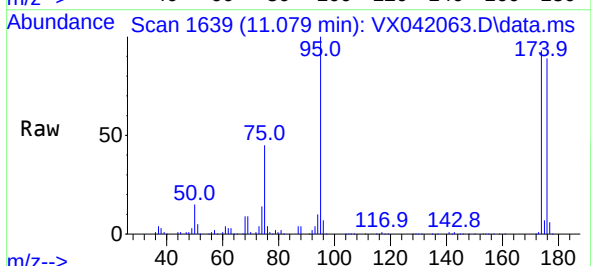
Instrument :
MSVOA_X
ClientSampleId :

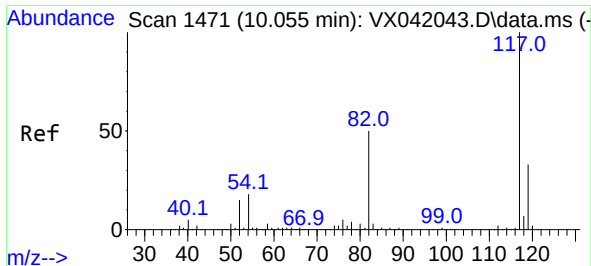
Tgt Ion: 43 Resp: 949
Ion Ratio Lower Upper
43 100
58 216.2 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 46.933 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042063.D
Acq: 26 Jun 2024 19:09

Tgt Ion: 95 Resp: 102613
Ion Ratio Lower Upper
95 100
174 100.0 0.0 135.6
176 96.7 0.0 131.0

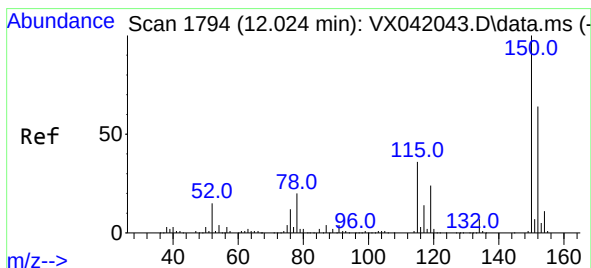
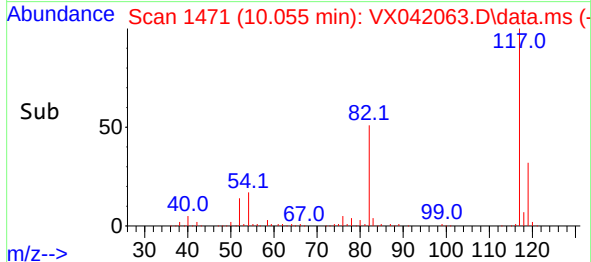
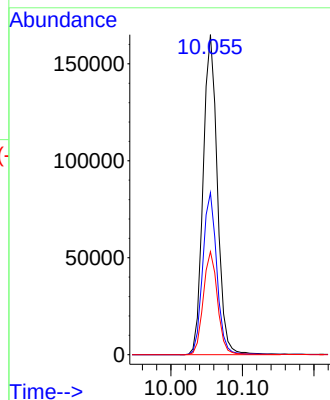
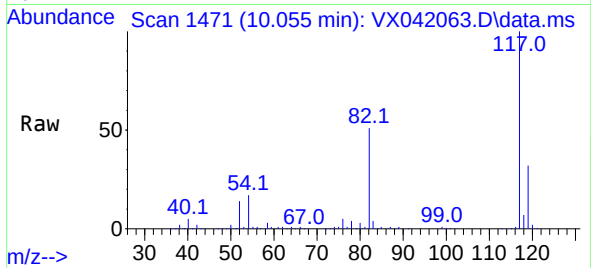




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042063.D
Acq: 26 Jun 2024 19:09

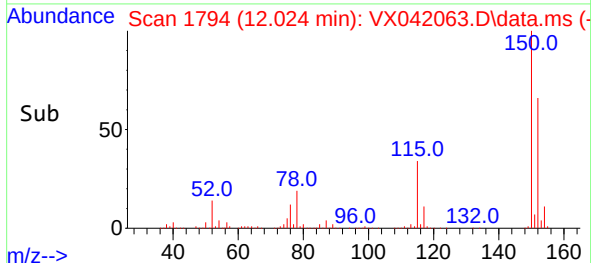
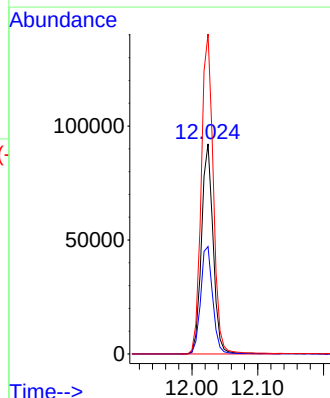
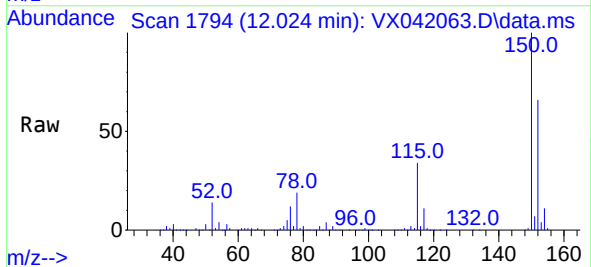
Instrument :
MSVOA_X
ClientSampleId :

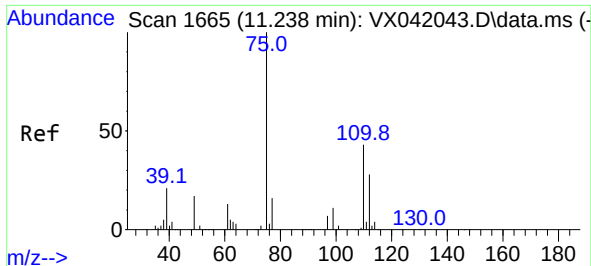
Tgt Ion:117 Resp: 228450
Ion Ratio Lower Upper
117 100
82 50.6 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042063.D
Acq: 26 Jun 2024 19:09

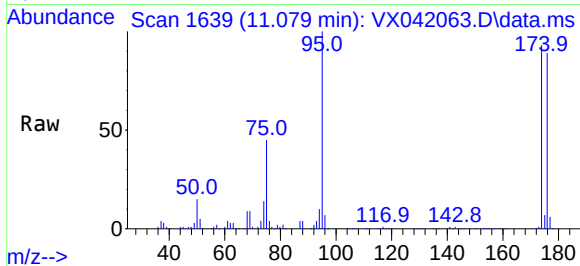
Tgt Ion:152 Resp: 113576
Ion Ratio Lower Upper
152 100
115 52.6 43.3 129.9
150 157.0 0.0 345.0



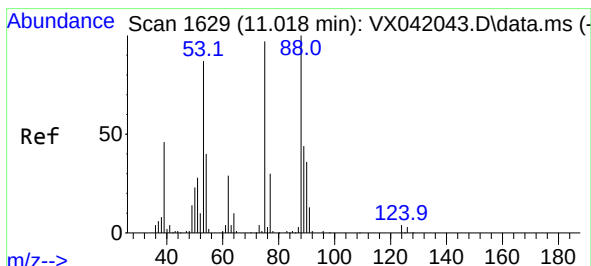
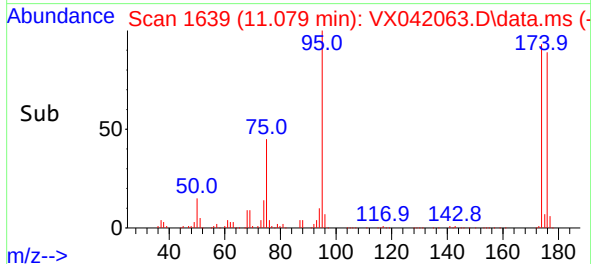
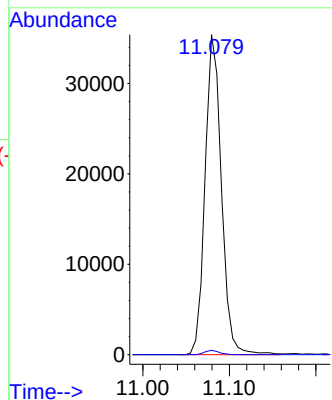


#76
1,2,3-Trichloropropane
Concen: 22.516 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX042063.D
Acq: 26 Jun 2024 19:09

Instrument :
MSVOA_X
ClientSampleId :

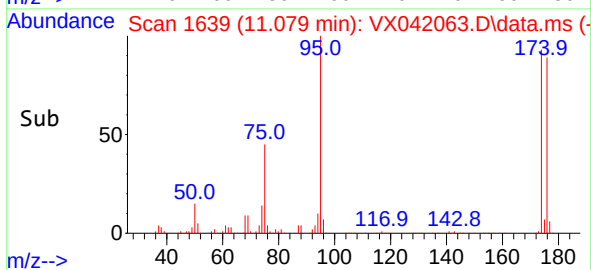
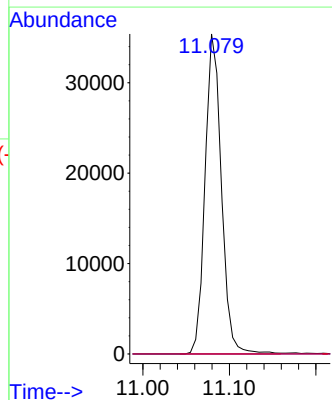
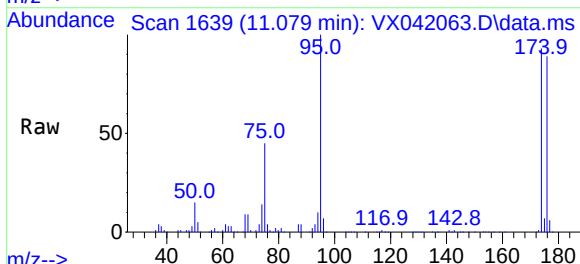


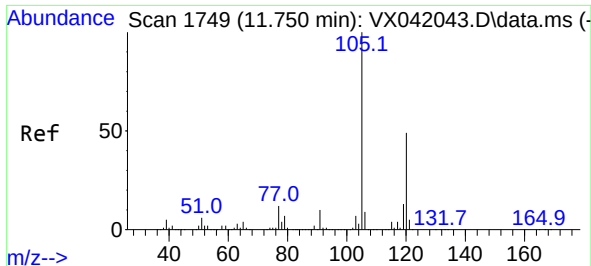
Tgt Ion: 75 Resp: 46425
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.944 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042063.D
Acq: 26 Jun 2024 19:09

Tgt Ion: 75 Resp: 46425
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

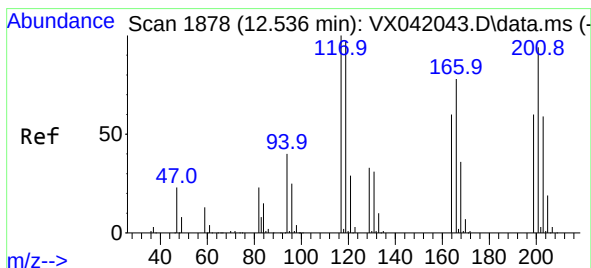
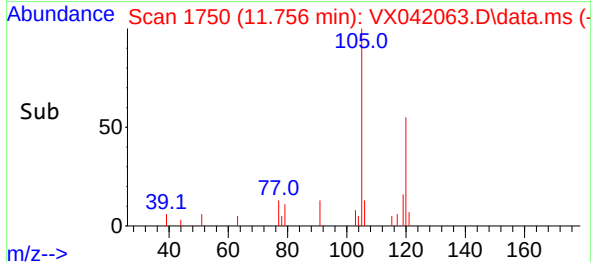
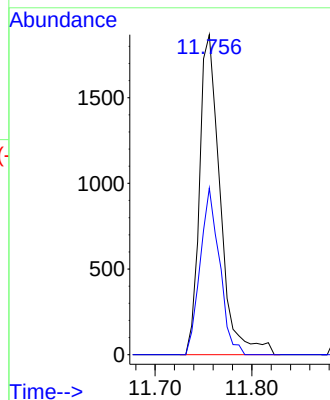
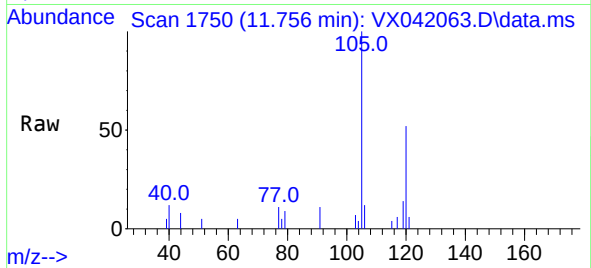




#84
1,2,4-Trimethylbenzene
Concen: 0.481 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042063.D
Acq: 26 Jun 2024 19:09

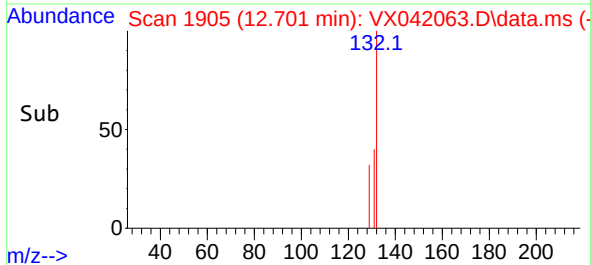
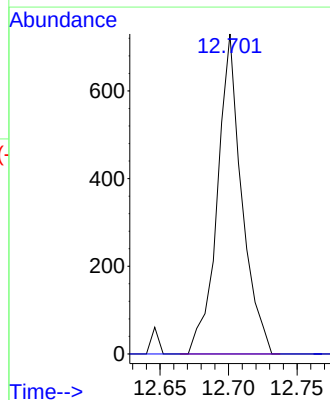
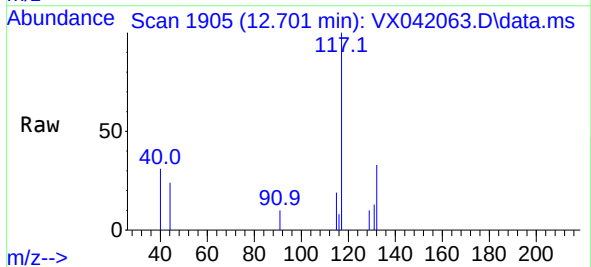
Instrument :
MSVOA_X
ClientSampleId :

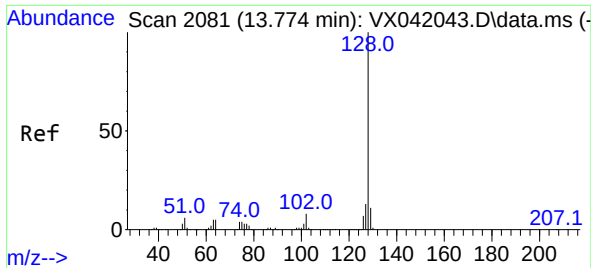
Tgt Ion:105 Resp: 2778
Ion Ratio Lower Upper
105 100
120 48.9 21.2 63.6



#90
Hexachloroethane
Concen: 0.852 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.165 min
Lab File: VX042063.D
Acq: 26 Jun 2024 19:09

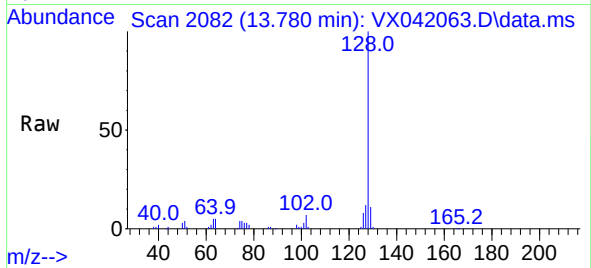
Tgt Ion:117 Resp: 905
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#





#95
Naphthalene
Concen: 3.921 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX042063.D
Acq: 26 Jun 2024 19:09

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	26230
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.3	8.8	13.2

