

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040324\
 Data File : VX040868.D
 Acq On : 03 Apr 2024 12:46
 Operator : JC/MD
 Sample : P1964-01DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 03 16:39:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

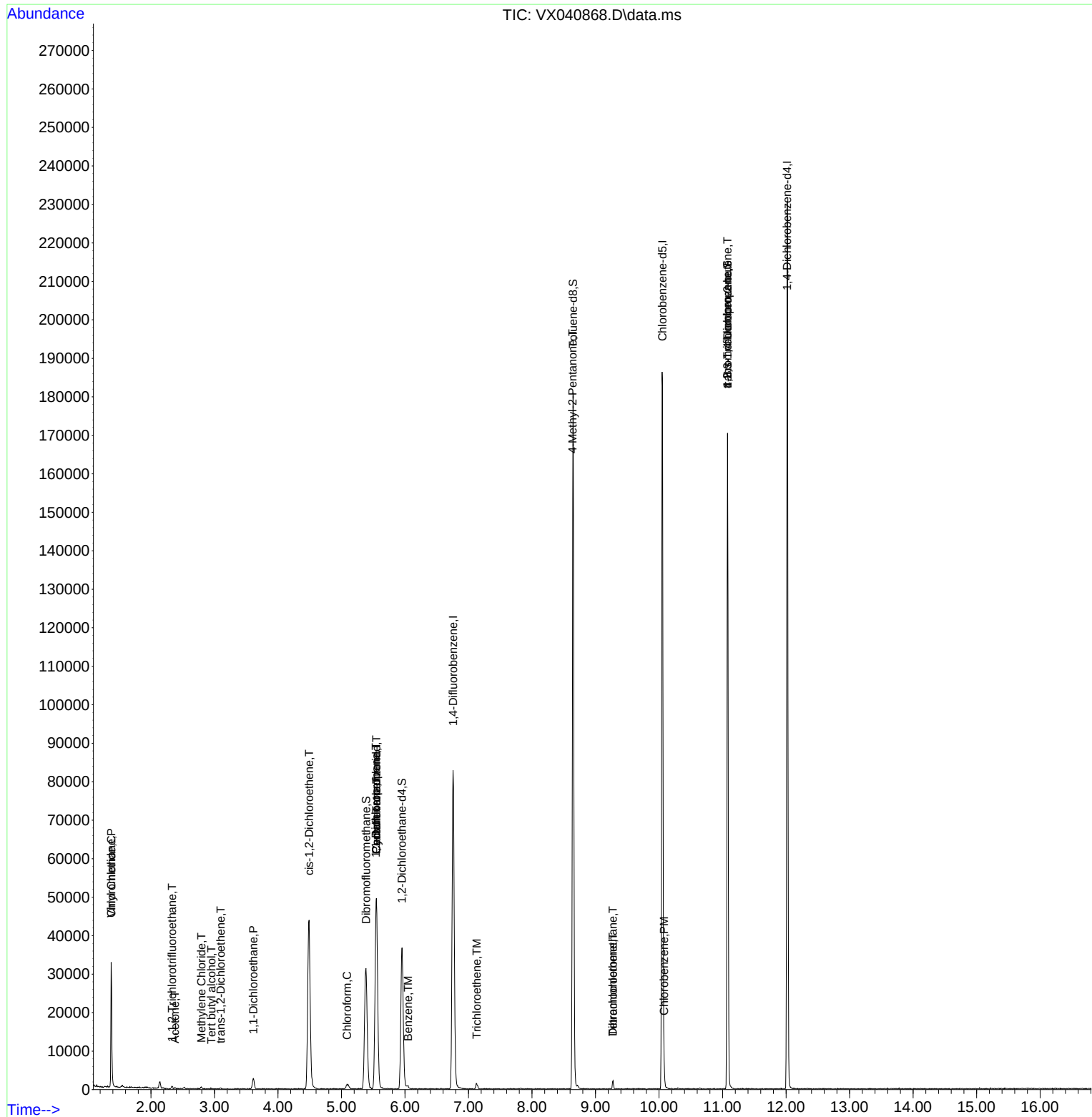
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	43982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	78570	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	79564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	42049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	38012	48.168	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.340%
35) Dibromofluoromethane	5.385	113	26710	47.995	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.000%
50) Toluene-d8	8.647	98	100386	49.920	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.840%
62) 4-Bromofluorobenzene	11.079	95	41981	52.276	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.560%
Target Compounds						
					Qvalue	
3) Chloromethane	1.374	50	171	0.332	ug/l #	43
4) Vinyl Chloride	1.374	62	19858	37.354	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	174	0.332	ug/l #	69
11) Tert butyl alcohol	2.953	59	51	0.354	ug/l #	78
16) Acetone	2.380	43	365	1.191	ug/l #	47
20) Methylene Chloride	2.794	84	262	0.461	ug/l #	71
21) trans-1,2-Dichloroethene	3.099	96	144	0.277	ug/l #	39
24) 1,1-Dichloroethane	3.611	63	3130	3.194	ug/l #	94
27) cis-1,2-Dichloroethene	4.489	96	25754	42.913	ug/l	90
30) Chloroform	5.086	83	988	0.926	ug/l #	76
31) Cyclohexane	5.550	56	1200	1.433	ug/l #	48
36) 1,1-Dichloropropene	5.544	75	4075	5.153	ug/l #	48
38) Carbon Tetrachloride	5.550	117	5151	5.884	ug/l #	17
40) Benzene	6.050	78	1058	0.482	ug/l #	88
44) Trichloroethene	7.129	130	648	1.182	ug/l	90
51) 4-Methyl-2-Pentanone	8.641	43	545	0.548	ug/l #	1
60) Dibromochloromethane	9.275	129	367	0.569	ug/l #	11
64) Tetrachloroethene	9.275	164	376	0.714	ug/l #	75
65) Chlorobenzene	10.079	112	1680	0.965	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	25097	27.990	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	25097	75.517	ug/l #	5

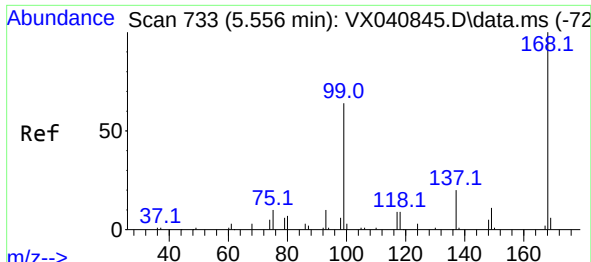
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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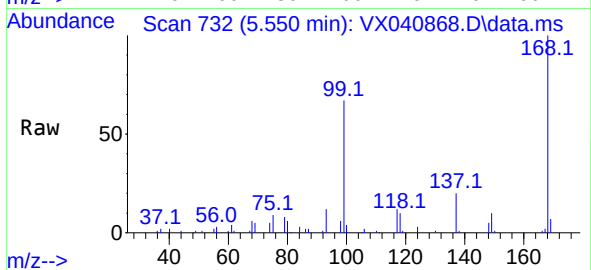
Quant Time: Apr 03 16:39:08 2024
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Quant Title : SW846 8260
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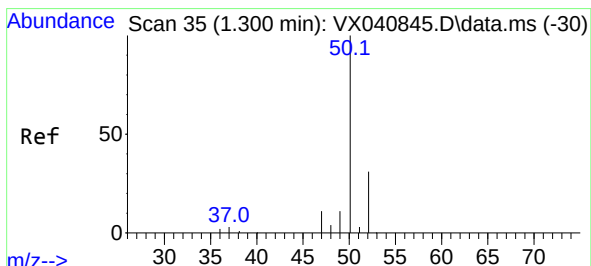
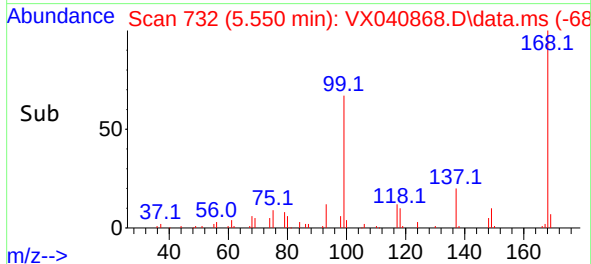
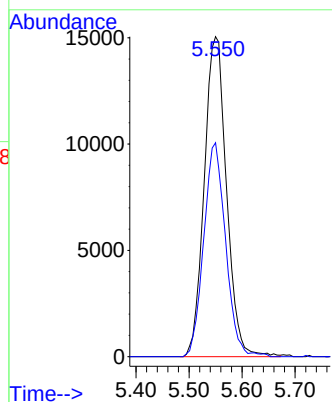


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

Instrument :
MSVOA_X
ClientSampleId :

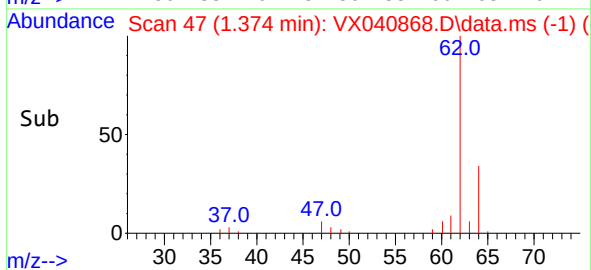
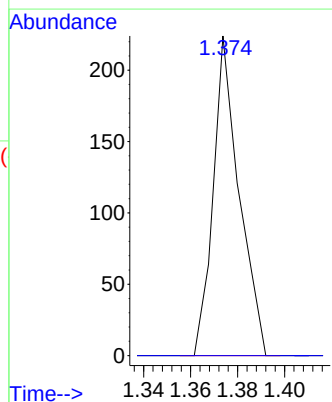
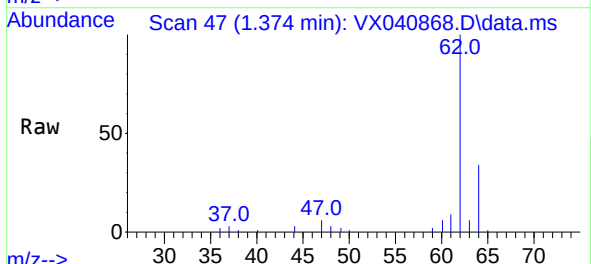


Tgt Ion:168 Resp: 43982
Ion Ratio Lower Upper
168 100
99 66.9 56.6 85.0

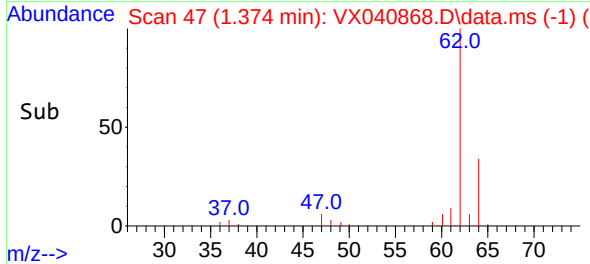
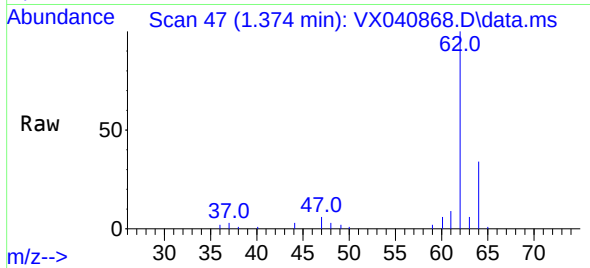
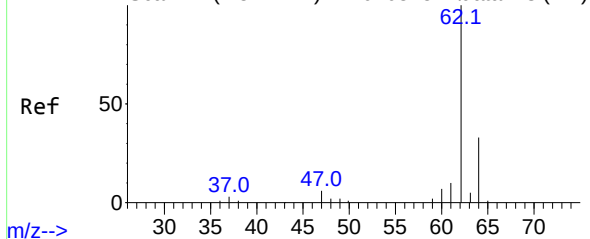


#3
Chloromethane
Concen: 0.332 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.073 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

Tgt Ion: 50 Resp: 171
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



Abundance Scan 47 (1.374 min): VX040845.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 37.354 ug/l

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX040868.D

Acq: 03 Apr 2024 12:46

Instrument :

MSVOA_X

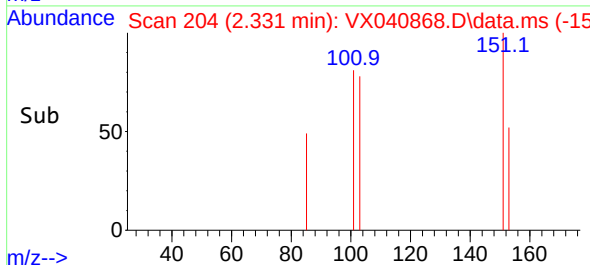
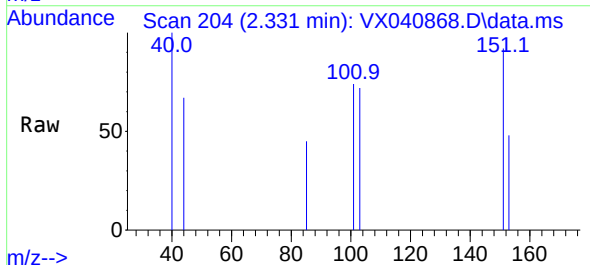
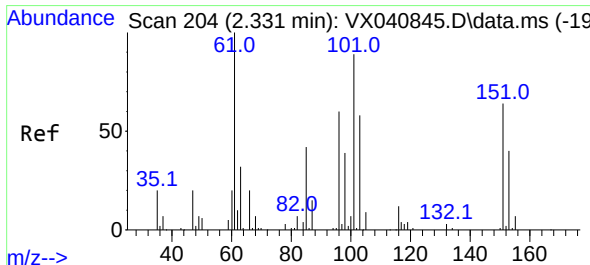
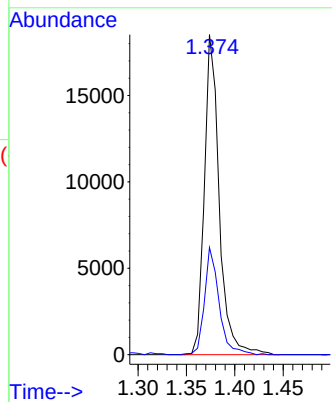
ClientSampleId :

Tgt Ion: 62 Resp: 19858

Ion Ratio Lower Upper

62 100

64 33.5 25.4 38.0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.332 ug/l

RT: 2.331 min Scan# 204

Delta R.T. 0.000 min

Lab File: VX040868.D

Acq: 03 Apr 2024 12:46

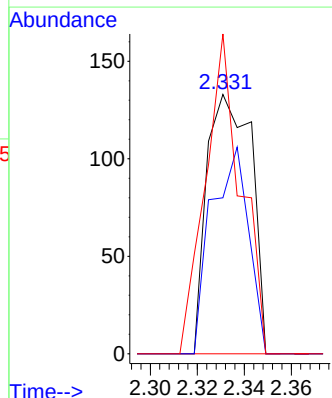
Tgt Ion: 101 Resp: 174

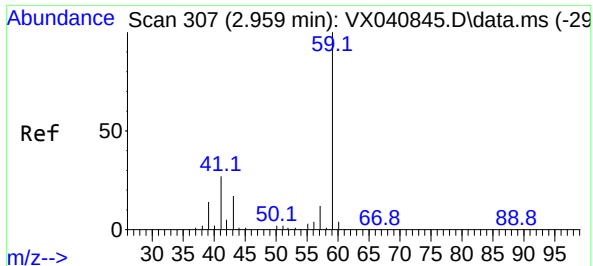
Ion Ratio Lower Upper

101 100

85 66.7 37.0 55.6#

151 99.4 58.6 87.8#

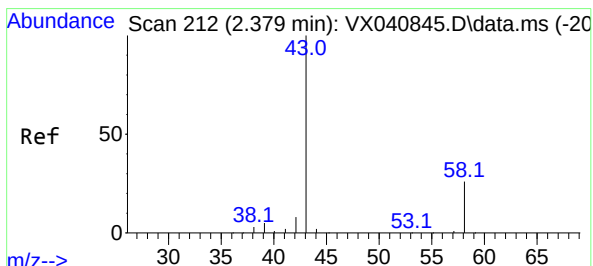
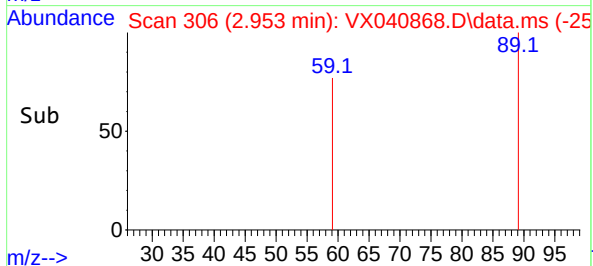
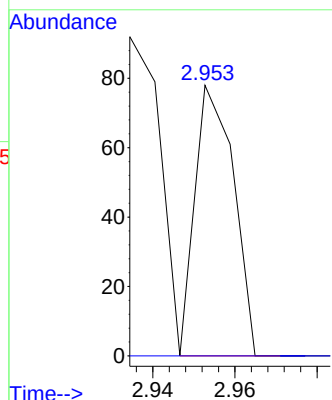
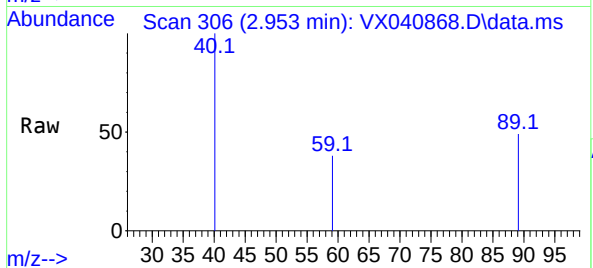




#11
Tert butyl alcohol
Concen: 0.354 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

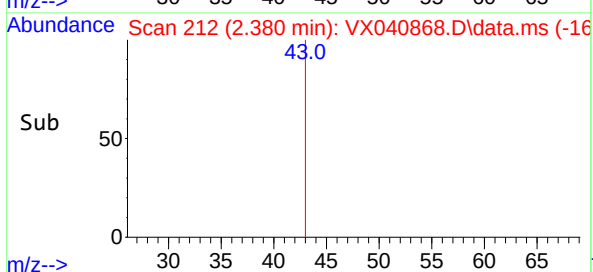
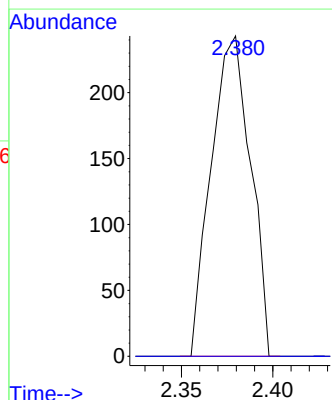
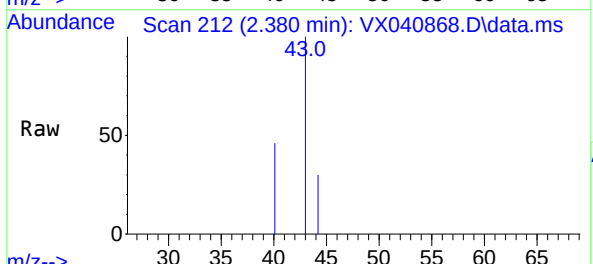
Instrument :
MSVOA_X
ClientSampleId :

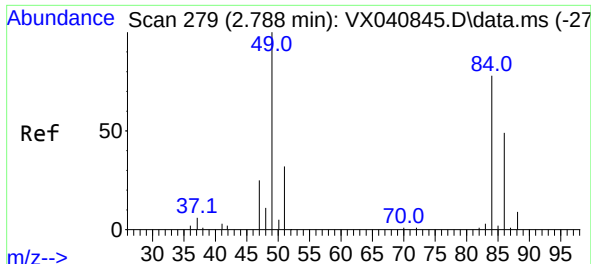
Tgt Ion: 59 Resp: 51
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.191 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

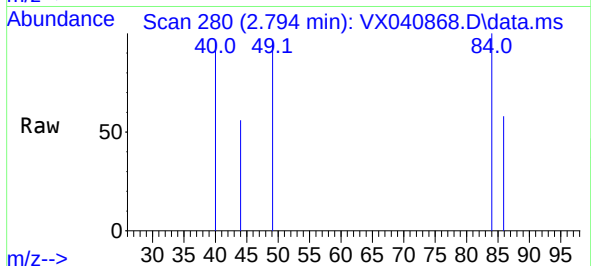
Tgt Ion: 43 Resp: 365
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#





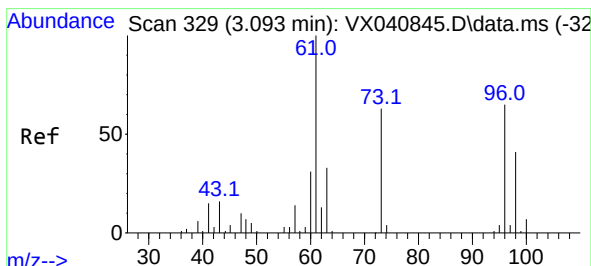
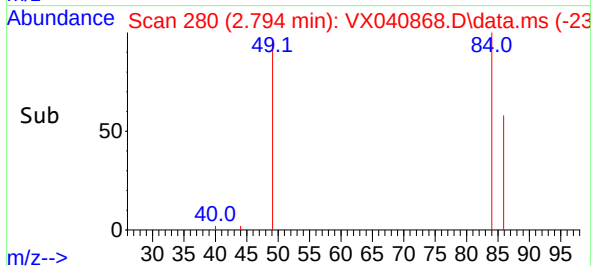
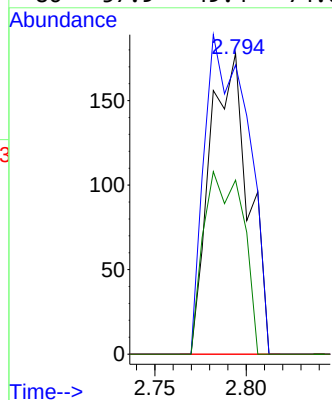
#20
Methylene Chloride
Concen: 0.461 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 262

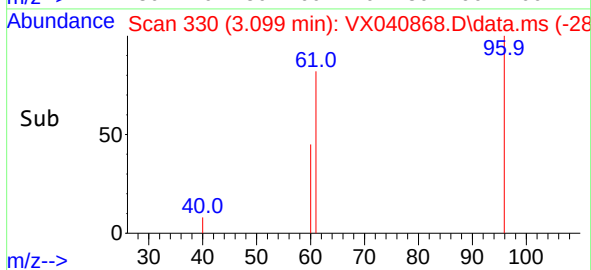
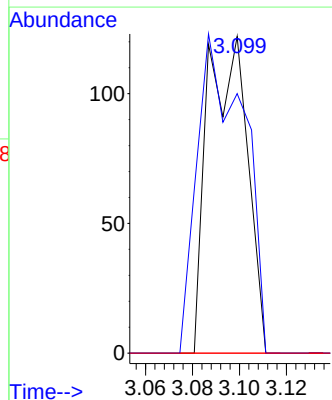
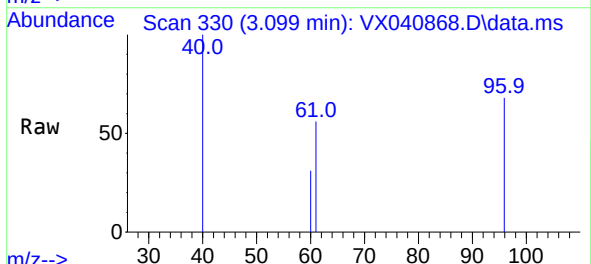
Ion	Ratio	Lower	Upper
84	100		
49	96.1	103.6	155.4#
51	0.0	33.8	50.6#
86	57.9	49.4	74.0

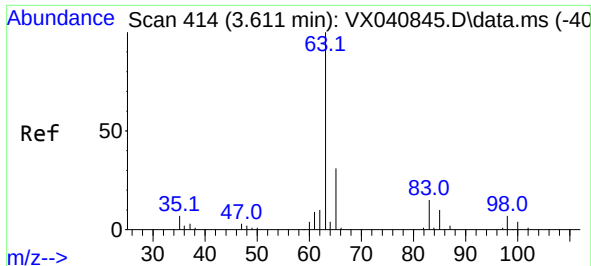


#21
trans-1,2-Dichloroethene
Concen: 0.277 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

Tgt Ion: 96 Resp: 144

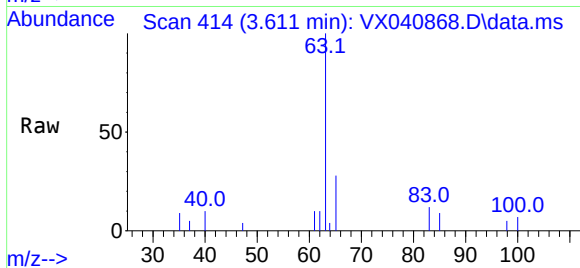
Ion	Ratio	Lower	Upper
96	100		
61	82.0	119.2	178.8#
98	0.0	48.7	73.1#



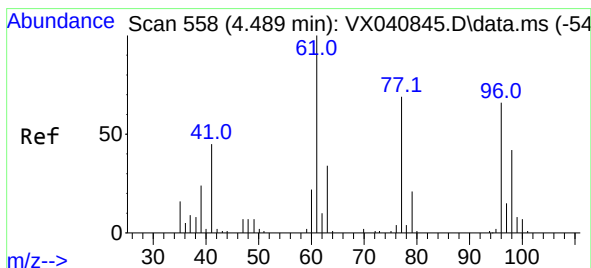
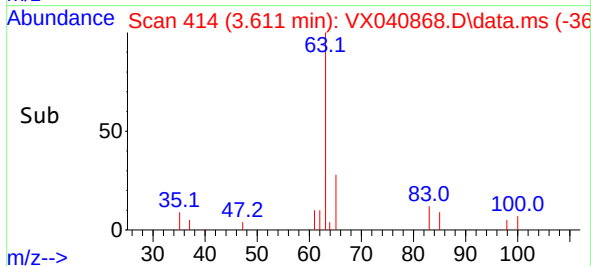
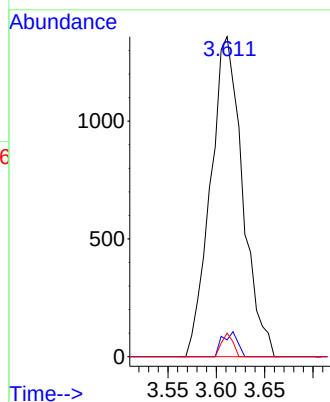


#24
1,1-Dichloroethane
Concen: 3.194 ug/l
RT: 3.611 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

Instrument :
MSVOA_X
ClientSampleId :

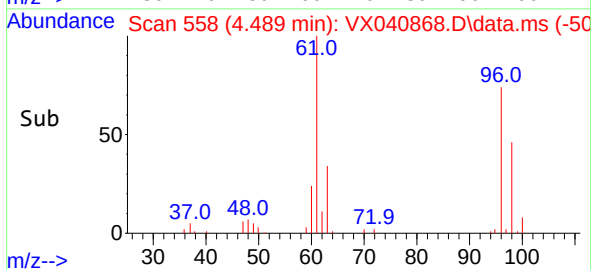
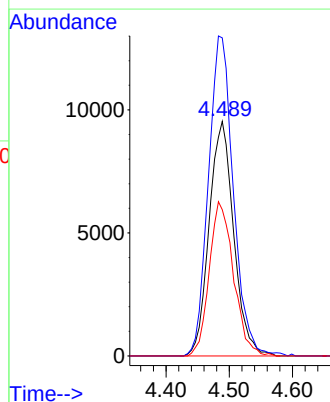
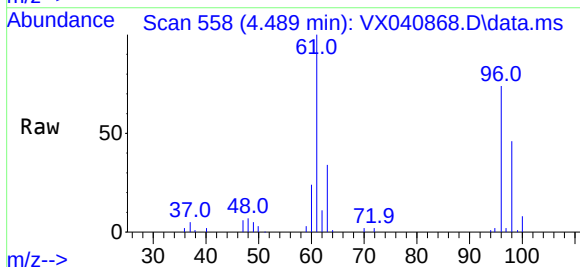


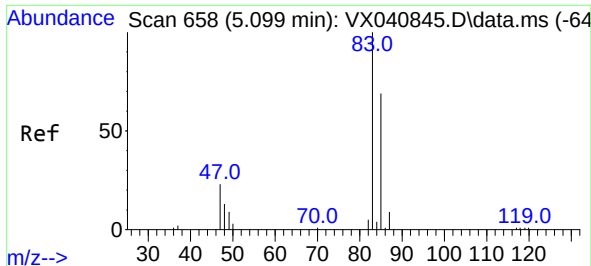
Tgt Ion: 63 Resp: 3130
Ion Ratio Lower Upper
63 100
98 5.2 3.3 9.8
100 7.4 2.1 6.5#



#27
cis-1,2-Dichloroethene
Concen: 42.913 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

Tgt Ion: 96 Resp: 25754
Ion Ratio Lower Upper
96 100
61 138.4 0.0 312.2
98 65.0 0.0 129.0





#30

Chloroform

Concen: 0.926 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX040868.D

Acq: 03 Apr 2024 12:46

Instrument :

MSVOA_X

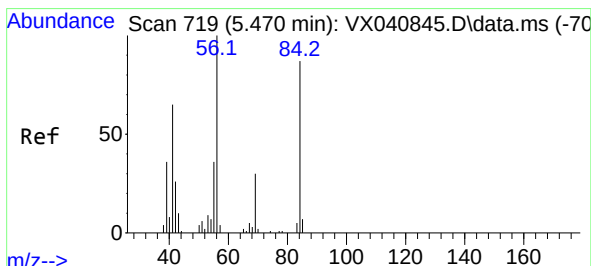
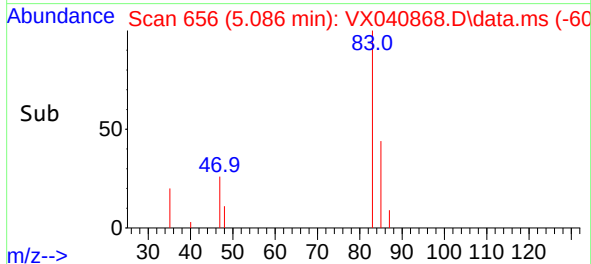
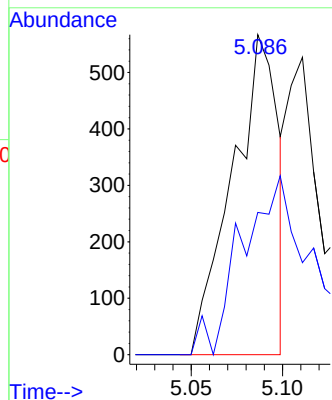
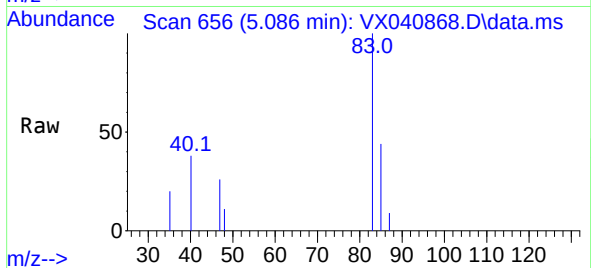
ClientSampleId :

Tgt Ion: 83 Resp: 988

Ion Ratio Lower Upper

83 100

85 44.4 50.3 75.5#



#31

Cyclohexane

Concen: 1.433 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX040868.D

Acq: 03 Apr 2024 12:46

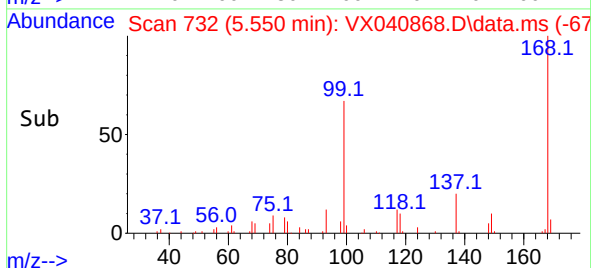
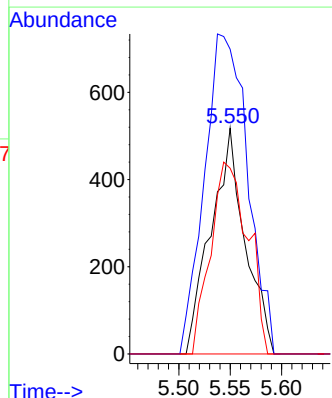
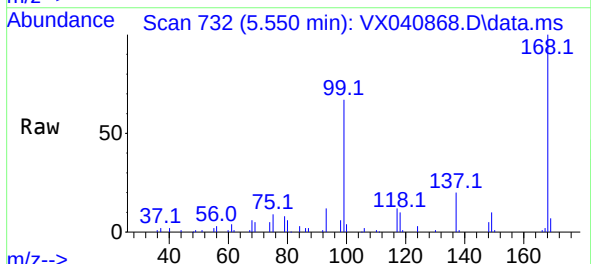
Tgt Ion: 56 Resp: 1200

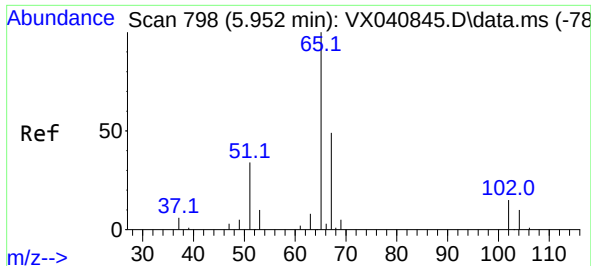
Ion Ratio Lower Upper

56 100

69 134.9 23.4 35.2#

84 82.2 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 48.168 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040868.D

Acq: 03 Apr 2024 12:46

Instrument :

MSVOA_X

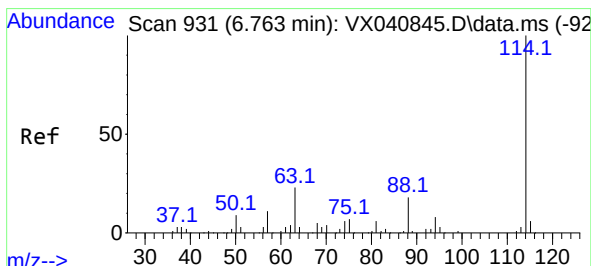
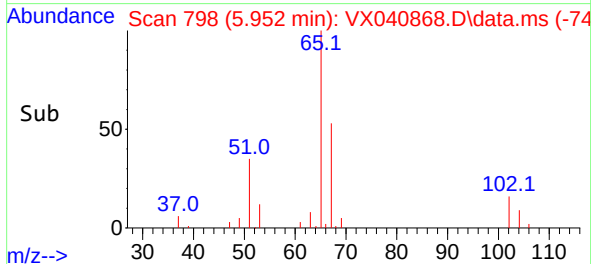
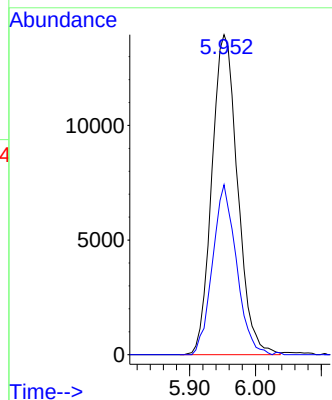
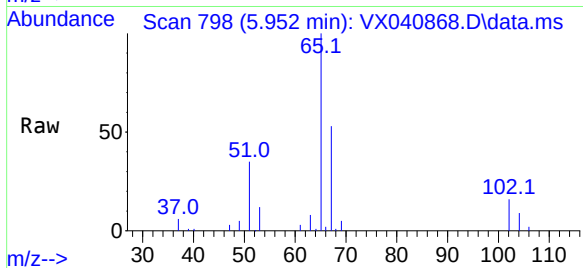
ClientSampleId :

Tgt Ion: 65 Resp: 38012

Ion Ratio Lower Upper

65 100

67 49.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040868.D

Acq: 03 Apr 2024 12:46

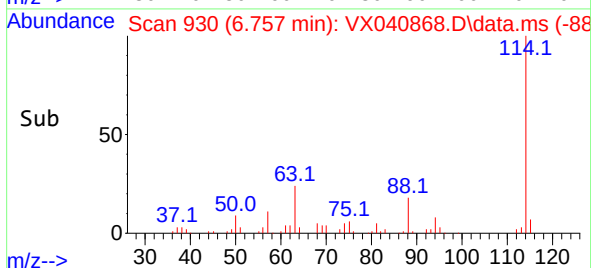
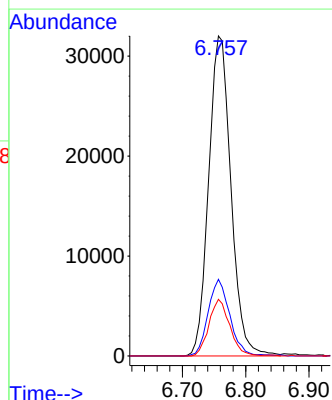
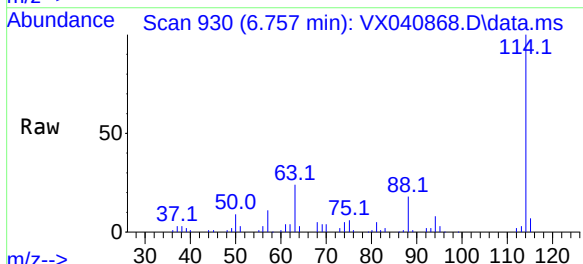
Tgt Ion: 114 Resp: 78570

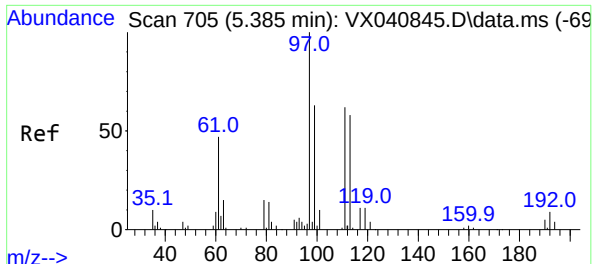
Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.0

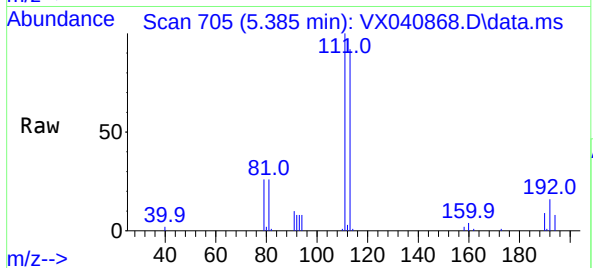
88 17.7 0.0 36.6



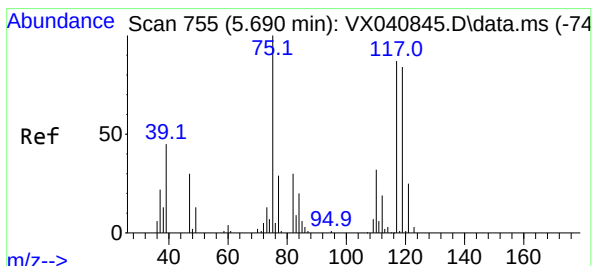
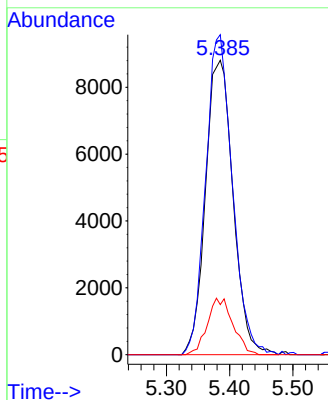
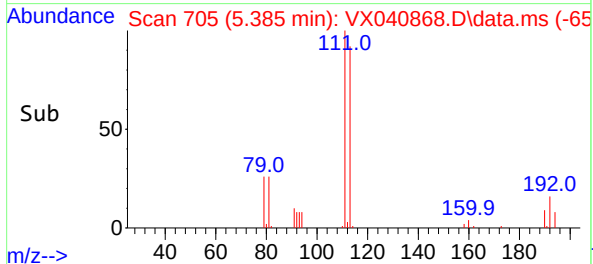


#35
Dibromofluoromethane
Concen: 47.995 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

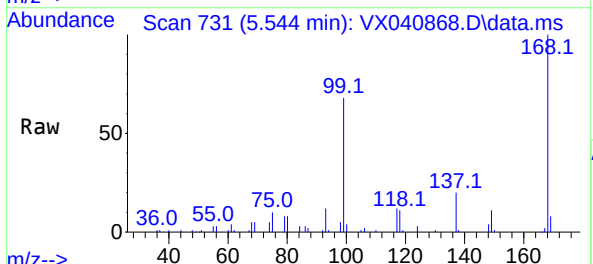
Instrument :
MSVOA_X
ClientSampleId :



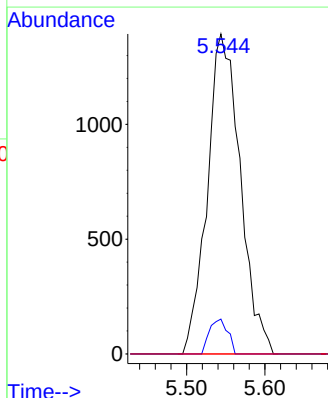
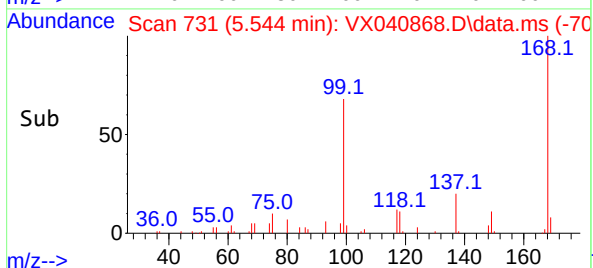
Tgt Ion:113 Resp: 26710
Ion Ratio Lower Upper
113 100
111 105.0 82.9 124.3
192 17.8 13.3 19.9

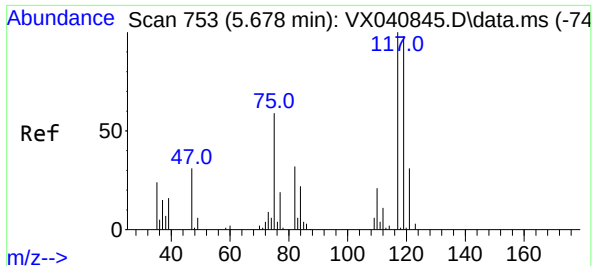


#36
1,1-Dichloropropene
Concen: 5.153 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46



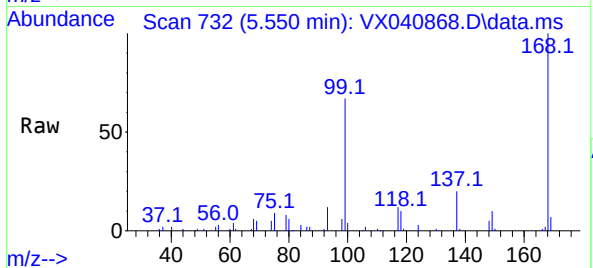
Tgt Ion: 75 Resp: 4075
Ion Ratio Lower Upper
75 100
110 6.1 17.0 50.9#
77 0.0 24.7 37.1#



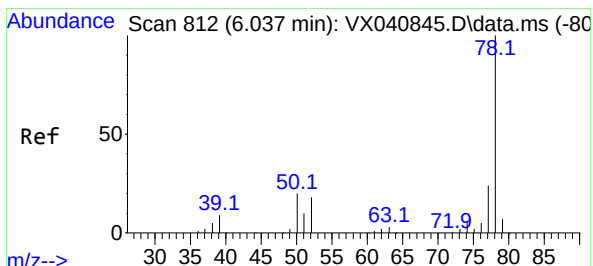
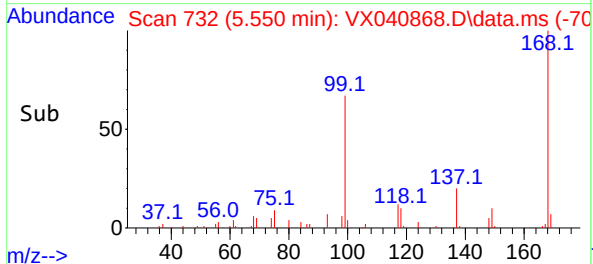
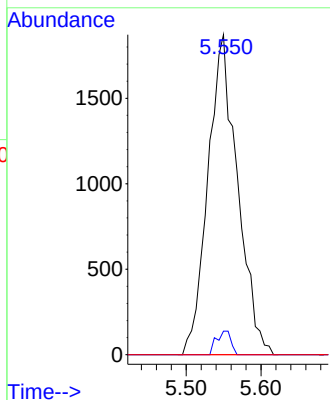


#38
Carbon Tetrachloride
Concen: 5.884 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

Instrument :
MSVOA_X
ClientSampleId :

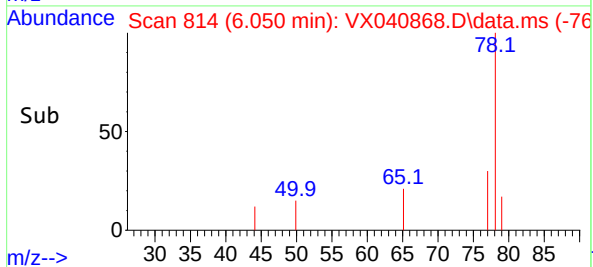
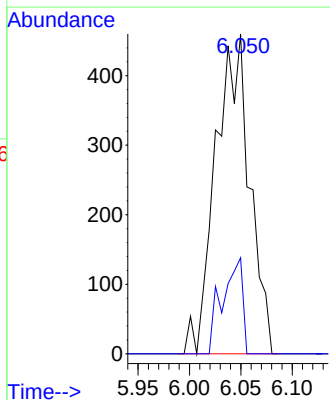
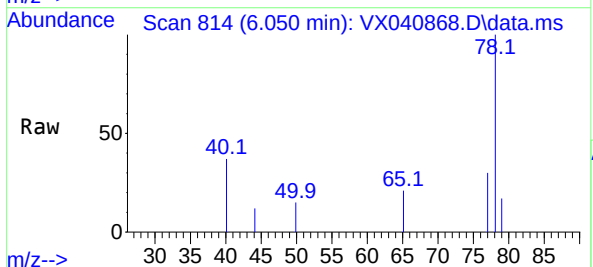


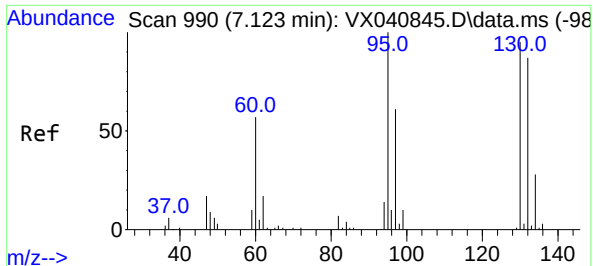
Tgt Ion:117 Resp: 5151
Ion Ratio Lower Upper
117 100
119 7.4 78.2 117.2#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 0.482 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.012 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

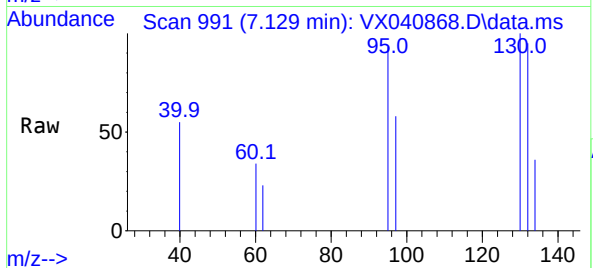
Tgt Ion: 78 Resp: 1058
Ion Ratio Lower Upper
78 100
77 30.0 19.3 28.9#



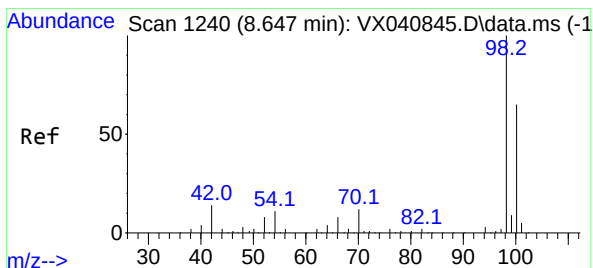
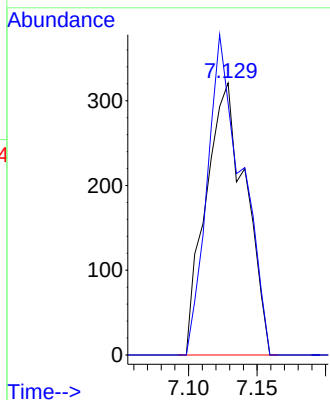
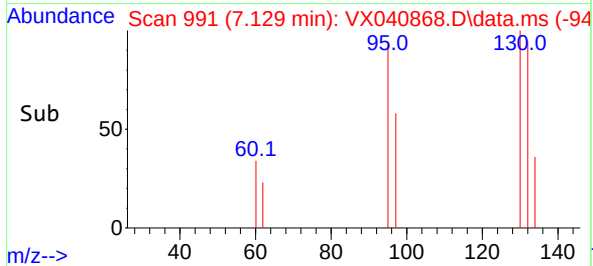


#44
Trichloroethene
Concen: 1.182 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

Instrument :
MSVOA_X
ClientSampleId :

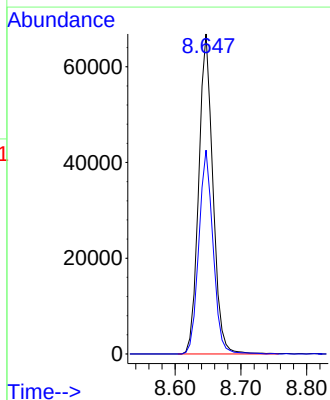
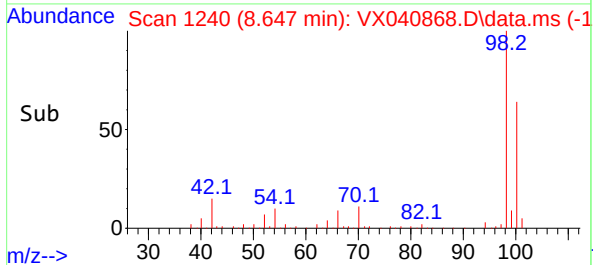
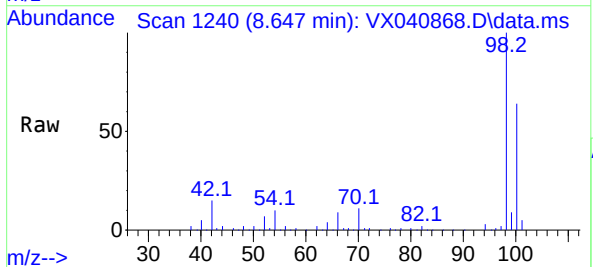


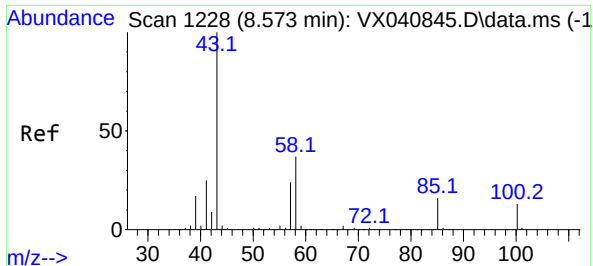
Tgt Ion:130 Resp: 648
Ion Ratio Lower Upper
130 100
95 92.5 0.0 204.4



#50
Toluene-d8
Concen: 49.920 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

Tgt Ion: 98 Resp: 100386
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

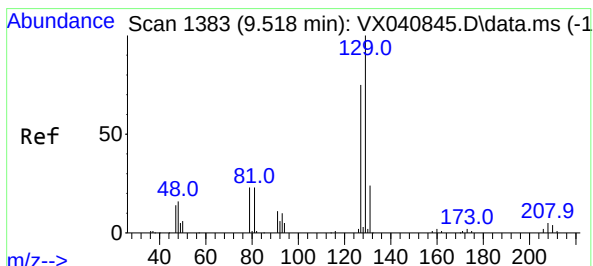
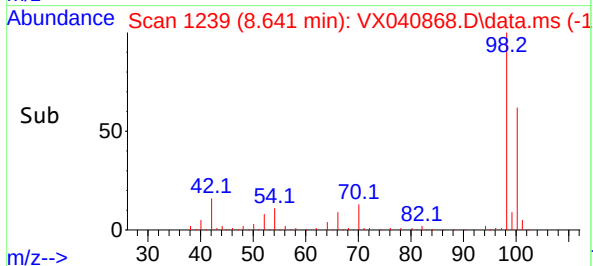
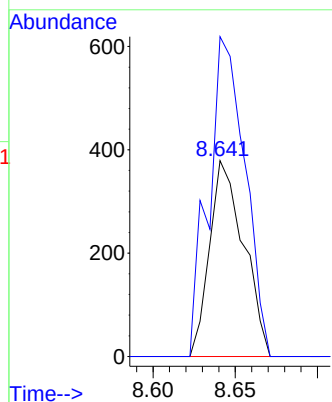
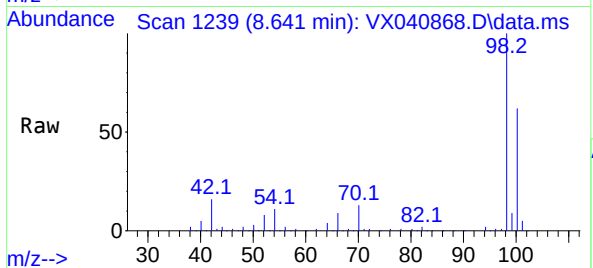




#51
4-Methyl-2-Pentanone
Concen: 0.548 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

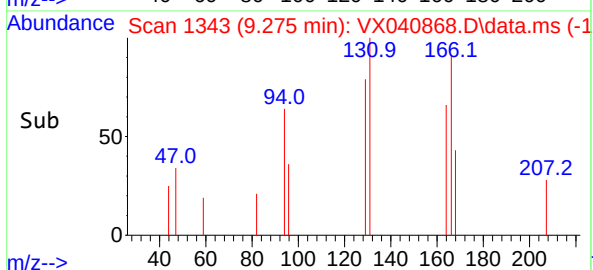
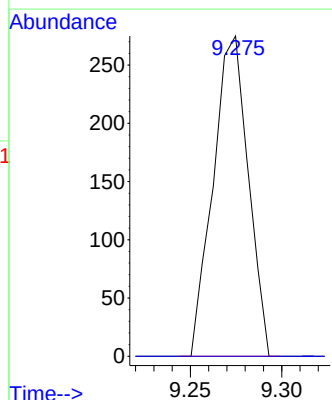
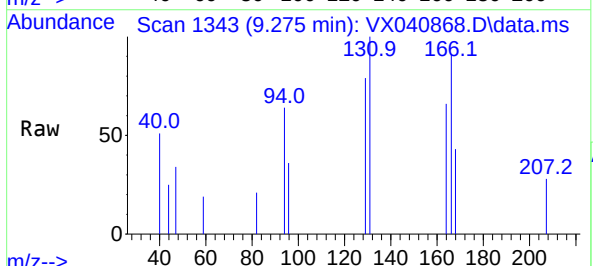
Instrument :
MSVOA_X
ClientSampleId :

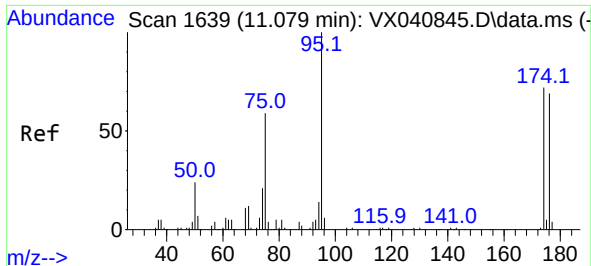
Tgt Ion: 43 Resp: 545
Ion Ratio Lower Upper
43 100
58 174.3 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.569 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

Tgt Ion: 129 Resp: 367
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

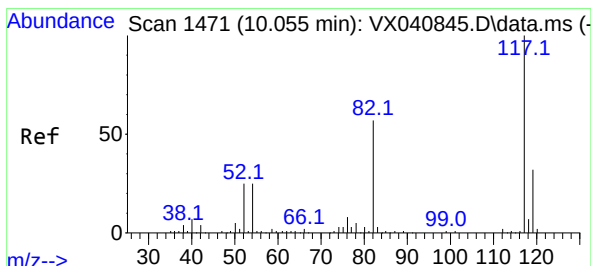
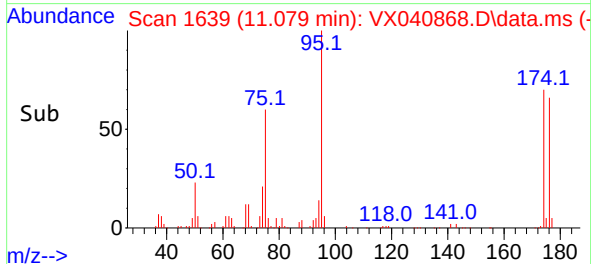
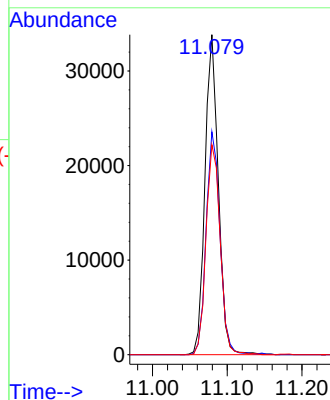
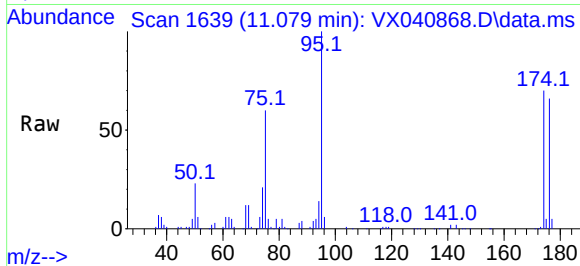




#62
4-Bromofluorobenzene
Concen: 52.276 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

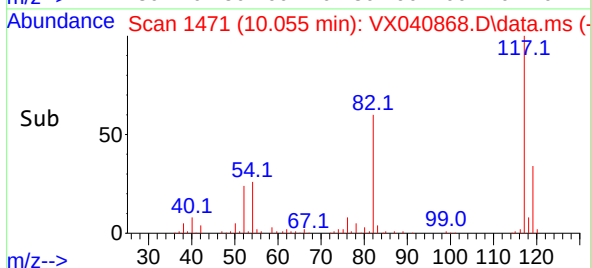
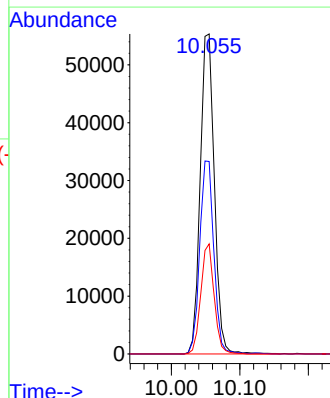
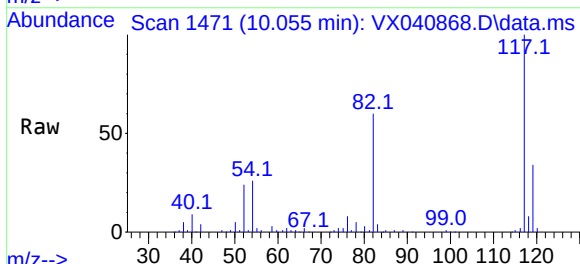
Instrument :
MSVOA_X
ClientSampleId :

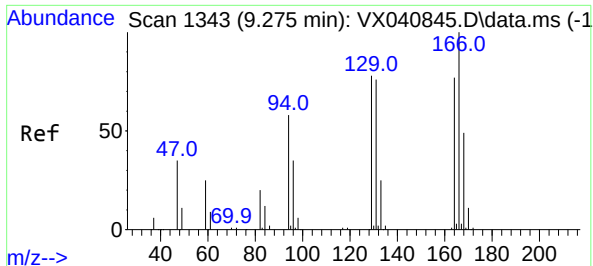
Tgt Ion: 95 Resp: 41981
Ion Ratio Lower Upper
95 100
174 72.2 0.0 135.6
176 69.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

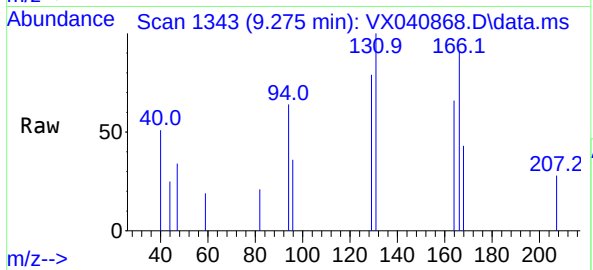
Tgt Ion: 117 Resp: 79564
Ion Ratio Lower Upper
117 100
82 60.1 46.2 69.4
119 34.4 25.5 38.3



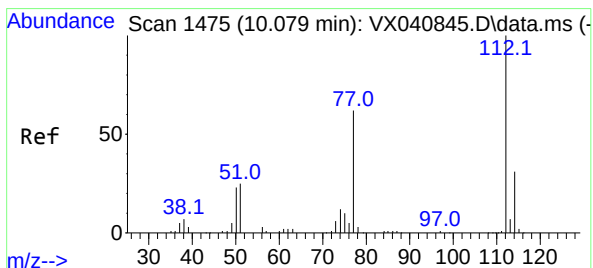
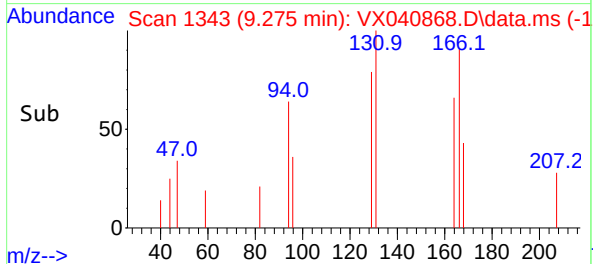
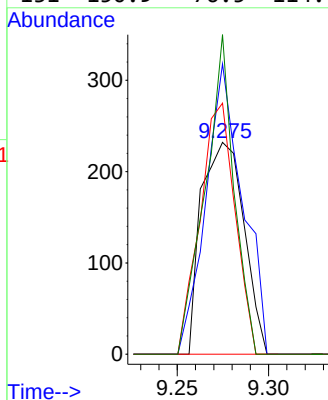


#64
Tetrachloroethene
Concen: 0.714 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

Instrument :
MSVOA_X
ClientSampleId :

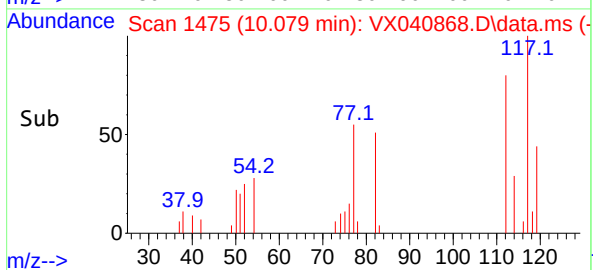
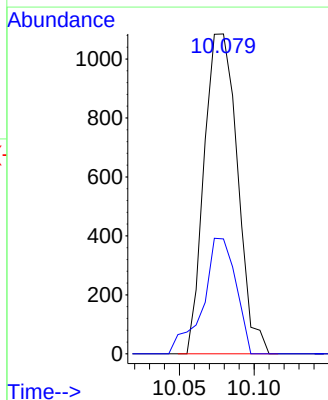
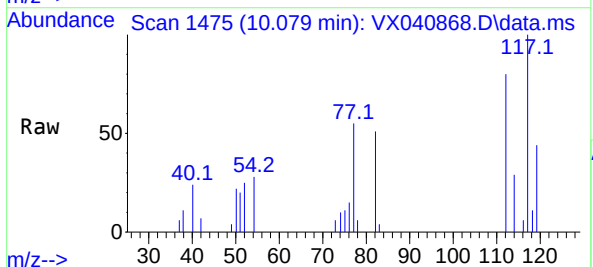


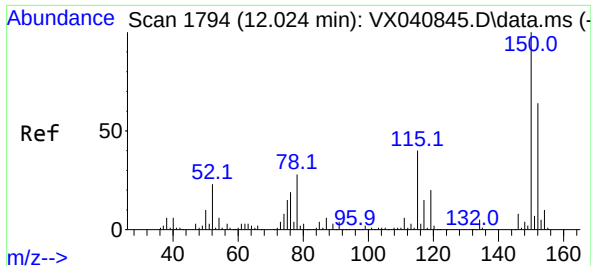
Tgt Ion:164 Resp: 376
Ion Ratio Lower Upper
164 100
166 137.1 102.7 154.1
129 118.5 80.4 120.6
131 150.9 76.5 114.7#



#65
Chlorobenzene
Concen: 0.965 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

Tgt Ion:112 Resp: 1680
Ion Ratio Lower Upper
112 100
114 35.9 25.7 38.5

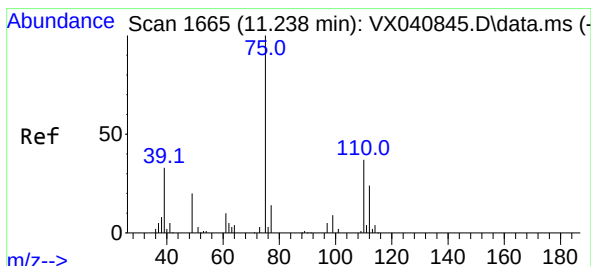
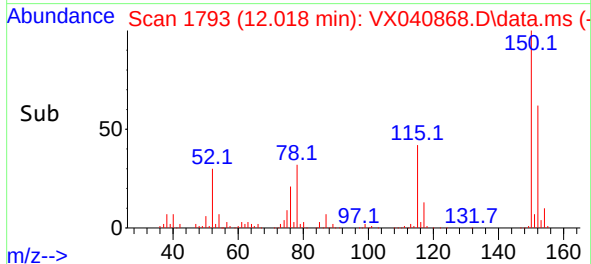
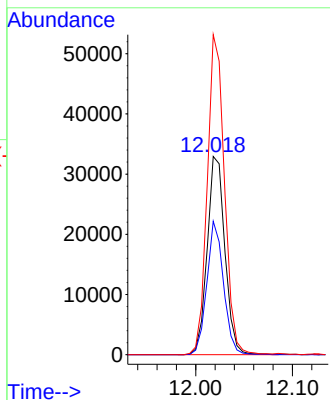
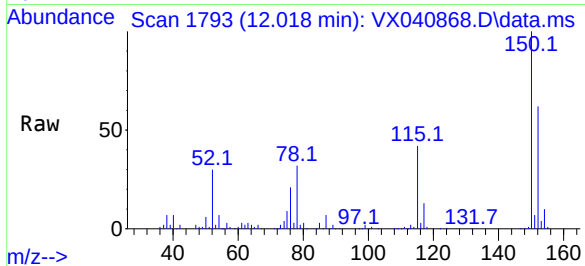




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

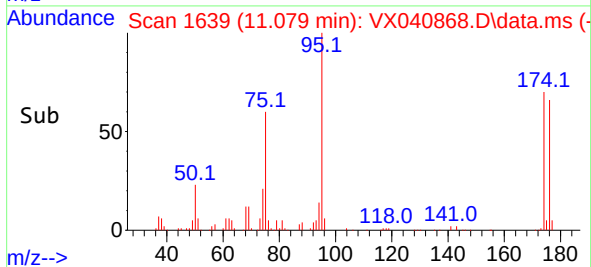
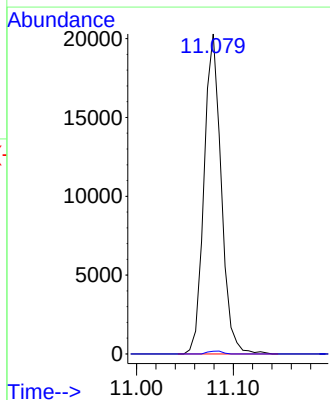
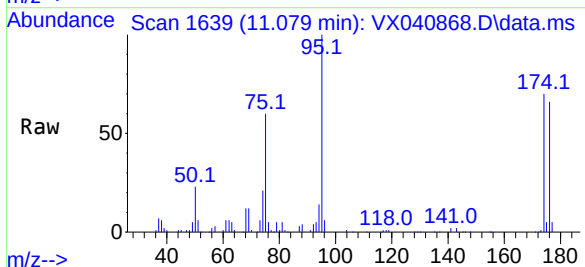
Instrument :
MSVOA_X
ClientSampleId :

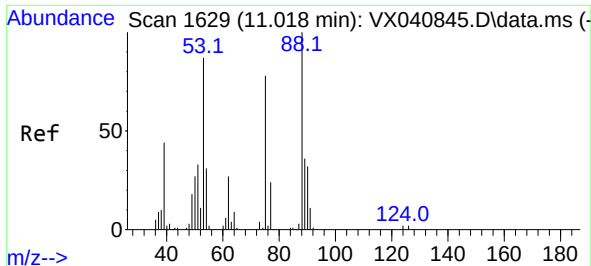
Tgt Ion:152 Resp: 42049
Ion Ratio Lower Upper
152 100
115 63.4 43.3 129.9
150 156.4 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 27.990 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

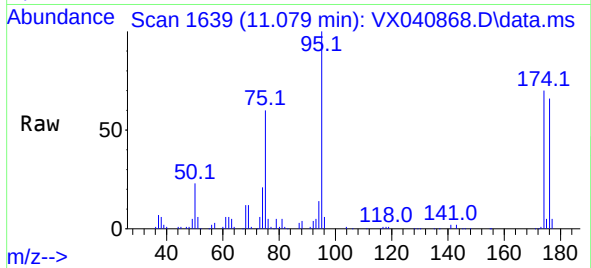
Tgt Ion: 75 Resp: 25097
Ion Ratio Lower Upper
75 100
77 0.8 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 75.517 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 25097
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

