

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102722\
 Data File : VW028724.D
 Acq On : 27 Oct 2022 16:50
 Operator : SY/MD
 Sample : N5233-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA77

Quant Time: Oct 28 02:19:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 02:13:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	223283	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	243491	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	140150	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	59051	3.803	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.564	69	53635	4.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.101	63	87456	2.912	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.200%#
20) 2-Butanone-d5	3.902	46	85487	24.142	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	48.280%
24) Chloroform-d	4.346	84	110543	4.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.104	65	100334	7.333	ug/L	0.08
Spiked Amount	5.000	Range	70 - 130	Recovery	=	146.600%#
32) Benzene-d6	5.079	84	257568	3.955	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	6.069	67	79920	3.877	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.600%
41) Toluene-d8	7.320	98	253082	4.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	7.625	79	22143	3.458	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.200%
46) 2-Hexanone-d5	8.095	63	145718	48.882	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.760%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	71184	5.207	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	11.619	152	94854	4.907	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	6786	0.721	ug/L	99
3) Chloromethane	1.236	50	2784	0.158	ug/L	99
5) Vinyl chloride	1.307	62	793851	45.449	ug/L	99
6) Bromomethane	1.519	94	998	0.120	ug/L	90
8) Chloroethane	1.580	64	242538	20.422	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	11504	0.832	ug/L	99
12) 1,1-Dichloroethene	2.114	96	9684	0.789	ug/L #	7
13) Acetone	1.947	43	1339843	637.499	ug/L	59
14) Carbon disulfide	2.291	76	15147	0.535	ug/L #	92
15) Methyl Acetate	2.526	43	403059	63.207	ug/L #	59
16) Methylene chloride	2.503	84	24768	1.463	ug/L	90
17) Methyl tert-butyl Ether	2.767	73	16198	0.503	ug/L #	1
18) trans-1,2-Dichloroethene	2.757	96	84515	6.843	ug/L	98
19) 1,1-Dichloroethane	3.185	63	1759939	59.038	ug/L	98
21) 2-Butanone	4.014	43	31525	8.727	ug/L #	74
22) cis-1,2-Dichloroethene	3.905	96	8122398	548.578	ug/L #	100
25) Chloroform	4.404	83	22679	0.782	ug/L #	34
27) 1,2-Dichloroethane	5.166	62	4714026	275.113	ug/L #	78
29) 1,1,1-Trichloroethane	4.606	97	4675	0.160	ug/L	89

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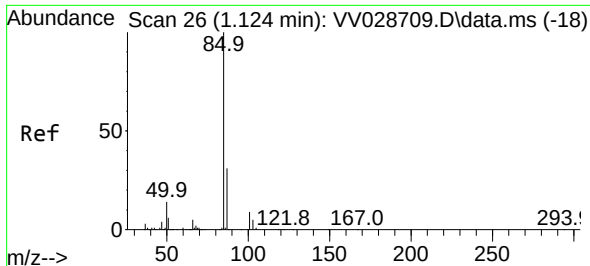
Instrument :
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Quant Time: Oct 28 02:19:12 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

30) Cyclohexane	4.674	56	514387	16.950	ug/L	99
34) Trichloroethene	5.918	95	14323	0.794	ug/L	95
35) Methylcyclohexane	6.130	83	554587	22.269	ug/L	98
37) 1,2-Dichloropropane	6.178	63	16916	0.910	ug/L #	1
38) Bromodichloromethane	6.551	83	65155	2.930	ug/L #	25
39) cis-1,3-Dichloropropene	6.992	75	2603	0.115	ug/L #	1
40) 4-Methyl-2-pentanone	7.246	43	928722	84.362	ug/L	97
44) trans-1,3-Dichloropropene	7.423	75	1988731	109.474	ug/L #	1
47) Tetrachloroethene	7.972	164	957	0.086	ug/L #	65
48) 2-Hexanone	8.156	43	93403	11.991	ug/L #	41
49) Dibromochloromethane	7.969	129	1059	0.088	ug/L #	13
51) Chlorobenzene	8.886	112	13182818	303.408	ug/L	91
54) o-Xylene	9.548	106	10978378	394.135	ug/L #	34
55) Styrene	9.548	104	600635	12.788	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.243	83	14431	1.007	ug/L #	56
60) Isopropylbenzene	9.927	105	2406206	27.284	ug/L	99
61) 1,2,3-Trichloropropane	10.914	75	319657	26.565	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.538	105	7569105	294.195	ug/L	98
63) 1,2,4-Trimethylbenzene	10.538	105	7569105	106.235	ug/L	94
64) 1,3-Dichlorobenzene	11.178	146	152037	4.002	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	1563345	41.247	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	874921	25.189	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.403	75	6509	2.627	ug/L #	9
70) 1,2,4-trichlorobenzene	13.252	180	7664	0.349	ug/L #	87
71) Naphthalene	13.493	128	1510070	40.122	ug/L	99

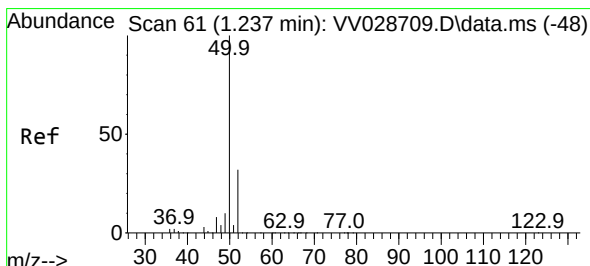
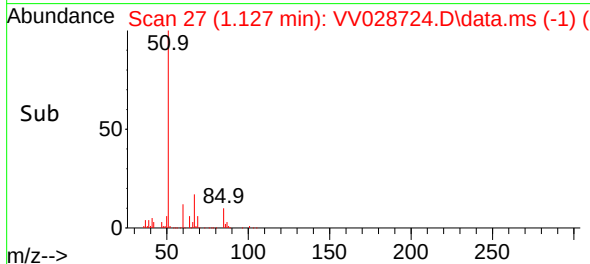
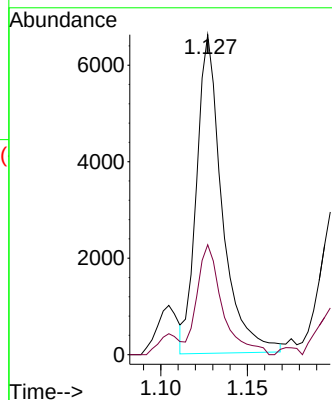
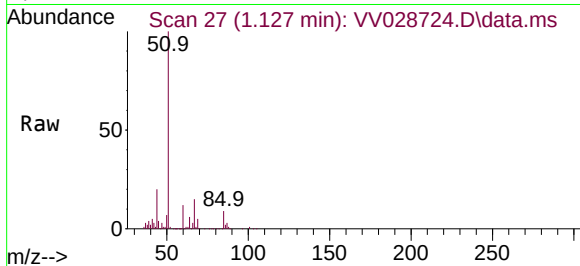
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.721 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV028724.D
 Acq: 27 Oct 2022 16:50

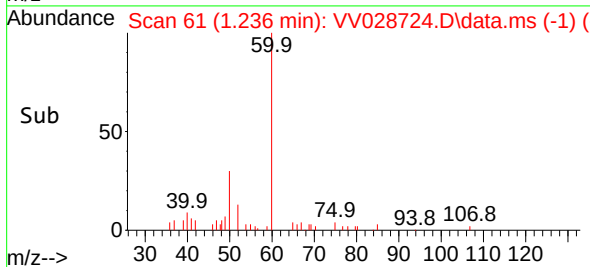
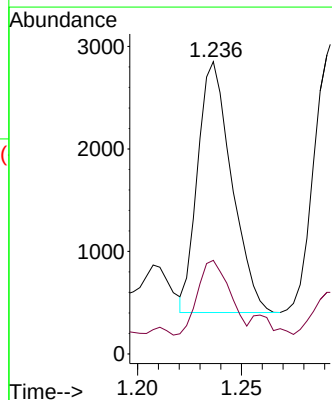
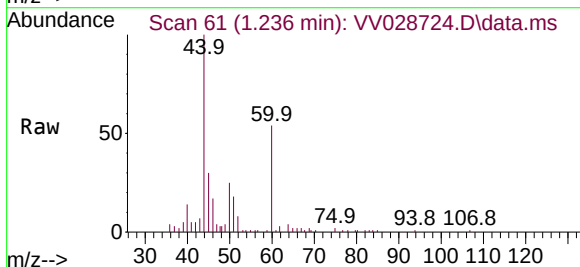
Instrument :
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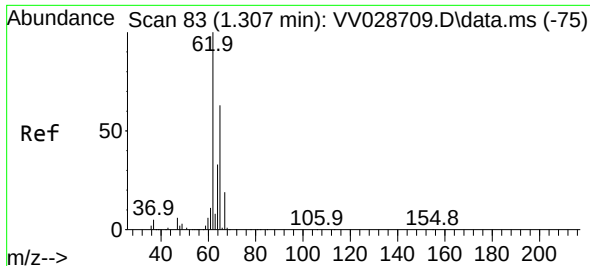
Tgt Ion: 85 Resp: 6786
 Ion Ratio Lower Upper
 85 100
 87 33.7 26.6 40.0



#3
 Chloromethane
 Concen: 0.158 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV028724.D
 Acq: 27 Oct 2022 16:50

Tgt Ion: 50 Resp: 2784
 Ion Ratio Lower Upper
 50 100
 52 32.0 21.8 40.6

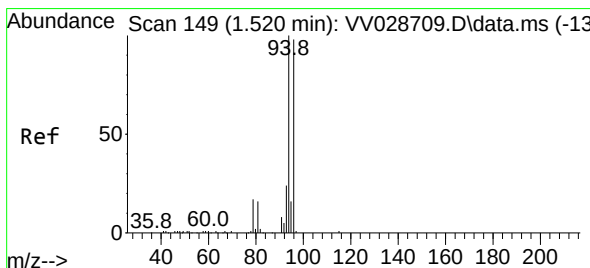
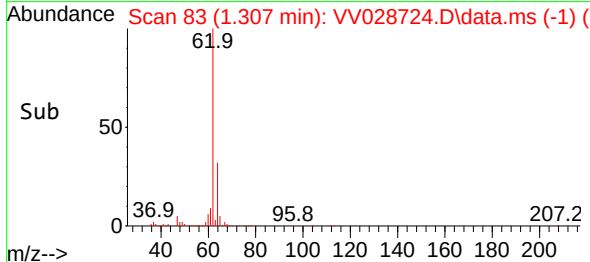
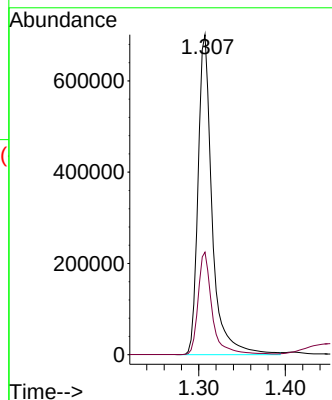
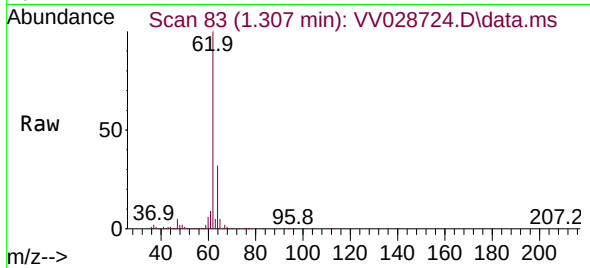




#5
 Vinyl chloride
 Concen: 45.449 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028724.D
 Acq: 27 Oct 2022 16:50

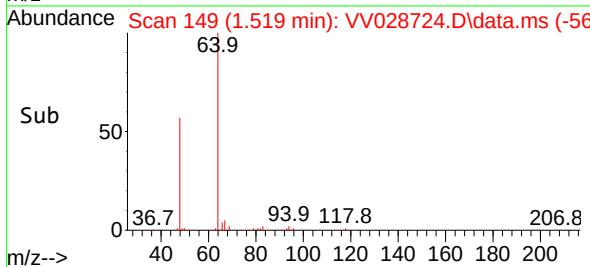
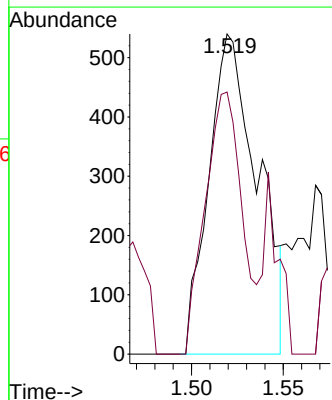
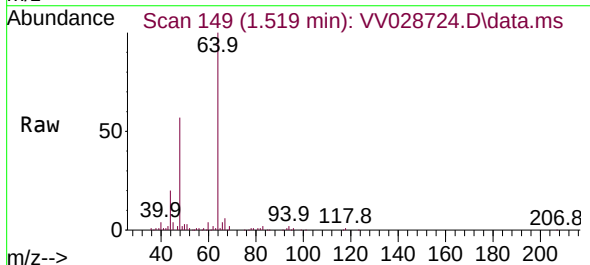
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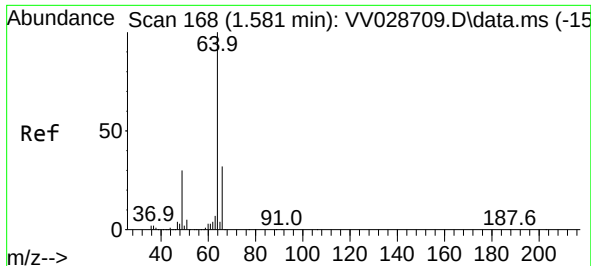
Tgt Ion: 62 Resp: 793851
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.0 41.0



#6
 Bromomethane
 Concen: 0.120 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV028724.D
 Acq: 27 Oct 2022 16:50

Tgt Ion: 94 Resp: 998
 Ion Ratio Lower Upper
 94 100
 96 81.9 64.3 119.3

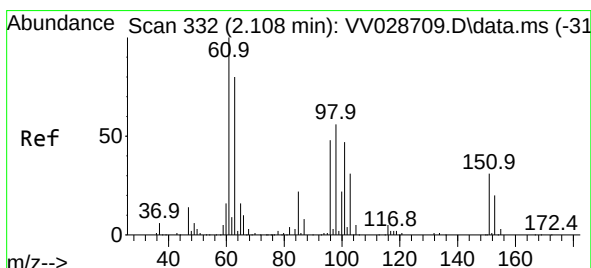
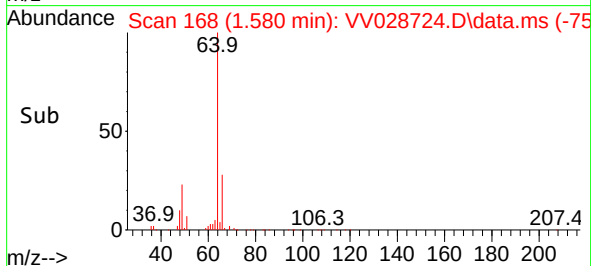
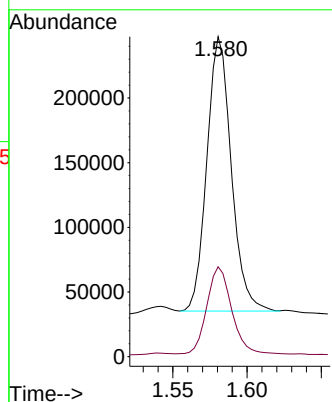
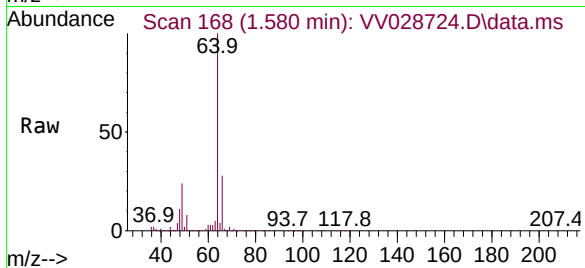




#8
Chloroethane
Concen: 20.422 ug/L
RT: 1.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

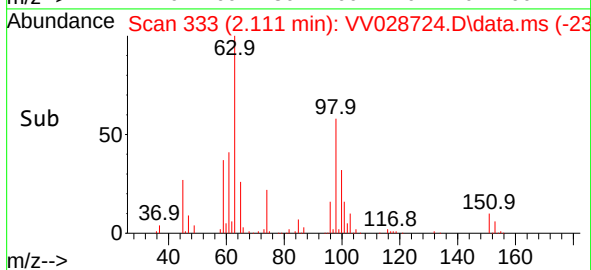
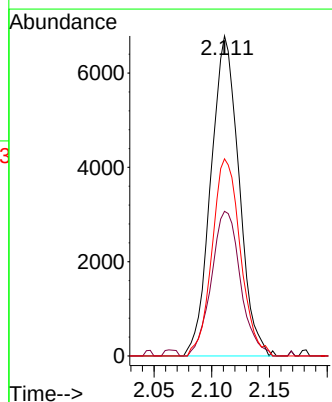
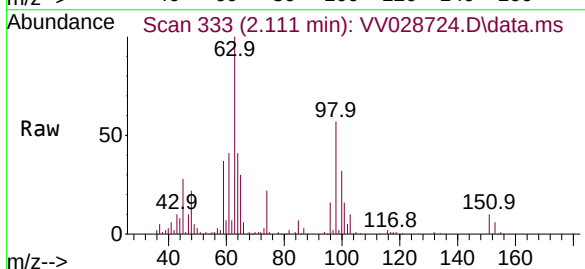
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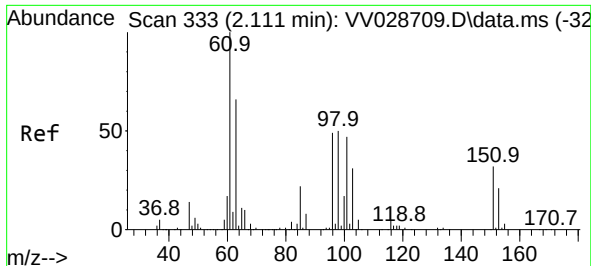
Tgt Ion: 64 Resp: 242538
Ion Ratio Lower Upper
64 100
66 28.1 23.9 44.5



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.832 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

Tgt Ion:101 Resp: 11504
Ion Ratio Lower Upper
101 100
85 46.6 37.0 55.6
151 61.8 50.2 75.2





#12

1,1-Dichloroethene

Concen: 0.789 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV028724.D

Acq: 27 Oct 2022 16:50

Instrument :

MSVOA_V

ClientSampleId :

BHA77

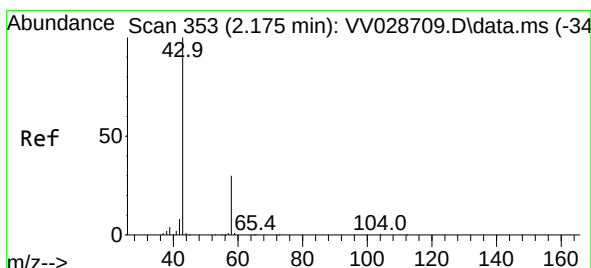
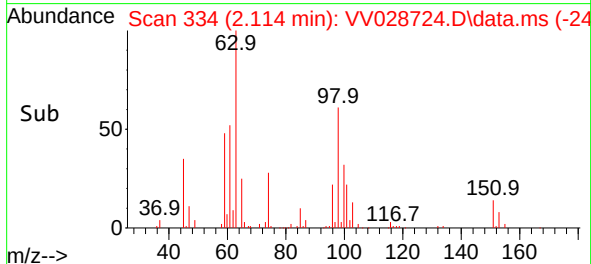
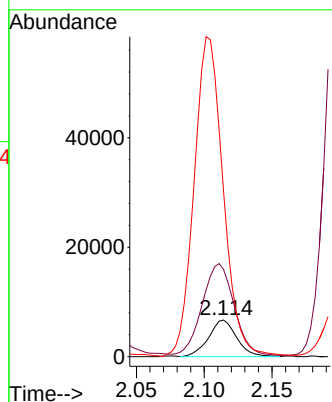
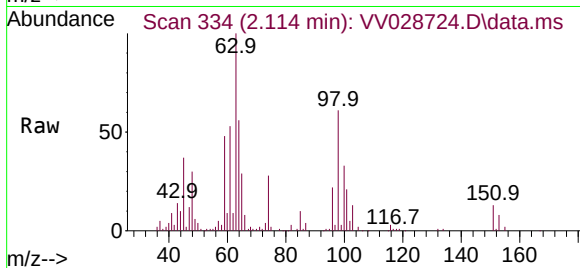
Tgt Ion: 96 Resp: 9684

Ion Ratio Lower Upper

96 100

61 237.9 148.1 275.1

63 451.7 133.3 247.7#



#13

Acetone

Concen: 637.499 ug/L

RT: 1.947 min Scan# 282

Delta R.T. -0.228 min

Lab File: VV028724.D

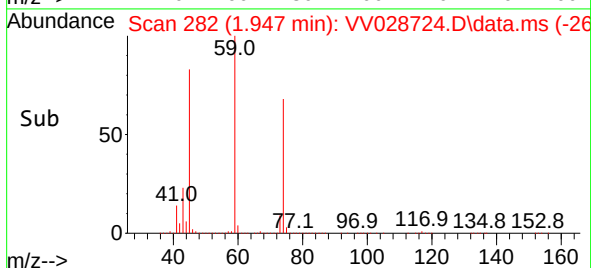
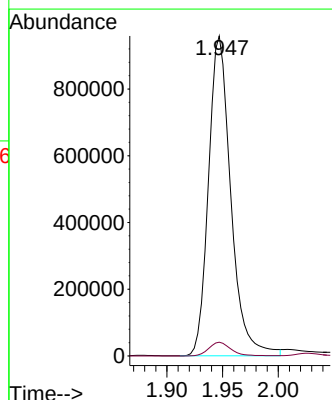
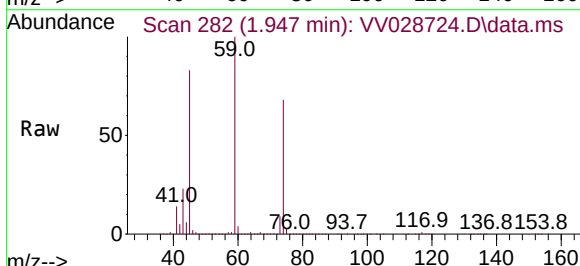
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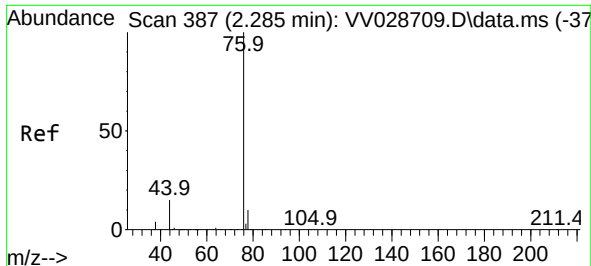
Tgt Ion: 43 Resp: 1339843

Ion Ratio Lower Upper

43 100

58 4.3 0.0 50.2

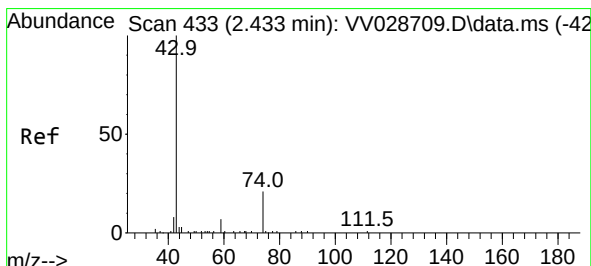
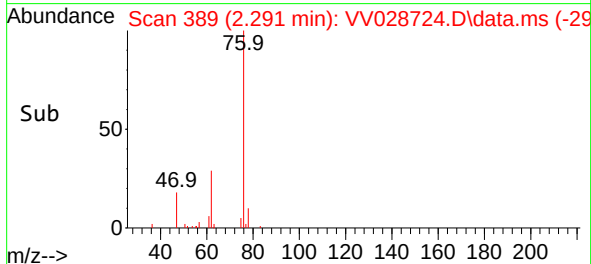
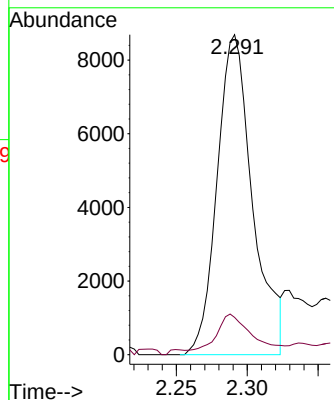
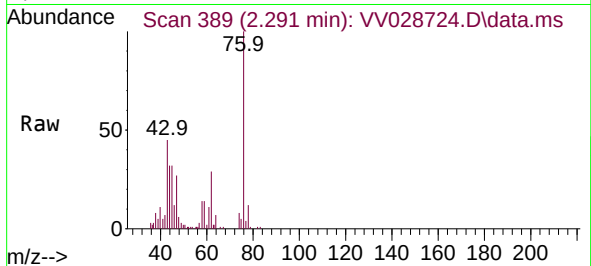




#14
Carbon disulfide
Concen: 0.535 ug/L
RT: 2.291 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV028724.D
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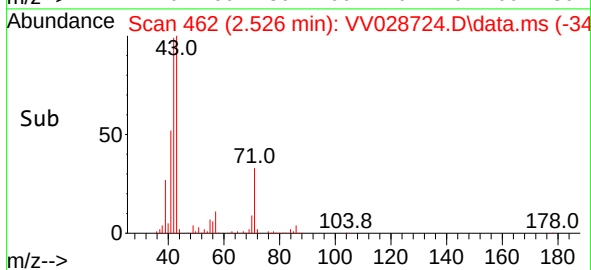
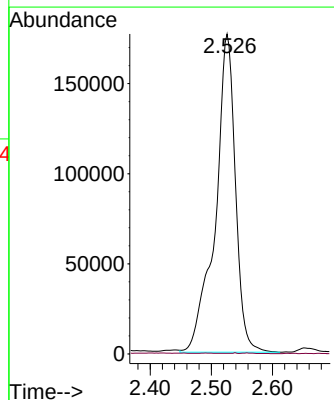
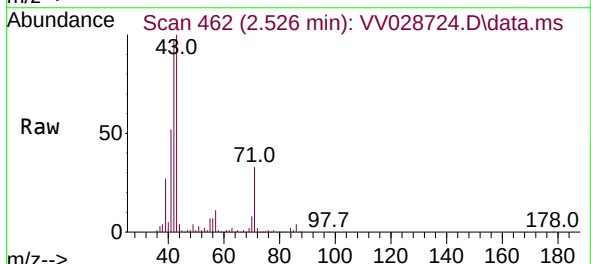
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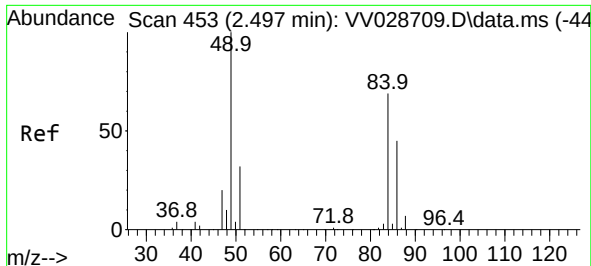
Tgt Ion: 76 Resp: 15147
Ion Ratio Lower Upper
76 100
78 11.6 7.1 10.7#



#15
Methyl Acetate
Concen: 63.207 ug/L
RT: 2.526 min Scan# 462
Delta R.T. 0.093 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

Tgt Ion: 43 Resp: 403059
Ion Ratio Lower Upper
43 100
74 0.1 14.9 22.3#

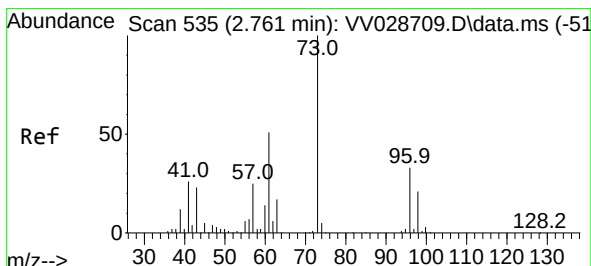
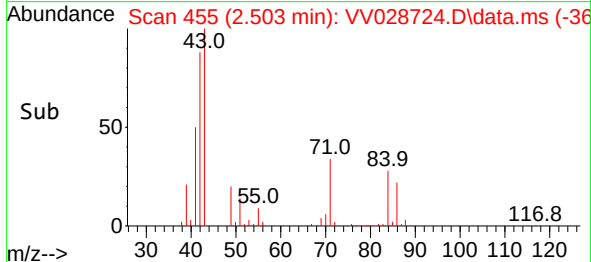
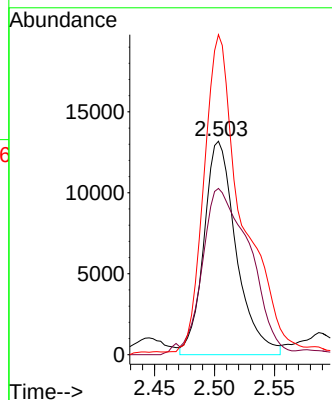
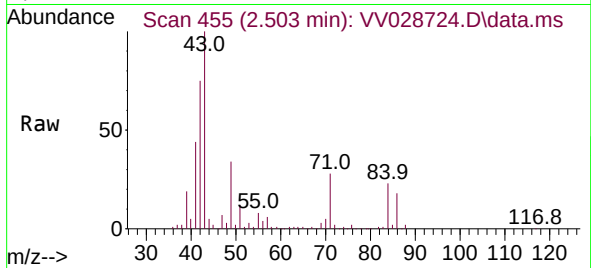




#16
Methylene chloride
Concen: 1.463 ug/L
RT: 2.503 min Scan# 411
Delta R.T. 0.006 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

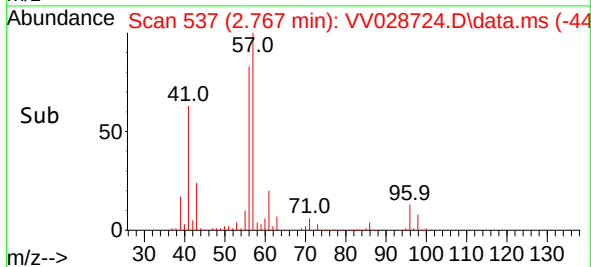
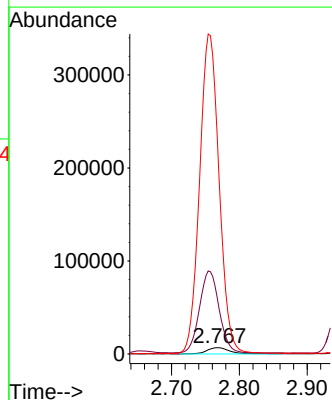
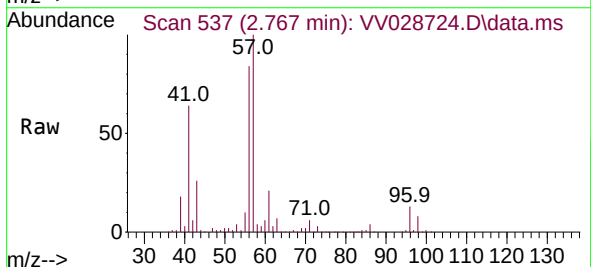
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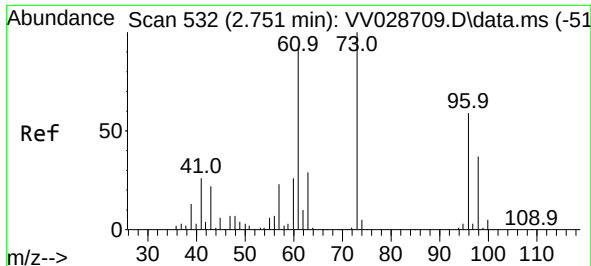
Tgt Ion: 84 Resp: 24768
Ion Ratio Lower Upper
84 100
86 77.9 44.4 82.4
49 149.9 110.8 205.8



#17
Methyl tert-butyl Ether
Concen: 0.503 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

Tgt Ion: 73 Resp: 16198
Ion Ratio Lower Upper
73 100
43 1089.8 18.0 27.0#
57 4249.3 20.0 30.0#

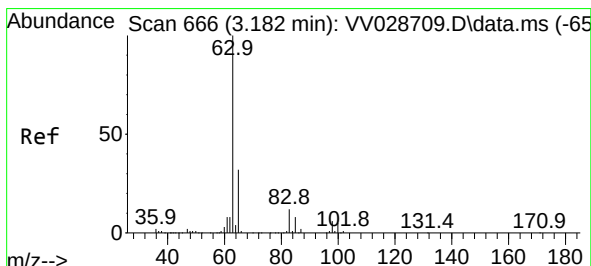
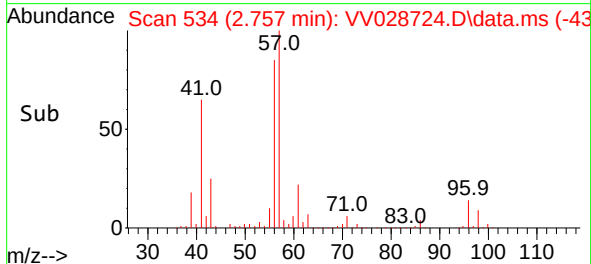
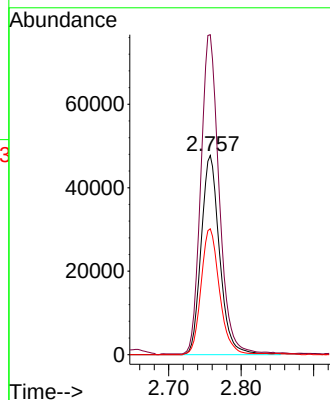
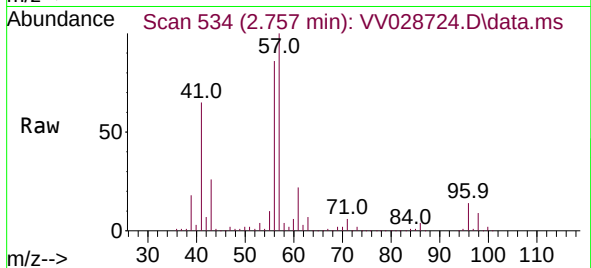




#18
trans-1,2-Dichloroethene
Concen: 6.843 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

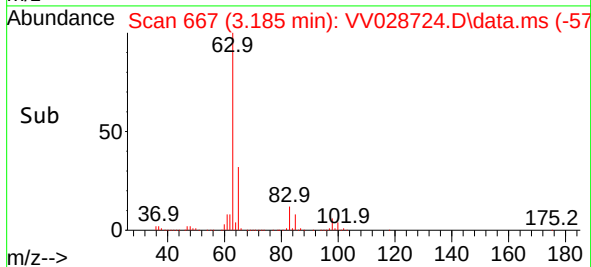
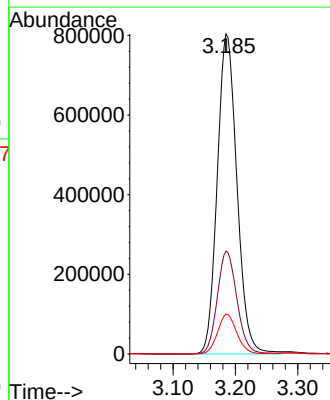
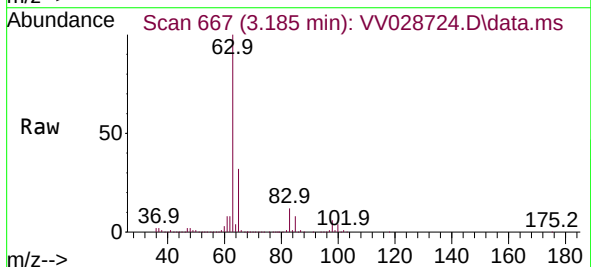
Instrument :
MSVOA_V
ClientSampleId :
BHA77

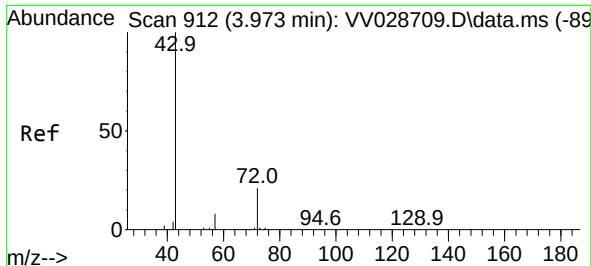
Tgt Ion: 96 Resp: 84515
Ion Ratio Lower Upper
96 100
61 160.6 114.3 212.3
98 63.2 45.0 83.6



#19
1,1-Dichloroethane
Concen: 59.038 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

Tgt Ion: 63 Resp: 1759939
Ion Ratio Lower Upper
63 100
65 32.2 23.1 42.9
83 12.5 7.9 14.7

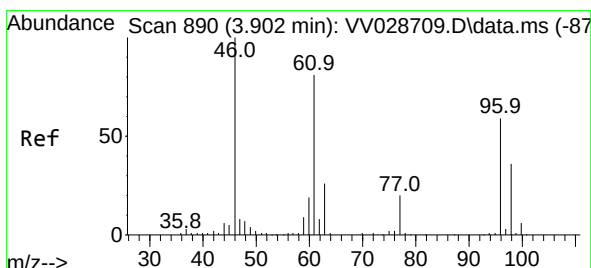
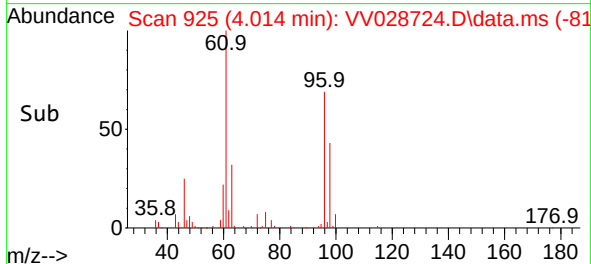
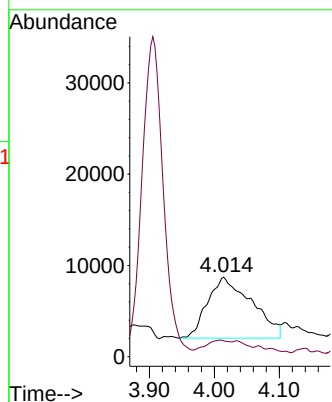
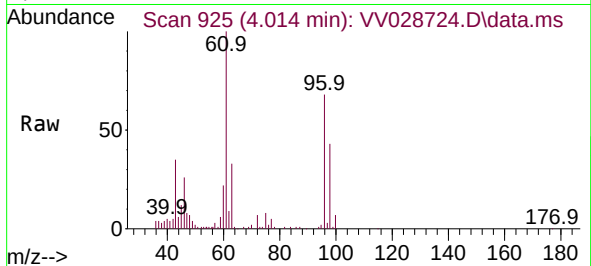




#21
2-Butanone
Concen: 8.727 ug/L
RT: 4.014 min Scan# 912
Delta R.T. 0.042 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

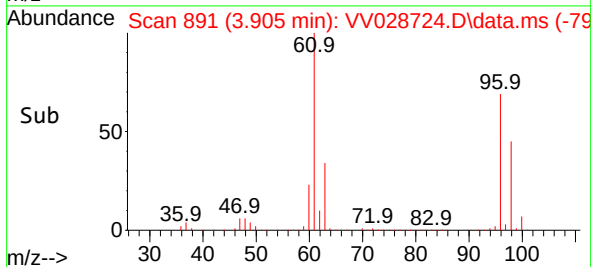
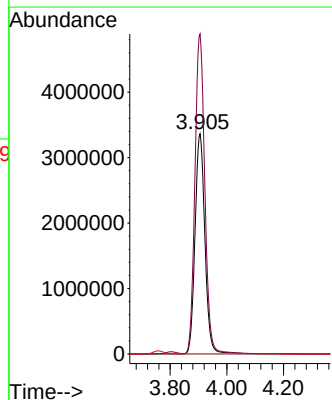
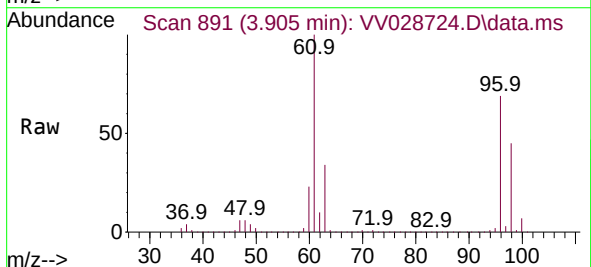
Instrument :
MSVOA_V
ClientSampleId :
BHA77

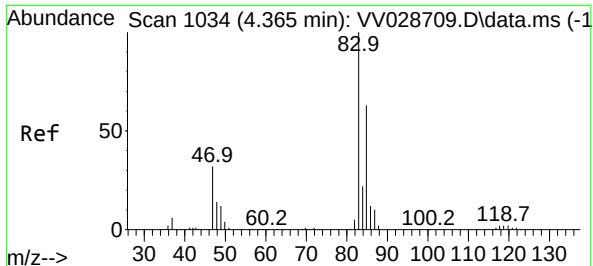
Tgt Ion: 43 Resp: 31525
Ion Ratio Lower Upper
43 100
72 8.5 10.2 30.4#



#22
cis-1,2-Dichloroethene
Concen: 548.578 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

Tgt Ion: 96 Resp: 8122398
Ion Ratio Lower Upper
96 100
61 145.3 101.4 188.2
68 0.0 0.5 0.9#

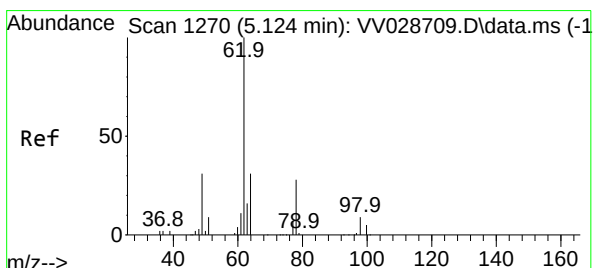
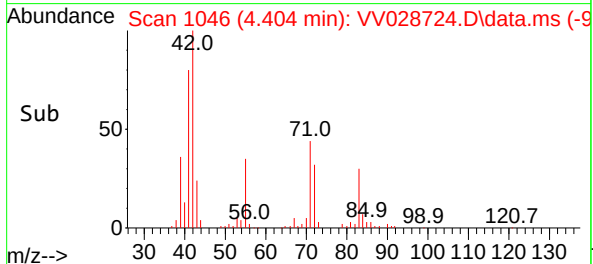
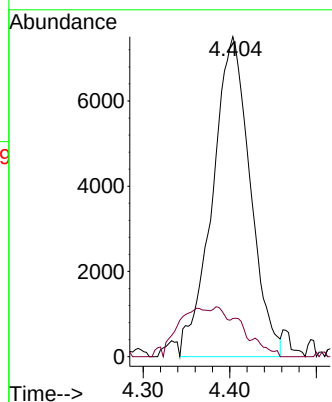
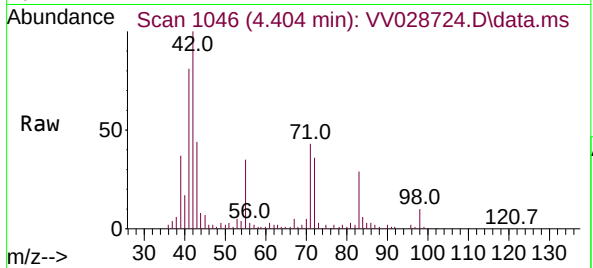




#25
Chloroform
Concen: 0.782 ug/L
RT: 4.404 min Scan# 1046
Delta R.T. 0.038 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

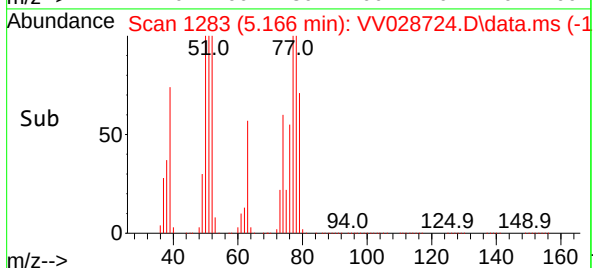
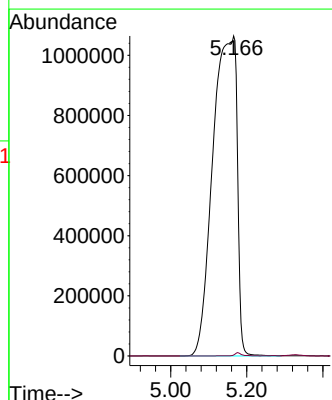
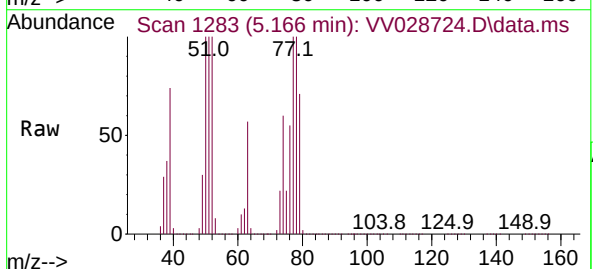
Instrument :
MSVOA_V
ClientSampleId :
BHA77

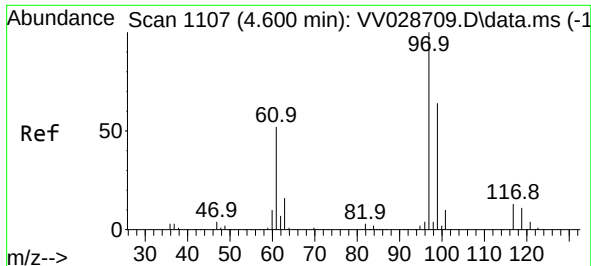
Tgt Ion: 83 Resp: 22679
Ion Ratio Lower Upper
83 100
85 11.9 44.1 81.9#



#27
1,2-Dichloroethane
Concen: 275.113 ug/L
RT: 5.166 min Scan# 1283
Delta R.T. 0.042 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

Tgt Ion: 62 Resp: 4714026
Ion Ratio Lower Upper
62 100
98 0.3 6.6 9.8#





#29

1,1,1-Trichloroethane

Concen: 0.160 ug/L

RT: 4.606 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VV028724.D

Acq: 27 Oct 2022 16:50

Instrument :

MSVOA_V

ClientSampleId :

BHA77

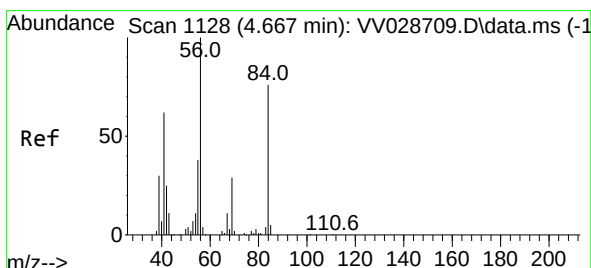
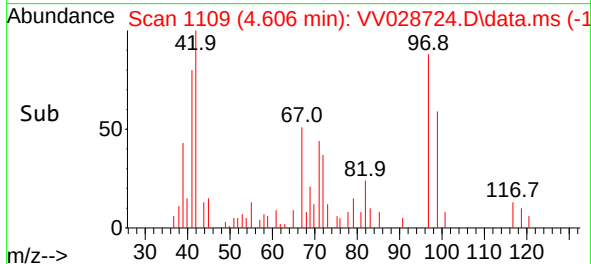
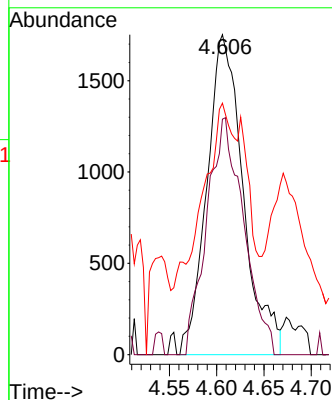
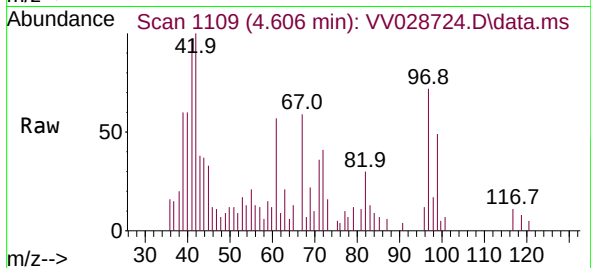
Tgt Ion: 97 Resp: 4675

Ion Ratio Lower Upper

97 100

99 75.2 50.5 75.7

61 49.2 43.1 64.7



#30

Cyclohexane

Concen: 16.950 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VV028724.D

Acq: 27 Oct 2022 16:50

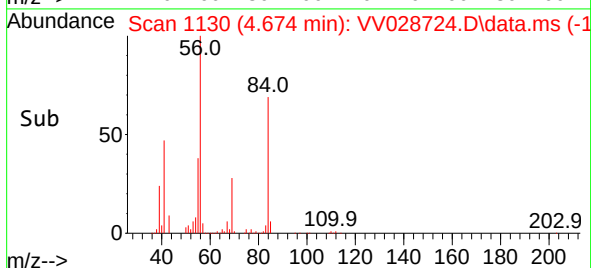
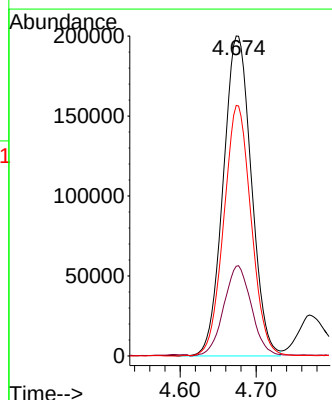
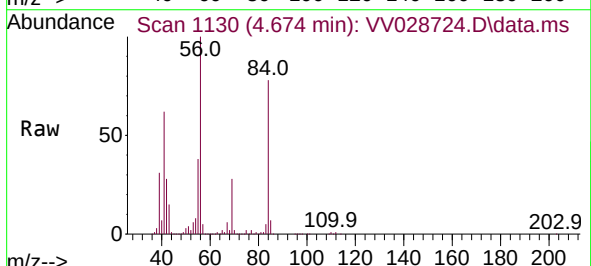
Tgt Ion: 56 Resp: 514387

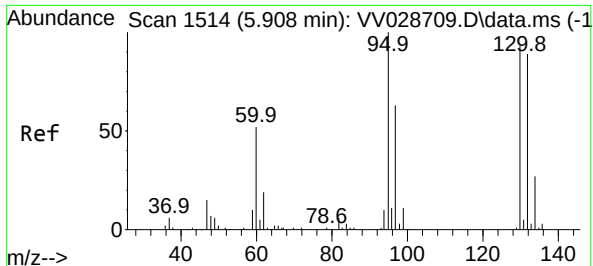
Ion Ratio Lower Upper

56 100

69 27.7 22.6 34.0

84 76.4 60.4 90.6





#34

Trichloroethene

Concen: 0.794 ug/L

RT: 5.918 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV028724.D

Acq: 27 Oct 2022 16:50

Instrument :

MSVOA_V

ClientSampleId :

BHA77

Tgt Ion: 95 Resp: 14323

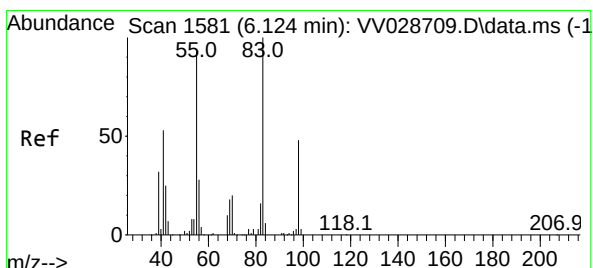
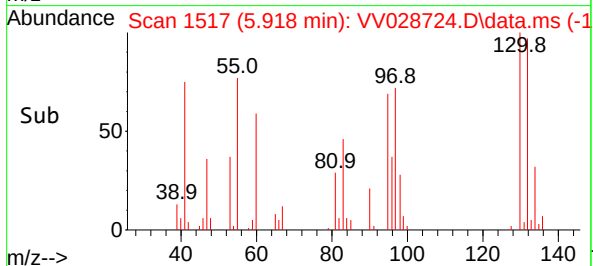
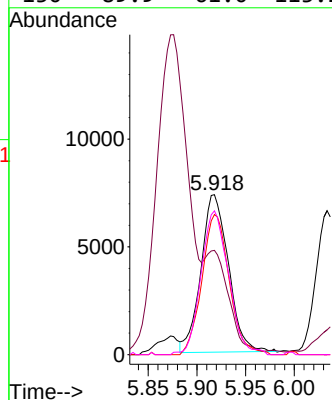
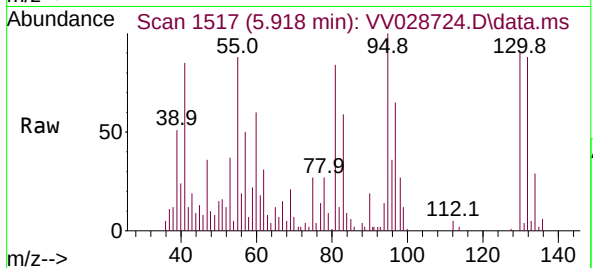
Ion Ratio Lower Upper

95 100

97 65.1 43.5 80.9

132 87.6 56.5 104.9

130 89.9 61.0 113.2



#35

Methylcyclohexane

Concen: 22.269 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.006 min

Lab File: VV028724.D

Acq: 27 Oct 2022 16:50

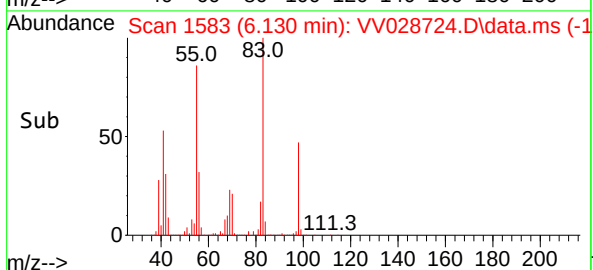
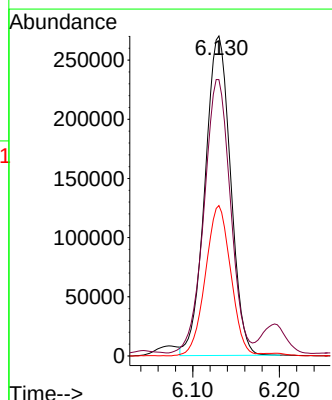
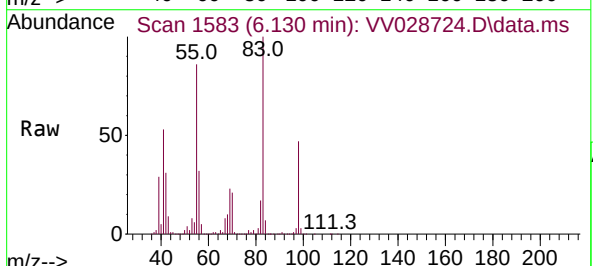
Tgt Ion: 83 Resp: 554587

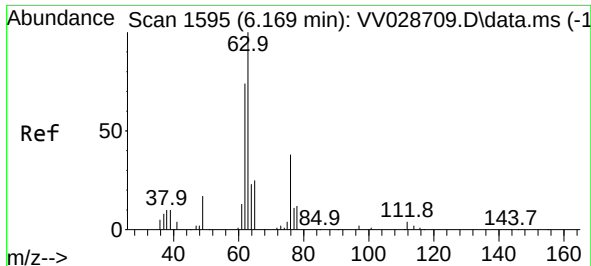
Ion Ratio Lower Upper

83 100

55 89.2 70.0 105.0

98 46.5 35.6 53.4





#37

1,2-Dichloropropane

Concen: 0.910 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV028724.D

Acq: 27 Oct 2022 16:50

Instrument :

MSVOA_V

ClientSampleId :

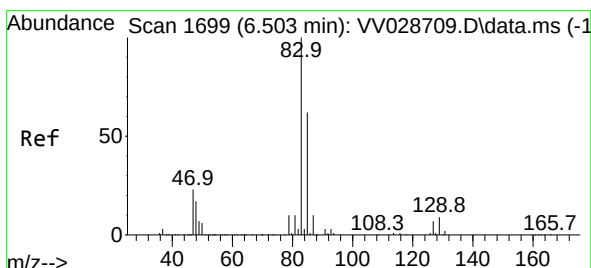
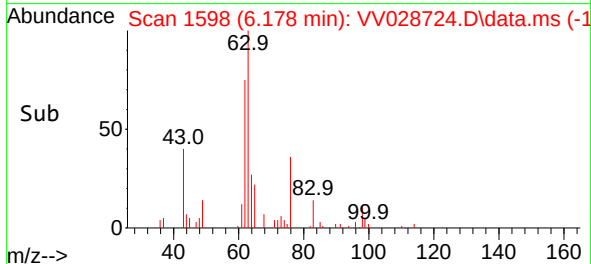
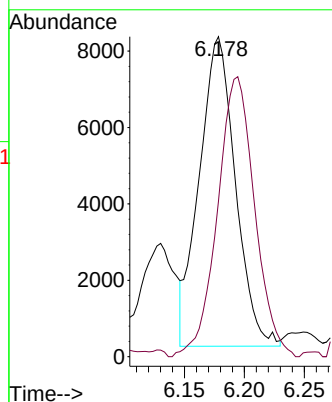
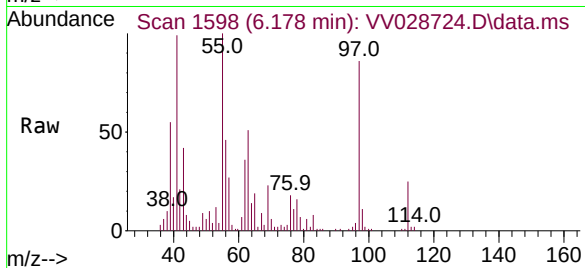
BHA77

Tgt Ion: 63 Resp: 16916

Ion Ratio Lower Upper

63 100

112 93.6 3.4 5.2#



#38

Bromodichloromethane

Concen: 2.930 ug/L

RT: 6.551 min Scan# 1714

Delta R.T. 0.048 min

Lab File: VV028724.D

Acq: 27 Oct 2022 16:50

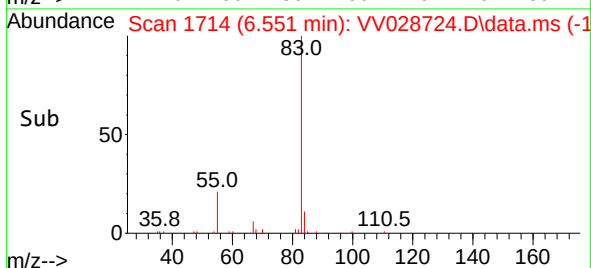
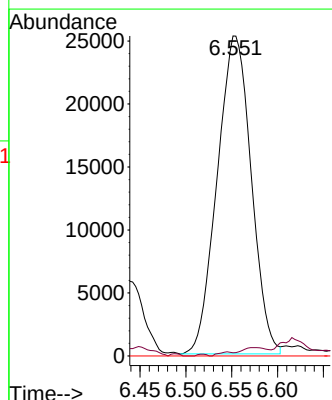
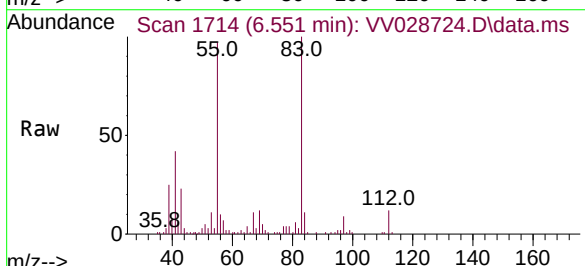
Tgt Ion: 83 Resp: 65155

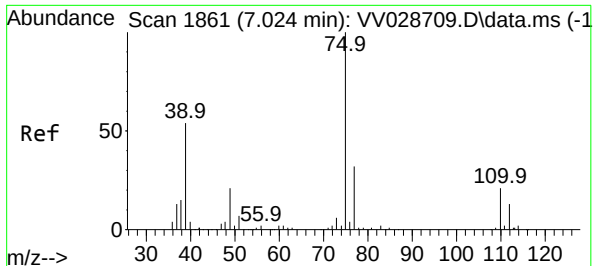
Ion Ratio Lower Upper

83 100

85 1.0 45.1 83.9#

127 0.0 5.7 8.5#





#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV028724.D

Acq: 27 Oct 2022 16:50

Instrument :

MSVOA_V

ClientSampleId :

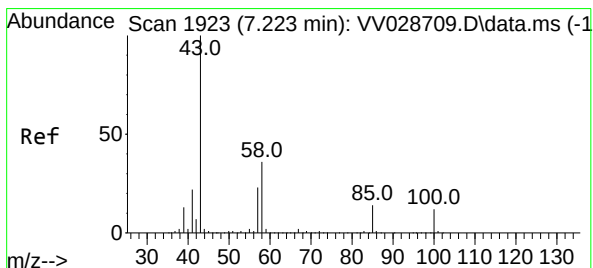
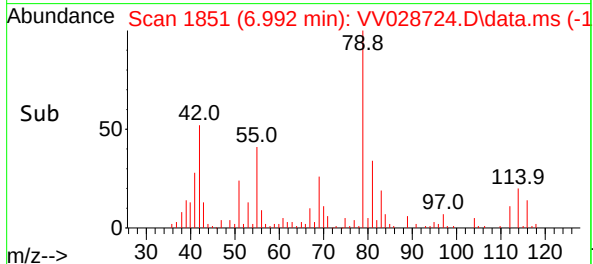
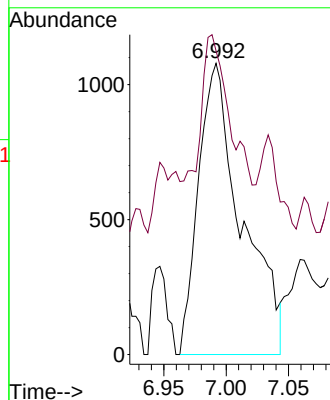
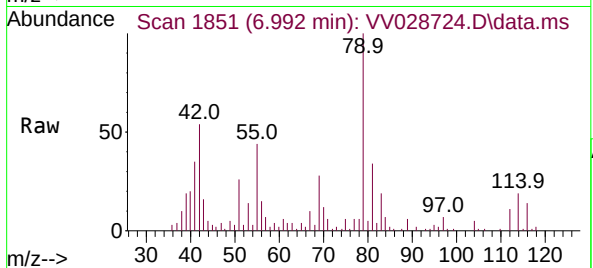
BHA77

Tgt Ion: 75 Resp: 2603

Ion Ratio Lower Upper

75 100

77 104.3 22.1 41.1#



#40

4-Methyl-2-pentanone

Concen: 84.362 ug/L

RT: 7.246 min Scan# 1930

Delta R.T. 0.022 min

Lab File: VV028724.D

Acq: 27 Oct 2022 16:50

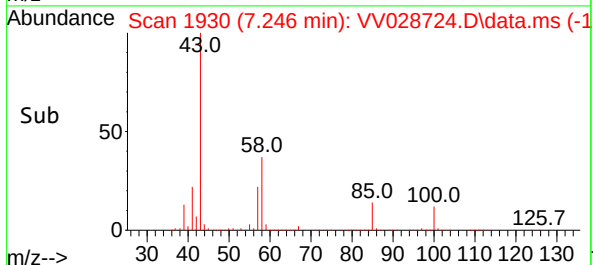
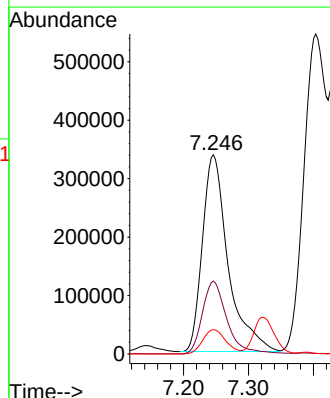
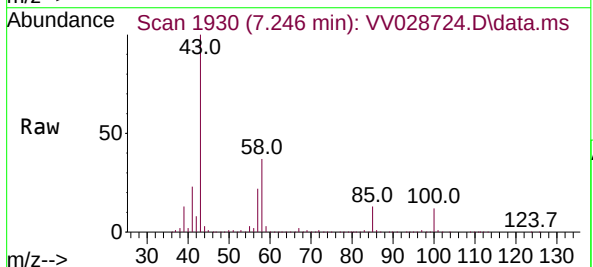
Tgt Ion: 43 Resp: 928722

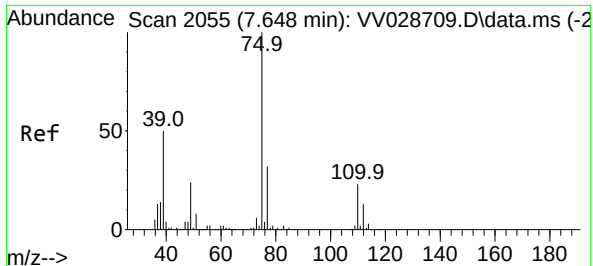
Ion Ratio Lower Upper

43 100

58 35.0 29.6 44.4

100 11.1 9.4 14.0

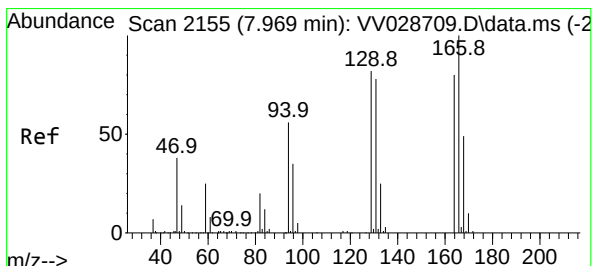
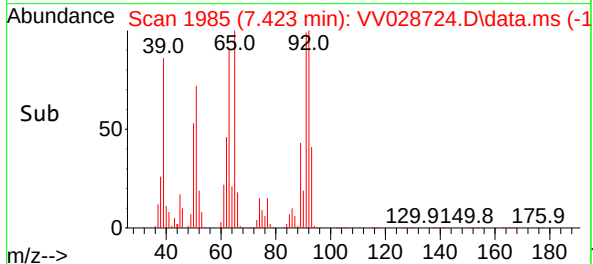
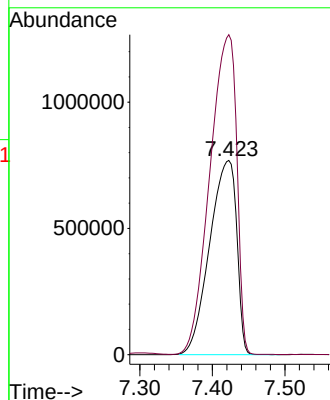
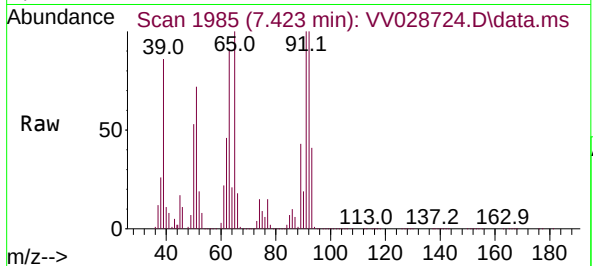




#44
trans-1,3-Dichloropropene
Concen: 109.474 ug/L
RT: 7.423 min Scan# 1985
Delta R.T. -0.225 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

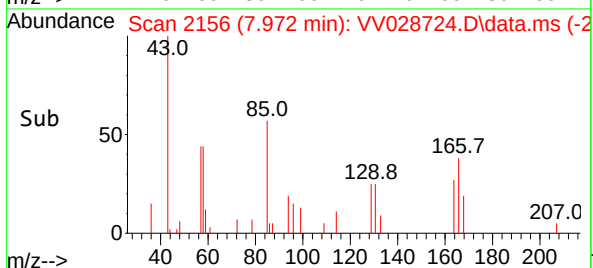
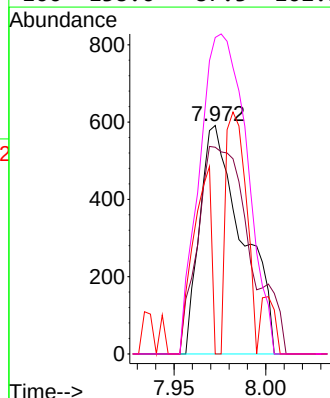
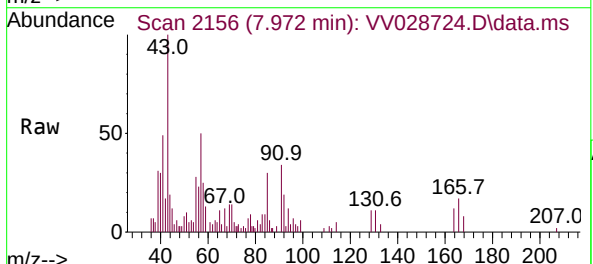
Instrument :
MSVOA_V
ClientSampleId :
BHA77

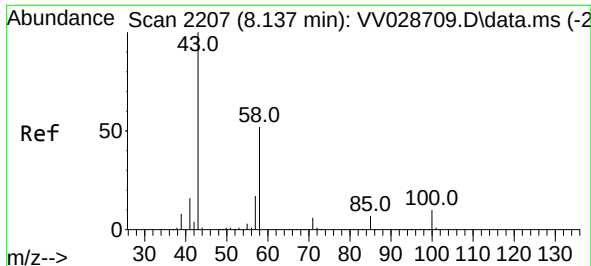
Tgt Ion: 75 Resp: 1988731
Ion Ratio Lower Upper
75 100
77 164.8 22.6 42.0#



#47
Tetrachloroethene
Concen: 0.086 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

Tgt Ion:164 Resp: 957
Ion Ratio Lower Upper
164 100
129 90.5 69.2 128.6
131 0.0 64.2 119.2#
166 138.6 87.3 162.1

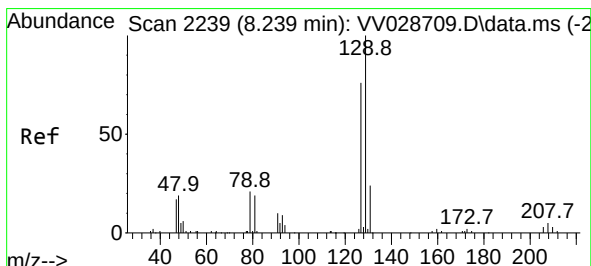
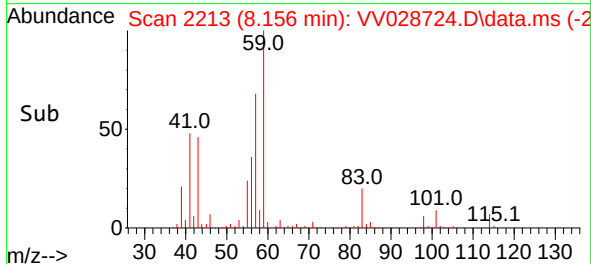
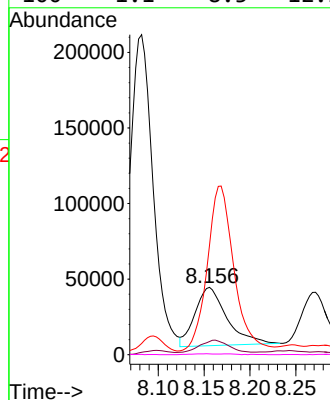
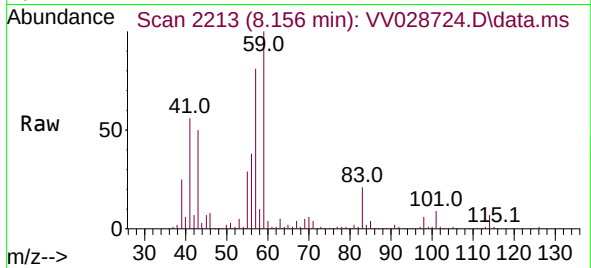




#48
2-Hexanone
Concen: 11.991 ug/L
RT: 8.156 min Scan# 2155
Delta R.T. 0.019 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

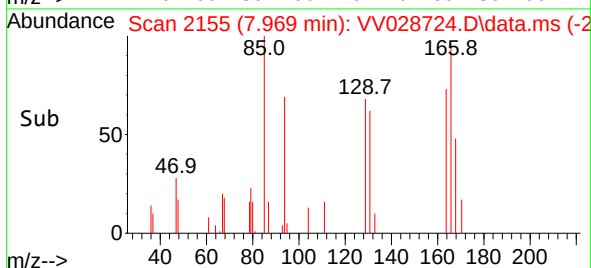
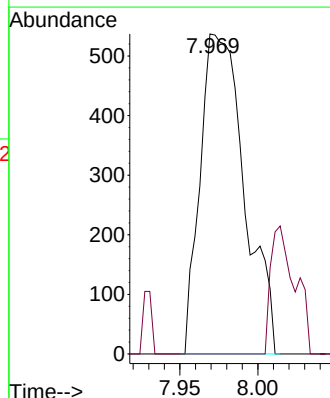
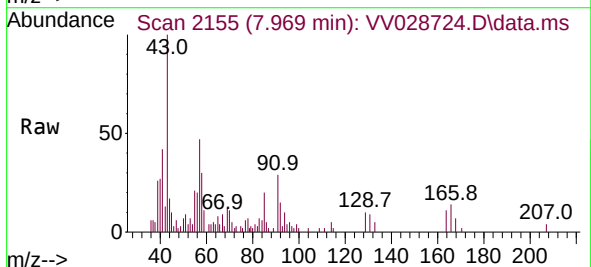
Instrument :
MSVOA_V
ClientSampleId :
BHA77

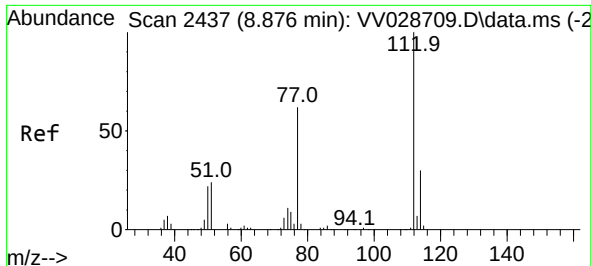
Tgt Ion: 43 Resp: 93403
Ion Ratio Lower Upper
43 100
58 0.0 40.6 60.8#
57 0.0 13.8 20.8#
100 1.1 8.3 12.5#



#49
Dibromochloromethane
Concen: 0.088 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.270 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

Tgt Ion: 129 Resp: 1059
Ion Ratio Lower Upper
129 100
127 0.0 51.6 95.8#

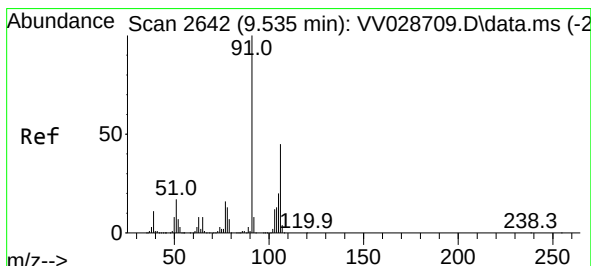
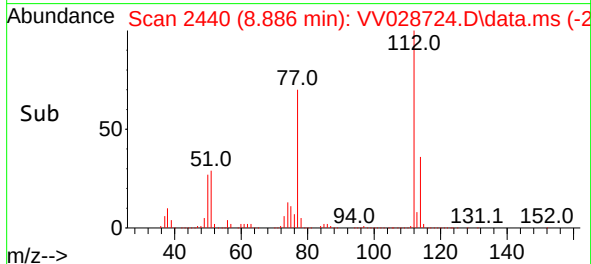
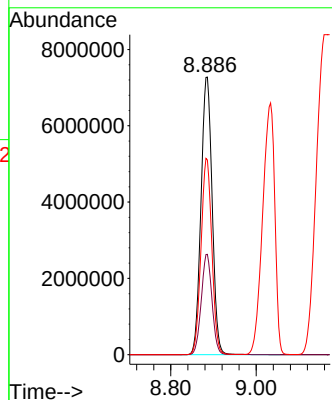
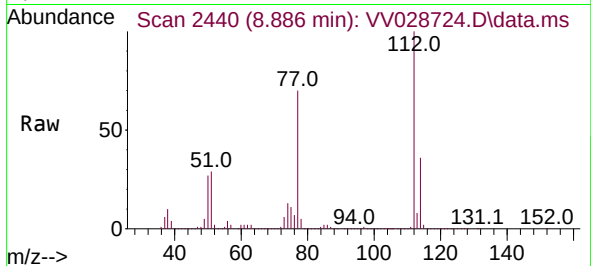




#51
Chlorobenzene
Concen: 303.408 ug/L
RT: 8.886 min Scan# 2437
Delta R.T. 0.010 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

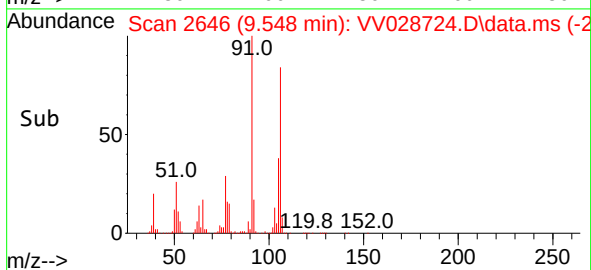
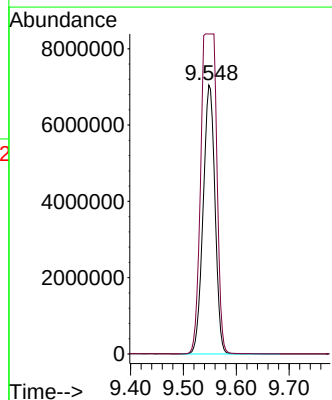
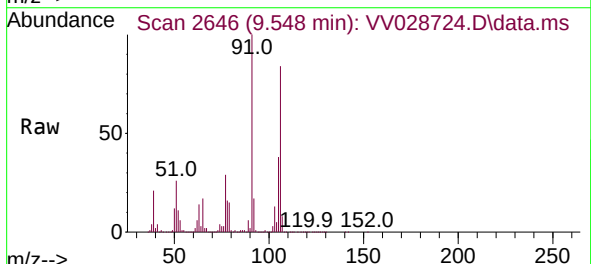
Instrument :
MSVOA_V
ClientSampleId :
BHA77

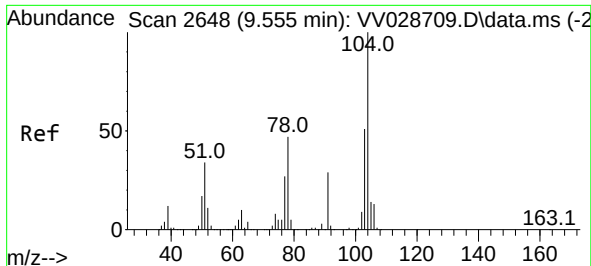
Tgt Ion:112 Resp:13182818
Ion Ratio Lower Upper
112 100
114 36.1 22.0 41.0
77 70.1 50.0 75.0



#54
o-Xylene
Concen: 394.135 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.013 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

Tgt Ion:106 Resp:10978378
Ion Ratio Lower Upper
106 100
91 119.1 159.0 295.4#

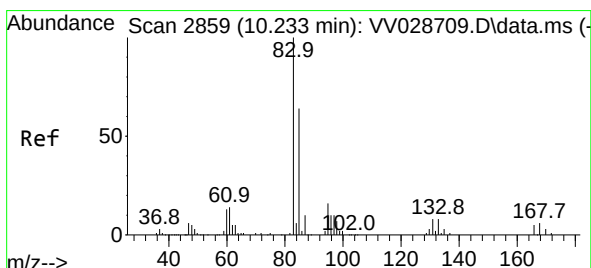
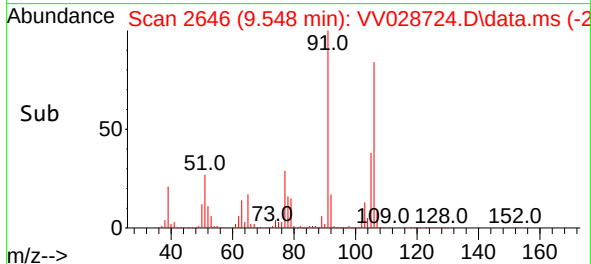
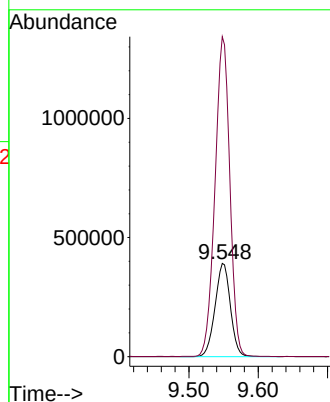
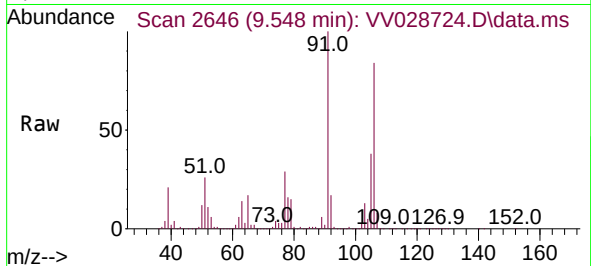




#55
Styrene
Concen: 12.788 ug/L
RT: 9.548 min Scan# 20
Delta R.T. -0.007 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

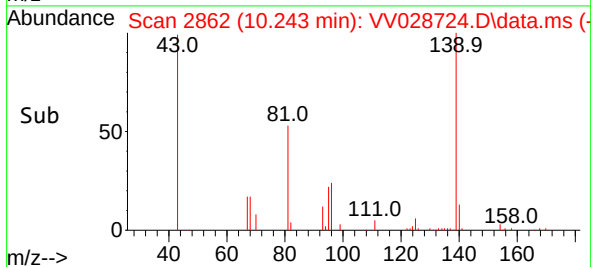
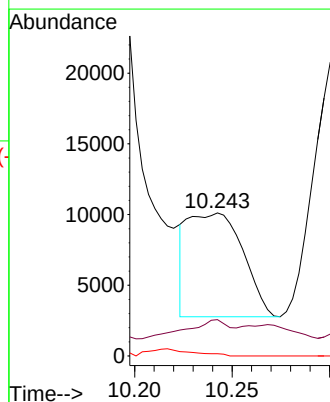
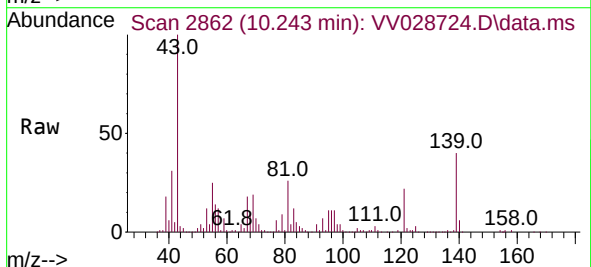
Instrument :
MSVOA_V
ClientSampleId :
BHA77

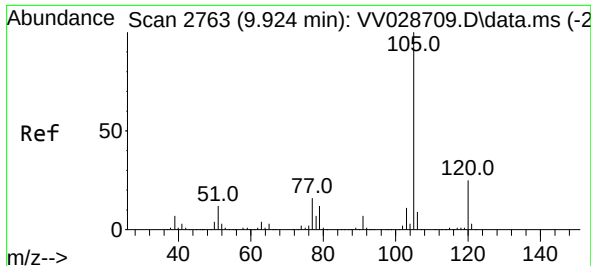
Tgt Ion:104 Resp: 600635
Ion Ratio Lower Upper
104 100
78 343.0 32.8 61.0#



#57
1,1,2,2-Tetrachloroethane
Concen: 1.007 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.010 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

Tgt Ion: 83 Resp: 14431
Ion Ratio Lower Upper
83 100
85 25.4 43.0 80.0#
131 1.6 6.5 9.7#

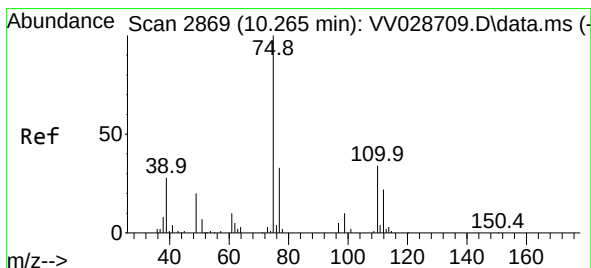
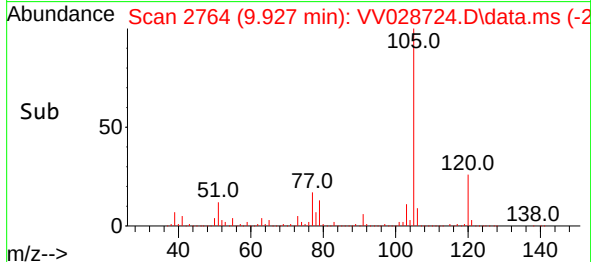
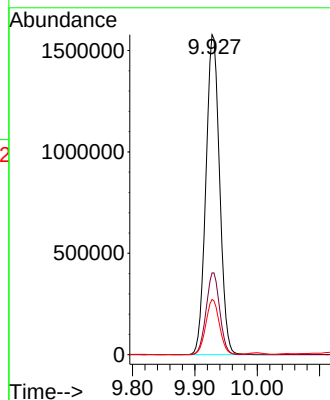
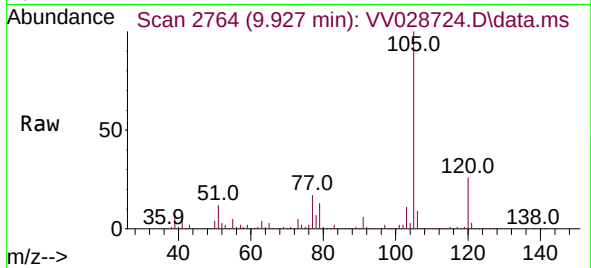




#60
Isopropylbenzene
Concen: 27.284 ug/L
RT: 9.927 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

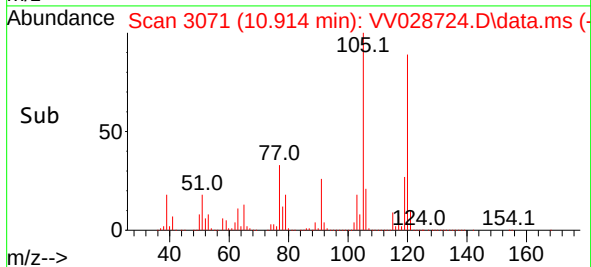
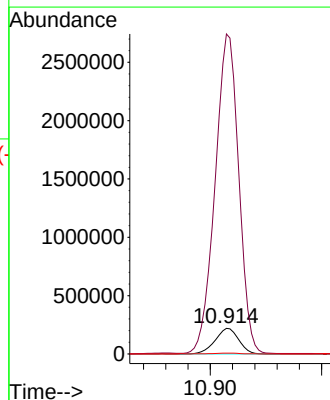
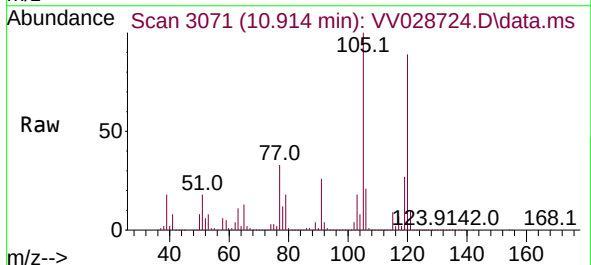
Instrument :
MSVOA_V
ClientSampleId :
BHA77

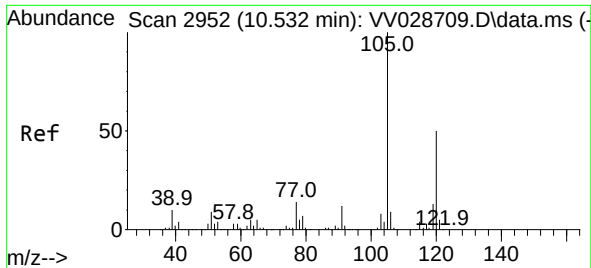
Tgt Ion:105 Resp: 2406206
Ion Ratio Lower Upper
105 100
120 25.5 20.1 30.1
77 17.2 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 26.565 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.649 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

Tgt Ion: 75 Resp: 319657
Ion Ratio Lower Upper
75 100
77 1263.2 25.2 37.8#
110 3.3 27.9 41.9#

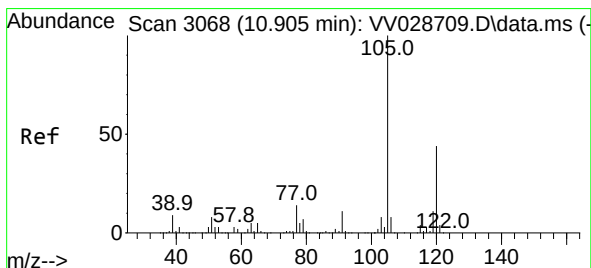
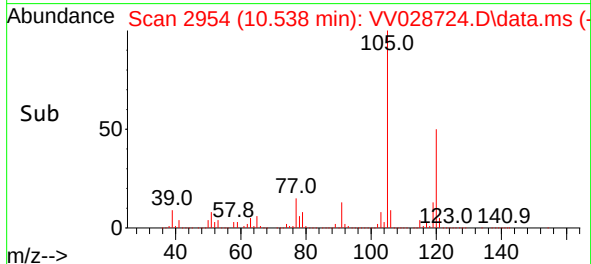
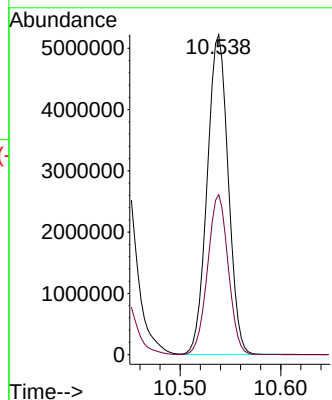
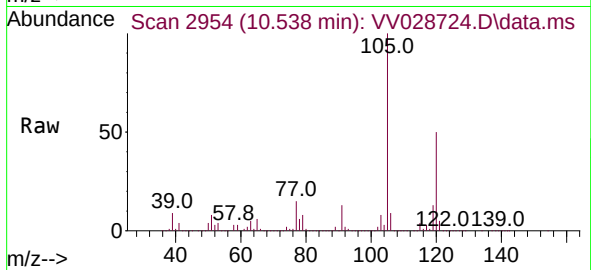




#62
 1,3,5-Trimethylbenzene
 Concen: 294.195 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.006 min
 Lab File: VV028724.D
 Acq: 27 Oct 2022 16:50

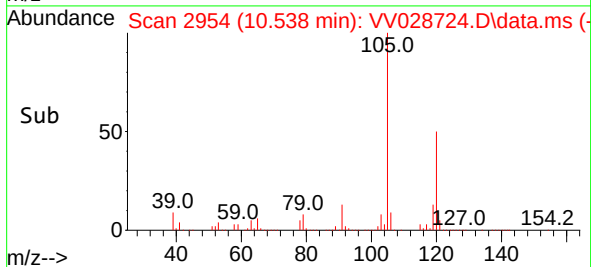
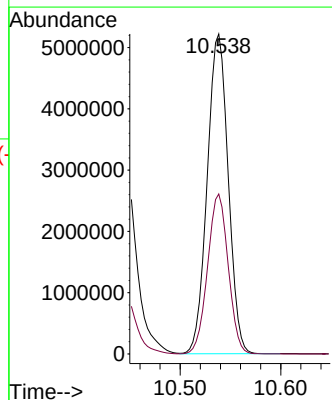
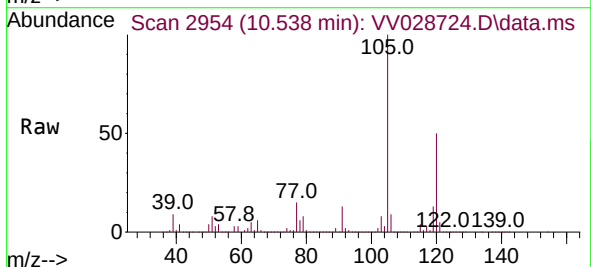
Instrument :
 MSVOA_V
 ClientSampleId :
 BHA77

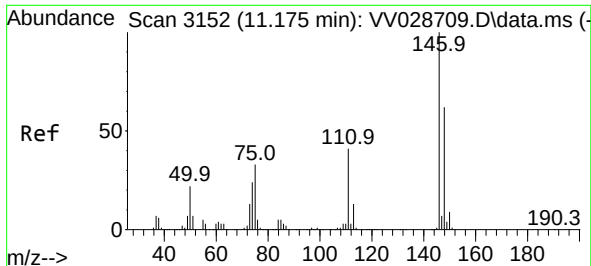
Tgt Ion:105 Resp: 7569105
 Ion Ratio Lower Upper
 105 100
 120 49.2 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 106.235 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.367 min
 Lab File: VV028724.D
 Acq: 27 Oct 2022 16:50

Tgt Ion:105 Resp: 7569105
 Ion Ratio Lower Upper
 105 100
 120 49.2 36.2 54.2

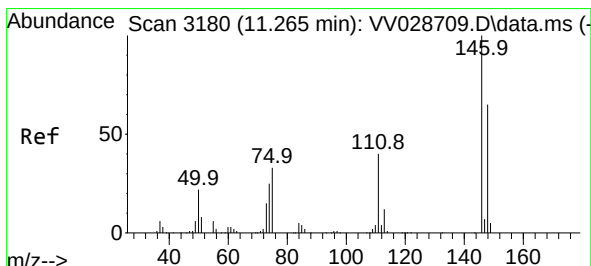
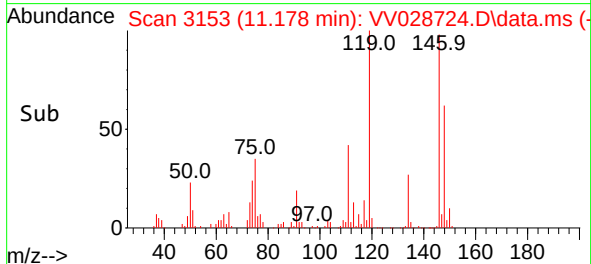
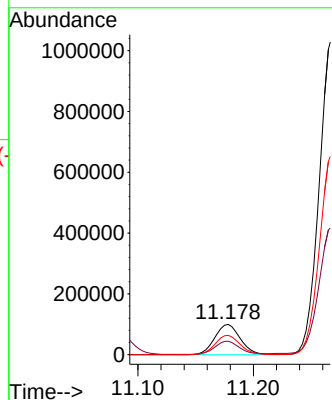
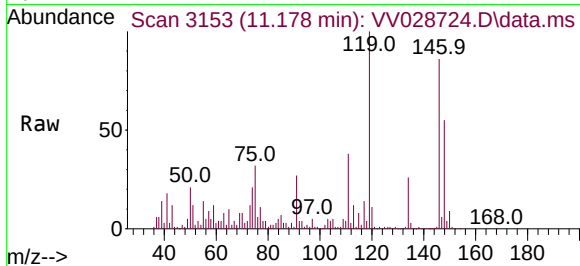




#64
1,3-Dichlorobenzene
Concen: 4.002 ug/L
RT: 11.178 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

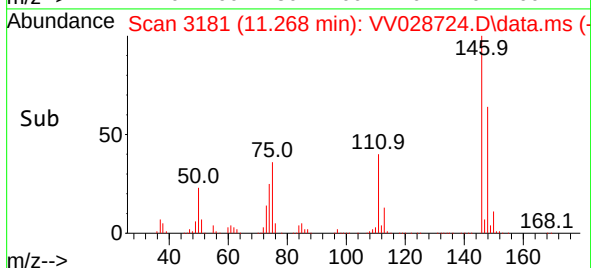
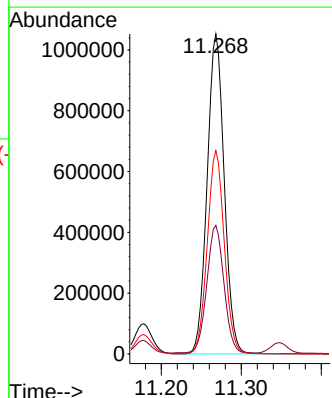
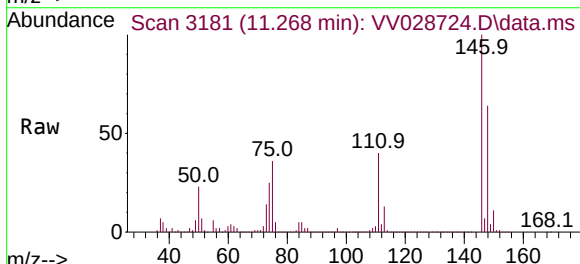
Instrument :
MSVOA_V
ClientSampleId :
BHA77

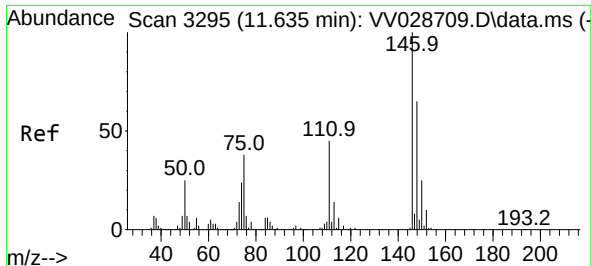
Tgt Ion:146 Resp: 152037
Ion Ratio Lower Upper
146 100
111 44.6 29.0 53.9
148 64.0 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 41.247 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.003 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

Tgt Ion:146 Resp: 1563345
Ion Ratio Lower Upper
146 100
111 40.2 28.6 53.2
148 63.5 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 25.189 ug/L

RT: 11.638 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV028724.D

Acq: 27 Oct 2022 16:50

Instrument :

MSVOA_V

ClientSampleId :

BHA77

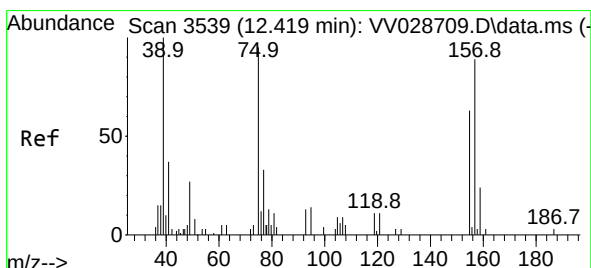
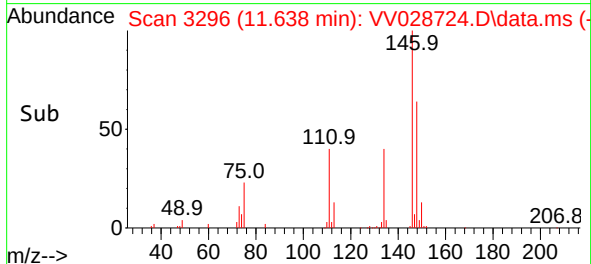
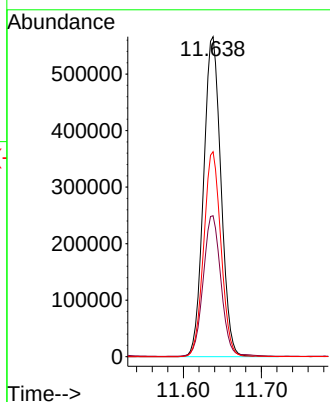
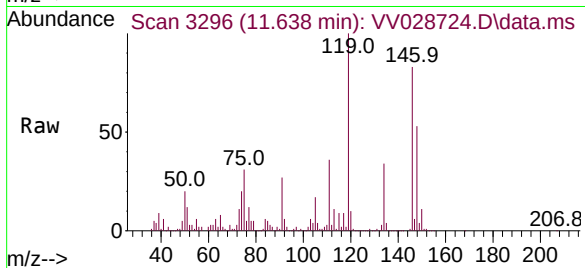
Tgt Ion:146 Resp: 874921

Ion Ratio Lower Upper

146 100

111 44.0 36.2 54.4

148 64.0 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 2.627 ug/L

RT: 12.403 min Scan# 3534

Delta R.T. -0.016 min

Lab File: VV028724.D

Acq: 27 Oct 2022 16:50

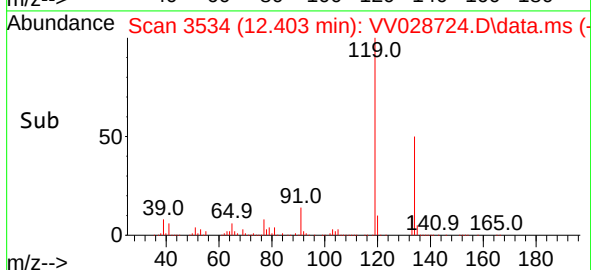
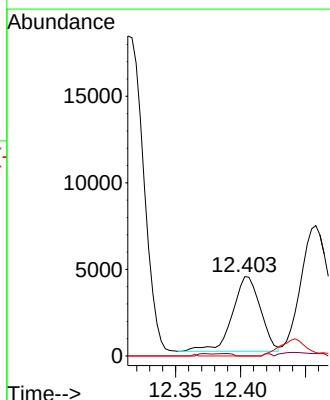
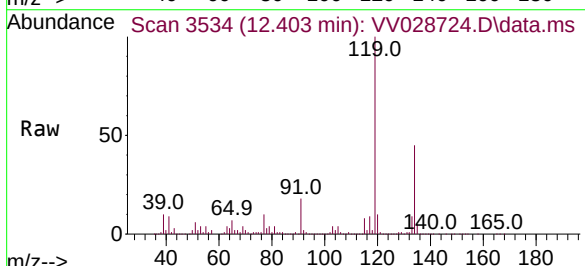
Tgt Ion: 75 Resp: 6509

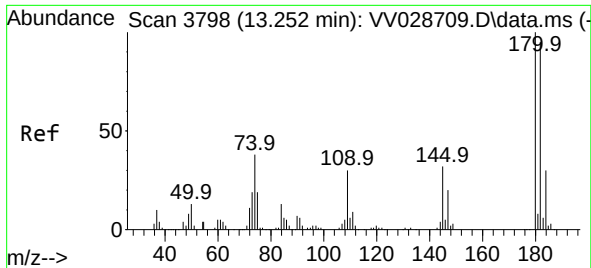
Ion Ratio Lower Upper

75 100

155 0.0 58.2 87.2#

157 0.0 71.5 107.3#

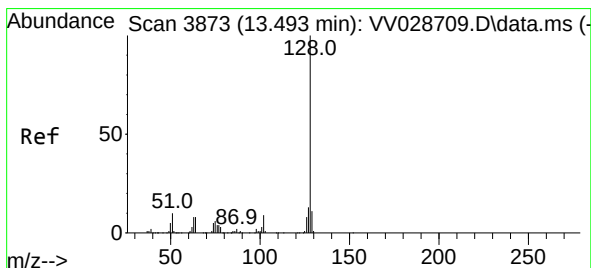
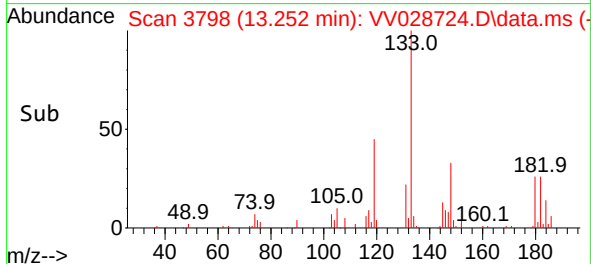
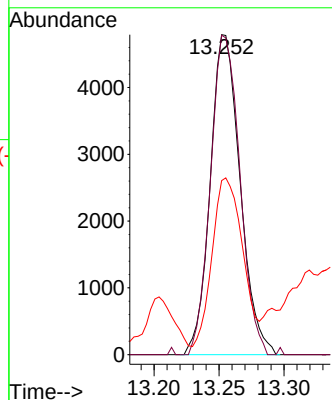
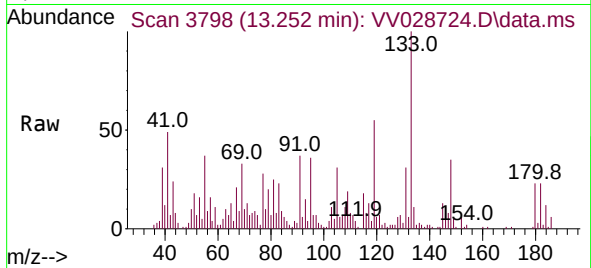




#70
1,2,4-trichlorobenzene
Concen: 0.349 ug/L
RT: 13.252 min Scan# 3798
Delta R.T. -0.000 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

Instrument :
MSVOA_V
ClientSampleId :
BHA77

Tgt Ion:180 Resp: 7664
Ion Ratio Lower Upper
180 100
182 98.1 74.7 112.1
145 53.4 25.5 38.3#



#71
Naphthalene
Concen: 40.122 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. -0.000 min
Lab File: VV028724.D
Acq: 27 Oct 2022 16:50

Tgt Ion:128 Resp: 1510070
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.2 15.4

