

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052121\
 Data File : VW021372.D
 Acq On : 21 May 2021 20:38
 Operator : SY/MD
 Sample : M2494-18MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB432MS

Quant Time: May 22 01:41:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 12:12:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	275148	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	253958	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	143388	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	79860	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.568	69	69203	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.108	63	140419	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.40%
20) 2-Butanone-d5	3.905	46	243131	50.69	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.38%
24) Chloroform-d	4.352	84	178082	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.037	65	83962	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.053	84	357466	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.072	67	109783	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.316	98	328974	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloroprop...	7.625	79	45197	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.088	63	181862	51.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.92%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	72107	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
66) 1,2-Dichlorobenzene-d4	11.622	152	140348	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	97217	4.70	ug/L	99
3) Chloromethane	1.240	50	89945	4.78	ug/L	99
5) Vinyl chloride	1.307	62	93763	4.94	ug/L	99
6) Bromomethane	1.519	94	61007	4.87	ug/L	96
8) Chloroethane	1.584	64	55174	4.91	ug/L	99
9) Trichlorofluoromethane	1.751	101	132636	4.80	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	73345	4.66	ug/L	94
12) 1,1-Dichloroethene	2.117	96	78352	5.16	ug/L	96
13) Acetone	2.198	43	123362	47.53	ug/L	60
14) Carbon disulfide	2.291	76	253930	4.77	ug/L	99
15) Methyl Acetate	2.445	43	31803	5.27	ug/L	100
16) Methylene chloride	2.506	84	88479	4.09	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	212799	4.86	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	90234	4.85	ug/L	99
19) 1,1-Dichloroethane	3.191	63	164692	5.04	ug/L	100
21) 2-Butanone	3.989	43	220221	47.73	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	98626	4.85	ug/L	99
23) Bromochloromethane	4.252	128	44445	4.89	ug/L	99
25) Chloroform	4.378	83	161969	4.71	ug/L	97

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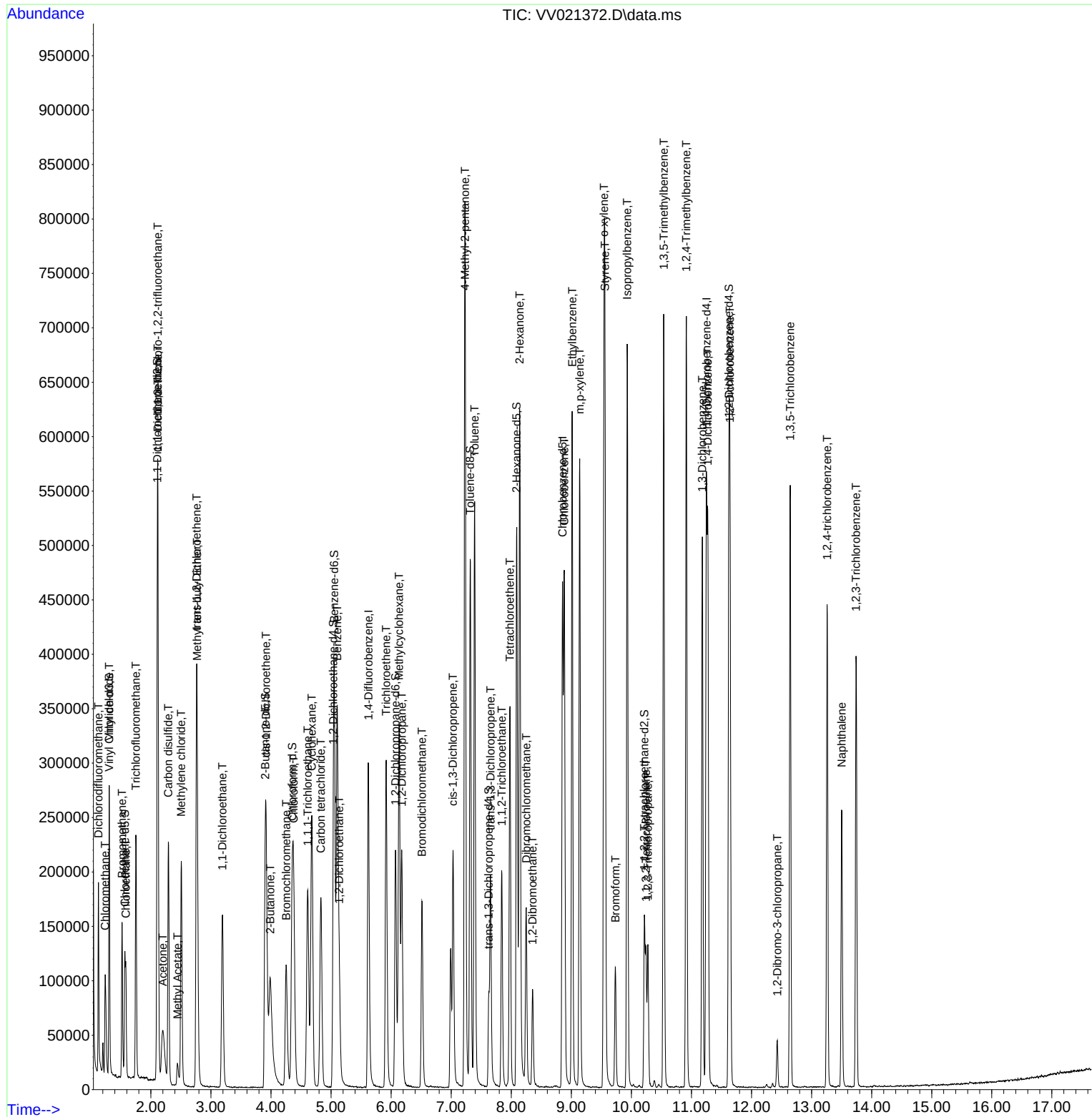
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	90480	4.78	ug/L	98
29) 1,1,1-Trichloroethane	4.612	97	155533	4.99	ug/L	98
30) Cyclohexane	4.680	56	147103	4.79	ug/L	98
31) Carbon tetrachloride	4.831	117	136377	4.90	ug/L	100
33) Benzene	5.101	78	356090	4.97	ug/L	100
34) Trichloroethene	5.918	95	104165	4.81	ug/L	97
35) Methylcyclohexane	6.133	83	147758	4.50	ug/L	99
37) 1,2-Dichloropropane	6.178	63	89392	5.06	ug/L	100
38) Bromodichloromethane	6.513	83	118140	4.90	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	136005	4.80	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	546274	49.13	ug/L	97
42) Toluene	7.390	91	399521	4.98	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	113091	4.73	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	62814	4.78	ug/L	97
47) Tetrachloroethene	7.979	164	85261	4.82	ug/L	97
48) 2-Hexanone	8.140	43	398509	49.44	ug/L	97
49) Dibromochloromethane	8.249	129	86021	4.87	ug/L	98
50) 1,2-Dibromoethane	8.355	107	62007	4.90	ug/L	97
51) Chlorobenzene	8.882	112	260802	4.93	ug/L	100
52) Ethylbenzene	9.014	91	436730	4.90	ug/L	100
53) m,p-xylene	9.140	106	168997	4.93	ug/L	99
54) o-xylene	9.545	106	165241	4.94	ug/L	97
55) Styrene	9.561	104	275788	4.91	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	60110	5.06	ug/L	99
59) Bromoform	9.734	173	52830	4.89	ug/L	98
60) Isopropylbenzene	9.931	105	451756	4.90	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	53477	5.02	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	382372	4.85	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	396749	4.91	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	212757	4.80	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	214946	4.84	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	198510	4.84	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	10313	4.85	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	181326	4.72	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	145037	4.81	ug/L	99
71) Naphthalene	13.503	128	205772	5.00	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	129407	4.88	ug/L	99

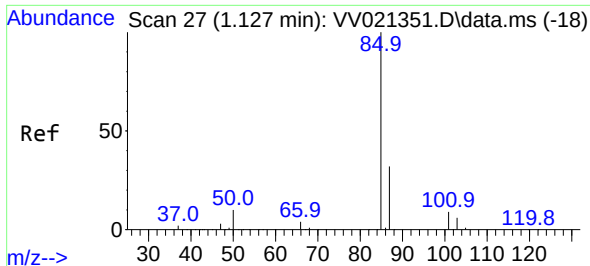
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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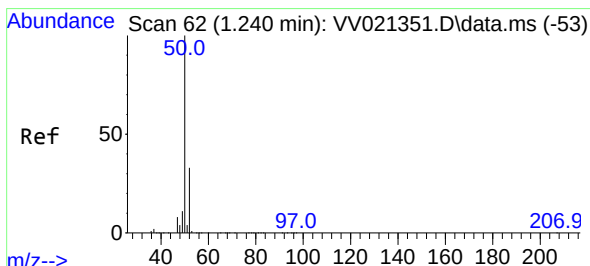
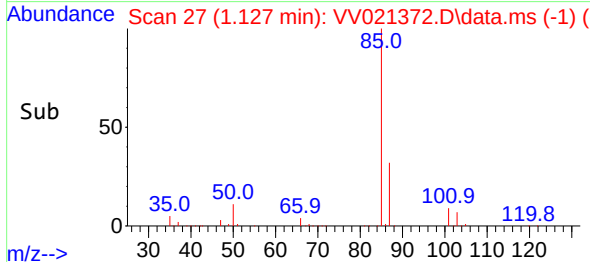
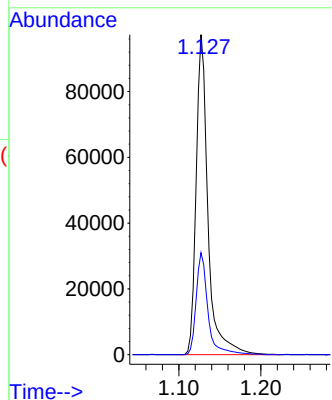
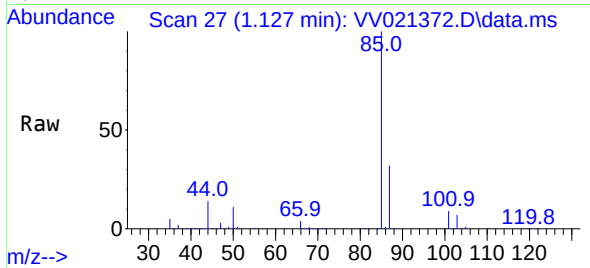




#2
 Dichlorodifluoromethane
 Concen: 4.70 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021372.D
 Acq: 21 May 2021 20:38

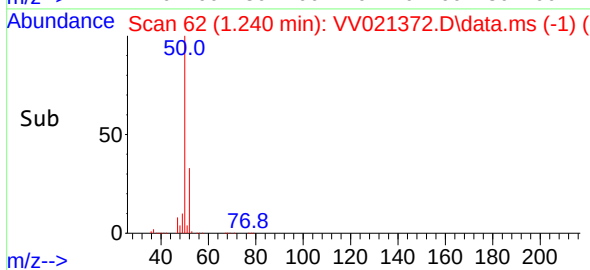
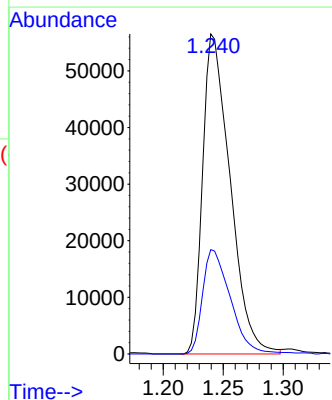
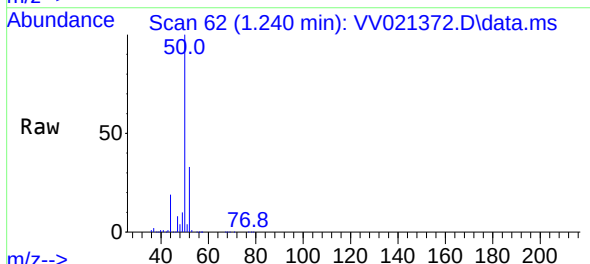
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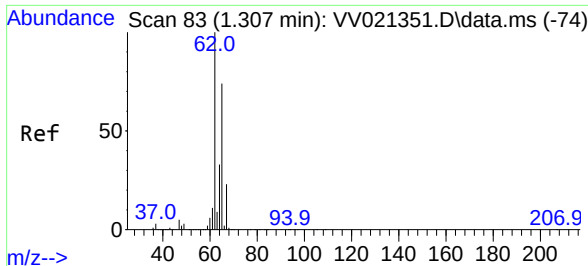
Tgt Ion: 85 Resp: 97217
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.7 38.5



#3
 Chloromethane
 Concen: 4.78 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021372.D
 Acq: 21 May 2021 20:38

Tgt Ion: 50 Resp: 89945
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.5 41.9

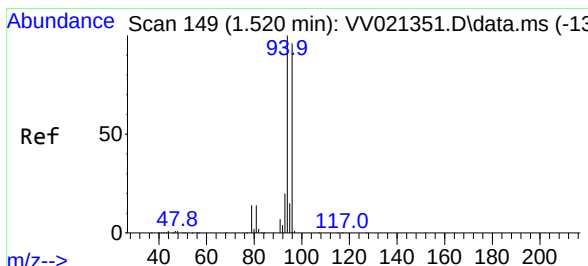
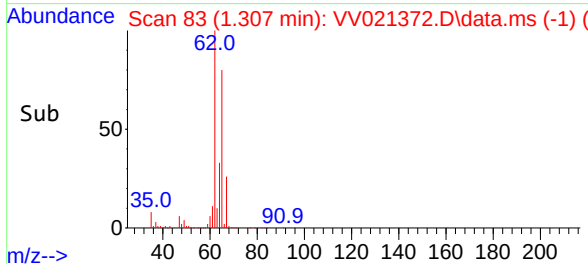
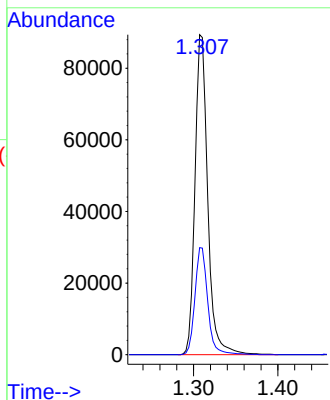
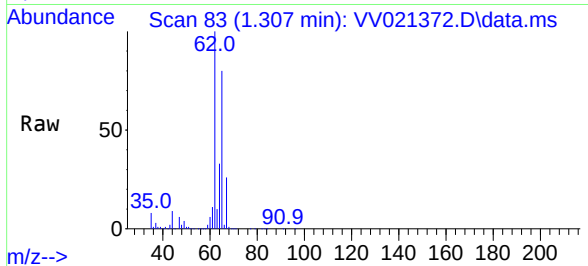




#5
 Vinyl chloride
 Concen: 4.94 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021372.D
 Acq: 21 May 2021 20:38

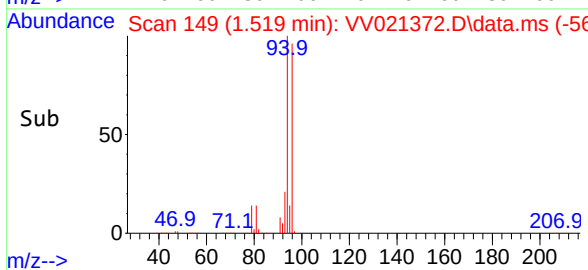
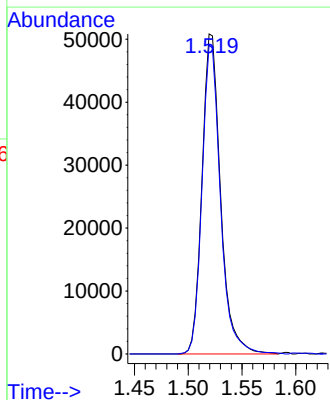
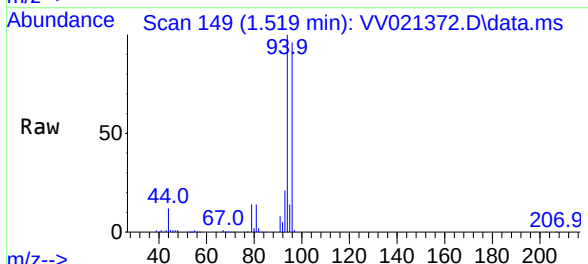
Instrument :
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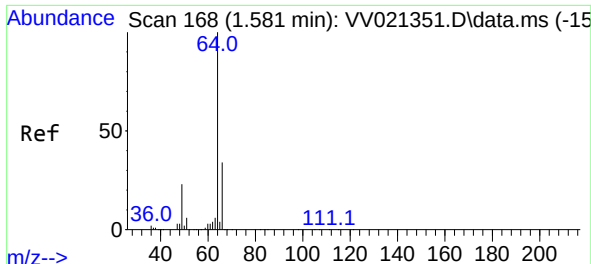
Tgt Ion: 62 Resp: 93763
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.8 42.4



#6
 Bromomethane
 Concen: 4.87 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV021372.D
 Acq: 21 May 2021 20:38

Tgt Ion: 94 Resp: 61007
 Ion Ratio Lower Upper
 94 100
 96 96.4 65.0 120.6

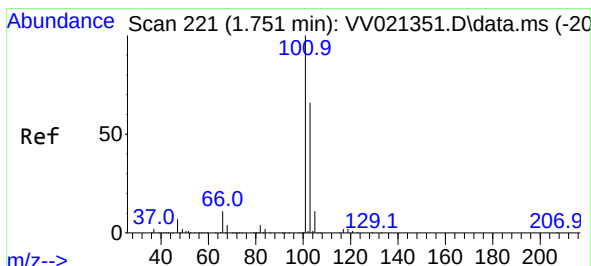
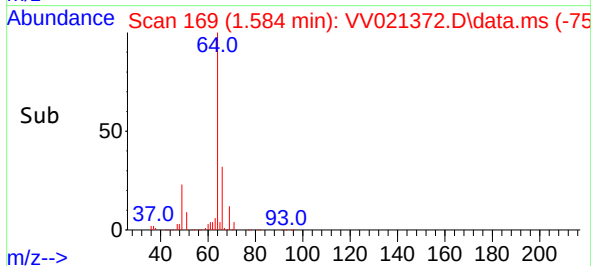
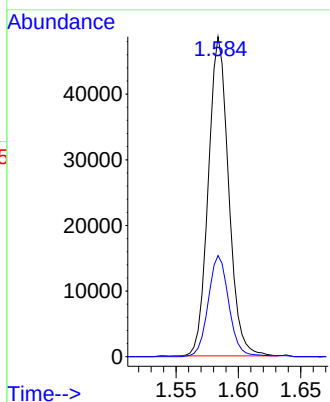
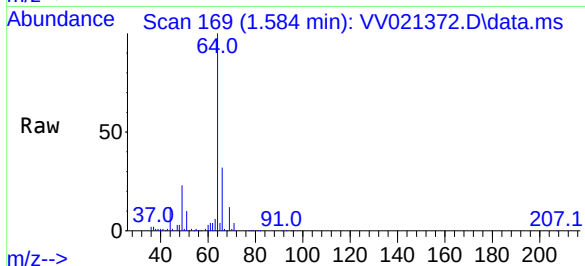




#8
Chloroethane
Concen: 4.91 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.003 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

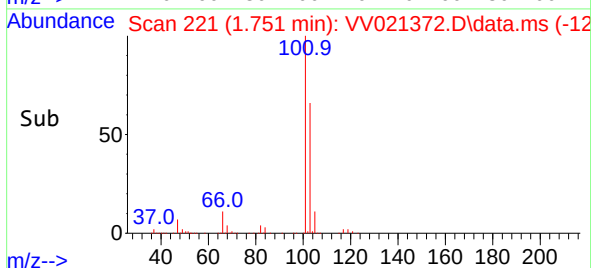
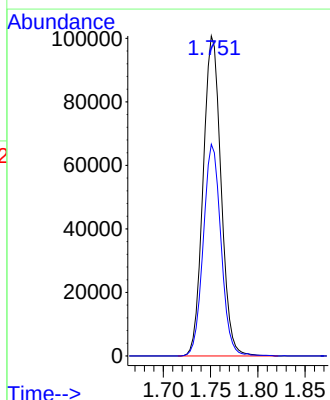
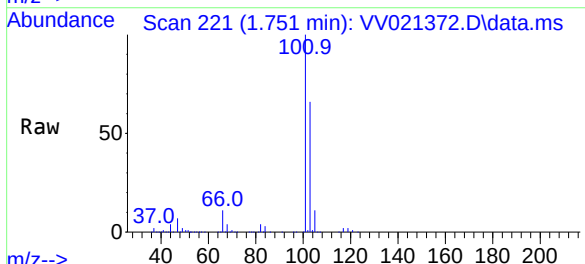
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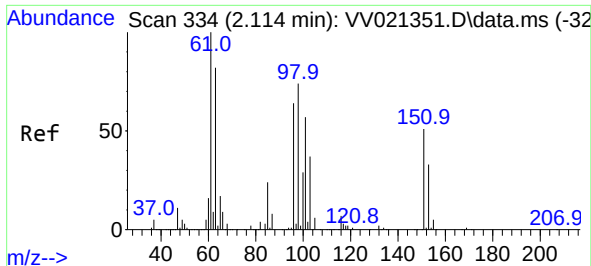
Tgt Ion: 64 Resp: 55174
Ion Ratio Lower Upper
64 100
66 31.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.80 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Tgt Ion:101 Resp: 132636
Ion Ratio Lower Upper
101 100
103 65.5 51.9 77.9

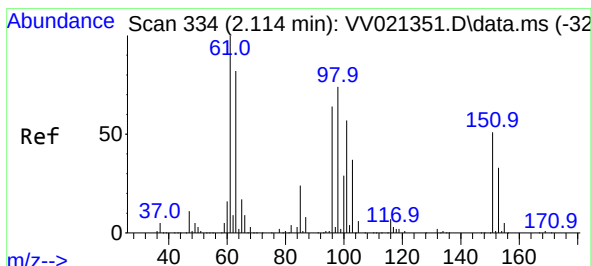
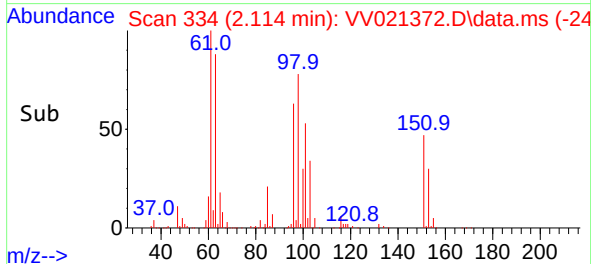
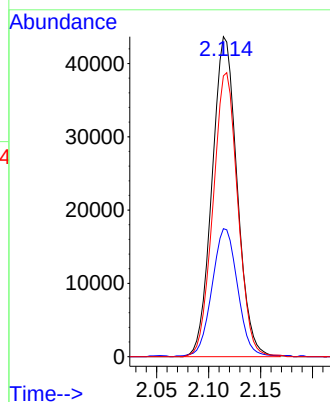
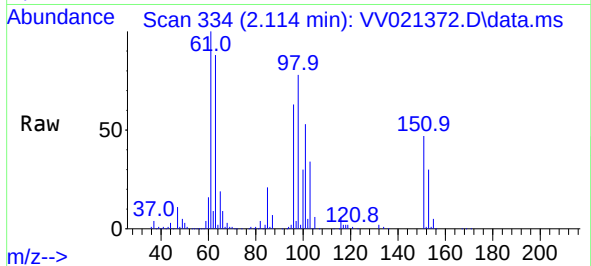




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.66 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV021372.D
 Acq: 21 May 2021 20:38

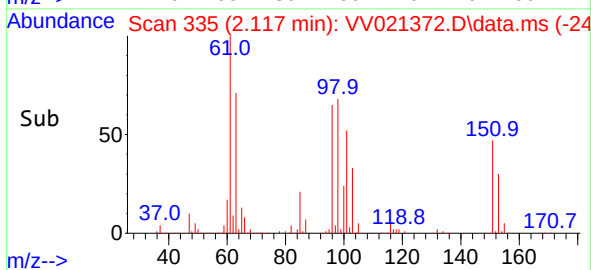
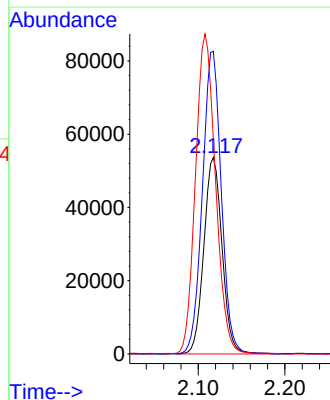
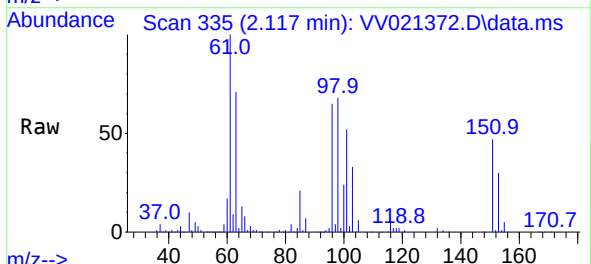
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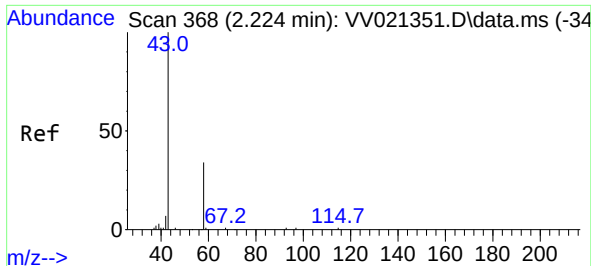
Tgt Ion:	101	Resp:	73345
Ion	Ratio	Lower	Upper
101	100		
85	41.0	33.0	49.6
151	87.5	64.2	96.2



#12
 1,1-Dichloroethene
 Concen: 5.16 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV021372.D
 Acq: 21 May 2021 20:38

Tgt Ion:	96	Resp:	78352
Ion	Ratio	Lower	Upper
96	100		
61	154.1	109.8	204.0
63	109.4	71.3	132.3

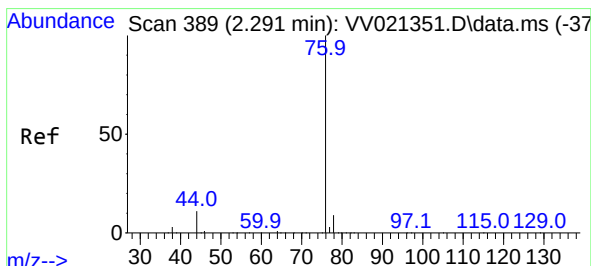
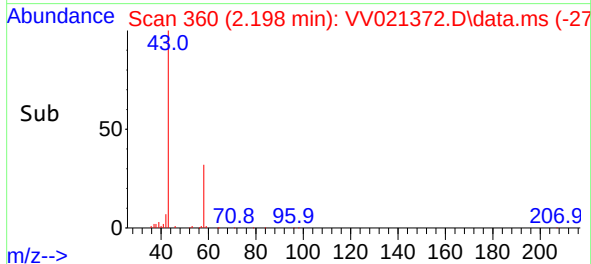
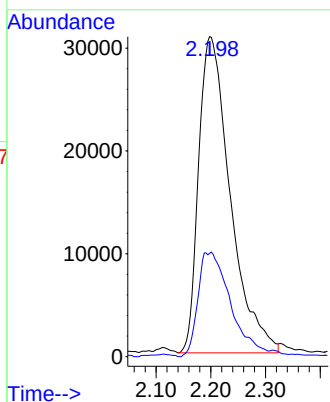
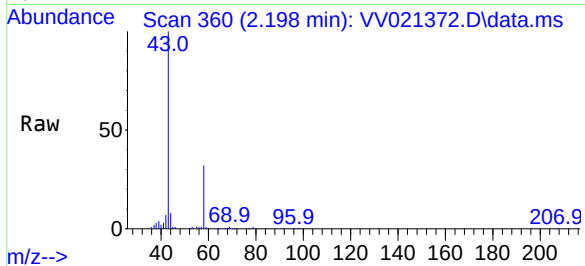




#13
Acetone
Concen: 47.53 ug/L
RT: 2.198 min Scan# 360
Delta R.T. -0.026 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

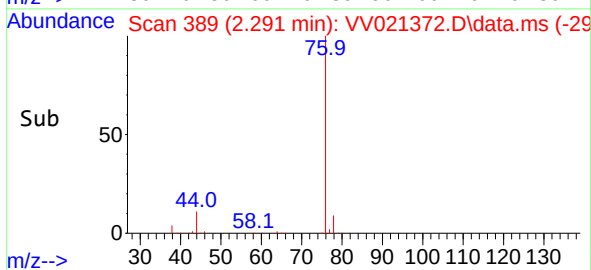
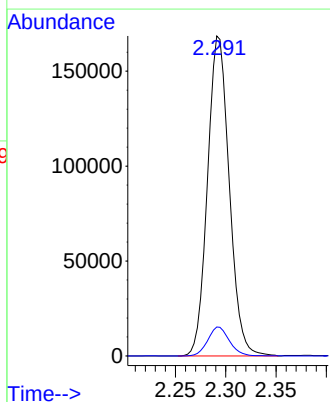
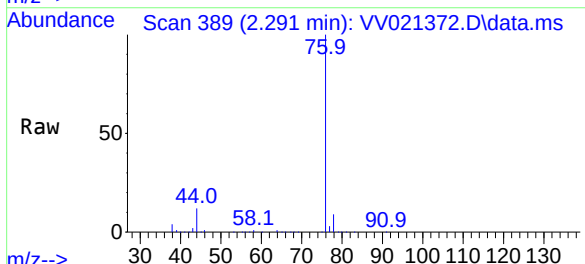
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ClientSampled :
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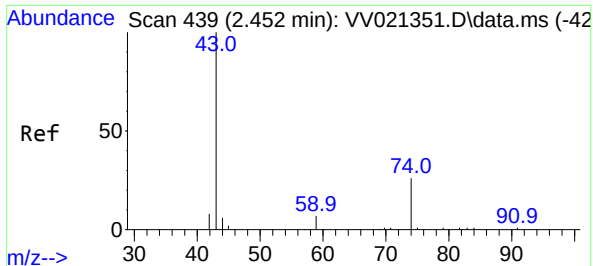
Tgt Ion: 43 Resp: 123362
Ion Ratio Lower Upper
43 100
58 11.1 0.0 67.4



#14
Carbon disulfide
Concen: 4.77 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 253930
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

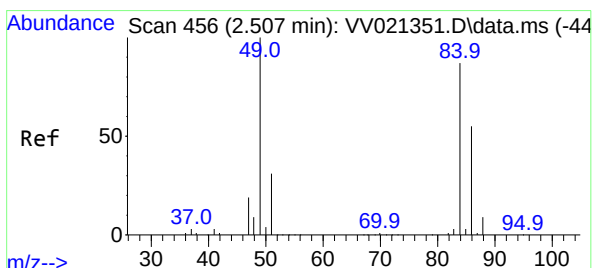
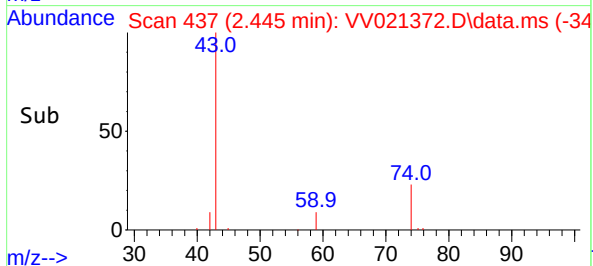
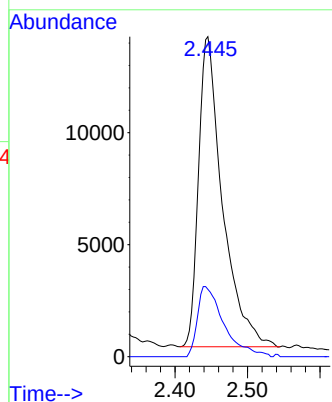
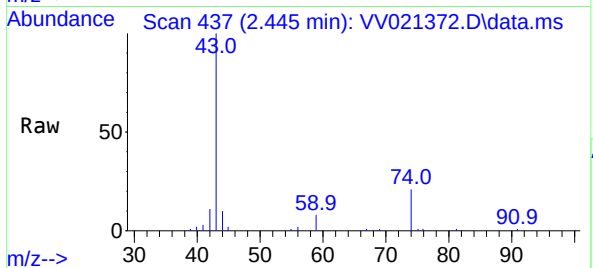




#15
Methyl Acetate
Concen: 5.27 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.007 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

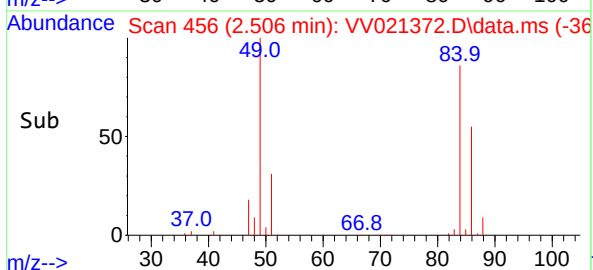
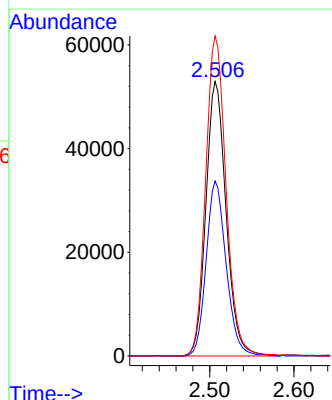
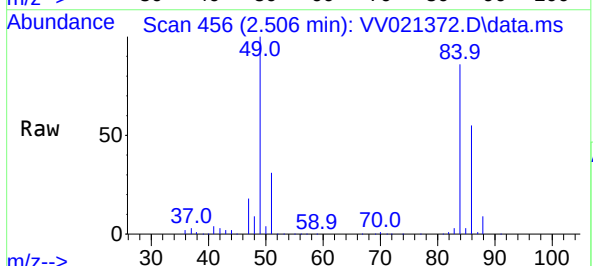
Instrument :
MSVOA_V
ClientSampleId :
GB432MS

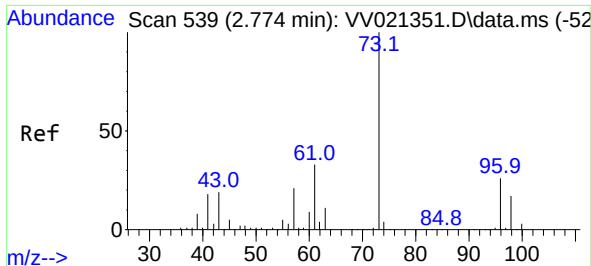
Tgt Ion: 43 Resp: 31803
Ion Ratio Lower Upper
43 100
74 24.9 20.1 30.1



#16
Methylene chloride
Concen: 4.09 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Tgt Ion: 84 Resp: 88479
Ion Ratio Lower Upper
84 100
86 63.7 47.2 87.6
49 116.6 81.9 152.1

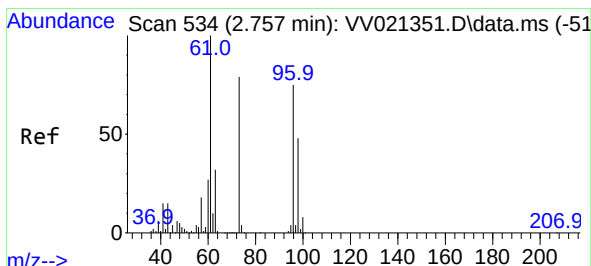
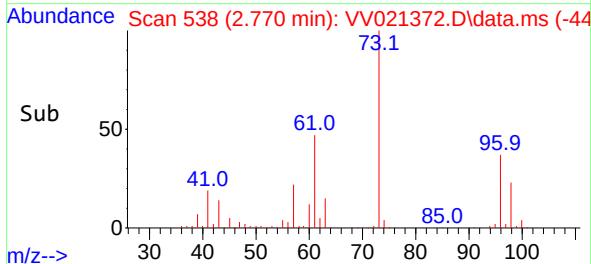
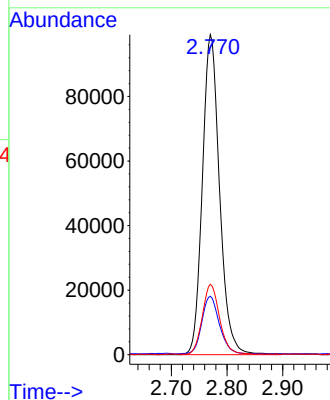
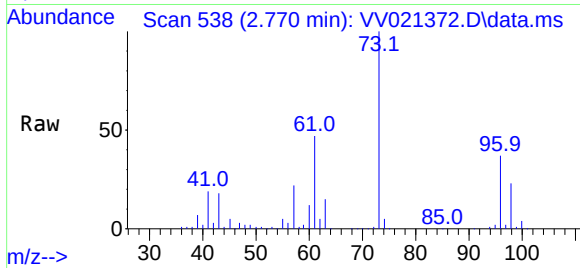




#17
Methyl tert-butyl Ether
Concen: 4.86 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.003 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

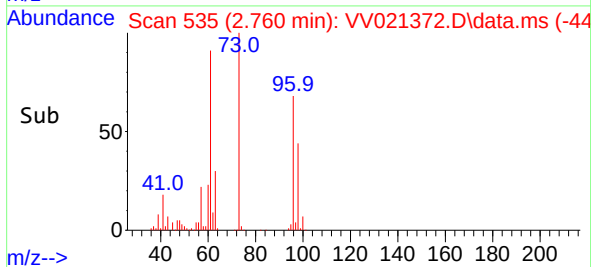
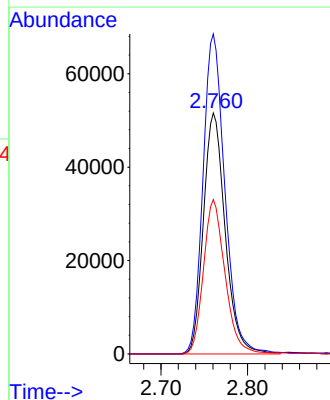
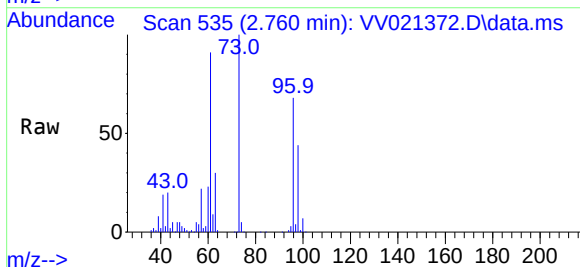
Instrument :
MSVOA_V
ClientSampleId :
GB432MS

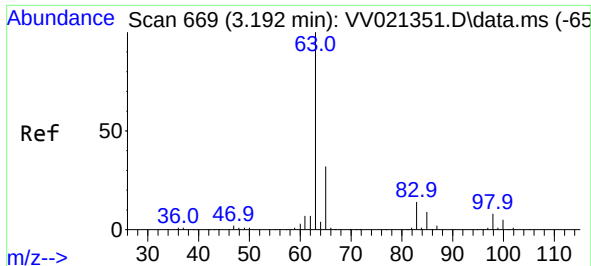
Tgt Ion: 73 Resp: 212799
Ion Ratio Lower Upper
73 100
43 18.3 15.3 22.9
57 21.8 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.85 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Tgt Ion: 96 Resp: 90234
Ion Ratio Lower Upper
96 100
61 132.8 94.1 174.8
98 64.0 45.0 83.6



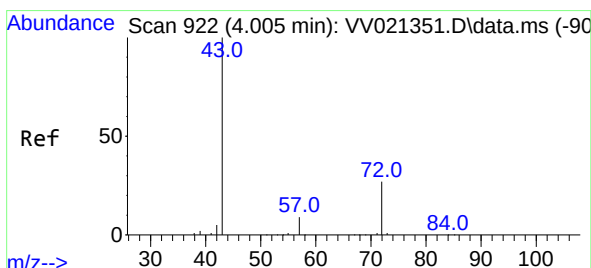
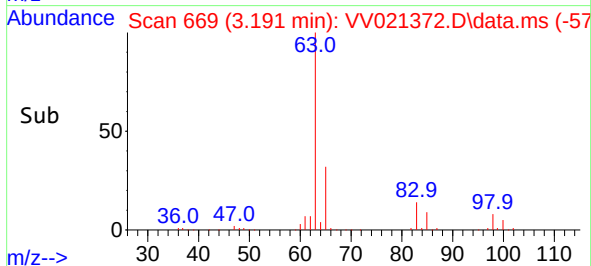
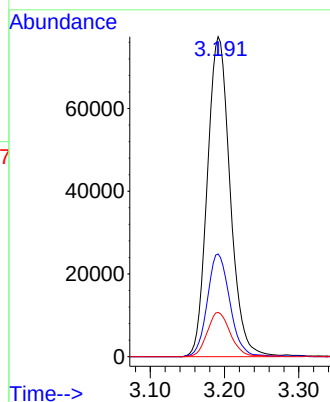
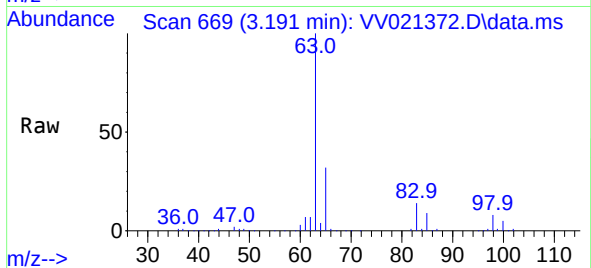


#19
1,1-Dichloroethane
Concen: 5.04 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Instrument :
MSVOA_V
ClientSampleId :
GB432MS

Tgt Ion: 63 Resp: 164692

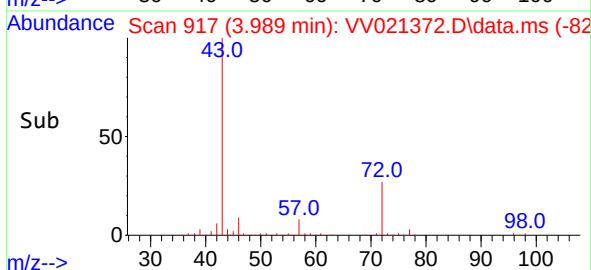
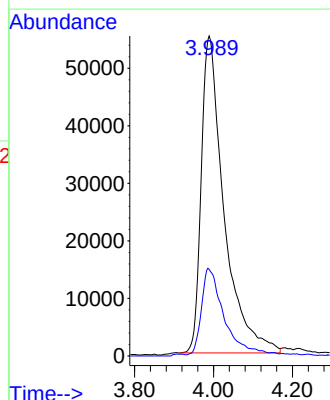
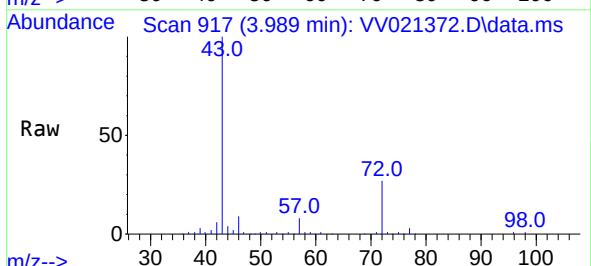
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.3	41.5
83	13.9	9.7	17.9

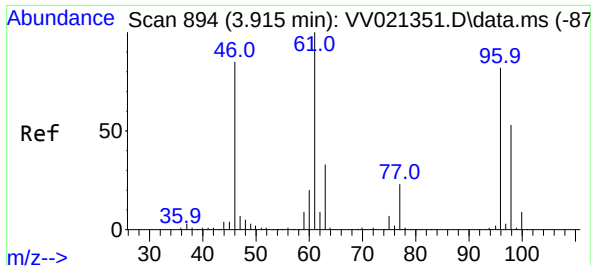


#21
2-Butanone
Concen: 47.73 ug/L
RT: 3.989 min Scan# 917
Delta R.T. -0.016 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Tgt Ion: 43 Resp: 220221

Ion	Ratio	Lower	Upper
43	100		
72	26.9	14.5	43.5

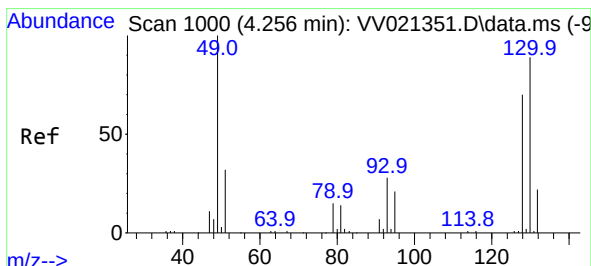
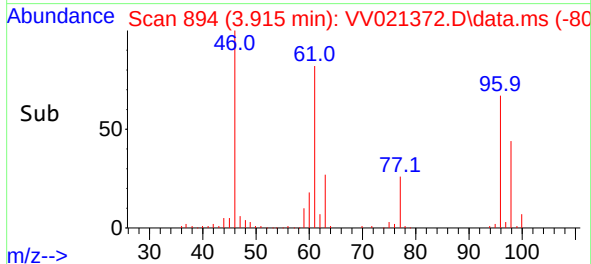
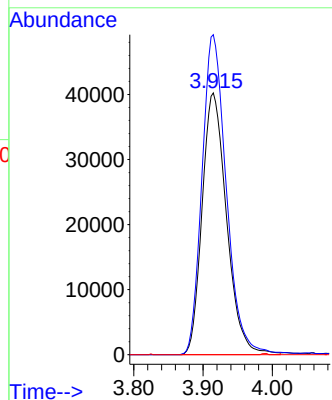
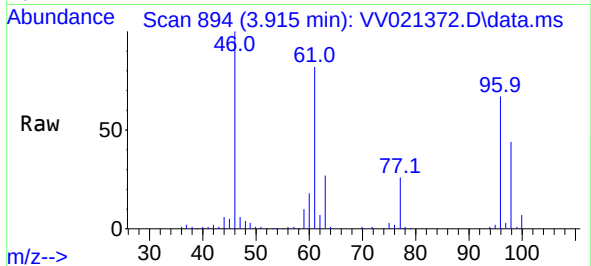




#22
cis-1,2-Dichloroethene
Concen: 4.85 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

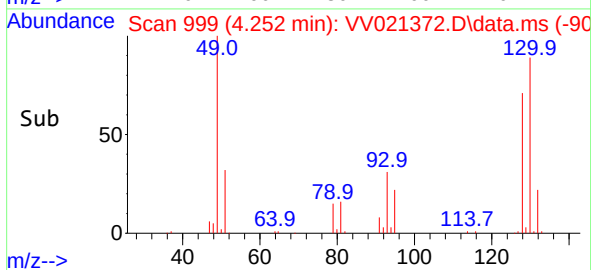
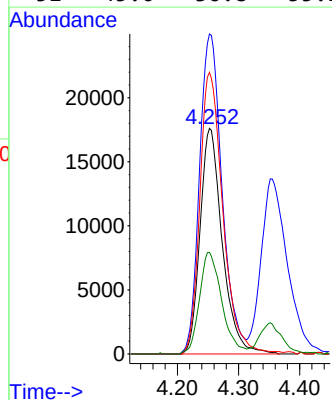
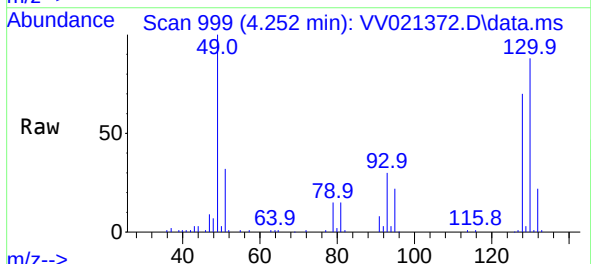
Instrument :
MSVOA_V
ClientSampleId :
GB432MS

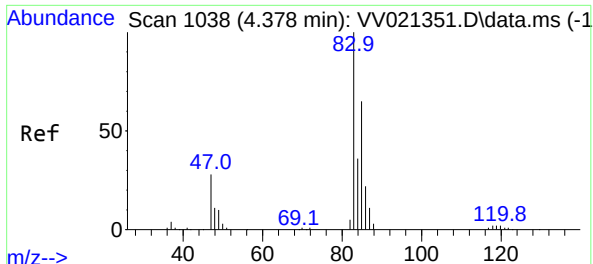
Tgt Ion: 96 Resp: 98626
Ion Ratio Lower Upper
96 100
61 122.2 84.6 157.2
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 4.89 ug/L
RT: 4.252 min Scan# 999
Delta R.T. -0.003 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Tgt Ion:128 Resp: 44445
Ion Ratio Lower Upper
128 100
49 141.9 100.0 185.8
130 124.9 87.4 162.2
51 45.0 36.8 55.2



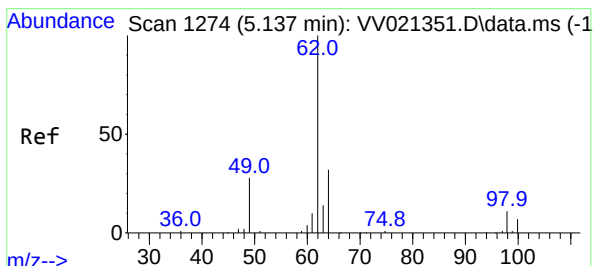
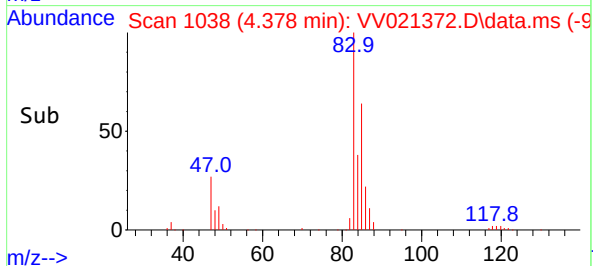
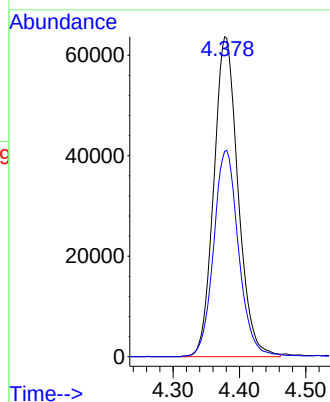
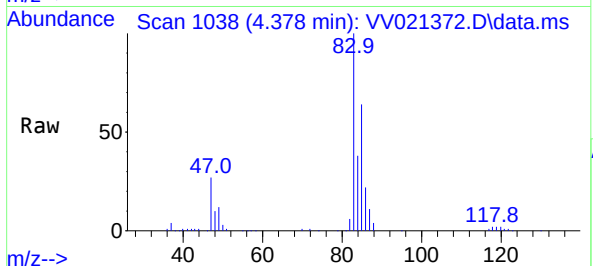


#25

Chloroform
Concen: 4.71 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Instrument :
MSVOA_V
ClientSampleId :
GB432MS

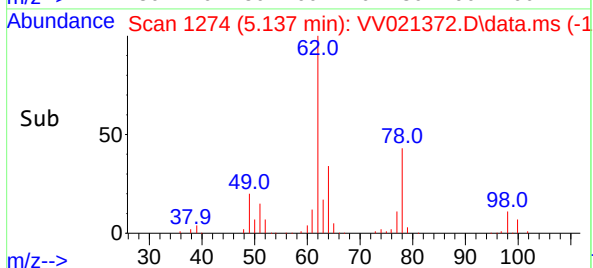
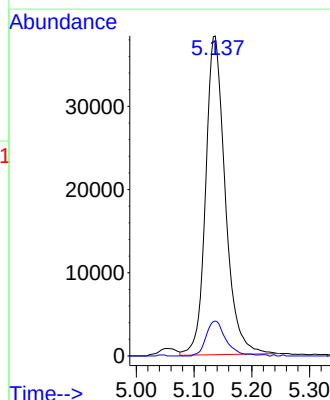
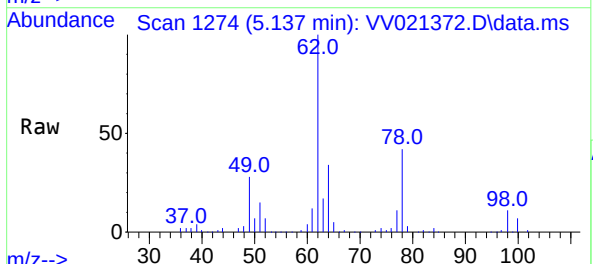
Tgt Ion: 83 Resp: 161969
Ion Ratio Lower Upper
83 100
85 64.2 46.4 86.2

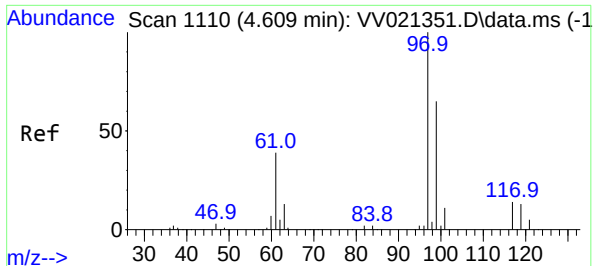


#27

1,2-Dichloroethane
Concen: 4.78 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Tgt Ion: 62 Resp: 90480
Ion Ratio Lower Upper
62 100
98 10.9 8.0 12.0



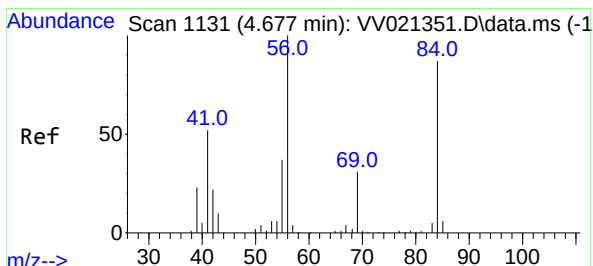
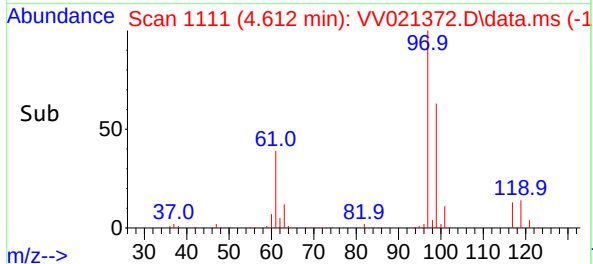
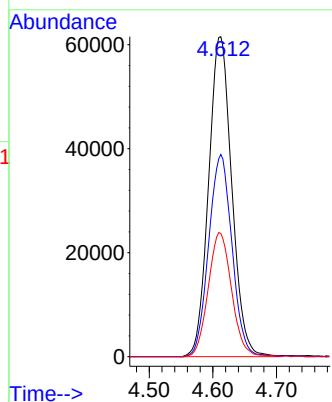
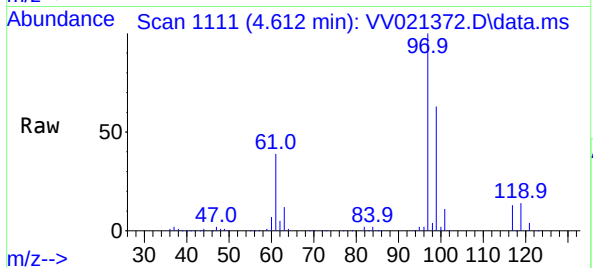


#29

1,1,1-Trichloroethane
Concen: 4.99 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Instrument :
MSVOA_V
ClientSampleId :
GB432MS

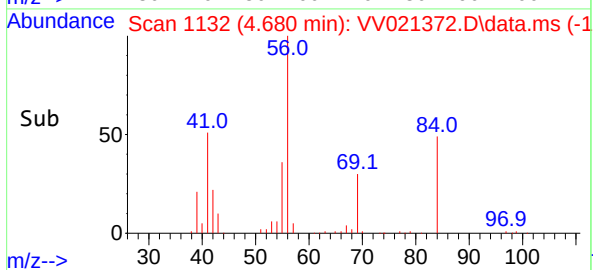
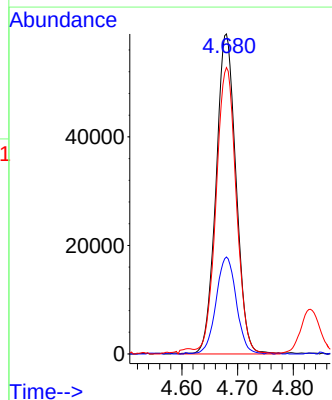
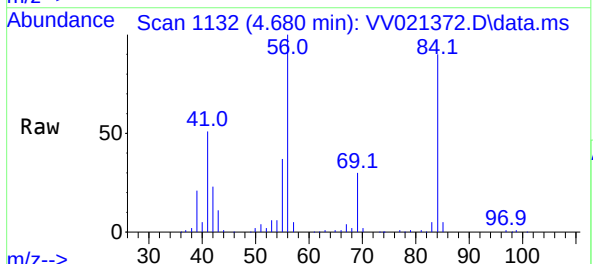
Tgt Ion: 97 Resp: 155533
Ion Ratio Lower Upper
97 100
99 63.7 50.6 75.8
61 39.2 33.2 49.8

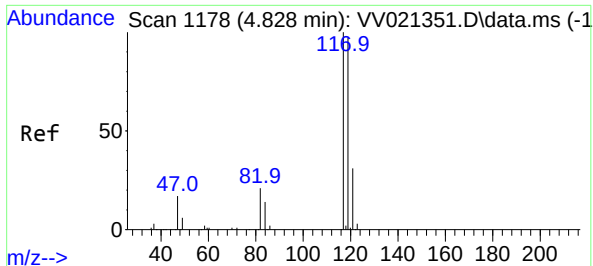


#30

Cyclohexane
Concen: 4.79 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Tgt Ion: 56 Resp: 147103
Ion Ratio Lower Upper
56 100
69 30.7 25.4 38.0
84 89.5 73.5 110.3

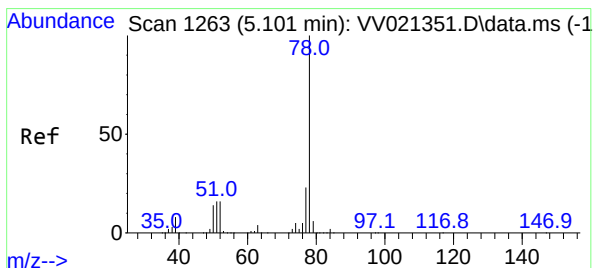
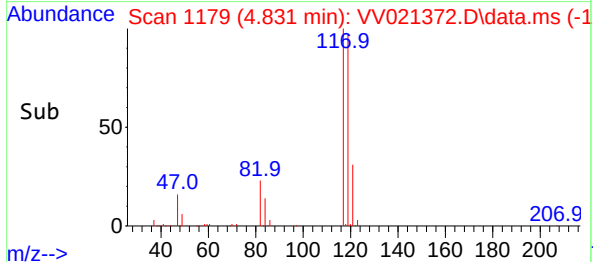
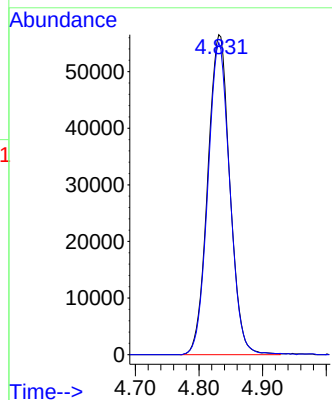
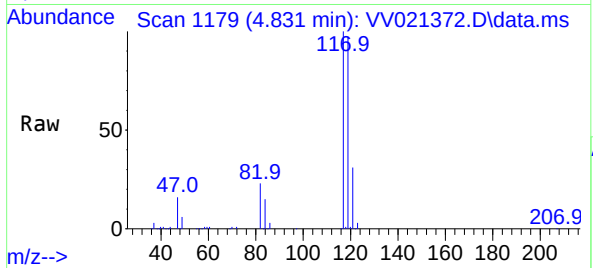




#31
Carbon tetrachloride
Concen: 4.90 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

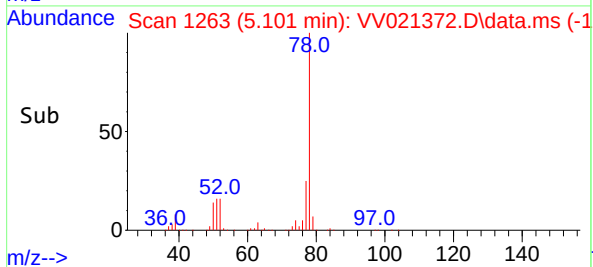
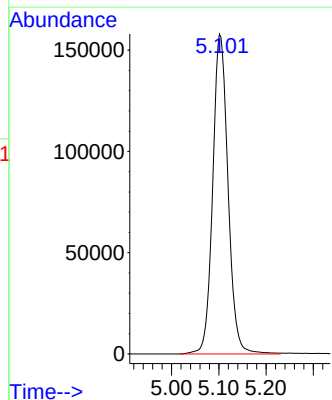
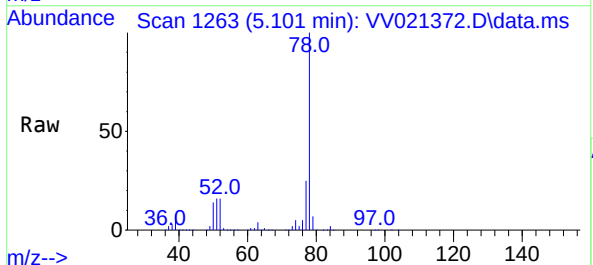
Instrument :
MSVOA_V
ClientSampleId :
GB432MS

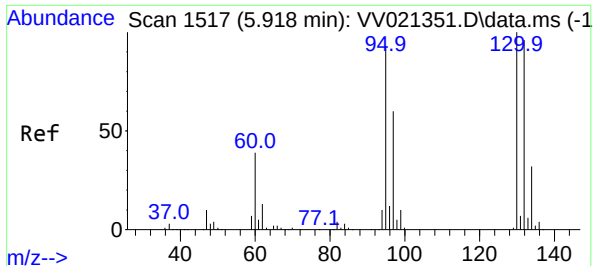
Tgt Ion:117 Resp: 136377
Ion Ratio Lower Upper
117 100
119 96.4 77.4 116.2



#33
Benzene
Concen: 4.97 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Tgt Ion: 78 Resp: 356090

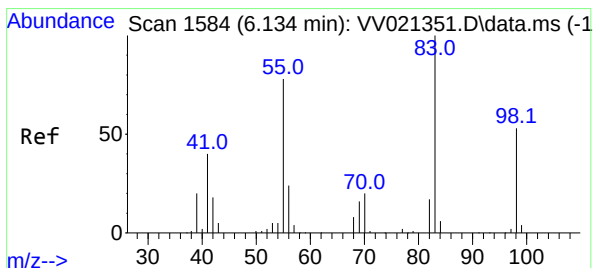
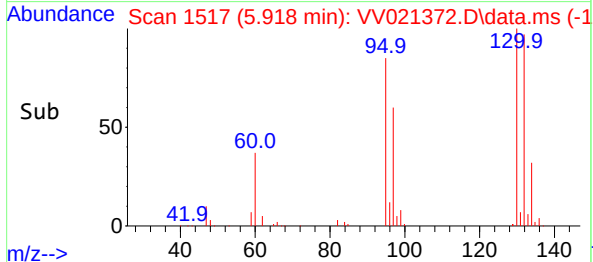
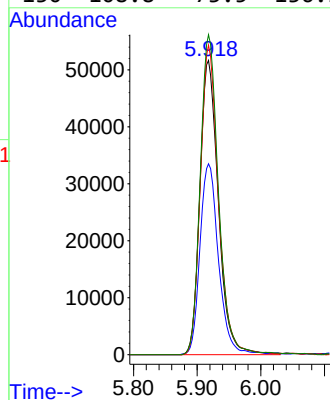
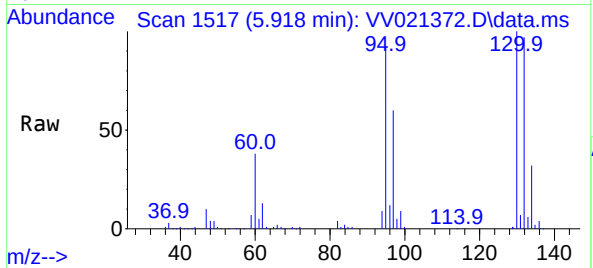




#34
Trichloroethene
Concen: 4.81 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

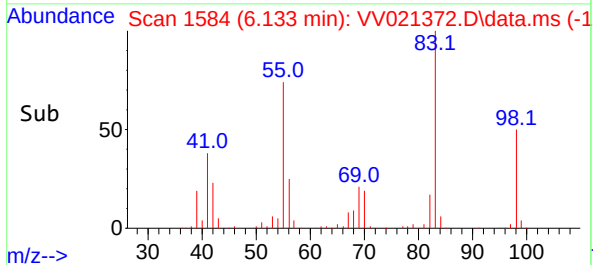
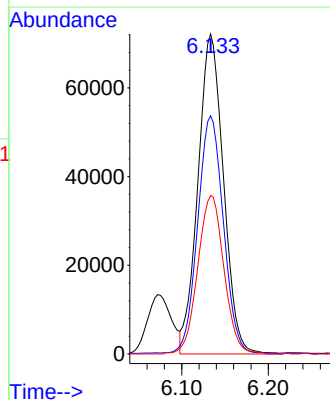
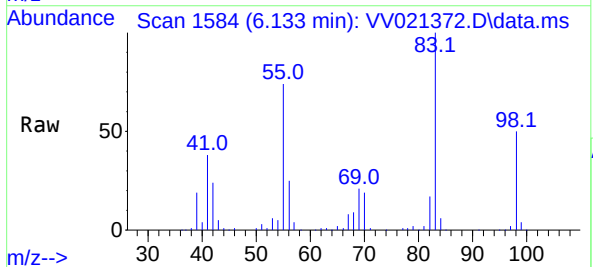
Instrument :
MSVOA_V
ClientSampleId :
GB432MS

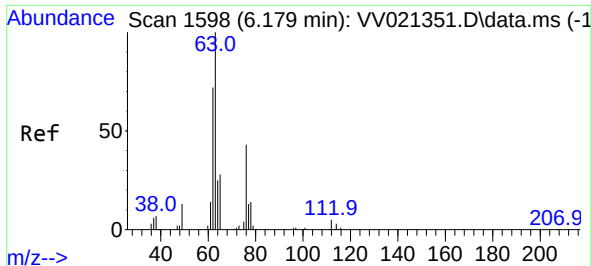
Tgt Ion: 95 Resp: 104165
Ion Ratio Lower Upper
95 100
97 64.9 45.1 83.9
132 105.2 71.5 132.9
130 108.8 73.5 136.5



#35
Methylcyclohexane
Concen: 4.50 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Tgt Ion: 83 Resp: 147758
Ion Ratio Lower Upper
83 100
55 74.1 59.1 88.7
98 50.8 40.1 60.1

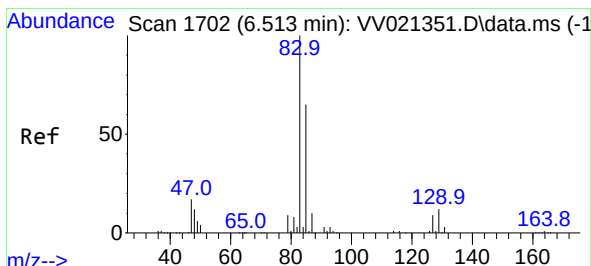
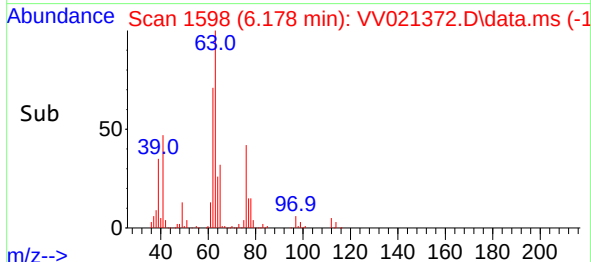
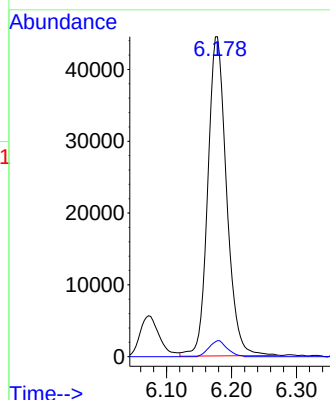
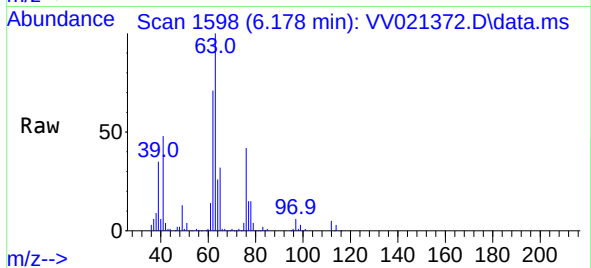




#37
1,2-Dichloropropane
Concen: 5.06 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

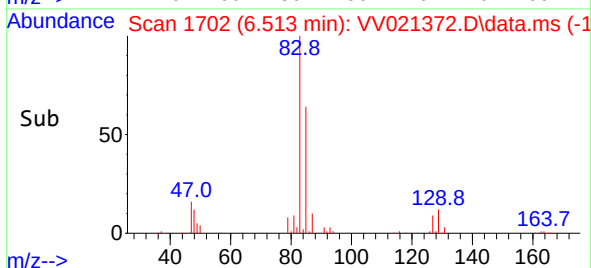
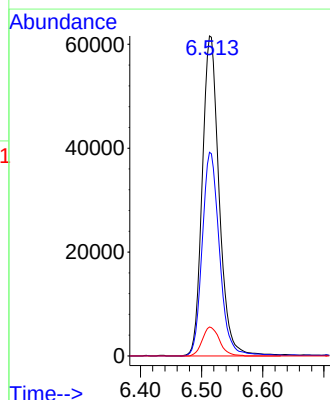
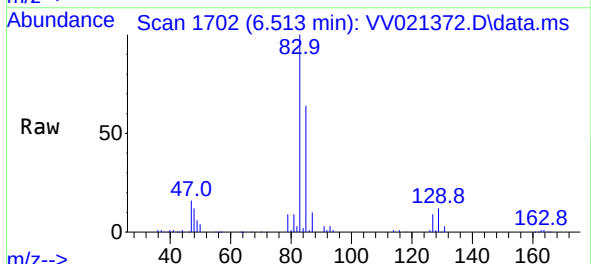
Instrument :
MSVOA_V
ClientSampleId :
GB432MS

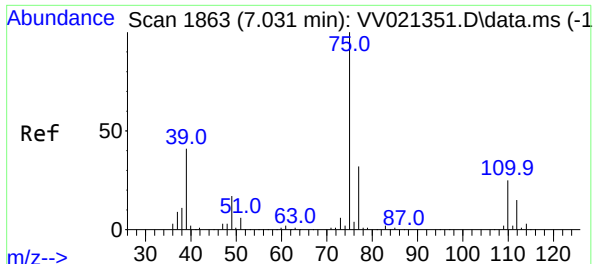
Tgt Ion: 63 Resp: 89392
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.8



#38
Bromodichloromethane
Concen: 4.90 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Tgt Ion: 83 Resp: 118140
Ion Ratio Lower Upper
83 100
85 63.6 43.0 79.8
127 9.0 7.0 10.6

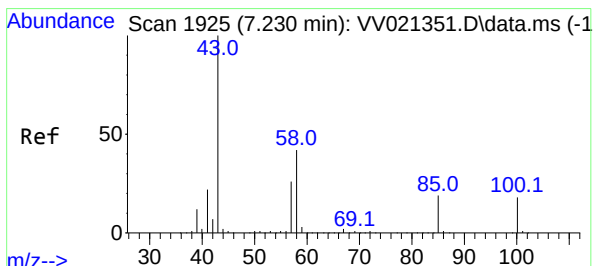
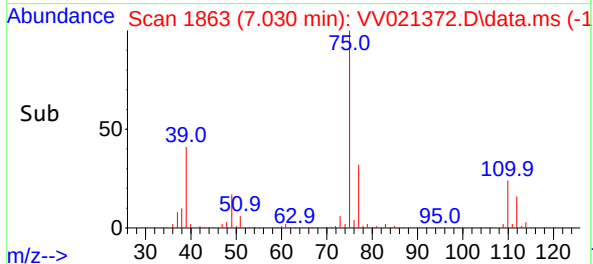
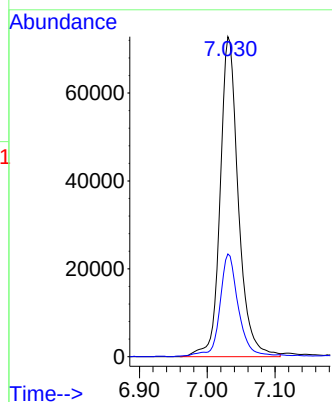
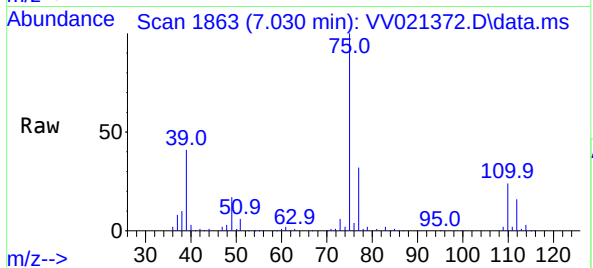




#39
cis-1,3-Dichloropropene
Concen: 4.80 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

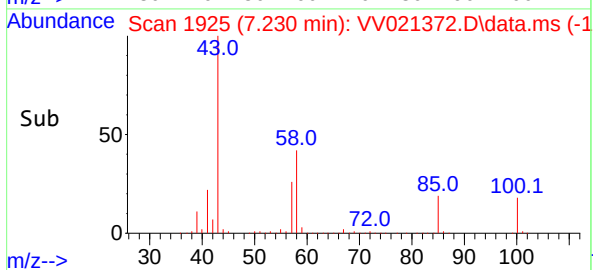
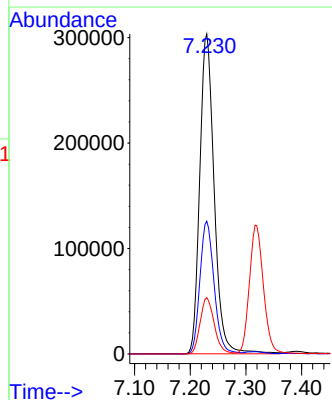
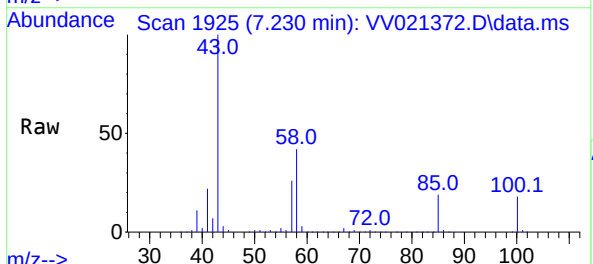
Instrument :
MSVOA_V
ClientSampleId :
GB432MS

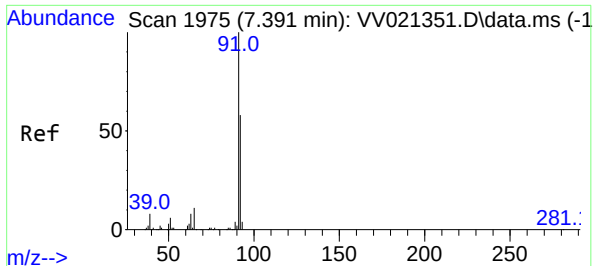
Tgt Ion: 75 Resp: 136005
Ion Ratio Lower Upper
75 100
77 32.1 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 49.13 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Tgt Ion: 43 Resp: 546274
Ion Ratio Lower Upper
43 100
58 40.9 34.1 51.1
100 17.2 14.6 21.8

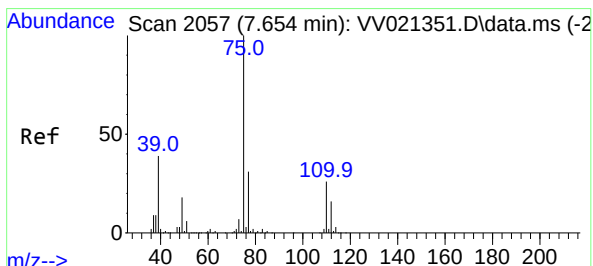
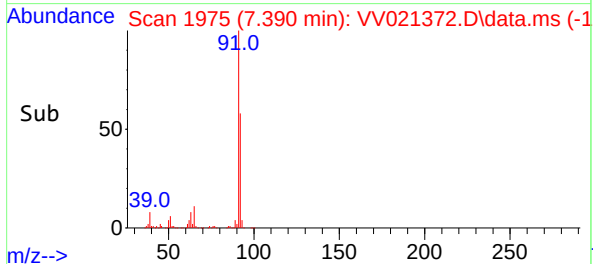
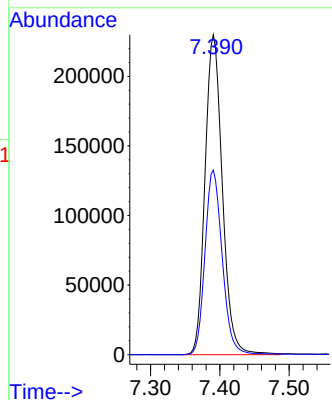
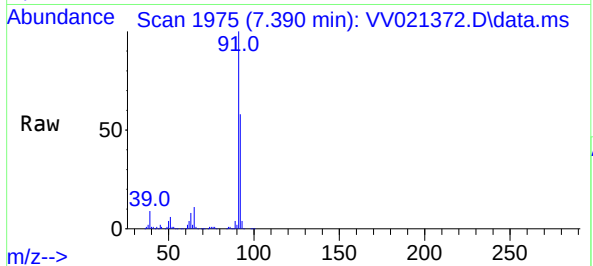




#42
Toluene
Concen: 4.98 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

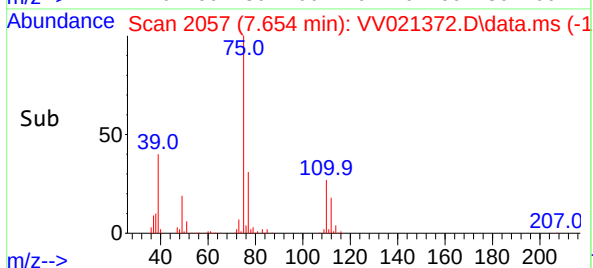
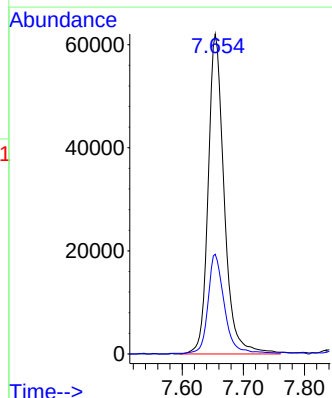
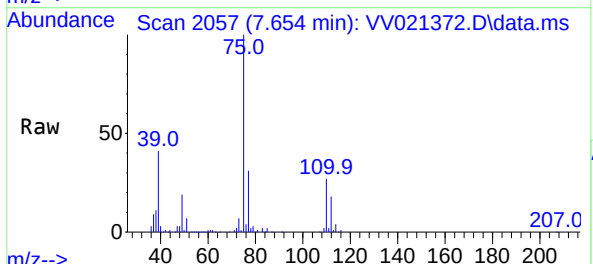
Instrument :
MSVOA_V
ClientSampleId :
GB432MS

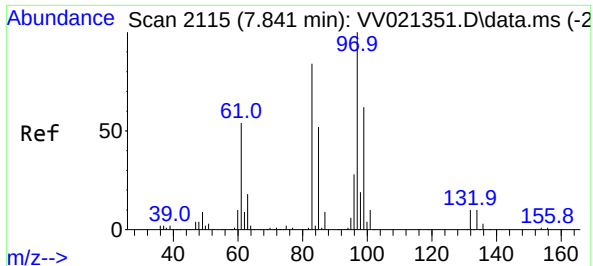
Tgt Ion: 91 Resp: 399521
Ion Ratio Lower Upper
91 100
92 57.7 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 4.73 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Tgt Ion: 75 Resp: 113091
Ion Ratio Lower Upper
75 100
77 31.2 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 4.78 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. -0.000 min

Lab File: VV021372.D

Acq: 21 May 2021 20:38

Tgt Ion: 97 Resp: 62814

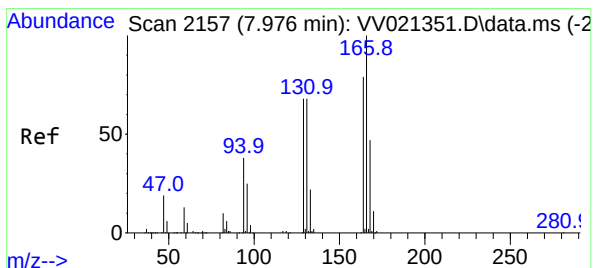
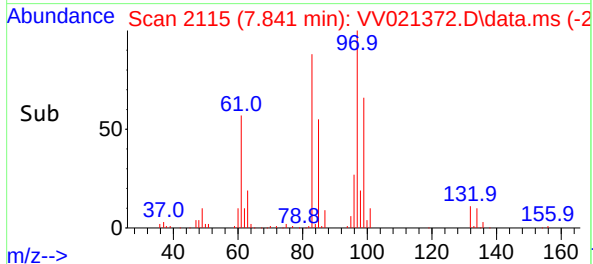
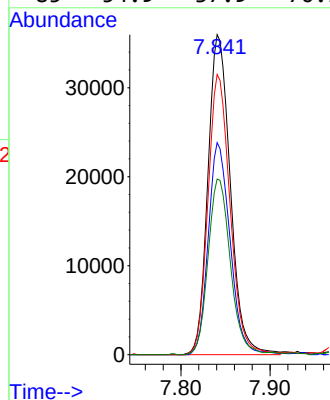
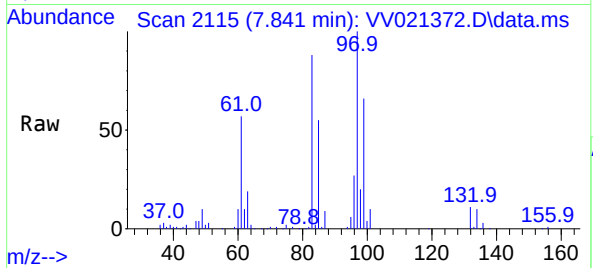
Ion Ratio Lower Upper

97 100

99 66.2 44.1 81.9

83 87.5 59.4 110.4

85 54.9 37.9 70.5



#47

Tetrachloroethene

Concen: 4.82 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV021372.D

Acq: 21 May 2021 20:38

Tgt Ion:164 Resp: 85261

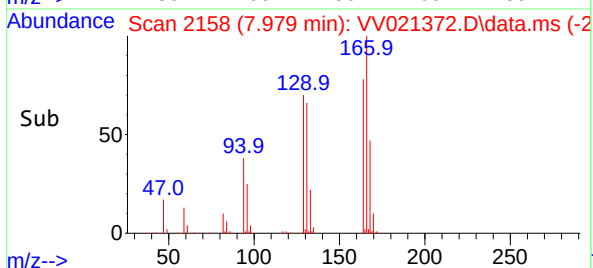
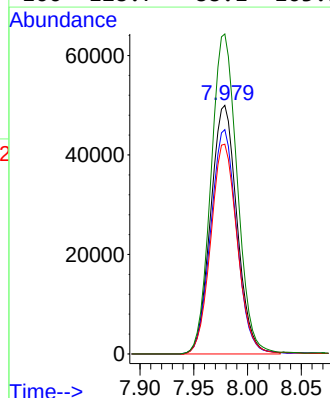
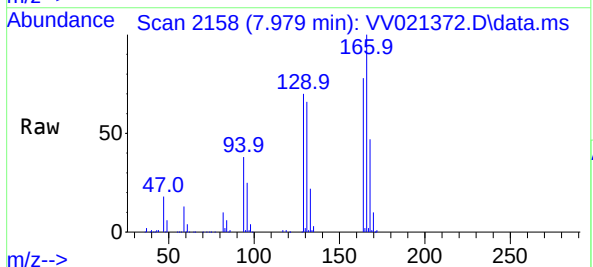
Ion Ratio Lower Upper

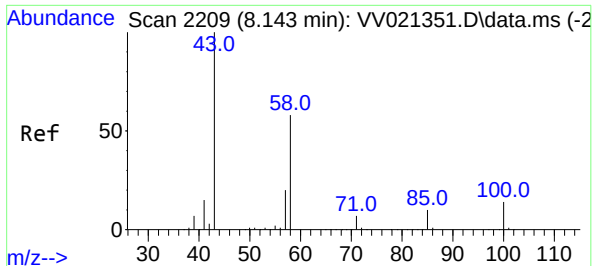
164 100

129 90.2 65.0 120.6

131 84.4 61.8 114.8

166 128.7 88.1 163.5



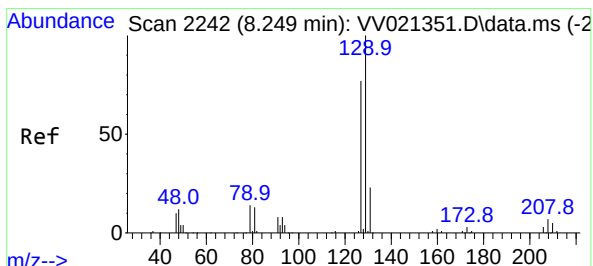
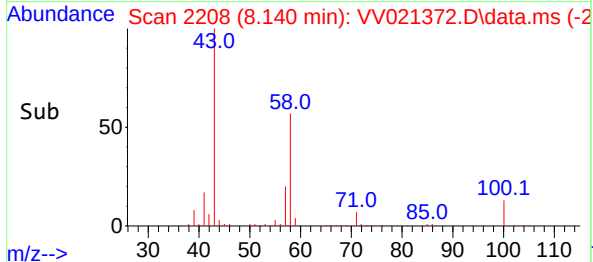
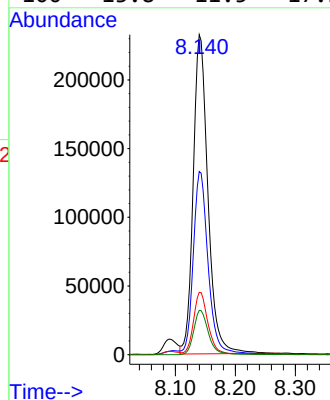
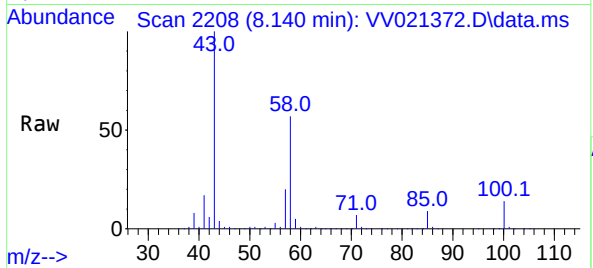


#48
2-Hexanone
Concen: 49.44 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Instrument :
MSVOA_V
ClientSampleId :
GB432MS

Tgt Ion: 43 Resp: 398509

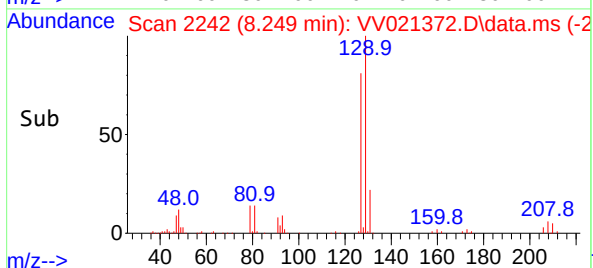
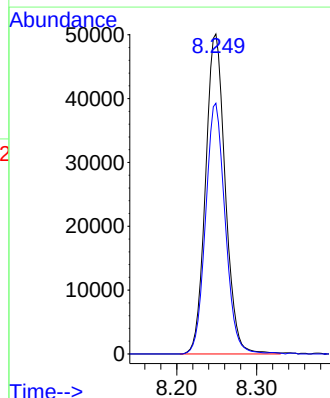
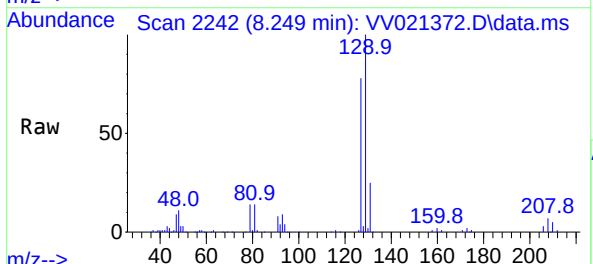
Ion	Ratio	Lower	Upper
43	100		
58	57.1	47.8	71.8
57	19.1	16.6	24.8
100	13.8	11.5	17.3

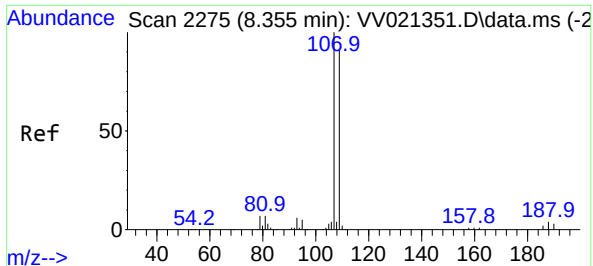


#49
Dibromochloromethane
Concen: 4.87 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Tgt Ion: 129 Resp: 86021

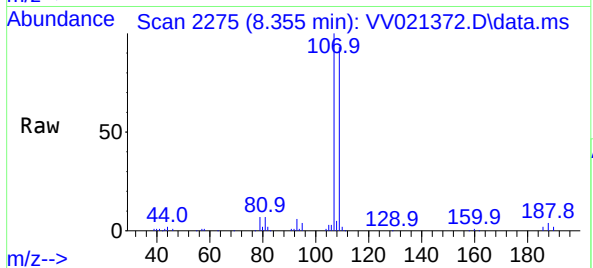
Ion	Ratio	Lower	Upper
129	100		
127	78.3	53.6	99.6



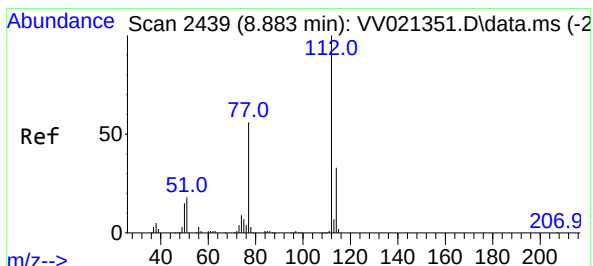
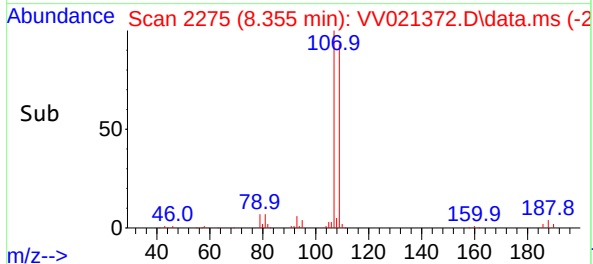
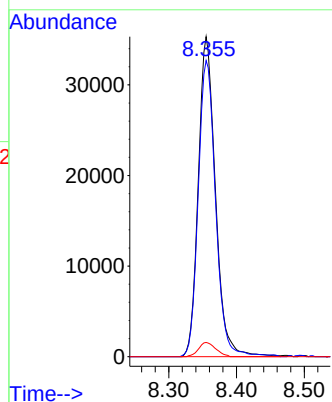


#50
1,2-Dibromoethane
Concen: 4.90 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Instrument :
MSVOA_V
ClientSampleId :
GB432MS

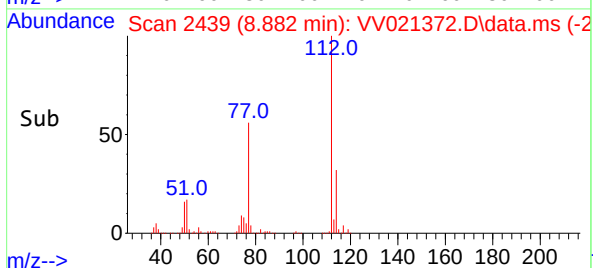
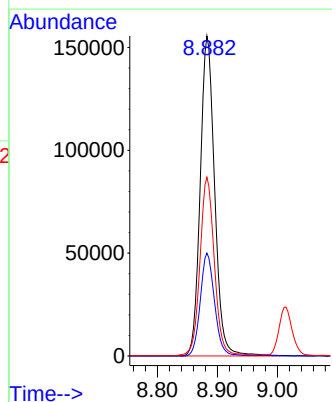
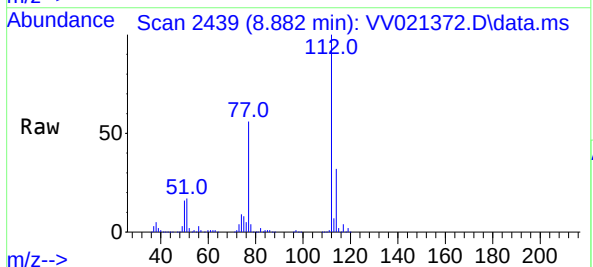


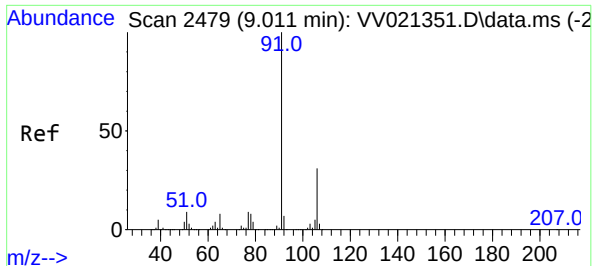
Tgt Ion:107 Resp: 62007
Ion Ratio Lower Upper
107 100
109 92.6 66.6 123.8
188 4.5 3.3 4.9



#51
Chlorobenzene
Concen: 4.93 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Tgt Ion:112 Resp: 260802
Ion Ratio Lower Upper
112 100
114 32.1 22.4 41.6
77 55.8 45.0 67.4

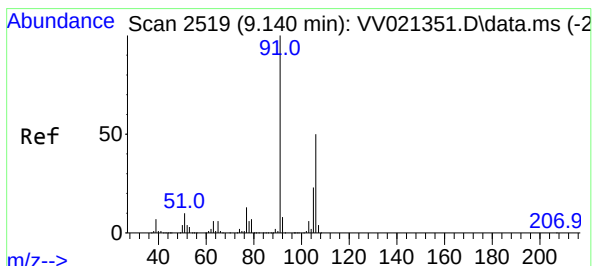
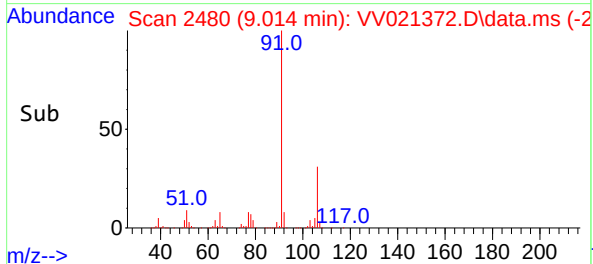
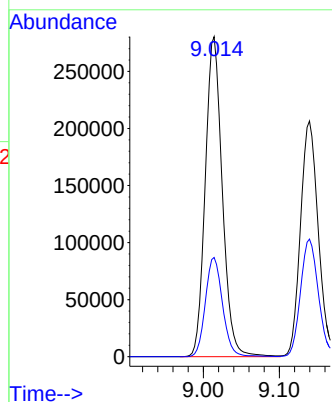
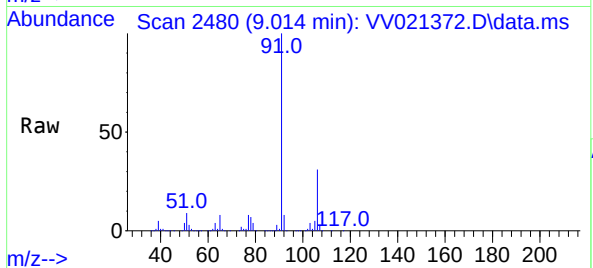




#52
Ethylbenzene
Concen: 4.90 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

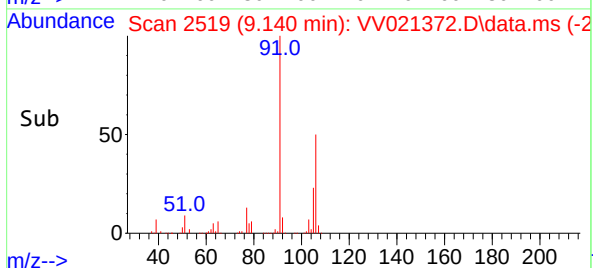
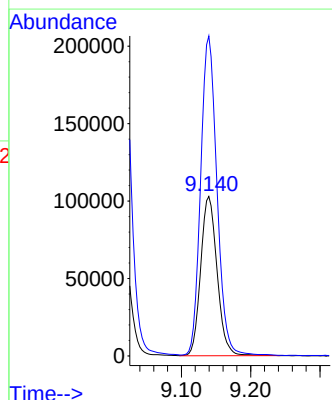
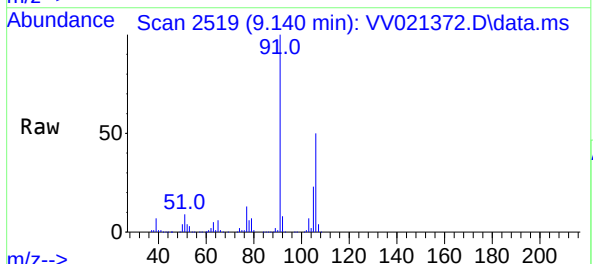
Instrument :
MSVOA_V
ClientSampleId :
GB432MS

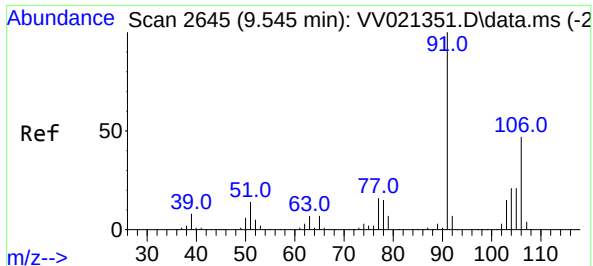
Tgt Ion: 91 Resp: 436730
Ion Ratio Lower Upper
91 100
106 31.0 21.6 40.2



#53
m,p-xylene
Concen: 4.93 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Tgt Ion: 106 Resp: 168997
Ion Ratio Lower Upper
106 100
91 200.6 141.3 262.3

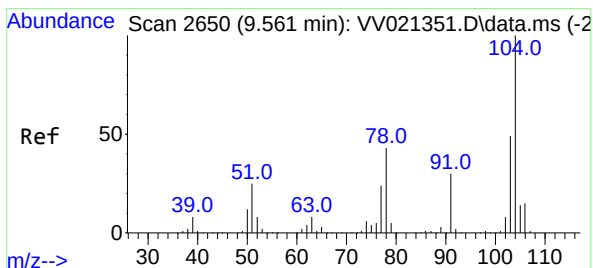
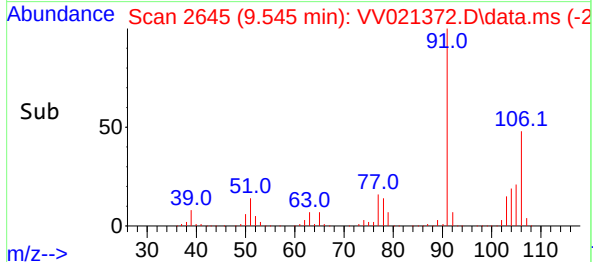
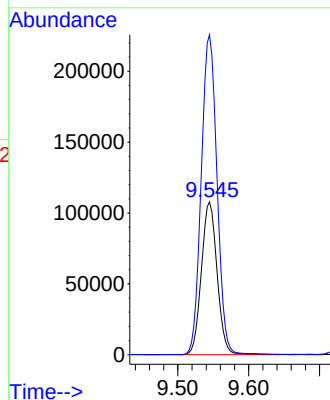
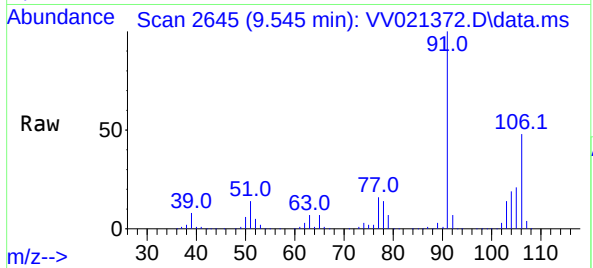




#54
o-xylene
Concen: 4.94 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

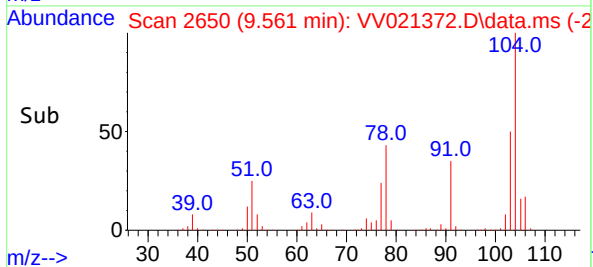
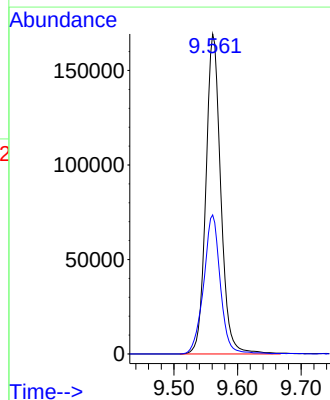
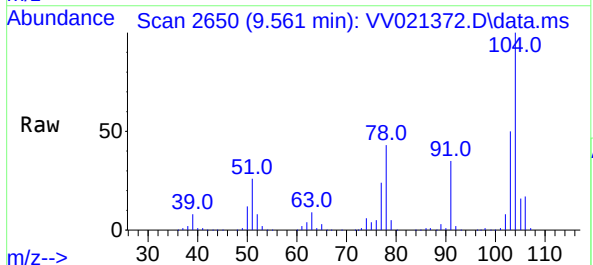
Instrument :
MSVOA_V
ClientSampleId :
GB432MS

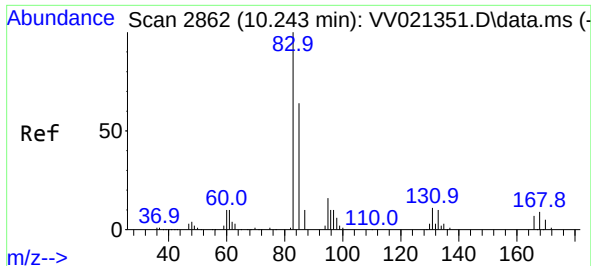
Tgt Ion:106 Resp: 165241
Ion Ratio Lower Upper
106 100
91 209.5 149.5 277.7



#55
Styrene
Concen: 4.91 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Tgt Ion:104 Resp: 275788
Ion Ratio Lower Upper
104 100
78 43.5 31.9 59.2

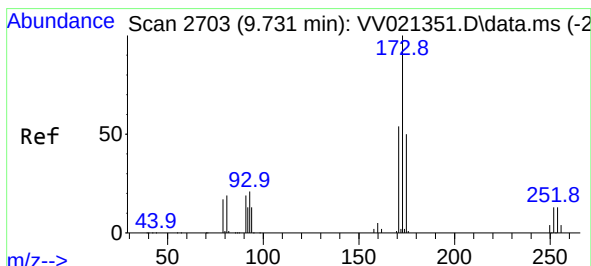
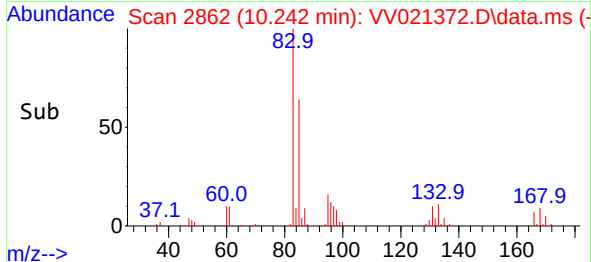
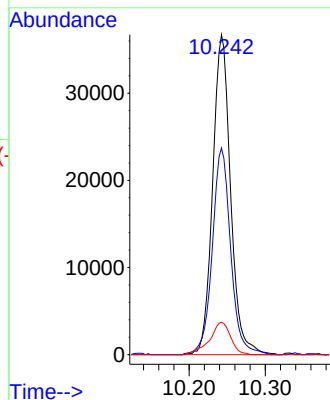
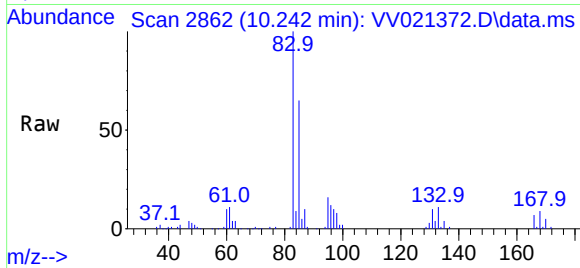




#57
1,1,2,2-Tetrachloroethane
Concen: 5.06 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

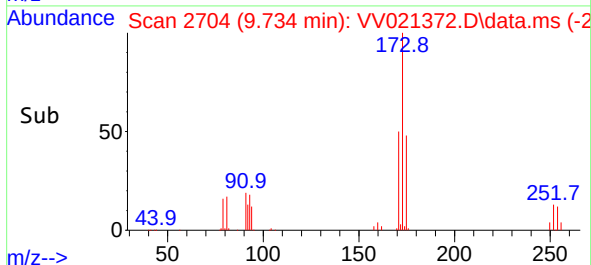
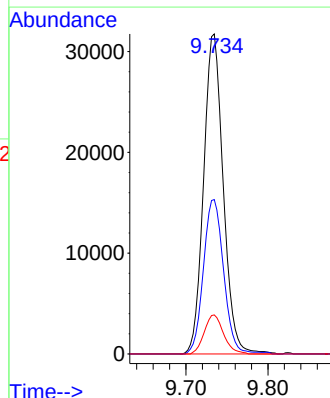
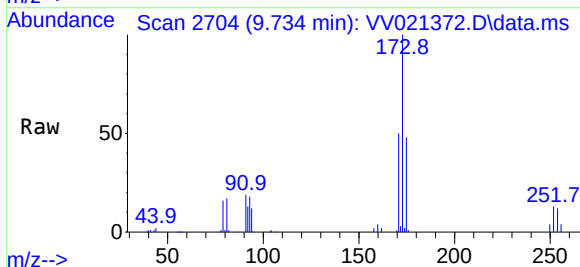
Instrument :
MSVOA_V
ClientSampleId :
GB432MS

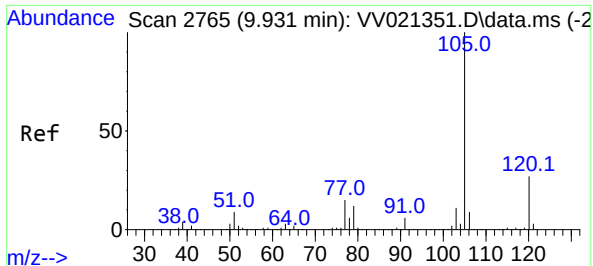
Tgt Ion:	83	Resp:	60110
Ion	Ratio	Lower	Upper
83	100		
85	64.6	44.6	82.8
131	10.1	8.4	12.6



#59
Bromoform
Concen: 4.89 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Tgt Ion:	173	Resp:	52830
Ion	Ratio	Lower	Upper
173	100		
175	49.6	38.9	58.3
254	12.0	8.3	12.5

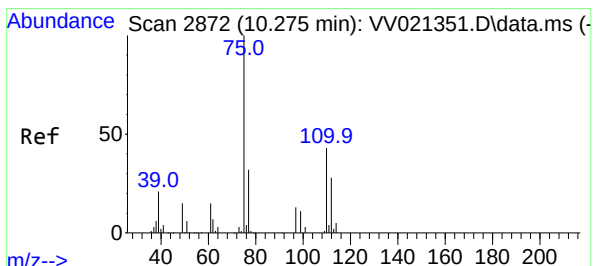
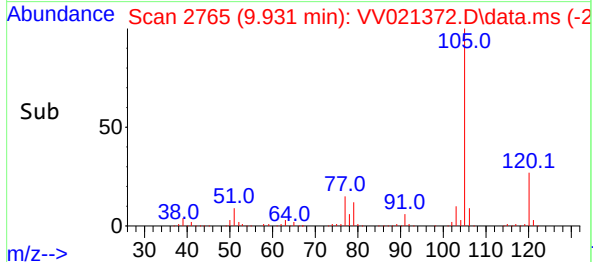
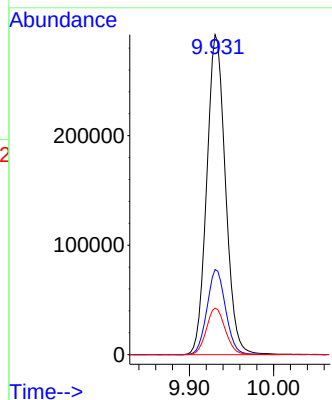
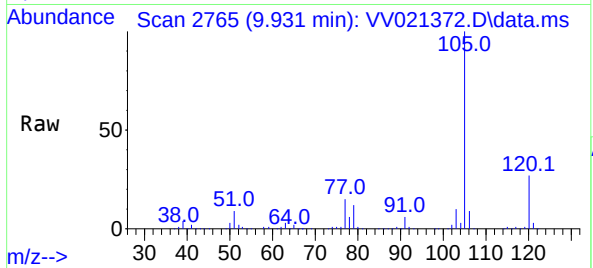




#60
Isopropylbenzene
Concen: 4.90 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

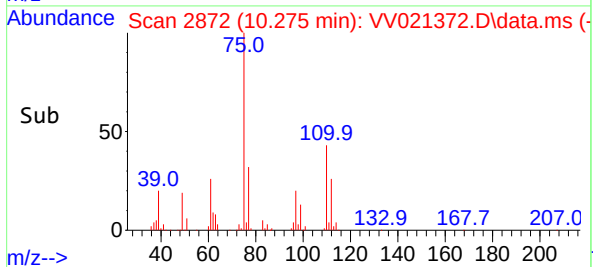
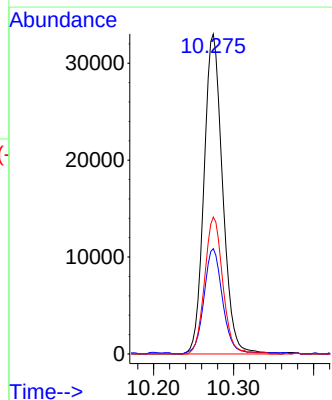
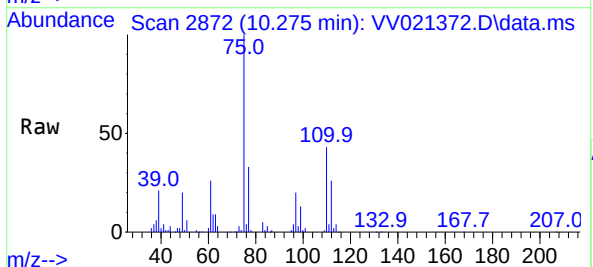
Instrument :
MSVOA_V
ClientSampleId :
GB432MS

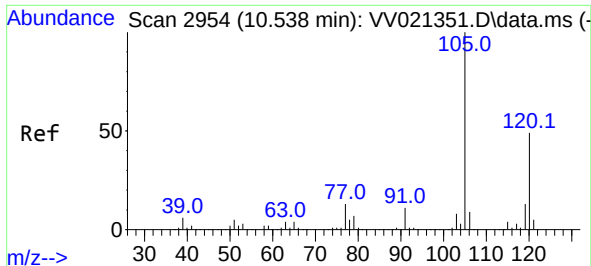
Tgt Ion:105 Resp: 451756
Ion Ratio Lower Upper
105 100
120 26.6 21.7 32.5
77 14.8 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.02 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Tgt Ion: 75 Resp: 53477
Ion Ratio Lower Upper
75 100
77 33.0 26.1 39.1
110 41.7 33.2 49.8

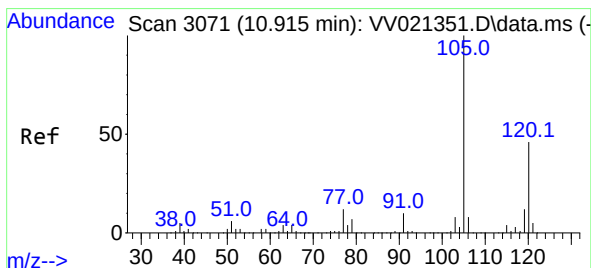
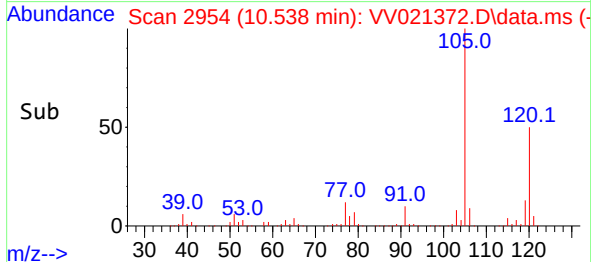
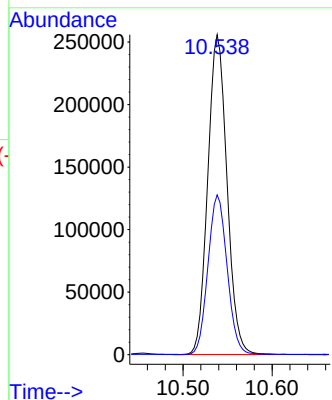
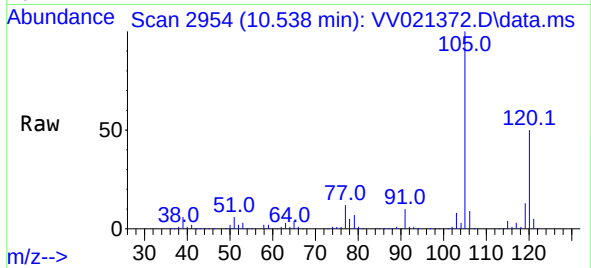




#62
1,3,5-Trimethylbenzene
Concen: 4.85 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

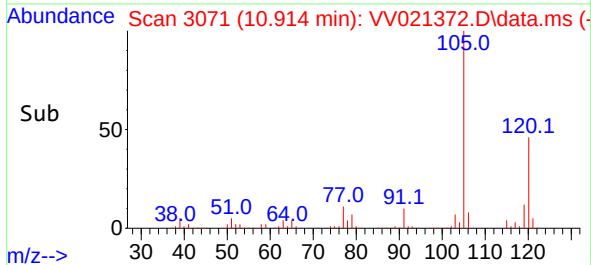
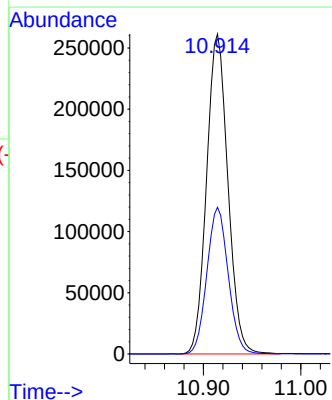
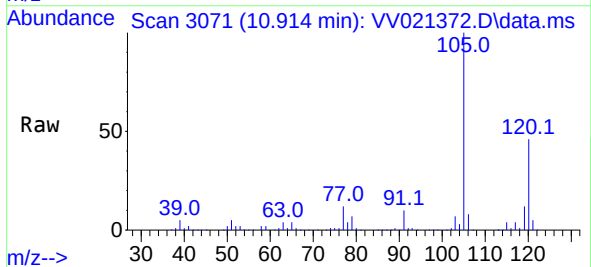
Instrument :
MSVOA_V
ClientSampleId :
GB432MS

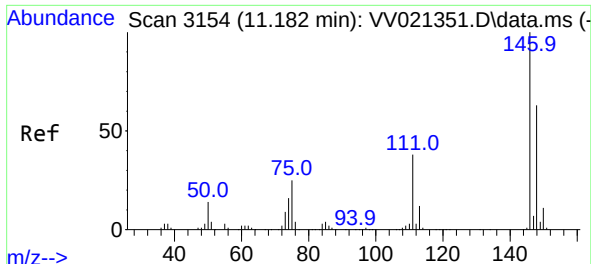
Tgt Ion:105 Resp: 382372
Ion Ratio Lower Upper
105 100
120 50.1 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 4.91 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Tgt Ion:105 Resp: 396749
Ion Ratio Lower Upper
105 100
120 45.9 36.7 55.1

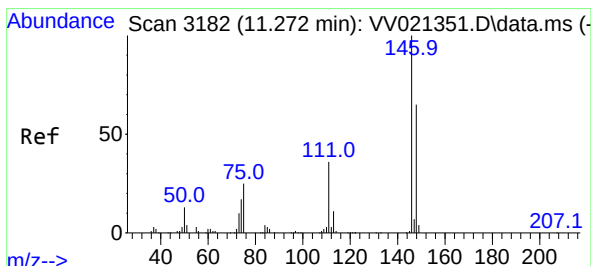
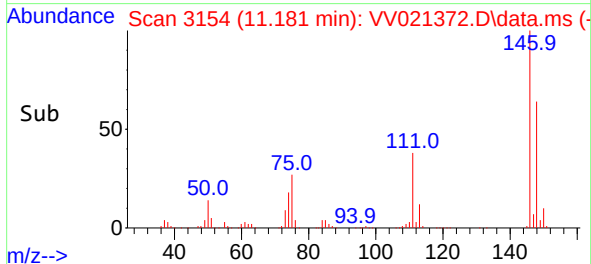
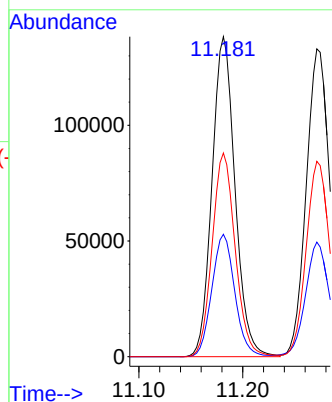
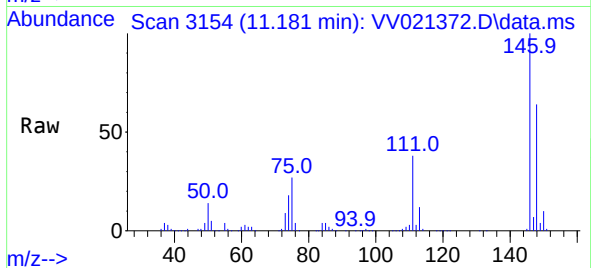




#64
1,3-Dichlorobenzene
Concen: 4.80 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

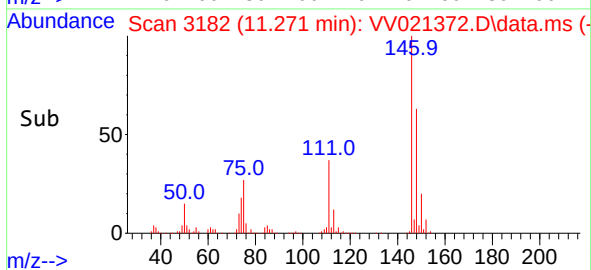
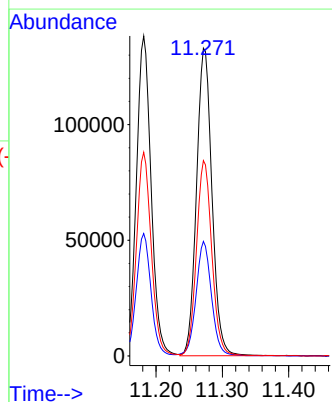
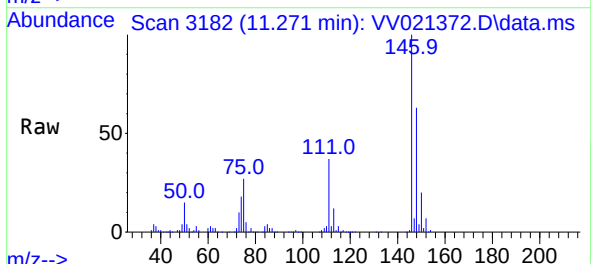
Instrument :
MSVOA_V
ClientSampleId :
GB432MS

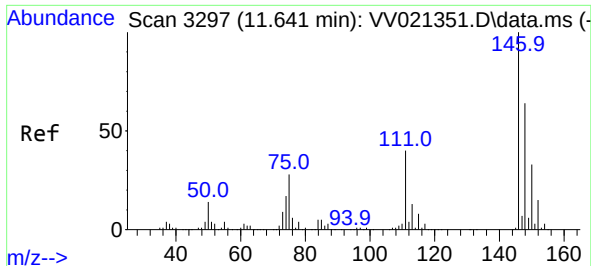
Tgt Ion:146 Resp: 212757
Ion Ratio Lower Upper
146 100
111 38.2 26.8 49.8
148 63.6 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.84 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Tgt Ion:146 Resp: 214946
Ion Ratio Lower Upper
146 100
111 37.2 25.8 47.8
148 63.5 43.9 81.5

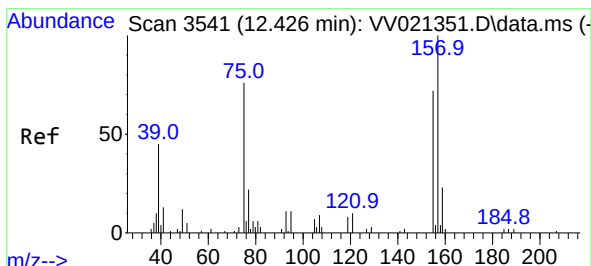
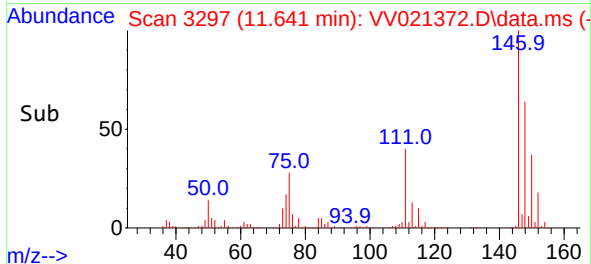
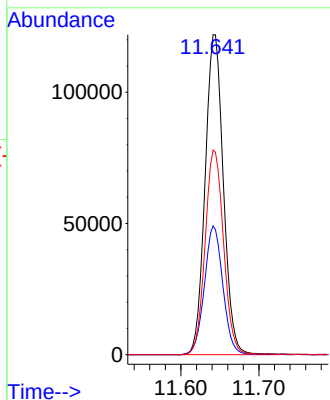
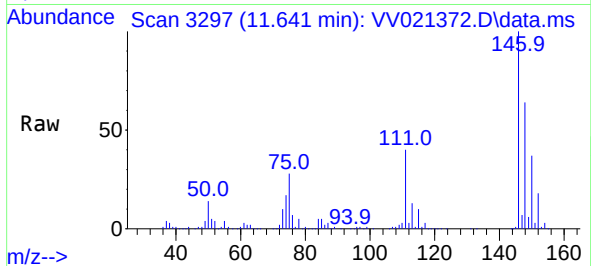




#67
1,2-Dichlorobenzene
Concen: 4.84 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

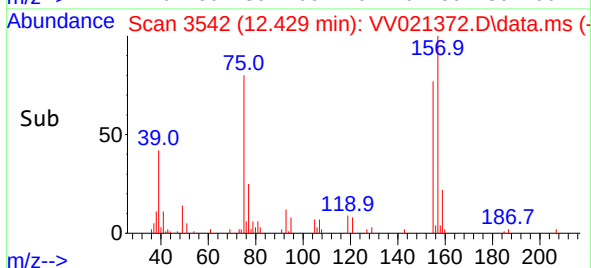
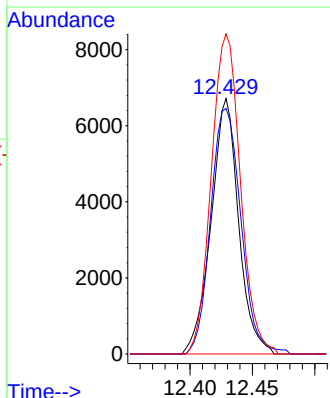
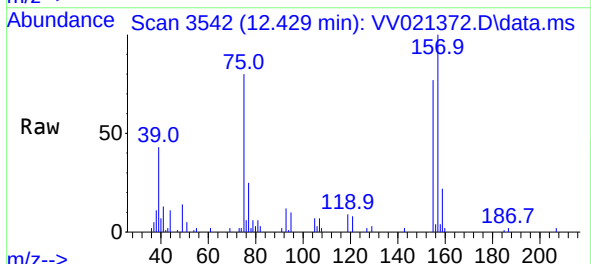
Instrument :
MSVOA_V
ClientSampleId :
GB432MS

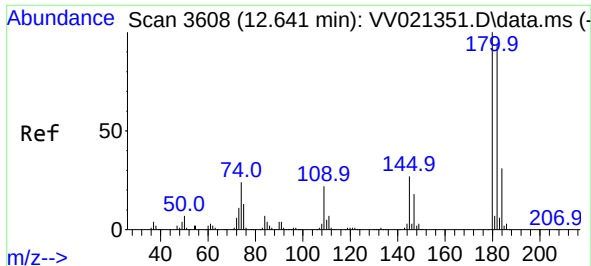
Tgt Ion:146 Resp: 198510
Ion Ratio Lower Upper
146 100
111 40.3 32.6 49.0
148 64.0 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.85 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Tgt Ion: 75 Resp: 10313
Ion Ratio Lower Upper
75 100
155 96.2 72.8 109.2
157 125.3 94.7 142.1



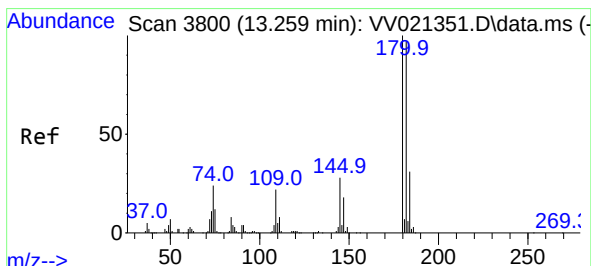
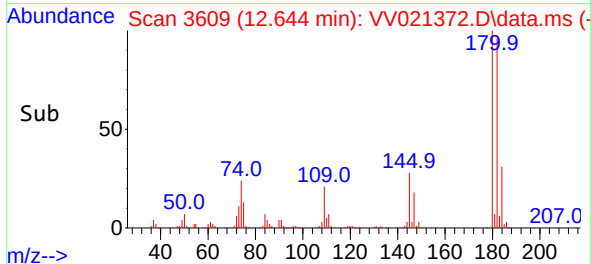
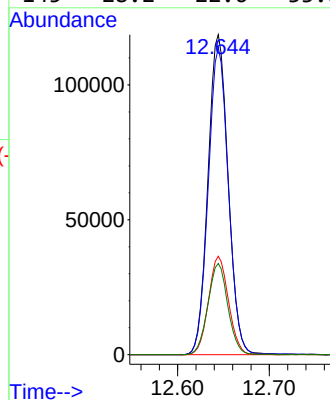
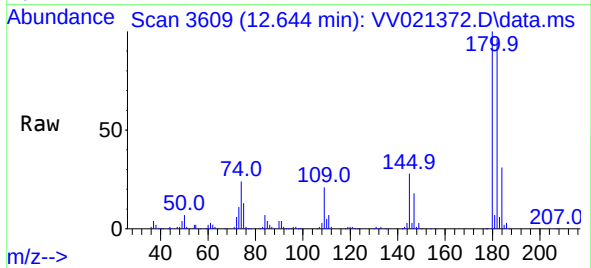


#69
1,3,5-Trichlorobenzene
Concen: 4.72 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.003 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Instrument :
MSVOA_V
ClientSampleId :
GB432MS

Tgt Ion:180 Resp: 181326

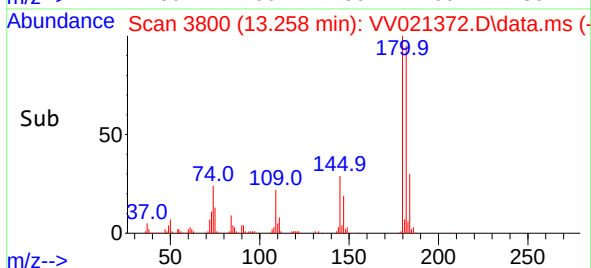
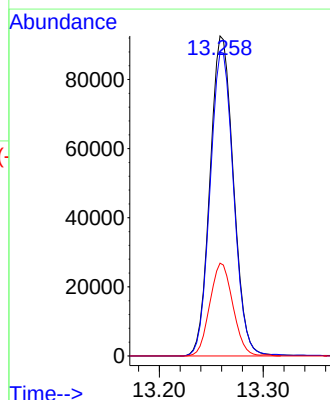
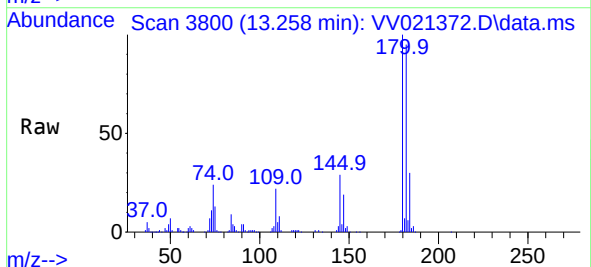
Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.6	113.4
184	30.5	24.4	36.6
145	28.2	22.6	33.8

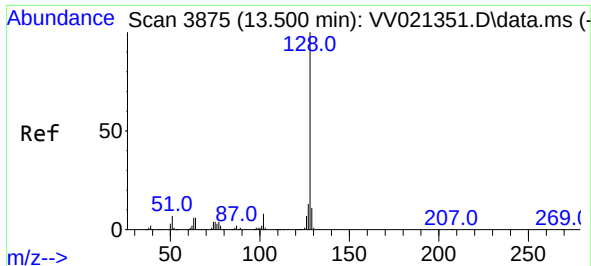


#70
1,2,4-trichlorobenzene
Concen: 4.81 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Tgt Ion:180 Resp: 145037

Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.7	113.5
145	28.5	23.0	34.4

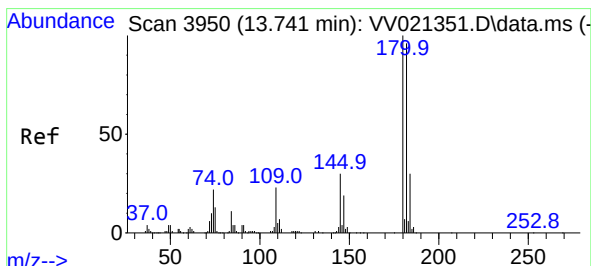
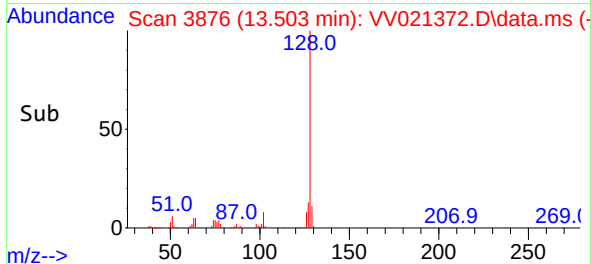
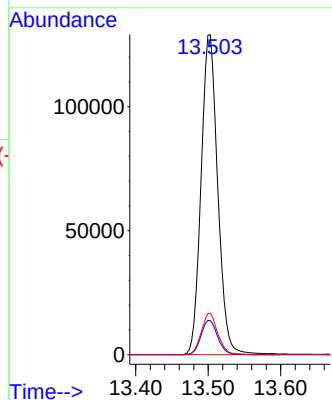
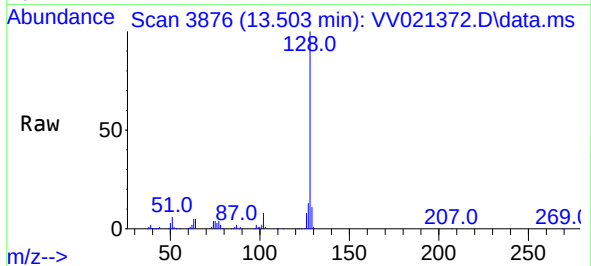




#71
Naphthalene
Concen: 5.00 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Instrument :
MSVOA_V
ClientSampleId :
GB432MS

Tgt Ion:128 Resp: 205772
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.88 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV021372.D
Acq: 21 May 2021 20:38

Tgt Ion:180 Resp: 129407
Ion Ratio Lower Upper
180 100
182 96.6 75.9 113.9
145 30.5 24.6 37.0

