

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100621\
 Data File : VW022654.D
 Acq On : 07 Oct 2021 05:03
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 07:51:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 07 07:45:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	107736	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	105041	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	58501	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	15287	4.429	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.567	69	23928	5.143	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.800%
11) 1,1-Dichloroethene-d2	2.108	63	49381	4.930	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	3.899	46	82316	40.342	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.680%
24) Chloroform-d	4.352	84	64529	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.034	65	30536	4.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.053	84	108569	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.072	67	37694	4.514	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.316	98	94733	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.625	79	10314	4.667	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.091	63	73697	53.855	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.720%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31516	4.967	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	42470	4.693	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	42224	5.146	ug/L	97
3) Chloromethane	1.240	50	44497	5.416	ug/L	98
5) Vinyl chloride	1.310	62	45266	5.459	ug/L	98
6) Bromomethane	1.522	94	26532	4.820	ug/L	99
8) Chloroethane	1.584	64	28146	5.337	ug/L	98
9) Trichlorofluoromethane	1.751	101	65347	5.267	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	37006	5.188	ug/L	97
12) 1,1-Dichloroethene	2.117	96	36839	5.582	ug/L	94
13) Acetone	2.439	43	8680	7.910	ug/L	100
14) Carbon disulfide	2.294	76	104111	5.393	ug/L	98
15) Methyl Acetate	2.439	43	10564	3.269	ug/L #	72
16) Methylene chloride	2.506	84	42774	5.625	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	78445	4.677	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	38452	5.346	ug/L	94
19) 1,1-Dichloroethane	3.191	63	66952	5.188	ug/L	99
21) 2-Butanone	3.985	43	66534	37.877	ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	38719	4.962	ug/L	99
23) Bromochloromethane	4.252	128	18559	5.052	ug/L	91
25) Chloroform	4.378	83	70836	5.027	ug/L	98

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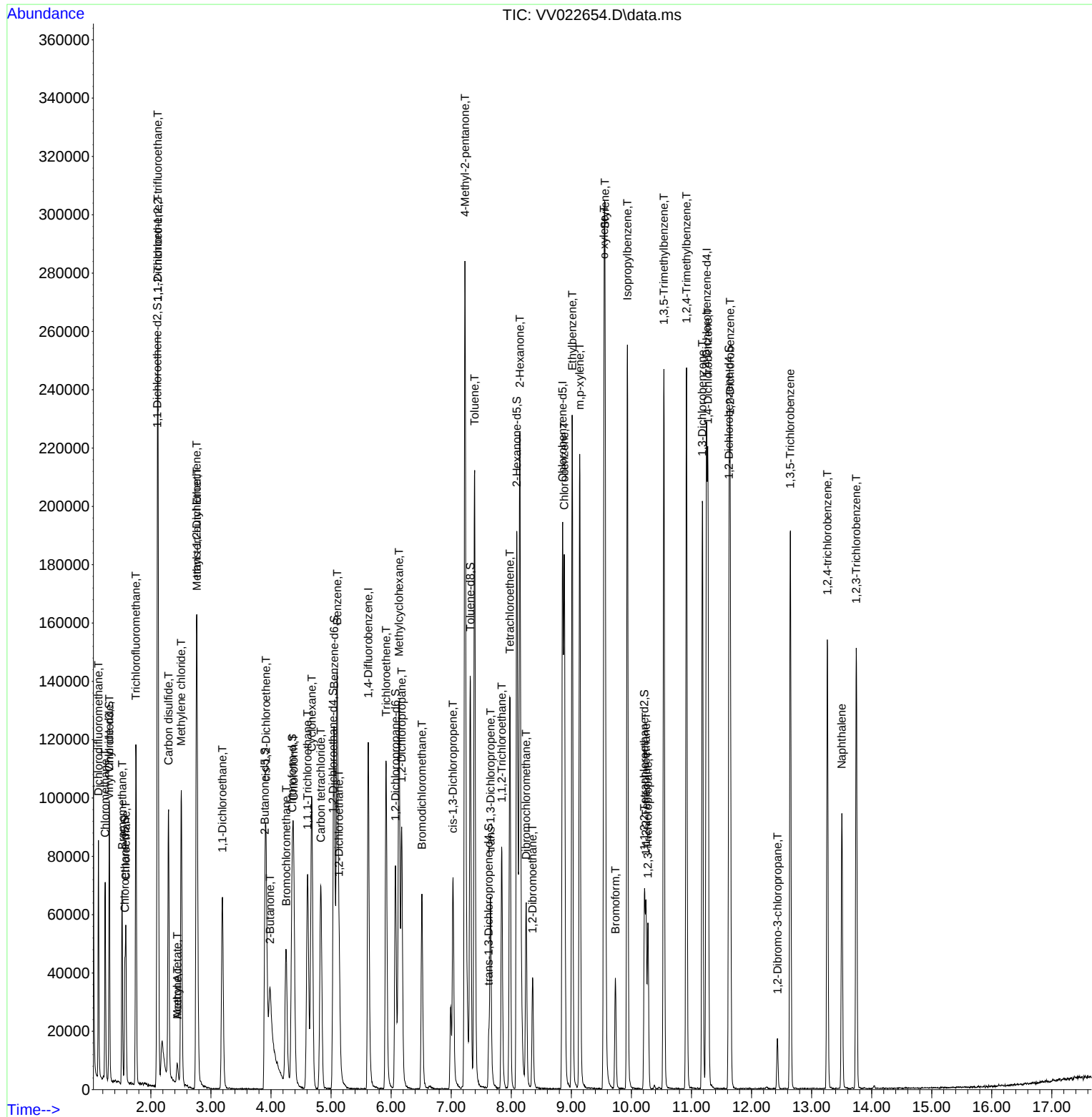
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	37553	5.007	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	60698	5.058	ug/L	98
30) Cyclohexane	4.677	56	51460	4.732	ug/L	98
31) Carbon tetrachloride	4.831	117	53370	5.013	ug/L	98
33) Benzene	5.101	78	146433	5.173	ug/L	100
34) Trichloroethene	5.915	95	39082	4.751	ug/L	97
35) Methylcyclohexane	6.133	83	53146	4.610	ug/L	98
37) 1,2-Dichloropropane	6.175	63	35992	5.208	ug/L	99
38) Bromodichloromethane	6.513	83	44539	5.086	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	46026	4.942	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	207218	54.473	ug/L	99
42) Toluene	7.390	91	159284	5.357	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	38642	4.970	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	26922	5.219	ug/L	98
47) Tetrachloroethene	7.979	164	32289	5.048	ug/L	97
48) 2-Hexanone	8.143	43	154459	56.440	ug/L	99
49) Dibromochloromethane	8.246	129	32502	5.345	ug/L	94
50) 1,2-Dibromoethane	8.355	107	25847	5.389	ug/L	96
51) Chlorobenzene	8.882	112	101437	5.212	ug/L	98
52) Ethylbenzene	9.014	91	159124	5.214	ug/L	97
53) m,p-xylene	9.140	106	63764	5.480	ug/L	92
54) o-xylene	9.545	106	60803	5.253	ug/L	97
55) Styrene	9.561	104	107591	5.467	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	29969	5.354	ug/L	97
59) Bromoform	9.734	173	17584	5.124	ug/L	99
60) Isopropylbenzene	9.934	105	160303	5.097	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	21672	4.998	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	129491	5.078	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	133291	5.145	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	84284	5.234	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	82235	4.993	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	78280	5.218	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	4188	5.053	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	62328	5.171	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	48976	5.063	ug/L	97
71) Naphthalene	13.503	128	76919	4.853	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	47572	5.351	ug/L	100

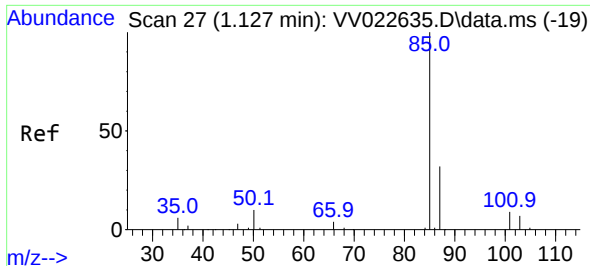
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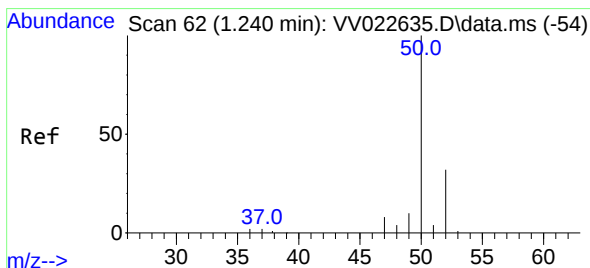
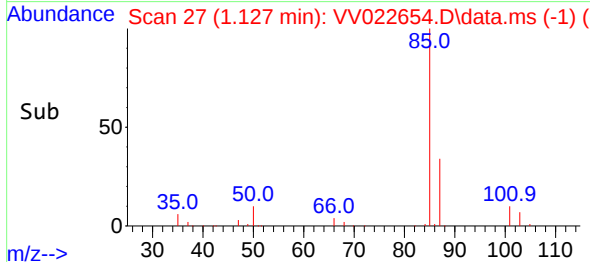
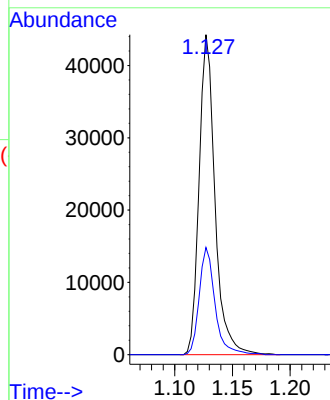
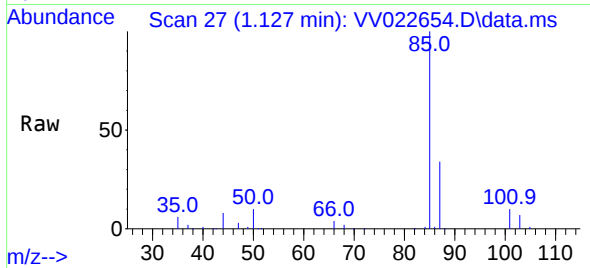




#2
Dichlorodifluoromethane
Concen: 5.146 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

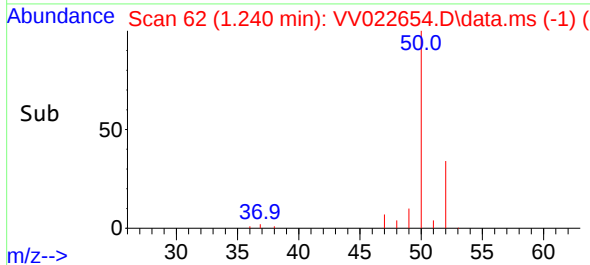
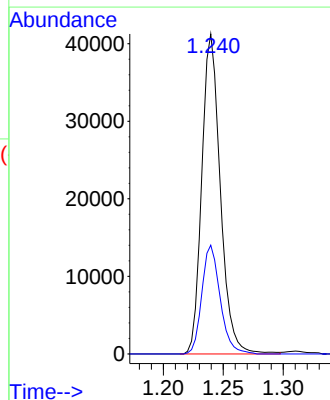
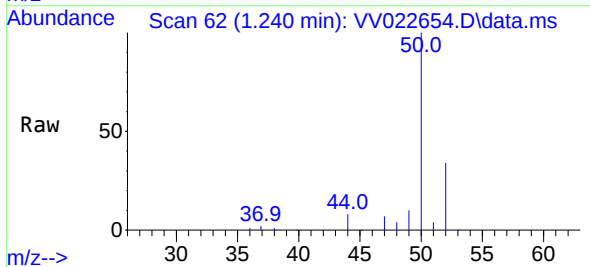
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MSVOA_V
ClientSampled :

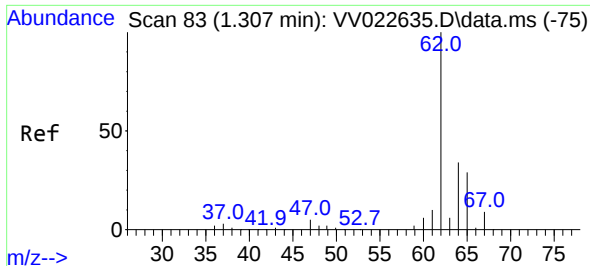
Tgt Ion: 85 Resp: 42224
Ion Ratio Lower Upper
85 100
87 33.5 25.4 38.0



#3
Chloromethane
Concen: 5.416 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Tgt Ion: 50 Resp: 44497
Ion Ratio Lower Upper
50 100
52 34.0 23.0 42.8

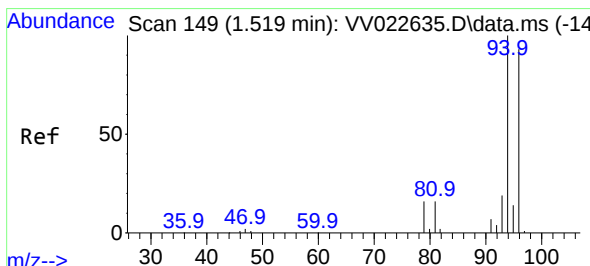
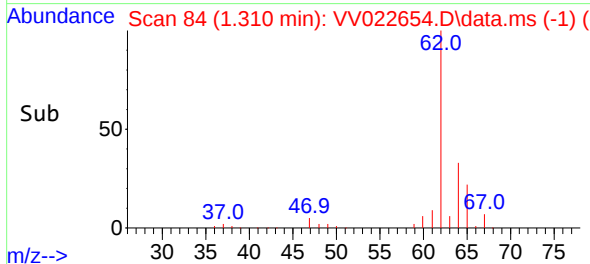
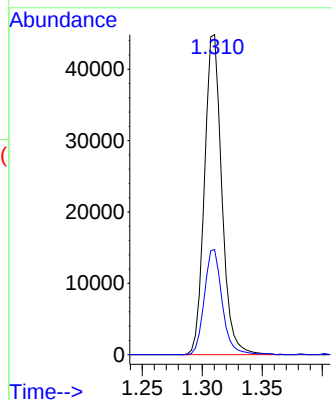
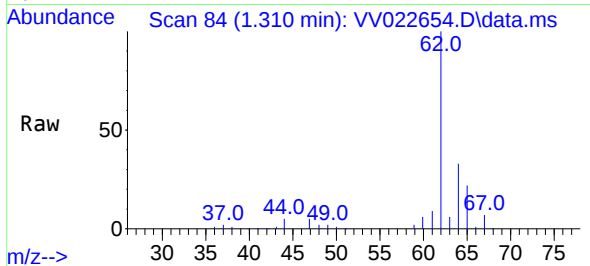




#5
 Vinyl chloride
 Concen: 5.459 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV022654.D
 Acq: 07 Oct 2021 05:03

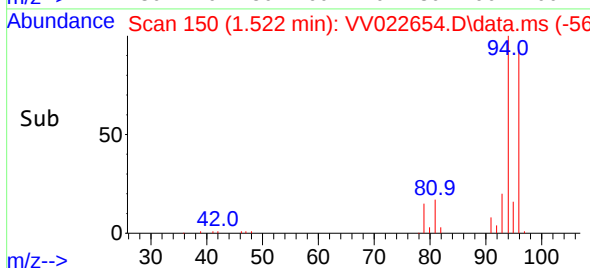
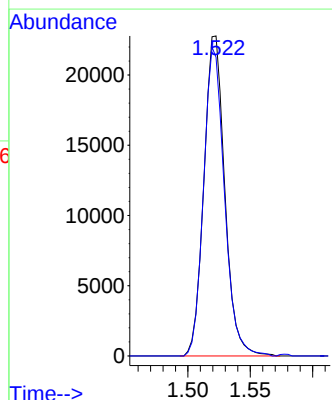
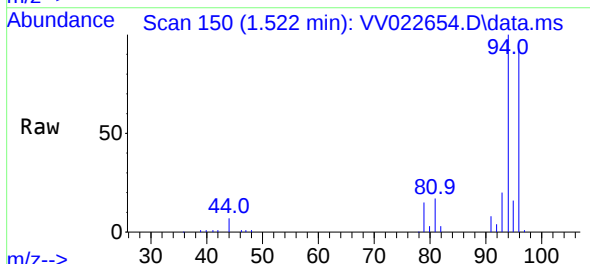
Instrument :
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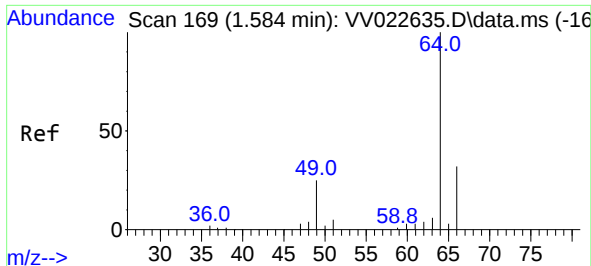
Tgt Ion: 62 Resp: 45266
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.3 41.5



#6
 Bromomethane
 Concen: 4.820 ug/L
 RT: 1.522 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV022654.D
 Acq: 07 Oct 2021 05:03

Tgt Ion: 94 Resp: 26532
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.9 122.3

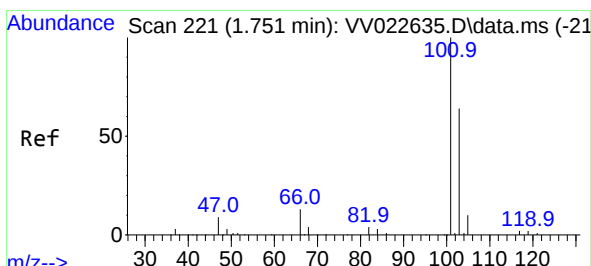
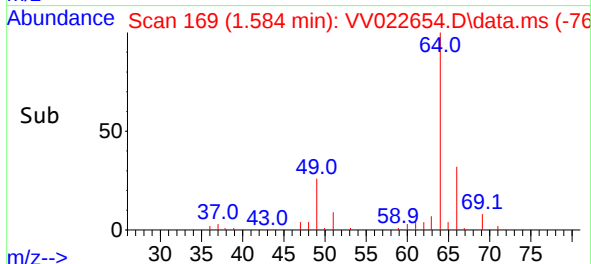
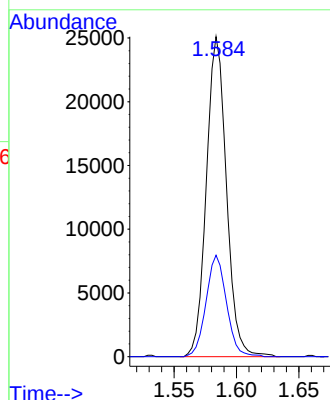
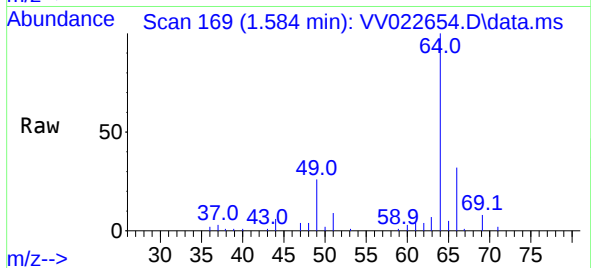




#8
Chloroethane
Concen: 5.337 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

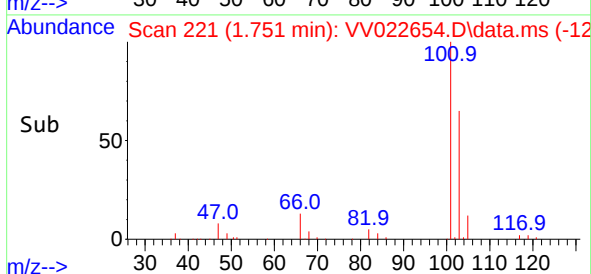
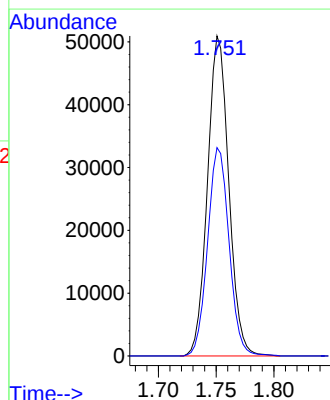
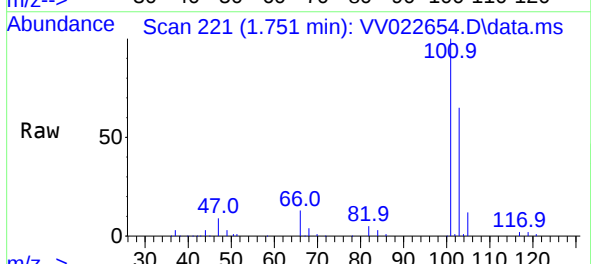
Instrument :
MSVOA_V
ClientSampleId :

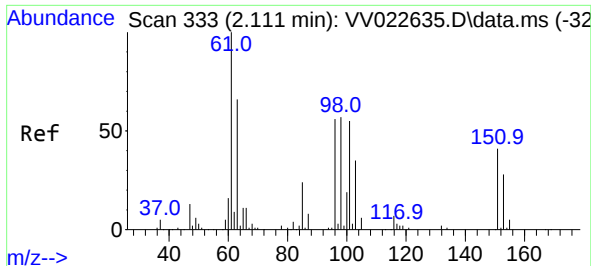
Tgt Ion: 64 Resp: 28146
Ion Ratio Lower Upper
64 100
66 31.7 23.2 43.0



#9
Trichlorofluoromethane
Concen: 5.267 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Tgt Ion:101 Resp: 65347
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2

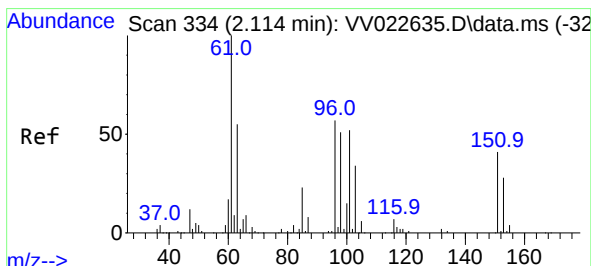
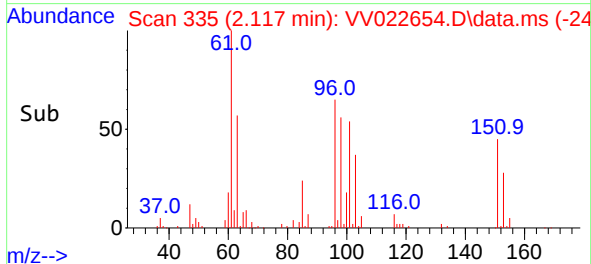
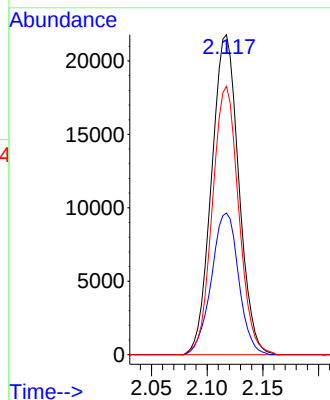
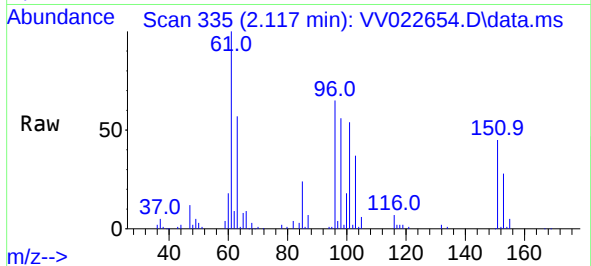




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.188 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.006 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

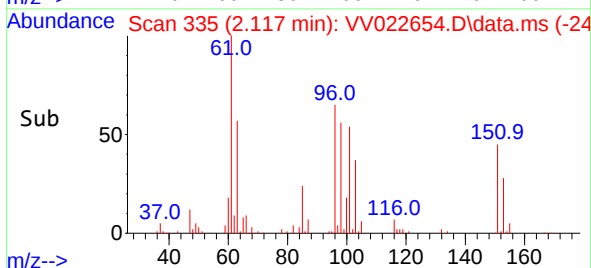
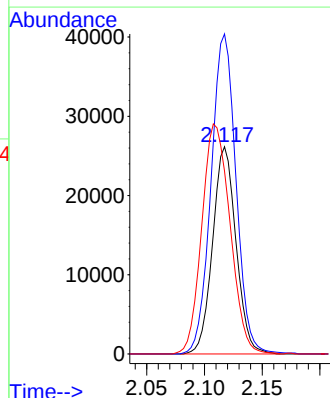
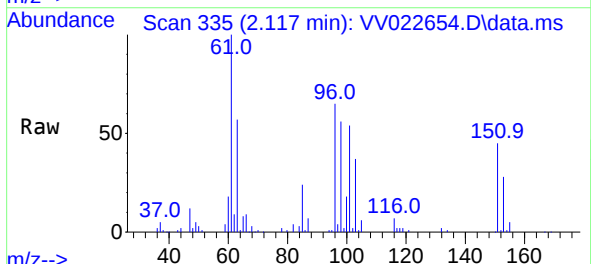
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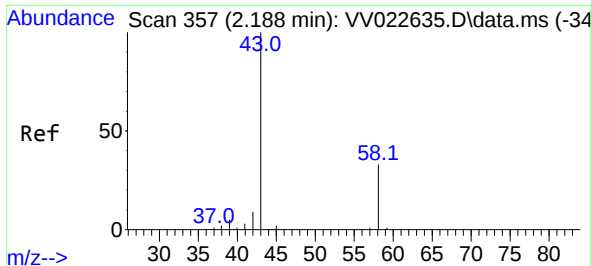
Tgt Ion:101 Resp: 37006
Ion Ratio Lower Upper
101 100
85 44.3 35.8 53.6
151 81.2 61.9 92.9



#12
1,1-Dichloroethene
Concen: 5.582 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Tgt Ion: 96 Resp: 36839
Ion Ratio Lower Upper
96 100
61 154.4 113.2 210.2
63 88.2 66.6 123.8

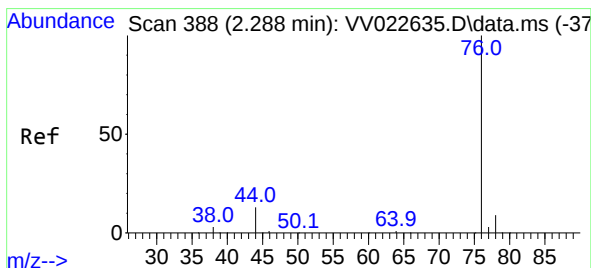
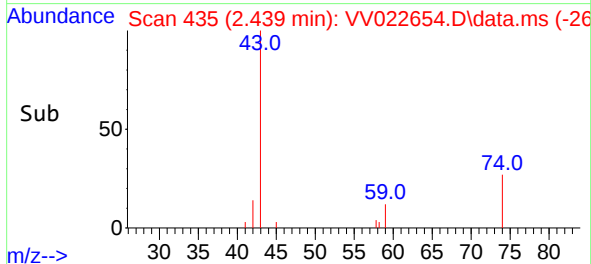
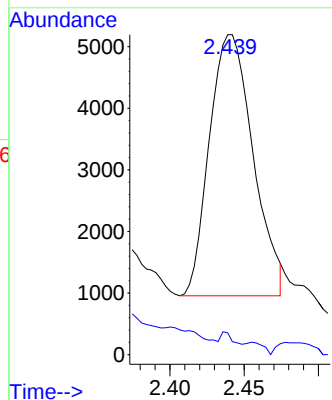
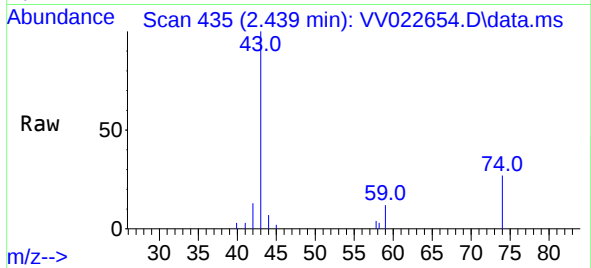




#13
Acetone
Concen: 7.910 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.251 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

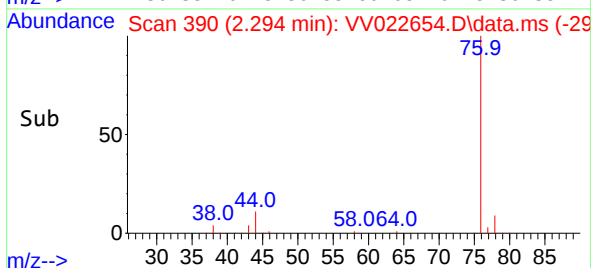
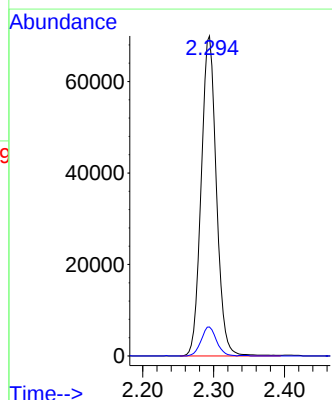
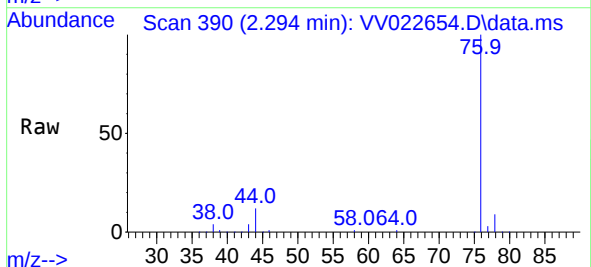
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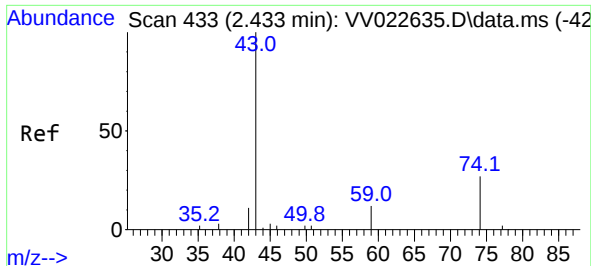
Tgt Ion: 43 Resp: 8680
Ion Ratio Lower Upper
43 100
58 9.0 0.0 17.6



#14
Carbon disulfide
Concen: 5.393 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.006 min
Lab File: VV022654.D
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Tgt Ion: 76 Resp: 104111
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.6

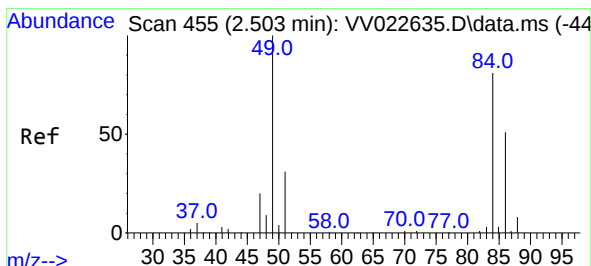
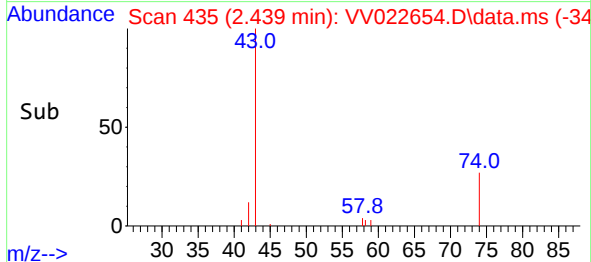
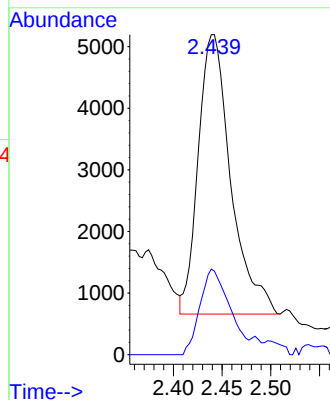
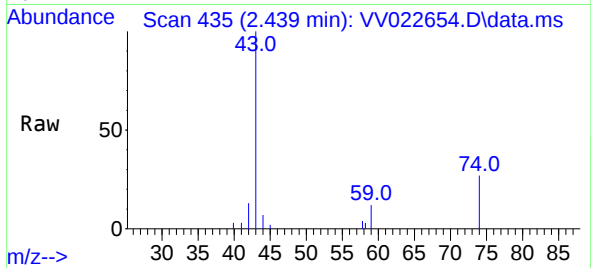




#15
Methyl Acetate
Concen: 3.269 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.006 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

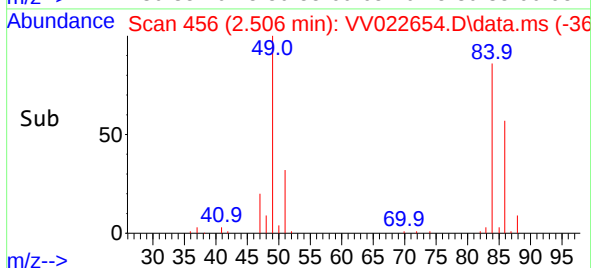
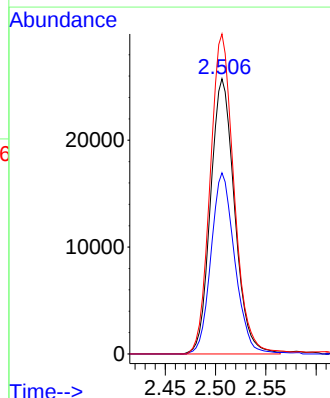
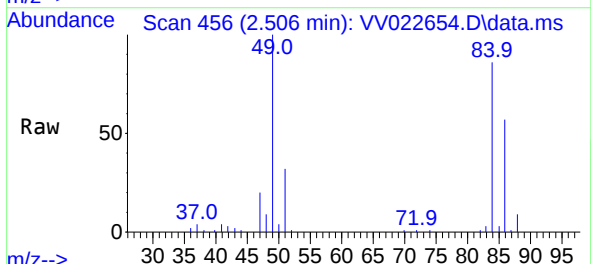
Instrument :
MSVOA_V
ClientSampled :

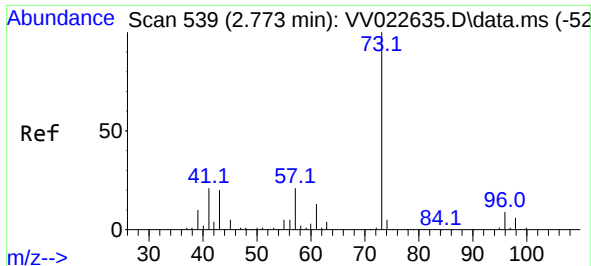
Tgt Ion: 43 Resp: 10564
Ion Ratio Lower Upper
43 100
74 28.1 13.0 19.4#



#16
Methylene chloride
Concen: 5.625 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Tgt Ion: 84 Resp: 42774
Ion Ratio Lower Upper
84 100
86 65.8 44.0 81.8
49 116.3 85.9 159.5

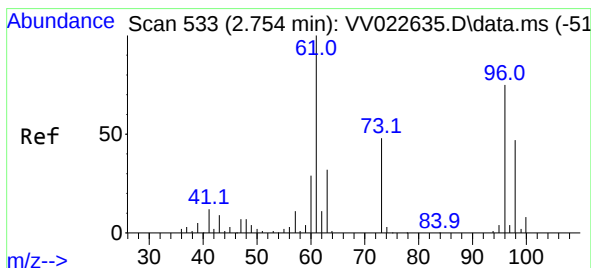
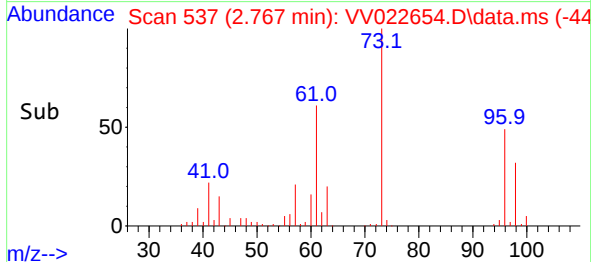
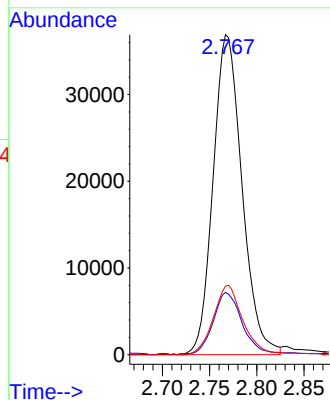
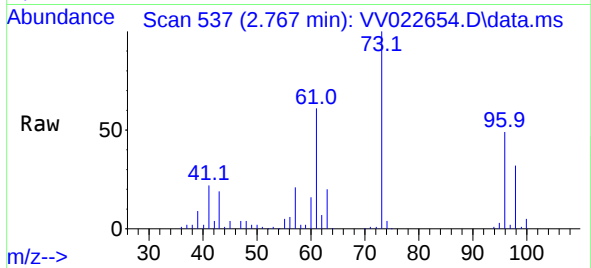




#17
Methyl tert-butyl Ether
Concen: 4.677 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.007 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

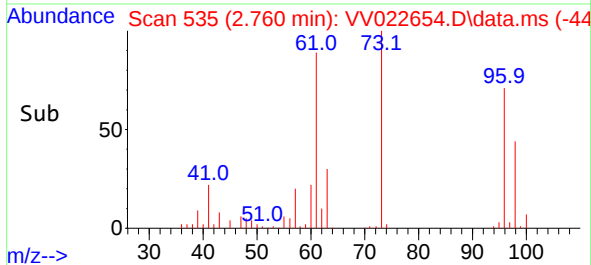
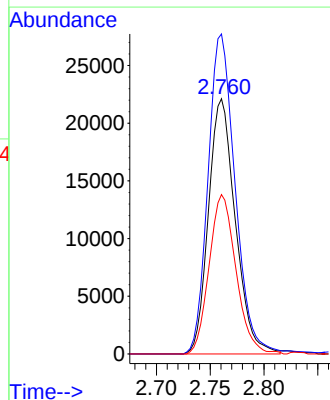
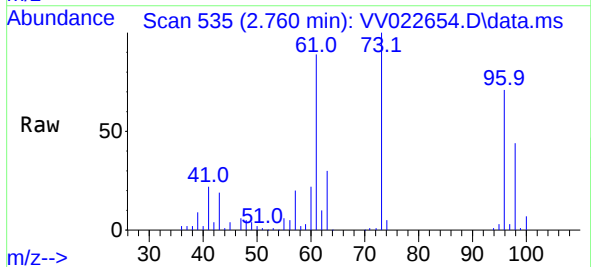
Instrument :
MSVOA_V
ClientSampleId :

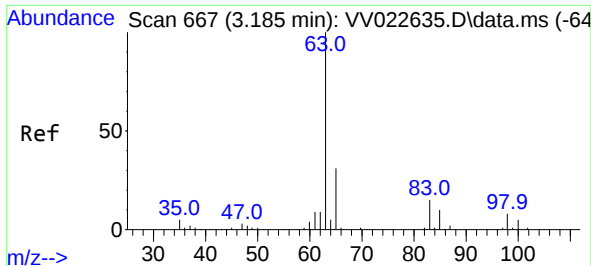
Tgt Ion: 73 Resp: 78445
Ion Ratio Lower Upper
73 100
43 19.7 16.3 24.5
57 22.0 17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 5.346 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.006 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Tgt Ion: 96 Resp: 38452
Ion Ratio Lower Upper
96 100
61 125.4 94.0 174.6
98 62.5 44.9 83.3

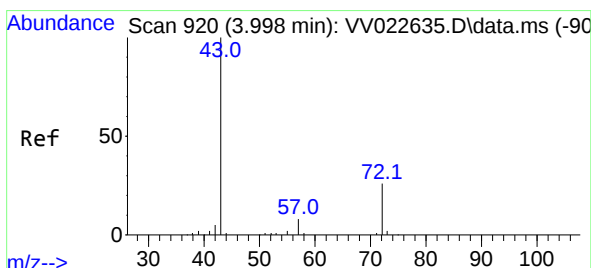
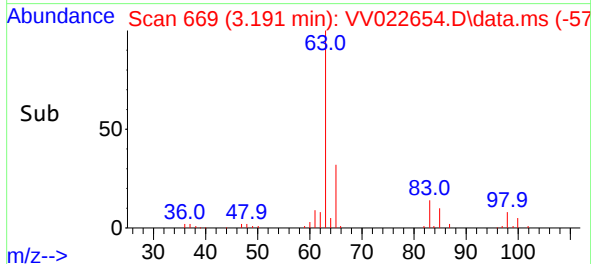
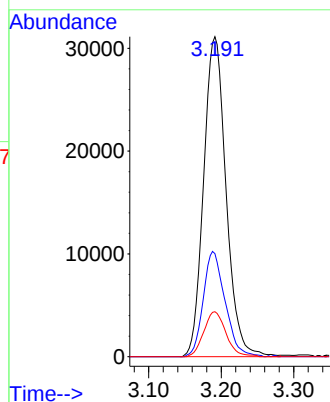
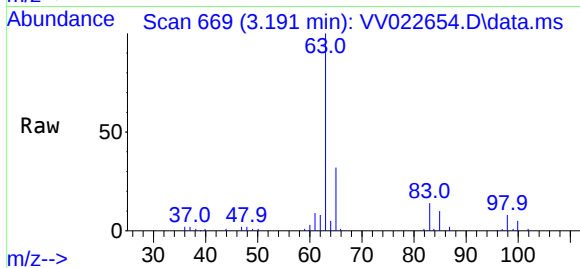




#19
1,1-Dichloroethane
Concen: 5.188 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.006 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

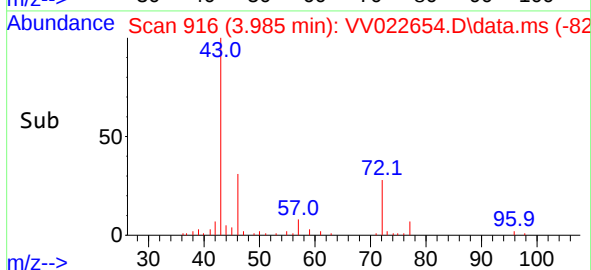
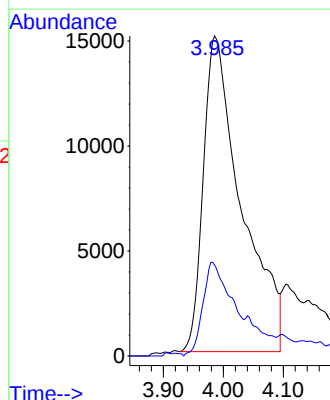
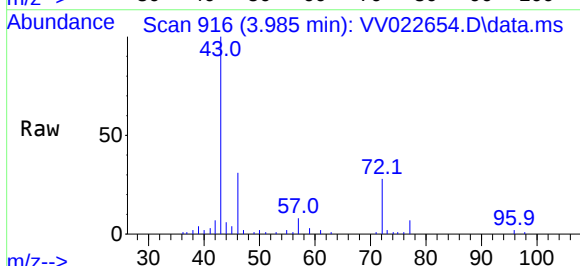
Instrument :
MSVOA_V
ClientSampled :

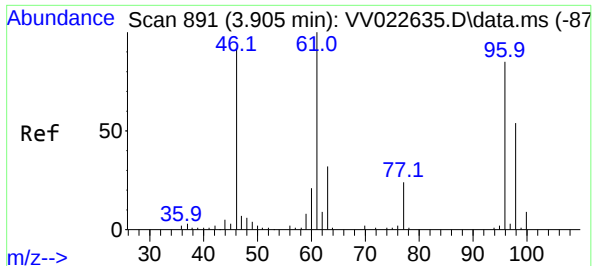
Tgt Ion:	63	Resp:	66952
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.8	42.4
83	14.1	10.2	19.0



#21
2-Butanone
Concen: 37.877 ug/L
RT: 3.985 min Scan# 916
Delta R.T. -0.013 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Tgt Ion:	43	Resp:	66534
Ion	Ratio	Lower	Upper
43	100		
72	21.9	12.7	38.1

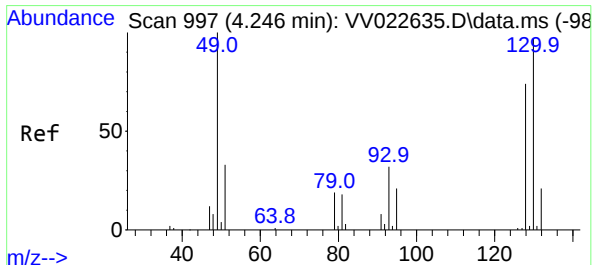
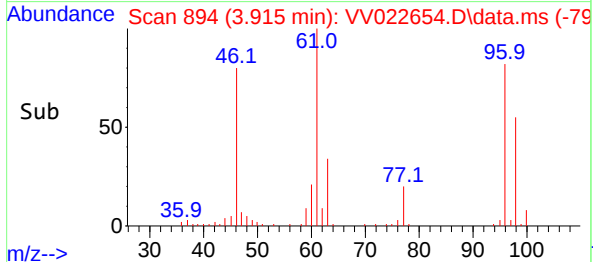
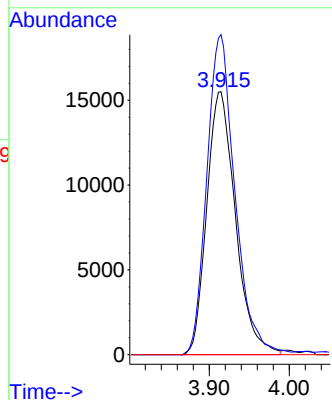
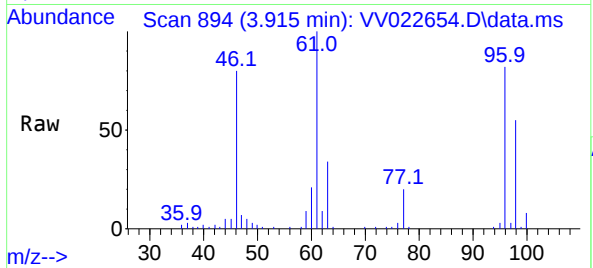




#22
cis-1,2-Dichloroethene
Concen: 4.962 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.009 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

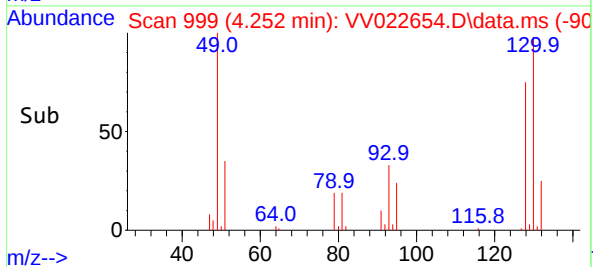
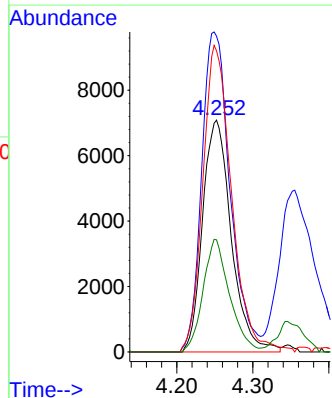
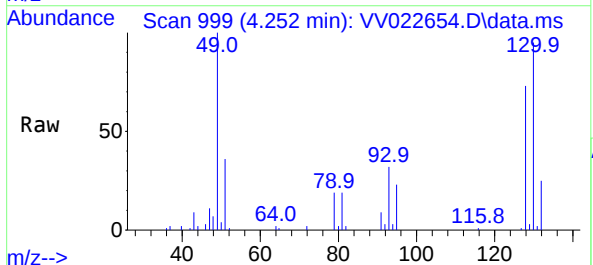
Instrument :
MSVOA_V
ClientSampleId :

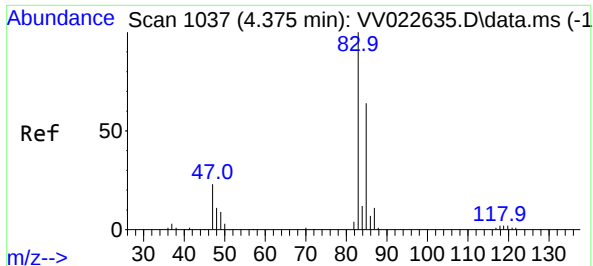
Tgt Ion: 96 Resp: 38719
Ion Ratio Lower Upper
96 100
61 121.6 85.6 159.0
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.052 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.006 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Tgt Ion:128 Resp: 18559
Ion Ratio Lower Upper
128 100
49 136.2 110.7 205.5
130 129.9 93.2 173.2
51 48.4 39.0 58.6



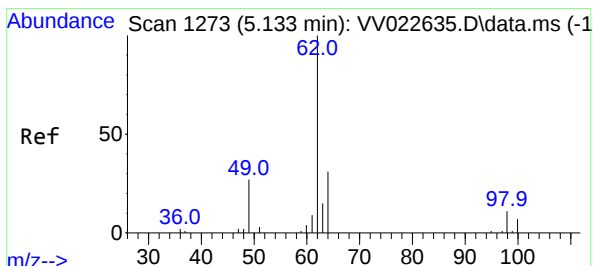
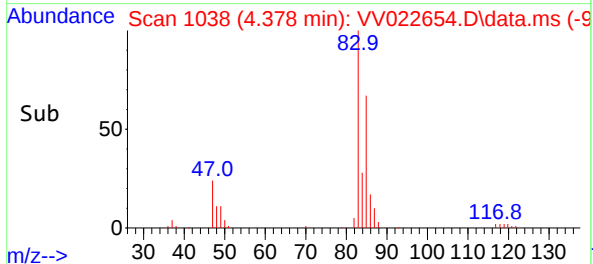
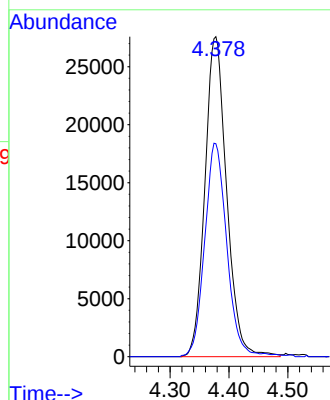
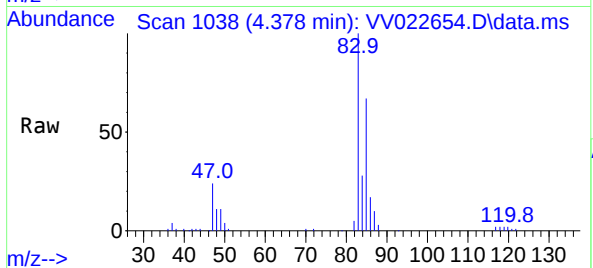


#25

Chloroform
Concen: 5.027 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Instrument :
MSVOA_V
ClientSampled :

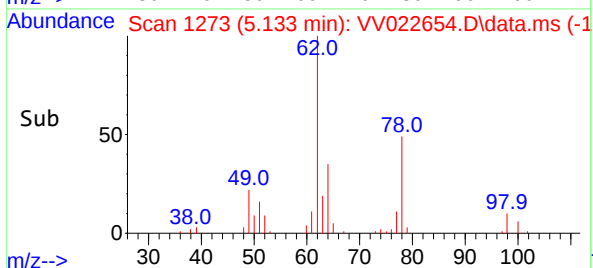
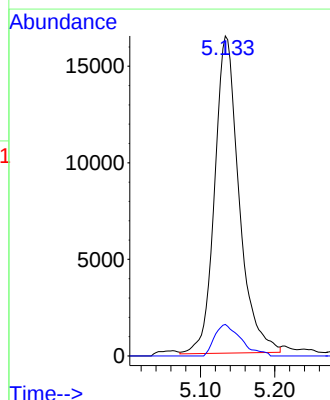
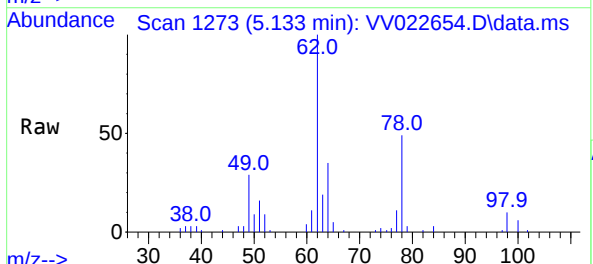
Tgt Ion: 83 Resp: 70836
Ion Ratio Lower Upper
83 100
85 66.6 45.6 84.8

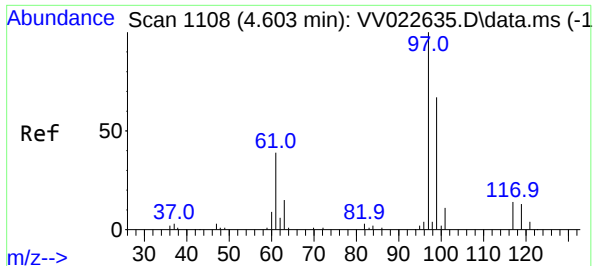


#27

1,2-Dichloroethane
Concen: 5.007 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Tgt Ion: 62 Resp: 37553
Ion Ratio Lower Upper
62 100
98 9.8 7.4 11.2



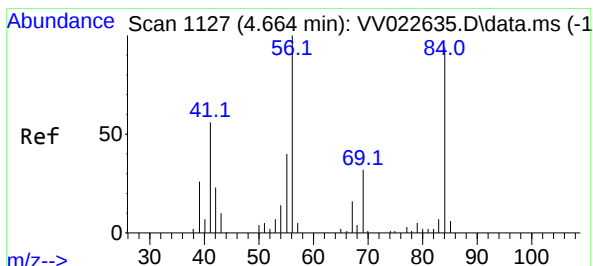
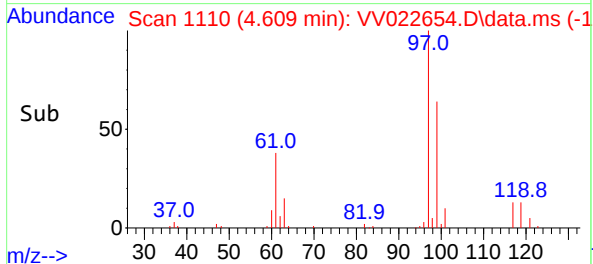
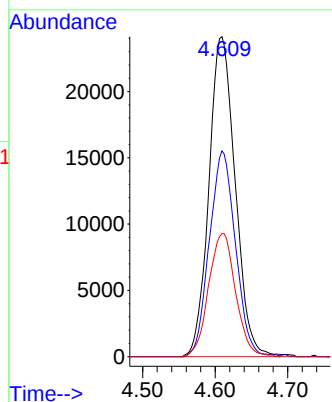
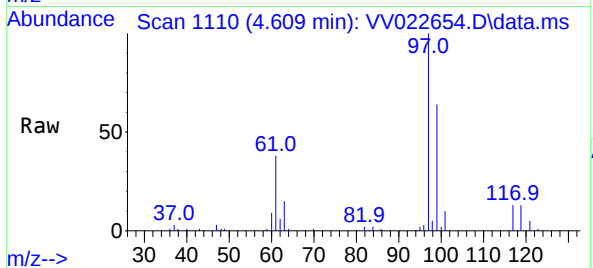


#29

1,1,1-Trichloroethane
Concen: 5.058 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Instrument :
MSVOA_V
ClientSampled :

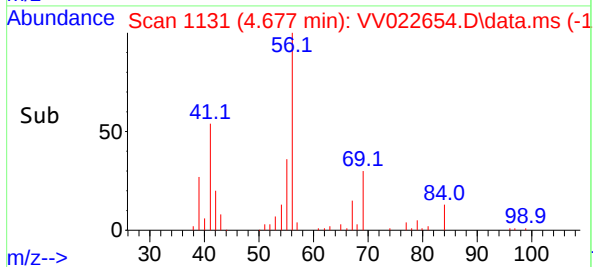
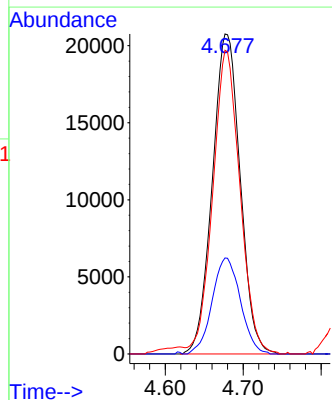
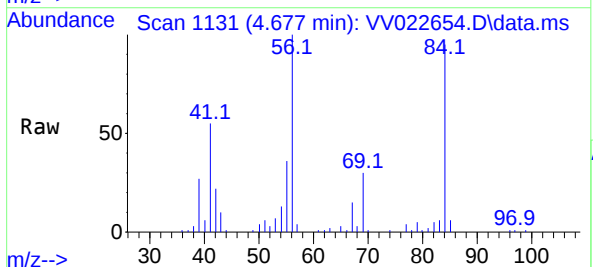
Tgt Ion: 97	Resp: 60698
Ion Ratio	Lower Upper
97 100	
99 63.8	49.8 74.6
61 39.5	32.5 48.7

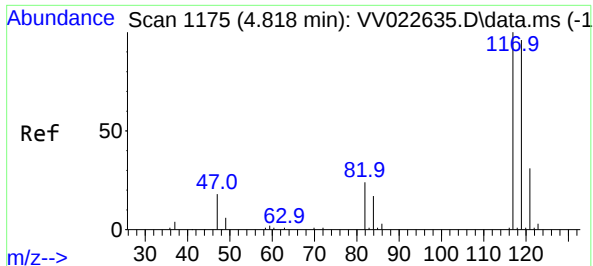


#30

Cyclohexane
Concen: 4.732 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.013 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Tgt Ion: 56	Resp: 51460
Ion Ratio	Lower Upper
56 100	
69 30.5	25.7 38.5
84 92.7	75.8 113.8

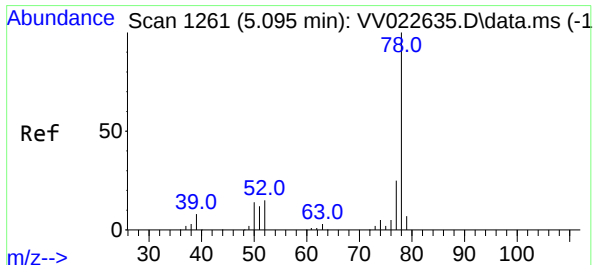
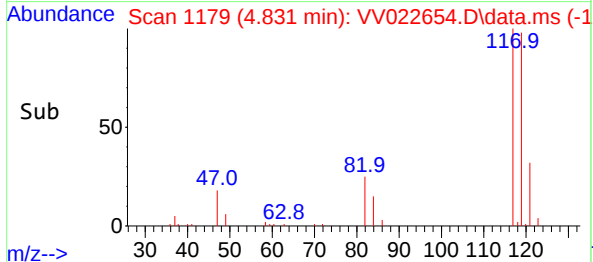
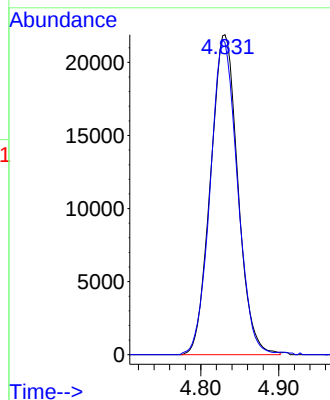
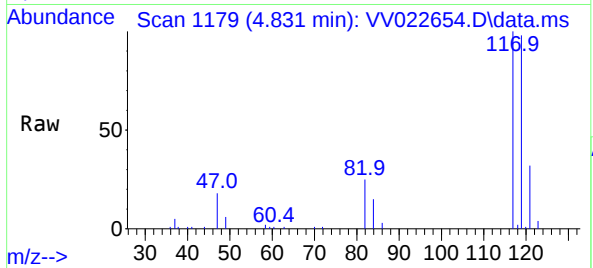




#31
Carbon tetrachloride
Concen: 5.013 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.013 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

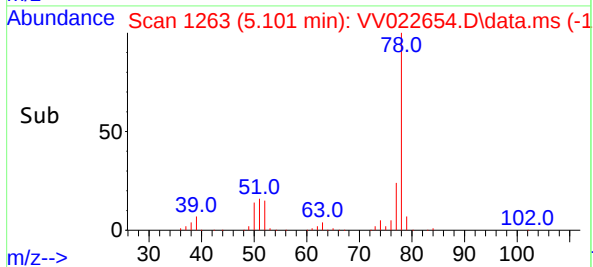
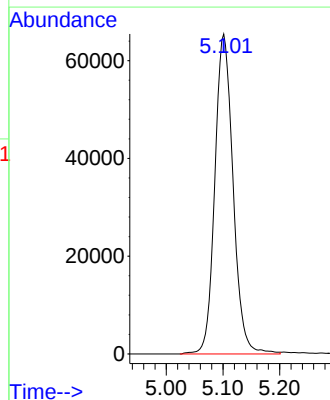
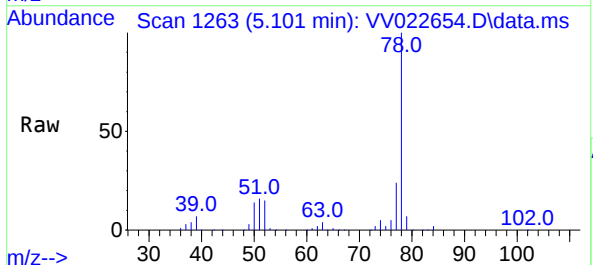
Instrument :
MSVOA_V
ClientSampled :

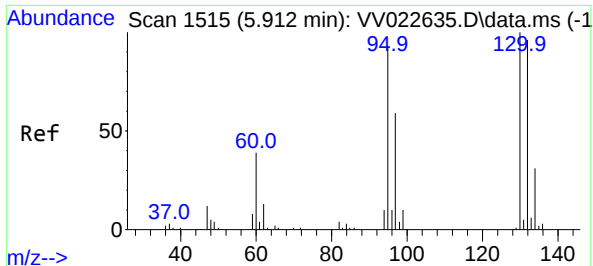
Tgt Ion:117 Resp: 53370
Ion Ratio Lower Upper
117 100
119 97.7 76.9 115.3



#33
Benzene
Concen: 5.173 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Tgt Ion: 78 Resp: 146433

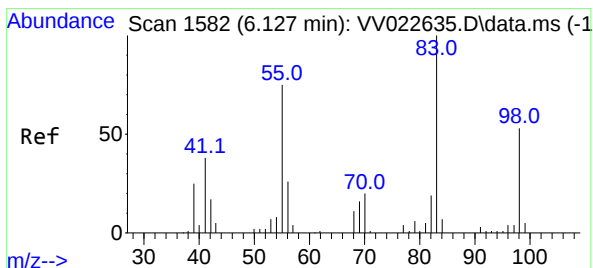
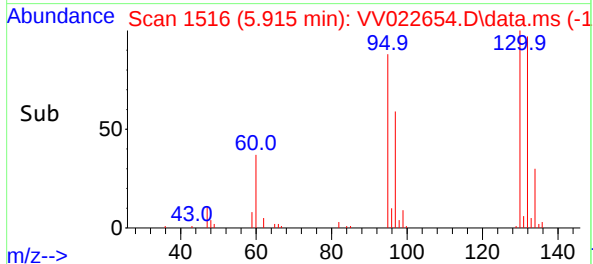
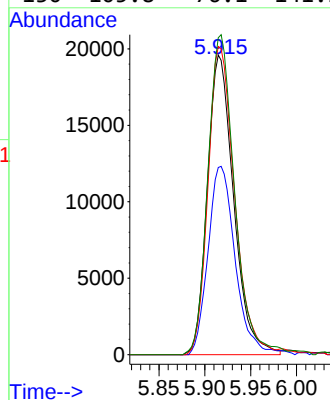
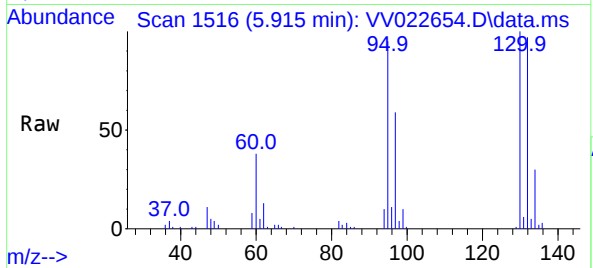




#34
Trichloroethene
Concen: 4.751 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

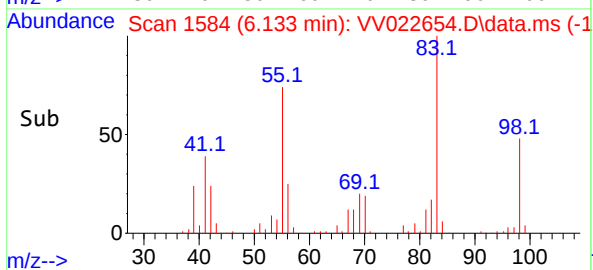
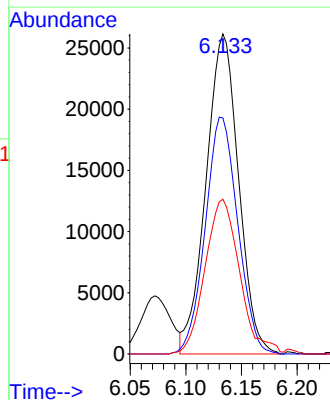
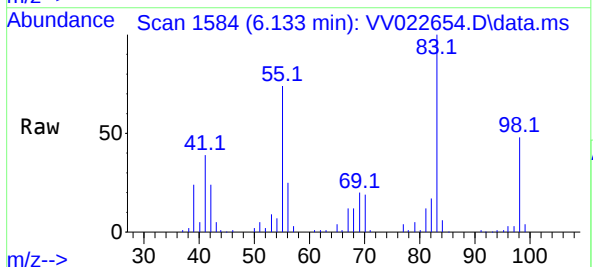
Instrument :
MSVOA_V
ClientSampleId :

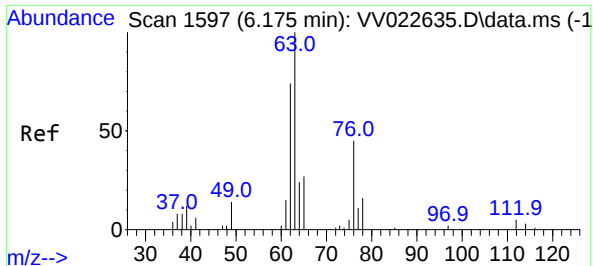
Tgt Ion: 95 Resp: 39082
Ion Ratio Lower Upper
95 100
97 62.5 46.5 86.5
132 102.8 73.0 135.6
130 105.8 76.1 141.3



#35
Methylcyclohexane
Concen: 4.610 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.006 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Tgt Ion: 83 Resp: 53146
Ion Ratio Lower Upper
83 100
55 74.1 57.8 86.8
98 51.3 39.8 59.8

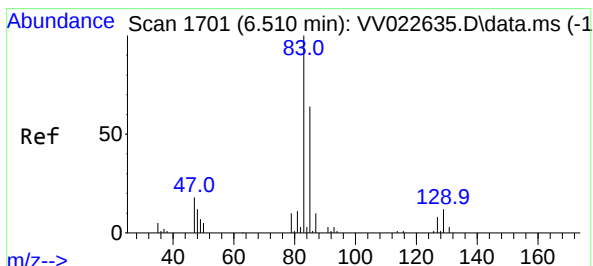
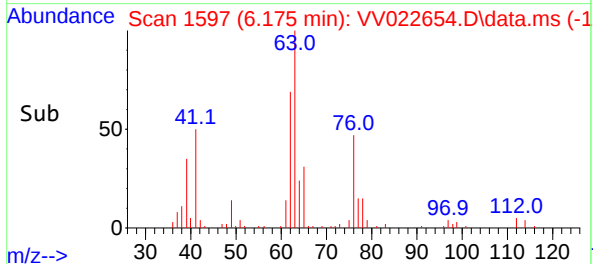
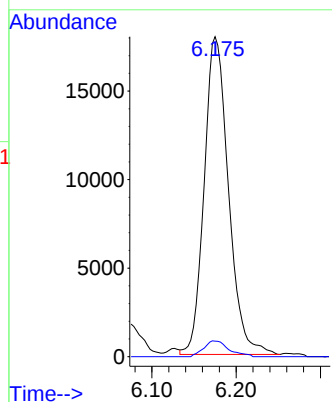
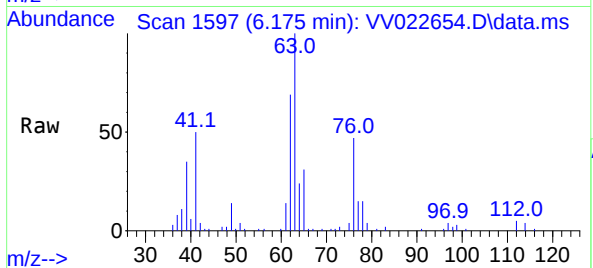




#37
1,2-Dichloropropane
Concen: 5.208 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

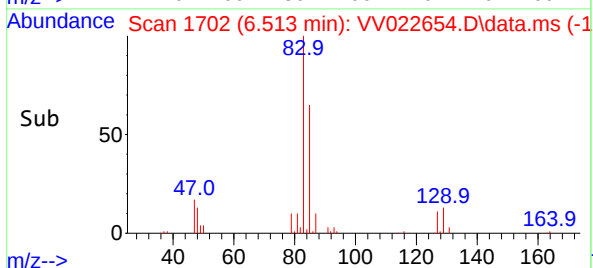
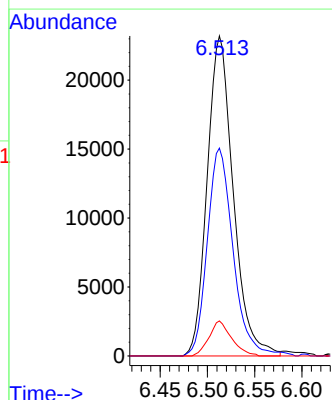
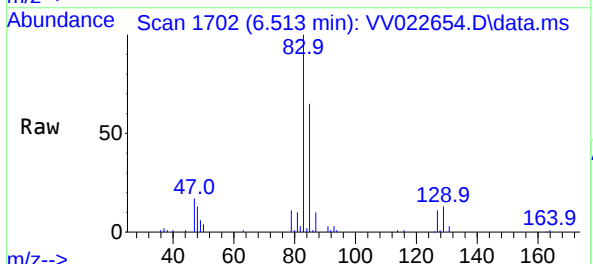
Instrument :
MSVOA_V
ClientSampled :

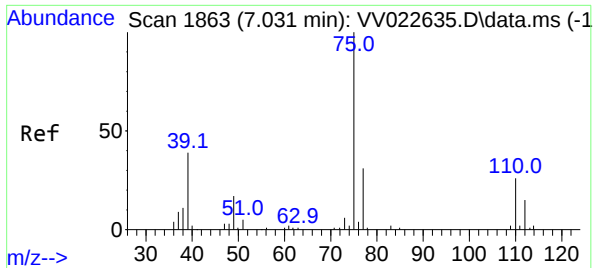
Tgt Ion: 63 Resp: 35992
Ion Ratio Lower Upper
63 100
112 5.1 4.3 6.5



#38
Bromodichloromethane
Concen: 5.086 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Tgt Ion: 83 Resp: 44539
Ion Ratio Lower Upper
83 100
85 64.9 47.2 87.6
127 11.0 7.4 11.2

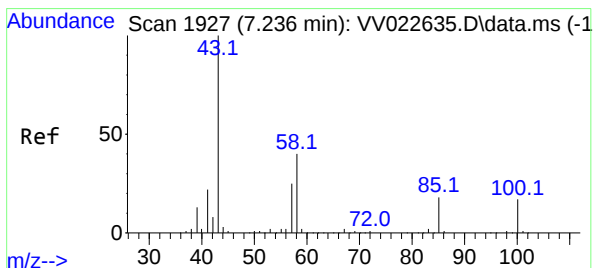
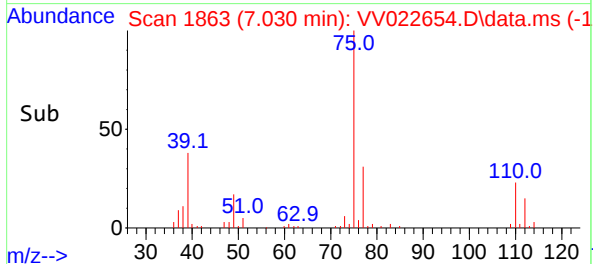
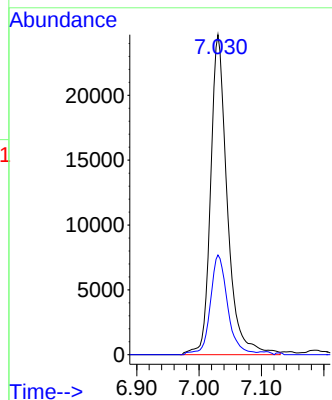
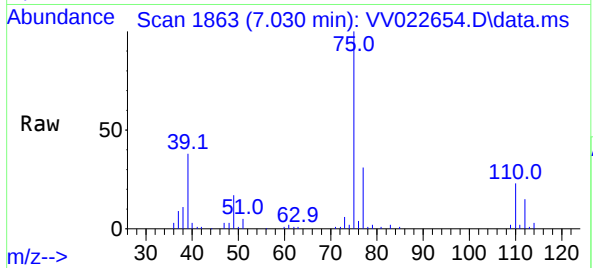




#39
 cis-1,3-Dichloropropene
 Concen: 4.942 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VV022654.D
 Acq: 07 Oct 2021 05:03

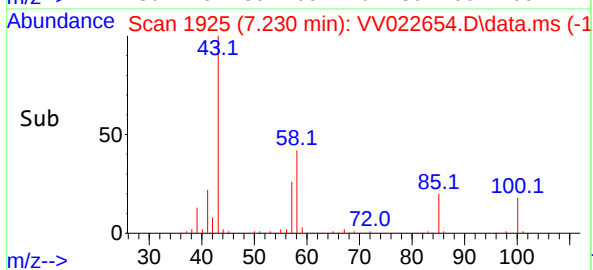
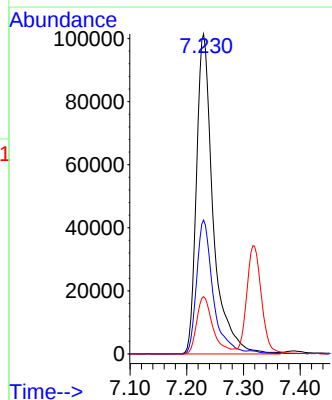
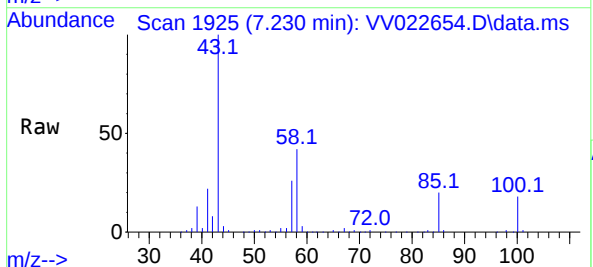
Instrument :
 MSVOA_V
 ClientSampled :

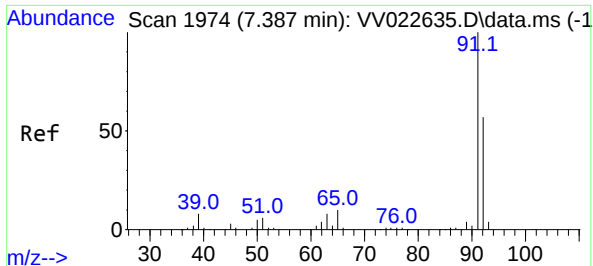
Tgt Ion: 75 Resp: 46026
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 54.473 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. -0.007 min
 Lab File: VV022654.D
 Acq: 07 Oct 2021 05:03

Tgt Ion: 43 Resp: 207218
 Ion Ratio Lower Upper
 43 100
 58 41.3 32.3 48.5
 100 17.4 13.8 20.6





#42

Toluene

Concen: 5.357 ug/L

RT: 7.390 min Scan# 1975

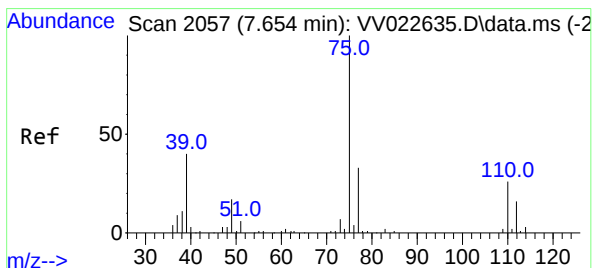
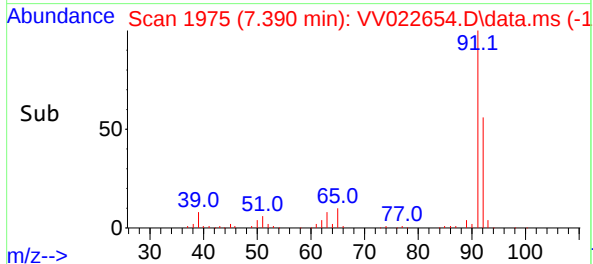
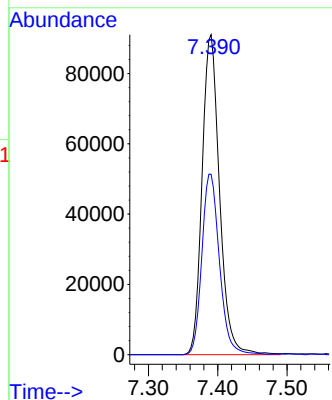
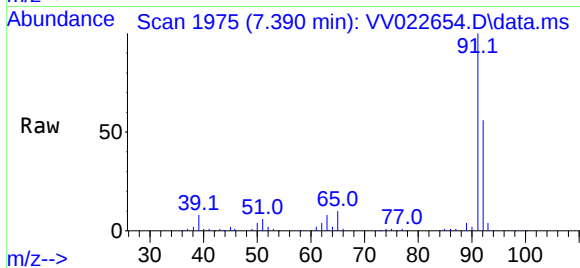
Delta R.T. 0.003 min

Lab File: VV022654.D

Acq: 07 Oct 2021 05:03

Tgt Ion: 91 Resp: 159284

Ion	Ratio	Lower	Upper
91	100		
92	56.4	40.5	75.3



#44

trans-1,3-Dichloropropene

Concen: 4.970 ug/L

RT: 7.654 min Scan# 2057

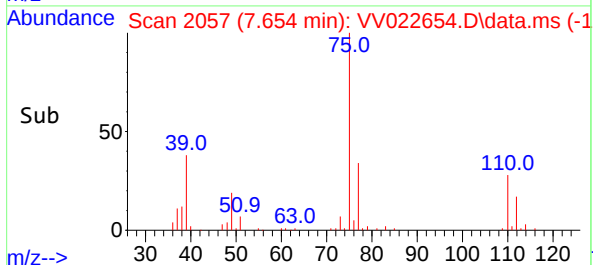
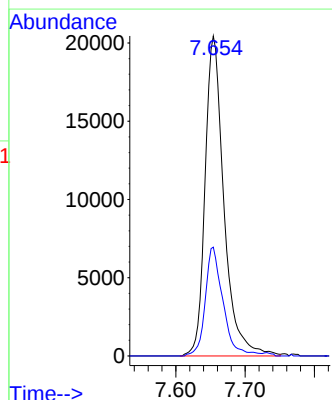
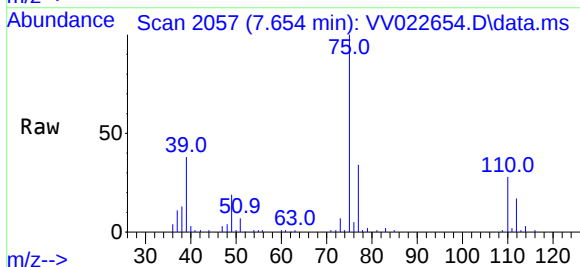
Delta R.T. -0.000 min

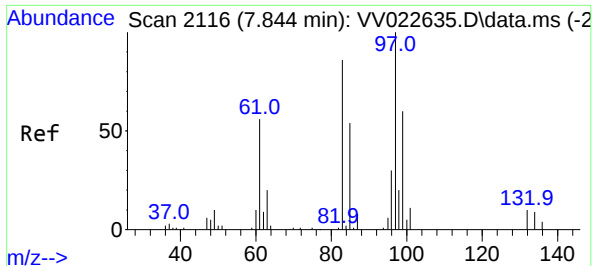
Lab File: VV022654.D

Acq: 07 Oct 2021 05:03

Tgt Ion: 75 Resp: 38642

Ion	Ratio	Lower	Upper
75	100		
77	34.0	21.8	40.6



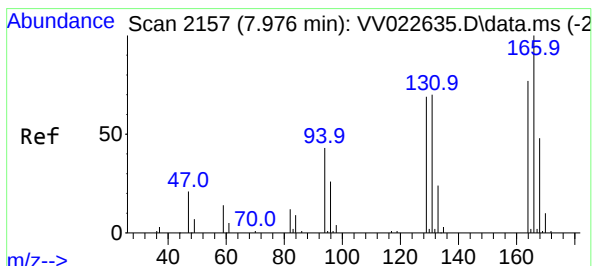
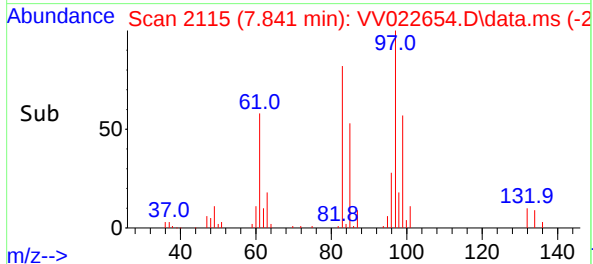
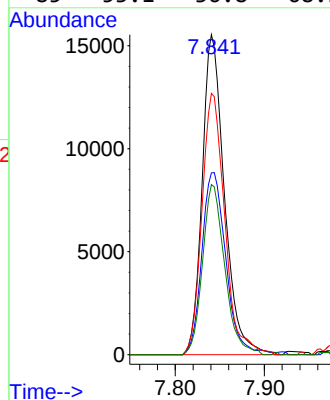
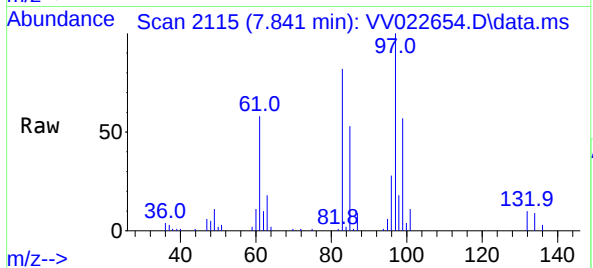


#45
1,1,2-Trichloroethane
Concen: 5.219 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.003 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 26922

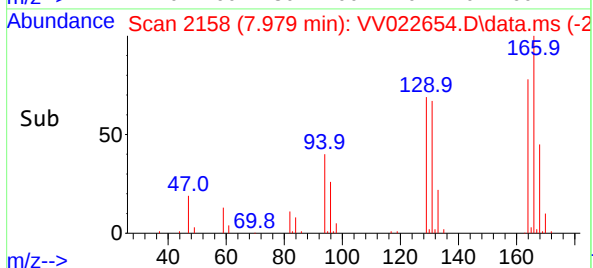
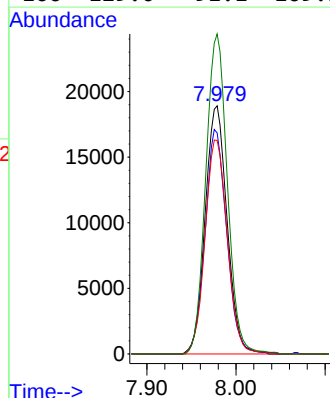
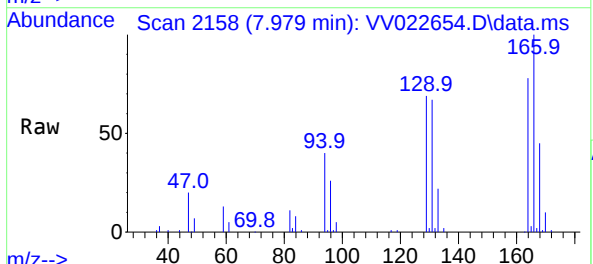
Ion	Ratio	Lower	Upper
97	100		
99	56.8	42.6	79.0
83	81.6	57.7	107.1
85	53.1	36.8	68.3

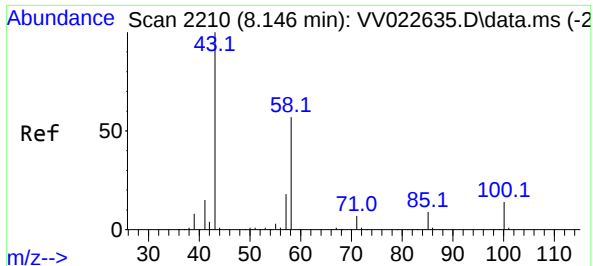


#47
Tetrachloroethene
Concen: 5.048 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Tgt Ion: 164 Resp: 32289

Ion	Ratio	Lower	Upper
164	100		
129	89.0	65.5	121.6
131	86.1	62.4	116.0
166	129.0	91.1	169.3



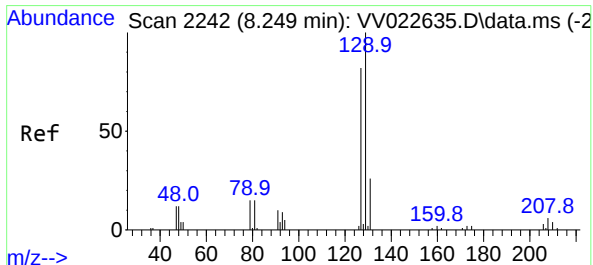
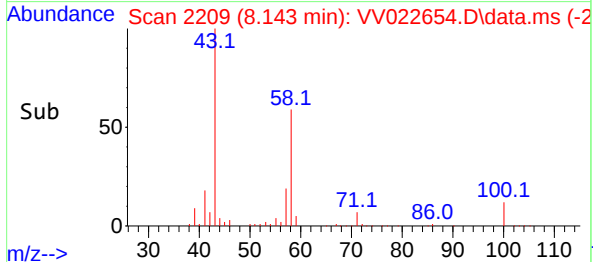
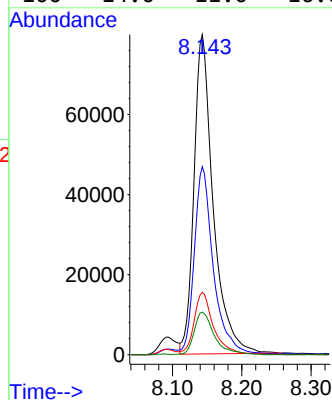
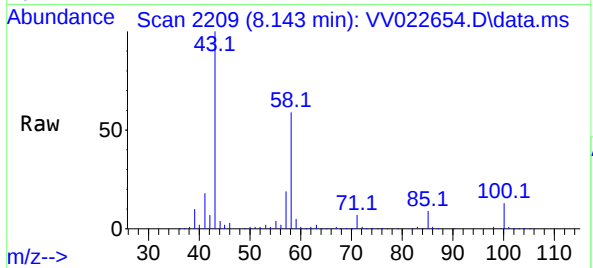


#48
2-Hexanone
Concen: 56.440 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 154459

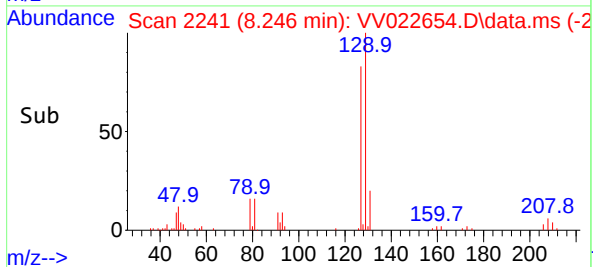
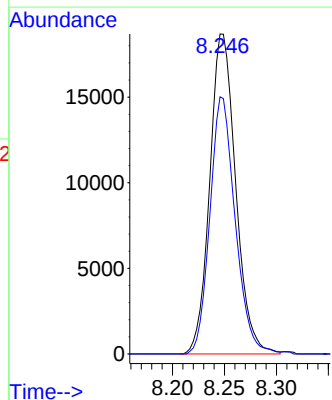
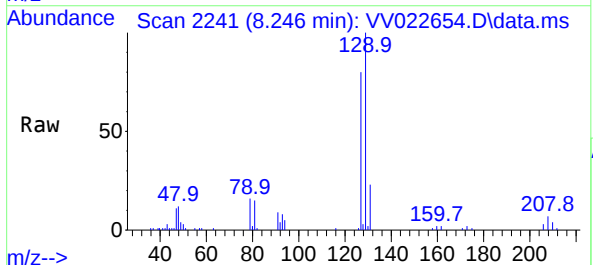
Ion	Ratio	Lower	Upper
43	100		
58	58.0	46.4	69.6
57	19.1	16.3	24.5
100	14.0	11.0	16.6

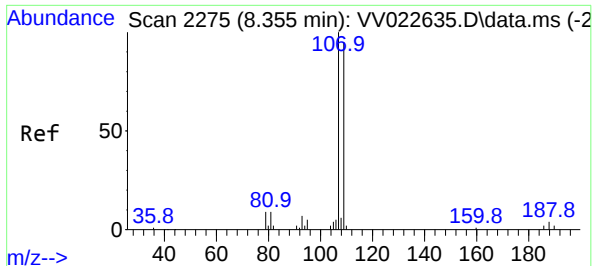


#49
Dibromochloromethane
Concen: 5.345 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Tgt Ion: 129 Resp: 32502

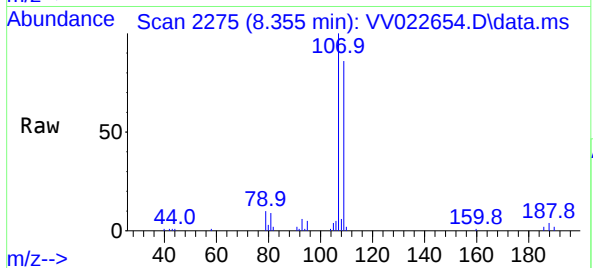
Ion	Ratio	Lower	Upper
129	100		
127	80.4	52.6	97.6



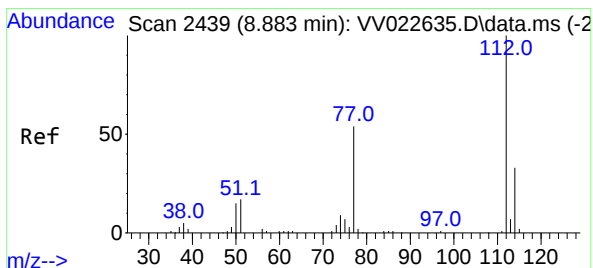
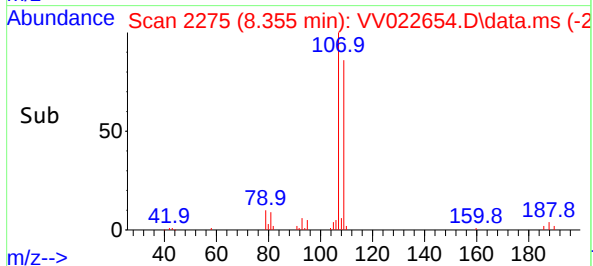
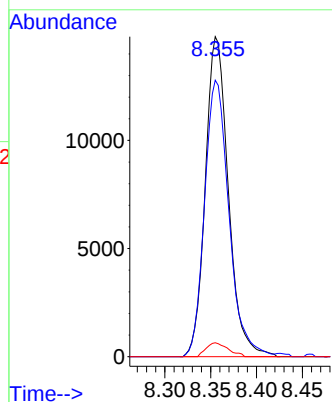


#50
1,2-Dibromoethane
Concen: 5.389 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Instrument :
MSVOA_V
ClientSampleId :

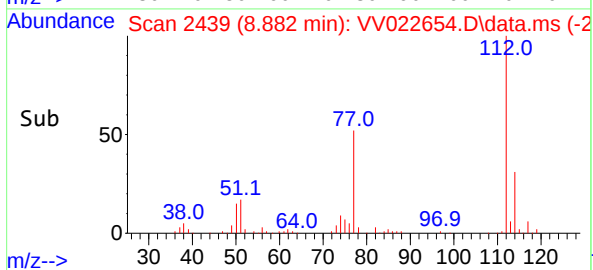
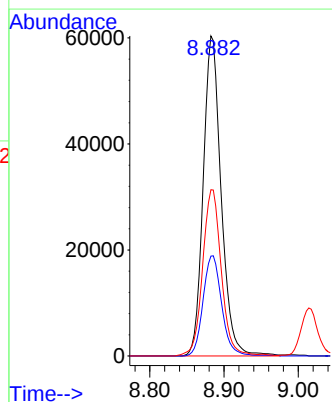
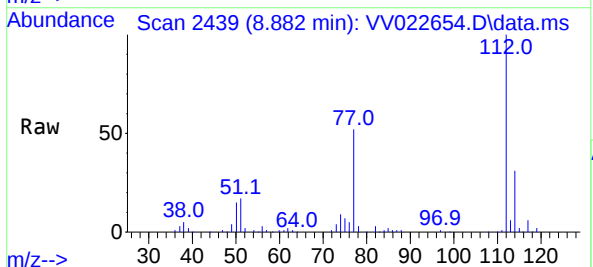


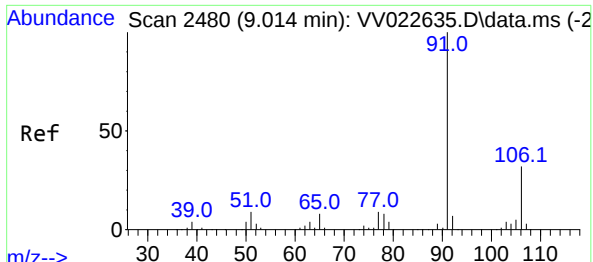
Tgt Ion:107 Resp: 25847
Ion Ratio Lower Upper
107 100
109 86.4 63.2 117.4
188 4.4 3.4 5.2



#51
Chlorobenzene
Concen: 5.212 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Tgt Ion:112 Resp: 101437
Ion Ratio Lower Upper
112 100
114 31.2 21.6 40.2
77 51.9 42.8 64.2

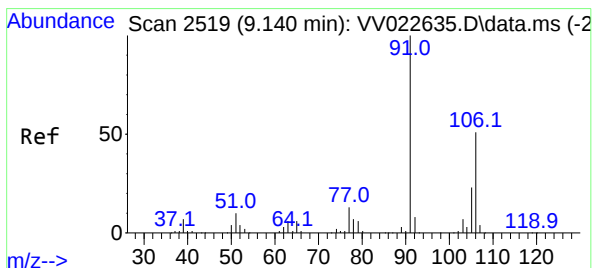
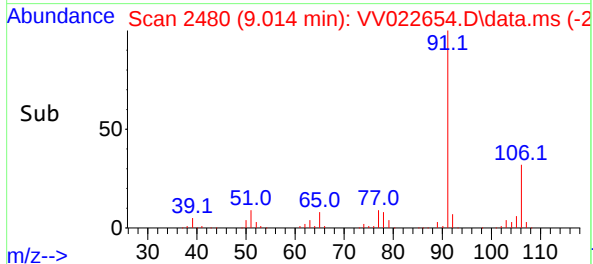
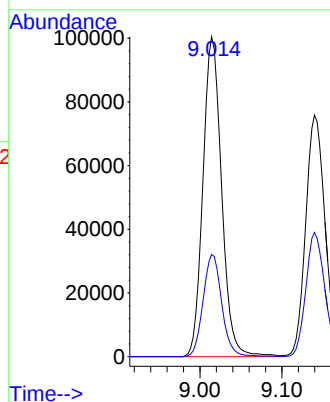
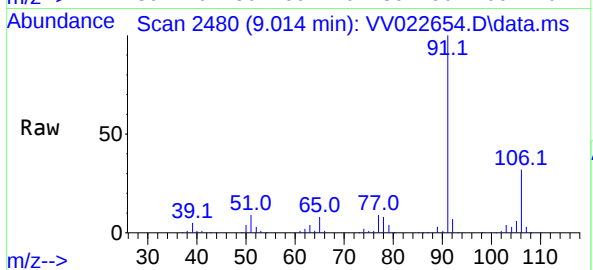




#52
Ethylbenzene
Concen: 5.214 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

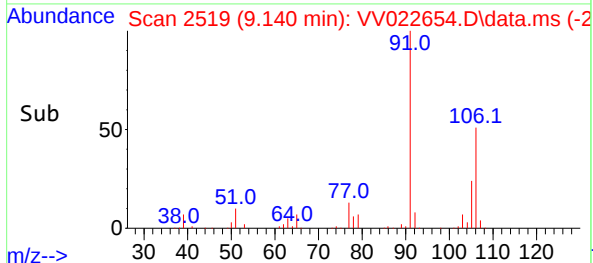
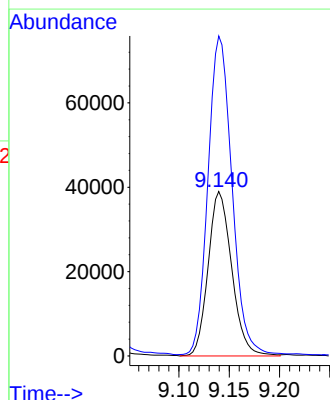
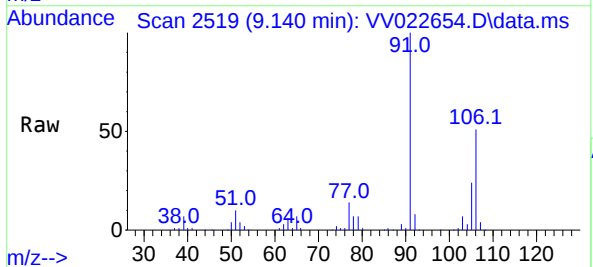
Instrument :
MSVOA_V
ClientSampled :

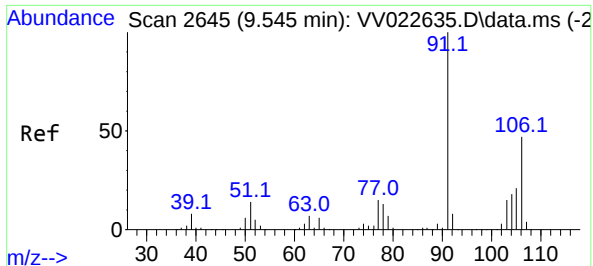
Tgt Ion: 91 Resp: 159124
Ion Ratio Lower Upper
91 100
106 31.9 21.3 39.6



#53
m,p-xylene
Concen: 5.480 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Tgt Ion: 106 Resp: 63764
Ion Ratio Lower Upper
106 100
91 194.5 144.8 269.0

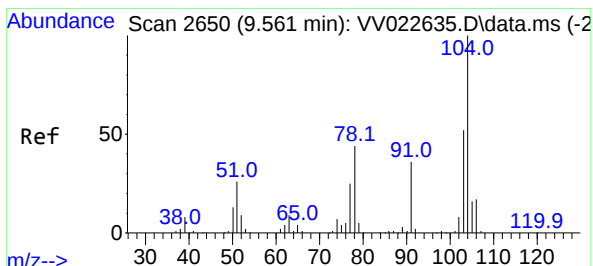
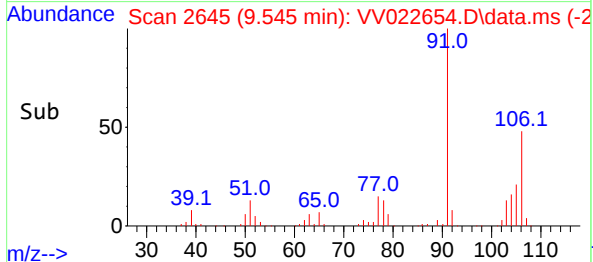
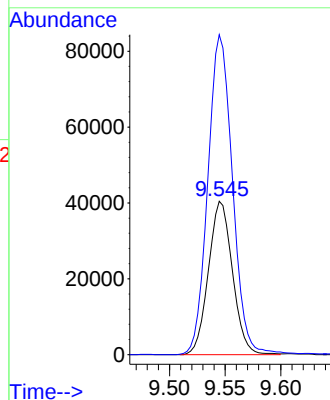
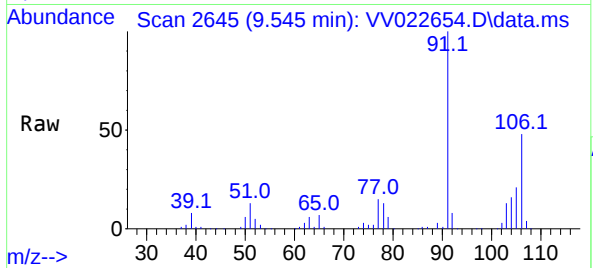




#54
o-xylene
Concen: 5.253 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

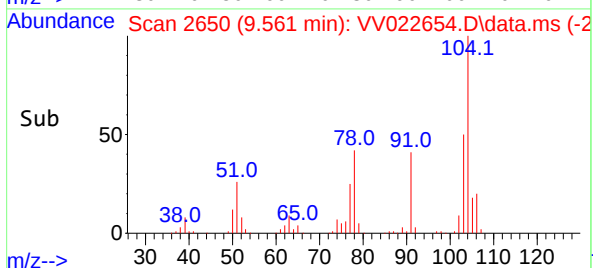
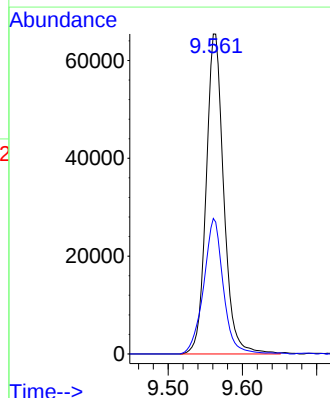
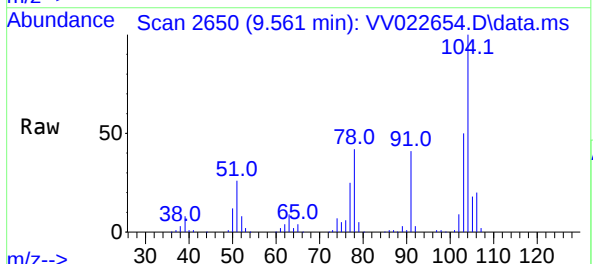
Instrument :
MSVOA_V
ClientSampleId :

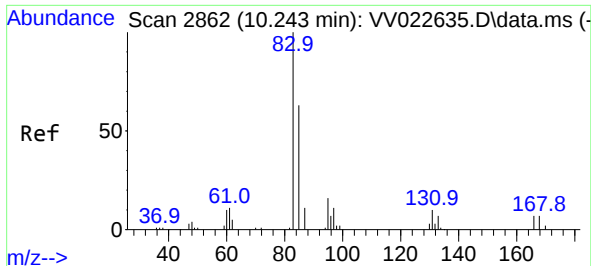
Tgt Ion:106 Resp: 60803
Ion Ratio Lower Upper
106 100
91 208.6 148.8 276.4



#55
Styrene
Concen: 5.467 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Tgt Ion:104 Resp: 107591
Ion Ratio Lower Upper
104 100
78 42.4 28.7 53.3

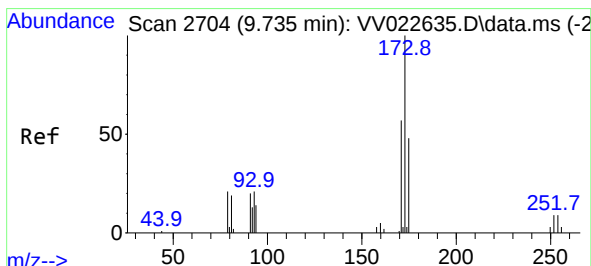
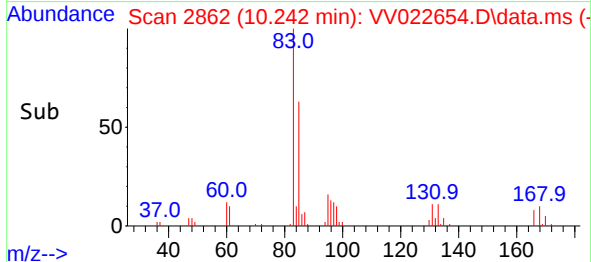
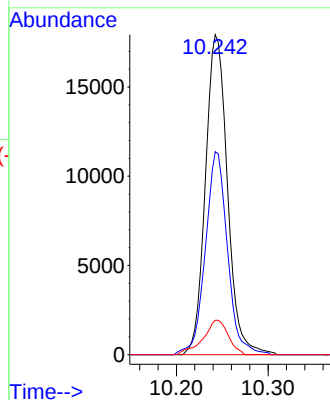
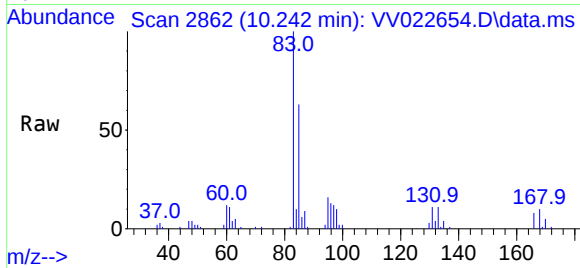




#57
1,1,2,2-Tetrachloroethane
Concen: 5.354 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

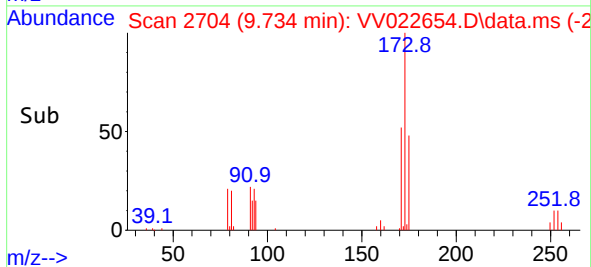
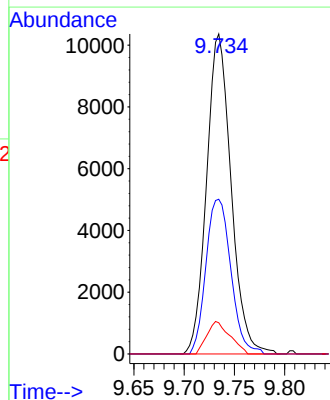
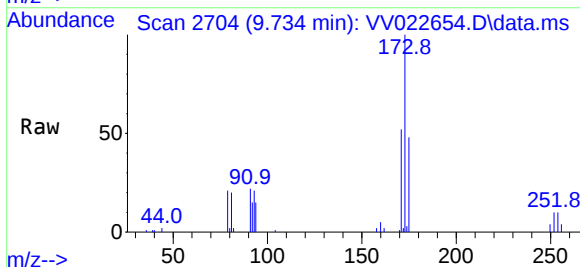
Instrument :
MSVOA_V
ClientSampleId :

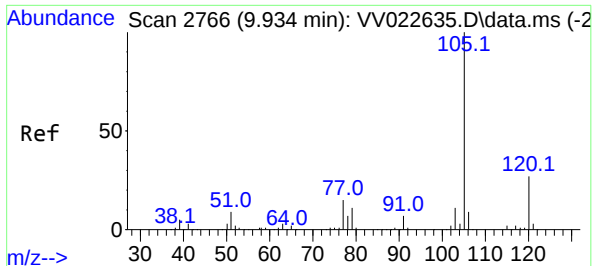
Tgt Ion:	83	Resp:	29969
Ion	Ratio	Lower	Upper
83	100		
85	63.5	46.5	86.3
131	10.8	8.6	13.0



#59
Bromoform
Concen: 5.124 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Tgt Ion:	173	Resp:	17584
Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.0	58.4
254	9.5	7.0	10.4

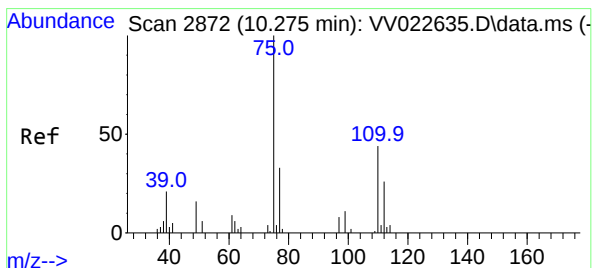
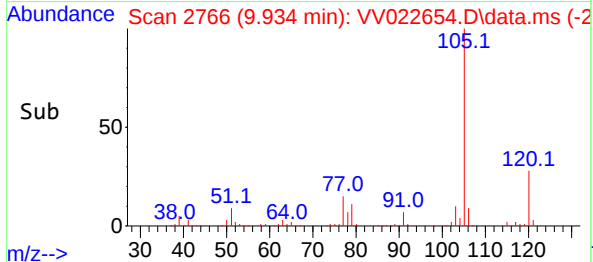
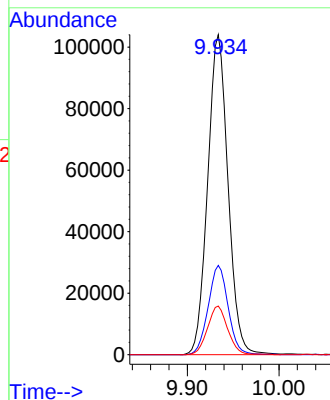
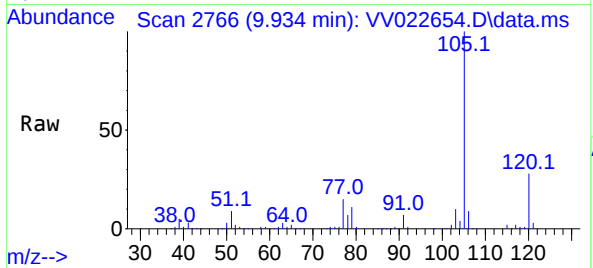




#60
Isopropylbenzene
Concen: 5.097 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

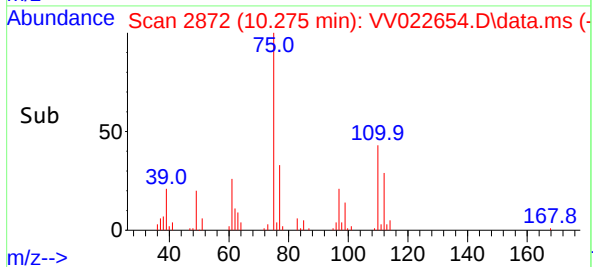
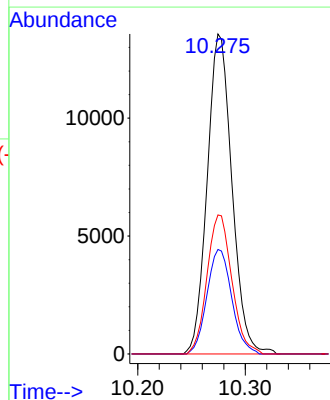
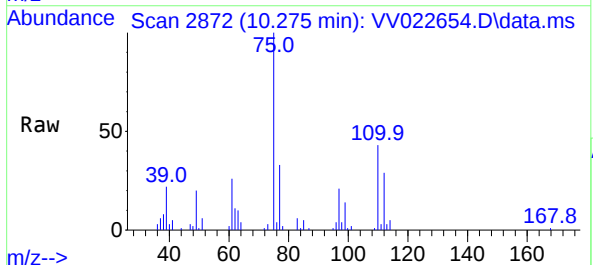
Instrument :
MSVOA_V
ClientSampleId :

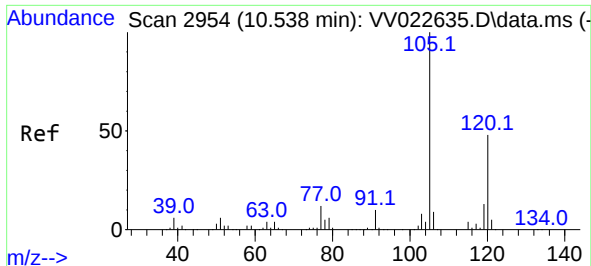
Tgt Ion:105 Resp: 160303
Ion Ratio Lower Upper
105 100
120 27.3 21.6 32.4
77 15.1 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 4.998 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Tgt Ion: 75 Resp: 21672
Ion Ratio Lower Upper
75 100
77 32.7 26.1 39.1
110 43.6 33.0 49.6

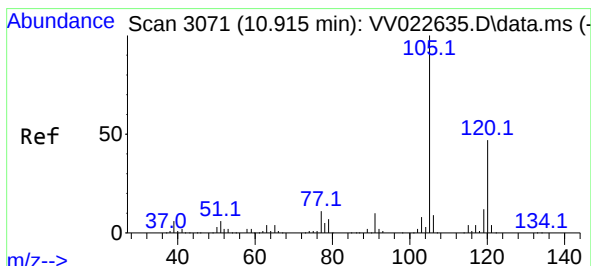
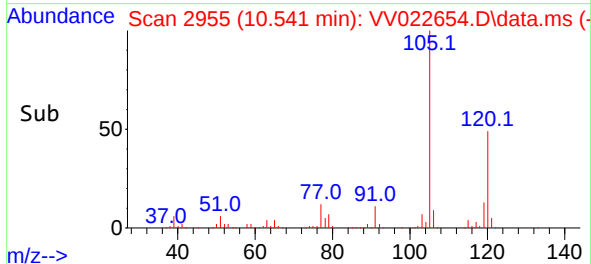
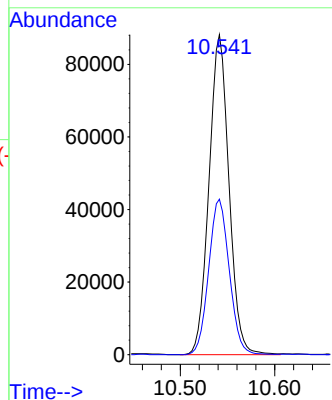
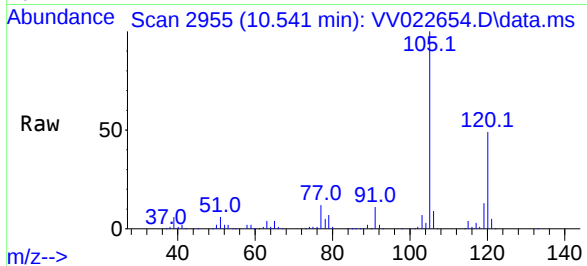




#62
1,3,5-Trimethylbenzene
Concen: 5.078 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

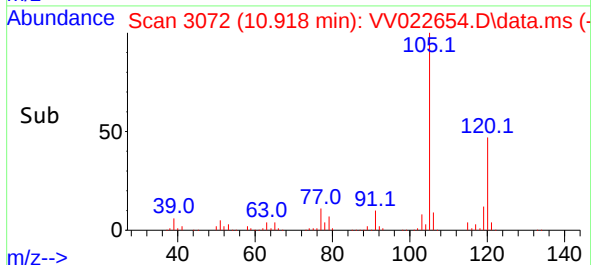
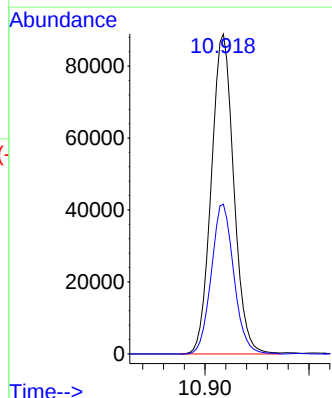
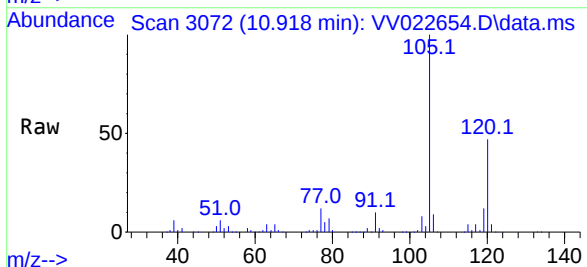
Instrument :
MSVOA_V
ClientSampled :

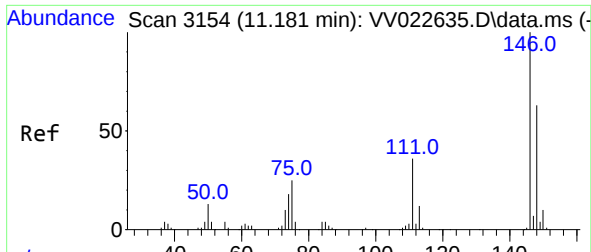
Tgt Ion:105 Resp: 129491
Ion Ratio Lower Upper
105 100
120 50.1 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 5.145 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Tgt Ion:105 Resp: 133291
Ion Ratio Lower Upper
105 100
120 47.0 37.2 55.8

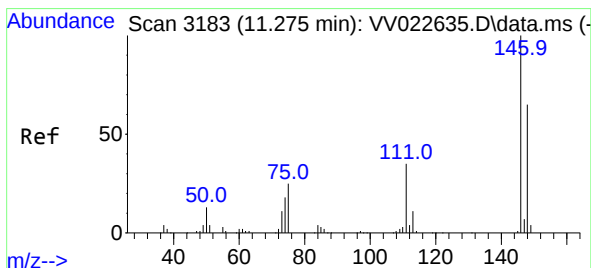
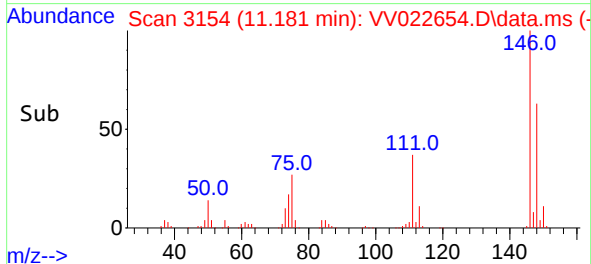
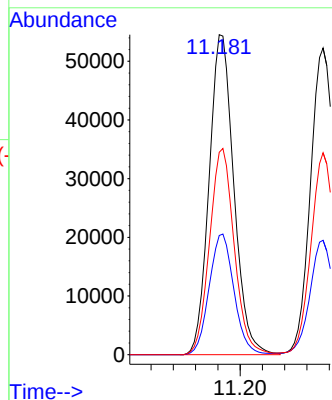
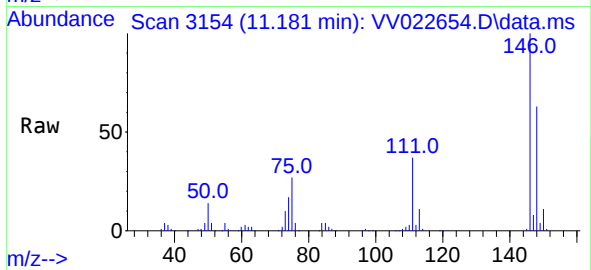




#64
1,3-Dichlorobenzene
Concen: 5.234 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

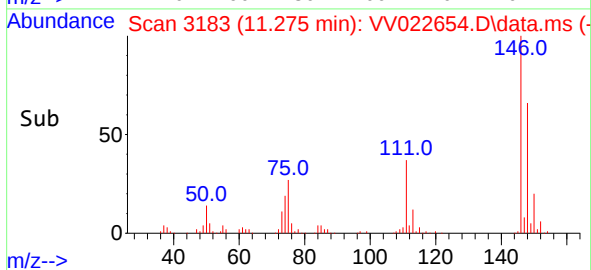
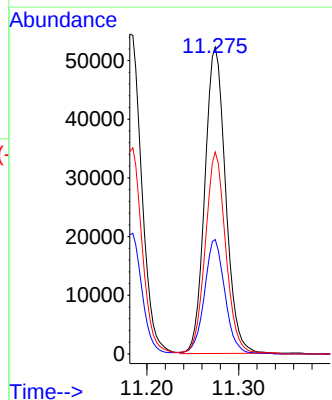
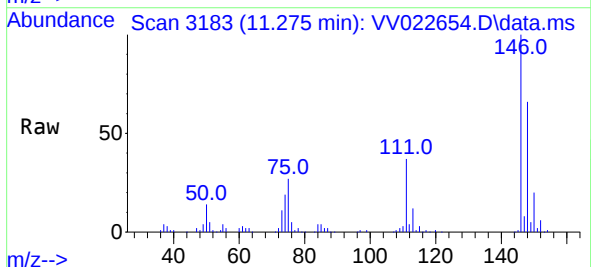
Instrument :
MSVOA_V
ClientSampled :

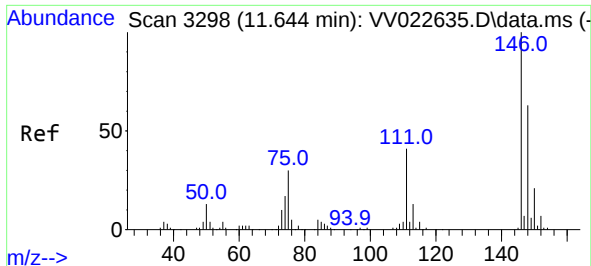
Tgt Ion:146 Resp: 84284
Ion Ratio Lower Upper
146 100
111 37.2 26.8 49.8
148 63.2 45.6 84.8



#65
1,4-Dichlorobenzene
Concen: 4.993 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Tgt Ion:146 Resp: 82235
Ion Ratio Lower Upper
146 100
111 37.3 24.5 45.5
148 65.8 45.0 83.6

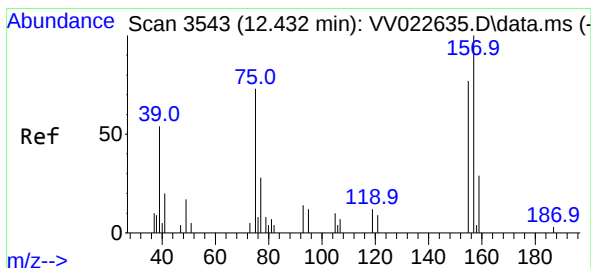
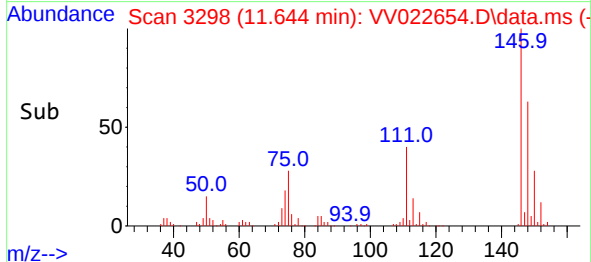
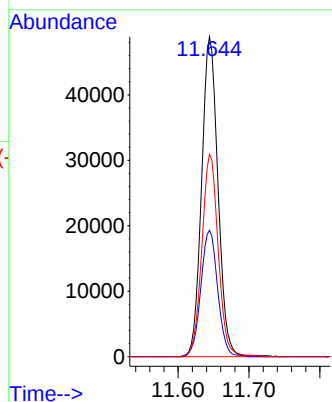
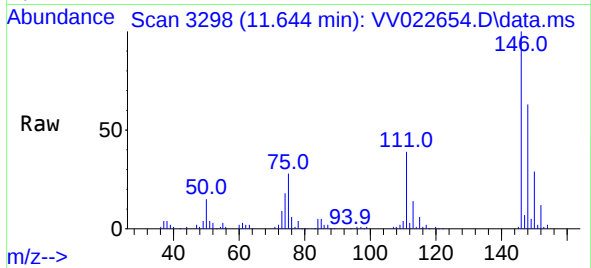




#67
1,2-Dichlorobenzene
Concen: 5.218 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

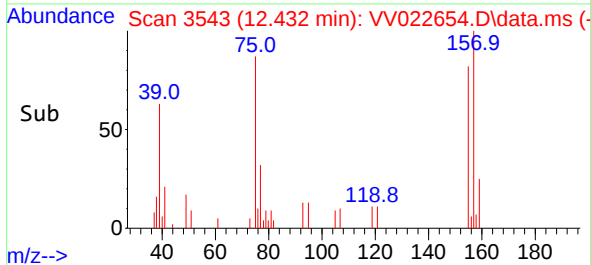
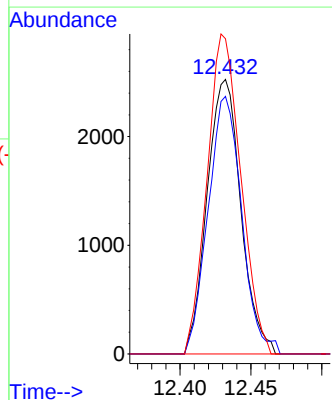
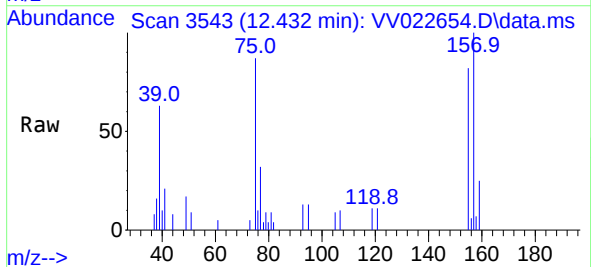
Instrument :
MSVOA_V
ClientSampled :

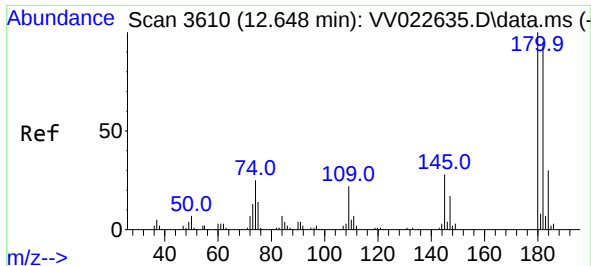
Tgt Ion:146 Resp: 78280
Ion Ratio Lower Upper
146 100
111 39.5 31.6 47.4
148 63.3 49.0 73.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.053 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. -0.000 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Tgt Ion: 75 Resp: 4188
Ion Ratio Lower Upper
75 100
155 93.8 77.4 116.2
157 114.8 104.7 157.1

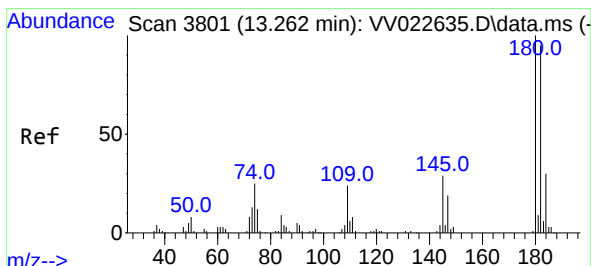
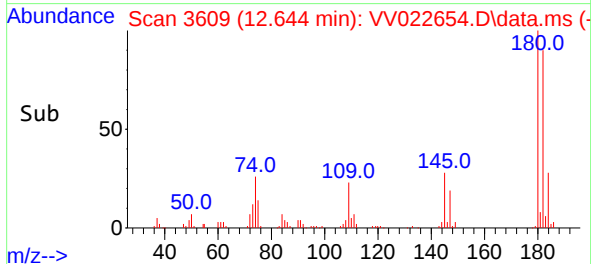
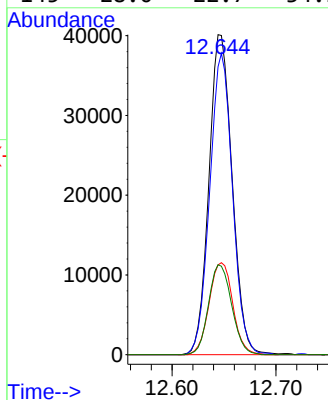
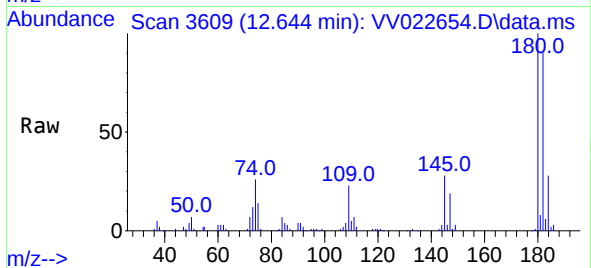




#69
1,3,5-Trichlorobenzene
Concen: 5.171 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

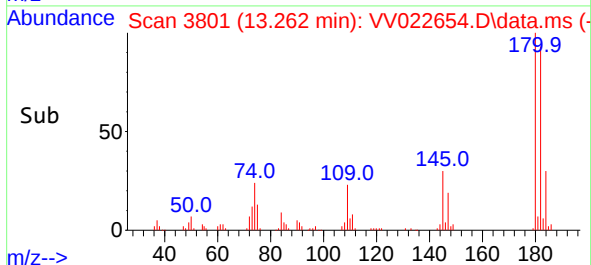
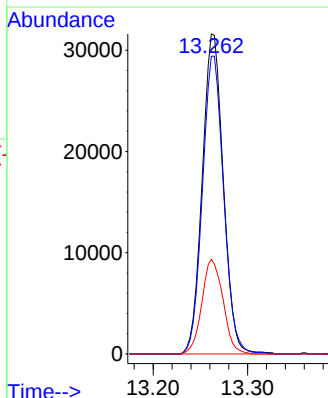
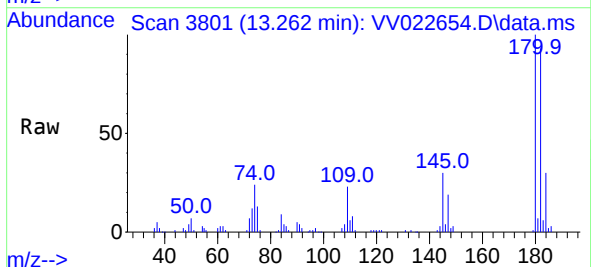
Instrument :
MSVOA_V
ClientSampled :

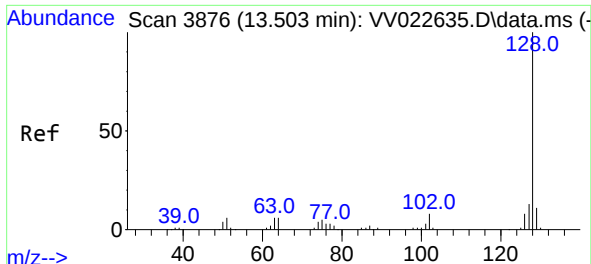
Tgt Ion:180 Resp: 62328
Ion Ratio Lower Upper
180 100
182 92.3 77.0 115.6
184 29.4 25.0 37.6
145 28.0 22.7 34.1



#70
1,2,4-trichlorobenzene
Concen: 5.063 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

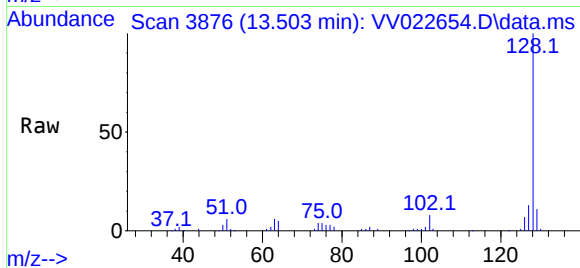
Tgt Ion:180 Resp: 48976
Ion Ratio Lower Upper
180 100
182 93.4 77.1 115.7
145 29.6 22.8 34.2





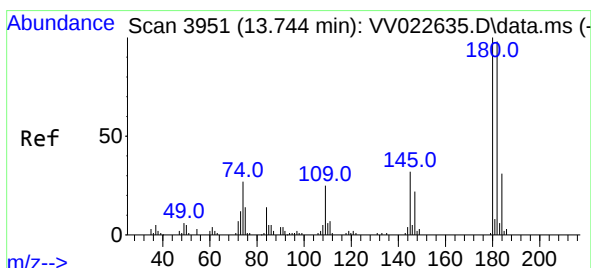
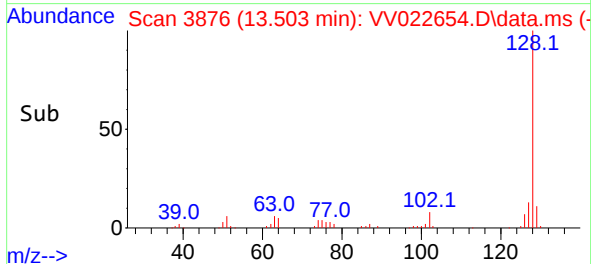
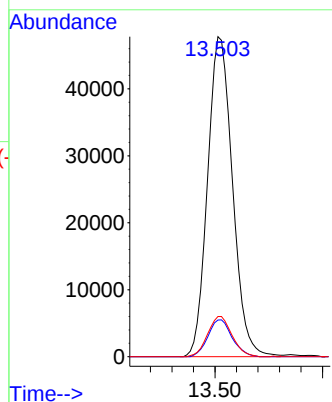
#71
Naphthalene
Concen: 4.853 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03

Instrument :
MSVOA_V
ClientSampled :

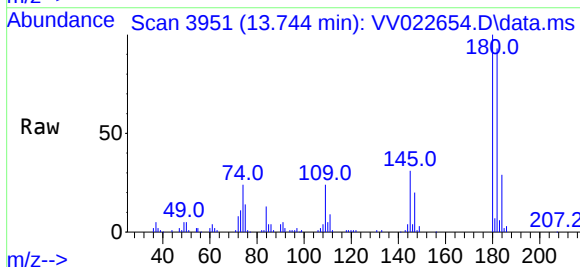


Tgt Ion:128 Resp: 76919

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.3	12.5
127	12.2	10.2	15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.351 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022654.D
Acq: 07 Oct 2021 05:03



Tgt Ion:180 Resp: 47572

Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.4	113.0
145	30.6	24.4	36.6

