

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101521\
 Data File : VW020544.D
 Acq On : 15 Oct 2021 19:23
 Operator : SY/VA
 Sample : M4213-03MSD
 Misc : 3.44g/10mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 16 06:58:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 16 06:56:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	172016	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	131720	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	37963	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	65751	26.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.080%
7) Chloroethane-d5	2.879	69	38895	29.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.680%
11) 1,1-Dichloroethene-d2	4.013	63	129159	25.183	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.720%
21) 2-Butanone-d5	7.086	46	28634	37.590	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.180%
24) Chloroform-d	7.653	84	146528	26.723	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.880%
26) 1,2-Dichloroethane-d4	8.311	65	78445	25.049	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	8.275	84	263174	30.374	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.480%
36) 1,2-Dichloropropane-d6	9.274	67	86816	30.744	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.960%#
41) Toluene-d8	10.323	98	219373	28.218	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.880%
43) trans-1,3-Dichloroprop...	10.579	79	28298	24.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.640%
47) 2-Hexanone-d5	10.927	63	19427	44.722	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.440%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	50941	23.866	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	33545	22.589	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	29259	26.322	ug/L	98
3) Chloromethane	2.209	50	60514	26.182	ug/L	98
5) Vinyl chloride	2.355	62	80541	24.776	ug/L	99
6) Bromomethane	2.770	94	30909	21.891	ug/L	92
8) Chloroethane	2.910	64	32683	27.228	ug/L	95
9) Trichlorofluoromethane	2.351	101	45807	24.766	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	60017	22.753	ug/L	99
12) 1,1-Dichloroethene	4.032	96	60132	24.863	ug/L #	83
13) Acetone	4.135	43	36868	52.717	ug/L	100
14) Carbon disulfide	4.385	76	131329	16.694	ug/L	99
15) Methyl Acetate	4.678	43	25772	19.844	ug/L	98
16) Methylene chloride	4.915	84	86043	25.731	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	59357	23.392	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	94435	26.415	ug/L	98
19) 1,1-Dichloroethane	6.214	63	136952	26.327	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	65103	24.684	ug/L	96
22) 2-Butanone	7.177	43	45190	51.620	ug/L	95
23) Bromochloromethane	7.513	128	28016	24.219	ug/L	96
25) Chloroform	7.677	83	130491	25.804	ug/L	99

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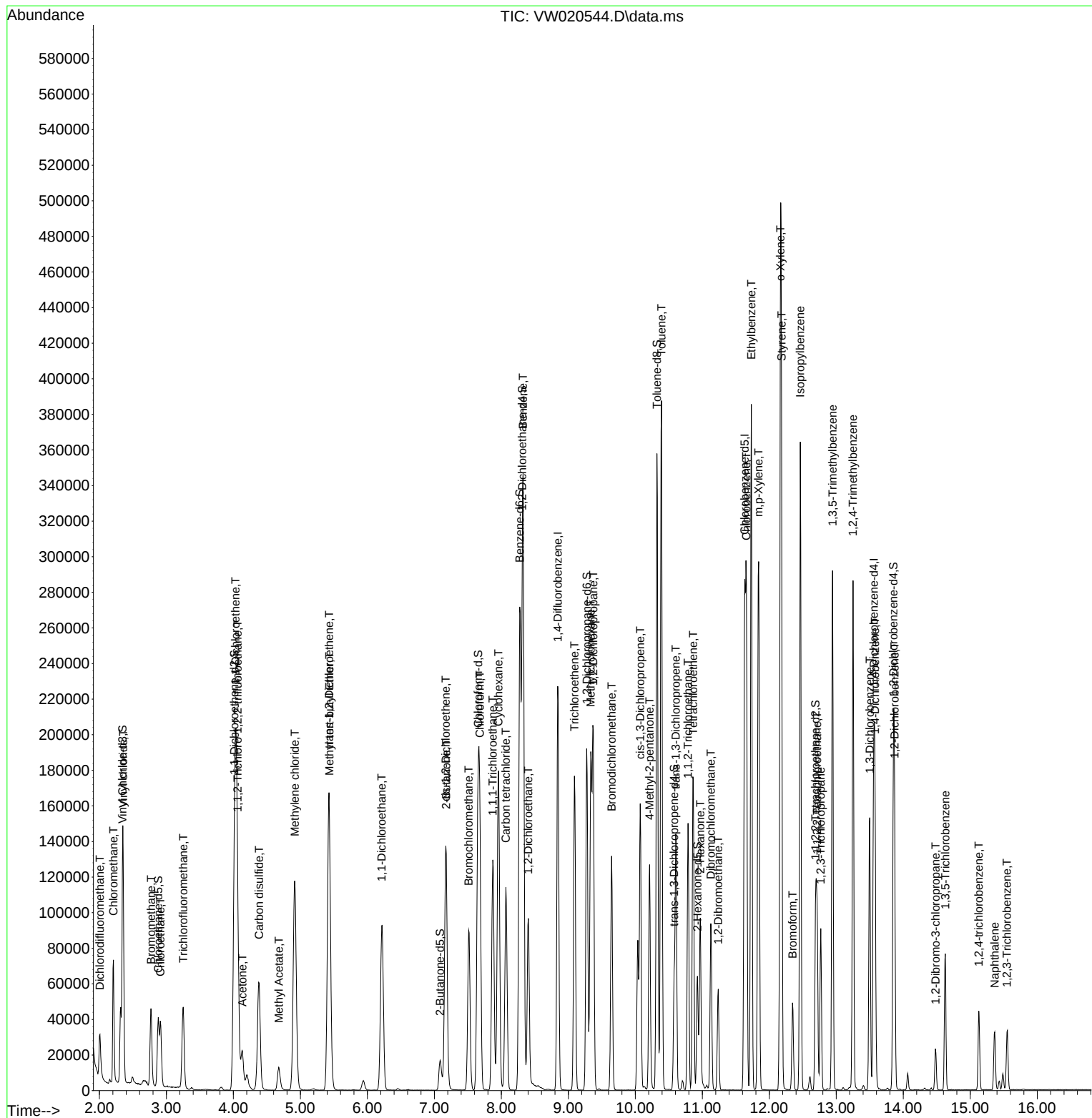
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	86325	24.958	ug/L	99
29) Cyclohexane	7.958	56	93775	24.317	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	101414	30.992	ug/L	99
31) Carbon tetrachloride	8.067	117	81642	28.378	ug/L	99
33) Benzene	8.323	78	285349	30.415	ug/L	100
34) Trichloroethene	9.092	95	62242	26.929	ug/L	95
35) Methylcyclohexane	9.335	83	67014	16.943	ug/L	99
37) 1,2-Dichloropropane	9.372	63	73808	30.379	ug/L	99
38) Bromodichloromethane	9.646	83	84783	29.105	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	85222	25.423	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	85925	58.924	ug/L	99
42) Toluene	10.390	91	267591	28.435	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	74291	25.140	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	43819	28.090	ug/L	98
46) Tetrachloroethene	10.866	164	38779	23.359	ug/L	97
48) 2-Hexanone	10.969	43	69284	64.758	ug/L	91
49) Dibromochloromethane	11.128	129	46164	26.861	ug/L	100
50) 1,2-Dibromoethane	11.238	107	36688	25.604	ug/L	98
51) Chlorobenzene	11.658	112	132189	22.779	ug/L	98
52) Ethylbenzene	11.731	91	254160	24.906	ug/L	97
53) m,p-Xylene	11.841	106	88815	23.490	ug/L	95
54) o-Xylene	12.164	106	85892	24.598	ug/L	100
55) Styrene	12.182	104	131684	21.569	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	44597	23.061	ug/L	97
59) Bromoform	12.347	173	20966	39.423	ug/L	97
60) Isopropylbenzene	12.463	105	208209	37.367	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	35435	42.369	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	144163	31.689	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	141295	31.355	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	57338	23.783	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	57689	23.134	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	51392	23.267	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	6026	33.921	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	22018	12.808	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	12894	9.472	ug/L	98
71) Naphthalene	15.365	128	26841	10.967	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	10630	8.891	ug/L	99

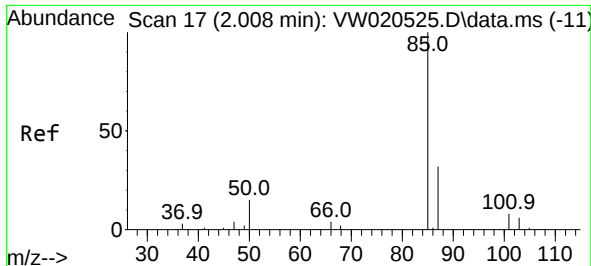
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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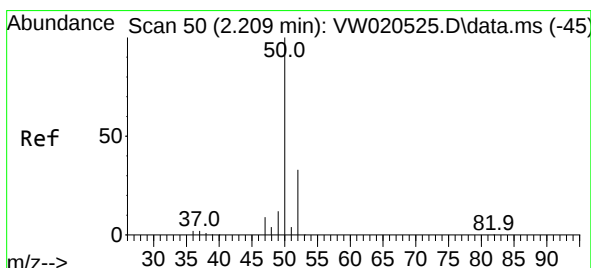
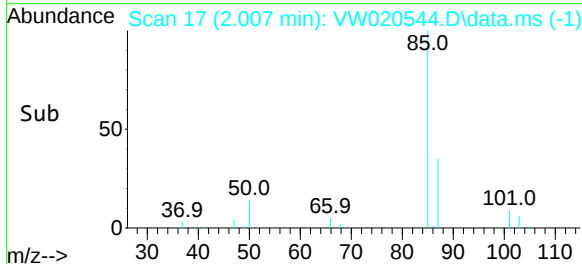
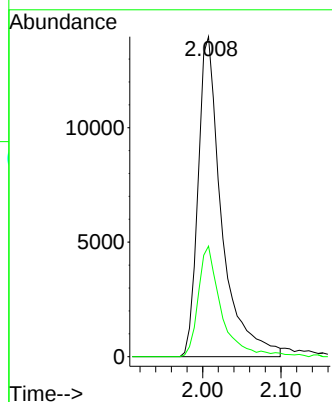
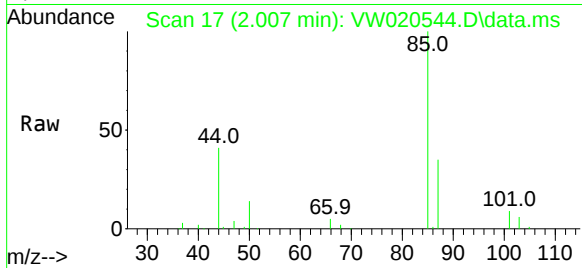




#2
Dichlorodifluoromethane
Concen: 26.322 ug/L
RT: 2.007 min Scan# 17
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

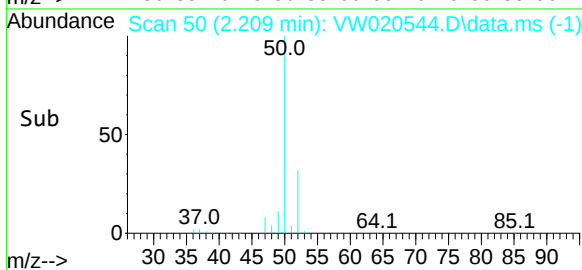
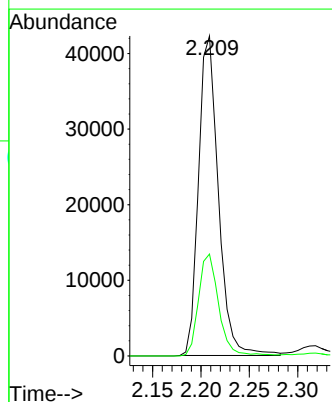
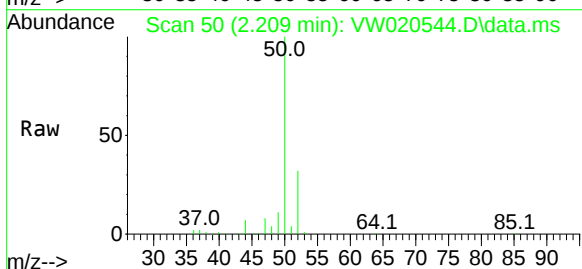
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MSVOA_W
ClientSampled :

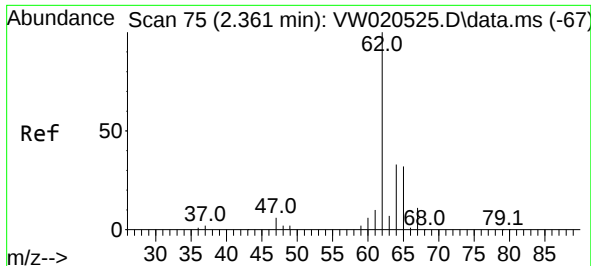
Tgt Ion: 85 Resp: 29259
Ion Ratio Lower Upper
85 100
87 32.4 24.9 37.3



#3
Chloromethane
Concen: 26.182 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

Tgt Ion: 50 Resp: 60514
Ion Ratio Lower Upper
50 100
52 31.9 21.5 39.9

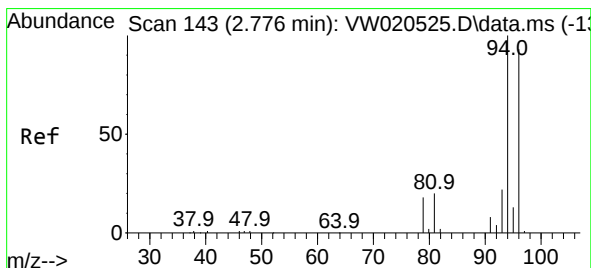
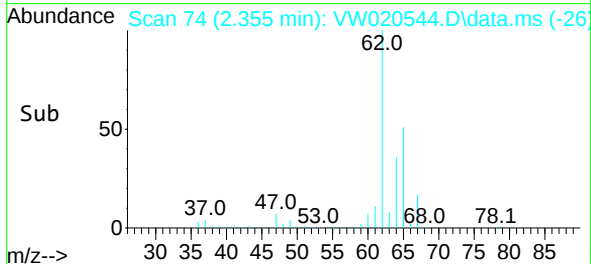
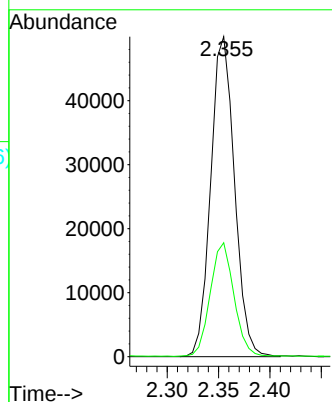
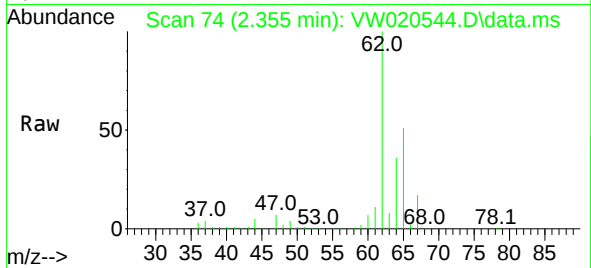




#5
 Vinyl chloride
 Concen: 24.776 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW020544.D
 Acq: 15 Oct 2021 19:23

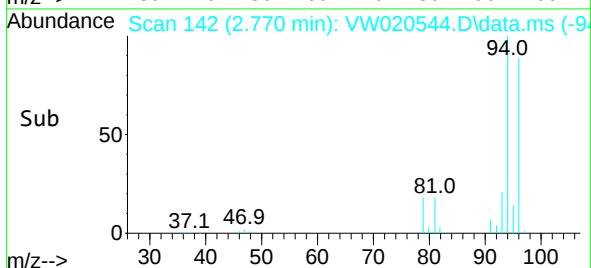
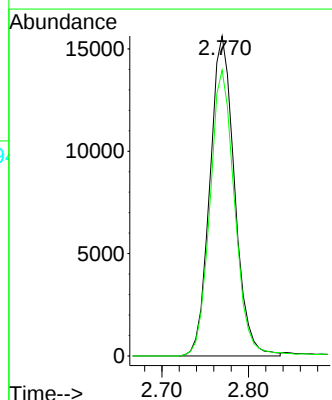
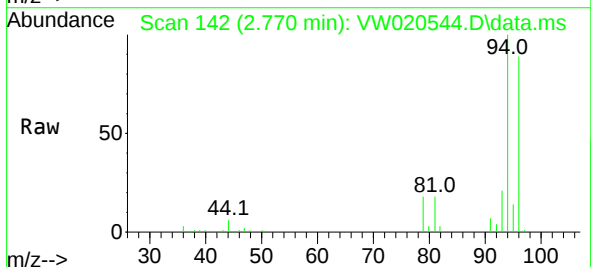
Instrument :
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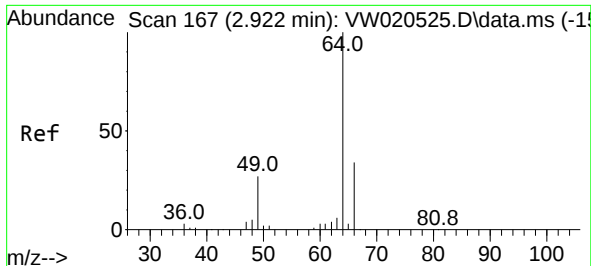
Tgt Ion: 62 Resp: 80541
 Ion Ratio Lower Upper
 62 100
 64 35.6 24.6 45.6



#6
 Bromomethane
 Concen: 21.891 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW020544.D
 Acq: 15 Oct 2021 19:23

Tgt Ion: 94 Resp: 30909
 Ion Ratio Lower Upper
 94 100
 96 89.4 67.8 126.0

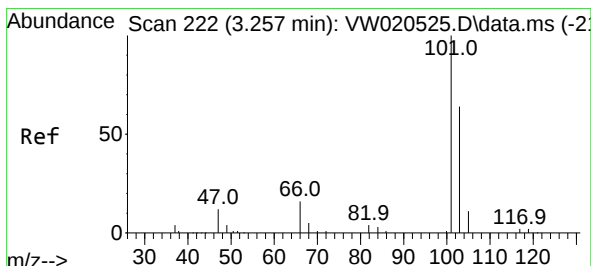
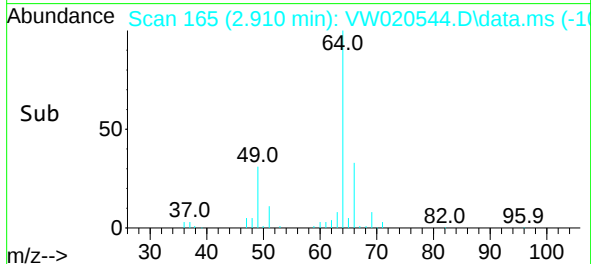
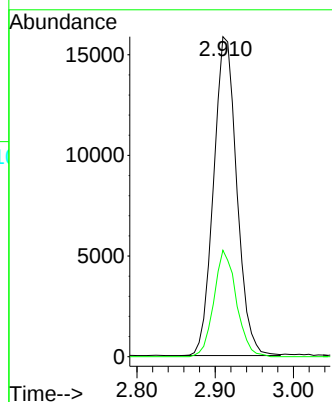
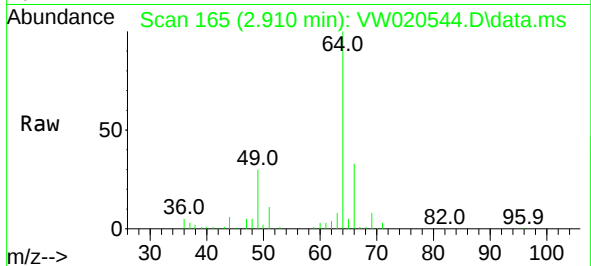




#8
Chloroethane
Concen: 27.228 ug/L
RT: 2.910 min Scan# 165
Delta R.T. -0.012 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

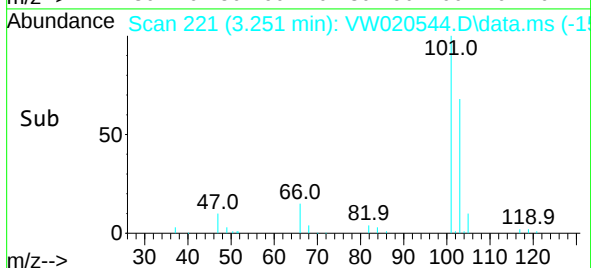
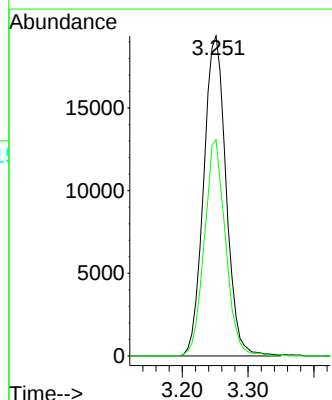
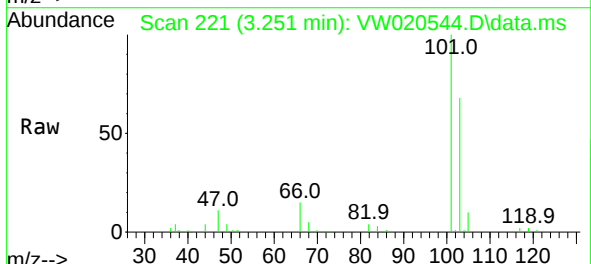
Instrument :
MSVOA_W
ClientSampled :

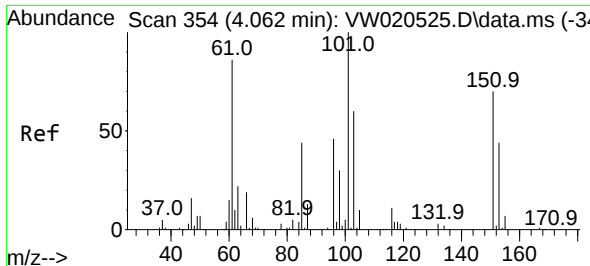
Tgt Ion: 64 Resp: 32683
Ion Ratio Lower Upper
64 100
66 33.2 21.2 39.4



#9
Trichlorofluoromethane
Concen: 24.766 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

Tgt Ion:101 Resp: 45807
Ion Ratio Lower Upper
101 100
103 63.5 52.2 78.4

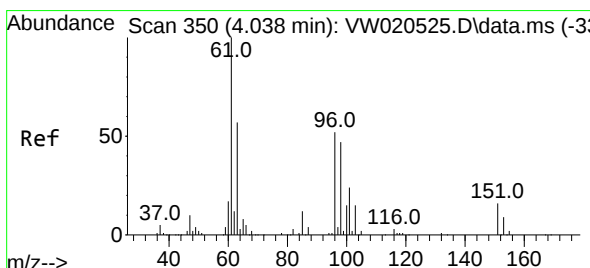
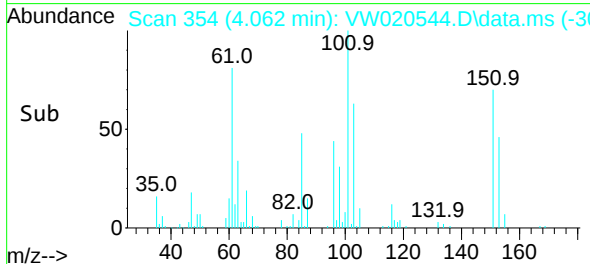
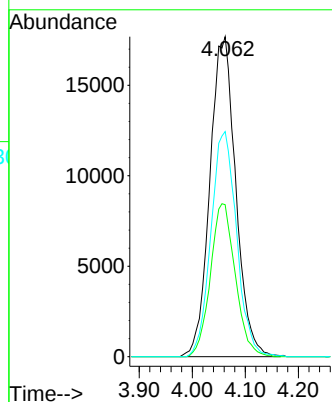
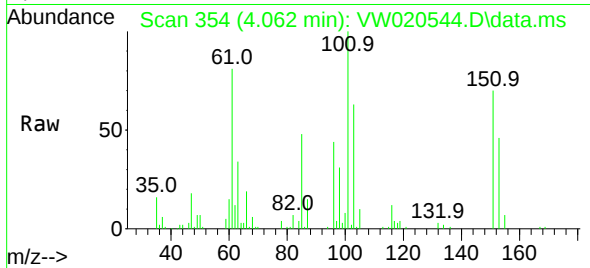




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.753 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW020544.D
 Acq: 15 Oct 2021 19:23

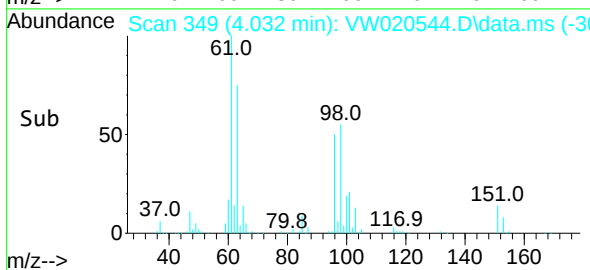
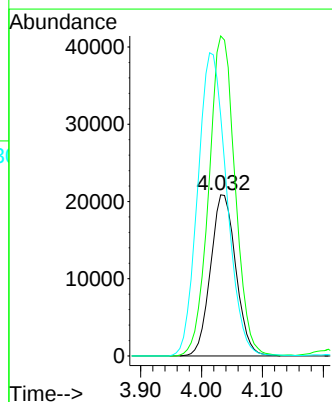
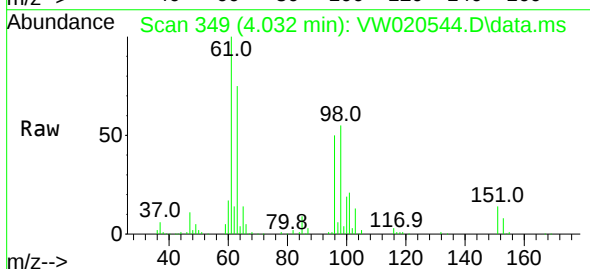
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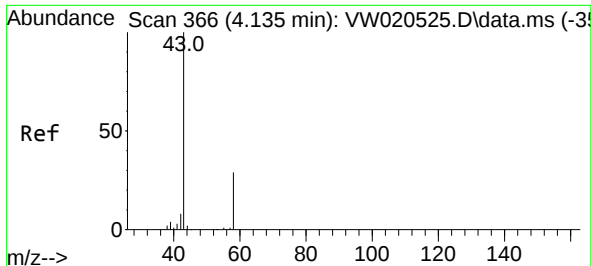
Tgt Ion:101 Resp: 60017
 Ion Ratio Lower Upper
 101 100
 85 45.9 36.3 54.5
 151 69.8 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 24.863 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW020544.D
 Acq: 15 Oct 2021 19:23

Tgt Ion: 96 Resp: 60132
 Ion Ratio Lower Upper
 96 100
 61 198.7 133.9 248.7
 63 149.3 77.3 143.7#

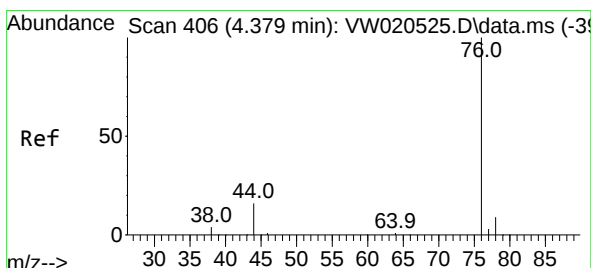
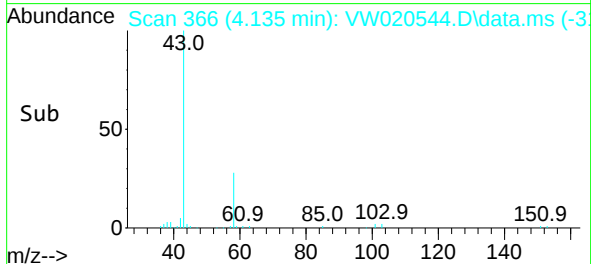
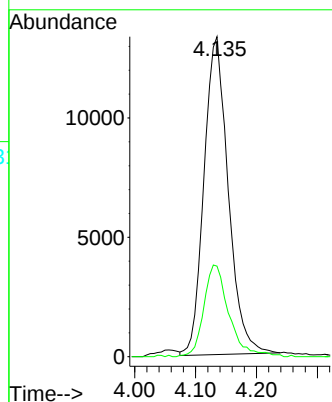
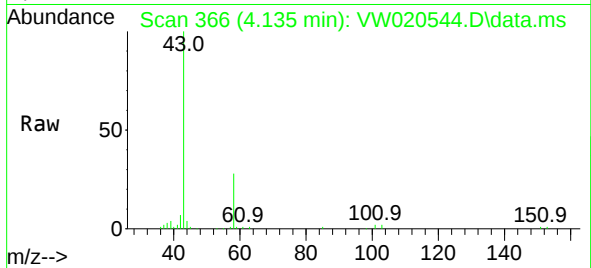




#13
Acetone
Concen: 52.717 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

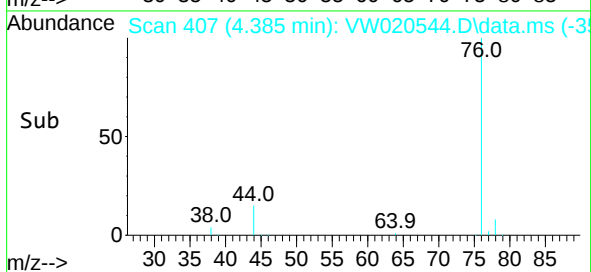
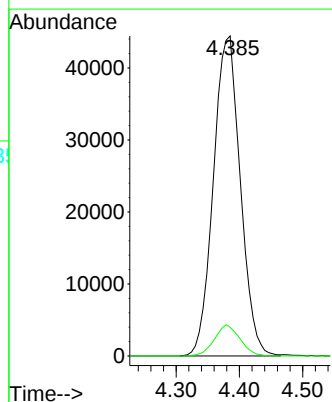
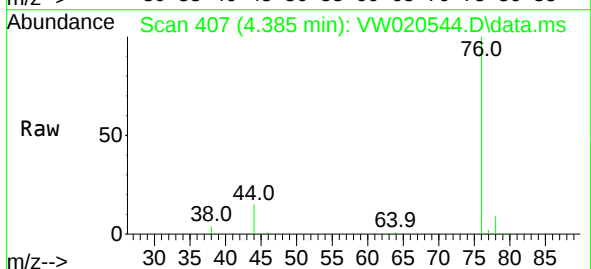
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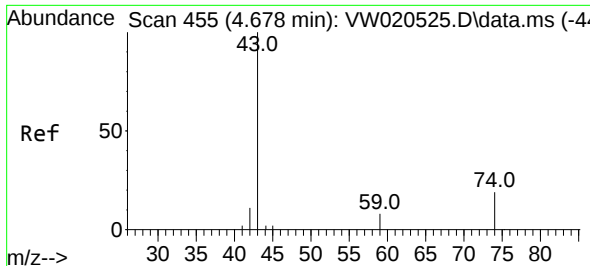
Tgt Ion: 43 Resp: 36868
Ion Ratio Lower Upper
43 100
58 29.3 0.0 58.4



#14
Carbon disulfide
Concen: 16.694 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 131329
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

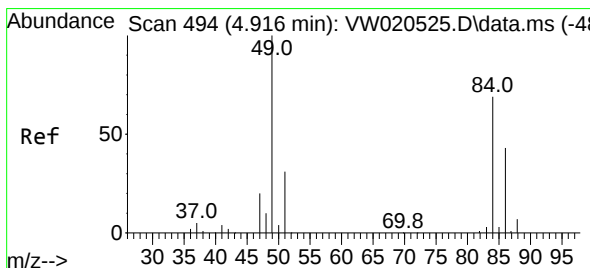
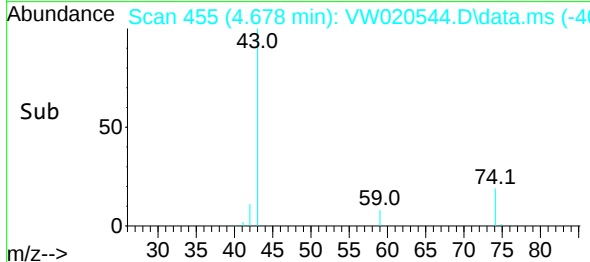
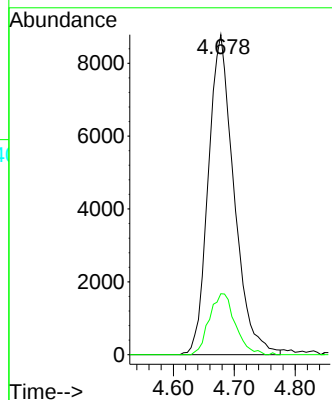
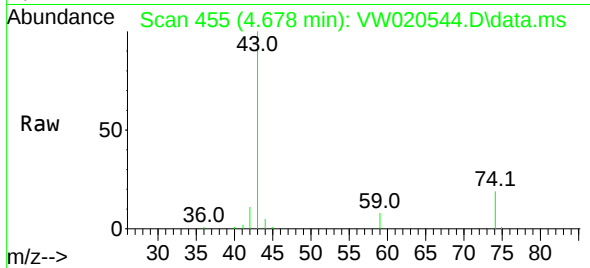




#15
Methyl Acetate
Concen: 19.844 ug/L
RT: 4.678 min Scan# 455
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

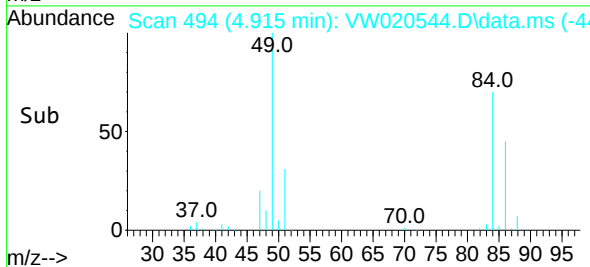
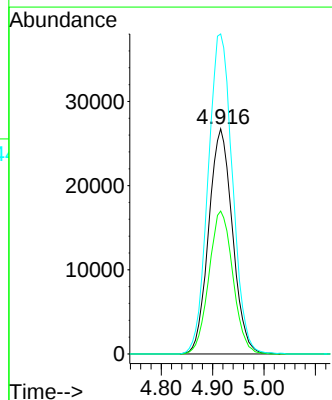
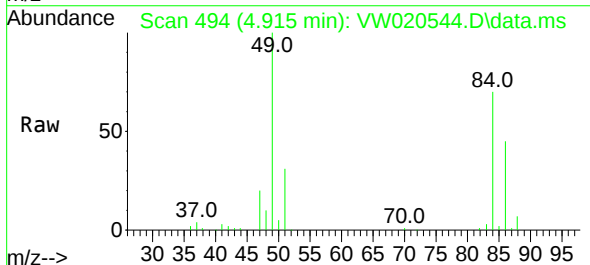
Instrument :
MSVOA_W
ClientSampled :

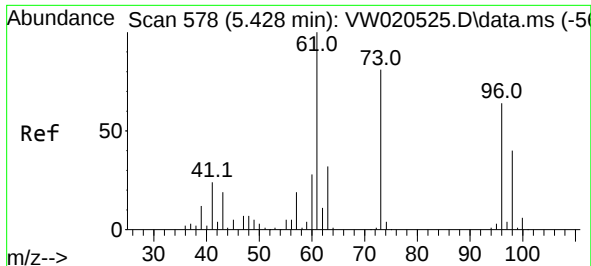
Tgt Ion: 43 Resp: 25772
Ion Ratio Lower Upper
43 100
74 19.2 16.1 24.1



#16
Methylene chloride
Concen: 25.731 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

Tgt Ion: 84 Resp: 86043
Ion Ratio Lower Upper
84 100
86 63.5 44.7 83.1
49 142.2 101.7 188.9

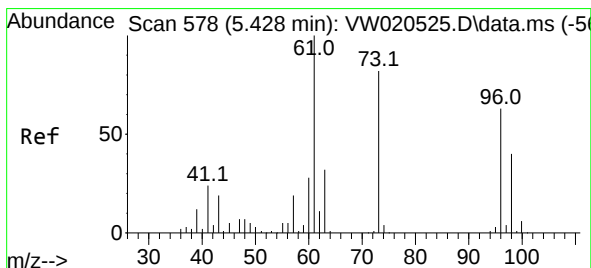
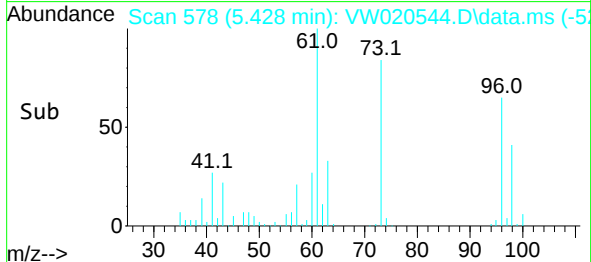
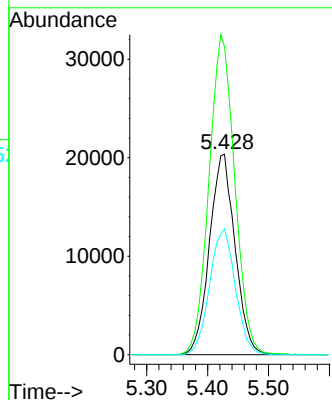
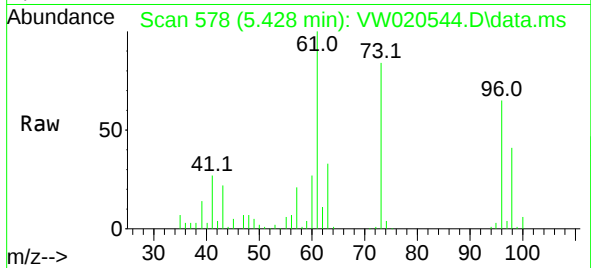




#17
trans-1,2-Dichloroethene
Concen: 23.392 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

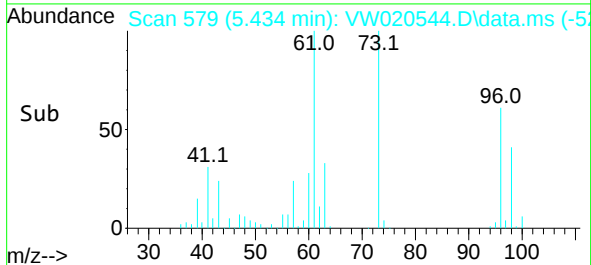
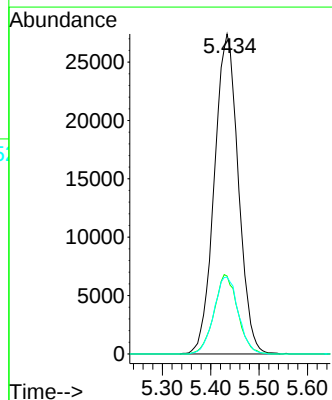
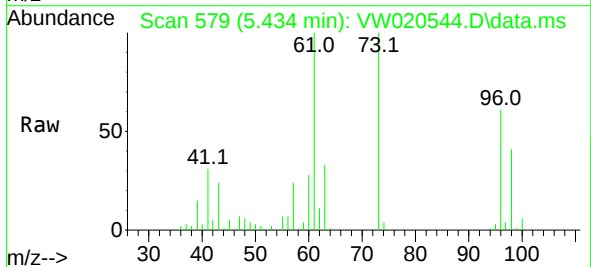
Instrument :
MSVOA_W
ClientSampled :

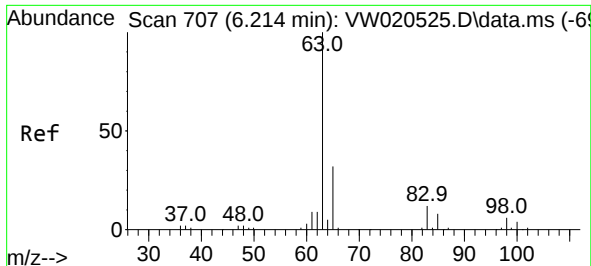
Tgt Ion: 96 Resp: 59357
Ion Ratio Lower Upper
96 100
61 153.6 110.7 205.5
98 62.8 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 26.415 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

Tgt Ion: 73 Resp: 94435
Ion Ratio Lower Upper
73 100
43 24.3 18.9 28.3
57 24.4 18.9 28.3





#19

1,1-Dichloroethane

Concen: 26.327 ug/L

RT: 6.214 min Scan# 707

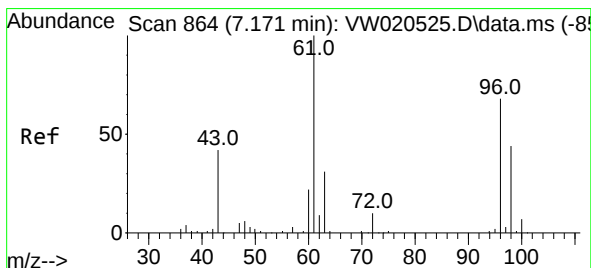
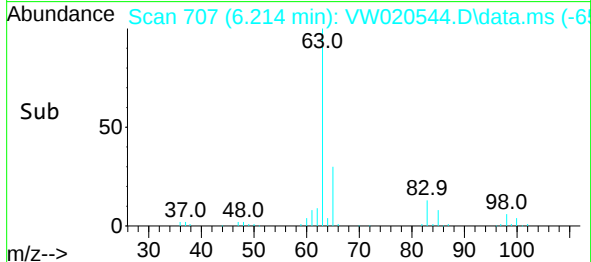
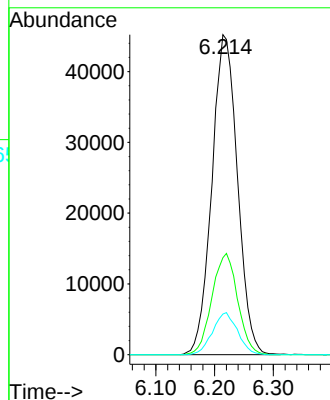
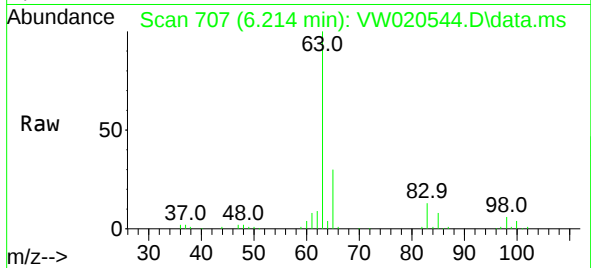
Delta R.T. -0.000 min

Lab File: VW020544.D

Acq: 15 Oct 2021 19:23

Tgt Ion:	63	Resp:	136952
Ion	Ratio	Lower	Upper
63	100		
65	30.3	21.9	40.7
83	12.7	9.0	16.6

Instrument :
MSVOA_W
ClientSampleId :



#20

cis-1,2-Dichloroethene

Concen: 24.684 ug/L

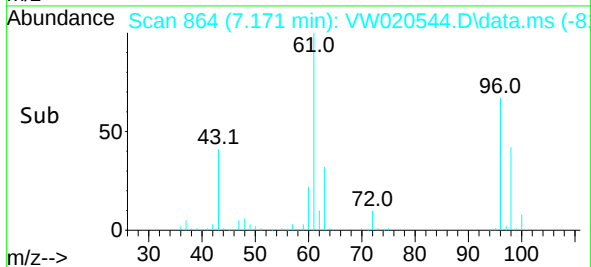
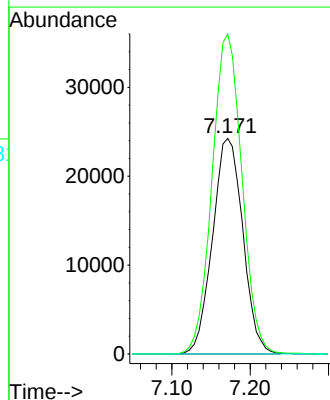
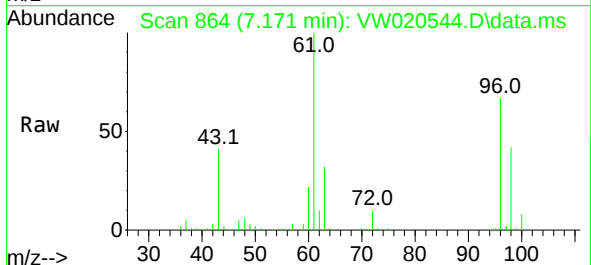
RT: 7.171 min Scan# 864

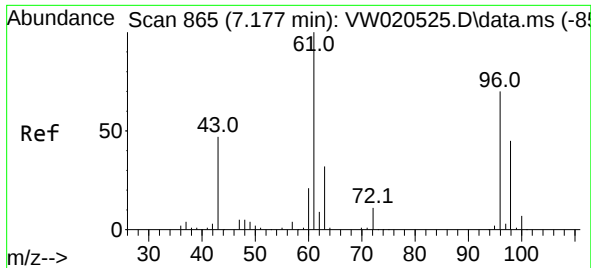
Delta R.T. -0.000 min

Lab File: VW020544.D

Acq: 15 Oct 2021 19:23

Tgt Ion:	96	Resp:	65103
Ion	Ratio	Lower	Upper
96	100		
61	148.4	100.3	186.3
68	0.0	0.0	0.0

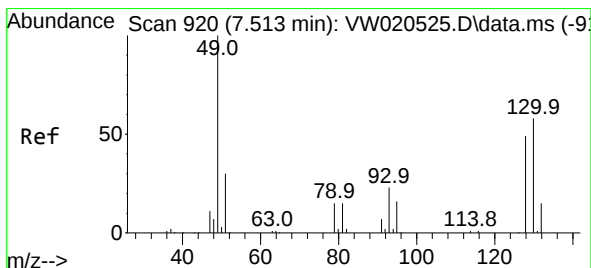
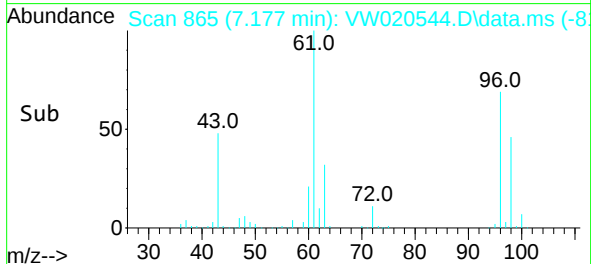
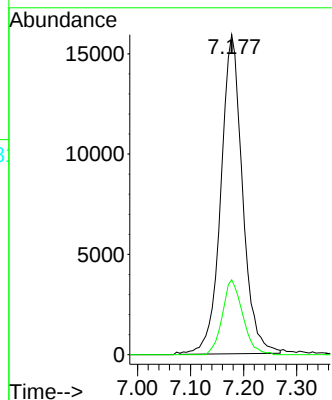
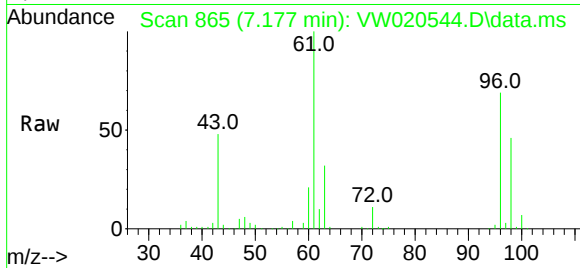




#22
2-Butanone
Concen: 51.620 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

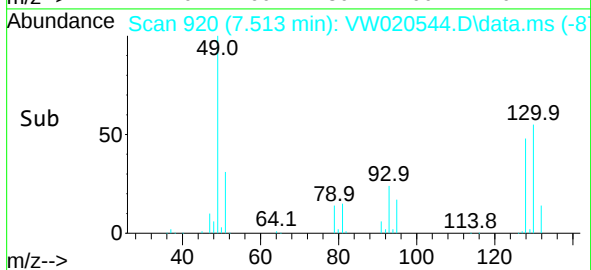
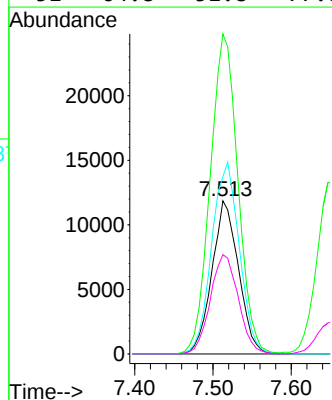
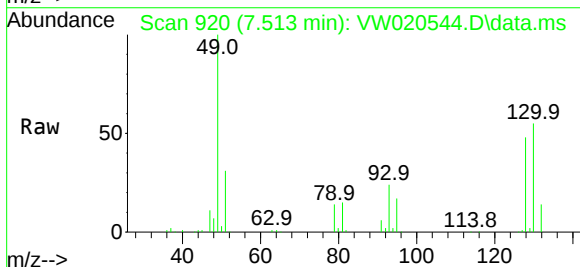
Instrument :
MSVOA_W
ClientSampled :

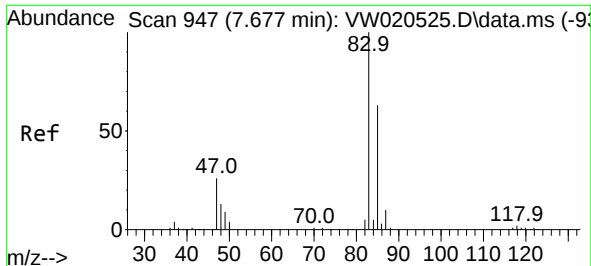
Tgt Ion: 43 Resp: 45190
Ion Ratio Lower Upper
43 100
72 22.0 12.2 36.6



#23
Bromochloromethane
Concen: 24.219 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

Tgt Ion: 128 Resp: 28016
Ion Ratio Lower Upper
128 100
49 208.9 144.1 267.7
130 115.8 89.2 165.6
51 64.8 51.8 77.8

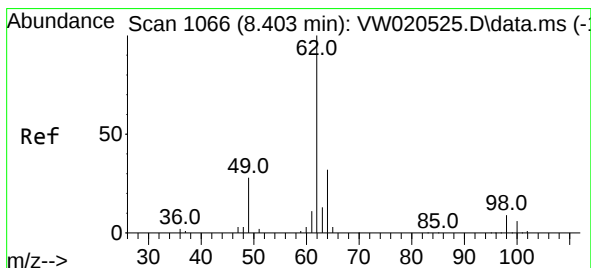
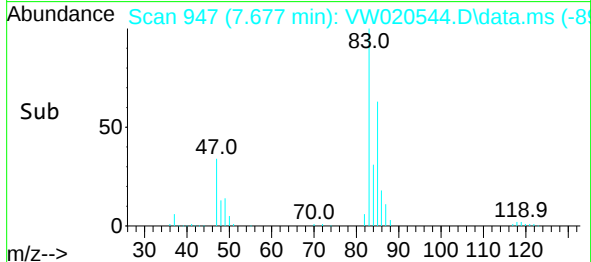
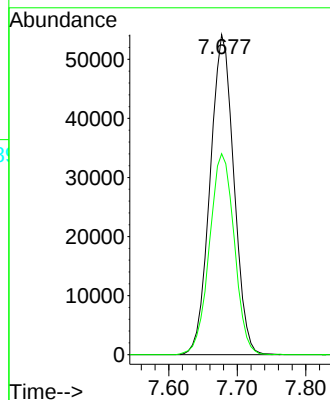
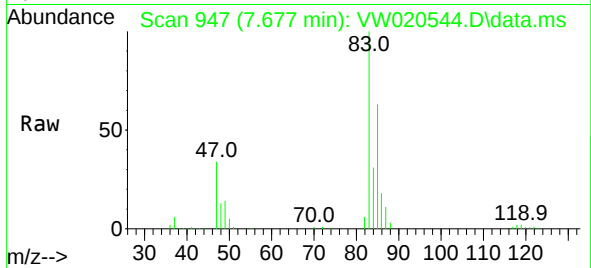




#25
Chloroform
Concen: 25.804 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

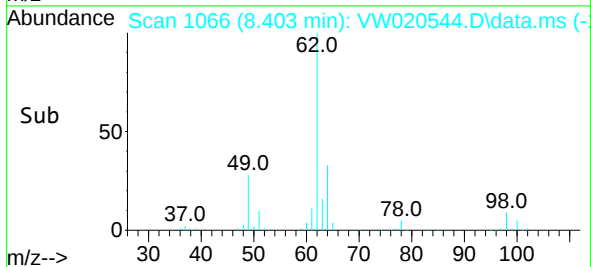
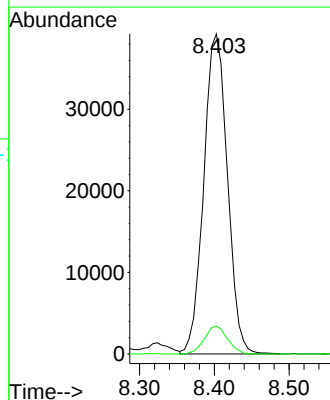
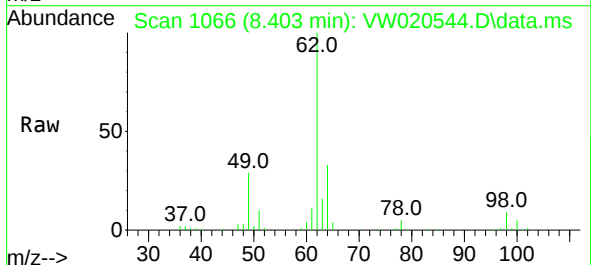
Instrument :
MSVOA_W
ClientSampled :

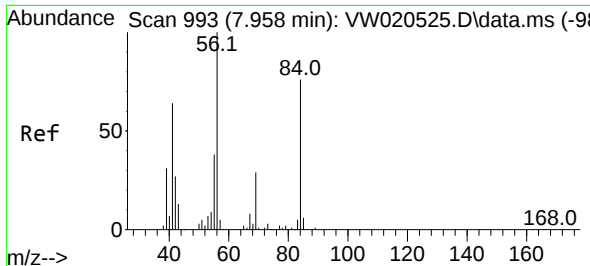
Tgt Ion: 83 Resp: 130491
Ion Ratio Lower Upper
83 100
85 62.8 44.6 82.8



#27
1,2-Dichloroethane
Concen: 24.958 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

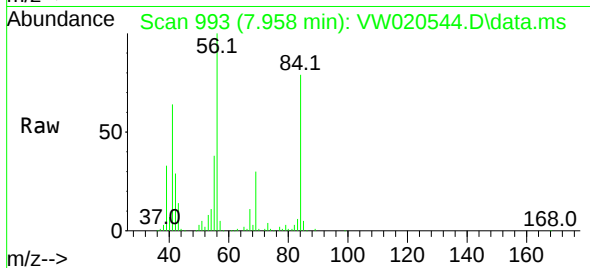
Tgt Ion: 62 Resp: 86325
Ion Ratio Lower Upper
62 100
98 8.6 6.6 10.0



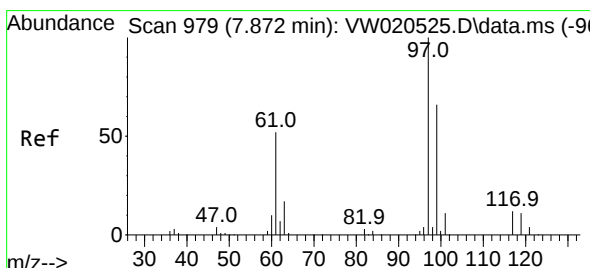
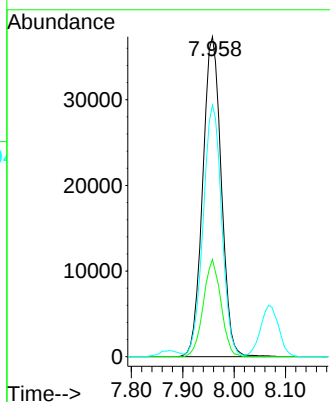
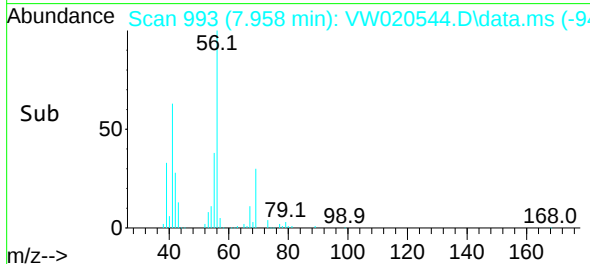


#29
Cyclohexane
Concen: 24.317 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

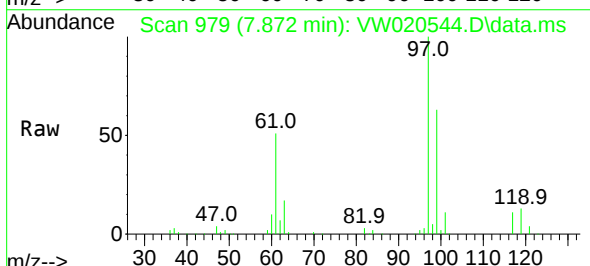
Instrument :
MSVOA_W
ClientSampled :



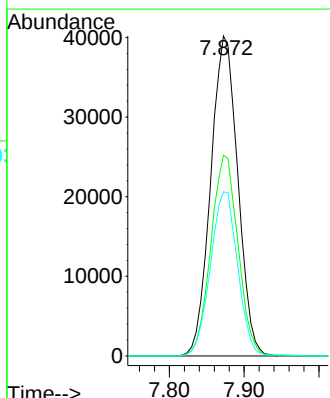
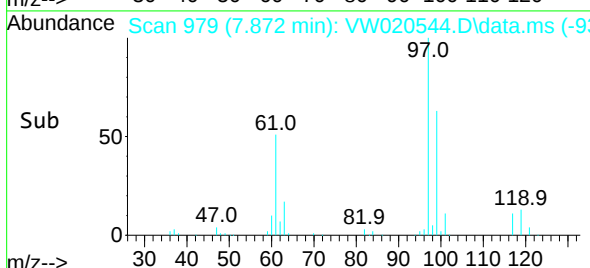
Tgt Ion:	56	Resp:	93775
Ion Ratio	Lower	Upper	
56	100		
69	28.8	23.2	34.8
84	77.3	63.7	95.5

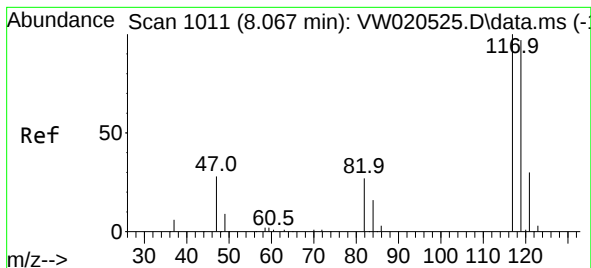


#30
1,1,1-Trichloroethane
Concen: 30.992 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23



Tgt Ion:	97	Resp:	101414
Ion Ratio	Lower	Upper	
97	100		
99	62.7	51.4	77.0
61	51.5	41.0	61.6

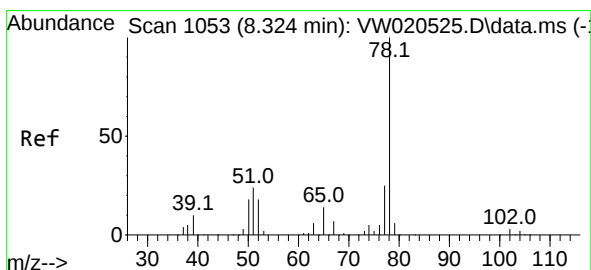
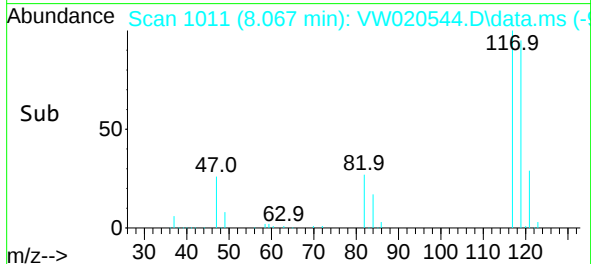
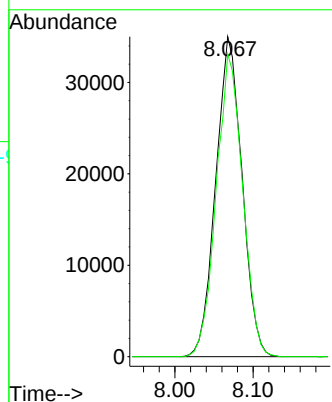
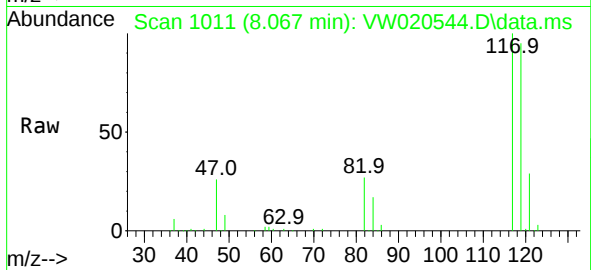




#31
Carbon tetrachloride
Concen: 28.378 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

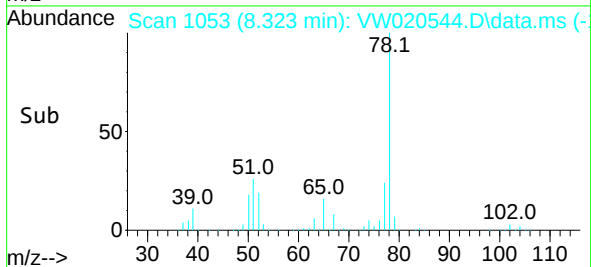
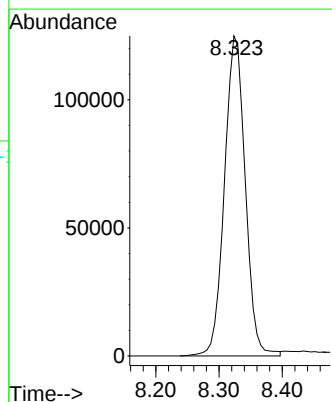
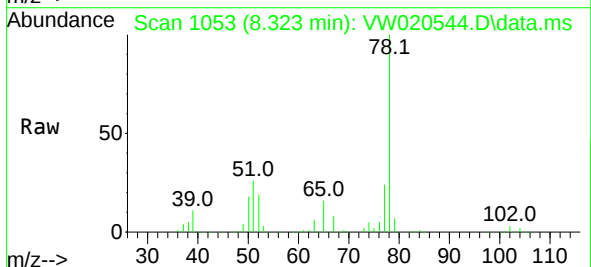
Instrument :
MSVOA_W
ClientSampled :

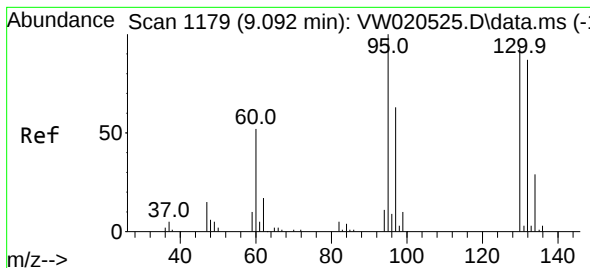
Tgt Ion:117 Resp: 81642
Ion Ratio Lower Upper
117 100
119 94.9 77.0 115.4



#33
Benzene
Concen: 30.415 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

Tgt Ion: 78 Resp: 285349





#34

Trichloroethene

Concen: 26.929 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW020544.D

Acq: 15 Oct 2021 19:23

Tgt Ion: 95 Resp: 62242

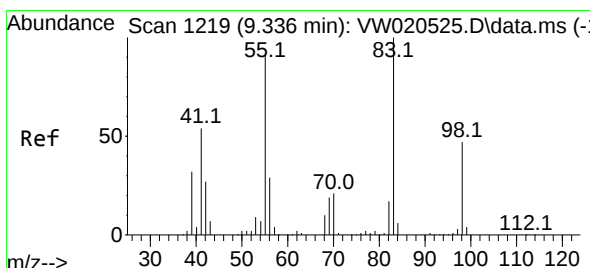
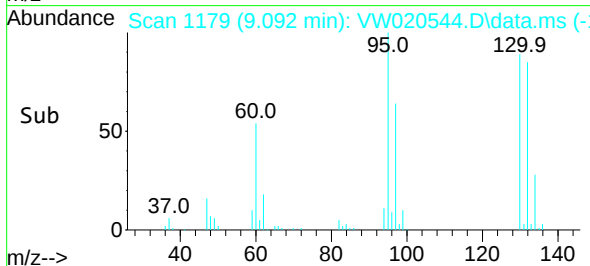
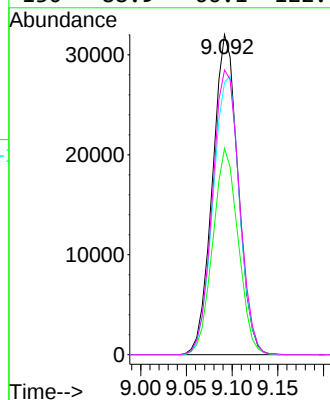
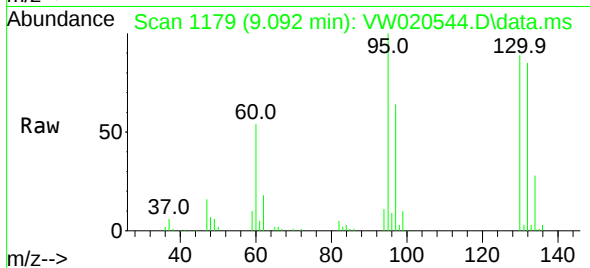
Ion Ratio Lower Upper

95 100

97 64.5 43.2 80.2

132 85.0 62.3 115.7

130 88.9 66.1 122.7



#35

Methylcyclohexane

Concen: 16.943 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW020544.D

Acq: 15 Oct 2021 19:23

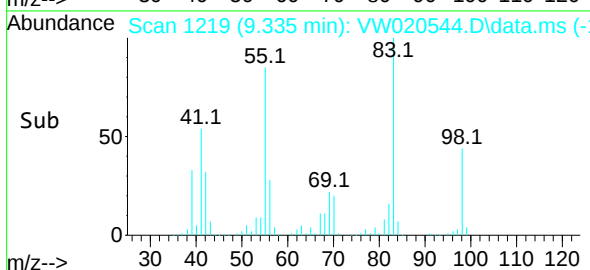
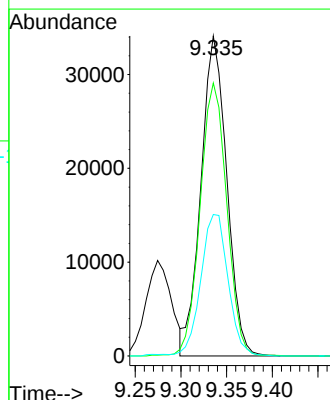
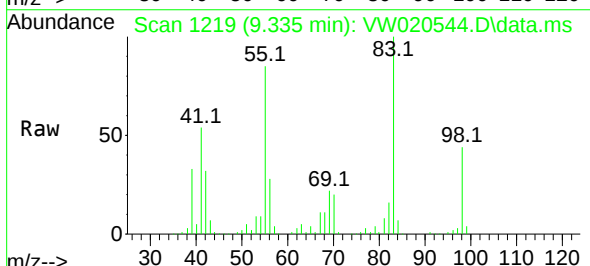
Tgt Ion: 83 Resp: 67014

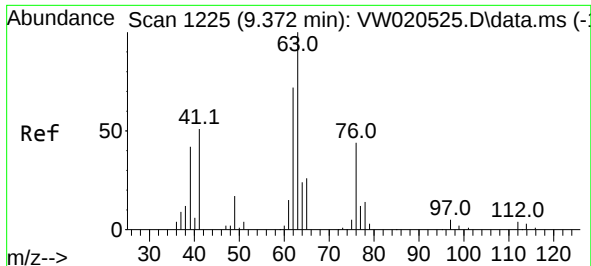
Ion Ratio Lower Upper

83 100

55 88.0 69.7 104.5

98 46.6 38.2 57.2

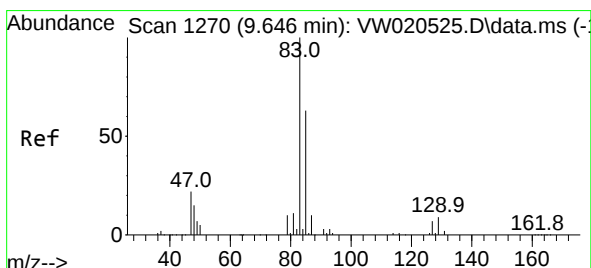
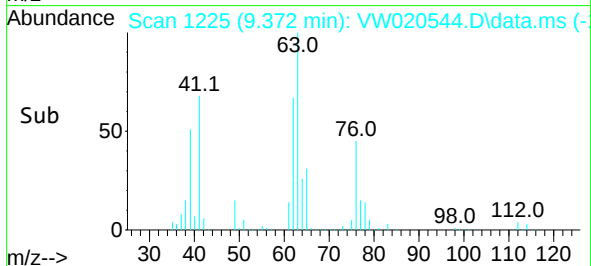
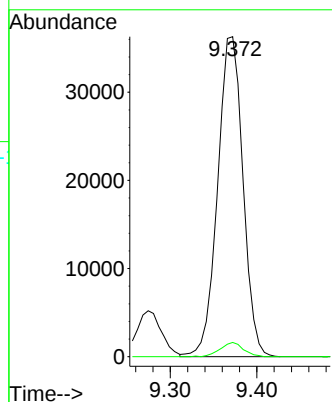
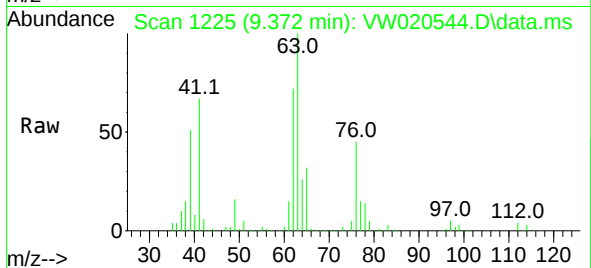




#37
1,2-Dichloropropane
Concen: 30.379 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

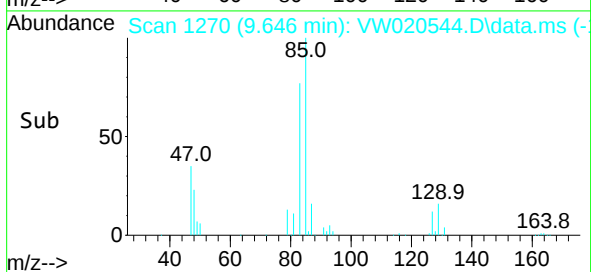
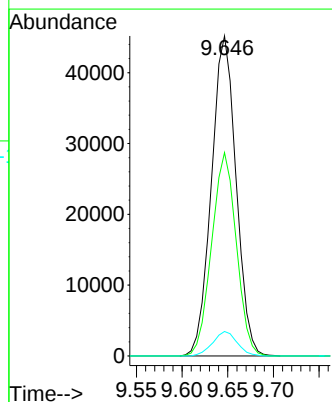
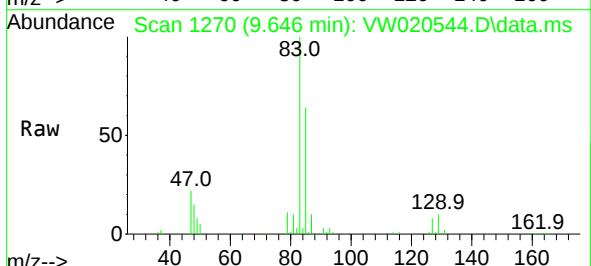
Instrument :
MSVOA_W
ClientSampled :

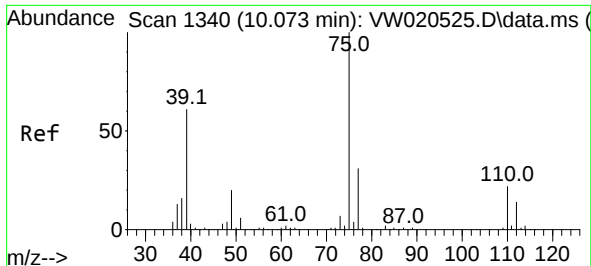
Tgt Ion: 63 Resp: 73808
Ion Ratio Lower Upper
63 100
112 4.1 3.5 5.3



#38
Bromodichloromethane
Concen: 29.105 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

Tgt Ion: 83 Resp: 84783
Ion Ratio Lower Upper
83 100
85 63.5 43.4 80.6
127 7.7 6.2 9.2

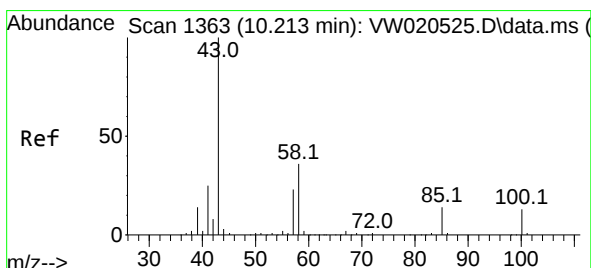
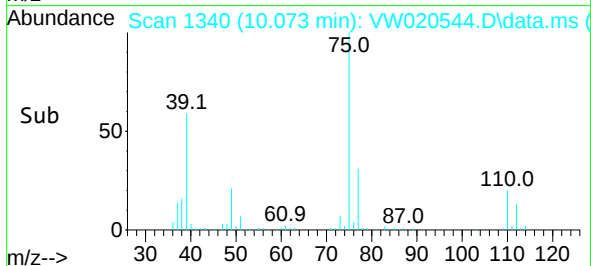
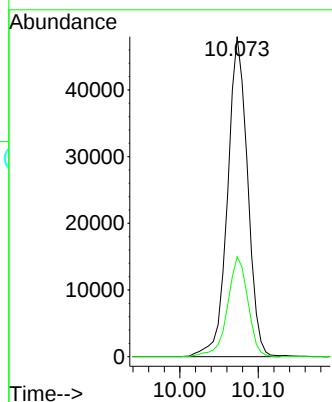
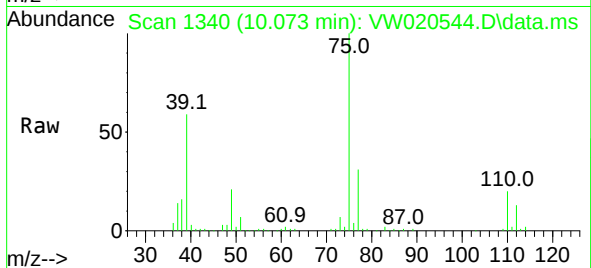




#39
cis-1,3-Dichloropropene
Concen: 25.423 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

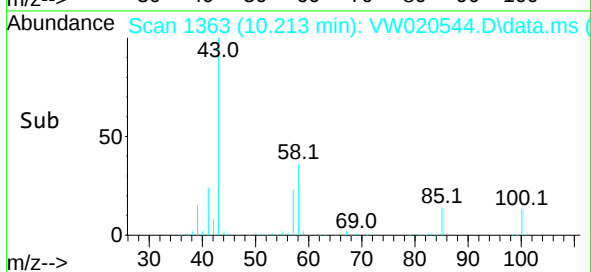
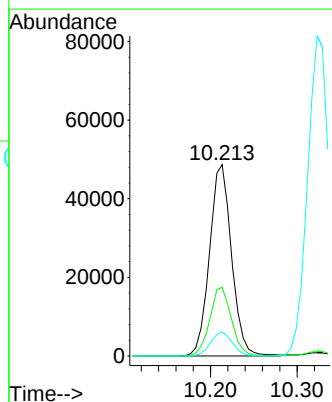
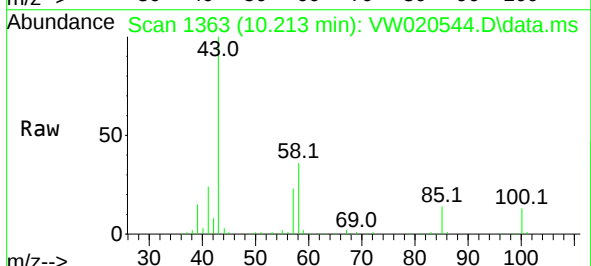
Instrument :
MSVOA_W
ClientSampleId :

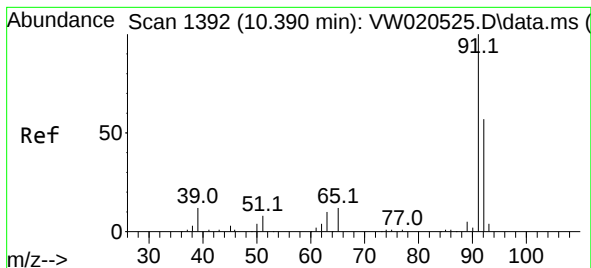
Tgt Ion: 75 Resp: 85222
Ion Ratio Lower Upper
75 100
77 31.2 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 58.924 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

Tgt Ion: 43 Resp: 85925
Ion Ratio Lower Upper
43 100
58 35.3 29.0 43.4
100 12.3 10.2 15.4





#42

Toluene

Concen: 28.435 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW020544.D

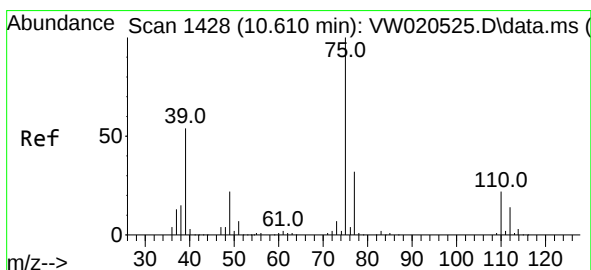
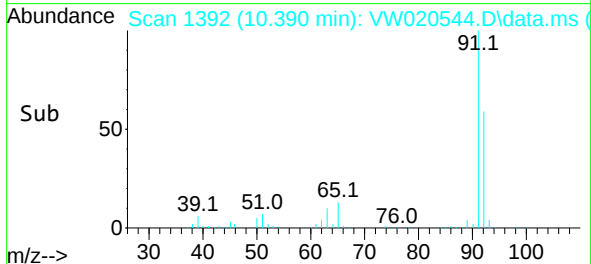
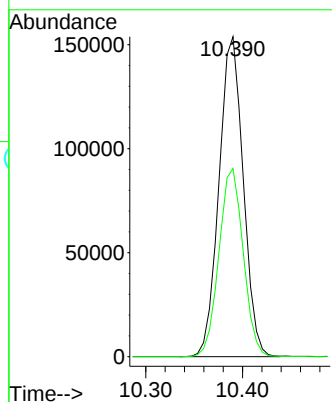
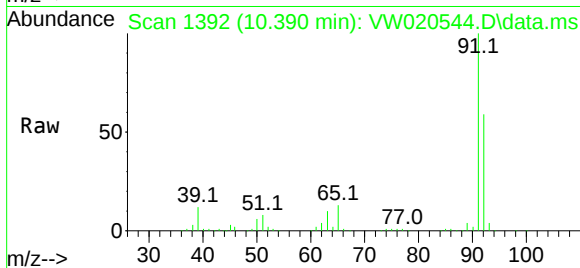
Acq: 15 Oct 2021 19:23

Tgt Ion: 91 Resp: 267591

Ion Ratio Lower Upper

91 100

92 58.8 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 25.140 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. -0.006 min

Lab File: VW020544.D

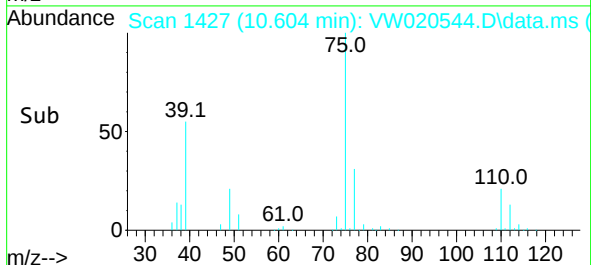
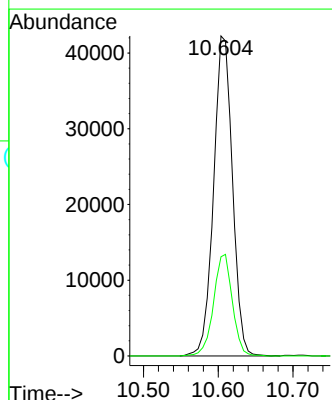
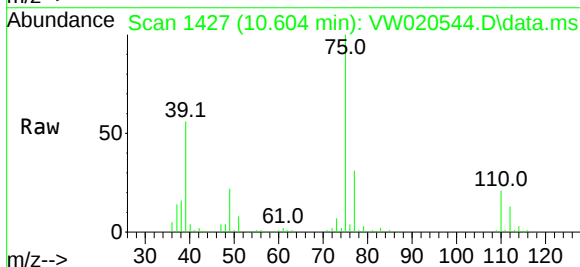
Acq: 15 Oct 2021 19:23

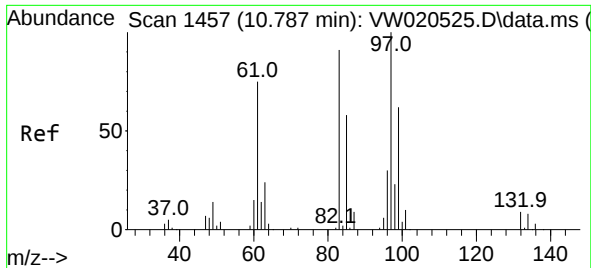
Tgt Ion: 75 Resp: 74291

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.4



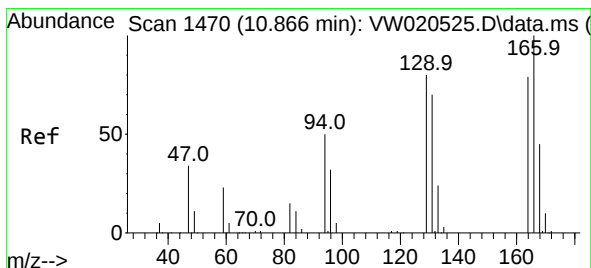
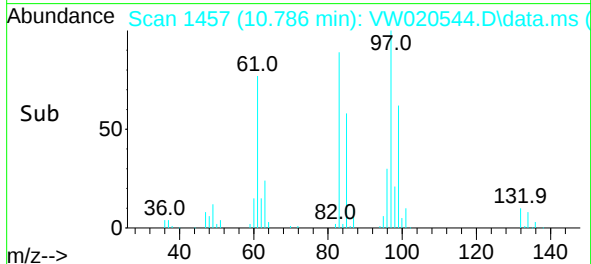
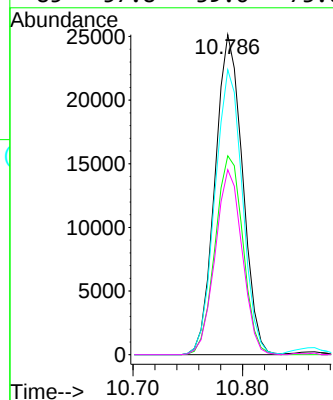
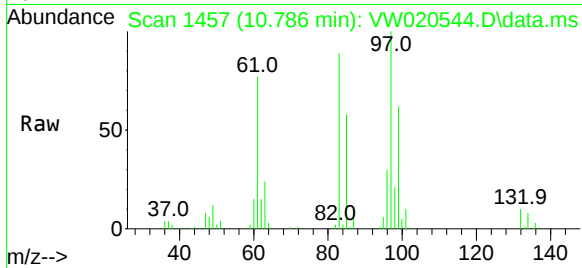


#45
1,1,2-Trichloroethane
Concen: 28.090 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 43819

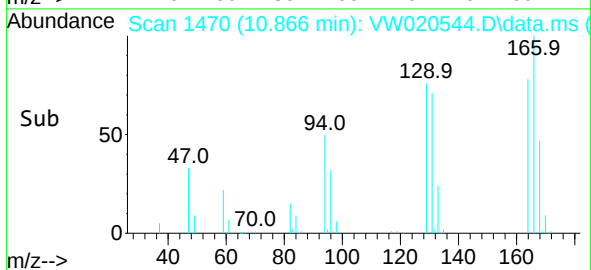
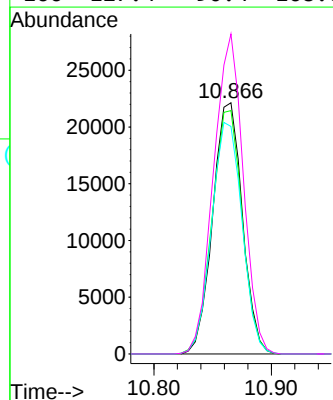
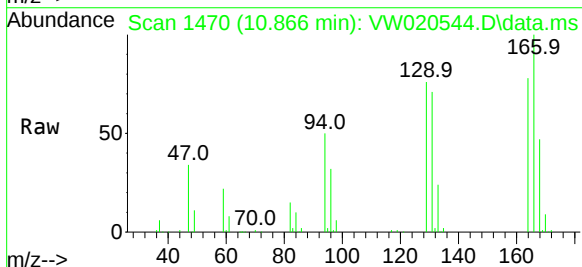
Ion	Ratio	Lower	Upper
97	100		
99	62.1	42.8	79.4
83	89.1	60.9	113.1
85	57.8	39.6	73.6

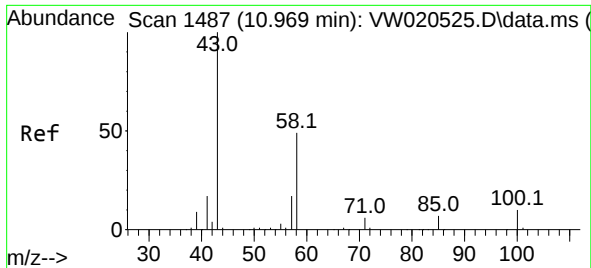


#46
Tetrachloroethene
Concen: 23.359 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

Tgt Ion: 164 Resp: 38779

Ion	Ratio	Lower	Upper
164	100		
129	96.9	69.1	128.3
131	90.6	58.3	108.3
166	127.4	90.4	168.0

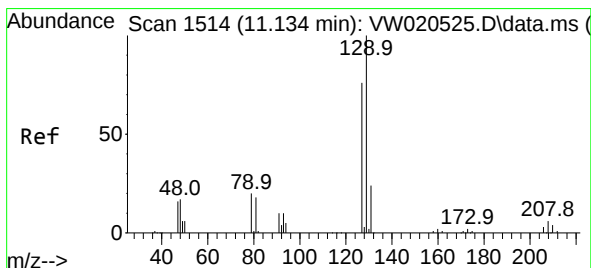
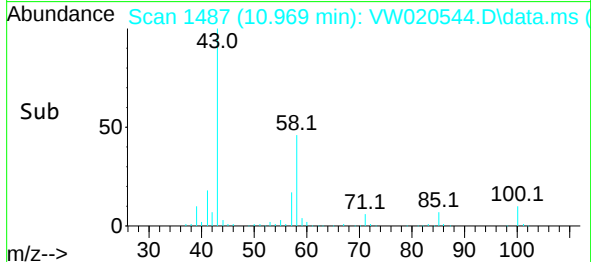
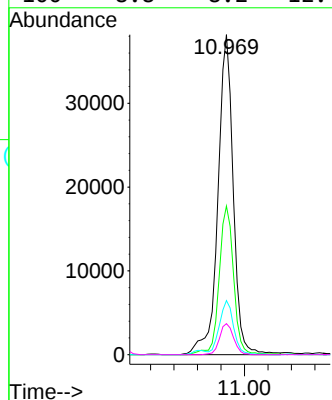
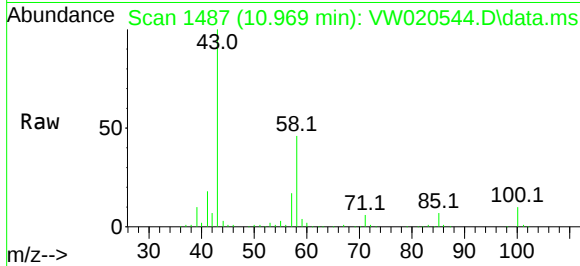




#48
2-Hexanone
Concen: 64.758 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

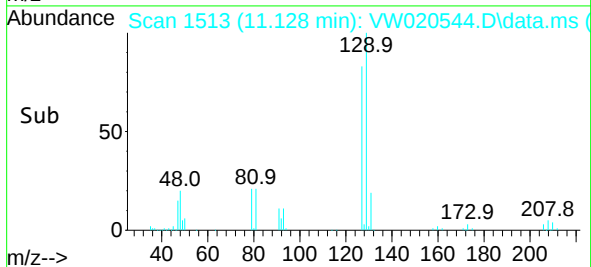
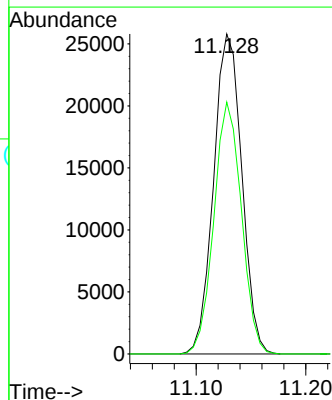
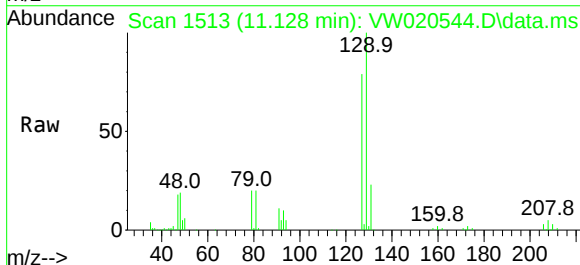
Instrument :
MSVOA_W
ClientSampleId :

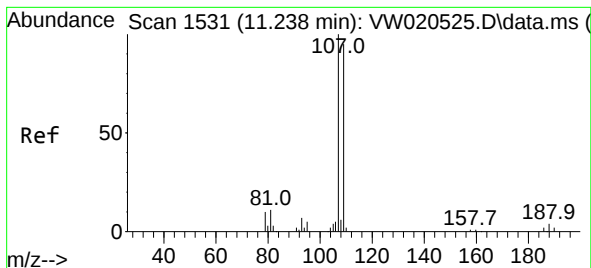
Tgt Ion: 43	Resp: 69284
Ion Ratio	Lower Upper
43 100	
58 42.0	39.5 59.3
57 15.5	14.2 21.4
100 8.8	8.2 12.4



#49
Dibromochloromethane
Concen: 26.861 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

Tgt Ion:129	Resp: 46164
Ion Ratio	Lower Upper
129 100	
127 78.7	55.1 102.3

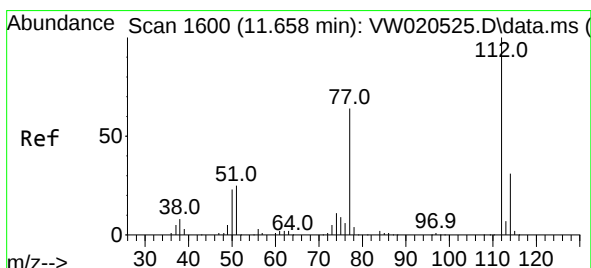
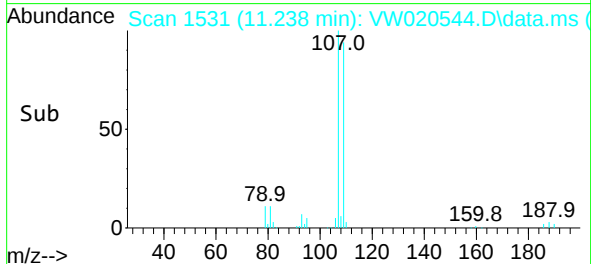
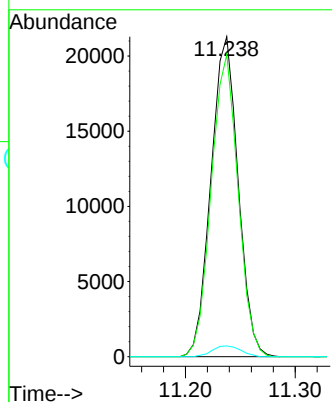
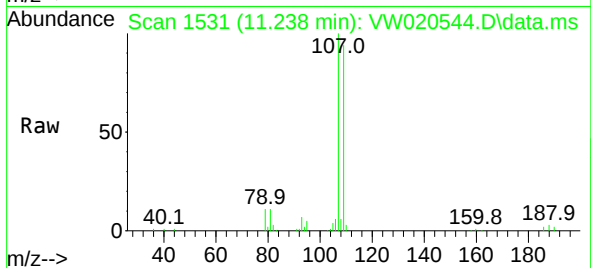




#50
1,2-Dibromoethane
Concen: 25.604 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

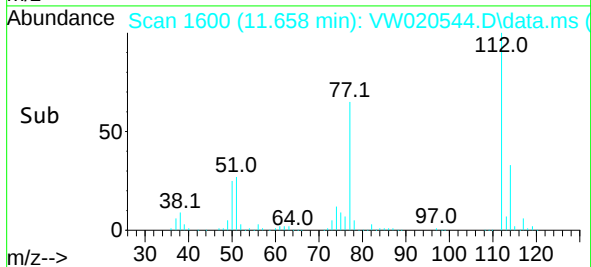
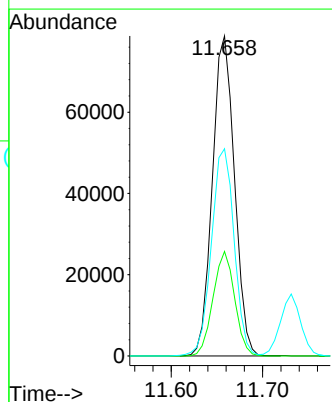
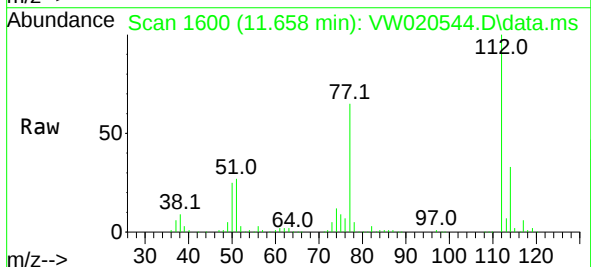
Instrument :
MSVOA_W
ClientSampleId :

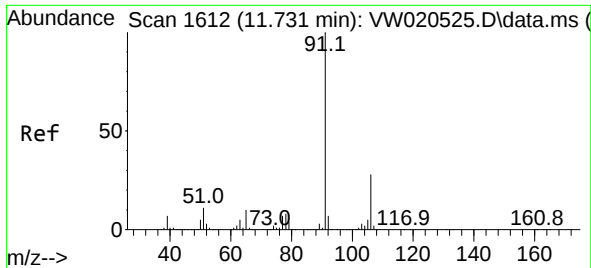
Tgt Ion:107 Resp: 36688
Ion Ratio Lower Upper
107 100
109 94.4 64.5 119.9
188 3.3 3.2 4.8



#51
Chlorobenzene
Concen: 22.779 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

Tgt Ion:112 Resp: 132189
Ion Ratio Lower Upper
112 100
114 32.7 22.3 41.5
77 64.8 50.7 76.1

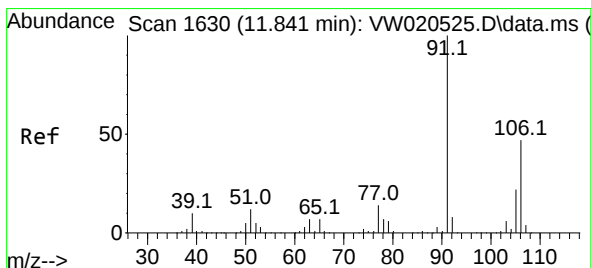
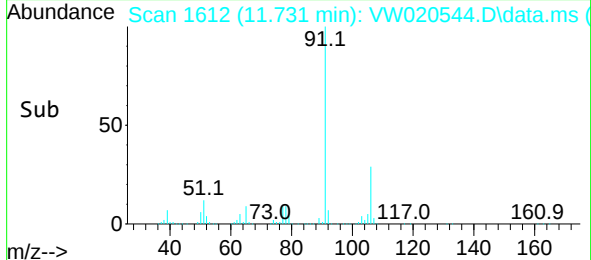
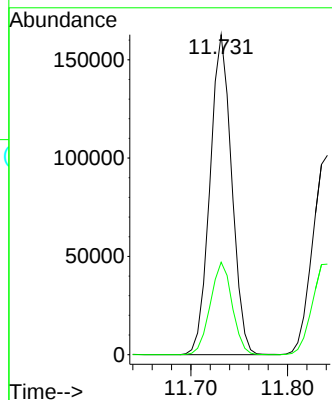
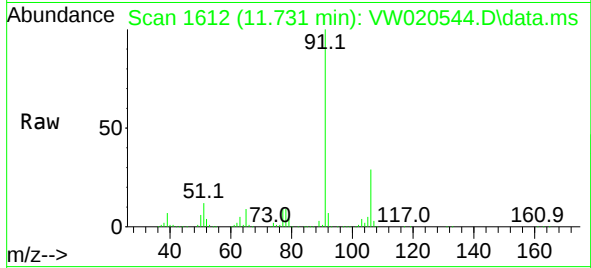




#52
Ethylbenzene
Concen: 24.906 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

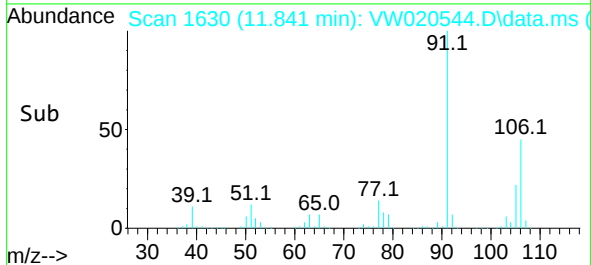
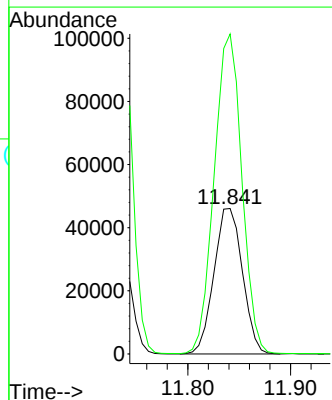
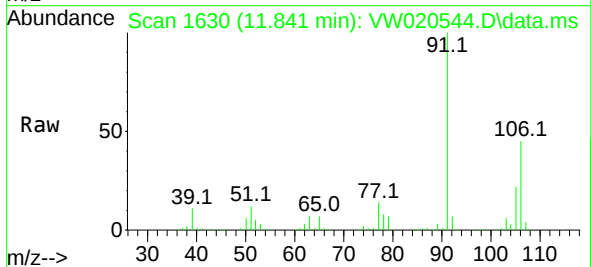
Instrument :
MSVOA_W
ClientSampleId :

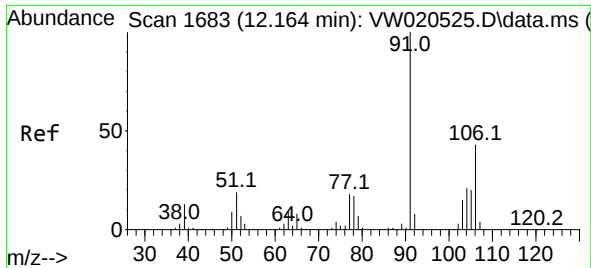
Tgt Ion: 91 Resp: 254160
Ion Ratio Lower Upper
91 100
106 28.9 21.3 39.5



#53
m,p-Xylene
Concen: 23.490 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

Tgt Ion: 106 Resp: 88815
Ion Ratio Lower Upper
106 100
91 220.0 148.2 275.2

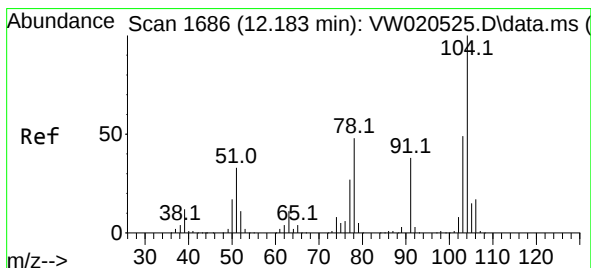
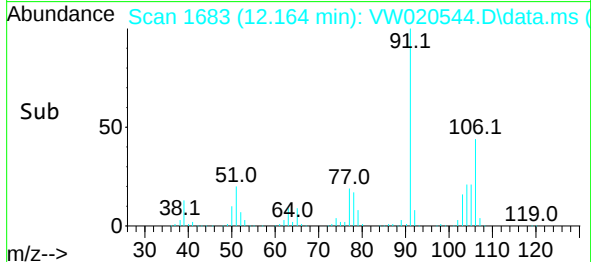
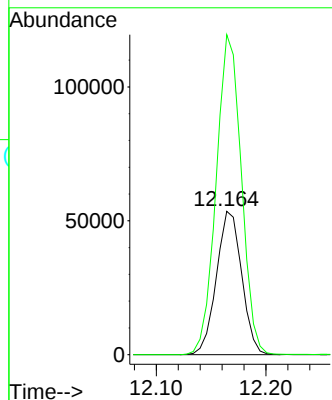
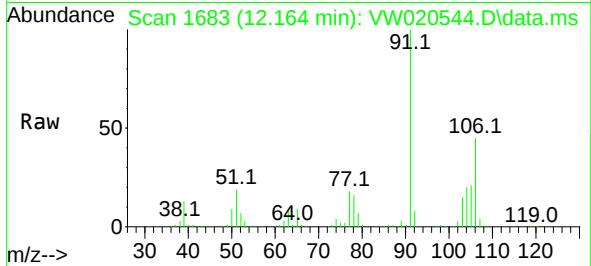




#54
o-Xylene
Concen: 24.598 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

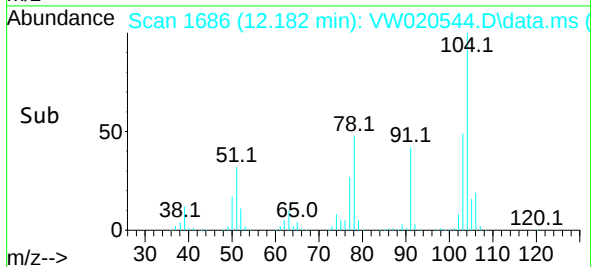
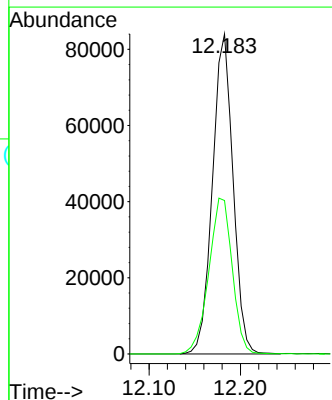
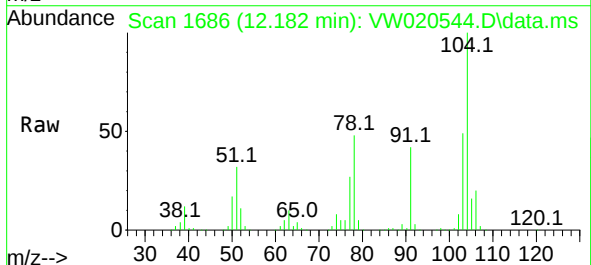
Instrument :
MSVOA_W
ClientSampled :

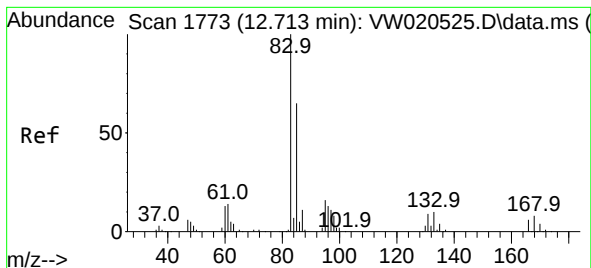
Tgt Ion:106 Resp: 85892
Ion Ratio Lower Upper
106 100
91 223.2 156.1 289.9



#55
Styrene
Concen: 21.569 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

Tgt Ion:104 Resp: 131684
Ion Ratio Lower Upper
104 100
78 48.0 33.2 61.7

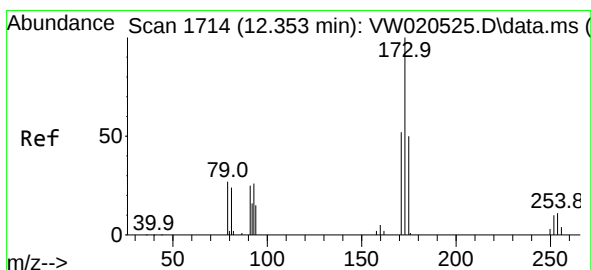
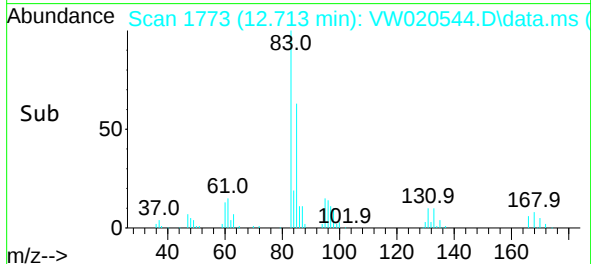
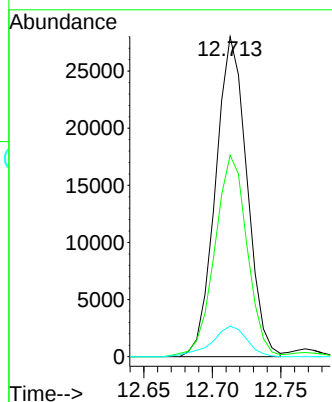
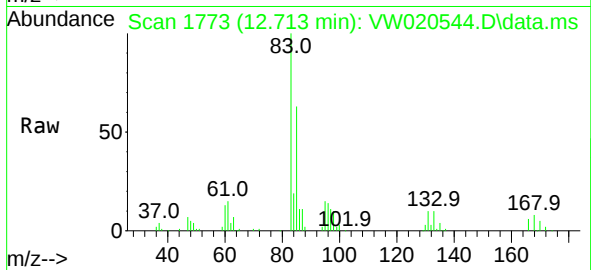




#57
1,1,2,2-Tetrachloroethane
Concen: 23.061 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

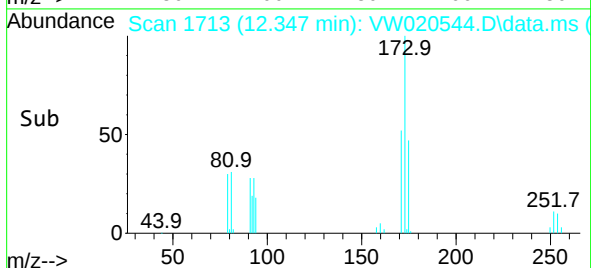
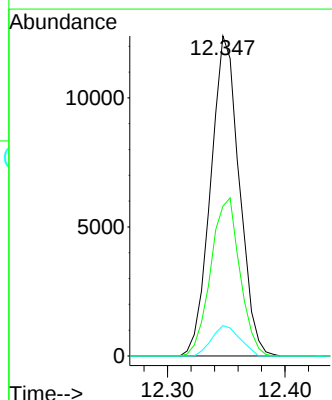
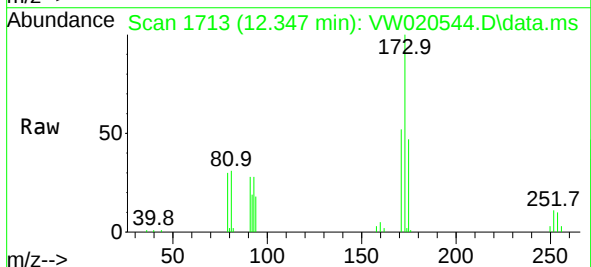
Instrument :
MSVOA_W
ClientSampleId :

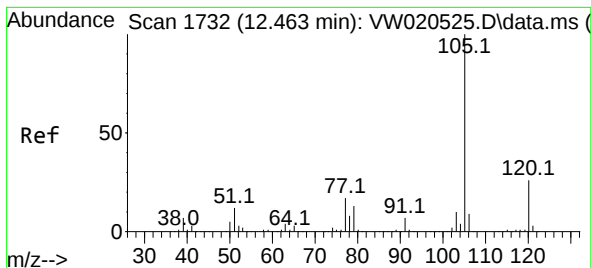
Tgt Ion: 83 Resp: 44597
Ion Ratio Lower Upper
83 100
85 62.9 45.9 85.3
131 9.6 7.4 11.2



#59
Bromoform
Concen: 39.423 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

Tgt Ion:173 Resp: 20966
Ion Ratio Lower Upper
173 100
175 50.1 38.6 57.8
254 9.3 7.3 10.9

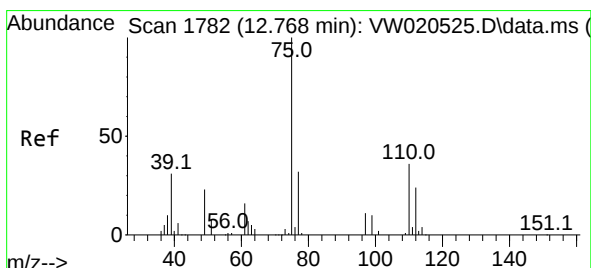
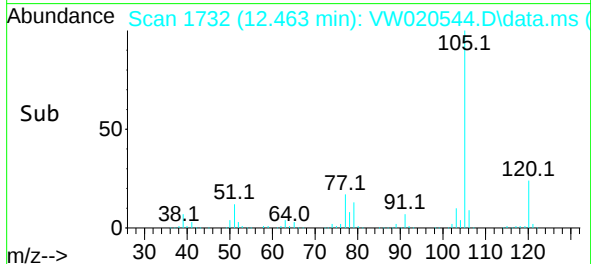
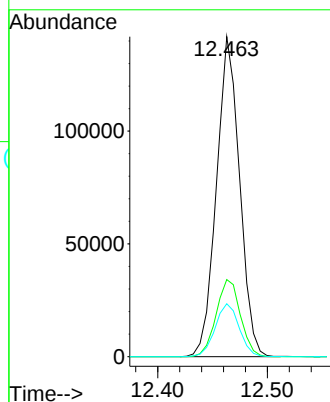
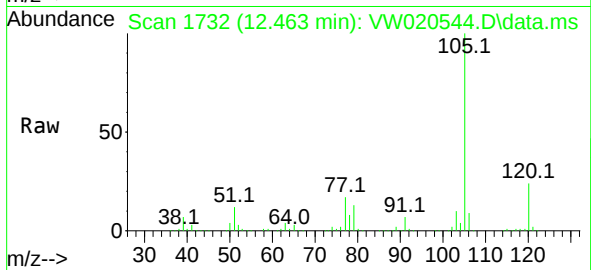




#60
Isopropylbenzene
Concen: 37.367 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

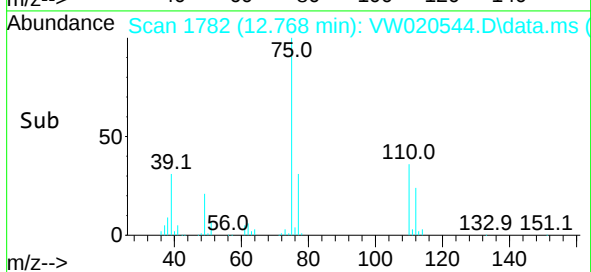
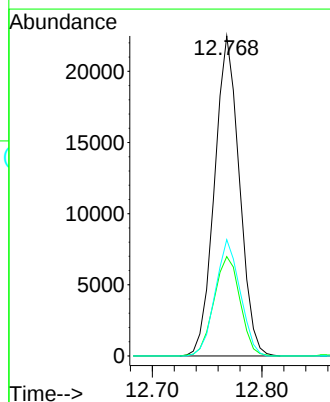
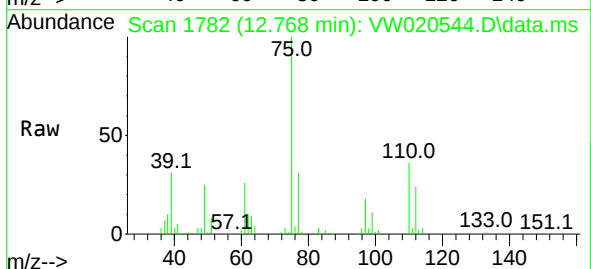
Instrument :
MSVOA_W
ClientSampled :

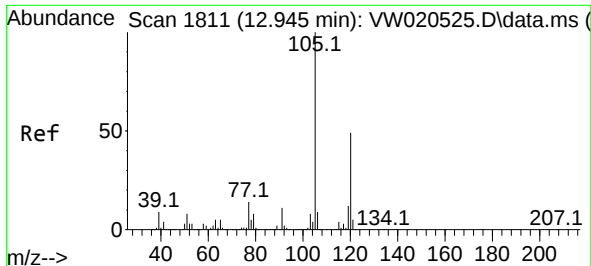
Tgt Ion:105 Resp: 208209
Ion Ratio Lower Upper
105 100
120 25.2 20.3 30.5
77 17.3 13.8 20.6



#61
1,2,3-Trichloropropane
Concen: 42.369 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

Tgt Ion: 75 Resp: 35435
Ion Ratio Lower Upper
75 100
77 32.6 25.1 37.7
110 36.4 29.4 44.0

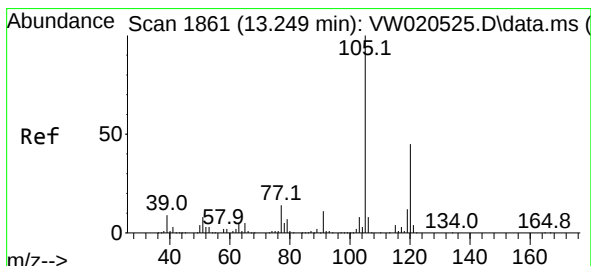
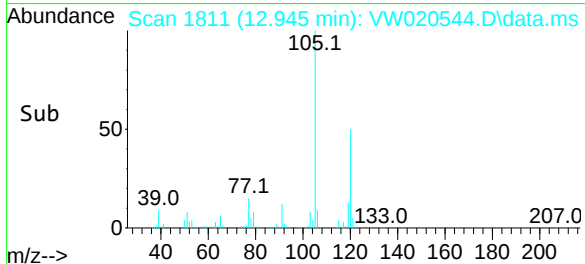
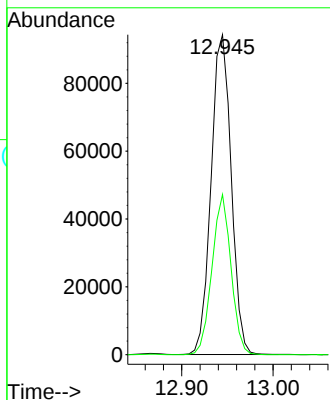
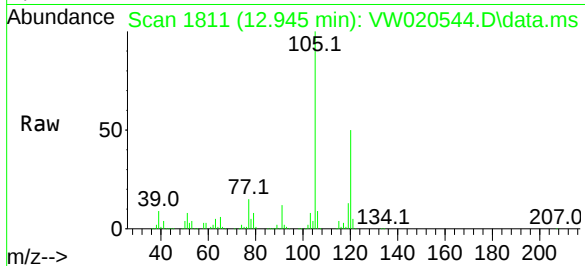




#62
1,3,5-Trimethylbenzene
Concen: 31.689 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

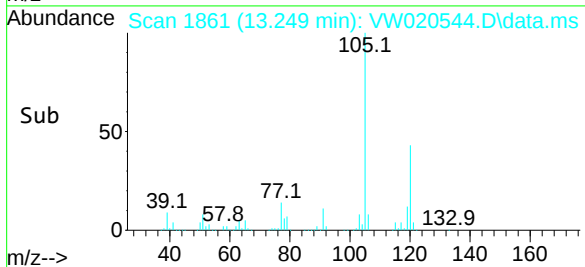
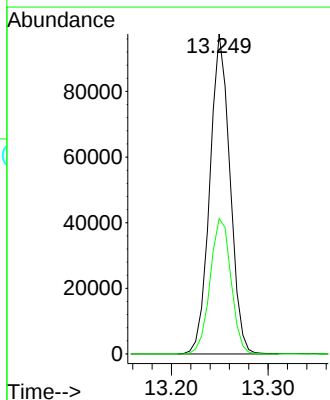
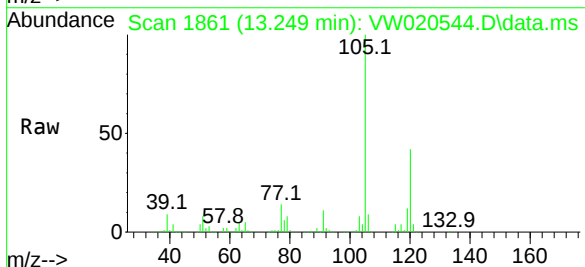
Instrument :
MSVOA_W
ClientSampled :

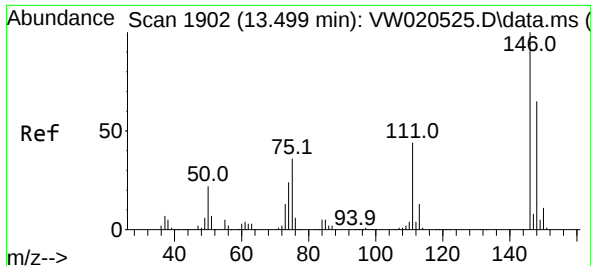
Tgt Ion:105 Resp: 144163
Ion Ratio Lower Upper
105 100
120 47.2 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 31.355 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

Tgt Ion:105 Resp: 141295
Ion Ratio Lower Upper
105 100
120 43.7 35.4 53.2

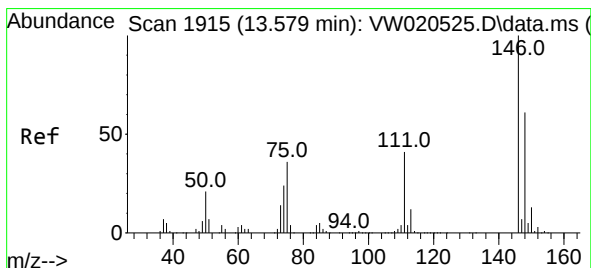
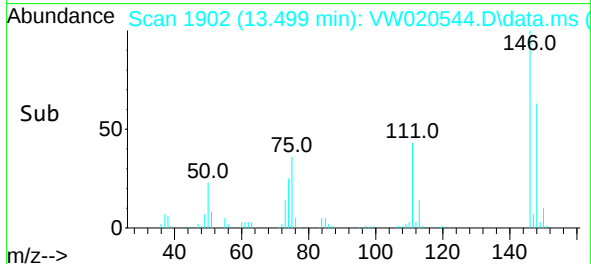
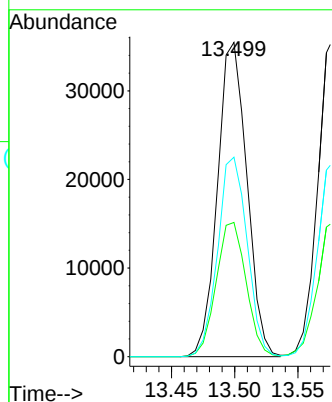
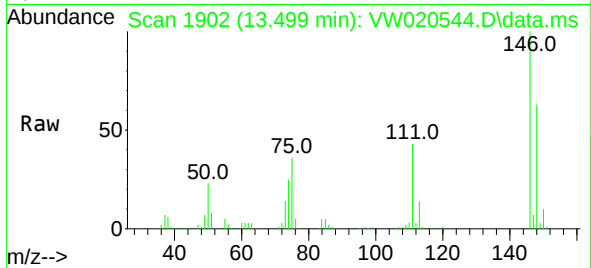




#64
1,3-Dichlorobenzene
Concen: 23.783 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

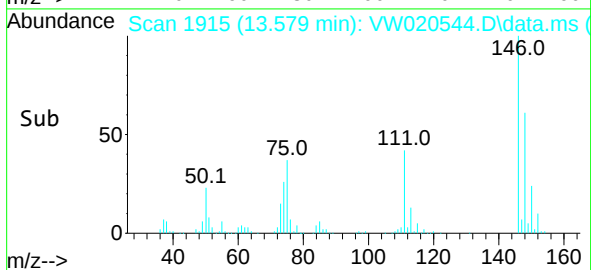
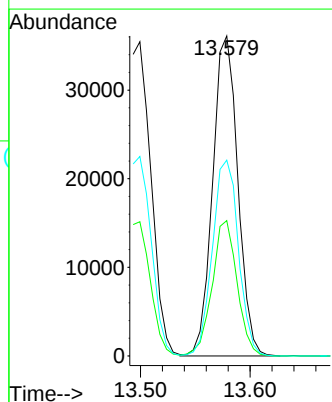
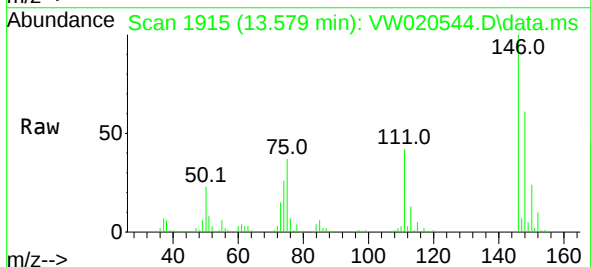
Instrument :
MSVOA_W
ClientSampleId :

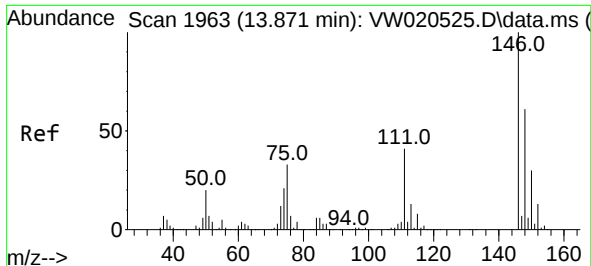
Tgt Ion:146 Resp: 57338
Ion Ratio Lower Upper
146 100
111 42.7 29.0 53.8
148 63.5 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 23.134 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

Tgt Ion:146 Resp: 57689
Ion Ratio Lower Upper
146 100
111 42.3 30.9 57.5
148 61.2 46.1 85.7

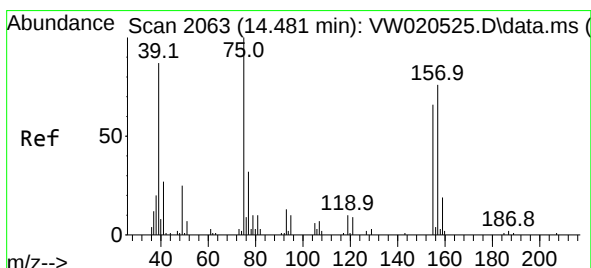
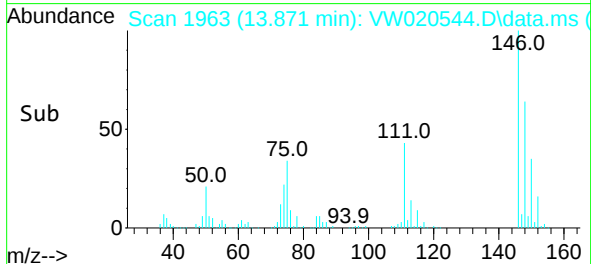
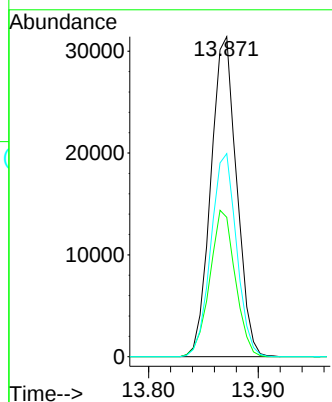
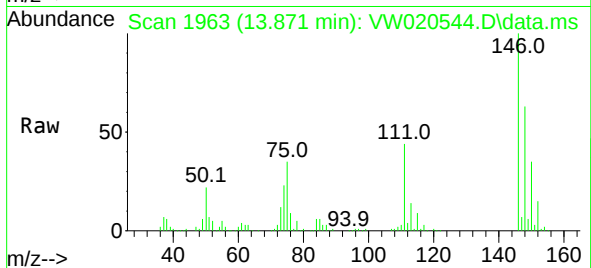




#67
1,2-Dichlorobenzene
Concen: 23.267 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

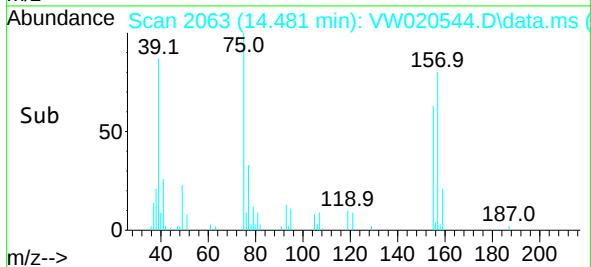
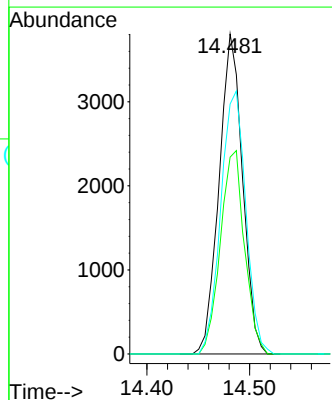
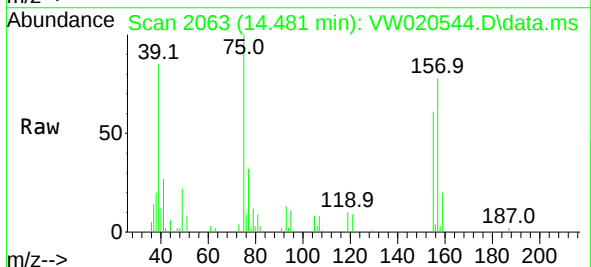
Instrument :
MSVOA_W
ClientSampleId :

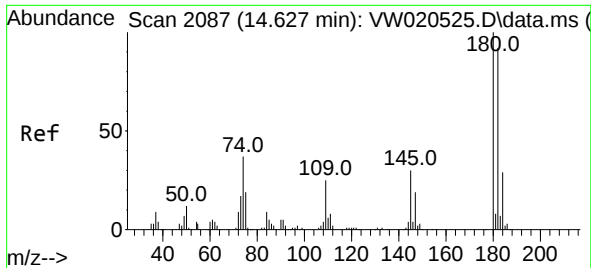
Tgt Ion:146 Resp: 51392
Ion Ratio Lower Upper
146 100
111 43.6 33.9 50.9
148 63.5 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 33.921 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

Tgt Ion: 75 Resp: 6026
Ion Ratio Lower Upper
75 100
155 61.5 51.4 77.0
157 78.1 70.8 106.2

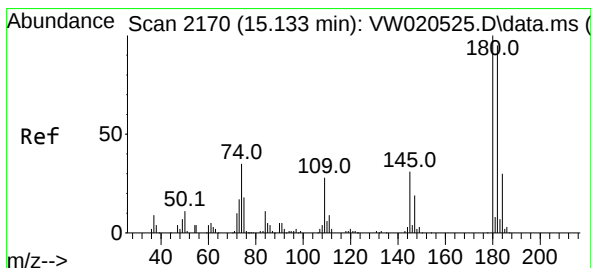
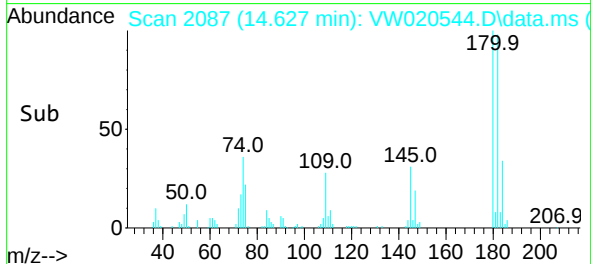
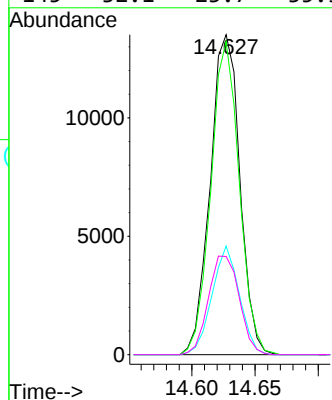
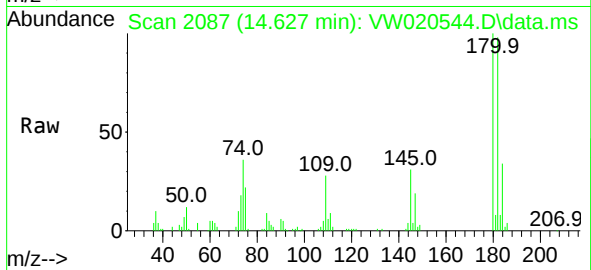




#69
1,3,5-Trichlorobenzene
Concen: 12.808 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

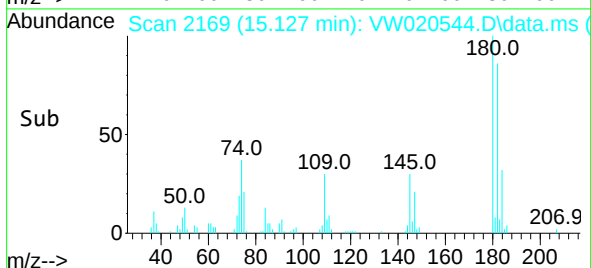
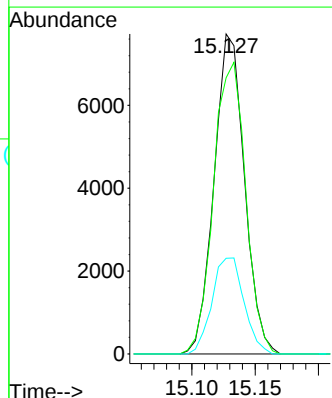
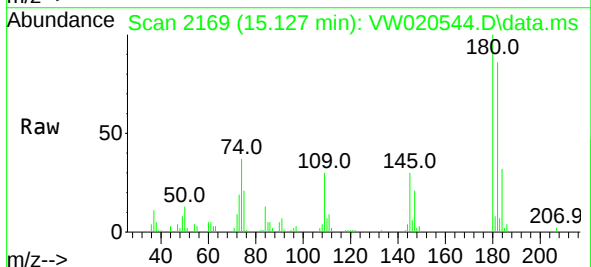
Instrument :
MSVOA_W
ClientSampleId :

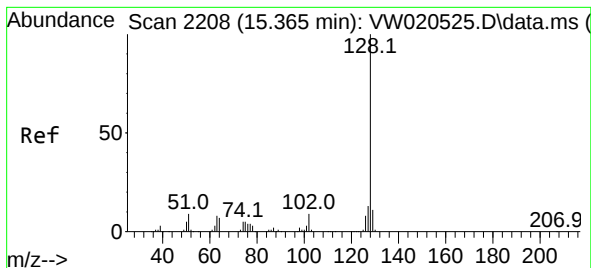
Tgt Ion:	180	Resp:	22018
Ion Ratio	Lower	Upper	
180	100		
182	93.7	73.4	110.0
184	31.3	24.2	36.4
145	32.1	23.7	35.5



#70
1,2,4-trichlorobenzene
Concen: 9.472 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

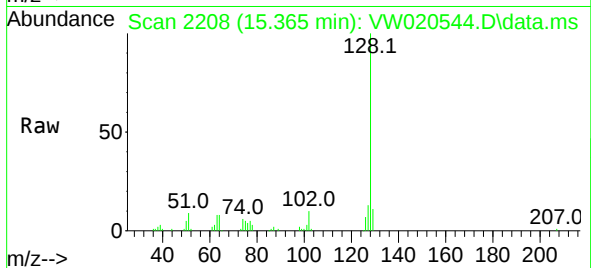
Tgt Ion:	180	Resp:	12894
Ion Ratio	Lower	Upper	
180	100		
182	96.5	75.8	113.8
145	31.6	24.8	37.2



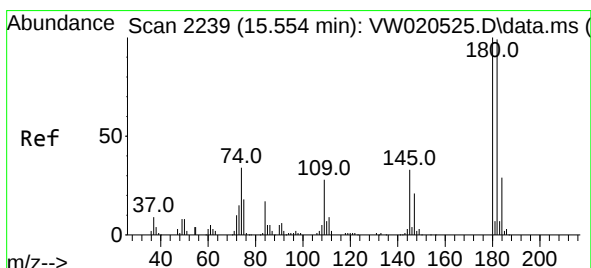
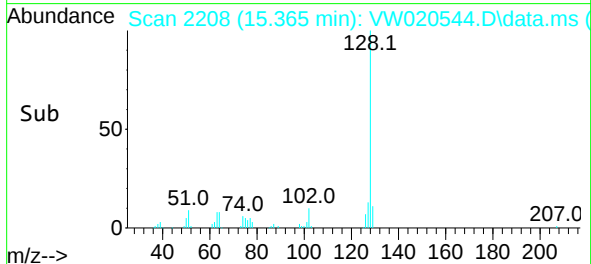
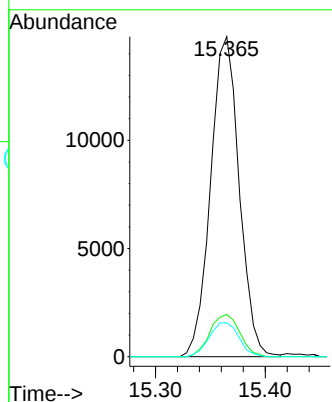


#71
Naphthalene
Concen: 10.967 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:128 Resp: 26841
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 8.891 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW020544.D
Acq: 15 Oct 2021 19:23

Tgt Ion:180 Resp: 10630
Ion Ratio Lower Upper
180 100
182 92.8 74.8 112.2
145 31.9 26.2 39.4

