

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101521\
 Data File : VW020531.D
 Acq On : 15 Oct 2021 14:10
 Operator : SY/VA
 Sample : M4210-14MS
 Misc : 4.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 16 06:57:01 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	207609	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	180318	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	76210	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	71946	23.816	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.280%
7) Chloroethane-d5	2.879	69	42622	26.710	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.840%
11) 1,1-Dichloroethene-d2	4.019	63	145640	23.528	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.120%
21) 2-Butanone-d5	7.086	46	41651	45.304	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.600%
24) Chloroform-d	7.653	84	164881	24.915	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.640%
26) 1,2-Dichloroethane-d4	8.305	65	89037	23.557	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.240%
32) Benzene-d6	8.275	84	311612	26.272	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.080%
36) 1,2-Dichloropropane-d6	9.274	67	100403	25.973	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.880%
41) Toluene-d8	10.323	98	275101	25.850	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	10.579	79	37739	24.024	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.080%
47) 2-Hexanone-d5	10.927	63	28763	48.368	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.740%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	67282	23.026	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	66446	22.288	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	32292	24.070	ug/L	97
3) Chloromethane	2.209	50	65561	23.503	ug/L	96
5) Vinyl chloride	2.355	62	90397	23.040	ug/L	99
6) Bromomethane	2.769	94	37144	21.797	ug/L	97
8) Chloroethane	2.916	64	36284	25.045	ug/L	97
9) Trichlorofluoromethane	3.251	101	48797	21.860	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	73629	23.127	ug/L	100
12) 1,1-Dichloroethene	4.037	96	68770	23.560	ug/L	93
13) Acetone	4.135	43	35579	42.152	ug/L	99
14) Carbon disulfide	4.379	76	206751	21.776	ug/L	99
15) Methyl Acetate	4.678	43	30816	19.659	ug/L	99
16) Methylene chloride	4.909	84	89399	22.151	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	72665	23.727	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	107848	24.995	ug/L	99
19) 1,1-Dichloroethane	6.214	63	153691	24.480	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	78229	24.575	ug/L	95
22) 2-Butanone	7.177	43	46580	44.086	ug/L	99
23) Bromochloromethane	7.519	128	32657	23.391	ug/L	98
25) Chloroform	7.677	83	148428	24.319	ug/L	99

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 Quant Title : SFAM01.0
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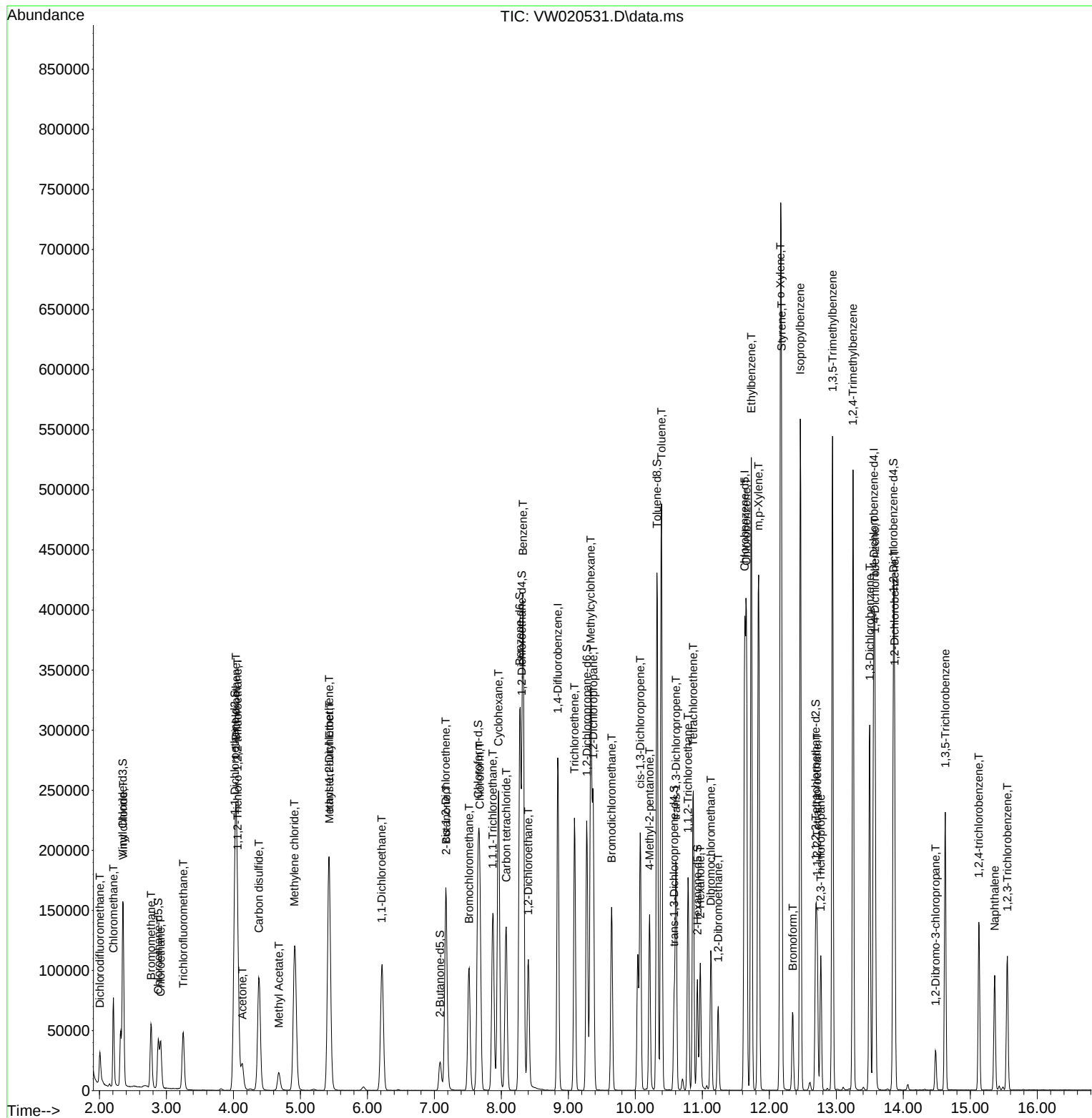
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	98135	23.508	ug/L	99
29) Cyclohexane	7.958	56	133832	25.351	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	116913	26.099	ug/L	99
31) Carbon tetrachloride	8.073	117	100402	25.493	ug/L	100
33) Benzene	8.323	78	334997	26.083	ug/L	100
34) Trichloroethene	9.091	95	77982	24.646	ug/L	94
35) Methylcyclohexane	9.335	83	121847	22.503	ug/L	99
37) 1,2-Dichloropropane	9.372	63	85879	25.821	ug/L	99
38) Bromodichloromethane	9.646	83	101551	25.466	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	115833	25.242	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	98207	49.196	ug/L	99
42) Toluene	10.390	91	335399	26.035	ug/L	98
44) trans-1,3-Dichloropropene	10.609	75	100199	24.769	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	51936	24.320	ug/L	99
46) Tetrachloroethene	10.866	164	55141	24.263	ug/L	93
48) 2-Hexanone	10.969	43	68185	46.554	ug/L	99
49) Dibromochloromethane	11.128	129	57733	24.539	ug/L	96
50) 1,2-Dibromoethane	11.237	107	45313	23.101	ug/L	93
51) Chlorobenzene	11.658	112	187051	23.546	ug/L	98
52) Ethylbenzene	11.731	91	352127	25.206	ug/L	98
53) m,p-Xylene	11.841	106	128013	24.732	ug/L	100
54) o-Xylene	12.164	106	121488	25.415	ug/L	98
55) Styrene	12.182	104	201647	24.126	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	59064	22.311	ug/L	98
59) Bromoform	12.353	173	28066	26.288	ug/L #	96
60) Isopropylbenzene	12.463	105	328673	29.383	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	44973	26.787	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	265234	29.042	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	257146	28.426	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	114102	23.576	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	111994	22.372	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	99822	22.513	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	8777	24.611	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	65052	18.850	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	41191	15.074	ug/L	98
71) Naphthalene	15.365	128	74668	15.198	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	35400	14.749	ug/L	99

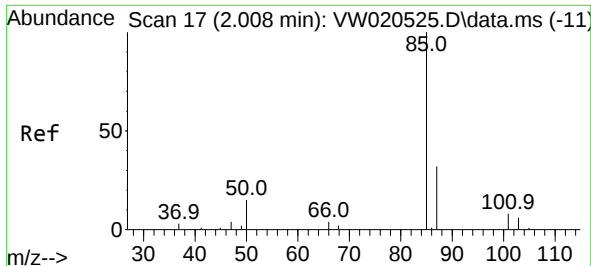
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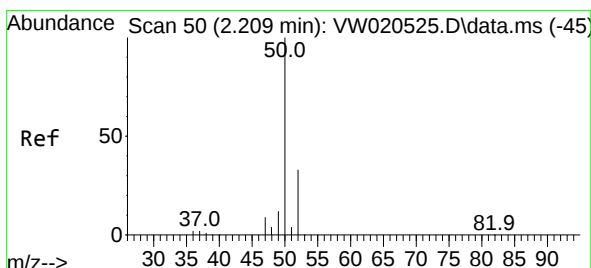
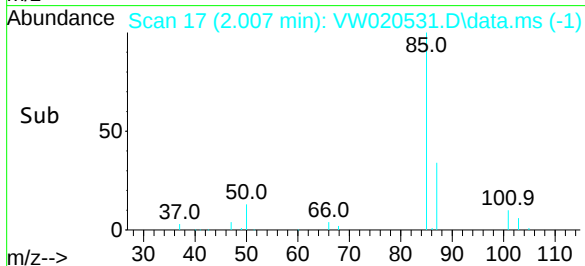
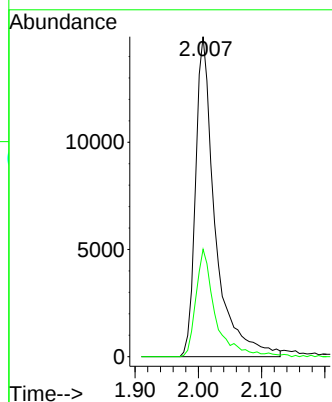
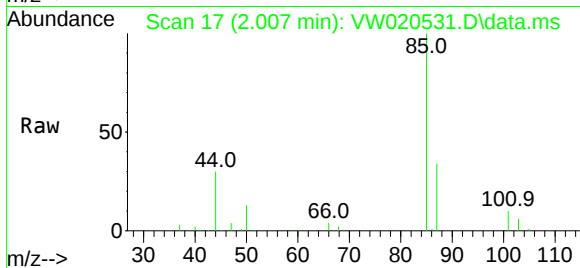




#2
Dichlorodifluoromethane
Concen: 24.070 ug/L
RT: 2.007 min Scan# 17
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

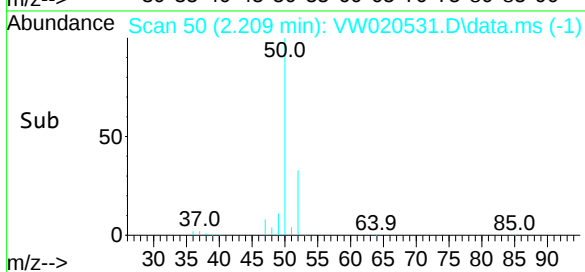
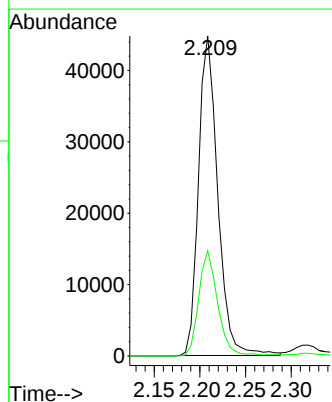
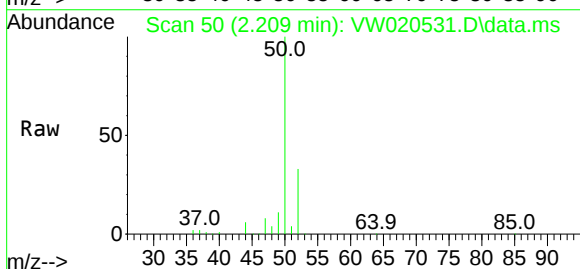
Instrument :
MSVOA_W
ClientSampled :

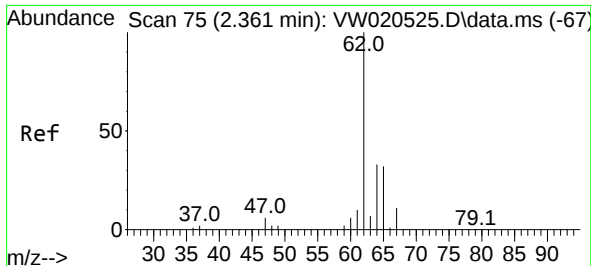
Tgt Ion: 85 Resp: 32292
Ion Ratio Lower Upper
85 100
87 29.6 24.9 37.3



#3
Chloromethane
Concen: 23.503 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

Tgt Ion: 50 Resp: 65561
Ion Ratio Lower Upper
50 100
52 32.9 21.5 39.9

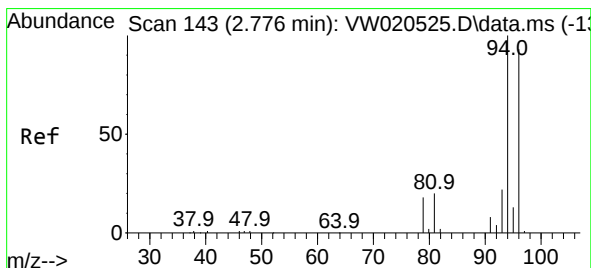
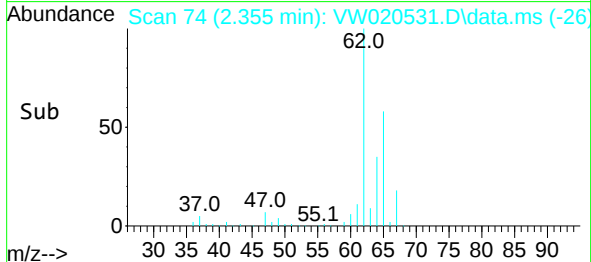
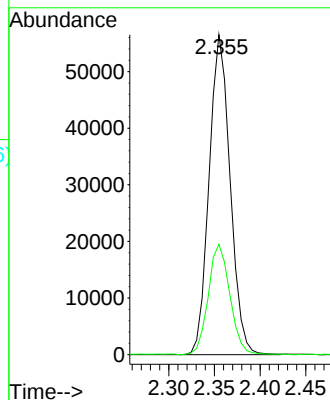
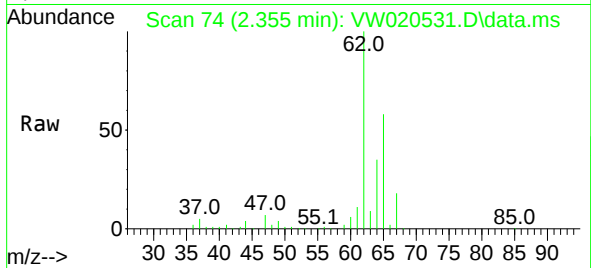




#5
 Vinyl chloride
 Concen: 23.040 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW020531.D
 Acq: 15 Oct 2021 14:10

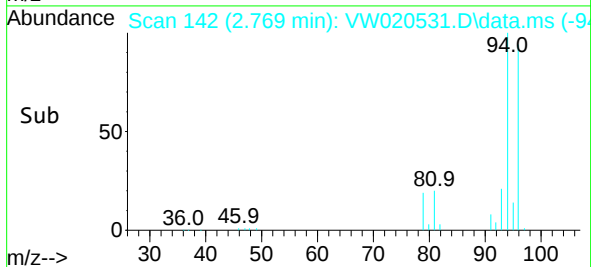
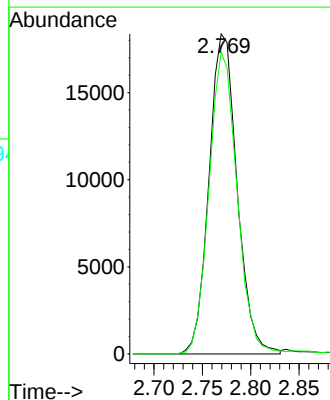
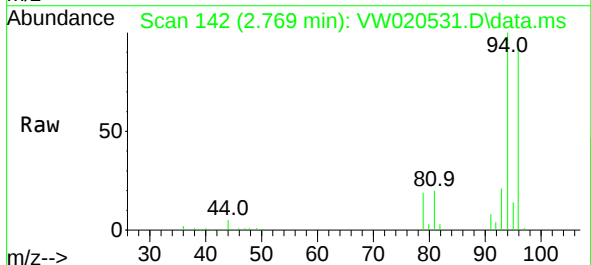
Instrument :
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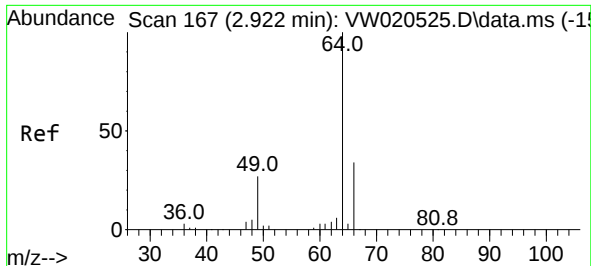
Tgt Ion: 62 Resp: 90397
 Ion Ratio Lower Upper
 62 100
 64 34.5 24.6 45.6



#6
 Bromomethane
 Concen: 21.797 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW020531.D
 Acq: 15 Oct 2021 14:10

Tgt Ion: 94 Resp: 37144
 Ion Ratio Lower Upper
 94 100
 96 94.3 67.8 126.0

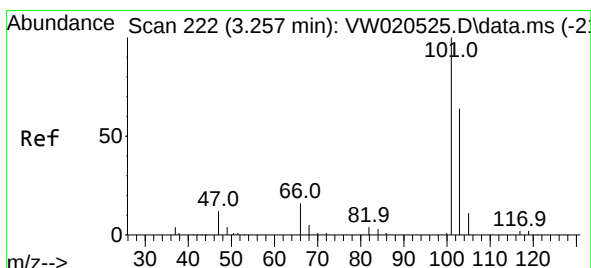
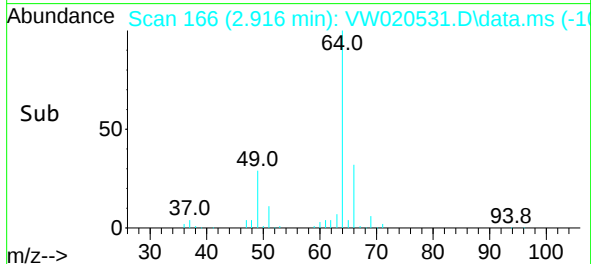
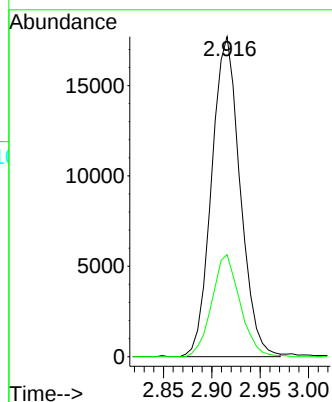
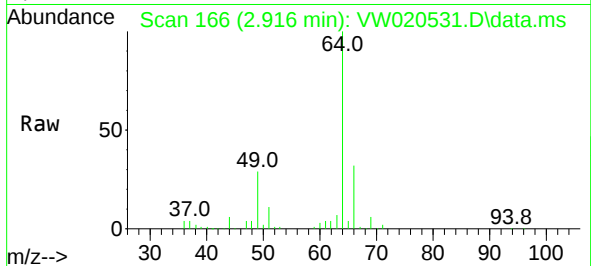




#8
Chloroethane
Concen: 25.045 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

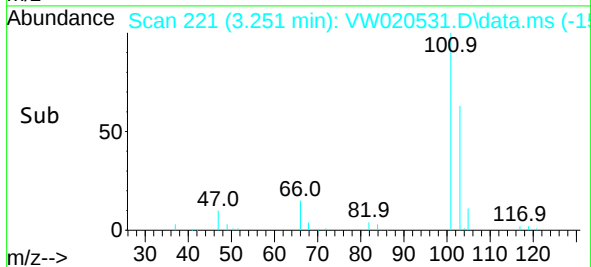
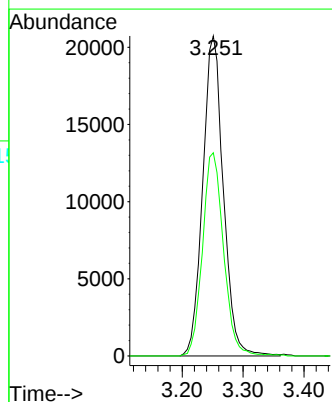
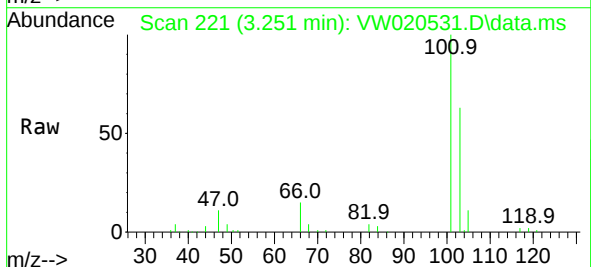
Instrument :
MSVOA_W
ClientSampled :

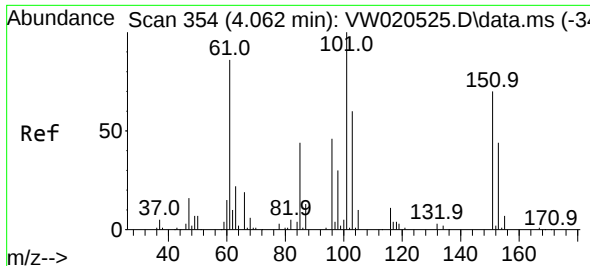
Tgt Ion: 64 Resp: 36284
Ion Ratio Lower Upper
64 100
66 31.9 21.2 39.4



#9
Trichlorofluoromethane
Concen: 21.860 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

Tgt Ion:101 Resp: 48797
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.4

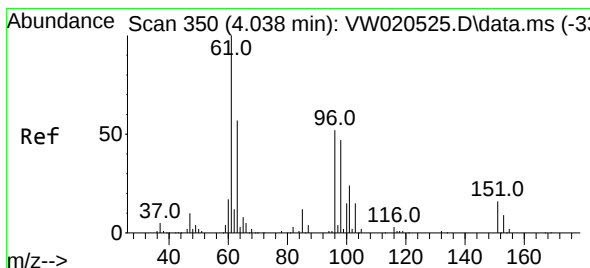
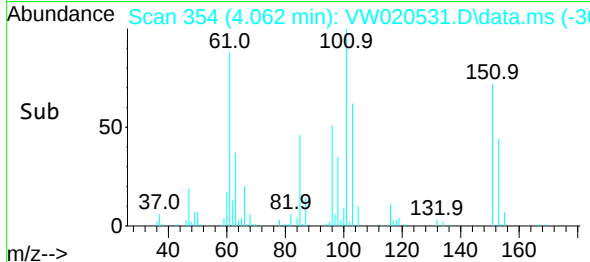
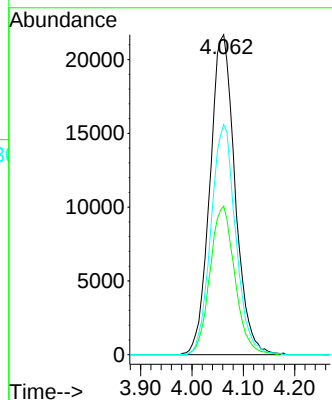
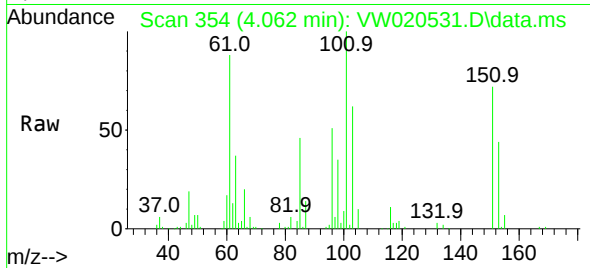




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.127 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW020531.D
 Acq: 15 Oct 2021 14:10

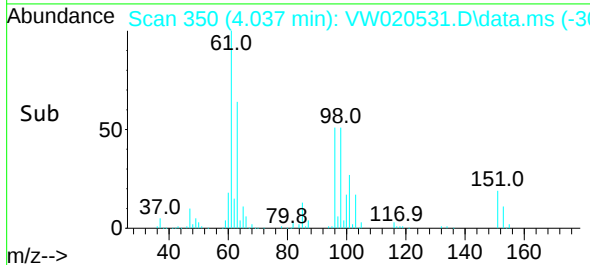
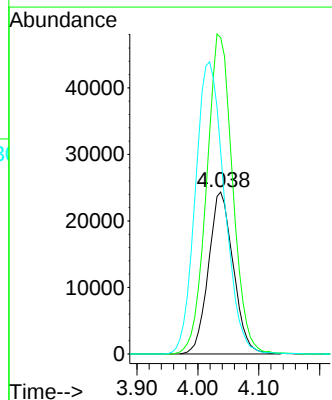
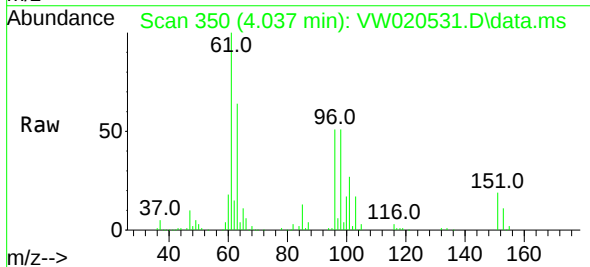
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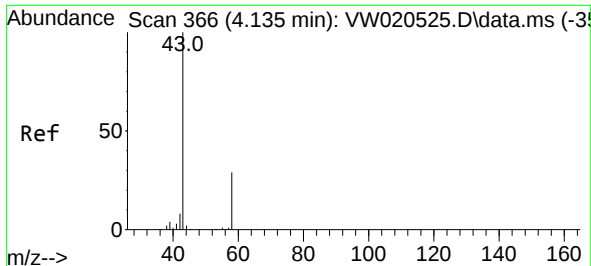
Tgt Ion:101 Resp: 73629
 Ion Ratio Lower Upper
 101 100
 85 45.8 36.3 54.5
 151 70.7 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 23.560 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW020531.D
 Acq: 15 Oct 2021 14:10

Tgt Ion: 96 Resp: 68770
 Ion Ratio Lower Upper
 96 100
 61 195.4 133.9 248.7
 63 125.0 77.3 143.7

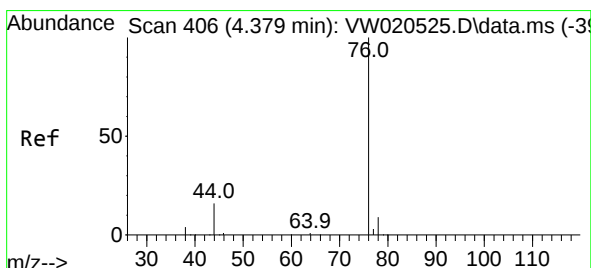
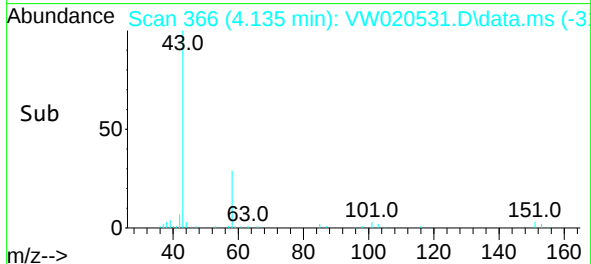
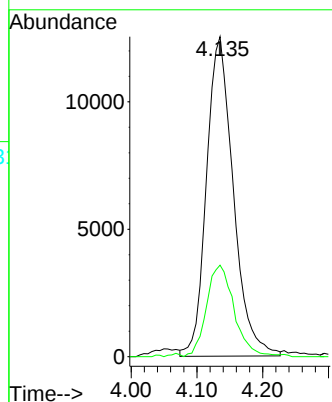
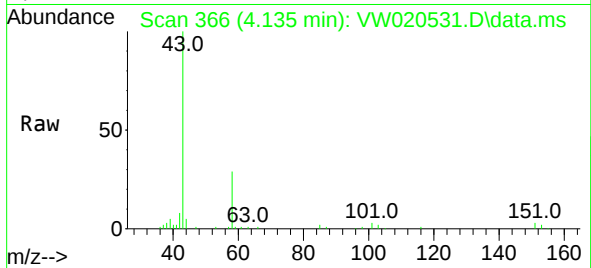




#13
Acetone
Concen: 42.152 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

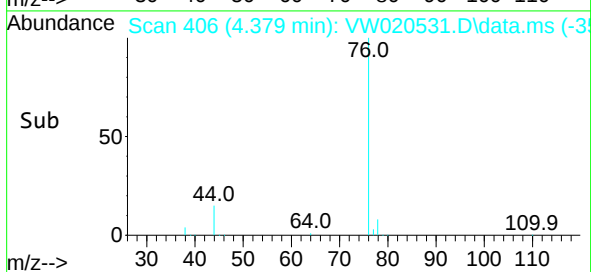
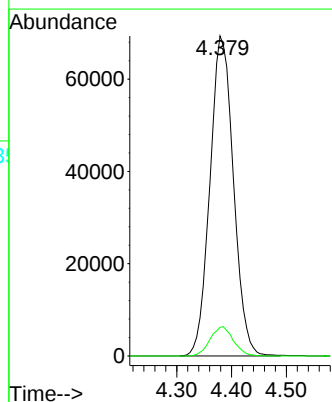
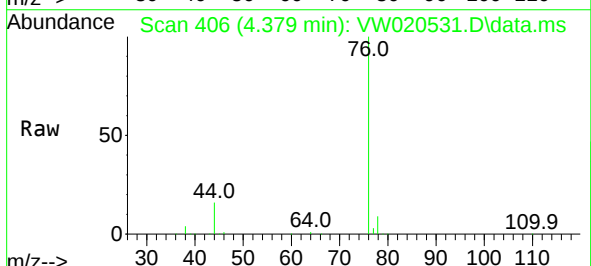
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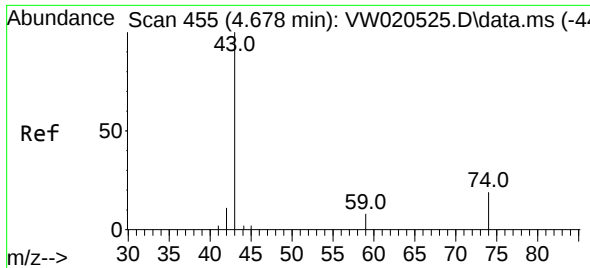
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Ion Ratio Lower Upper
43 100
58 29.5 0.0 58.4



#14
Carbon disulfide
Concen: 21.776 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

Tgt Ion: 76 Resp: 206751
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

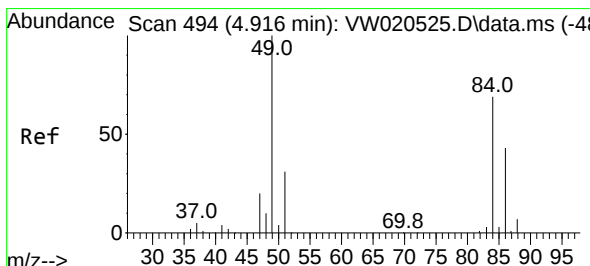
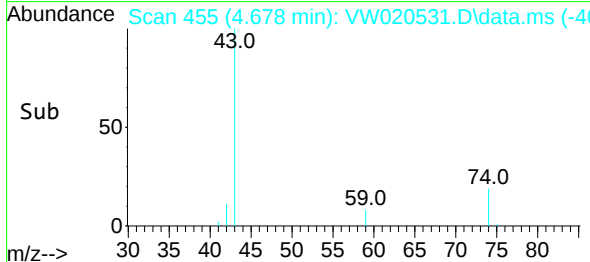
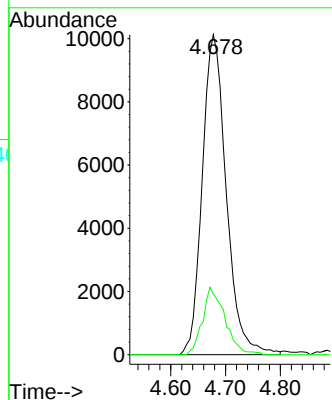
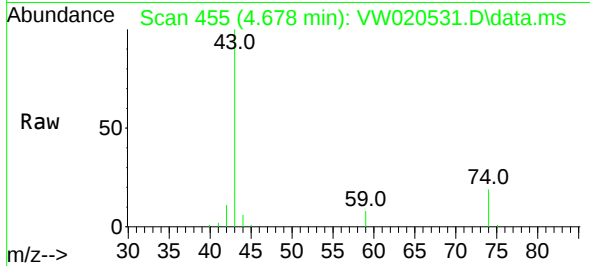




#15
Methyl Acetate
Concen: 19.659 ug/L
RT: 4.678 min Scan# 455
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

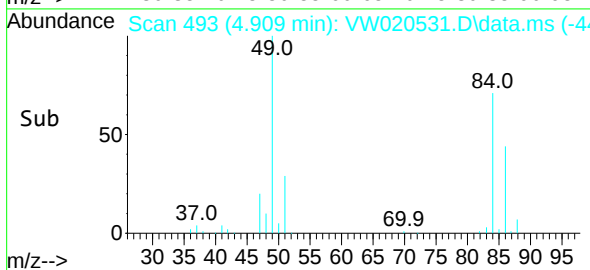
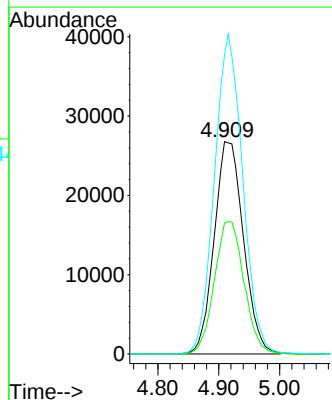
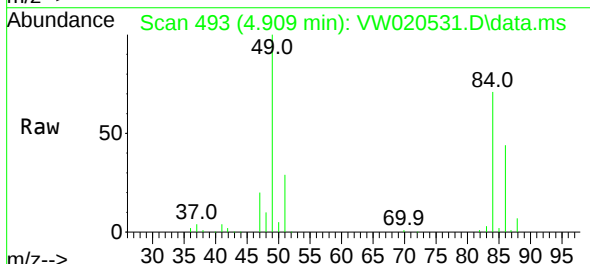
Instrument :
MSVOA_W
ClientSampled :

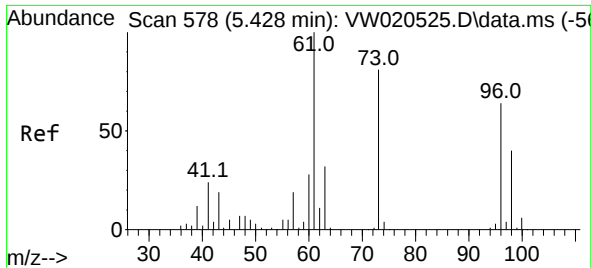
Tgt Ion: 43 Resp: 30816
Ion Ratio Lower Upper
43 100
74 19.6 16.1 24.1



#16
Methylene chloride
Concen: 22.151 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

Tgt Ion: 84 Resp: 89399
Ion Ratio Lower Upper
84 100
86 61.8 44.7 83.1
49 140.8 101.7 188.9

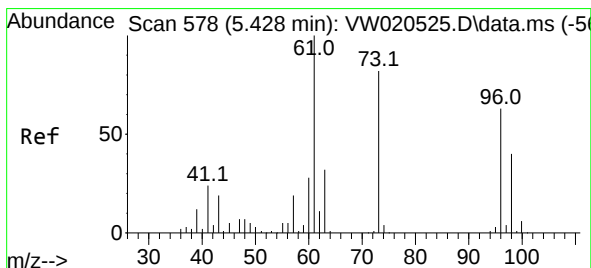
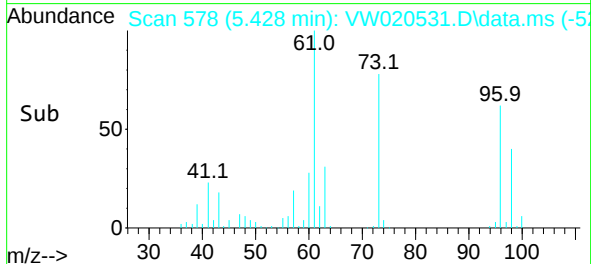
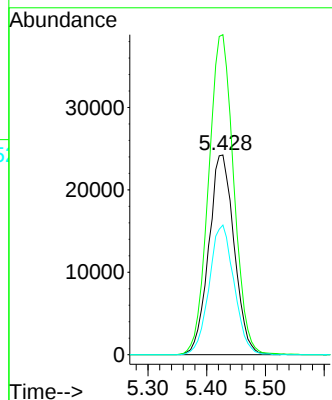
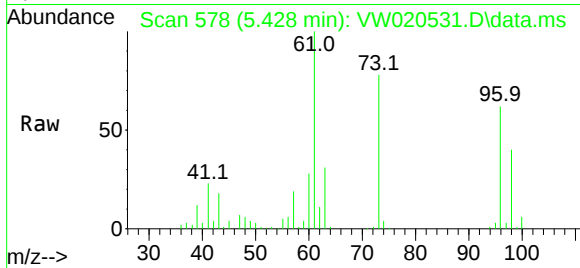




#17
trans-1,2-Dichloroethene
Concen: 23.727 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

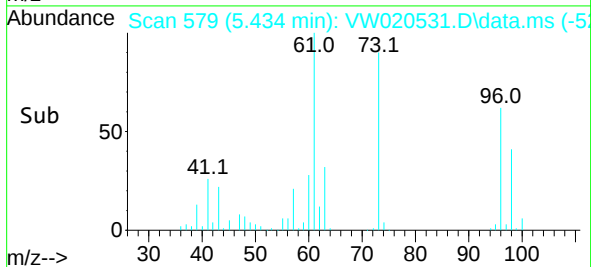
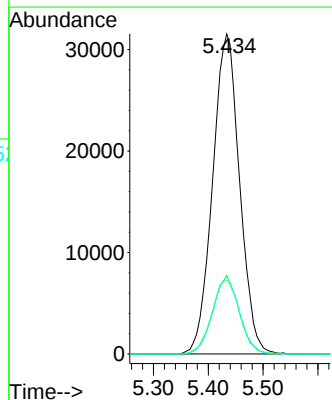
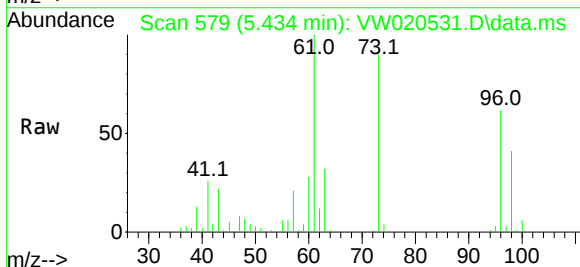
Instrument :
MSVOA_W
ClientSampled :

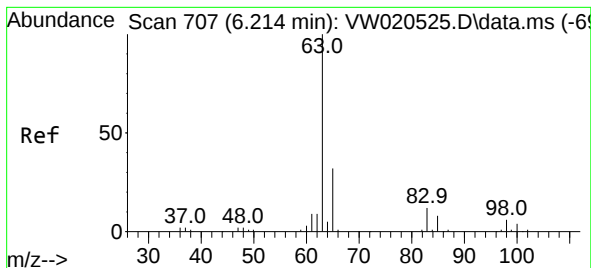
Tgt Ion: 96 Resp: 72665
Ion Ratio Lower Upper
96 100
61 160.2 110.7 205.5
98 64.9 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 24.995 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

Tgt Ion: 73 Resp: 107848
Ion Ratio Lower Upper
73 100
43 24.1 18.9 28.3
57 23.7 18.9 28.3

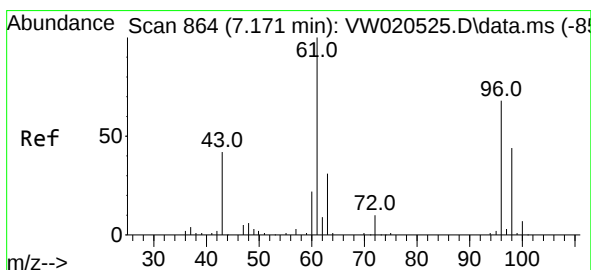
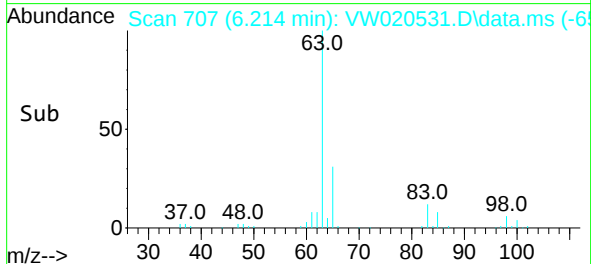
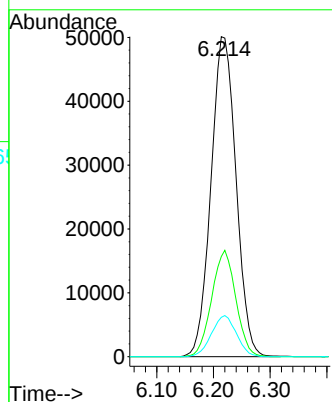
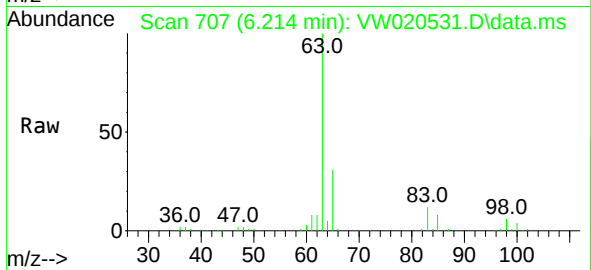




#19
1,1-Dichloroethane
Concen: 24.480 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

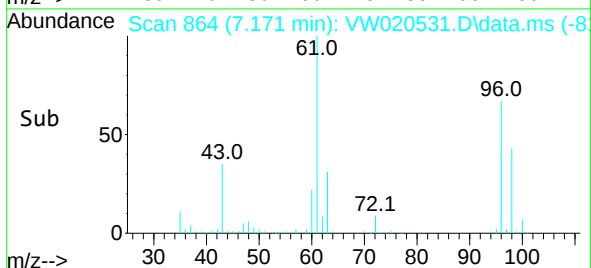
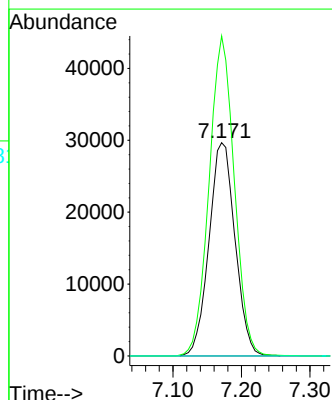
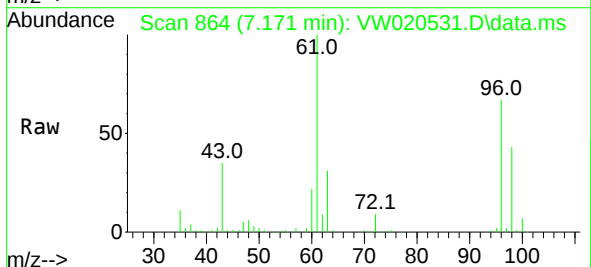
Instrument :
MSVOA_W
ClientSampled :

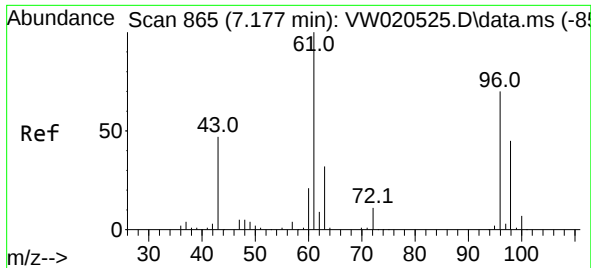
Tgt Ion: 63 Resp: 153691
Ion Ratio Lower Upper
63 100
65 31.3 21.9 40.7
83 12.3 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 24.575 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

Tgt Ion: 96 Resp: 78229
Ion Ratio Lower Upper
96 100
61 150.0 100.3 186.3
68 0.0 0.0 0.0

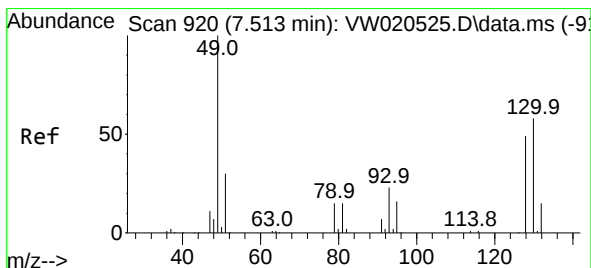
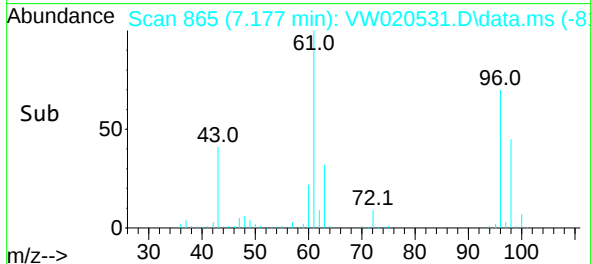
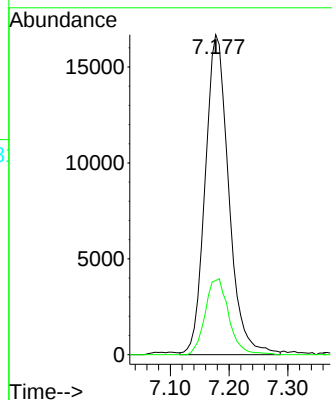
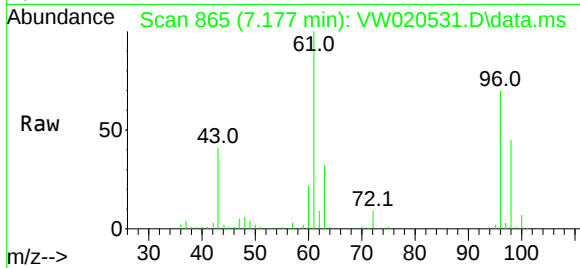




#22
2-Butanone
Concen: 44.086 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

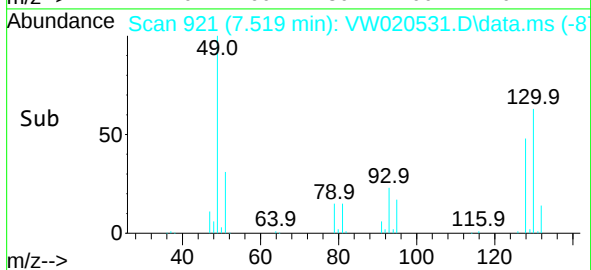
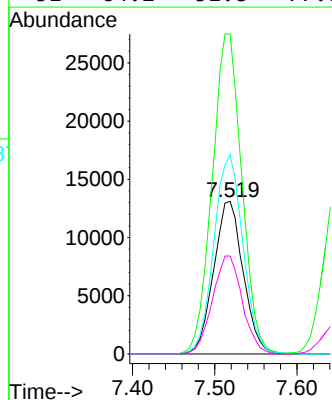
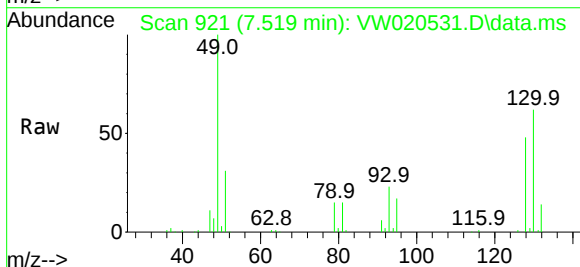
Instrument :
MSVOA_W
ClientSampled :

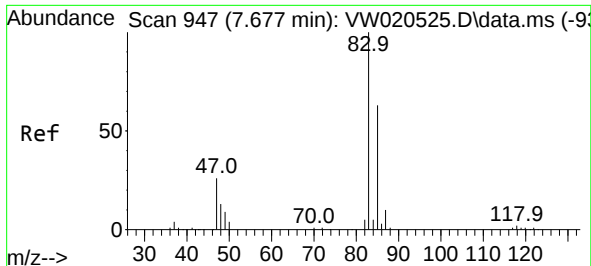
Tgt Ion: 43 Resp: 46580
Ion Ratio Lower Upper
43 100
72 23.7 12.2 36.6



#23
Bromochloromethane
Concen: 23.391 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

Tgt Ion:128 Resp: 32657
Ion Ratio Lower Upper
128 100
49 209.6 144.1 267.7
130 130.5 89.2 165.6
51 64.2 51.8 77.8

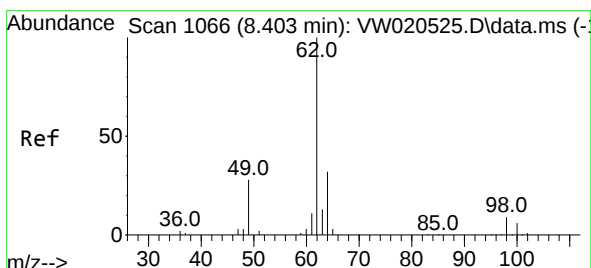
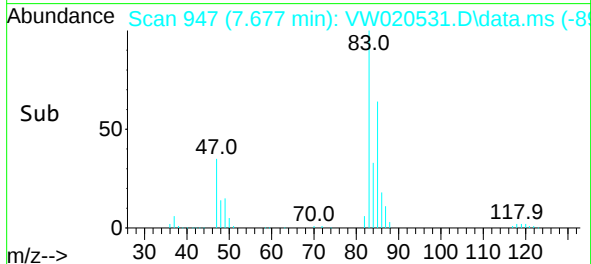
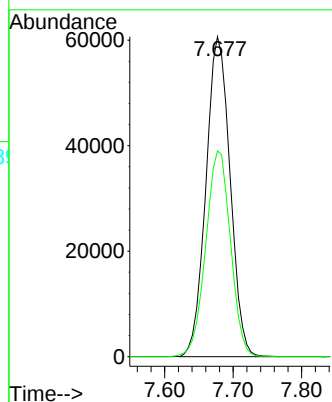
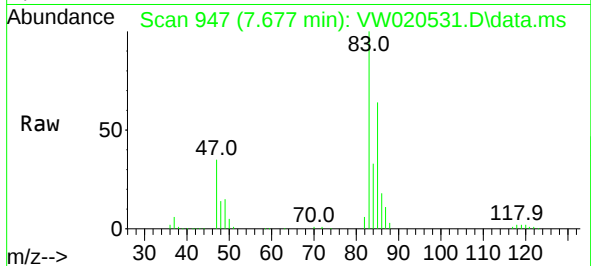




#25
Chloroform
Concen: 24.319 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

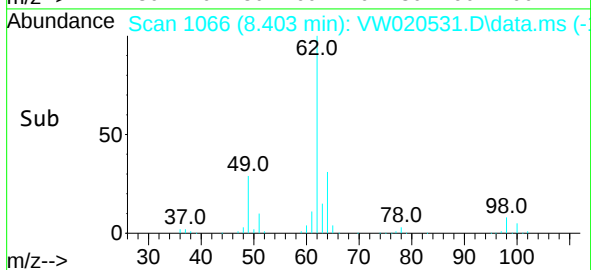
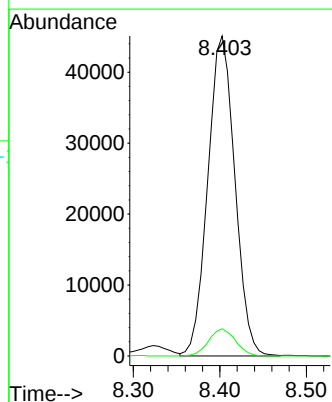
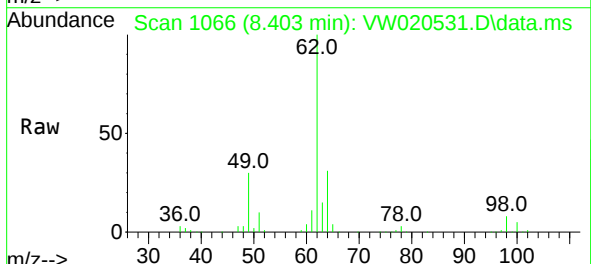
Instrument :
MSVOA_W
ClientSampled :

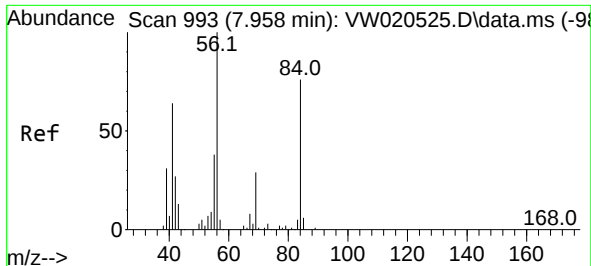
Tgt Ion: 83 Resp: 148428
Ion Ratio Lower Upper
83 100
85 64.3 44.6 82.8



#27
1,2-Dichloroethane
Concen: 23.508 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

Tgt Ion: 62 Resp: 98135
Ion Ratio Lower Upper
62 100
98 8.5 6.6 10.0





#29

Cyclohexane

Concen: 25.351 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

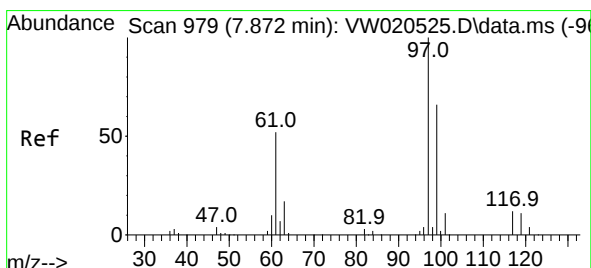
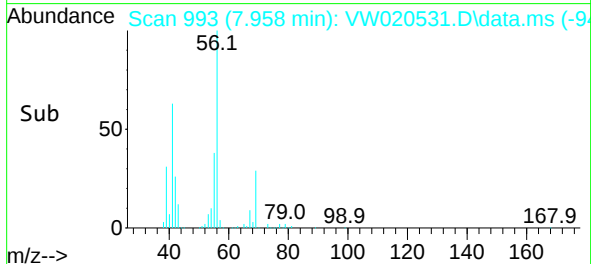
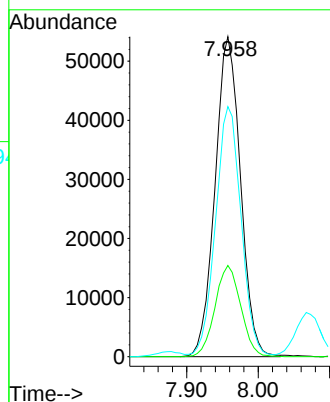
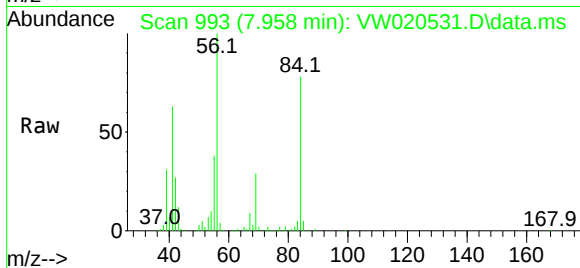
Lab File: VW020531.D

Acq: 15 Oct 2021 14:10

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 56 Resp: 133832

Ion	Ratio	Lower	Upper
56	100		
69	28.7	23.2	34.8
84	78.7	63.7	95.5



#30

1,1,1-Trichloroethane

Concen: 26.099 ug/L

RT: 7.872 min Scan# 979

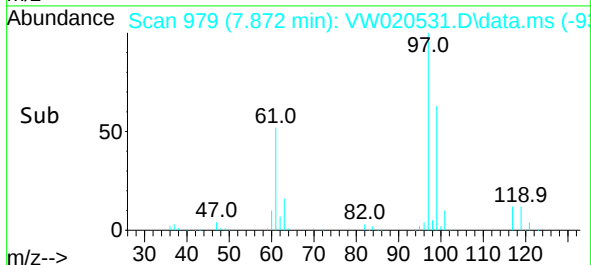
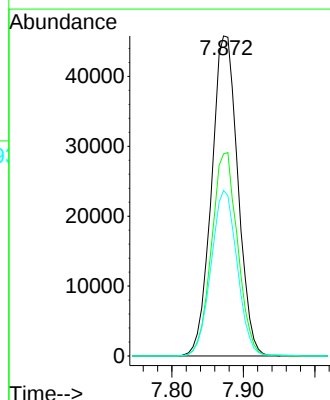
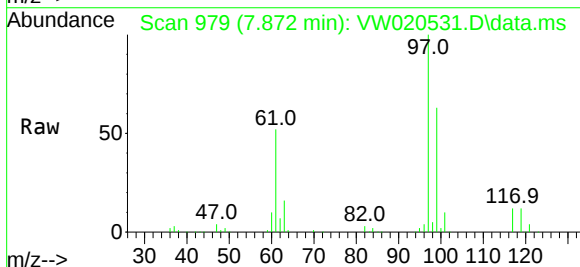
Delta R.T. -0.000 min

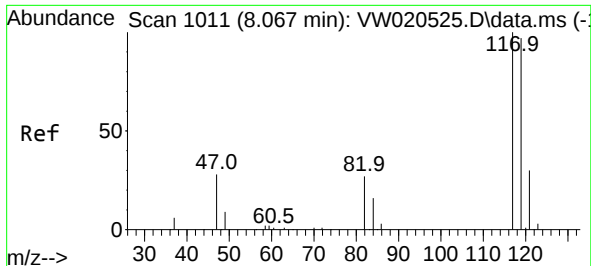
Lab File: VW020531.D

Acq: 15 Oct 2021 14:10

Tgt Ion: 97 Resp: 116913

Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.4	77.0
61	51.3	41.0	61.6

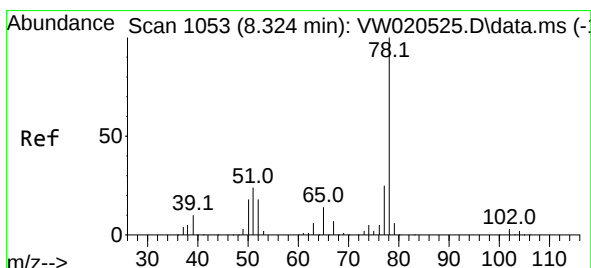
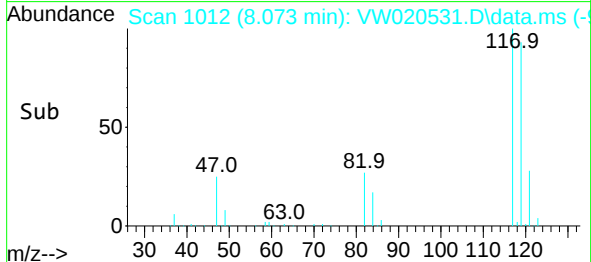
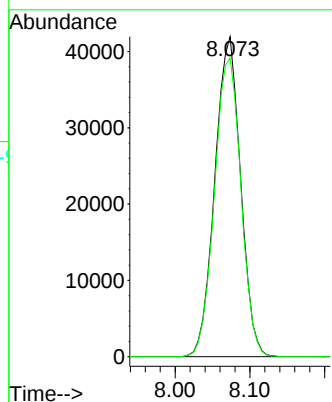
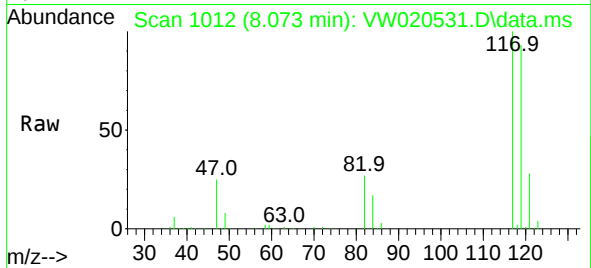




#31
Carbon tetrachloride
Concen: 25.493 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

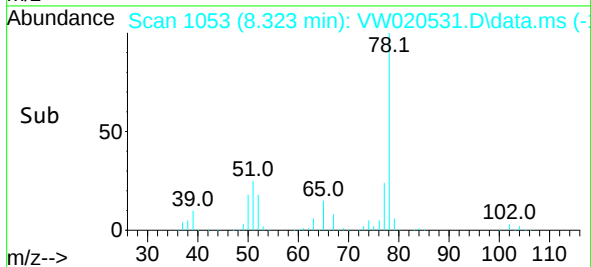
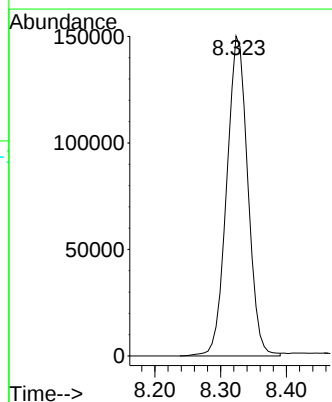
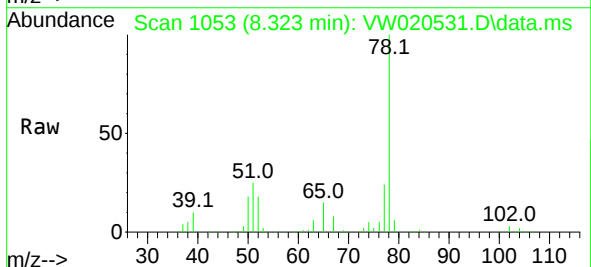
Instrument :
MSVOA_W
ClientSampled :

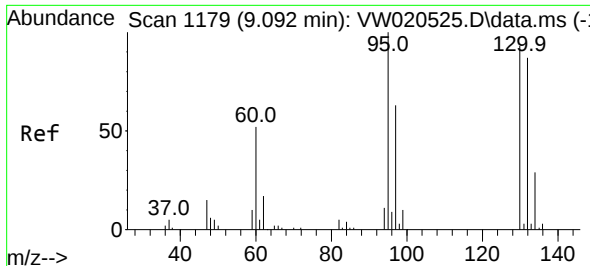
Tgt Ion:117 Resp: 100402
Ion Ratio Lower Upper
117 100
119 96.0 77.0 115.4



#33
Benzene
Concen: 26.083 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

Tgt Ion: 78 Resp: 334997



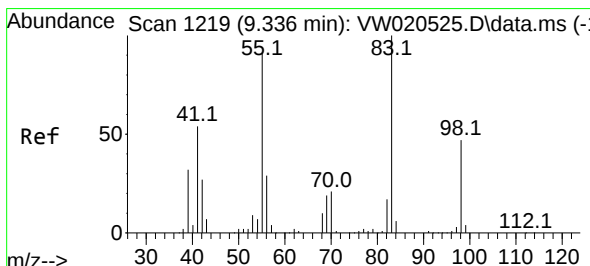
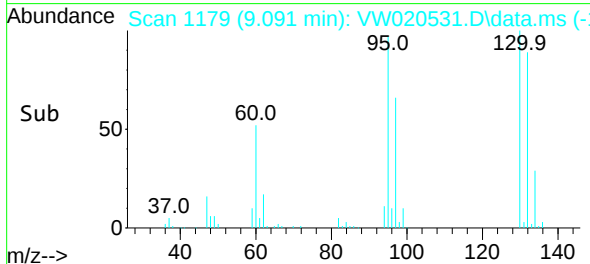
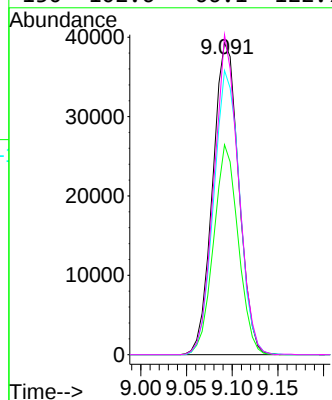
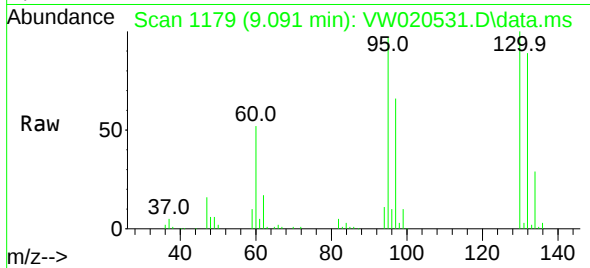


#34
Trichloroethene
Concen: 24.646 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 77982

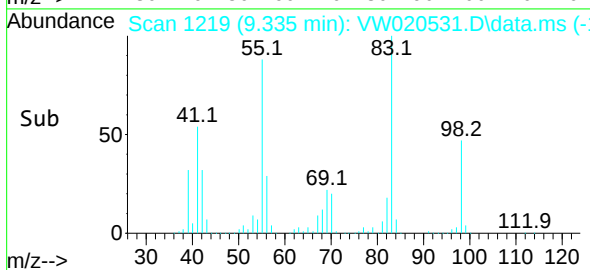
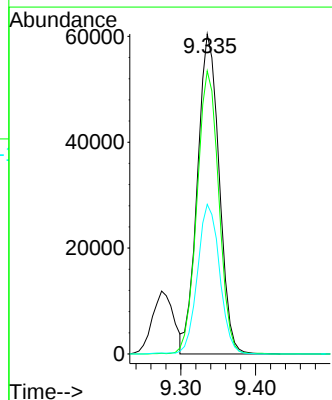
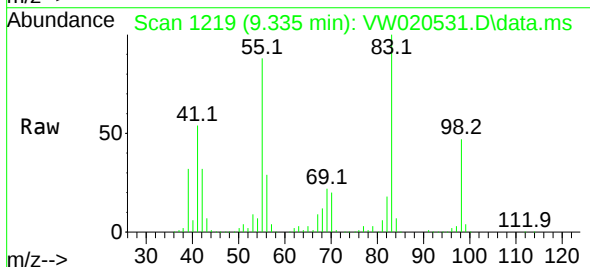
Ion	Ratio	Lower	Upper
95	100		
97	67.3	43.2	80.2
132	91.1	62.3	115.7
130	102.6	66.1	122.7

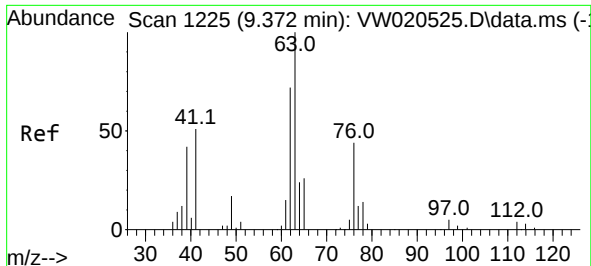


#35
Methylcyclohexane
Concen: 22.503 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

Tgt Ion: 83 Resp: 121847

Ion	Ratio	Lower	Upper
83	100		
55	88.6	69.7	104.5
98	47.5	38.2	57.2





#37

1,2-Dichloropropane

Concen: 25.821 ug/L

RT: 9.372 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VW020531.D

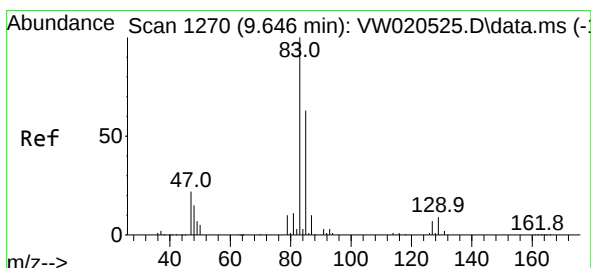
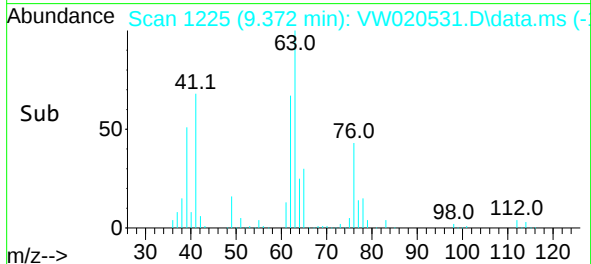
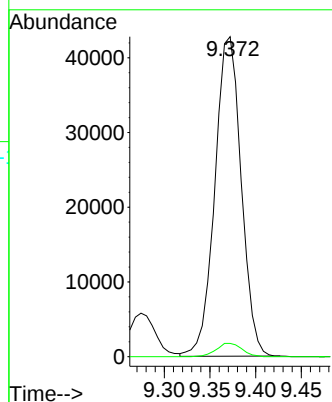
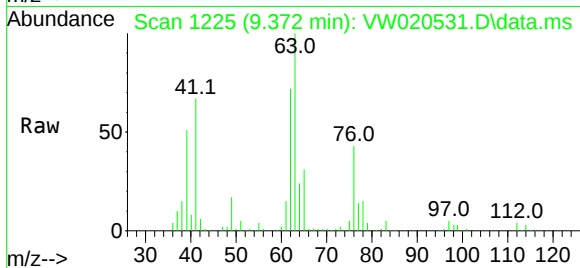
Acq: 15 Oct 2021 14:10

Tgt Ion: 63 Resp: 85879

Ion Ratio Lower Upper

63 100

112 4.1 3.5 5.3



#38

Bromodichloromethane

Concen: 25.466 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW020531.D

Acq: 15 Oct 2021 14:10

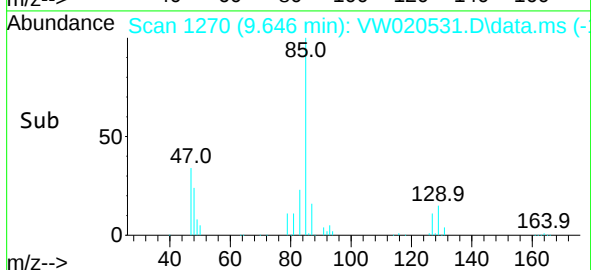
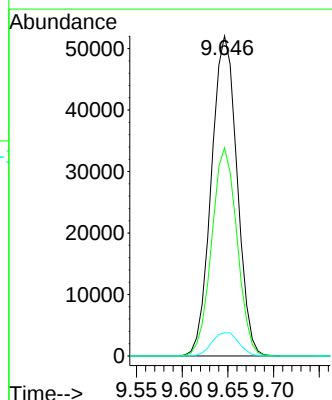
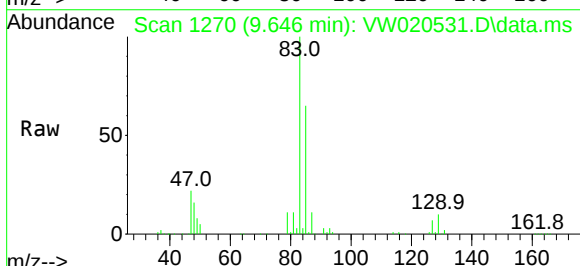
Tgt Ion: 83 Resp: 101551

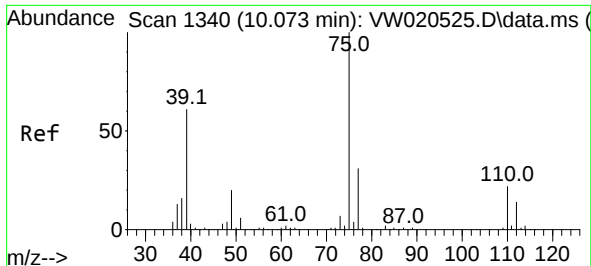
Ion Ratio Lower Upper

83 100

85 65.0 43.4 80.6

127 7.3 6.2 9.2

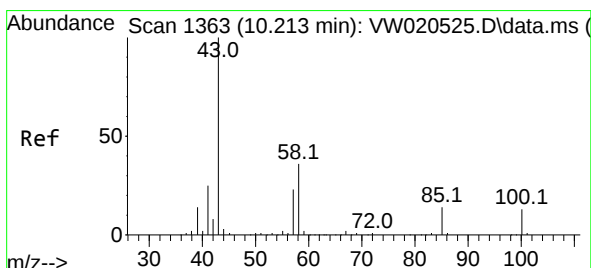
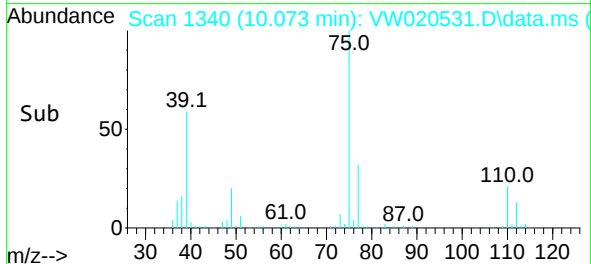
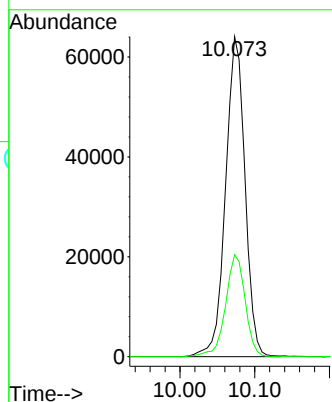
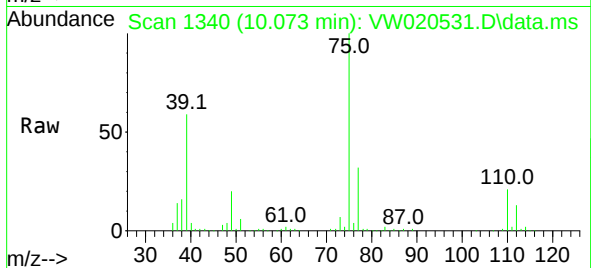




#39
 cis-1,3-Dichloropropene
 Concen: 25.242 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW020531.D
 Acq: 15 Oct 2021 14:10

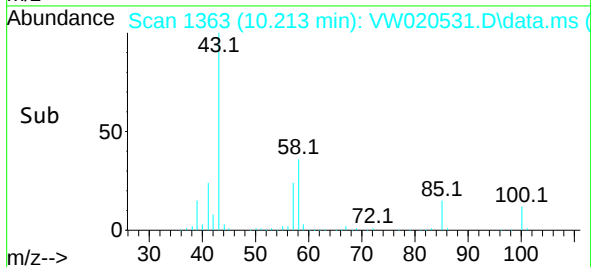
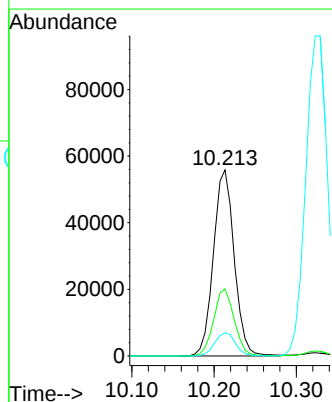
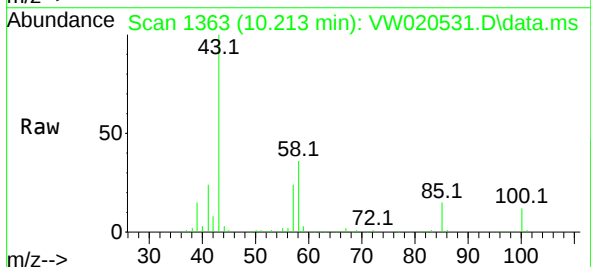
Instrument :
 MSVOA_W
 ClientSampled :

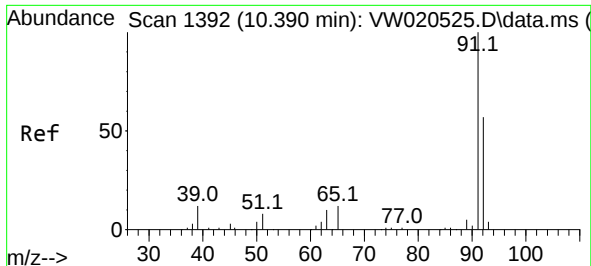
Tgt Ion: 75 Resp: 115833
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 49.196 ug/L
 RT: 10.213 min Scan# 1363
 Delta R.T. -0.000 min
 Lab File: VW020531.D
 Acq: 15 Oct 2021 14:10

Tgt Ion: 43 Resp: 98207
 Ion Ratio Lower Upper
 43 100
 58 35.6 29.0 43.4
 100 12.5 10.2 15.4





#42

Toluene

Concen: 26.035 ug/L

RT: 10.390 min Scan# 1392

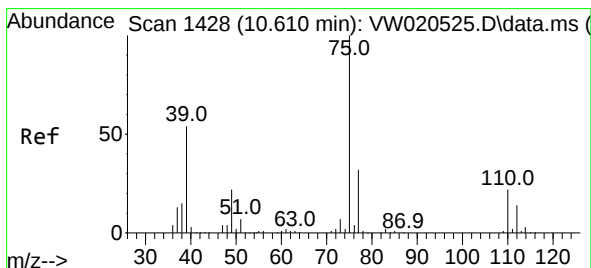
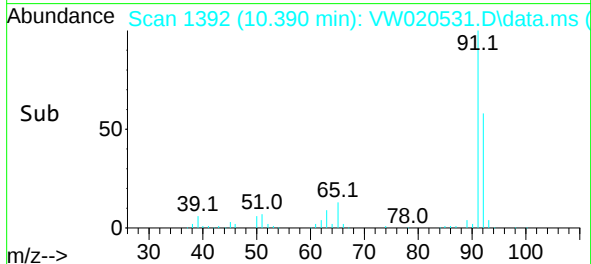
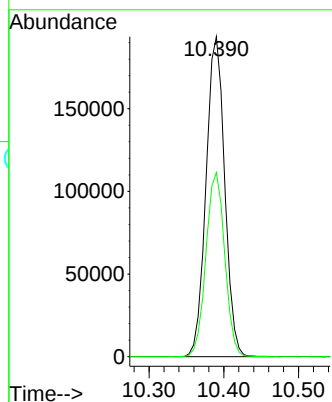
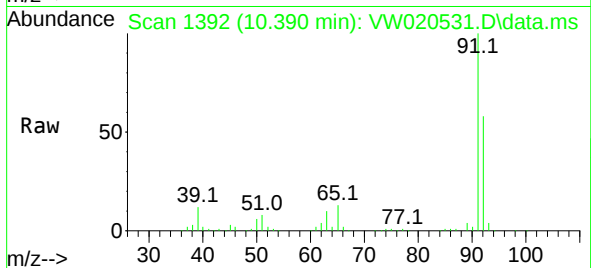
Delta R.T. -0.000 min

Lab File: VW020531.D

Acq: 15 Oct 2021 14:10

Tgt Ion: 91 Resp: 335399

Ion	Ratio	Lower	Upper
91	100		
92	57.5	41.5	77.1



#44

trans-1,3-Dichloropropene

Concen: 24.769 ug/L

RT: 10.609 min Scan# 1428

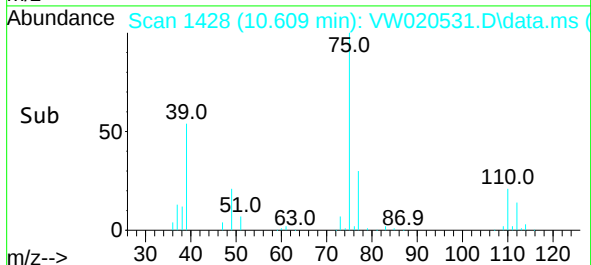
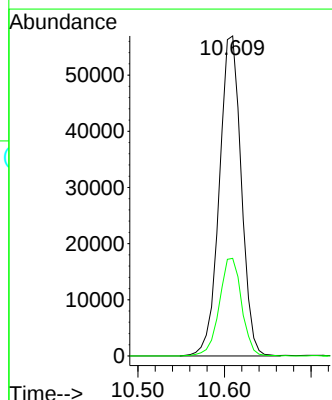
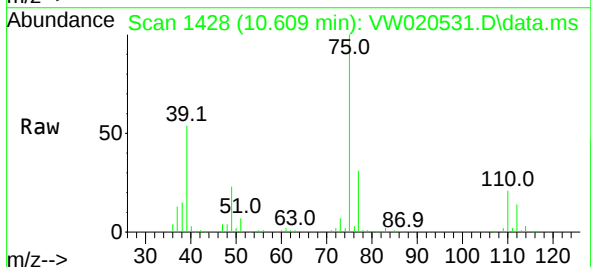
Delta R.T. -0.000 min

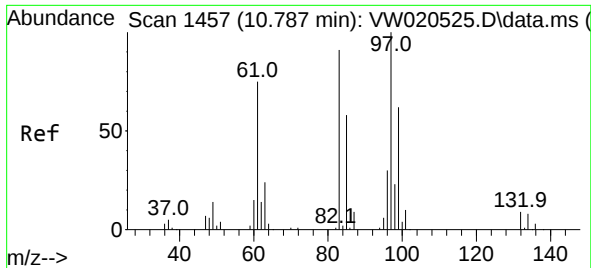
Lab File: VW020531.D

Acq: 15 Oct 2021 14:10

Tgt Ion: 75 Resp: 100199

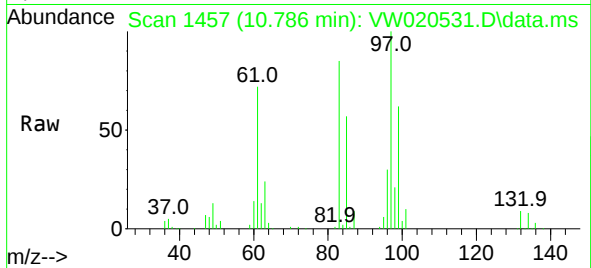
Ion	Ratio	Lower	Upper
75	100		
77	30.5	21.8	40.4



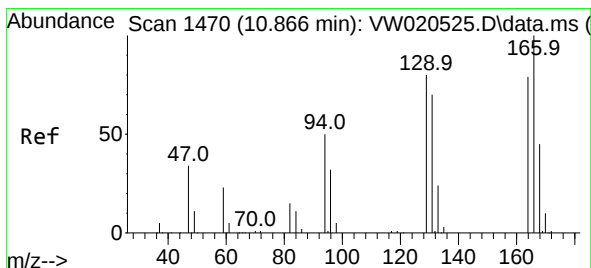
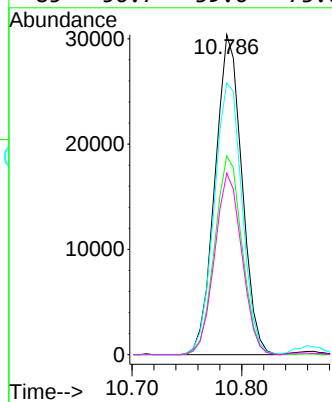
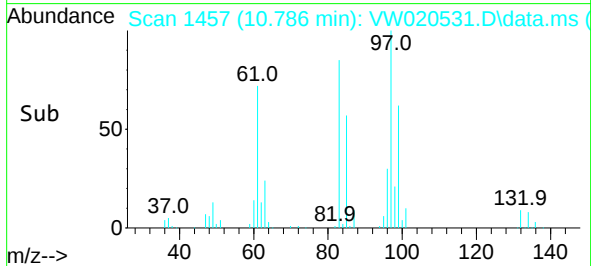


#45
1,1,2-Trichloroethane
Concen: 24.320 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

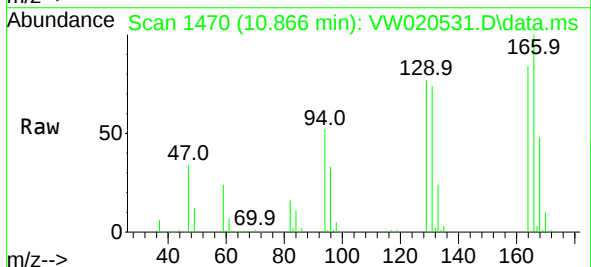
Instrument :
MSVOA_W
ClientSampleId :



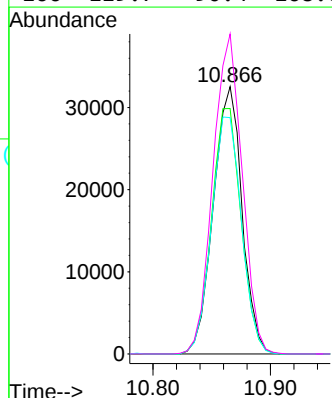
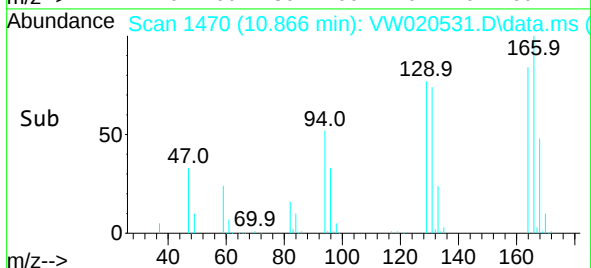
Tgt Ion: 97	Resp: 51936
Ion Ratio	Lower Upper
97 100	
99 62.1	42.8 79.4
83 84.9	60.9 113.1
85 56.7	39.6 73.6

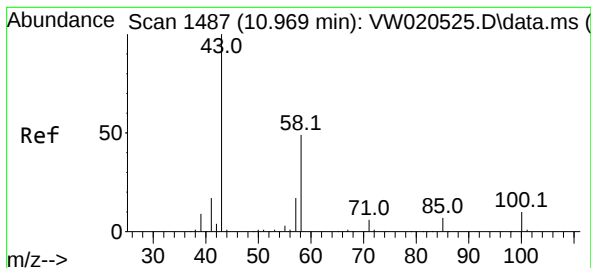


#46
Tetrachloroethene
Concen: 24.263 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10



Tgt	Ion:164	Resp:	55141
Ion	Ratio	Lower	Upper
164	100		
129	91.8	69.1	128.3
131	88.4	58.3	108.3
166	119.7	90.4	168.0

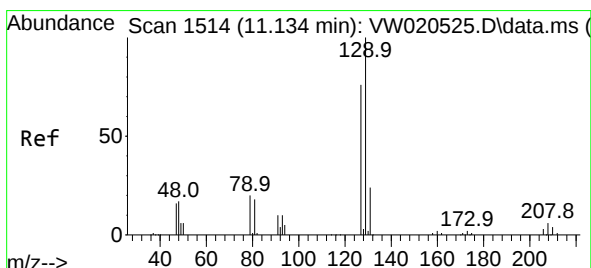
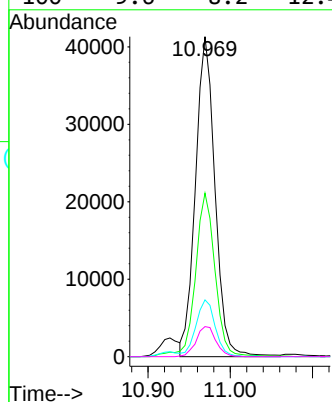
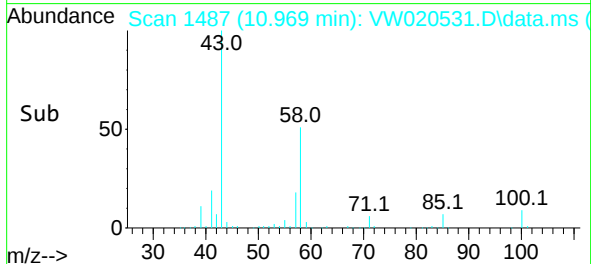
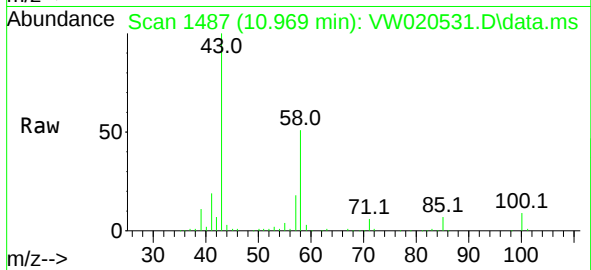




#48
2-Hexanone
Concen: 46.554 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

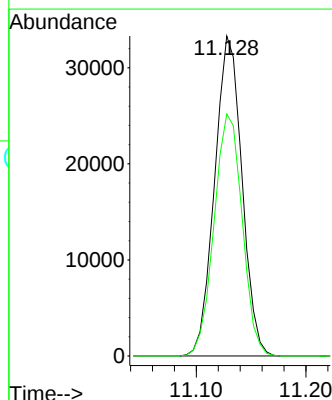
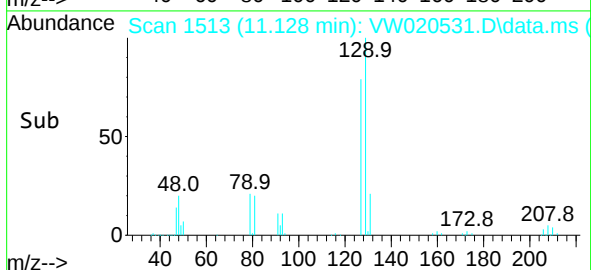
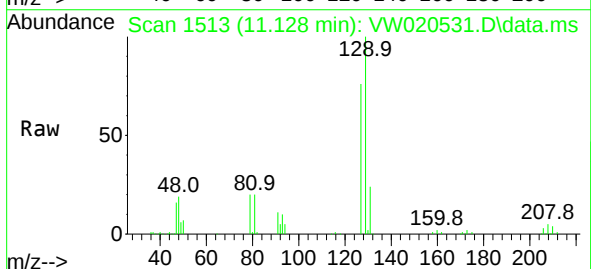
Instrument :
MSVOA_W
ClientSampled :

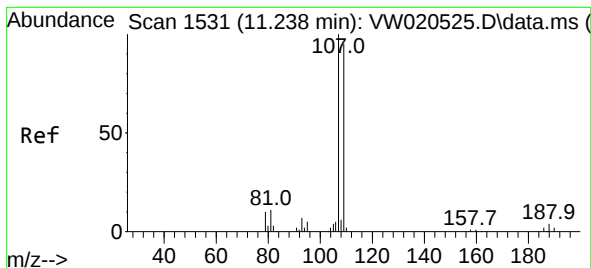
Tgt Ion: 43	Resp: 68185
Ion Ratio	Lower Upper
43	100
58	49.8 39.5 59.3
57	17.5 14.2 21.4
100	9.6 8.2 12.4



#49
Dibromochloromethane
Concen: 24.539 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

Tgt Ion: 129	Resp: 57733
Ion Ratio	Lower Upper
129	100
127	75.6 55.1 102.3

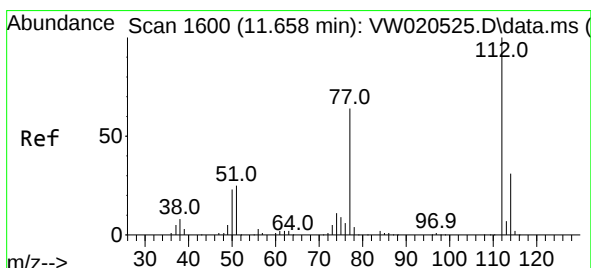
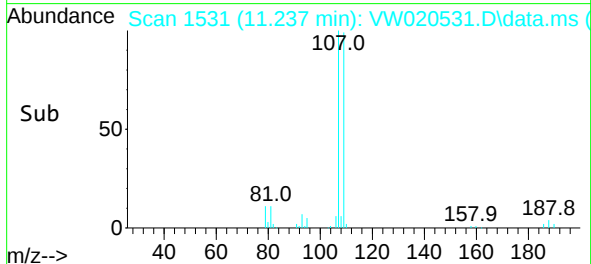
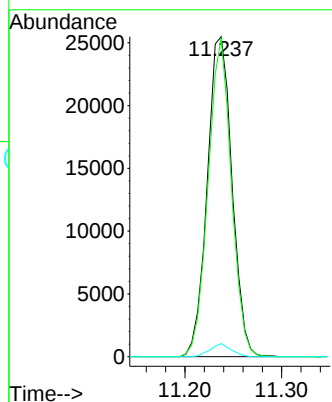
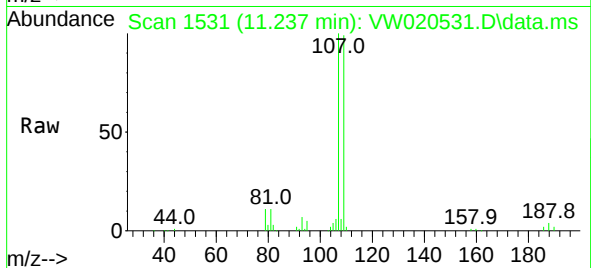




#50
1,2-Dibromoethane
Concen: 23.101 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

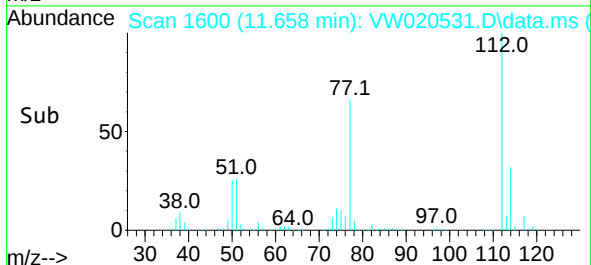
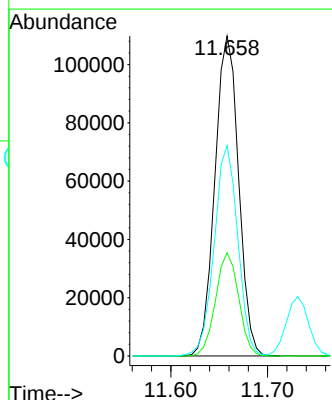
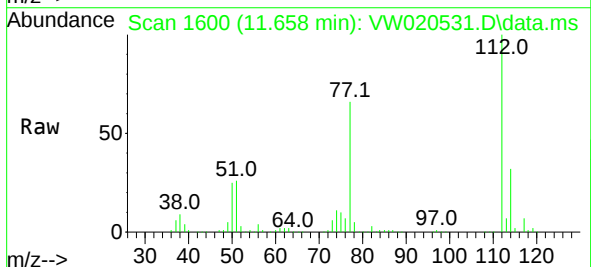
Instrument :
MSVOA_W
ClientSampleId :

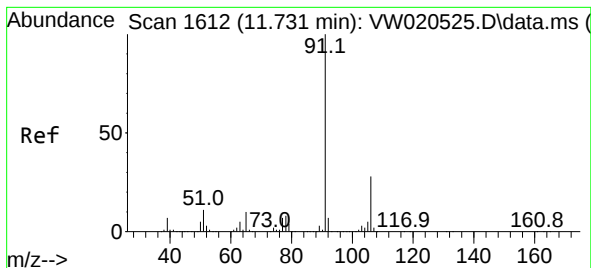
Tgt Ion:	107	Resp:	45313
Ion	Ratio	Lower	Upper
107	100		
109	99.4	64.5	119.9
188	4.1	3.2	4.8



#51
Chlorobenzene
Concen: 23.546 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

Tgt Ion:	112	Resp:	187051
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.3	41.5
77	65.7	50.7	76.1

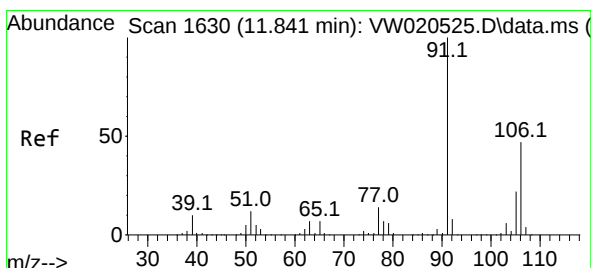
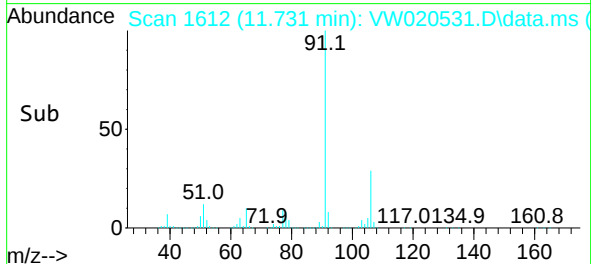
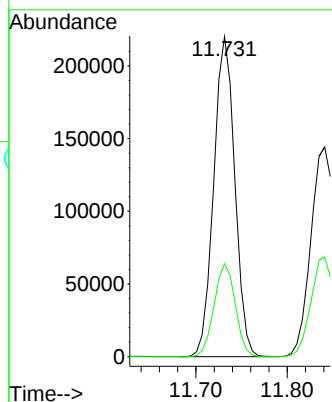
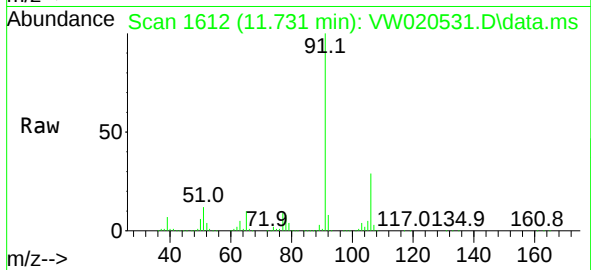




#52
Ethylbenzene
Concen: 25.206 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

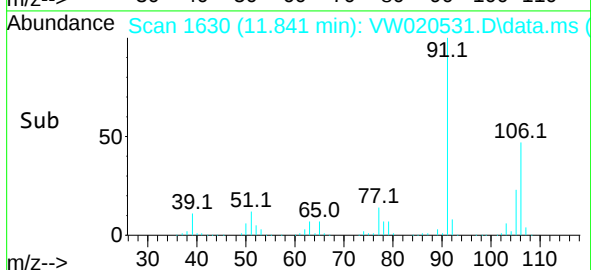
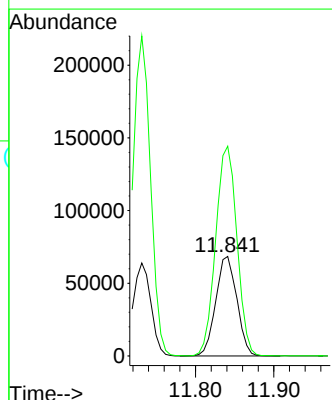
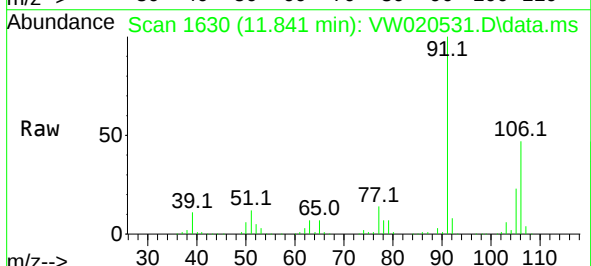
Instrument :
MSVOA_W
ClientSampled :

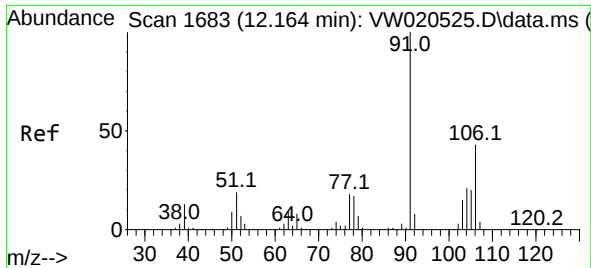
Tgt Ion: 91 Resp: 352127
Ion Ratio Lower Upper
91 100
106 29.1 21.3 39.5



#53
m,p-Xylene
Concen: 24.732 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

Tgt Ion: 106 Resp: 128013
Ion Ratio Lower Upper
106 100
91 210.9 148.2 275.2

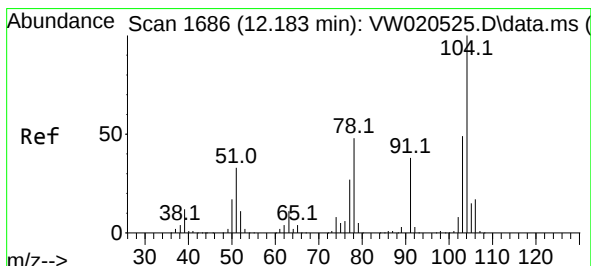
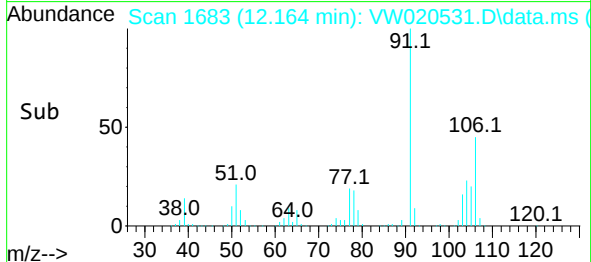
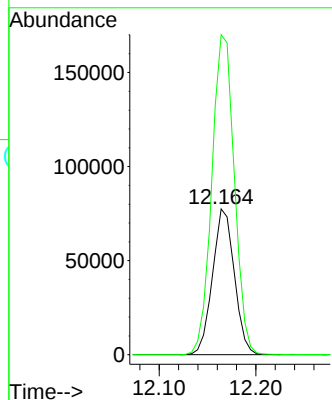
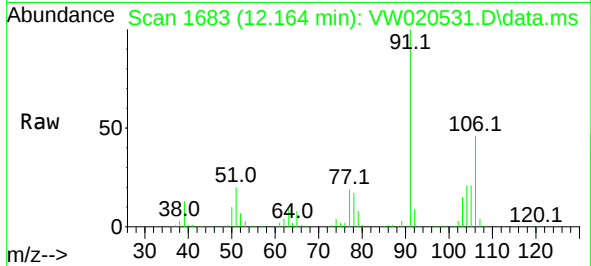




#54
o-Xylene
Concen: 25.415 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

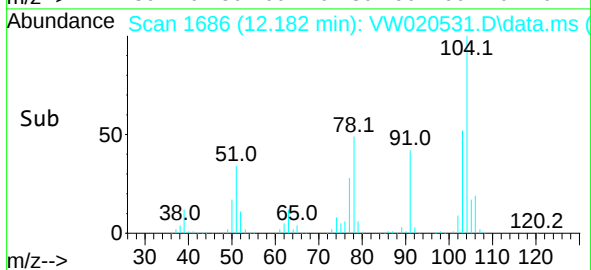
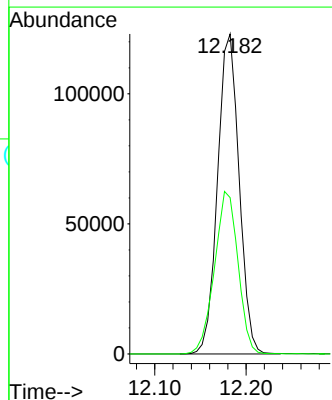
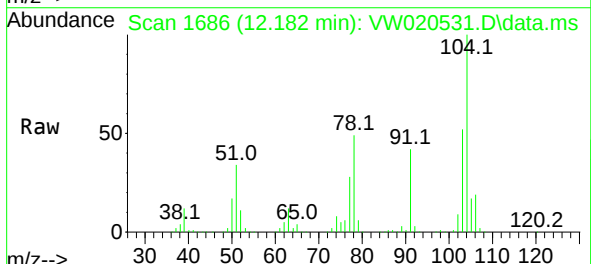
Instrument :
MSVOA_W
ClientSampled :

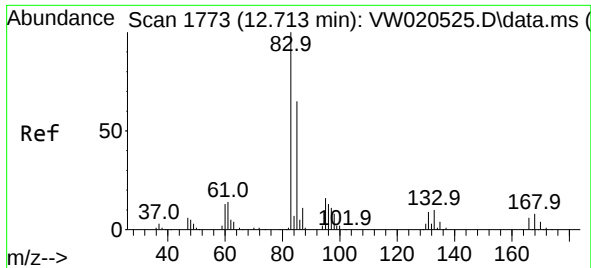
Tgt Ion:106 Resp: 121488
Ion Ratio Lower Upper
106 100
91 219.5 156.1 289.9



#55
Styrene
Concen: 24.126 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

Tgt Ion:104 Resp: 201647
Ion Ratio Lower Upper
104 100
78 48.8 33.2 61.7

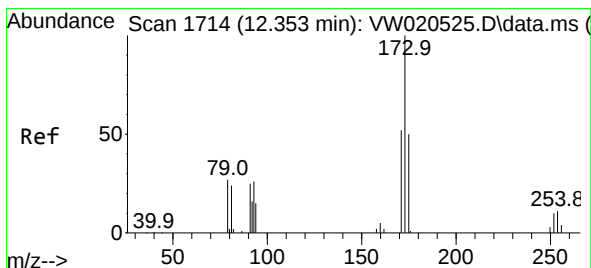
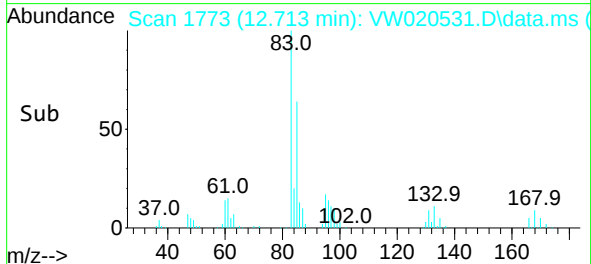
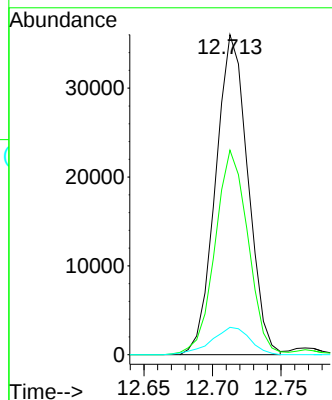
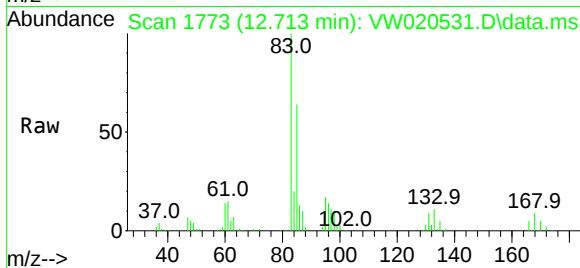




#57
1,1,2,2-Tetrachloroethane
Concen: 22.311 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

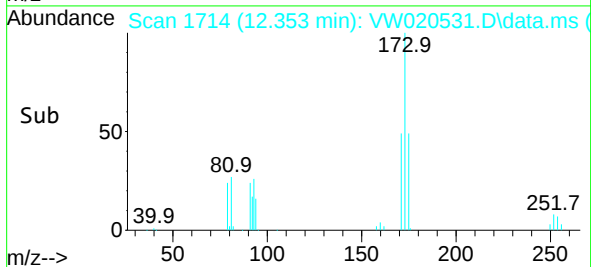
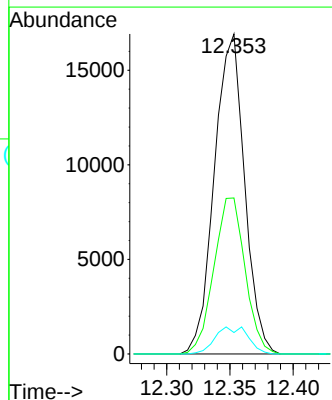
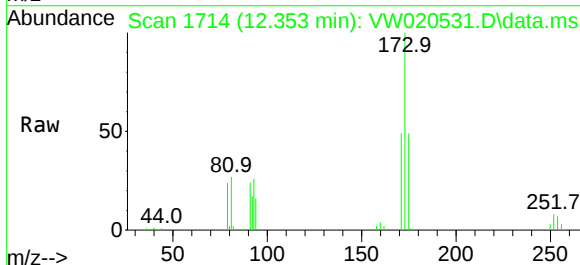
Instrument :
MSVOA_W
ClientSampled :

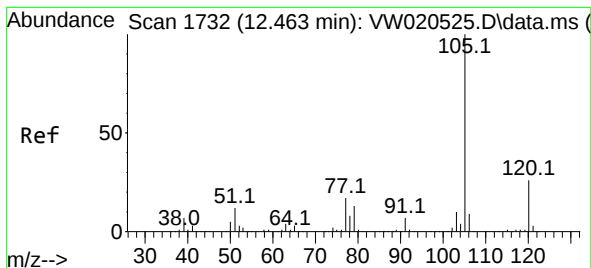
Tgt Ion:	83	Resp:	59064
Ion Ratio	Lower	Upper	
83	100		
85	63.9	45.9	85.3
131	8.5	7.4	11.2



#59
Bromoform
Concen: 26.288 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

Tgt Ion:	173	Resp:	28066
Ion Ratio	Lower	Upper	
173	100		
175	50.4	38.6	57.8
254	5.8	7.3	10.9#

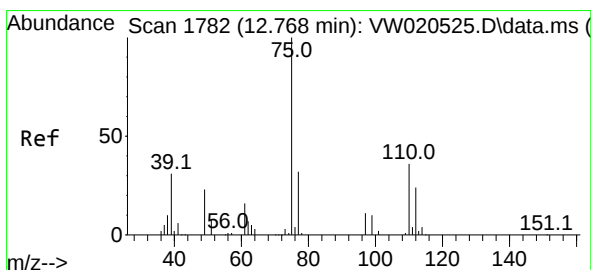
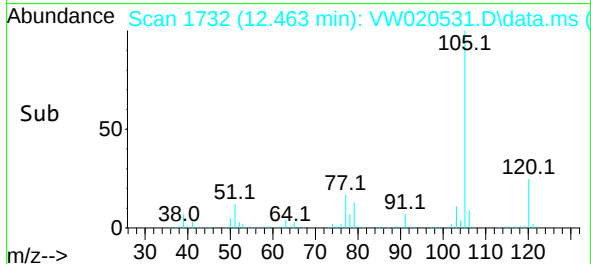
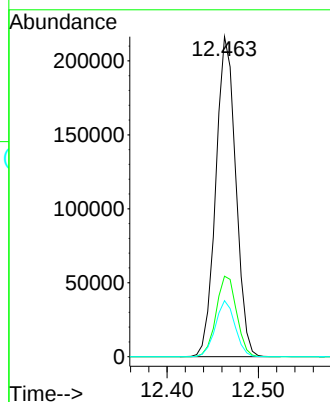
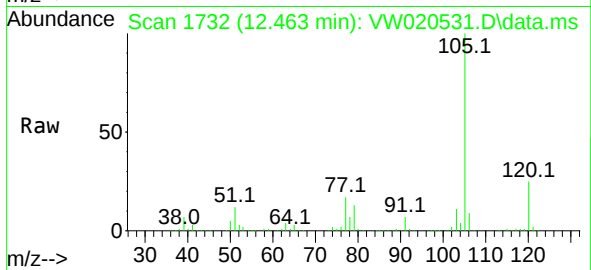




#60
Isopropylbenzene
Concen: 29.383 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

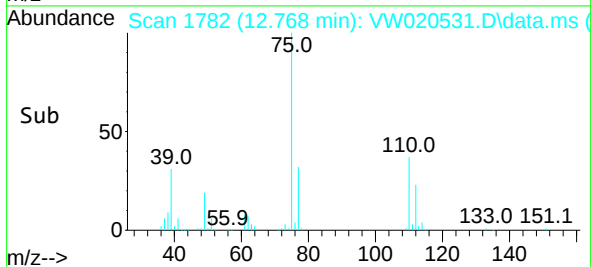
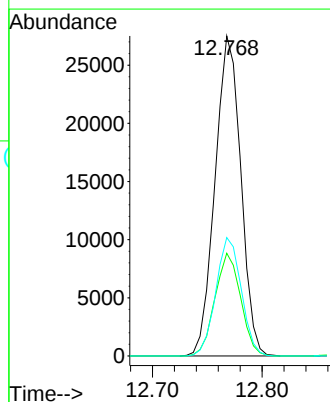
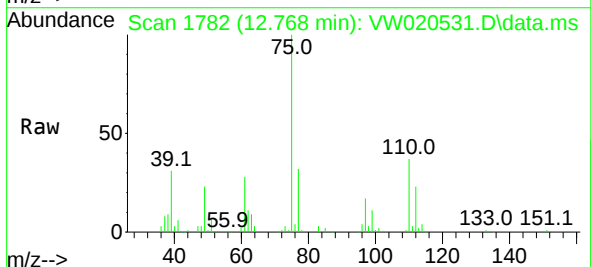
Instrument :
MSVOA_W
ClientSampled :

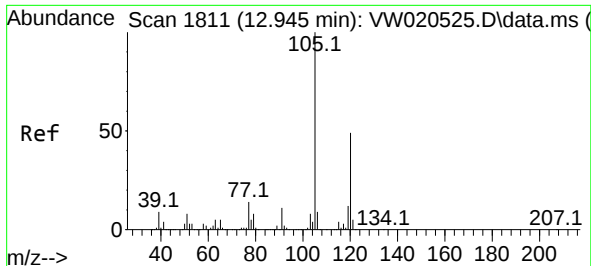
Tgt Ion:105 Resp: 328673
Ion Ratio Lower Upper
105 100
120 25.7 20.3 30.5
77 17.2 13.8 20.6



#61
1,2,3-Trichloropropane
Concen: 26.787 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

Tgt Ion: 75 Resp: 44973
Ion Ratio Lower Upper
75 100
77 32.0 25.1 37.7
110 36.5 29.4 44.0

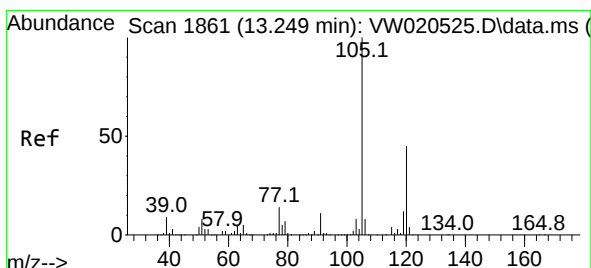
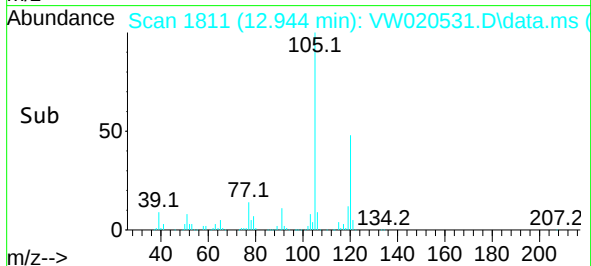
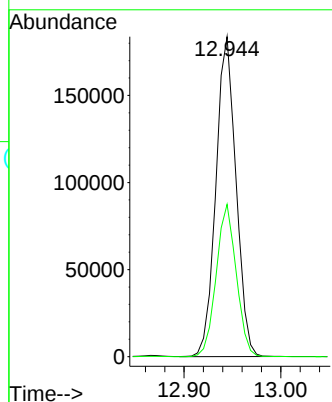
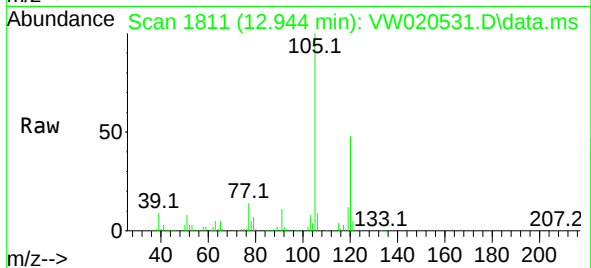




#62
1,3,5-Trimethylbenzene
Concen: 29.042 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

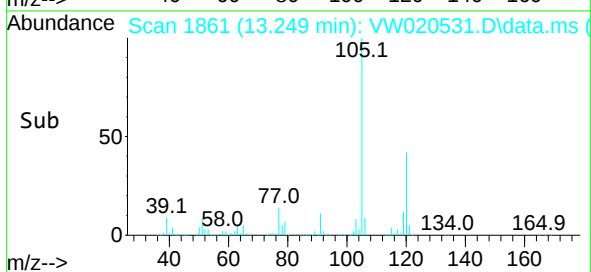
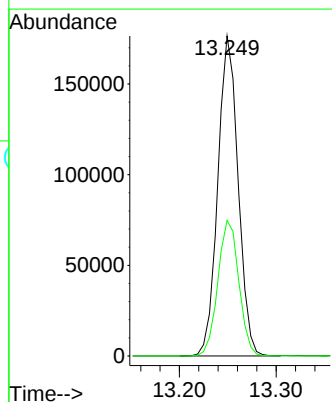
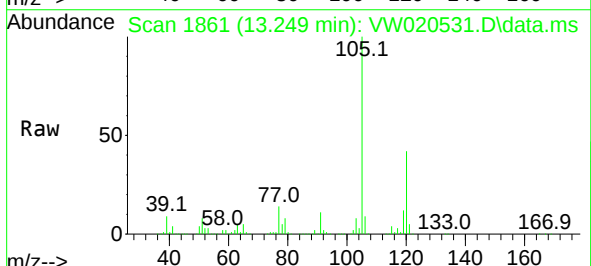
Instrument :
MSVOA_W
ClientSampled :

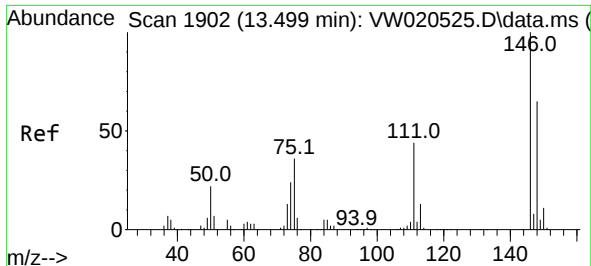
Tgt Ion:105 Resp: 265234
Ion Ratio Lower Upper
105 100
120 47.4 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 28.426 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

Tgt Ion:105 Resp: 257146
Ion Ratio Lower Upper
105 100
120 43.7 35.4 53.2

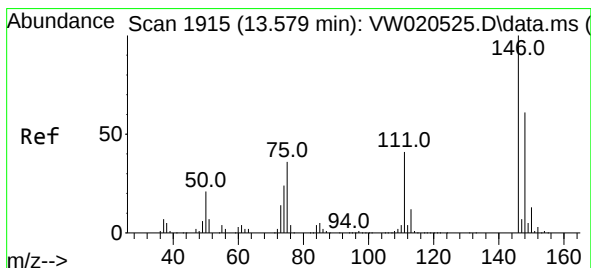
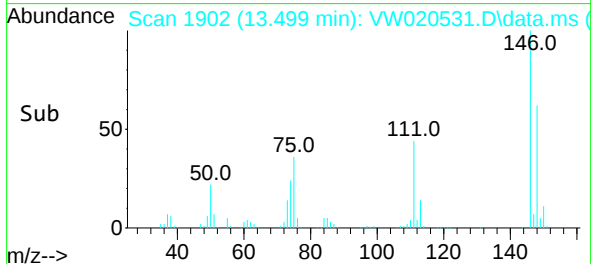
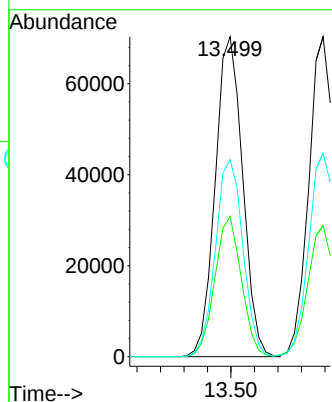
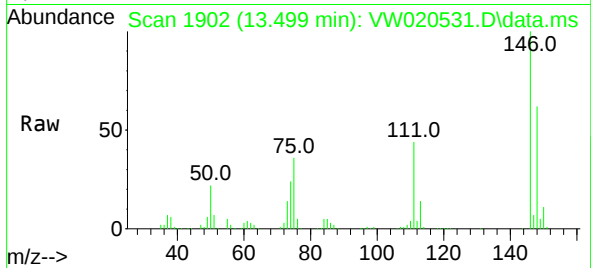




#64
1,3-Dichlorobenzene
Concen: 23.576 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

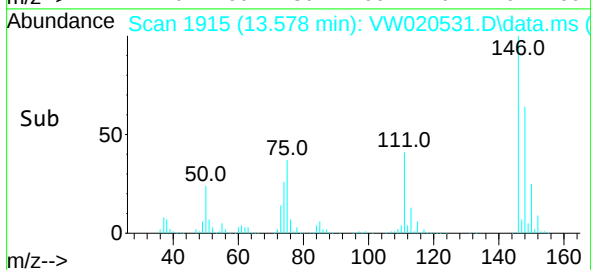
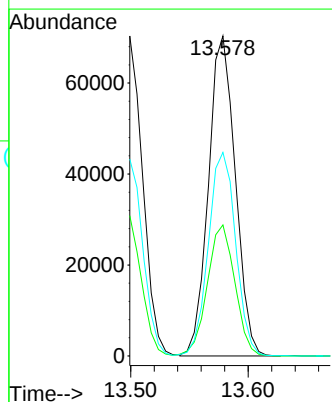
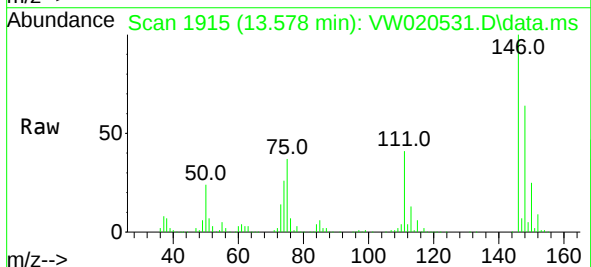
Instrument :
MSVOA_W
ClientSampleId :

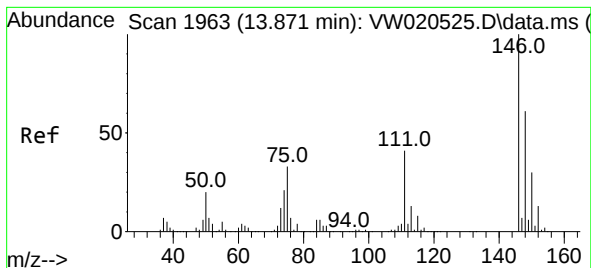
Tgt Ion:146 Resp: 114102
Ion Ratio Lower Upper
146 100
111 43.8 29.0 53.8
148 61.5 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 22.372 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

Tgt Ion:146 Resp: 111994
Ion Ratio Lower Upper
146 100
111 40.9 30.9 57.5
148 63.6 46.1 85.7

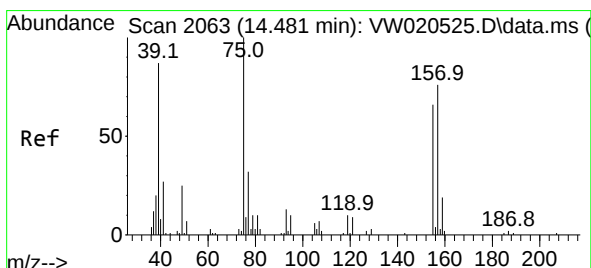
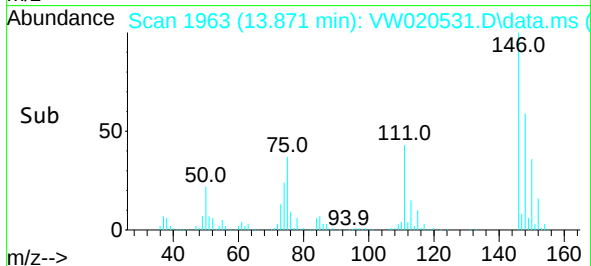
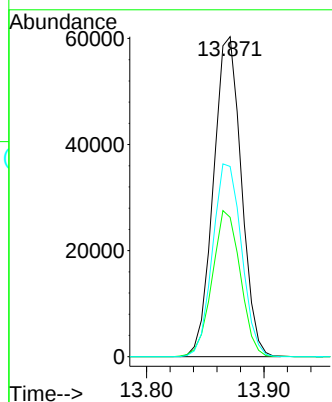
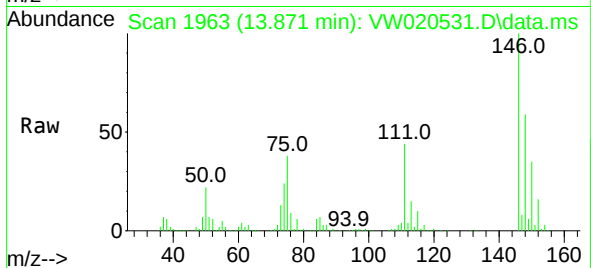




#67
1,2-Dichlorobenzene
Concen: 22.513 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

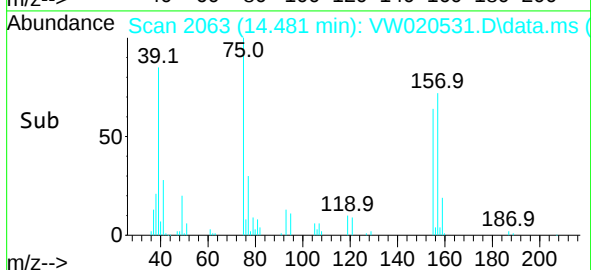
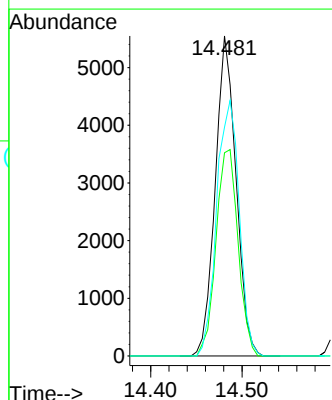
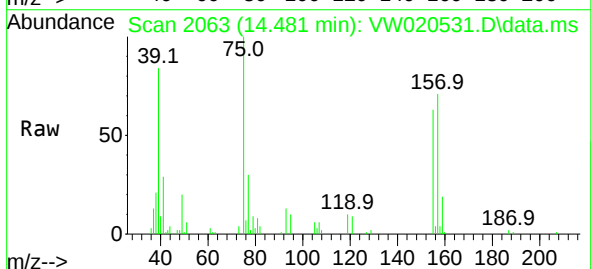
Instrument :
MSVOA_W
ClientSampleId :

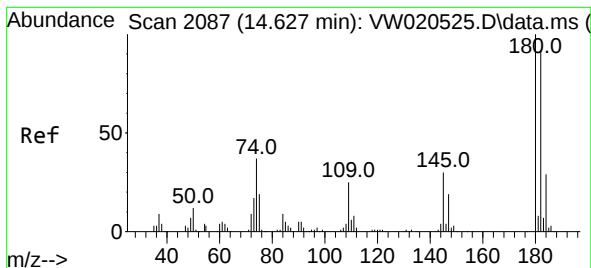
Tgt Ion:146 Resp: 99822
Ion Ratio Lower Upper
146 100
111 43.6 33.9 50.9
148 59.4 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 24.611 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

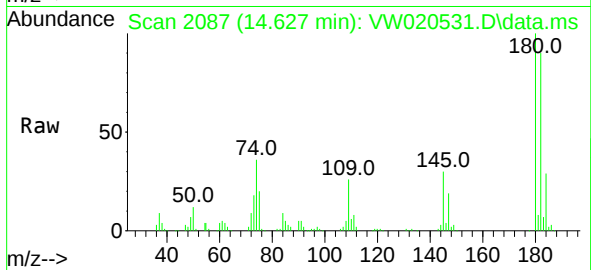
Tgt Ion: 75 Resp: 8777
Ion Ratio Lower Upper
75 100
155 63.5 51.4 77.0
157 71.5 70.8 106.2



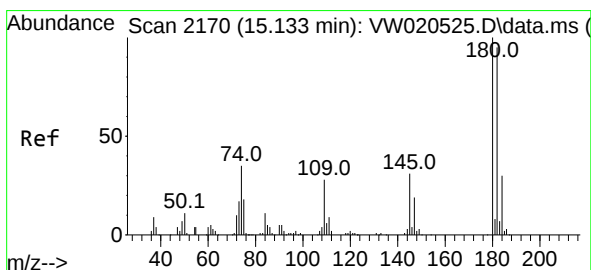
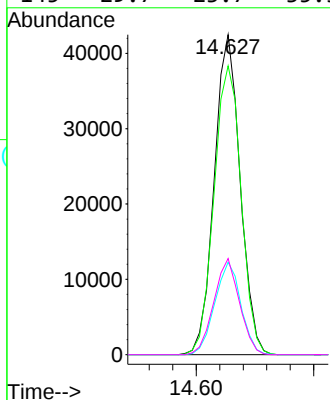
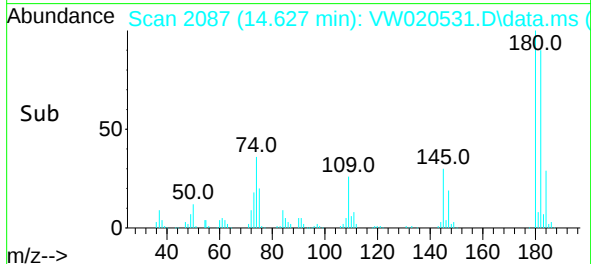


#69
1,3,5-Trichlorobenzene
Concen: 18.850 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

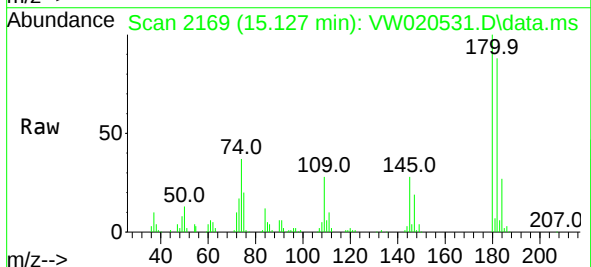
Instrument :
MSVOA_W
ClientSampled :



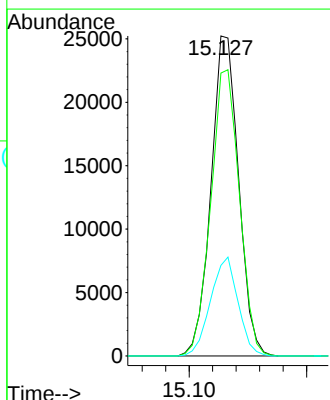
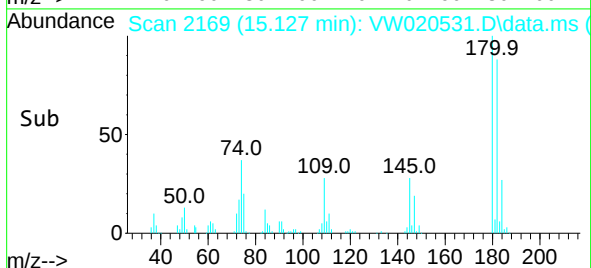
Tgt Ion:180	Resp:	65052
Ion Ratio	Lower	Upper
180	100	
182	94.5	73.4 110.0
184	29.1	24.2 36.4
145	29.7	23.7 35.5

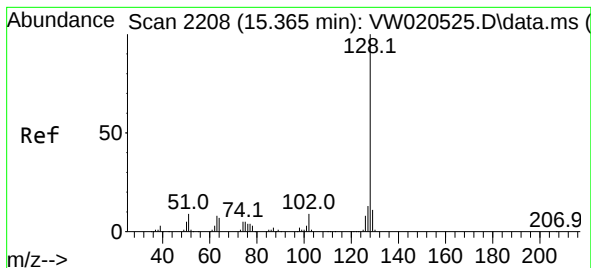


#70
1,2,4-trichlorobenzene
Concen: 15.074 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10



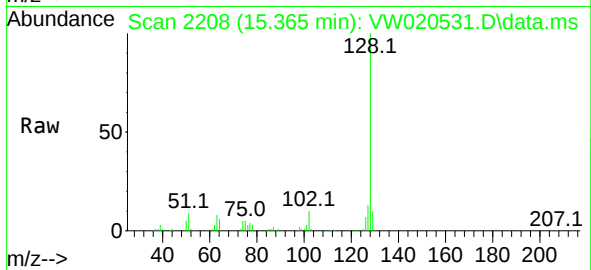
Tgt Ion:180	Resp:	41191
Ion Ratio	Lower	Upper
180	100	
182	92.7	75.8 113.8
145	30.8	24.8 37.2



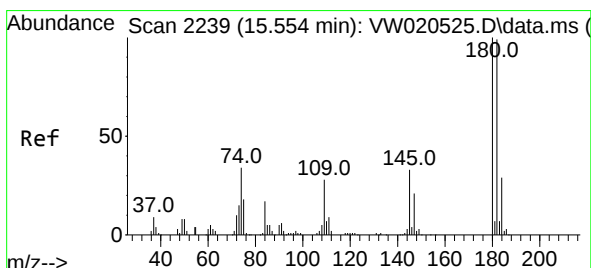
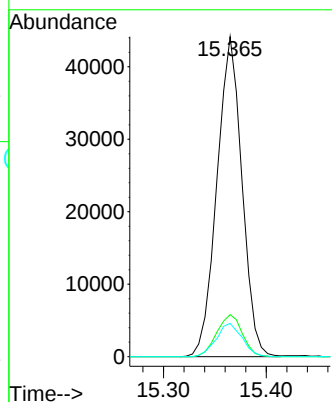
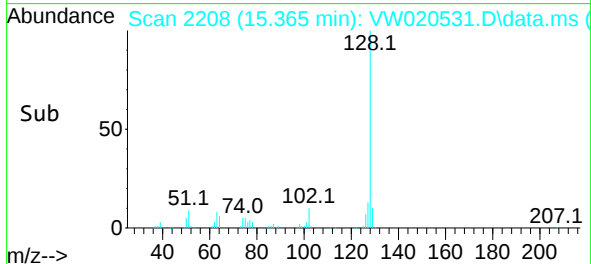


#71
Naphthalene
Concen: 15.198 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10

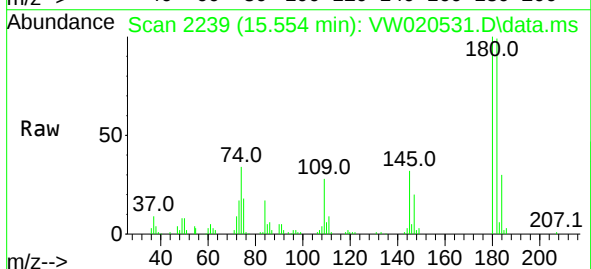
Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:128 Resp: 74668
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 14.749 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW020531.D
Acq: 15 Oct 2021 14:10



Tgt Ion:180 Resp: 35400
Ion Ratio Lower Upper
180 100
182 92.4 74.8 112.2
145 32.7 26.2 39.4

