

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101521\
 Data File : VW020543.D
 Acq On : 15 Oct 2021 18:59
 Operator : SY/VA
 Sample : M4213-02MS
 Misc : 3.21g/10mL/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 16 06:58:14 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	181975	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	138437	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	40757	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	65434	24.712	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.840%
7) Chloroethane-d5	2.873	69	40024	28.615	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.440%
11) 1,1-Dichloroethene-d2	4.019	63	131455	24.228	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.920%
21) 2-Butanone-d5	7.080	46	28482	35.344	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.680%
24) Chloroform-d	7.647	84	147955	25.507	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.040%
26) 1,2-Dichloroethane-d4	8.305	65	79324	23.944	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.760%
32) Benzene-d6	8.275	84	274469	30.141	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.560%
36) 1,2-Dichloropropane-d6	9.275	67	89138	30.035	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.120%#
41) Toluene-d8	10.323	98	227678	27.866	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.480%
43) trans-1,3-Dichloroprop...	10.579	79	29220	24.228	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.920%
47) 2-Hexanone-d5	10.927	63	19777	43.318	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.640%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	50341	22.440	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	34160	21.426	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	32551	27.681	ug/L	100
3) Chloromethane	2.209	50	64673	26.450	ug/L	97
5) Vinyl chloride	2.355	62	85703	24.921	ug/L	99
6) Bromomethane	2.770	94	32807	21.964	ug/L	95
8) Chloroethane	2.910	64	35768	28.167	ug/L	96
9) Trichlorofluoromethane	3.251	101	49498	25.297	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	64407	23.080	ug/L	100
12) 1,1-Dichloroethene	4.038	96	64059	25.037	ug/L	98
13) Acetone	4.129	43	40711	55.026	ug/L	98
14) Carbon disulfide	4.379	76	141051	16.949	ug/L	100
15) Methyl Acetate	4.678	43	26424	19.232	ug/L	98
16) Methylene chloride	4.916	84	91180	25.775	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	63909	23.807	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	98880	26.145	ug/L	99
19) 1,1-Dichloroethane	6.220	63	147259	26.759	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	70058	25.109	ug/L	94
22) 2-Butanone	7.177	43	46688	50.413	ug/L	96
23) Bromochloromethane	7.513	128	29813	24.362	ug/L	93
25) Chloroform	7.677	83	140507	26.264	ug/L	98

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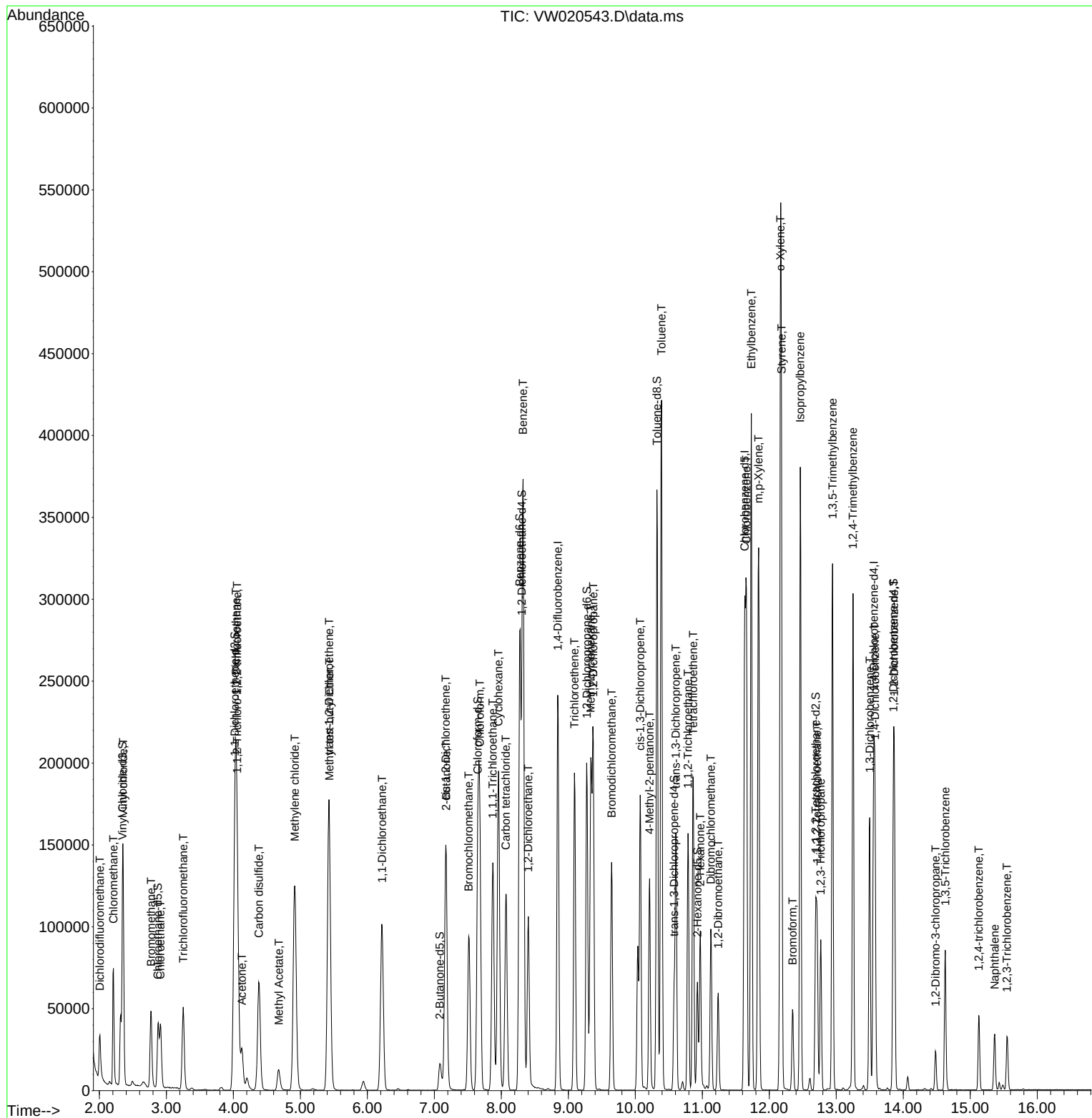
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	91023	24.876	ug/L	99
29) Cyclohexane	7.958	56	99961	24.663	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	108698	31.606	ug/L	99
31) Carbon tetrachloride	8.067	117	87774	29.029	ug/L	98
33) Benzene	8.324	78	307197	31.155	ug/L	100
34) Trichloroethene	9.092	95	67457	27.769	ug/L	99
35) Methylcyclohexane	9.336	83	70036	16.847	ug/L	97
37) 1,2-Dichloropropane	9.372	63	78868	30.886	ug/L	99
38) Bromodichloromethane	9.646	83	91419	29.861	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	93475	26.533	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	86858	56.673	ug/L	99
42) Toluene	10.390	91	290704	29.393	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	79451	25.582	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	45684	27.864	ug/L	96
46) Tetrachloroethene	10.866	164	41907	24.018	ug/L	95
48) 2-Hexanone	10.969	43	69160	61.505	ug/L	94
49) Dibromochloromethane	11.128	129	47439	26.264	ug/L	100
50) 1,2-Dibromoethane	11.238	107	39226	26.047	ug/L	95
51) Chlorobenzene	11.658	112	142353	23.341	ug/L	97
52) Ethylbenzene	11.731	91	272790	25.435	ug/L	99
53) m,p-Xylene	11.841	106	97360	24.500	ug/L	100
54) o-Xylene	12.164	106	91723	24.993	ug/L	99
55) Styrene	12.183	104	142383	22.189	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	46205	22.734	ug/L	98
59) Bromoform	12.347	173	21690	37.988	ug/L	100
60) Isopropylbenzene	12.463	105	219876	36.756	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	36870	41.063	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	156659	32.075	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	151941	31.406	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	60699	23.451	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	61304	22.898	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	54416	22.948	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	6389	33.499	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	23575	12.773	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	13413	9.178	ug/L	100
71) Naphthalene	15.365	128	27656	10.525	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	10488	8.171	ug/L	98

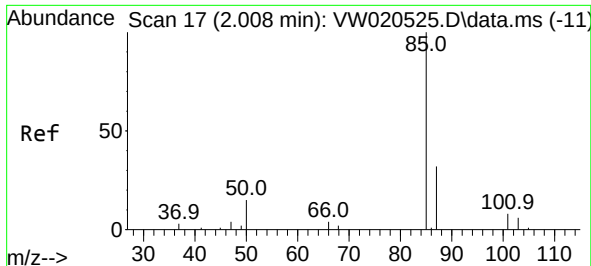
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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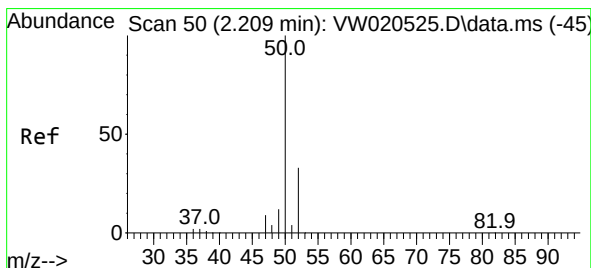
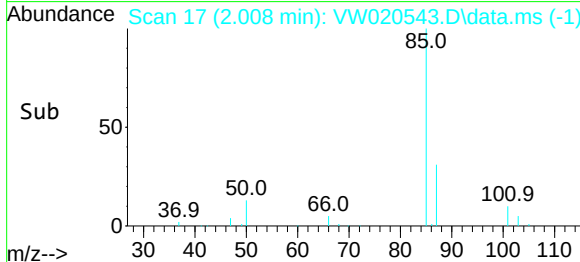
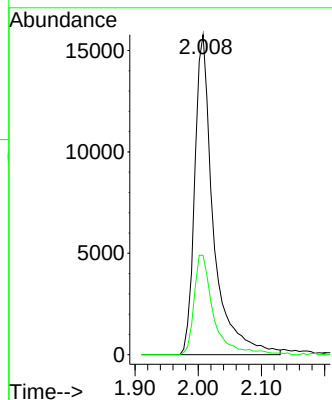
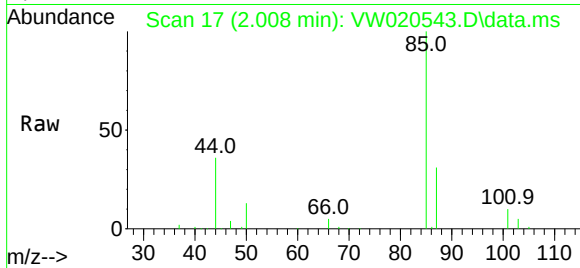




#2
 Dichlorodifluoromethane
 Concen: 27.681 ug/L
 RT: 2.008 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: VW020543.D
 Acq: 15 Oct 2021 18:59

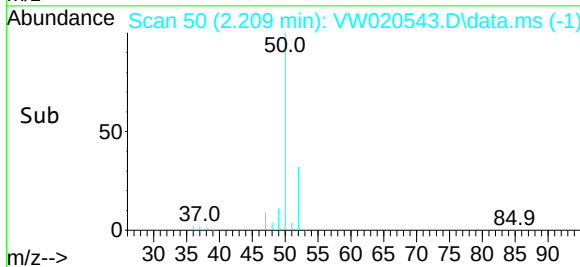
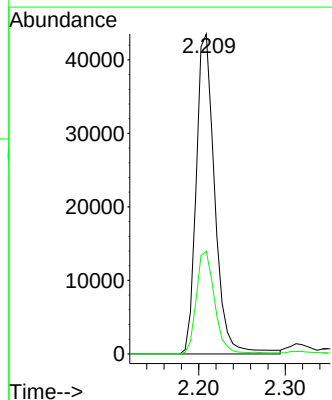
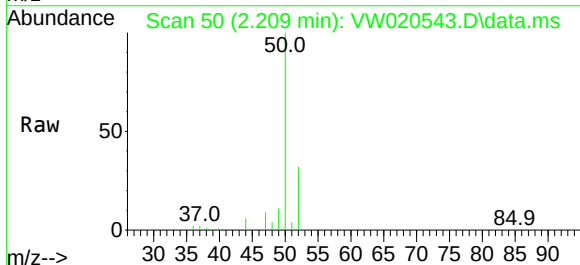
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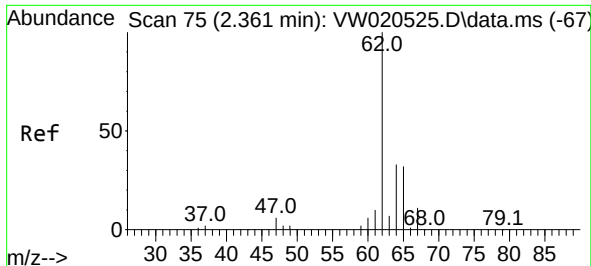
Tgt Ion: 85 Resp: 32551
 Ion Ratio Lower Upper
 85 100
 87 31.0 24.9 37.3



#3
 Chloromethane
 Concen: 26.450 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VW020543.D
 Acq: 15 Oct 2021 18:59

Tgt Ion: 50 Resp: 64673
 Ion Ratio Lower Upper
 50 100
 52 32.1 21.5 39.9

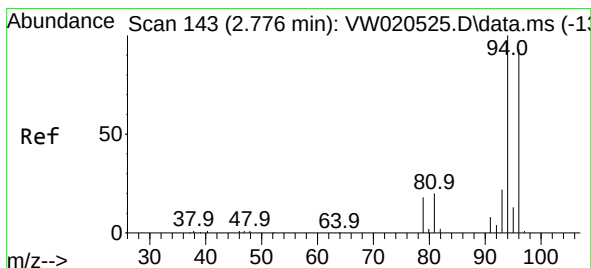
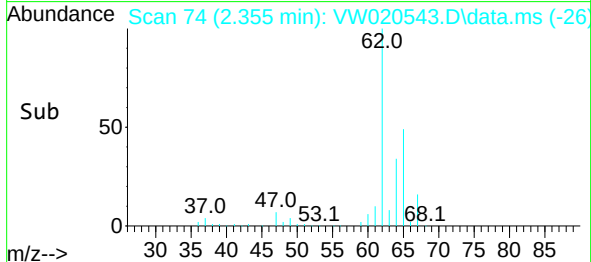
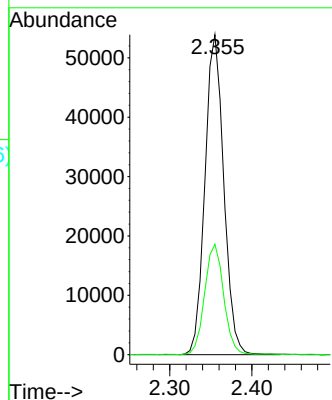
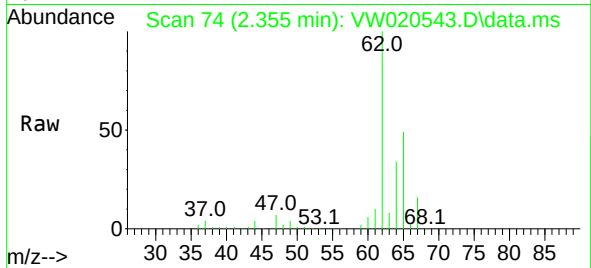




#5
 Vinyl chloride
 Concen: 24.921 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW020543.D
 Acq: 15 Oct 2021 18:59

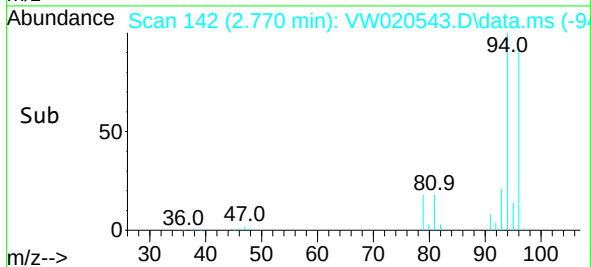
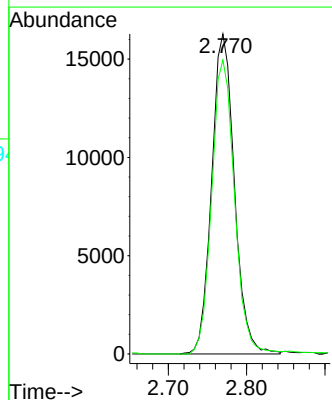
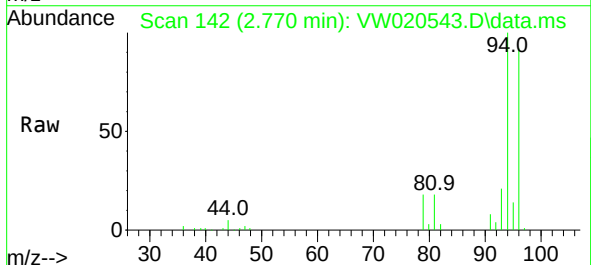
Instrument :
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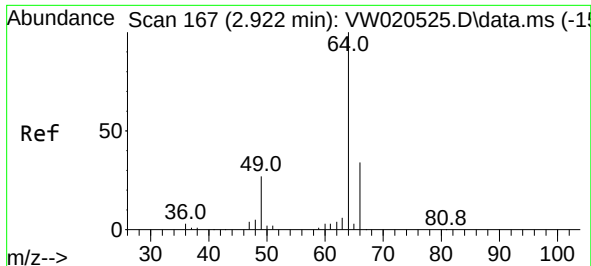
Tgt Ion: 62 Resp: 85703
 Ion Ratio Lower Upper
 62 100
 64 34.5 24.6 45.6



#6
 Bromomethane
 Concen: 21.964 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW020543.D
 Acq: 15 Oct 2021 18:59

Tgt Ion: 94 Resp: 32807
 Ion Ratio Lower Upper
 94 100
 96 91.8 67.8 126.0

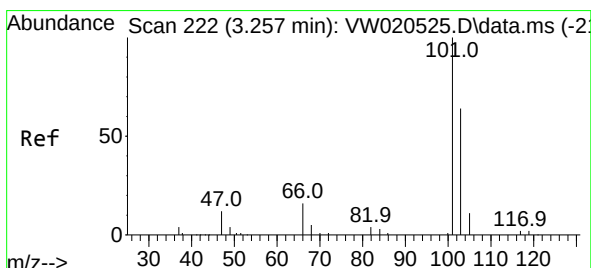
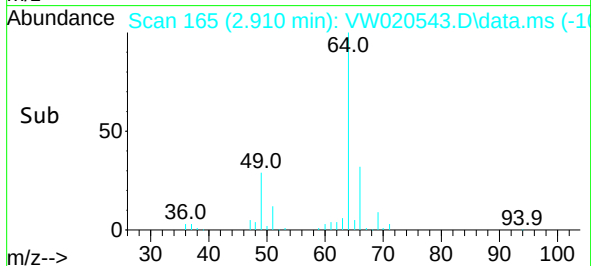
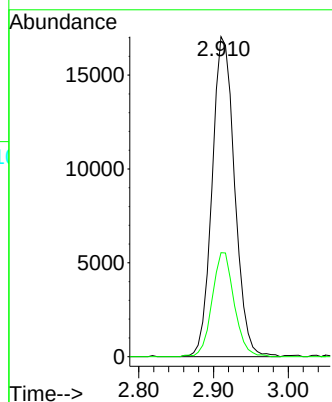
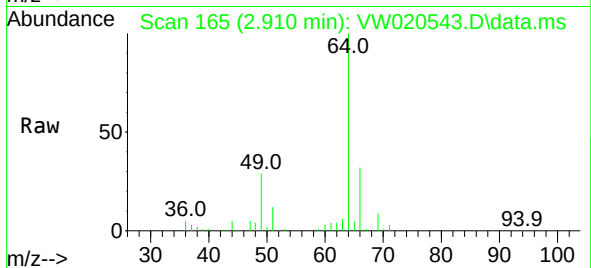




#8
Chloroethane
Concen: 28.167 ug/L
RT: 2.910 min Scan# 165
Delta R.T. -0.012 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

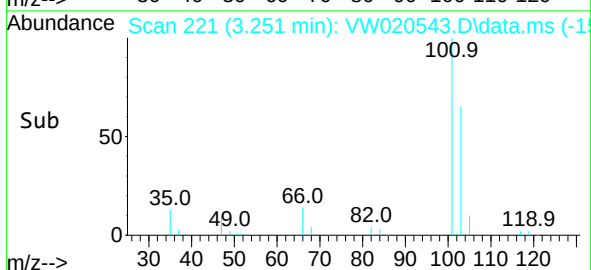
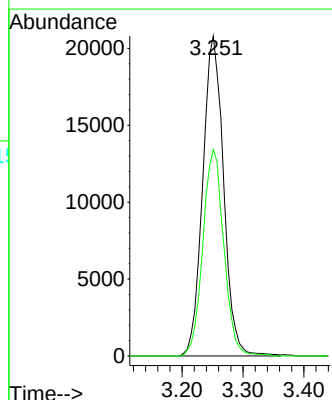
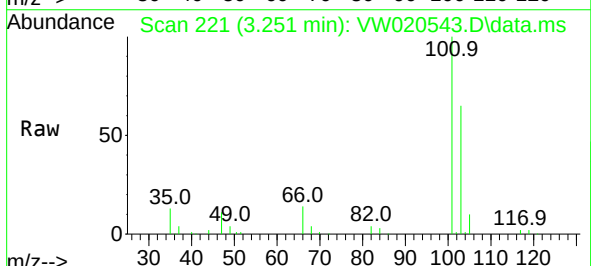
Instrument :
MSVOA_W
ClientSampled :

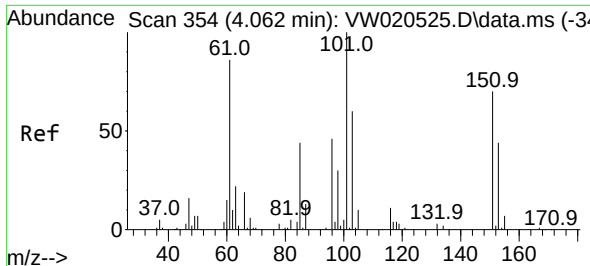
Tgt Ion: 64 Resp: 35768
Ion Ratio Lower Upper
64 100
66 32.5 21.2 39.4



#9
Trichlorofluoromethane
Concen: 25.297 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

Tgt Ion:101 Resp: 49498
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.4

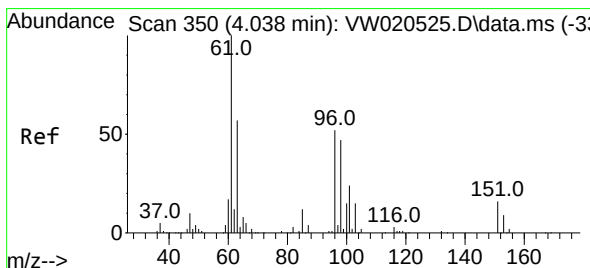
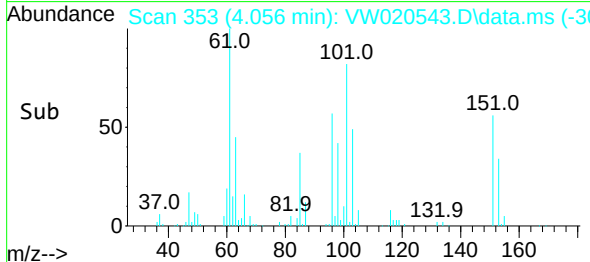
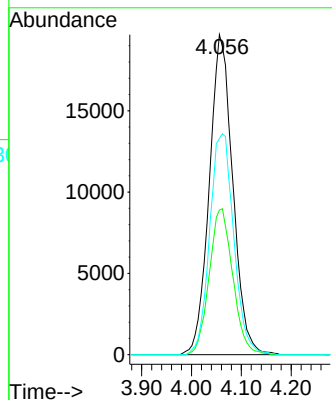
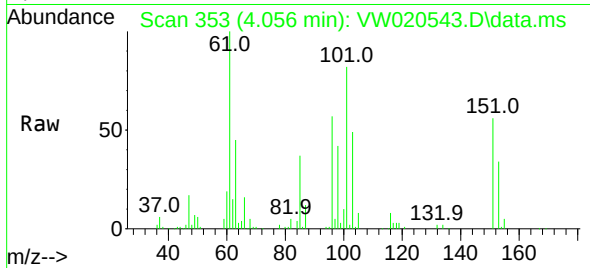




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.080 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW020543.D
 Acq: 15 Oct 2021 18:59

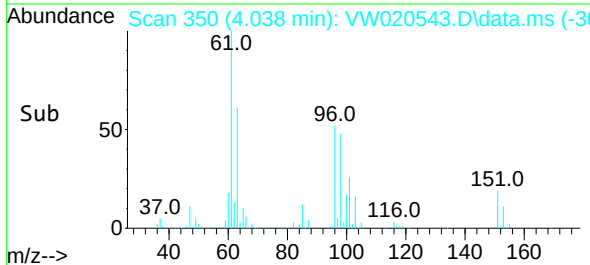
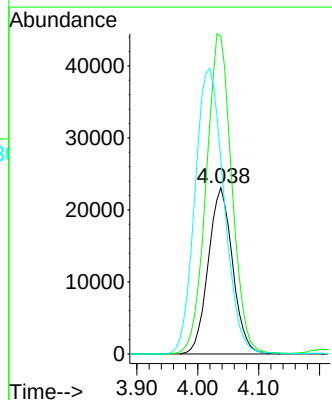
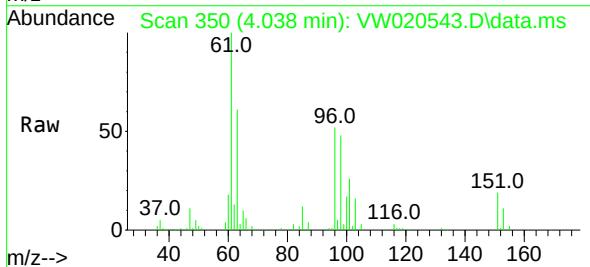
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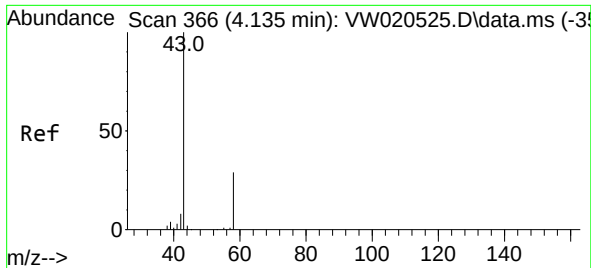
Tgt Ion:101 Resp: 64407
 Ion Ratio Lower Upper
 101 100
 85 45.7 36.3 54.5
 151 70.9 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 25.037 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW020543.D
 Acq: 15 Oct 2021 18:59

Tgt Ion: 96 Resp: 64059
 Ion Ratio Lower Upper
 96 100
 61 191.1 133.9 248.7
 63 116.5 77.3 143.7

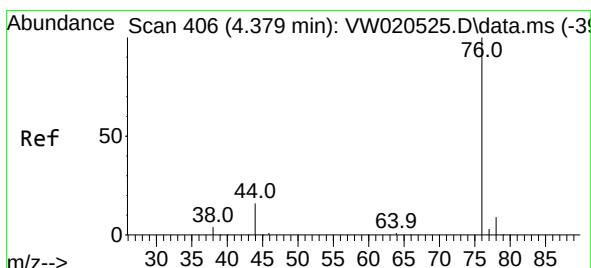
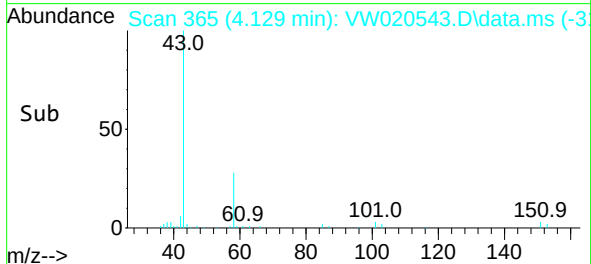
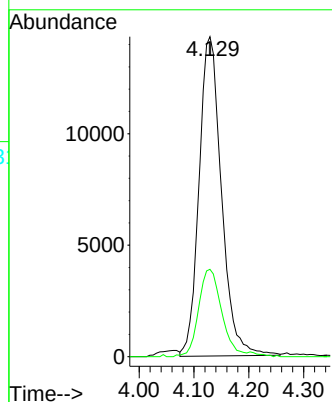
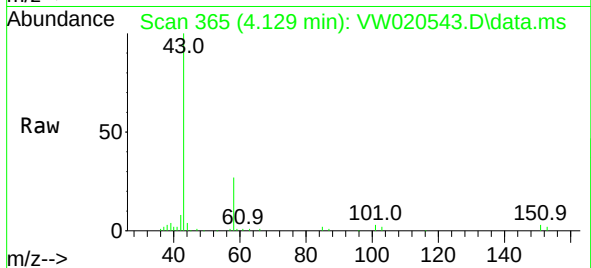




#13
Acetone
Concen: 55.026 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.006 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

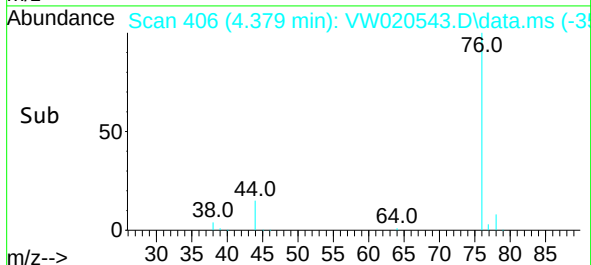
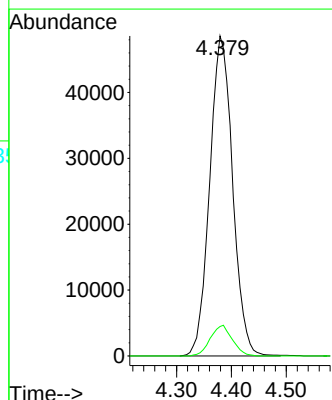
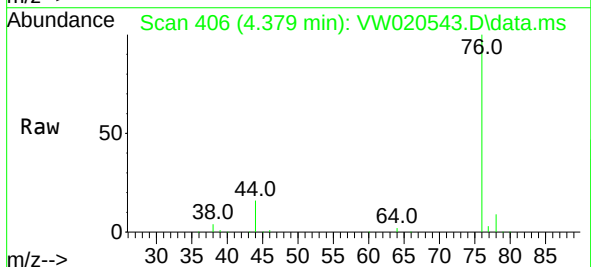
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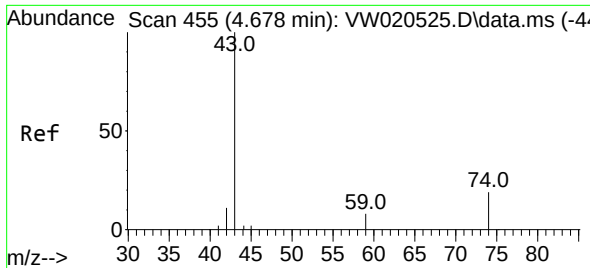
Tgt Ion: 43 Resp: 40711
Ion Ratio Lower Upper
43 100
58 28.0 0.0 58.4



#14
Carbon disulfide
Concen: 16.949 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 141051
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

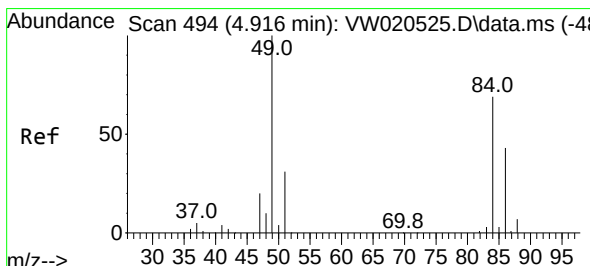
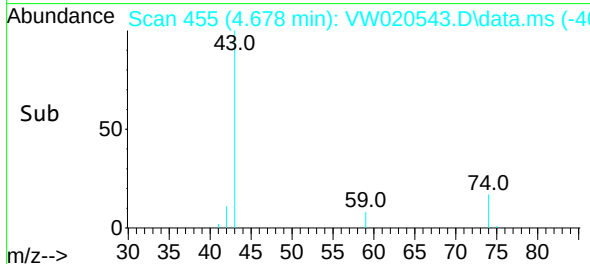
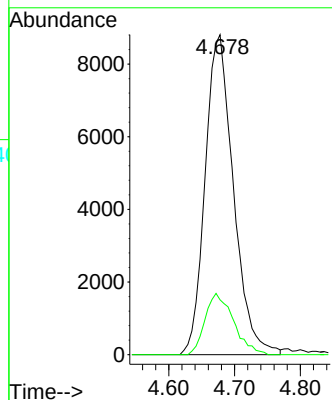
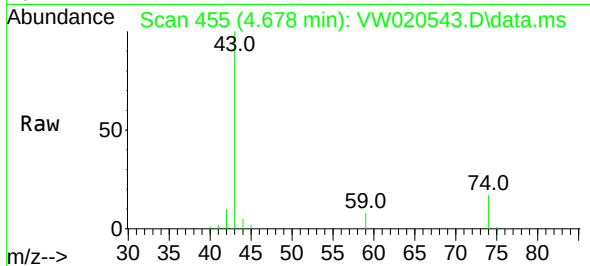




#15
Methyl Acetate
Concen: 19.232 ug/L
RT: 4.678 min Scan# 455
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

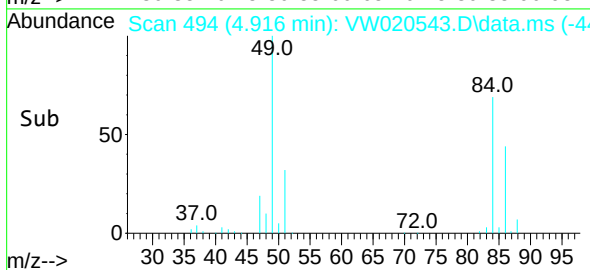
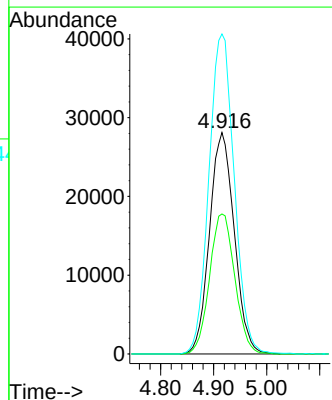
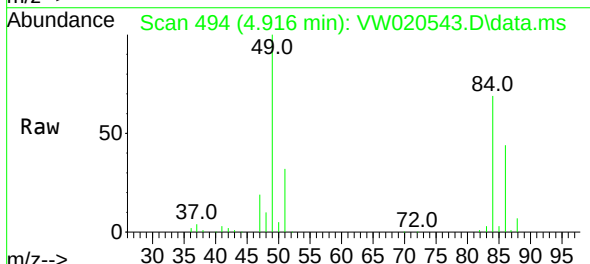
Instrument :
MSVOA_W
ClientSampled :

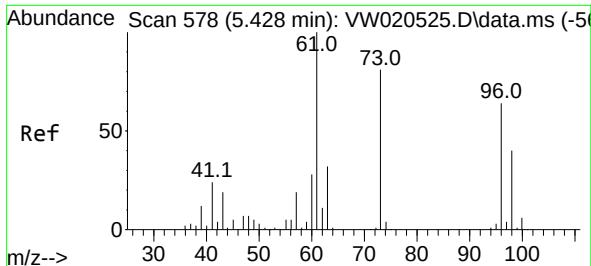
Tgt Ion: 43 Resp: 26424
Ion Ratio Lower Upper
43 100
74 19.2 16.1 24.1



#16
Methylene chloride
Concen: 25.775 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

Tgt Ion: 84 Resp: 91180
Ion Ratio Lower Upper
84 100
86 63.3 44.7 83.1
49 144.5 101.7 188.9





#17

trans-1,2-Dichloroethene

Concen: 23.807 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW020543.D

Acq: 15 Oct 2021 18:59

Tgt Ion: 96 Resp: 63909

Ion Ratio Lower Upper

96 100

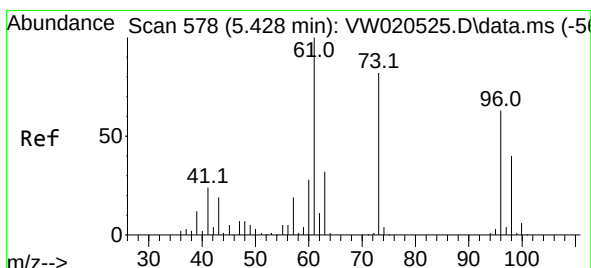
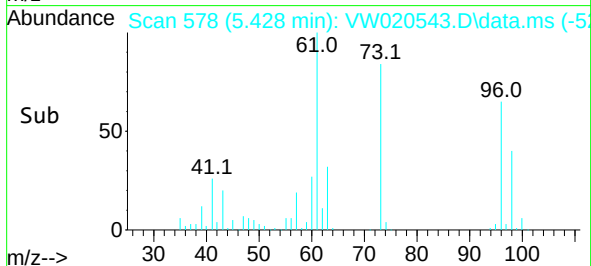
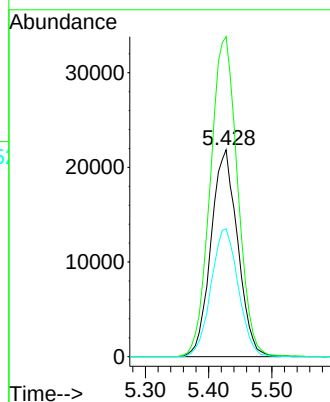
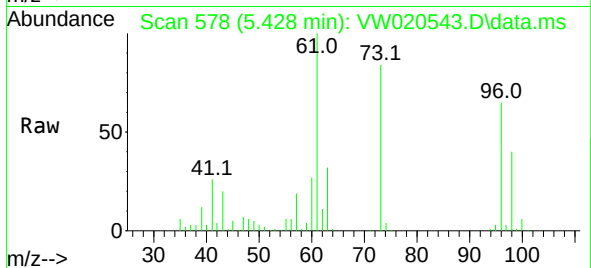
61 154.7 110.7 205.5

98 61.8 43.9 81.5

Instrument :

MSVOA_W

ClientSampled :



#18

Methyl tert-butyl Ether

Concen: 26.145 ug/L

RT: 5.434 min Scan# 579

Delta R.T. 0.006 min

Lab File: VW020543.D

Acq: 15 Oct 2021 18:59

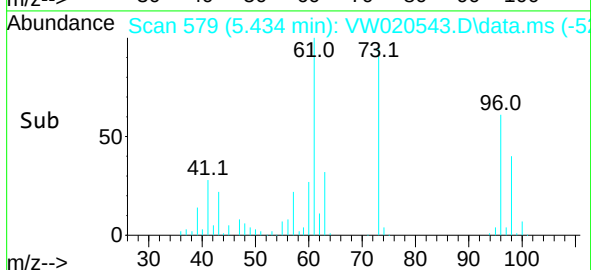
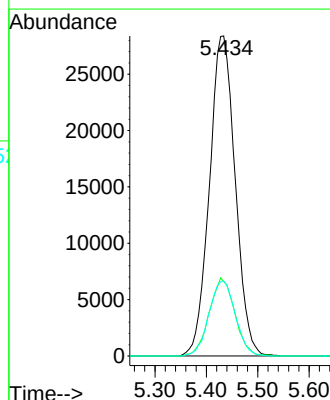
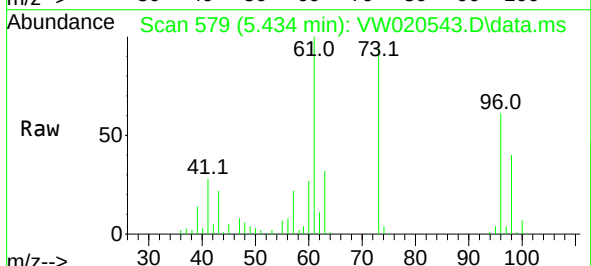
Tgt Ion: 73 Resp: 98880

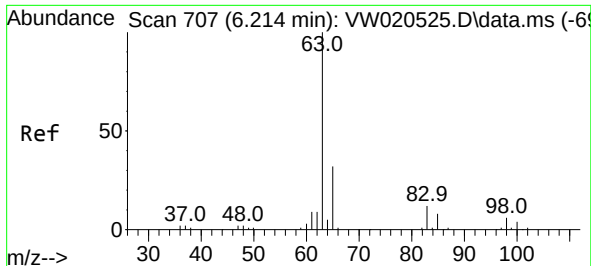
Ion Ratio Lower Upper

73 100

43 24.0 18.9 28.3

57 23.8 18.9 28.3





#19

1,1-Dichloroethane

Concen: 26.759 ug/L

RT: 6.220 min Scan# 708

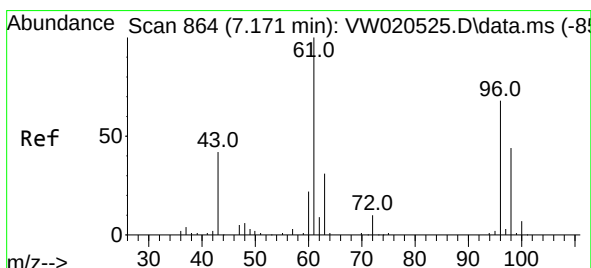
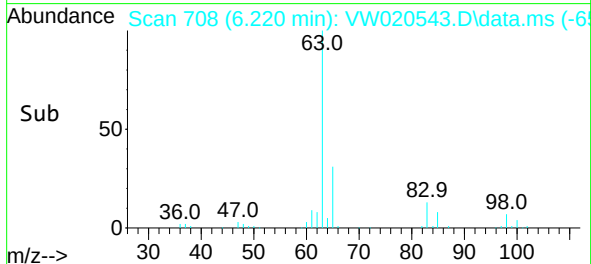
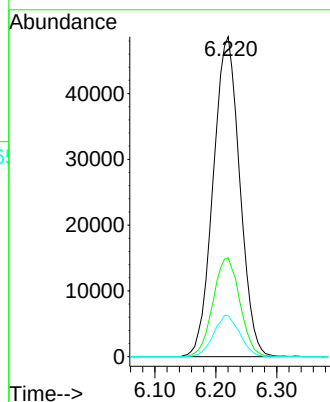
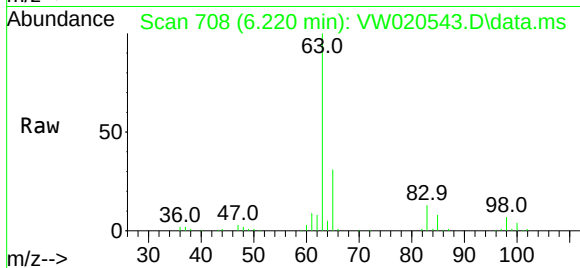
Delta R.T. 0.006 min

Lab File: VW020543.D

Acq: 15 Oct 2021 18:59

Tgt Ion:	63	Resp:	147259
Ion	Ratio	Lower	Upper
63	100		
65	30.9	21.9	40.7
83	12.8	9.0	16.6

Instrument :
MSVOA_W
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 25.109 ug/L

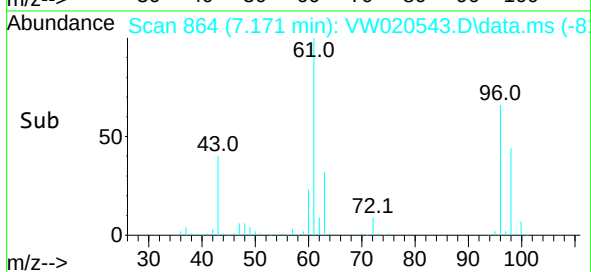
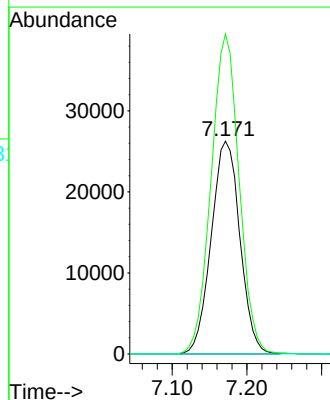
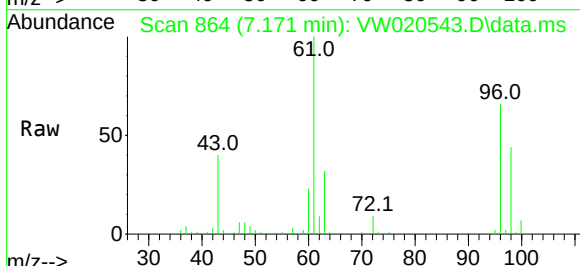
RT: 7.171 min Scan# 864

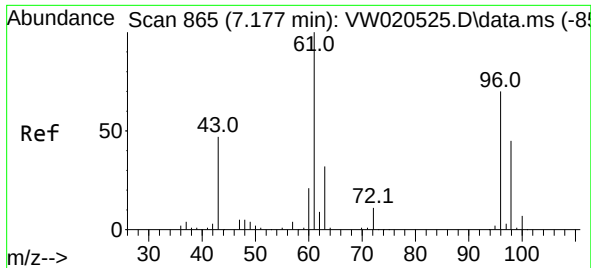
Delta R.T. -0.000 min

Lab File: VW020543.D

Acq: 15 Oct 2021 18:59

Tgt Ion:	96	Resp:	70058
Ion	Ratio	Lower	Upper
96	100		
61	150.4	100.3	186.3
68	0.0	0.0	0.0

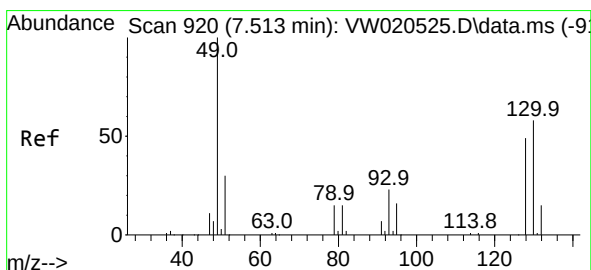
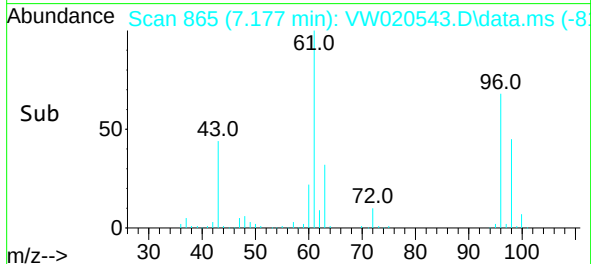
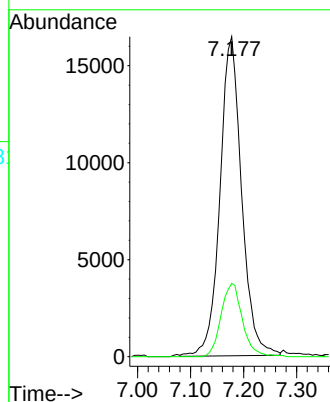
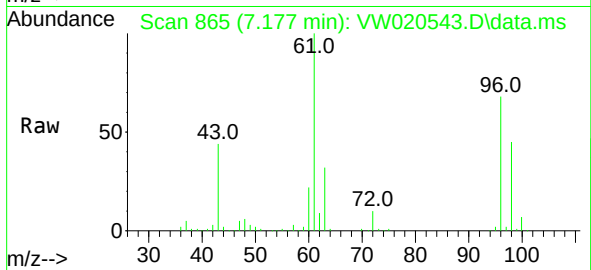




#22
2-Butanone
Concen: 50.413 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

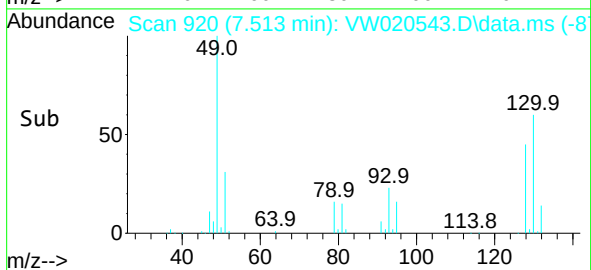
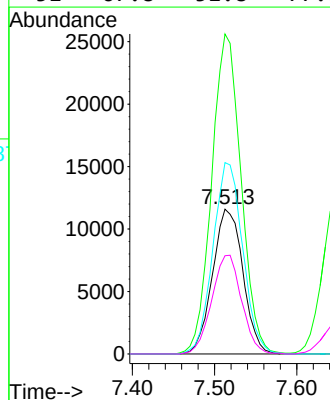
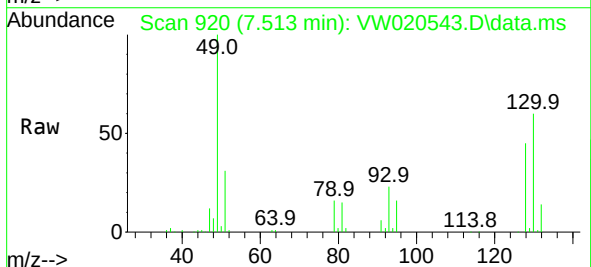
Instrument :
MSVOA_W
ClientSampled :

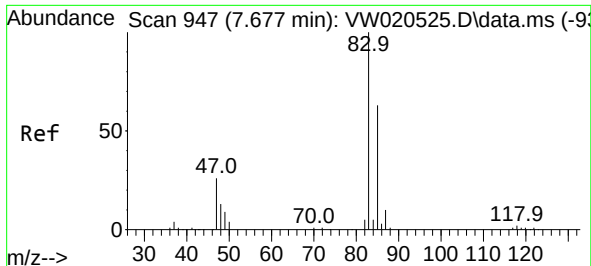
Tgt Ion: 43 Resp: 46688
Ion Ratio Lower Upper
43 100
72 22.4 12.2 36.6



#23
Bromochloromethane
Concen: 24.362 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

Tgt Ion: 128 Resp: 29813
Ion Ratio Lower Upper
128 100
49 220.9 144.1 267.7
130 132.1 89.2 165.6
51 67.8 51.8 77.8

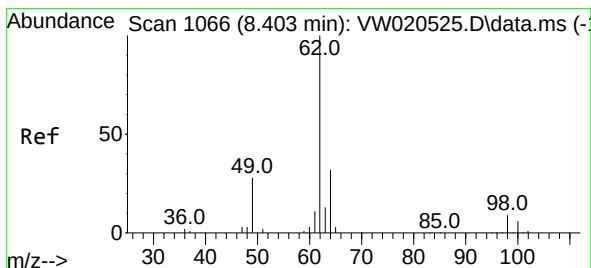
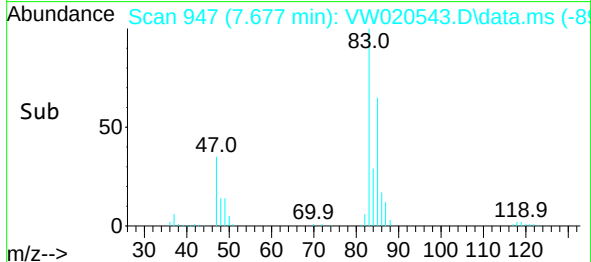
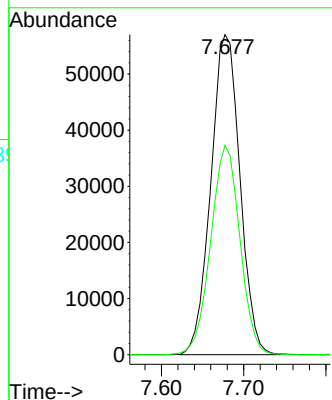
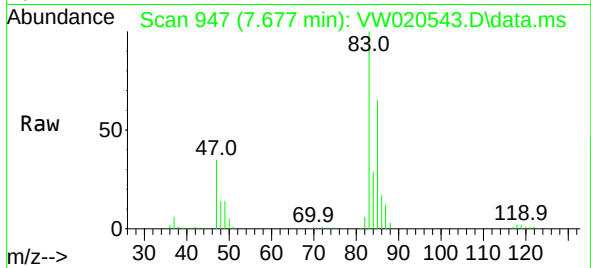




#25
Chloroform
Concen: 26.264 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

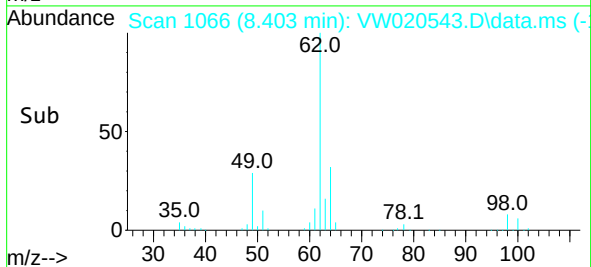
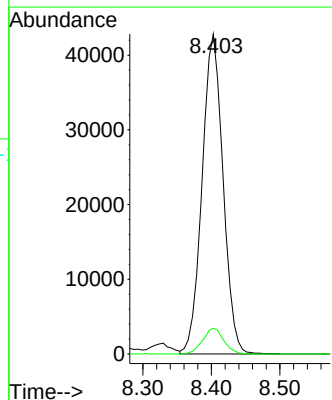
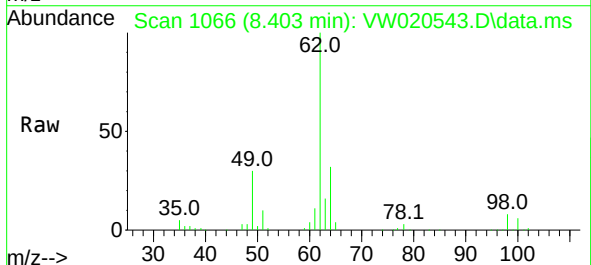
Instrument :
MSVOA_W
ClientSampled :

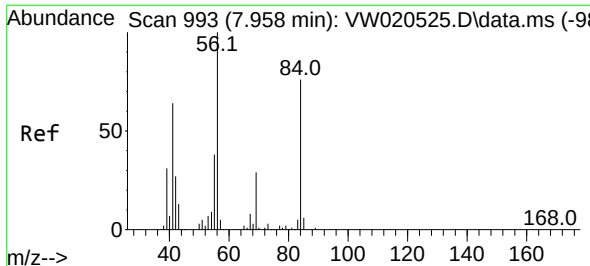
Tgt Ion: 83 Resp: 140507
Ion Ratio Lower Upper
83 100
85 65.5 44.6 82.8



#27
1,2-Dichloroethane
Concen: 24.876 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

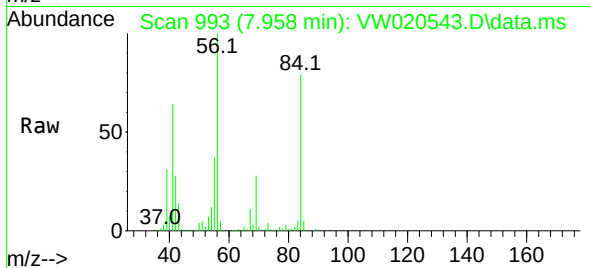
Tgt Ion: 62 Resp: 91023
Ion Ratio Lower Upper
62 100
98 8.0 6.6 10.0



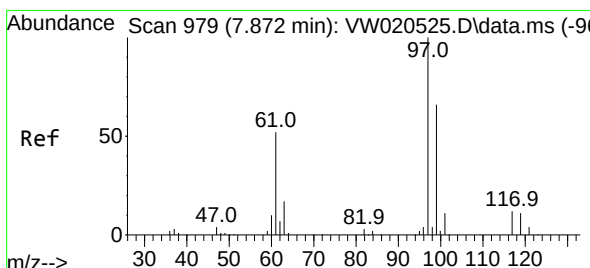
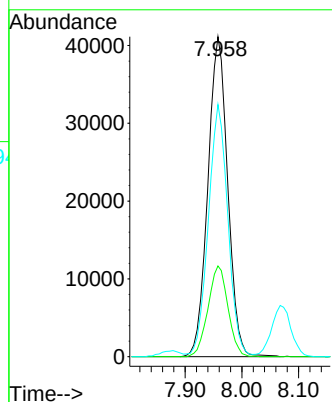
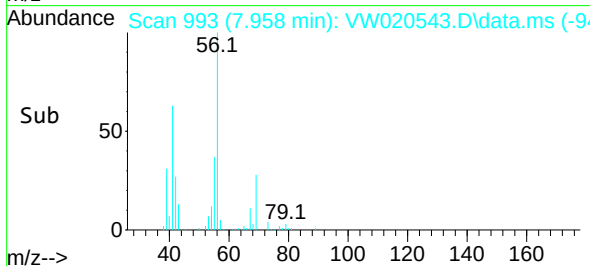


#29
Cyclohexane
Concen: 24.663 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

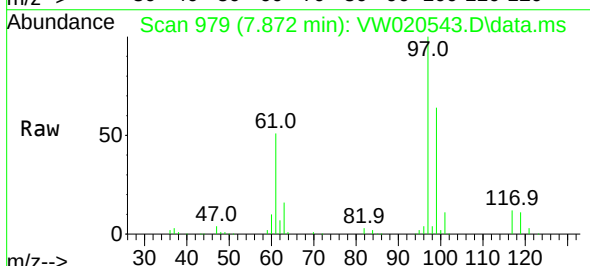
Instrument :
MSVOA_W
ClientSampled :



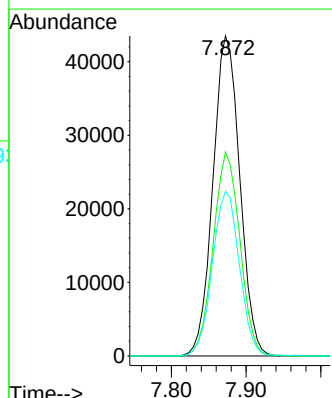
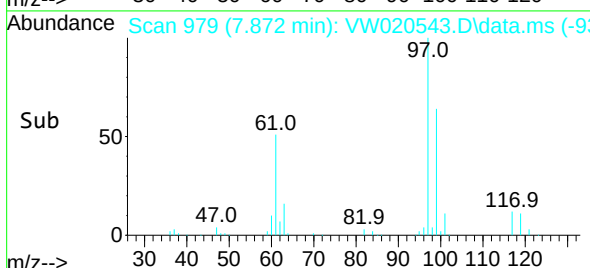
Tgt Ion: 56 Resp: 99961
Ion Ratio Lower Upper
56 100
69 28.4 23.2 34.8
84 77.6 63.7 95.5

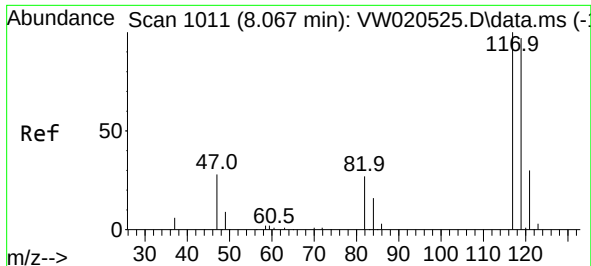


#30
1,1,1-Trichloroethane
Concen: 31.606 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59



Tgt Ion: 97 Resp: 108698
Ion Ratio Lower Upper
97 100
99 63.4 51.4 77.0
61 51.8 41.0 61.6

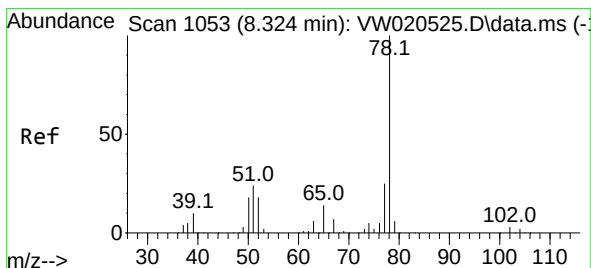
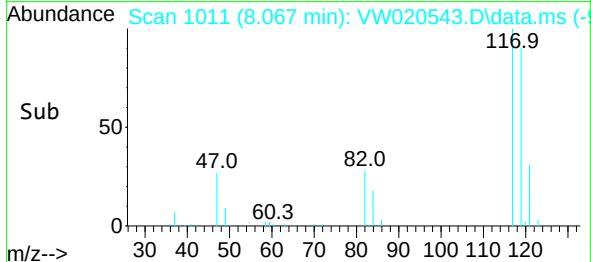
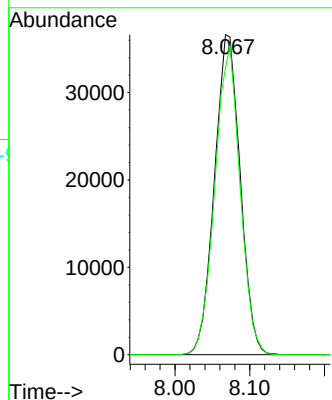
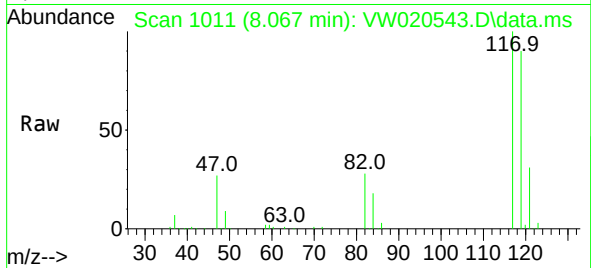




#31
Carbon tetrachloride
Concen: 29.029 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

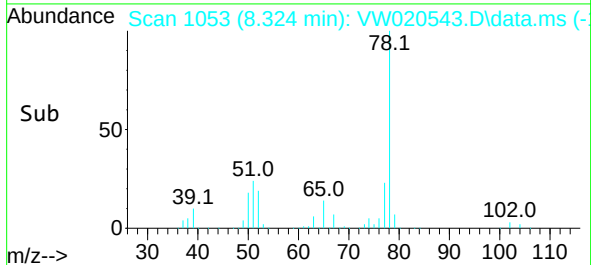
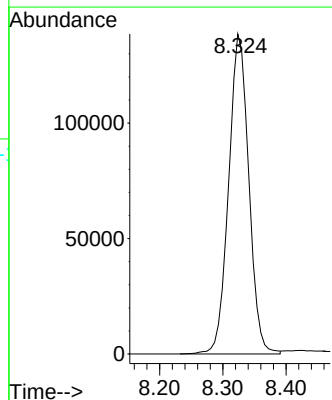
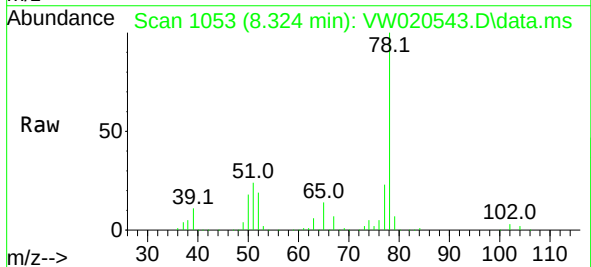
Instrument :
MSVOA_W
ClientSampled :

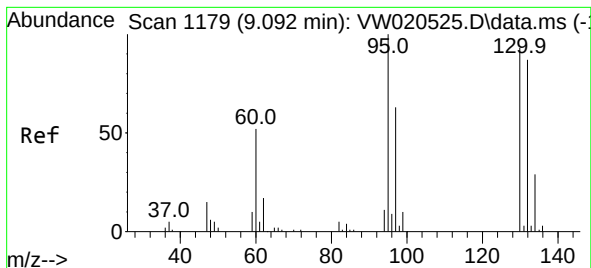
Tgt Ion:117 Resp: 87774
Ion Ratio Lower Upper
117 100
119 94.6 77.0 115.4



#33
Benzene
Concen: 31.155 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

Tgt Ion: 78 Resp: 307197



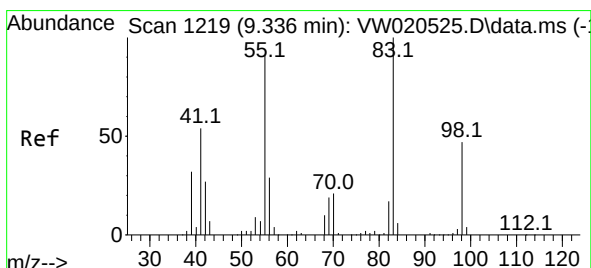
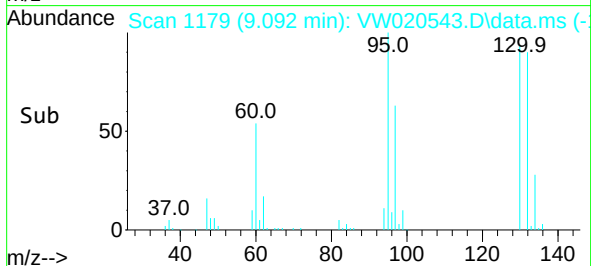
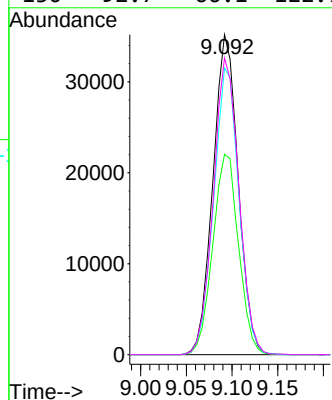
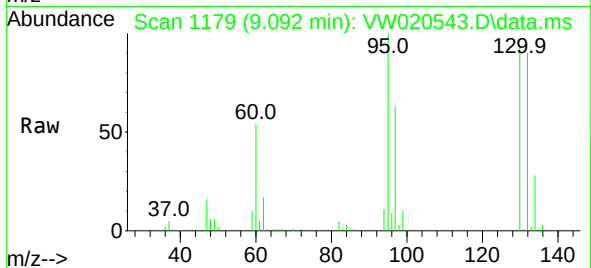


#34
Trichloroethene
Concen: 27.769 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 95 Resp: 67457

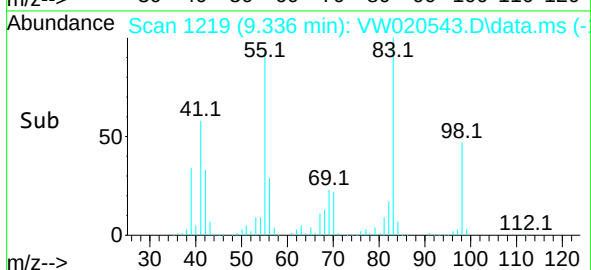
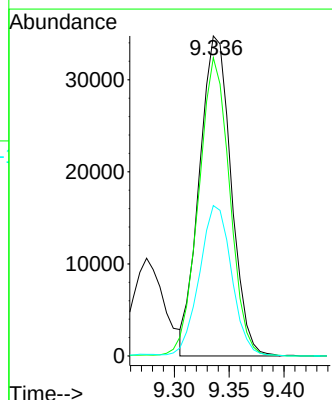
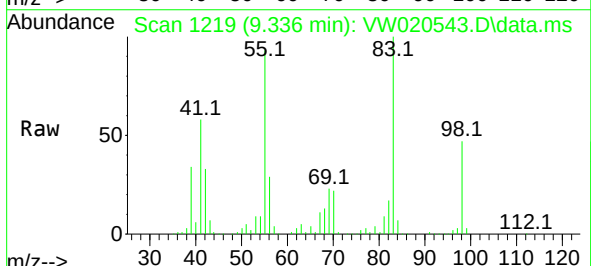
Ion	Ratio	Lower	Upper
95	100		
97	62.6	43.2	80.2
132	89.6	62.3	115.7
130	92.7	66.1	122.7

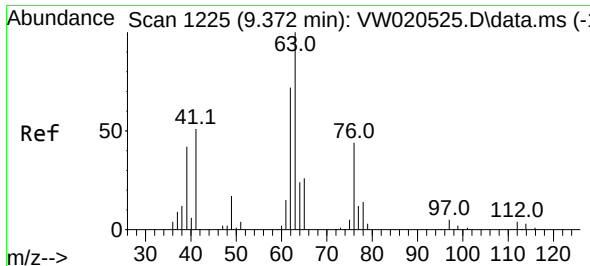


#35
Methylcyclohexane
Concen: 16.847 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

Tgt Ion: 83 Resp: 70036

Ion	Ratio	Lower	Upper
83	100		
55	91.2	69.7	104.5
98	47.8	38.2	57.2

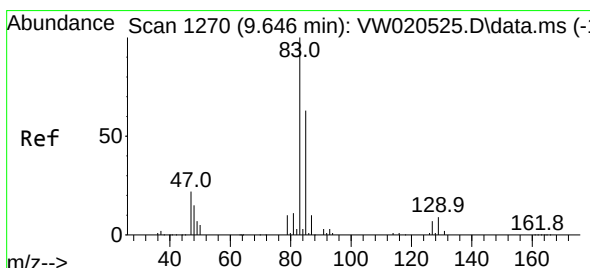
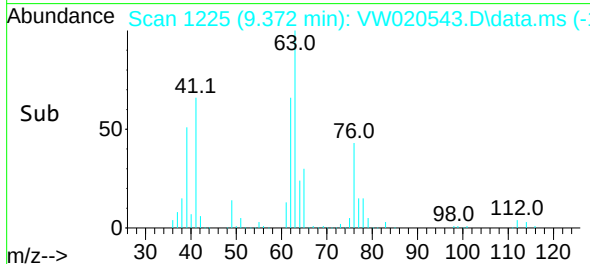
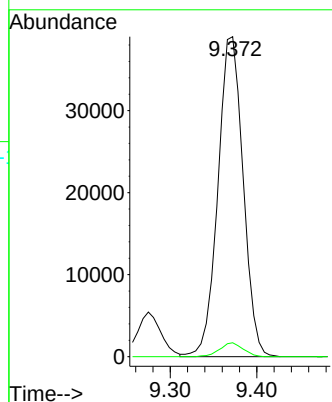
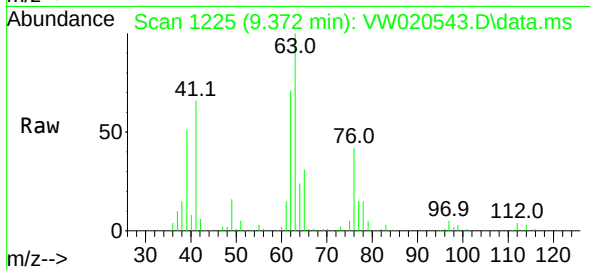




#37
1,2-Dichloropropane
Concen: 30.886 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

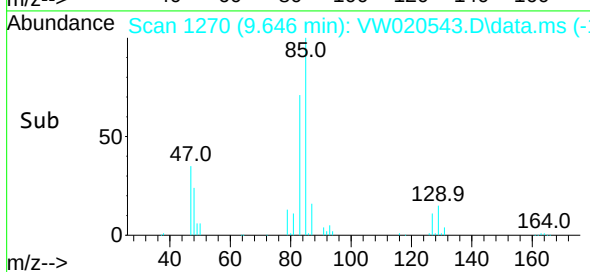
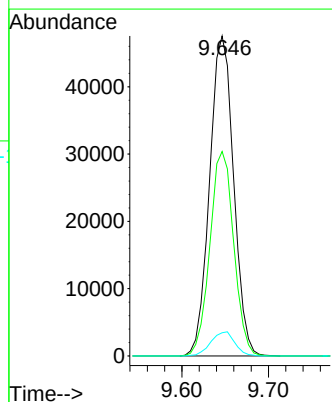
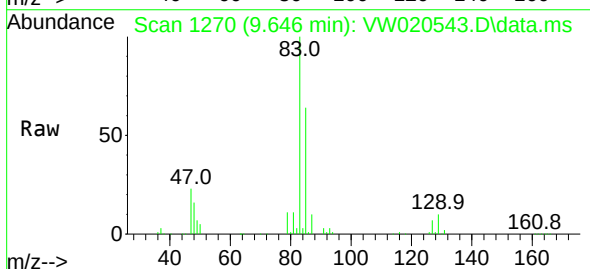
Instrument :
MSVOA_W
ClientSampleId :

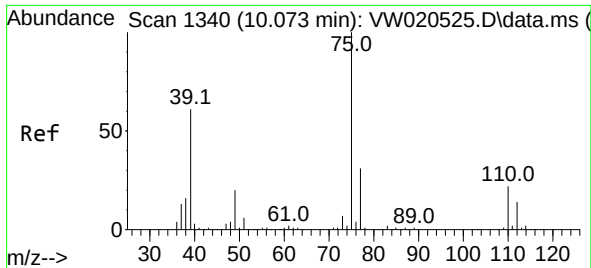
Tgt Ion: 63 Resp: 78868
Ion Ratio Lower Upper
63 100
112 4.0 3.5 5.3



#38
Bromodichloromethane
Concen: 29.861 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

Tgt Ion: 83 Resp: 91419
Ion Ratio Lower Upper
83 100
85 63.9 43.4 80.6
127 7.3 6.2 9.2

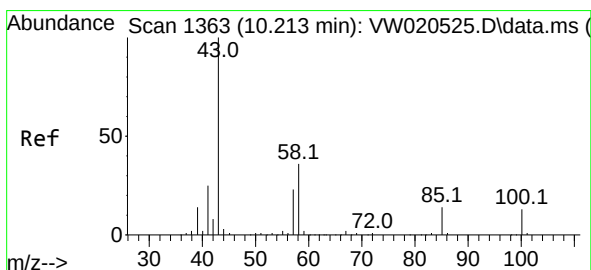
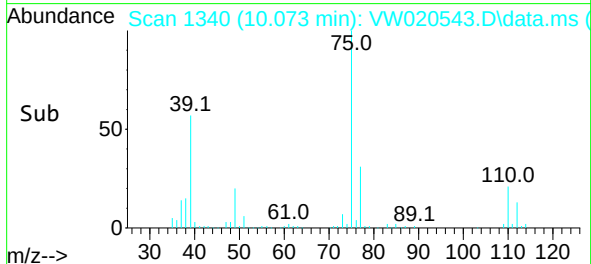
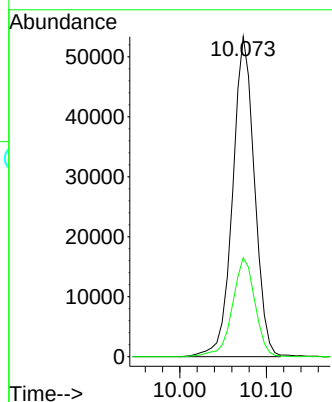
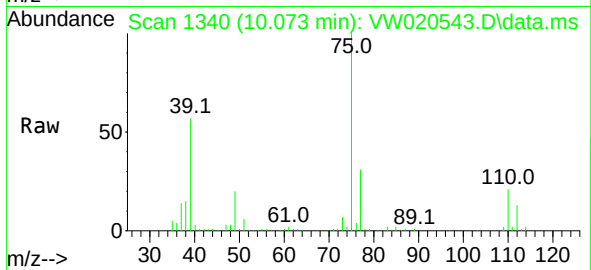




#39
cis-1,3-Dichloropropene
Concen: 26.533 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

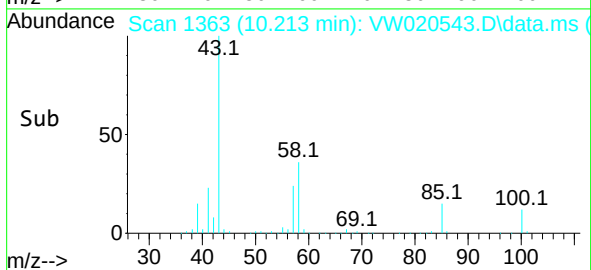
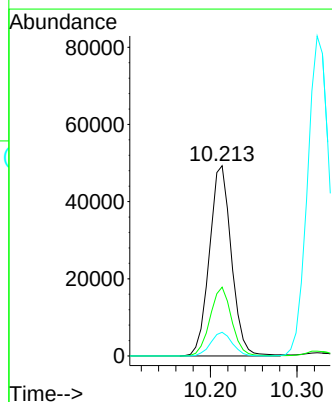
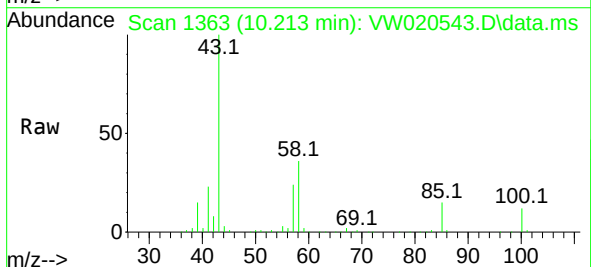
Instrument :
MSVOA_W
ClientSampled :

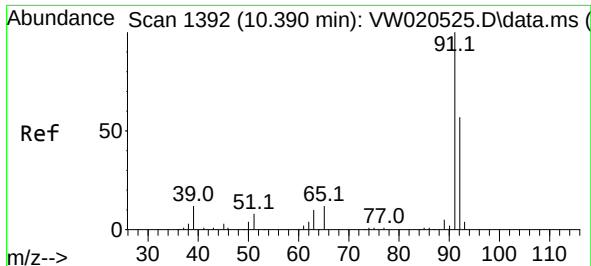
Tgt Ion: 75 Resp: 93475
Ion Ratio Lower Upper
75 100
77 30.9 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 56.673 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

Tgt Ion: 43 Resp: 86858
Ion Ratio Lower Upper
43 100
58 35.5 29.0 43.4
100 12.3 10.2 15.4

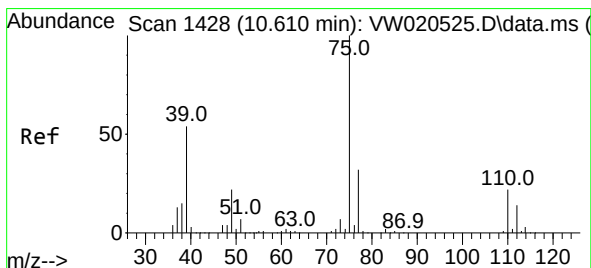
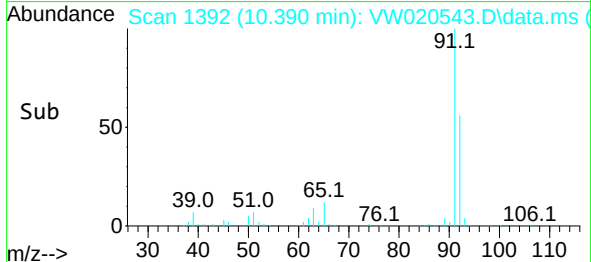
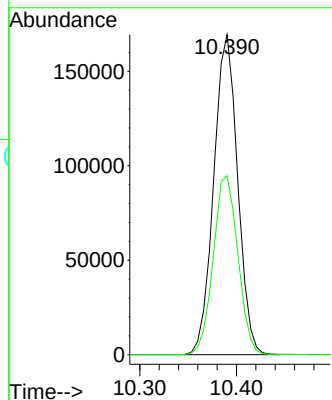
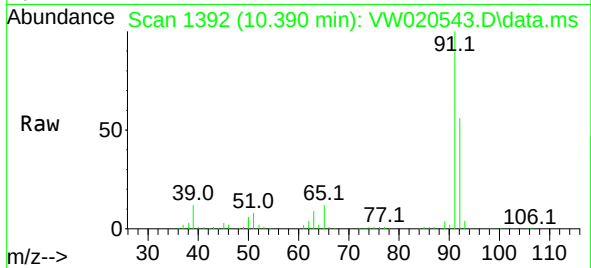




#42
Toluene
Concen: 29.393 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

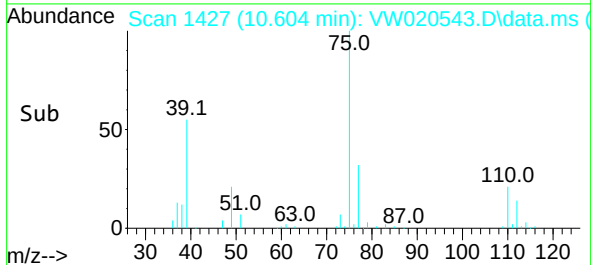
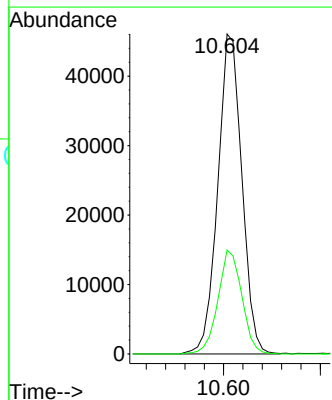
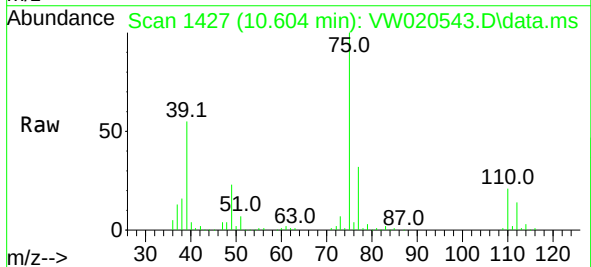
Instrument :
MSVOA_W
ClientSampled :

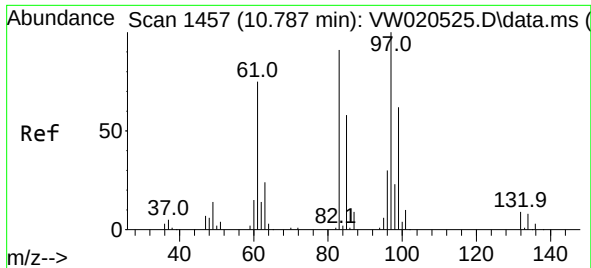
Tgt Ion: 91 Resp: 290704
Ion Ratio Lower Upper
91 100
92 55.9 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 25.582 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

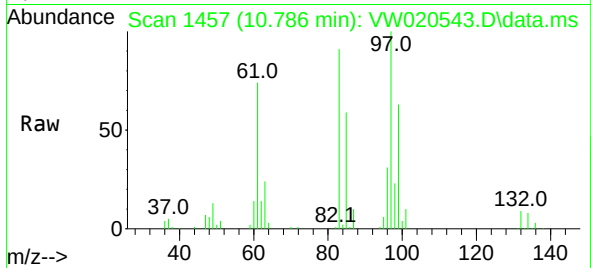
Tgt Ion: 75 Resp: 79451
Ion Ratio Lower Upper
75 100
77 32.5 21.8 40.4



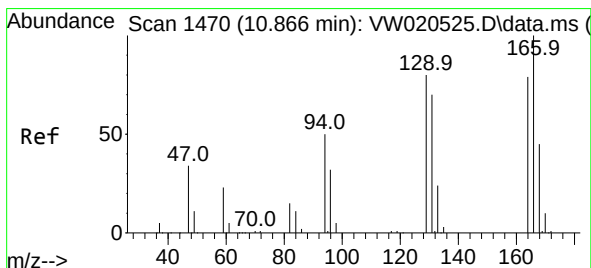
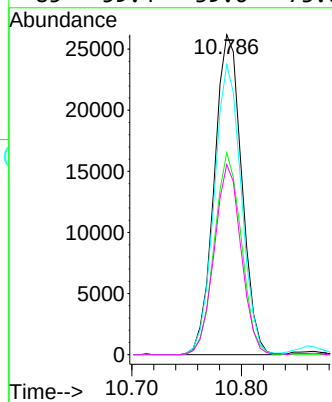
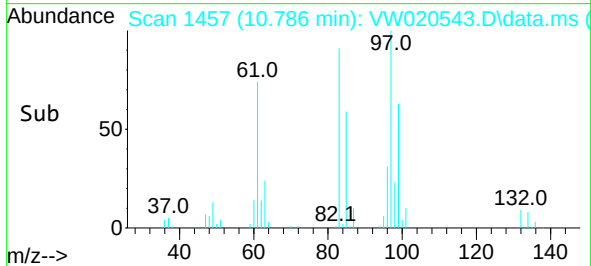


#45
1,1,2-Trichloroethane
Concen: 27.864 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

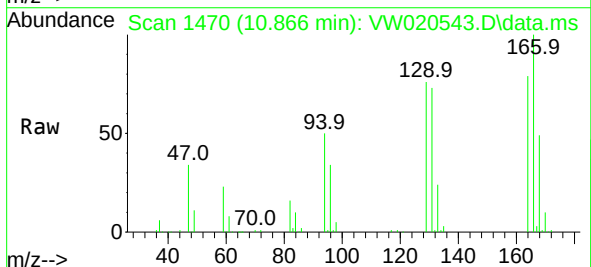
Instrument :
MSVOA_W
ClientSampled :



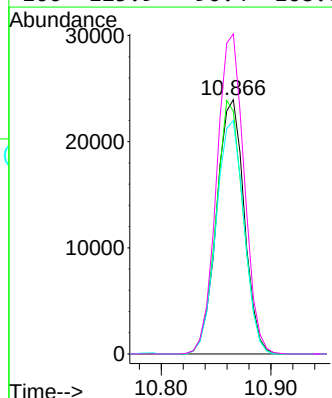
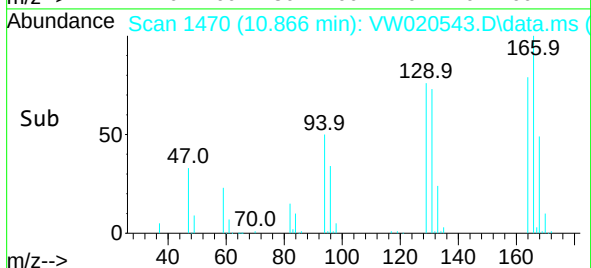
Tgt Ion: 97	Resp: 45684
Ion Ratio	Lower Upper
97 100	
99 63.1	42.8 79.4
83 90.7	60.9 113.1
85 59.4	39.6 73.6

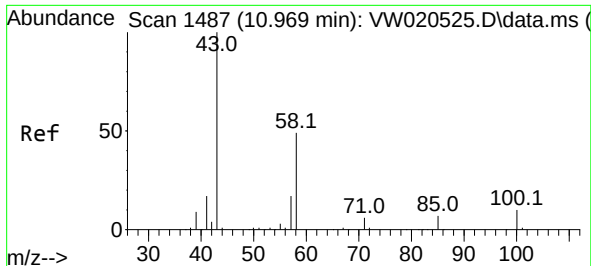


#46
Tetrachloroethene
Concen: 24.018 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59



Tgt	Ion:164	Resp:	41907
Ion	Ratio	Lower	Upper
164	100		
129	95.5	69.1	128.3
131	91.8	58.3	108.3
166	125.9	90.4	168.0

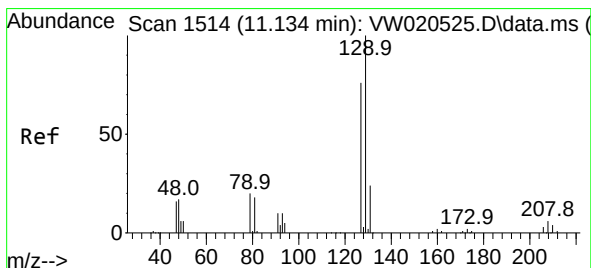
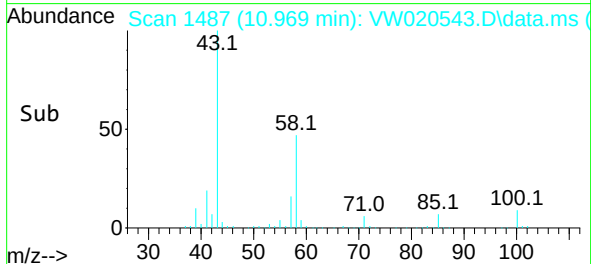
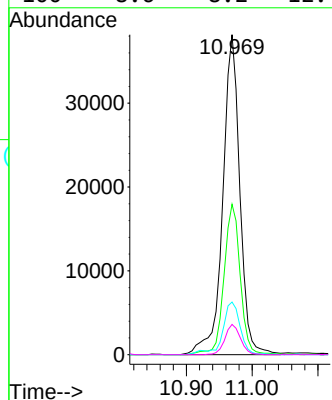
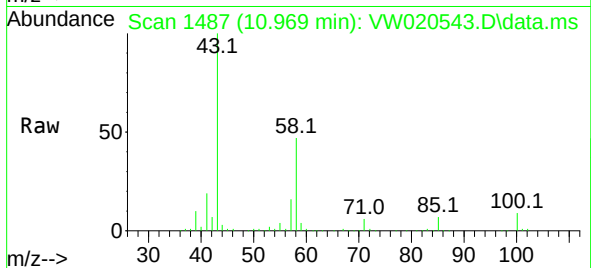




#48
2-Hexanone
Concen: 61.505 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

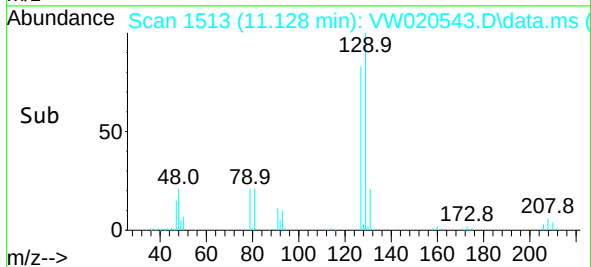
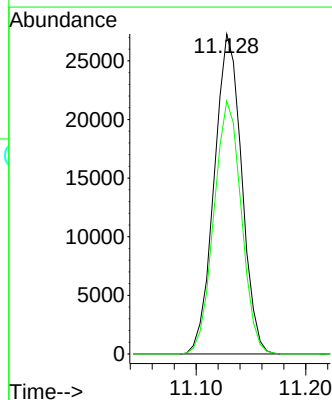
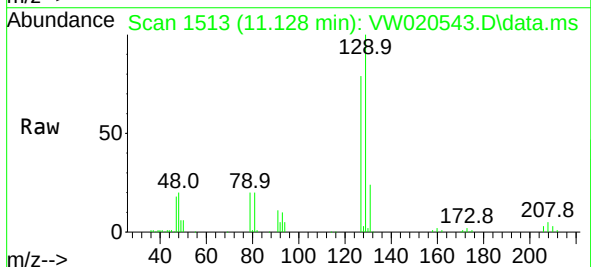
Instrument :
MSVOA_W
ClientSampled :

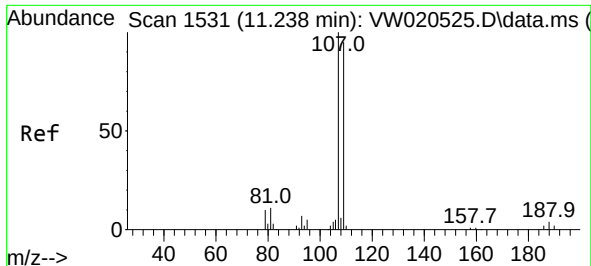
Tgt Ion: 43	Resp: 69160
Ion Ratio	Lower Upper
43	100
58	44.7 39.5 59.3
57	15.8 14.2 21.4
100	8.6 8.2 12.4



#49
Dibromochloromethane
Concen: 26.264 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

Tgt Ion: 129	Resp: 47439
Ion Ratio	Lower Upper
129	100
127	79.0 55.1 102.3

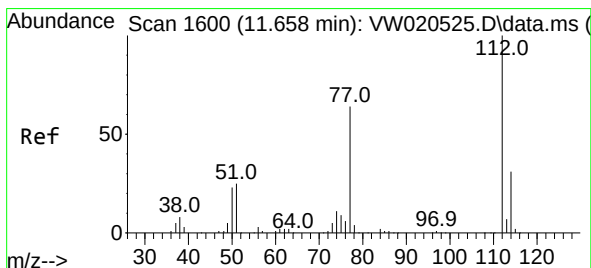
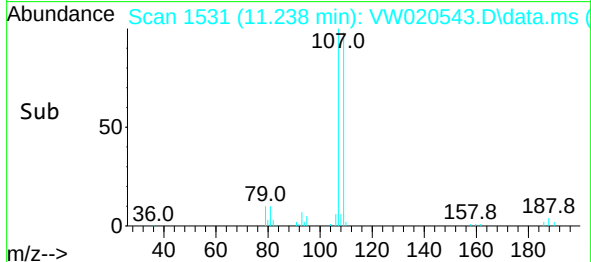
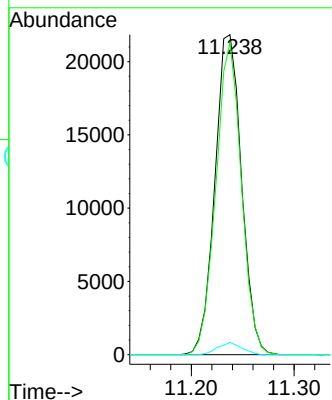
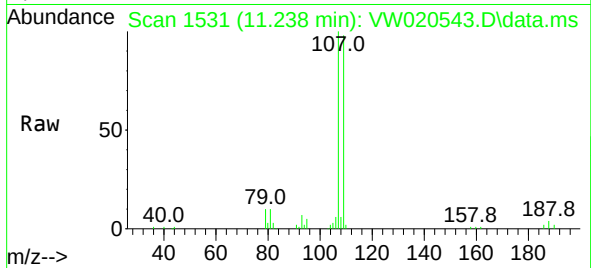




#50
1,2-Dibromoethane
Concen: 26.047 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

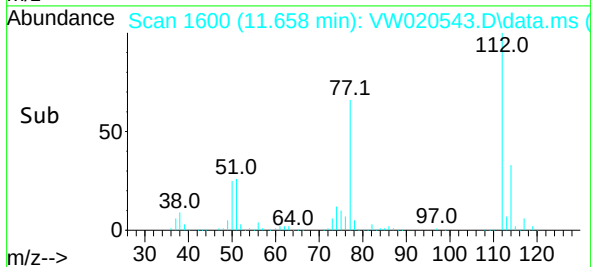
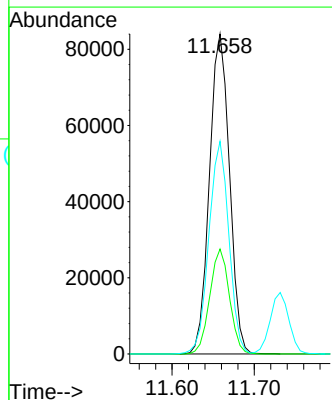
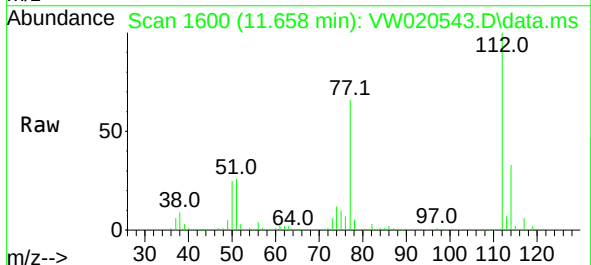
Instrument :
MSVOA_W
ClientSampleId :

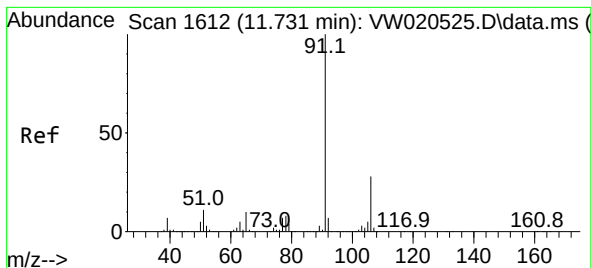
Tgt Ion:	107	Resp:	39226
Ion	Ratio	Lower	Upper
107	100		
109	97.5	64.5	119.9
188	3.8	3.2	4.8



#51
Chlorobenzene
Concen: 23.341 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

Tgt Ion:	112	Resp:	142353
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.3	41.5
77	66.5	50.7	76.1

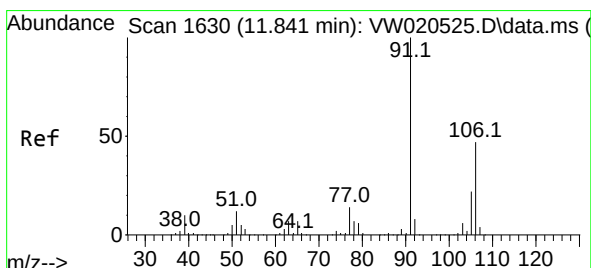
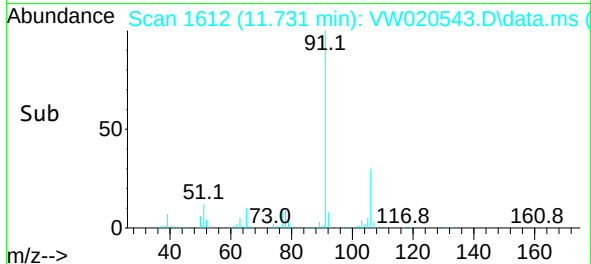
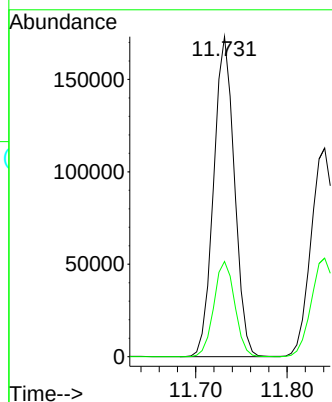
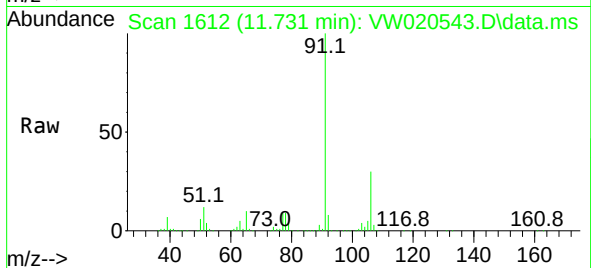




#52
Ethylbenzene
Concen: 25.435 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

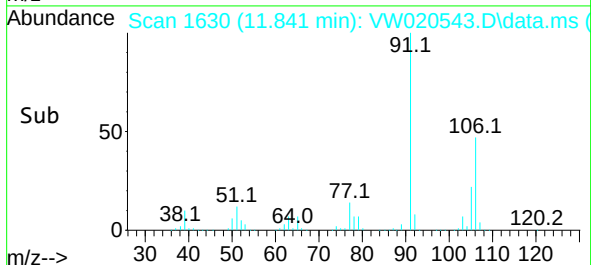
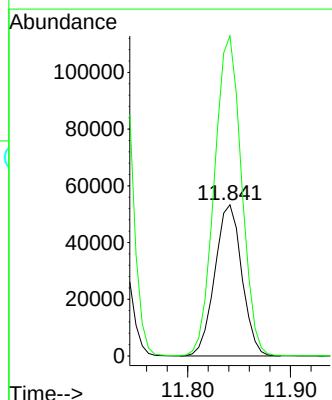
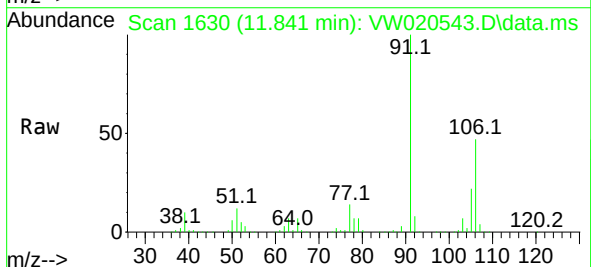
Instrument :
MSVOA_W
ClientSampled :

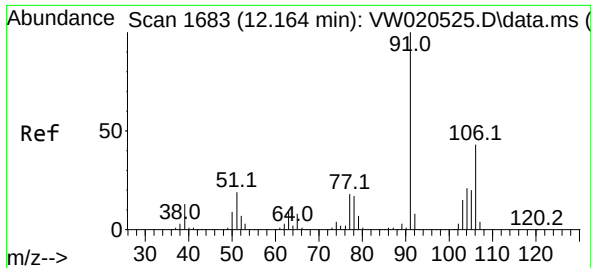
Tgt Ion: 91 Resp: 272790
Ion Ratio Lower Upper
91 100
106 29.8 21.3 39.5



#53
m,p-Xylene
Concen: 24.500 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

Tgt Ion:106 Resp: 97360
Ion Ratio Lower Upper
106 100
91 211.6 148.2 275.2

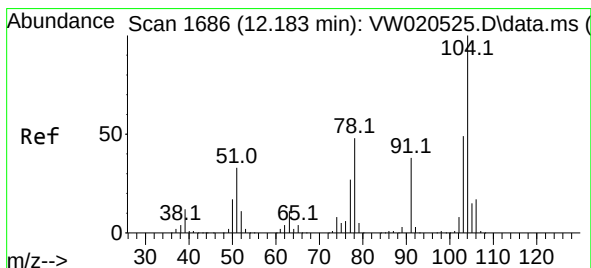
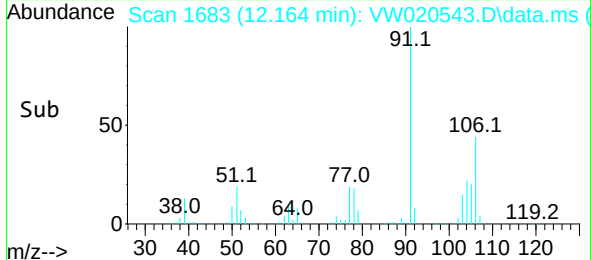
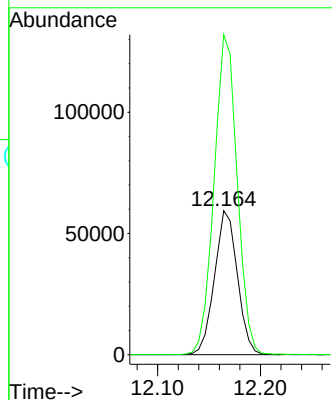
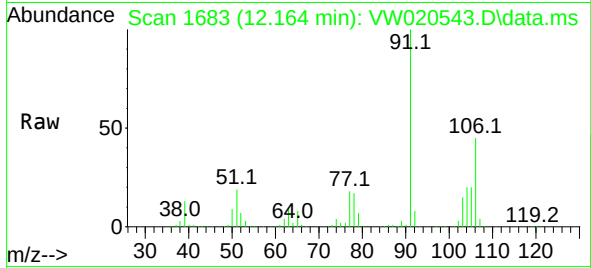




#54
o-Xylene
Concen: 24.993 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

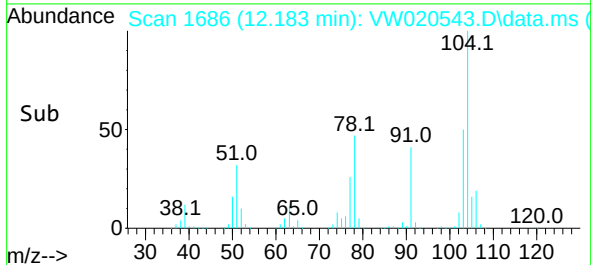
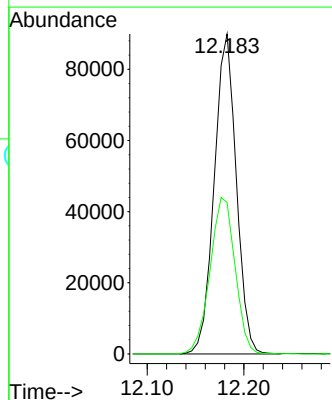
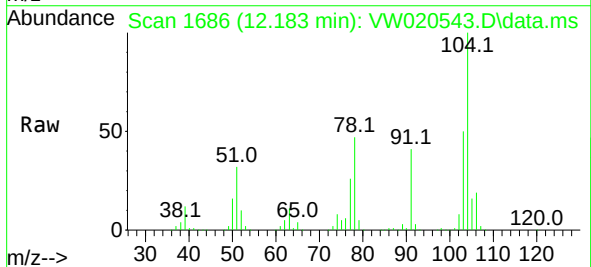
Instrument :
MSVOA_W
ClientSampleId :

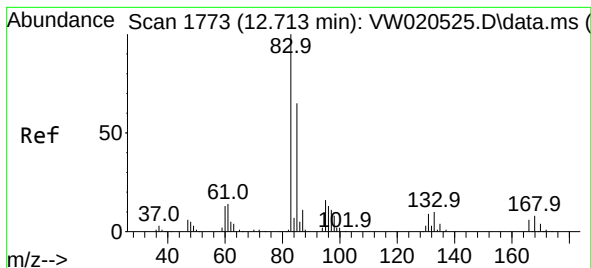
Tgt Ion:106 Resp: 91723
Ion Ratio Lower Upper
106 100
91 222.1 156.1 289.9



#55
Styrene
Concen: 22.189 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

Tgt Ion:104 Resp: 142383
Ion Ratio Lower Upper
104 100
78 47.3 33.2 61.7

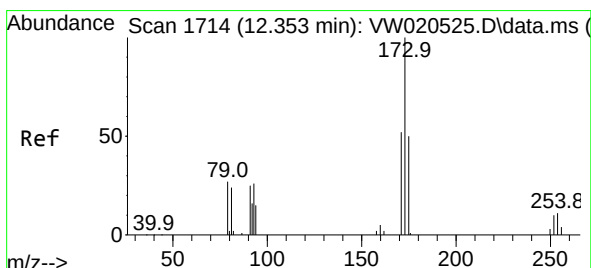
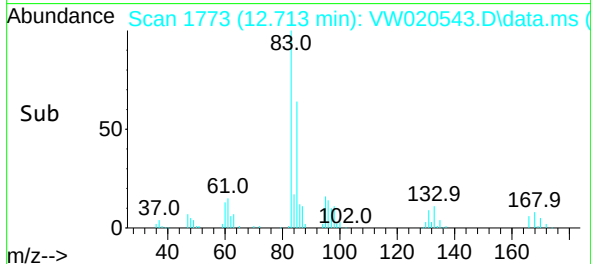
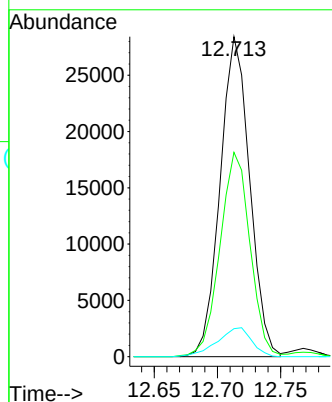
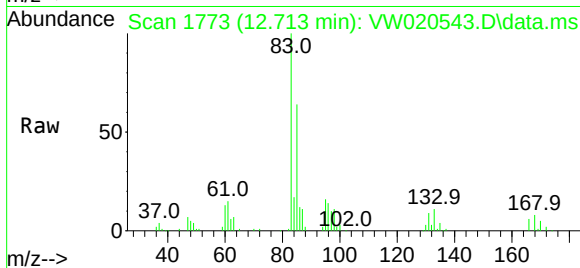




#57
1,1,2,2-Tetrachloroethane
Concen: 22.734 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

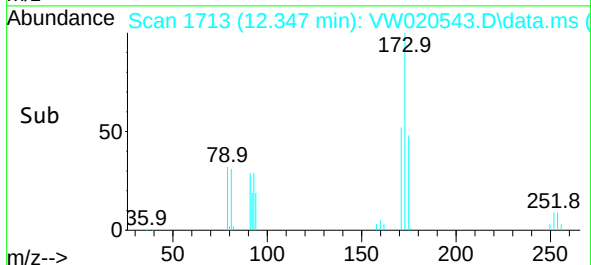
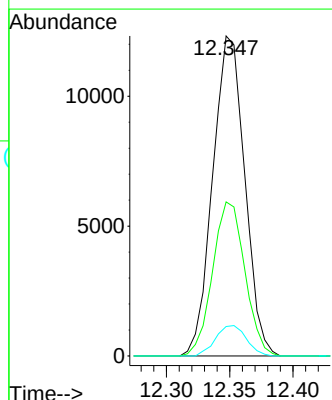
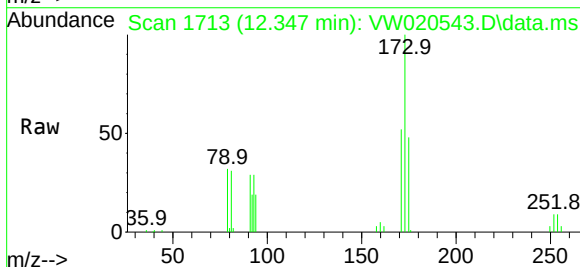
Instrument :
MSVOA_W
ClientSampled :

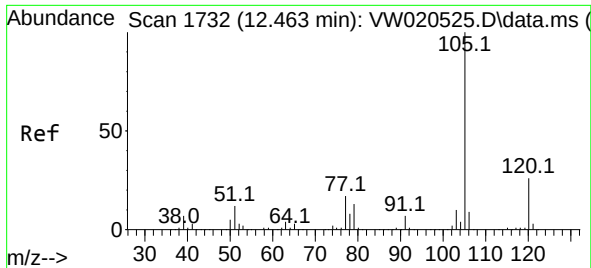
Tgt Ion: 83 Resp: 46205
Ion Ratio Lower Upper
83 100
85 63.8 45.9 85.3
131 8.7 7.4 11.2



#59
Bromoform
Concen: 37.988 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

Tgt Ion:173 Resp: 21690
Ion Ratio Lower Upper
173 100
175 48.5 38.6 57.8
254 9.2 7.3 10.9

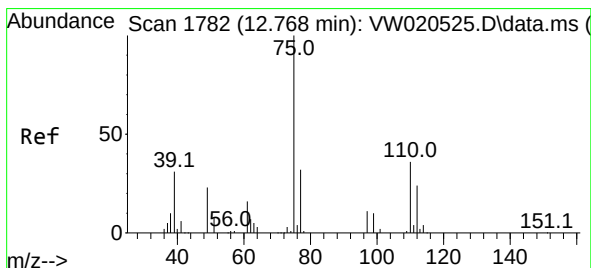
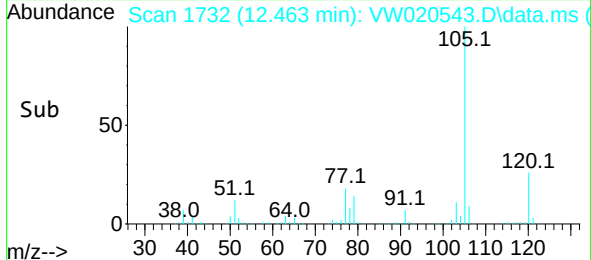
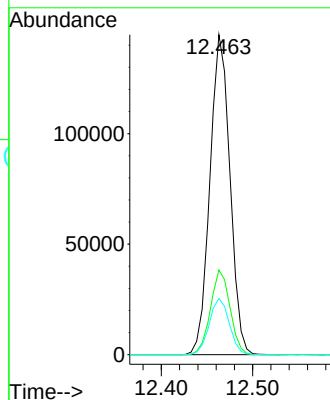
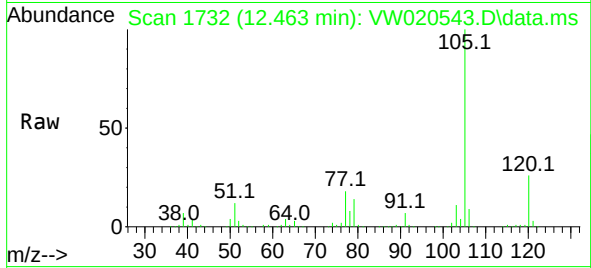




#60
Isopropylbenzene
Concen: 36.756 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

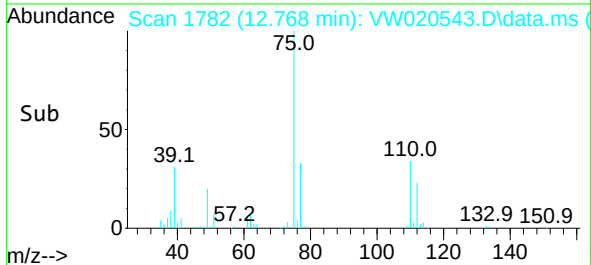
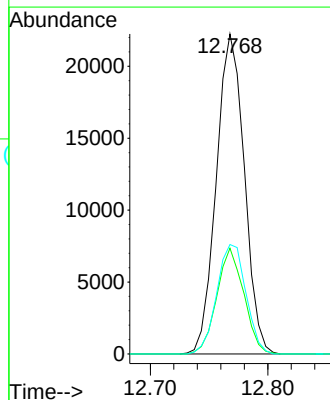
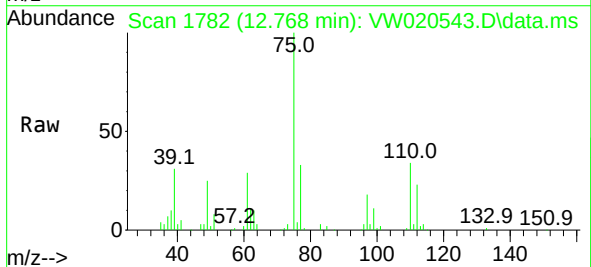
Instrument :
MSVOA_W
ClientSampled :

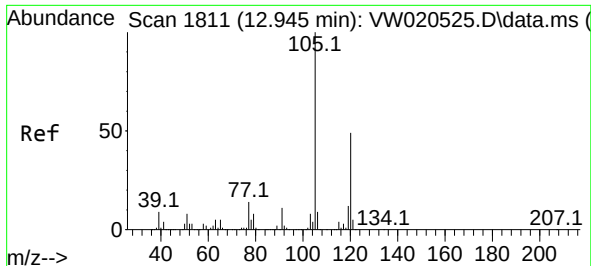
Tgt Ion:105 Resp: 219876
Ion Ratio Lower Upper
105 100
120 25.8 20.3 30.5
77 17.6 13.8 20.6



#61
1,2,3-Trichloropropane
Concen: 41.063 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

Tgt Ion: 75 Resp: 36870
Ion Ratio Lower Upper
75 100
77 31.9 25.1 37.7
110 35.6 29.4 44.0

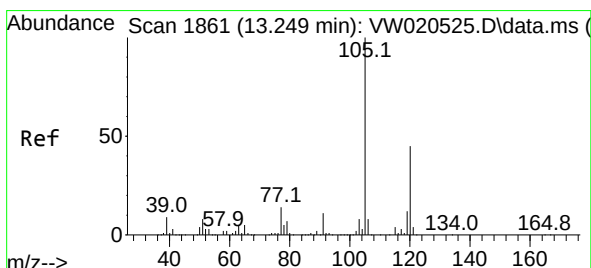
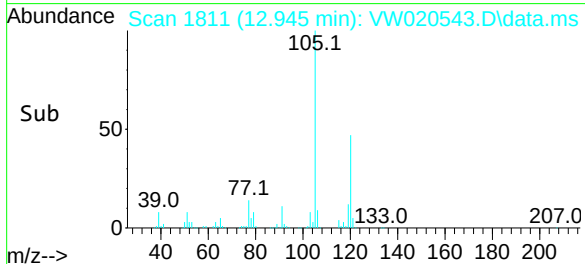
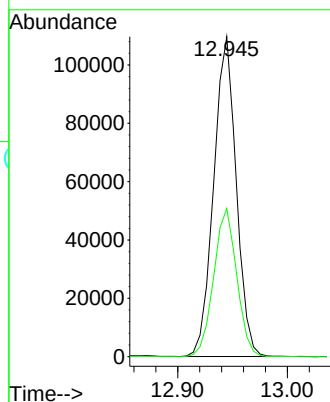
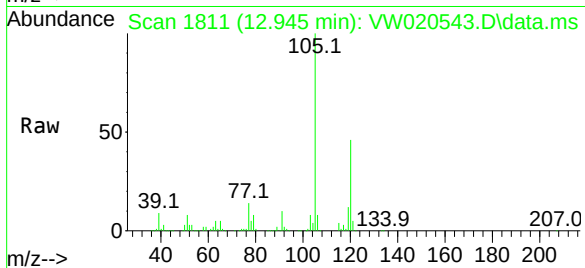




#62
1,3,5-Trimethylbenzene
Concen: 32.075 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

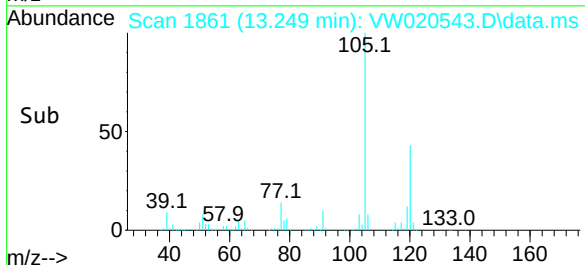
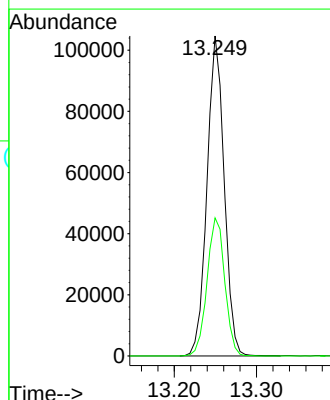
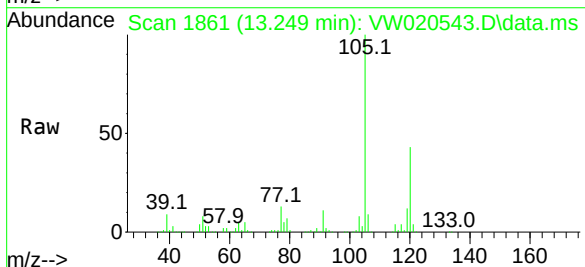
Instrument :
MSVOA_W
ClientSampleId :

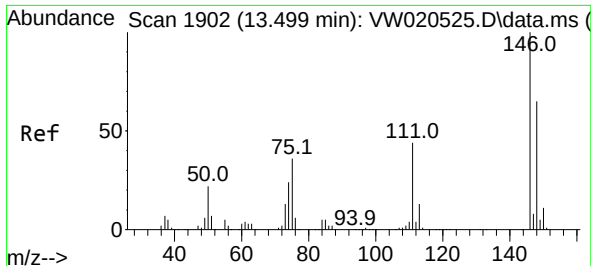
Tgt Ion:105 Resp: 156659
Ion Ratio Lower Upper
105 100
120 47.3 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 31.406 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

Tgt Ion:105 Resp: 151941
Ion Ratio Lower Upper
105 100
120 44.4 35.4 53.2

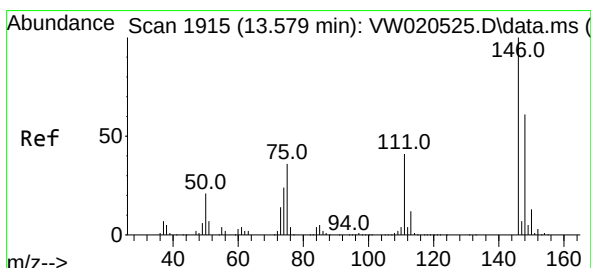
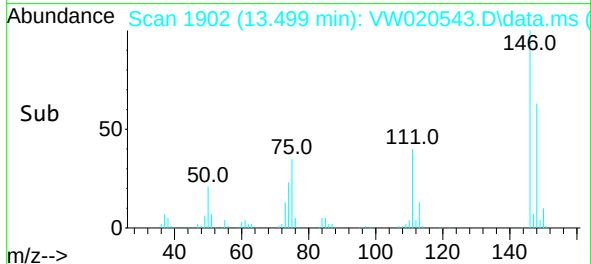
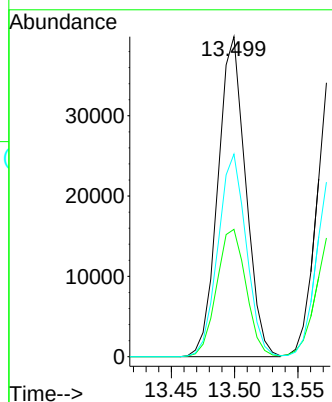
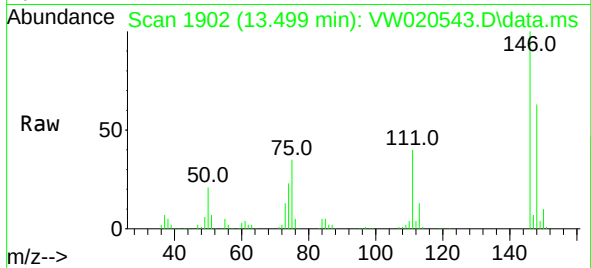




#64
1,3-Dichlorobenzene
Concen: 23.451 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

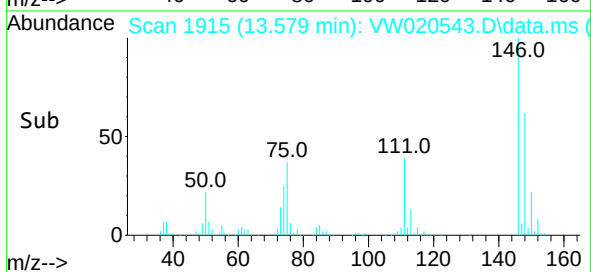
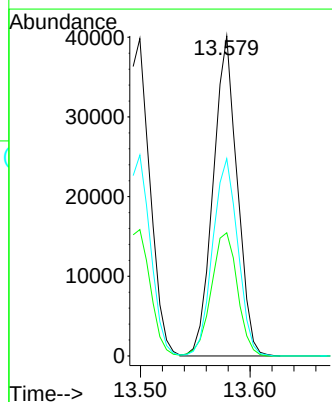
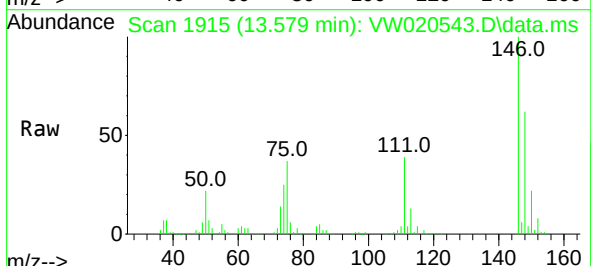
Instrument :
MSVOA_W
ClientSampleId :

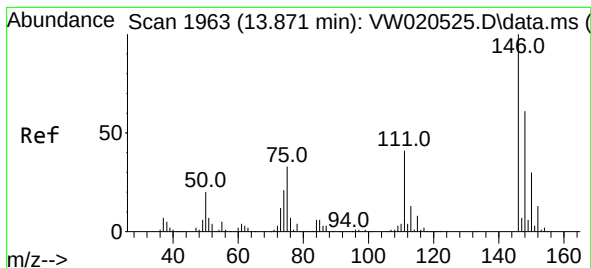
Tgt Ion:146 Resp: 60699
Ion Ratio Lower Upper
146 100
111 39.8 29.0 53.8
148 63.3 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 22.898 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

Tgt Ion:146 Resp: 61304
Ion Ratio Lower Upper
146 100
111 38.5 30.9 57.5
148 61.7 46.1 85.7

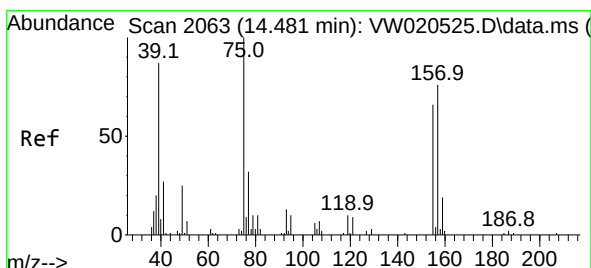
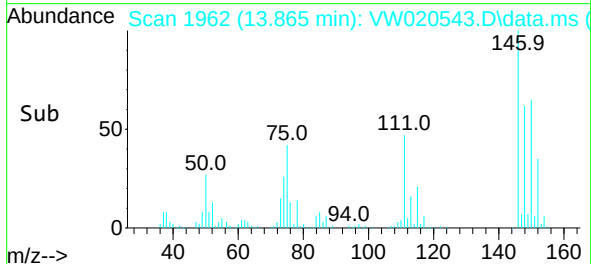
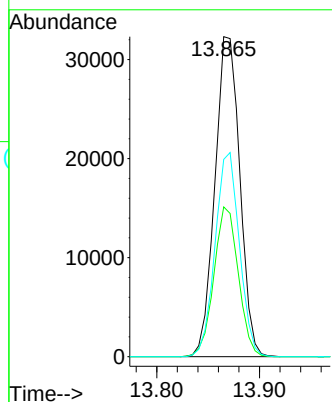
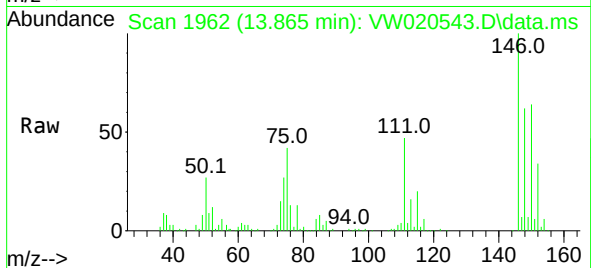




#67
1,2-Dichlorobenzene
Concen: 22.948 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

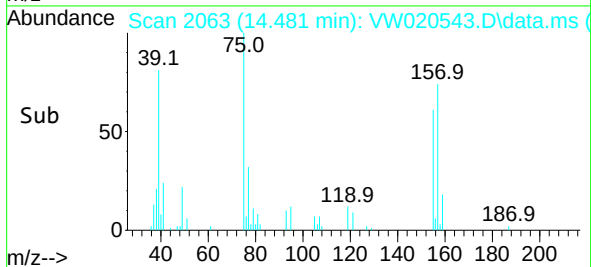
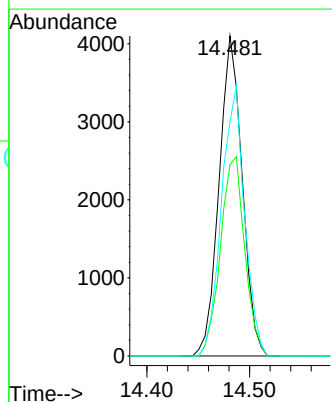
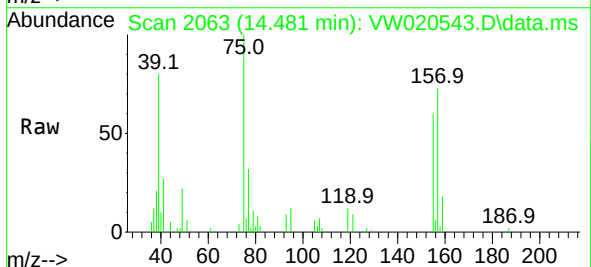
Instrument :
MSVOA_W
ClientSampleId :

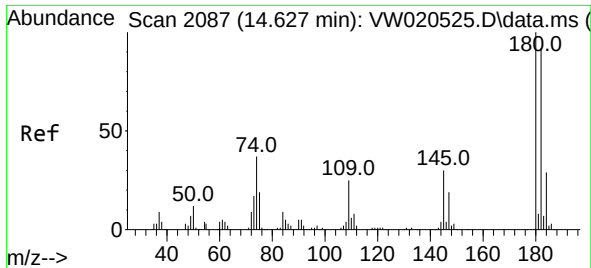
Tgt Ion:146 Resp: 54416
Ion Ratio Lower Upper
146 100
111 46.8 33.9 50.9
148 61.6 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 33.499 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

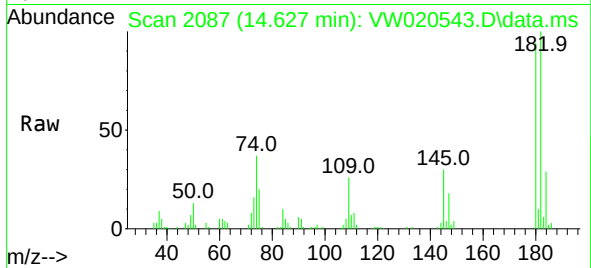
Tgt Ion: 75 Resp: 6389
Ion Ratio Lower Upper
75 100
155 59.7 51.4 77.0
157 73.2 70.8 106.2



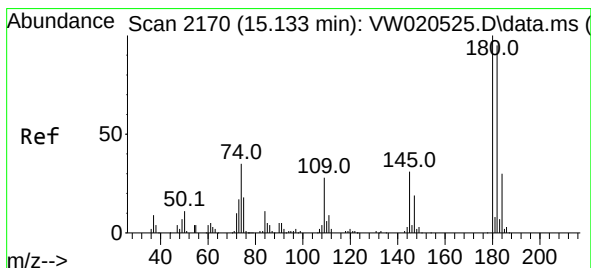
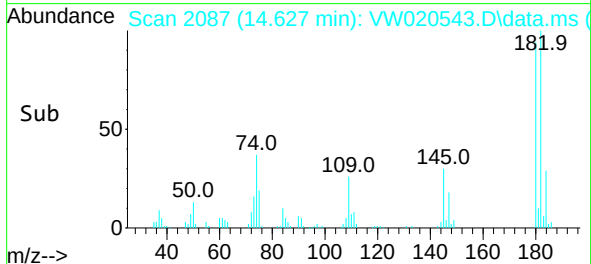
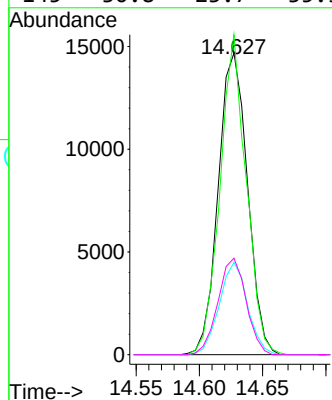


#69
1,3,5-Trichlorobenzene
Concen: 12.773 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

Instrument :
MSVOA_W
ClientSampled :

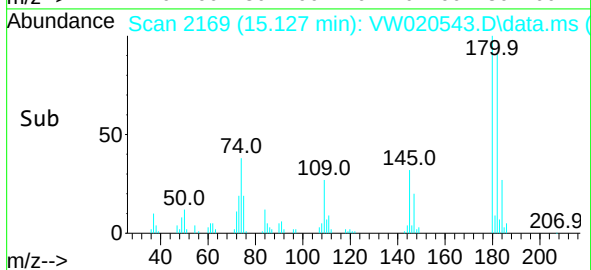
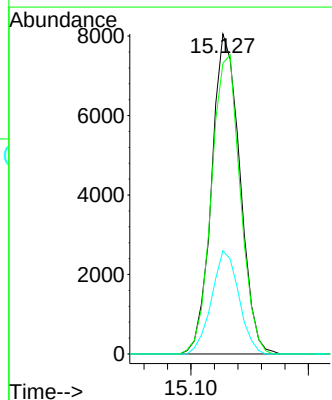
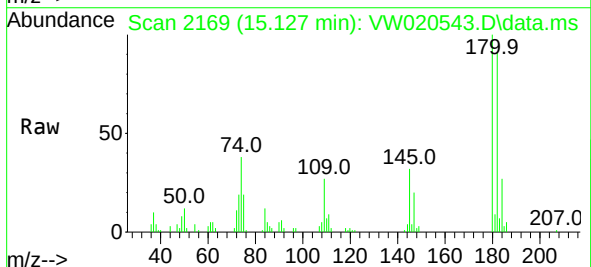


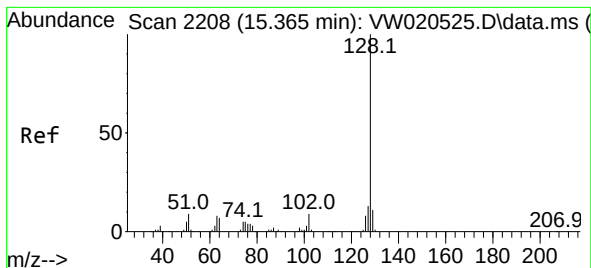
Tgt Ion:180 Resp: 23575
Ion Ratio Lower Upper
180 100
182 95.0 73.4 110.0
184 29.6 24.2 36.4
145 30.8 23.7 35.5



#70
1,2,4-trichlorobenzene
Concen: 9.178 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

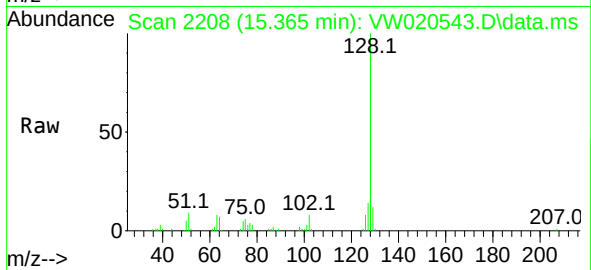
Tgt Ion:180 Resp: 13413
Ion Ratio Lower Upper
180 100
182 94.9 75.8 113.8
145 31.2 24.8 37.2



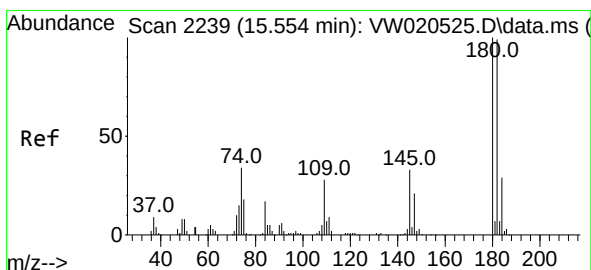
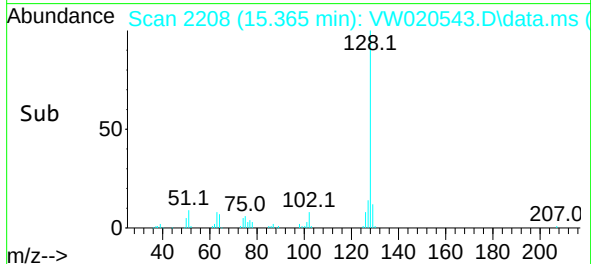
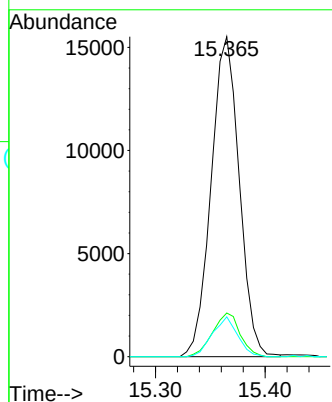


#71
Naphthalene
Concen: 10.525 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	27656
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.5	15.7
129	11.2	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 8.171 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW020543.D
Acq: 15 Oct 2021 18:59

Tgt Ion:	180	Resp:	10488
Ion Ratio	Lower	Upper	
180	100		
182	91.6	74.8	112.2
145	34.2	26.2	39.4

