

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093021\
 Data File : VW020277.D
 Acq On : 30 Sep 2021 18:05
 Operator : SY/VA
 Sample : M3974-05MSD
 Misc : 7.27g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 01 01:07:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 01 01:03:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	16507	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	5969	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	843	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	15972	47.297	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	189.200%#
7) Chloroethane-d5	2.904	69	7517	29.548	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.200%
11) 1,1-Dichloroethene-d2	4.032	63	21353	40.385	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	161.520%#
21) 2-Butanone-d5	7.098	46	368	7.062	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	14.120%#
24) Chloroform-d	7.665	84	10284	19.810	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.240%
26) 1,2-Dichloroethane-d4	8.311	65	3917	14.019	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	56.080%#
32) Benzene-d6	8.281	84	25936	68.107	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	272.440%#
36) 1,2-Dichloropropane-d6	9.274	67	3924	35.605	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	142.400%#
41) Toluene-d8	10.323	98	11977	34.566	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	138.280%#
43) trans-1,3-Dichloroprop...	10.579	79	643	13.650	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.600%
47) 2-Hexanone-d5	10.933	63	345	22.621	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.240%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	1598	18.797	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.200%
66) 1,2-Dichlorobenzene-d4	13.560	152	843	26.669	ug/L	-0.29
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.680%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	14059	97.240	ug/L	99
3) Chloromethane	2.221	50	10863	54.336	ug/L	99
5) Vinyl chloride	2.361	62	21838	69.563	ug/L	94
6) Bromomethane	2.794	94	6922	34.108	ug/L	100
8) Chloroethane	2.940	64	7206	37.958	ug/L	93
9) Trichlorofluoromethane	3.288	101	28693	129.910	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	17325	71.751	ug/L	96
12) 1,1-Dichloroethene	4.062	96	10419	47.595	ug/L #	67
13) Acetone	4.129	43	620	13.892	ug/L	69
14) Carbon disulfide	4.397	76	31124	45.210	ug/L	99
15) Methyl Acetate	4.684	43	354	4.148	ug/L #	74
16) Methylene chloride	4.928	84	4694	16.116	ug/L	90
17) trans-1,2-Dichloroethene	5.434	96	10498	45.521	ug/L	88
18) Methyl tert-butyl Ether	5.440	73	4549	16.616	ug/L #	60
19) 1,1-Dichloroethane	6.226	63	11764	27.657	ug/L	90
20) cis-1,2-Dichloroethene	7.177	96	5085	21.681	ug/L	90
22) 2-Butanone	7.196	43	307	5.302	ug/L	79
23) Bromochloromethane	7.519	128	840	7.901	ug/L #	75
25) Chloroform	7.677	83	10727	24.116	ug/L	89

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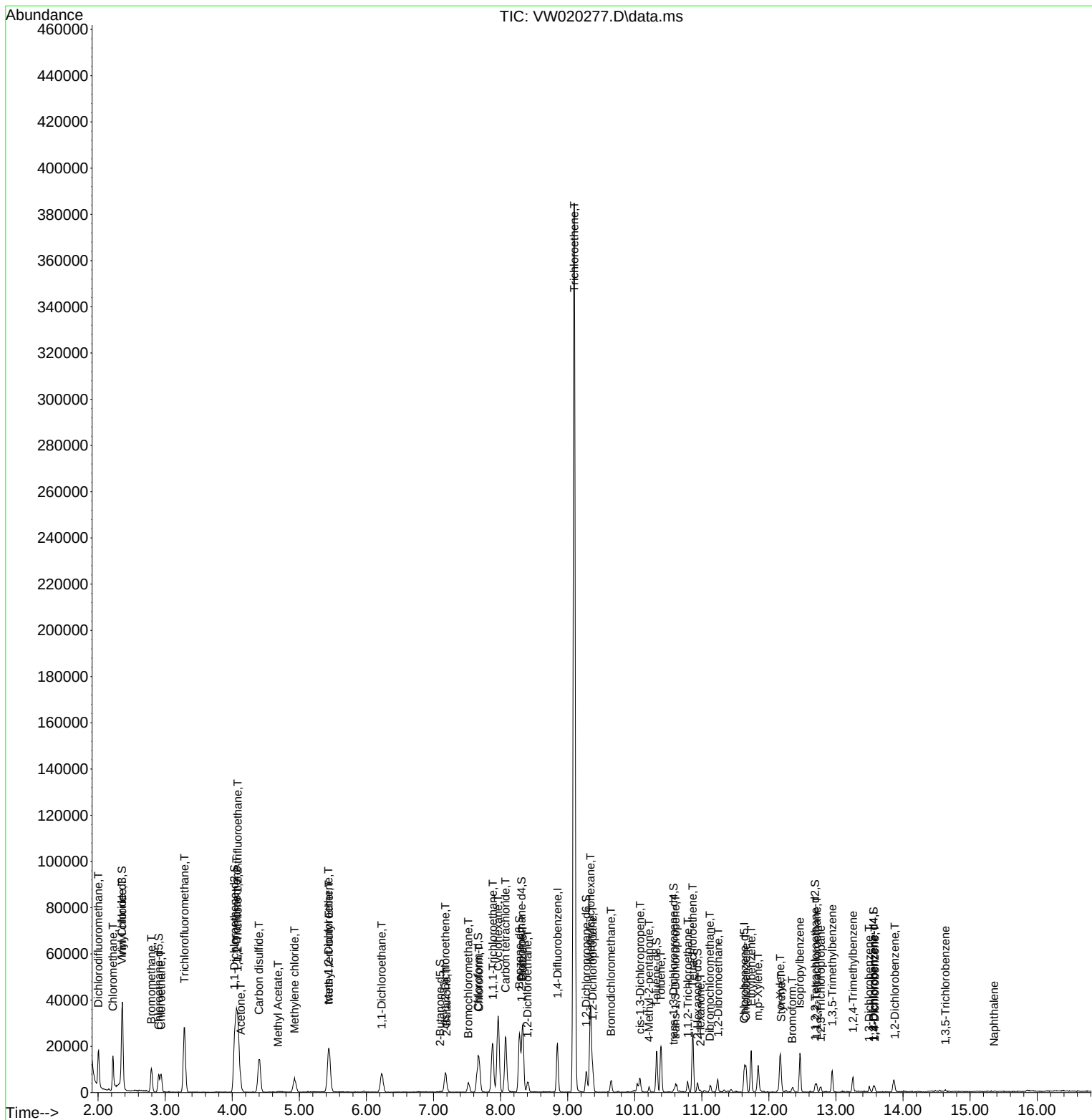
Instrument :
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 ClientSampleId :

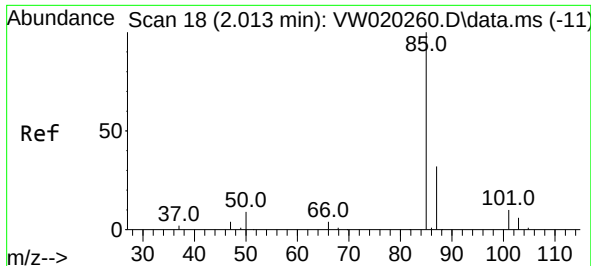
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	2726	9.313	ug/L #	90
29) Cyclohexane	7.964	56	15240	114.743	ug/L	96
30) 1,1,1-Trichloroethane	7.884	97	17710	119.736	ug/L	98
31) Carbon tetrachloride	8.073	117	17957	133.434	ug/L	97
33) Benzene	8.329	78	27130	75.312	ug/L	100
34) Trichloroethene	9.098	95	134968	1399.589	ug/L	94
35) Methylcyclohexane	9.342	83	14674	93.390	ug/L	99
37) 1,2-Dichloropropane	9.372	63	3291	36.884	ug/L #	93
38) Bromodichloromethane	9.646	83	3671	30.382	ug/L	99
39) cis-1,3-Dichloropropene	10.079	75	3191	24.247	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	1147	25.524	ug/L #	85
42) Toluene	10.390	91	15273	39.907	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	1888	15.972	ug/L	90
45) 1,1,2-Trichloroethane	10.792	97	1606	24.547	ug/L	88
46) Tetrachloroethene	10.866	164	5651	75.815	ug/L	93
48) 2-Hexanone	10.981	43	664	21.212	ug/L #	85
49) Dibromochloromethane	11.122	129	1449	18.954	ug/L	89
50) 1,2-Dibromoethane	11.244	107	1139	18.499	ug/L #	93
51) Chlorobenzene	11.658	112	5458	21.927	ug/L	96
52) Ethylbenzene	11.737	91	11578	27.466	ug/L	92
53) m,p-Xylene	11.841	106	3482	21.667	ug/L	94
54) o-Xylene	12.170	106	3694	24.848	ug/L	85
55) Styrene	12.182	104	3167	12.260	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	1297	16.597	ug/L #	90
59) Bromoform	12.347	173	596	51.855	ug/L #	96
60) Isopropylbenzene	12.463	105	10016	88.613	ug/L	96
61) 1,2,3-Trichloropropane	12.774	75	906	56.917	ug/L #	85
62) 1,3,5-Trimethylbenzene	12.945	105	4752	51.227	ug/L	97
63) 1,2,4-Trimethylbenzene	13.255	105	3839	42.129	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	1184	22.841	ug/L #	82
65) 1,4-Dichlorobenzene	13.579	146	915	17.081	ug/L #	84
67) 1,2-Dichlorobenzene	13.877	146	1221	25.863	ug/L	94
69) 1,3,5-Trichlorobenzene	14.633	180	309	8.618	ug/L #	83
71) Naphthalene	15.359	128	184	3.770	ug/L #	69

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

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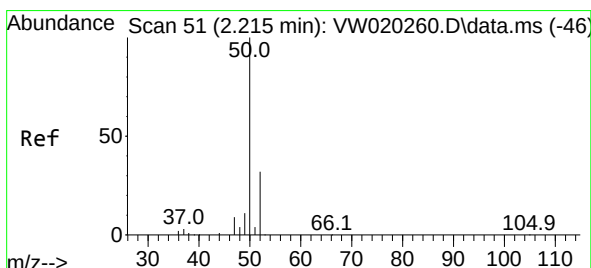
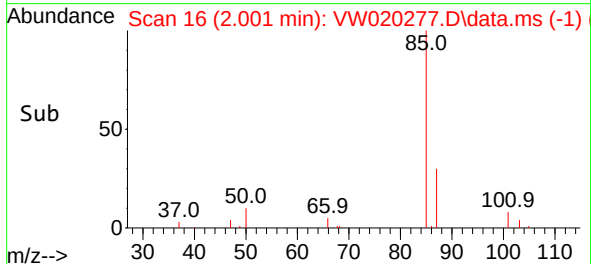
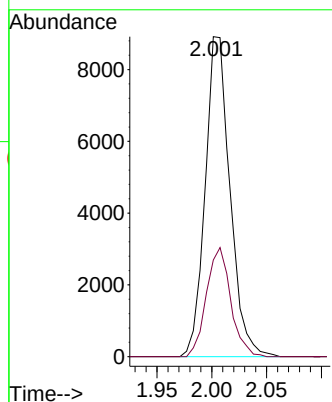
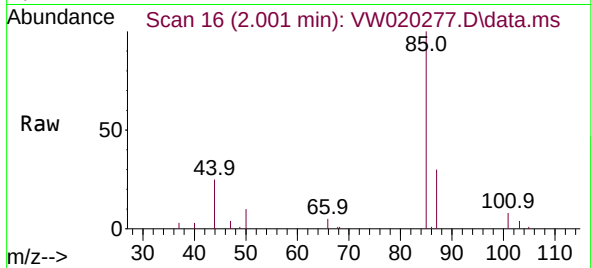




#2
 Dichlorodifluoromethane
 Concen: 97.240 ug/L
 RT: 2.001 min Scan# 16
 Delta R.T. -0.012 min
 Lab File: VW020277.D
 Acq: 30 Sep 2021 18:05

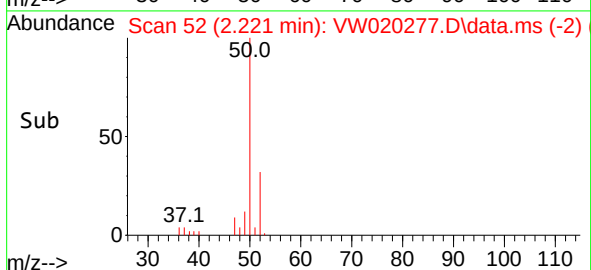
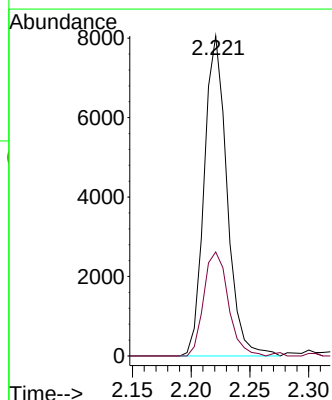
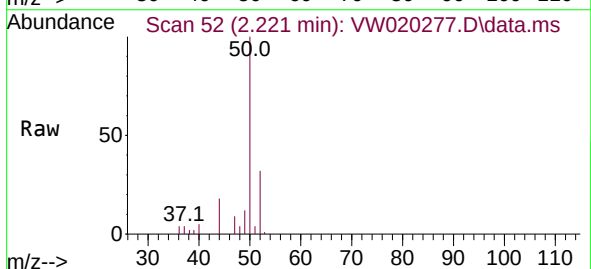
Instrument :
 MSVOA_W
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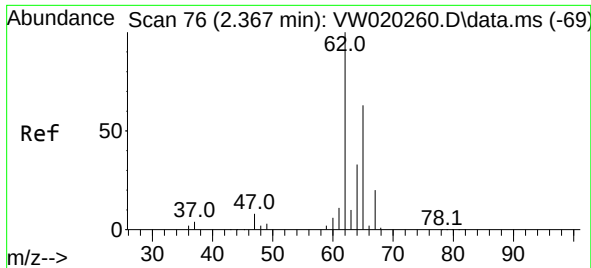
Tgt Ion: 85 Resp: 14059
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.3 39.5



#3
 Chloromethane
 Concen: 54.336 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW020277.D
 Acq: 30 Sep 2021 18:05

Tgt Ion: 50 Resp: 10863
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.5 41.9

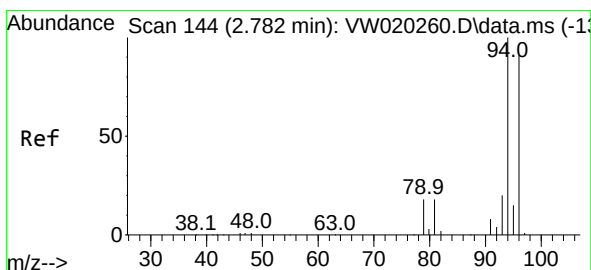
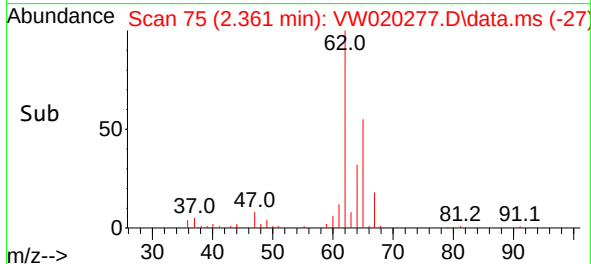
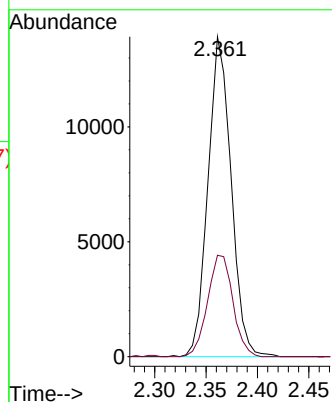
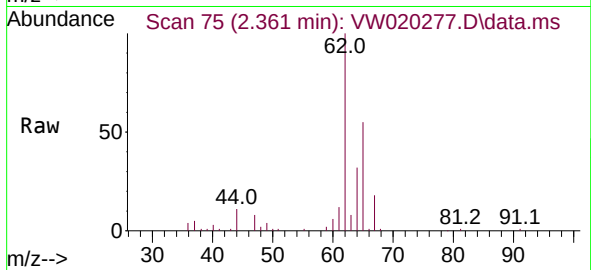




#5
 Vinyl chloride
 Concen: 69.563 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: VW020277.D
 Acq: 30 Sep 2021 18:05

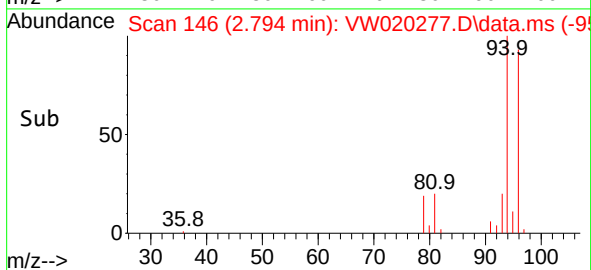
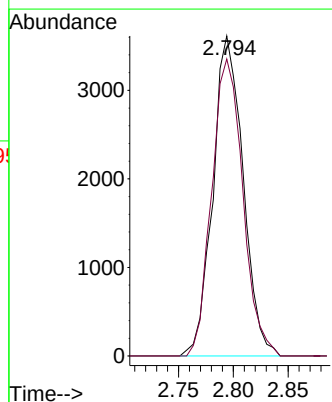
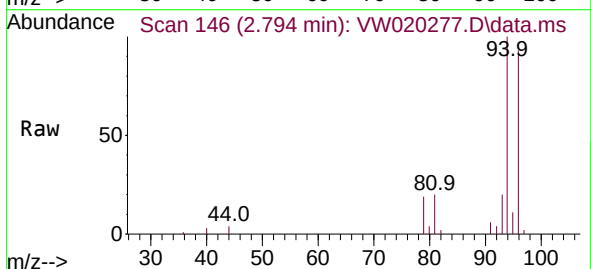
Instrument :
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 ClientSampled :

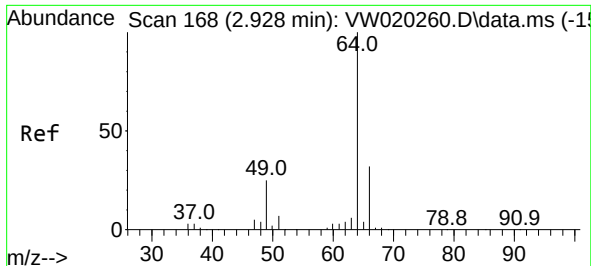
Tgt Ion: 62 Resp: 21838
 Ion Ratio Lower Upper
 62 100
 64 31.7 24.5 45.5



#6
 Bromomethane
 Concen: 34.108 ug/L
 RT: 2.794 min Scan# 146
 Delta R.T. 0.012 min
 Lab File: VW020277.D
 Acq: 30 Sep 2021 18:05

Tgt Ion: 94 Resp: 6922
 Ion Ratio Lower Upper
 94 100
 96 92.8 64.8 120.3





#8

Chloroethane

Concen: 37.958 ug/L

RT: 2.940 min Scan# 170

Delta R.T. 0.012 min

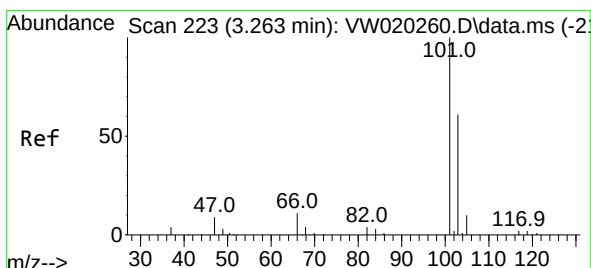
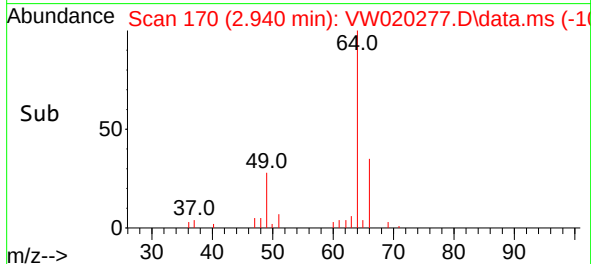
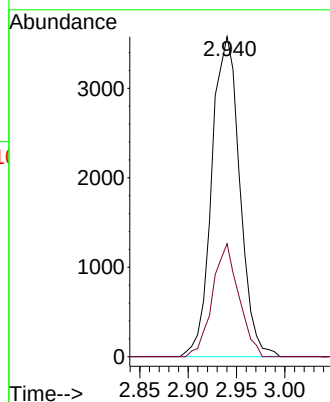
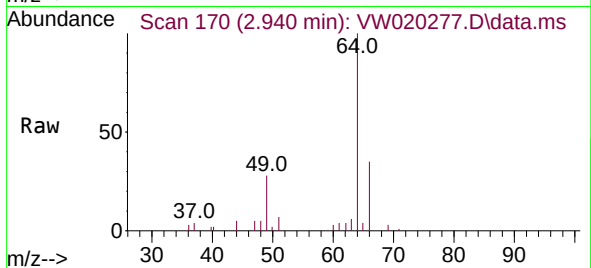
Lab File: VW020277.D

Acq: 30 Sep 2021 18:05

Tgt Ion: 64 Resp: 7206

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
64	100		
66	35.3	22.0	40.8



#9

Trichlorofluoromethane

Concen: 129.910 ug/L

RT: 3.288 min Scan# 227

Delta R.T. 0.025 min

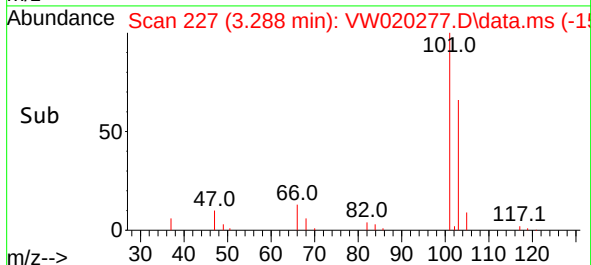
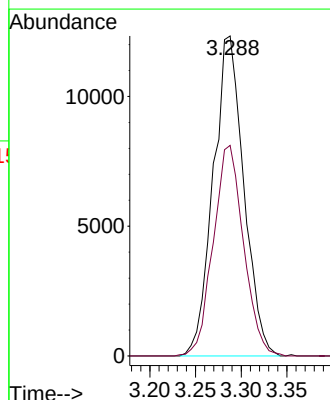
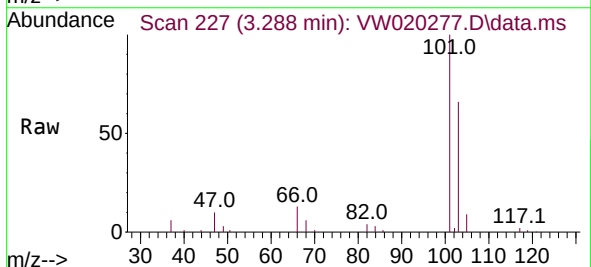
Lab File: VW020277.D

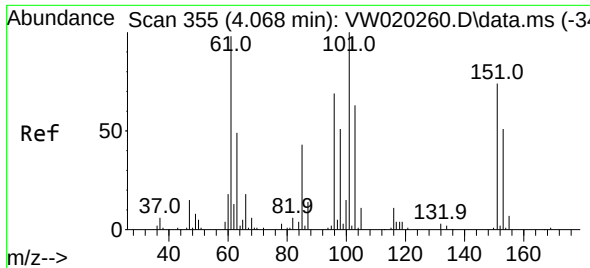
Acq: 30 Sep 2021 18:05

Tgt Ion: 101 Resp: 28693

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.3	76.9

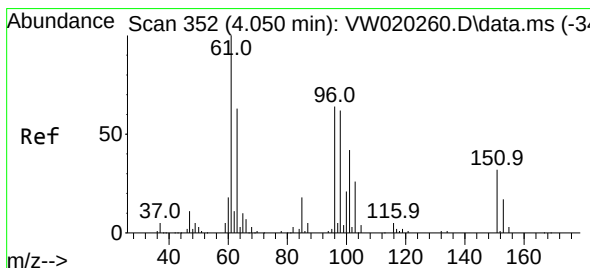
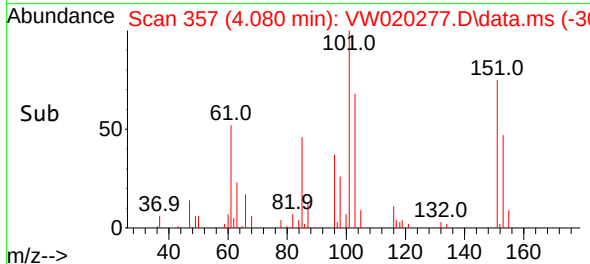
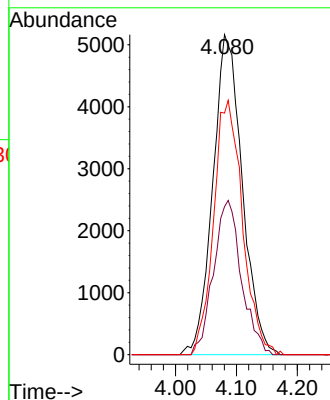
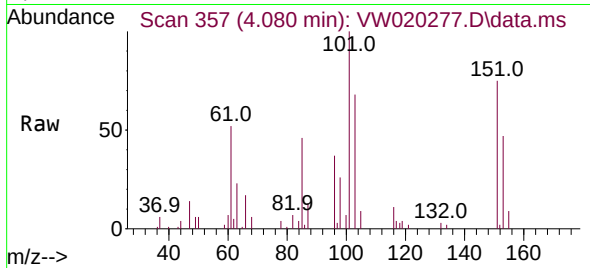




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 71.751 ug/L
 RT: 4.080 min Scan# 357
 Delta R.T. 0.012 min
 Lab File: VW020277.D
 Acq: 30 Sep 2021 18:05

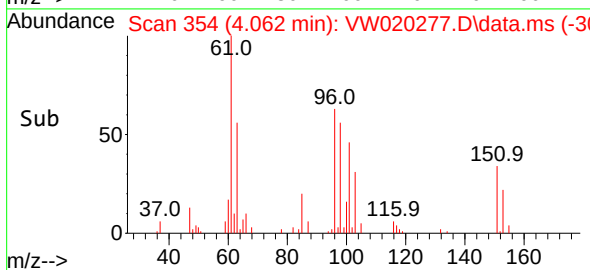
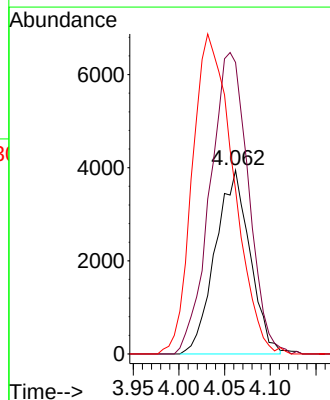
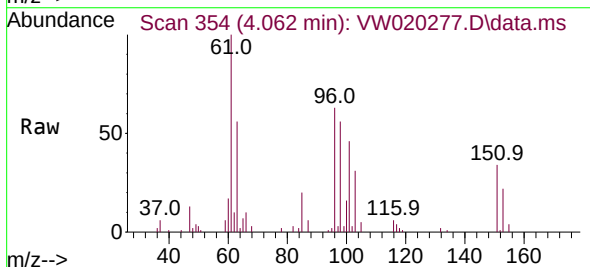
Instrument :
 MSVOA_W
 ClientSampled :

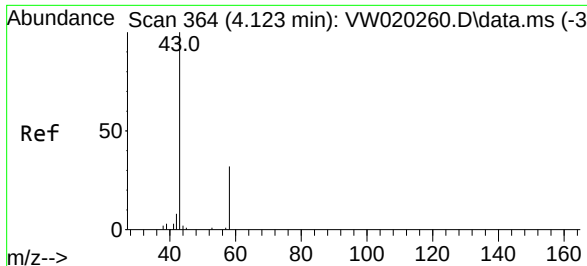
Tgt Ion:	101	Resp:	17325
Ion	Ratio	Lower	Upper
101	100		
85	45.8	35.4	53.0
151	77.3	59.0	88.6



#12
 1,1-Dichloroethene
 Concen: 47.595 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. 0.012 min
 Lab File: VW020277.D
 Acq: 30 Sep 2021 18:05

Tgt Ion:	96	Resp:	10419
Ion	Ratio	Lower	Upper
96	100		
61	158.7	126.1	234.3
63	89.5	112.6	209.0#

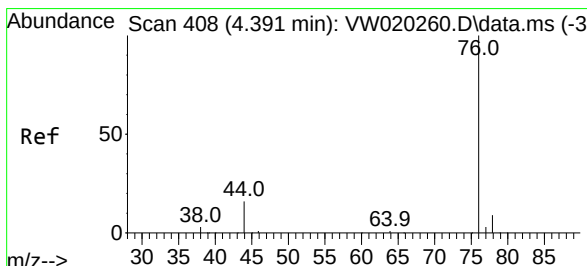
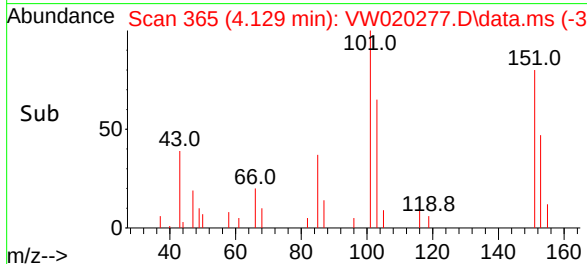
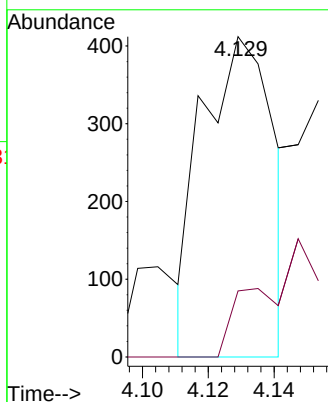
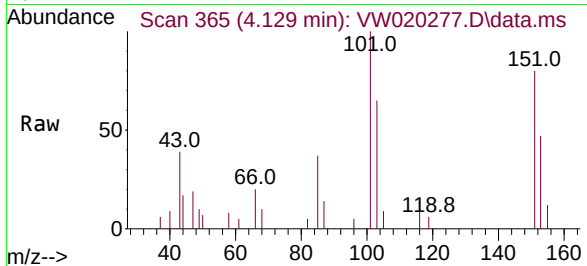




#13
Acetone
Concen: 13.892 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

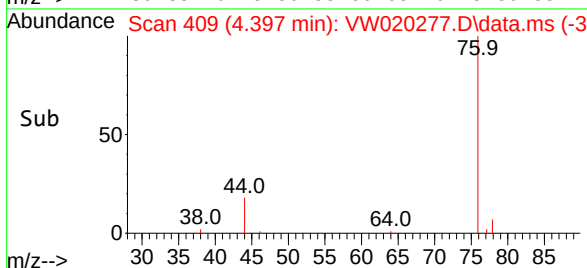
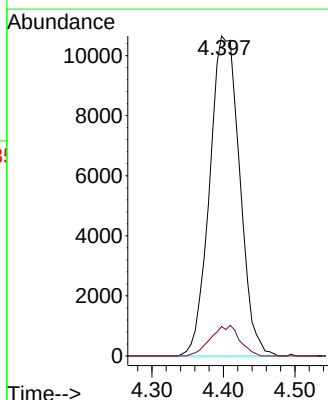
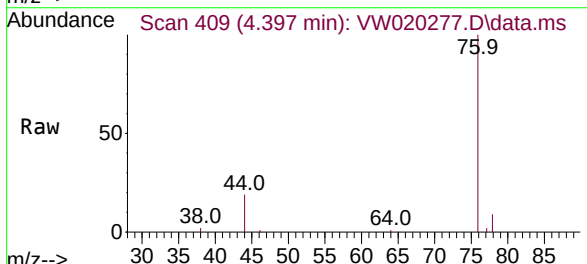
Instrument :
MSVOA_W
ClientSampled :

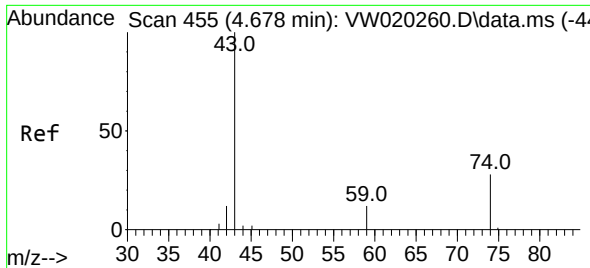
Tgt Ion: 43 Resp: 620
Ion Ratio Lower Upper
43 100
58 14.0 0.0 61.6



#14
Carbon disulfide
Concen: 45.210 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.006 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

Tgt Ion: 76 Resp: 31124
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

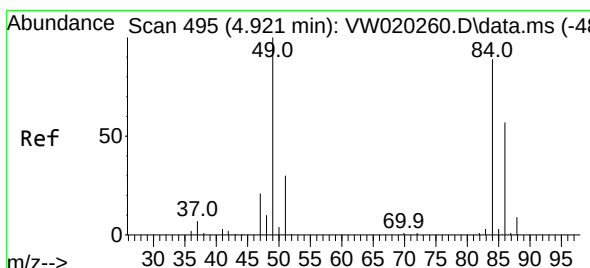
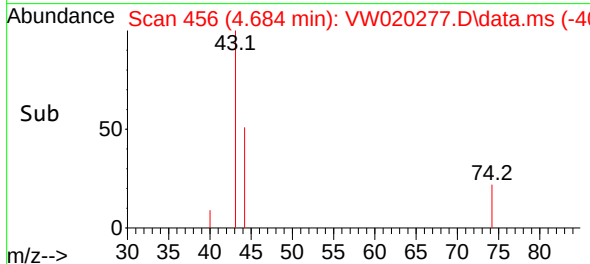
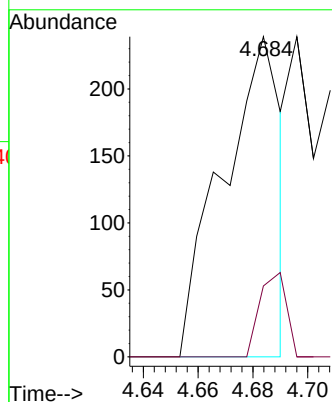
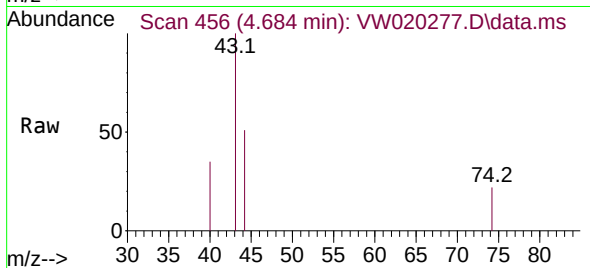




#15
Methyl Acetate
Concen: 4.148 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

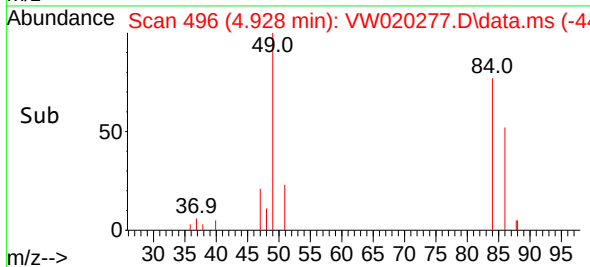
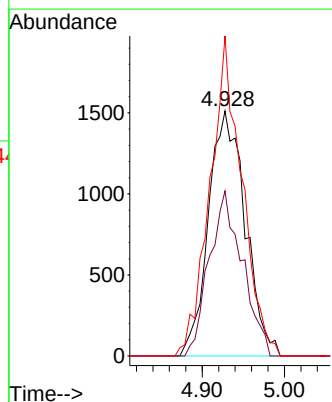
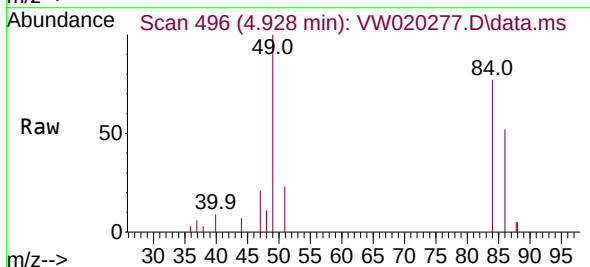
Instrument :
MSVOA_W
ClientSampled :

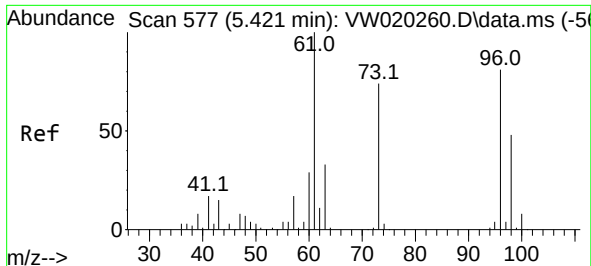
Tgt Ion: 43 Resp: 354
Ion Ratio Lower Upper
43 100
74 11.9 20.0 30.0#



#16
Methylene chloride
Concen: 16.116 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

Tgt Ion: 84 Resp: 4694
Ion Ratio Lower Upper
84 100
86 67.3 42.6 79.0
49 130.6 83.4 154.8

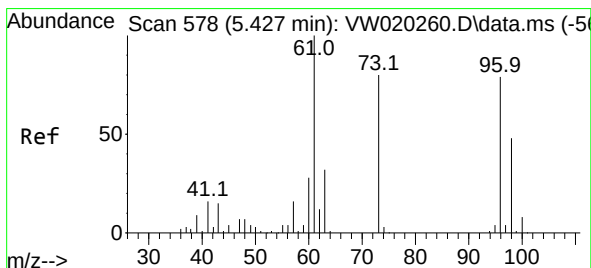
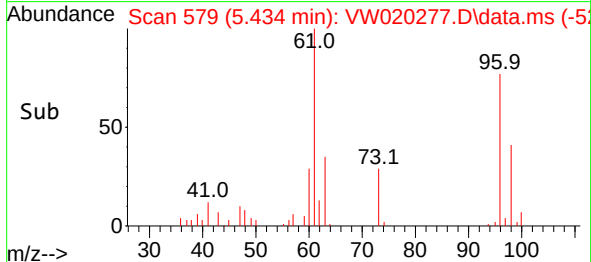
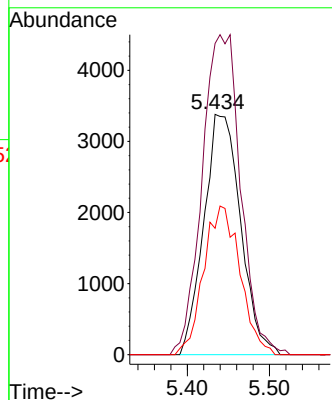
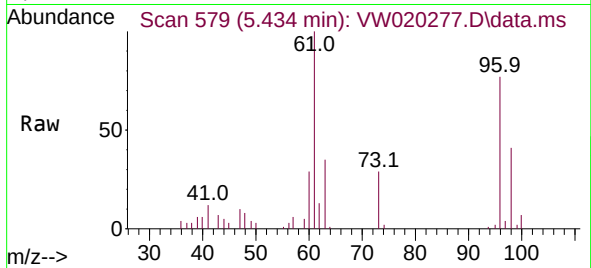




#17
trans-1,2-Dichloroethene
Concen: 45.521 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

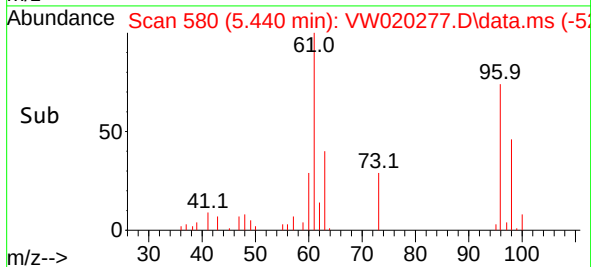
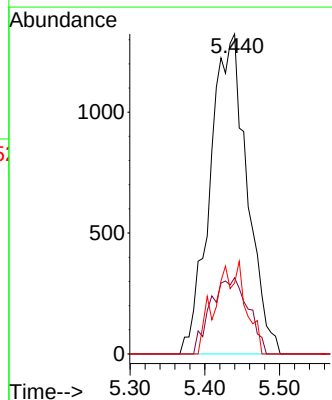
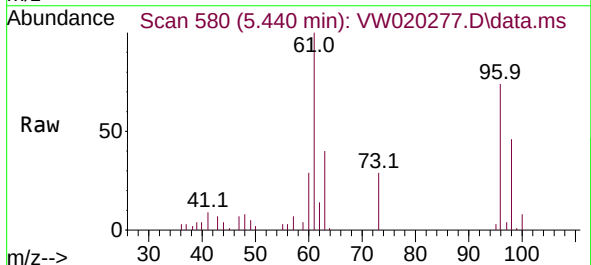
Instrument :
MSVOA_W
ClientSampled :

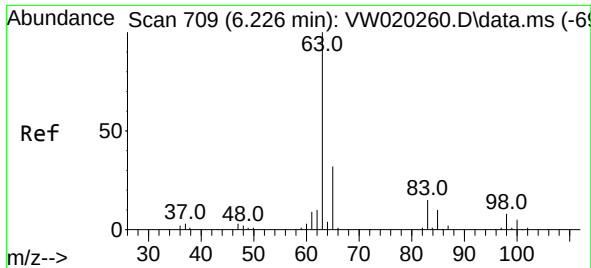
Tgt Ion: 96 Resp: 10498
Ion Ratio Lower Upper
96 100
61 129.5 98.3 182.5
98 52.6 46.6 86.6



#18
Methyl tert-butyl Ether
Concen: 16.616 ug/L
RT: 5.440 min Scan# 580
Delta R.T. 0.012 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

Tgt Ion: 73 Resp: 4549
Ion Ratio Lower Upper
73 100
43 0.0 17.4 26.0#
57 5.3 17.4 26.0#

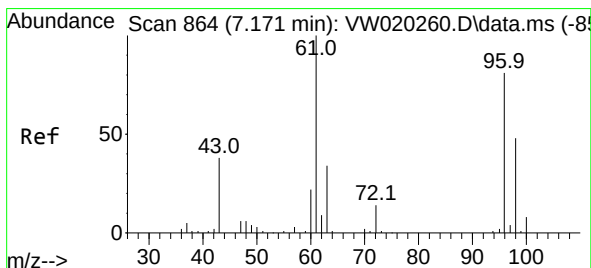
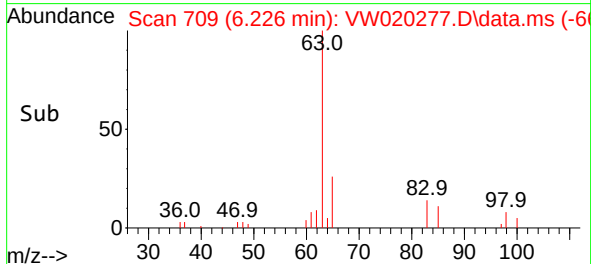
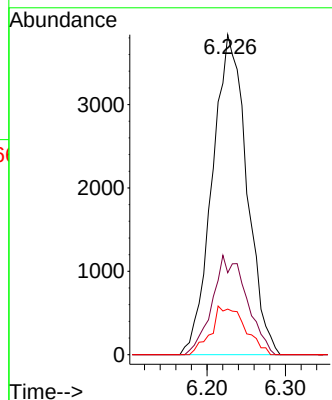
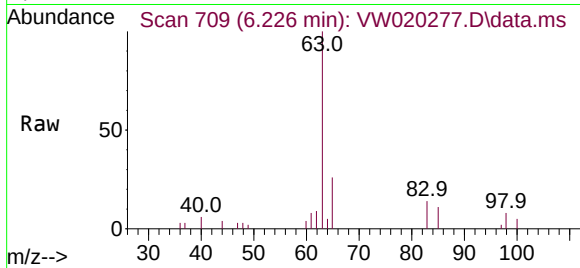




#19
1,1-Dichloroethane
Concen: 27.657 ug/L
RT: 6.226 min Scan# 709
Delta R.T. 0.000 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

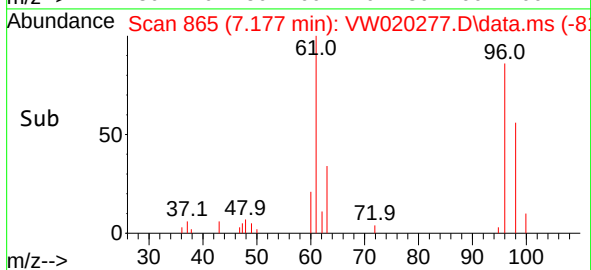
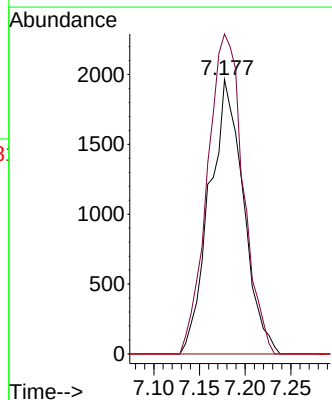
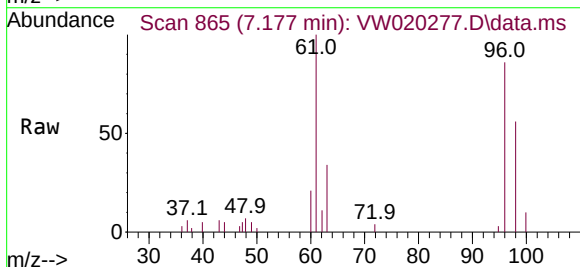
Instrument :
MSVOA_W
ClientSampled :

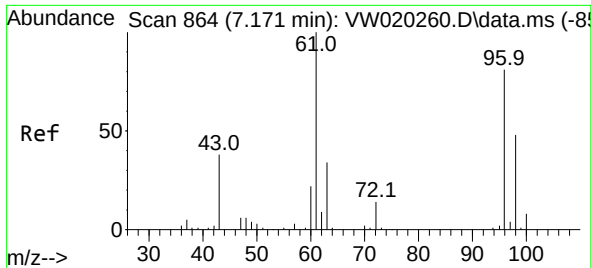
Tgt Ion:	63	Resp:	11764
Ion	Ratio	Lower	Upper
63	100		
65	25.6	23.1	42.9
83	14.3	9.4	17.6



#20
cis-1,2-Dichloroethene
Concen: 21.681 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

Tgt Ion:	96	Resp:	5085
Ion	Ratio	Lower	Upper
96	100		
61	116.6	89.9	167.0
68	0.0	0.0	0.0

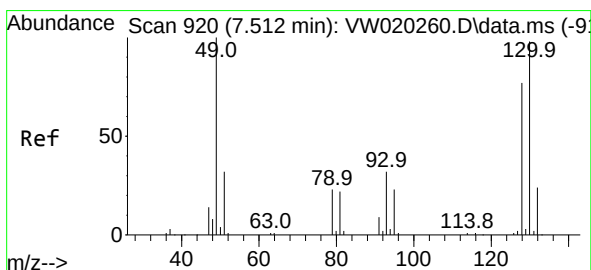
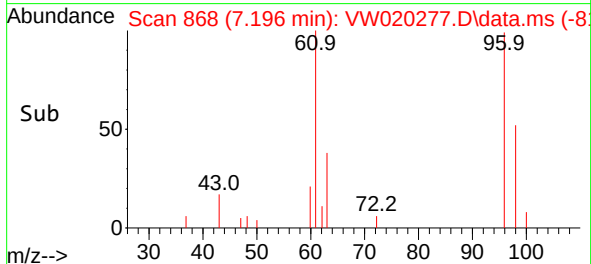
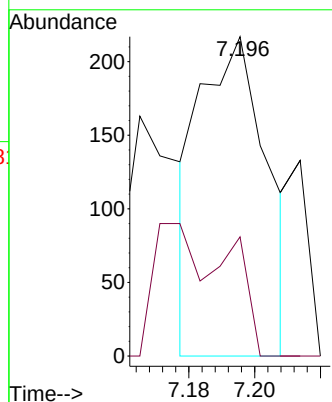
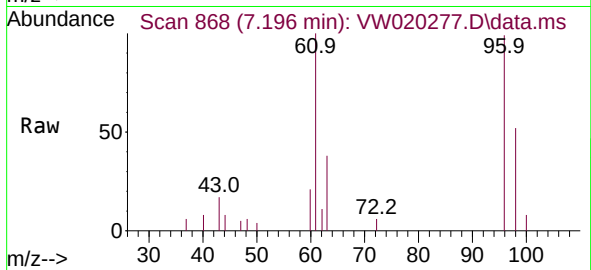




#22
2-Butanone
Concen: 5.302 ug/L
RT: 7.196 min Scan# 868
Delta R.T. 0.025 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

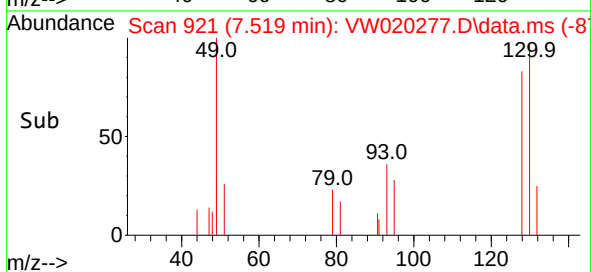
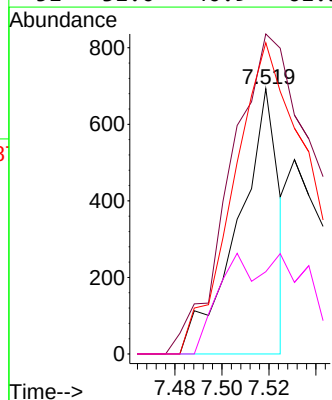
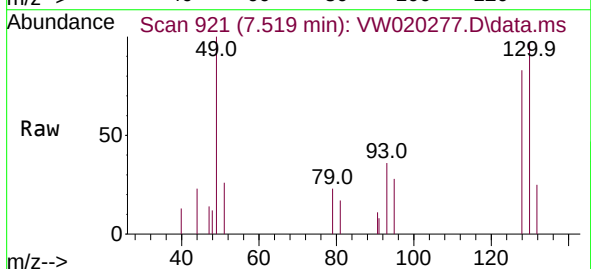
Instrument :
MSVOA_W
ClientSampled :

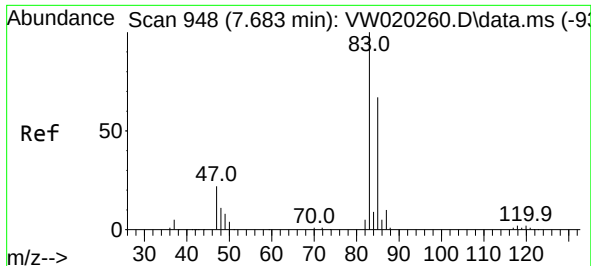
Tgt Ion: 43 Resp: 307
Ion Ratio Lower Upper
43 100
72 16.9 14.1 42.2



#23
Bromochloromethane
Concen: 7.901 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

Tgt Ion: 128 Resp: 840
Ion Ratio Lower Upper
128 100
49 120.6 114.7 213.1
130 117.3 94.2 175.0
51 31.0 40.9 61.3#

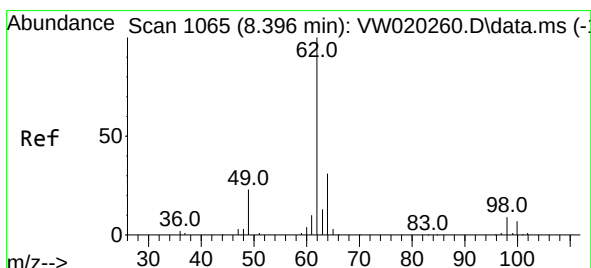
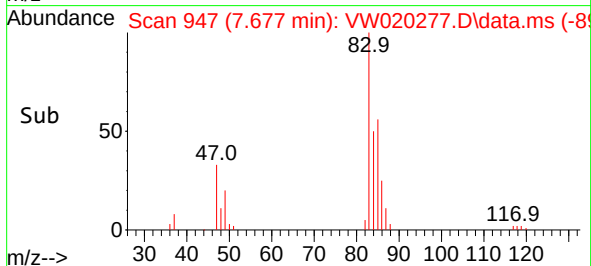
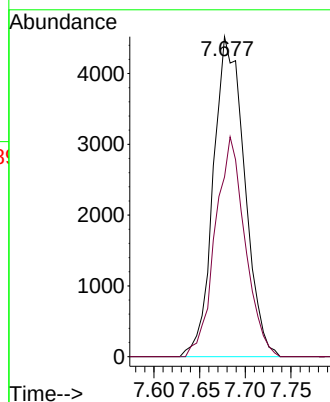
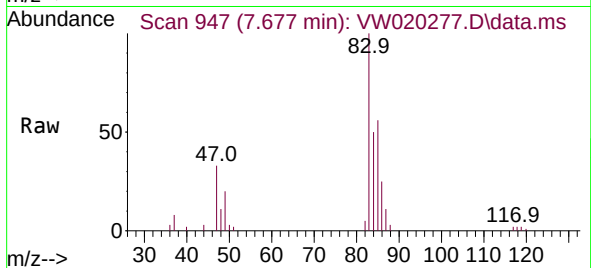




#25
Chloroform
Concen: 24.116 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

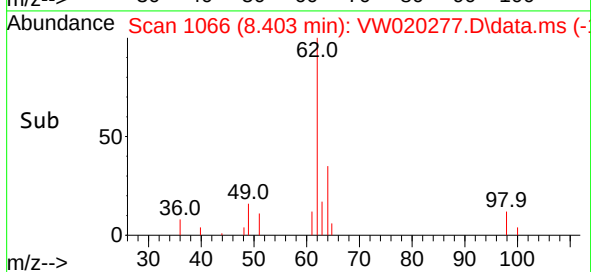
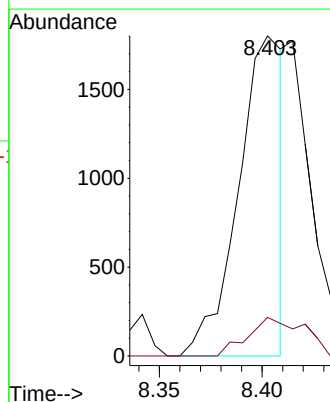
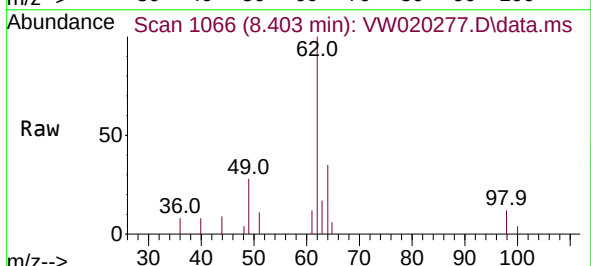
Instrument :
MSVOA_W
ClientSampleId :

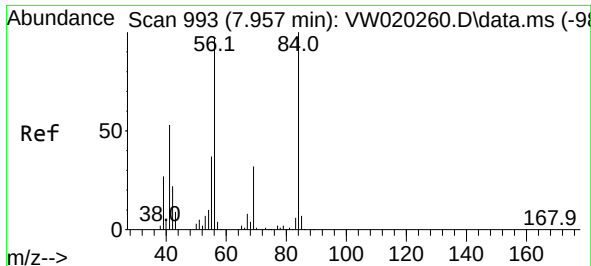
Tgt Ion: 83 Resp: 10727
Ion Ratio Lower Upper
83 100
85 56.2 45.6 84.8



#27
1,2-Dichloroethane
Concen: 9.313 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

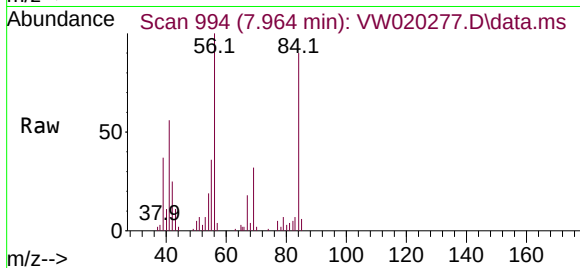
Tgt Ion: 62 Resp: 2726
Ion Ratio Lower Upper
62 100
98 12.0 6.9 10.3#



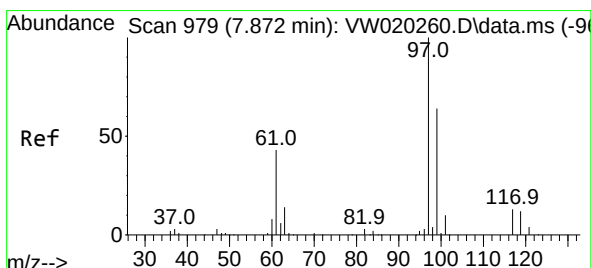
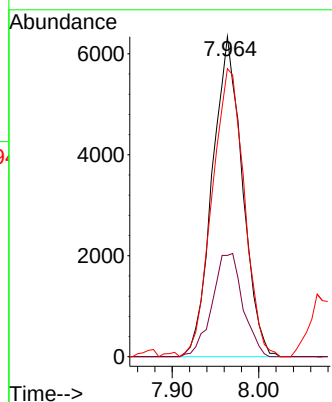
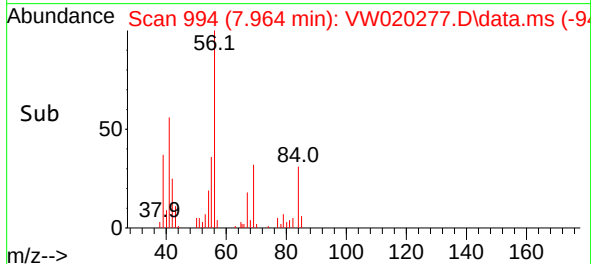


#29
Cyclohexane
Concen: 114.743 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.006 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

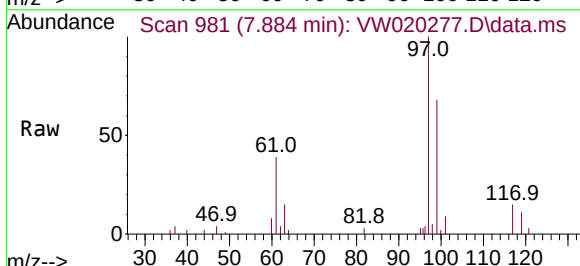
Instrument :
MSVOA_W
ClientSampled :



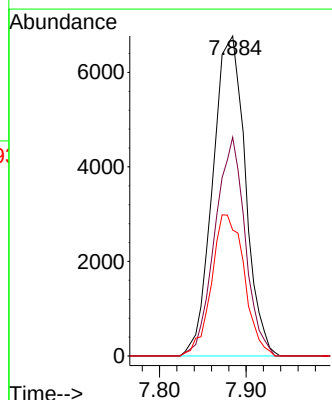
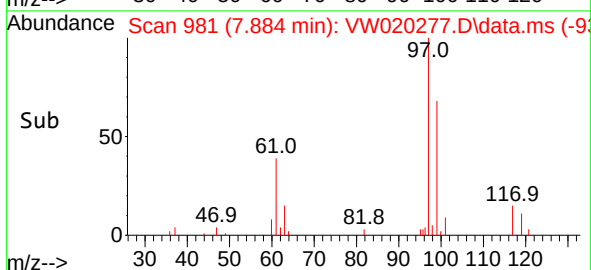
Tgt Ion: 56 Resp: 15240
Ion Ratio Lower Upper
56 100
69 32.9 25.7 38.5
84 96.5 73.4 110.2

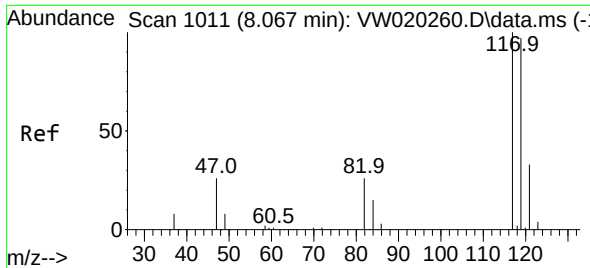


#30
1,1,1-Trichloroethane
Concen: 119.736 ug/L
RT: 7.884 min Scan# 981
Delta R.T. 0.012 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05



Tgt Ion: 97 Resp: 17710
Ion Ratio Lower Upper
97 100
99 63.4 51.4 77.0
61 44.3 37.5 56.3

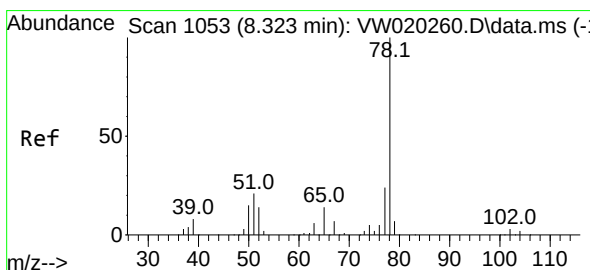
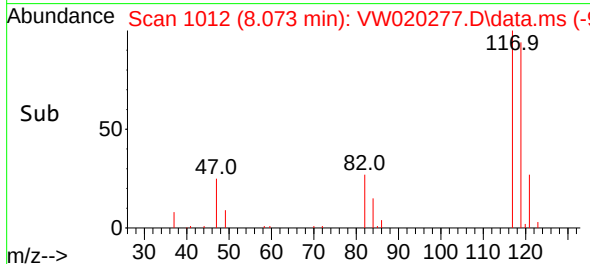
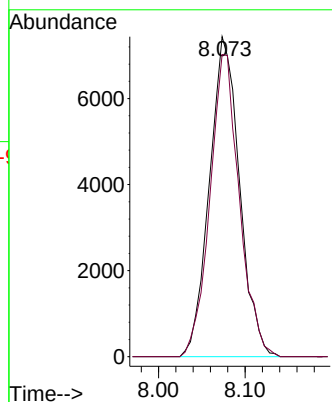
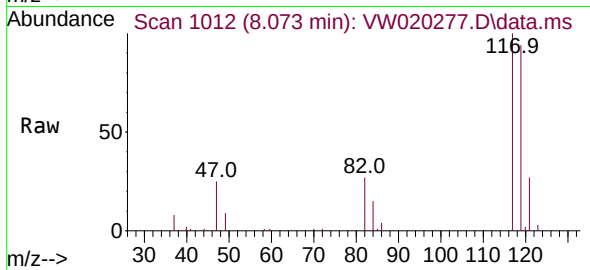




#31
Carbon tetrachloride
Concen: 133.434 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

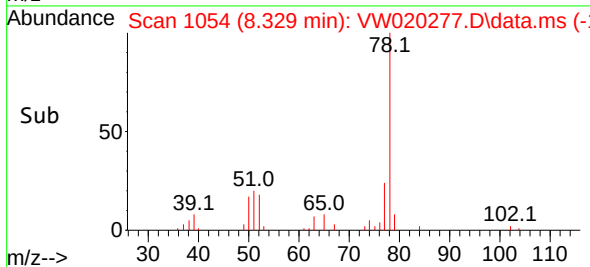
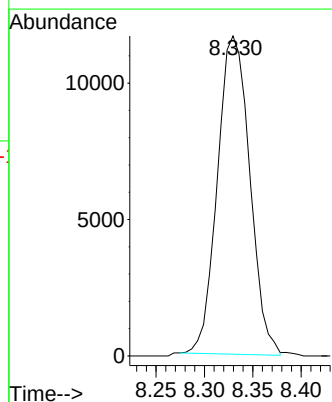
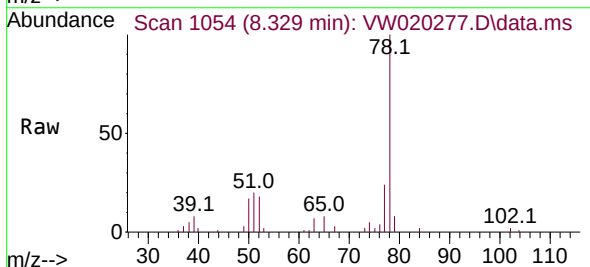
Instrument :
MSVOA_W
ClientSampleId :

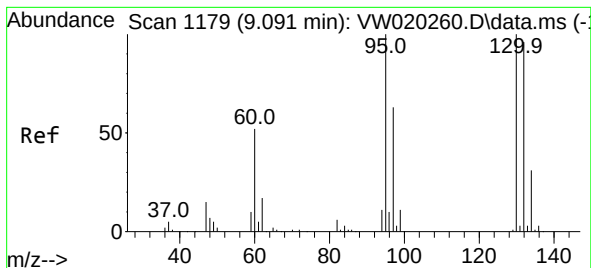
Tgt Ion:117 Resp: 17957
Ion Ratio Lower Upper
117 100
119 92.6 76.4 114.6



#33
Benzene
Concen: 75.312 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

Tgt Ion: 78 Resp: 27130





#34

Trichloroethene

Concen: 1399.589 ug/L

RT: 9.098 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VW020277.D

Acq: 30 Sep 2021 18:05

Tgt Ion: 95 Resp: 134968

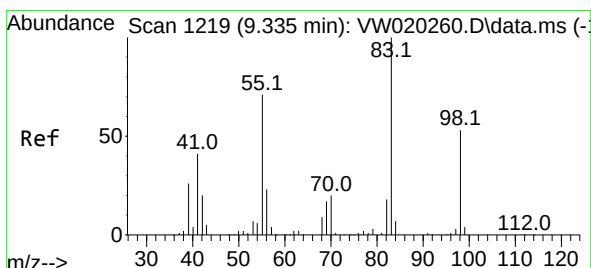
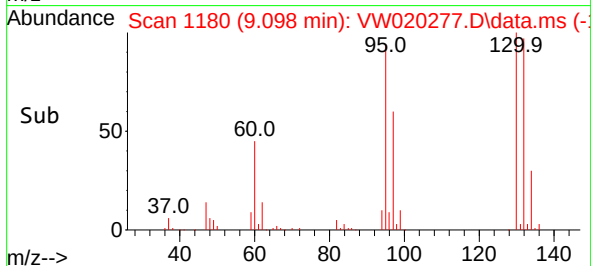
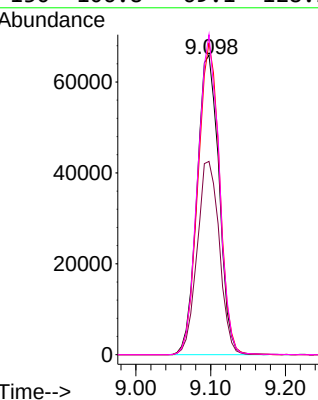
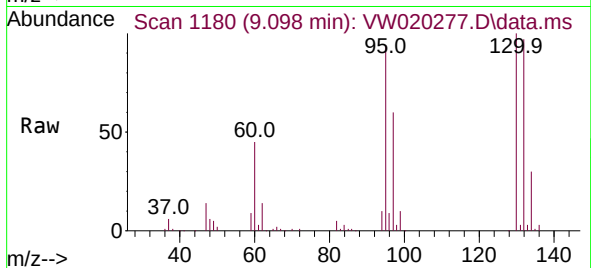
Ion Ratio Lower Upper

95 100

97 64.5 45.1 83.7

132 104.1 67.9 126.1

130 106.8 69.1 128.3



#35

Methylcyclohexane

Concen: 93.390 ug/L

RT: 9.342 min Scan# 1220

Delta R.T. 0.006 min

Lab File: VW020277.D

Acq: 30 Sep 2021 18:05

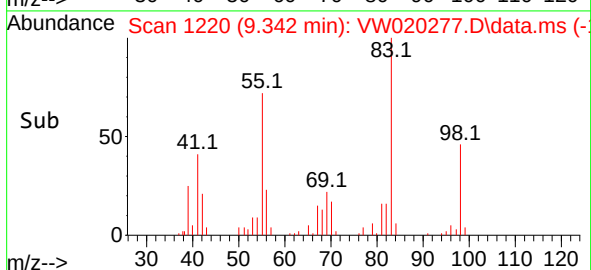
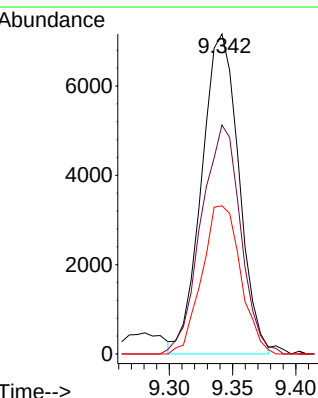
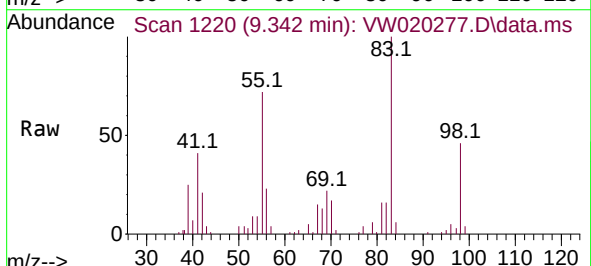
Tgt Ion: 83 Resp: 14674

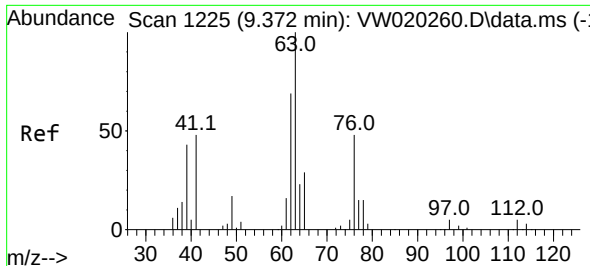
Ion Ratio Lower Upper

83 100

55 75.7 61.4 92.2

98 48.0 38.1 57.1

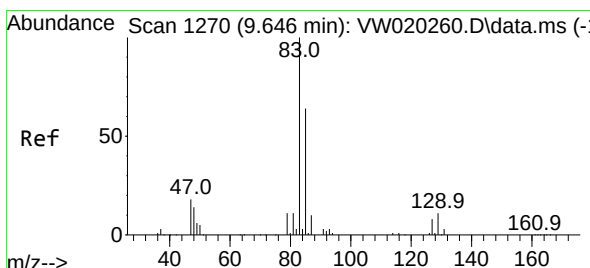
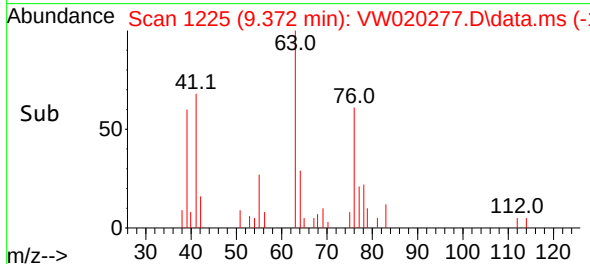
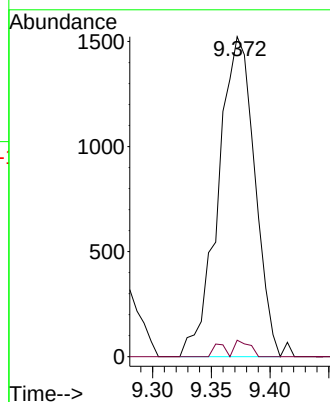
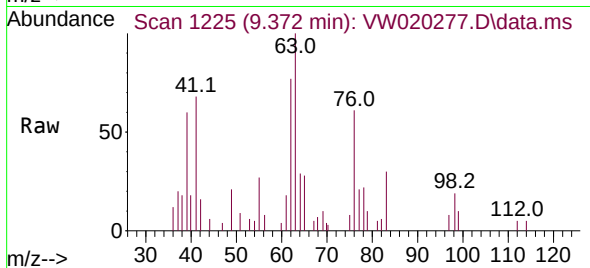




#37
1,2-Dichloropropane
Concen: 36.884 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

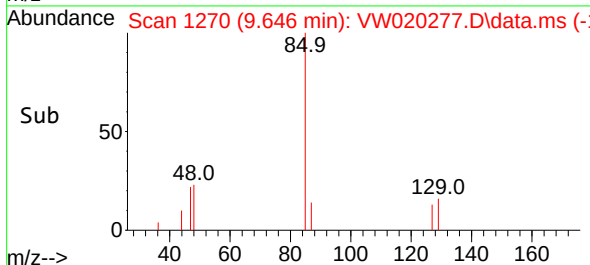
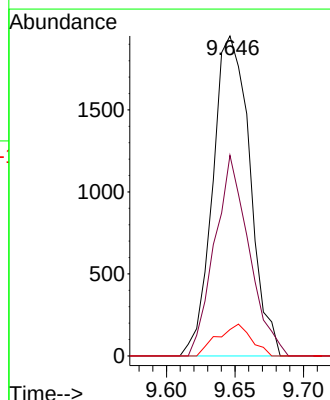
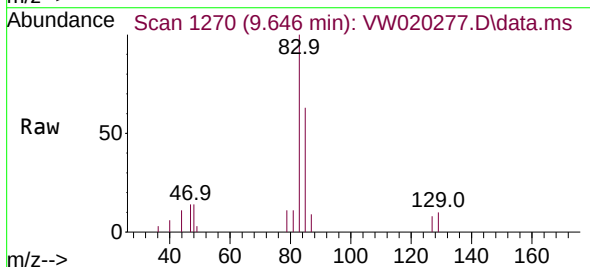
Instrument :
MSVOA_W
ClientSampled :

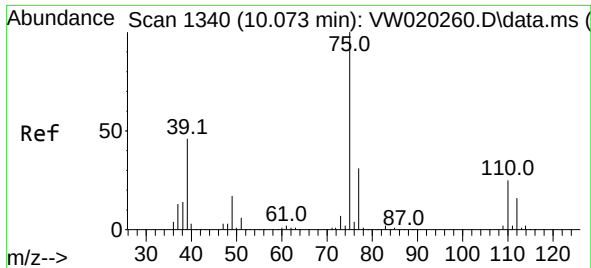
Tgt Ion: 63 Resp: 3291
Ion Ratio Lower Upper
63 100
112 2.1 3.6 5.4#



#38
Bromodichloromethane
Concen: 30.382 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

Tgt Ion: 83 Resp: 3671
Ion Ratio Lower Upper
83 100
85 62.7 44.4 82.5
127 8.3 6.5 9.7

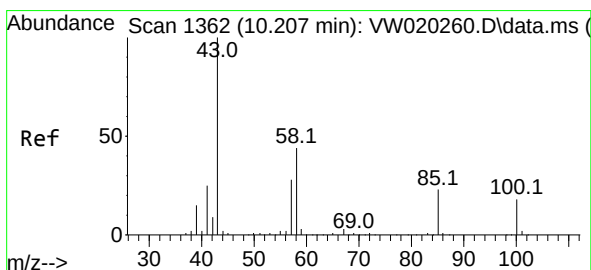
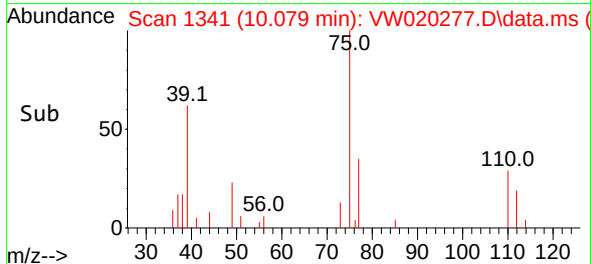
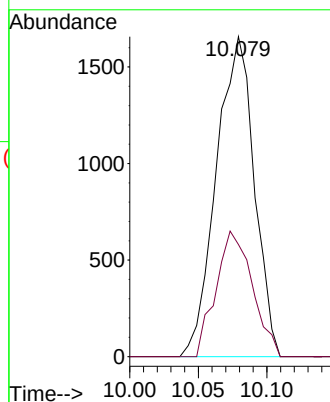
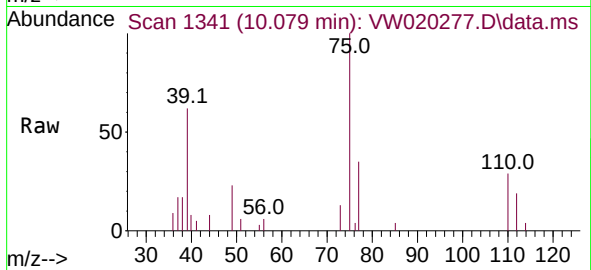




#39
 cis-1,3-Dichloropropene
 Concen: 24.247 ug/L
 RT: 10.079 min Scan# 1341
 Delta R.T. 0.006 min
 Lab File: VW020277.D
 Acq: 30 Sep 2021 18:05

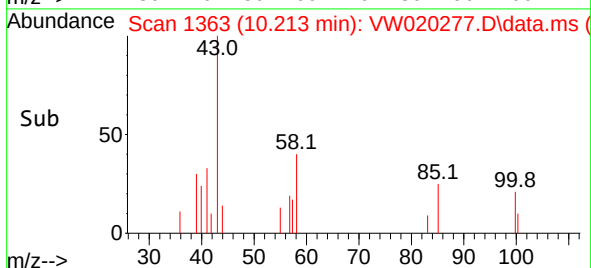
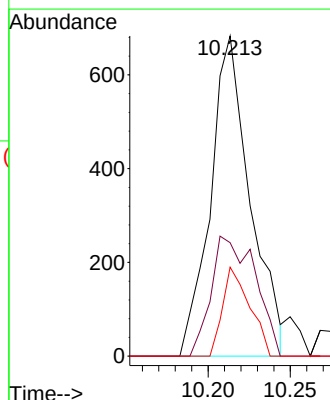
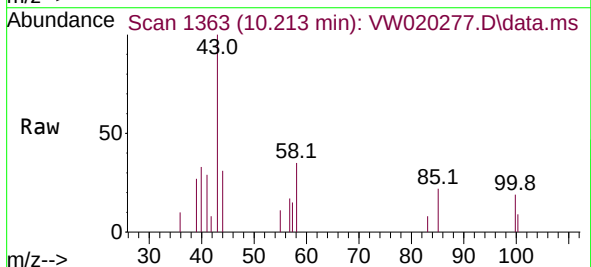
Instrument :
 MSVOA_W
 ClientSampled :

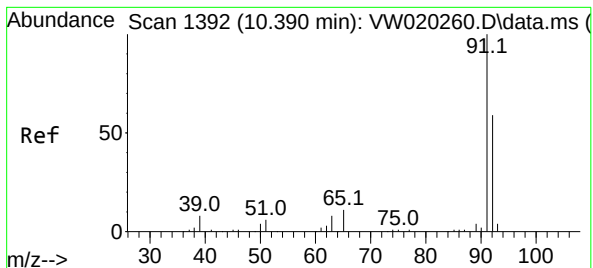
Tgt Ion: 75 Resp: 3191
 Ion Ratio Lower Upper
 75 100
 77 35.1 23.0 42.6



#40
 4-Methyl-2-pentanone
 Concen: 25.524 ug/L
 RT: 10.213 min Scan# 1363
 Delta R.T. 0.006 min
 Lab File: VW020277.D
 Acq: 30 Sep 2021 18:05

Tgt Ion: 43 Resp: 1147
 Ion Ratio Lower Upper
 43 100
 58 27.6 31.3 46.9#
 100 18.9 13.3 19.9





#42

Toluene

Concen: 39.907 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW020277.D

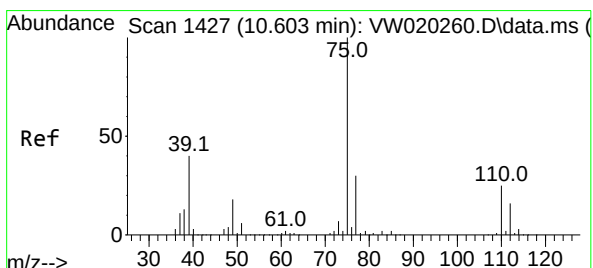
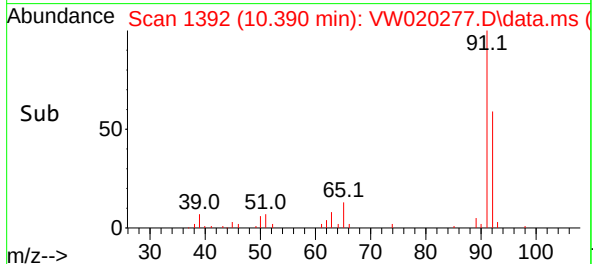
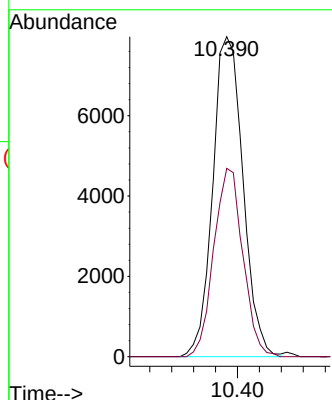
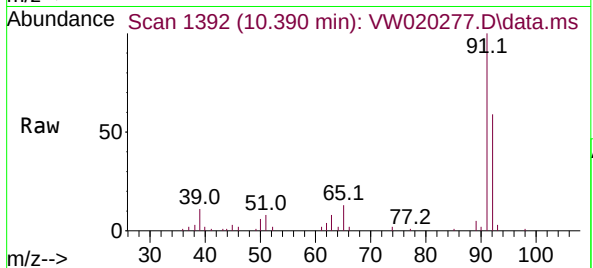
Acq: 30 Sep 2021 18:05

Tgt Ion: 91 Resp: 15273

Ion Ratio Lower Upper

91 100

92 58.9 42.2 78.4



#44

trans-1,3-Dichloropropene

Concen: 15.972 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW020277.D

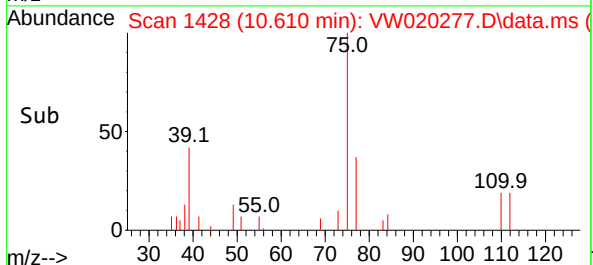
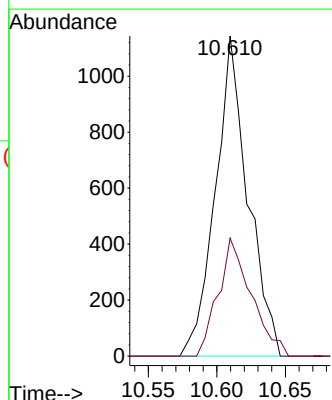
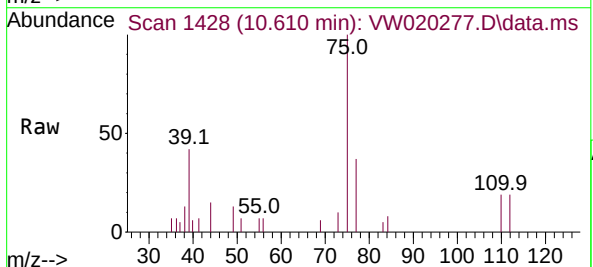
Acq: 30 Sep 2021 18:05

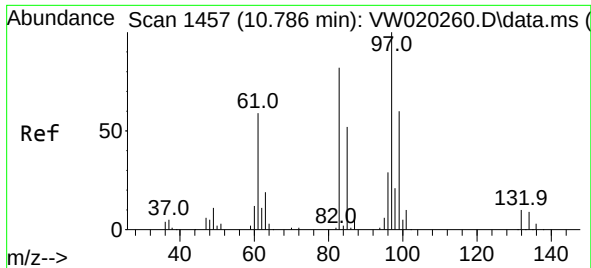
Tgt Ion: 75 Resp: 1888

Ion Ratio Lower Upper

75 100

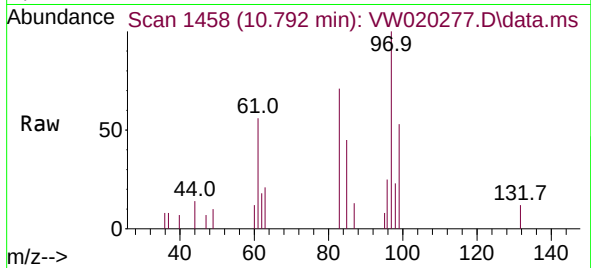
77 36.8 22.0 40.8



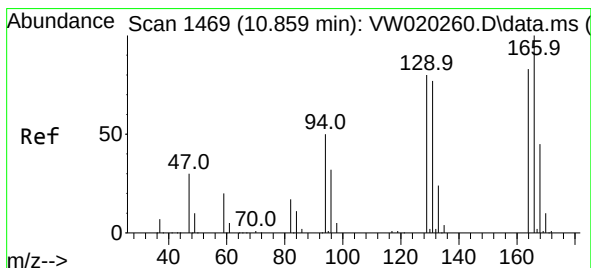
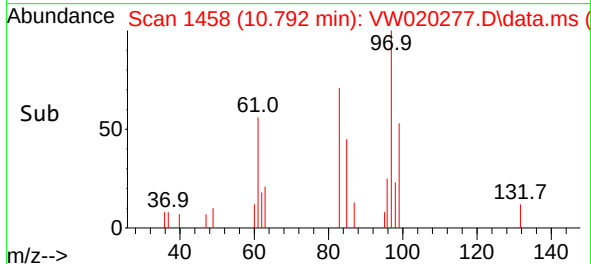
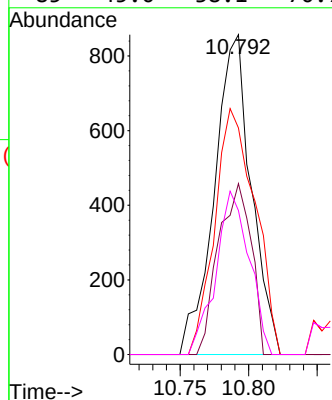


#45
1,1,2-Trichloroethane
Concen: 24.547 ug/L
RT: 10.792 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

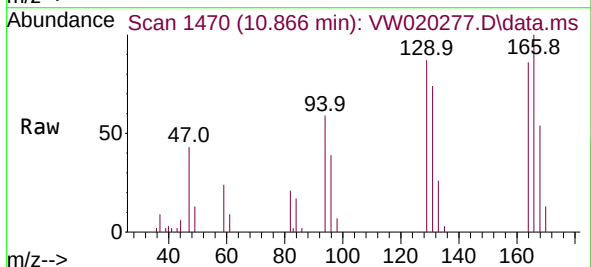
Instrument :
MSVOA_W
ClientSampled :



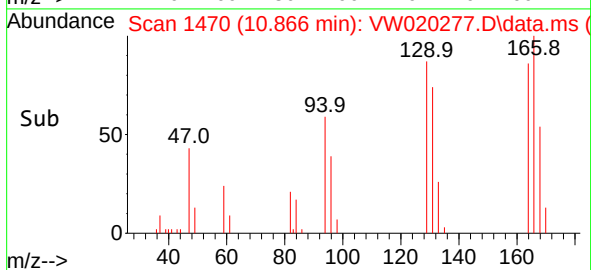
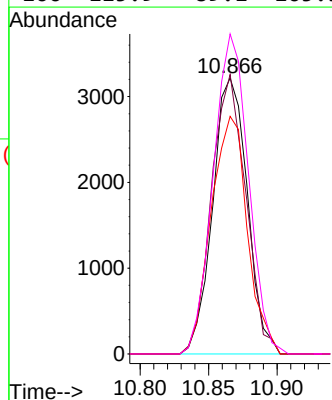
Tgt Ion:	97	Resp:	1606
Ion	Ratio	Lower	Upper
97	100		
99	53.4	42.0	78.0
83	70.8	58.7	108.9
85	45.0	38.1	70.7

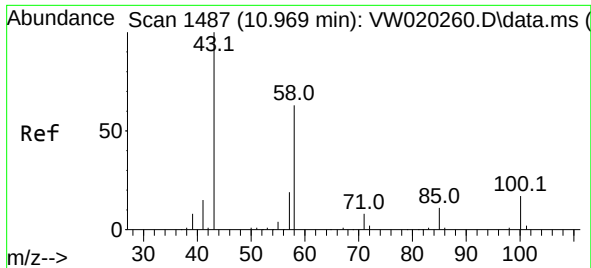


#46
Tetrachloroethene
Concen: 75.815 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05



Tgt Ion:	164	Resp:	5651
Ion	Ratio	Lower	Upper
164	100		
129	101.3	69.5	129.1
131	86.0	66.5	123.5
166	115.9	89.1	165.5

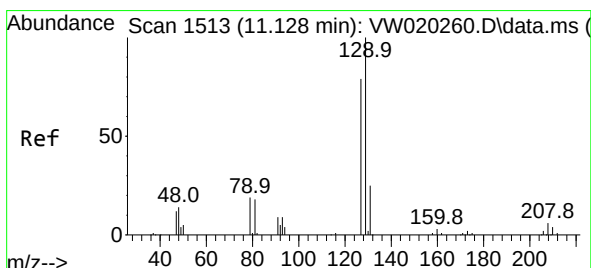
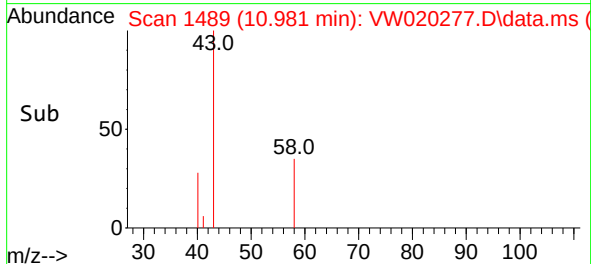
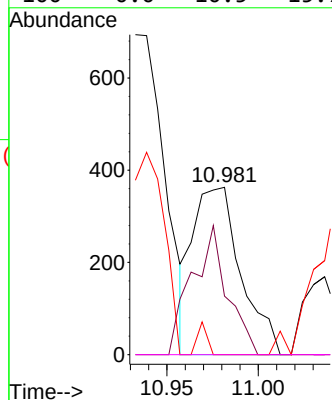
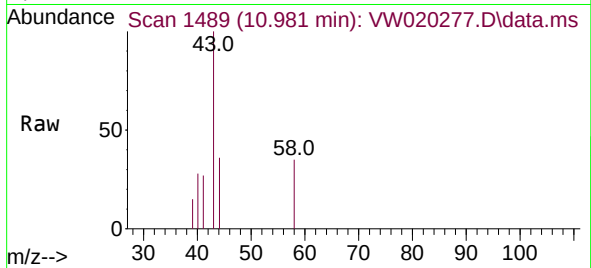




#48
2-Hexanone
Concen: 21.212 ug/L
RT: 10.981 min Scan# 1489
Delta R.T. 0.012 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

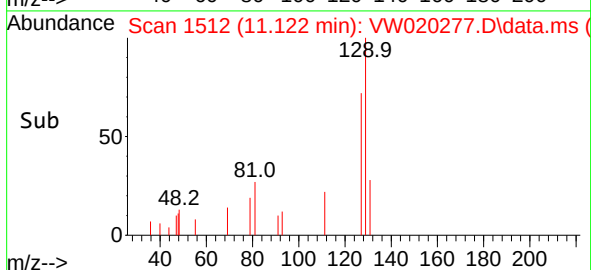
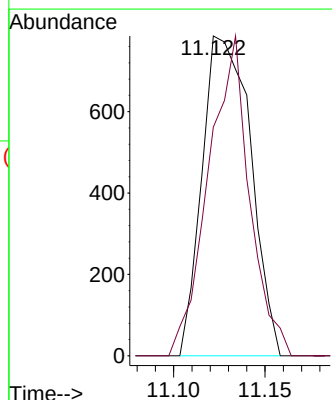
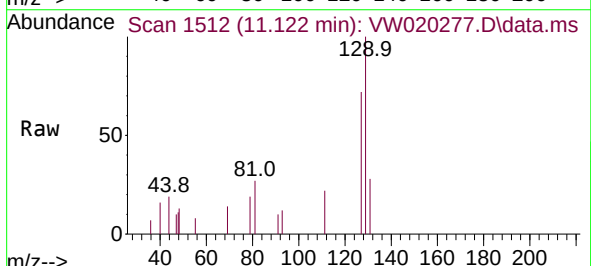
Instrument :
MSVOA_W
ClientSampleId :

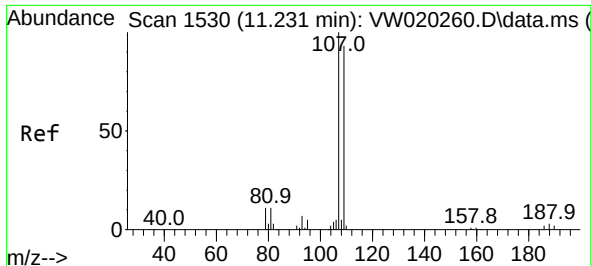
Tgt Ion: 43	Resp: 664
Ion Ratio	Lower Upper
43 100	
58 56.9	43.8 65.6
57 2.9	15.6 23.4#
100 0.0	10.5 15.7#



#49
Dibromochloromethane
Concen: 18.954 ug/L
RT: 11.122 min Scan# 1512
Delta R.T. -0.006 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

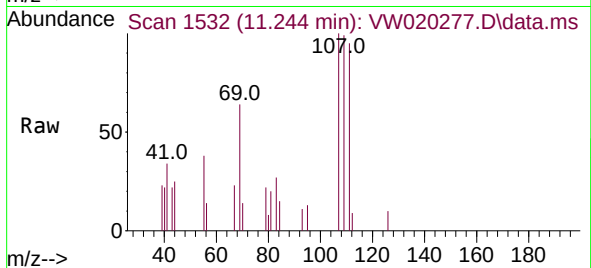
Tgt Ion: 129	Resp: 1449
Ion Ratio	Lower Upper
129 100	
127 71.5	57.0 105.8



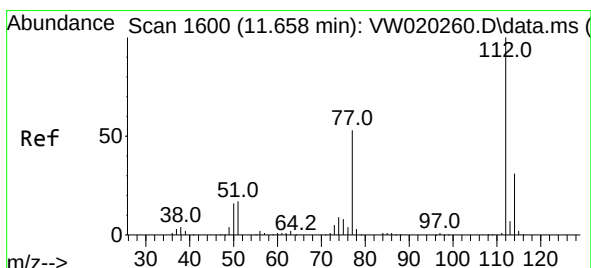
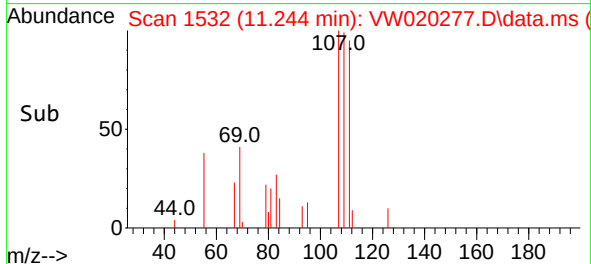
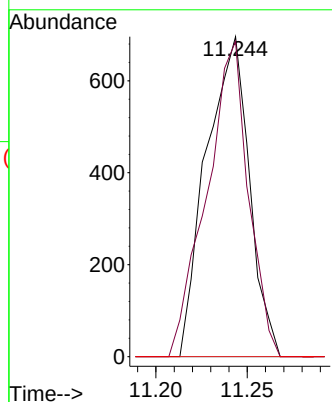


#50
1,2-Dibromoethane
Concen: 18.499 ug/L
RT: 11.244 min Scan# 1532
Delta R.T. 0.012 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

Instrument :
MSVOA_W
ClientSampled :

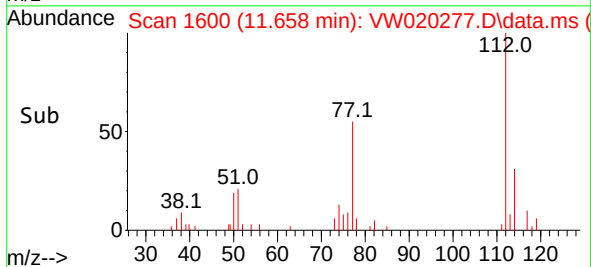
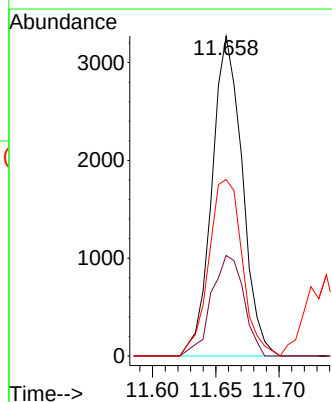
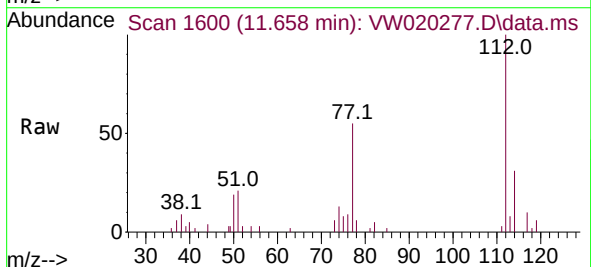


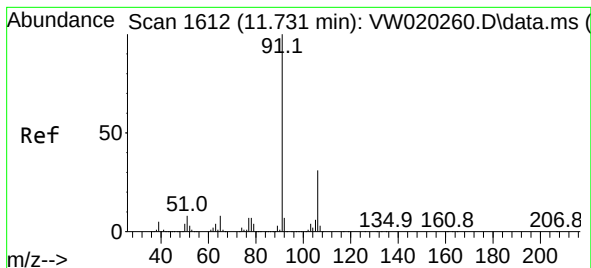
Tgt Ion:107 Resp: 1139
Ion Ratio Lower Upper
107 100
109 98.6 64.1 119.1
188 0.0 3.0 4.4#



#51
Chlorobenzene
Concen: 21.927 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

Tgt Ion:112 Resp: 5458
Ion Ratio Lower Upper
112 100
114 31.4 21.9 40.7
77 55.1 48.0 72.0

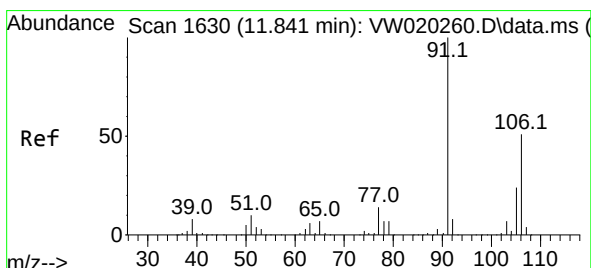
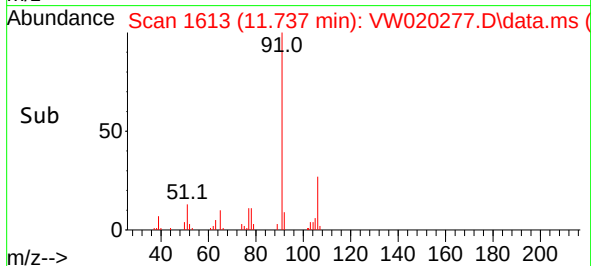
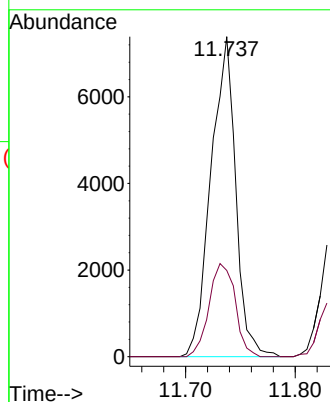
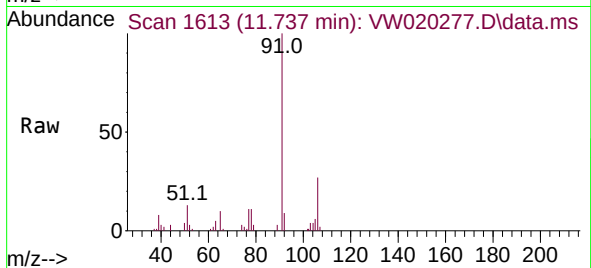




#52
Ethylbenzene
Concen: 27.466 ug/L
RT: 11.737 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

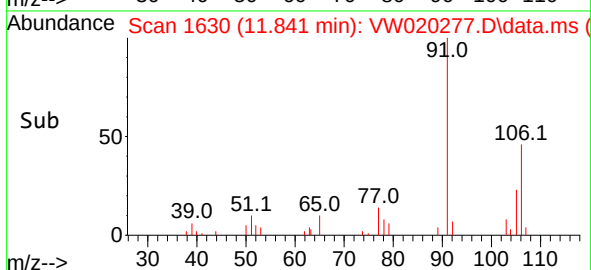
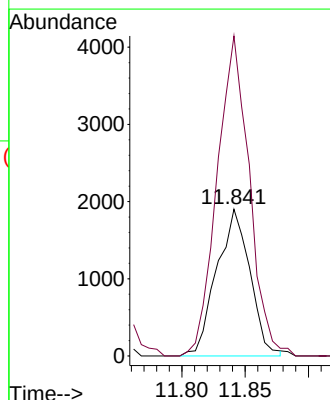
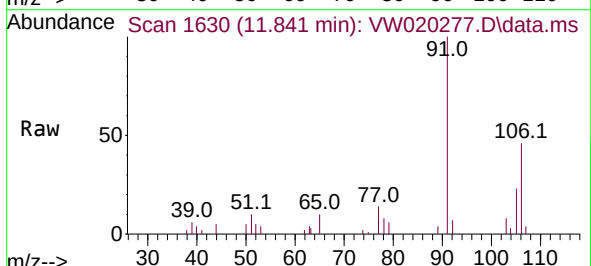
Instrument :
MSVOA_W
ClientSampled :

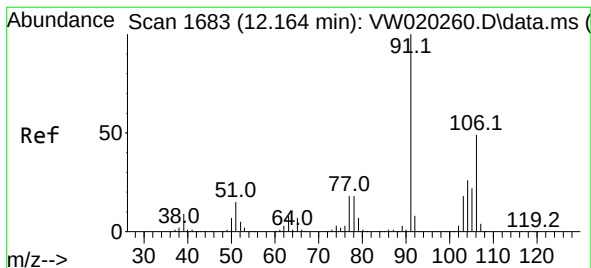
Tgt Ion: 91 Resp: 11578
Ion Ratio Lower Upper
91 100
106 27.0 22.0 40.8



#53
m,p-Xylene
Concen: 21.667 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

Tgt Ion:106 Resp: 3482
Ion Ratio Lower Upper
106 100
91 218.0 146.4 271.8

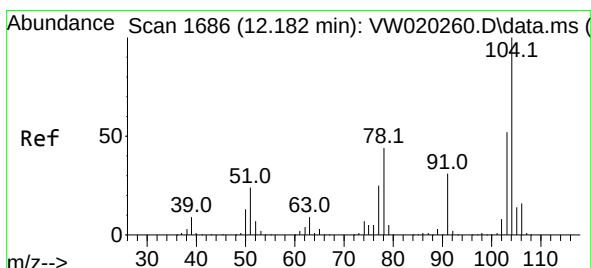
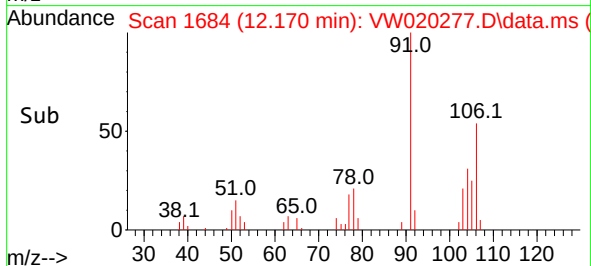
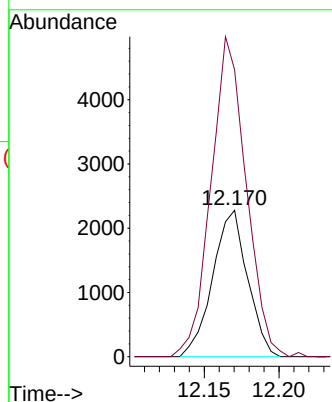
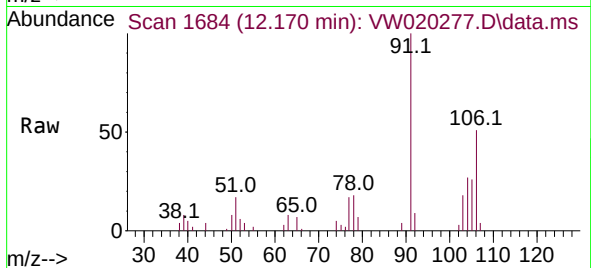




#54
o-Xylene
Concen: 24.848 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

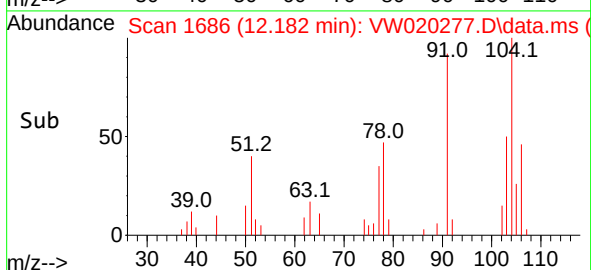
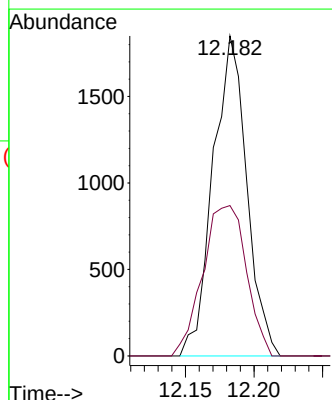
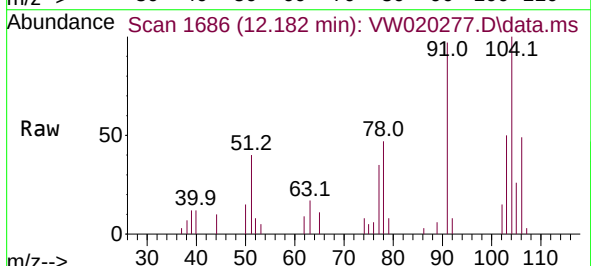
Instrument :
MSVOA_W
ClientSampled :

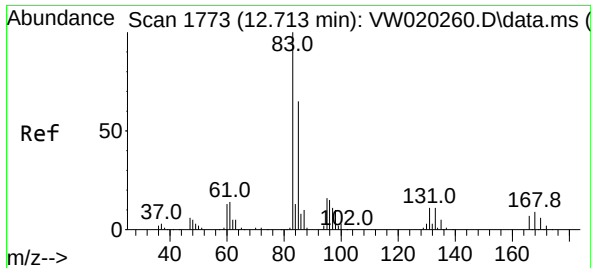
Tgt Ion:106 Resp: 3694
Ion Ratio Lower Upper
106 100
91 196.0 154.3 286.7



#55
Styrene
Concen: 12.260 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

Tgt Ion:104 Resp: 3167
Ion Ratio Lower Upper
104 100
78 47.0 32.7 60.7

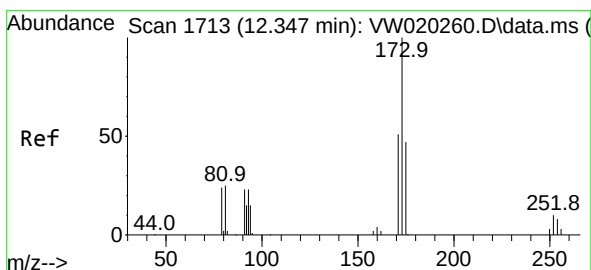
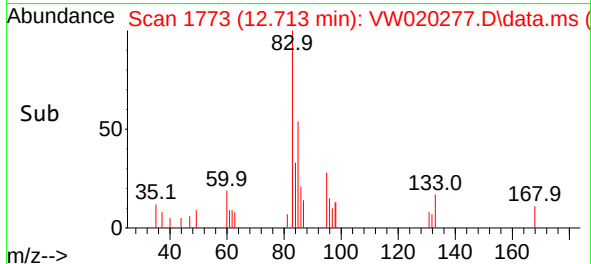
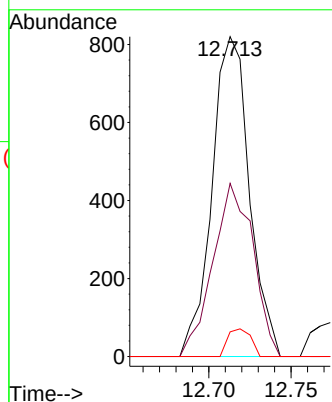
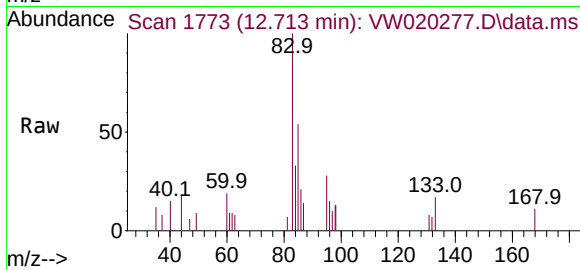




#57
1,1,2,2-Tetrachloroethane
Concen: 16.597 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

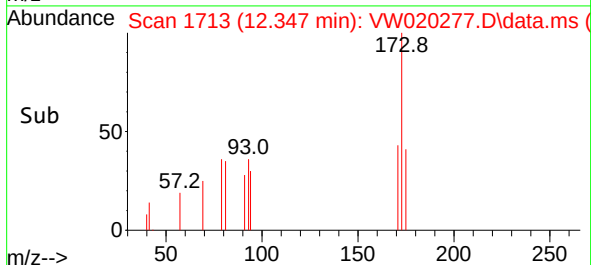
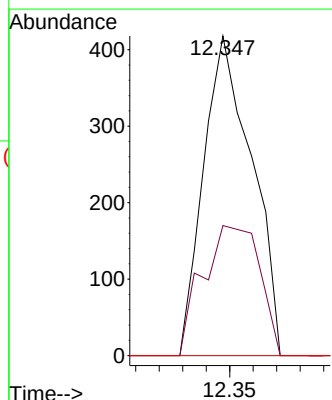
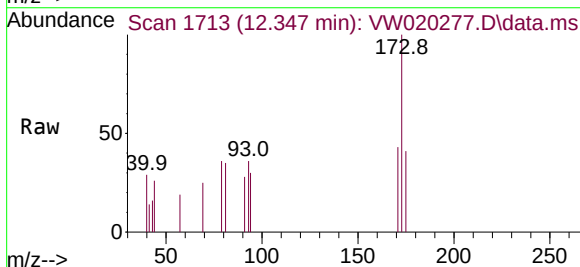
Instrument :
MSVOA_W
ClientSampled :

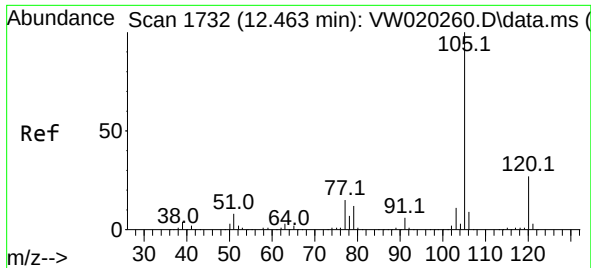
Tgt Ion:	83	Resp:	1297
Ion	Ratio	Lower	Upper
83	100		
85	54.1	43.3	80.5
131	7.7	7.9	11.9#



#59
Bromoform
Concen: 51.855 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

Tgt Ion:	173	Resp:	596
Ion	Ratio	Lower	Upper
173	100		
175	48.2	39.2	58.8
254	0.0	6.6	10.0#

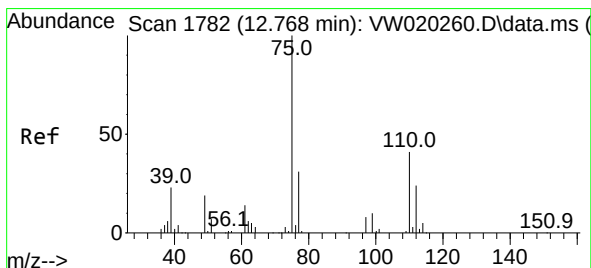
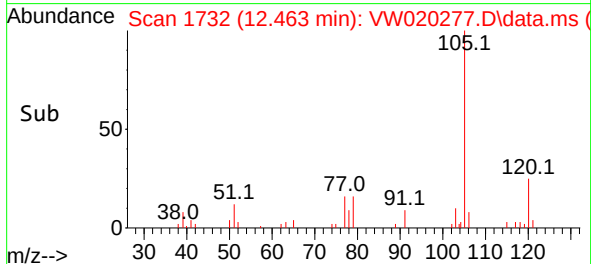
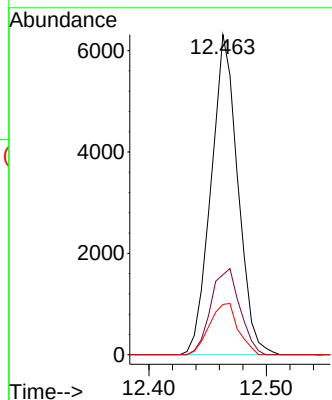
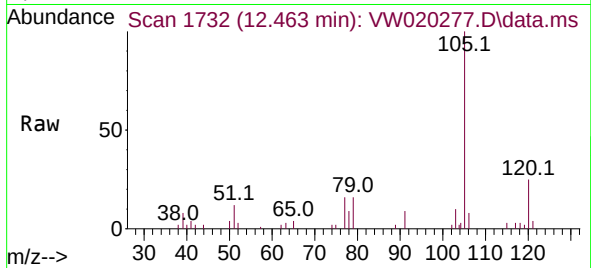




#60
Isopropylbenzene
Concen: 88.613 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

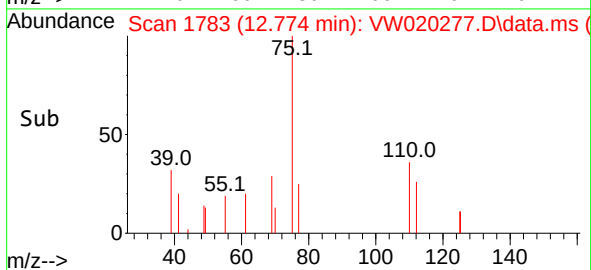
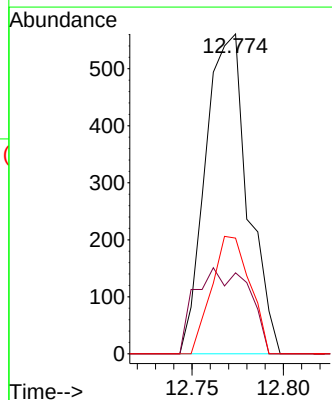
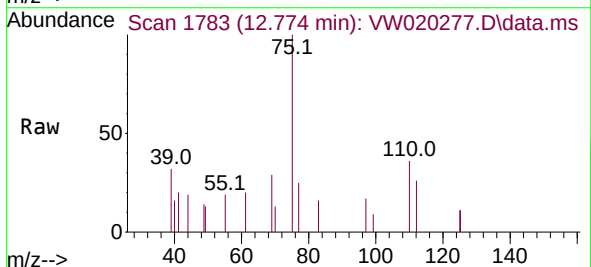
Instrument :
MSVOA_W
ClientSampled :

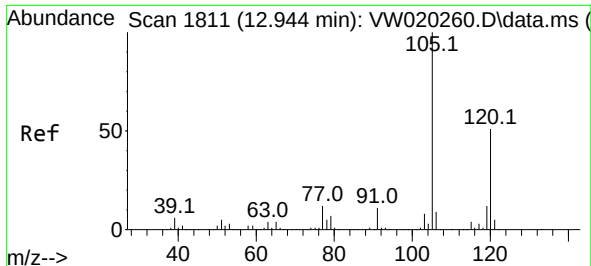
Tgt Ion:	105	Resp:	10016
Ion Ratio	Lower	Upper	
105	100		
120	29.1	20.9	31.3
77	17.1	13.3	19.9



#61
1,2,3-Trichloropropane
Concen: 56.917 ug/L
RT: 12.774 min Scan# 1783
Delta R.T. 0.006 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

Tgt Ion:	75	Resp:	906
Ion Ratio	Lower	Upper	
75	100		
77	20.0	26.3	39.5#
110	33.1	30.2	45.2

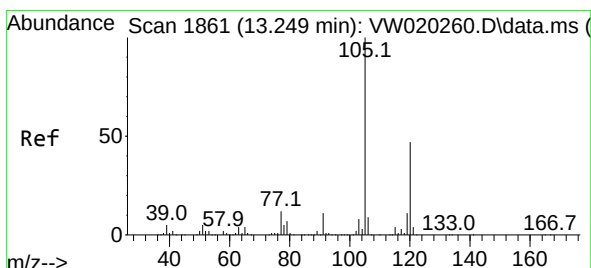
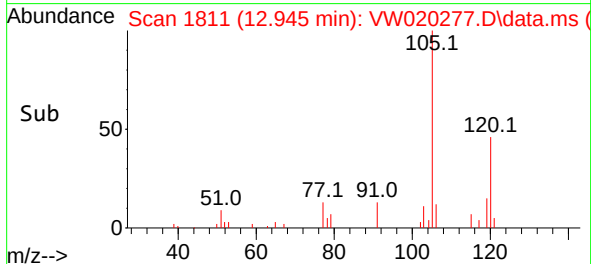
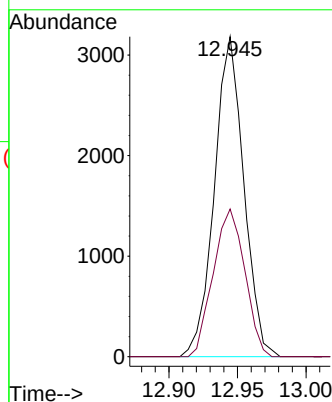
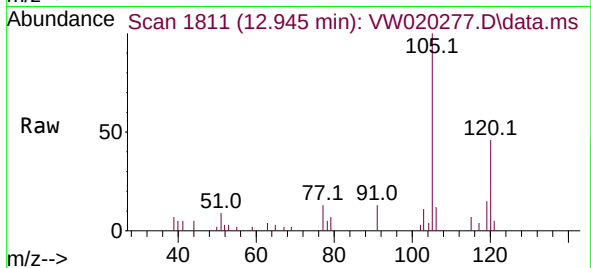




#62
1,3,5-Trimethylbenzene
Concen: 51.227 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

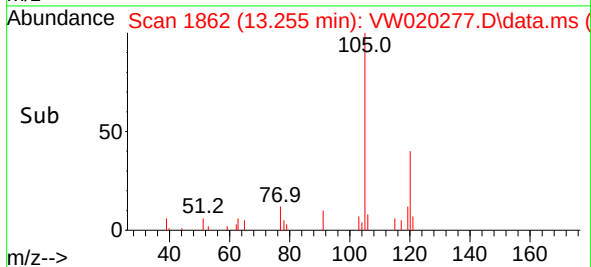
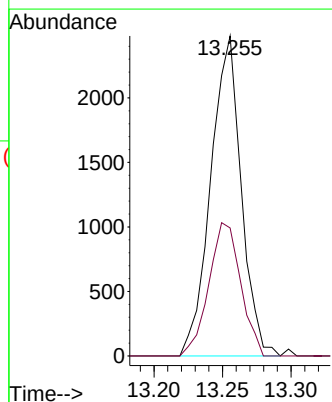
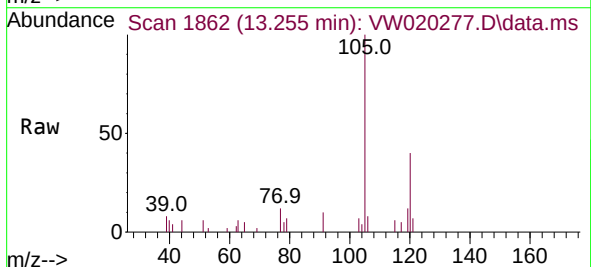
Instrument :
MSVOA_W
ClientSampled :

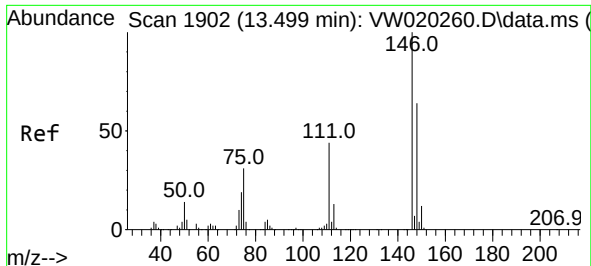
Tgt Ion:105 Resp: 4752
Ion Ratio Lower Upper
105 100
120 49.6 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 42.129 ug/L
RT: 13.255 min Scan# 1862
Delta R.T. 0.006 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

Tgt Ion:105 Resp: 3839
Ion Ratio Lower Upper
105 100
120 43.5 36.2 54.4

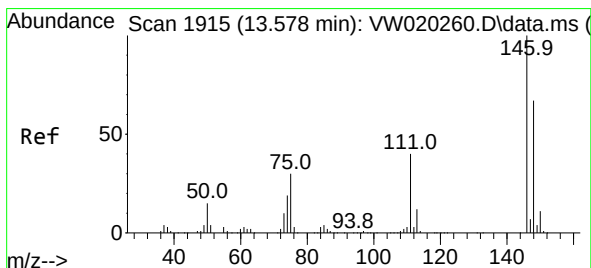
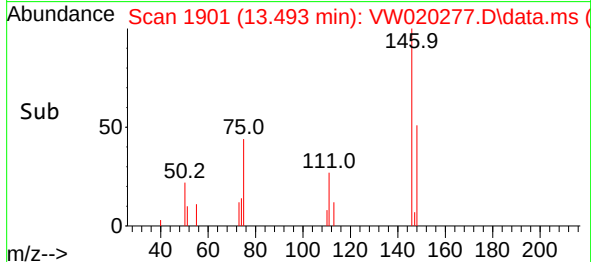
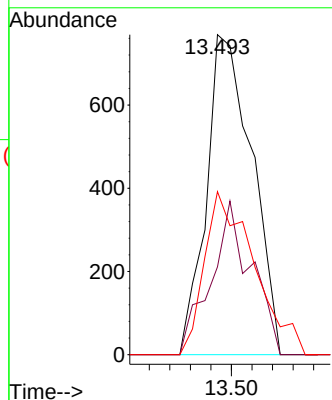
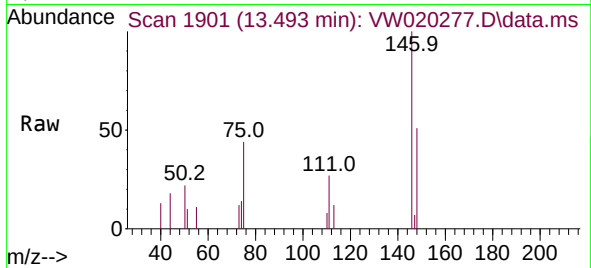




#64
1,3-Dichlorobenzene
Concen: 22.841 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

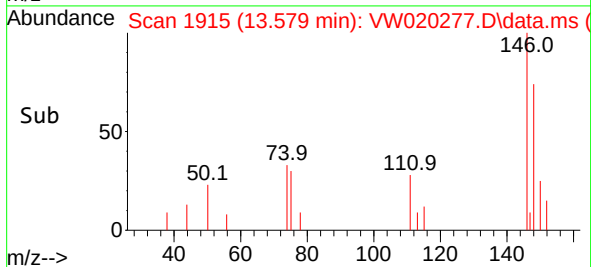
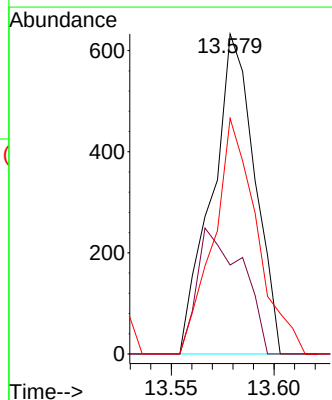
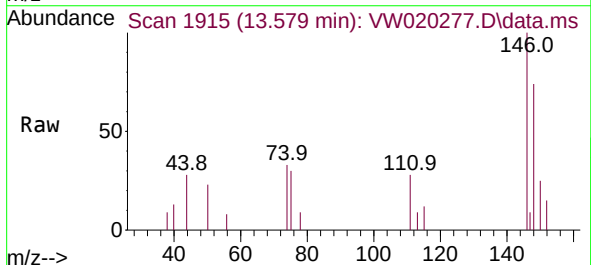
Instrument :
MSVOA_W
ClientSampled :

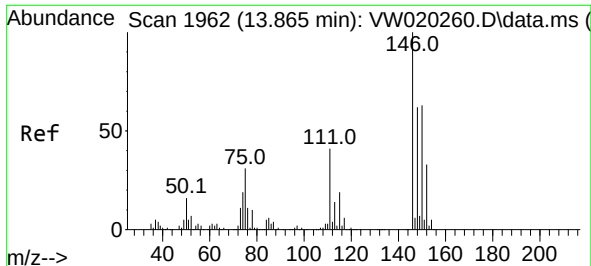
Tgt Ion:146 Resp: 1184
Ion Ratio Lower Upper
146 100
111 27.4 28.3 52.5#
148 51.0 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 17.081 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

Tgt Ion:146 Resp: 915
Ion Ratio Lower Upper
146 100
111 27.8 29.6 55.0#
148 73.6 45.3 84.1

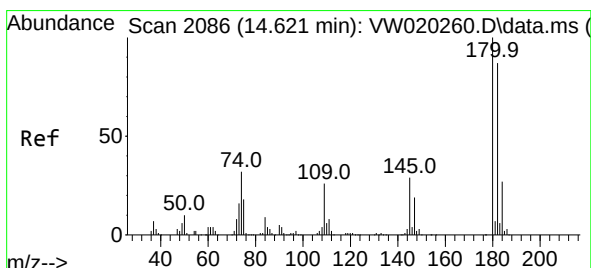
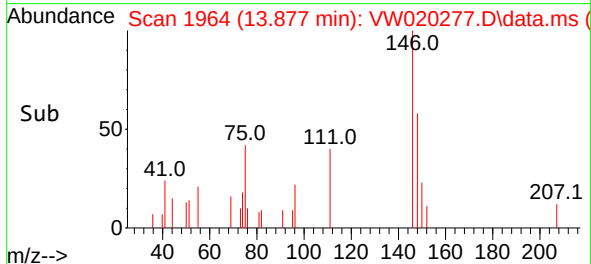
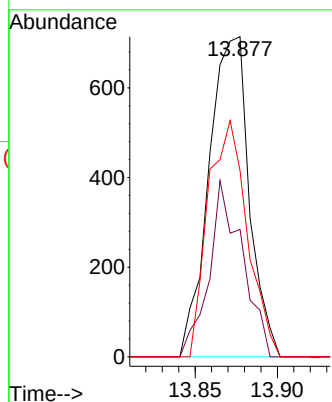
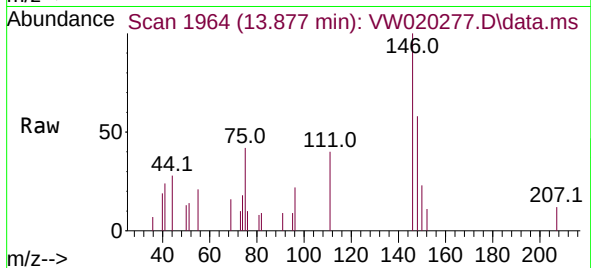




#67
1,2-Dichlorobenzene
Concen: 25.863 ug/L
RT: 13.877 min Scan# 1964
Delta R.T. 0.012 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

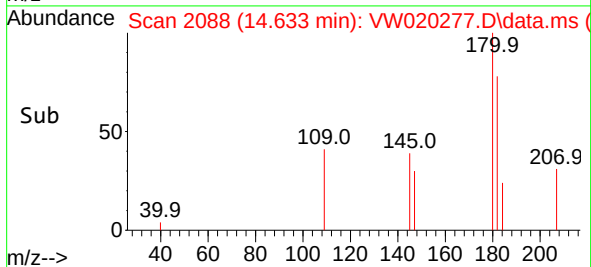
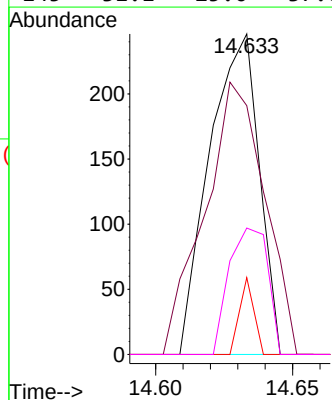
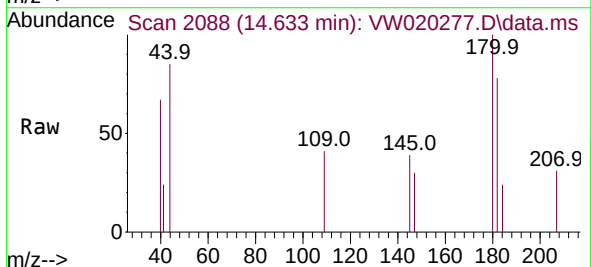
Instrument :
MSVOA_W
ClientSampleId :

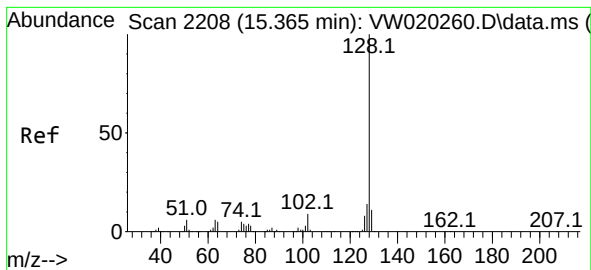
Tgt Ion:146 Resp: 1221
Ion Ratio Lower Upper
146 100
111 39.8 34.7 52.1
148 58.1 50.2 75.4



#69
1,3,5-Trichlorobenzene
Concen: 8.618 ug/L
RT: 14.633 min Scan# 2088
Delta R.T. 0.012 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

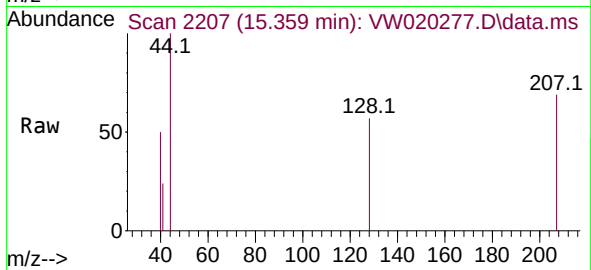
Tgt Ion:180 Resp: 309
Ion Ratio Lower Upper
180 100
182 103.2 75.2 112.8
184 0.0 24.3 36.5#
145 31.1 25.0 37.6





#71
Naphthalene
Concen: 3.770 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW020277.D
Acq: 30 Sep 2021 18:05

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 184
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 12.8#

