

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093021\
 Data File : VW020276.D
 Acq On : 30 Sep 2021 17:41
 Operator : SY/VA
 Sample : M3974-04MS
 Misc : 6.98g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 01 01:06:57 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	282774	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	120317	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	23906	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	93871	16.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.920%
7) Chloroethane-d5	2.898	69	94788	21.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	4.026	63	123871	13.676	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.720%
21) 2-Butanone-d5	7.080	46	29421	32.958	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.920%
24) Chloroform-d	7.653	84	189796	21.342	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.360%
26) 1,2-Dichloroethane-d4	8.305	65	127595	26.658	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.640%
32) Benzene-d6	8.275	84	423816	55.213	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	220.840%#
36) 1,2-Dichloropropane-d6	9.275	67	123544	55.613	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	222.440%#
41) Toluene-d8	10.323	98	266661	38.180	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	152.720%#
43) trans-1,3-Dichloroprop...	10.579	79	36351	38.284	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	153.120%#
47) 2-Hexanone-d5	10.927	63	26113	84.941	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	169.880%#
56) 1,1,2,2-Tetrachloroeth...	12.701	84	63221	36.894	ug/L	0.01
Spiked Amount	25.000	Range	45 - 120	Recovery	=	147.560%#
66) 1,2-Dichlorobenzene-d4	13.853	152	27991	31.226	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	124.920%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	52542	21.214	ug/L	100
3) Chloromethane	2.215	50	75062	21.917	ug/L	99
5) Vinyl chloride	2.367	62	134482	25.007	ug/L	98
6) Bromomethane	2.788	94	100852	29.009	ug/L	98
8) Chloroethane	2.928	64	93843	28.857	ug/L	98
9) Trichlorofluoromethane	3.270	101	71270	18.837	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	76654	18.532	ug/L	96
12) 1,1-Dichloroethene	4.050	96	73594	19.625	ug/L #	62
13) Acetone	4.123	43	26107	34.147	ug/L	99
14) Carbon disulfide	4.391	76	194437	16.487	ug/L	98
15) Methyl Acetate	4.672	43	26384	18.046	ug/L	95
16) Methylene chloride	4.922	84	95954	19.231	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	83486	21.132	ug/L	94
18) Methyl tert-butyl Ether	5.434	73	115007	24.523	ug/L	98
19) 1,1-Dichloroethane	6.214	63	213674	29.324	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	92529	23.030	ug/L	91
22) 2-Butanone	7.177	43	36071	36.366	ug/L	94
23) Bromochloromethane	7.519	128	42286	23.218	ug/L	86
25) Chloroform	7.677	83	174630	22.918	ug/L	98

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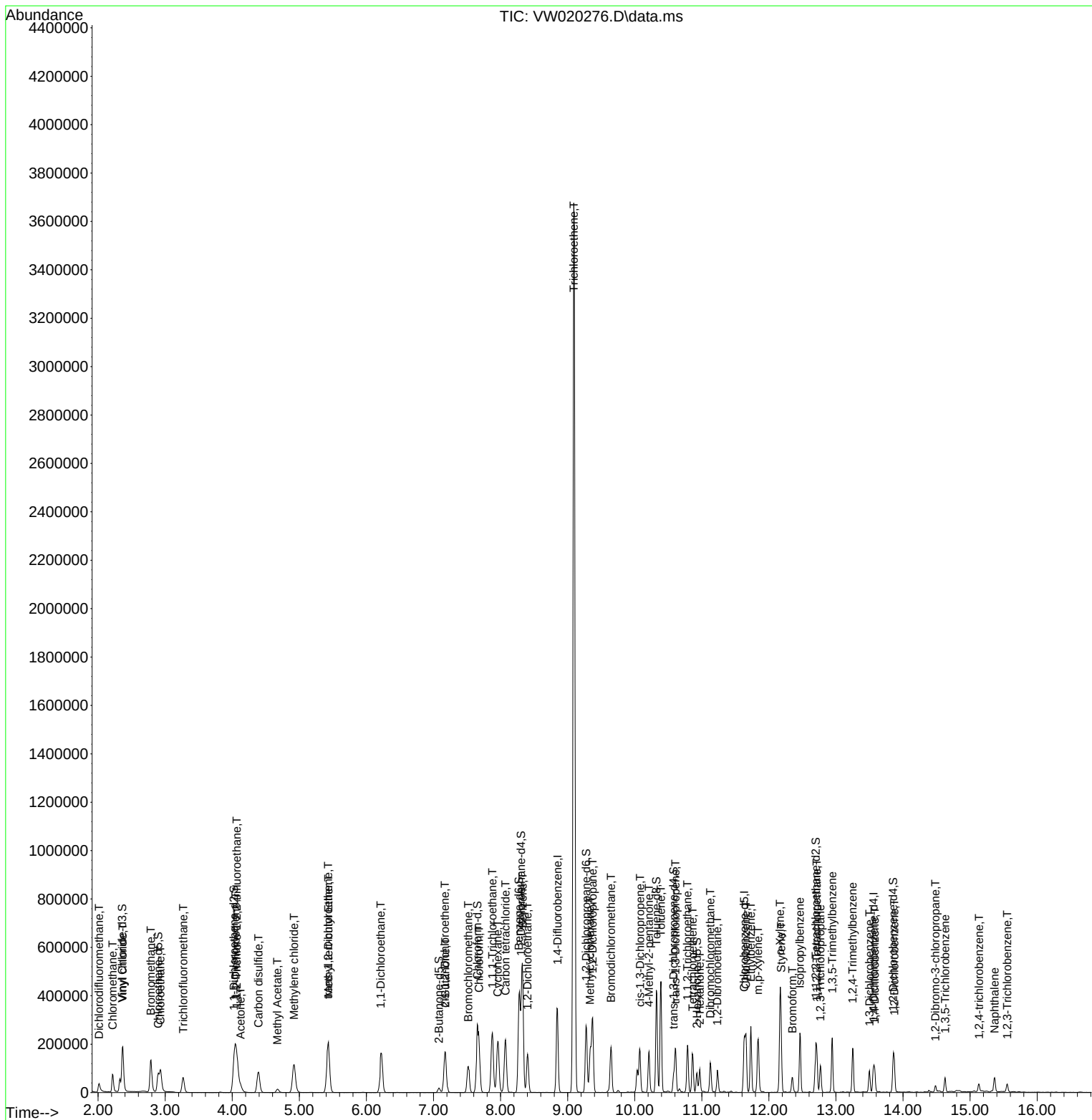
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 ClientSampleId :

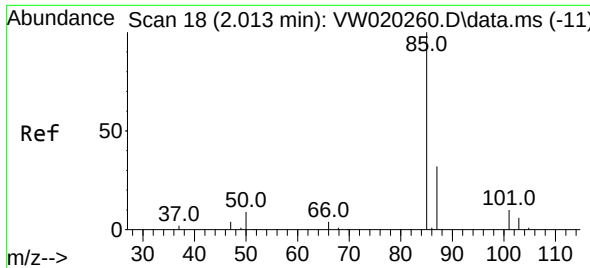
Quant Time: Oct 01 01:06:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 01 01:03:15 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	147495	29.414	ug/L	100
29) Cyclohexane	7.958	56	114025	42.591	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	200878	67.377	ug/L	99
31) Carbon tetrachloride	8.074	117	162882	60.045	ug/L	99
33) Benzene	8.330	78	454629	62.610	ug/L	100
34) Trichloroethene	9.092	95	1277118	657.015	ug/L	98
35) Methylcyclohexane	9.336	83	69801	22.039	ug/L	98
37) 1,2-Dichloropropane	9.372	63	107816	59.947	ug/L	100
38) Bromodichloromethane	9.646	83	127319	52.276	ug/L	95
39) cis-1,3-Dichloropropene	10.079	75	102042	38.467	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	103607	114.381	ug/L	99
42) Toluene	10.390	91	329446	42.705	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	97755	41.026	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	61067	46.306	ug/L	98
46) Tetrachloroethene	10.866	164	35396	23.559	ug/L	93
48) 2-Hexanone	10.969	43	60343	95.634	ug/L	97
49) Dibromochloromethane	11.128	129	61088	39.642	ug/L	99
50) 1,2-Dibromoethane	11.232	107	45495	36.657	ug/L #	98
51) Chlorobenzene	11.658	112	122741	24.463	ug/L	95
52) Ethylbenzene	11.731	91	181964	21.415	ug/L	98
53) m,p-Xylene	11.841	106	71053	21.934	ug/L	96
54) o-Xylene	12.164	106	87136	29.079	ug/L	100
55) Styrene	12.183	104	112757	21.655	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	73016	46.355	ug/L	97
59) Bromoform	12.353	173	27724	85.058	ug/L	98
60) Isopropylbenzene	12.463	105	155234	48.429	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	43281	95.881	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	113680	43.214	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	101025	39.094	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	36855	25.071	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	35601	23.435	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	42711	31.902	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	6738	66.495	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	17363	17.077	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	9540	12.158	ug/L #	95
71) Naphthalene	15.365	128	50499	36.490	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	10178	14.405	ug/L	97

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

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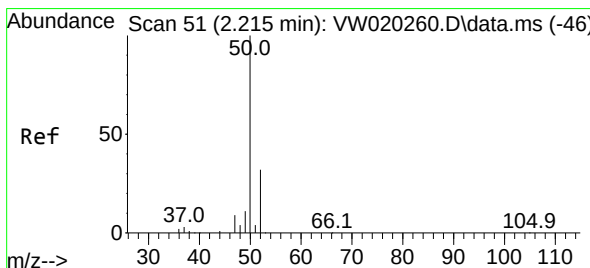
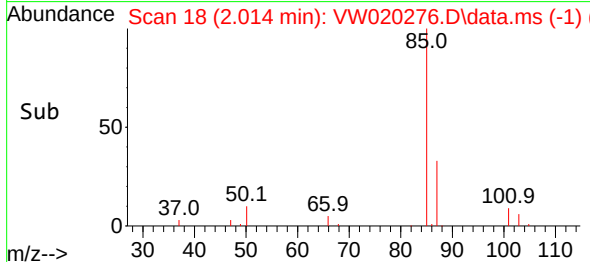
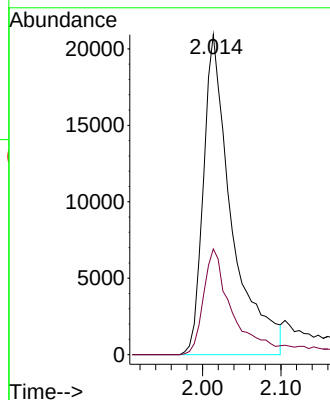
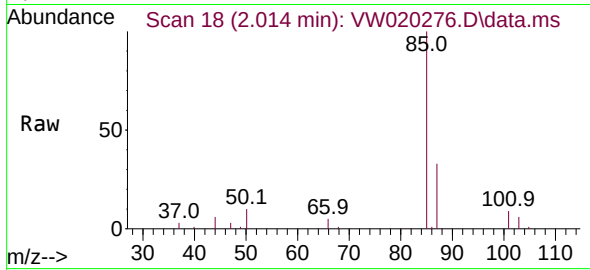




#2
Dichlorodifluoromethane
Concen: 21.214 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

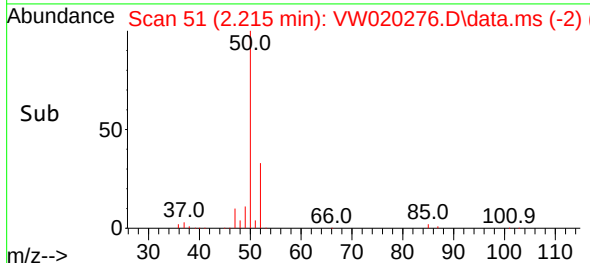
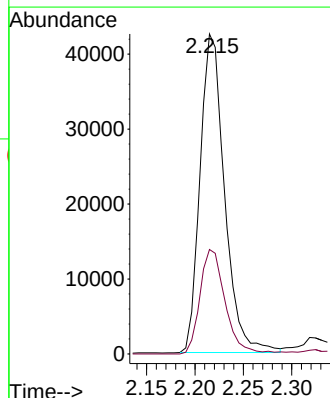
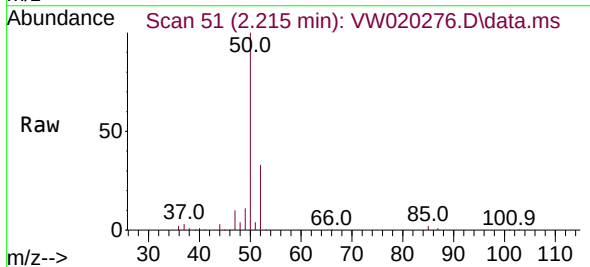
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MSVOA_W
ClientSampled :

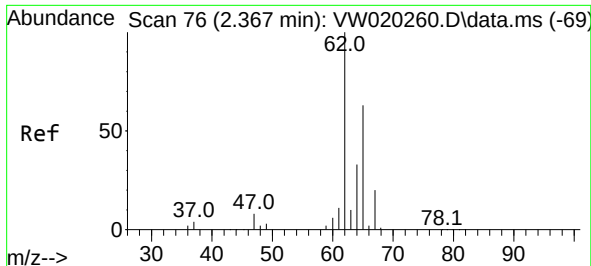
Tgt Ion: 85 Resp: 52542
Ion Ratio Lower Upper
85 100
87 32.8 26.3 39.5



#3
Chloromethane
Concen: 21.917 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

Tgt Ion: 50 Resp: 75062
Ion Ratio Lower Upper
50 100
52 32.6 22.5 41.9

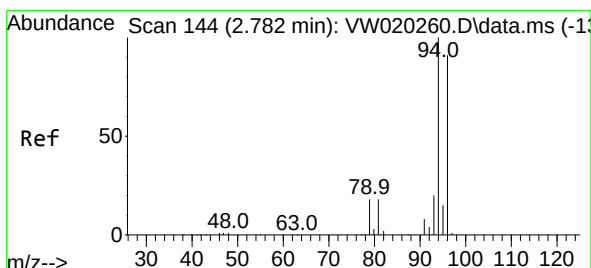
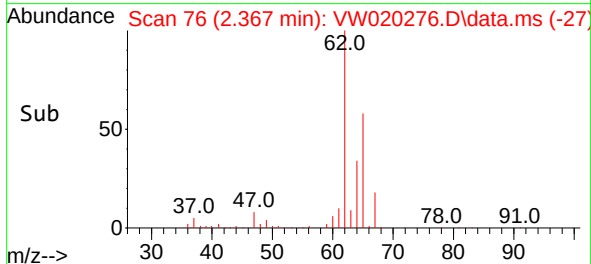
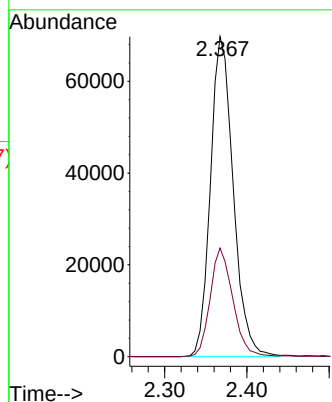
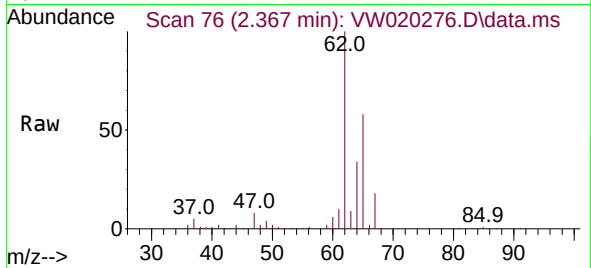




#5
 Vinyl chloride
 Concen: 25.007 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW020276.D
 Acq: 30 Sep 2021 17:41

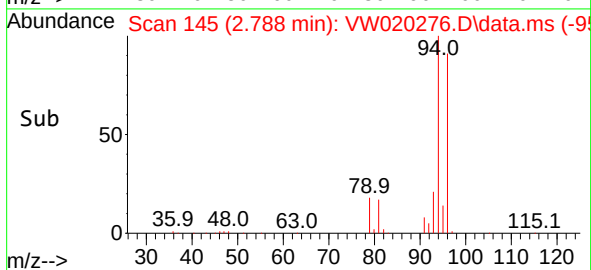
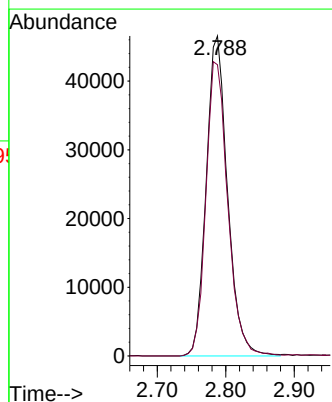
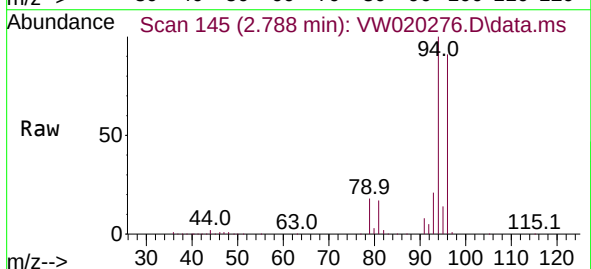
Instrument :
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 ClientSampled :

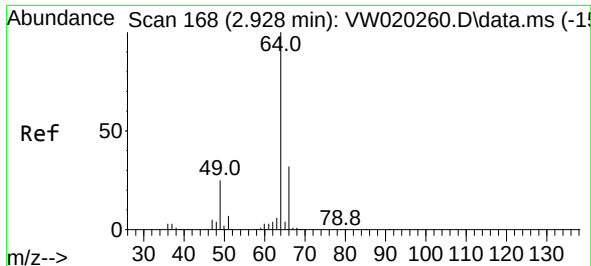
Tgt Ion: 62 Resp: 134482
 Ion Ratio Lower Upper
 62 100
 64 34.0 24.5 45.5



#6
 Bromomethane
 Concen: 29.009 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW020276.D
 Acq: 30 Sep 2021 17:41

Tgt Ion: 94 Resp: 100852
 Ion Ratio Lower Upper
 94 100
 96 91.0 64.8 120.3

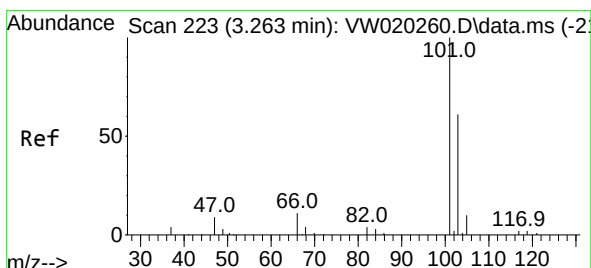
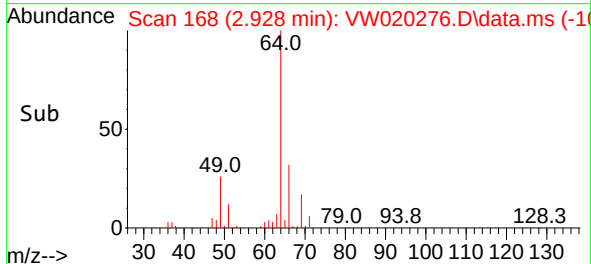
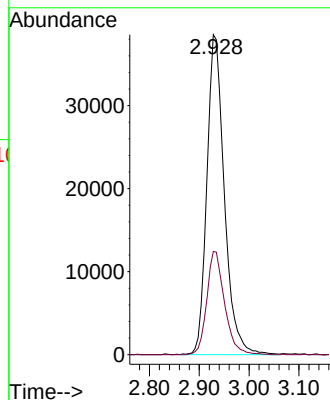
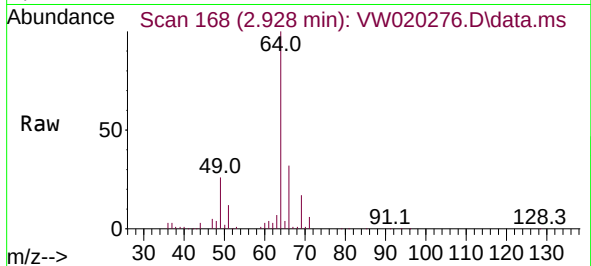




#8
Chloroethane
Concen: 28.857 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

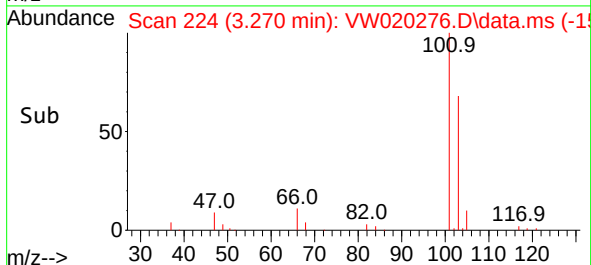
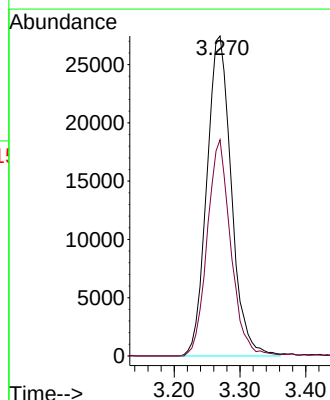
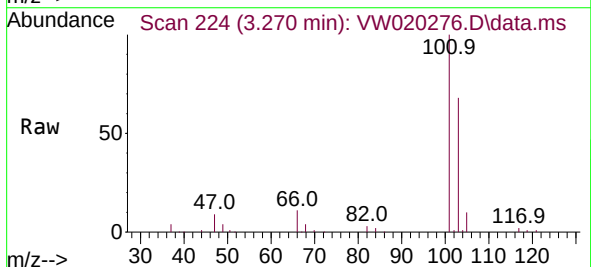
Instrument :
MSVOA_W
ClientSampled :

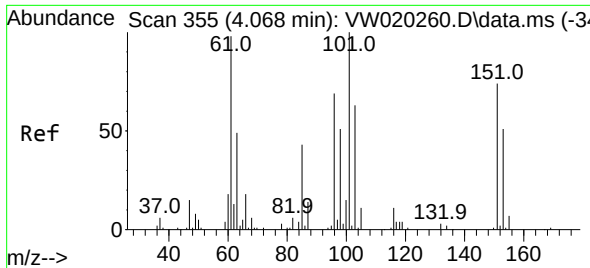
Tgt Ion: 64 Resp: 93843
Ion Ratio Lower Upper
64 100
66 32.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 18.837 ug/L
RT: 3.270 min Scan# 224
Delta R.T. 0.006 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

Tgt Ion:101 Resp: 71270
Ion Ratio Lower Upper
101 100
103 64.8 51.3 76.9

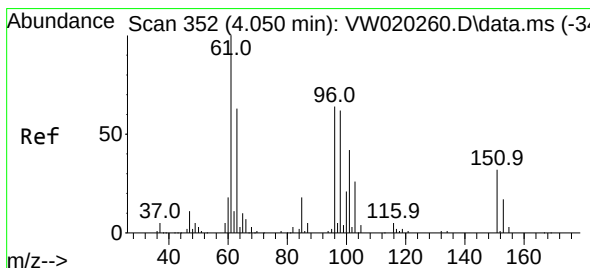
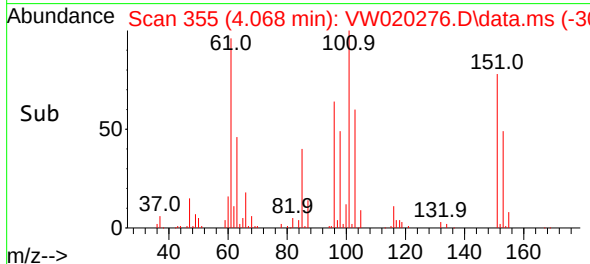
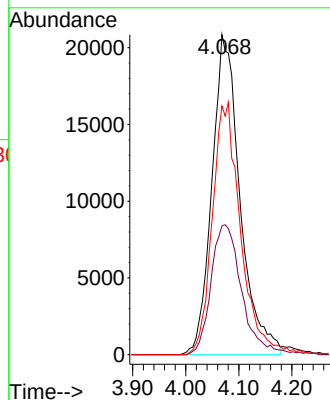
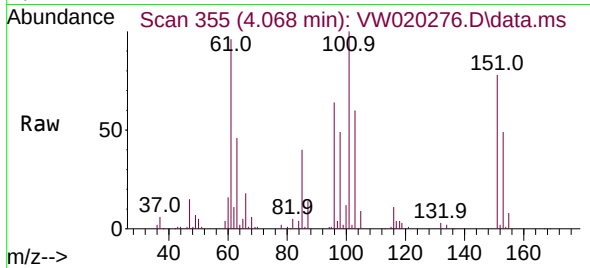




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.532 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW020276.D
 Acq: 30 Sep 2021 17:41

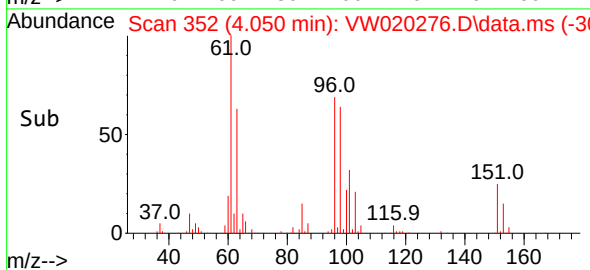
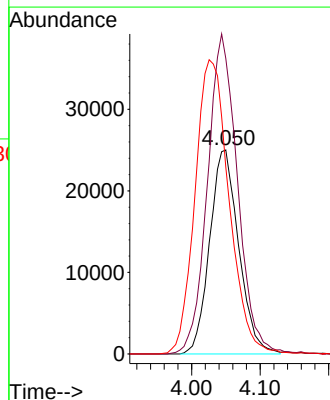
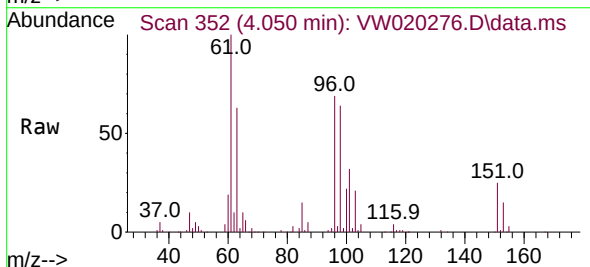
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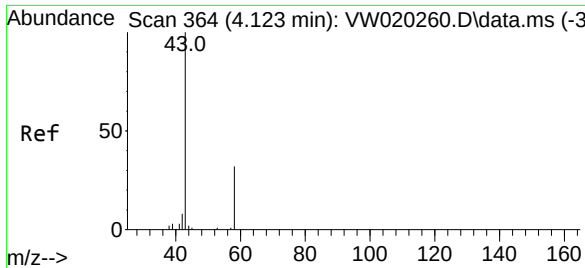
Tgt Ion:	101	Resp:	76654
Ion	Ratio	Lower	Upper
101	100		
85	44.2	35.4	53.0
151	79.1	59.0	88.6



#12
 1,1-Dichloroethene
 Concen: 19.625 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW020276.D
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Tgt Ion:	96	Resp:	73594
Ion	Ratio	Lower	Upper
96	100		
61	144.9	126.1	234.3
63	91.6	112.6	209.0#

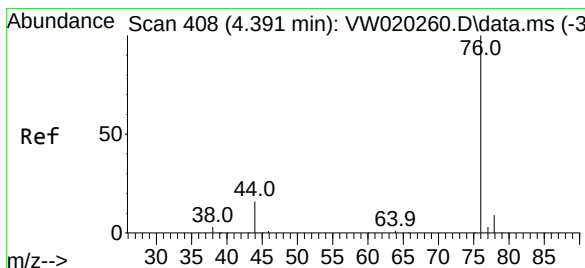
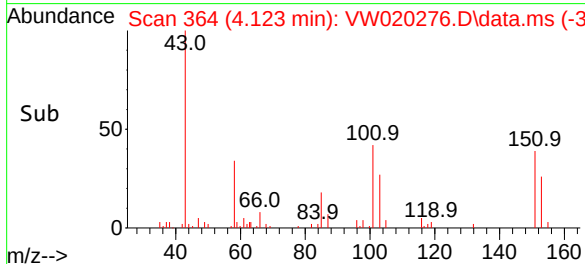
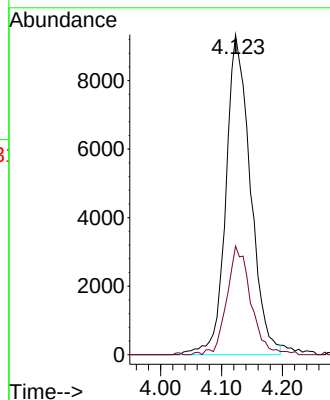
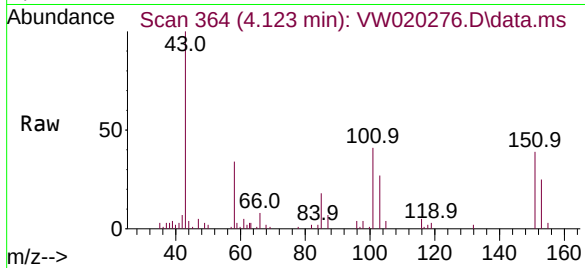




#13
Acetone
Concen: 34.147 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

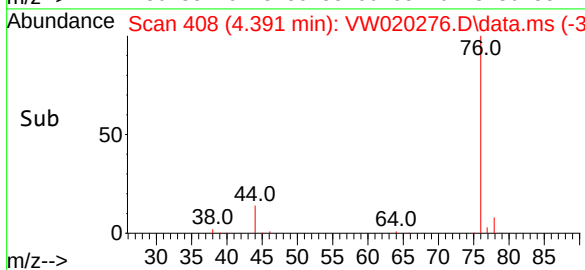
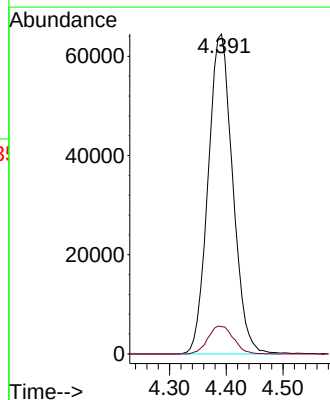
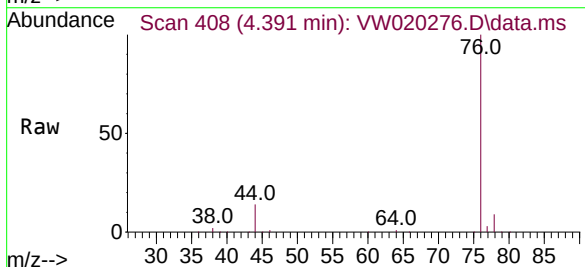
Instrument :
MSVOA_W
ClientSampleId :

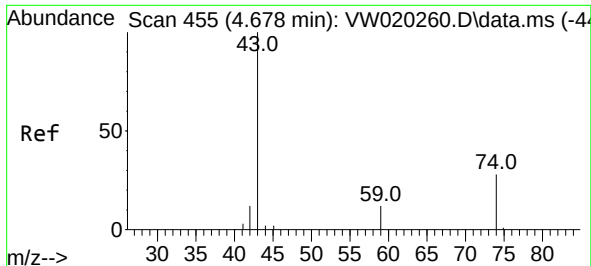
Tgt Ion: 43 Resp: 26107
Ion Ratio Lower Upper
43 100
58 30.2 0.0 61.6



#14
Carbon disulfide
Concen: 16.487 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

Tgt Ion: 76 Resp: 194437
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

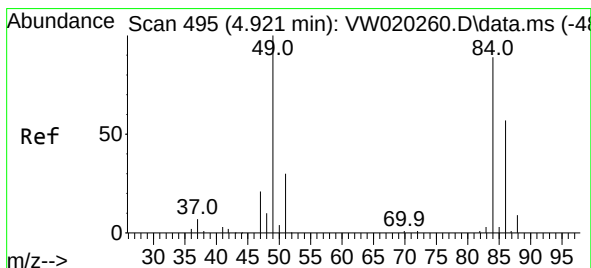
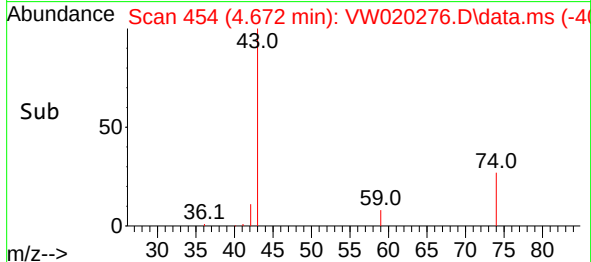
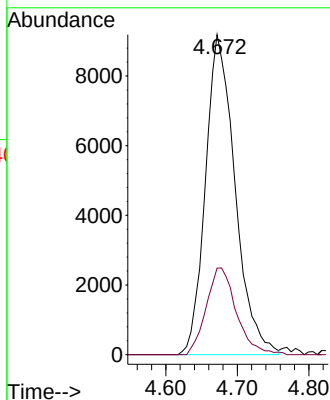
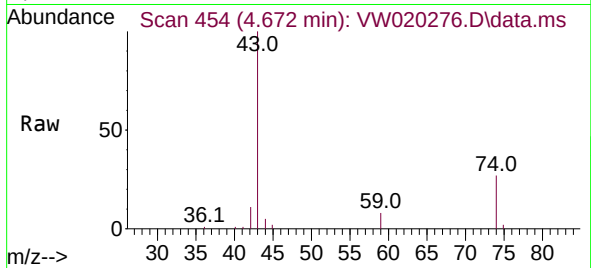




#15
Methyl Acetate
Concen: 18.046 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

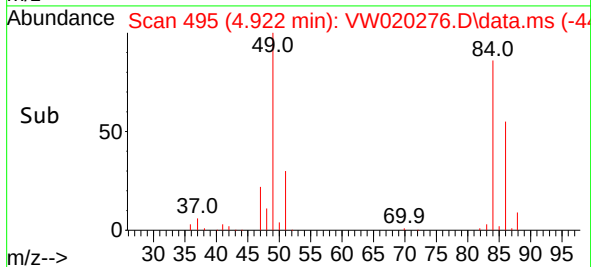
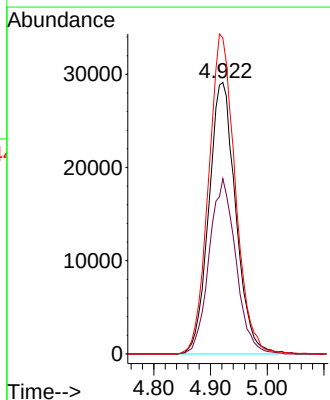
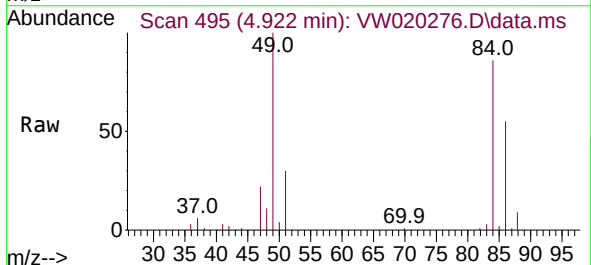
Instrument :
MSVOA_W
ClientSampled :

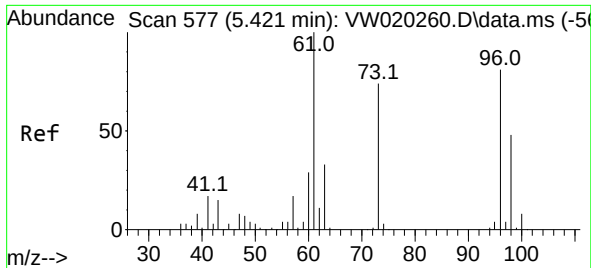
Tgt Ion: 43 Resp: 26384
Ion Ratio Lower Upper
43 100
74 27.4 20.0 30.0



#16
Methylene chloride
Concen: 19.231 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

Tgt Ion: 84 Resp: 95954
Ion Ratio Lower Upper
84 100
86 64.6 42.6 79.0
49 116.4 83.4 154.8

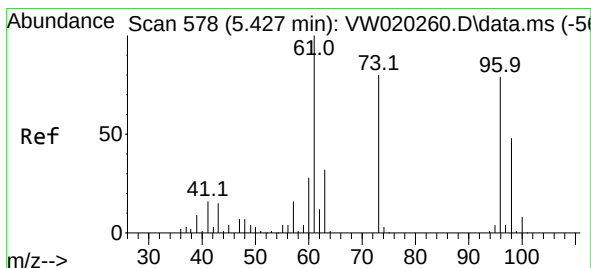
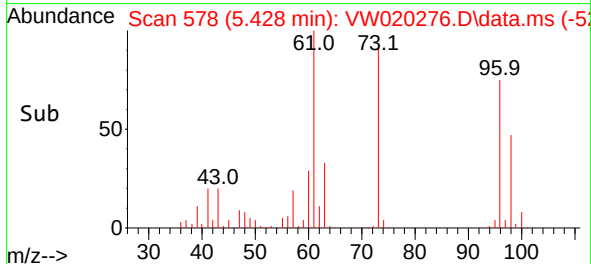
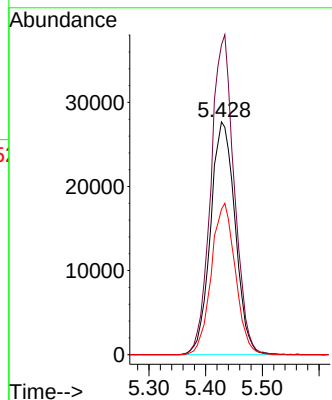
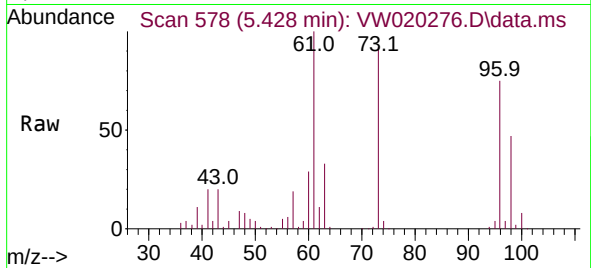




#17
trans-1,2-Dichloroethene
Concen: 21.132 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

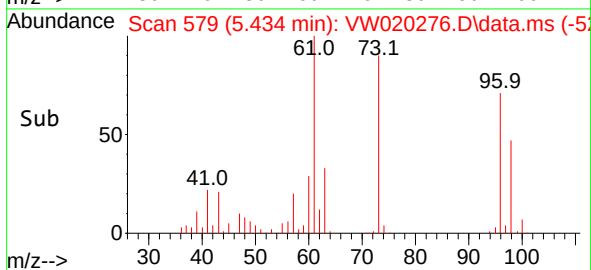
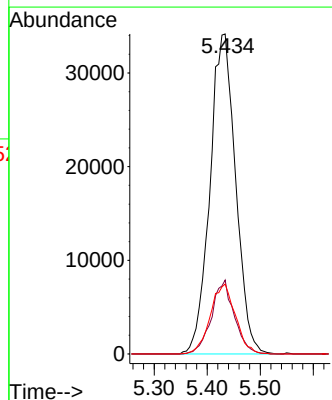
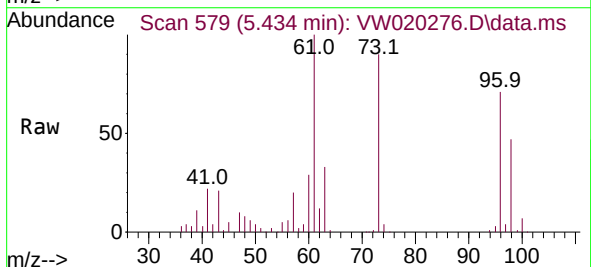
Instrument :
MSVOA_W
ClientSampled :

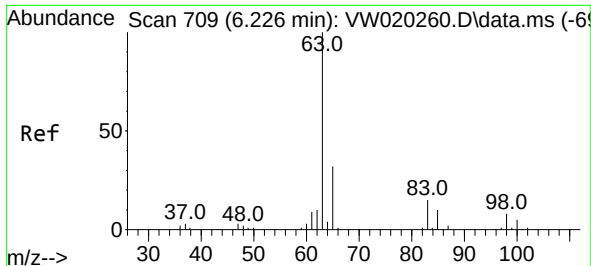
Tgt Ion: 96 Resp: 83486
Ion Ratio Lower Upper
96 100
61 133.1 98.3 182.5
98 62.5 46.6 86.6



#18
Methyl tert-butyl Ether
Concen: 24.523 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

Tgt Ion: 73 Resp: 115007
Ion Ratio Lower Upper
73 100
43 20.5 17.4 26.0
57 21.4 17.4 26.0





#19

1,1-Dichloroethane

Concen: 29.324 ug/L

RT: 6.214 min Scan# 707

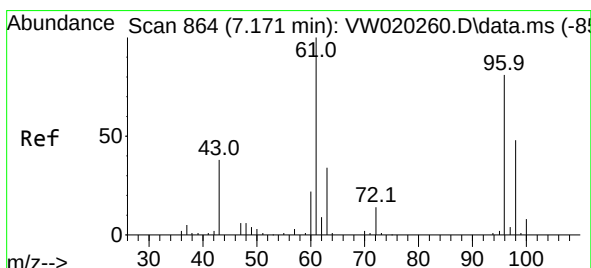
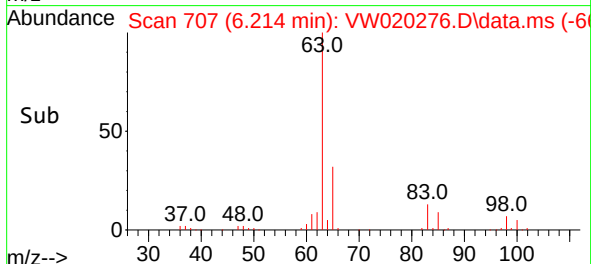
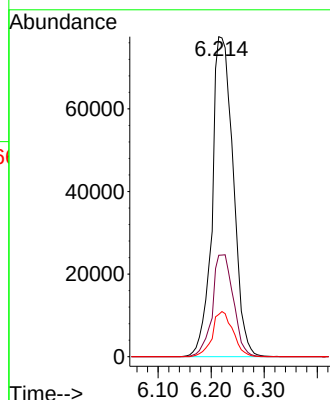
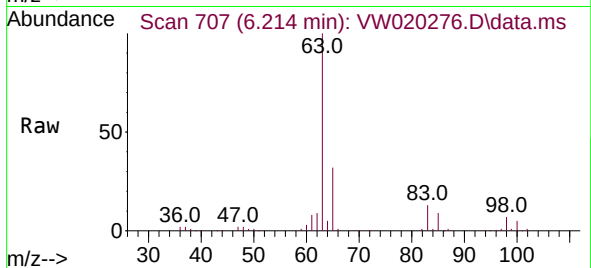
Delta R.T. -0.012 min

Lab File: VW020276.D

Acq: 30 Sep 2021 17:41

Tgt Ion:	63	Resp:	213674
Ion	Ratio	Lower	Upper
63	100		
65	31.7	23.1	42.9
83	13.2	9.4	17.6

Instrument :
MSVOA_W
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 23.030 ug/L

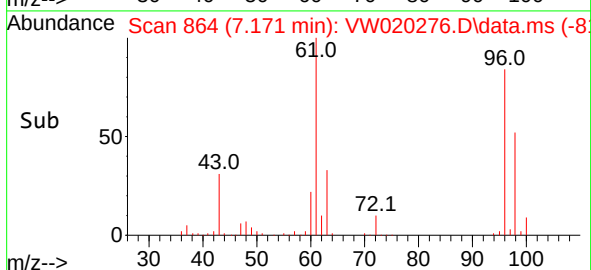
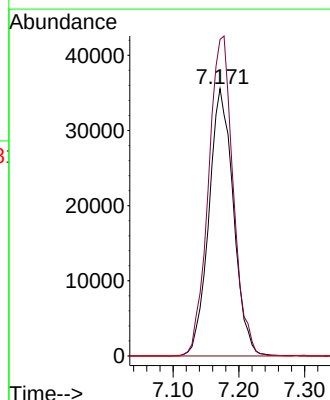
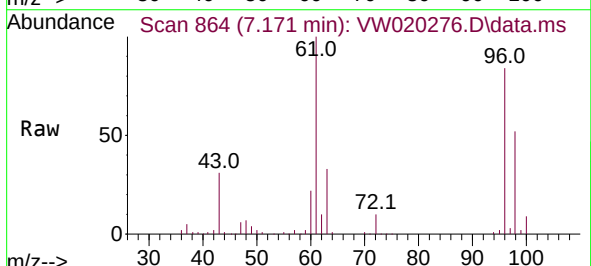
RT: 7.171 min Scan# 864

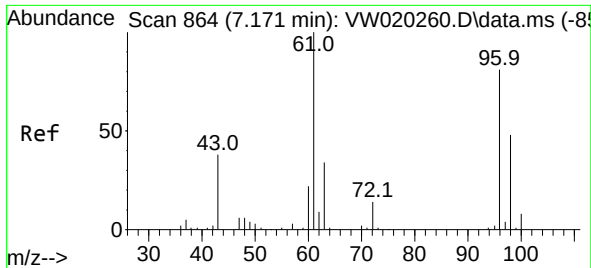
Delta R.T. 0.000 min

Lab File: VW020276.D

Acq: 30 Sep 2021 17:41

Tgt Ion:	96	Resp:	92529
Ion	Ratio	Lower	Upper
96	100		
61	118.4	89.9	167.0
68	0.0	0.0	0.0

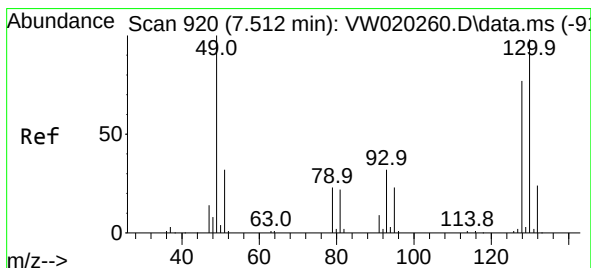
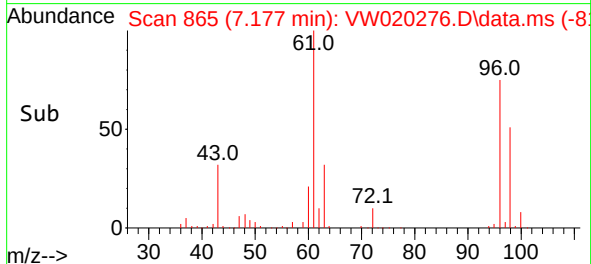
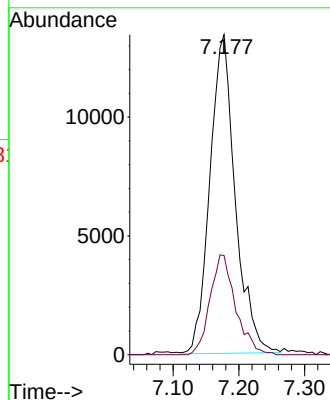
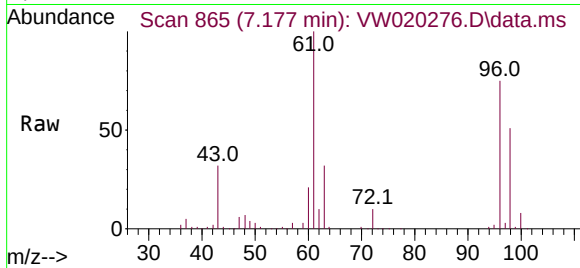




#22
2-Butanone
Concen: 36.366 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

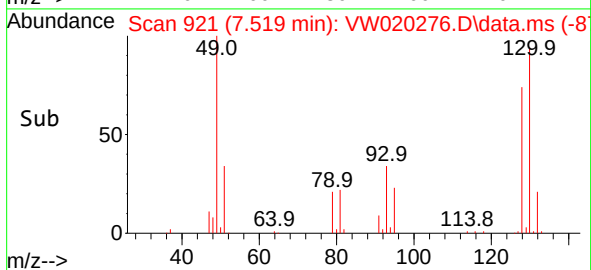
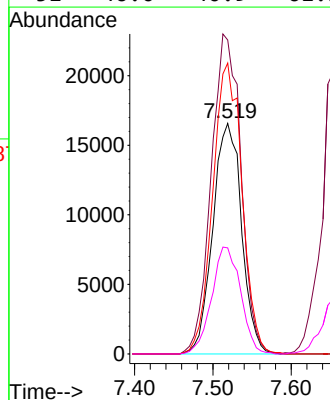
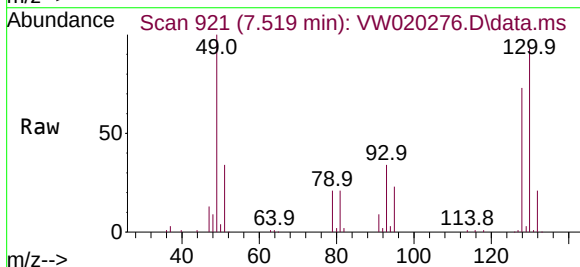
Instrument :
MSVOA_W
ClientSampled :

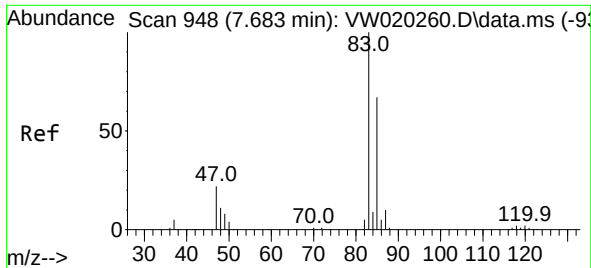
Tgt Ion: 43 Resp: 36071
Ion Ratio Lower Upper
43 100
72 31.4 14.1 42.2



#23
Bromochloromethane
Concen: 23.218 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

Tgt Ion: 128 Resp: 42286
Ion Ratio Lower Upper
128 100
49 136.1 114.7 213.1
130 126.1 94.2 175.0
51 46.0 40.9 61.3

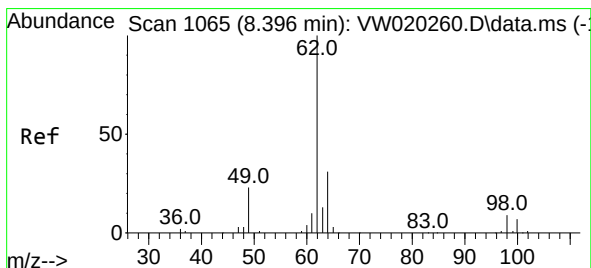
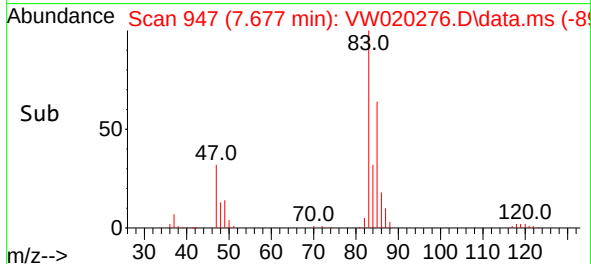
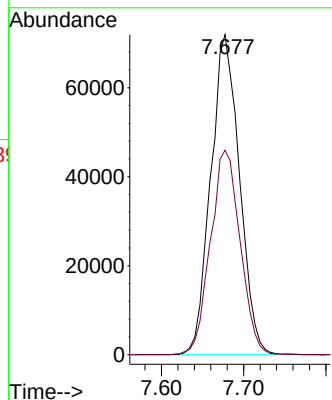
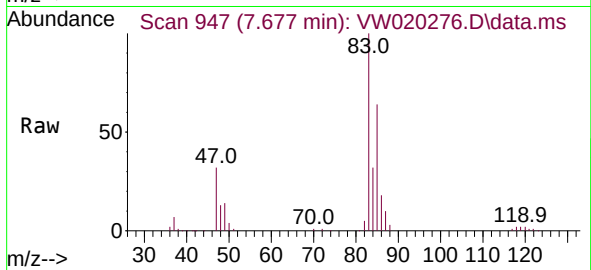




#25
Chloroform
Concen: 22.918 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

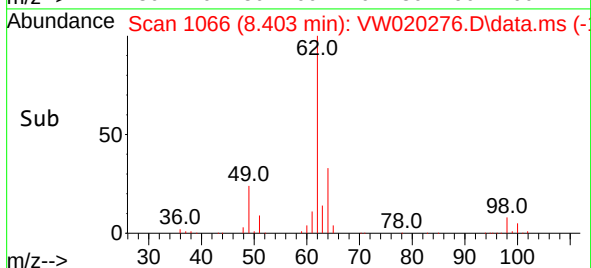
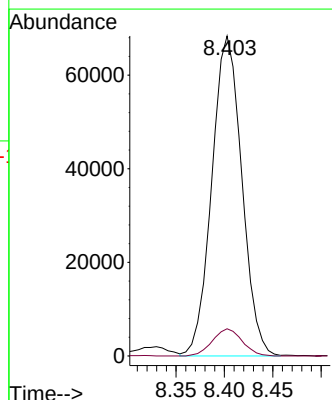
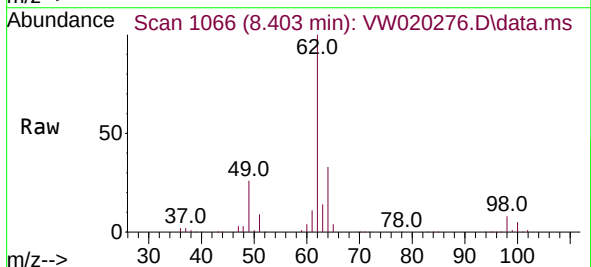
Instrument :
MSVOA_W
ClientSampled :

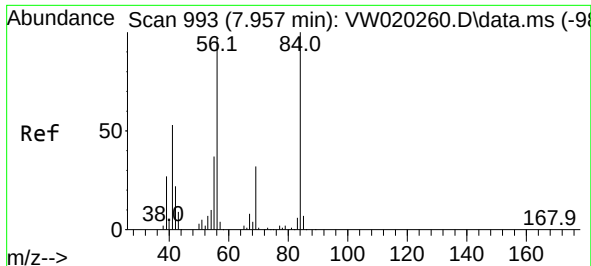
Tgt Ion: 83 Resp: 174630
Ion Ratio Lower Upper
83 100
85 63.9 45.6 84.8



#27
1,2-Dichloroethane
Concen: 29.414 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

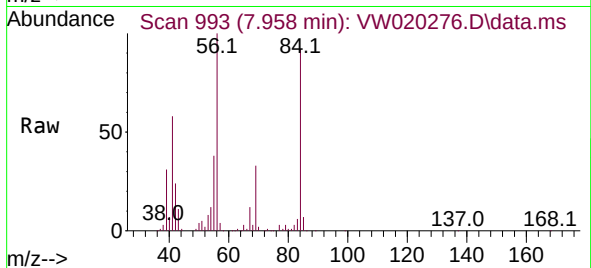
Tgt Ion: 62 Resp: 147495
Ion Ratio Lower Upper
62 100
98 8.5 6.9 10.3



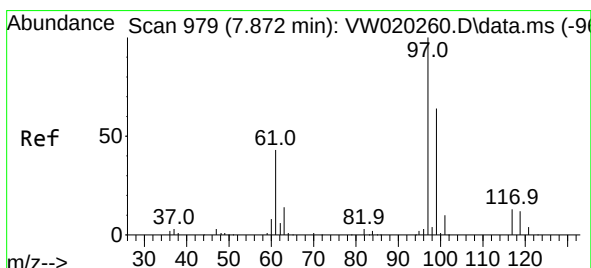
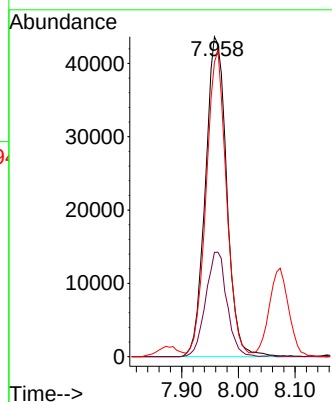
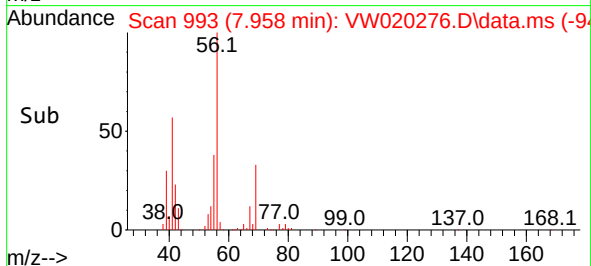


#29
Cyclohexane
Concen: 42.591 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

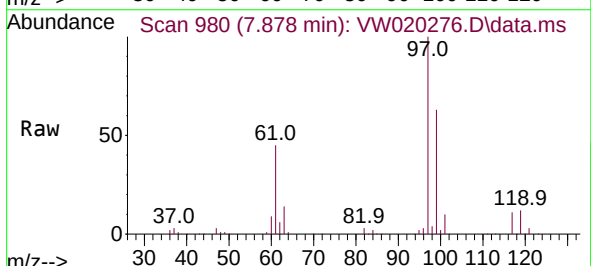
Instrument :
MSVOA_W
ClientSampled :



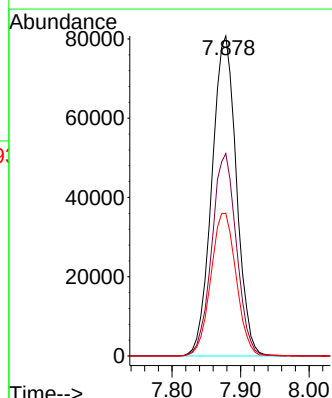
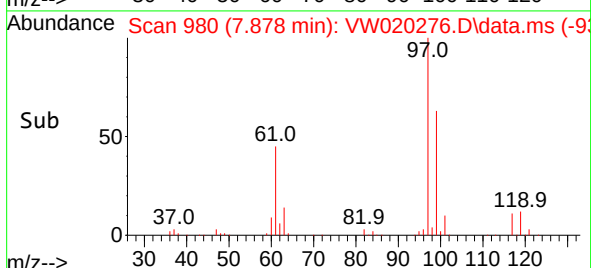
Tgt Ion: 56 Resp: 114025
Ion Ratio Lower Upper
56 100
69 32.5 25.7 38.5
84 91.0 73.4 110.2

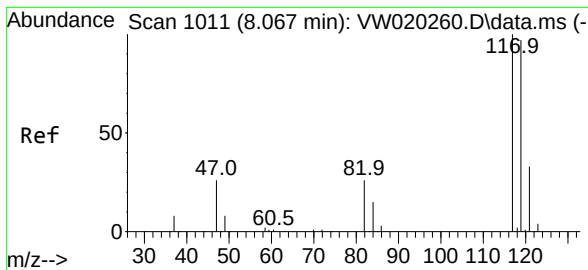


#30
1,1,1-Trichloroethane
Concen: 67.377 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41



Tgt Ion: 97 Resp: 200878
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.0
61 46.0 37.5 56.3

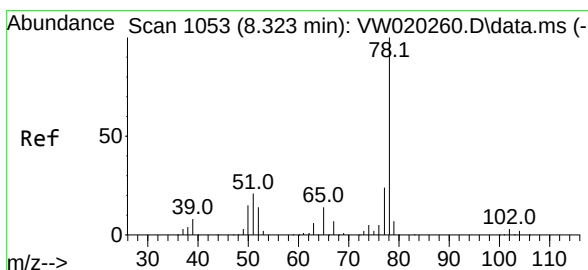
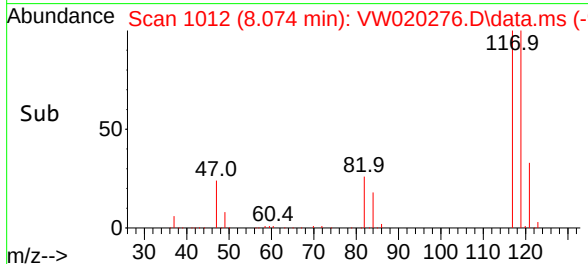
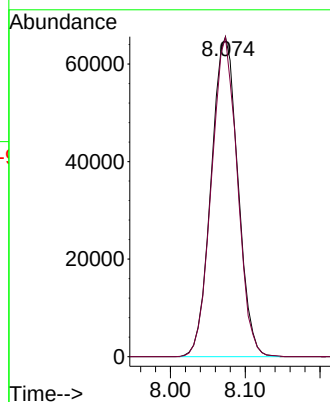
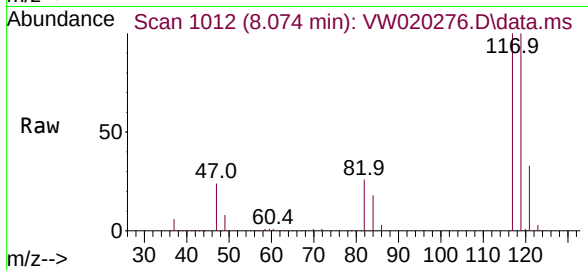




#31
Carbon tetrachloride
Concen: 60.045 ug/L
RT: 8.074 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

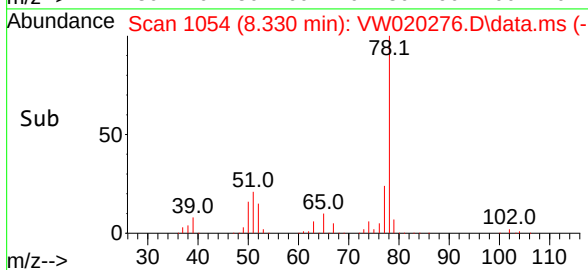
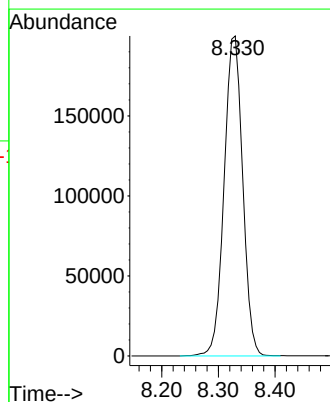
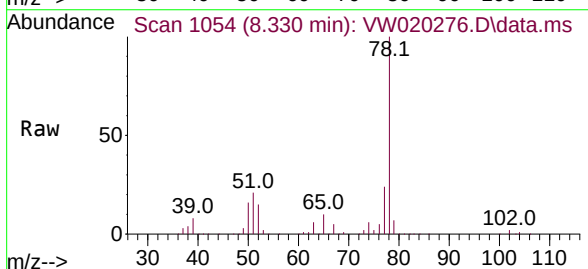
Instrument :
MSVOA_W
ClientSampled :

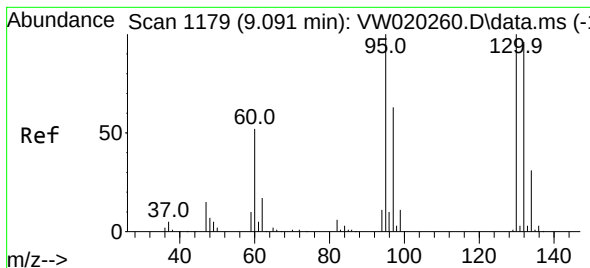
Tgt Ion:117 Resp: 162882
Ion Ratio Lower Upper
117 100
119 96.7 76.4 114.6



#33
Benzene
Concen: 62.610 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

Tgt Ion: 78 Resp: 454629





#34

Trichloroethene

Concen: 657.015 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW020276.D

Acq: 30 Sep 2021 17:41

Tgt Ion: 95 Resp: 1277118

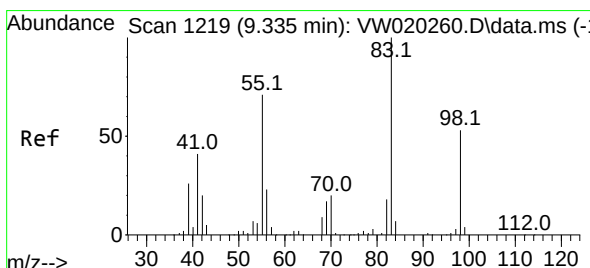
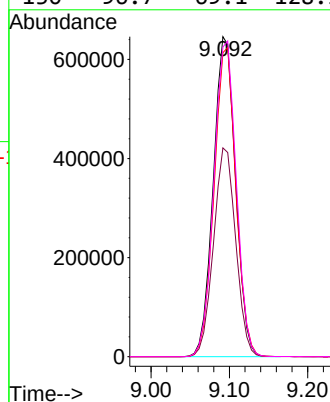
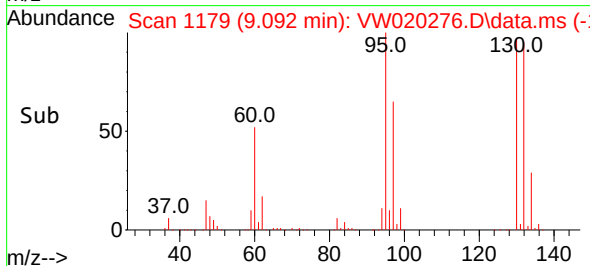
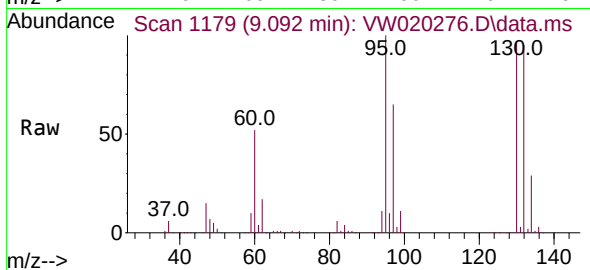
Ion Ratio Lower Upper

95 100

97 65.3 45.1 83.7

132 95.0 67.9 126.1

130 96.7 69.1 128.3



#35

Methylcyclohexane

Concen: 22.039 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW020276.D

Acq: 30 Sep 2021 17:41

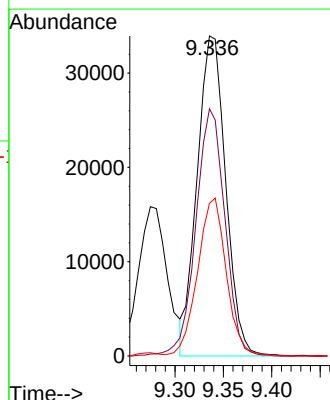
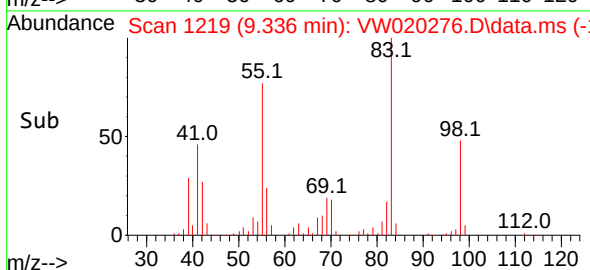
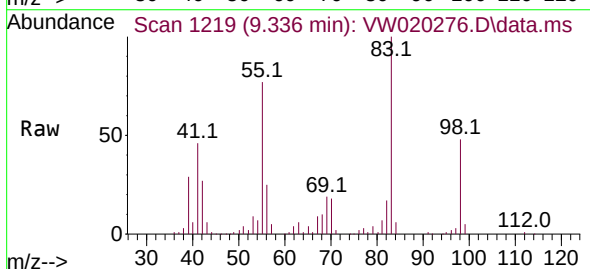
Tgt Ion: 83 Resp: 69801

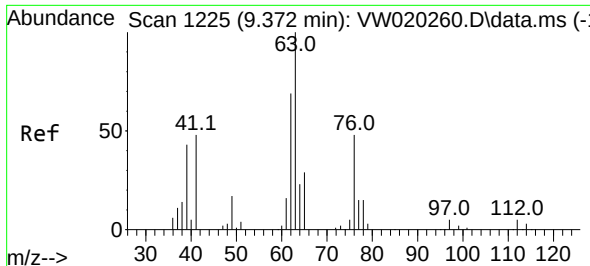
Ion Ratio Lower Upper

83 100

55 78.5 61.4 92.2

98 49.6 38.1 57.1

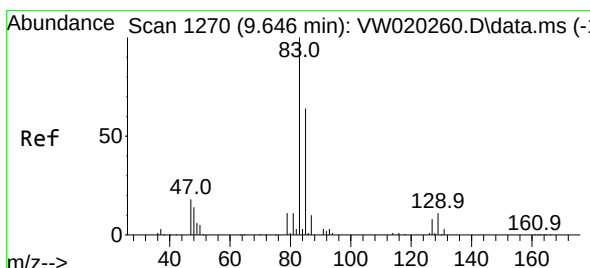
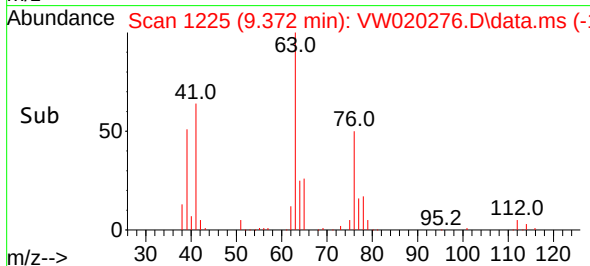
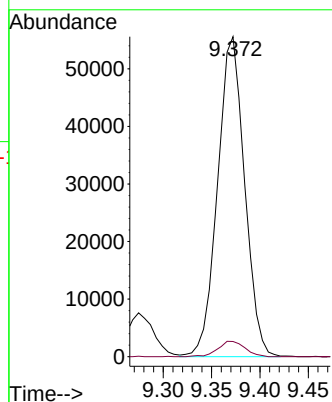
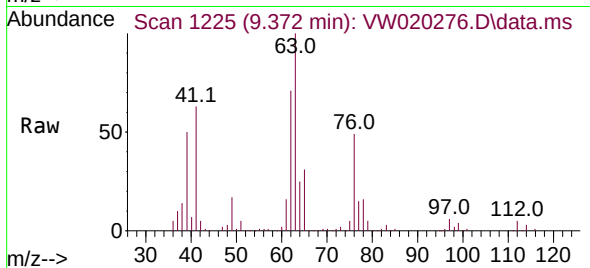




#37
1,2-Dichloropropane
Concen: 59.947 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

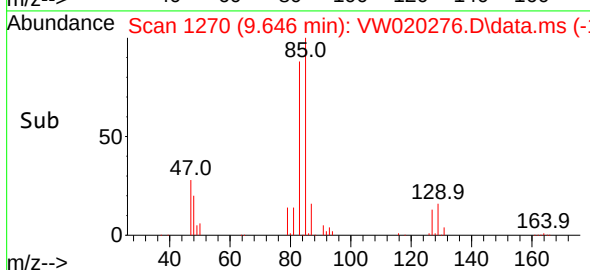
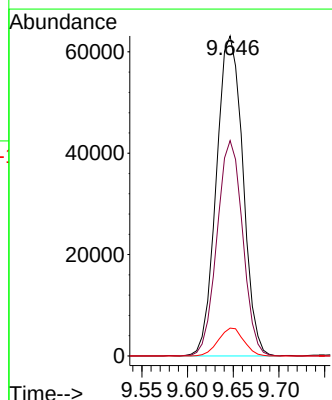
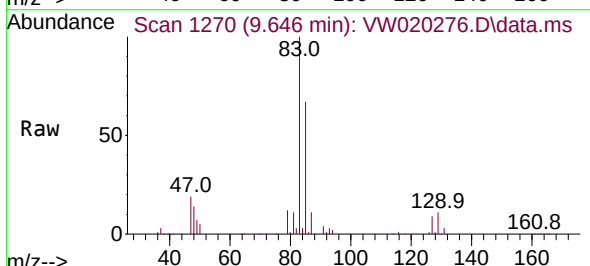
Instrument :
MSVOA_W
ClientSampled :

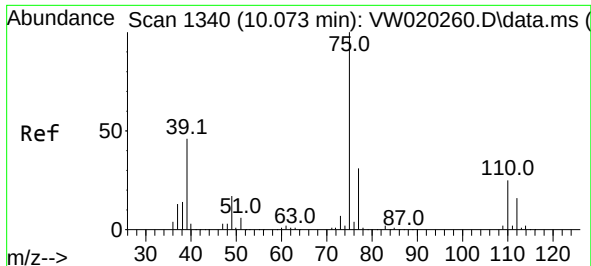
Tgt Ion: 63 Resp: 107816
Ion Ratio Lower Upper
63 100
112 4.7 3.6 5.4



#38
Bromodichloromethane
Concen: 52.276 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

Tgt Ion: 83 Resp: 127319
Ion Ratio Lower Upper
83 100
85 67.3 44.4 82.5
127 8.7 6.5 9.7

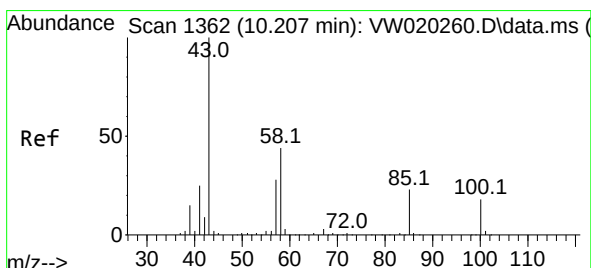
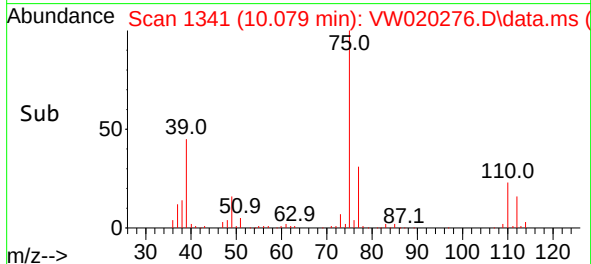
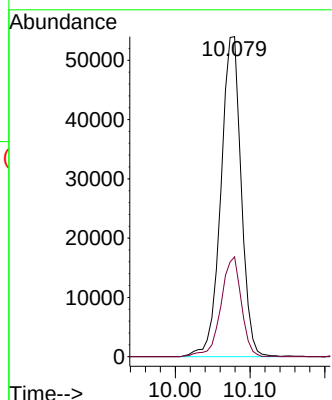
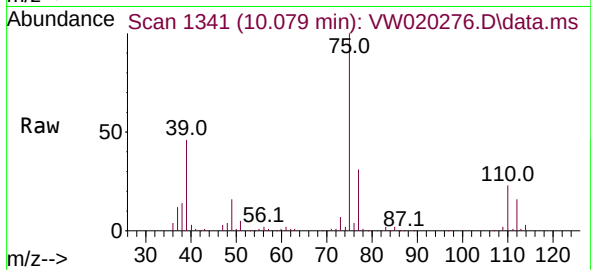




#39
cis-1,3-Dichloropropene
Concen: 38.467 ug/L
RT: 10.079 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

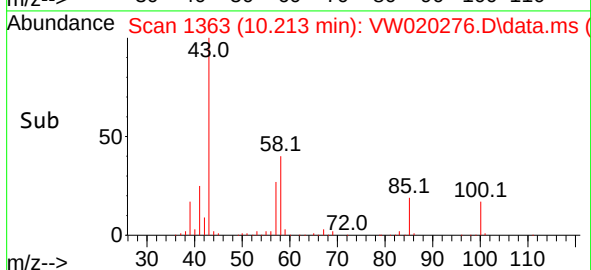
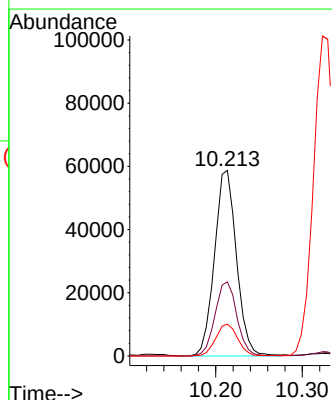
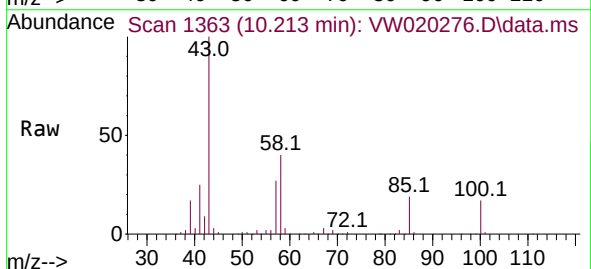
Instrument :
MSVOA_W
ClientSampled :

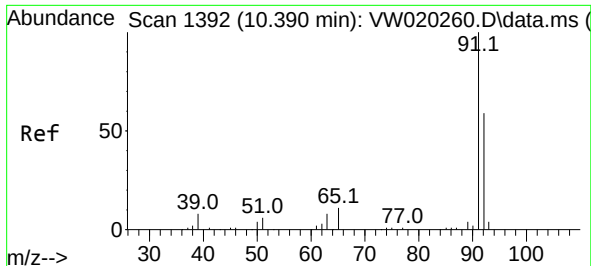
Tgt Ion: 75 Resp: 102042
Ion Ratio Lower Upper
75 100
77 31.2 23.0 42.6



#40
4-Methyl-2-pentanone
Concen: 114.381 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

Tgt Ion: 43 Resp: 103607
Ion Ratio Lower Upper
43 100
58 39.6 31.3 46.9
100 17.2 13.3 19.9





#42

Toluene

Concen: 42.705 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW020276.D

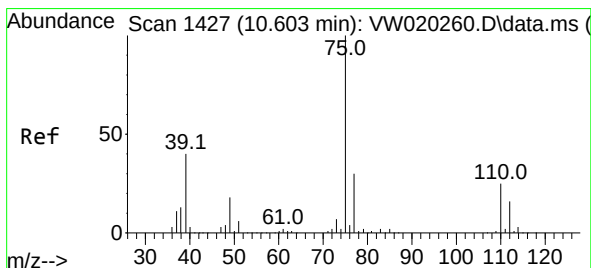
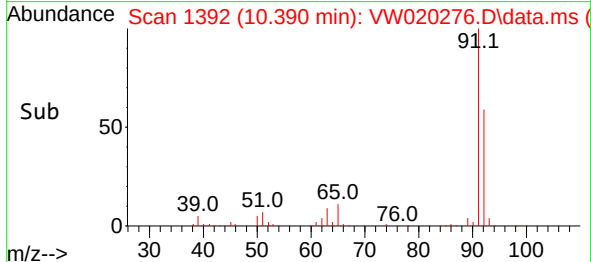
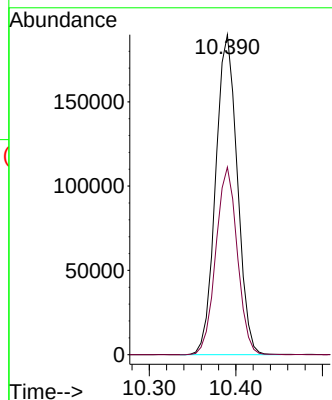
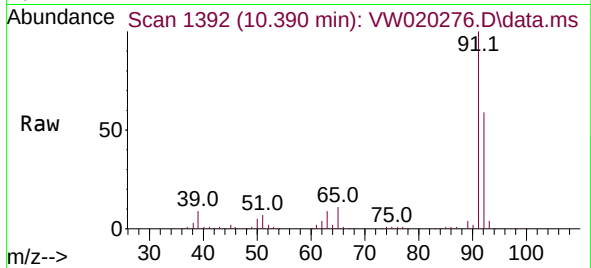
Acq: 30 Sep 2021 17:41

Tgt Ion: 91 Resp: 329446

Ion Ratio Lower Upper

91 100

92 58.6 42.2 78.4



#44

trans-1,3-Dichloropropene

Concen: 41.026 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW020276.D

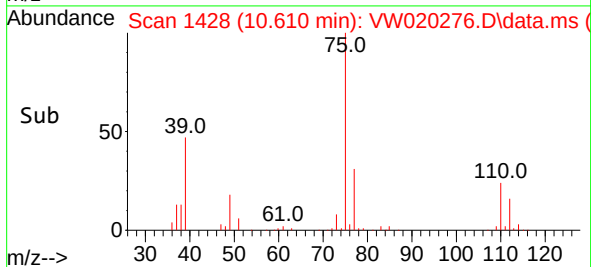
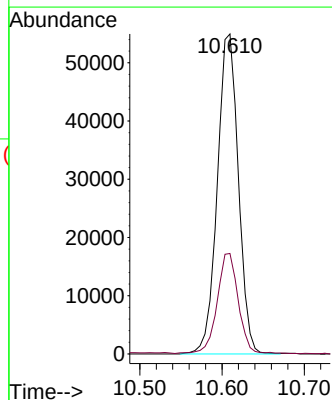
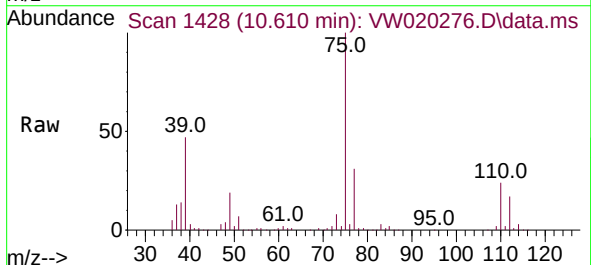
Acq: 30 Sep 2021 17:41

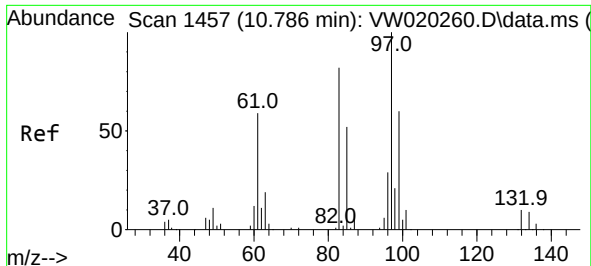
Tgt Ion: 75 Resp: 97755

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8

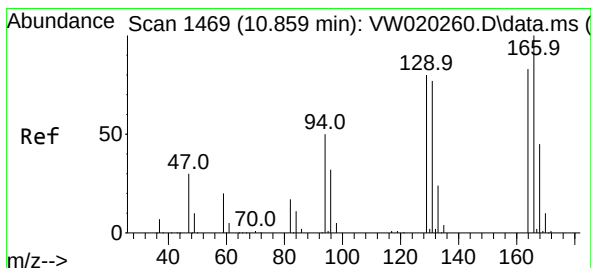
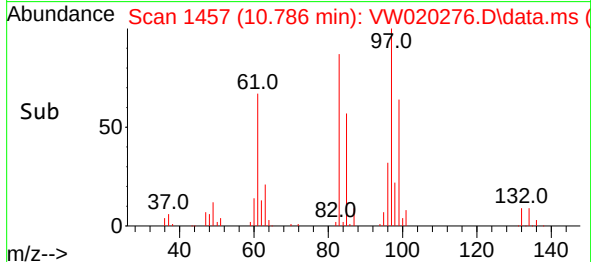
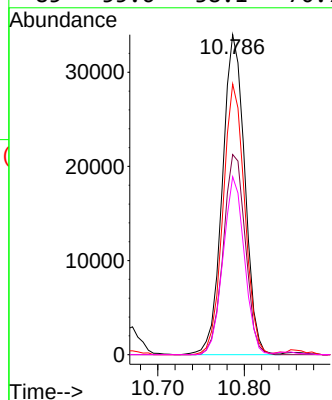
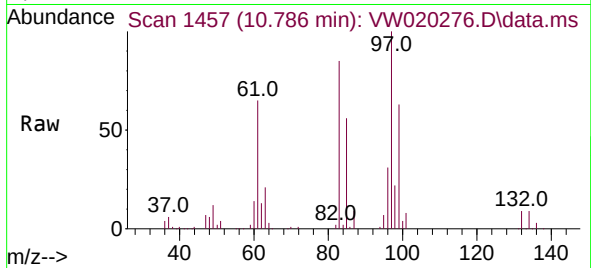




#45
1,1,2-Trichloroethane
Concen: 46.306 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

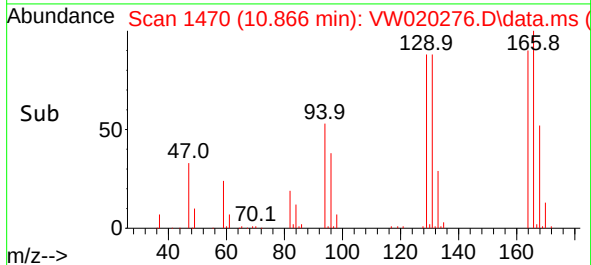
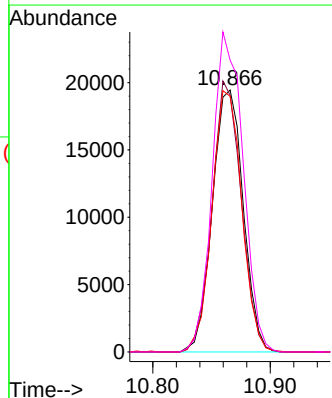
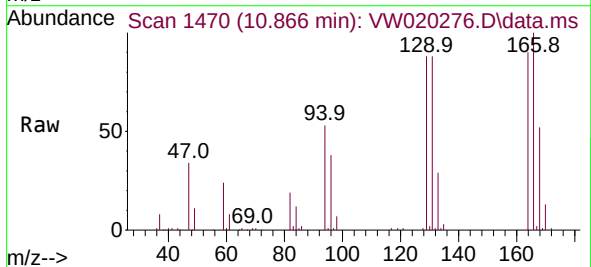
Instrument :
MSVOA_W
ClientSampled :

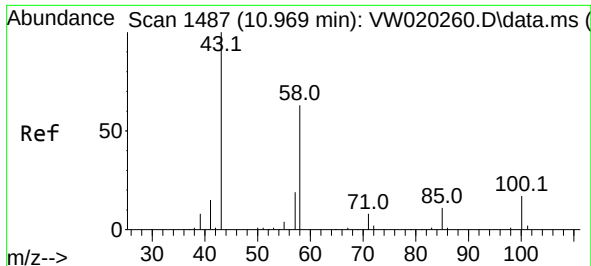
Tgt Ion:	97	Resp:	61067
Ion	Ratio	Lower	Upper
97	100		
99	62.6	42.0	78.0
83	84.6	58.7	108.9
85	55.6	38.1	70.7



#46
Tetrachloroethene
Concen: 23.559 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

Tgt Ion:	164	Resp:	35396
Ion	Ratio	Lower	Upper
164	100		
129	98.0	69.5	129.1
131	97.6	66.5	123.5
166	111.4	89.1	165.5

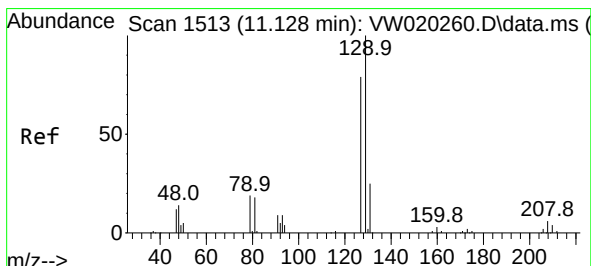
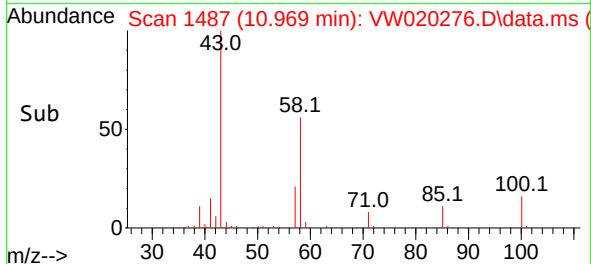
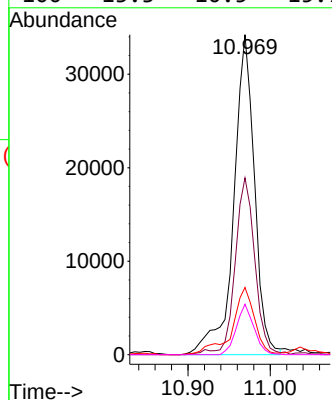
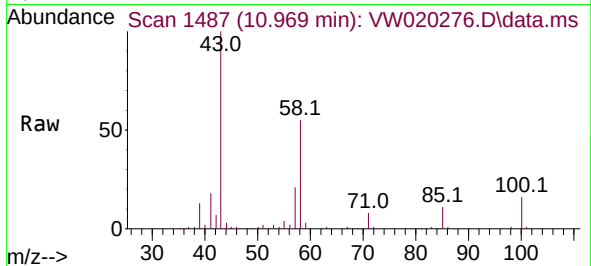




#48
2-Hexanone
Concen: 95.634 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

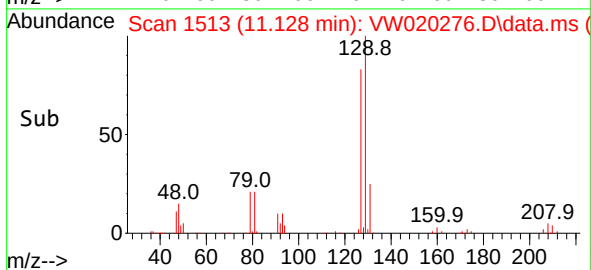
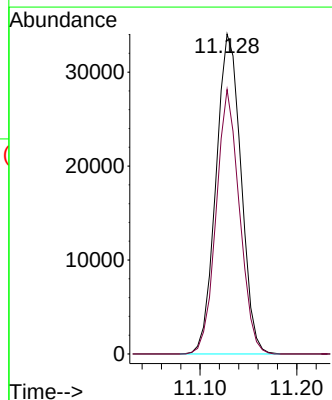
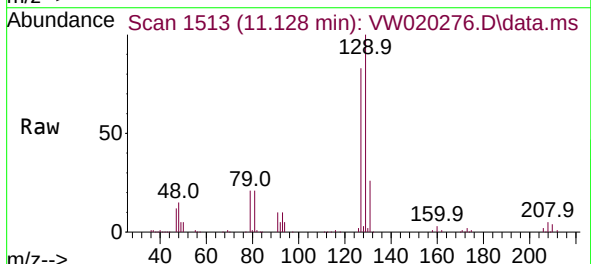
Instrument :
MSVOA_W
ClientSampleId :

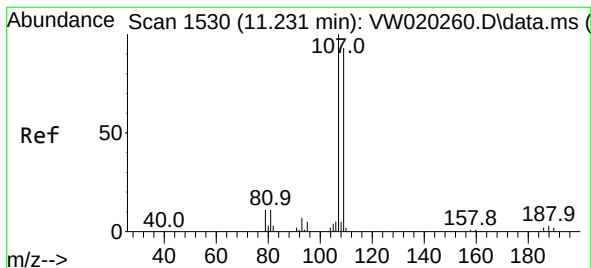
Tgt Ion:	43	Resp:	60343
Ion Ratio	Lower	Upper	
43	100		
58	51.4	43.8	65.6
57	19.7	15.6	23.4
100	13.3	10.5	15.7



#49
Dibromochloromethane
Concen: 39.642 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

Tgt Ion:	129	Resp:	61088
Ion Ratio	Lower	Upper	
129	100		
127	82.6	57.0	105.8

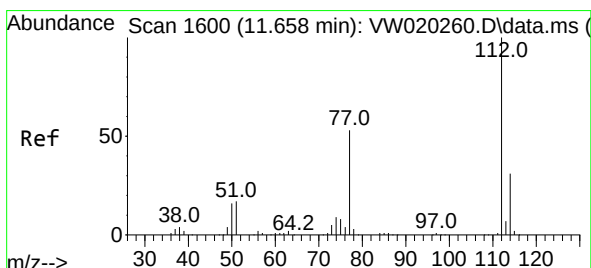
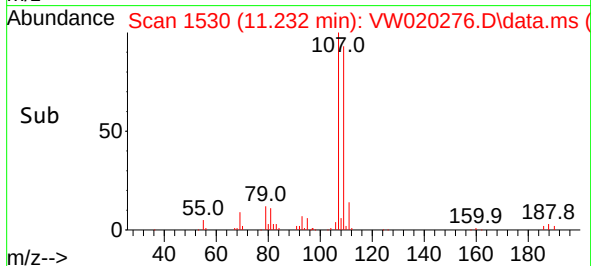
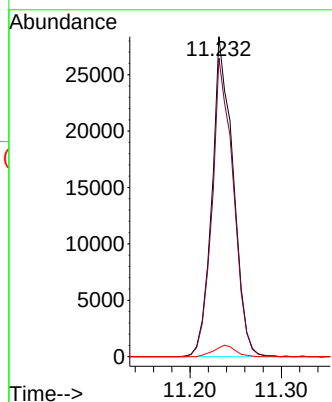
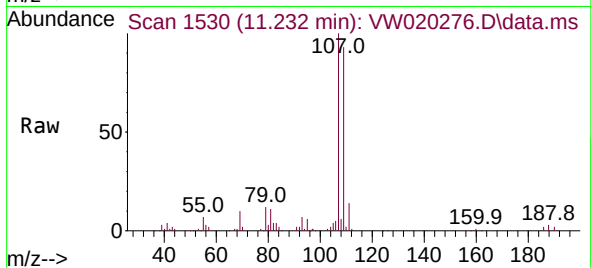




#50
1,2-Dibromoethane
Concen: 36.657 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

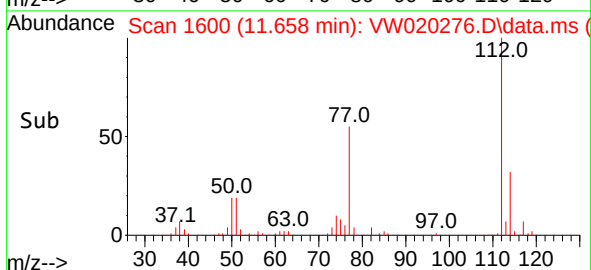
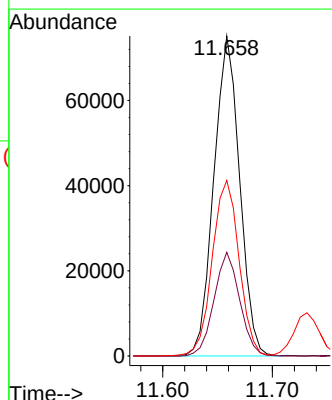
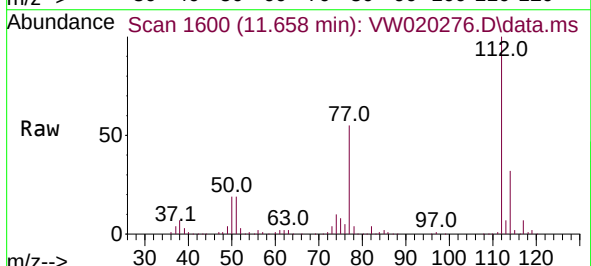
Instrument :
MSVOA_W
ClientSampled :

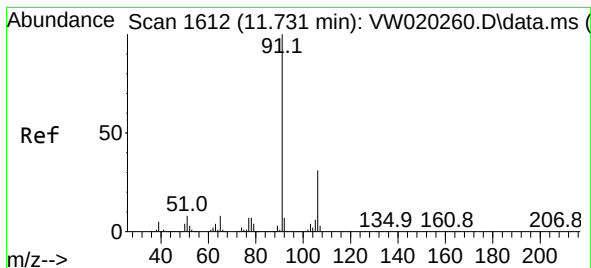
Tgt Ion:107 Resp: 45495
Ion Ratio Lower Upper
107 100
109 93.3 64.1 119.1
188 2.8 3.0 4.4#



#51
Chlorobenzene
Concen: 24.463 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

Tgt Ion:112 Resp: 122741
Ion Ratio Lower Upper
112 100
114 32.4 21.9 40.7
77 54.8 48.0 72.0

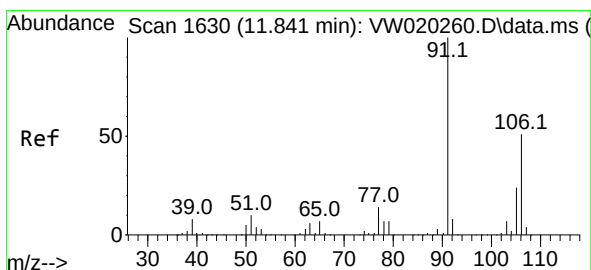
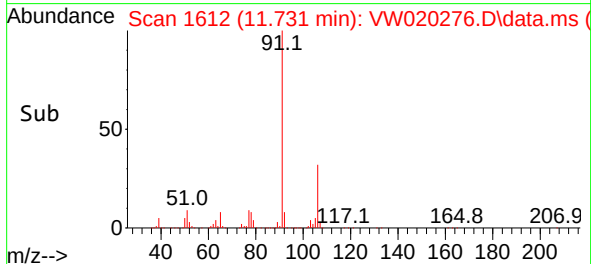
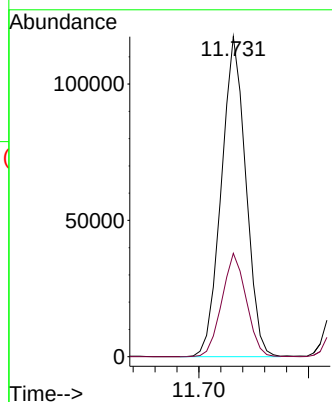
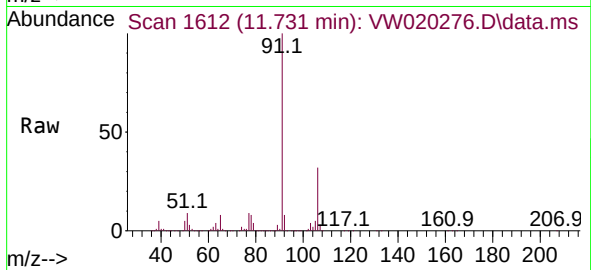




#52
Ethylbenzene
Concen: 21.415 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

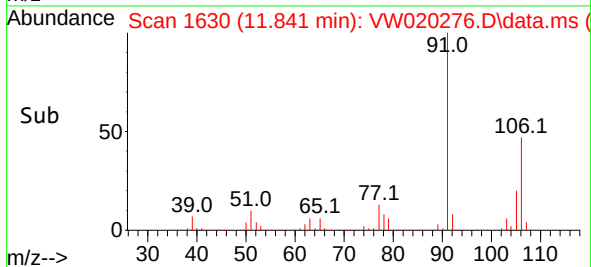
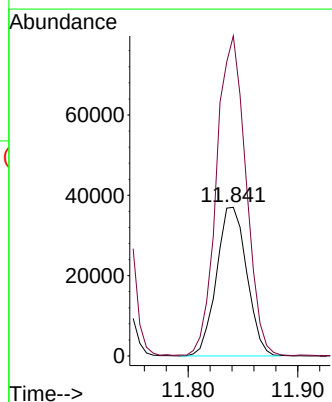
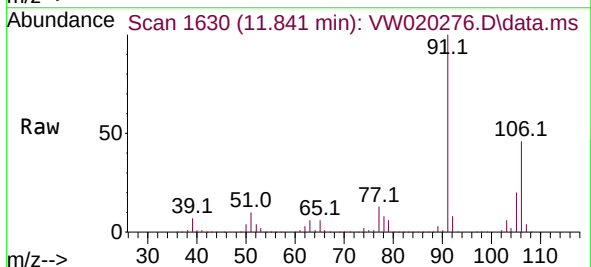
Instrument :
MSVOA_W
ClientSampled :

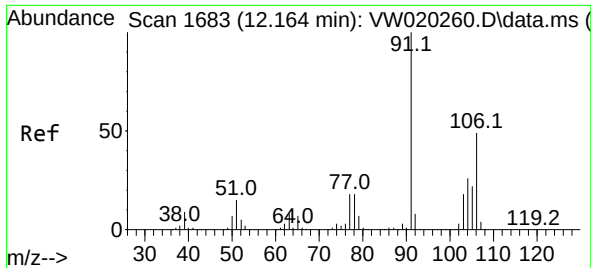
Tgt Ion: 91 Resp: 181964
Ion Ratio Lower Upper
91 100
106 32.3 22.0 40.8



#53
m,p-Xylene
Concen: 21.934 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

Tgt Ion:106 Resp: 71053
Ion Ratio Lower Upper
106 100
91 215.2 146.4 271.8

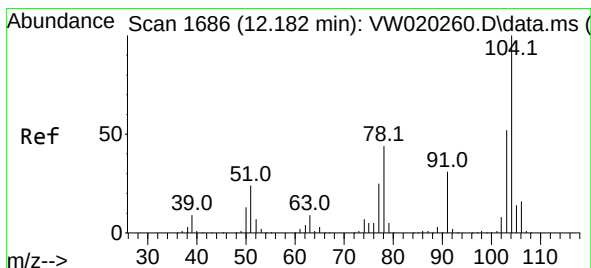
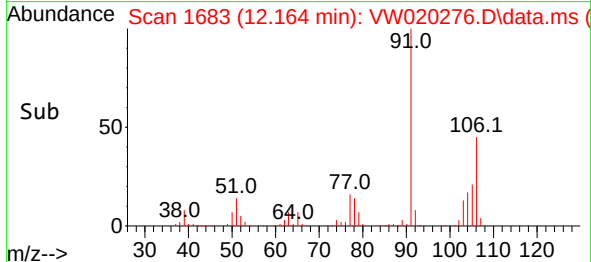
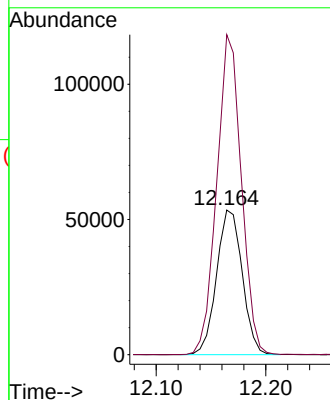
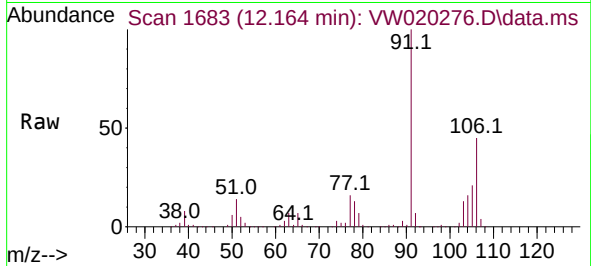




#54
o-Xylene
Concen: 29.079 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

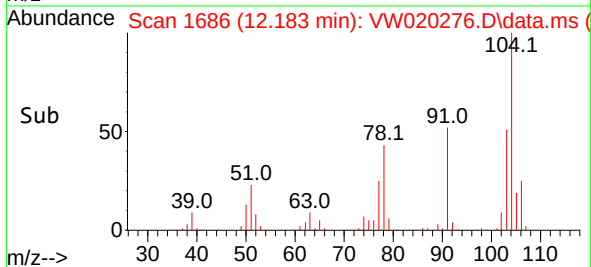
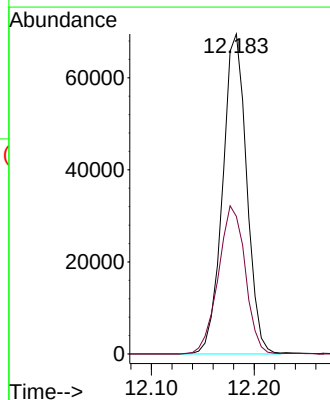
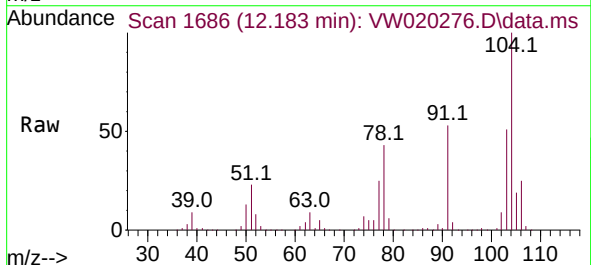
Instrument :
MSVOA_W
ClientSampleId :

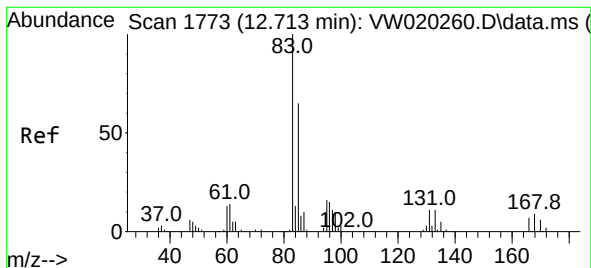
Tgt Ion:106 Resp: 87136
Ion Ratio Lower Upper
106 100
91 221.1 154.3 286.7



#55
Styrene
Concen: 21.655 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

Tgt Ion:104 Resp: 112757
Ion Ratio Lower Upper
104 100
78 43.0 32.7 60.7

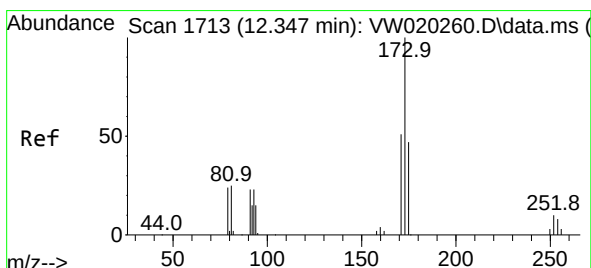
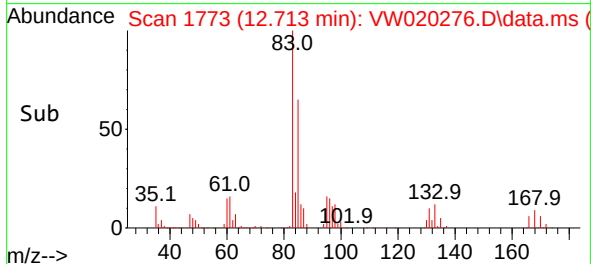
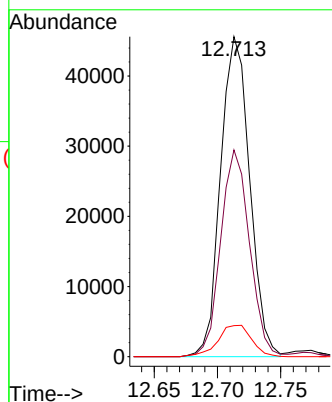
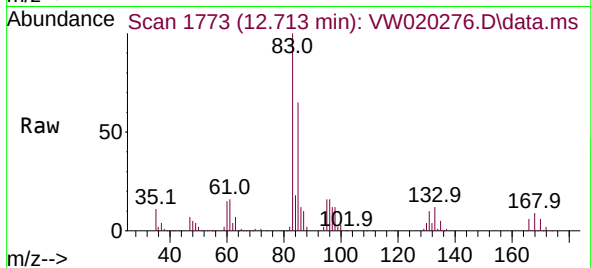




#57
1,1,2,2-Tetrachloroethane
Concen: 46.355 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

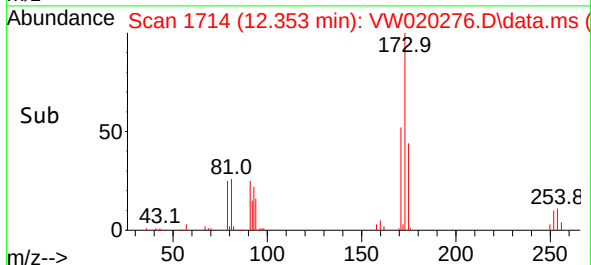
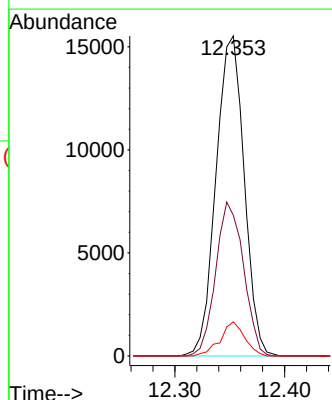
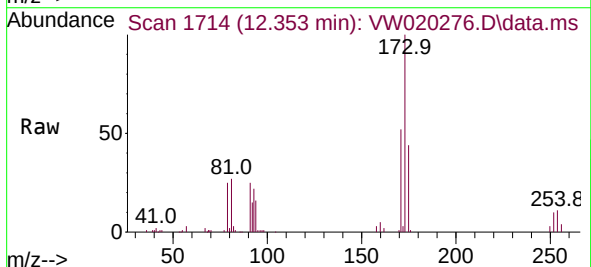
Instrument :
MSVOA_W
ClientSampled :

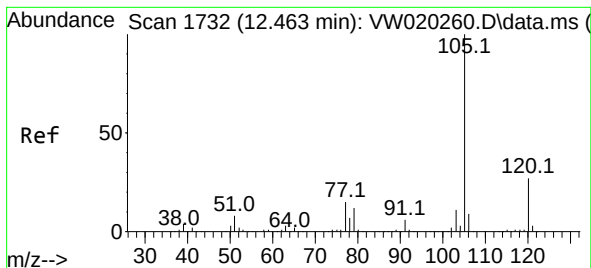
Tgt Ion: 83 Resp: 73016
Ion Ratio Lower Upper
83 100
85 64.6 43.3 80.5
131 9.7 7.9 11.9



#59
Bromoform
Concen: 85.058 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

Tgt Ion:173 Resp: 27724
Ion Ratio Lower Upper
173 100
175 47.4 39.2 58.8
254 9.3 6.6 10.0

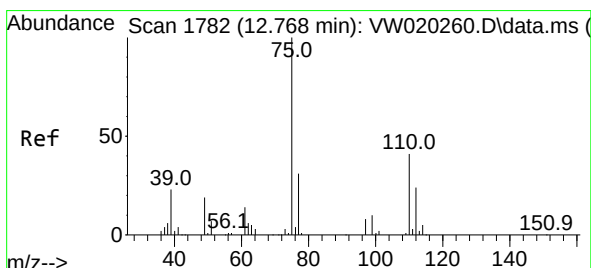
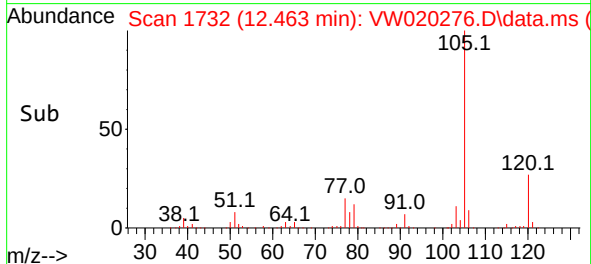
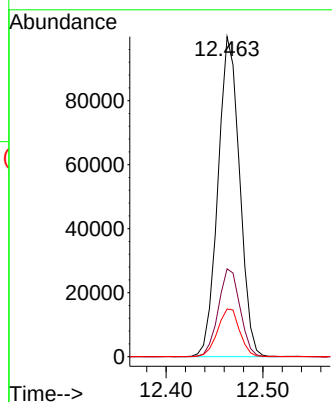
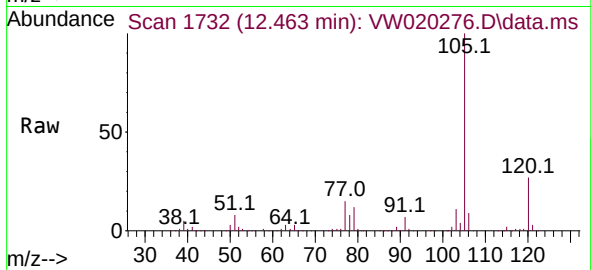




#60
Isopropylbenzene
Concen: 48.429 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

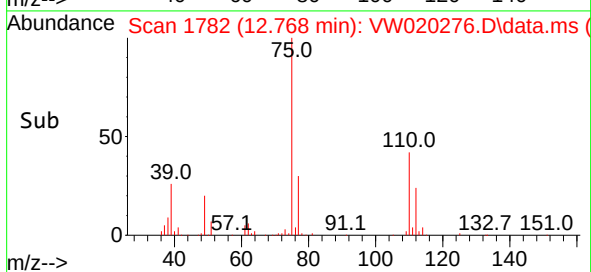
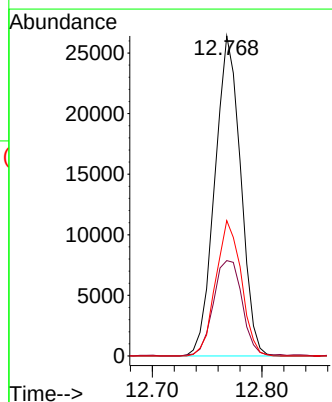
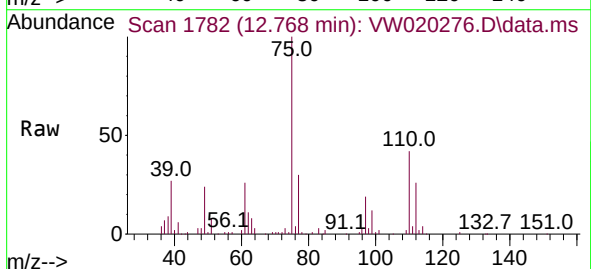
Instrument :
MSVOA_W
ClientSampleId :

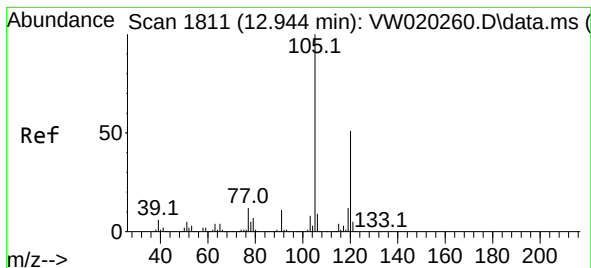
Tgt Ion:105 Resp: 155234
Ion Ratio Lower Upper
105 100
120 27.5 20.9 31.3
77 15.2 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 95.881 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

Tgt Ion: 75 Resp: 43281
Ion Ratio Lower Upper
75 100
77 33.1 26.3 39.5
110 41.7 30.2 45.2

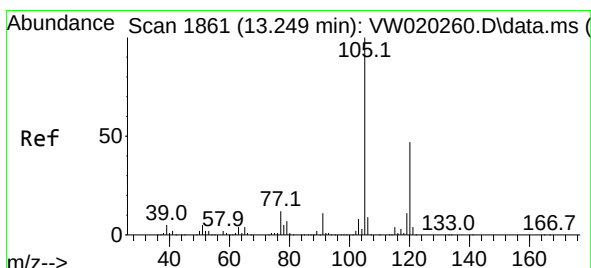
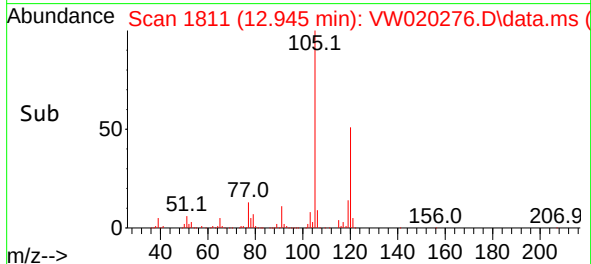
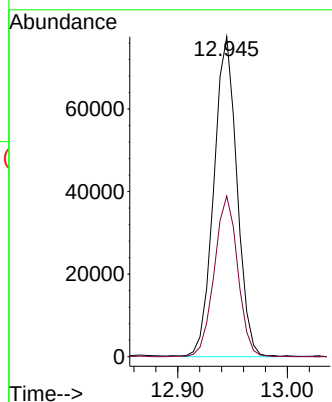
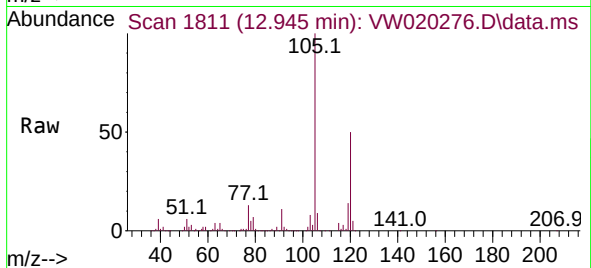




#62
1,3,5-Trimethylbenzene
Concen: 43.214 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

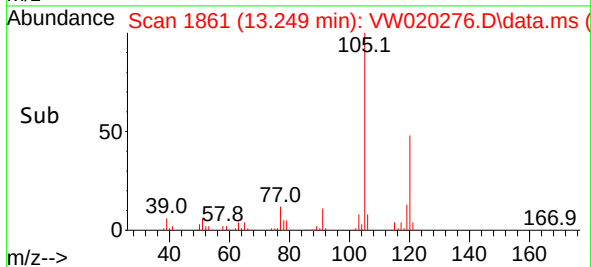
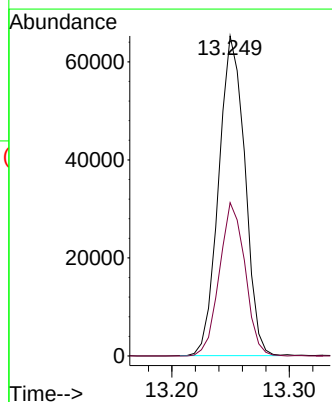
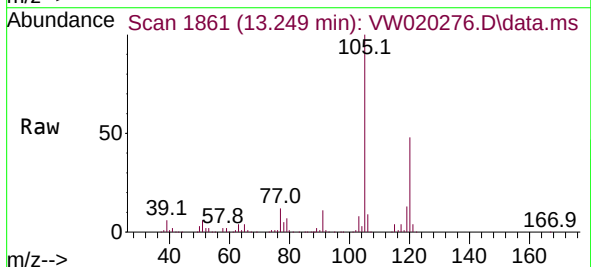
Instrument :
MSVOA_W
ClientSampled :

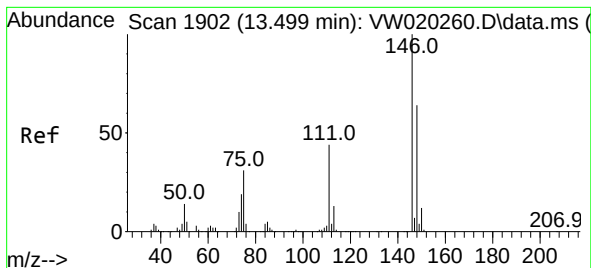
Tgt Ion:105 Resp: 113680
Ion Ratio Lower Upper
105 100
120 50.7 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 39.094 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

Tgt Ion:105 Resp: 101025
Ion Ratio Lower Upper
105 100
120 46.8 36.2 54.4

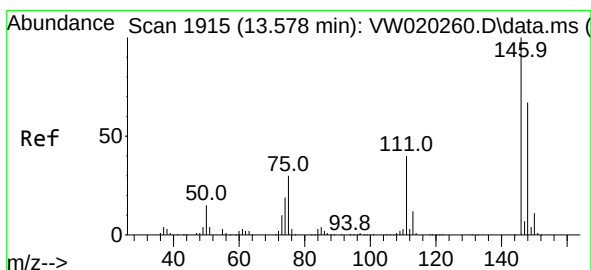
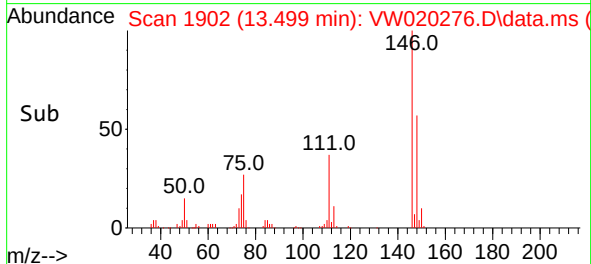
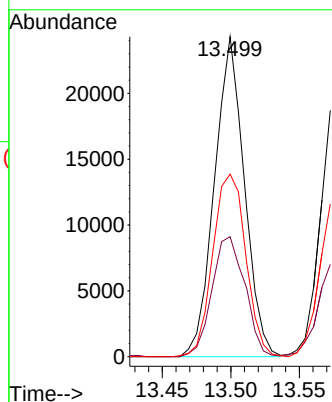
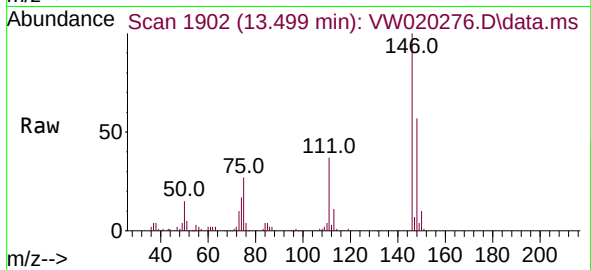




#64
1,3-Dichlorobenzene
Concen: 25.071 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

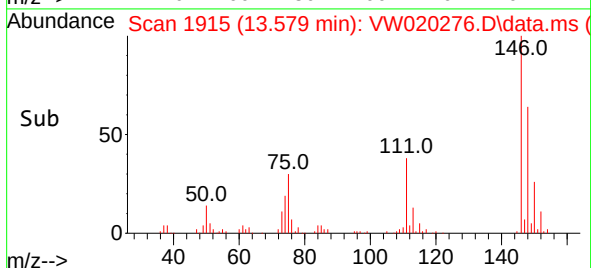
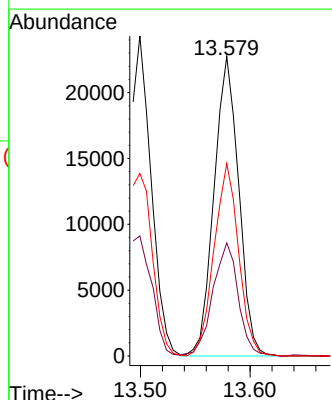
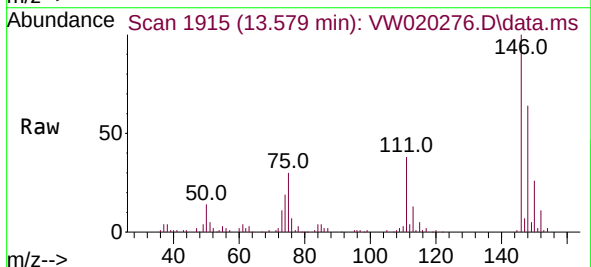
Instrument :
MSVOA_W
ClientSampleId :

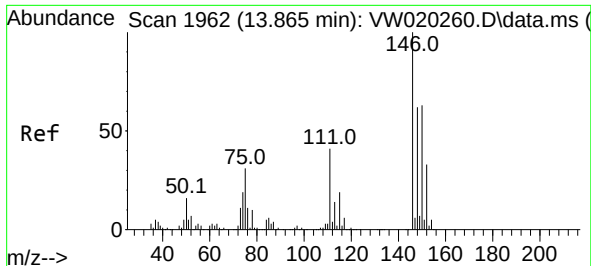
Tgt Ion:146 Resp: 36855
Ion Ratio Lower Upper
146 100
111 37.5 28.3 52.5
148 57.0 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 23.435 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

Tgt Ion:146 Resp: 35601
Ion Ratio Lower Upper
146 100
111 37.8 29.6 55.0
148 64.3 45.3 84.1

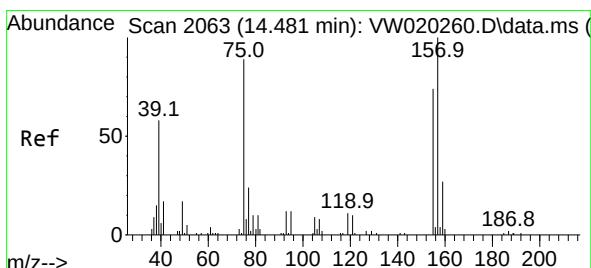
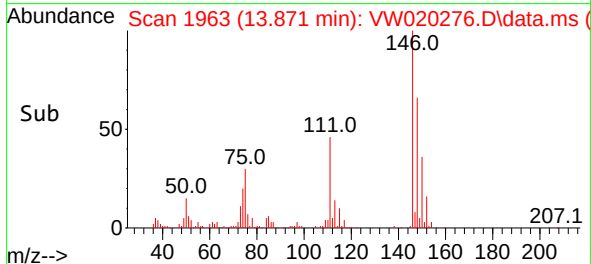
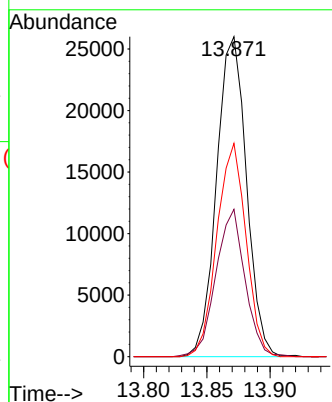
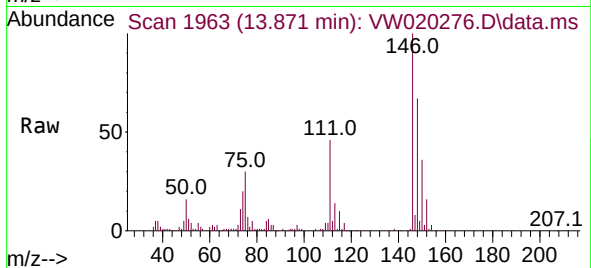




#67
1,2-Dichlorobenzene
Concen: 31.902 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

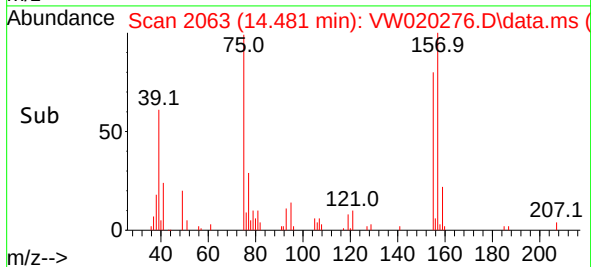
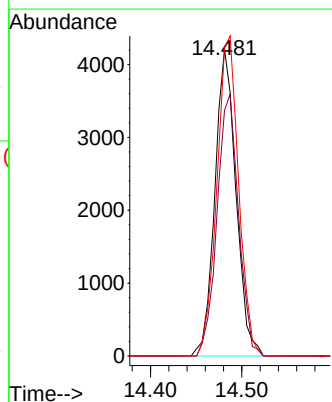
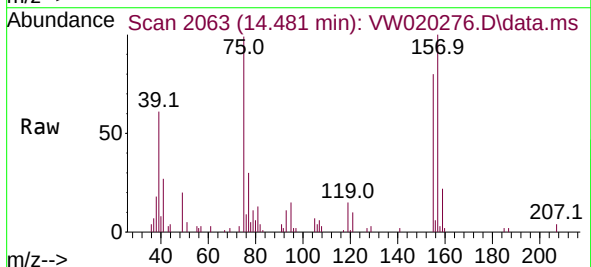
Instrument :
MSVOA_W
ClientSampled :

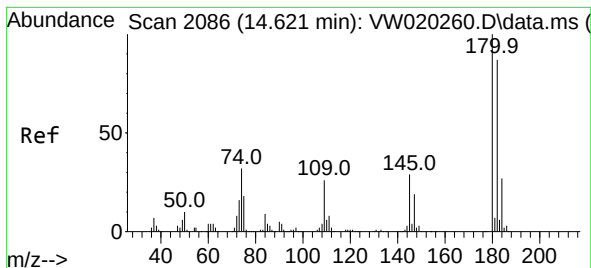
Tgt Ion:146 Resp: 42711
Ion Ratio Lower Upper
146 100
111 46.0 34.7 52.1
148 66.6 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 66.495 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

Tgt Ion: 75 Resp: 6738
Ion Ratio Lower Upper
75 100
155 80.2 58.5 87.7
157 100.6 77.4 116.0





#69

1,3,5-Trichlorobenzene

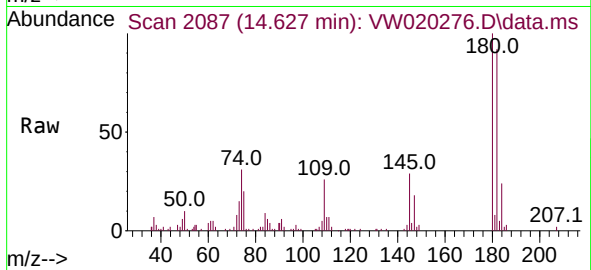
Concen: 17.077 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.006 min

Lab File: VW020276.D

Acq: 30 Sep 2021 17:41



Tgt Ion:180 Resp: 17363

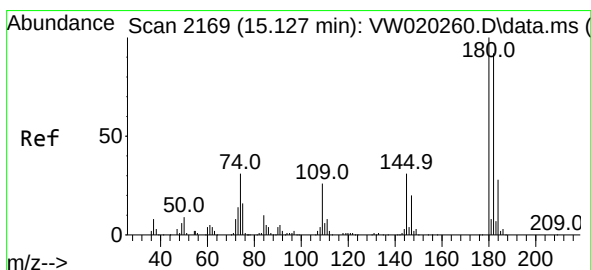
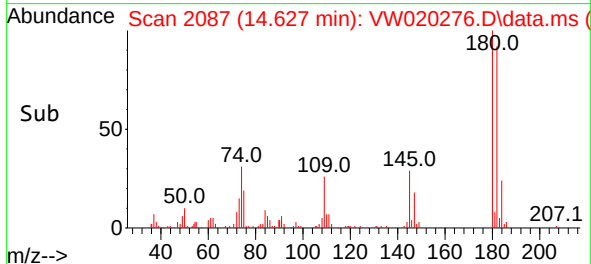
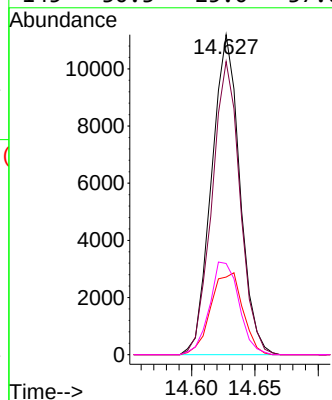
Ion Ratio Lower Upper

180 100

182 90.9 75.2 112.8

184 29.0 24.3 36.5

145 30.3 25.0 37.6



#70

1,2,4-trichlorobenzene

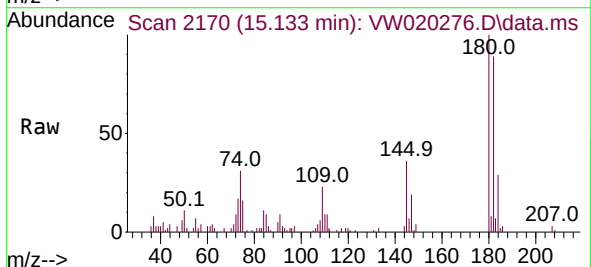
Concen: 12.158 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW020276.D

Acq: 30 Sep 2021 17:41



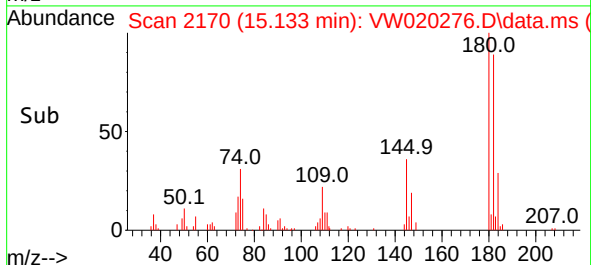
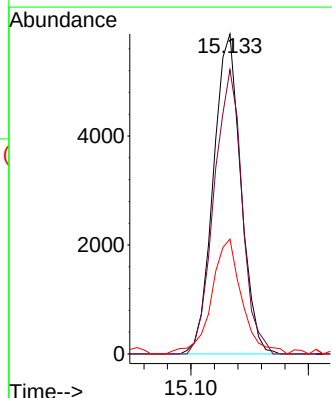
Tgt Ion:180 Resp: 9540

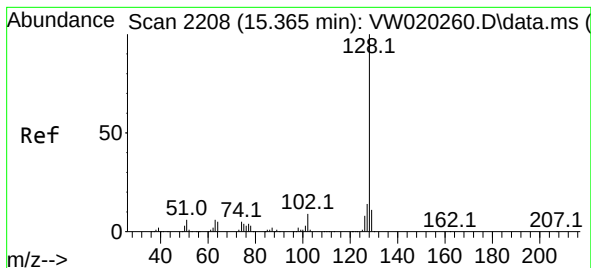
Ion Ratio Lower Upper

180 100

182 90.6 70.6 106.0

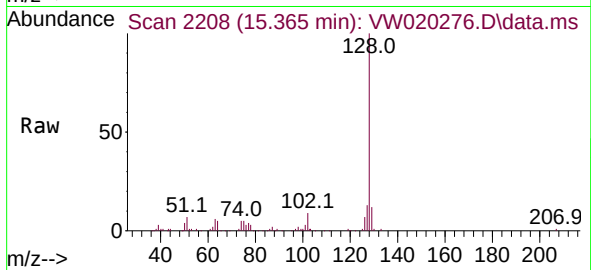
145 39.5 25.7 38.5#



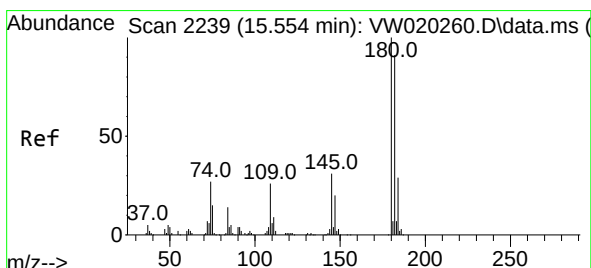
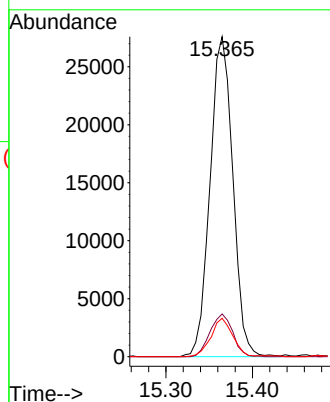
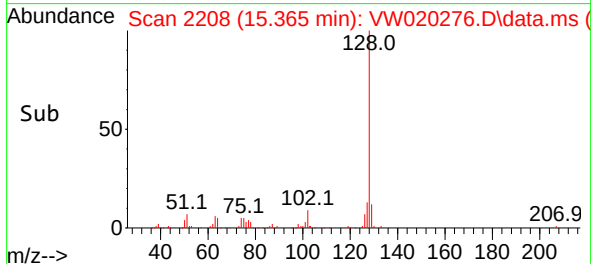


#71
Naphthalene
Concen: 36.490 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41

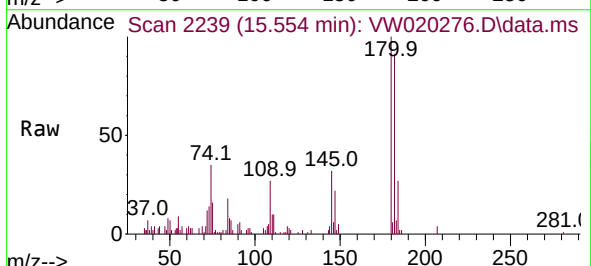
Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:128 Resp: 50499
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.4 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 14.405 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020276.D
Acq: 30 Sep 2021 17:41



Tgt Ion:180 Resp: 10178
Ion Ratio Lower Upper
180 100
182 92.0 75.7 113.5
145 38.2 28.2 42.4

