

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112124\
 Data File : VW031091.D
 Acq On : 21 Nov 2024 18:57
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 9.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 22 00:11:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 22 00:06:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	377278	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	357911	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	187282	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	120090	26.110	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.440%	
7) Chloroethane-d5	2.899	69	94441	26.016	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.080%	
11) 1,1-Dichloroethene-d2	4.021	65	54601	24.026	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 96.120%	
21) 2-Butanone-d5	7.075	46	58651	55.384	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 110.760%	
24) Chloroform-d	7.648	84	270091	26.354	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.400%	
26) 1,2-Dichloroethane-d4	8.301	65	138203	27.600	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 110.400%	
32) Benzene-d6	8.270	84	537209	26.504	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 106.000%	
36) 1,2-Dichloropropane-d6	9.270	67	158686	26.551	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 106.200%	
41) Toluene-d8	10.319	98	491894	26.639	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.560%	
43) trans-1,3-Dichloroprop...	10.575	79	66335	26.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 106.640%	
47) 2-Hexanone-d5	10.922	63	47860	55.719	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 111.440%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	126359	27.759	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 111.040%	
66) 1,2-Dichlorobenzene-d4	13.848	152	161390	24.657	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 98.640%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	101027	22.587	ug/L	91
3) Chloromethane	2.223	50	125641	22.849	ug/L	100
5) Vinyl chloride	2.375	62	144410	25.469	ug/L	99
6) Bromomethane	2.796	94	99254	25.069	ug/L	96
8) Chloroethane	2.936	64	88522	26.029	ug/L	95
9) Trichlorofluoromethane	3.271	101	158706	20.236	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	127615	24.049	ug/L	99
12) 1,1-Dichloroethene	4.045	96	119173	23.051	ug/L	95
13) Acetone	4.119	43	64824	41.239	ug/L	100
14) Carbon disulfide	4.387	76	406391	24.251	ug/L	99
15) Methyl Acetate	4.667	43	53665	26.302	ug/L	98
16) Methylene chloride	4.923	84	137778	25.509	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	141077	25.156	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	212654	26.314	ug/L	99
19) 1,1-Dichloroethane	6.222	63	249591	25.397	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	148186	25.044	ug/L	99
22) 2-Butanone	7.167	43	76825	45.195	ug/L	99
23) Bromochloromethane	7.520	128	69223	26.110	ug/L	89
25) Chloroform	7.679	83	263721	25.672	ug/L	96

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 Quant Title : SFAM01.0
 QLast Update : Fri Nov 22 00:06:47 2024
 Response via : Initial Calibration

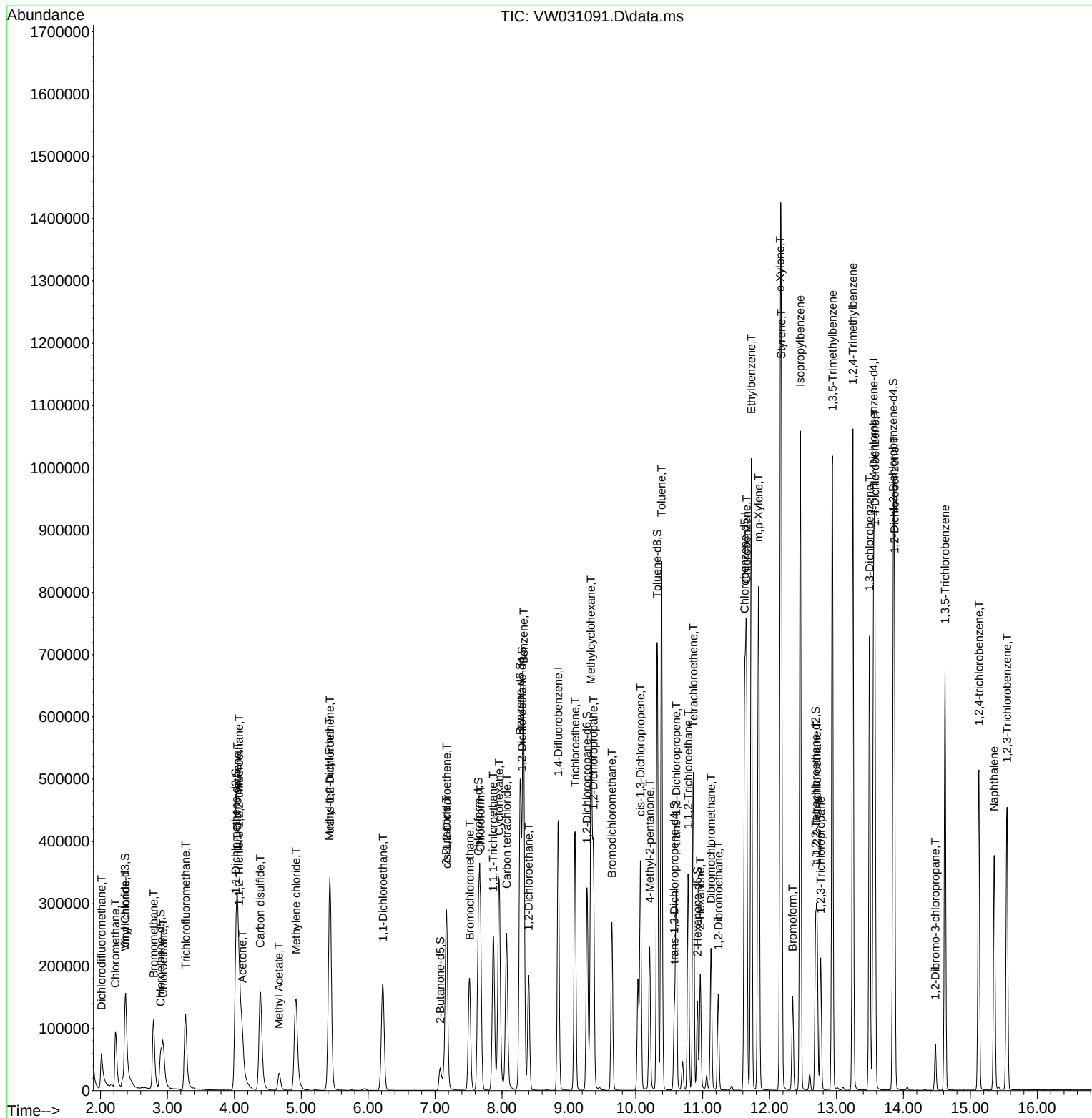
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	166223	27.152	ug/L	98
29) Cyclohexane	7.959	56	198248	23.681	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	207924	23.950	ug/L	98
31) Carbon tetrachloride	8.069	117	190524	24.134	ug/L	100
33) Benzene	8.325	78	587493	25.644	ug/L	100
34) Trichloroethene	9.093	95	151198	24.363	ug/L	95
35) Methylcyclohexane	9.331	83	240963	24.162	ug/L	98
37) 1,2-Dichloropropane	9.368	63	147325	25.792	ug/L	100
38) Bromodichloromethane	9.642	83	186759	25.978	ug/L	91
39) cis-1,3-Dichloropropene	10.069	75	221041	25.676	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	150370	55.949	ug/L	100
42) Toluene	10.386	91	624991	25.832	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	184745	26.575	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	110153	26.512	ug/L	97
46) Tetrachloroethene	10.861	164	116425	23.460	ug/L	93
48) 2-Hexanone	10.965	43	112534	52.958	ug/L	98
49) Dibromochloromethane	11.123	129	123543	26.738	ug/L	99
50) 1,2-Dibromoethane	11.233	107	103795	26.252	ug/L	94
51) Chlorobenzene	11.654	112	392028	24.776	ug/L	98
52) Ethylbenzene	11.727	91	691758	25.501	ug/L	99
53) m,p-Xylene	11.837	106	272806	26.349	ug/L	97
54) o-Xylene	12.160	106	253312	26.033	ug/L	95
55) Styrene	12.178	104	444436	26.840	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	126647	27.329	ug/L	94
59) Bromoform	12.343	173	70894	25.294	ug/L	97
60) Isopropylbenzene	12.458	105	680197	24.928	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	90936	26.524	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	557276	25.891	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	537544	25.319	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	296532	23.828	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	313958	24.246	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	277843	24.906	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	19349	25.821	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	196591	23.110	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	174349	25.628	ug/L	97
71) Naphthalene	15.354	128	326903	28.421	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	158669	26.204	ug/L	96

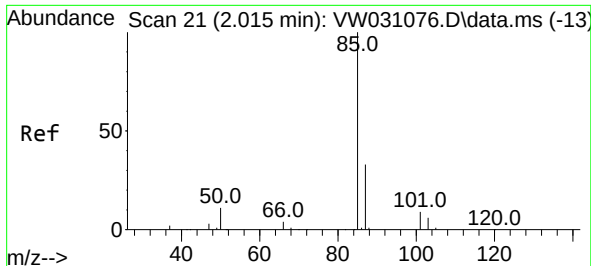
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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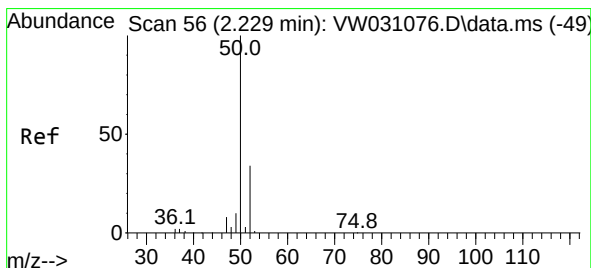
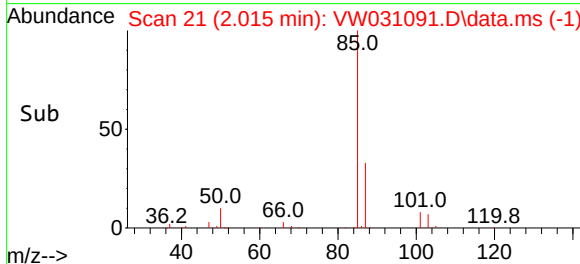
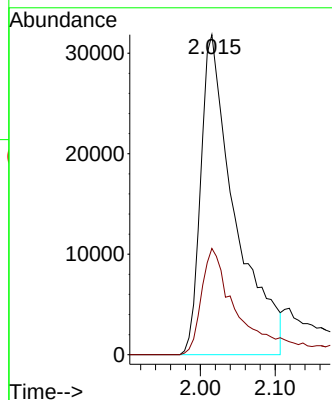
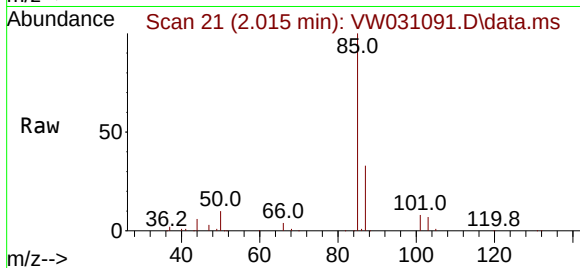




#2
Dichlorodifluoromethane
Concen: 22.587 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

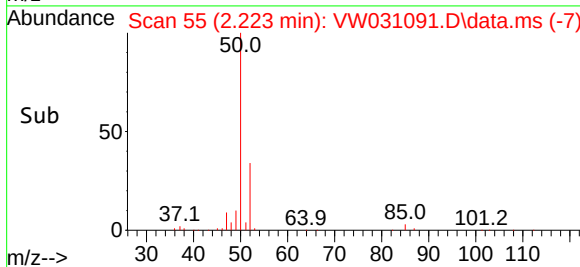
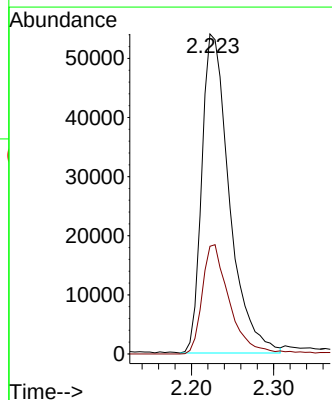
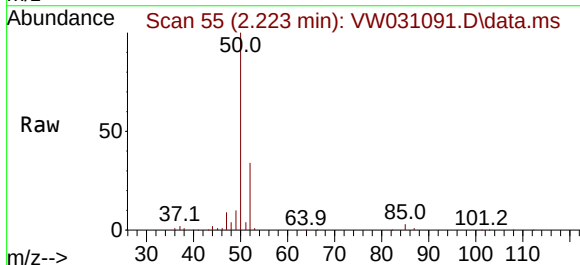
Instrument :
MSVOA_W
ClientSampleId :

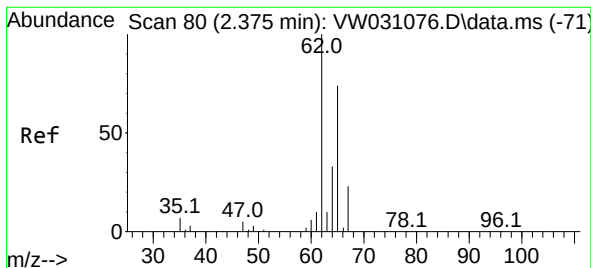
Tgt Ion: 85 Resp: 101027
Ion Ratio Lower Upper
85 100
87 34.7 23.8 35.6



#3
Chloromethane
Concen: 22.849 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

Tgt Ion: 50 Resp: 125641
Ion Ratio Lower Upper
50 100
52 33.6 23.4 43.6





#5

Vinyl chloride

Concen: 25.469 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW031091.D

Acq: 21 Nov 2024 18:57

Instrument :

MSVOA_W

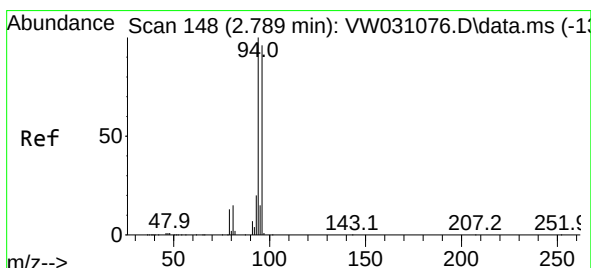
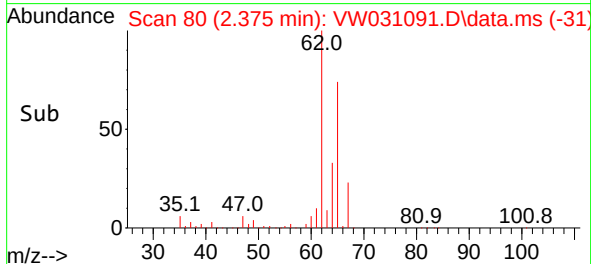
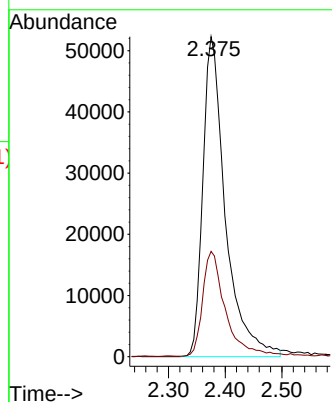
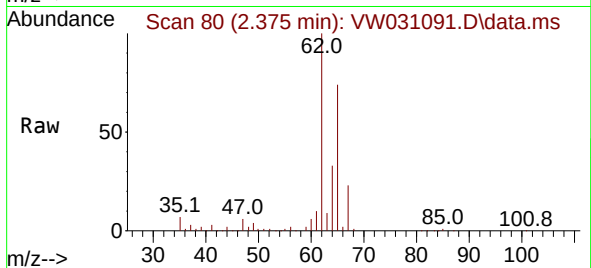
ClientSampleId :

Tgt Ion: 62 Resp: 144410

Ion Ratio Lower Upper

62 100

64 32.9 22.7 42.1



#6

Bromomethane

Concen: 25.069 ug/L

RT: 2.796 min Scan# 149

Delta R.T. 0.006 min

Lab File: VW031091.D

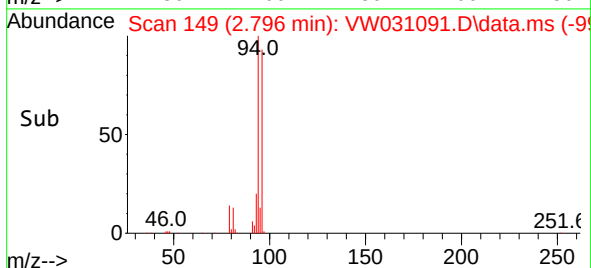
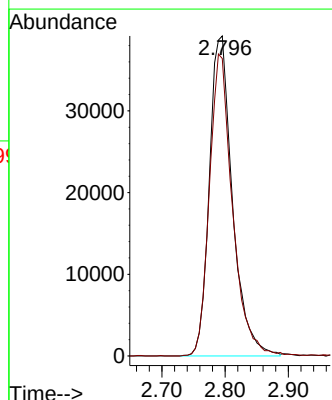
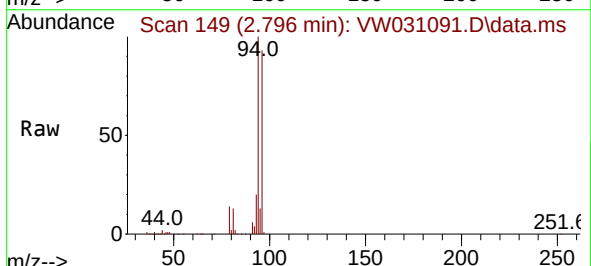
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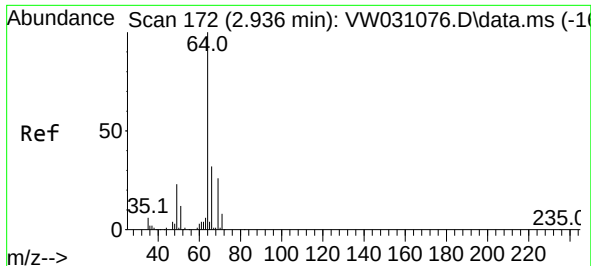
Tgt Ion: 94 Resp: 99254

Ion Ratio Lower Upper

94 100

96 93.0 62.6 116.3

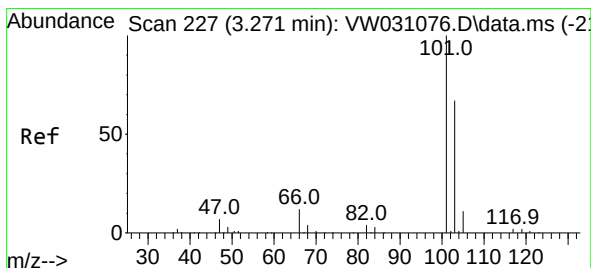
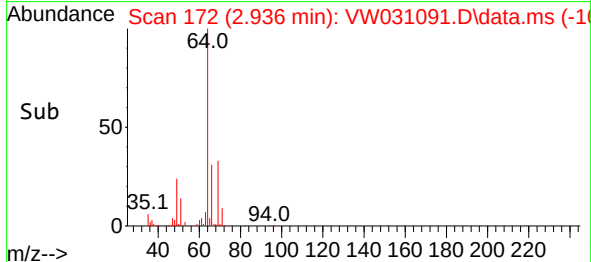
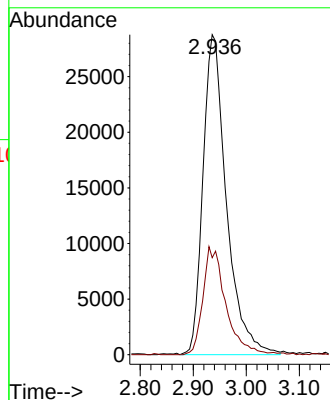
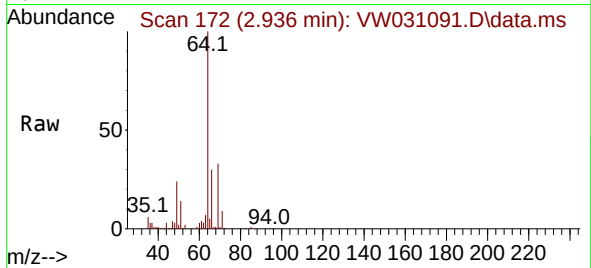




#8
Chloroethane
Concen: 26.029 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

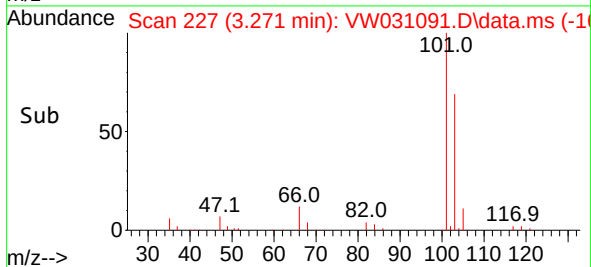
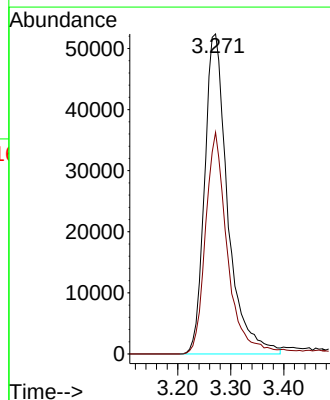
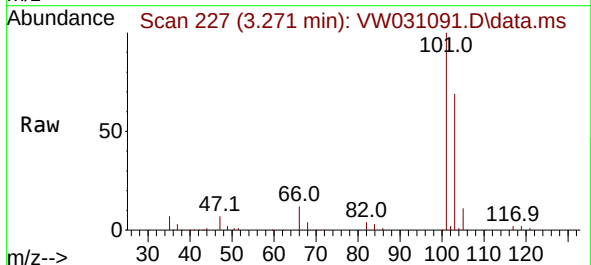
Instrument :
MSVOA_W
ClientSampleId :

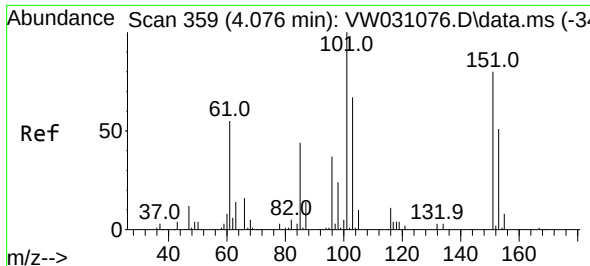
Tgt Ion: 64 Resp: 88522
Ion Ratio Lower Upper
64 100
66 30.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 20.236 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

Tgt Ion:101 Resp: 158706
Ion Ratio Lower Upper
101 100
103 64.5 50.7 76.1

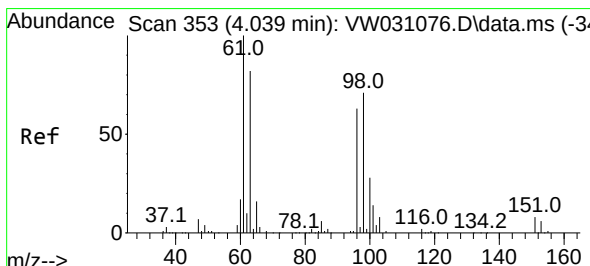
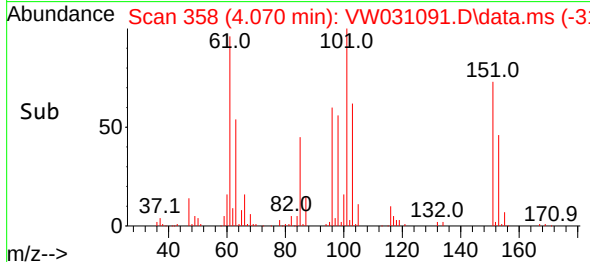
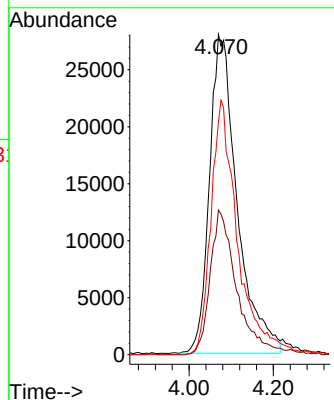
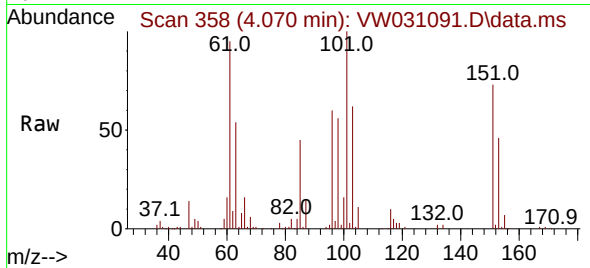




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.049 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW031091.D
 Acq: 21 Nov 2024 18:57

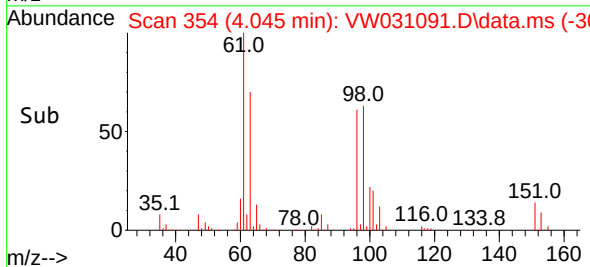
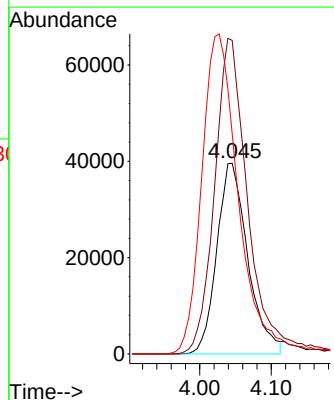
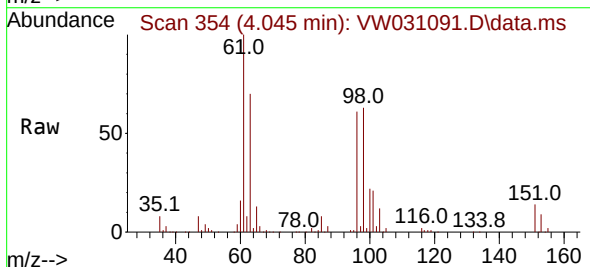
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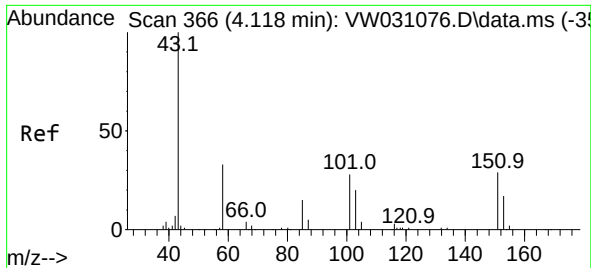
Tgt Ion:101 Resp: 127615
 Ion Ratio Lower Upper
 101 100
 85 42.9 33.9 50.9
 151 76.5 61.8 92.6



#12
 1,1-Dichloroethene
 Concen: 23.051 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW031091.D
 Acq: 21 Nov 2024 18:57

Tgt Ion: 96 Resp: 119173
 Ion Ratio Lower Upper
 96 100
 61 164.5 113.5 210.9
 63 115.6 73.8 137.2





#13

Acetone

Concen: 41.239 ug/L

RT: 4.119 min Scan# 30

Delta R.T. 0.000 min

Lab File: VW031091.D

Acq: 21 Nov 2024 18:57

Instrument :

MSVOA_W

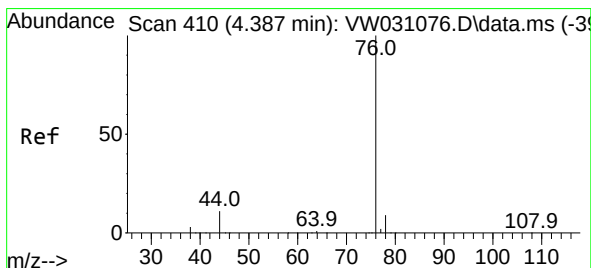
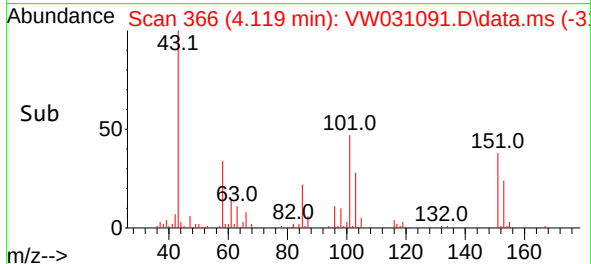
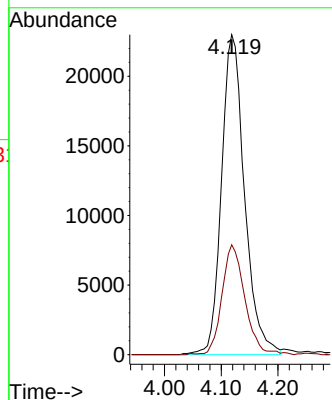
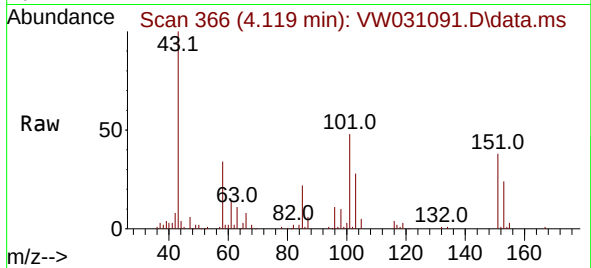
ClientSampleId :

Tgt Ion: 43 Resp: 64824

Ion Ratio Lower Upper

43 100

58 33.6 0.0 67.2



#14

Carbon disulfide

Concen: 24.251 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

Lab File: VW031091.D

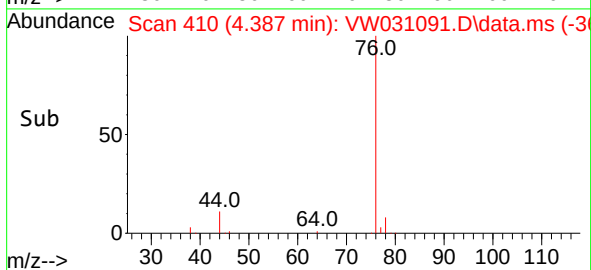
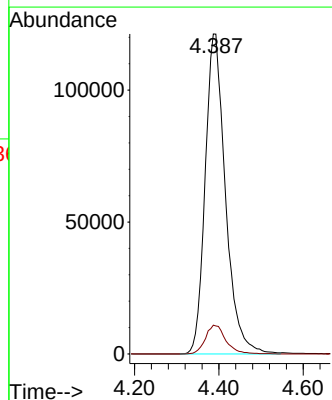
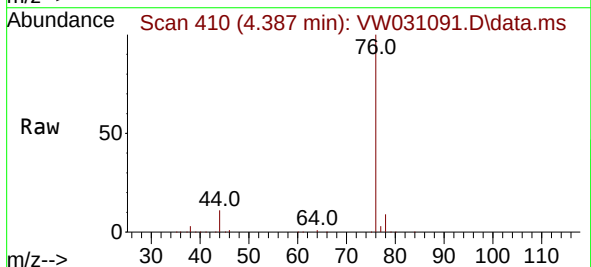
Acq: 21 Nov 2024 18:57

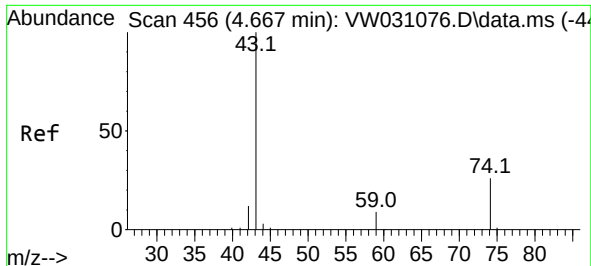
Tgt Ion: 76 Resp: 406391

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

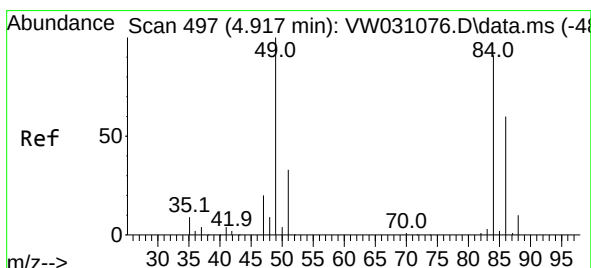
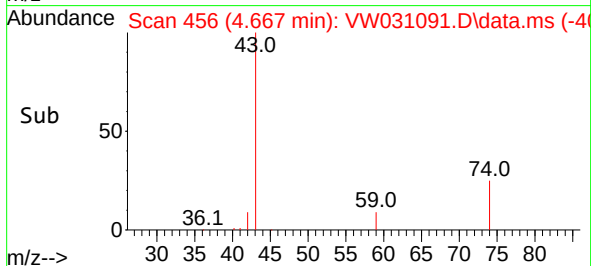
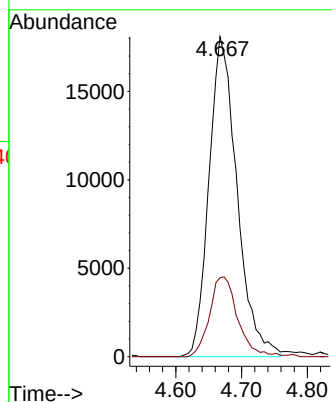
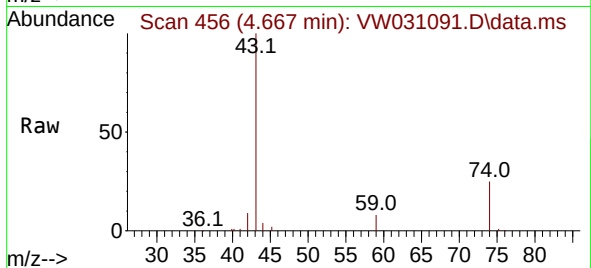




#15
Methyl Acetate
Concen: 26.302 ug/L
RT: 4.667 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

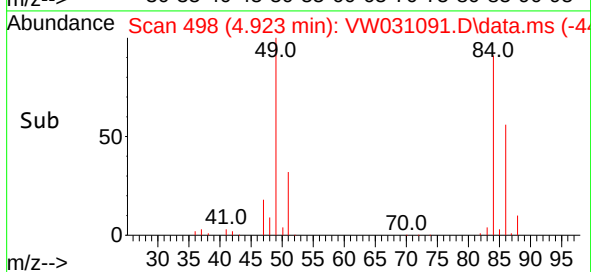
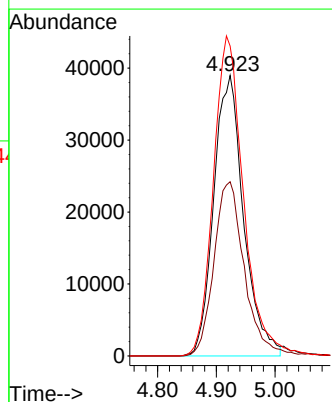
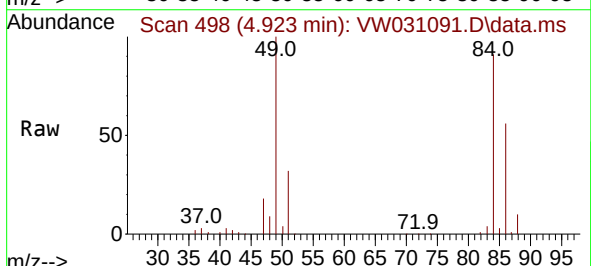
Instrument :
MSVOA_W
ClientSampleId :

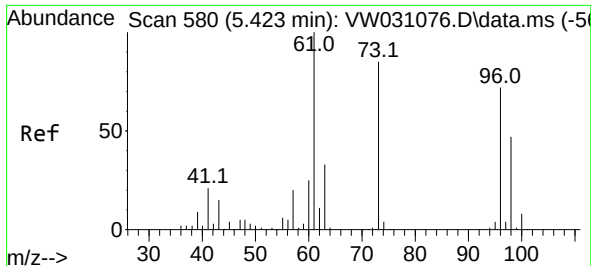
Tgt Ion: 43 Resp: 53665
Ion Ratio Lower Upper
43 100
74 24.8 20.8 31.2



#16
Methylene chloride
Concen: 25.509 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

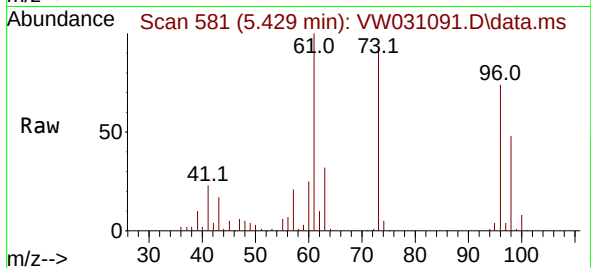
Tgt Ion: 84 Resp: 137778
Ion Ratio Lower Upper
84 100
86 62.1 44.9 83.5
49 110.5 79.9 148.5



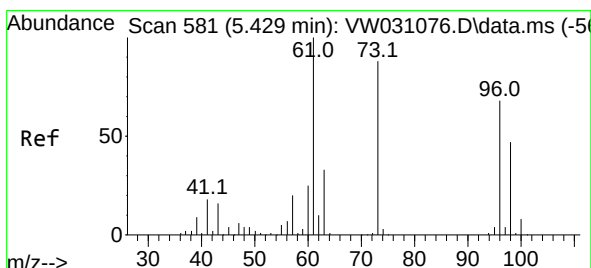
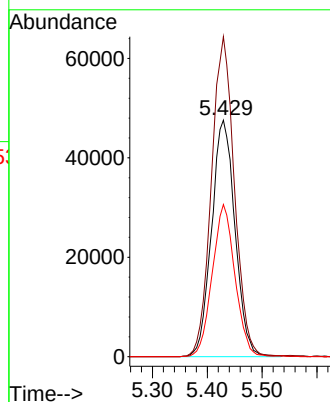
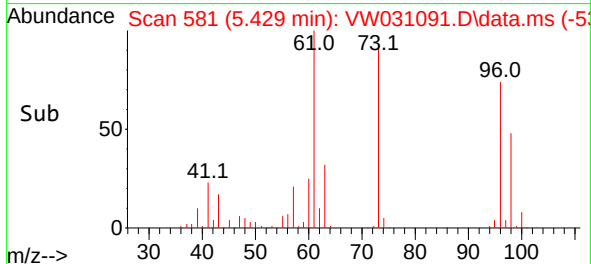


#17
trans-1,2-Dichloroethene
Concen: 25.156 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

Instrument :
MSVOA_W
ClientSampleId :

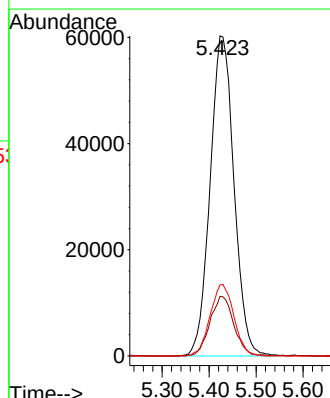
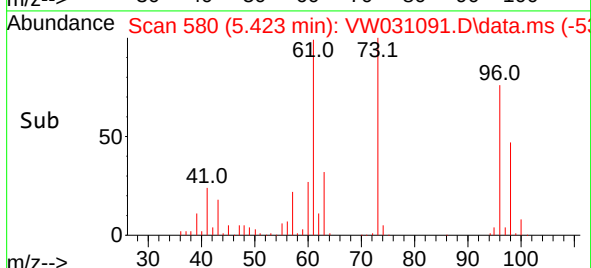
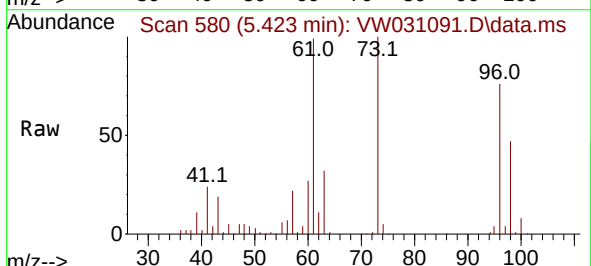


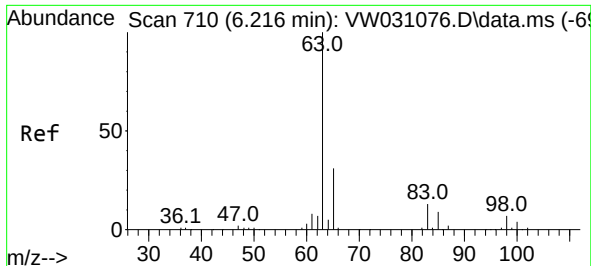
Tgt Ion: 96 Resp: 141077
Ion Ratio Lower Upper
96 100
61 135.3 92.7 172.3
98 64.4 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 26.314 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

Tgt Ion: 73 Resp: 212654
Ion Ratio Lower Upper
73 100
43 18.5 15.4 23.0
57 22.3 17.6 26.4

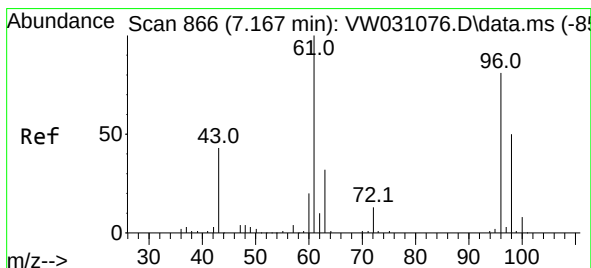
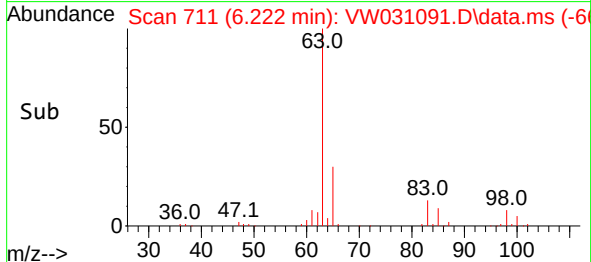
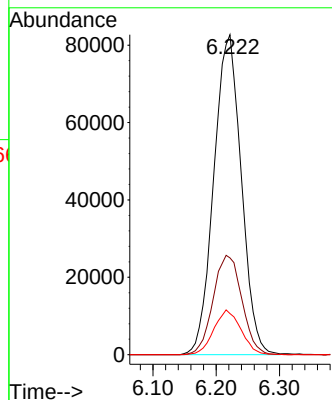
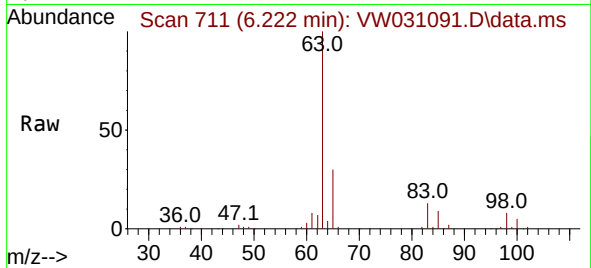




#19
 1,1-Dichloroethane
 Concen: 25.397 ug/L
 RT: 6.222 min Scan# 711
 Delta R.T. 0.006 min
 Lab File: VW031091.D
 Acq: 21 Nov 2024 18:57

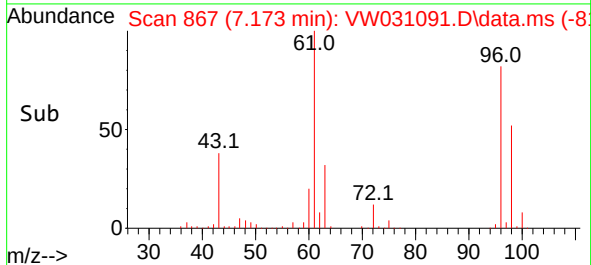
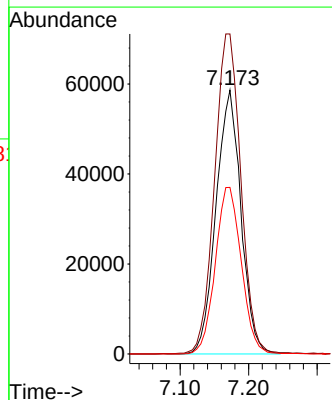
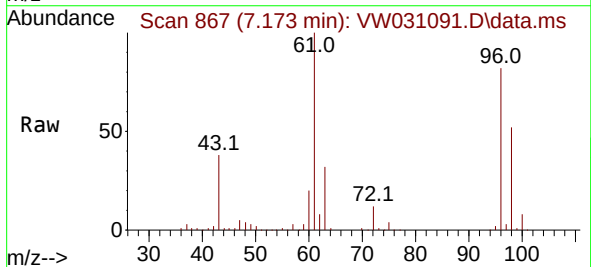
Instrument :
 MSVOA_W
 ClientSampleId :

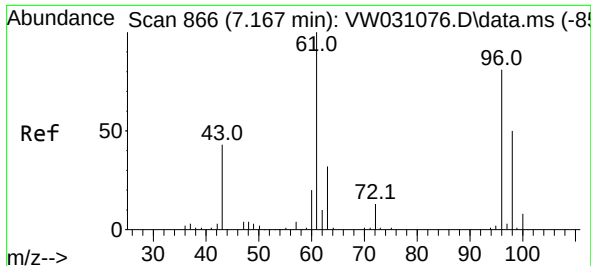
Tgt Ion: 63 Resp: 249591
 Ion Ratio Lower Upper
 63 100
 65 30.2 21.7 40.3
 83 12.9 8.9 16.5



#20
 cis-1,2-Dichloroethene
 Concen: 25.044 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW031091.D
 Acq: 21 Nov 2024 18:57

Tgt Ion: 96 Resp: 148186
 Ion Ratio Lower Upper
 96 100
 61 121.3 83.7 155.5
 98 63.2 43.9 81.5

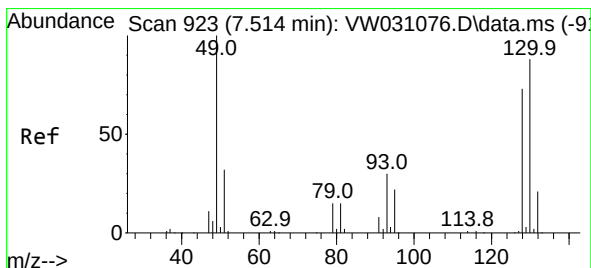
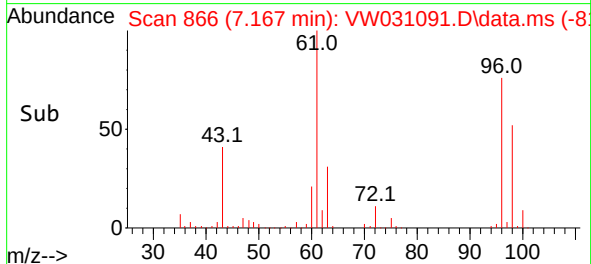
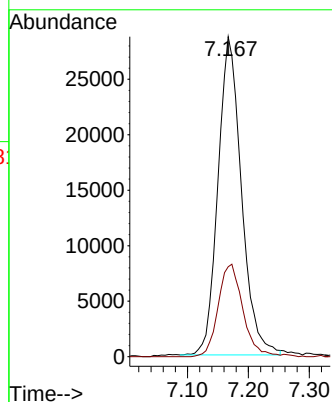
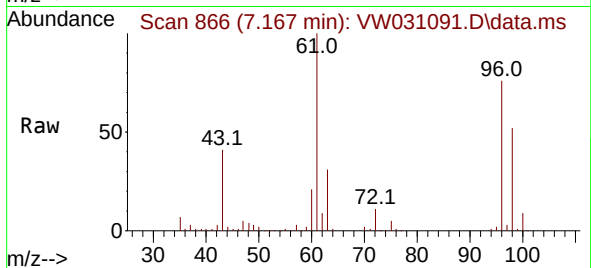




#22
2-Butanone
Concen: 45.195 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

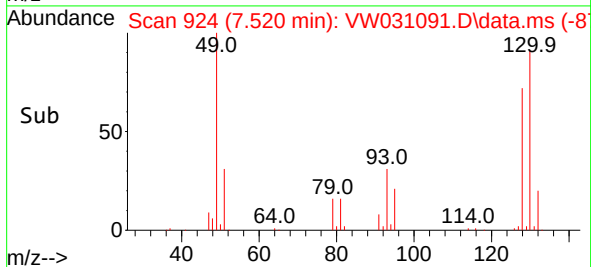
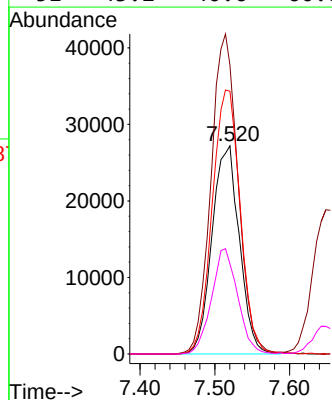
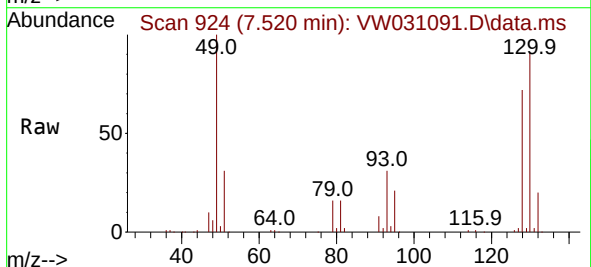
Instrument :
MSVOA_W
ClientSampleId :

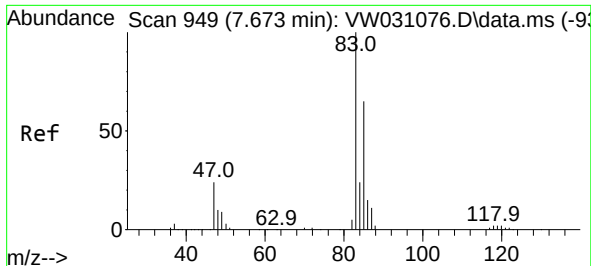
Tgt Ion: 43 Resp: 76825
Ion Ratio Lower Upper
43 100
72 30.4 14.9 44.7



#23
Bromochloromethane
Concen: 26.110 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

Tgt Ion: 128 Resp: 69223
Ion Ratio Lower Upper
128 100
49 138.7 110.9 206.1
130 126.2 93.7 173.9
51 43.2 40.6 60.8

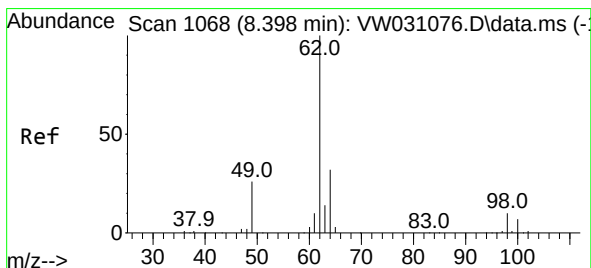
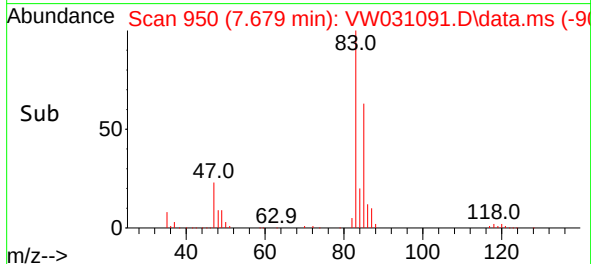
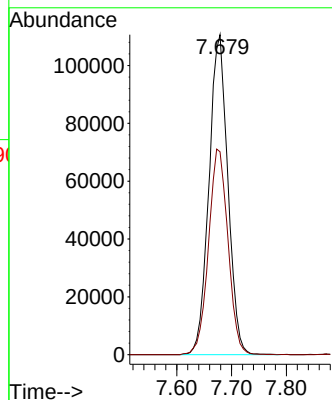
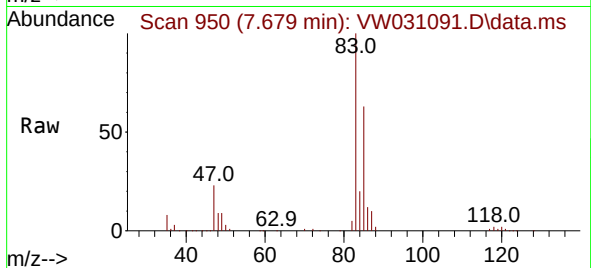




#25
Chloroform
Concen: 25.672 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

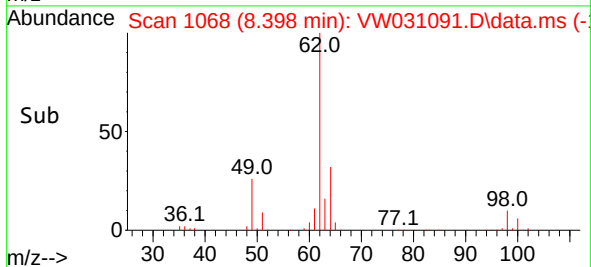
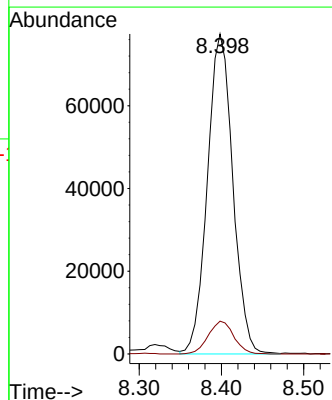
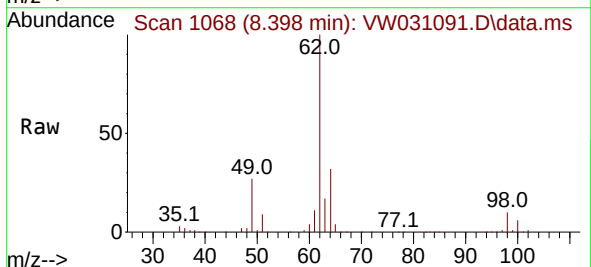
Instrument :
MSVOA_W
ClientSampleId :

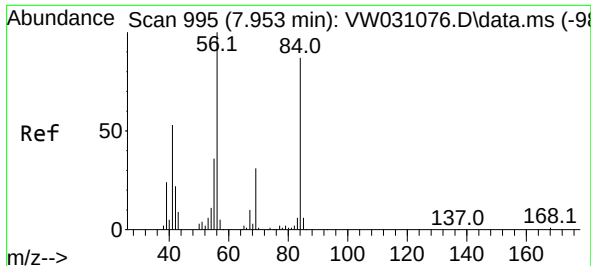
Tgt Ion: 83 Resp: 263721
Ion Ratio Lower Upper
83 100
85 63.4 46.5 86.3



#27
1,2-Dichloroethane
Concen: 27.152 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

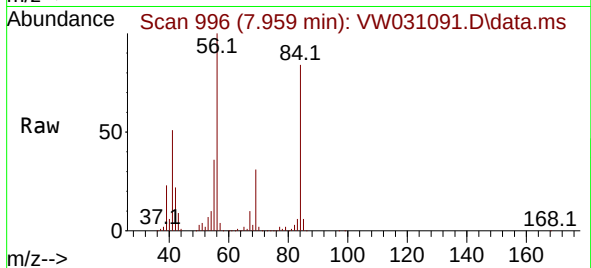
Tgt Ion: 62 Resp: 166223
Ion Ratio Lower Upper
62 100
98 10.3 7.7 11.5



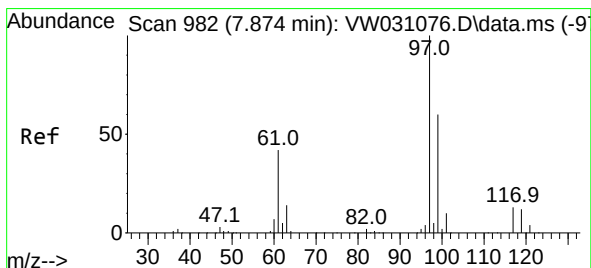
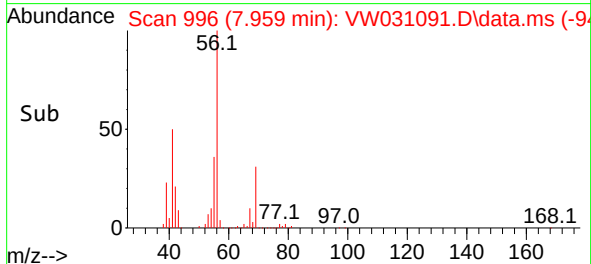
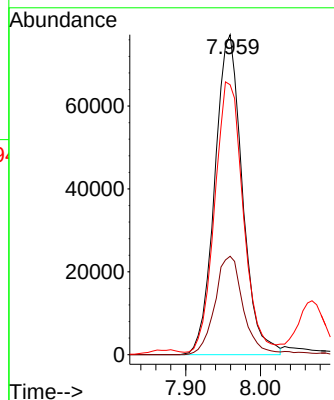


#29
Cyclohexane
Concen: 23.681 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

Instrument :
MSVOA_W
ClientSampleId :

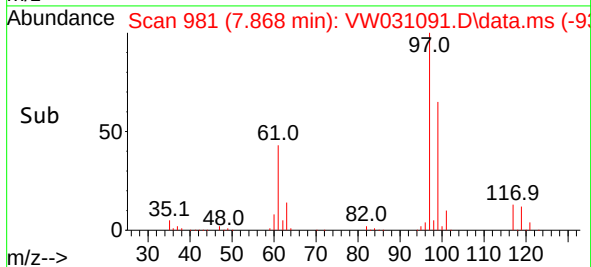
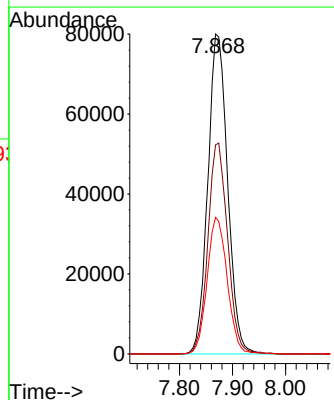
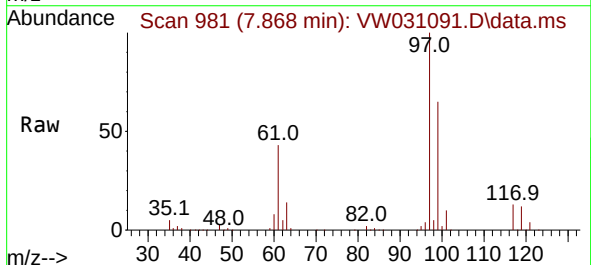


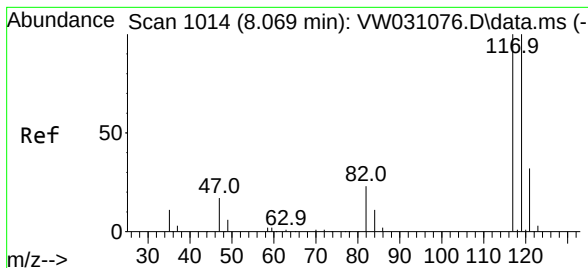
Tgt Ion: 56 Resp: 198248
Ion Ratio Lower Upper
56 100
69 31.3 25.4 38.2
84 88.5 71.1 106.7



#30
1,1,1-Trichloroethane
Concen: 23.950 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

Tgt Ion: 97 Resp: 207924
Ion Ratio Lower Upper
97 100
99 65.5 51.6 77.4
61 43.4 33.8 50.6

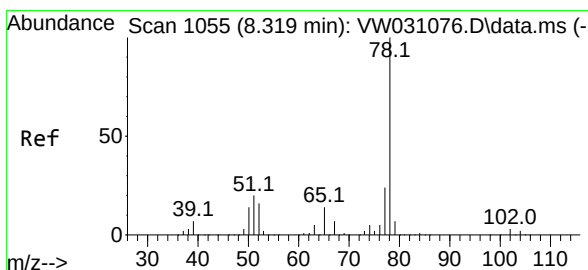
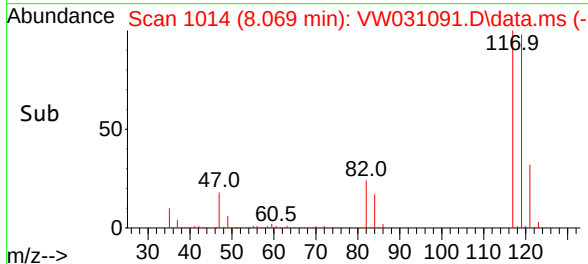
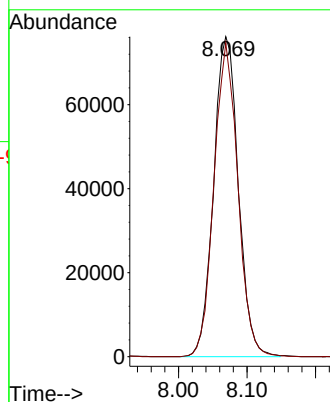
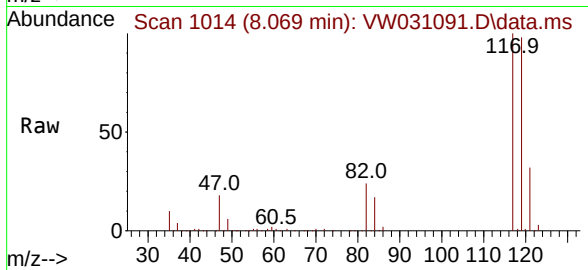




#31
Carbon tetrachloride
Concen: 24.134 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

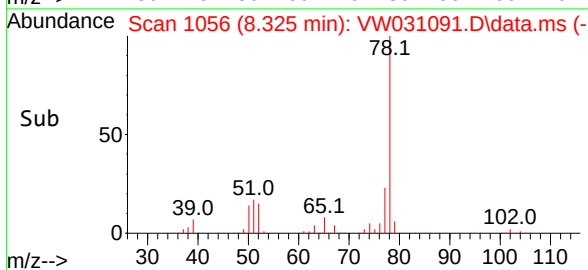
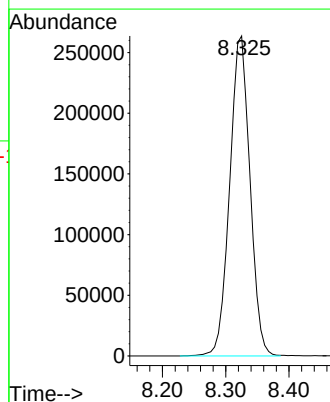
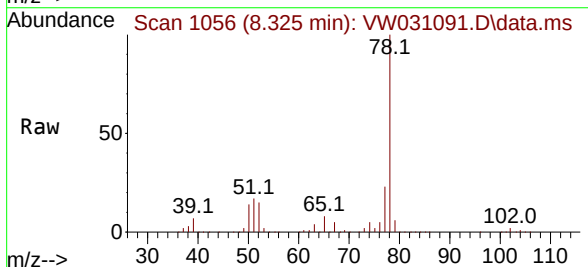
Instrument :
MSVOA_W
ClientSampleId :

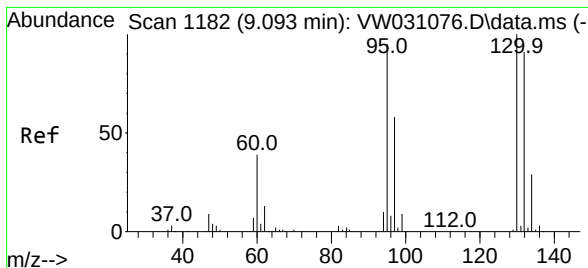
Tgt Ion:117 Resp: 190524
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.8



#33
Benzene
Concen: 25.644 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

Tgt Ion: 78 Resp: 587493





#34

Trichloroethene

Concen: 24.363 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW031091.D

Acq: 21 Nov 2024 18:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 151198

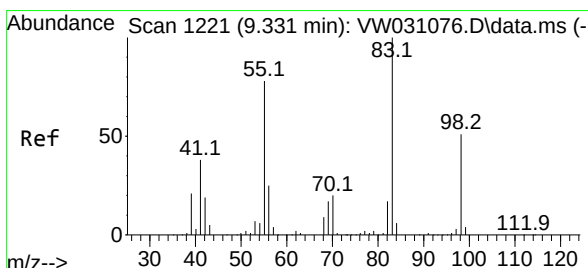
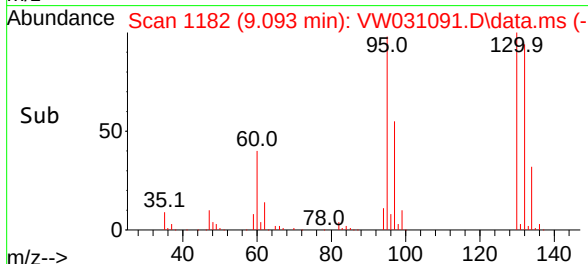
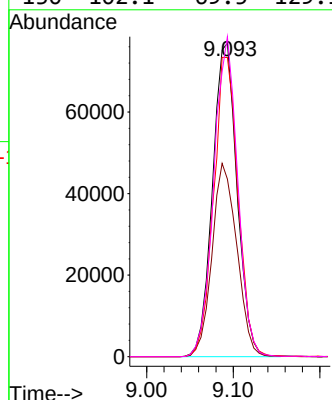
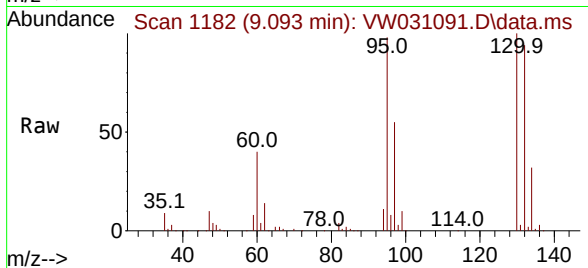
Ion Ratio Lower Upper

95 100

97 56.6 48.0 89.2

132 95.4 67.4 125.2

130 102.1 69.5 129.1



#35

Methylcyclohexane

Concen: 24.162 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031091.D

Acq: 21 Nov 2024 18:57

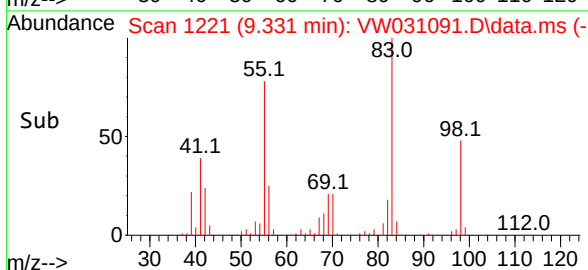
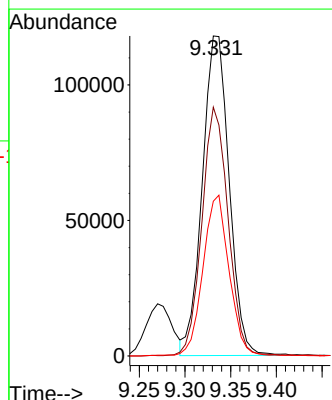
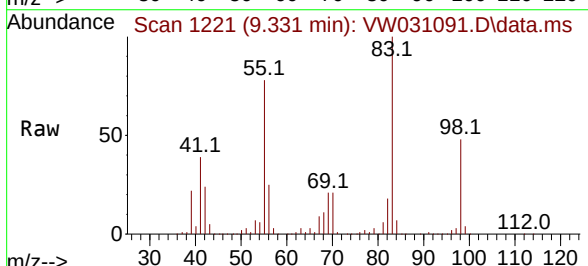
Tgt Ion: 83 Resp: 240963

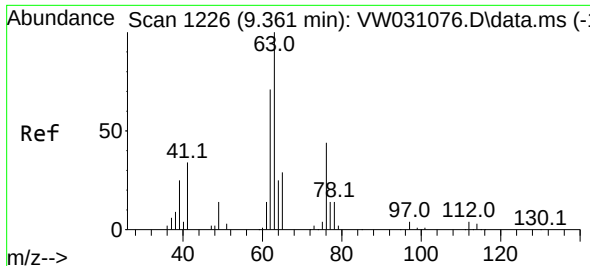
Ion Ratio Lower Upper

83 100

55 76.2 59.5 89.3

98 48.9 38.7 58.1





#37

1,2-Dichloropropane

Concen: 25.792 ug/L

RT: 9.368 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VW031091.D

Acq: 21 Nov 2024 18:57

Instrument :

MSVOA_W

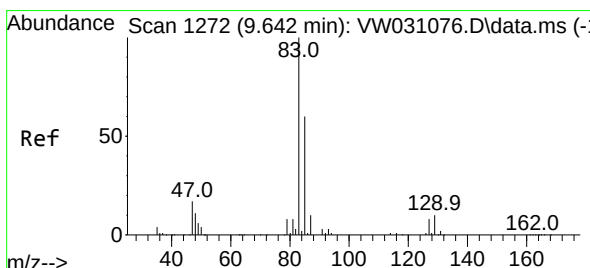
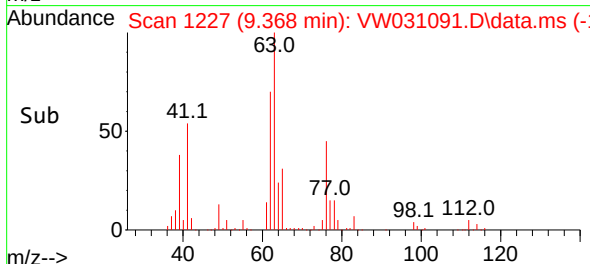
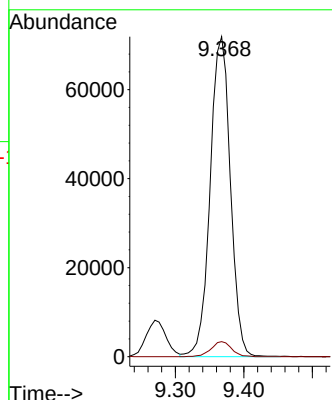
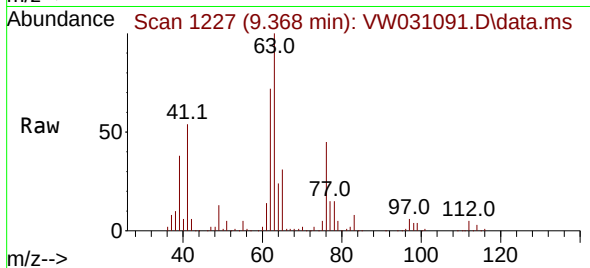
ClientSampleId :

Tgt Ion: 63 Resp: 147325

Ion Ratio Lower Upper

63 100

112 4.8 3.9 5.9



#38

Bromodichloromethane

Concen: 25.978 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031091.D

Acq: 21 Nov 2024 18:57

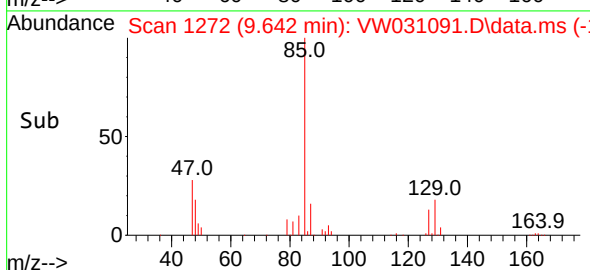
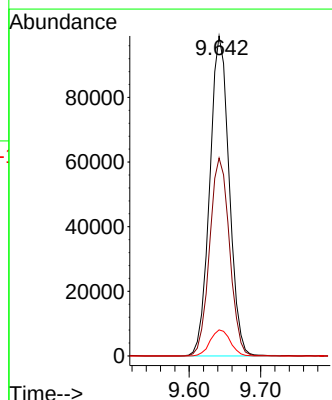
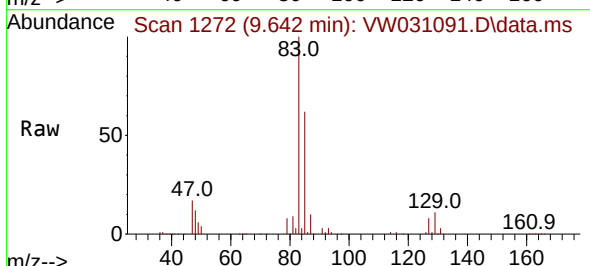
Tgt Ion: 83 Resp: 186759

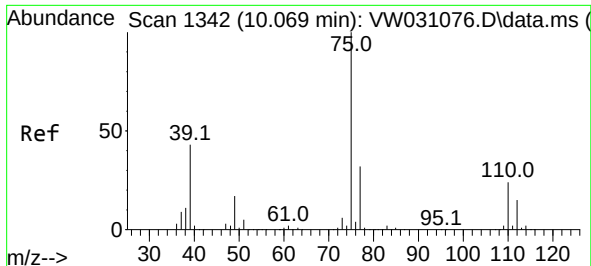
Ion Ratio Lower Upper

83 100

85 61.8 48.7 90.5

127 8.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 25.676 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031091.D

Acq: 21 Nov 2024 18:57

Instrument :

MSVOA_W

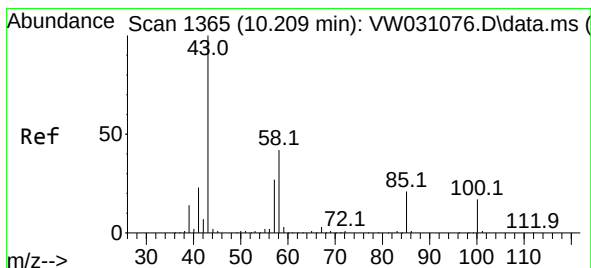
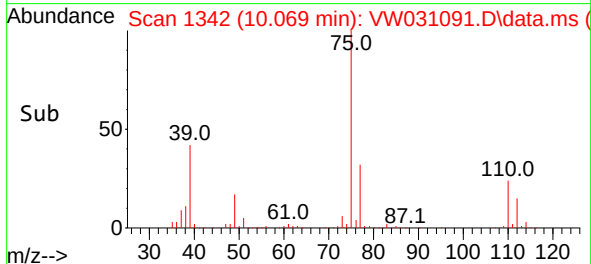
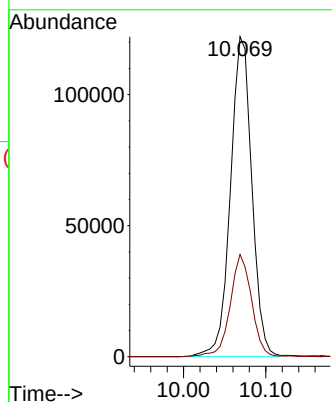
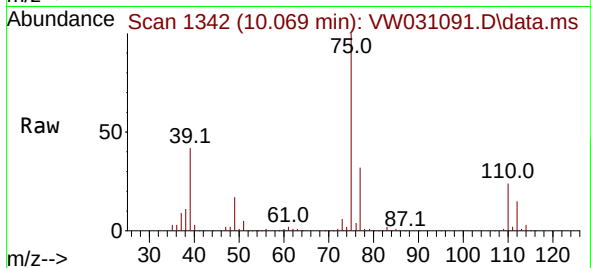
ClientSampleId :

Tgt Ion: 75 Resp: 221041

Ion Ratio Lower Upper

75 100

77 32.0 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 55.949 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW031091.D

Acq: 21 Nov 2024 18:57

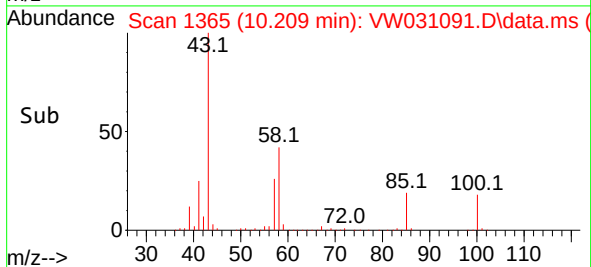
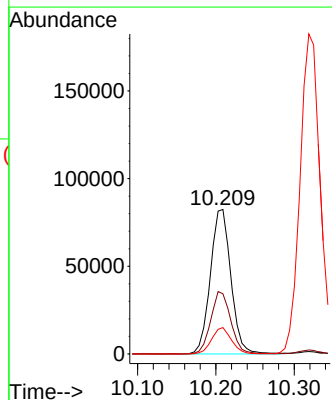
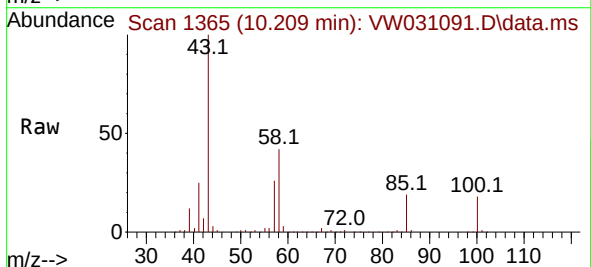
Tgt Ion: 43 Resp: 150370

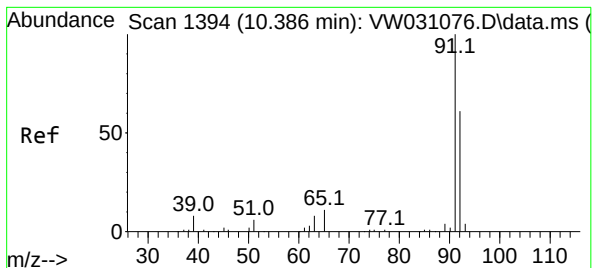
Ion Ratio Lower Upper

43 100

58 41.9 33.7 50.5

100 17.7 14.2 21.2





#42

Toluene

Concen: 25.832 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031091.D

Acq: 21 Nov 2024 18:57

Instrument :

MSVOA_W

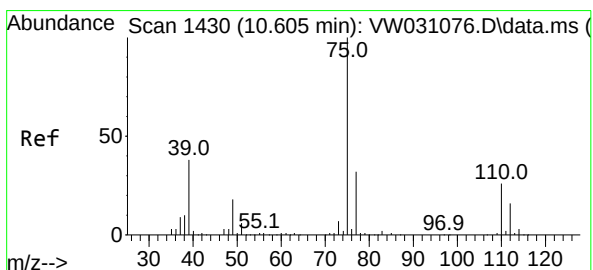
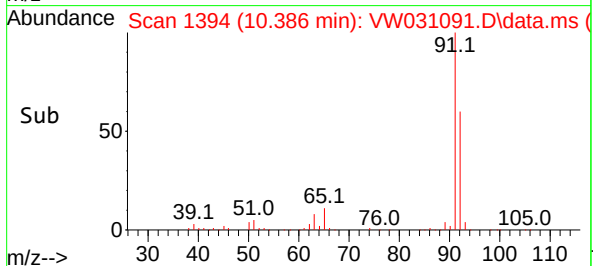
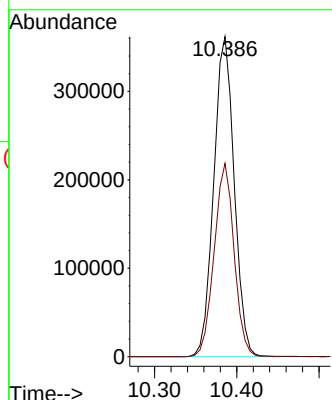
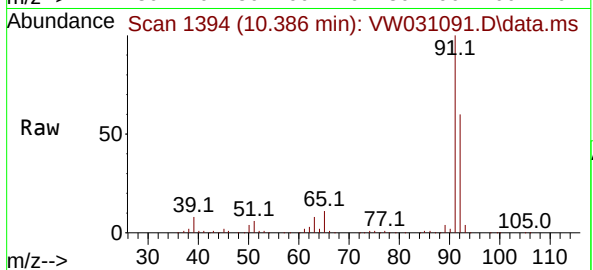
ClientSampleId :

Tgt Ion: 91 Resp: 624991

Ion Ratio Lower Upper

91 100

92 60.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 26.575 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031091.D

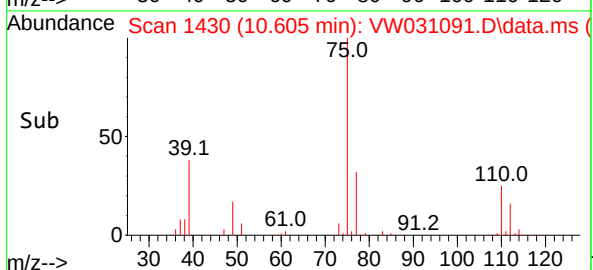
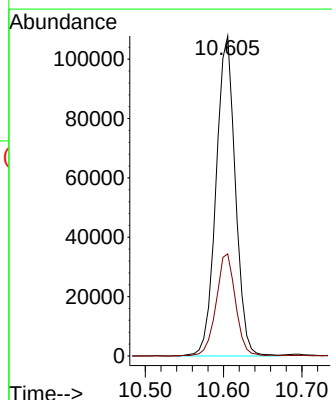
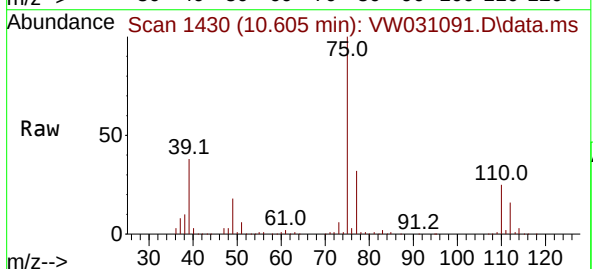
Acq: 21 Nov 2024 18:57

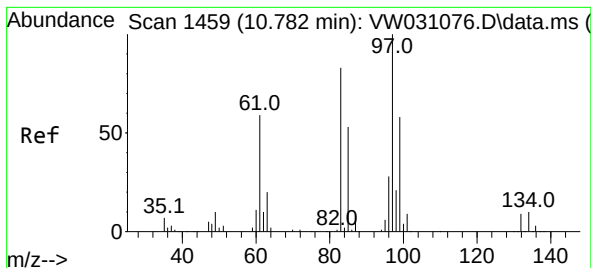
Tgt Ion: 75 Resp: 184745

Ion Ratio Lower Upper

75 100

77 31.9 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 26.512 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031091.D

Acq: 21 Nov 2024 18:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 110153

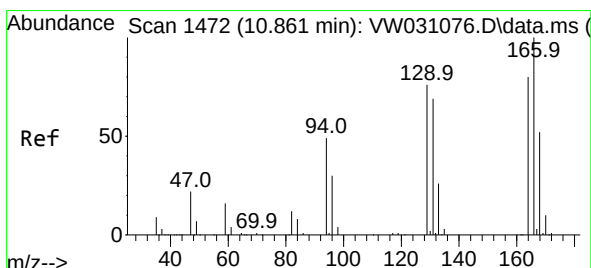
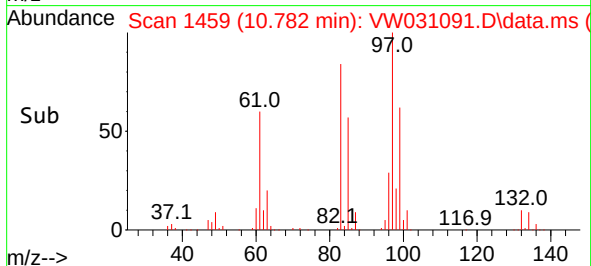
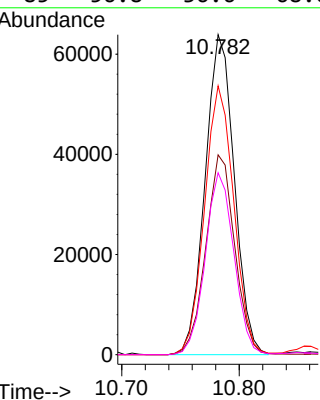
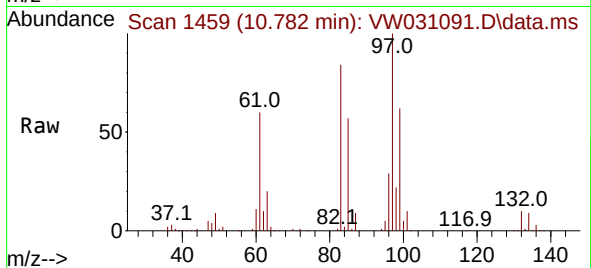
Ion Ratio Lower Upper

97 100

99 62.4 42.4 78.8

83 84.0 57.8 107.4

85 56.8 36.6 68.0



#46

Tetrachloroethene

Concen: 23.460 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031091.D

Acq: 21 Nov 2024 18:57

Tgt Ion:164 Resp: 116425

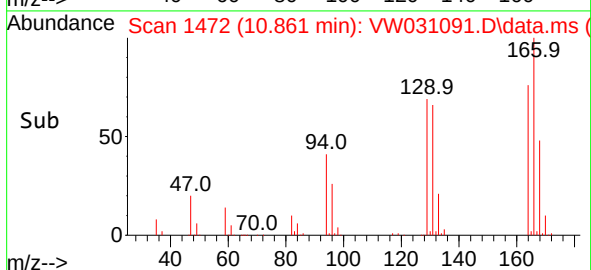
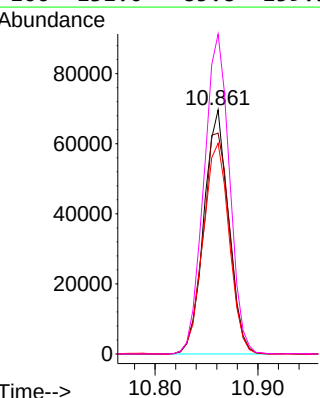
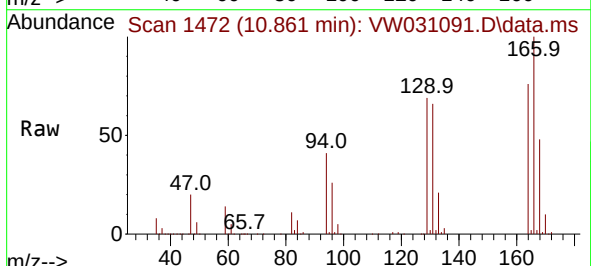
Ion Ratio Lower Upper

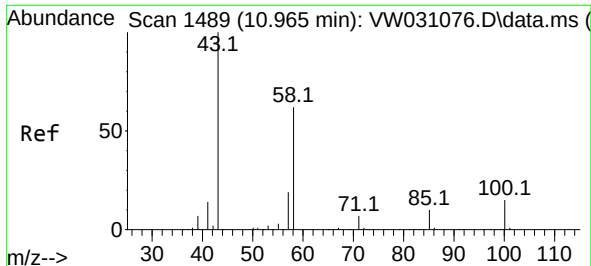
164 100

129 90.4 61.9 114.9

131 86.3 67.9 126.1

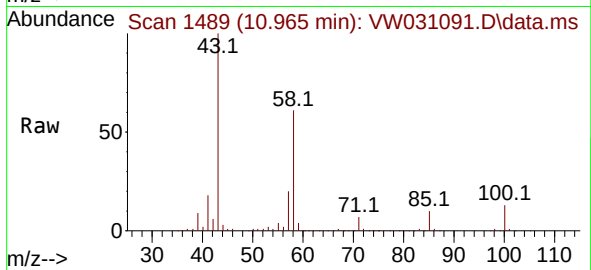
166 131.0 85.8 159.3



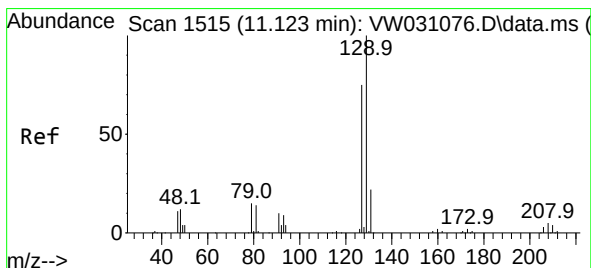
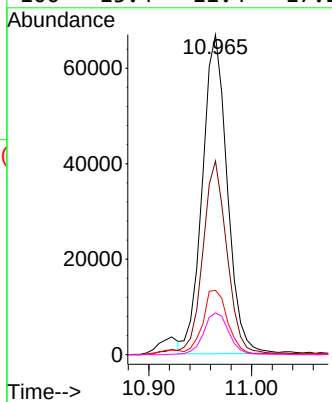
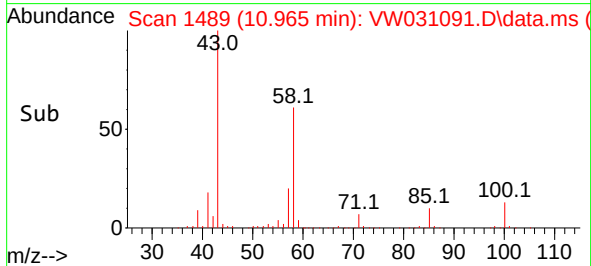


#48
2-Hexanone
Concen: 52.958 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

Instrument :
MSVOA_W
ClientSampleId :

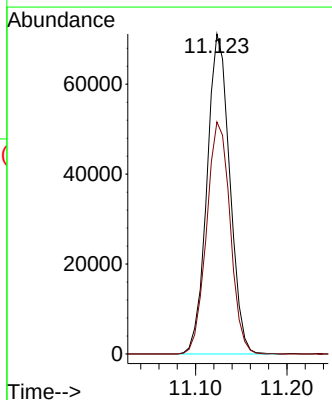
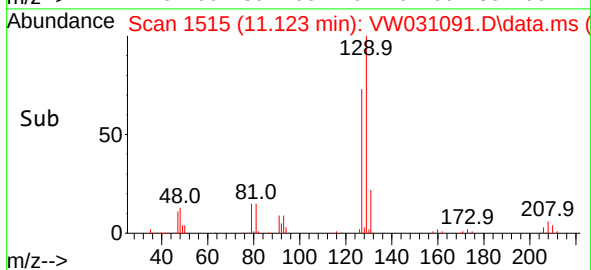
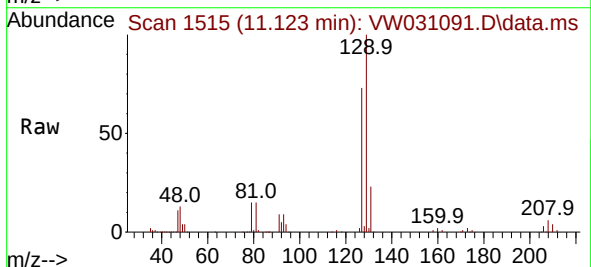


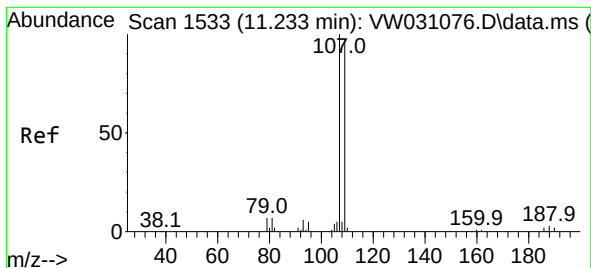
Tgt Ion:	43	Resp:	112534
Ion	Ratio	Lower	Upper
43	100		
58	59.9	49.8	74.6
57	20.2	16.6	24.8
100	13.4	11.4	17.2



#49
Dibromochloromethane
Concen: 26.738 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

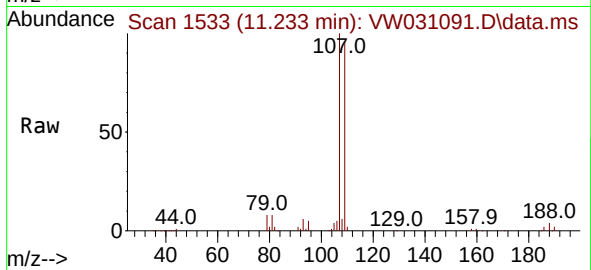
Tgt Ion:	129	Resp:	123543
Ion	Ratio	Lower	Upper
129	100		
127	72.5	51.4	95.4



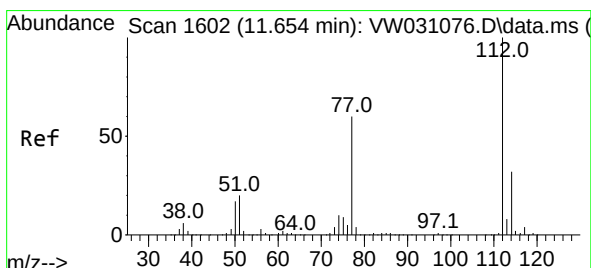
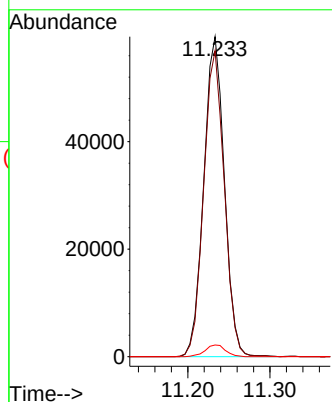
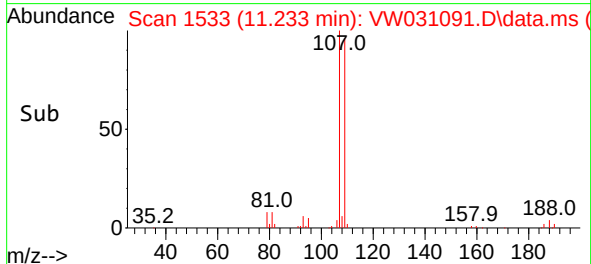


#50
1,2-Dibromoethane
Concen: 26.252 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

Instrument :
MSVOA_W
ClientSampleId :

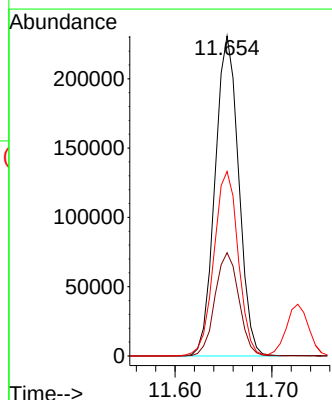
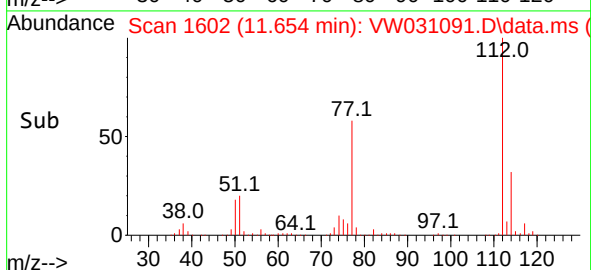
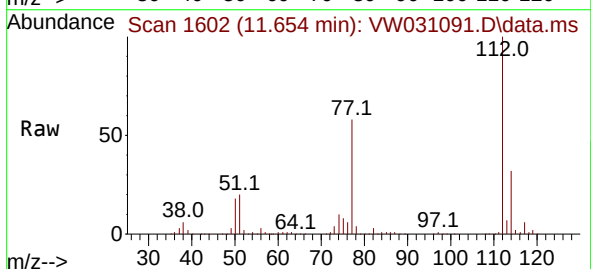


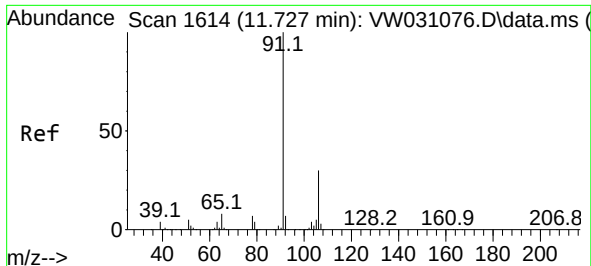
Tgt Ion:107 Resp: 103795
Ion Ratio Lower Upper
107 100
109 95.6 71.0 131.9
188 3.7 3.0 4.4



#51
Chlorobenzene
Concen: 24.776 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

Tgt Ion:112 Resp: 392028
Ion Ratio Lower Upper
112 100
114 32.3 21.2 39.4
77 57.6 45.4 68.0

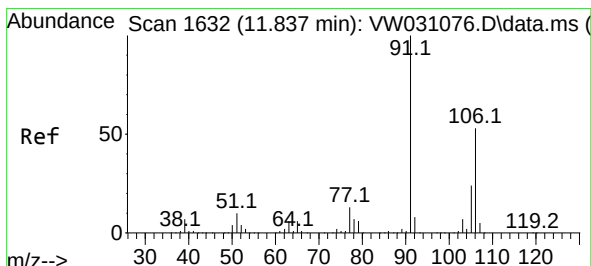
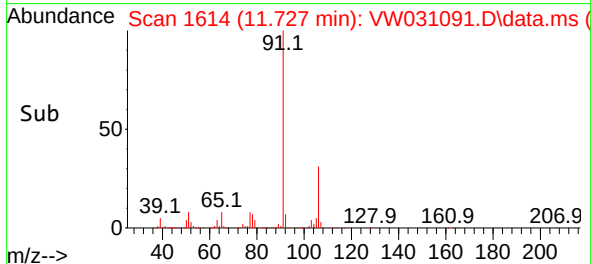
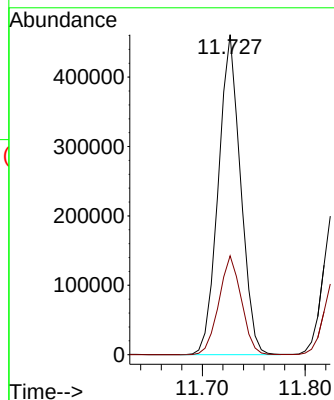
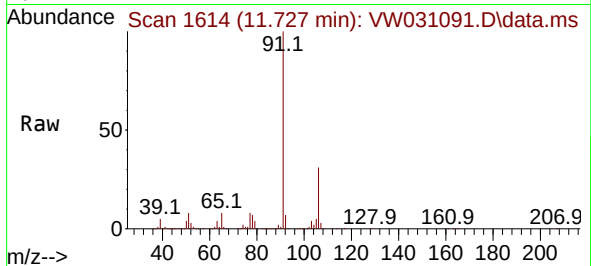




#52
Ethylbenzene
Concen: 25.501 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

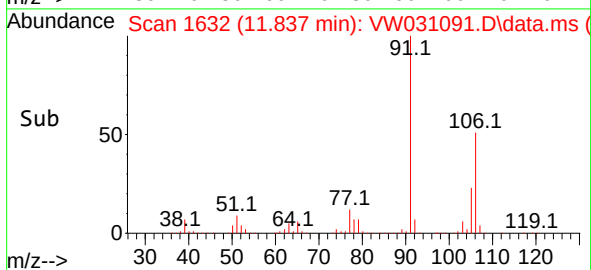
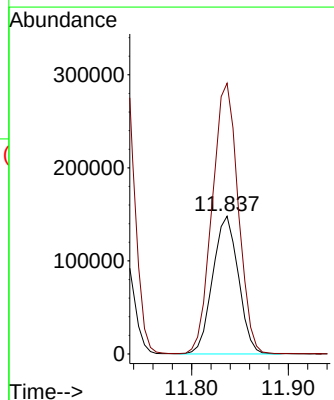
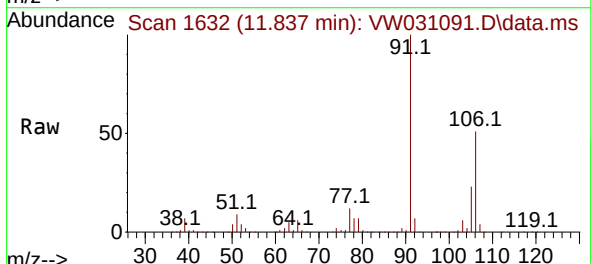
Instrument :
MSVOA_W
ClientSampleId :

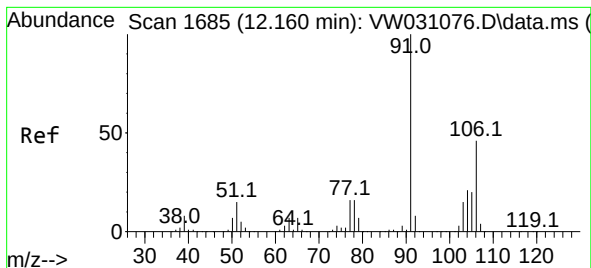
Tgt Ion: 91 Resp: 691758
Ion Ratio Lower Upper
91 100
106 30.9 21.3 39.5



#53
m,p-Xylene
Concen: 26.349 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

Tgt Ion: 106 Resp: 272806
Ion Ratio Lower Upper
106 100
91 196.7 140.9 261.7





#54

o-Xylene

Concen: 26.033 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031091.D

Acq: 21 Nov 2024 18:57

Instrument :

MSVOA_W

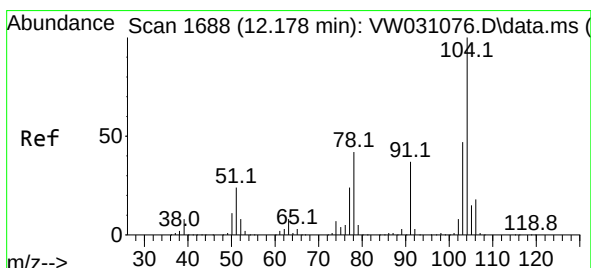
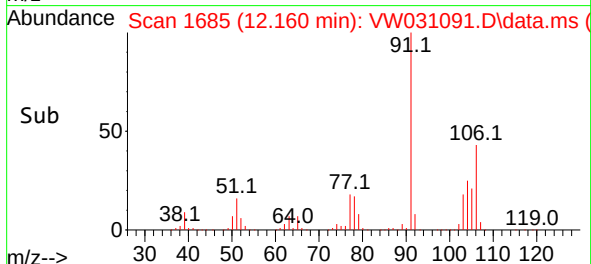
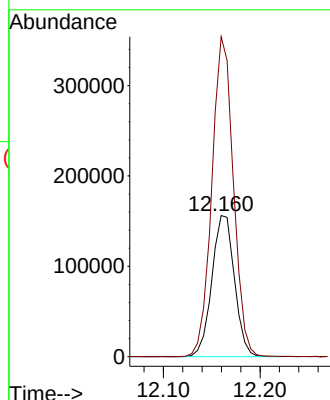
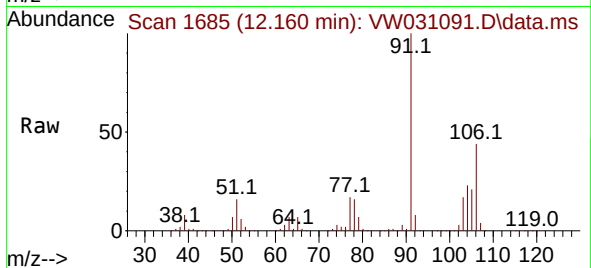
ClientSampleId :

Tgt Ion:106 Resp: 253312

Ion Ratio Lower Upper

106 100

91 226.7 152.7 283.5



#55

Styrene

Concen: 26.840 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031091.D

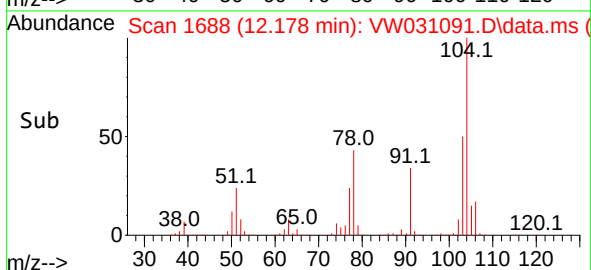
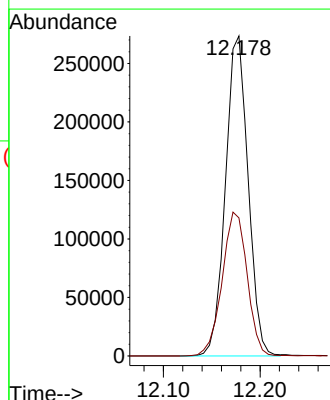
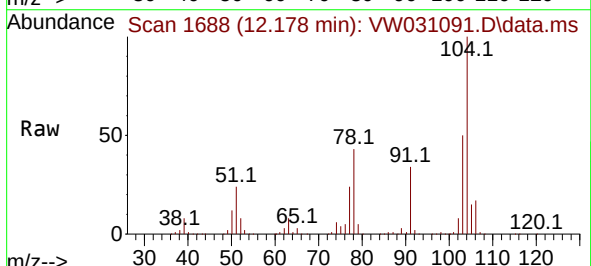
Acq: 21 Nov 2024 18:57

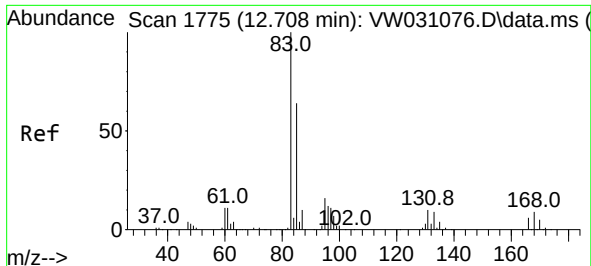
Tgt Ion:104 Resp: 444436

Ion Ratio Lower Upper

104 100

78 43.2 30.2 56.0

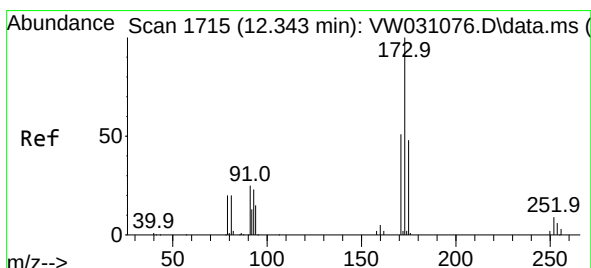
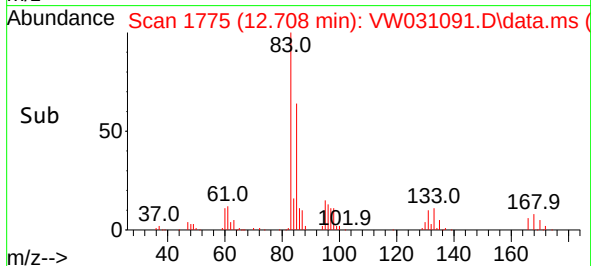
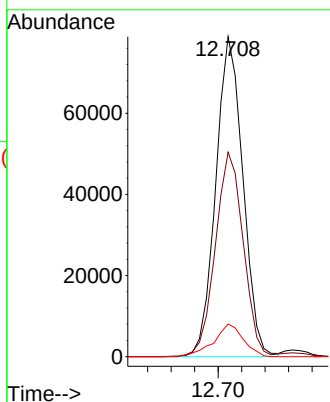
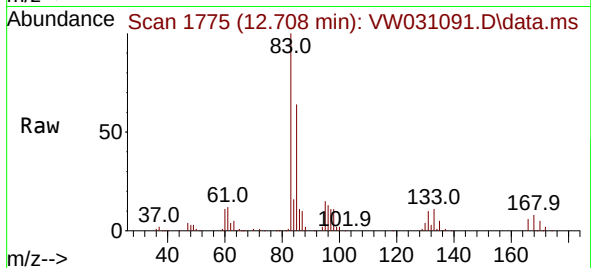




#57
1,1,2,2-Tetrachloroethane
Concen: 27.329 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

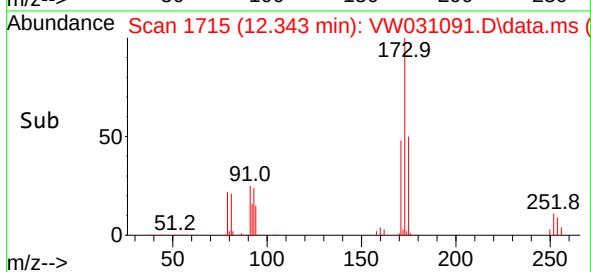
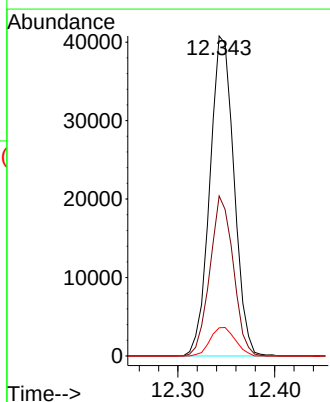
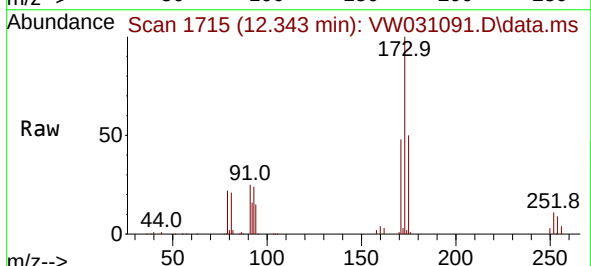
Instrument :
MSVOA_W
ClientSampleId :

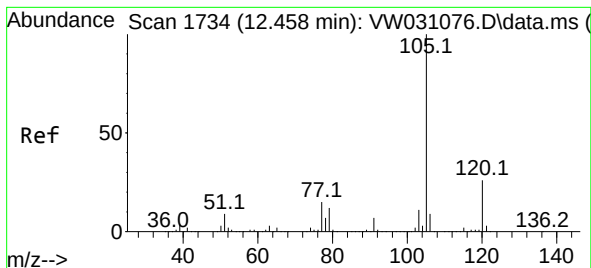
Tgt Ion: 83 Resp: 126647
Ion Ratio Lower Upper
83 100
85 63.9 48.3 89.7
131 10.2 8.9 13.3



#59
Bromoform
Concen: 25.294 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. 0.000 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

Tgt Ion:173 Resp: 70894
Ion Ratio Lower Upper
173 100
175 48.2 36.6 54.8
254 9.2 7.7 11.5





#60

Isopropylbenzene

Concen: 24.928 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031091.D

Acq: 21 Nov 2024 18:57

Instrument :

MSVOA_W

ClientSampleId :

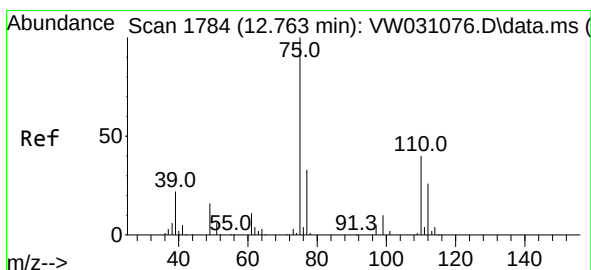
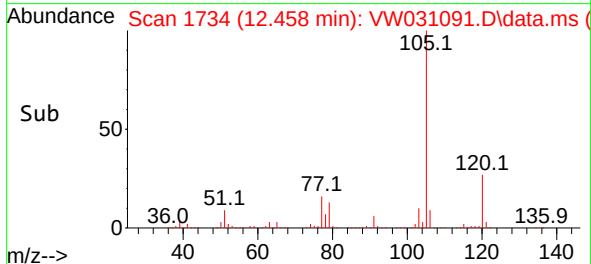
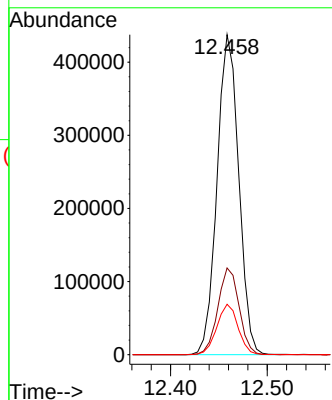
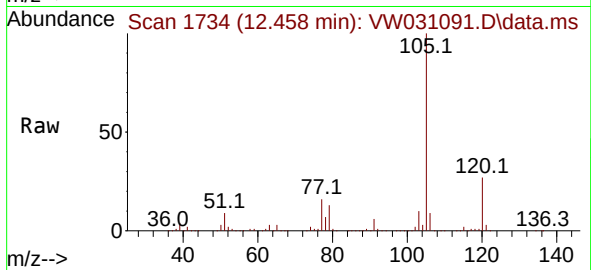
Tgt Ion:105 Resp: 680197

Ion Ratio Lower Upper

105 100

120 26.5 21.5 32.3

77 15.5 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 26.524 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031091.D

Acq: 21 Nov 2024 18:57

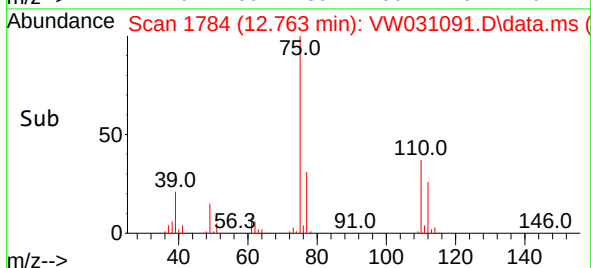
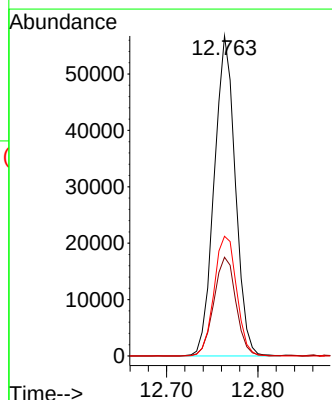
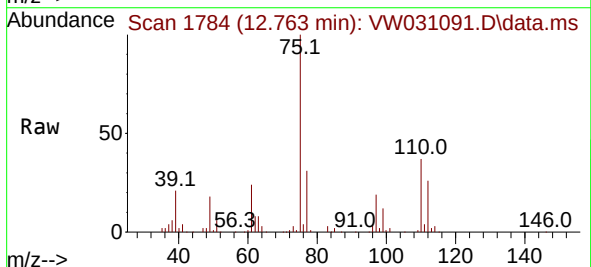
Tgt Ion: 75 Resp: 90936

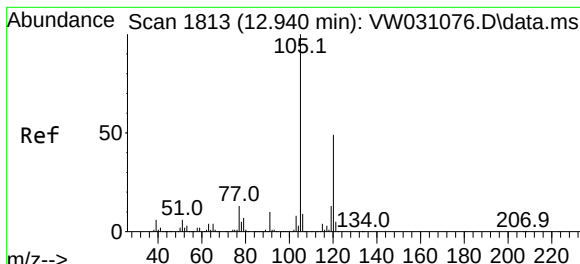
Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2

110 39.9 33.1 49.7

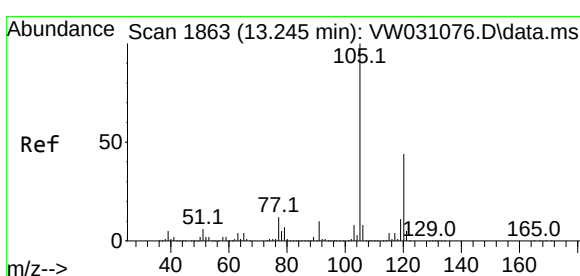
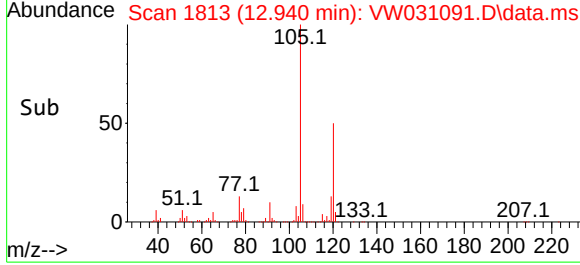
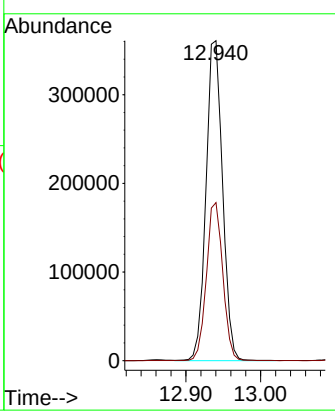
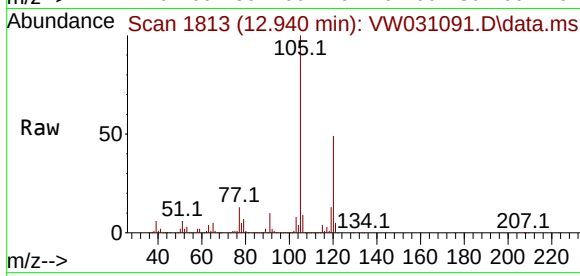




#62
 1,3,5-Trimethylbenzene
 Concen: 25.891 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW031091.D
 Acq: 21 Nov 2024 18:57

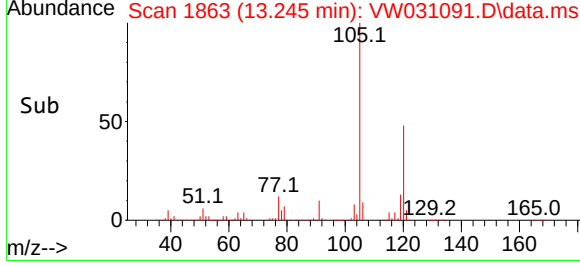
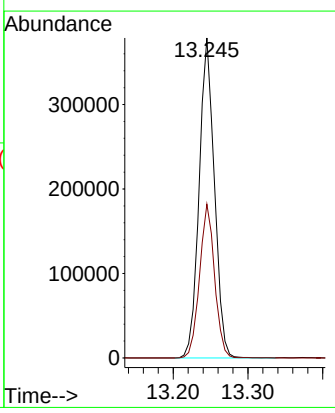
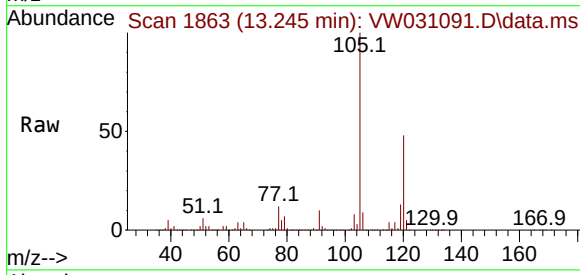
Instrument :
 MSVOA_W
 ClientSampleId :

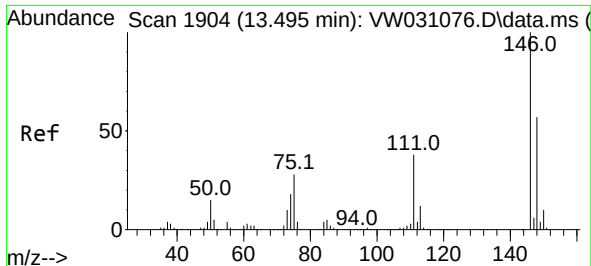
Tgt Ion:105 Resp: 557276
 Ion Ratio Lower Upper
 105 100
 120 48.9 40.5 60.7



#63
 1,2,4-Trimethylbenzene
 Concen: 25.319 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW031091.D
 Acq: 21 Nov 2024 18:57

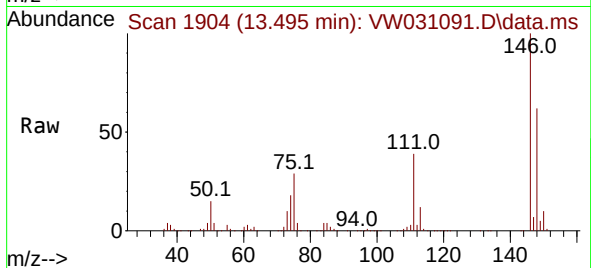
Tgt Ion:105 Resp: 537544
 Ion Ratio Lower Upper
 105 100
 120 47.1 35.4 53.0



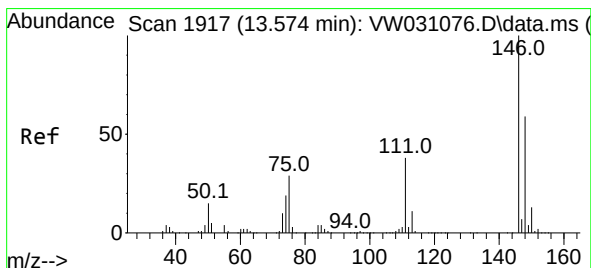
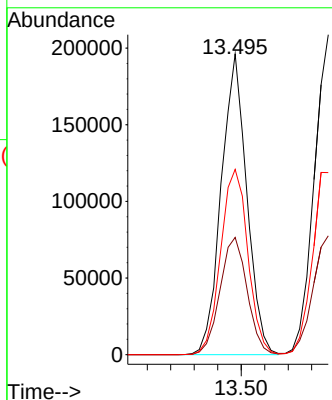
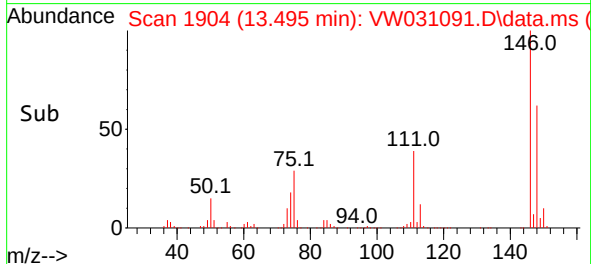


#64
1,3-Dichlorobenzene
Concen: 23.828 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

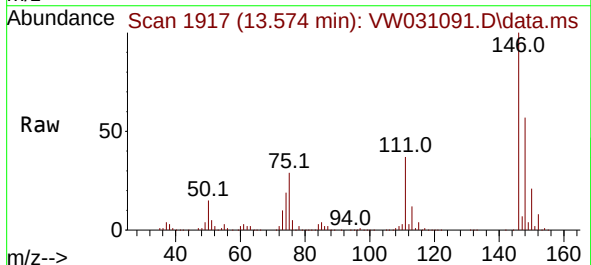
Instrument :
MSVOA_W
ClientSampleId :



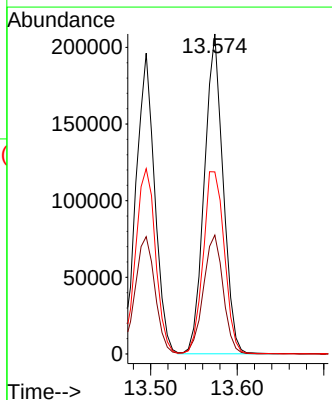
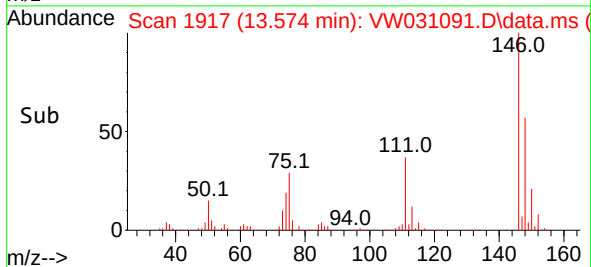
Tgt Ion:146 Resp: 296532
Ion Ratio Lower Upper
146 100
111 39.0 28.5 52.9
148 61.6 44.1 81.9

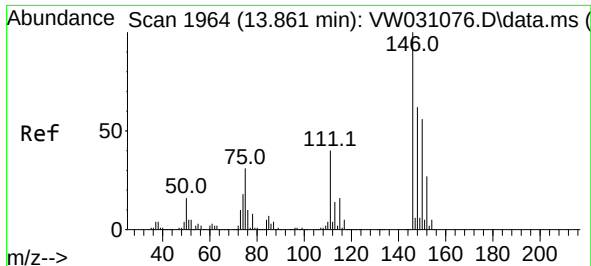


#65
1,4-Dichlorobenzene
Concen: 24.246 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57



Tgt Ion:146 Resp: 313958
Ion Ratio Lower Upper
146 100
111 37.2 26.6 49.4
148 56.9 42.1 78.1





#67

1,2-Dichlorobenzene

Concen: 24.906 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW031091.D

Acq: 21 Nov 2024 18:57

Instrument :

MSVOA_W

ClientSampleId :

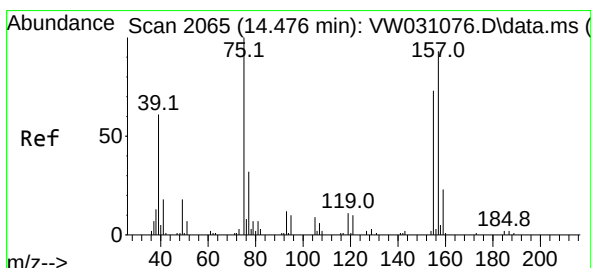
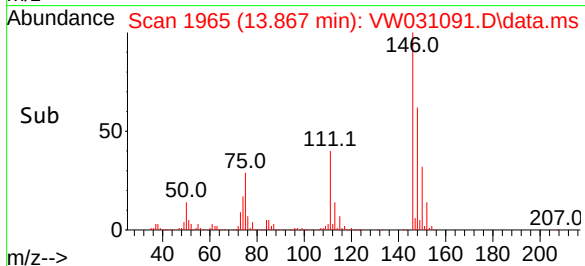
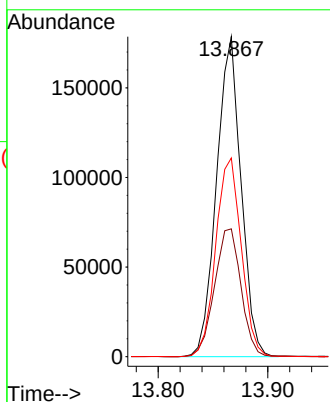
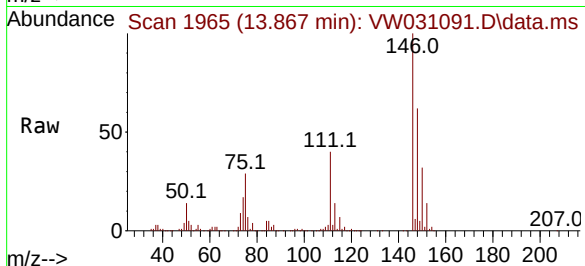
Tgt Ion:146 Resp: 277843

Ion Ratio Lower Upper

146 100

111 40.0 30.9 46.3

148 62.1 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 25.821 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031091.D

Acq: 21 Nov 2024 18:57

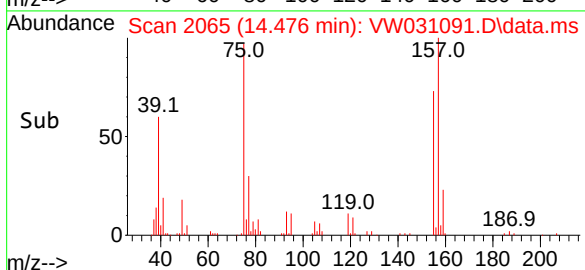
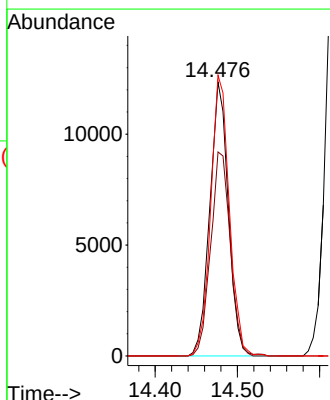
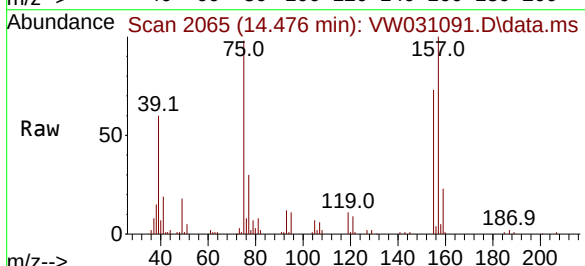
Tgt Ion: 75 Resp: 19349

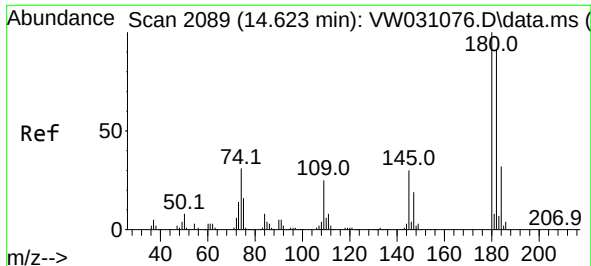
Ion Ratio Lower Upper

75 100

155 74.5 63.1 94.7

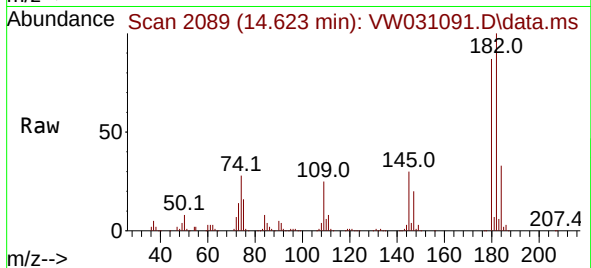
157 102.5 82.1 123.1



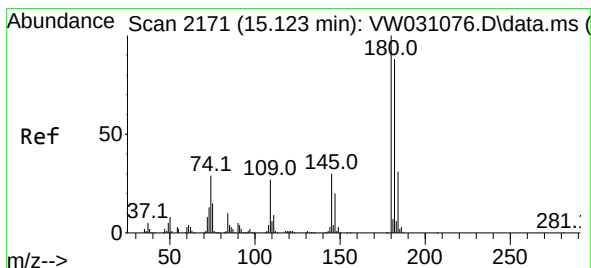
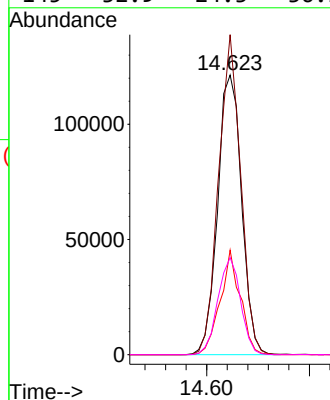
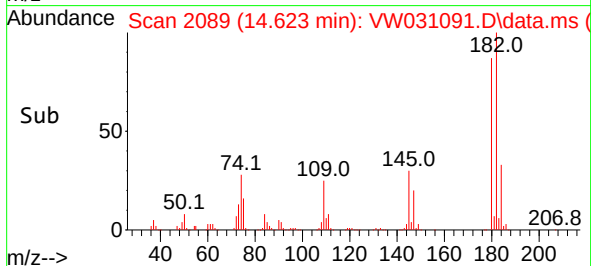


#69
 1,3,5-Trichlorobenzene
 Concen: 23.110 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW031091.D
 Acq: 21 Nov 2024 18:57

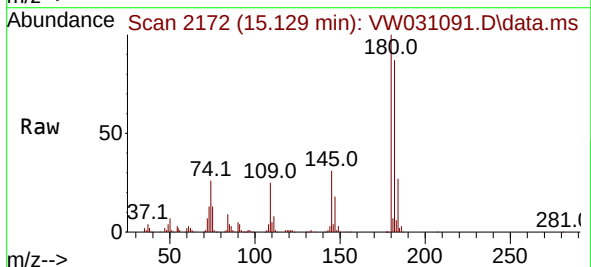
Instrument :
 MSVOA_W
 ClientSampleId :



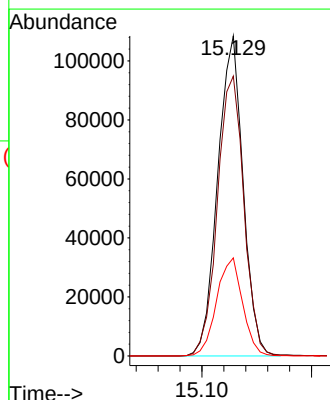
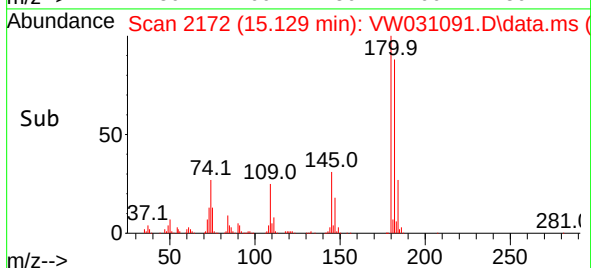
Tgt Ion:180 Resp: 196591
 Ion Ratio Lower Upper
 180 100
 182 104.9 78.2 117.2
 184 31.4 24.0 36.0
 145 32.9 24.3 36.5

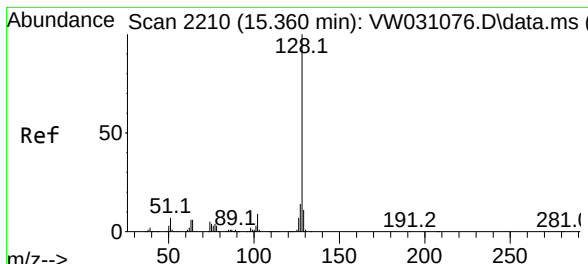


#70
 1,2,4-trichlorobenzene
 Concen: 25.628 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VW031091.D
 Acq: 21 Nov 2024 18:57



Tgt Ion:180 Resp: 174349
 Ion Ratio Lower Upper
 180 100
 182 91.3 76.1 114.1
 145 31.4 25.7 38.5



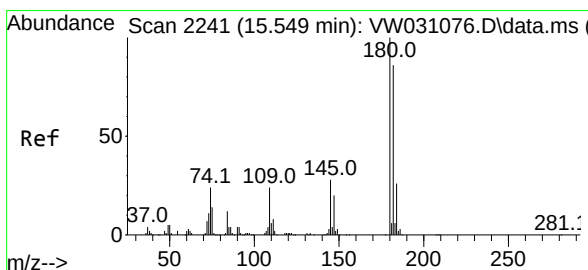
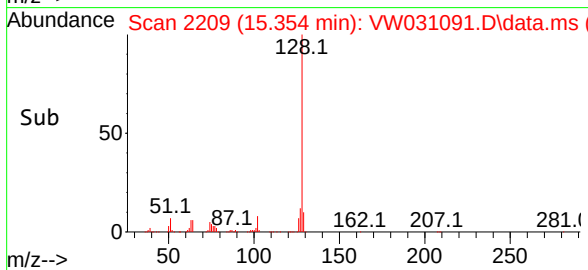
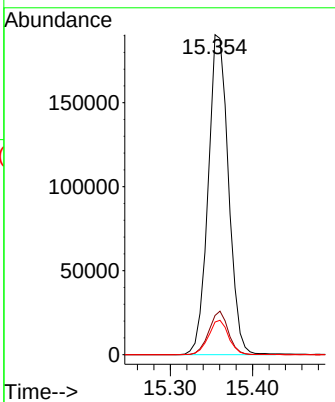
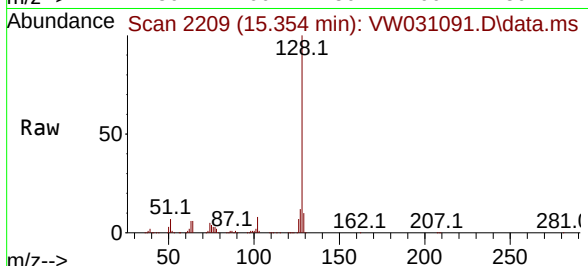


#71
Naphthalene
Concen: 28.421 ug/L
RT: 15.354 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 326903

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.7	8.3	12.5



#72
1,2,3-Trichlorobenzene
Concen: 26.204 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031091.D
Acq: 21 Nov 2024 18:57

Tgt Ion:180 Resp: 158669

Ion	Ratio	Lower	Upper
180	100		
182	93.1	78.7	118.1
145	33.0	26.3	39.5

