

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102124\
 Data File : VW030676.D
 Acq On : 21 Oct 2024 09:31
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 22 01:25:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 19 00:23:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	261969	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	256581	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	132544	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	73067	17.744	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.960%
7) Chloroethane-d5	2.899	69	69401	22.266	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.080%
11) 1,1-Dichloroethene-d2	4.021	65	28580	16.687	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.760%
21) 2-Butanone-d5	7.075	46	38399	51.818	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.640%
24) Chloroform-d	7.648	84	176173	23.515	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.080%
26) 1,2-Dichloroethane-d4	8.301	65	91041	23.369	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.480%
32) Benzene-d6	8.270	84	308017	20.683	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.720%
36) 1,2-Dichloropropane-d6	9.270	67	95973	21.957	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.840%
41) Toluene-d8	10.319	98	280114	20.605	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	10.575	79	38647	21.116	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.480%
47) 2-Hexanone-d5	10.922	63	29957	53.212	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	83691	26.072	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	90961	20.282	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	68621	20.502	ug/L	# 83
3) Chloromethane	2.222	50	101672	26.136	ug/L	97
5) Vinyl chloride	2.375	62	126036	26.346	ug/L	97
6) Bromomethane	2.789	94	88869	28.224	ug/L	95
8) Chloroethane	2.936	64	82823	28.321	ug/L	99
9) Trichlorofluoromethane	3.265	101	105000	24.530	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	100973	26.219	ug/L	94
12) 1,1-Dichloroethene	4.039	96	87953	25.024	ug/L	97
13) Acetone	4.125	43	61959	57.110	ug/L	97
14) Carbon disulfide	4.387	76	262038	22.831	ug/L	100
15) Methyl Acetate	4.673	43	38804	28.955	ug/L	100
16) Methylene chloride	4.917	84	99057	25.012	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	100864	26.595	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	149639	28.192	ug/L	99
19) 1,1-Dichloroethane	6.210	63	199382	28.286	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	110822	27.396	ug/L	88
22) 2-Butanone	7.167	43	67760	57.942	ug/L	97
23) Bromochloromethane	7.514	128	48739	27.541	ug/L	90
25) Chloroform	7.673	83	216036	28.680	ug/L	95

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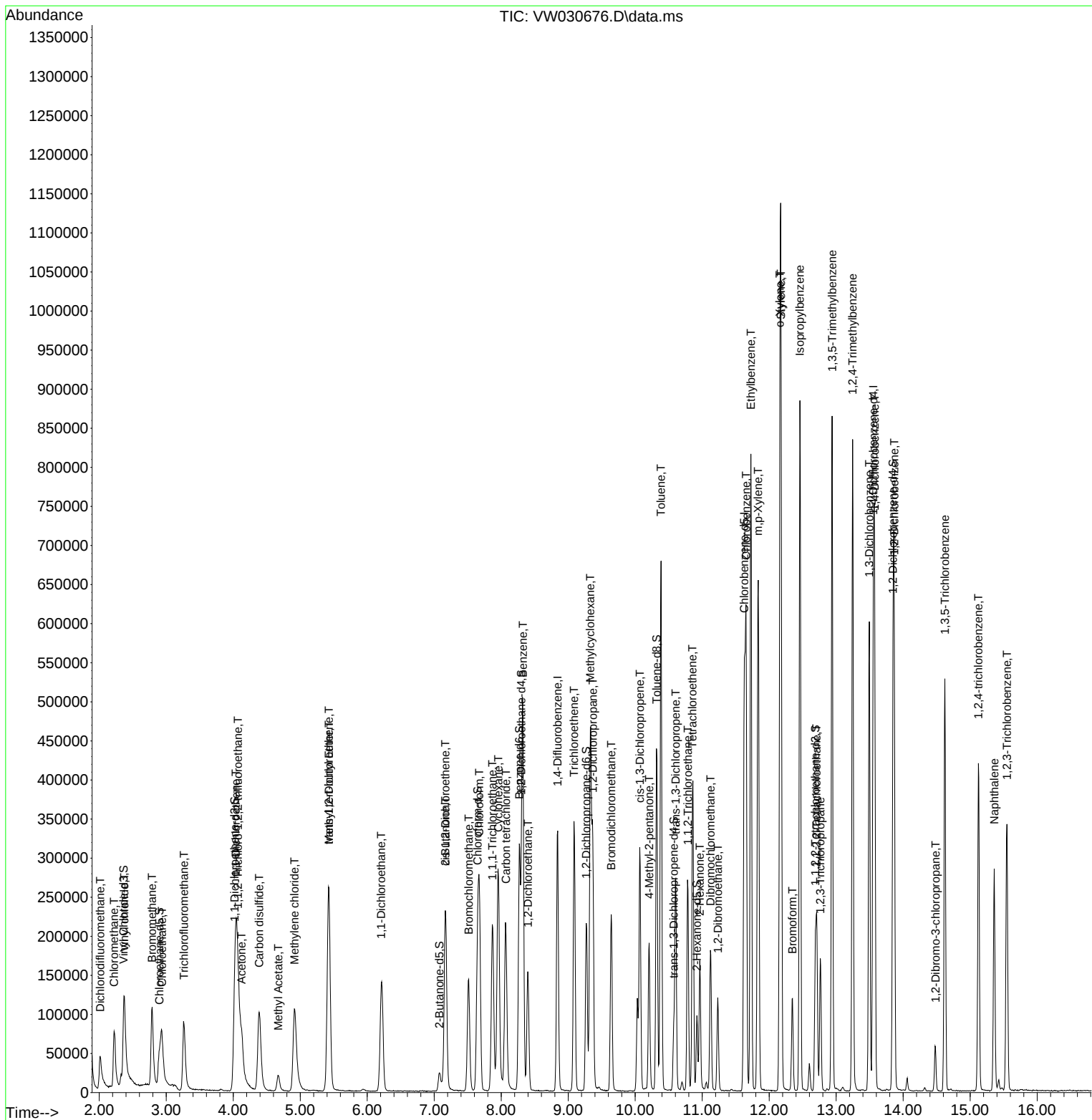
Instrument :
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 ClientSampleId :

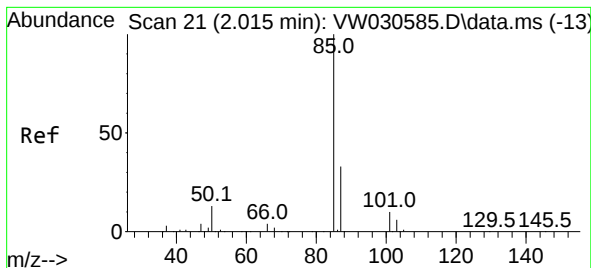
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	137727	27.715	ug/L	99
29) Cyclohexane	7.959	56	158819	25.428	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	171671	25.204	ug/L	99
31) Carbon tetrachloride	8.069	117	154879	25.459	ug/L	98
33) Benzene	8.325	78	437194	26.184	ug/L	100
34) Trichloroethene	9.087	95	116817	25.148	ug/L	94
35) Methylcyclohexane	9.331	83	181397	24.813	ug/L	99
37) 1,2-Dichloropropane	9.368	63	112037	26.866	ug/L	100
38) Bromodichloromethane	9.642	83	149730	26.987	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	169589	26.961	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	118786	59.292	ug/L	99
42) Toluene	10.386	91	474678	26.647	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	144982	27.429	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	80306	26.645	ug/L	96
46) Tetrachloroethene	10.855	164	81595	23.816	ug/L	96
48) 2-Hexanone	10.965	43	100822	61.539	ug/L	99
49) Dibromochloromethane	11.123	129	90995	27.058	ug/L	86
50) 1,2-Dibromoethane	11.233	107	74977	26.660	ug/L	90
51) Chlorobenzene	11.654	112	291484	25.419	ug/L	99
52) Ethylbenzene	11.727	91	549106	27.015	ug/L	99
53) m,p-Xylene	11.837	106	199163	26.154	ug/L	95
54) o-Xylene	12.160	106	188206	26.733	ug/L	92
55) Styrene	12.178	104	337498	28.042	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	95641	28.140	ug/L	95
59) Bromoform	12.349	173	50673	27.211	ug/L	99
60) Isopropylbenzene	12.458	105	539456	26.282	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68182	26.436	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	433378	26.762	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	422532	26.649	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	224657	25.145	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	219810	23.827	ug/L	85
67) 1,2-Dichlorobenzene	13.867	146	204251	25.979	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	14462	25.147	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	149154	25.316	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	120223	25.347	ug/L	97
71) Naphthalene	15.360	128	218325	26.643	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	105951	25.767	ug/L	99

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

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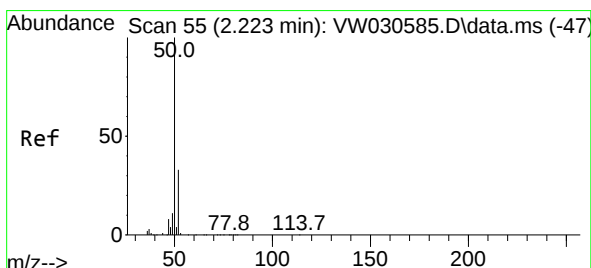
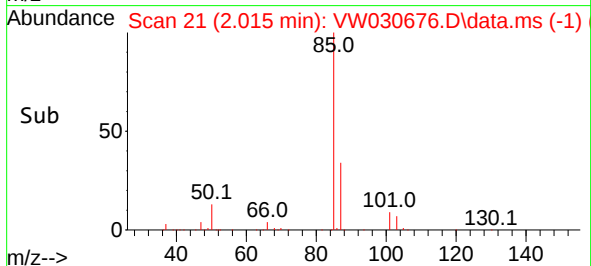
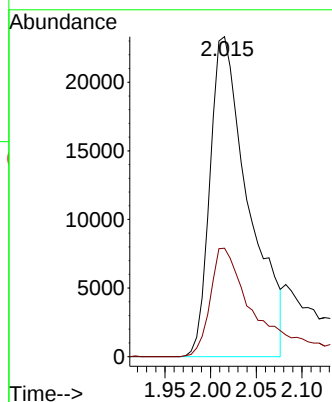
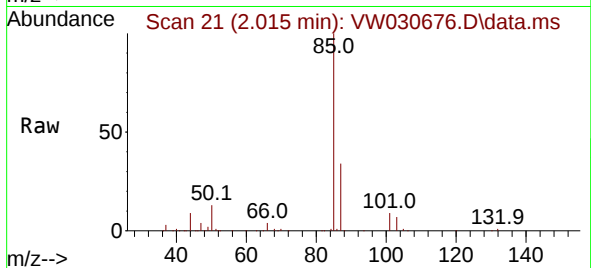




#2
Dichlorodifluoromethane
Concen: 20.502 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

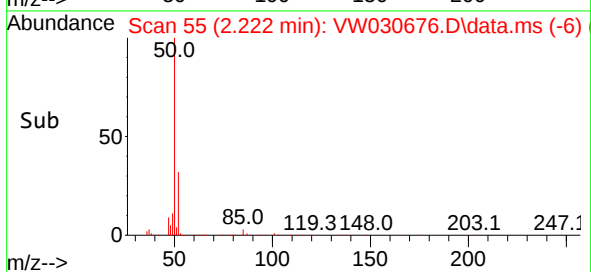
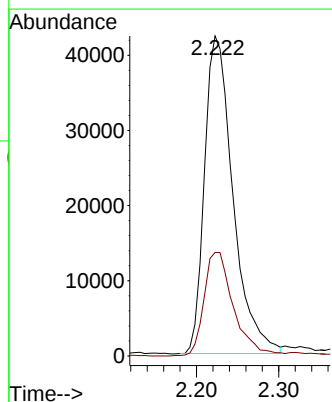
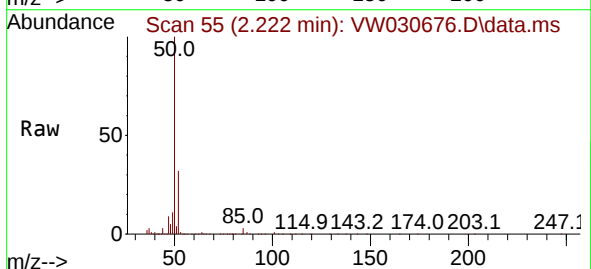
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MSVOA_W
ClientSampleId :

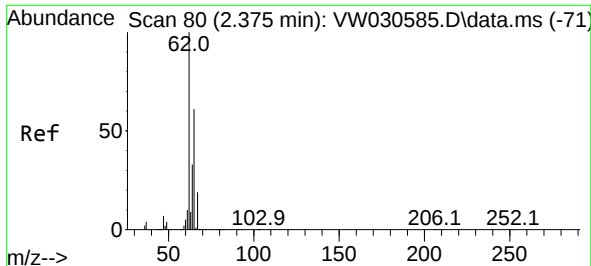
Tgt Ion: 85 Resp: 68621
Ion Ratio Lower Upper
85 100
87 39.1 23.8 35.6#



#3
Chloromethane
Concen: 26.136 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

Tgt Ion: 50 Resp: 101672
Ion Ratio Lower Upper
50 100
52 32.3 23.7 43.9

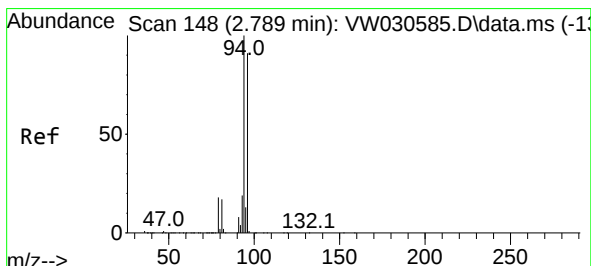
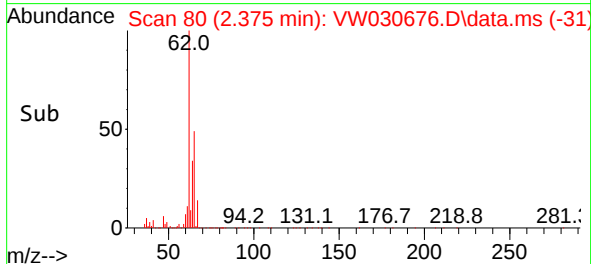
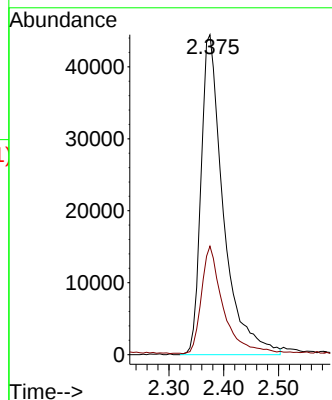
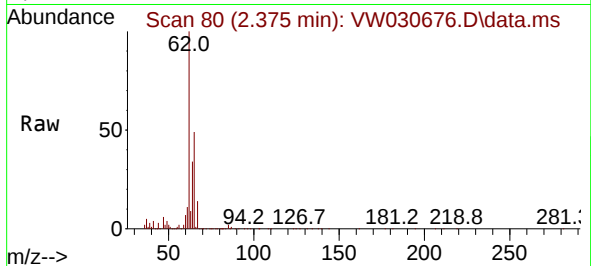




#5
 Vinyl chloride
 Concen: 26.346 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030676.D
 Acq: 21 Oct 2024 09:31

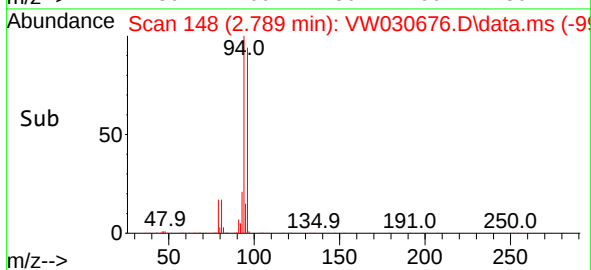
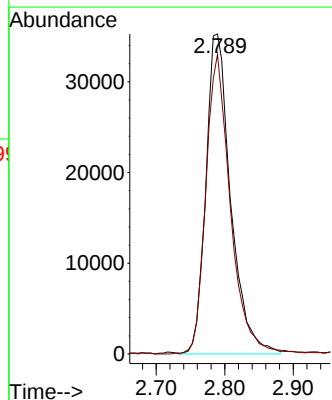
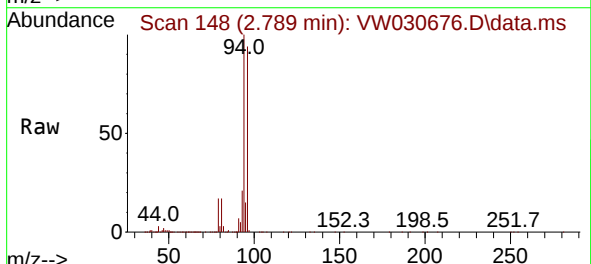
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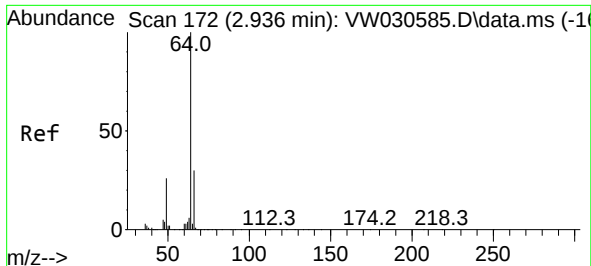
Tgt Ion: 62 Resp: 126036
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.6 42.0



#6
 Bromomethane
 Concen: 28.224 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030676.D
 Acq: 21 Oct 2024 09:31

Tgt Ion: 94 Resp: 88869
 Ion Ratio Lower Upper
 94 100
 96 93.7 62.6 116.2

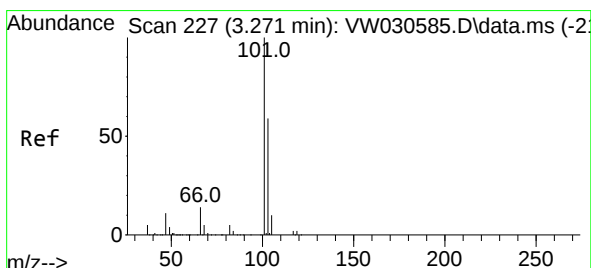
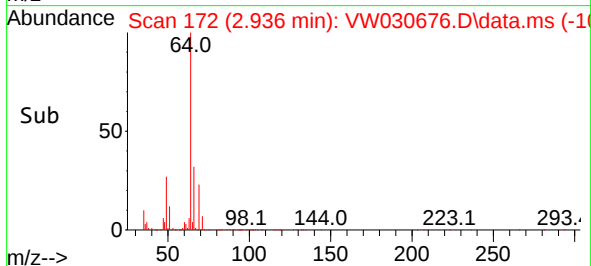
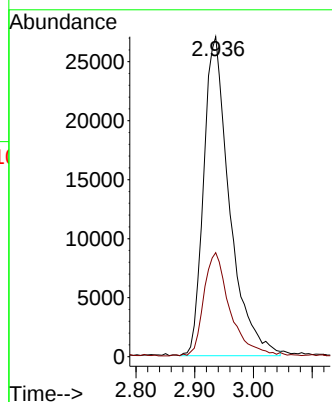
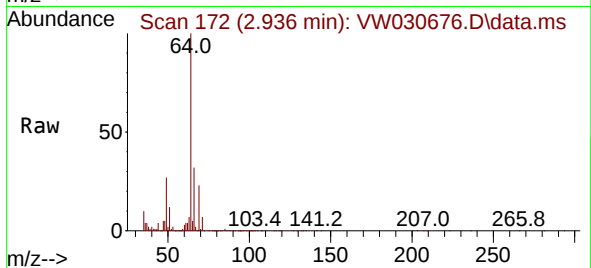




#8
Chloroethane
Concen: 28.321 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

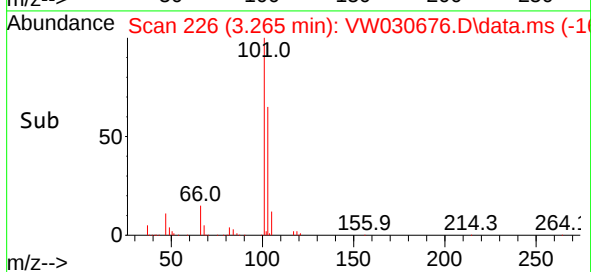
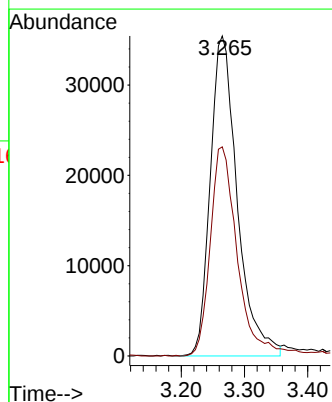
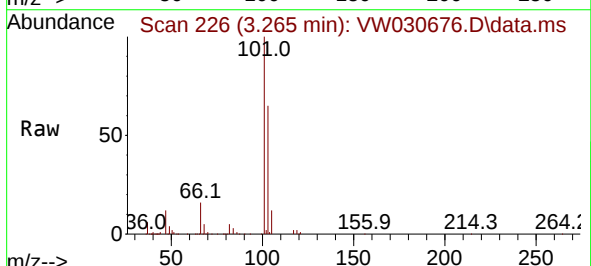
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ClientSampleId :

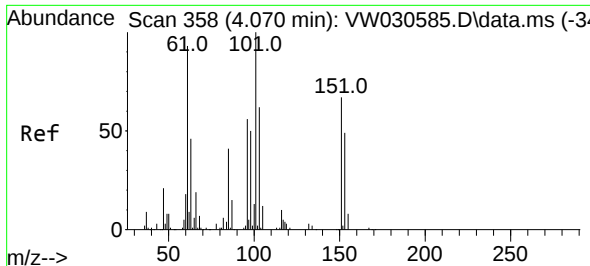
Tgt Ion: 64 Resp: 82823
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 24.530 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

Tgt Ion:101 Resp: 105000
Ion Ratio Lower Upper
101 100
103 65.1 51.1 76.7

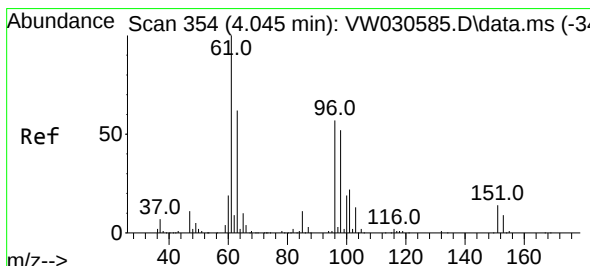
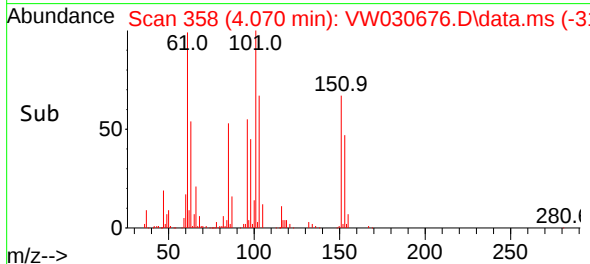
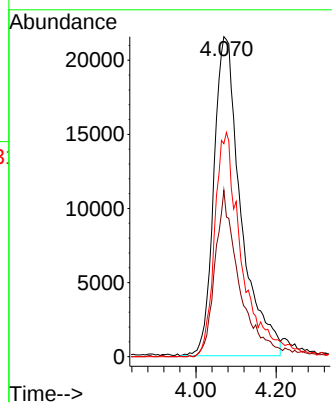
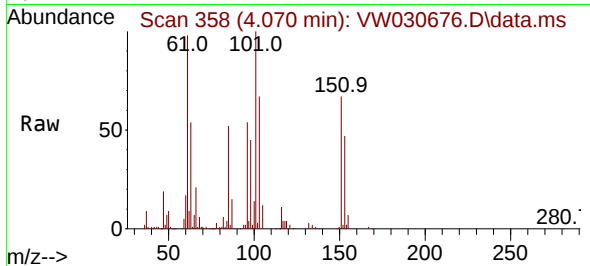




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.219 ug/L
 RT: 4.070 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW030676.D
 Acq: 21 Oct 2024 09:31

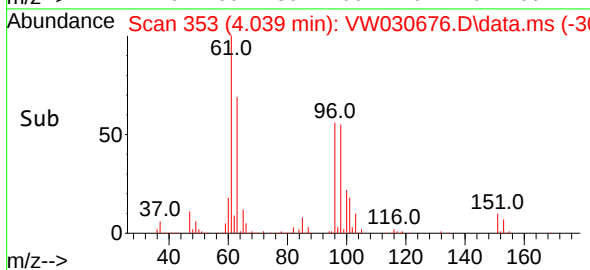
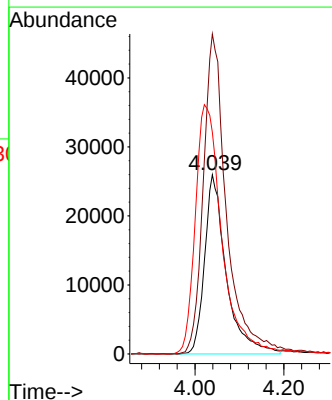
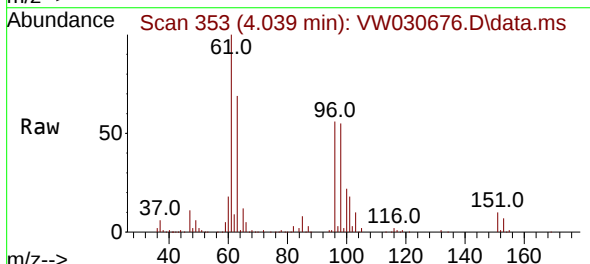
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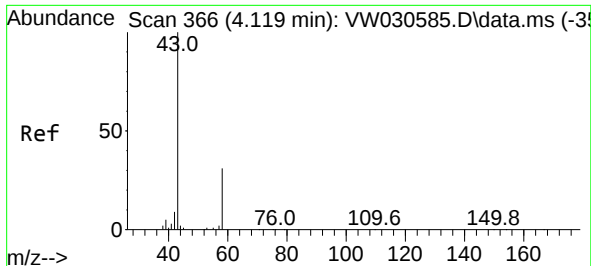
Tgt Ion:101 Resp: 100973
 Ion Ratio Lower Upper
 101 100
 85 41.9 35.7 53.5
 151 63.5 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 25.024 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW030676.D
 Acq: 21 Oct 2024 09:31

Tgt Ion: 96 Resp: 87953
 Ion Ratio Lower Upper
 96 100
 61 178.6 121.3 225.3
 63 123.7 87.6 162.8

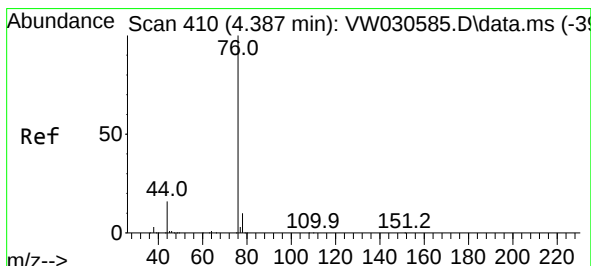
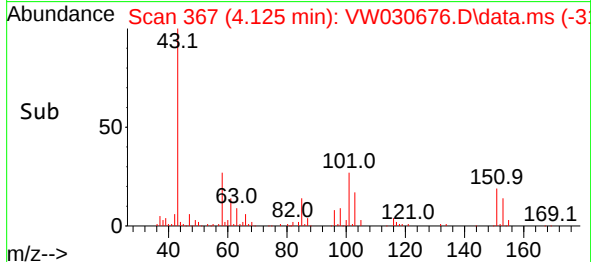
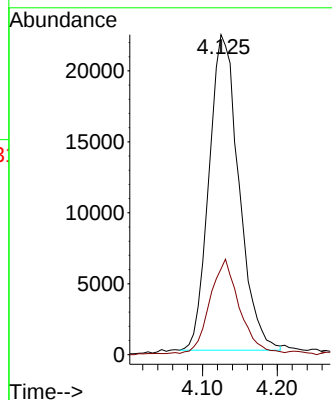
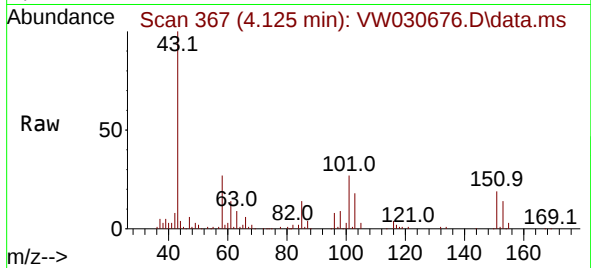




#13
Acetone
Concen: 57.110 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

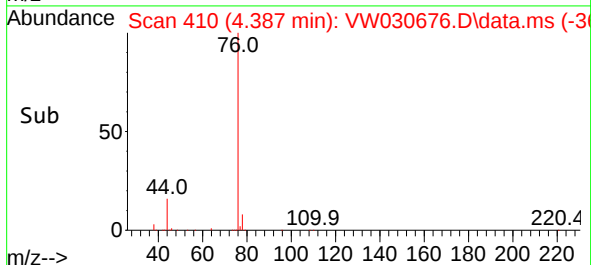
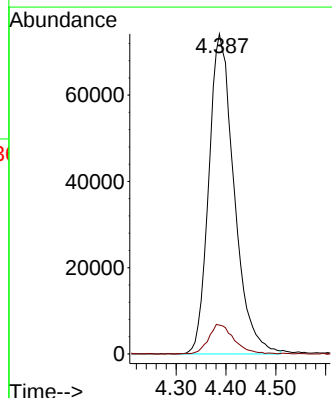
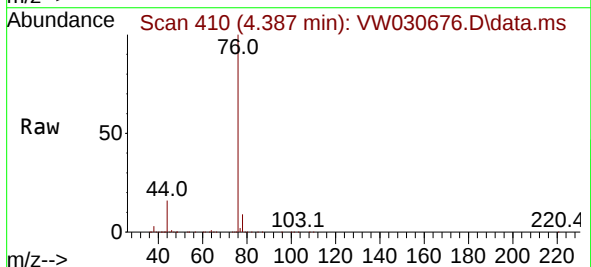
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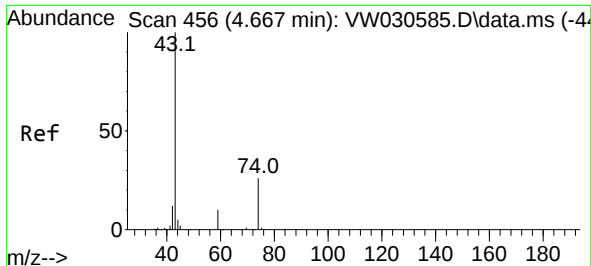
Tgt Ion: 43 Resp: 61959
Ion Ratio Lower Upper
43 100
58 30.3 0.0 57.6



#14
Carbon disulfide
Concen: 22.831 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

Tgt Ion: 76 Resp: 262038
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

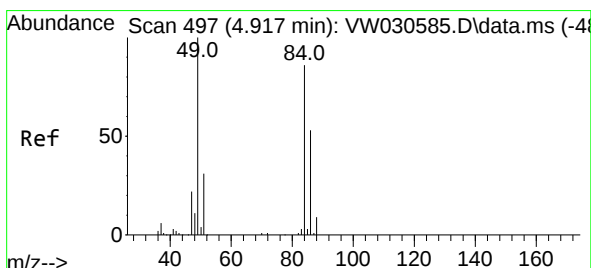
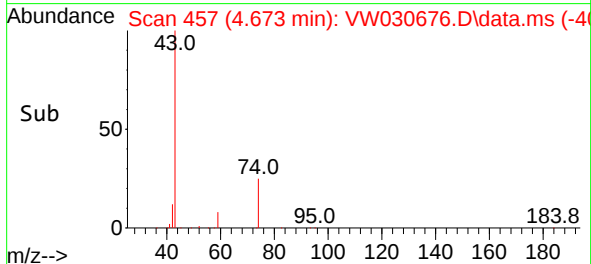
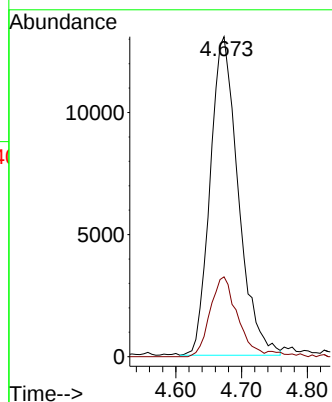
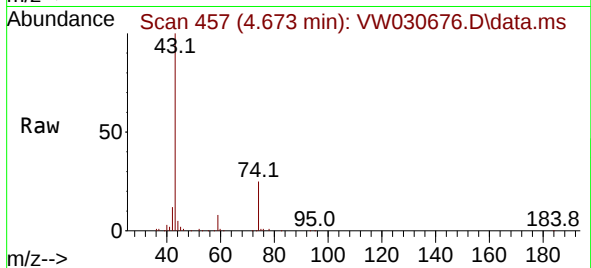




#15
Methyl Acetate
Concen: 28.955 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

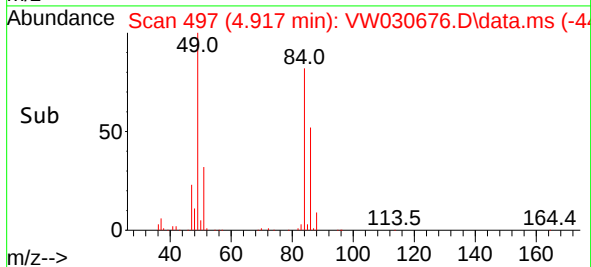
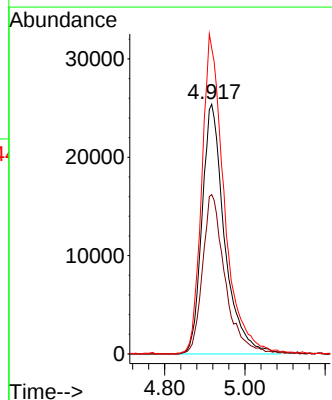
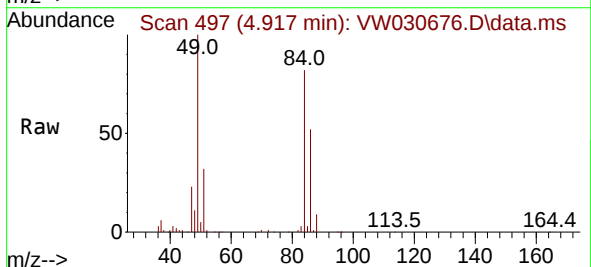
Instrument :
MSVOA_W
ClientSampleId :

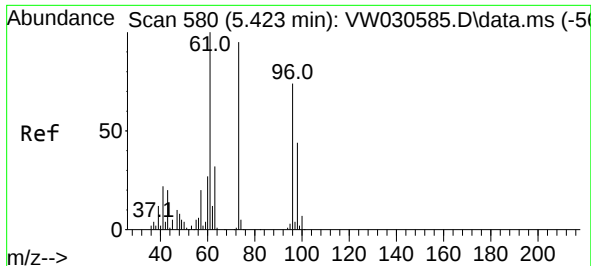
Tgt Ion: 43 Resp: 38804
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9



#16
Methylene chloride
Concen: 25.012 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

Tgt Ion: 84 Resp: 99057
Ion Ratio Lower Upper
84 100
86 63.8 43.8 81.3
49 122.4 88.3 164.1

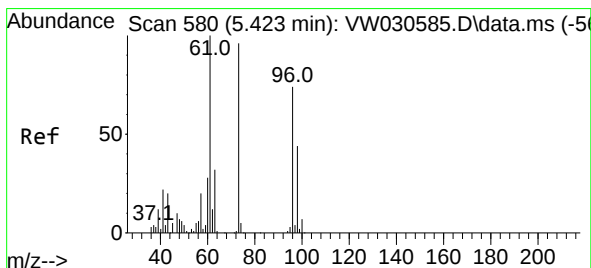
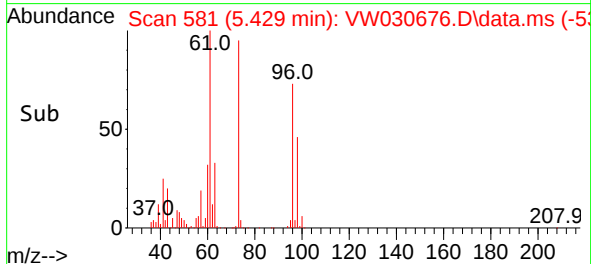
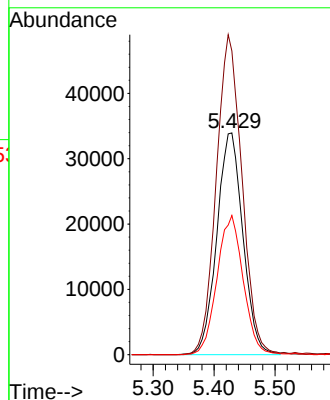
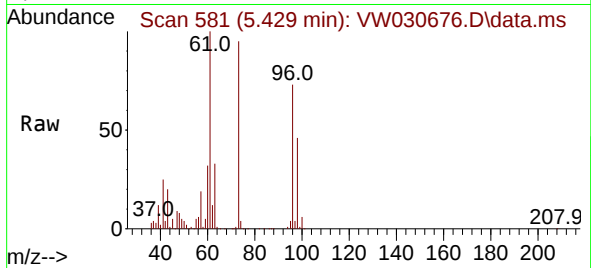




#17
trans-1,2-Dichloroethene
Concen: 26.595 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

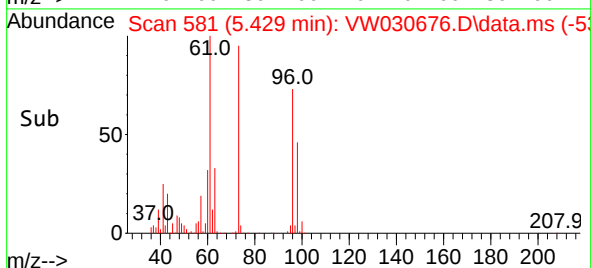
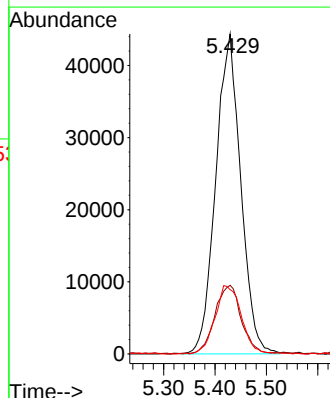
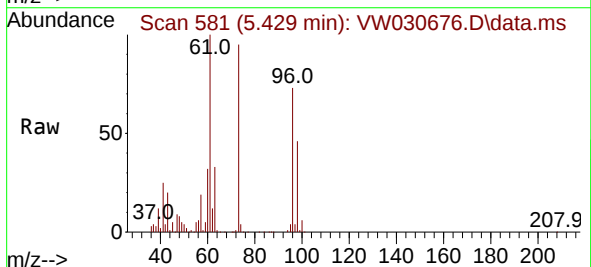
Instrument :
MSVOA_W
ClientSampleId :

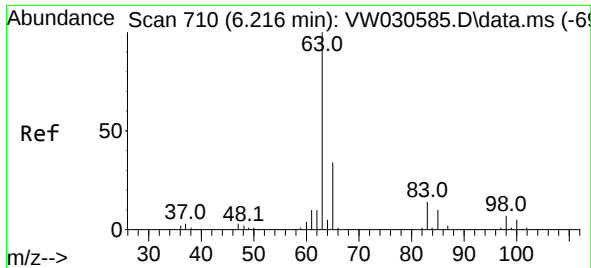
Tgt Ion: 96 Resp: 100864
Ion Ratio Lower Upper
96 100
61 137.0 96.9 179.9
98 62.8 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 28.192 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

Tgt Ion: 73 Resp: 149639
Ion Ratio Lower Upper
73 100
43 22.4 18.1 27.1
57 22.5 17.7 26.5

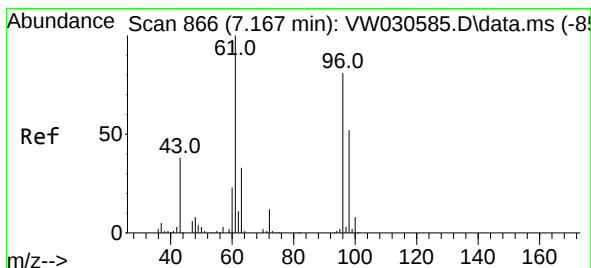
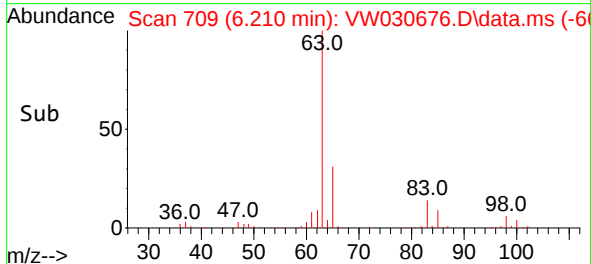
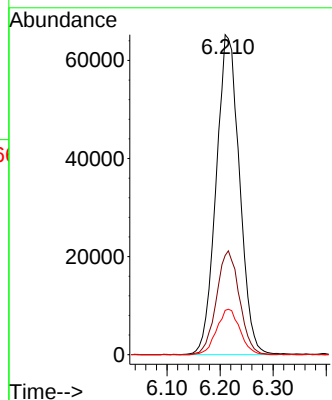
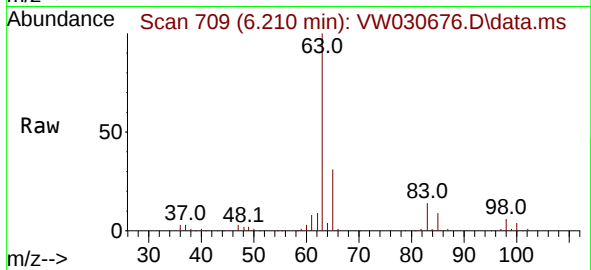




#19
1,1-Dichloroethane
Concen: 28.286 ug/L
RT: 6.210 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

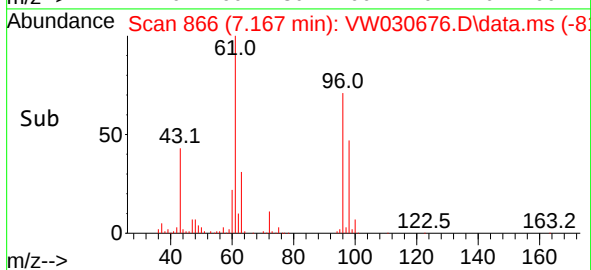
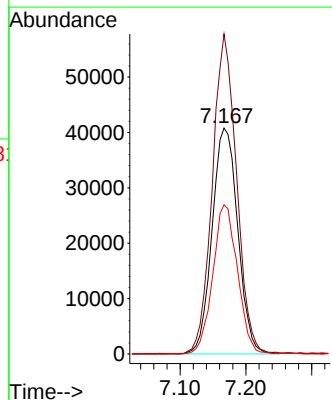
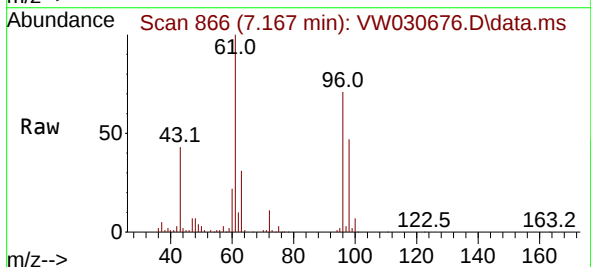
Instrument :
MSVOA_W
ClientSampleId :

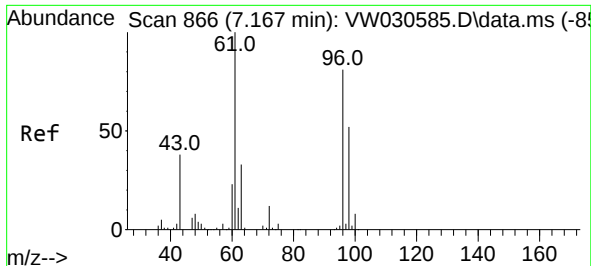
Tgt Ion: 63 Resp: 199382
Ion Ratio Lower Upper
63 100
65 31.0 22.5 41.9
83 13.8 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 27.396 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

Tgt Ion: 96 Resp: 110822
Ion Ratio Lower Upper
96 100
61 141.6 88.3 163.9
98 66.0 41.3 76.7

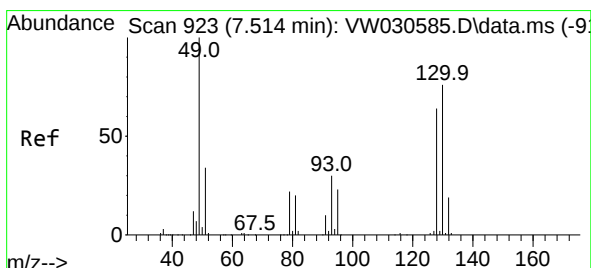
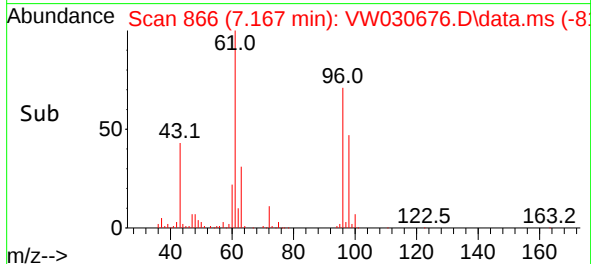
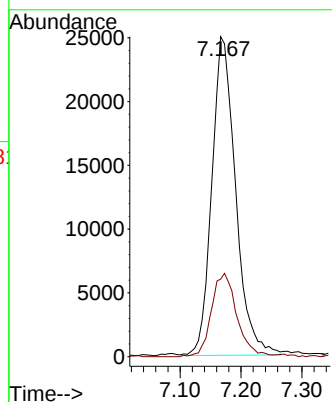
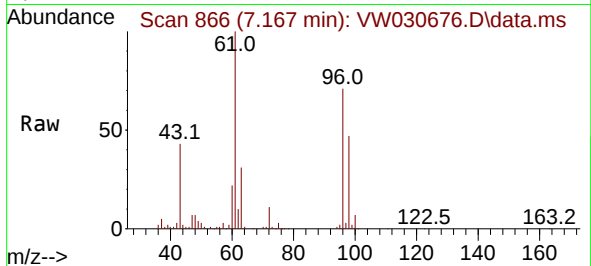




#22
2-Butanone
Concen: 57.942 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

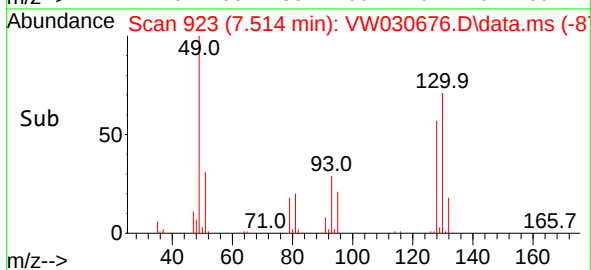
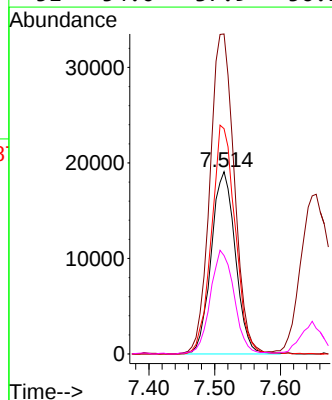
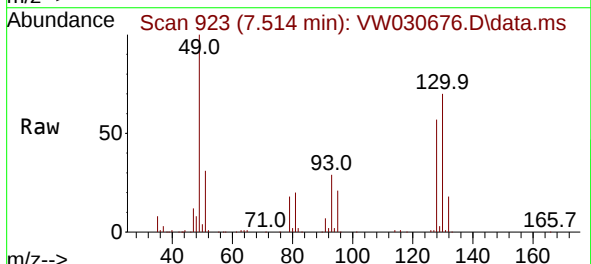
Instrument :
MSVOA_W
ClientSampleId :

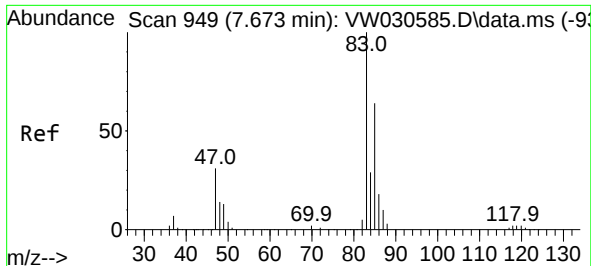
Tgt Ion: 43 Resp: 67760
Ion Ratio Lower Upper
43 100
72 26.9 14.4 43.0



#23
Bromochloromethane
Concen: 27.541 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

Tgt Ion: 128 Resp: 48739
Ion Ratio Lower Upper
128 100
49 175.6 110.1 204.5
130 123.6 82.9 153.9
51 54.0 37.9 56.9

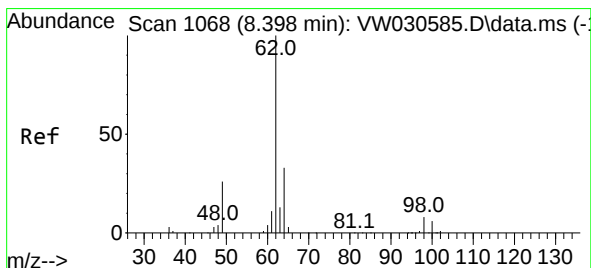
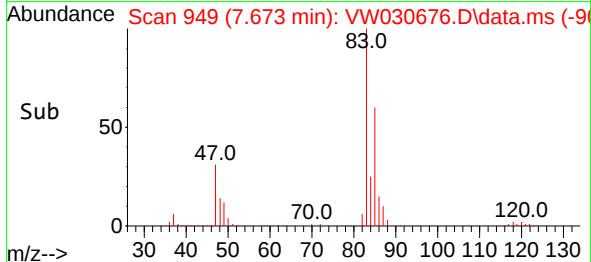
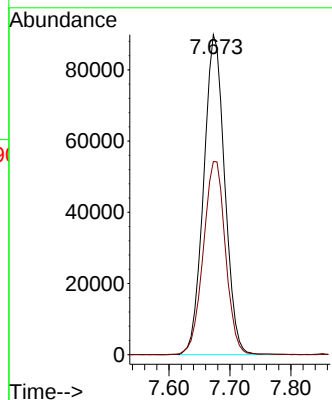
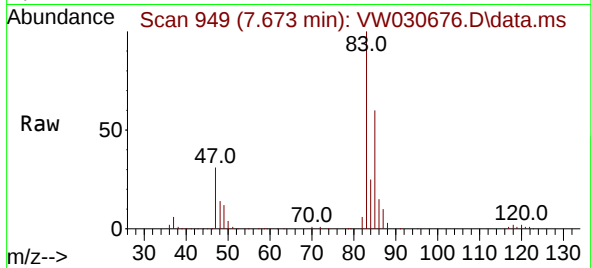




#25
Chloroform
Concen: 28.680 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

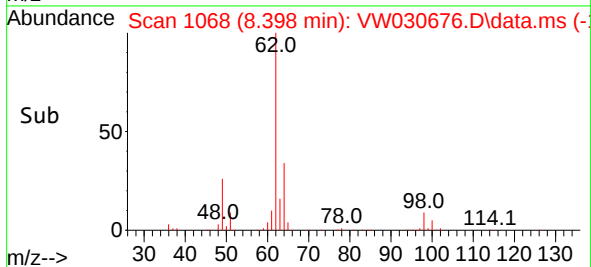
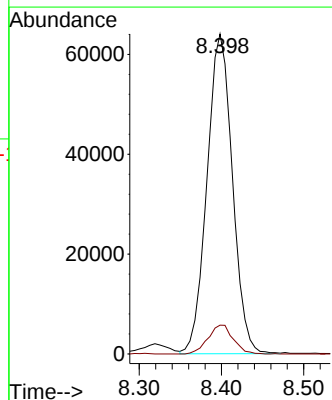
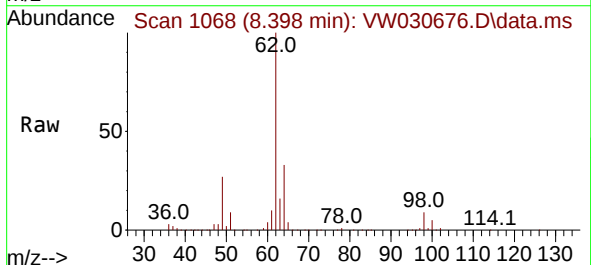
Instrument :
MSVOA_W
ClientSampleId :

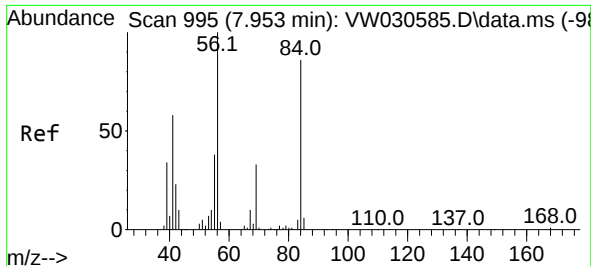
Tgt Ion: 83 Resp: 216036
Ion Ratio Lower Upper
83 100
85 60.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 27.715 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

Tgt Ion: 62 Resp: 137727
Ion Ratio Lower Upper
62 100
98 9.0 7.0 10.6





#29

Cyclohexane

Concen: 25.428 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW030676.D

Acq: 21 Oct 2024 09:31

Instrument :

MSVOA_W

ClientSampleId :

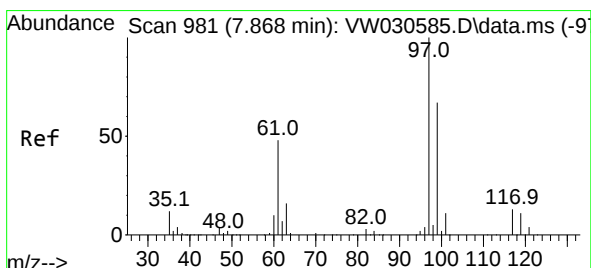
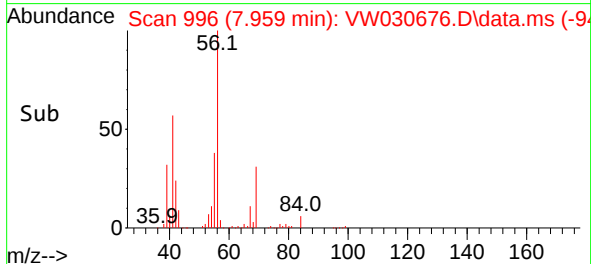
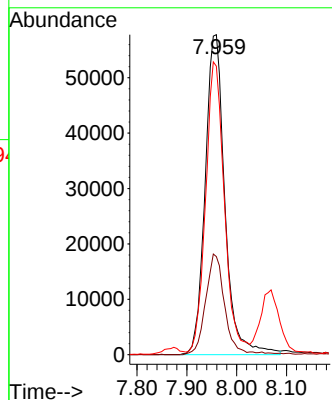
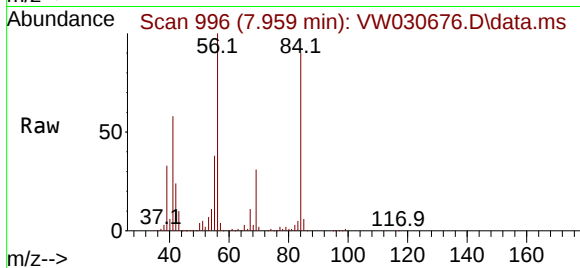
Tgt Ion: 56 Resp: 158819

Ion Ratio Lower Upper

56 100

69 29.5 25.4 38.0

84 87.0 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 25.204 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW030676.D

Acq: 21 Oct 2024 09:31

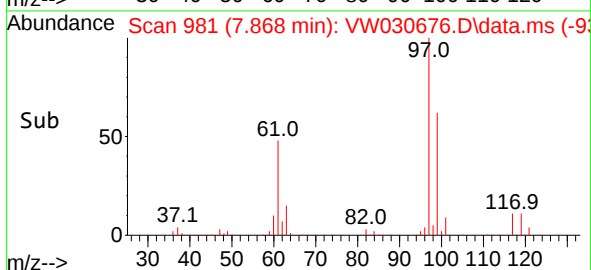
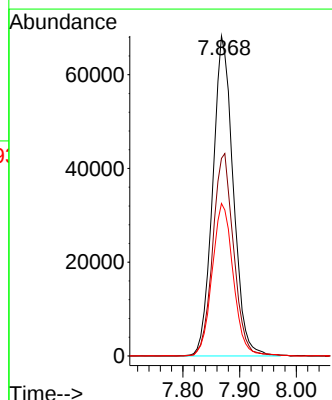
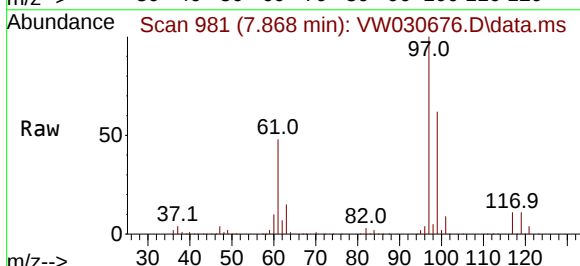
Tgt Ion: 97 Resp: 171671

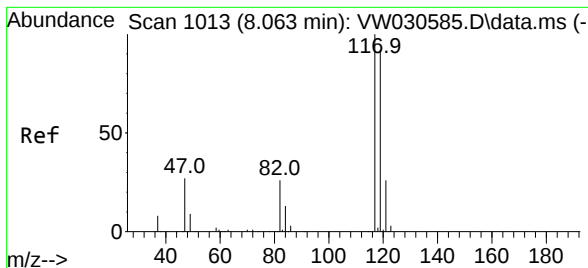
Ion Ratio Lower Upper

97 100

99 64.2 52.3 78.5

61 48.3 38.5 57.7





#31

Carbon tetrachloride

Concen: 25.459 ug/L

RT: 8.069 min Scan# 1013

Delta R.T. 0.000 min

Lab File: VW030676.D

Acq: 21 Oct 2024 09:31

Instrument :

MSVOA_W

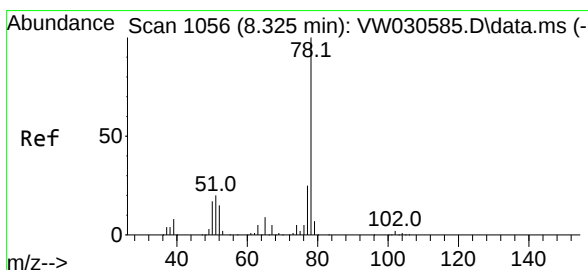
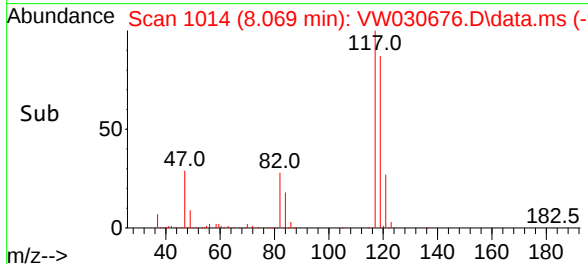
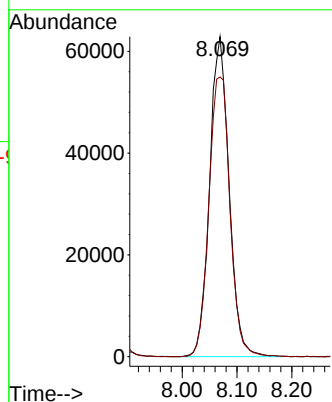
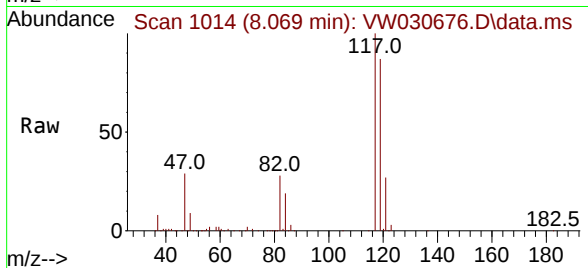
ClientSampleId :

Tgt Ion:117 Resp: 154879

Ion Ratio Lower Upper

117 100

119 94.9 77.8 116.8



#33

Benzene

Concen: 26.184 ug/L

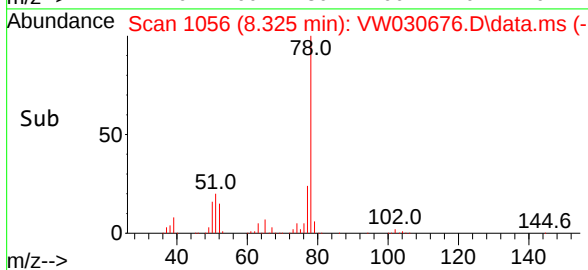
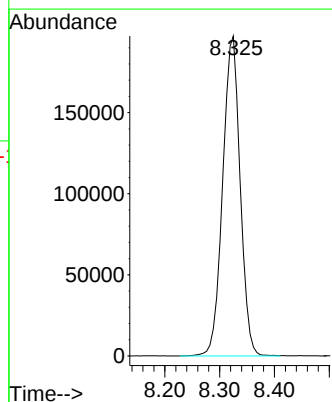
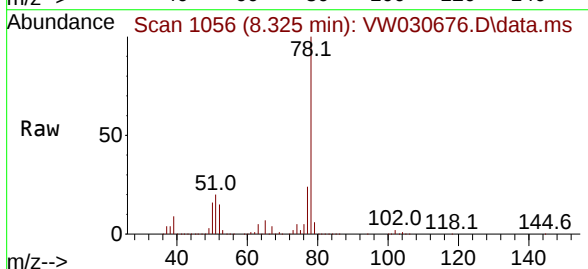
RT: 8.325 min Scan# 1056

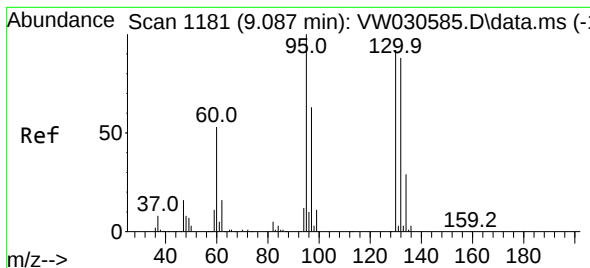
Delta R.T. 0.000 min

Lab File: VW030676.D

Acq: 21 Oct 2024 09:31

Tgt Ion: 78 Resp: 437194





#34

Trichloroethene

Concen: 25.148 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW030676.D

Acq: 21 Oct 2024 09:31

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 116817

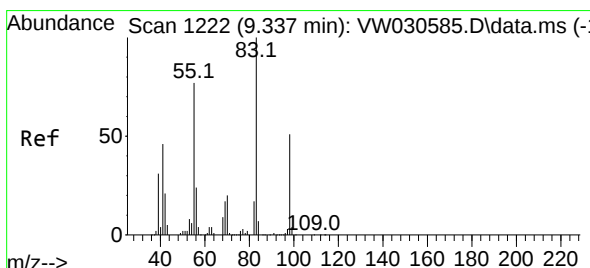
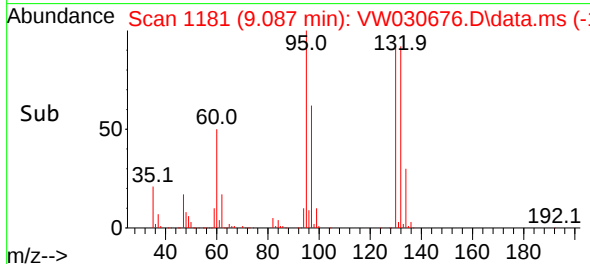
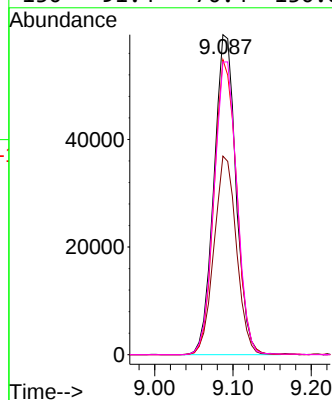
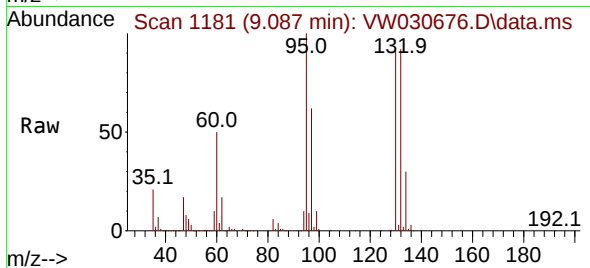
Ion Ratio Lower Upper

95 100

97 62.0 45.9 85.3

132 92.2 66.4 123.2

130 91.4 70.4 130.8



#35

Methylcyclohexane

Concen: 24.813 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW030676.D

Acq: 21 Oct 2024 09:31

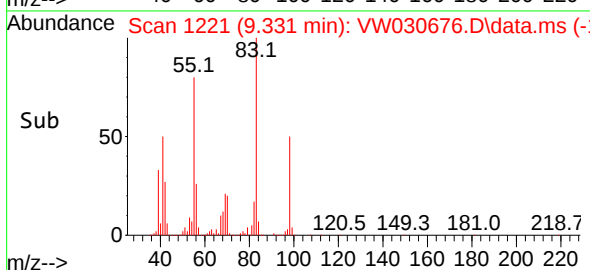
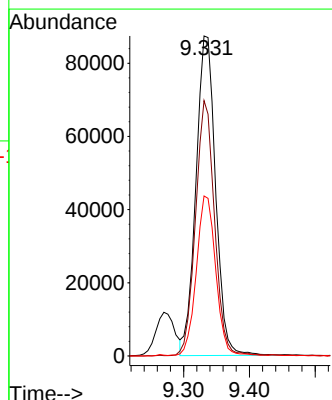
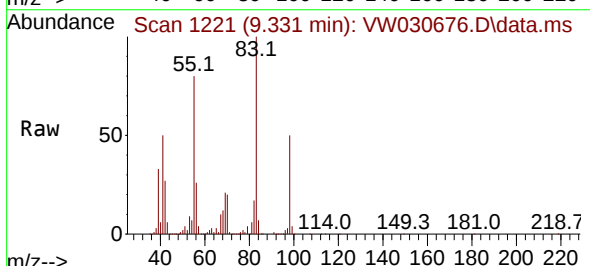
Tgt Ion: 83 Resp: 181397

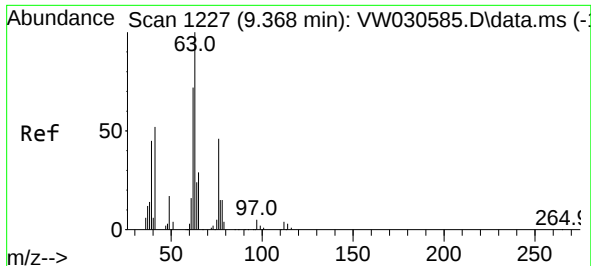
Ion Ratio Lower Upper

83 100

55 77.7 61.8 92.8

98 49.8 39.3 58.9





#37

1,2-Dichloropropane

Concen: 26.866 ug/L

RT: 9.368 min Scan# 112037

Delta R.T. 0.000 min

Lab File: VW030676.D

Acq: 21 Oct 2024 09:31

Instrument :

MSVOA_W

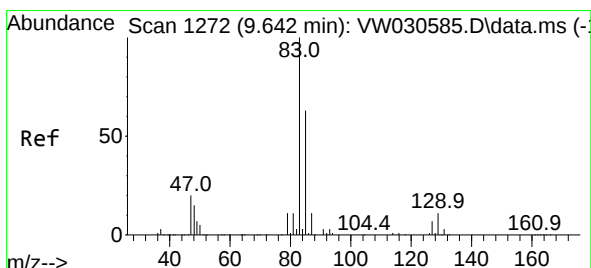
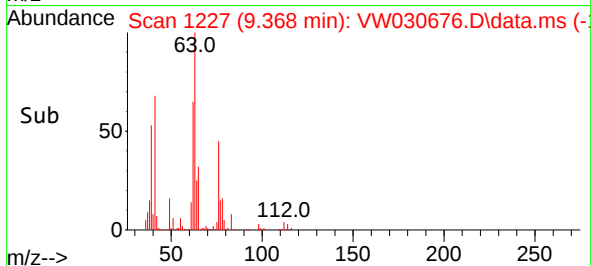
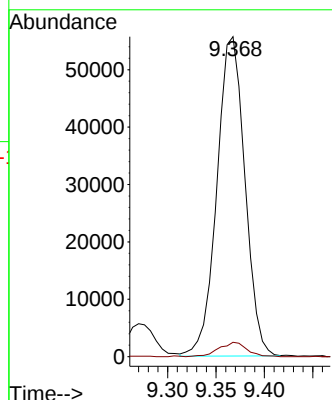
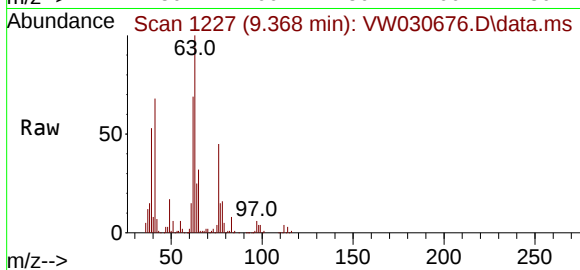
ClientSampleId :

Tgt Ion: 63 Resp: 112037

Ion Ratio Lower Upper

63 100

112 4.5 3.7 5.5



#38

Bromodichloromethane

Concen: 26.987 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030676.D

Acq: 21 Oct 2024 09:31

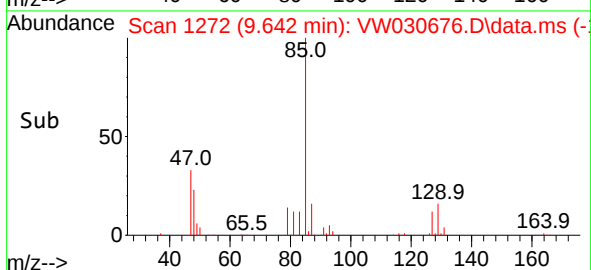
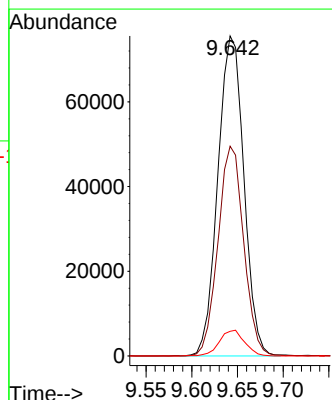
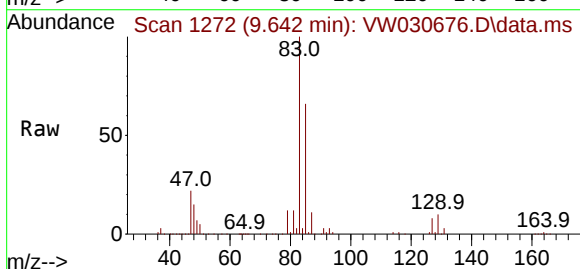
Tgt Ion: 83 Resp: 149730

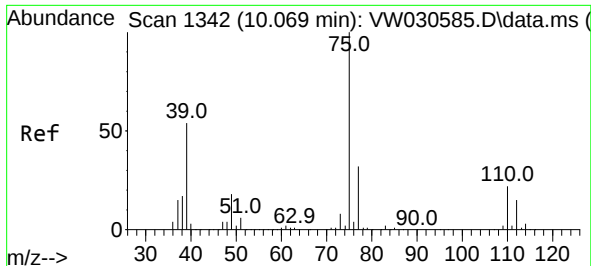
Ion Ratio Lower Upper

83 100

85 65.5 44.2 82.0

127 7.7 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 26.961 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030676.D

Acq: 21 Oct 2024 09:31

Instrument :

MSVOA_W

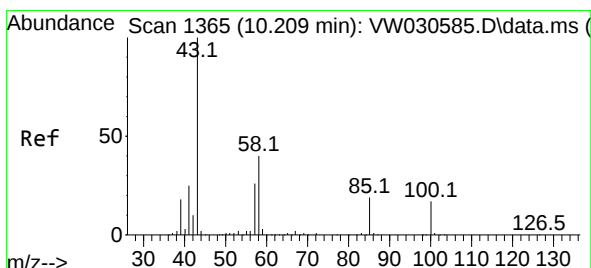
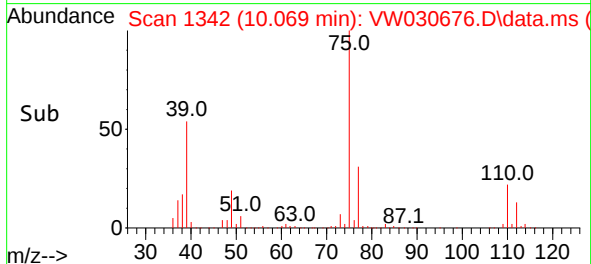
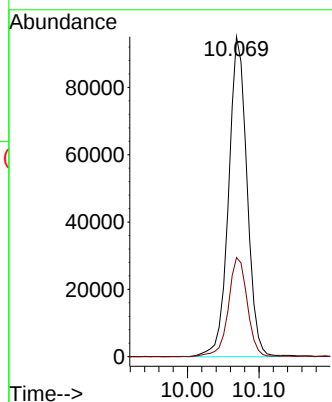
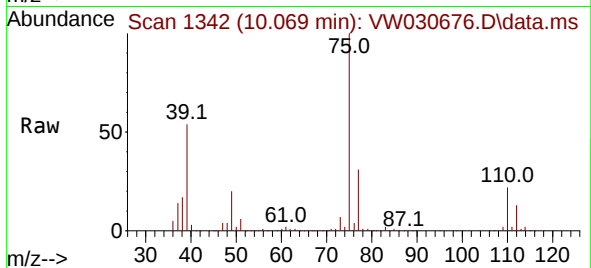
ClientSampleId :

Tgt Ion: 75 Resp: 169589

Ion Ratio Lower Upper

75 100

77 31.0 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 59.292 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030676.D

Acq: 21 Oct 2024 09:31

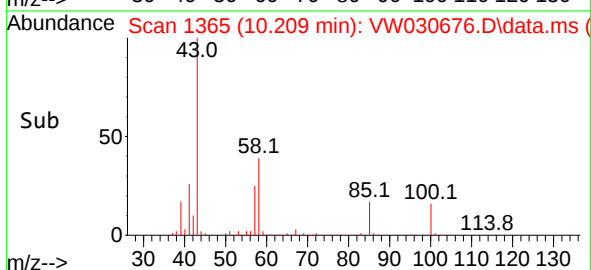
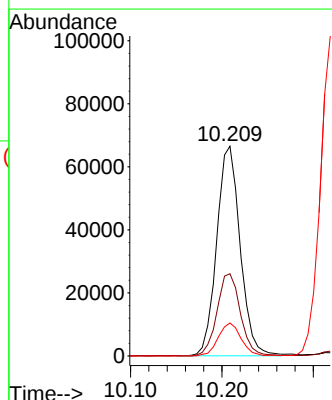
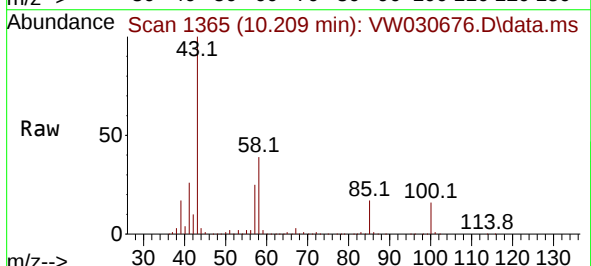
Tgt Ion: 43 Resp: 118786

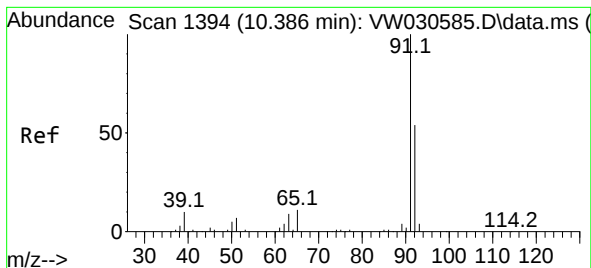
Ion Ratio Lower Upper

43 100

58 39.2 31.4 47.2

100 15.2 13.1 19.7





#42

Toluene

Concen: 26.647 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030676.D

Acq: 21 Oct 2024 09:31

Instrument :

MSVOA_W

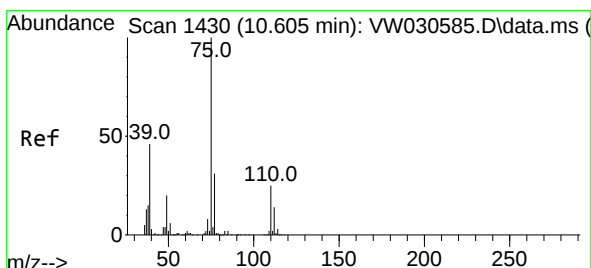
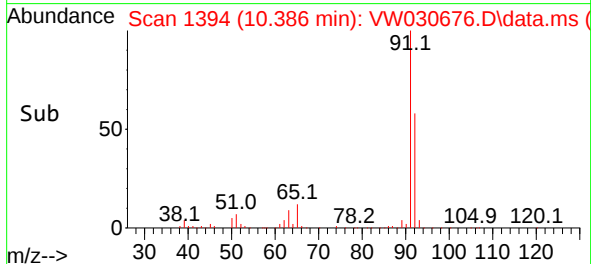
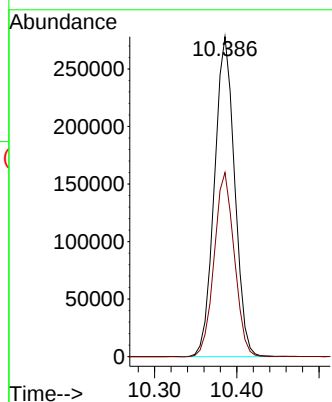
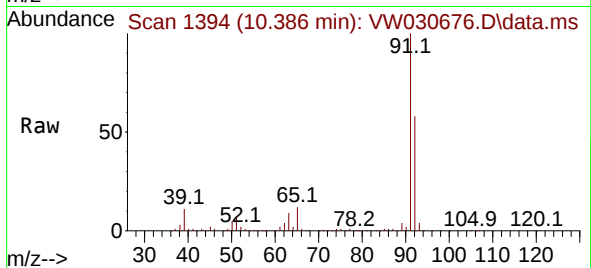
ClientSampleId :

Tgt Ion: 91 Resp: 474678

Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 27.429 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030676.D

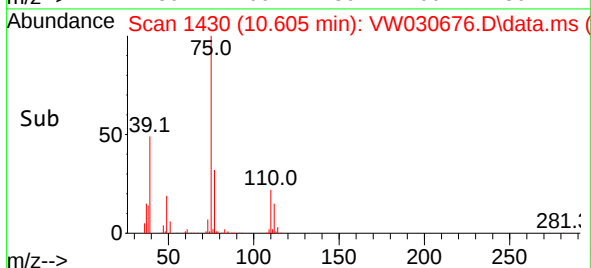
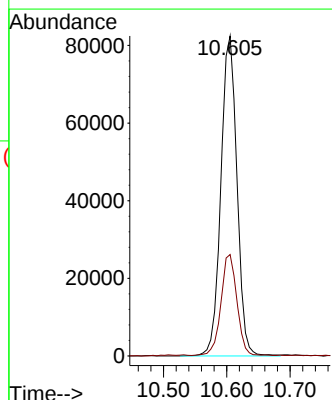
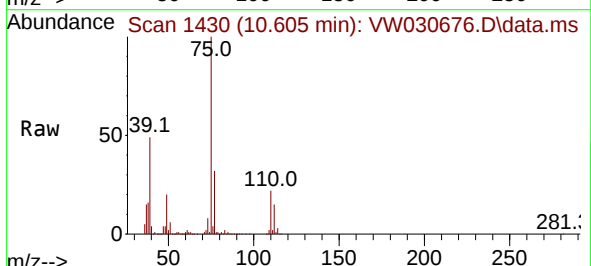
Acq: 21 Oct 2024 09:31

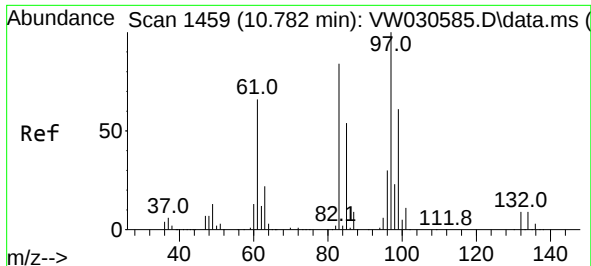
Tgt Ion: 75 Resp: 144982

Ion Ratio Lower Upper

75 100

77 31.7 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 26.645 ug/L

RT: 10.788 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW030676.D

Acq: 21 Oct 2024 09:31

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 80306

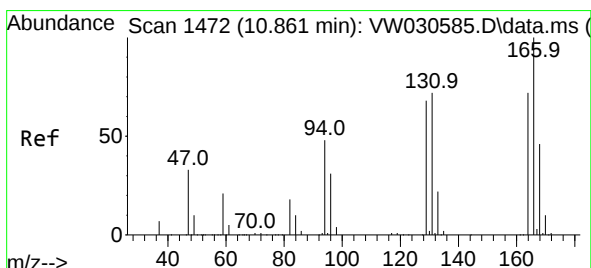
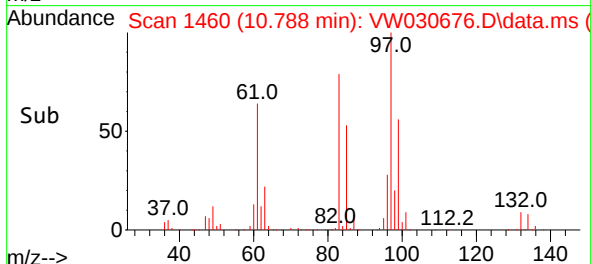
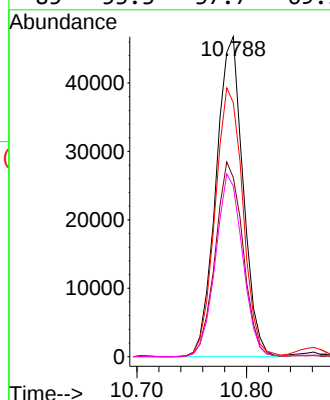
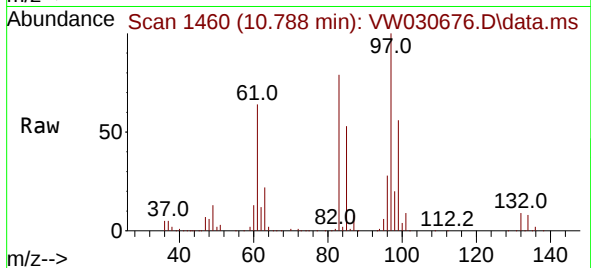
Ion Ratio Lower Upper

97 100

99 56.0 41.2 76.6

83 79.3 59.6 110.6

85 53.3 37.7 69.9



#46

Tetrachloroethene

Concen: 23.816 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW030676.D

Acq: 21 Oct 2024 09:31

Tgt Ion:164 Resp: 81595

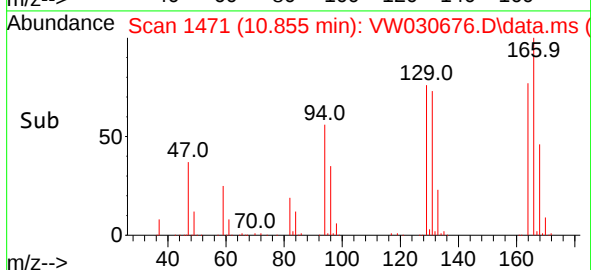
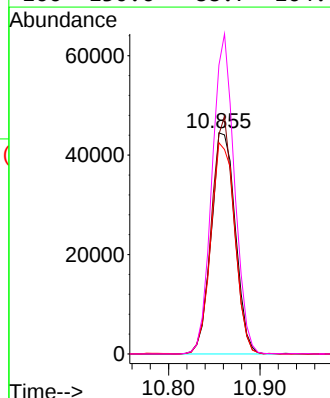
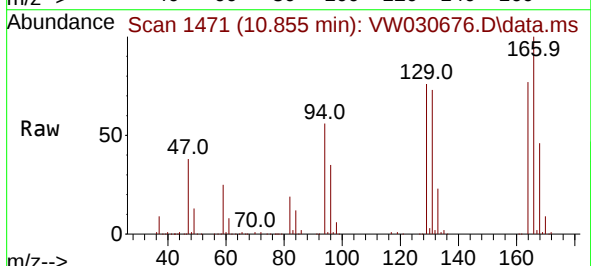
Ion Ratio Lower Upper

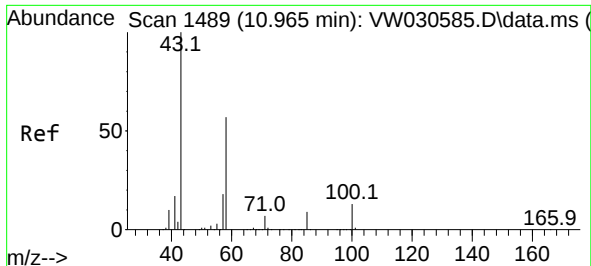
164 100

129 99.4 66.6 123.6

131 95.5 63.7 118.3

166 130.6 88.7 164.7

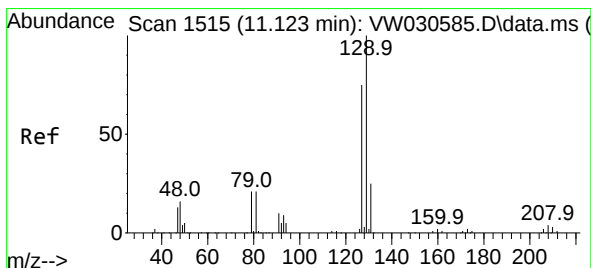
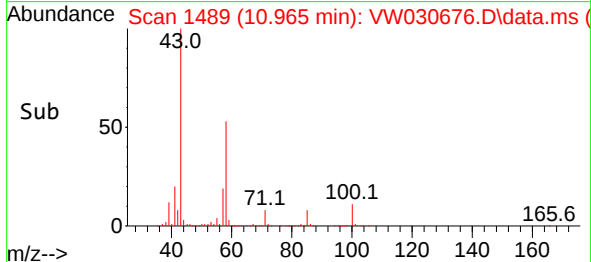
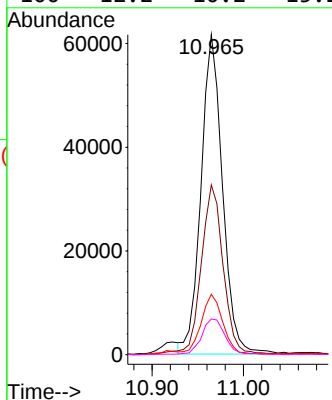
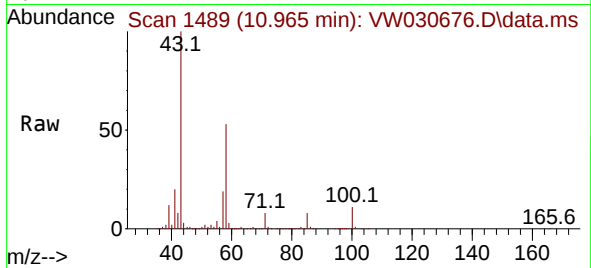




#48
2-Hexanone
Concen: 61.539 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

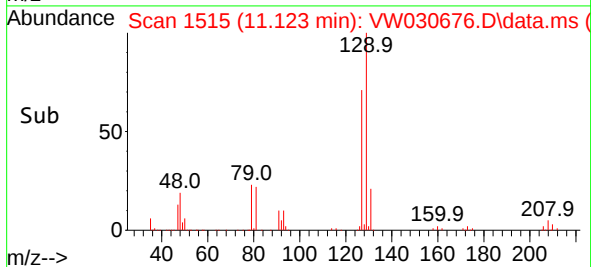
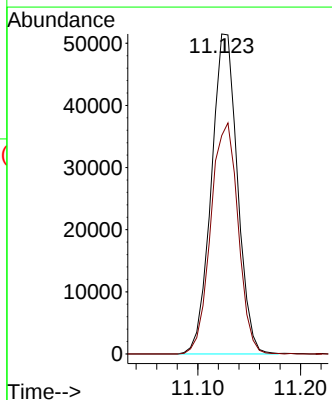
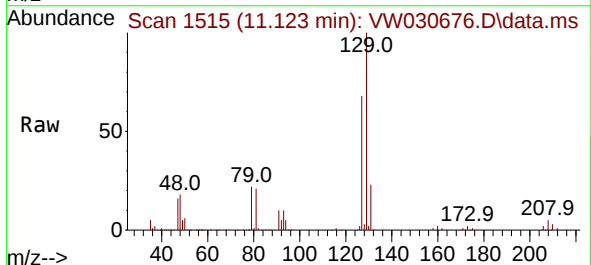
Instrument :
MSVOA_W
ClientSampleId :

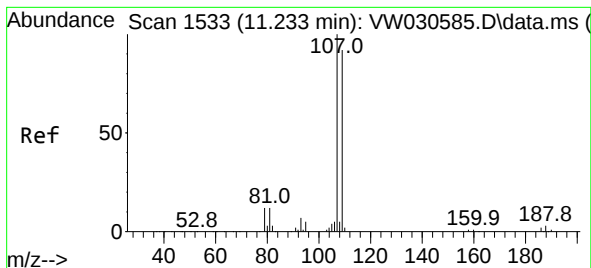
Tgt Ion: 43 Resp: 100822
Ion Ratio Lower Upper
43 100
58 54.6 44.6 67.0
57 19.5 15.8 23.8
100 12.2 10.2 15.2



#49
Dibromochloromethane
Concen: 27.058 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

Tgt Ion:129 Resp: 90995
Ion Ratio Lower Upper
129 100
127 68.3 56.5 104.9

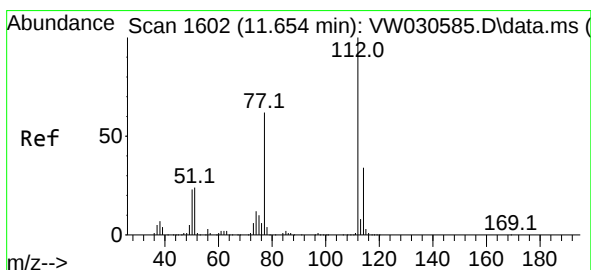
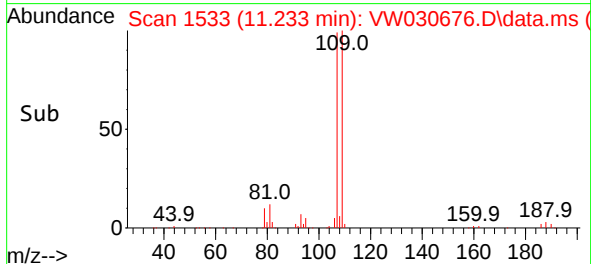
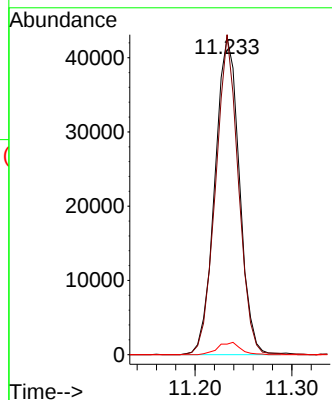
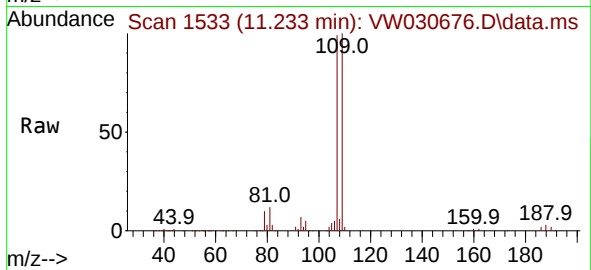




#50
1,2-Dibromoethane
Concen: 26.660 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

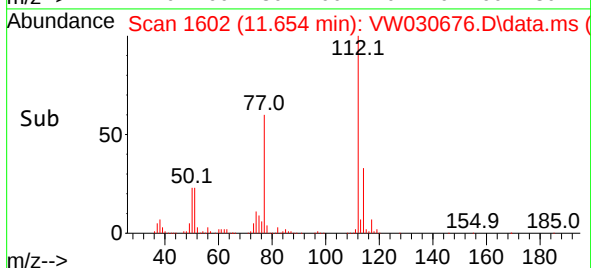
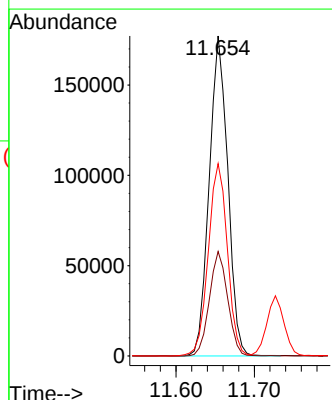
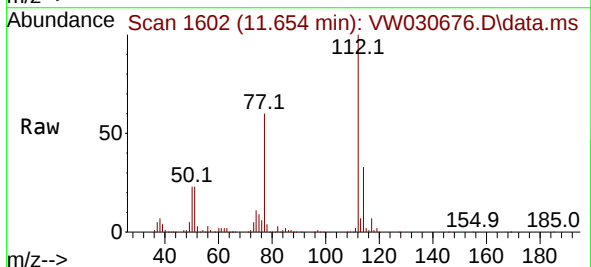
Instrument :
MSVOA_W
ClientSampleId :

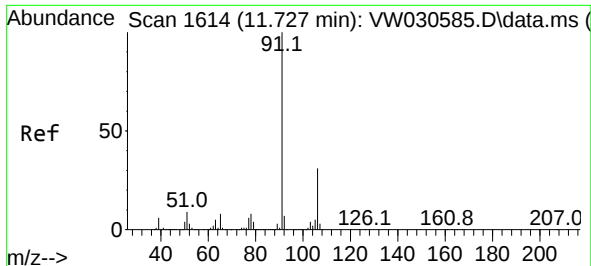
Tgt Ion:107 Resp: 74977
Ion Ratio Lower Upper
107 100
109 100.9 63.8 118.6
188 3.3 2.6 3.8



#51
Chlorobenzene
Concen: 25.419 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

Tgt Ion:112 Resp: 291484
Ion Ratio Lower Upper
112 100
114 32.6 22.4 41.6
77 60.1 47.1 70.7

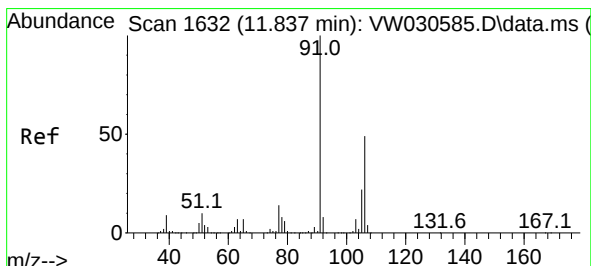
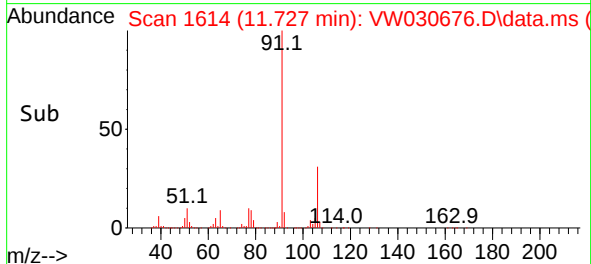
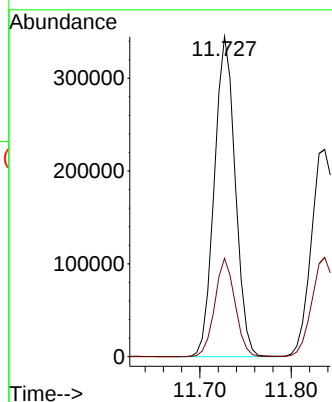
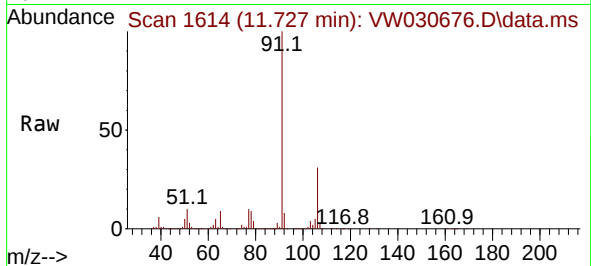




#52
Ethylbenzene
Concen: 27.015 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

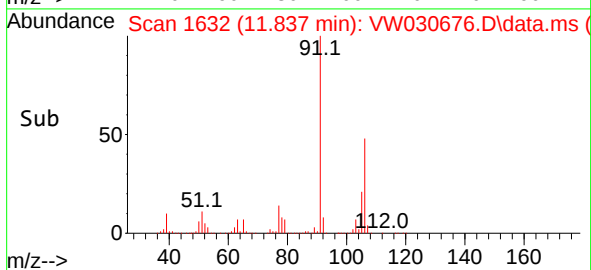
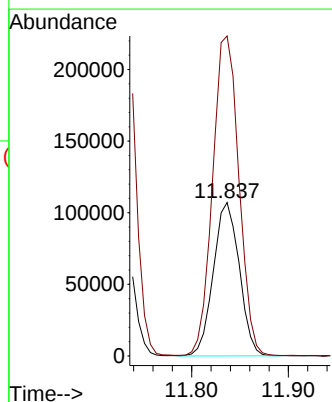
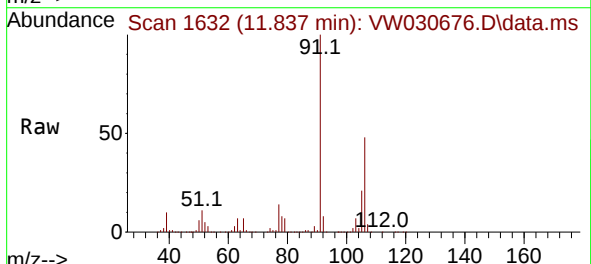
Instrument :
MSVOA_W
ClientSampleId :

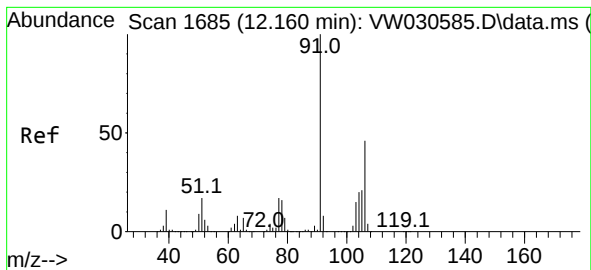
Tgt Ion: 91 Resp: 549106
Ion Ratio Lower Upper
91 100
106 30.7 21.1 39.1



#53
m,p-Xylene
Concen: 26.154 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

Tgt Ion:106 Resp: 199163
Ion Ratio Lower Upper
106 100
91 208.5 140.6 261.2





#54

o-Xylene

Concen: 26.733 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030676.D

Acq: 21 Oct 2024 09:31

Instrument :

MSVOA_W

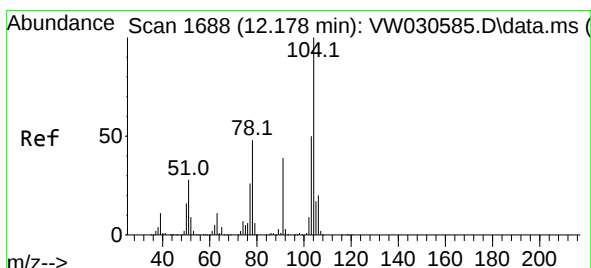
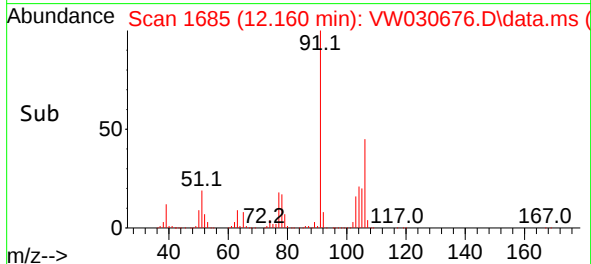
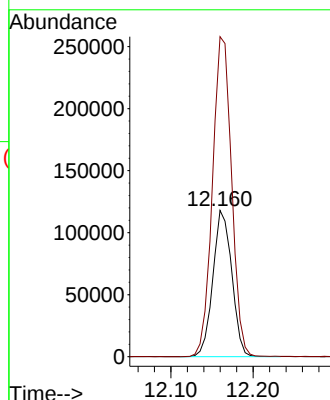
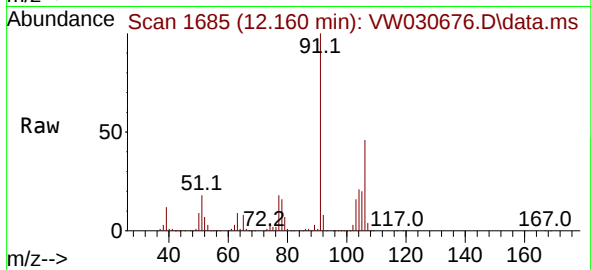
ClientSampleId :

Tgt Ion:106 Resp: 188206

Ion Ratio Lower Upper

106 100

91 218.8 144.5 268.4



#55

Styrene

Concen: 28.042 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030676.D

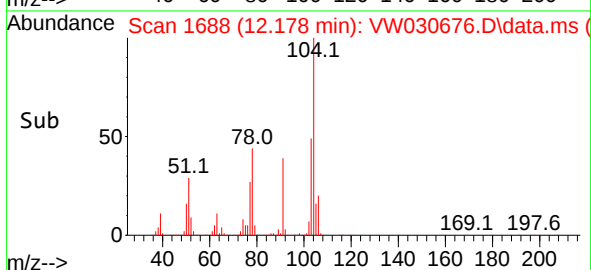
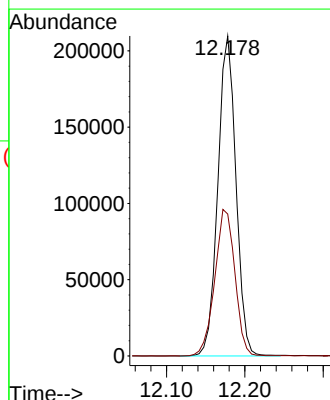
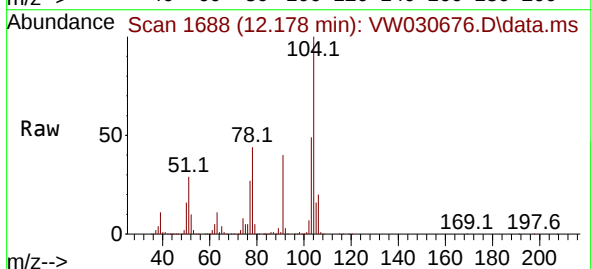
Acq: 21 Oct 2024 09:31

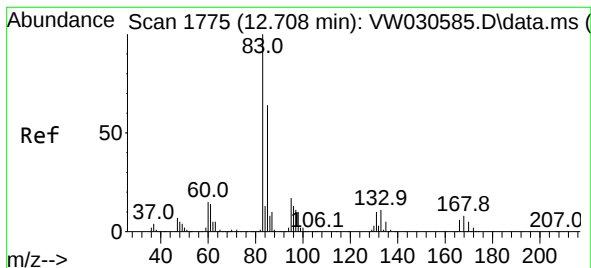
Tgt Ion:104 Resp: 337498

Ion Ratio Lower Upper

104 100

78 44.3 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 28.140 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030676.D

Acq: 21 Oct 2024 09:31

Instrument :

MSVOA_W

ClientSampleId :

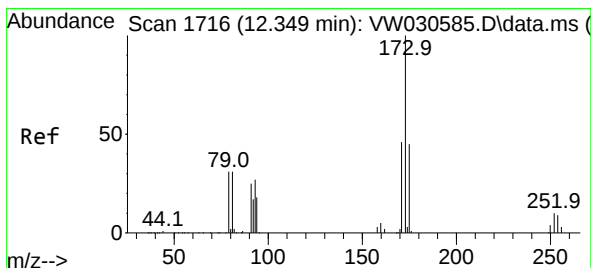
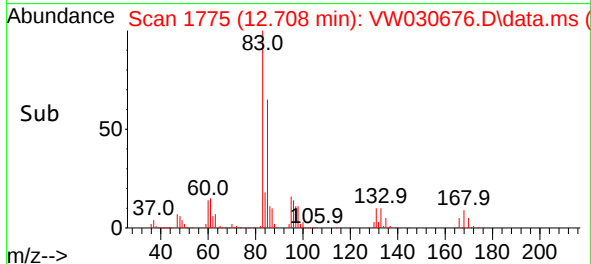
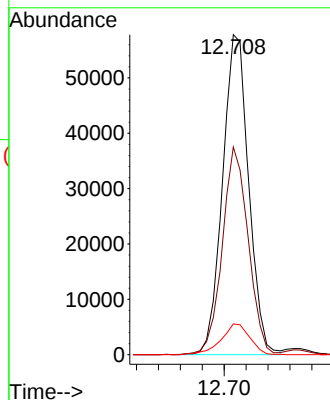
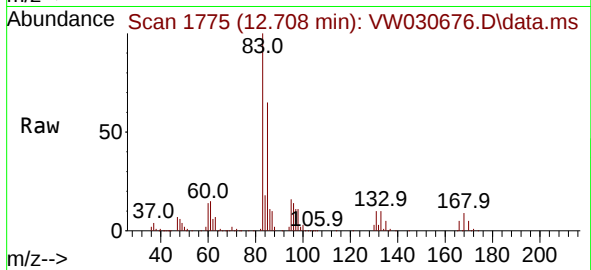
Tgt Ion: 83 Resp: 95641

Ion Ratio Lower Upper

83 100

85 64.9 42.6 79.2

131 9.6 7.4 11.0



#59

Bromoform

Concen: 27.211 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW030676.D

Acq: 21 Oct 2024 09:31

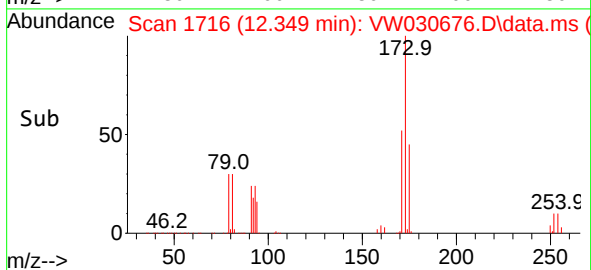
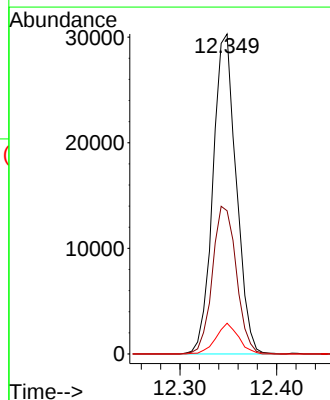
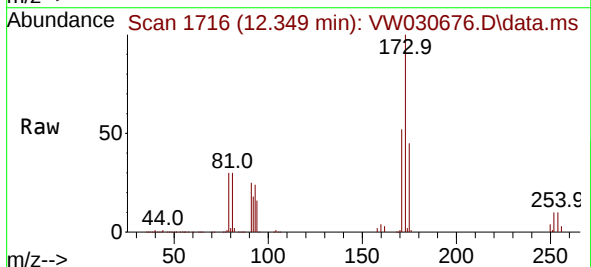
Tgt Ion:173 Resp: 50673

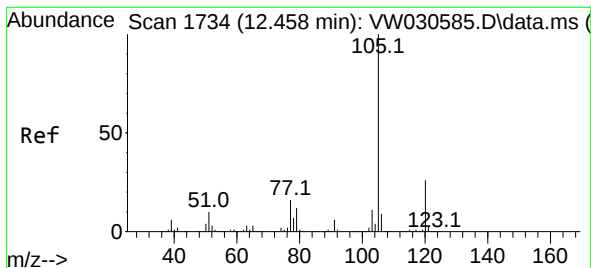
Ion Ratio Lower Upper

173 100

175 47.6 39.0 58.4

254 9.3 7.7 11.5





#60

Isopropylbenzene

Concen: 26.282 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030676.D

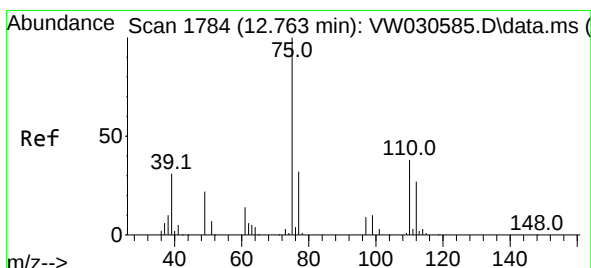
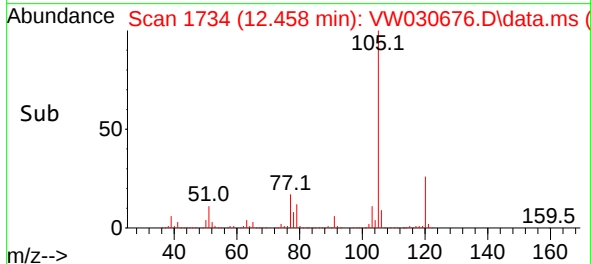
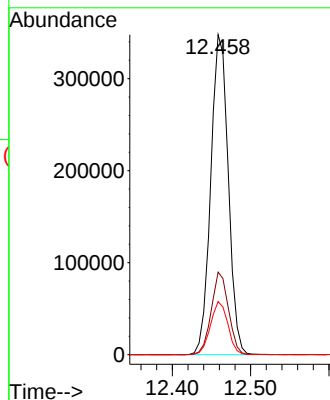
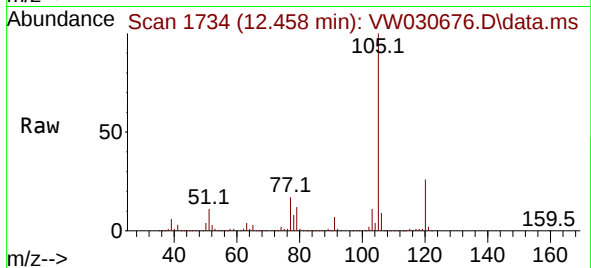
Acq: 21 Oct 2024 09:31

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	539456
Ion Ratio	Lower	Upper	
105	100		
120	25.3	20.6	31.0
77	16.5	13.4	20.0



#61

1,2,3-Trichloropropane

Concen: 26.436 ug/L

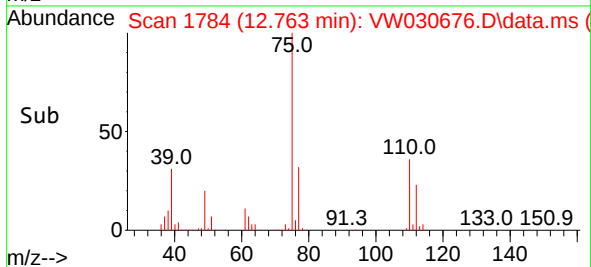
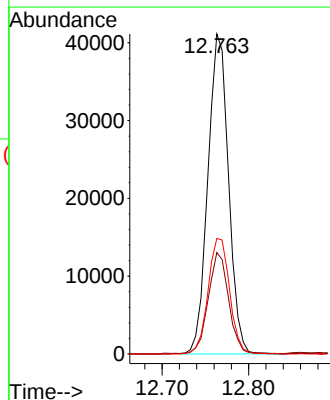
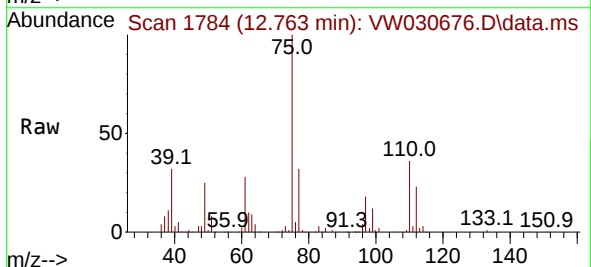
RT: 12.763 min Scan# 1784

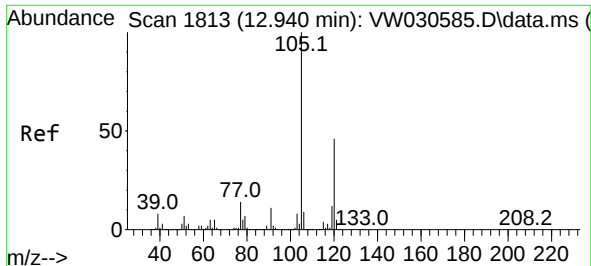
Delta R.T. 0.000 min

Lab File: VW030676.D

Acq: 21 Oct 2024 09:31

Tgt Ion:	75	Resp:	68182
Ion Ratio	Lower	Upper	
75	100		
77	31.4	25.7	38.5
110	37.5	32.3	48.5

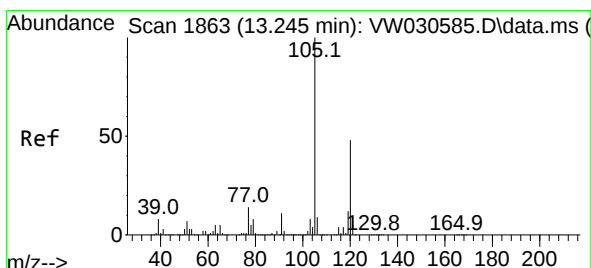
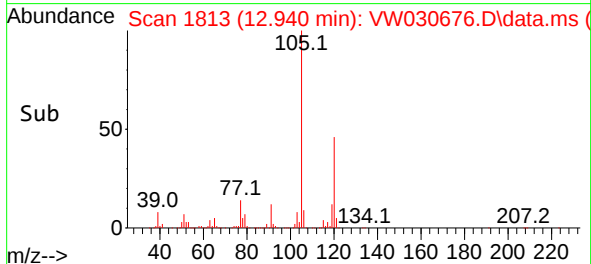
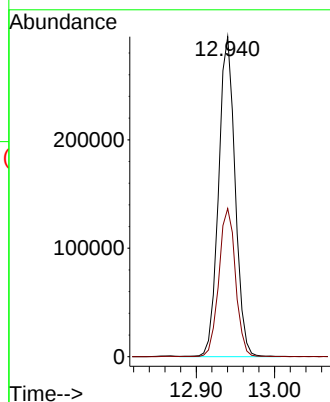
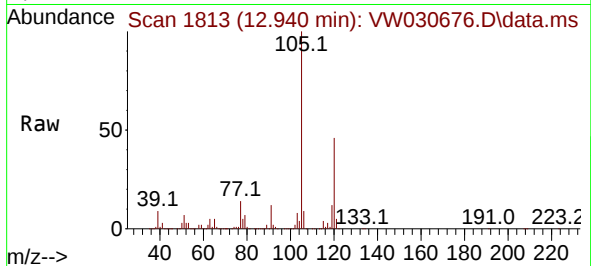




#62
1,3,5-Trimethylbenzene
Concen: 26.762 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

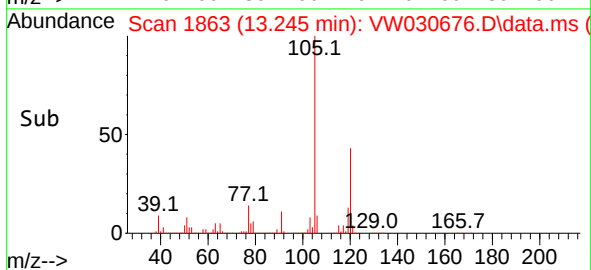
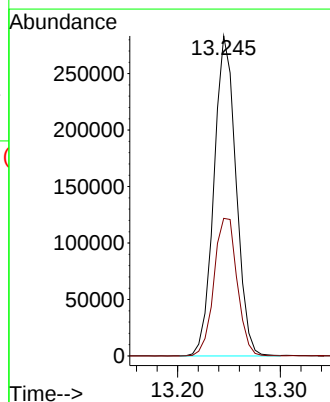
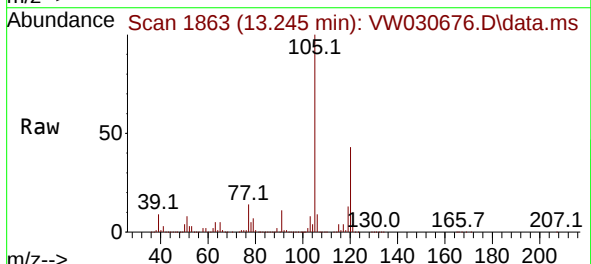
Instrument :
MSVOA_W
ClientSampleId :

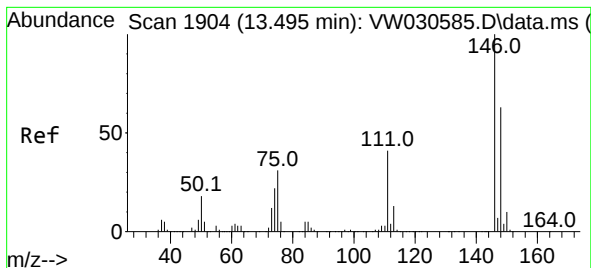
Tgt Ion:105 Resp: 433378
Ion Ratio Lower Upper
105 100
120 46.8 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 26.649 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030676.D
Acq: 21 Oct 2024 09:31

Tgt Ion:105 Resp: 422532
Ion Ratio Lower Upper
105 100
120 45.3 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 25.145 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030676.D

Acq: 21 Oct 2024 09:31

Instrument :

MSVOA_W

ClientSampleId :

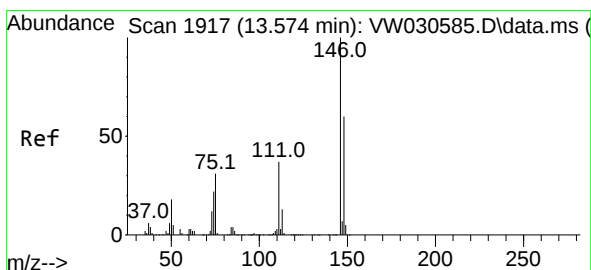
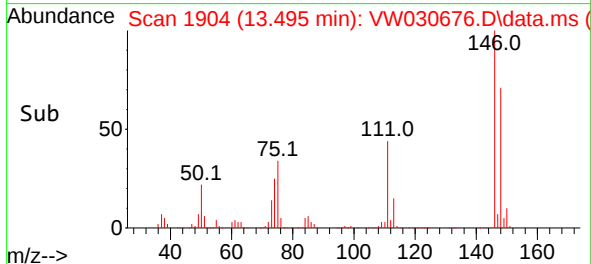
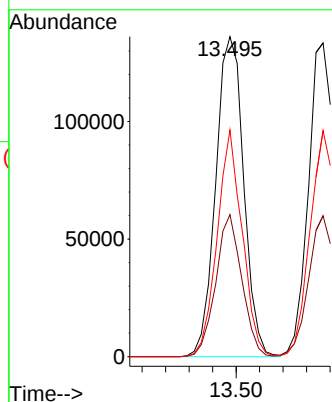
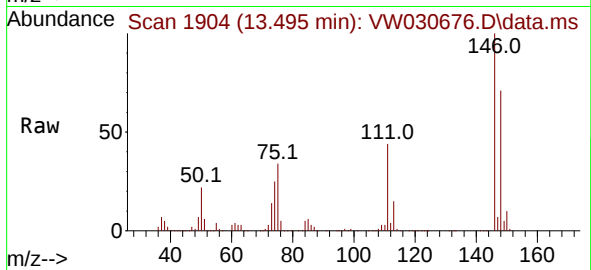
Tgt Ion:146 Resp: 224657

Ion Ratio Lower Upper

146 100

111 44.4 31.2 58.0

148 70.9 45.7 84.9



#65

1,4-Dichlorobenzene

Concen: 23.827 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030676.D

Acq: 21 Oct 2024 09:31

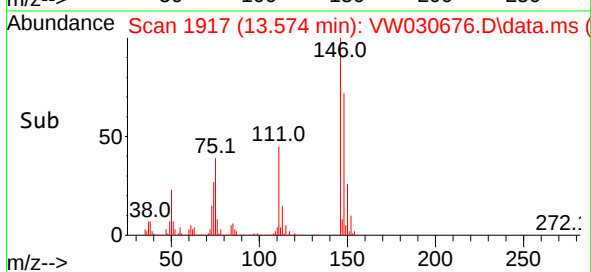
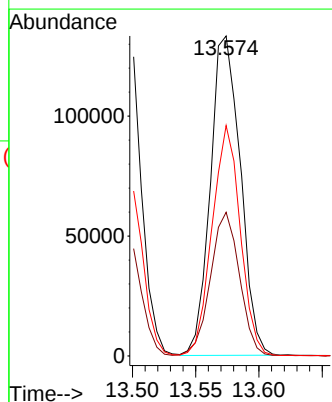
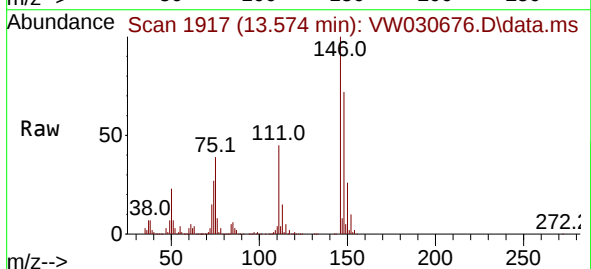
Tgt Ion:146 Resp: 219810

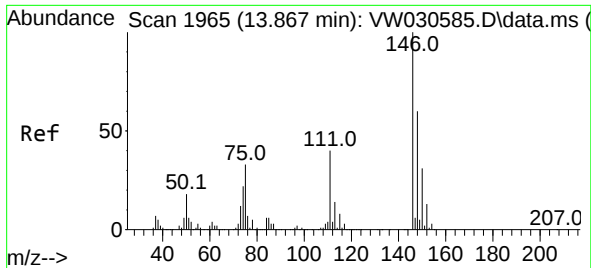
Ion Ratio Lower Upper

146 100

111 44.9 26.8 49.8

148 72.0 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 25.979 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030676.D

Acq: 21 Oct 2024 09:31

Instrument :

MSVOA_W

ClientSampleId :

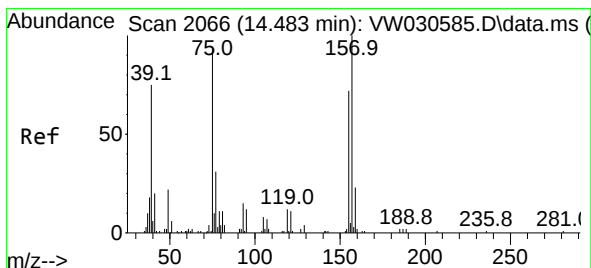
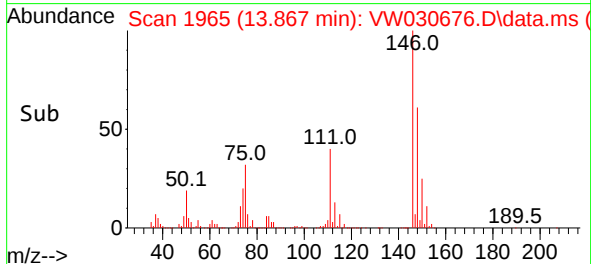
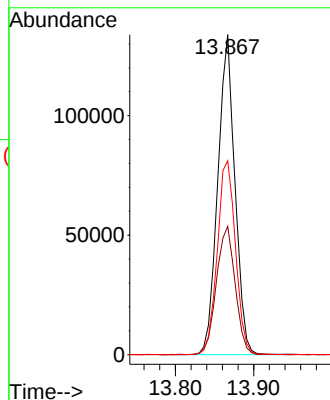
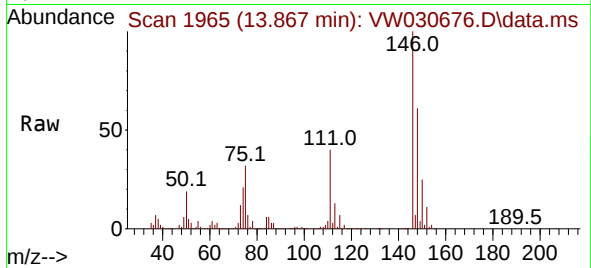
Tgt Ion:146 Resp: 204251

Ion Ratio Lower Upper

146 100

111 40.1 34.6 52.0

148 60.6 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 25.147 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW030676.D

Acq: 21 Oct 2024 09:31

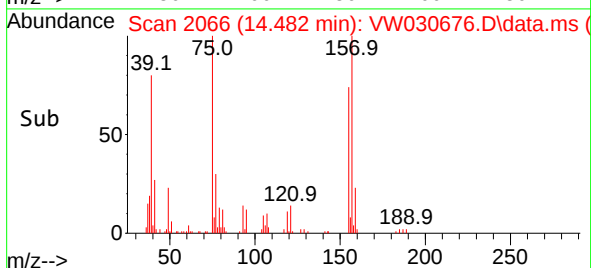
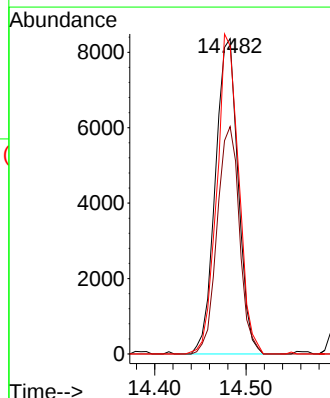
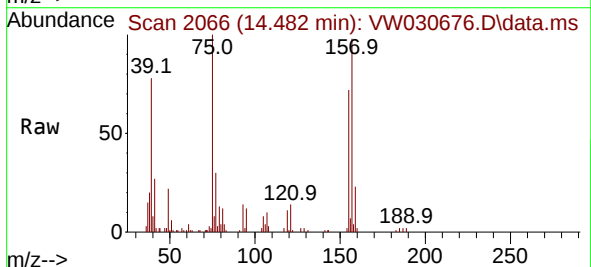
Tgt Ion: 75 Resp: 14462

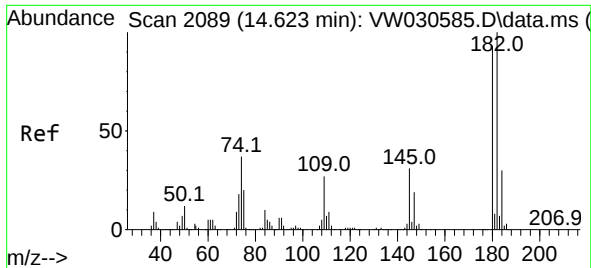
Ion Ratio Lower Upper

75 100

155 72.1 57.9 86.9

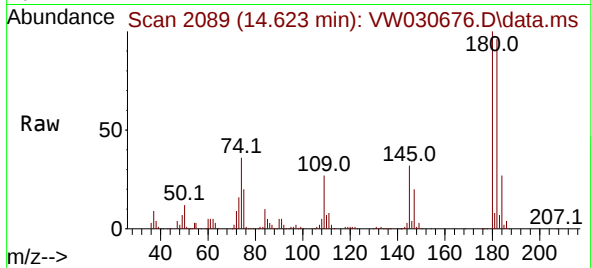
157 97.7 69.0 103.6



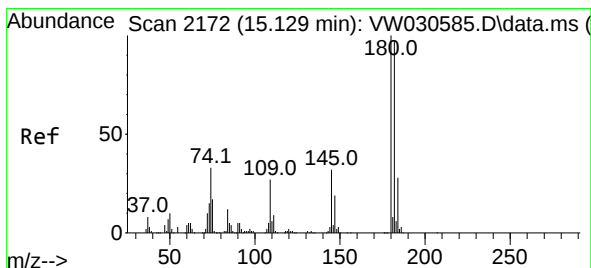
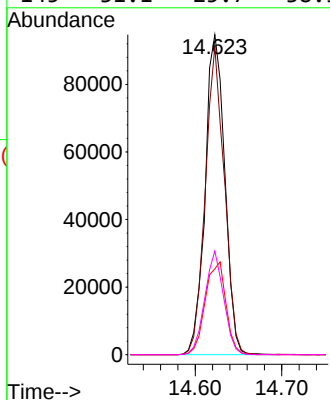
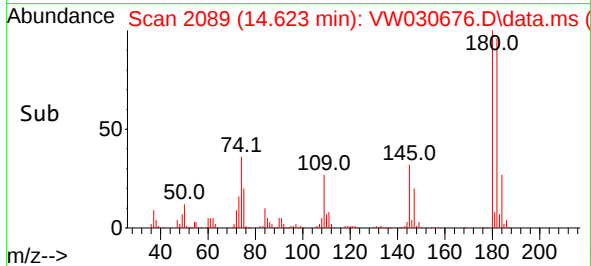


#69
 1,3,5-Trichlorobenzene
 Concen: 25.316 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW030676.D
 Acq: 21 Oct 2024 09:31

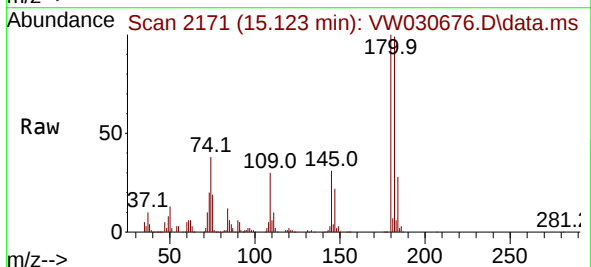
Instrument :
 MSVOA_W
 ClientSampleId :



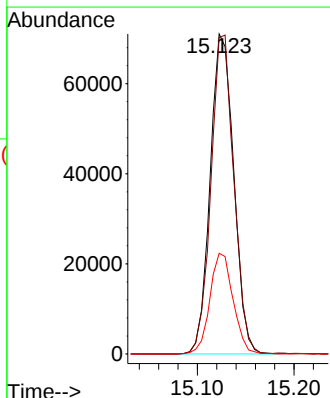
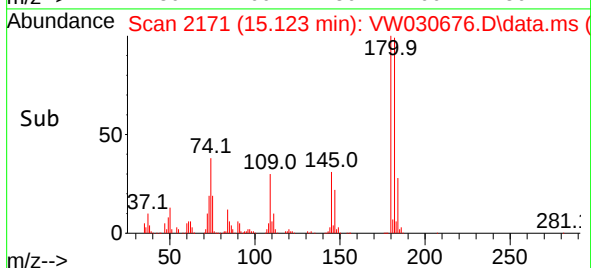
Tgt Ion:180 Resp: 149154
 Ion Ratio Lower Upper
 180 100
 182 93.7 79.9 119.9
 184 30.5 25.2 37.8
 145 31.1 25.7 38.5

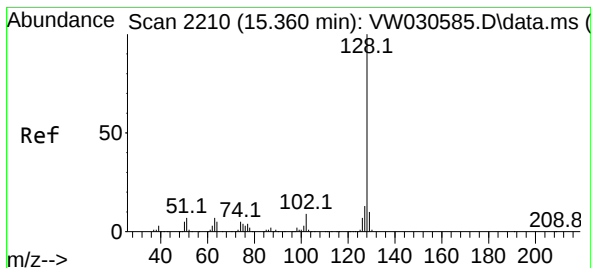


#70
 1,2,4-trichlorobenzene
 Concen: 25.347 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: VW030676.D
 Acq: 21 Oct 2024 09:31



Tgt Ion:180 Resp: 120223
 Ion Ratio Lower Upper
 180 100
 182 96.9 75.2 112.8
 145 31.0 25.4 38.2





#71

Naphthalene

Concen: 26.643 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030676.D

Acq: 21 Oct 2024 09:31

Instrument :

MSVOA_W

ClientSampleId :

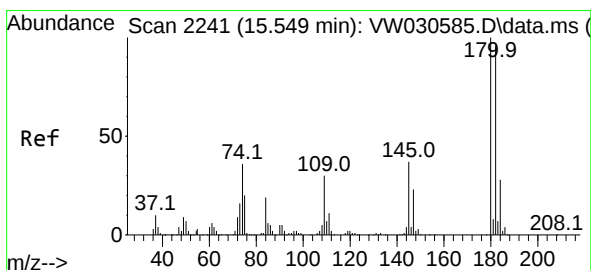
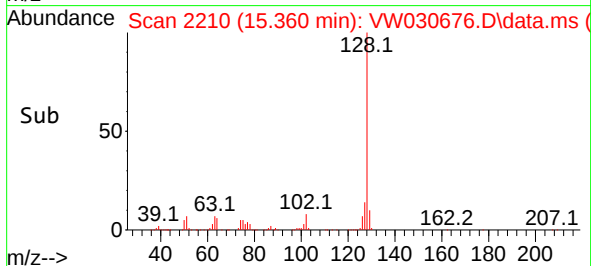
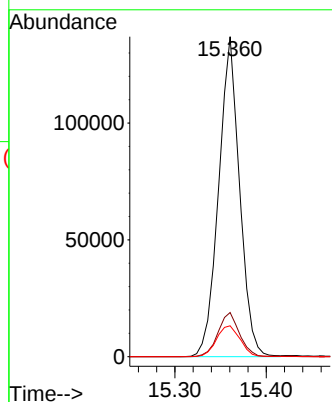
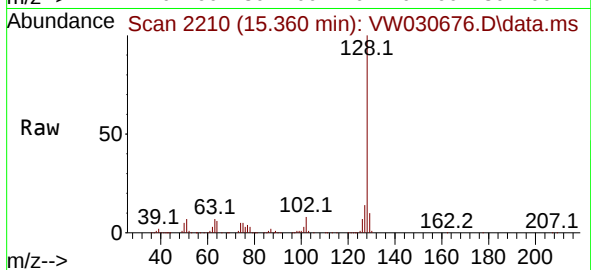
Tgt Ion:128 Resp: 218325

Ion Ratio Lower Upper

128 100

127 14.3 10.9 16.3

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 25.767 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030676.D

Acq: 21 Oct 2024 09:31

Tgt Ion:180 Resp: 105951

Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.4

145 33.2 27.4 41.2

