

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
 Data File : VW031454.D
 Acq On : 21 Dec 2024 02:39
 Operator : SY/MD
 Sample : P5325-02MS
 Misc : 6.28g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 21 03:42:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 23:42:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	599174	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	482592	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	184051	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	143299	15.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.600%
7) Chloroethane-d5	2.893	69	123572	18.530	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.120%
11) 1,1-Dichloroethene-d2	4.015	65	60558	14.161	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.640%
21) 2-Butanone-d5	7.093	46	67566	39.796	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.600%
24) Chloroform-d	7.648	84	277189	16.884	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.520%
26) 1,2-Dichloroethane-d4	8.300	65	159951	19.400	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.600%
32) Benzene-d6	8.270	84	537150	17.366	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.480%
36) 1,2-Dichloropropane-d6	9.270	67	168651	18.708	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.840%
41) Toluene-d8	10.318	98	438758	15.248	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	61.000%
43) trans-1,3-Dichloroprop...	10.574	79	61380	14.767	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.080%
47) 2-Hexanone-d5	10.922	63	51954	42.855	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.700%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	128266	22.661	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	116745	17.086	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.360%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	56622	10.456	ug/L	99
3) Chloromethane	2.216	50	86285	14.184	ug/L	99
5) Vinyl chloride	2.369	62	112789	13.378	ug/L	99
6) Bromomethane	2.789	94	83136	16.040	ug/L	96
8) Chloroethane	2.930	64	80011	15.958	ug/L	96
9) Trichlorofluoromethane	3.265	101	110029	12.251	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	86984	11.994	ug/L #	76
12) 1,1-Dichloroethene	4.039	96	113806	15.494	ug/L	89
13) Acetone	4.161	43	72400	30.620	ug/L #	100
14) Carbon disulfide	4.387	76	204509	8.537	ug/L	98
15) Methyl Acetate	4.691	43	46257	17.225	ug/L	95
16) Methylene chloride	4.911	84	118236	15.683	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	95816	12.101	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	241026	18.209	ug/L	99
19) 1,1-Dichloroethane	6.216	63	216250	14.616	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	123723	14.443	ug/L	97
22) 2-Butanone	7.185	43	82836	28.914	ug/L	96
23) Bromochloromethane	7.520	128	56763	16.614	ug/L	85
25) Chloroform	7.679	83	222410	15.231	ug/L	99

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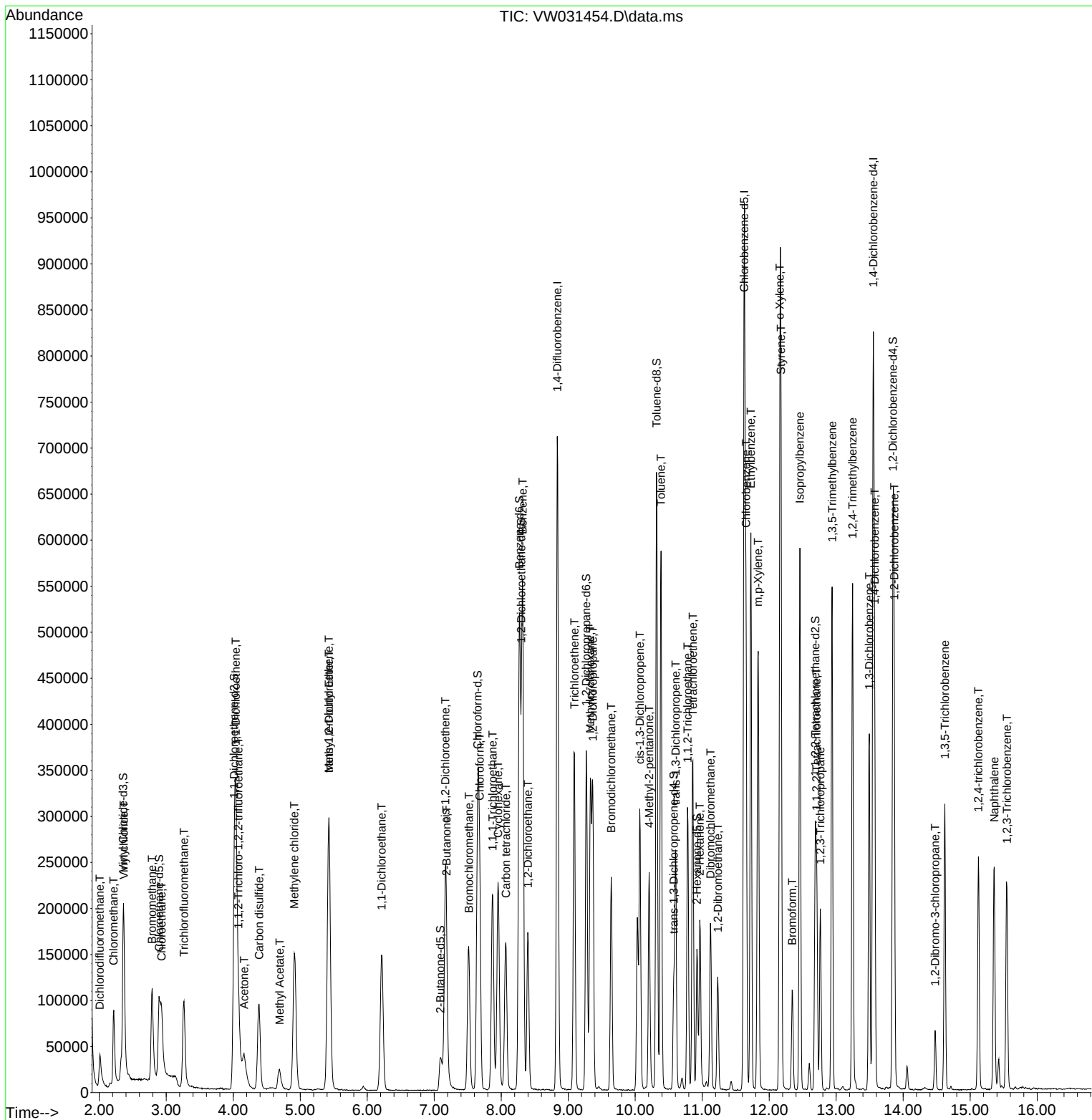
Instrument :
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 ClientSampleId :

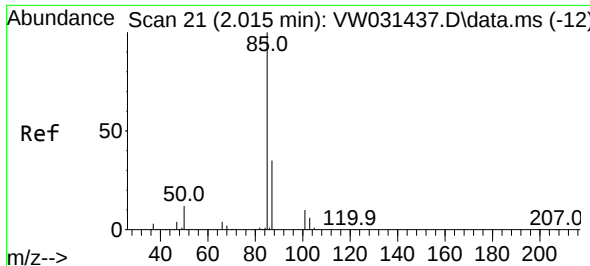
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 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 23:42:37 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	159490	17.373	ug/L	98
29) Cyclohexane	7.953	56	128552	9.822	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	174934	14.024	ug/L	98
31) Carbon tetrachloride	8.069	117	121960	10.975	ug/L	99
33) Benzene	8.319	78	440434	14.768	ug/L	100
34) Trichloroethene	9.093	95	129467	15.377	ug/L	94
35) Methylcyclohexane	9.331	83	138482	9.444	ug/L	97
37) 1,2-Dichloropropane	9.367	63	121787	16.370	ug/L	100
38) Bromodichloromethane	9.642	83	154696	15.994	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	177079	14.085	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	153989	39.013	ug/L	99
42) Toluene	10.386	91	427412	13.163	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	140023	13.640	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	94578	19.112	ug/L	95
46) Tetrachloroethene	10.861	164	79837	12.945	ug/L	88
48) 2-Hexanone	10.965	43	116727	34.771	ug/L	97
49) Dibromochloromethane	11.123	129	92657	15.796	ug/L	97
50) 1,2-Dibromoethane	11.233	107	84729	18.074	ug/L	98
51) Chlorobenzene	11.654	112	262506	12.894	ug/L	99
52) Ethylbenzene	11.727	91	419803	11.156	ug/L	97
53) m,p-Xylene	11.836	106	157410	10.988	ug/L	92
54) o-Xylene	12.160	106	163177	12.086	ug/L	95
55) Styrene	12.178	104	275784	12.280	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	106805	20.021	ug/L	98
59) Bromoform	12.342	173	48429	18.730	ug/L	99
60) Isopropylbenzene	12.458	105	371113	12.321	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	80532	25.570	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	296239	11.601	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	293474	11.891	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	152259	12.477	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	156151	12.915	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	163858	15.584	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	15883	19.873	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	91795	10.741	ug/L	97
70) 1,2,4-trichlorobenzene	15.122	180	74649	10.500	ug/L	99
71) Naphthalene	15.360	128	209470	16.806	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	72167	12.599	ug/L	93

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

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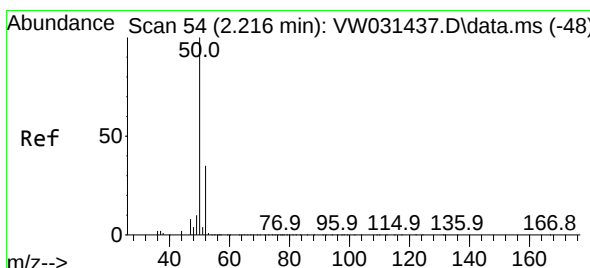
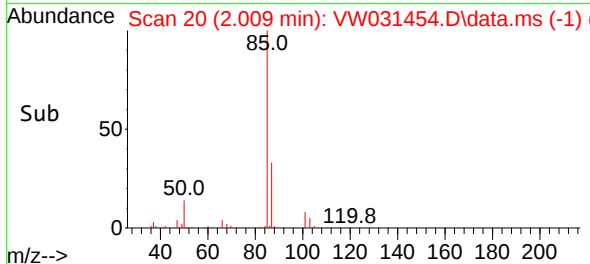
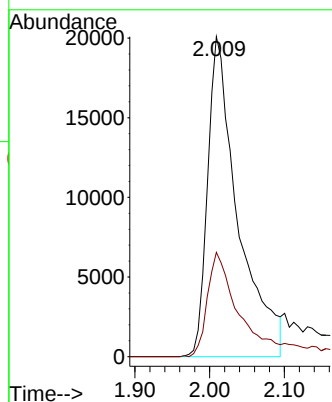
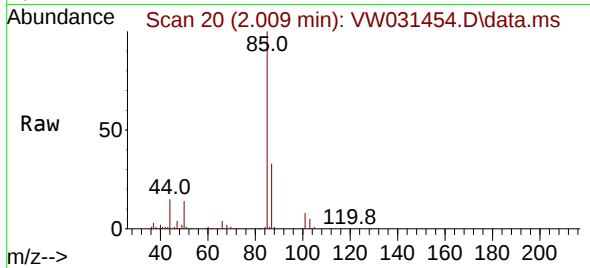




#2
 Dichlorodifluoromethane
 Concen: 10.456 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW031454.D
 Acq: 21 Dec 2024 02:39

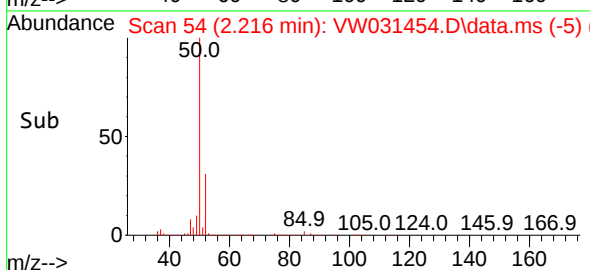
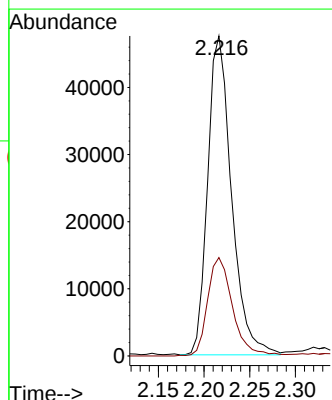
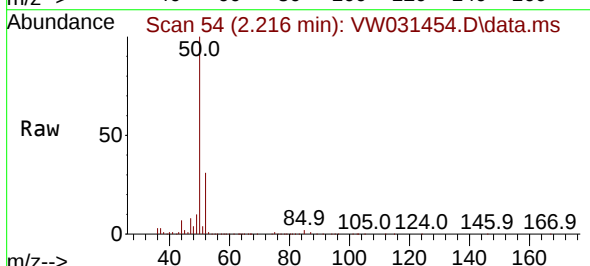
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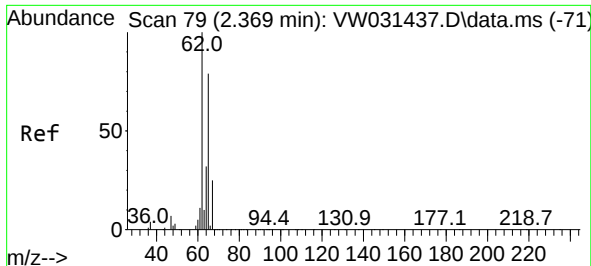
Tgt Ion: 85 Resp: 56622
 Ion Ratio Lower Upper
 85 100
 87 30.4 24.9 37.3



#3
 Chloromethane
 Concen: 14.184 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VW031454.D
 Acq: 21 Dec 2024 02:39

Tgt Ion: 50 Resp: 86285
 Ion Ratio Lower Upper
 50 100
 52 30.8 22.0 41.0

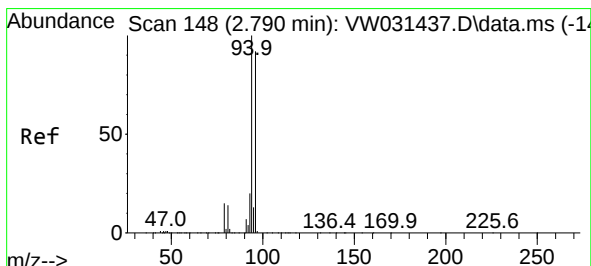
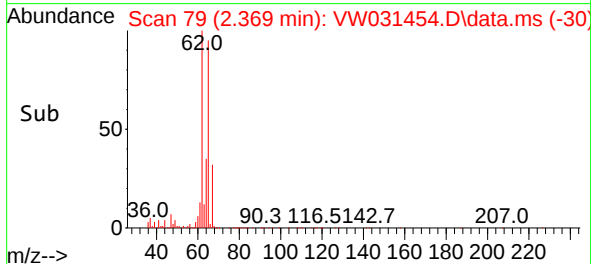
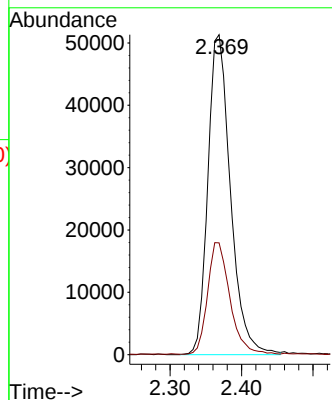
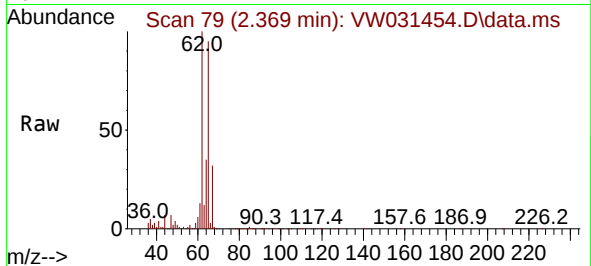




#5
 Vinyl chloride
 Concen: 13.378 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VW031454.D
 Acq: 21 Dec 2024 02:39

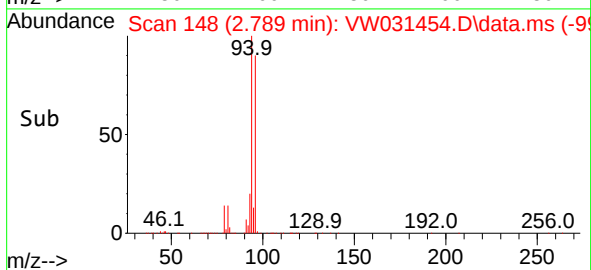
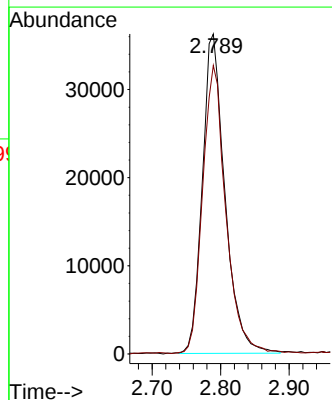
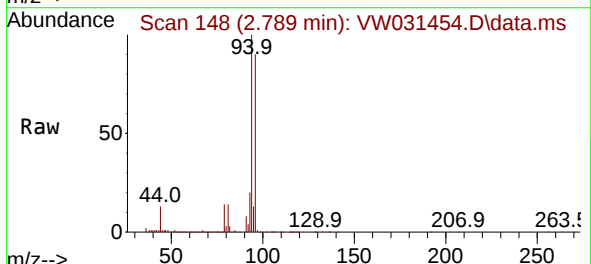
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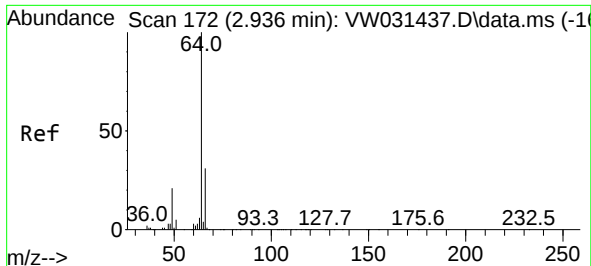
Tgt Ion: 62 Resp: 112789
 Ion Ratio Lower Upper
 62 100
 64 35.0 24.1 44.8



#6
 Bromomethane
 Concen: 16.040 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW031454.D
 Acq: 21 Dec 2024 02:39

Tgt Ion: 94 Resp: 83136
 Ion Ratio Lower Upper
 94 100
 96 90.2 65.6 121.8

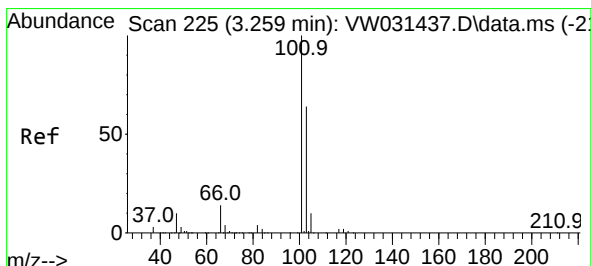
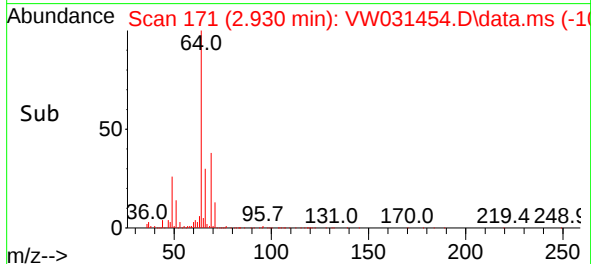
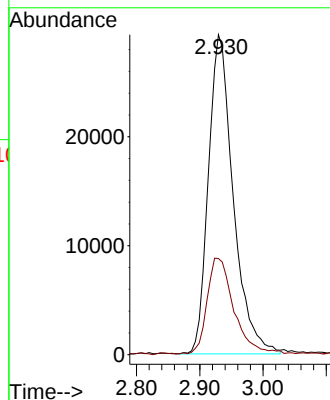
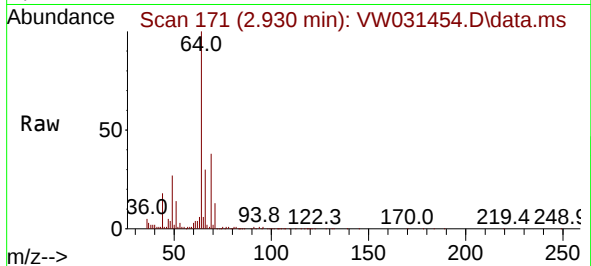




#8
Chloroethane
Concen: 15.958 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

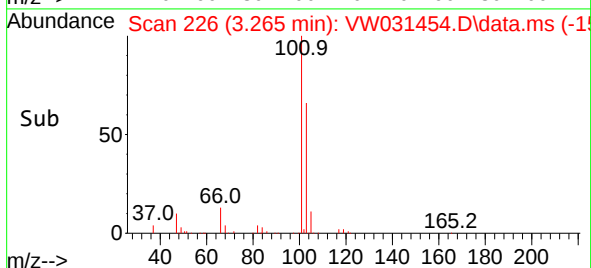
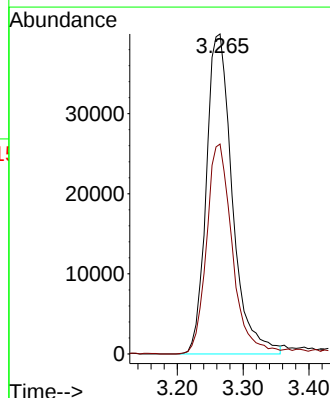
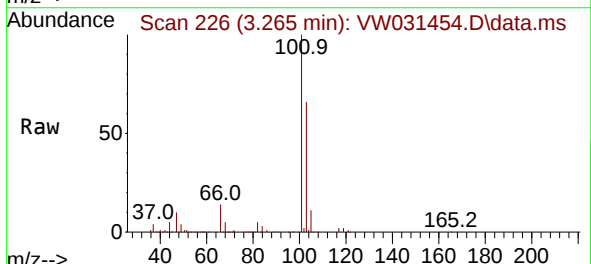
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ClientSampleId :

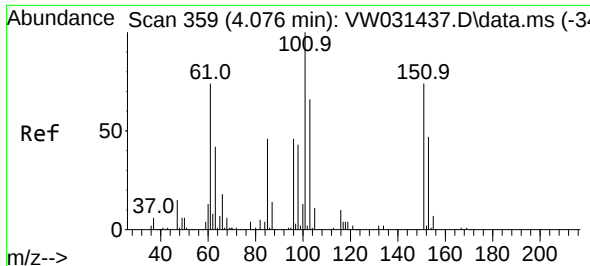
Tgt Ion: 64 Resp: 80011
Ion Ratio Lower Upper
64 100
66 30.0 22.7 42.3



#9
Trichlorofluoromethane
Concen: 12.251 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

Tgt Ion:101 Resp: 110029
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

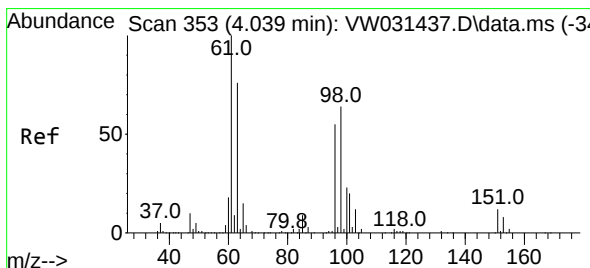
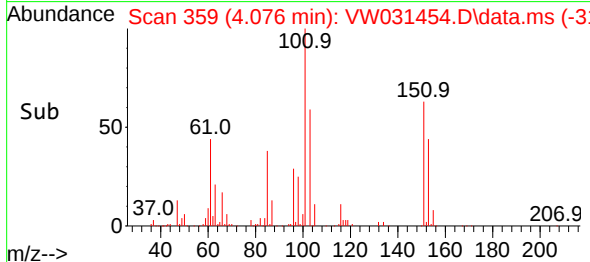
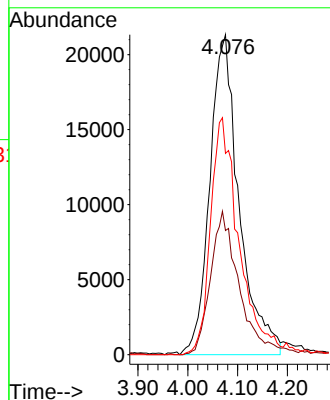
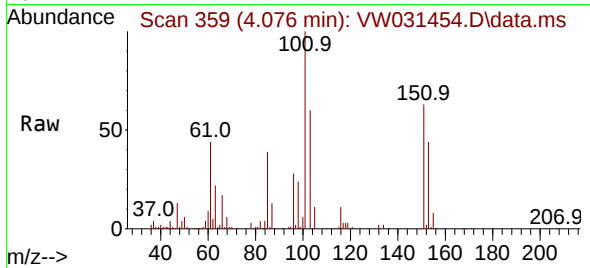




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.994 ug/L
 RT: 4.076 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW031454.D
 Acq: 21 Dec 2024 02:39

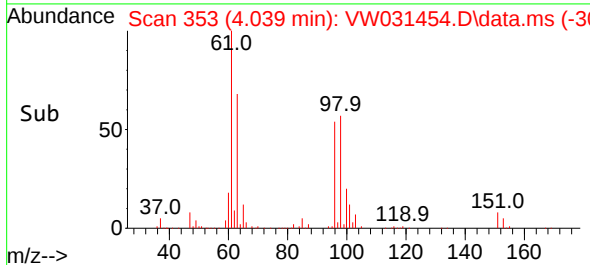
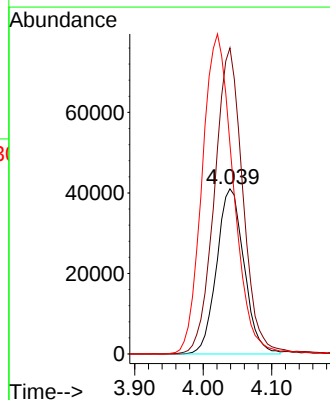
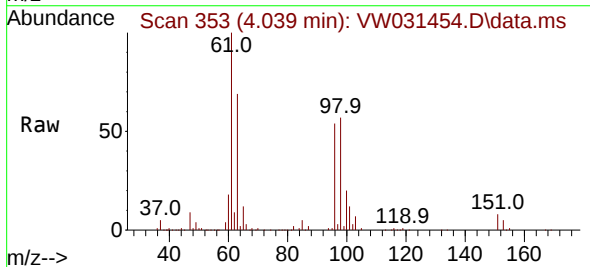
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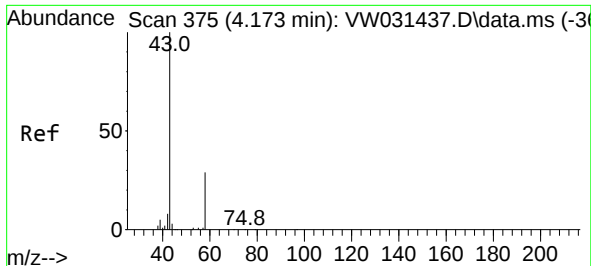
Tgt Ion:101 Resp: 86984
 Ion Ratio Lower Upper
 101 100
 85 42.0 33.0 49.4
 151 38.4 54.8 82.2#



#12
 1,1-Dichloroethene
 Concen: 15.494 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.000 min
 Lab File: VW031454.D
 Acq: 21 Dec 2024 02:39

Tgt Ion: 96 Resp: 113806
 Ion Ratio Lower Upper
 96 100
 61 185.3 125.3 232.7
 63 127.0 104.6 194.2

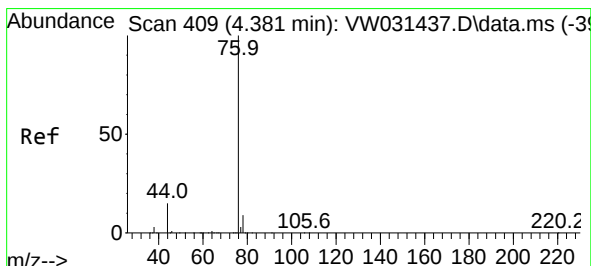
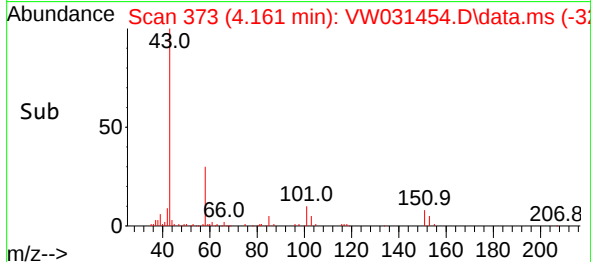
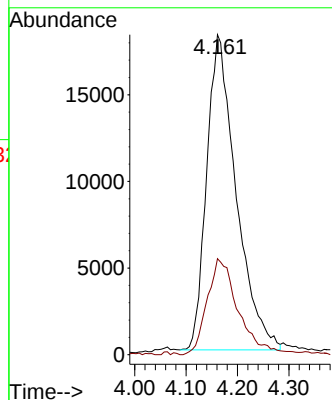
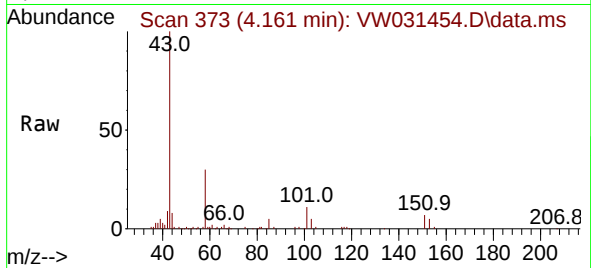




#13
Acetone
Concen: 30.620 ug/L
RT: 4.161 min Scan# 31
Delta R.T. -0.012 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

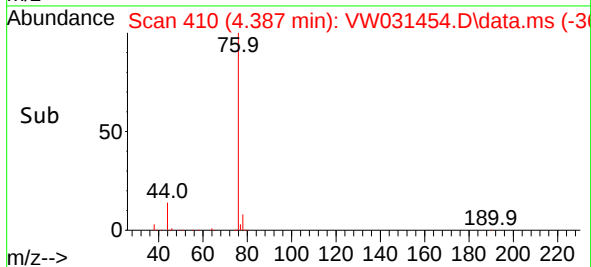
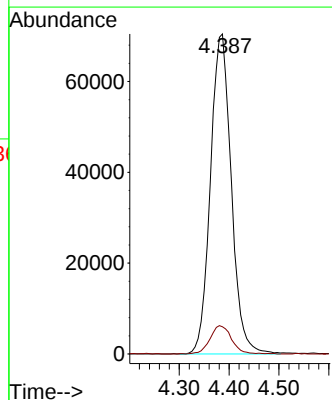
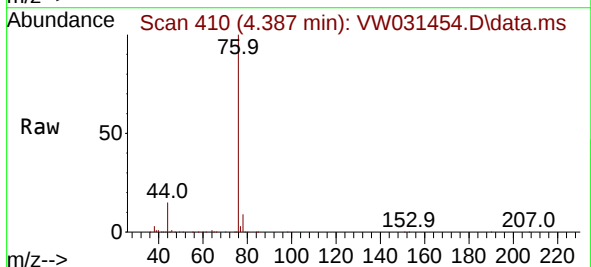
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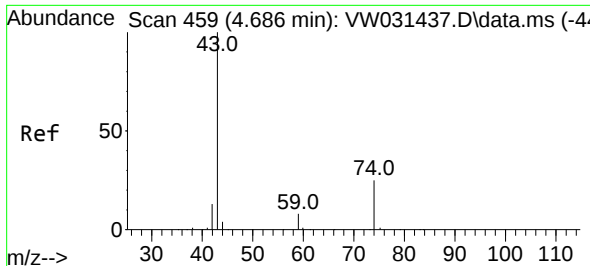
Tgt Ion: 43 Resp: 72400
Ion Ratio Lower Upper
43 100
58 30.6 0.0 0.0#



#14
Carbon disulfide
Concen: 8.537 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.006 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

Tgt Ion: 76 Resp: 204509
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9

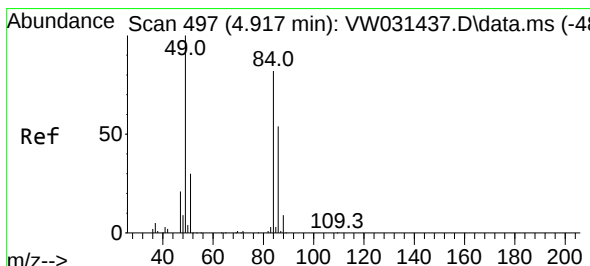
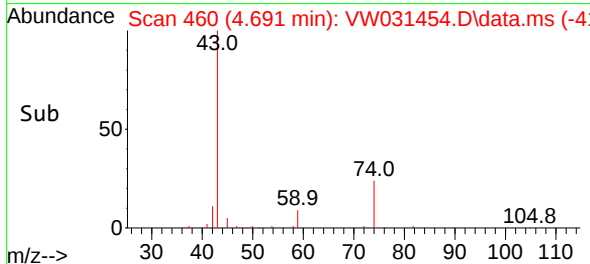
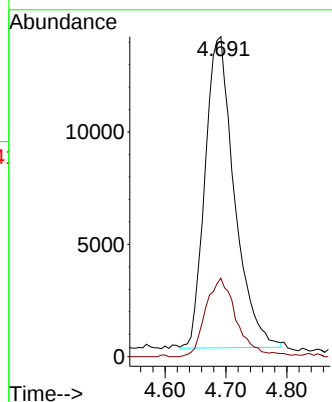
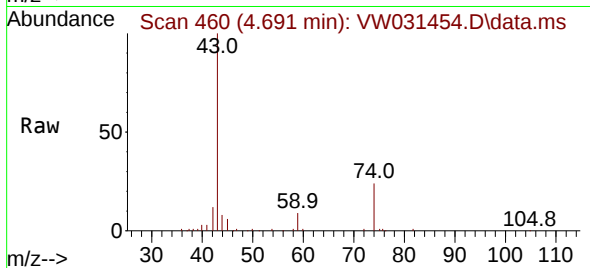




#15
Methyl Acetate
Concen: 17.225 ug/L
RT: 4.691 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

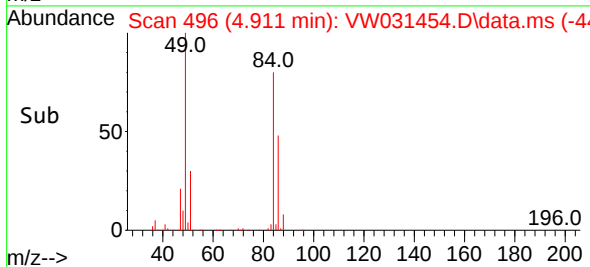
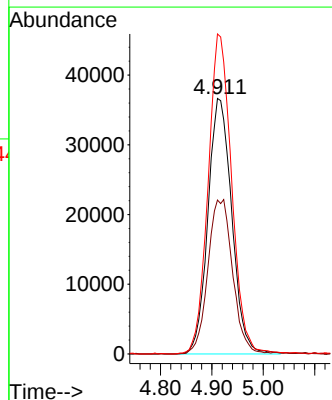
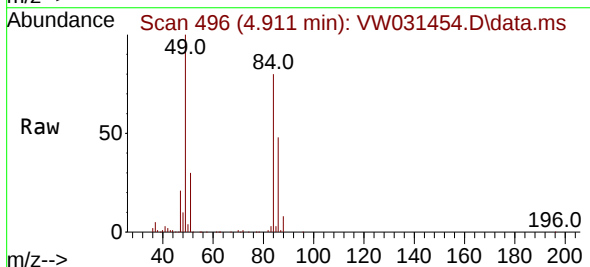
Instrument :
MSVOA_W
ClientSampleId :

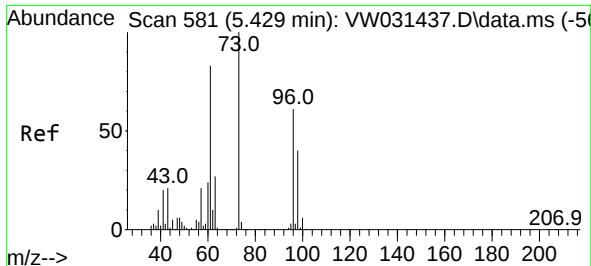
Tgt Ion: 43 Resp: 46257
Ion Ratio Lower Upper
43 100
74 26.1 18.9 28.3



#16
Methylene chloride
Concen: 15.683 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

Tgt Ion: 84 Resp: 118236
Ion Ratio Lower Upper
84 100
86 60.2 44.7 82.9
49 125.3 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 12.101 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW031454.D

Acq: 21 Dec 2024 02:39

Instrument :

MSVOA_W

ClientSampleId :

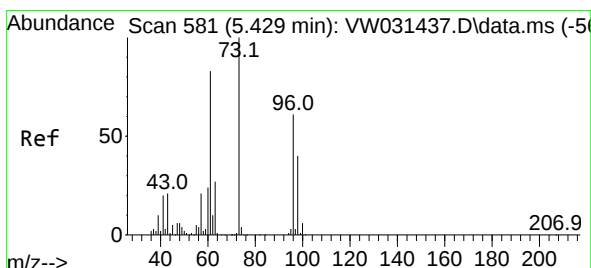
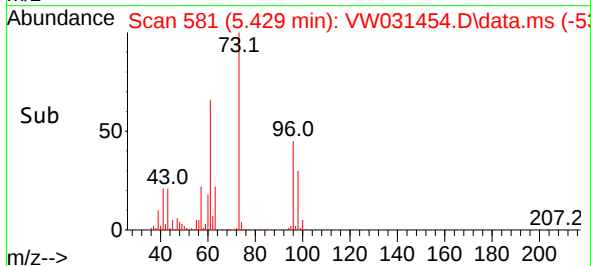
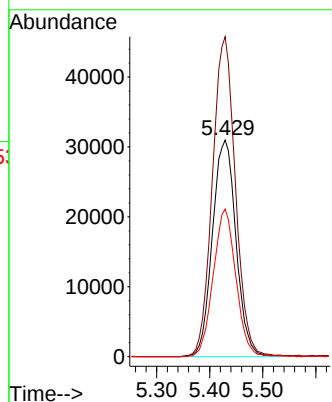
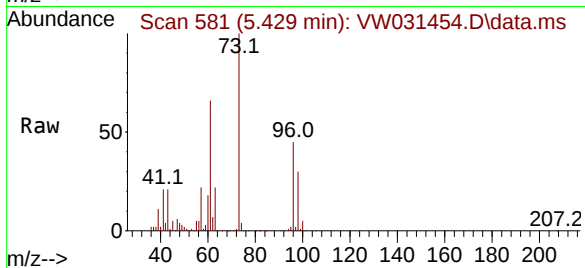
Tgt Ion: 96 Resp: 95816

Ion Ratio Lower Upper

96 100

61 147.7 100.7 187.1

98 68.1 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 18.209 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW031454.D

Acq: 21 Dec 2024 02:39

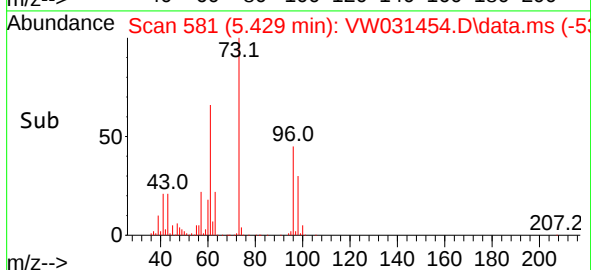
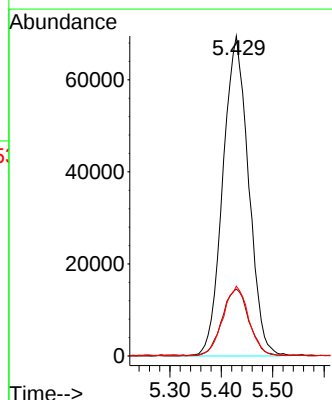
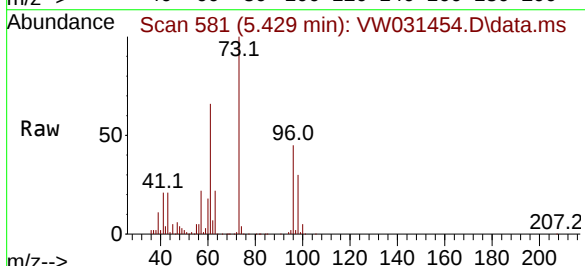
Tgt Ion: 73 Resp: 241026

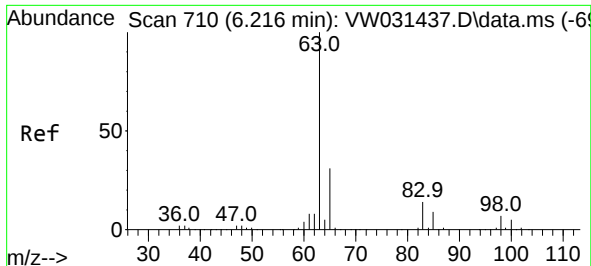
Ion Ratio Lower Upper

73 100

43 21.8 17.9 26.9

57 22.0 17.9 26.9





#19

1,1-Dichloroethane

Concen: 14.616 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW031454.D

Acq: 21 Dec 2024 02:39

Instrument :

MSVOA_W

ClientSampleId :

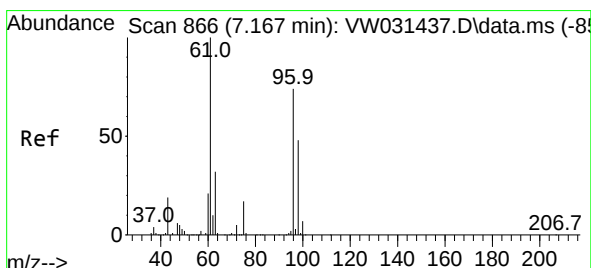
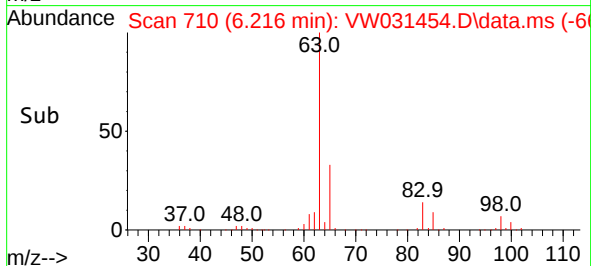
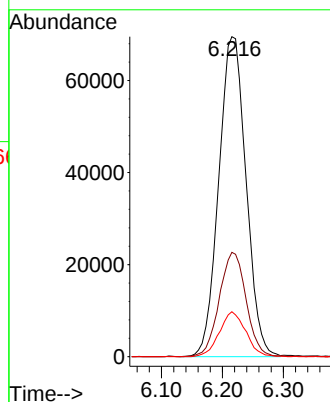
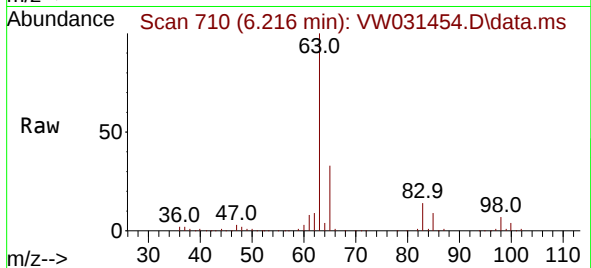
Tgt Ion: 63 Resp: 216250

Ion Ratio Lower Upper

63 100

65 32.6 21.9 40.7

83 14.1 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 14.443 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW031454.D

Acq: 21 Dec 2024 02:39

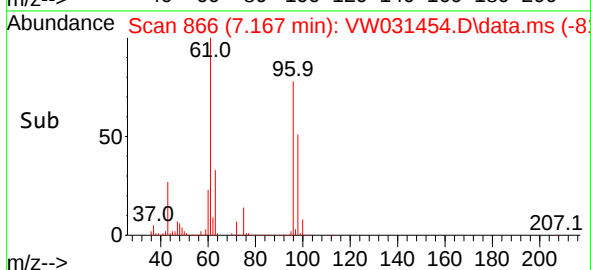
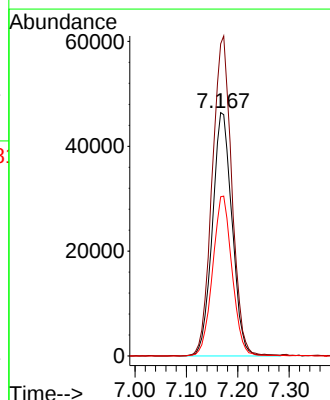
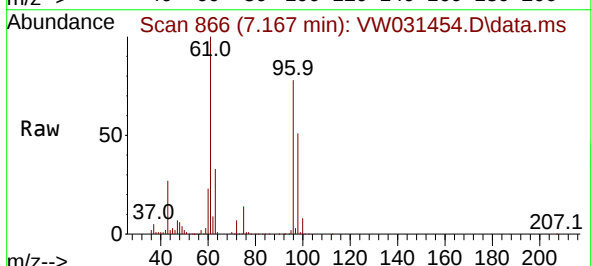
Tgt Ion: 96 Resp: 123723

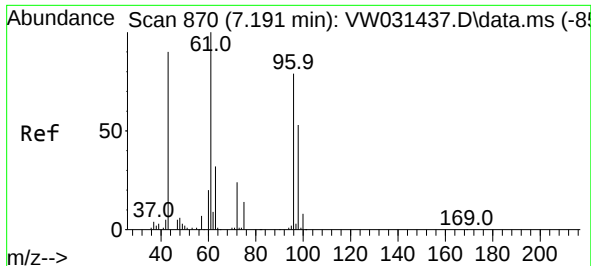
Ion Ratio Lower Upper

96 100

61 128.3 92.2 171.2

98 65.4 43.7 81.1

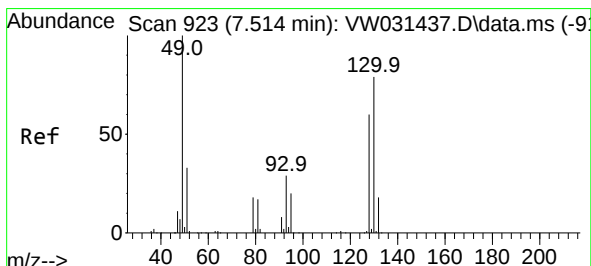
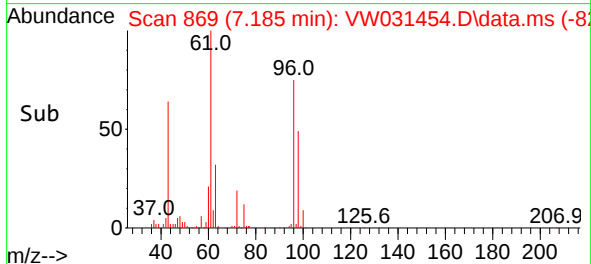
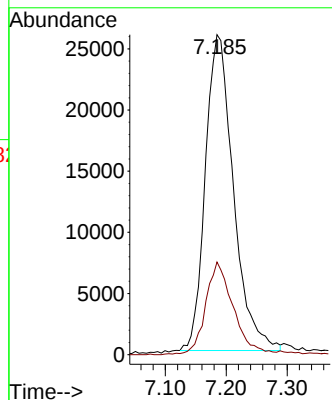
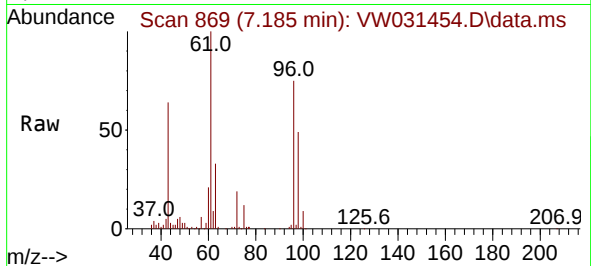




#22
2-Butanone
Concen: 28.914 ug/L
RT: 7.185 min Scan# 870
Delta R.T. -0.006 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

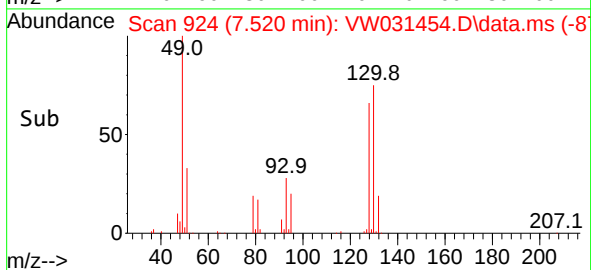
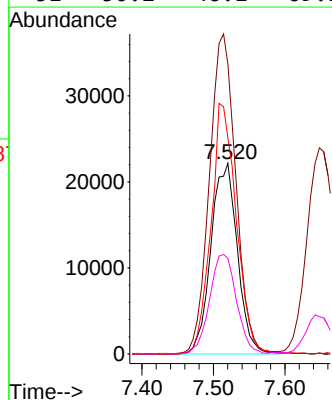
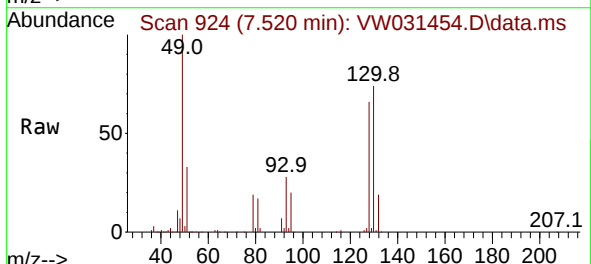
Instrument :
MSVOA_W
ClientSampleId :

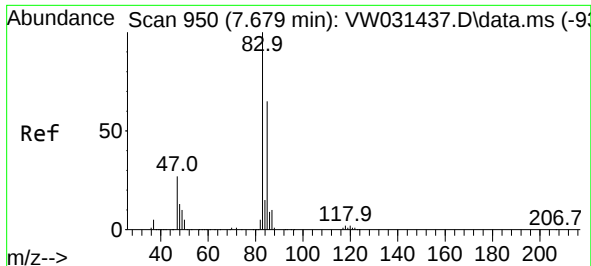
Tgt Ion: 43 Resp: 82836
Ion Ratio Lower Upper
43 100
72 28.5 13.3 39.8



#23
Bromochloromethane
Concen: 16.614 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

Tgt Ion:128 Resp: 56763
Ion Ratio Lower Upper
128 100
49 152.3 123.7 229.7
130 113.3 90.3 167.7
51 50.2 46.1 69.1

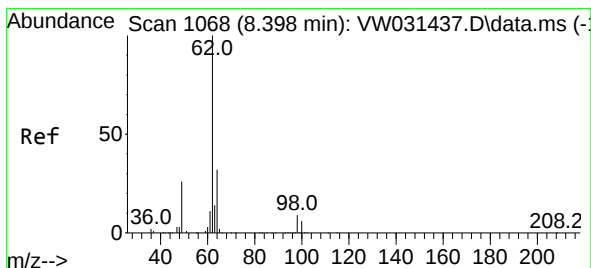
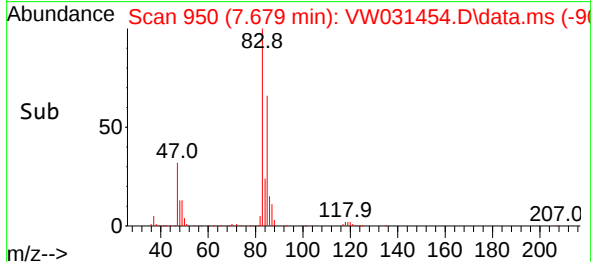
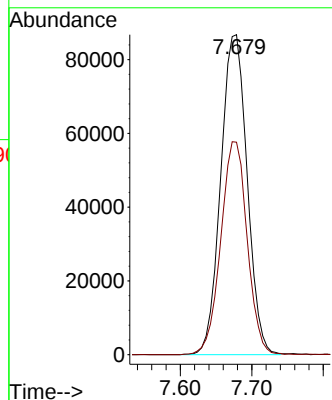
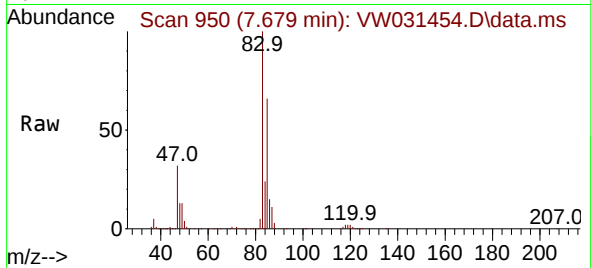




#25
Chloroform
Concen: 15.231 ug/L
RT: 7.679 min Scan# 910
Delta R.T. -0.000 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

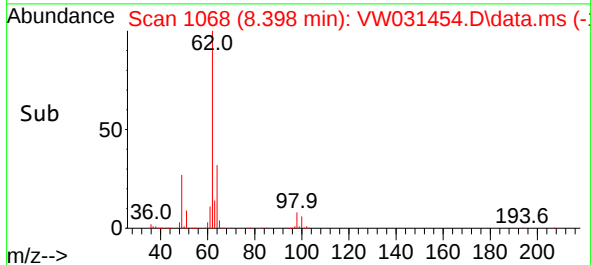
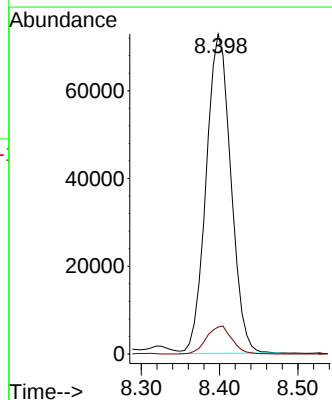
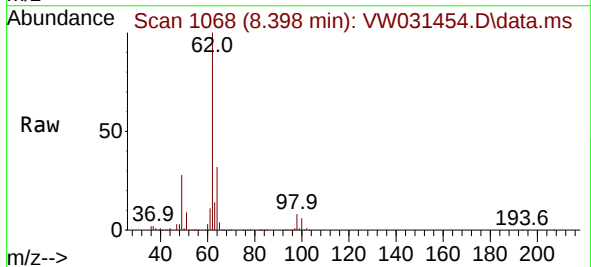
Instrument :
MSVOA_W
ClientSampleId :

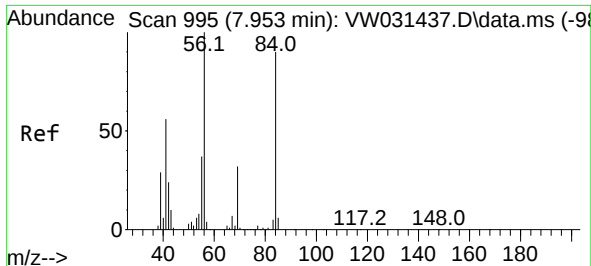
Tgt Ion: 83 Resp: 222410
Ion Ratio Lower Upper
83 100
85 66.4 46.1 85.5



#27
1,2-Dichloroethane
Concen: 17.373 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

Tgt Ion: 62 Resp: 159490
Ion Ratio Lower Upper
62 100
98 8.4 7.2 10.8





#29

Cyclohexane

Concen: 9.822 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW031454.D

Acq: 21 Dec 2024 02:39

Instrument :

MSVOA_W

ClientSampleId :

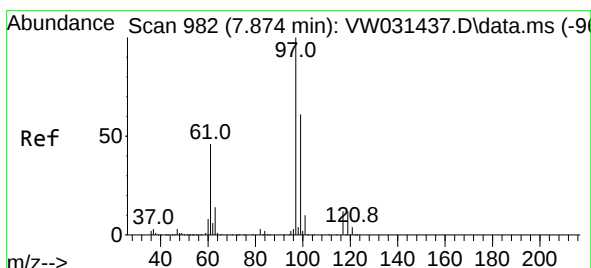
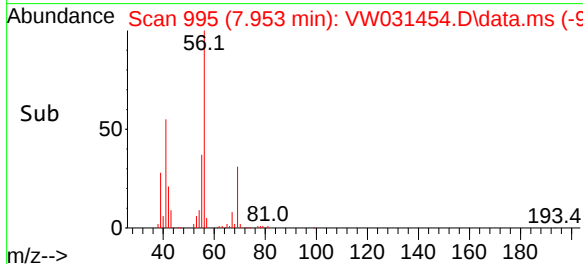
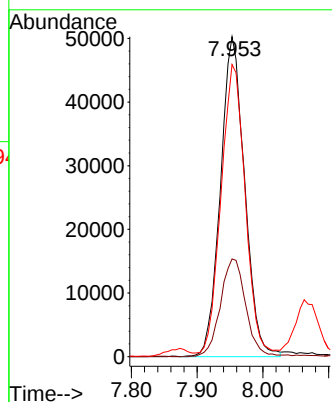
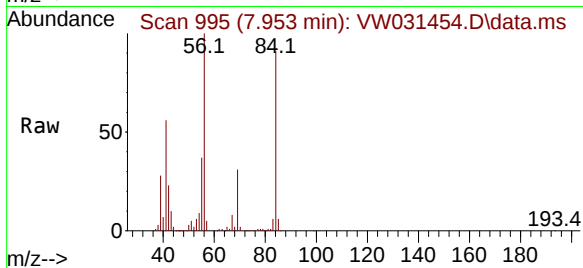
Tgt Ion: 56 Resp: 128552

Ion Ratio Lower Upper

56 100

69 31.8 25.0 37.4

84 91.7 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 14.024 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW031454.D

Acq: 21 Dec 2024 02:39

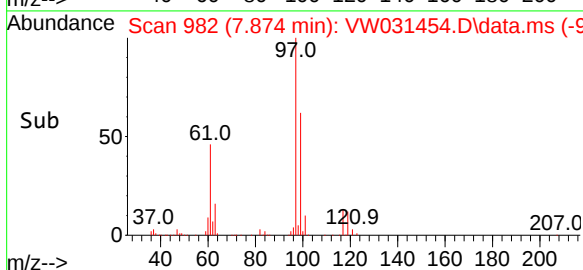
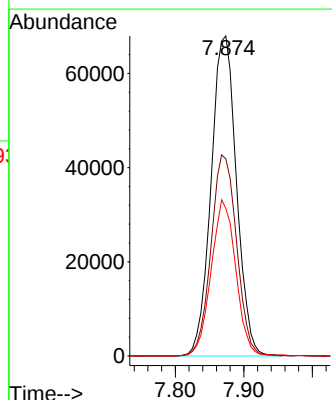
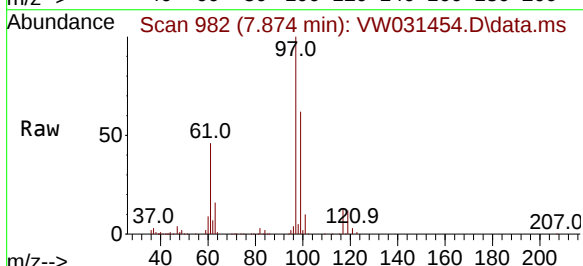
Tgt Ion: 97 Resp: 174934

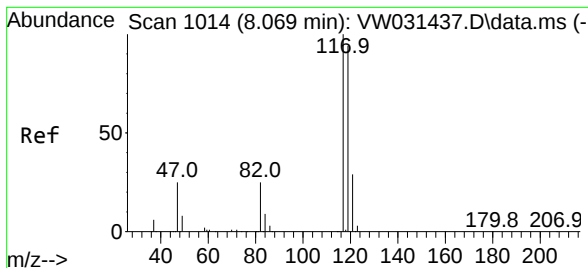
Ion Ratio Lower Upper

97 100

99 63.2 51.1 76.7

61 47.3 36.3 54.5

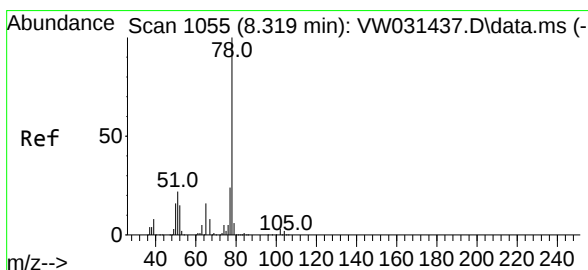
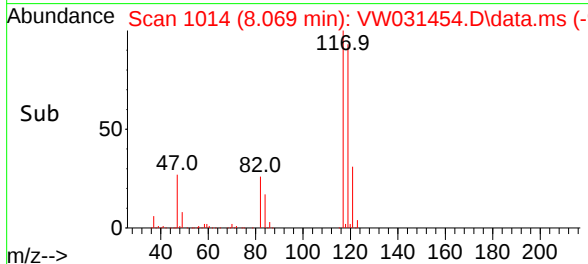
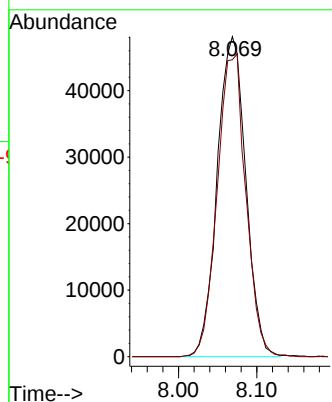
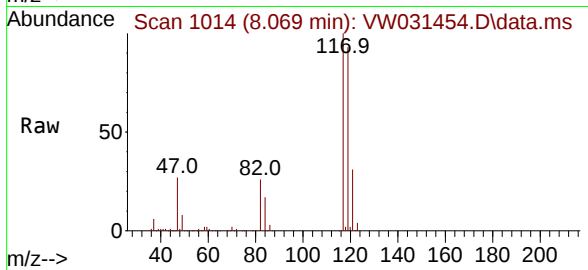




#31
Carbon tetrachloride
Concen: 10.975 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

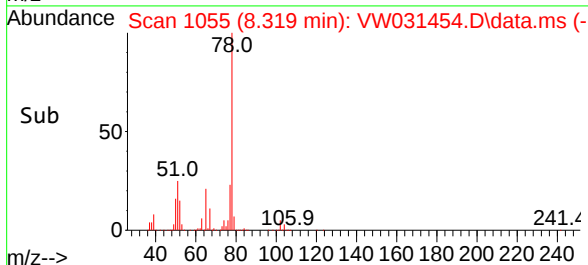
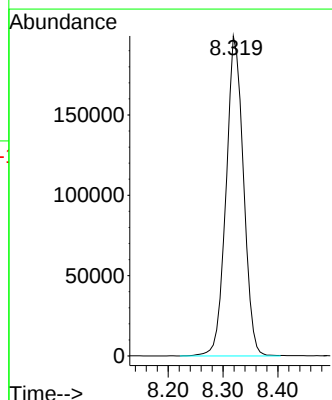
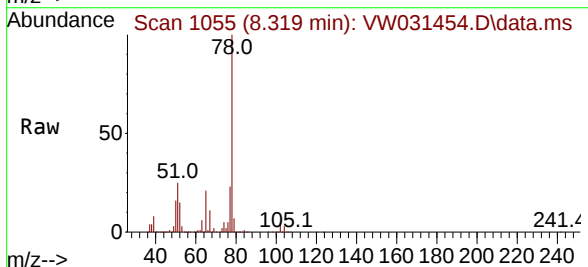
Instrument :
MSVOA_W
ClientSampleId :

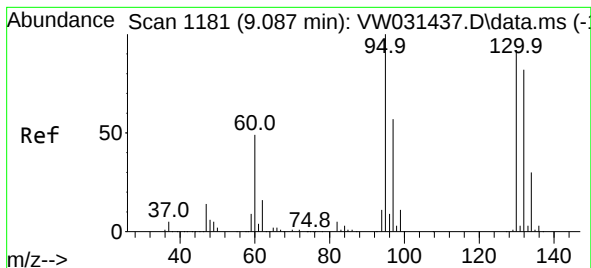
Tgt Ion:117 Resp: 121960
Ion Ratio Lower Upper
117 100
119 94.4 76.0 114.0



#33
Benzene
Concen: 14.768 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

Tgt Ion: 78 Resp: 440434





#34

Trichloroethene

Concen: 15.377 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW031454.D

Acq: 21 Dec 2024 02:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 129467

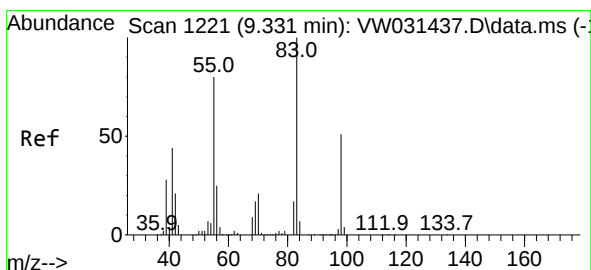
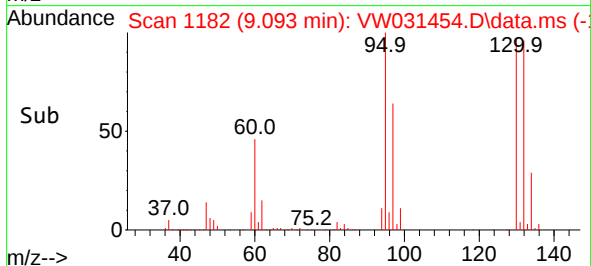
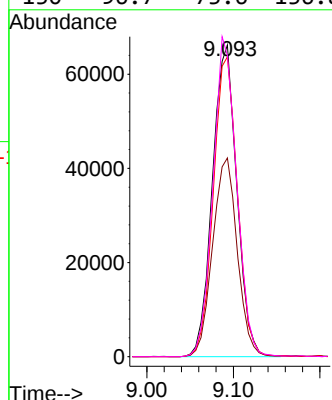
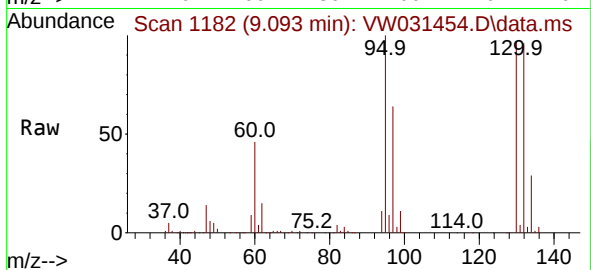
Ion Ratio Lower Upper

95 100

97 63.7 46.5 86.3

132 96.2 70.3 130.5

130 96.7 73.6 136.8



#35

Methylcyclohexane

Concen: 9.444 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW031454.D

Acq: 21 Dec 2024 02:39

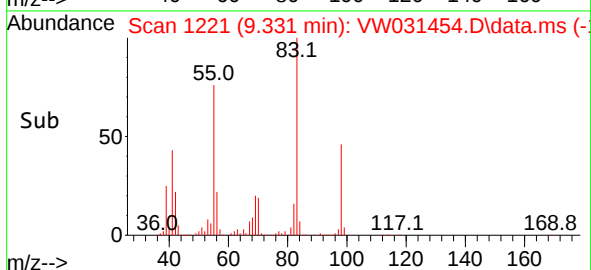
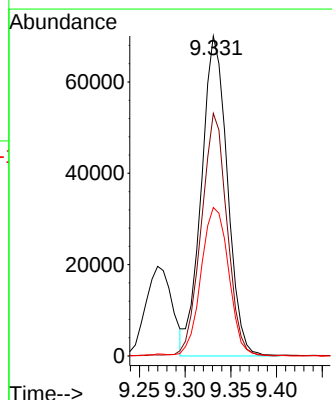
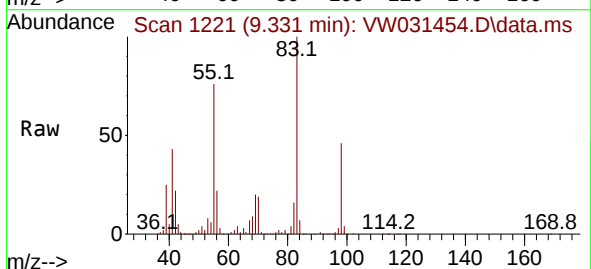
Tgt Ion: 83 Resp: 138482

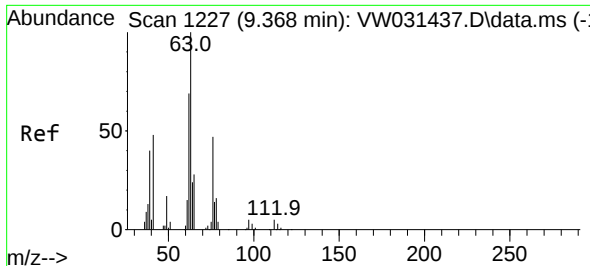
Ion Ratio Lower Upper

83 100

55 74.6 62.6 93.8

98 49.4 39.8 59.6





#37

1,2-Dichloropropane

Concen: 16.370 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW031454.D

Acq: 21 Dec 2024 02:39

Instrument :

MSVOA_W

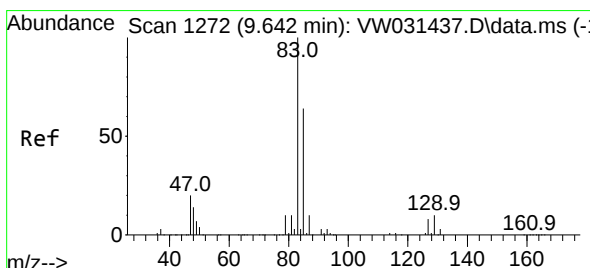
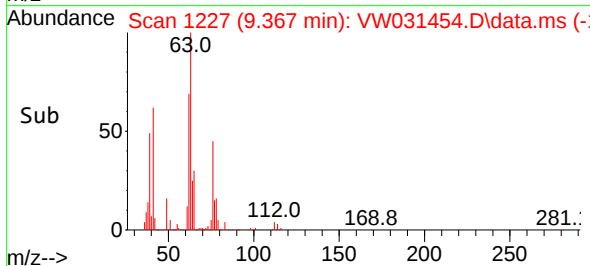
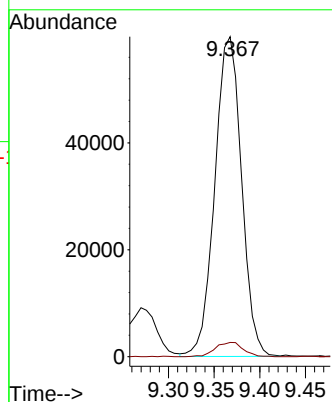
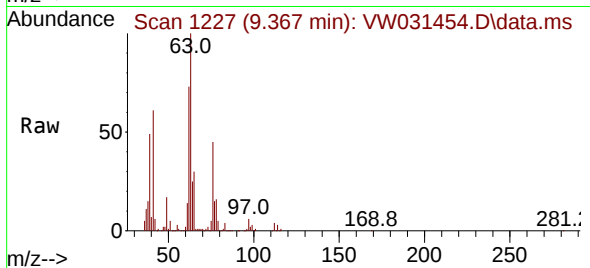
ClientSampleId :

Tgt Ion: 63 Resp: 121787

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 15.994 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031454.D

Acq: 21 Dec 2024 02:39

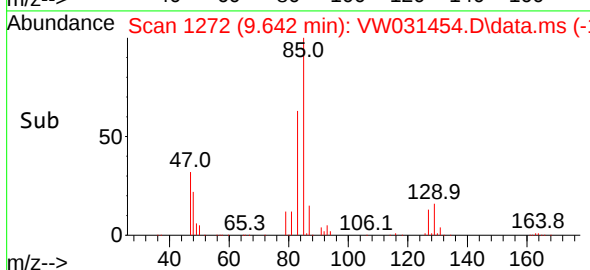
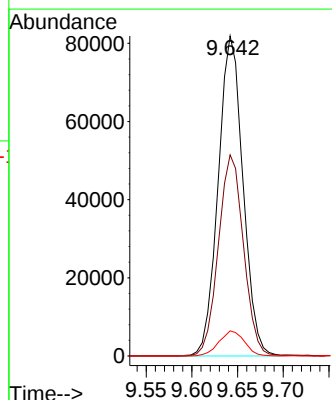
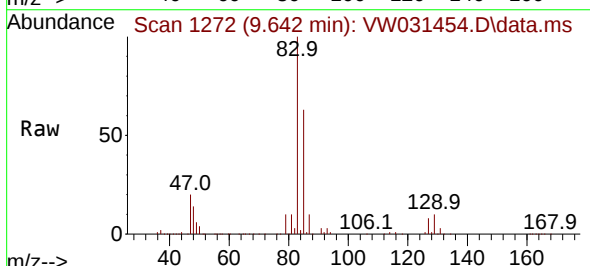
Tgt Ion: 83 Resp: 154696

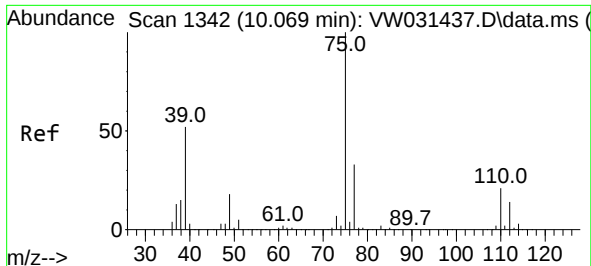
Ion Ratio Lower Upper

83 100

85 62.8 46.5 86.5

127 7.9 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 14.085 ug/L

RT: 10.068 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031454.D

Acq: 21 Dec 2024 02:39

Instrument :

MSVOA_W

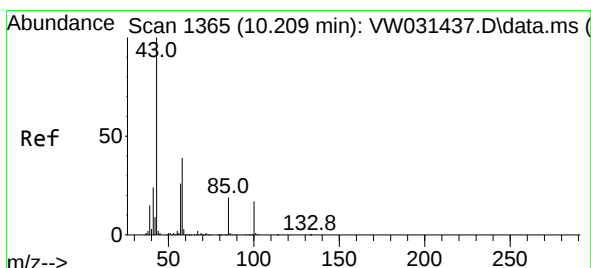
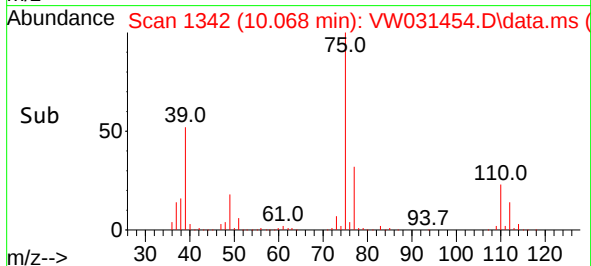
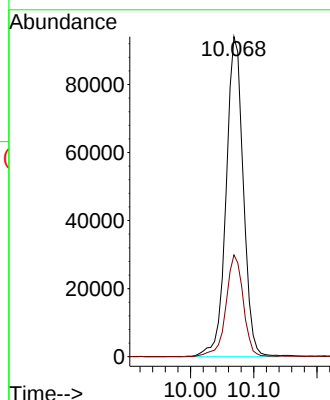
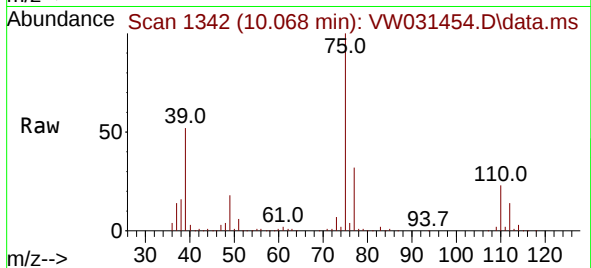
ClientSampleId :

Tgt Ion: 75 Resp: 177079

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 39.013 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW031454.D

Acq: 21 Dec 2024 02:39

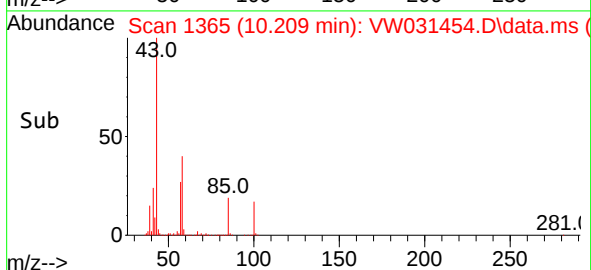
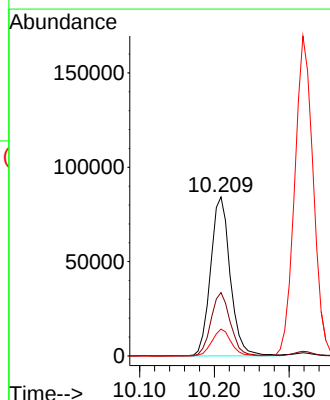
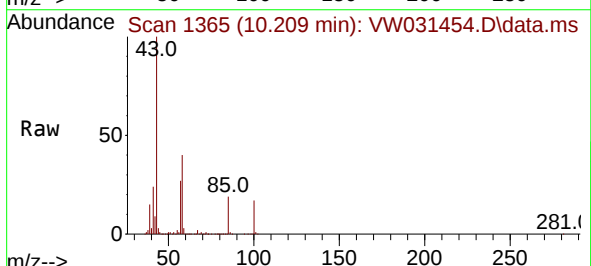
Tgt Ion: 43 Resp: 153989

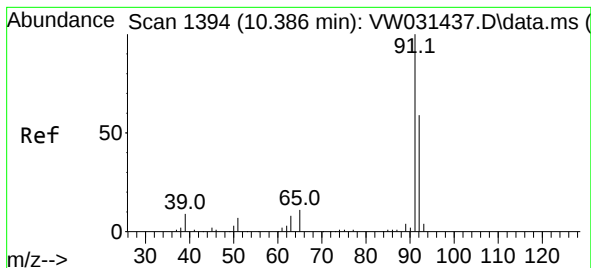
Ion Ratio Lower Upper

43 100

58 39.5 31.1 46.7

100 16.6 13.0 19.6





#42

Toluene

Concen: 13.163 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031454.D

Acq: 21 Dec 2024 02:39

Instrument :

MSVOA_W

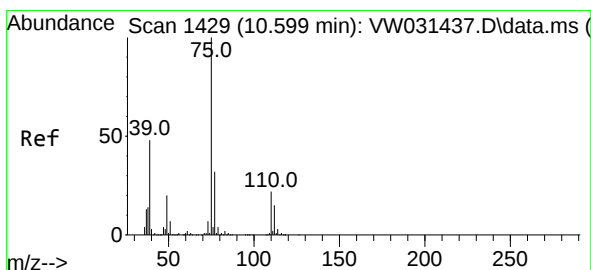
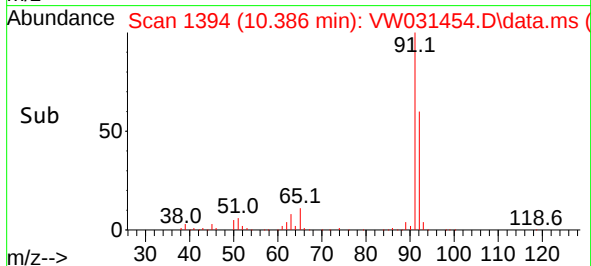
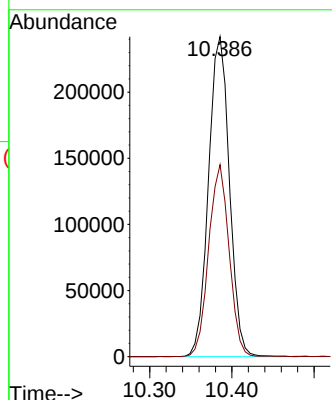
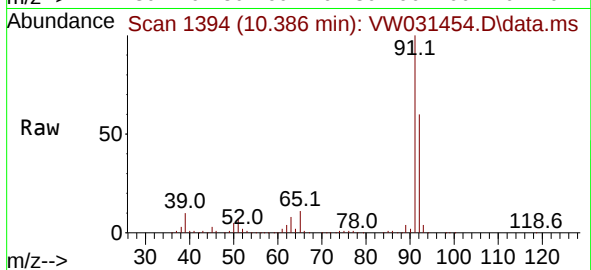
ClientSampleId :

Tgt Ion: 91 Resp: 427412

Ion Ratio Lower Upper

91 100

92 60.0 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 13.640 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VW031454.D

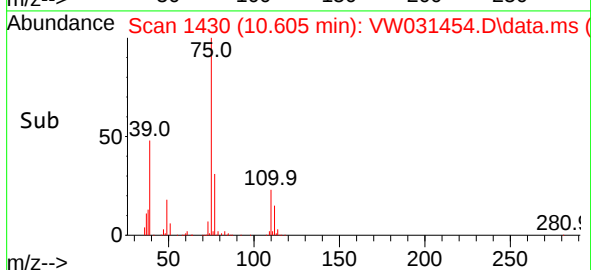
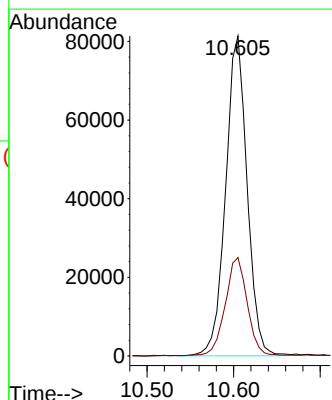
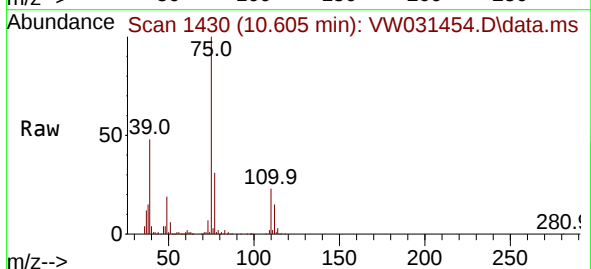
Acq: 21 Dec 2024 02:39

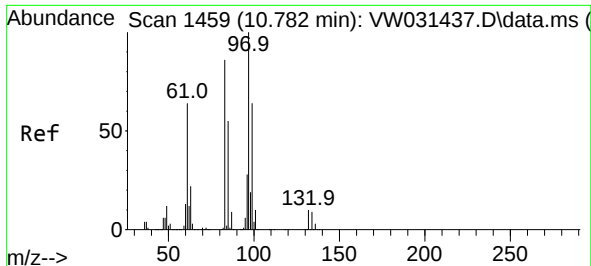
Tgt Ion: 75 Resp: 140023

Ion Ratio Lower Upper

75 100

77 30.7 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 19.112 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

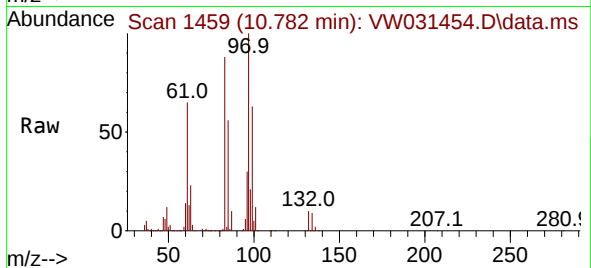
Lab File: VW031454.D

Acq: 21 Dec 2024 02:39

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 94578

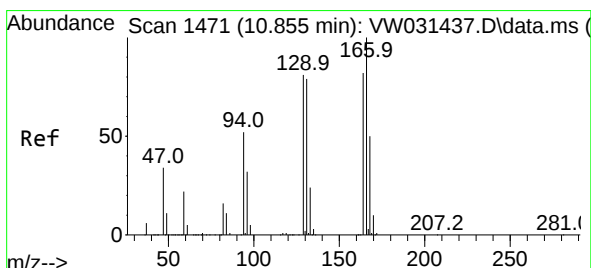
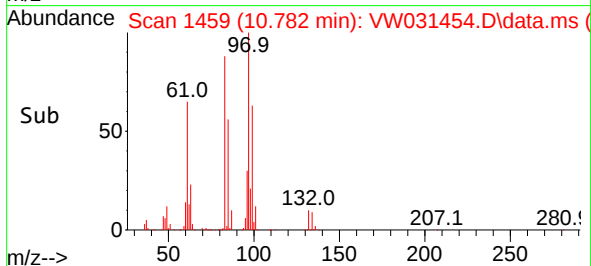
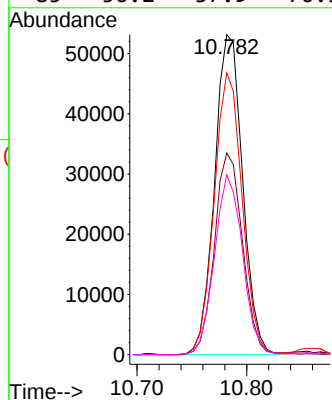
Ion Ratio Lower Upper

97 100

99 63.0 43.0 80.0

83 88.1 56.4 104.7

85 56.2 37.9 70.3



#46

Tetrachloroethene

Concen: 12.945 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW031454.D

Acq: 21 Dec 2024 02:39

Tgt Ion:164 Resp: 79837

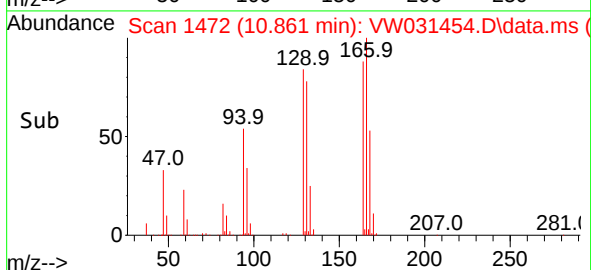
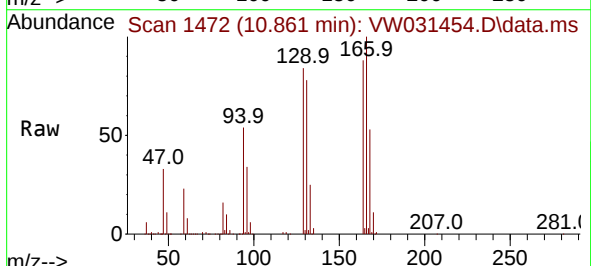
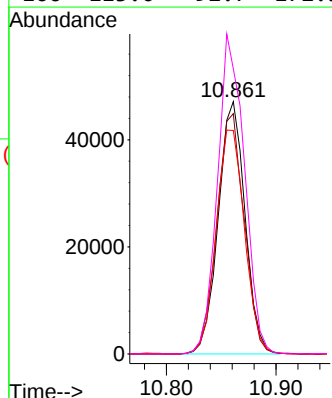
Ion Ratio Lower Upper

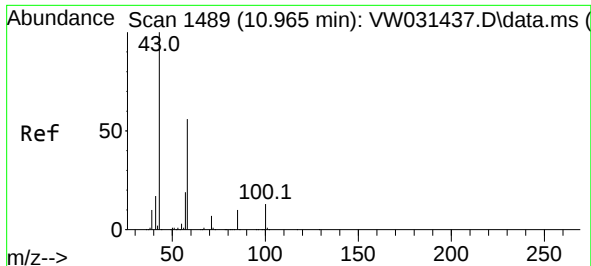
164 100

129 95.3 73.5 136.5

131 88.6 66.6 123.8

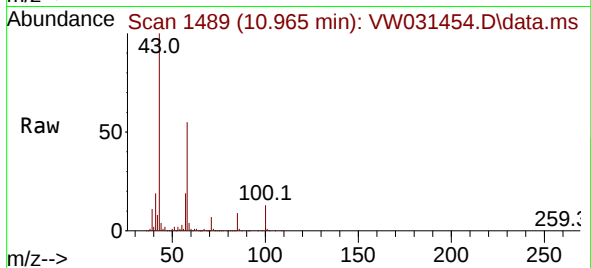
166 113.0 92.7 172.3



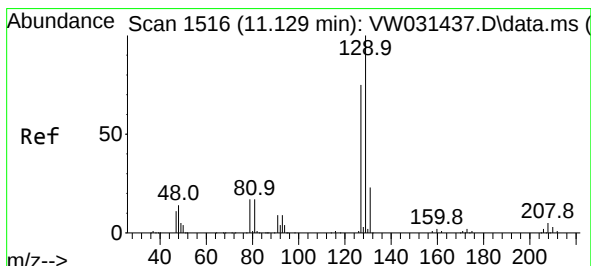
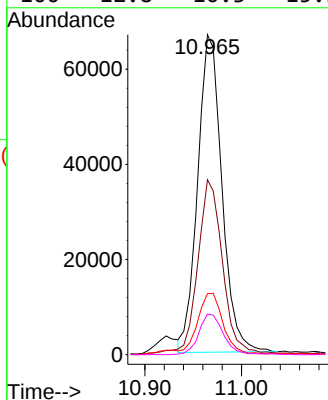
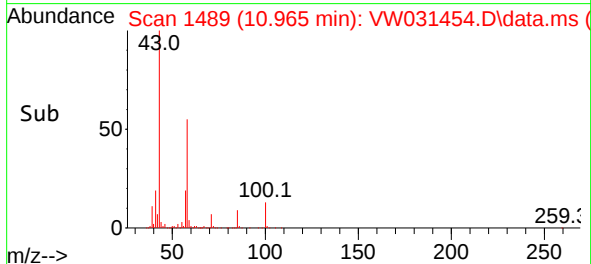


#48
2-Hexanone
Concen: 34.771 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

Instrument :
MSVOA_W
ClientSampleId :

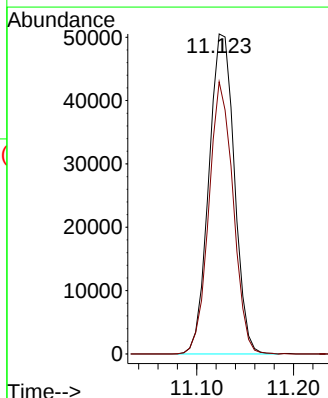
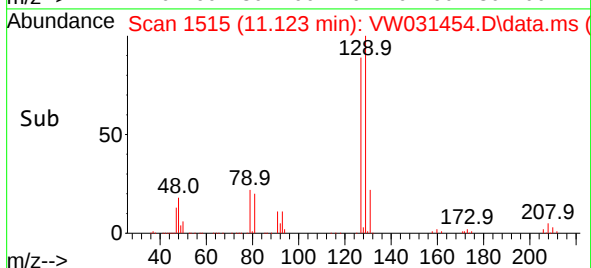
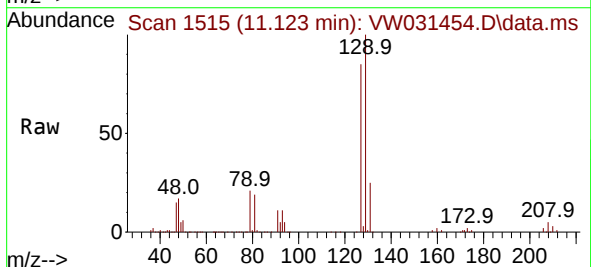


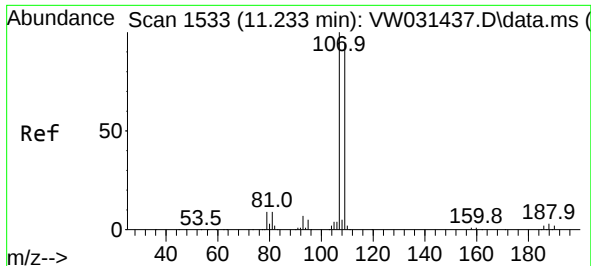
Tgt Ion:	43	Resp:	116727
Ion	Ratio	Lower	Upper
43	100		
58	56.6	43.0	64.6
57	20.4	15.7	23.5
100	12.8	10.3	15.5



#49
Dibromochloromethane
Concen: 15.796 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

Tgt Ion:	129	Resp:	92657
Ion	Ratio	Lower	Upper
129	100		
127	85.0	57.6	107.0

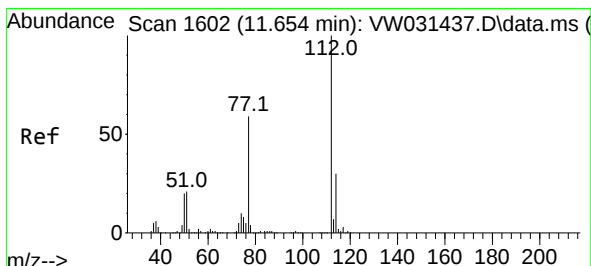
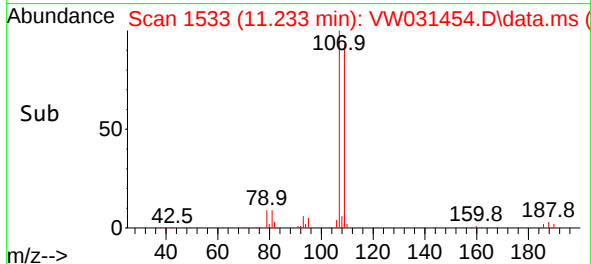
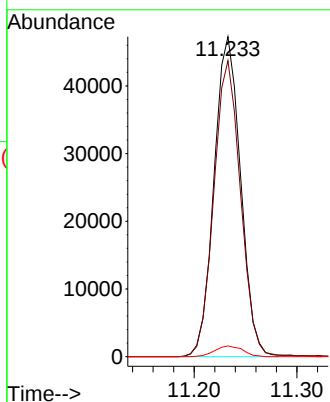
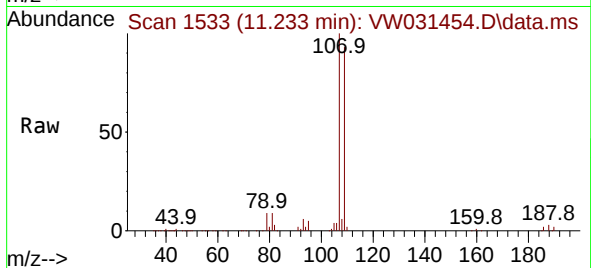




#50
1,2-Dibromoethane
Concen: 18.074 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

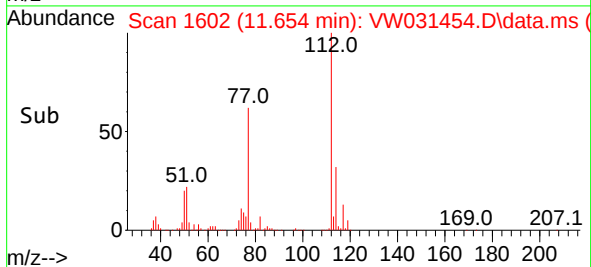
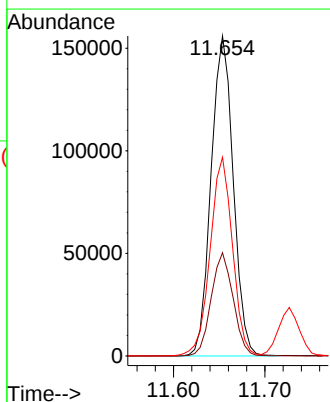
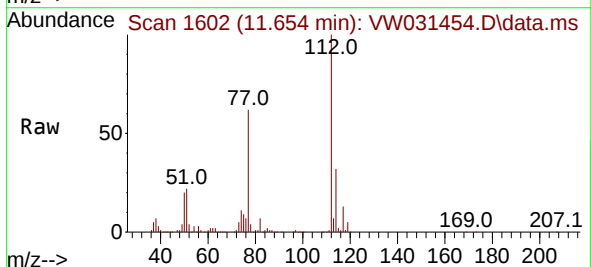
Instrument :
MSVOA_W
ClientSampleId :

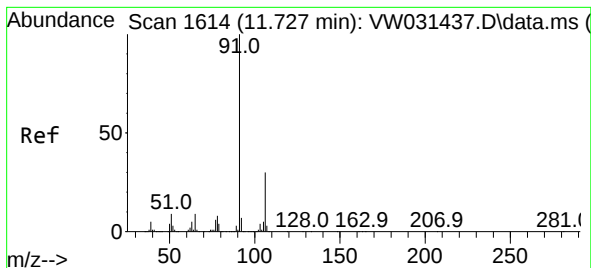
Tgt Ion:107 Resp: 84729
Ion Ratio Lower Upper
107 100
109 92.5 63.2 117.4
188 3.3 2.6 4.0



#51
Chlorobenzene
Concen: 12.894 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

Tgt Ion:112 Resp: 262506
Ion Ratio Lower Upper
112 100
114 32.3 22.7 42.3
77 62.1 50.2 75.4

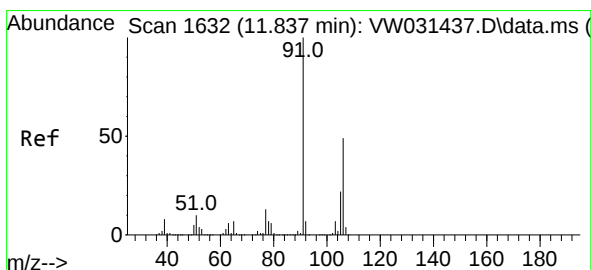
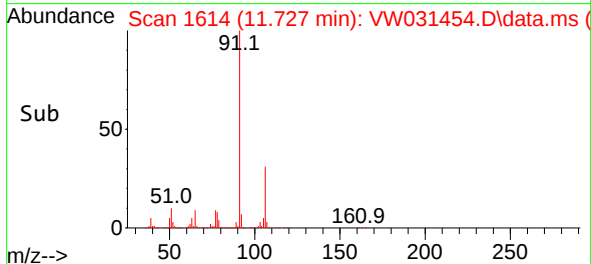
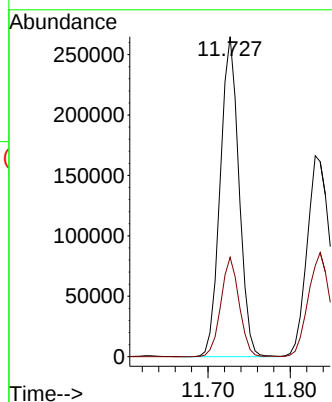
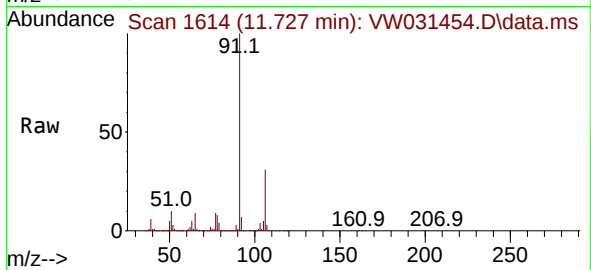




#52
Ethylbenzene
Concen: 11.156 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

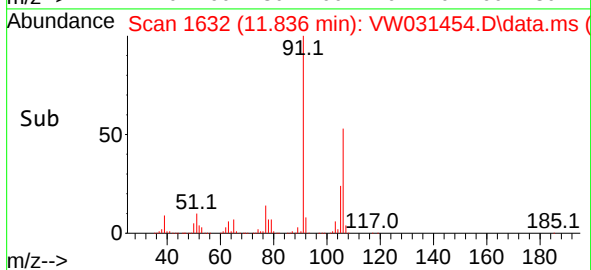
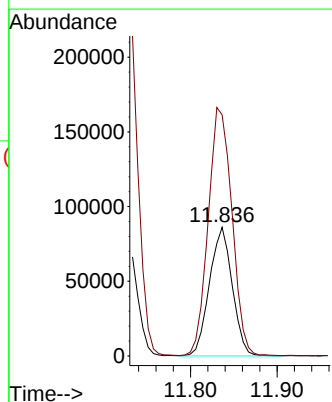
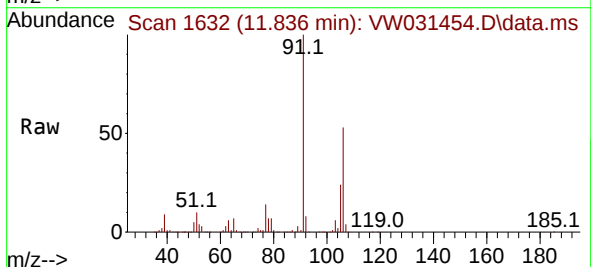
Instrument :
MSVOA_W
ClientSampleId :

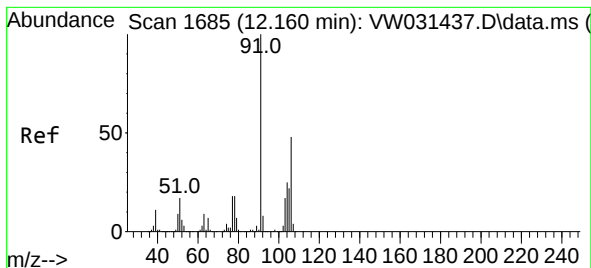
Tgt Ion: 91 Resp: 419803
Ion Ratio Lower Upper
91 100
106 31.1 20.7 38.5



#53
m,p-Xylene
Concen: 10.988 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

Tgt Ion:106 Resp: 157410
Ion Ratio Lower Upper
106 100
91 187.4 139.9 259.7

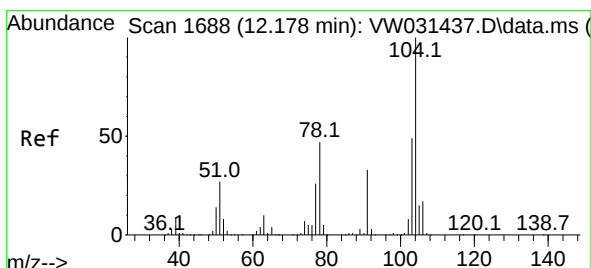
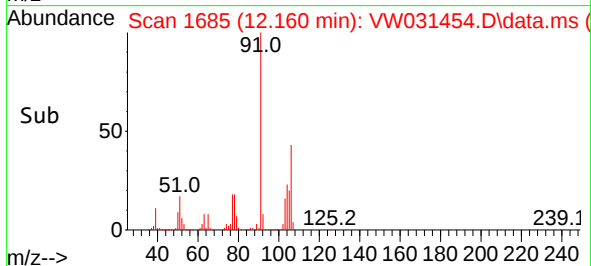
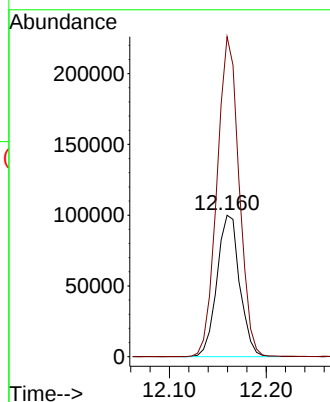
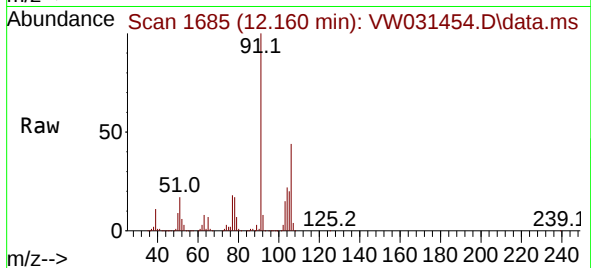




#54
o-Xylene
Concen: 12.086 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

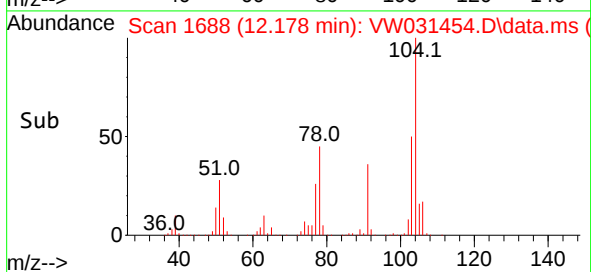
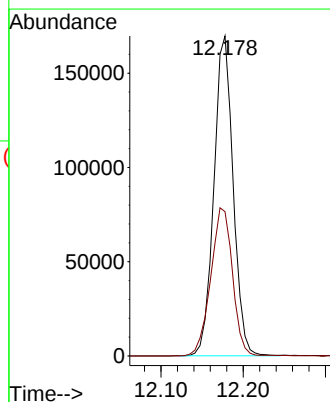
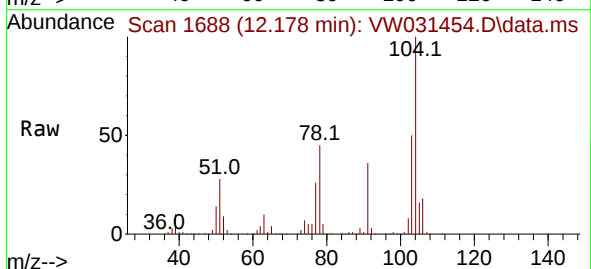
Instrument :
MSVOA_W
ClientSampleId :

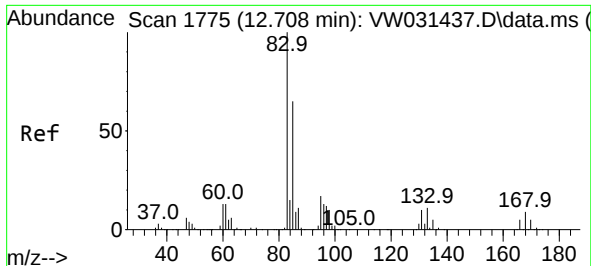
Tgt Ion:106 Resp: 163177
Ion Ratio Lower Upper
106 100
91 226.2 153.1 284.3



#55
Styrene
Concen: 12.280 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

Tgt Ion:104 Resp: 275784
Ion Ratio Lower Upper
104 100
78 45.1 31.4 58.4

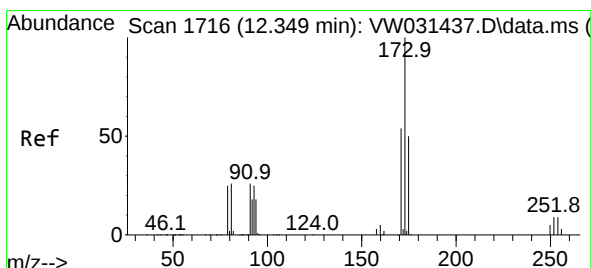
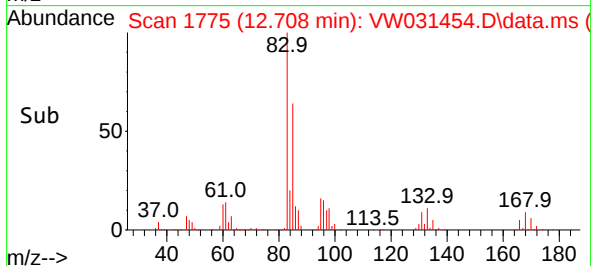
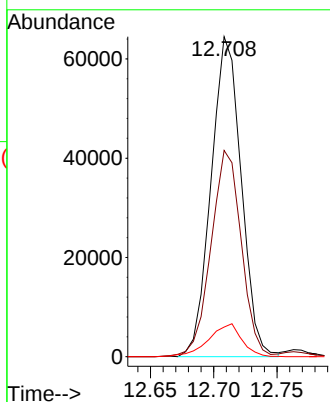
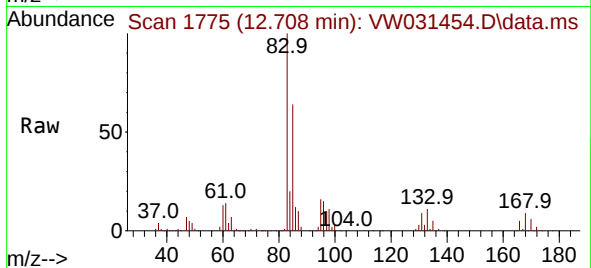




#57
1,1,2,2-Tetrachloroethane
Concen: 20.021 ug/L
RT: 12.708 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

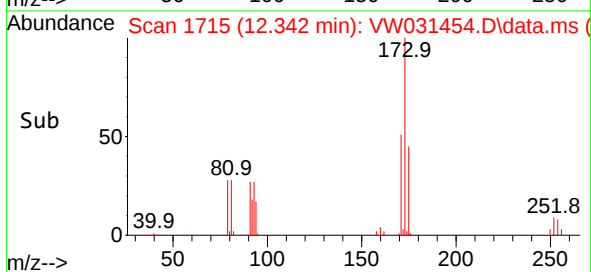
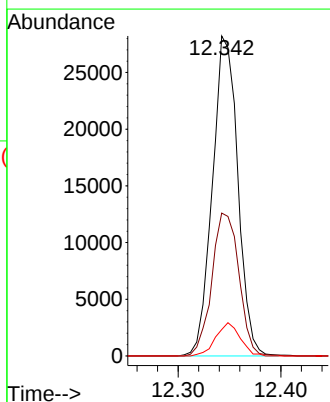
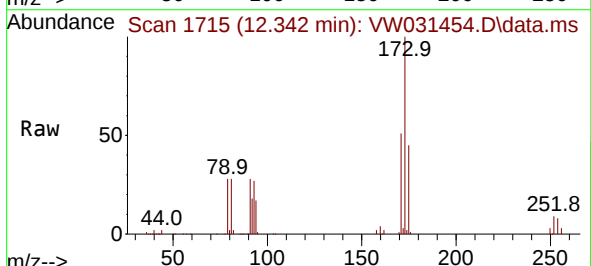
Instrument :
MSVOA_W
ClientSampleId :

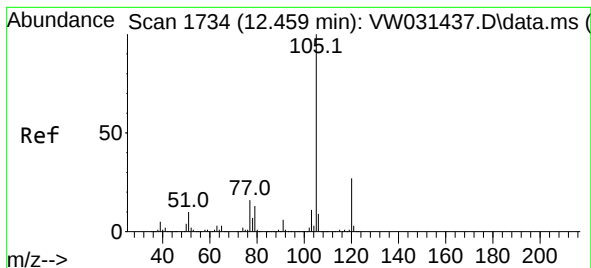
Tgt Ion: 83 Resp: 106805
Ion Ratio Lower Upper
83 100
85 64.4 44.1 81.9
131 9.3 7.9 11.9



#59
Bromoform
Concen: 18.730 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

Tgt Ion:173 Resp: 48429
Ion Ratio Lower Upper
173 100
175 47.6 38.6 57.8
254 9.9 7.6 11.4





#60

Isopropylbenzene

Concen: 12.321 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031454.D

Acq: 21 Dec 2024 02:39

Instrument :

MSVOA_W

ClientSampleId :

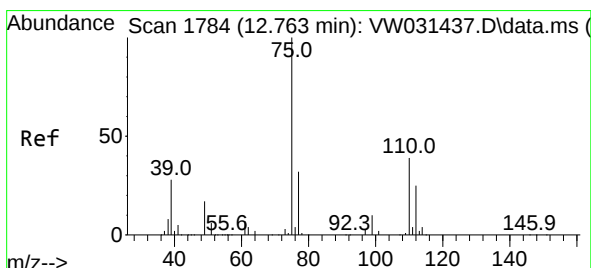
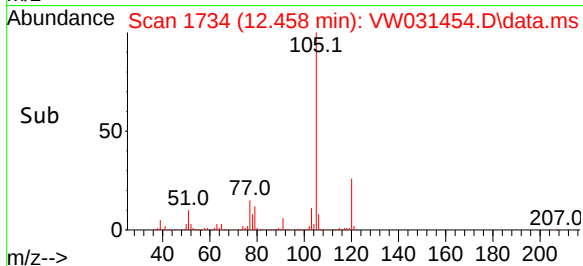
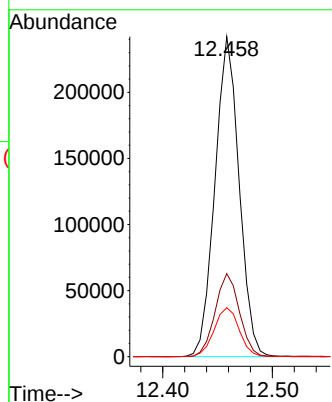
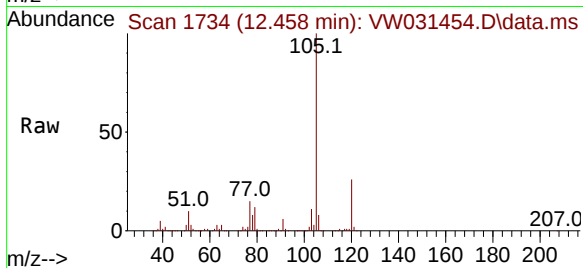
Tgt Ion:105 Resp: 371113

Ion Ratio Lower Upper

105 100

120 26.0 20.6 31.0

77 15.8 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 25.570 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW031454.D

Acq: 21 Dec 2024 02:39

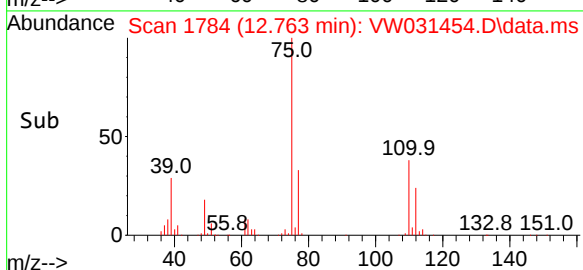
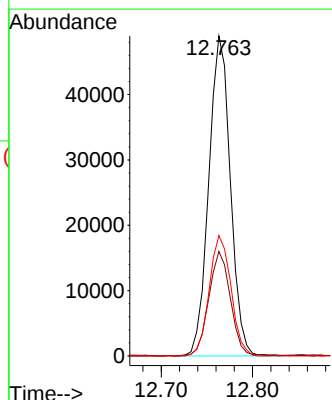
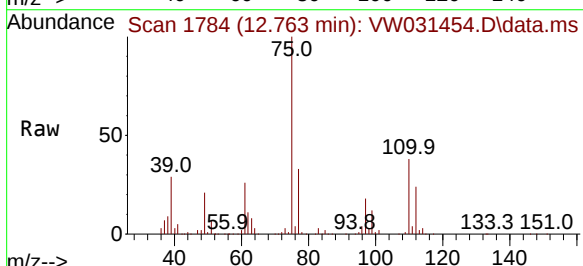
Tgt Ion: 75 Resp: 80532

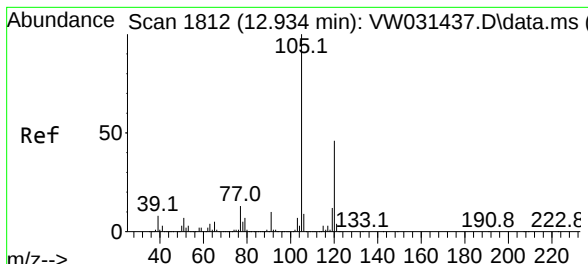
Ion Ratio Lower Upper

75 100

77 32.7 25.3 37.9

110 37.8 31.2 46.8

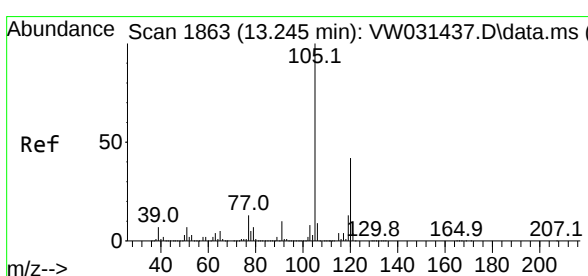
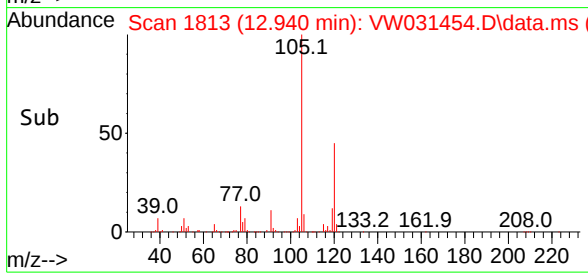
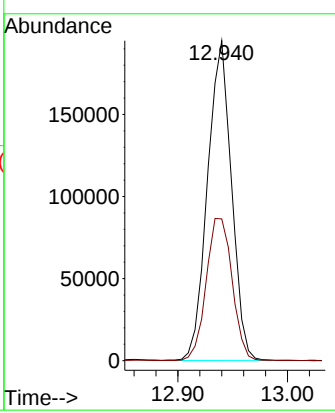
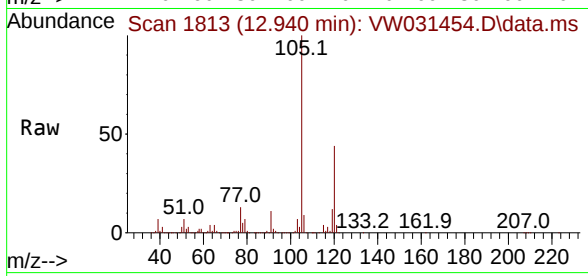




#62
1,3,5-Trimethylbenzene
Concen: 11.601 ug/L
RT: 12.940 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

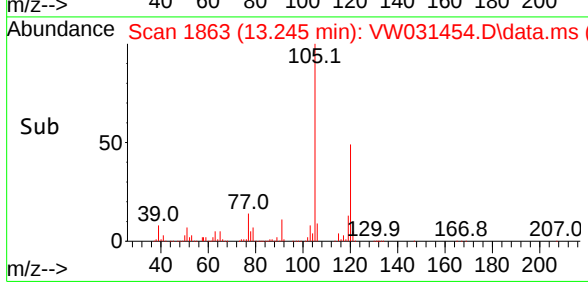
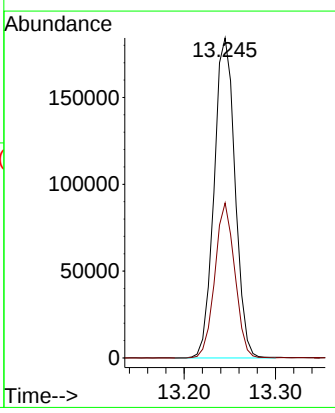
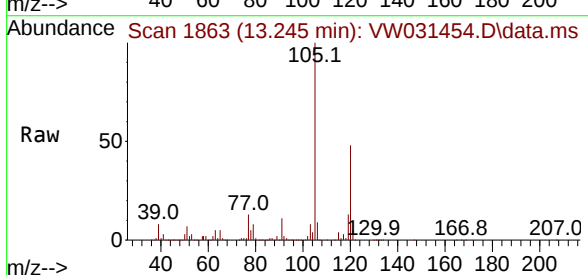
Instrument :
MSVOA_W
ClientSampleId :

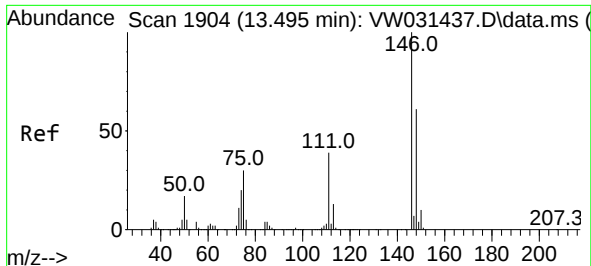
Tgt Ion:105 Resp: 296239
Ion Ratio Lower Upper
105 100
120 48.2 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 11.891 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

Tgt Ion:105 Resp: 293474
Ion Ratio Lower Upper
105 100
120 46.1 35.0 52.4

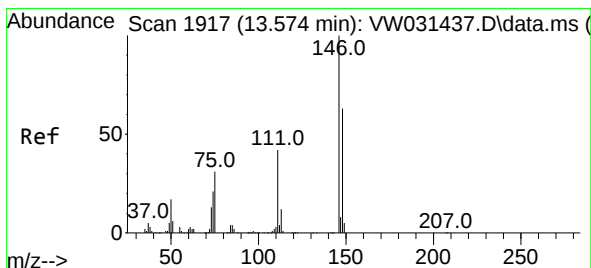
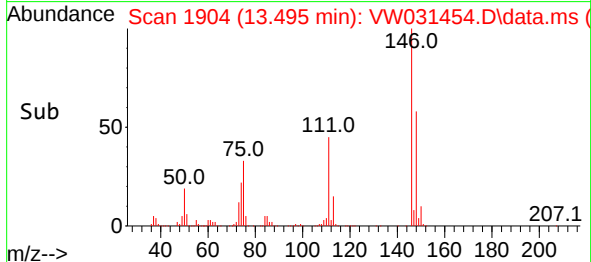
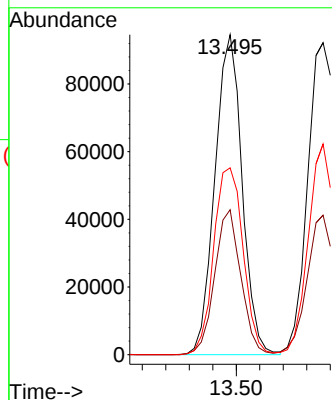
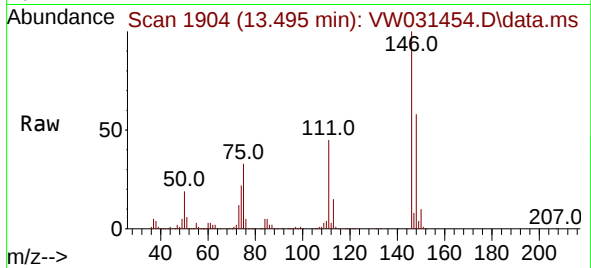




#64
1,3-Dichlorobenzene
Concen: 12.477 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

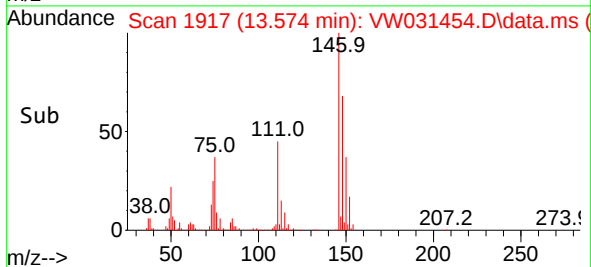
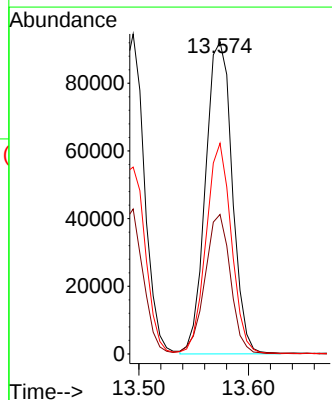
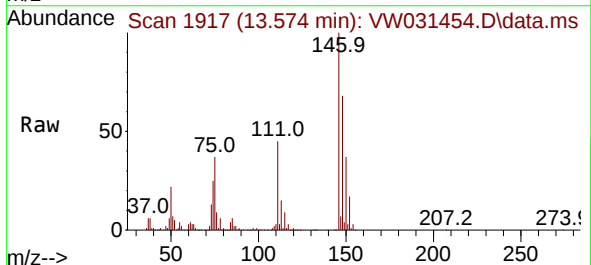
Instrument :
MSVOA_W
ClientSampleId :

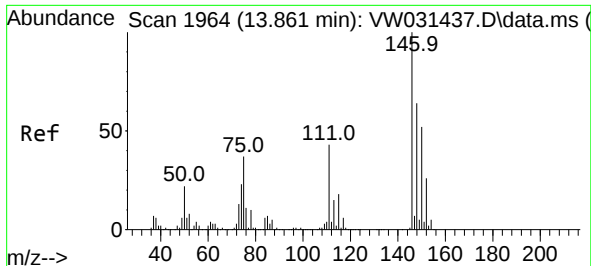
Tgt Ion:146 Resp: 152259
Ion Ratio Lower Upper
146 100
111 45.3 27.6 51.2
148 58.4 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 12.915 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031454.D
Acq: 21 Dec 2024 02:39

Tgt Ion:146 Resp: 156151
Ion Ratio Lower Upper
146 100
111 44.7 30.7 56.9
148 67.5 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 15.584 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW031454.D

Acq: 21 Dec 2024 02:39

Instrument :

MSVOA_W

ClientSampleId :

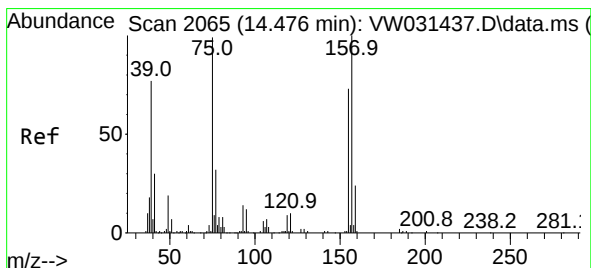
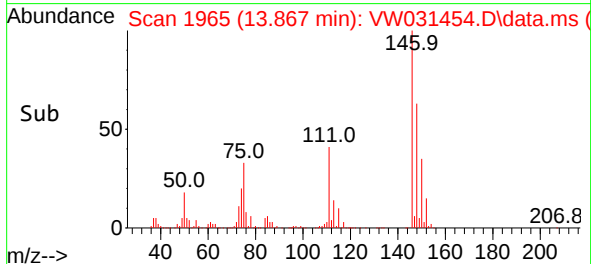
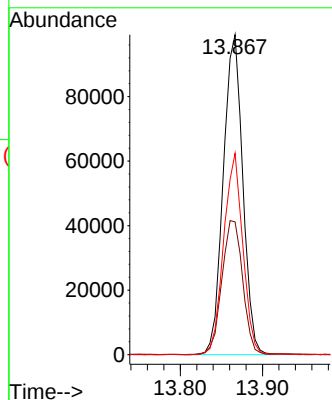
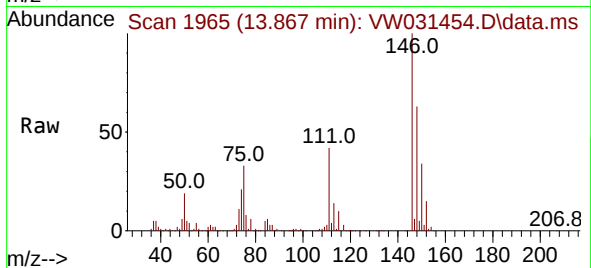
Tgt Ion:146 Resp: 163858

Ion Ratio Lower Upper

146 100

111 41.5 38.6 58.0

148 62.9 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 19.873 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW031454.D

Acq: 21 Dec 2024 02:39

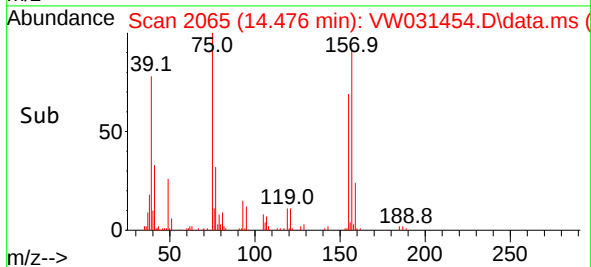
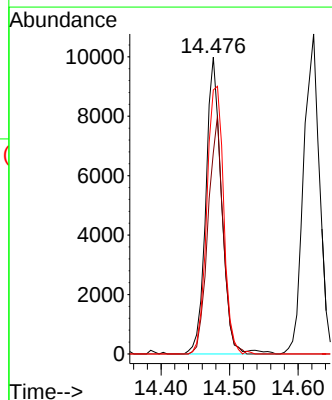
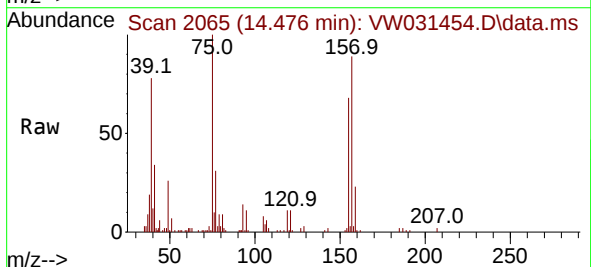
Tgt Ion: 75 Resp: 15883

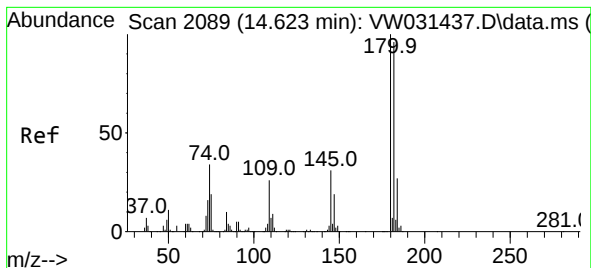
Ion Ratio Lower Upper

75 100

155 67.8 56.6 85.0

157 89.0 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 10.741 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

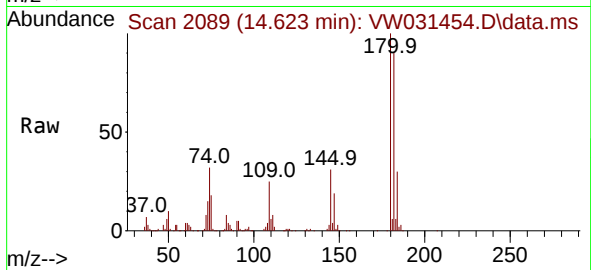
Lab File: VW031454.D

Acq: 21 Dec 2024 02:39

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 91795

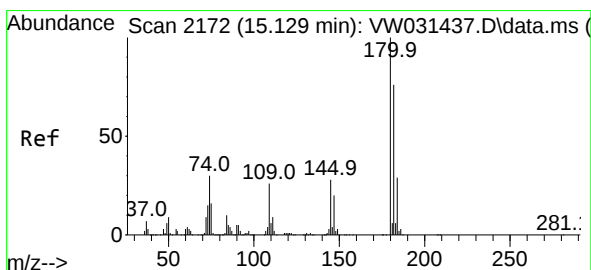
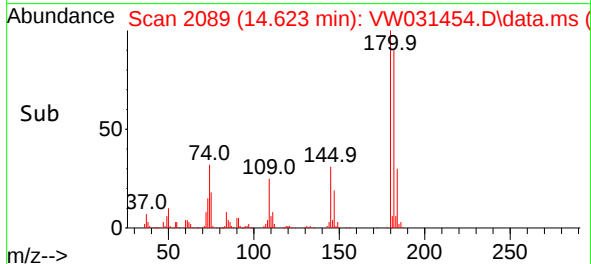
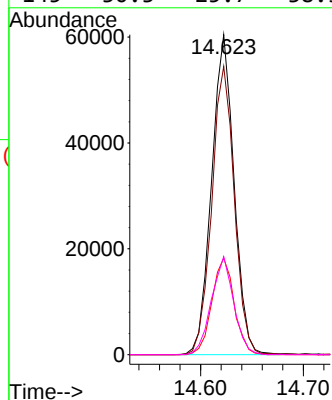
Ion Ratio Lower Upper

180 100

182 90.1 75.0 112.4

184 29.8 24.6 36.8

145 30.3 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 10.500 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031454.D

Acq: 21 Dec 2024 02:39

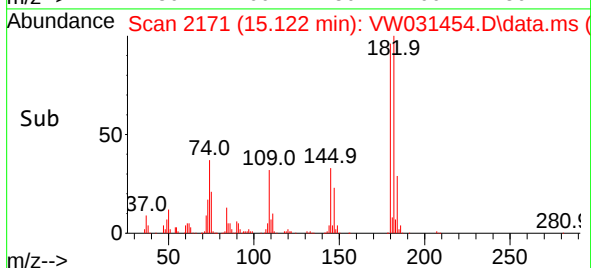
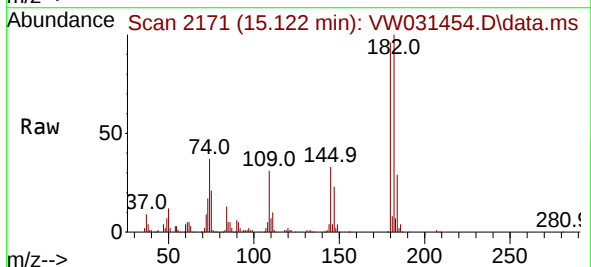
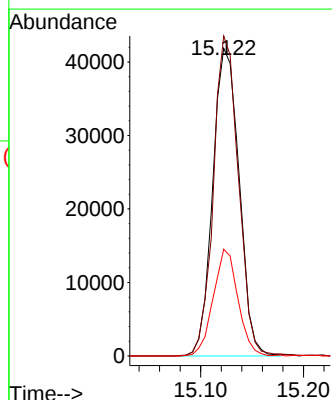
Tgt Ion:180 Resp: 74649

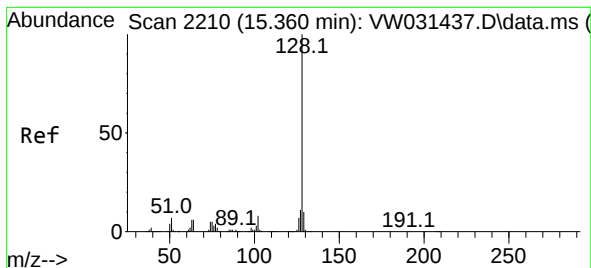
Ion Ratio Lower Upper

180 100

182 98.8 78.2 117.2

145 32.5 26.7 40.1





#71

Naphthalene

Concen: 16.806 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW031454.D

Acq: 21 Dec 2024 02:39

Instrument :

MSVOA_W

ClientSampleId :

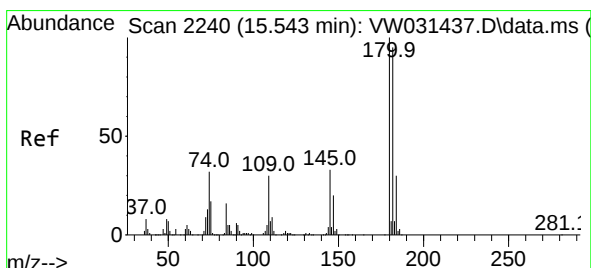
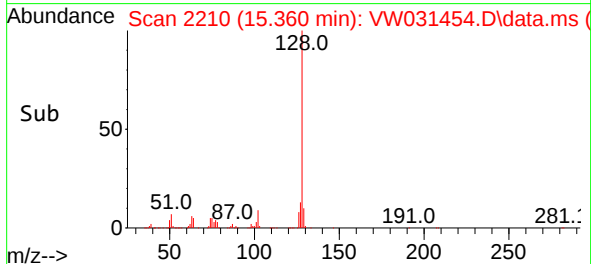
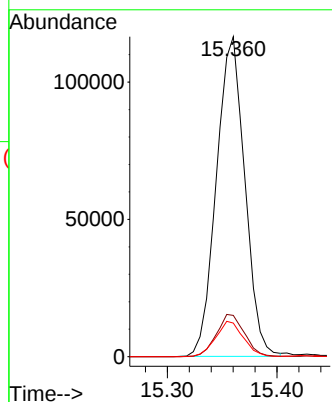
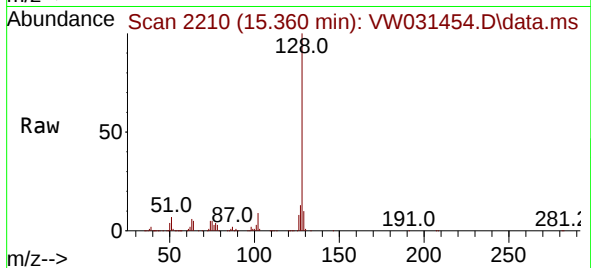
Tgt Ion:128 Resp: 209470

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 12.599 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW031454.D

Acq: 21 Dec 2024 02:39

Tgt Ion:180 Resp: 72167

Ion Ratio Lower Upper

180 100

182 102.1 75.0 112.4

145 36.0 27.8 41.6

