

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
 Data File : VW031411.D
 Acq On : 20 Dec 2024 02:56
 Operator : SY/MD
 Sample : P5258-06MSD
 Misc : 4.19g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 04:12:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 03:08:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	547876	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	492246	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	241109	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	153998	18.681	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.720%
7) Chloroethane-d5	2.899	69	128276	21.036	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.160%
11) 1,1-Dichloroethene-d2	4.015	65	65145	16.660	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.640%
21) 2-Butanone-d5	7.100	46	75136	48.399	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.800%
24) Chloroform-d	7.648	84	325701	21.697	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	8.301	65	178254	23.645	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.560%
32) Benzene-d6	8.270	84	625953	19.840	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.360%
36) 1,2-Dichloropropane-d6	9.270	67	191166	20.790	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.160%
41) Toluene-d8	10.319	98	566857	19.313	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.240%
43) trans-1,3-Dichloroprop...	10.575	79	76013	17.928	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.720%
47) 2-Hexanone-d5	10.922	63	59243	47.909	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	150314	26.036	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	200856	22.440	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	99816	20.159	ug/L	94
3) Chloromethane	2.216	50	124690	22.416	ug/L	96
5) Vinyl chloride	2.369	62	183565	23.812	ug/L	98
6) Bromomethane	2.789	94	127569	26.917	ug/L	98
8) Chloroethane	2.930	64	124414	27.138	ug/L	99
9) Trichlorofluoromethane	3.265	101	161175	19.626	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	146340	22.067	ug/L	98
12) 1,1-Dichloroethene	4.039	96	152093	22.645	ug/L	88
13) Acetone	4.173	43	59839	27.677	ug/L #	100
14) Carbon disulfide	4.387	76	412087	18.813	ug/L	98
16) Methylene chloride	4.917	84	178437	25.885	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	174251	24.068	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	330925	27.342	ug/L	99
19) 1,1-Dichloroethane	6.216	63	339872	25.122	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	205456	26.229	ug/L	99
22) 2-Butanone	7.191	43	92002	35.120	ug/L	95
23) Bromochloromethane	7.508	128	88092	28.198	ug/L	89
25) Chloroform	7.673	83	365236	27.354	ug/L	100
27) 1,2-Dichloroethane	8.398	62	240007	28.592	ug/L	98

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 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 03:08:41 2024
 Response via : Initial Calibration

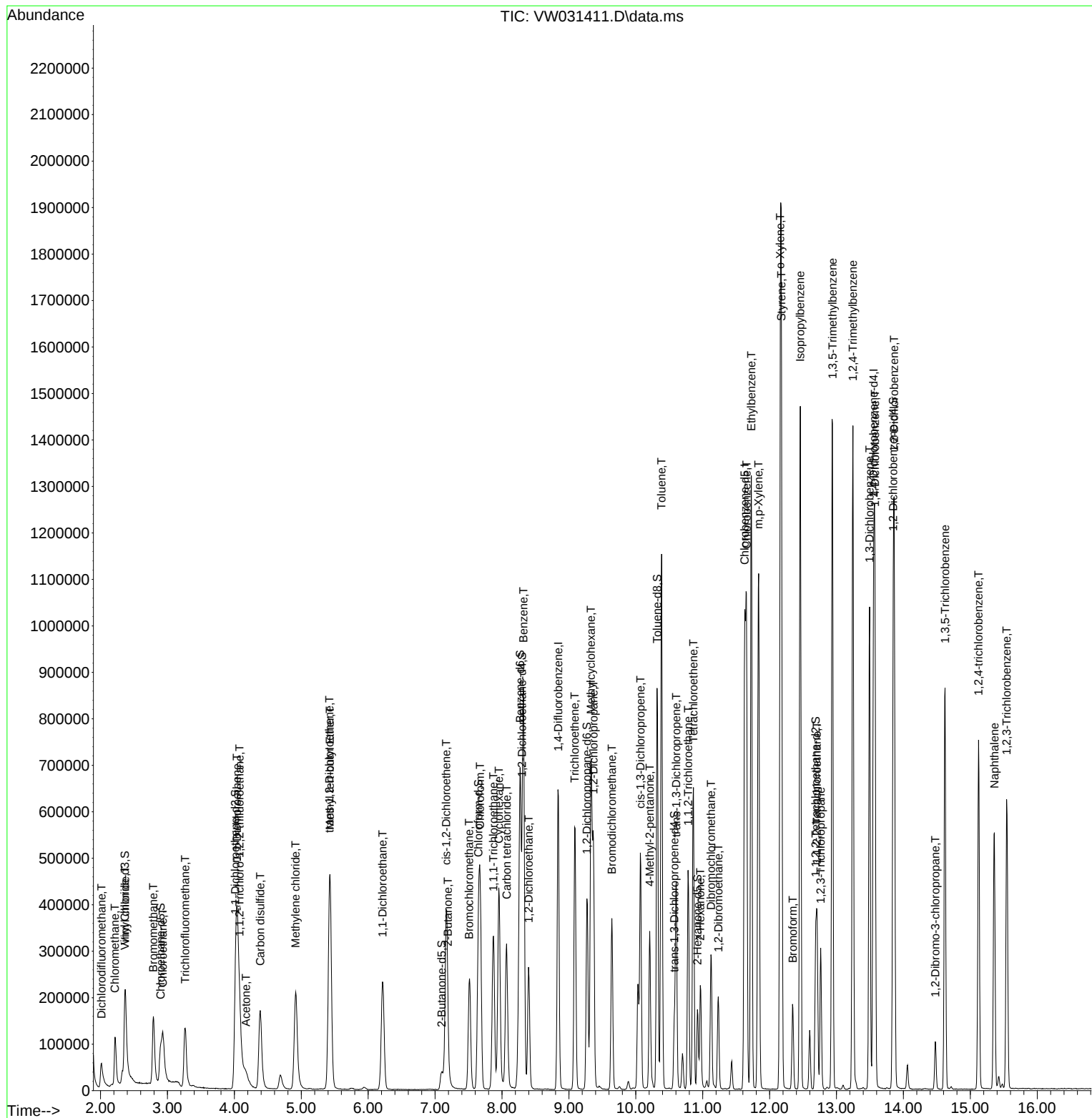
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	251751	18.859	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	274462	21.572	ug/L	99
31) Carbon tetrachloride	8.069	117	230853	20.366	ug/L	99
33) Benzene	8.319	78	749472	24.638	ug/L	100
34) Trichloroethene	9.087	95	205860	23.970	ug/L	92
35) Methylcyclohexane	9.331	83	300547	20.095	ug/L	97
37) 1,2-Dichloropropane	9.368	63	192864	25.415	ug/L	100
38) Bromodichloromethane	9.642	83	246066	24.942	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	290291	22.637	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	217561	54.037	ug/L	99
42) Toluene	10.386	91	818269	24.707	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	244940	23.393	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	146395	29.003	ug/L	96
46) Tetrachloroethene	10.861	164	139196	22.127	ug/L	96
48) 2-Hexanone	10.965	43	141937	41.451	ug/L	99
49) Dibromochloromethane	11.123	129	151870	25.383	ug/L	85
50) 1,2-Dibromoethane	11.233	107	137127	28.678	ug/L	97
51) Chlorobenzene	11.654	112	519782	25.031	ug/L	98
52) Ethylbenzene	11.727	91	930551	24.243	ug/L	95
53) m,p-Xylene	11.837	106	353846	24.215	ug/L	97
54) o-Xylene	12.160	106	344270	24.999	ug/L	99
55) Styrene	12.178	104	609326	26.599	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	163476	30.044	ug/L	98
59) Bromoform	12.349	173	81138	23.954	ug/L	98
60) Isopropylbenzene	12.458	105	928269	23.526	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	123266	29.877	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	778914	23.285	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	759656	23.496	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	406804	25.447	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	409546	25.857	ug/L	92
67) 1,2-Dichlorobenzene	13.861	146	365339	26.524	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	26344	25.161	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	259197	23.151	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	228736	24.560	ug/L	96
71) Naphthalene	15.360	128	482838	29.571	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	203251	27.087	ug/L	99

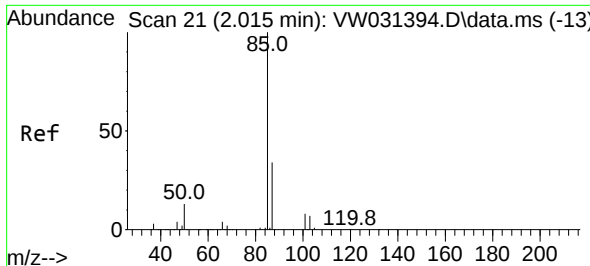
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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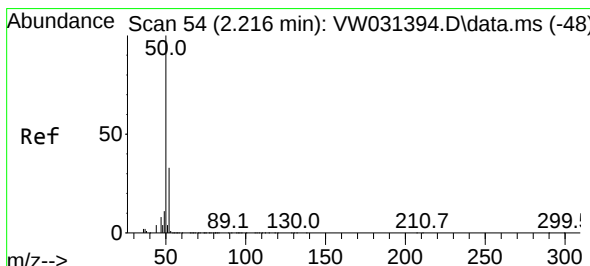
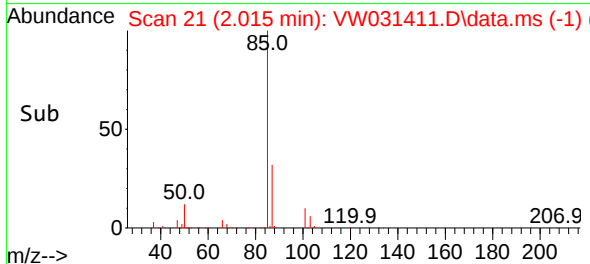
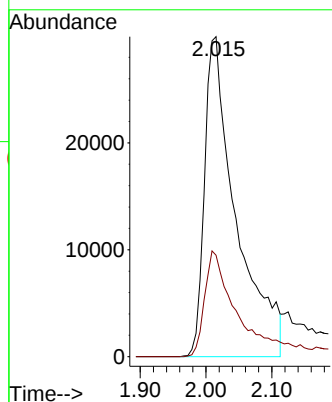
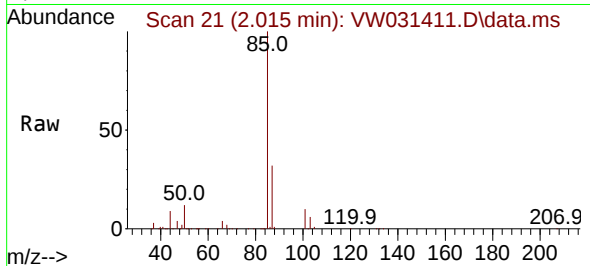




#2
 Dichlorodifluoromethane
 Concen: 20.159 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031411.D
 Acq: 20 Dec 2024 02:56

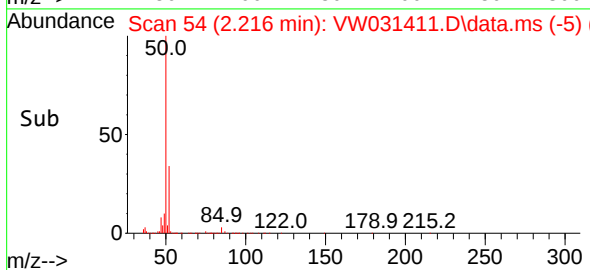
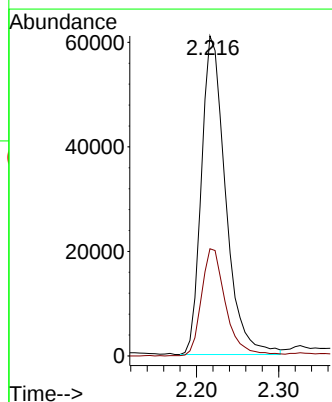
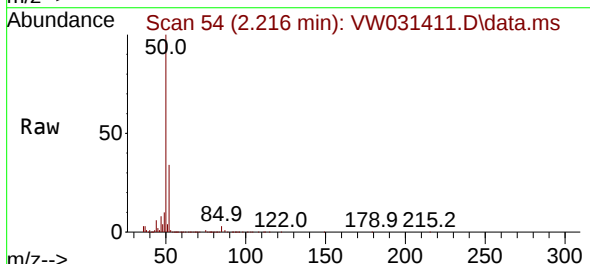
Instrument :
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 ClientSampleId :

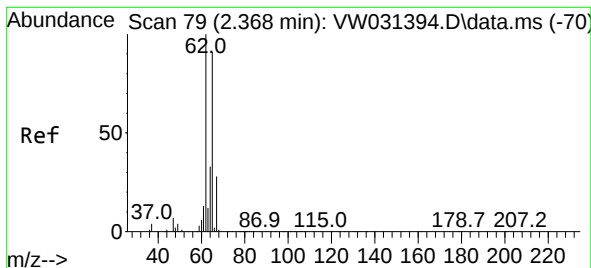
Tgt Ion: 85 Resp: 99816
 Ion Ratio Lower Upper
 85 100
 87 34.2 24.9 37.3



#3
 Chloromethane
 Concen: 22.416 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VW031411.D
 Acq: 20 Dec 2024 02:56

Tgt Ion: 50 Resp: 124690
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.0 41.0





#5

Vinyl chloride

Concen: 23.812 ug/L

RT: 2.369 min Scan# 79

Delta R.T. 0.000 min

Lab File: VW031411.D

Acq: 20 Dec 2024 02:56

Instrument :

MSVOA_W

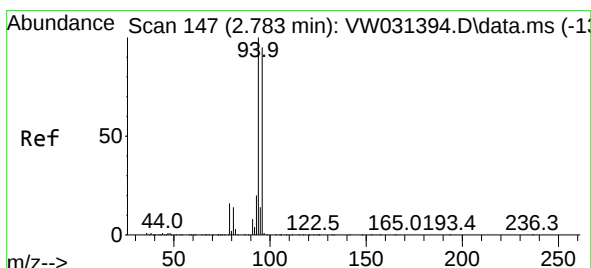
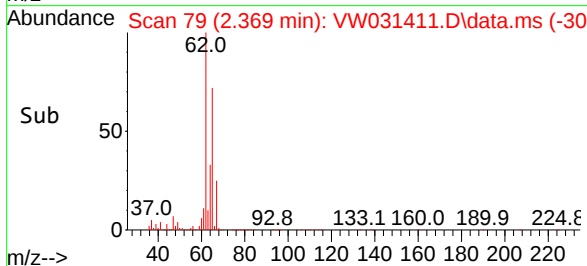
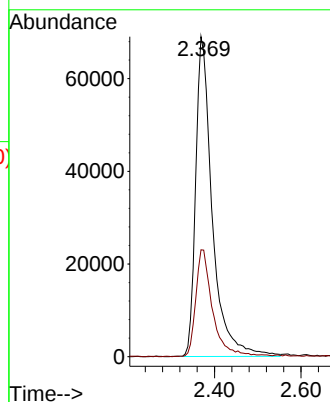
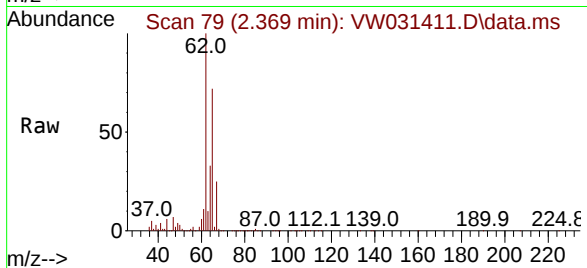
ClientSampleId :

Tgt Ion: 62 Resp: 183565

Ion Ratio Lower Upper

62 100

64 33.4 24.1 44.8



#6

Bromomethane

Concen: 26.917 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.006 min

Lab File: VW031411.D

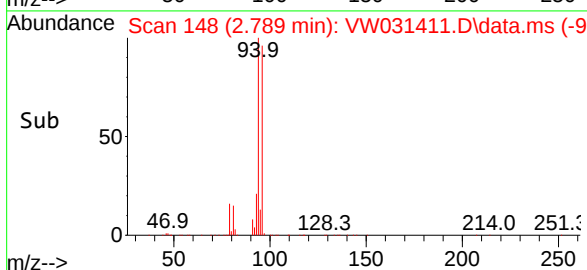
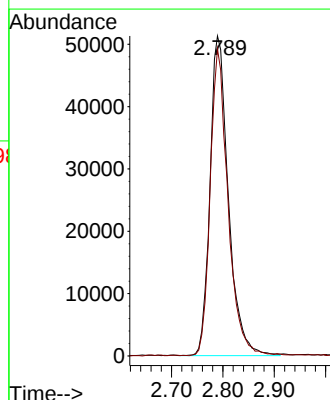
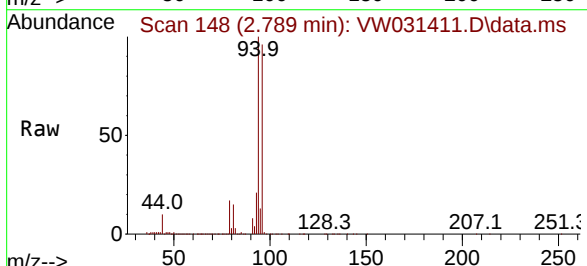
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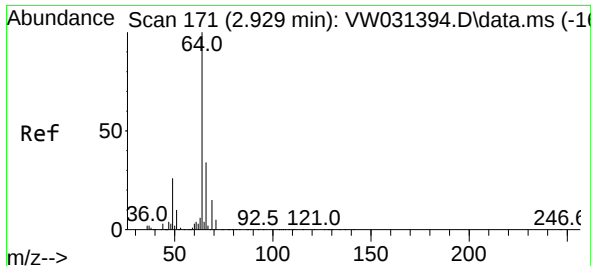
Tgt Ion: 94 Resp: 127569

Ion Ratio Lower Upper

94 100

96 96.0 65.6 121.8

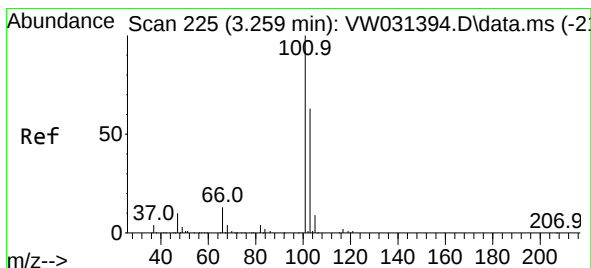
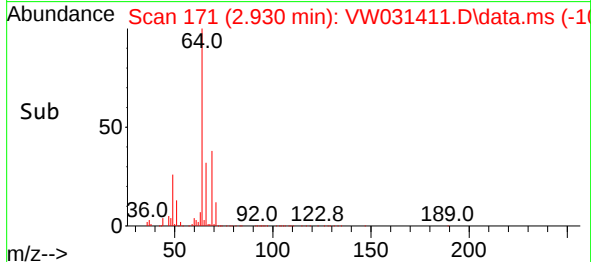
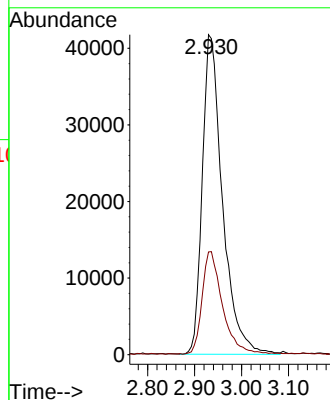
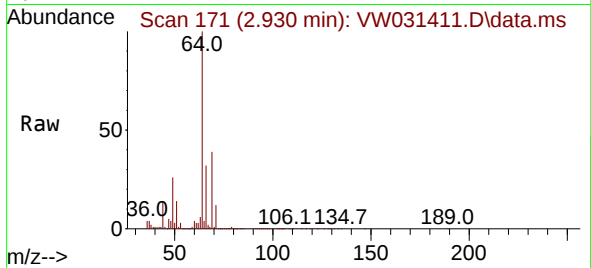




#8
Chloroethane
Concen: 27.138 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW031411.D
Acq: 20 Dec 2024 02:56

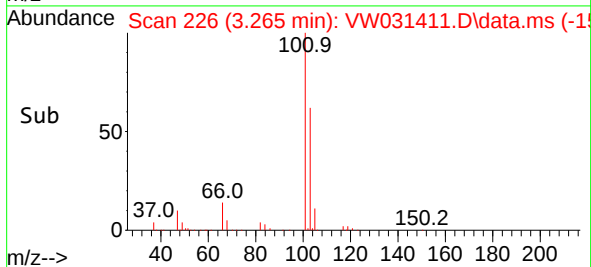
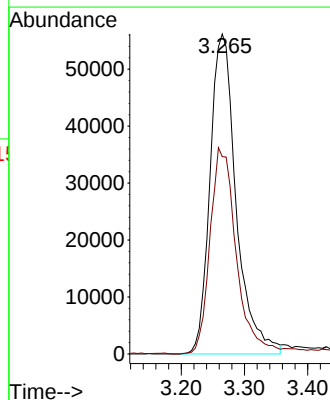
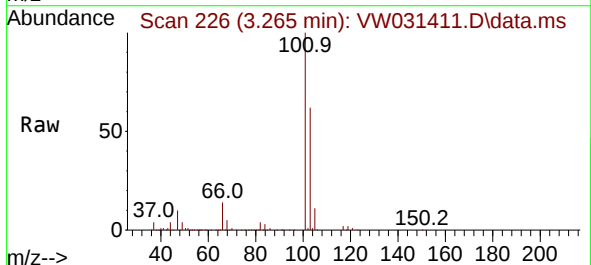
Instrument :
MSVOA_W
ClientSampleId :

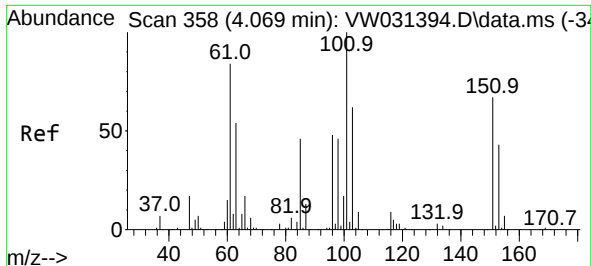
Tgt Ion: 64 Resp: 124414
Ion Ratio Lower Upper
64 100
66 32.1 22.7 42.3



#9
Trichlorofluoromethane
Concen: 19.626 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW031411.D
Acq: 20 Dec 2024 02:56

Tgt Ion:101 Resp: 161175
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

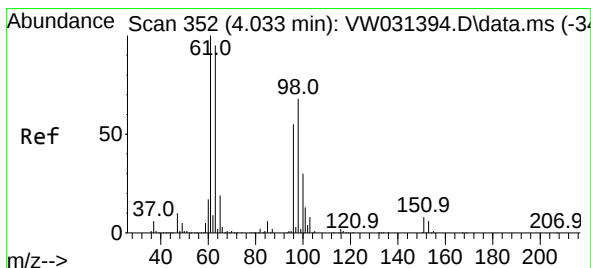
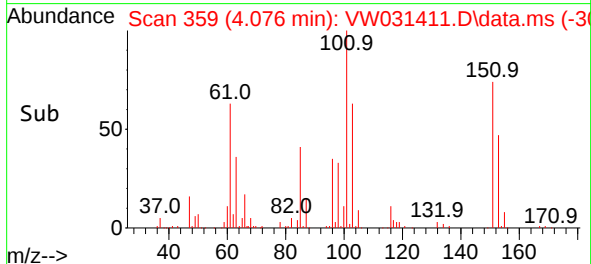
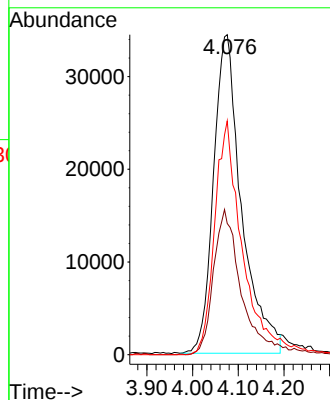
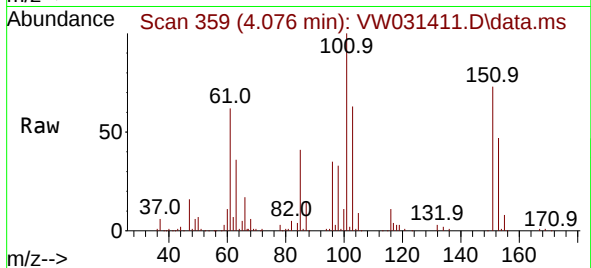




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.067 ug/L
 RT: 4.076 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW031411.D
 Acq: 20 Dec 2024 02:56

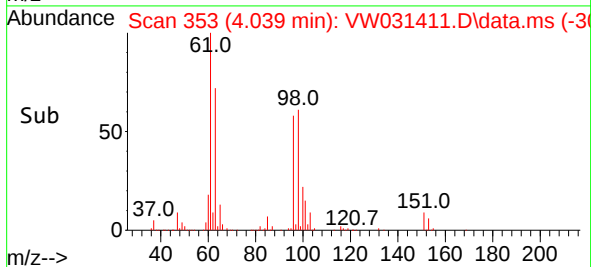
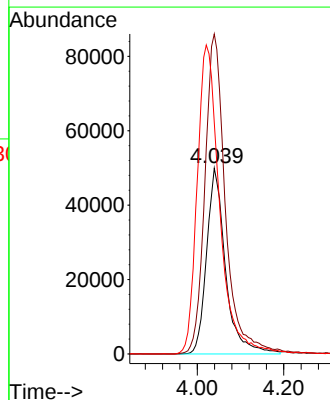
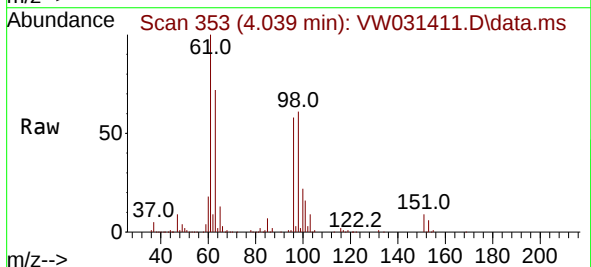
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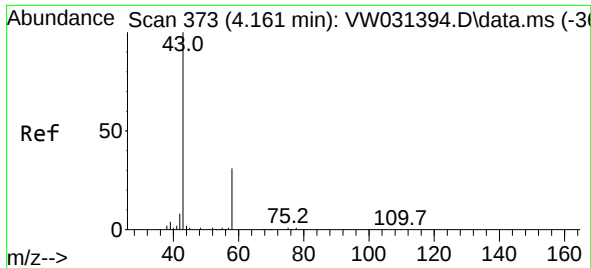
Tgt Ion:101 Resp: 146340
 Ion Ratio Lower Upper
 101 100
 85 43.2 33.0 49.4
 151 70.1 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 22.645 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. 0.006 min
 Lab File: VW031411.D
 Acq: 20 Dec 2024 02:56

Tgt Ion: 96 Resp: 152093
 Ion Ratio Lower Upper
 96 100
 61 172.3 125.3 232.7
 63 124.5 104.6 194.2

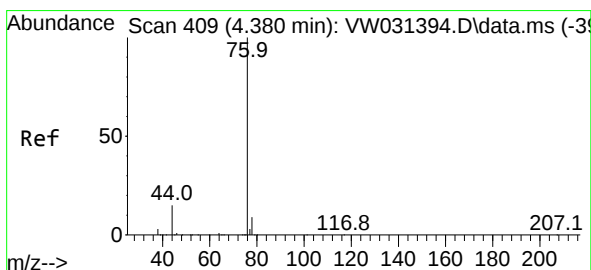
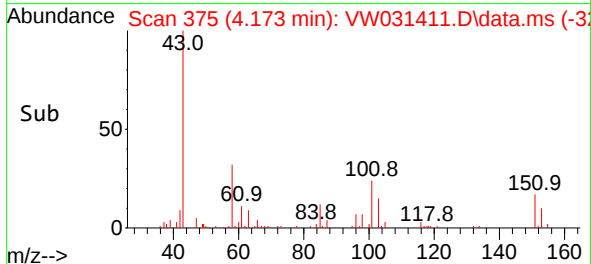
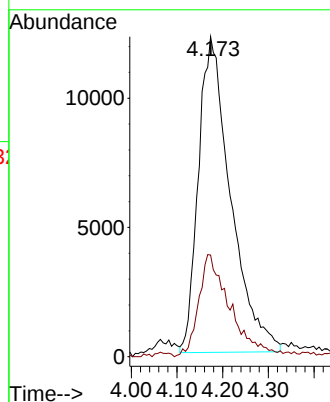
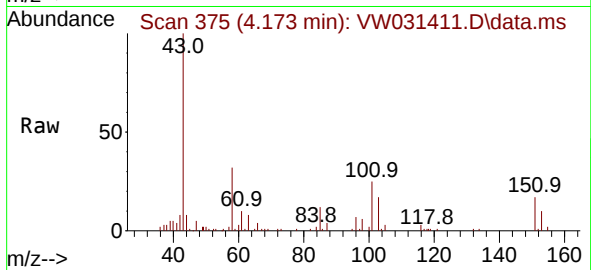




#13
Acetone
Concen: 27.677 ug/L
RT: 4.173 min Scan# 31
Delta R.T. 0.013 min
Lab File: VW031411.D
Acq: 20 Dec 2024 02:56

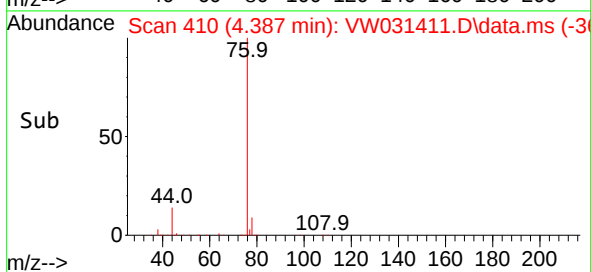
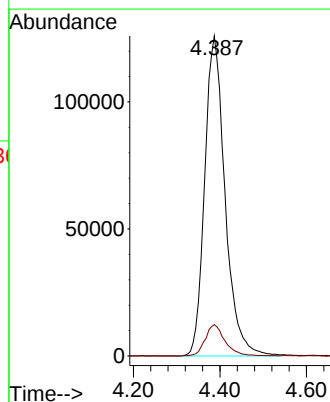
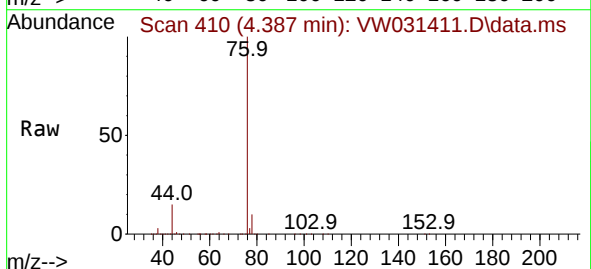
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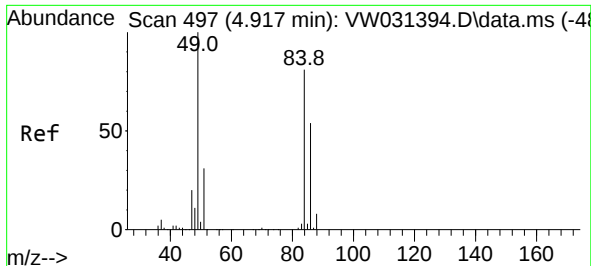
Tgt Ion: 43 Resp: 59839
Ion Ratio Lower Upper
43 100
58 21.9 0.0 0.0#



#14
Carbon disulfide
Concen: 18.813 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.006 min
Lab File: VW031411.D
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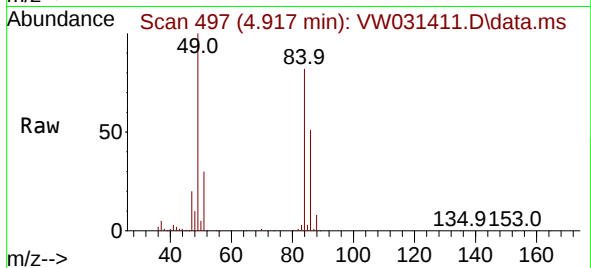
Tgt Ion: 76 Resp: 412087
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9





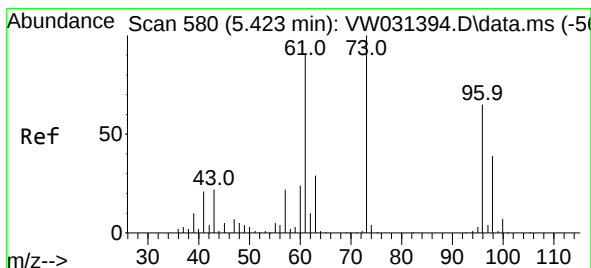
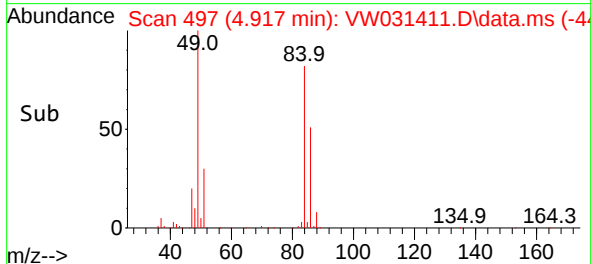
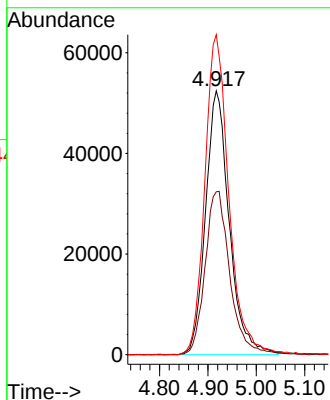
#16
Methylene chloride
Concen: 25.885 ug/L
RT: 4.917 min Scan# 49
Delta R.T. 0.000 min
Lab File: VW031411.D
Acq: 20 Dec 2024 02:56

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 84 Resp: 178437

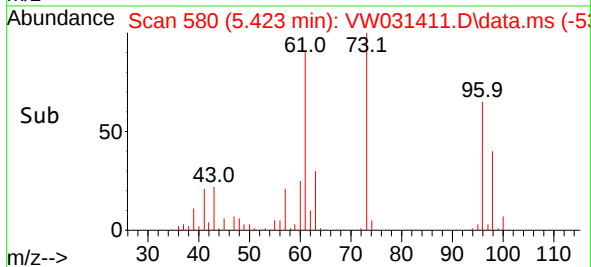
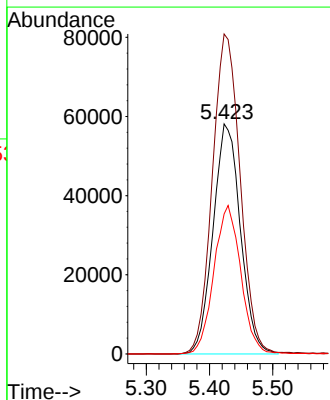
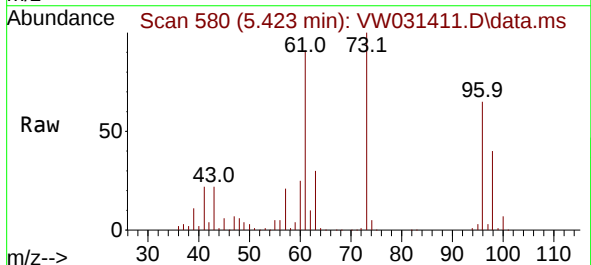
Ion	Ratio	Lower	Upper
84	100		
86	61.7	44.7	82.9
49	121.3	88.3	164.1

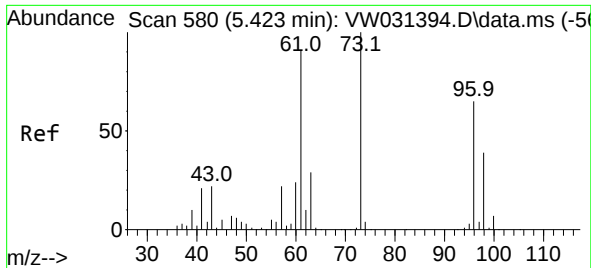


#17
trans-1,2-Dichloroethene
Concen: 24.068 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW031411.D
Acq: 20 Dec 2024 02:56

Tgt Ion: 96 Resp: 174251

Ion	Ratio	Lower	Upper
96	100		
61	139.1	100.7	187.1
98	60.9	43.8	81.3

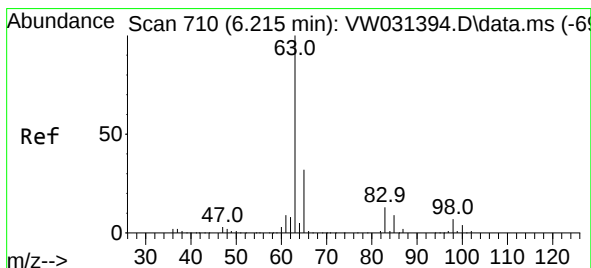
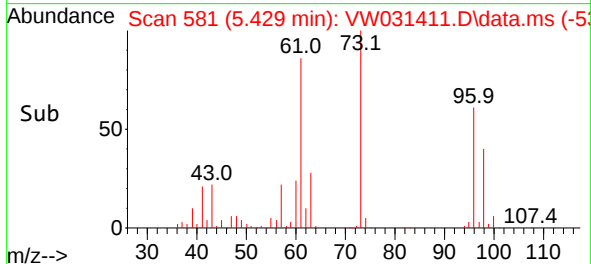
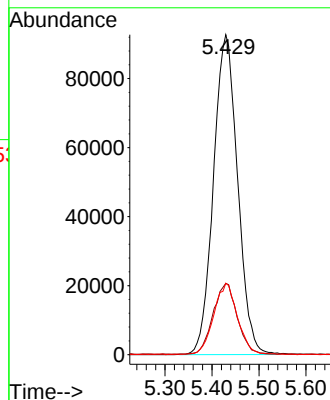
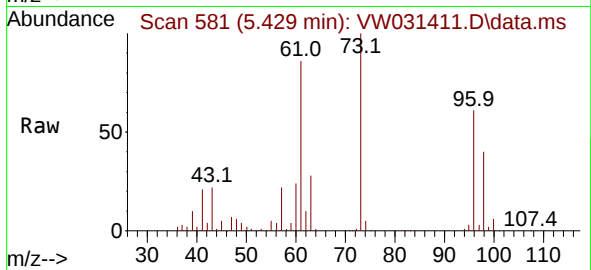




#18
Methyl tert-butyl Ether
Concen: 27.342 ug/L
RT: 5.429 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031411.D
Acq: 20 Dec 2024 02:56

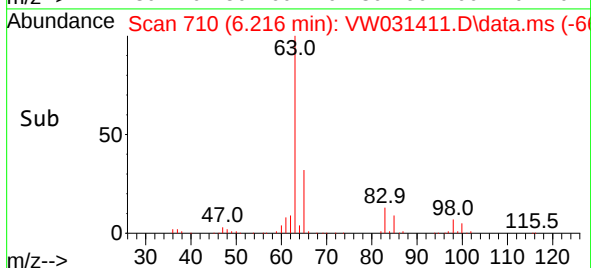
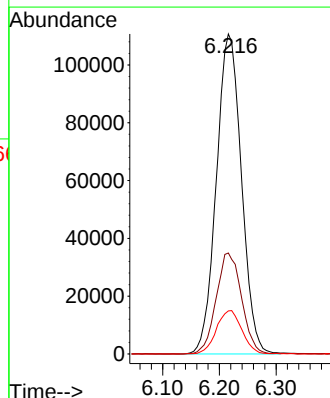
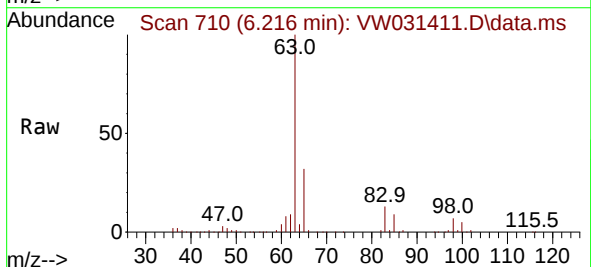
Instrument :
MSVOA_W
ClientSampleId :

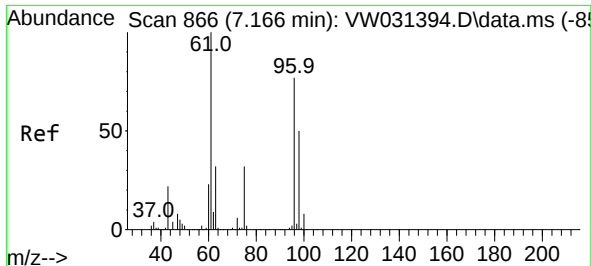
Tgt Ion:	73	Resp:	330925
Ion	Ratio	Lower	Upper
73	100		
43	22.1	17.9	26.9
57	22.0	17.9	26.9



#19
1,1-Dichloroethane
Concen: 25.122 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW031411.D
Acq: 20 Dec 2024 02:56

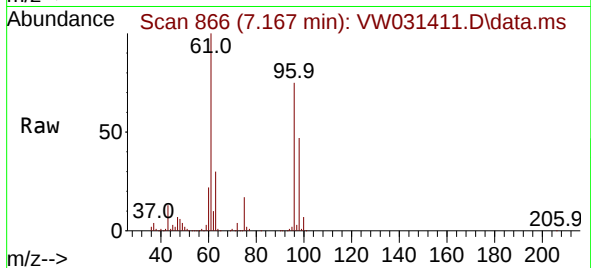
Tgt Ion:	63	Resp:	339872
Ion	Ratio	Lower	Upper
63	100		
65	31.6	21.9	40.7
83	13.4	9.3	17.3





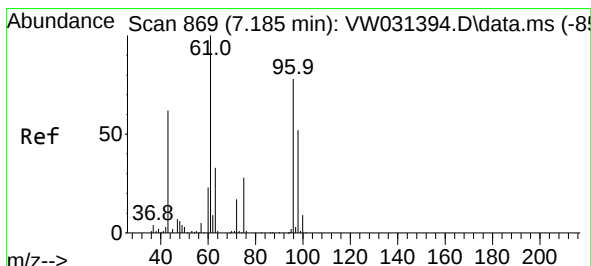
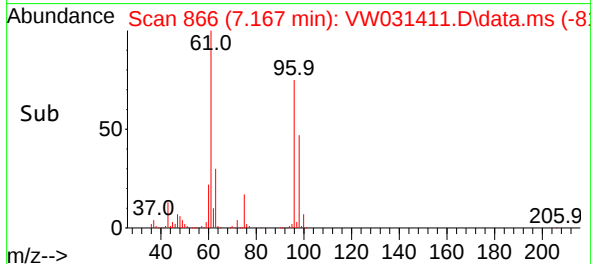
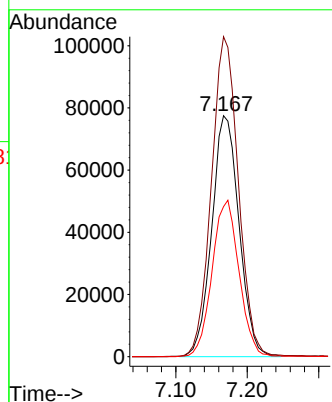
#20
 cis-1,2-Dichloroethene
 Concen: 26.229 ug/L
 RT: 7.167 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW031411.D
 Acq: 20 Dec 2024 02:56

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 96 Resp: 205456

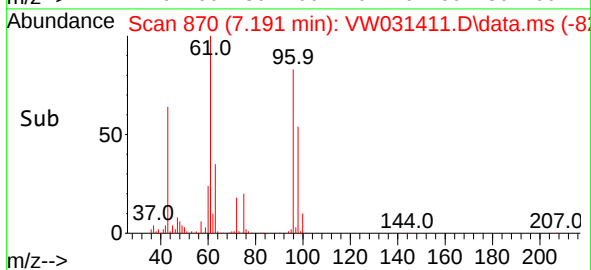
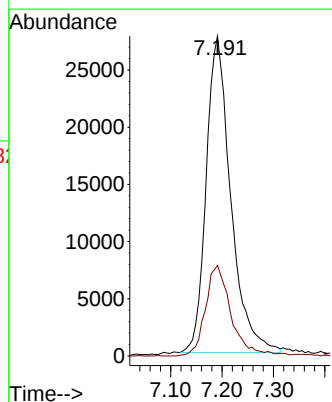
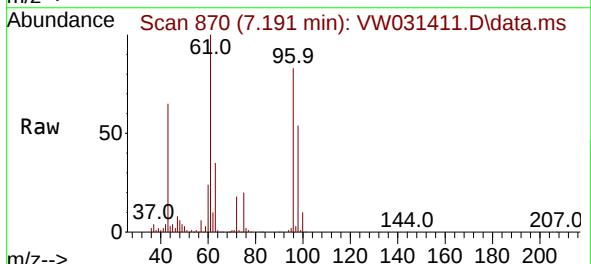
Ion	Ratio	Lower	Upper
96	100		
61	132.8	92.2	171.2
98	62.3	43.7	81.1

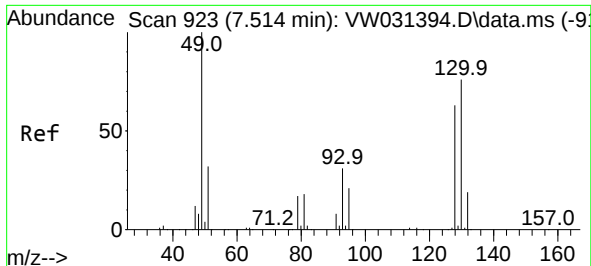


#22
 2-Butanone
 Concen: 35.120 ug/L
 RT: 7.191 min Scan# 870
 Delta R.T. 0.006 min
 Lab File: VW031411.D
 Acq: 20 Dec 2024 02:56

Tgt Ion: 43 Resp: 92002

Ion	Ratio	Lower	Upper
43	100		
72	29.1	13.3	39.8

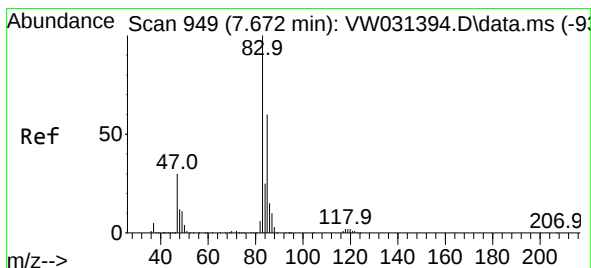
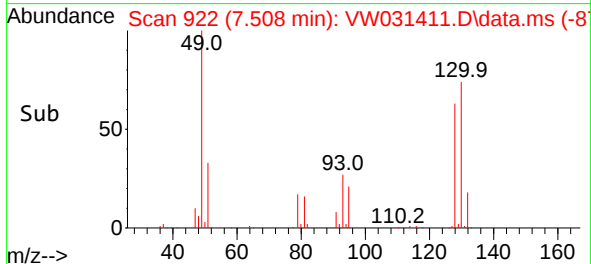
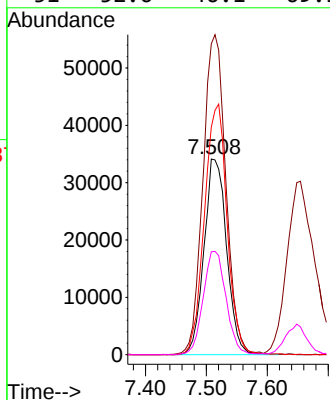
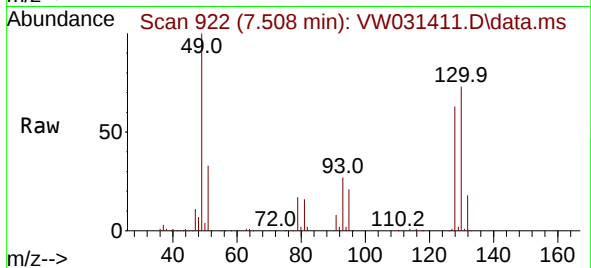




#23
Bromochloromethane
Concen: 28.198 ug/L
RT: 7.508 min Scan# 912
Delta R.T. -0.006 min
Lab File: VW031411.D
Acq: 20 Dec 2024 02:56

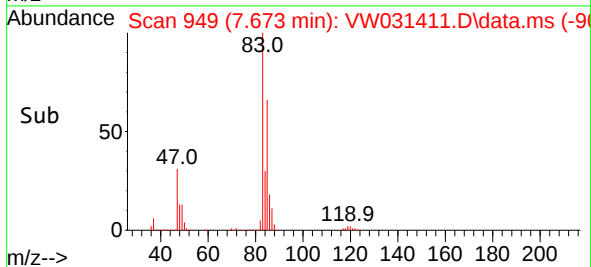
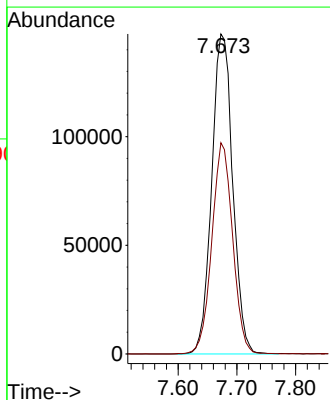
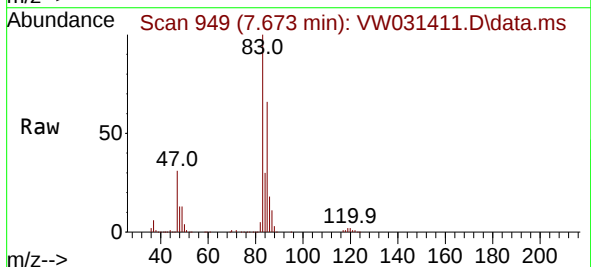
Instrument :
MSVOA_W
ClientSampleId :

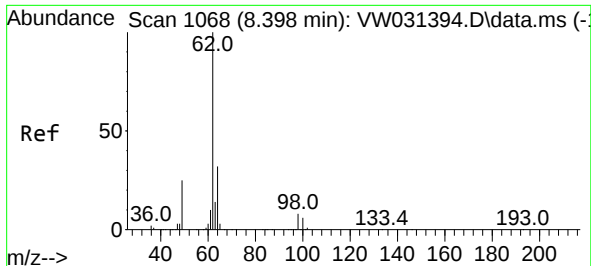
Tgt Ion:	128	Resp:	88092
Ion	Ratio	Lower	Upper
128	100		
49	159.0	123.7	229.7
130	116.4	90.3	167.7
51	52.6	46.1	69.1



#25
Chloroform
Concen: 27.354 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031411.D
Acq: 20 Dec 2024 02:56

Tgt Ion:	83	Resp:	365236
Ion	Ratio	Lower	Upper
83	100		
85	66.0	46.1	85.5





#27

1,2-Dichloroethane

Concen: 28.592 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031411.D

Acq: 20 Dec 2024 02:56

Instrument :

MSVOA_W

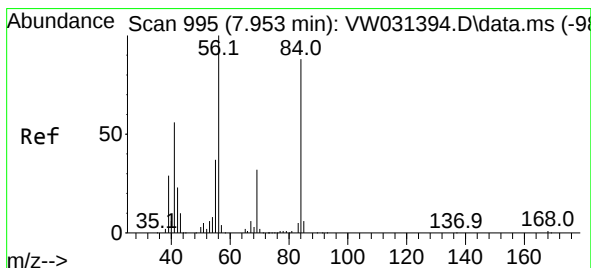
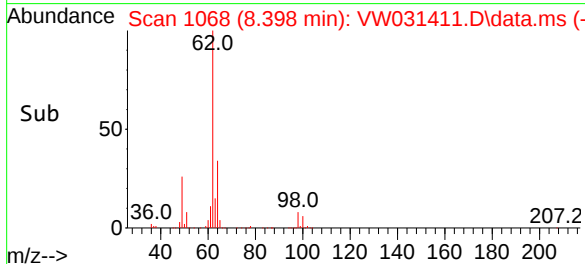
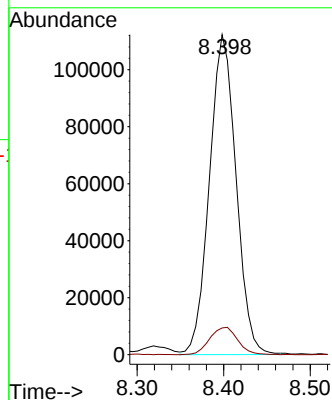
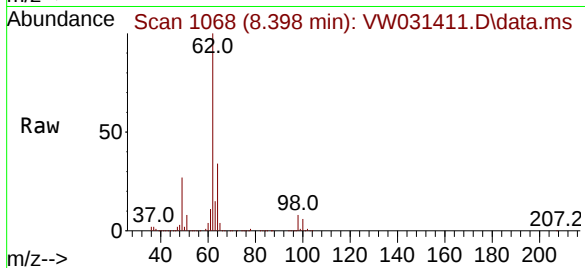
ClientSampleId :

Tgt Ion: 62 Resp: 240007

Ion Ratio Lower Upper

62 100

98 8.4 7.2 10.8



#29

Cyclohexane

Concen: 18.859 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW031411.D

Acq: 20 Dec 2024 02:56

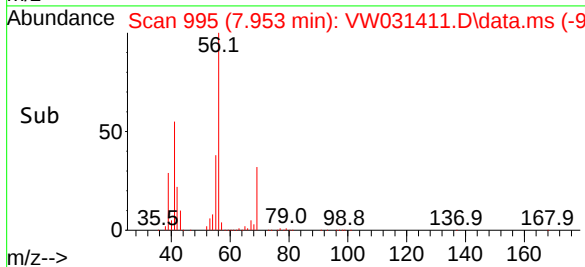
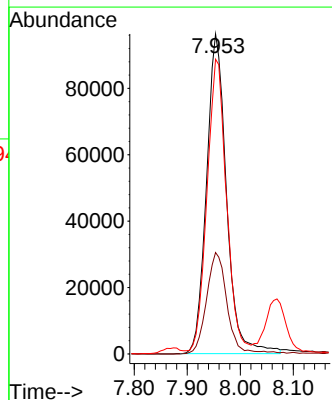
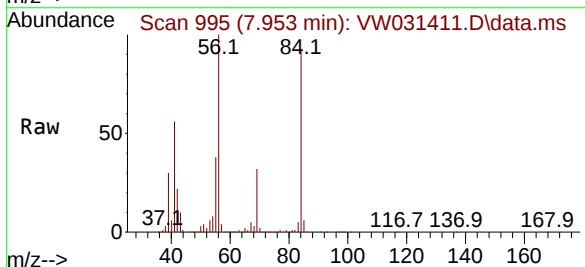
Tgt Ion: 56 Resp: 251751

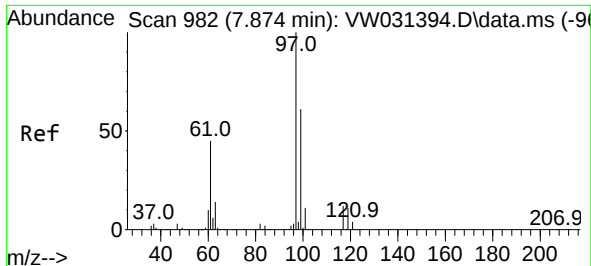
Ion Ratio Lower Upper

56 100

69 31.5 25.0 37.4

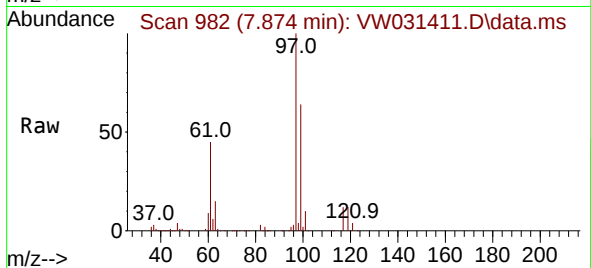
84 89.2 68.9 103.3





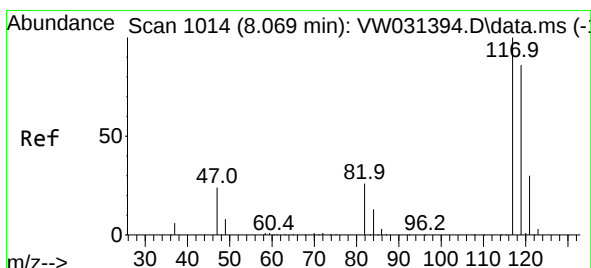
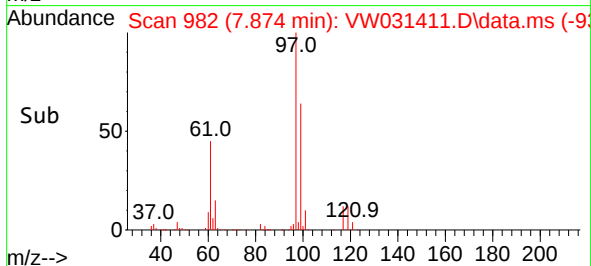
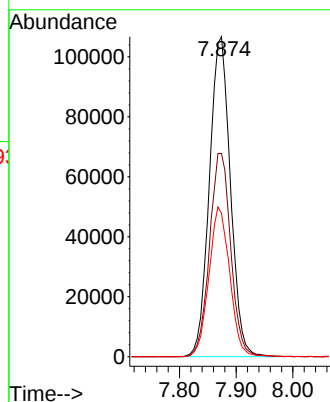
#30
1,1,1-Trichloroethane
Concen: 21.572 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW031411.D
Acq: 20 Dec 2024 02:56

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 97 Resp: 274462

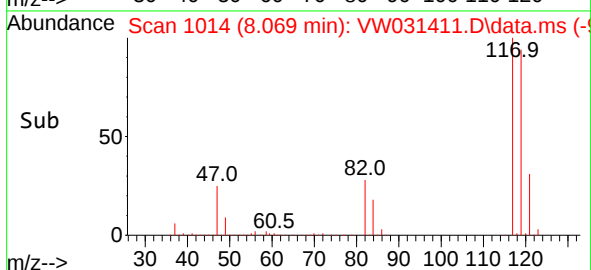
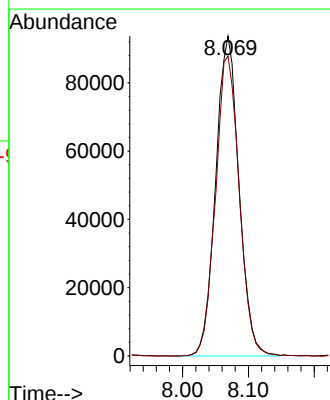
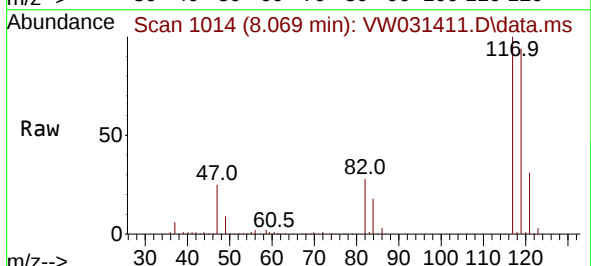
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.1	76.7
61	46.2	36.3	54.5

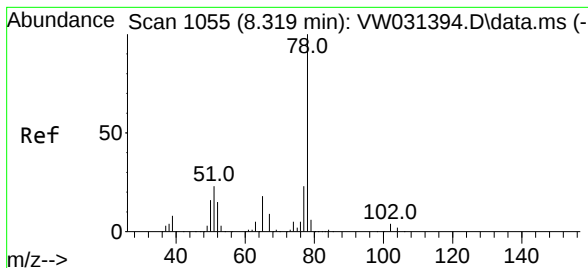


#31
Carbon tetrachloride
Concen: 20.366 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031411.D
Acq: 20 Dec 2024 02:56

Tgt Ion: 117 Resp: 230853

Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.0	114.0





#33

Benzene

Concen: 24.638 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW031411.D

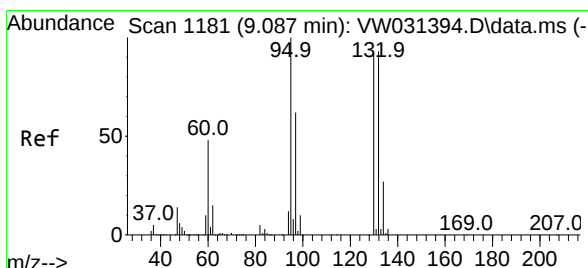
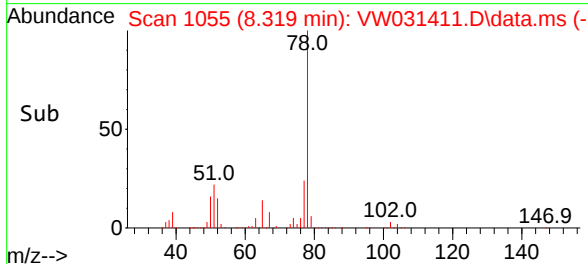
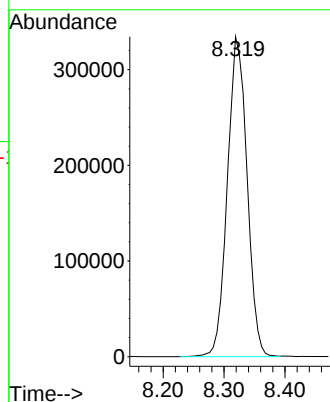
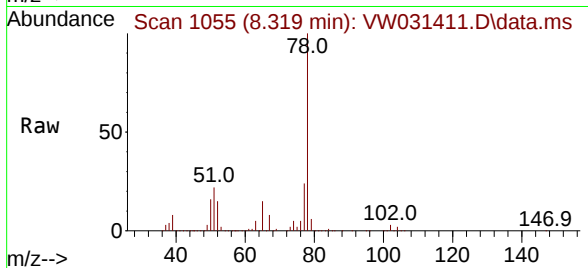
Acq: 20 Dec 2024 02:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 749472



#34

Trichloroethene

Concen: 23.970 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031411.D

Acq: 20 Dec 2024 02:56

Tgt Ion: 95 Resp: 205860

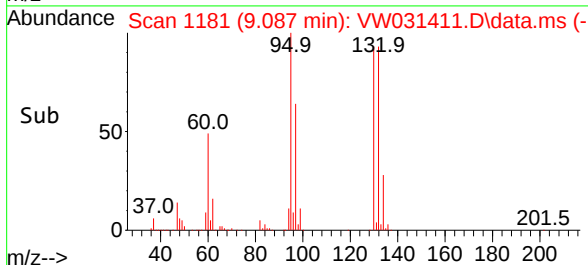
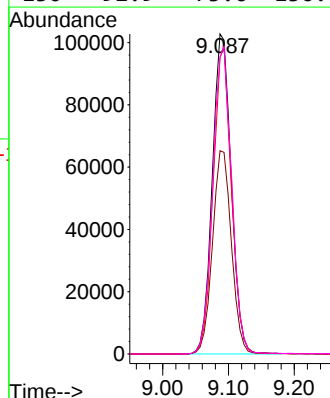
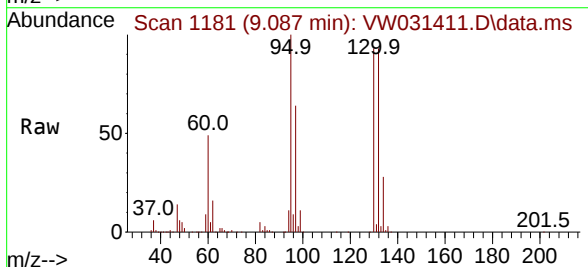
Ion Ratio Lower Upper

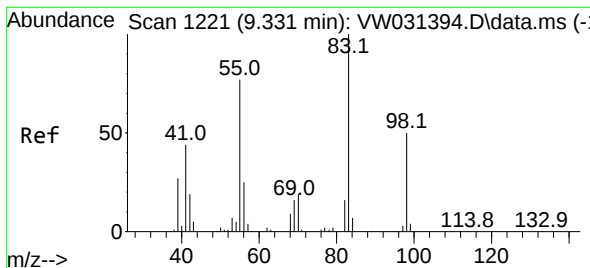
95 100

97 63.5 46.5 86.3

132 92.6 70.3 130.5

130 92.9 73.6 136.8





#35

Methylcyclohexane

Concen: 20.095 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031411.D

Acq: 20 Dec 2024 02:56

Instrument :

MSVOA_W

ClientSampleId :

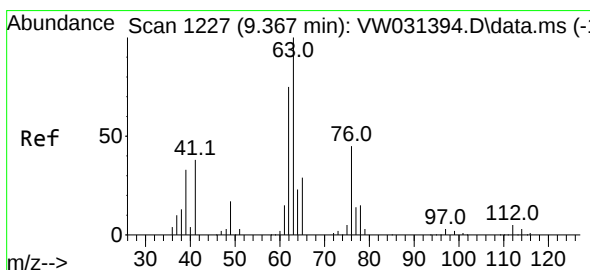
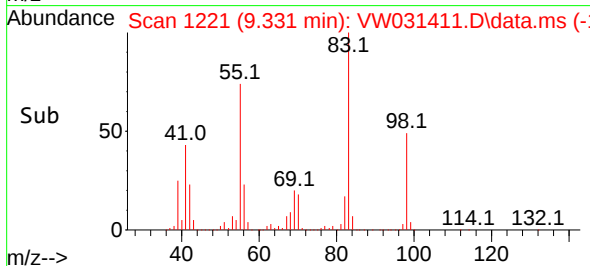
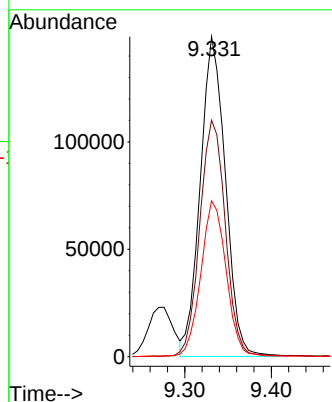
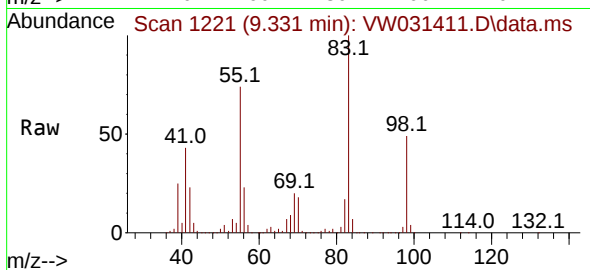
Tgt Ion: 83 Resp: 300547

Ion Ratio Lower Upper

83 100

55 74.9 62.6 93.8

98 48.5 39.8 59.6



#37

1,2-Dichloropropane

Concen: 25.415 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW031411.D

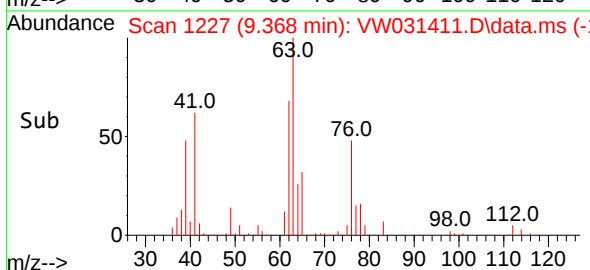
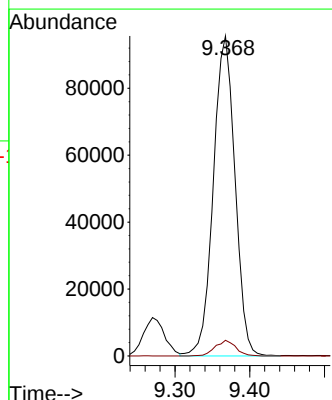
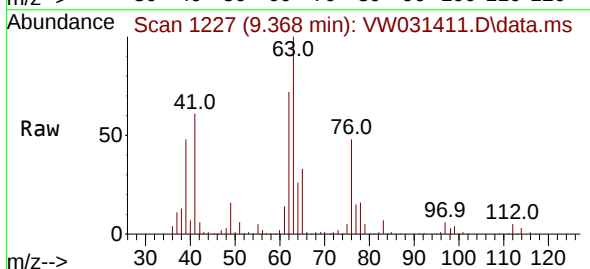
Acq: 20 Dec 2024 02:56

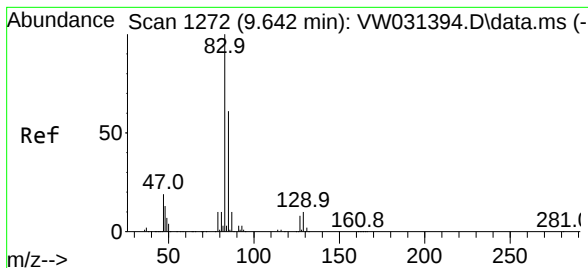
Tgt Ion: 63 Resp: 192864

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8





#38

Bromodichloromethane

Concen: 24.942 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031411.D

Acq: 20 Dec 2024 02:56

Instrument :

MSVOA_W

ClientSampleId :

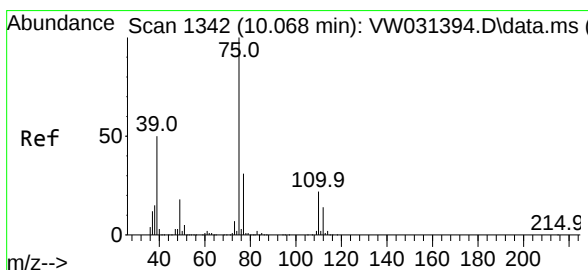
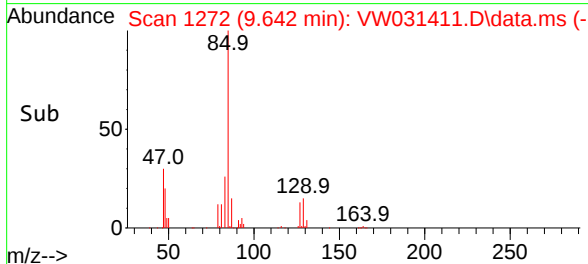
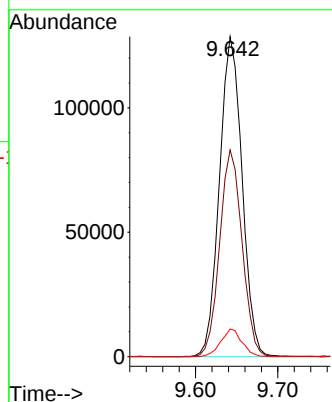
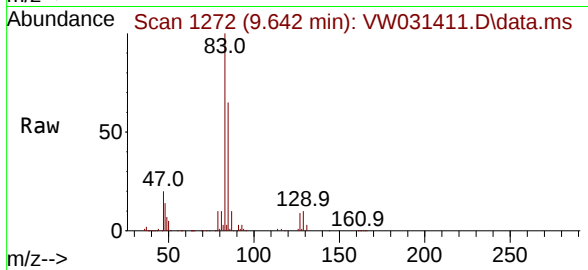
Tgt Ion: 83 Resp: 246066

Ion Ratio Lower Upper

83 100

85 64.6 46.5 86.5

127 8.6 6.2 9.4



#39

cis-1,3-Dichloropropene

Concen: 22.637 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW031411.D

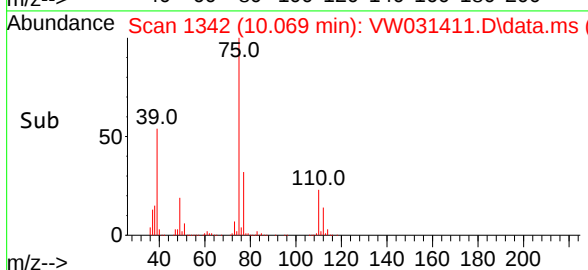
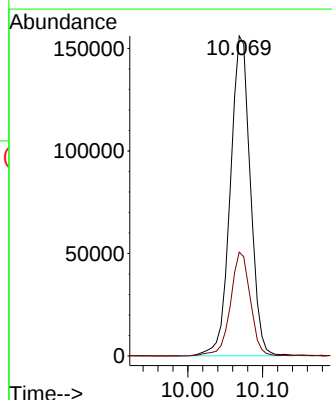
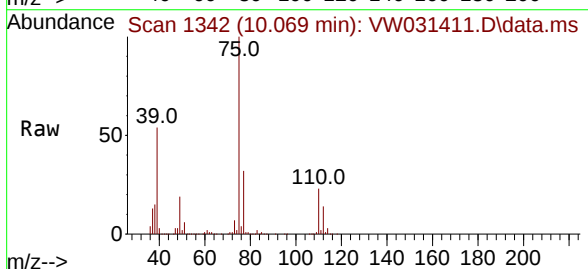
Acq: 20 Dec 2024 02:56

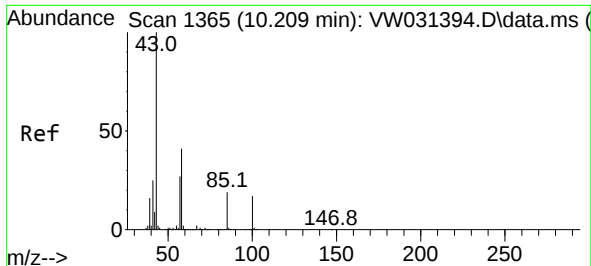
Tgt Ion: 75 Resp: 290291

Ion Ratio Lower Upper

75 100

77 32.4 21.8 40.4





#40

4-Methyl-2-pentanone

Concen: 54.037 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW031411.D

Acq: 20 Dec 2024 02:56

Instrument :

MSVOA_W

ClientSampleId :

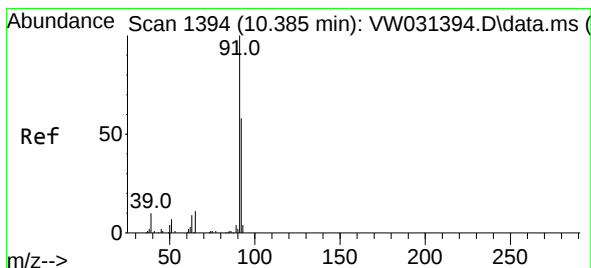
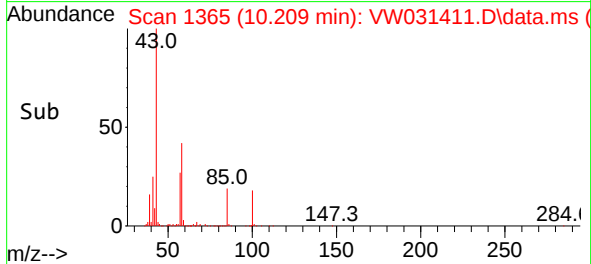
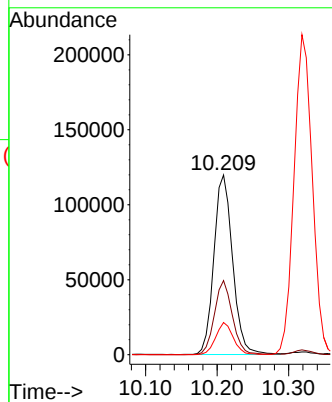
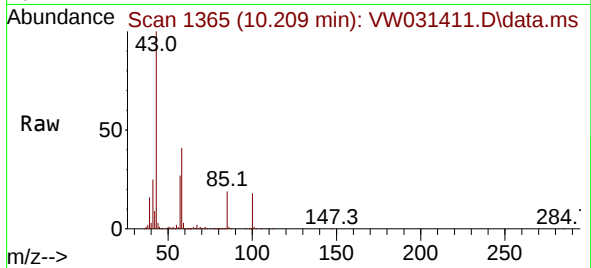
Tgt Ion: 43 Resp: 217561

Ion Ratio Lower Upper

43 100

58 39.6 31.1 46.7

100 16.9 13.0 19.6



#42

Toluene

Concen: 24.707 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031411.D

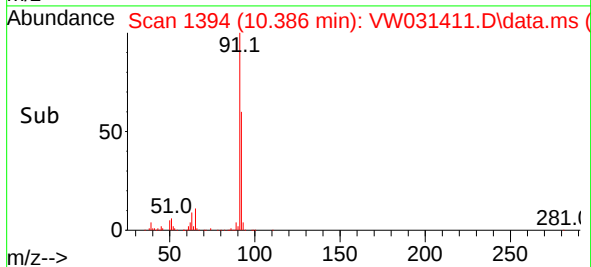
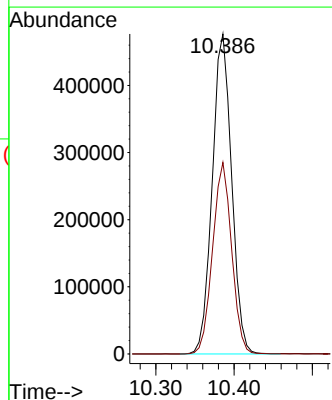
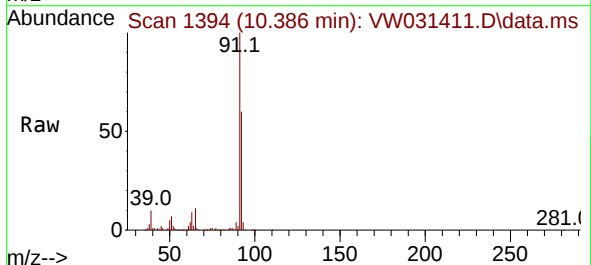
Acq: 20 Dec 2024 02:56

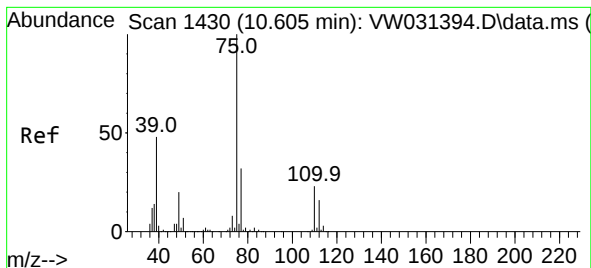
Tgt Ion: 91 Resp: 818269

Ion Ratio Lower Upper

91 100

92 59.8 40.3 74.9





#44

trans-1,3-Dichloropropene

Concen: 23.393 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031411.D

Acq: 20 Dec 2024 02:56

Instrument :

MSVOA_W

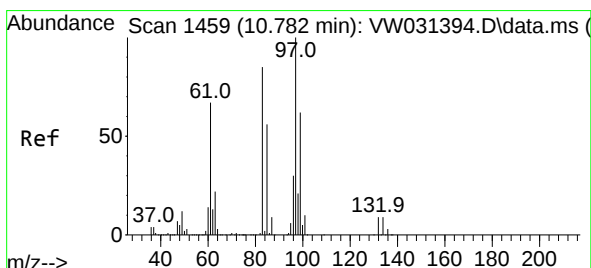
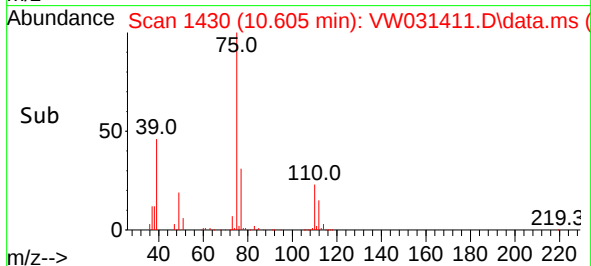
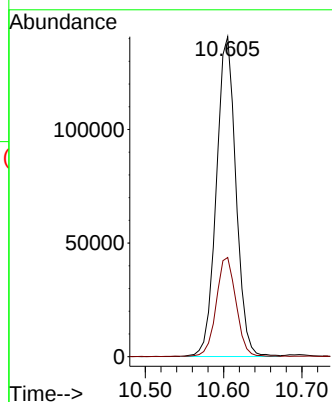
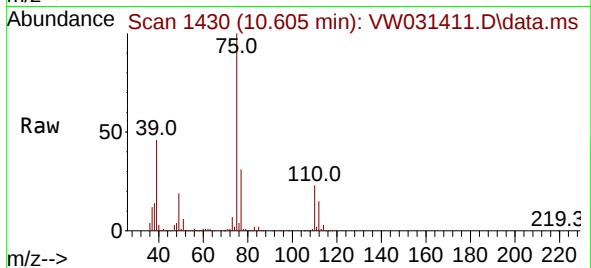
ClientSampleId :

Tgt Ion: 75 Resp: 244940

Ion Ratio Lower Upper

75 100

77 31.0 21.2 39.4



#45

1,1,2-Trichloroethane

Concen: 29.003 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031411.D

Acq: 20 Dec 2024 02:56

Tgt Ion: 97 Resp: 146395

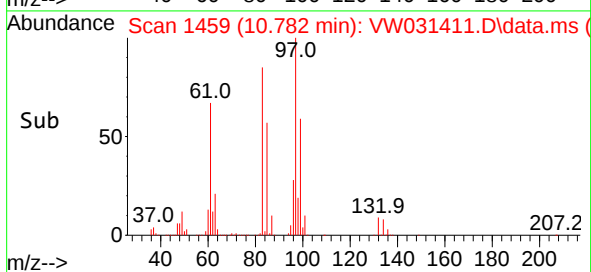
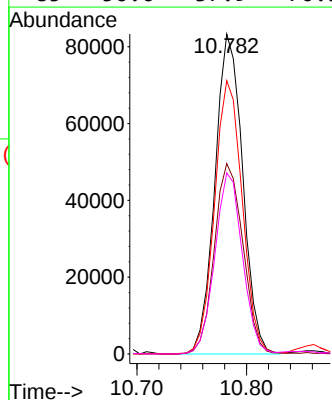
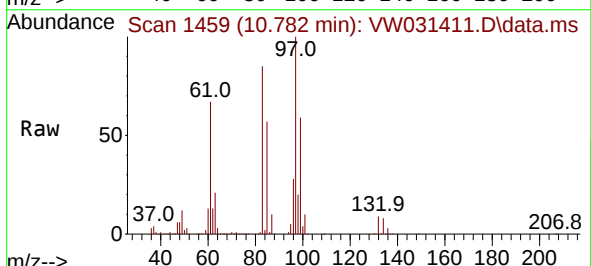
Ion Ratio Lower Upper

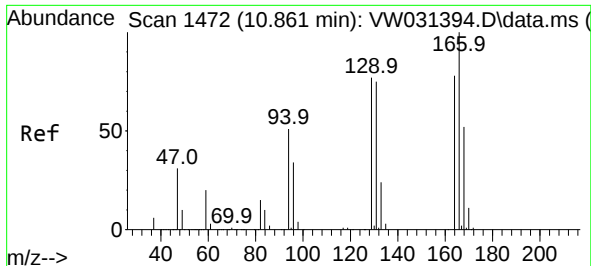
97 100

99 59.5 43.0 80.0

83 85.4 56.4 104.7

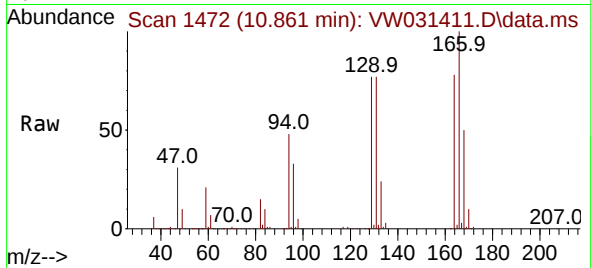
85 56.6 37.9 70.3



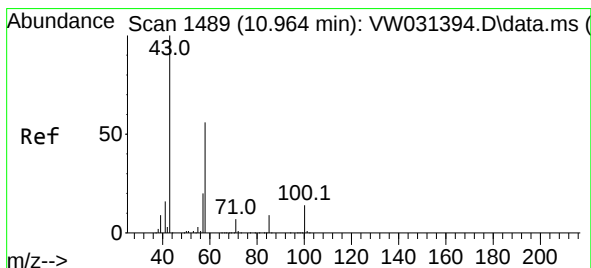
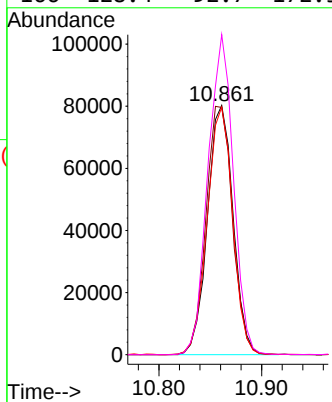
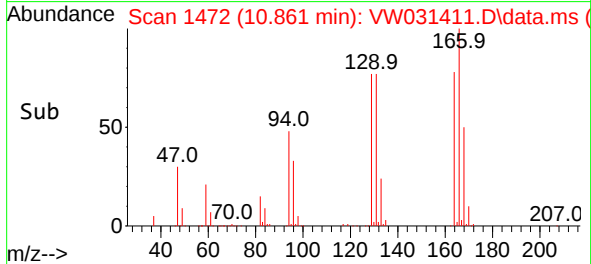


#46
Tetrachloroethene
Concen: 22.127 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW031411.D
Acq: 20 Dec 2024 02:56

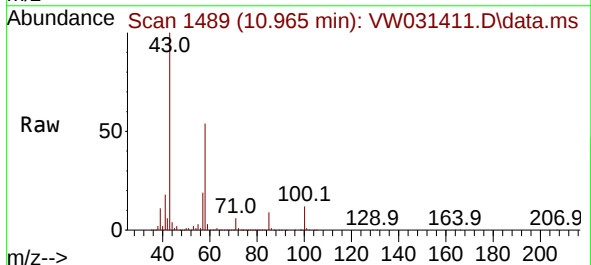
Instrument :
MSVOA_W
ClientSampleId :



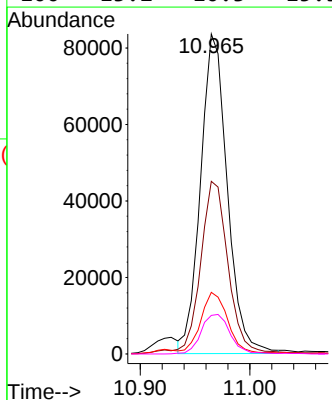
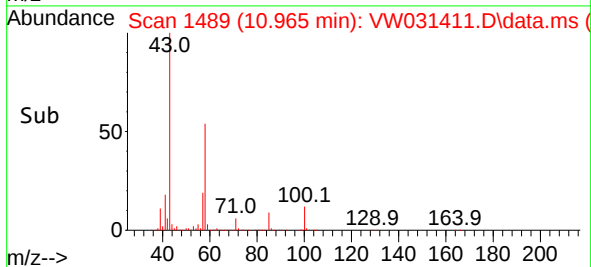
Tgt Ion:164 Resp: 139196
Ion Ratio Lower Upper
164 100
129 99.2 73.5 136.5
131 99.4 66.6 123.8
166 128.4 92.7 172.3

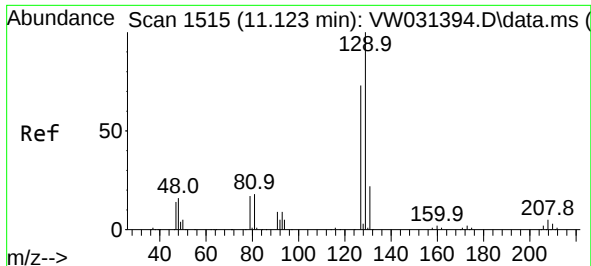


#48
2-Hexanone
Concen: 41.451 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031411.D
Acq: 20 Dec 2024 02:56



Tgt Ion: 43 Resp: 141937
Ion Ratio Lower Upper
43 100
58 54.3 43.0 64.6
57 19.4 15.7 23.5
100 13.2 10.3 15.5





#49

Dibromochloromethane

Concen: 25.383 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW031411.D

Acq: 20 Dec 2024 02:56

Instrument :

MSVOA_W

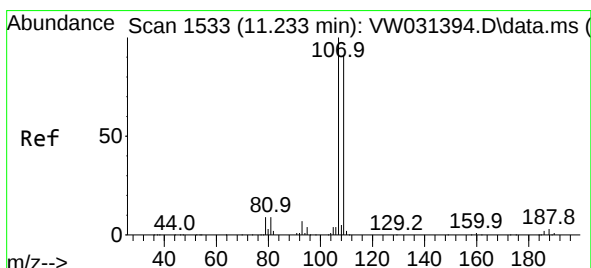
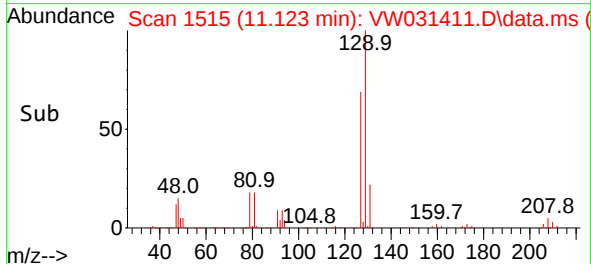
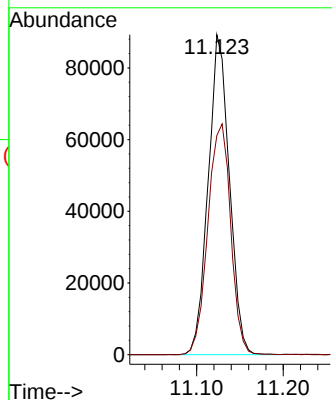
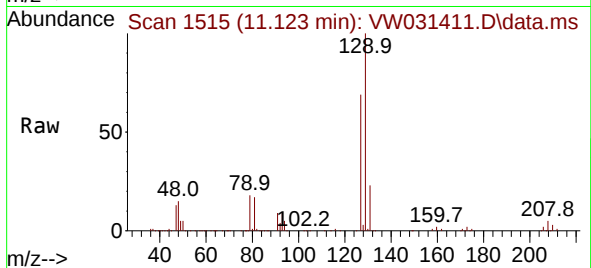
ClientSampleId :

Tgt Ion:129 Resp: 151870

Ion Ratio Lower Upper

129 100

127 68.5 57.6 107.0



#50

1,2-Dibromoethane

Concen: 28.678 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031411.D

Acq: 20 Dec 2024 02:56

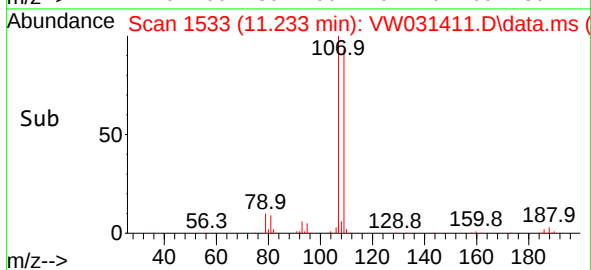
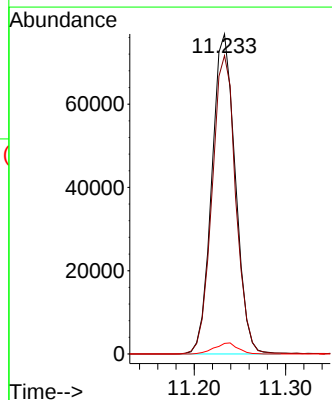
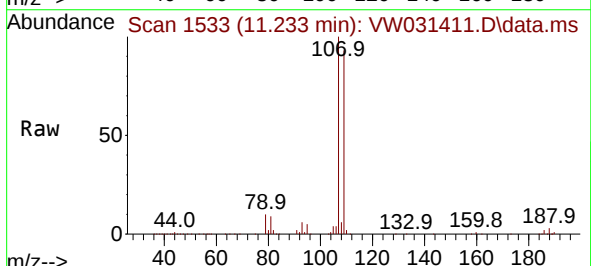
Tgt Ion:107 Resp: 137127

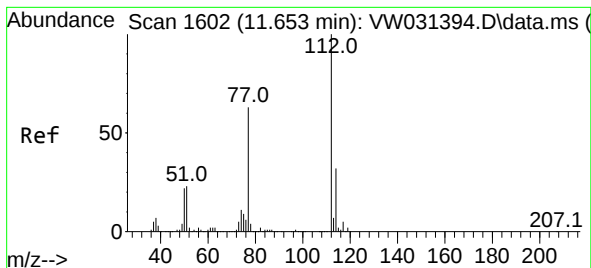
Ion Ratio Lower Upper

107 100

109 93.2 63.2 117.4

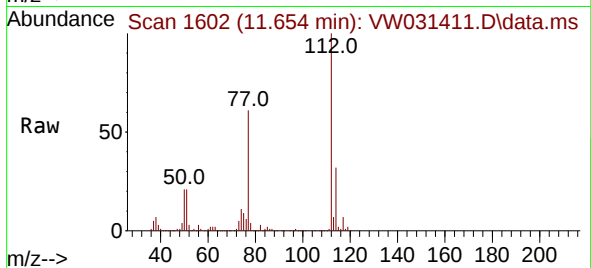
188 3.4 2.6 4.0



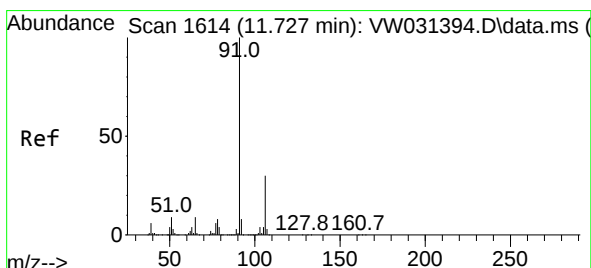
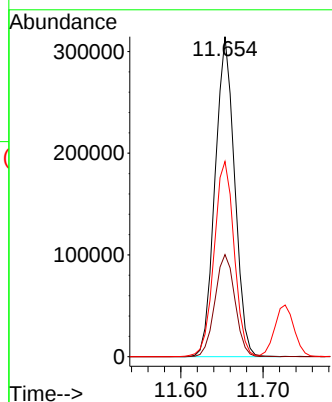
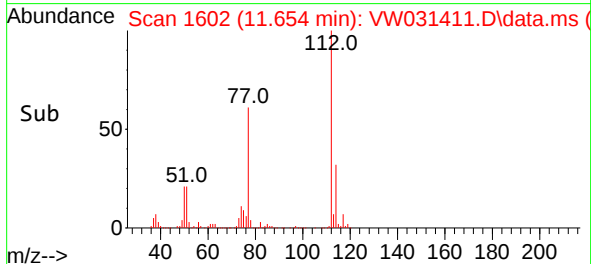


#51
Chlorobenzene
Concen: 25.031 ug/L
RT: 11.654 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031411.D
Acq: 20 Dec 2024 02:56

Instrument :
MSVOA_W
ClientSampleId :

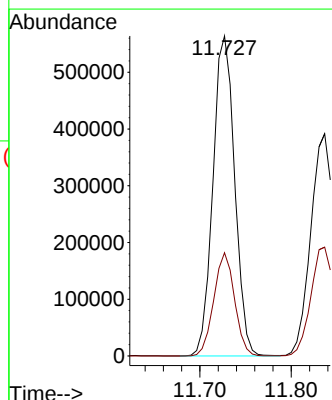
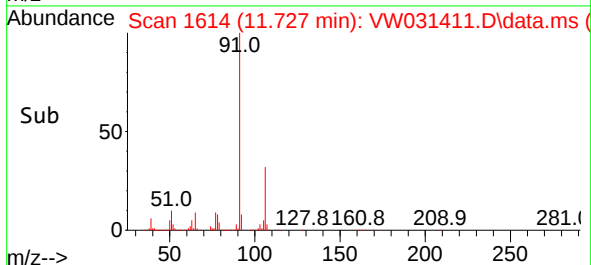
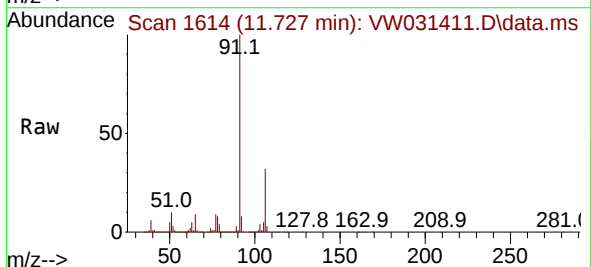


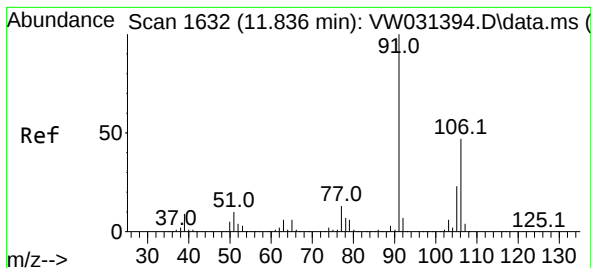
Tgt Ion:112 Resp: 519782
Ion Ratio Lower Upper
112 100
114 31.9 22.7 42.3
77 61.0 50.2 75.4



#52
Ethylbenzene
Concen: 24.243 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031411.D
Acq: 20 Dec 2024 02:56

Tgt Ion: 91 Resp: 930551
Ion Ratio Lower Upper
91 100
106 32.3 20.7 38.5





#53

m,p-Xylene

Concen: 24.215 ug/L

RT: 11.837 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031411.D

Acq: 20 Dec 2024 02:56

Instrument :

MSVOA_W

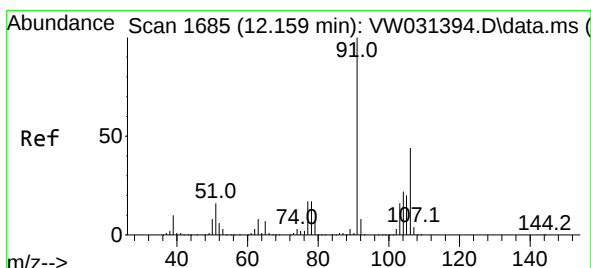
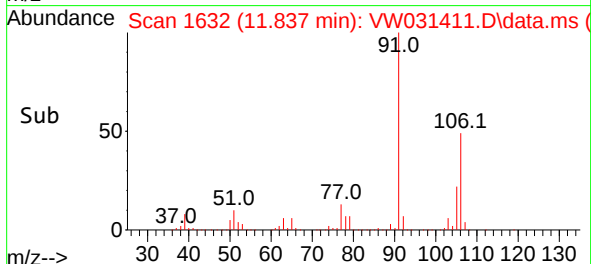
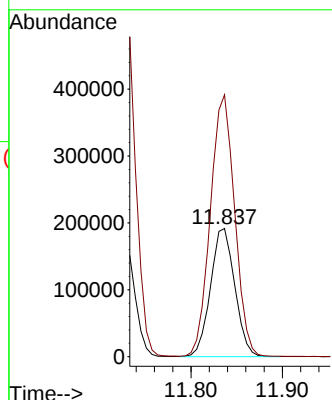
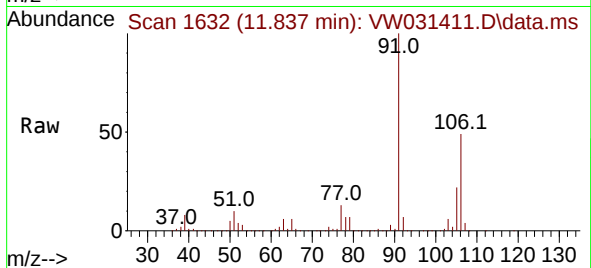
ClientSampleId :

Tgt Ion:106 Resp: 353846

Ion Ratio Lower Upper

106 100

91 204.4 139.9 259.7



#54

o-Xylene

Concen: 24.999 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW031411.D

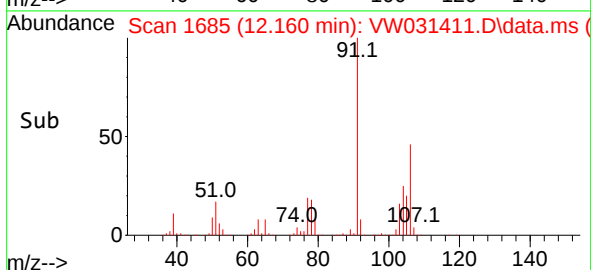
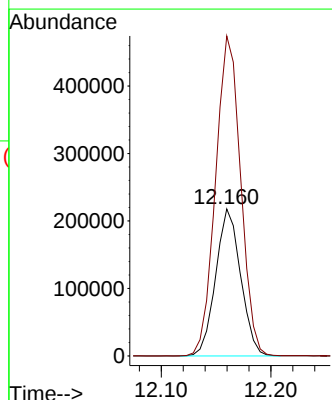
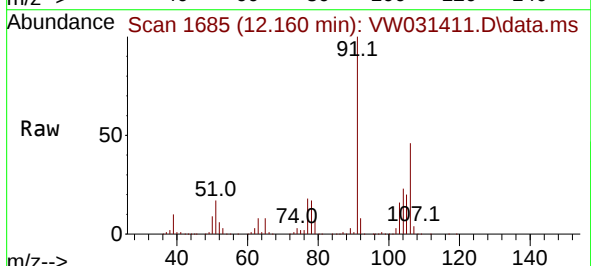
Acq: 20 Dec 2024 02:56

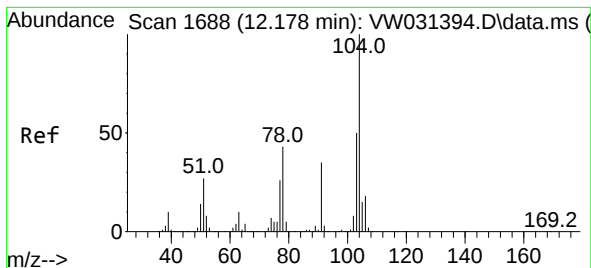
Tgt Ion:106 Resp: 344270

Ion Ratio Lower Upper

106 100

91 217.7 153.1 284.3





#55

Styrene

Concen: 26.599 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031411.D

Acq: 20 Dec 2024 02:56

Instrument :

MSVOA_W

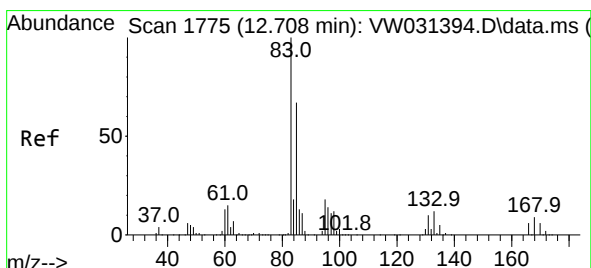
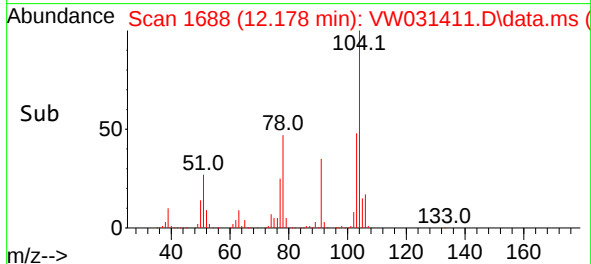
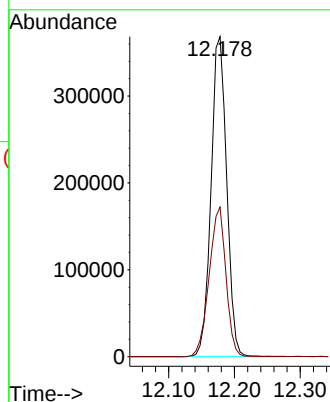
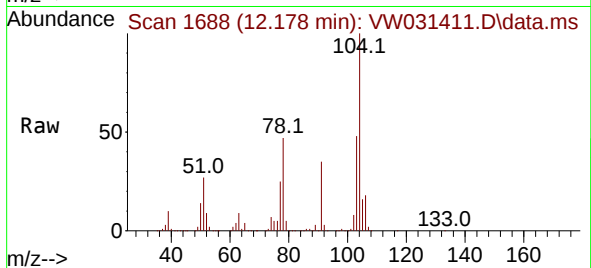
ClientSampleId :

Tgt Ion:104 Resp: 609326

Ion Ratio Lower Upper

104 100

78 46.8 31.4 58.4



#57

1,1,2,2-Tetrachloroethane

Concen: 30.044 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW031411.D

Acq: 20 Dec 2024 02:56

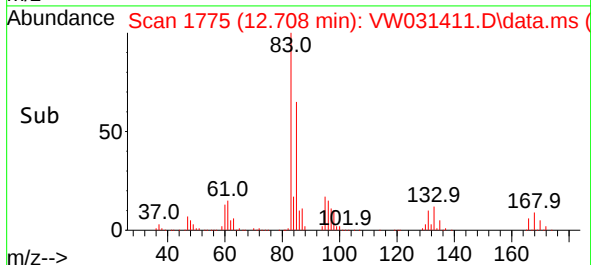
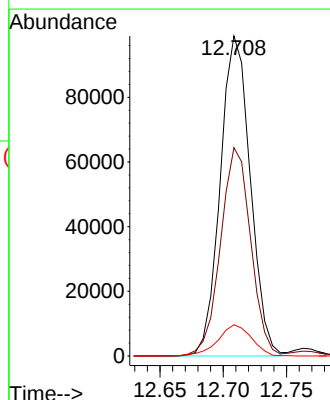
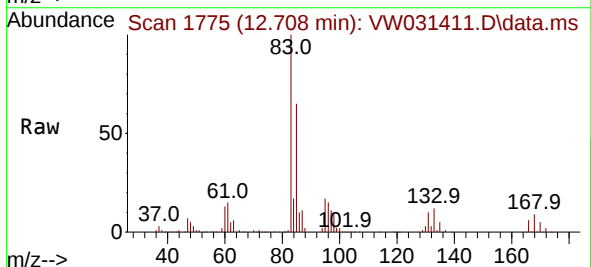
Tgt Ion: 83 Resp: 163476

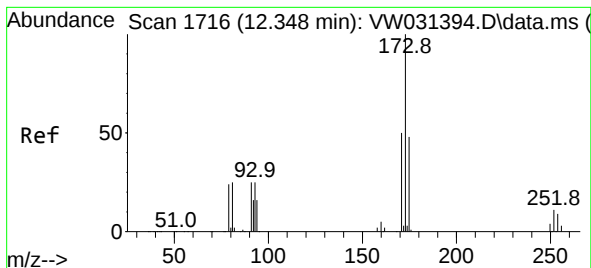
Ion Ratio Lower Upper

83 100

85 65.1 44.1 81.9

131 9.8 7.9 11.9





#59

Bromoform

Concen: 23.954 ug/L

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031411.D

Acq: 20 Dec 2024 02:56

Instrument :

MSVOA_W

ClientSampleId :

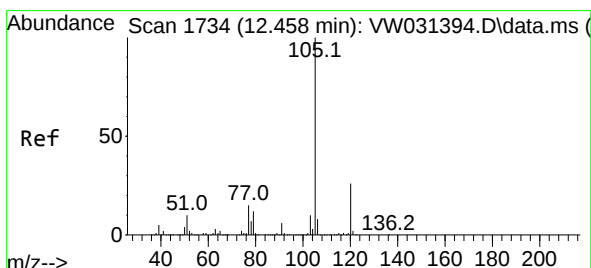
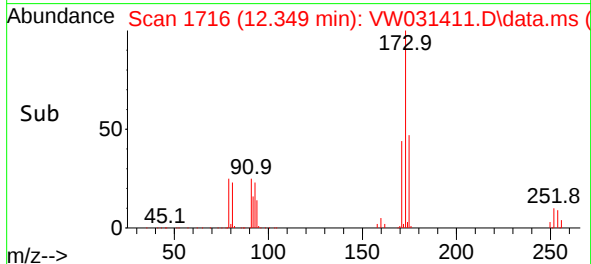
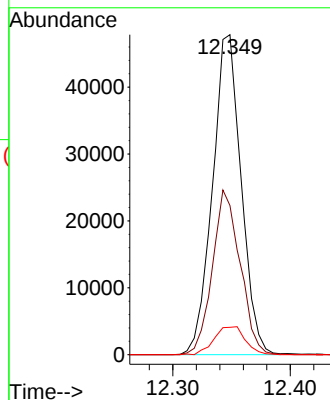
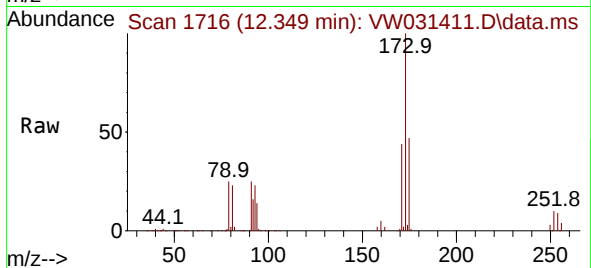
Tgt Ion:173 Resp: 81138

Ion Ratio Lower Upper

173 100

175 49.6 38.6 57.8

254 9.5 7.6 11.4



#60

Isopropylbenzene

Concen: 23.526 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW031411.D

Acq: 20 Dec 2024 02:56

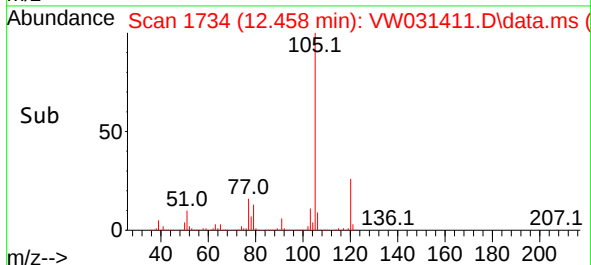
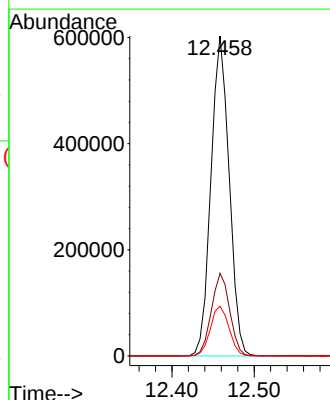
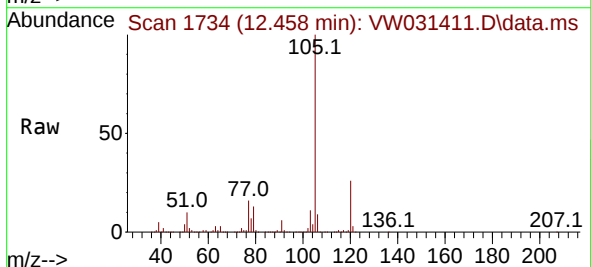
Tgt Ion:105 Resp: 928269

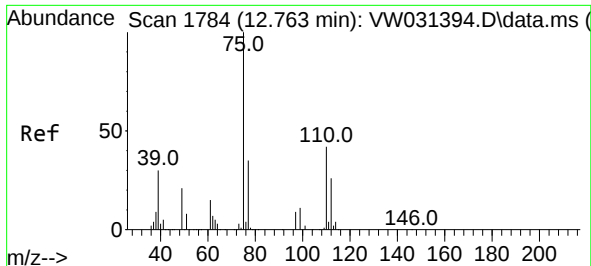
Ion Ratio Lower Upper

105 100

120 25.9 20.6 31.0

77 15.9 12.8 19.2

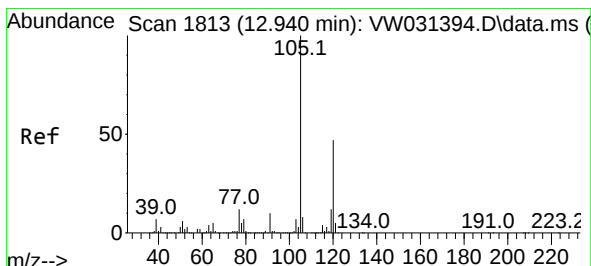
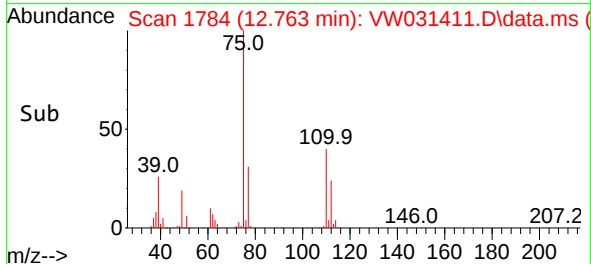
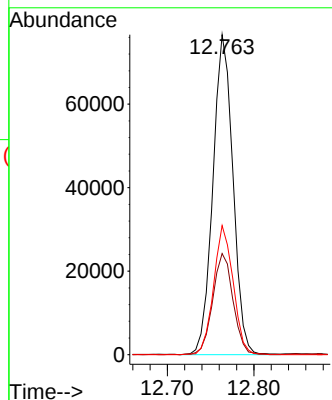
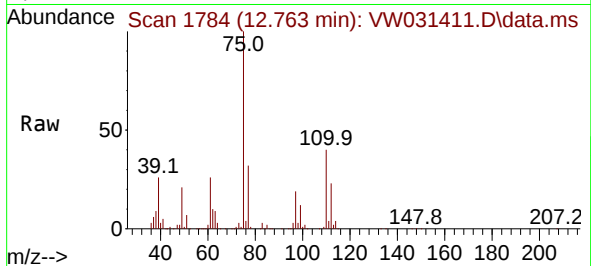




#61
1,2,3-Trichloropropane
Concen: 29.877 ug/L
RT: 12.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031411.D
Acq: 20 Dec 2024 02:56

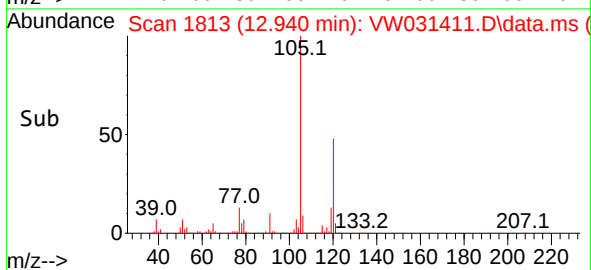
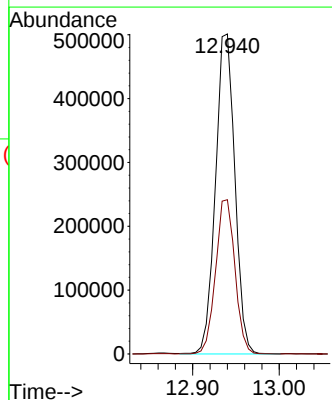
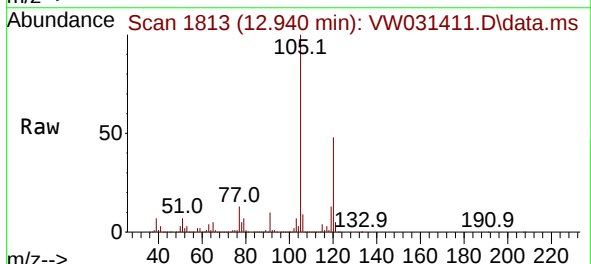
Instrument :
MSVOA_W
ClientSampleId :

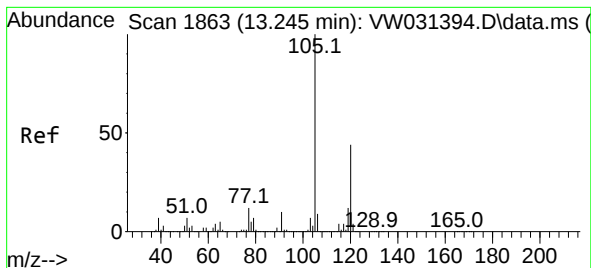
Tgt Ion: 75 Resp: 123266
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
110 38.5 31.2 46.8



#62
1,3,5-Trimethylbenzene
Concen: 23.285 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031411.D
Acq: 20 Dec 2024 02:56

Tgt Ion:105 Resp: 778914
Ion Ratio Lower Upper
105 100
120 48.1 37.3 55.9





#63

1,2,4-Trimethylbenzene

Concen: 23.496 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031411.D

Acq: 20 Dec 2024 02:56

Instrument :

MSVOA_W

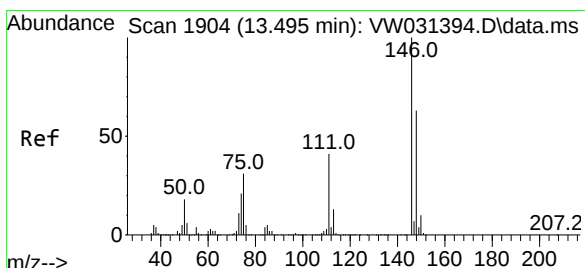
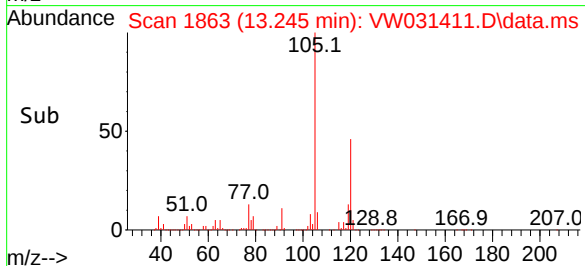
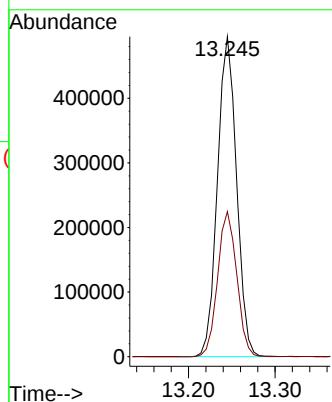
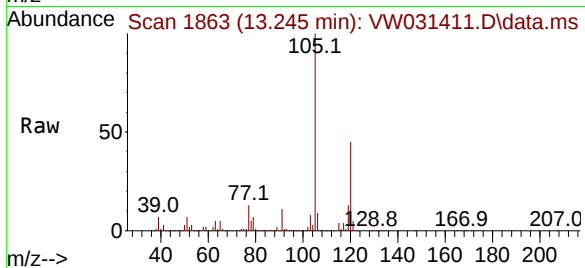
ClientSampleId :

Tgt Ion:105 Resp: 759656

Ion Ratio Lower Upper

105 100

120 45.4 35.0 52.4



#64

1,3-Dichlorobenzene

Concen: 25.447 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031411.D

Acq: 20 Dec 2024 02:56

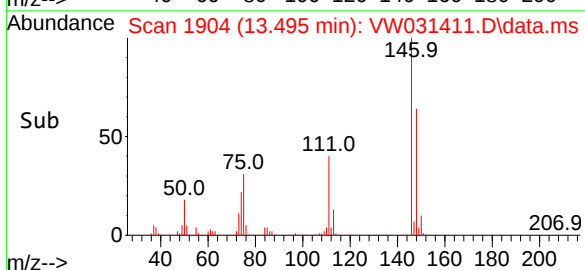
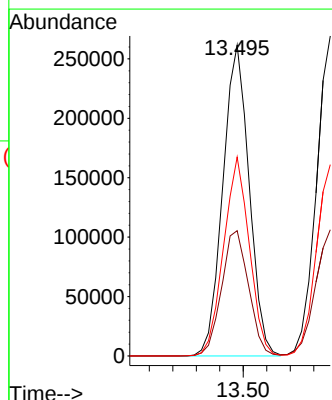
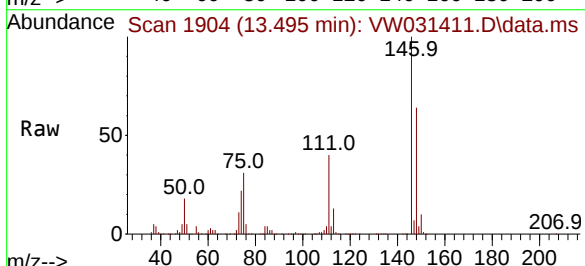
Tgt Ion:146 Resp: 406804

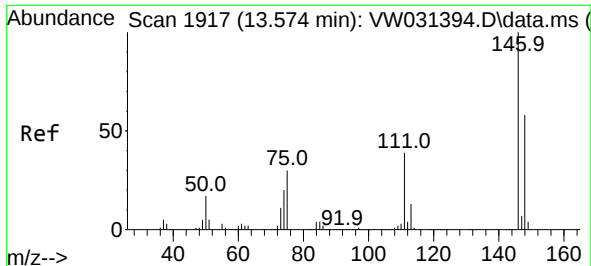
Ion Ratio Lower Upper

146 100

111 40.3 27.6 51.2

148 64.0 41.0 76.2

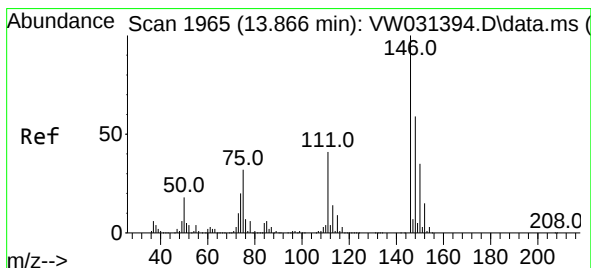
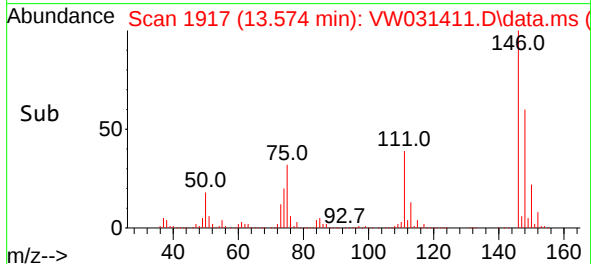
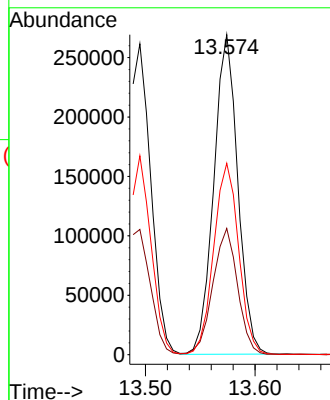
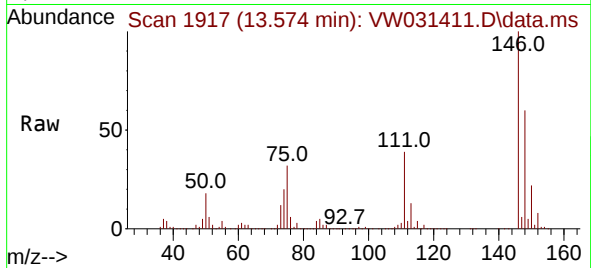




#65
1,4-Dichlorobenzene
Concen: 25.857 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031411.D
Acq: 20 Dec 2024 02:56

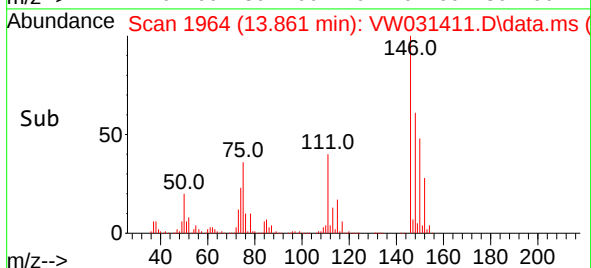
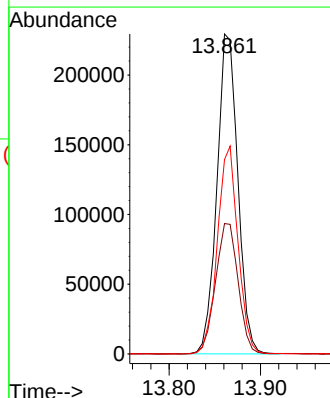
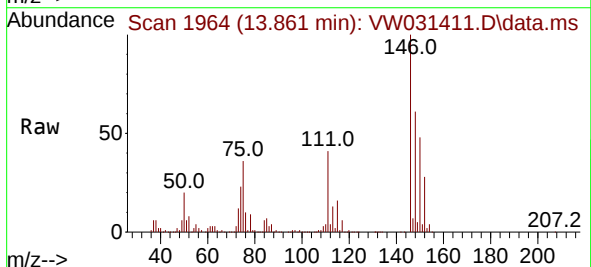
Instrument :
MSVOA_W
ClientSampleId :

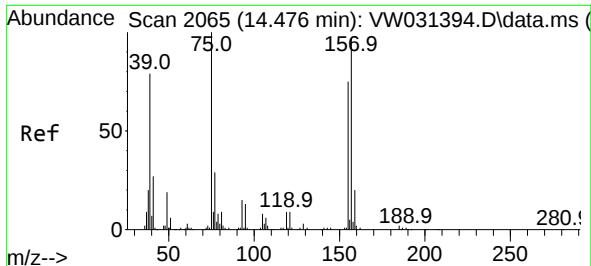
Tgt Ion:146 Resp: 409546
Ion Ratio Lower Upper
146 100
111 39.4 30.7 56.9
148 59.8 46.5 86.3



#67
1,2-Dichlorobenzene
Concen: 26.524 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. -0.006 min
Lab File: VW031411.D
Acq: 20 Dec 2024 02:56

Tgt Ion:146 Resp: 365339
Ion Ratio Lower Upper
146 100
111 40.8 38.6 58.0
148 60.8 53.6 80.4





#68

1,2-Dibromo-3-chloropropane

Concen: 25.161 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031411.D

Acq: 20 Dec 2024 02:56

Instrument :

MSVOA_W

ClientSampleId :

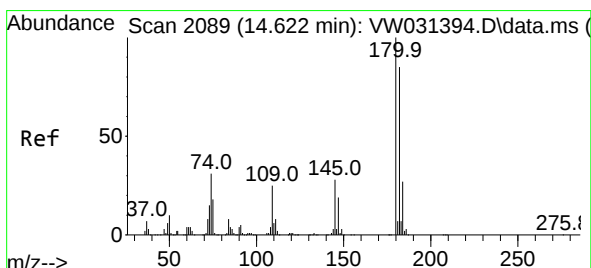
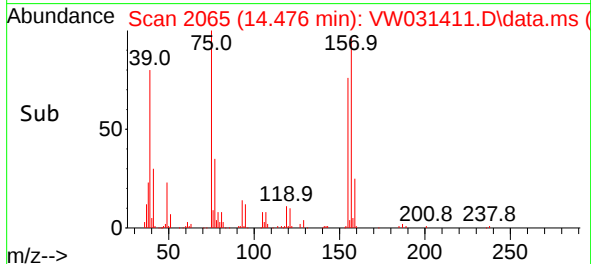
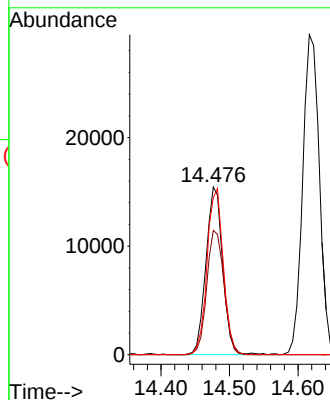
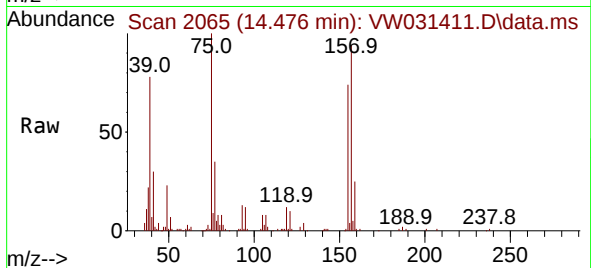
Tgt Ion: 75 Resp: 26344

Ion Ratio Lower Upper

75 100

155 74.1 56.6 85.0

157 93.7 71.2 106.8



#69

1,3,5-Trichlorobenzene

Concen: 23.151 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW031411.D

Acq: 20 Dec 2024 02:56

Tgt Ion:180 Resp: 259197

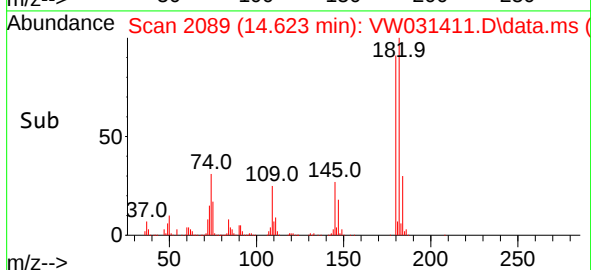
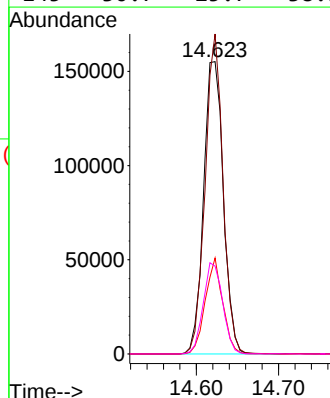
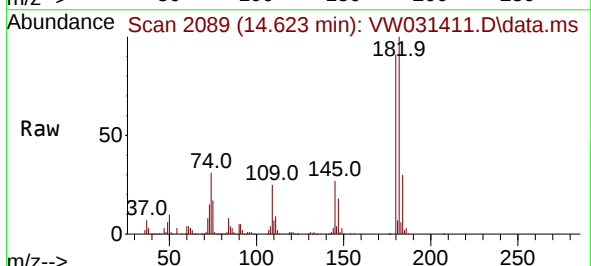
Ion Ratio Lower Upper

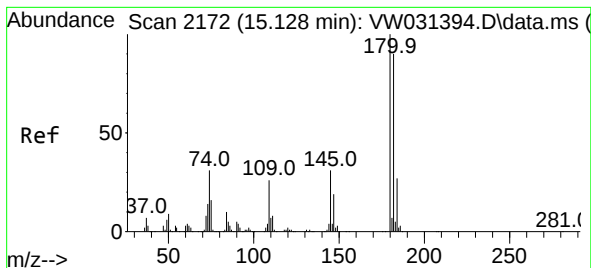
180 100

182 99.0 75.0 112.4

184 29.0 24.6 36.8

145 30.7 25.7 38.5





#70

1,2,4-trichlorobenzene

Concen: 24.560 ug/L

RT: 15.123 min Scan# 2172

Delta R.T. -0.006 min

Lab File: VW031411.D

Acq: 20 Dec 2024 02:56

Instrument :

MSVOA_W

ClientSampleId :

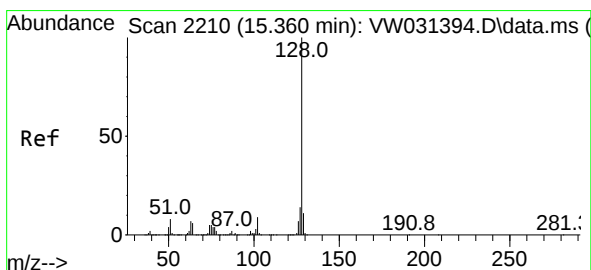
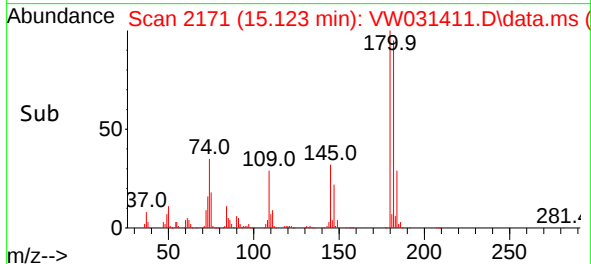
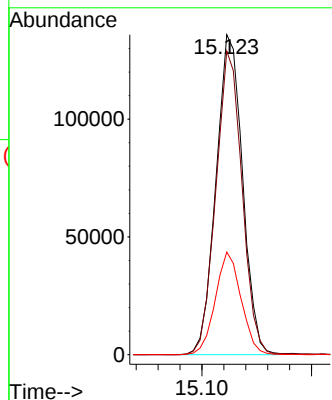
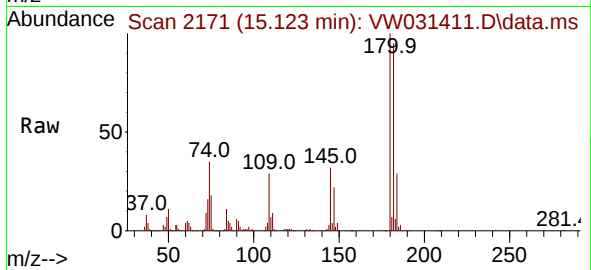
Tgt Ion:180 Resp: 228736

Ion Ratio Lower Upper

180 100

182 93.3 78.2 117.2

145 31.1 26.7 40.1



#71

Naphthalene

Concen: 29.571 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW031411.D

Acq: 20 Dec 2024 02:56

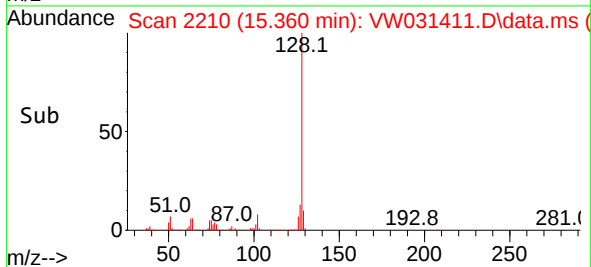
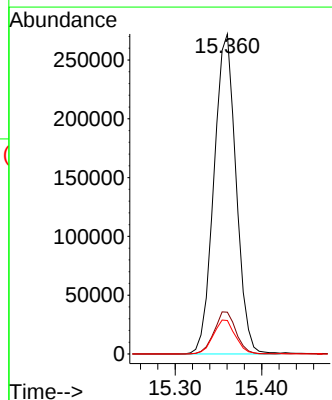
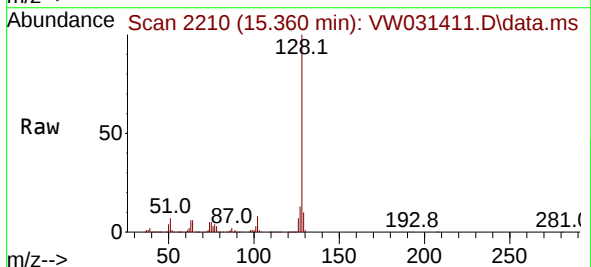
Tgt Ion:128 Resp: 482838

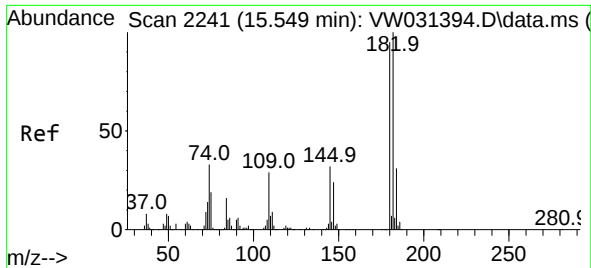
Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

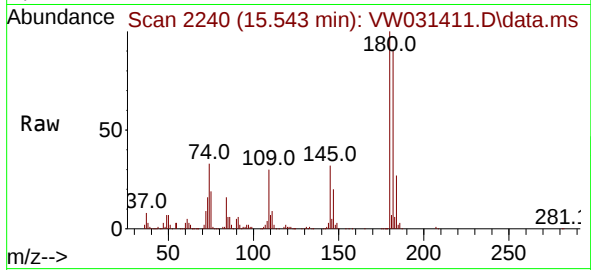
129 10.6 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 27.087 ug/L
 RT: 15.543 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031411.D
 Acq: 20 Dec 2024 02:56

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	203251
Ion	Ratio	Lower	Upper
180	100		
182	92.7	75.0	112.4
145	33.9	27.8	41.6

