

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
 Data File : VW031409.D
 Acq On : 20 Dec 2024 02:08
 Operator : SY/MD
 Sample : P5302-04MS
 Misc : 4.12g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 04:11:35 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	8.837	114	575280	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	463530	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	182083	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	130163	15.038	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.160%
7) Chloroethane-d5	2.899	69	117439	18.341	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.360%
11) 1,1-Dichloroethene-d2	4.015	65	56421	13.742	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.960%
21) 2-Butanone-d5	7.094	46	44448	27.267	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.540%
24) Chloroform-d	7.648	84	270090	17.135	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.560%
26) 1,2-Dichloroethane-d4	8.301	65	154364	19.500	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.000%
32) Benzene-d6	8.276	84	491077	16.529	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	66.120%
36) 1,2-Dichloropropane-d6	9.270	67	162912	18.815	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.240%
41) Toluene-d8	10.319	98	417805	15.117	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	60.480%
43) trans-1,3-Dichloroprop...	10.575	79	49820	12.478	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	49.920%
47) 2-Hexanone-d5	10.922	63	29845	25.630	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	114961	21.146	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	114734	16.973	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	67.880%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	55811	10.735	ug/L	99
3) Chloromethane	2.216	50	72049	12.335	ug/L	98
5) Vinyl chloride	2.363	62	103989	12.847	ug/L	99
6) Bromomethane	2.789	94	58709	11.797	ug/L	98
8) Chloroethane	2.930	64	76548	15.902	ug/L	99
9) Trichlorofluoromethane	3.265	101	112462	13.042	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	89547	12.860	ug/L #	83
12) 1,1-Dichloroethene	4.039	96	81047	11.492	ug/L	98
13) Acetone	4.155	43	43788	19.288	ug/L #	100
14) Carbon disulfide	4.381	76	187046	8.132	ug/L	99
16) Methylene chloride	4.911	84	118666	16.394	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	93671	12.322	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	250426	19.705	ug/L	99
19) 1,1-Dichloroethane	6.222	63	211199	14.867	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	123634	15.032	ug/L	98
22) 2-Butanone	7.185	43	64786	23.553	ug/L	99
23) Bromochloromethane	7.514	128	58639	17.876	ug/L	86
25) Chloroform	7.679	83	227498	16.227	ug/L	98
27) 1,2-Dichloroethane	8.398	62	158318	17.962	ug/L	100

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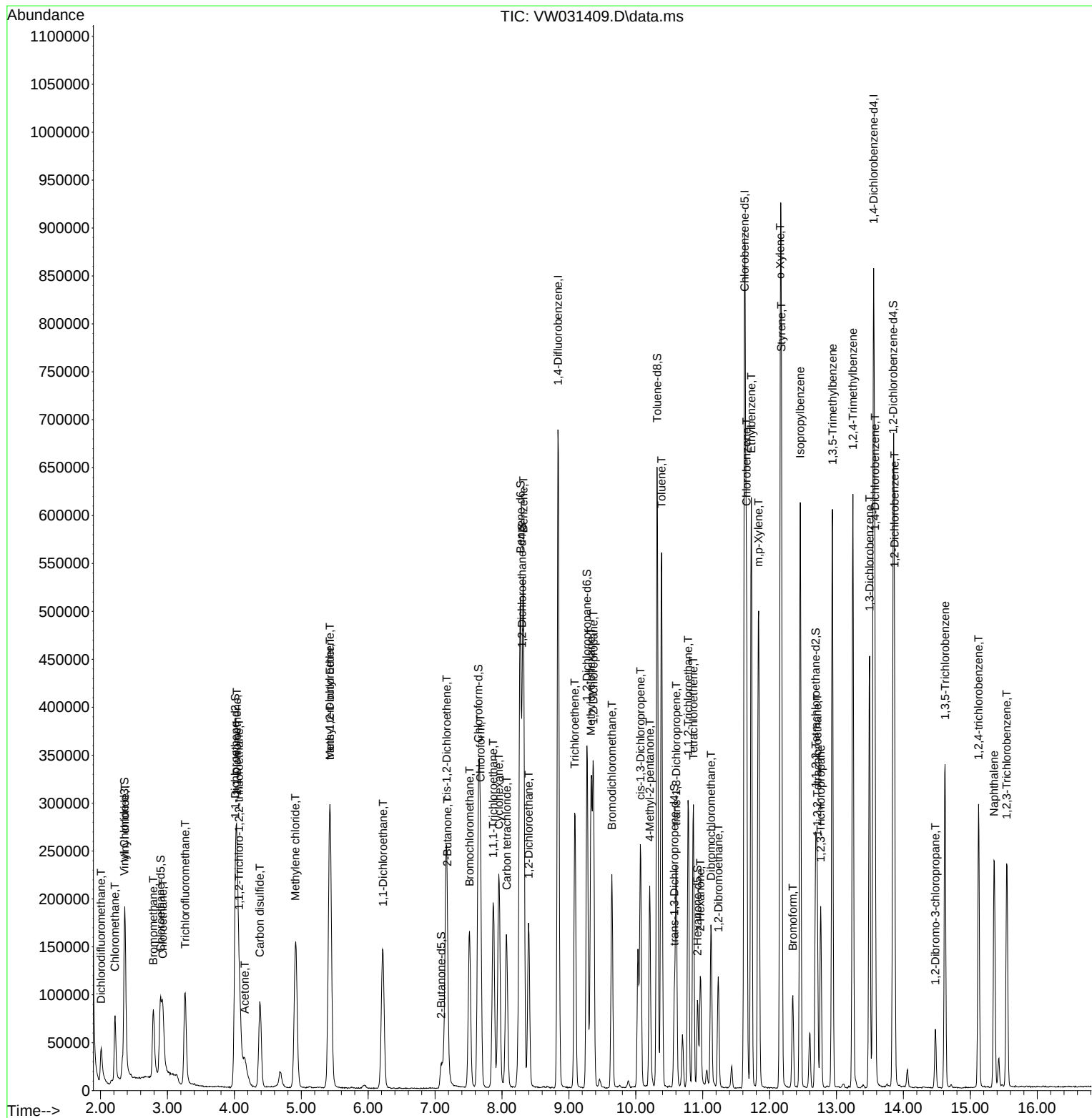
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	126397	10.055	ug/L	95
30) 1,1,1-Trichloroethane	7.868	97	156294	13.045	ug/L	98
31) Carbon tetrachloride	8.069	117	119788	11.223	ug/L	98
33) Benzene	8.319	78	423495	14.784	ug/L	100
34) Trichloroethene	9.087	95	101630	12.567	ug/L	96
35) Methylcyclohexane	9.331	83	131808	9.359	ug/L	97
37) 1,2-Dichloropropane	9.368	63	122493	17.142	ug/L	100
38) Bromodichloromethane	9.642	83	146452	15.764	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	148343	12.285	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	137441	36.252	ug/L	99
42) Toluene	10.386	91	417837	13.398	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	126757	12.856	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	93359	19.642	ug/L	97
46) Tetrachloroethene	10.861	164	63722	10.757	ug/L	96
48) 2-Hexanone	10.965	43	78745	24.421	ug/L	99
49) Dibromochloromethane	11.123	129	89128	15.819	ug/L	96
50) 1,2-Dibromoethane	11.233	107	79194	17.588	ug/L	94
51) Chlorobenzene	11.654	112	265891	13.598	ug/L	99
52) Ethylbenzene	11.727	91	428591	11.857	ug/L	98
53) m,p-Xylene	11.837	106	158771	11.539	ug/L	96
54) o-Xylene	12.160	106	169664	13.083	ug/L	100
55) Styrene	12.178	104	275095	12.753	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	103892	20.276	ug/L	98
59) Bromoform	12.349	173	45221	17.679	ug/L #	80
60) Isopropylbenzene	12.458	105	382743	12.845	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	77366	24.831	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	322927	12.783	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	325060	13.313	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	178467	14.783	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	175263	14.652	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	167355	16.089	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.476	75	15387	19.460	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	98999	11.709	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	90856	12.918	ug/L	91
71) Naphthalene	15.354	128	212210	17.210	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	77341	13.648	ug/L	99

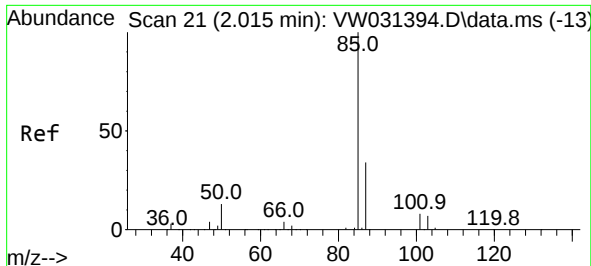
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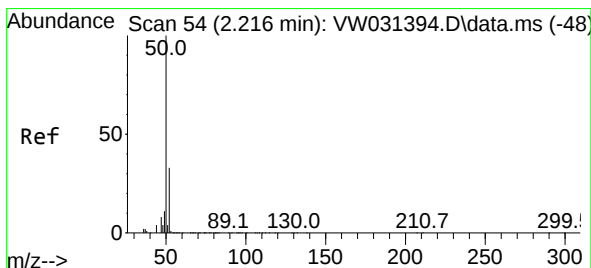
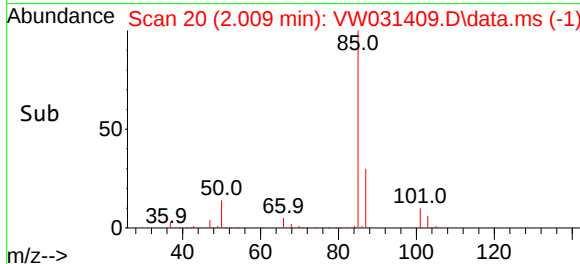
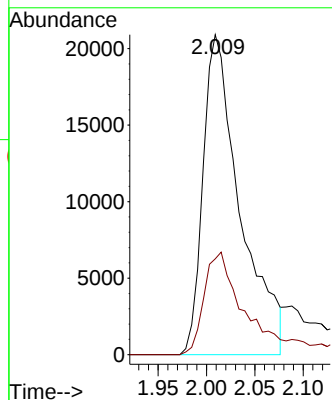
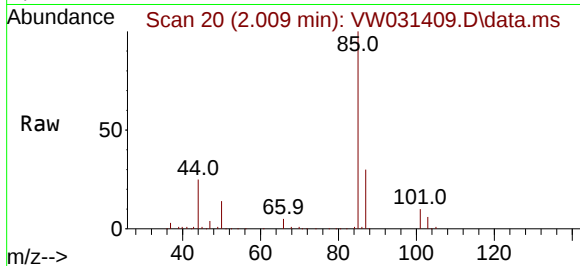




#2
 Dichlorodifluoromethane
 Concen: 10.735 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW031409.D
 Acq: 20 Dec 2024 02:08

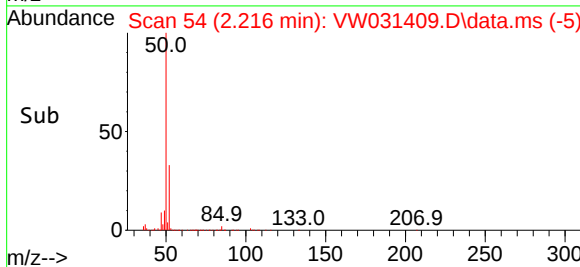
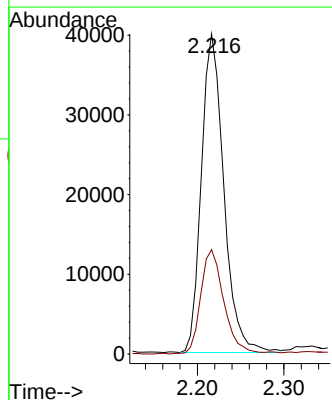
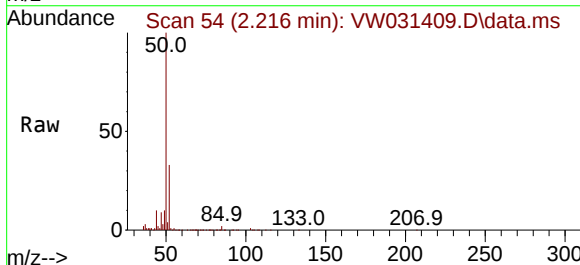
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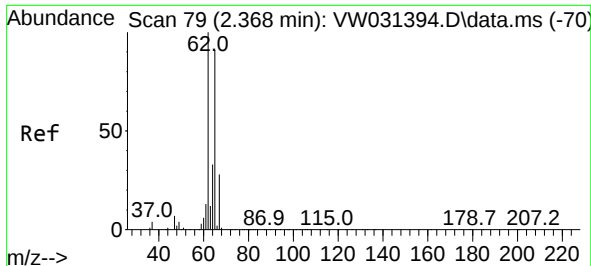
Tgt Ion: 85 Resp: 55811
 Ion Ratio Lower Upper
 85 100
 87 30.3 24.9 37.3



#3
 Chloromethane
 Concen: 12.335 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VW031409.D
 Acq: 20 Dec 2024 02:08

Tgt Ion: 50 Resp: 72049
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.0 41.0

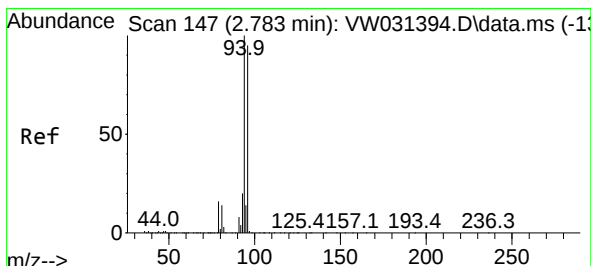
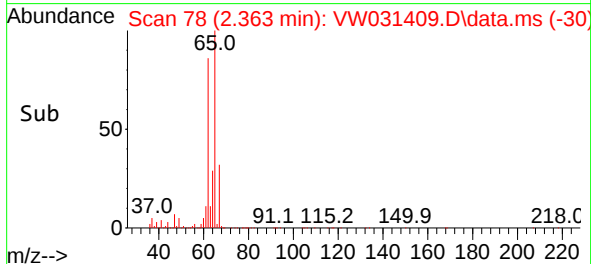
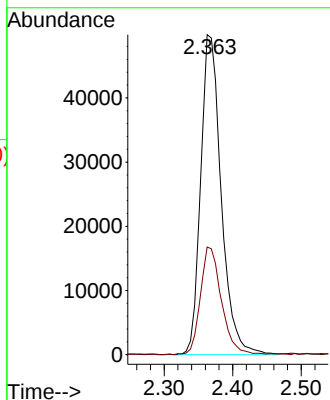
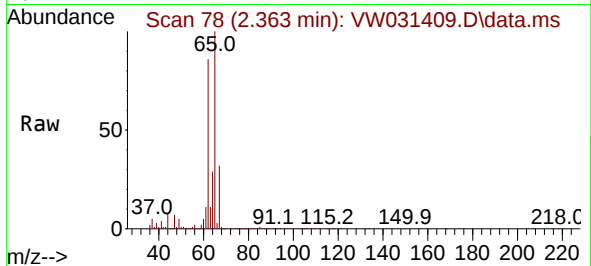




#5
 Vinyl chloride
 Concen: 12.847 ug/L
 RT: 2.363 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW031409.D
 Acq: 20 Dec 2024 02:08

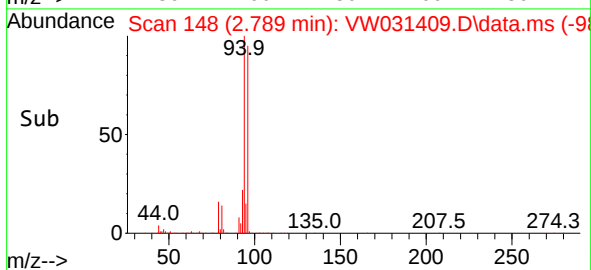
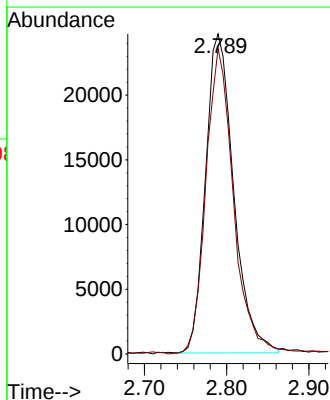
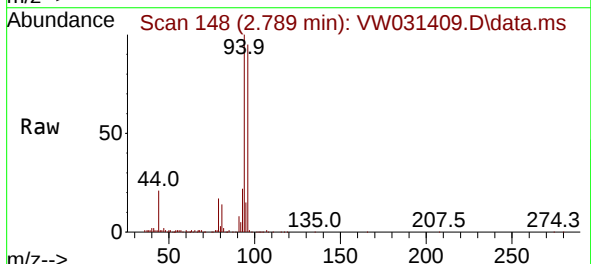
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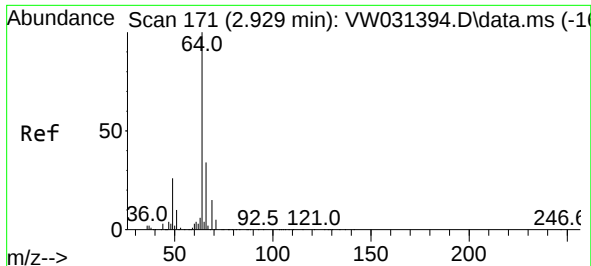
Tgt Ion: 62 Resp: 103989
 Ion Ratio Lower Upper
 62 100
 64 33.6 24.1 44.8



#6
 Bromomethane
 Concen: 11.797 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW031409.D
 Acq: 20 Dec 2024 02:08

Tgt Ion: 94 Resp: 58709
 Ion Ratio Lower Upper
 94 100
 96 95.5 65.6 121.8

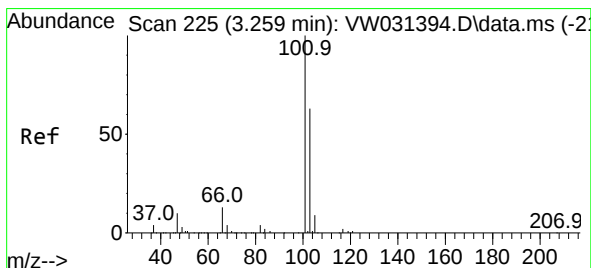
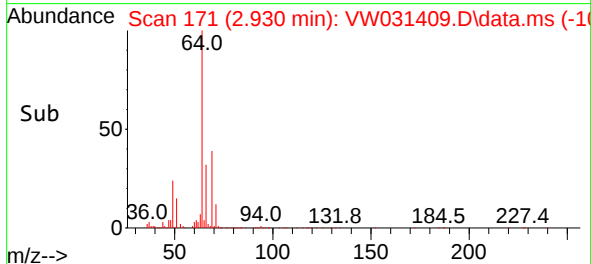
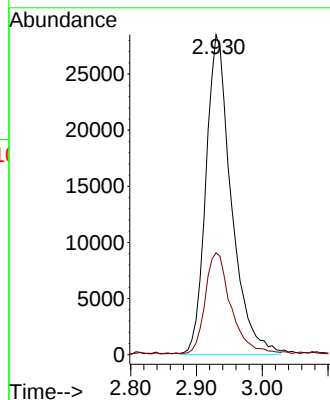
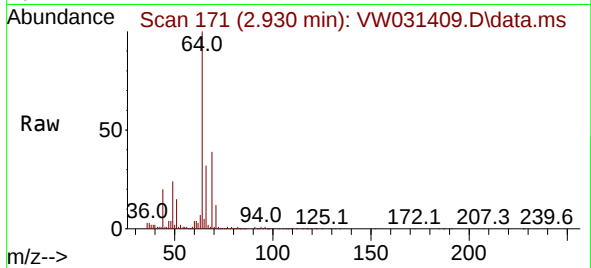




#8
Chloroethane
Concen: 15.902 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW031409.D
Acq: 20 Dec 2024 02:08

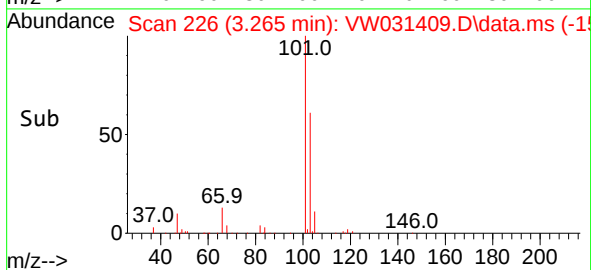
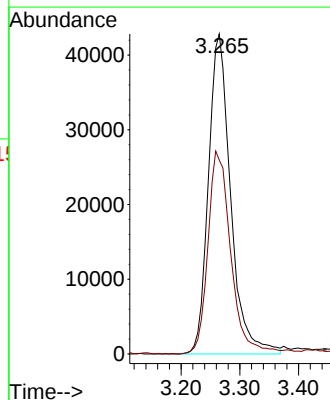
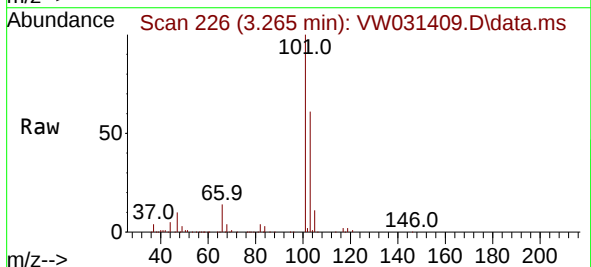
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MSVOA_W
ClientSampleId :

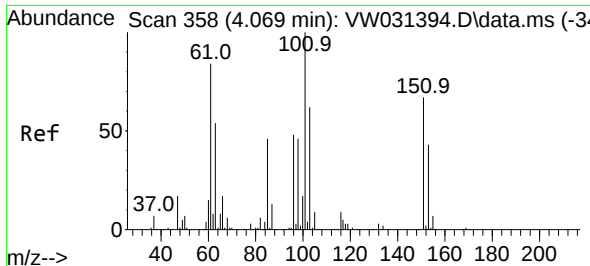
Tgt Ion: 64 Resp: 76548
Ion Ratio Lower Upper
64 100
66 31.9 22.7 42.3



#9
Trichlorofluoromethane
Concen: 13.042 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW031409.D
Acq: 20 Dec 2024 02:08

Tgt Ion: 101 Resp: 112462
Ion Ratio Lower Upper
101 100
103 65.1 51.6 77.4

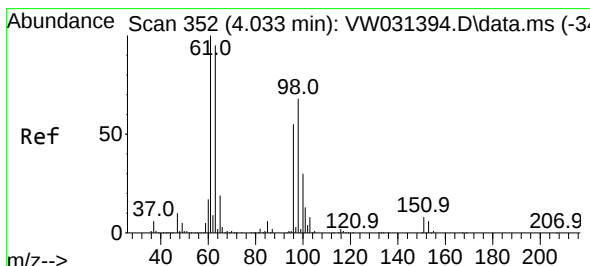
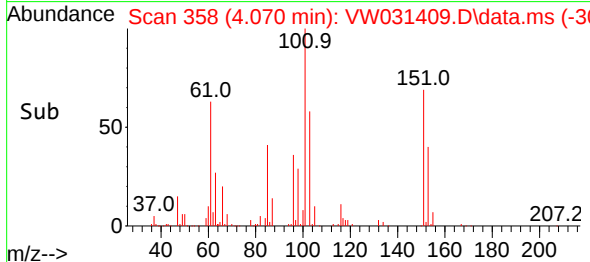
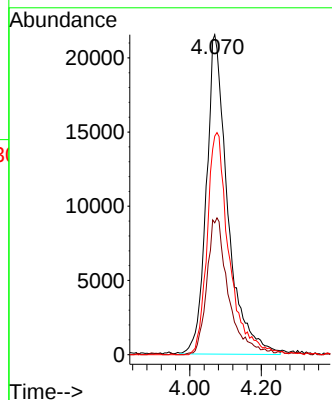
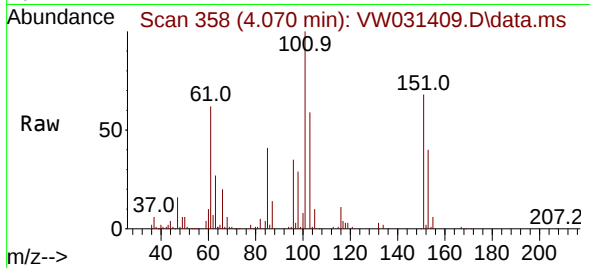




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 12.860 ug/L
 RT: 4.070 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW031409.D
 Acq: 20 Dec 2024 02:08

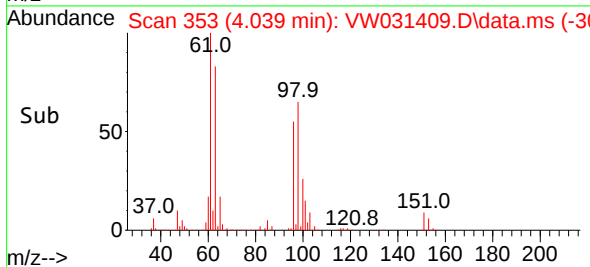
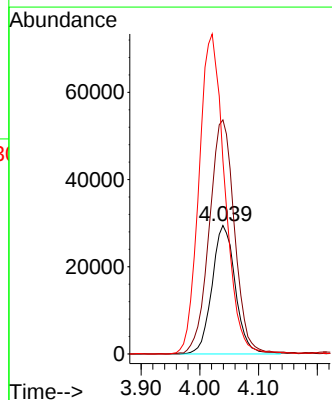
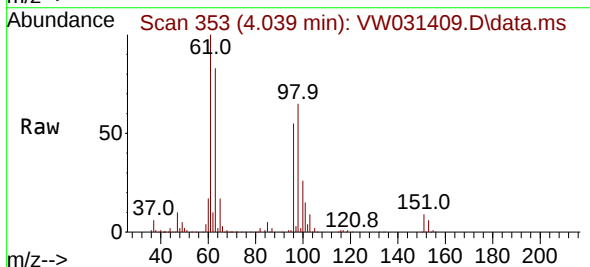
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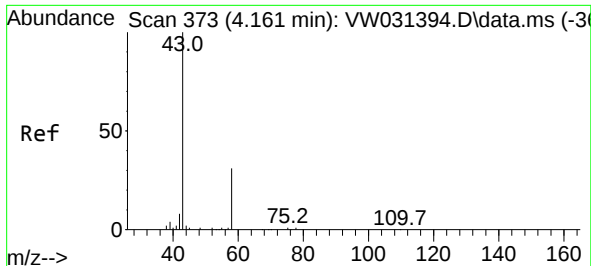
Tgt Ion:101 Resp: 89547
 Ion Ratio Lower Upper
 101 100
 85 17.0 33.0 49.4#
 151 71.5 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 11.492 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. 0.006 min
 Lab File: VW031409.D
 Acq: 20 Dec 2024 02:08

Tgt Ion: 96 Resp: 81047
 Ion Ratio Lower Upper
 96 100
 61 182.1 125.3 232.7
 63 150.6 104.6 194.2

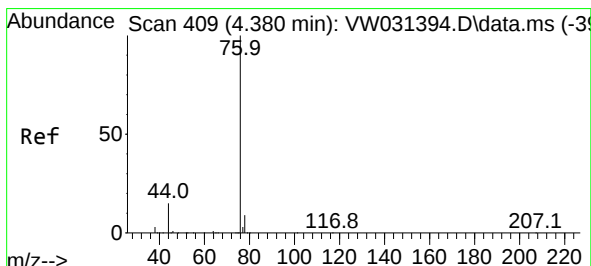
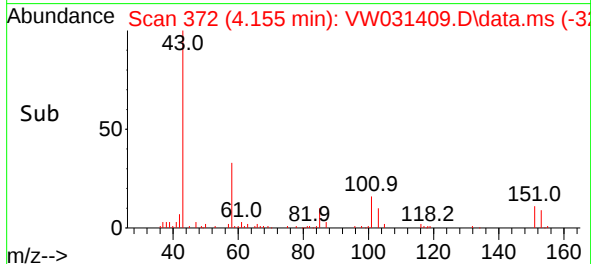
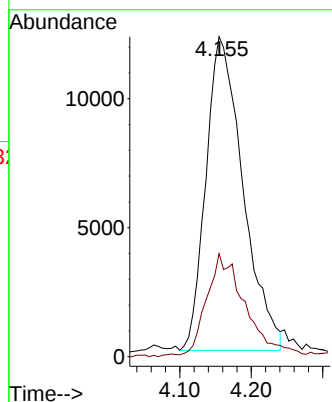
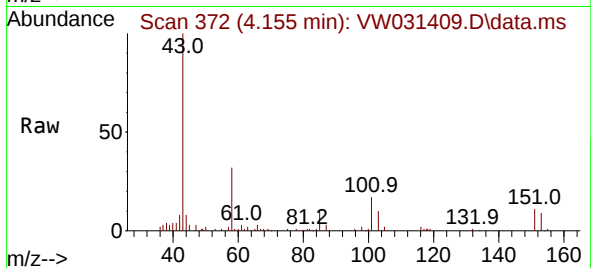




#13
Acetone
Concen: 19.288 ug/L
RT: 4.155 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW031409.D
Acq: 20 Dec 2024 02:08

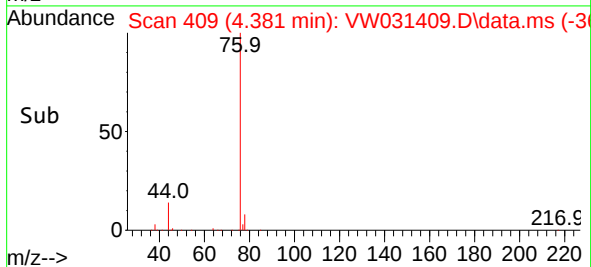
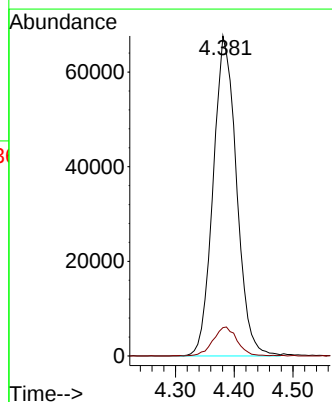
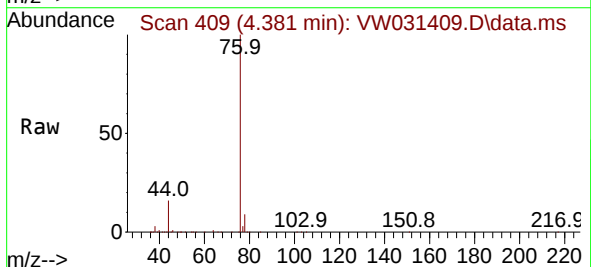
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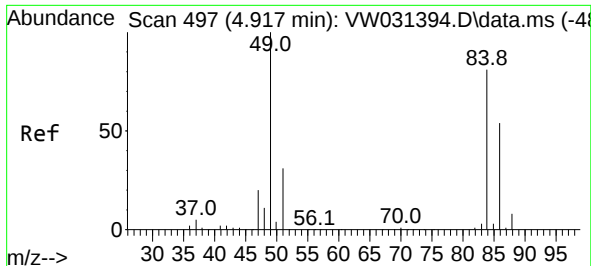
Tgt Ion: 43 Resp: 43788
Ion Ratio Lower Upper
43 100
58 15.2 0.0 0.0#



#14
Carbon disulfide
Concen: 8.132 ug/L
RT: 4.381 min Scan# 409
Delta R.T. 0.000 min
Lab File: VW031409.D
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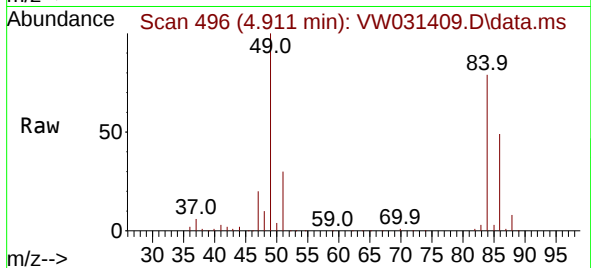
Tgt Ion: 76 Resp: 187046
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9





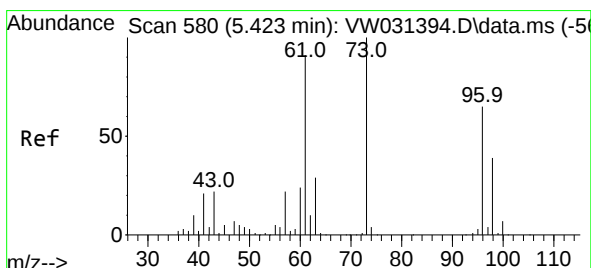
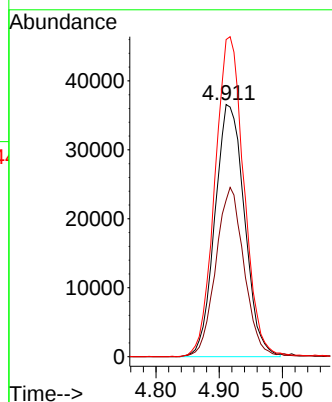
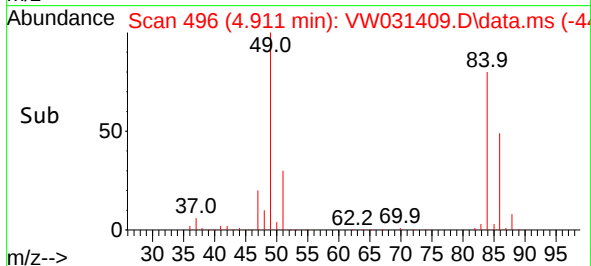
#16
Methylene chloride
Concen: 16.394 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW031409.D
Acq: 20 Dec 2024 02:08

Instrument :
MSVOA_W
ClientSampleId :

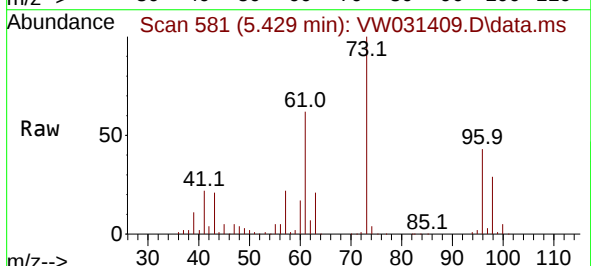


Tgt Ion: 84 Resp: 118666

Ion	Ratio	Lower	Upper
84	100		
86	62.1	44.7	82.9
49	125.8	88.3	164.1

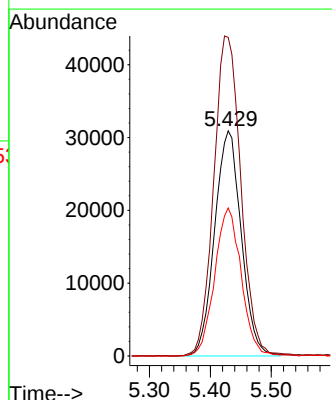
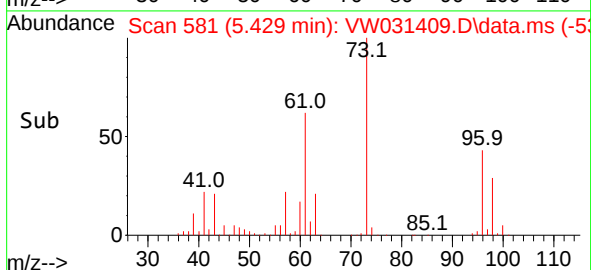


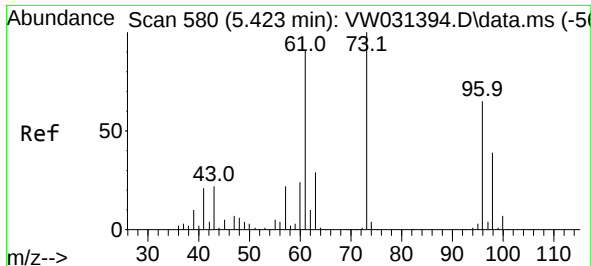
#17
trans-1,2-Dichloroethene
Concen: 12.322 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW031409.D
Acq: 20 Dec 2024 02:08



Tgt Ion: 96 Resp: 93671

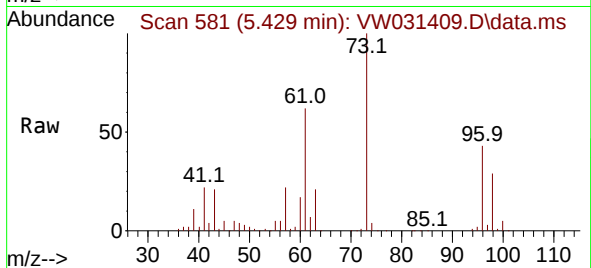
Ion	Ratio	Lower	Upper
96	100		
61	141.5	100.7	187.1
98	65.7	43.8	81.3



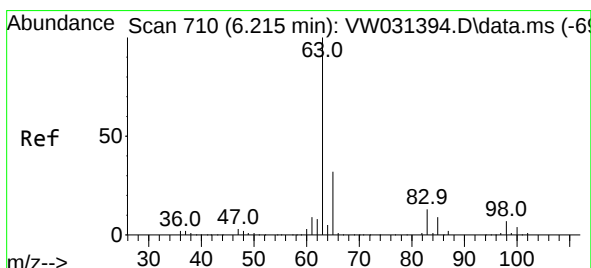
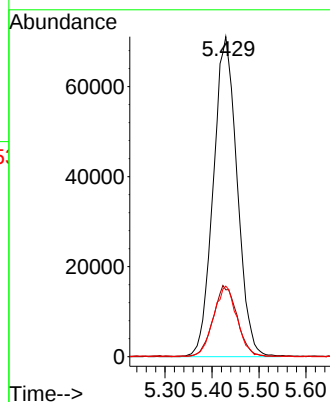
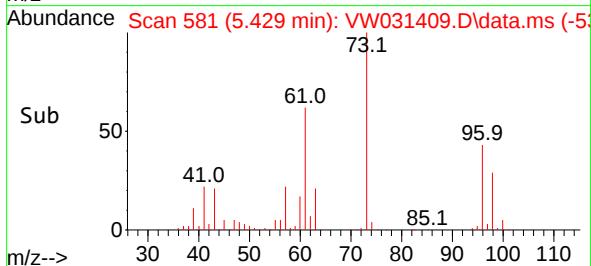


#18
Methyl tert-butyl Ether
Concen: 19.705 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW031409.D
Acq: 20 Dec 2024 02:08

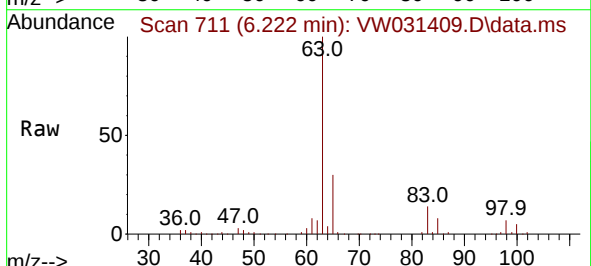
Instrument :
MSVOA_W
ClientSampleId :



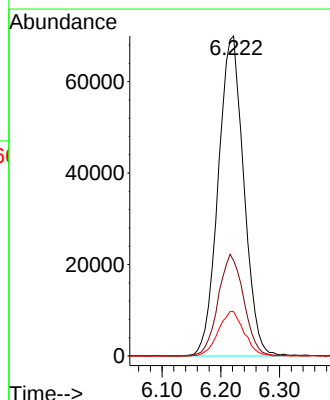
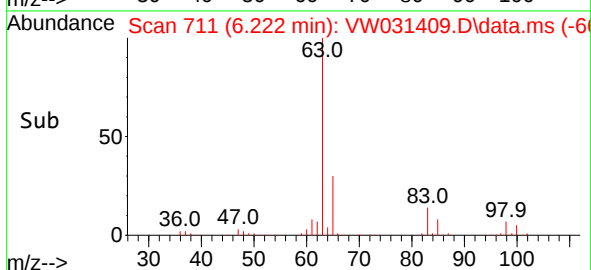
Tgt Ion: 73 Resp: 250426
Ion Ratio Lower Upper
73 100
43 22.0 17.9 26.9
57 21.8 17.9 26.9

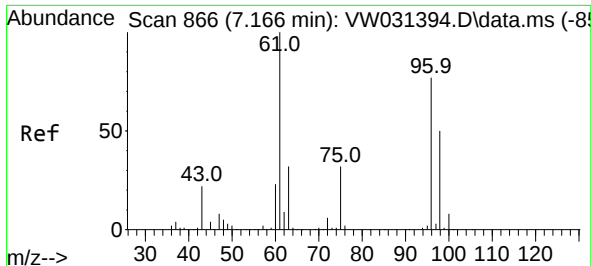


#19
1,1-Dichloroethane
Concen: 14.867 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW031409.D
Acq: 20 Dec 2024 02:08



Tgt Ion: 63 Resp: 211199
Ion Ratio Lower Upper
63 100
65 29.8 21.9 40.7
83 13.8 9.3 17.3

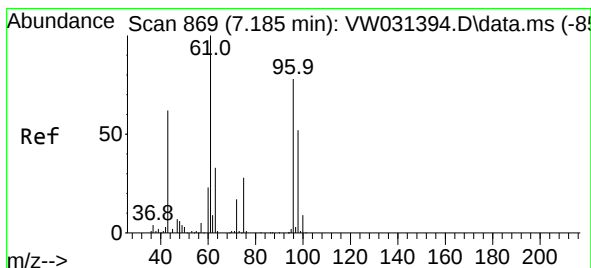
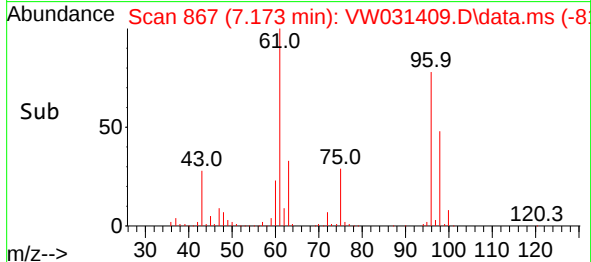
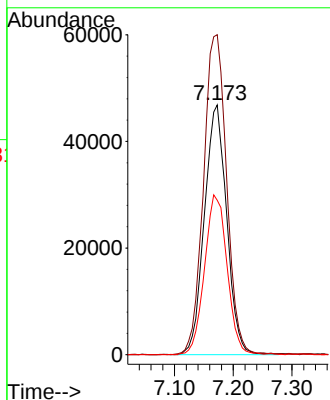
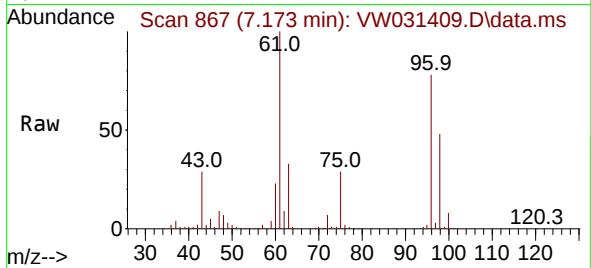




#20
 cis-1,2-Dichloroethene
 Concen: 15.032 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW031409.D
 Acq: 20 Dec 2024 02:08

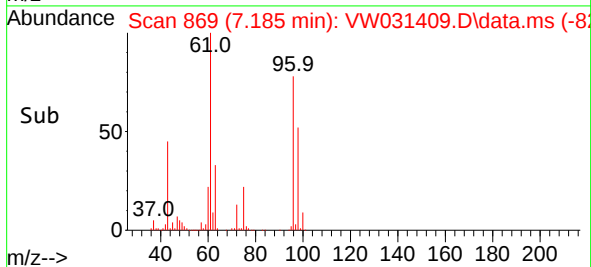
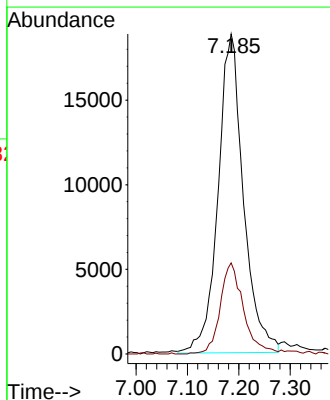
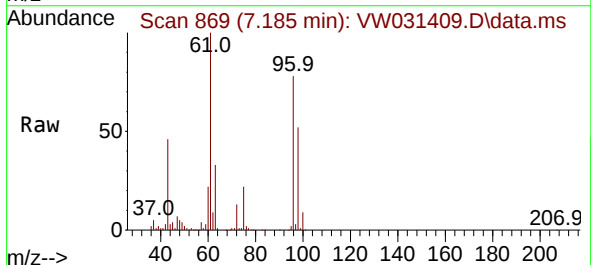
Instrument :
 MSVOA_W
 ClientSampleId :

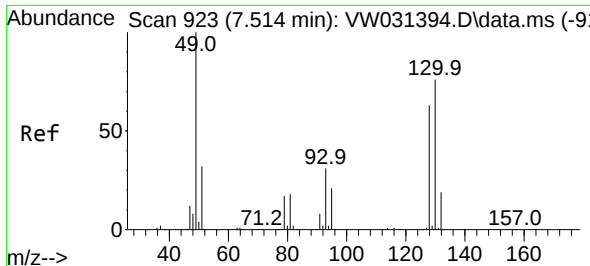
Tgt Ion: 96 Resp: 123634
 Ion Ratio Lower Upper
 96 100
 61 128.1 92.2 171.2
 98 61.8 43.7 81.1



#22
 2-Butanone
 Concen: 23.553 ug/L
 RT: 7.185 min Scan# 869
 Delta R.T. 0.000 min
 Lab File: VW031409.D
 Acq: 20 Dec 2024 02:08

Tgt Ion: 43 Resp: 64786
 Ion Ratio Lower Upper
 43 100
 72 26.0 13.3 39.8

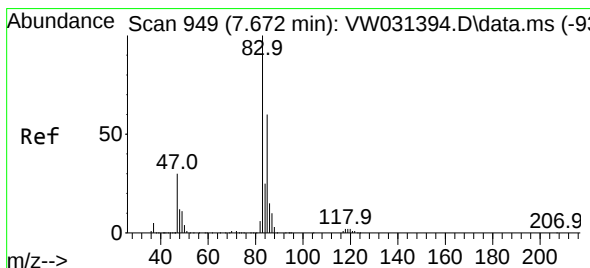
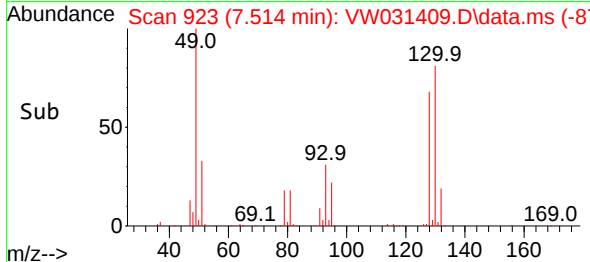
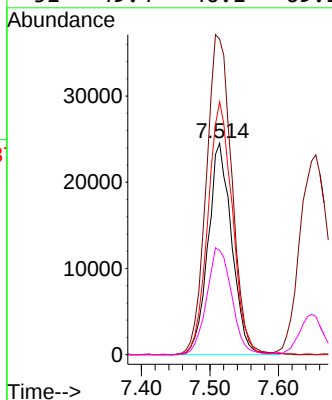
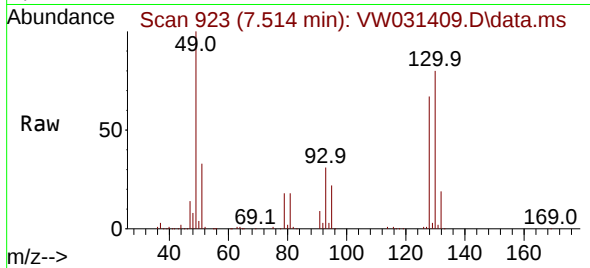




#23
Bromochloromethane
Concen: 17.876 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031409.D
Acq: 20 Dec 2024 02:08

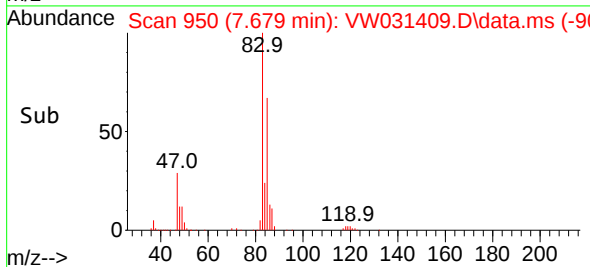
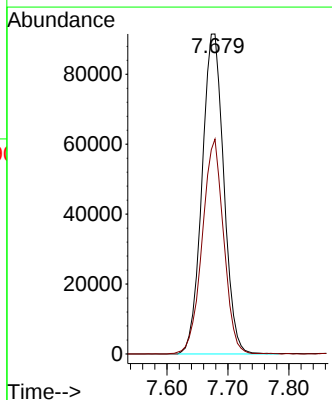
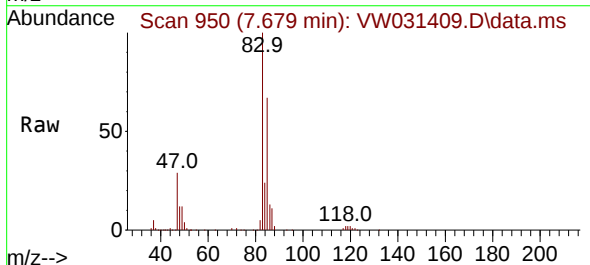
Instrument :
MSVOA_W
ClientSampleId :

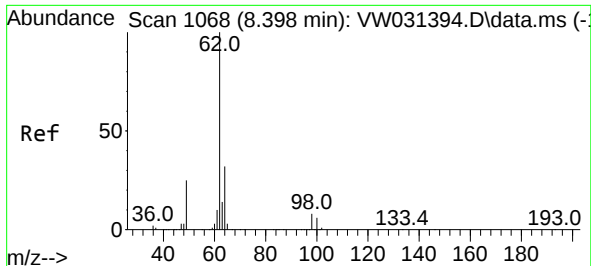
Tgt Ion:	128	Resp:	58639
Ion	Ratio	Lower	Upper
128	100		
49	149.2	123.7	229.7
130	119.6	90.3	167.7
51	49.4	46.1	69.1



#25
Chloroform
Concen: 16.227 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW031409.D
Acq: 20 Dec 2024 02:08

Tgt Ion:	83	Resp:	227498
Ion	Ratio	Lower	Upper
83	100		
85	67.2	46.1	85.5





#27

1,2-Dichloroethane

Concen: 17.962 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031409.D

Acq: 20 Dec 2024 02:08

Instrument :

MSVOA_W

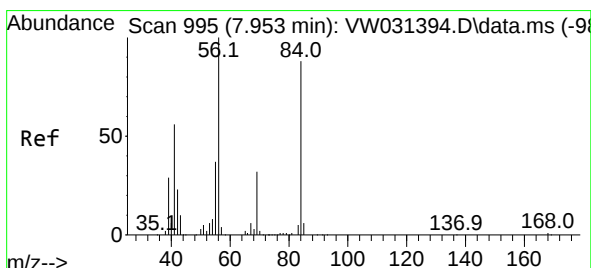
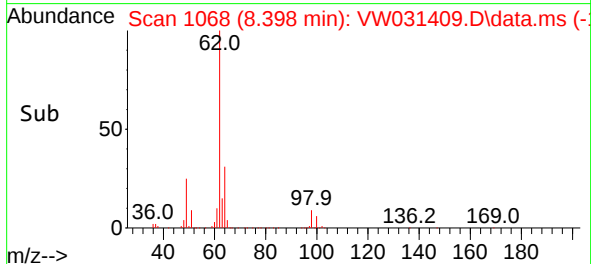
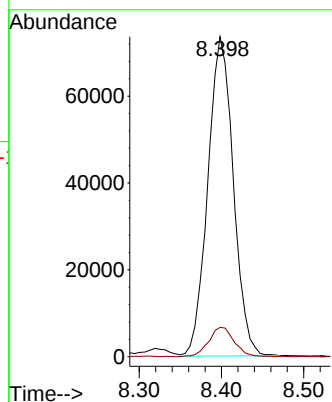
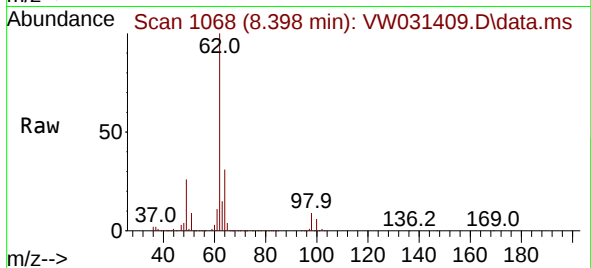
ClientSampleId :

Tgt Ion: 62 Resp: 158318

Ion Ratio Lower Upper

62 100

98 9.2 7.2 10.8



#29

Cyclohexane

Concen: 10.055 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW031409.D

Acq: 20 Dec 2024 02:08

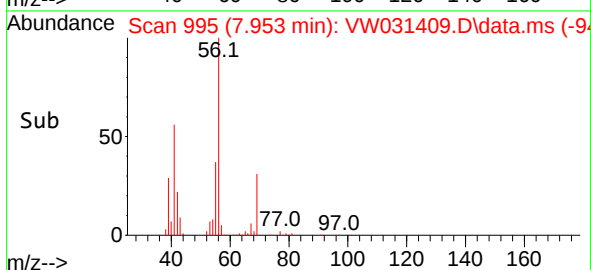
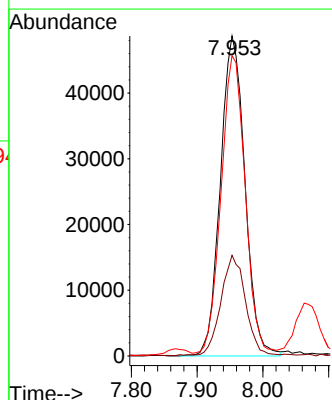
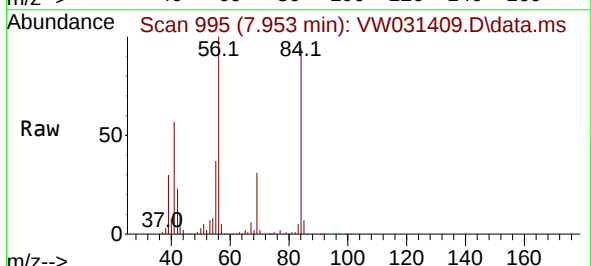
Tgt Ion: 56 Resp: 126397

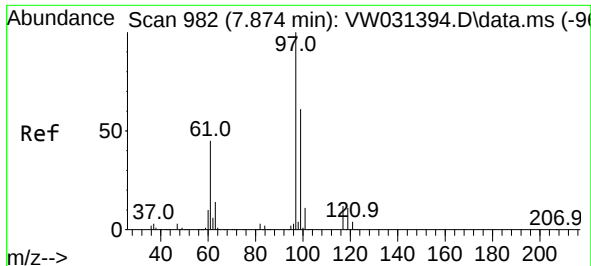
Ion Ratio Lower Upper

56 100

69 30.9 25.0 37.4

84 92.4 68.9 103.3





#30

1,1,1-Trichloroethane

Concen: 13.045 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW031409.D

Acq: 20 Dec 2024 02:08

Instrument :

MSVOA_W

ClientSampleId :

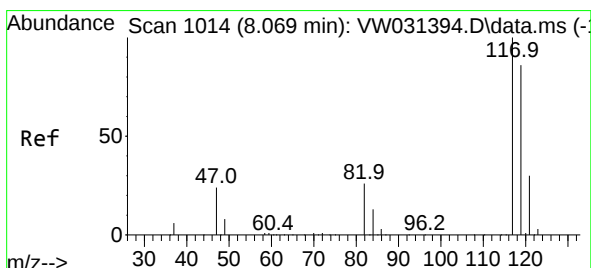
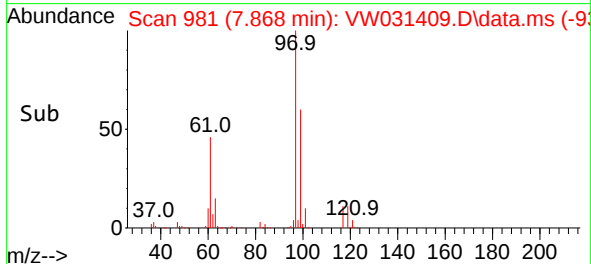
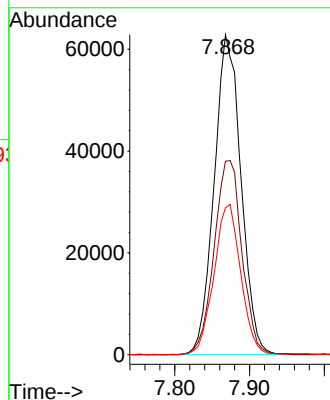
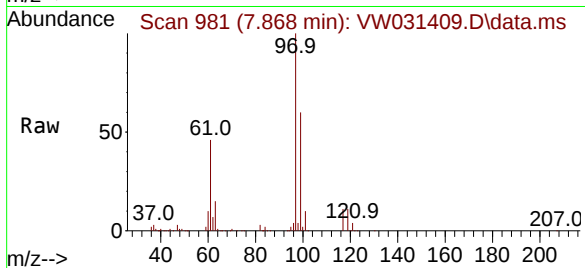
Tgt Ion: 97 Resp: 156294

Ion Ratio Lower Upper

97 100

99 63.3 51.1 76.7

61 47.2 36.3 54.5



#31

Carbon tetrachloride

Concen: 11.223 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW031409.D

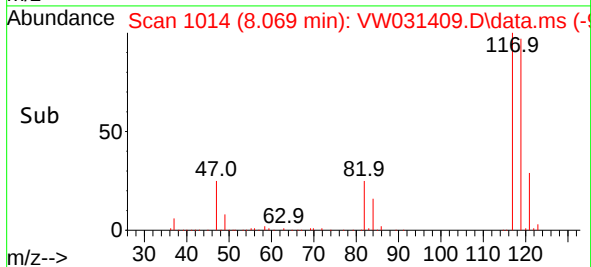
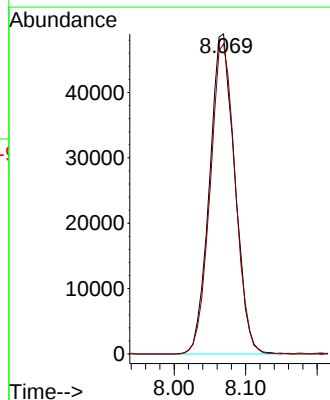
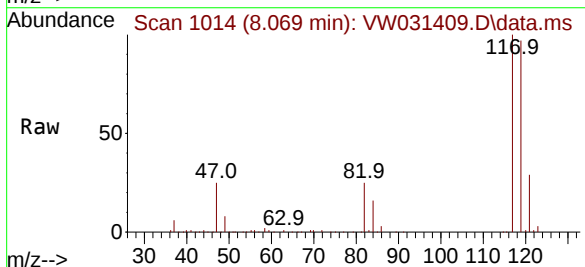
Acq: 20 Dec 2024 02:08

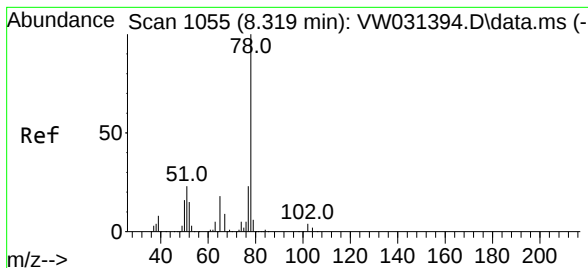
Tgt Ion: 117 Resp: 119788

Ion Ratio Lower Upper

117 100

119 96.6 76.0 114.0





#33

Benzene

Concen: 14.784 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW031409.D

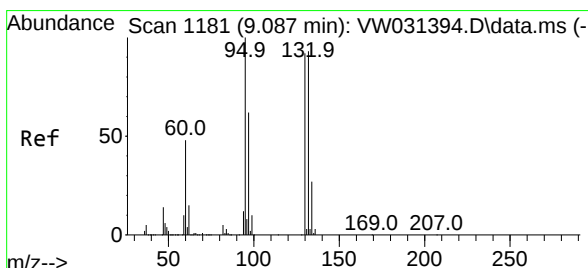
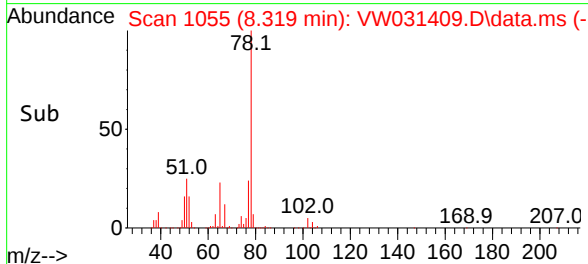
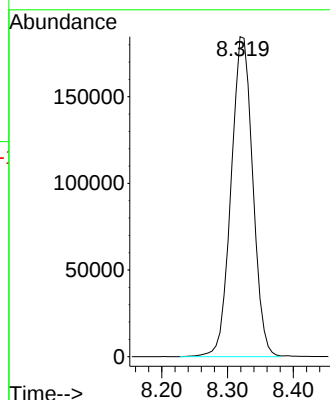
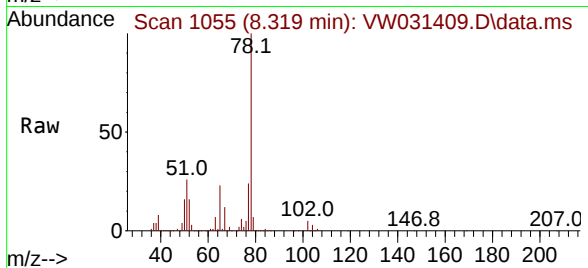
Acq: 20 Dec 2024 02:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 423495



#34

Trichloroethene

Concen: 12.567 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031409.D

Acq: 20 Dec 2024 02:08

Tgt Ion: 95 Resp: 101630

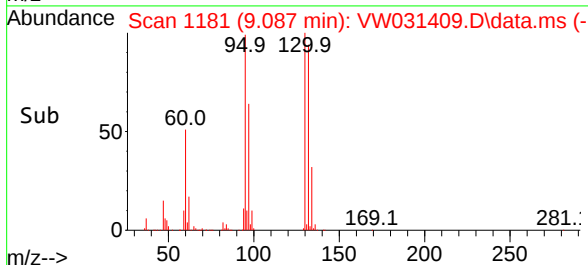
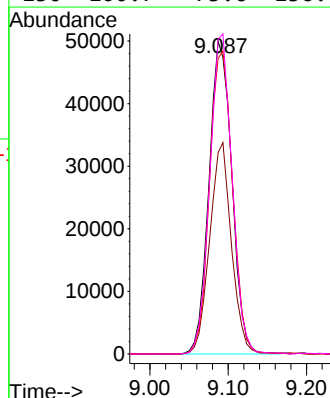
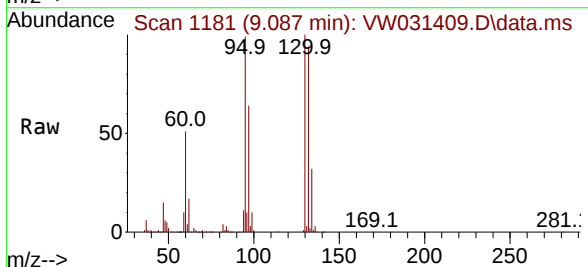
Ion Ratio Lower Upper

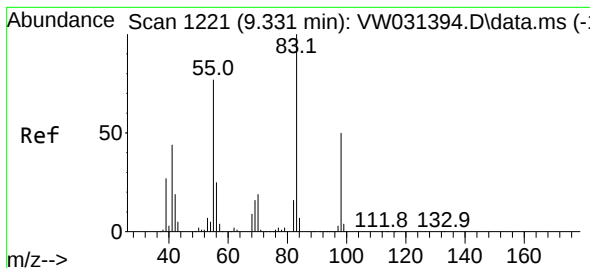
95 100

97 64.4 46.5 86.3

132 94.5 70.3 130.5

130 100.7 73.6 136.8





#35

Methylcyclohexane

Concen: 9.359 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031409.D

Acq: 20 Dec 2024 02:08

Instrument :

MSVOA_W

ClientSampleId :

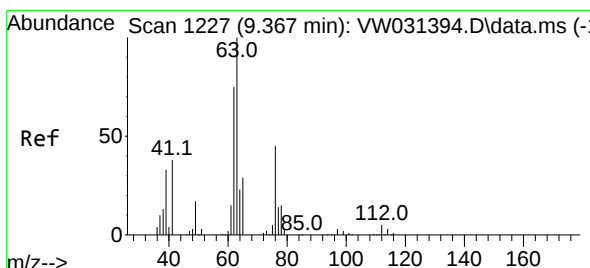
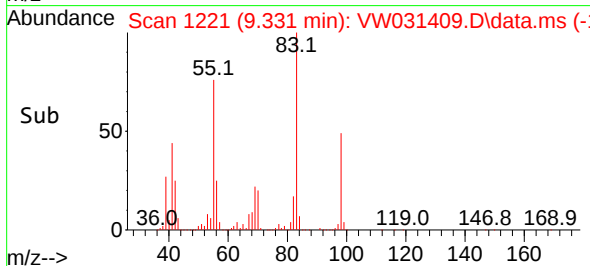
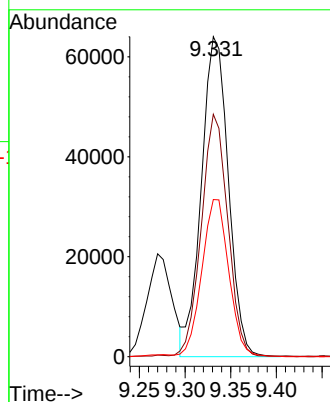
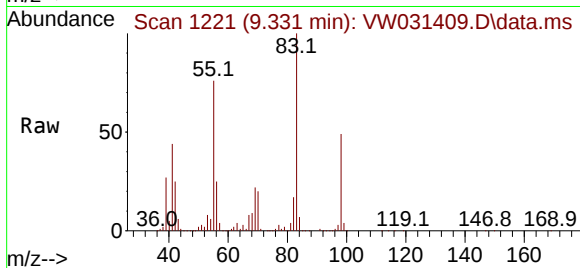
Tgt Ion: 83 Resp: 131808

Ion Ratio Lower Upper

83 100

55 74.3 62.6 93.8

98 49.1 39.8 59.6



#37

1,2-Dichloropropane

Concen: 17.142 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW031409.D

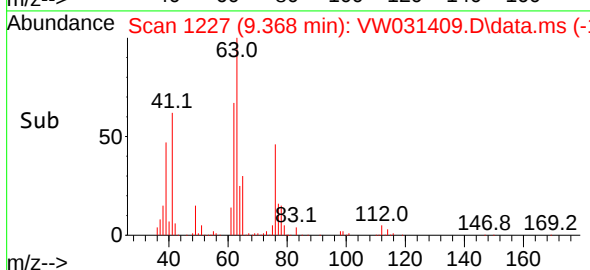
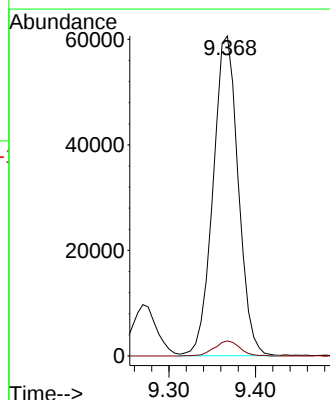
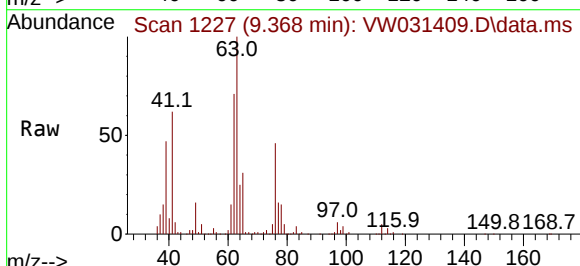
Acq: 20 Dec 2024 02:08

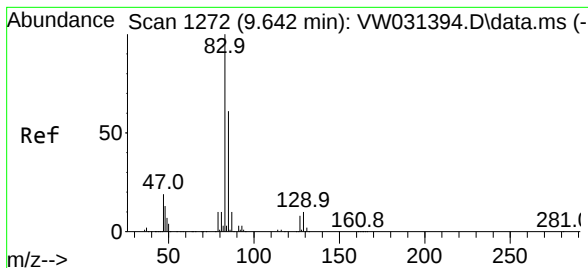
Tgt Ion: 63 Resp: 122493

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8





#38

Bromodichloromethane

Concen: 15.764 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031409.D

Acq: 20 Dec 2024 02:08

Instrument :

MSVOA_W

ClientSampleId :

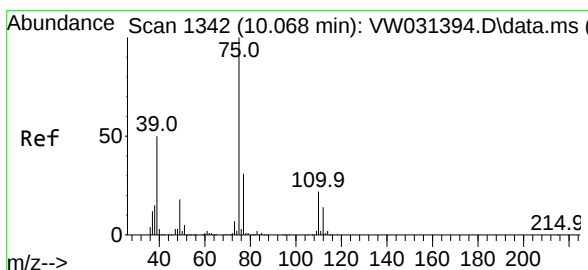
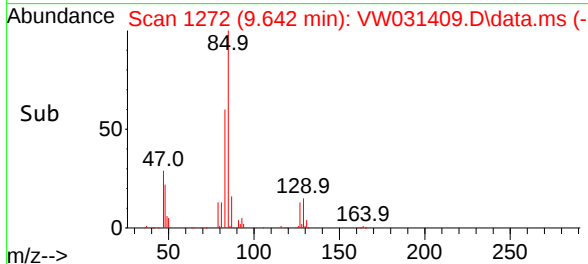
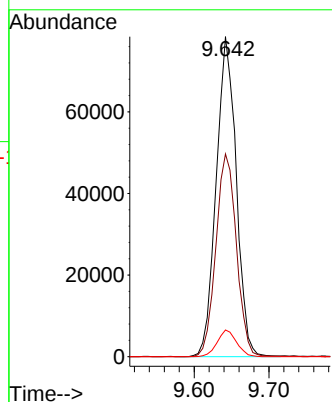
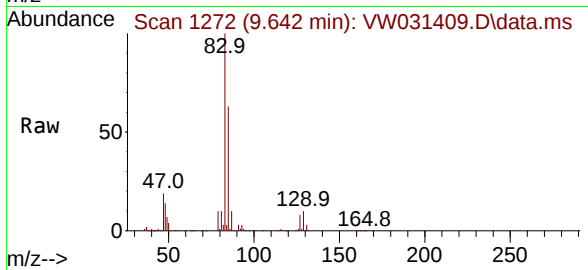
Tgt Ion: 83 Resp: 146452

Ion Ratio Lower Upper

83 100

85 63.4 46.5 86.5

127 8.3 6.2 9.4



#39

cis-1,3-Dichloropropene

Concen: 12.285 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW031409.D

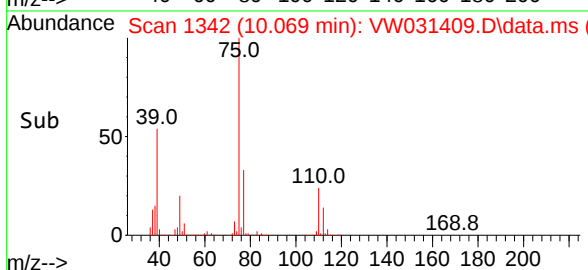
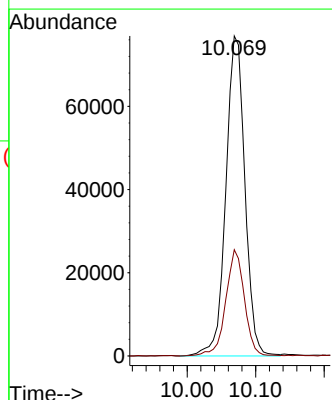
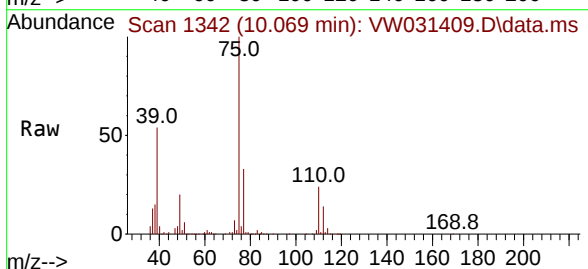
Acq: 20 Dec 2024 02:08

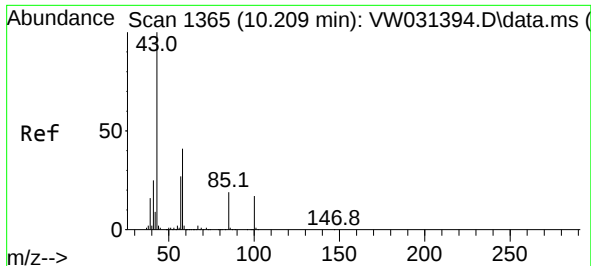
Tgt Ion: 75 Resp: 148343

Ion Ratio Lower Upper

75 100

77 33.2 21.8 40.4





#40

4-Methyl-2-pentanone

Concen: 36.252 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW031409.D

Acq: 20 Dec 2024 02:08

Instrument :

MSVOA_W

ClientSampleId :

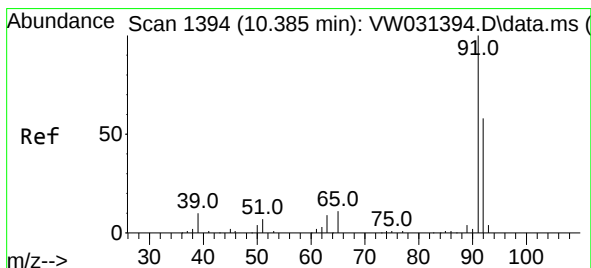
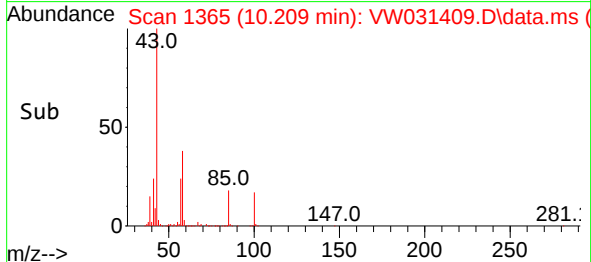
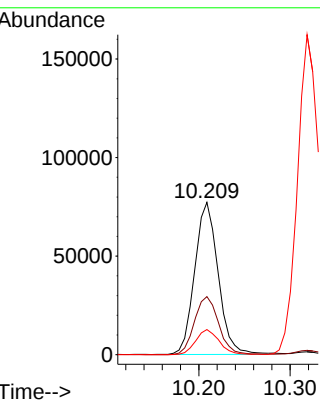
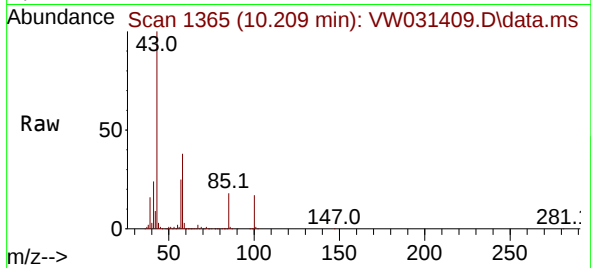
Tgt Ion: 43 Resp: 137441

Ion Ratio Lower Upper

43 100

58 39.4 31.1 46.7

100 16.6 13.0 19.6



#42

Toluene

Concen: 13.398 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031409.D

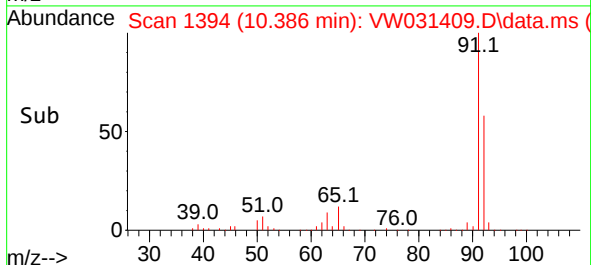
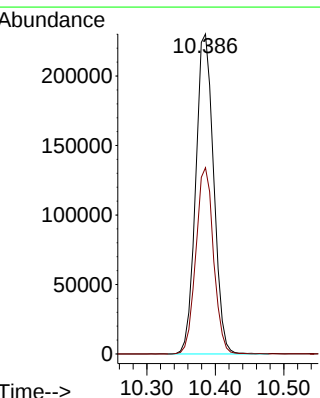
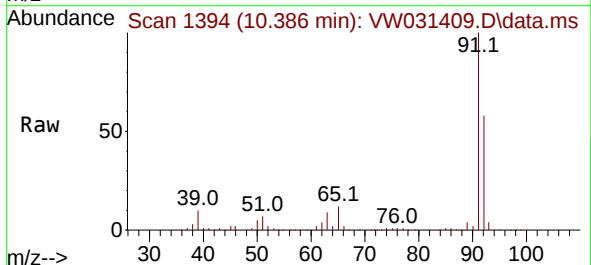
Acq: 20 Dec 2024 02:08

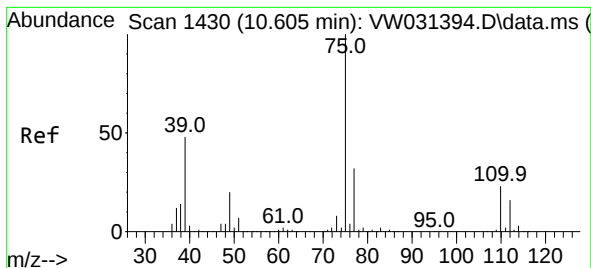
Tgt Ion: 91 Resp: 417837

Ion Ratio Lower Upper

91 100

92 58.2 40.3 74.9





#44

trans-1,3-Dichloropropene

Concen: 12.856 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031409.D

Acq: 20 Dec 2024 02:08

Instrument :

MSVOA_W

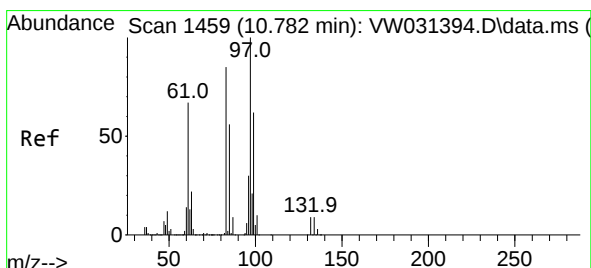
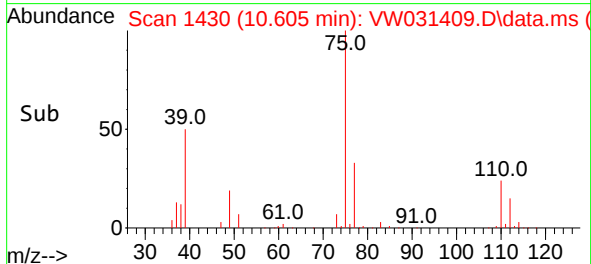
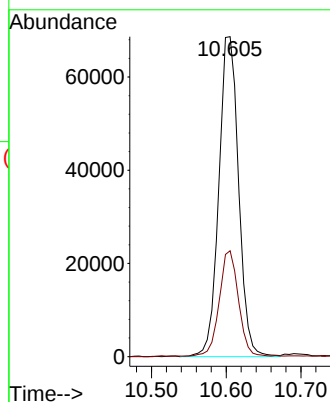
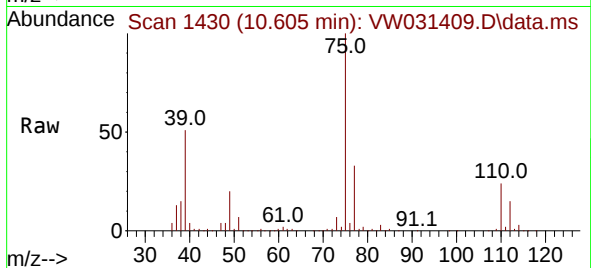
ClientSampleId :

Tgt Ion: 75 Resp: 126757

Ion Ratio Lower Upper

75 100

77 33.1 21.2 39.4



#45

1,1,2-Trichloroethane

Concen: 19.642 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031409.D

Acq: 20 Dec 2024 02:08

Tgt Ion: 97 Resp: 93359

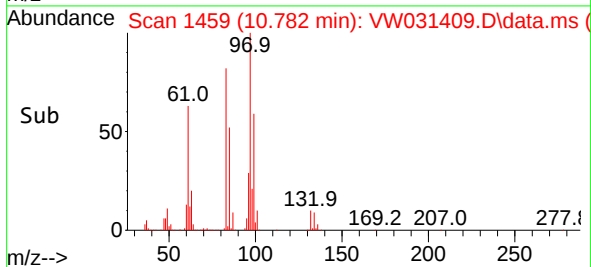
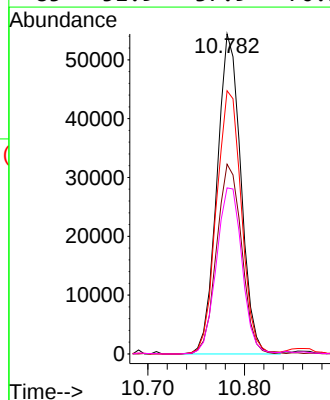
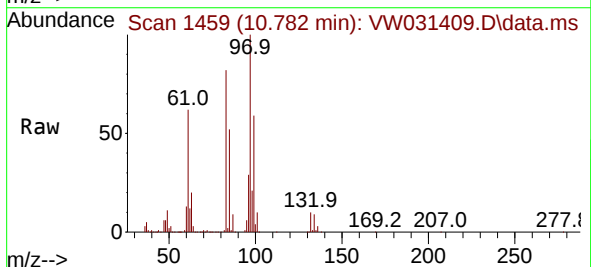
Ion Ratio Lower Upper

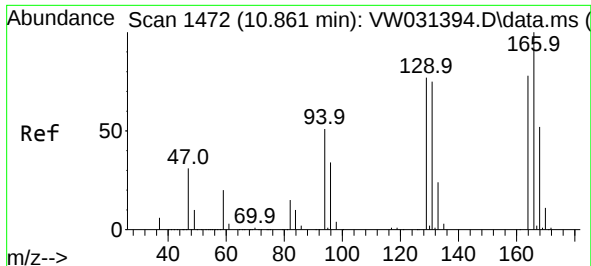
97 100

99 59.3 43.0 80.0

83 82.2 56.4 104.7

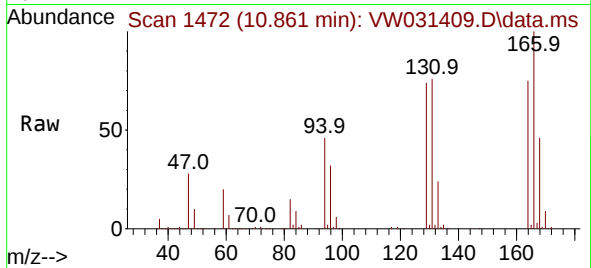
85 51.9 37.9 70.3





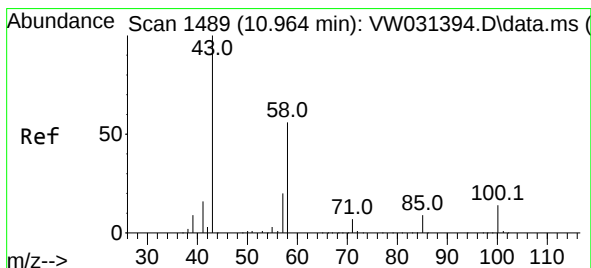
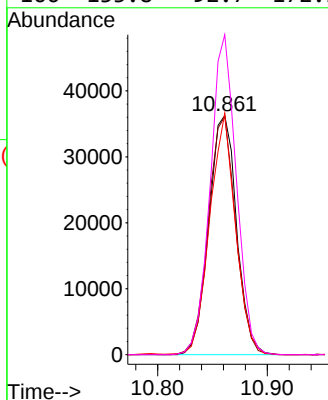
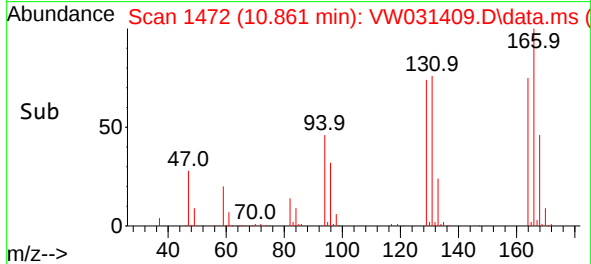
#46
Tetrachloroethene
Concen: 10.757 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW031409.D
Acq: 20 Dec 2024 02:08

Instrument :
MSVOA_W
ClientSampleId :

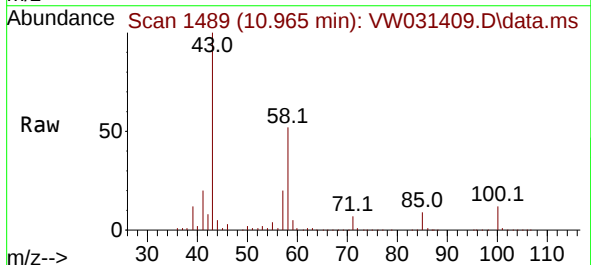


Tgt Ion:164 Resp: 63722

Ion	Ratio	Lower	Upper
164	100		
129	99.6	73.5	136.5
131	101.1	66.6	123.8
166	133.8	92.7	172.3

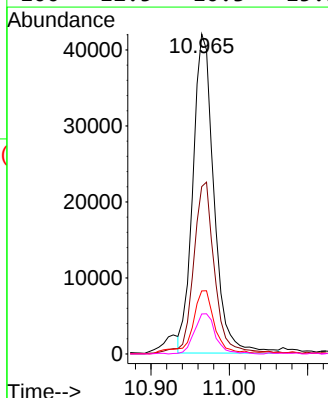
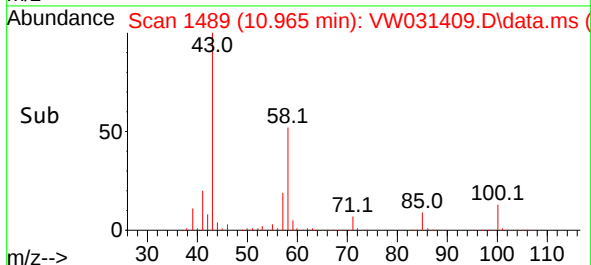


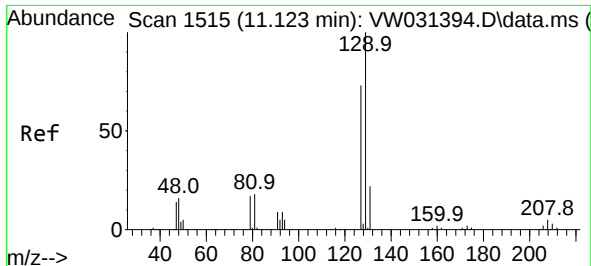
#48
2-Hexanone
Concen: 24.421 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031409.D
Acq: 20 Dec 2024 02:08



Tgt Ion: 43 Resp: 78745

Ion	Ratio	Lower	Upper
43	100		
58	54.0	43.0	64.6
57	20.7	15.7	23.5
100	12.5	10.3	15.5





#49

Dibromochloromethane

Concen: 15.819 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW031409.D

Acq: 20 Dec 2024 02:08

Instrument :

MSVOA_W

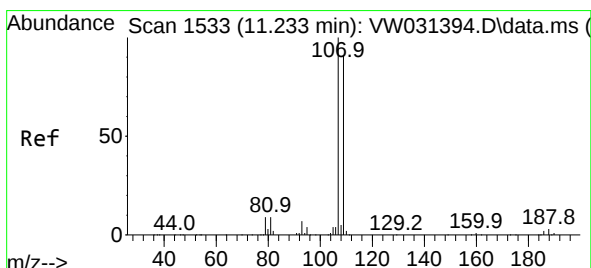
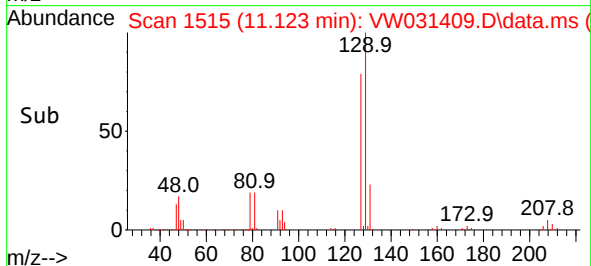
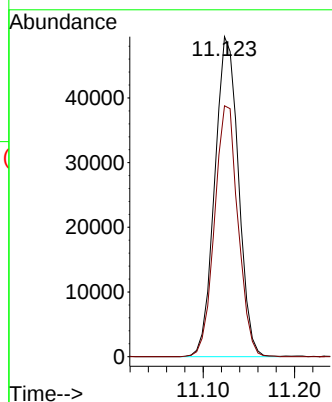
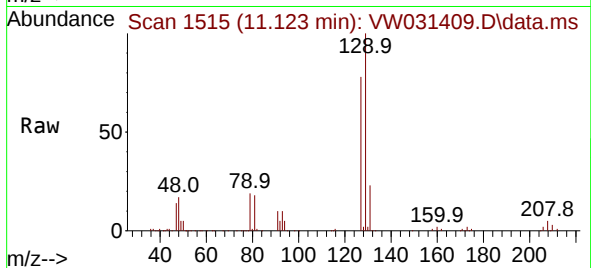
ClientSampleId :

Tgt Ion:129 Resp: 89128

Ion Ratio Lower Upper

129 100

127 78.4 57.6 107.0



#50

1,2-Dibromoethane

Concen: 17.588 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031409.D

Acq: 20 Dec 2024 02:08

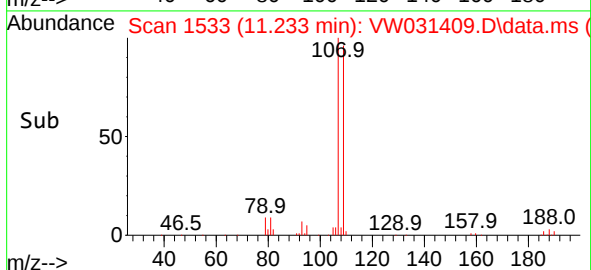
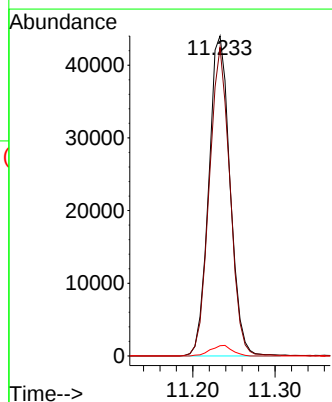
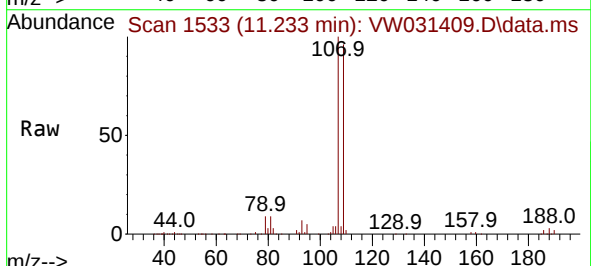
Tgt Ion:107 Resp: 79194

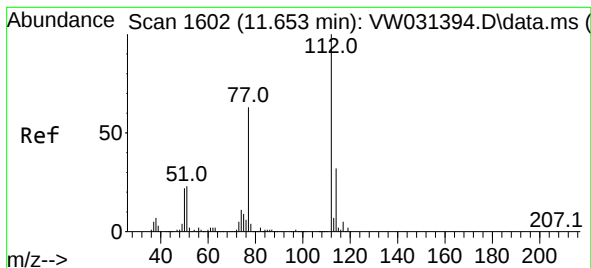
Ion Ratio Lower Upper

107 100

109 96.5 63.2 117.4

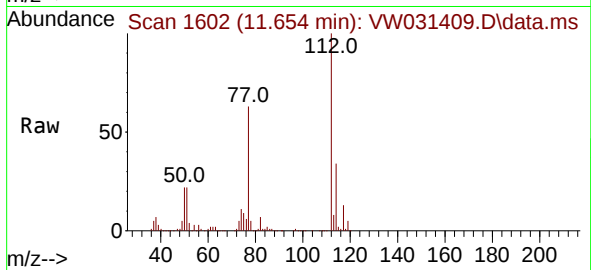
188 3.4 2.6 4.0



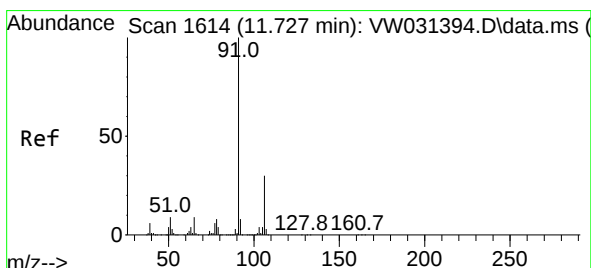
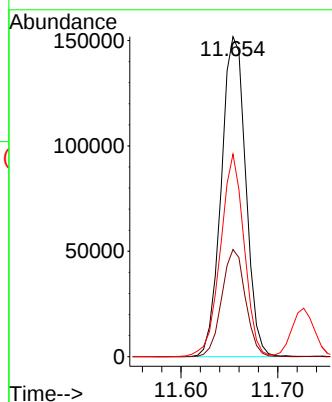
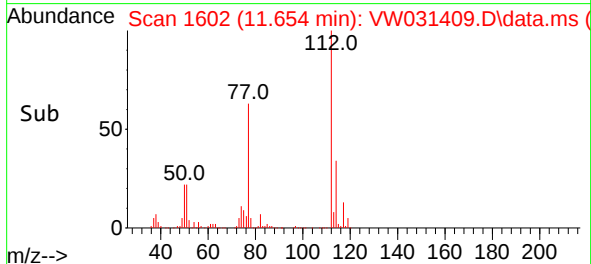


#51
Chlorobenzene
Concen: 13.598 ug/L
RT: 11.654 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031409.D
Acq: 20 Dec 2024 02:08

Instrument :
MSVOA_W
ClientSampleId :

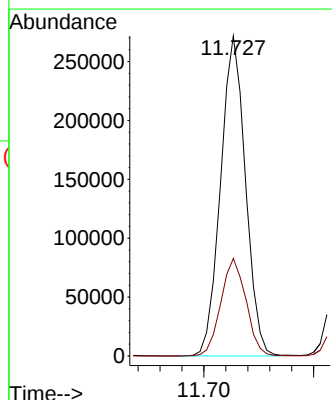
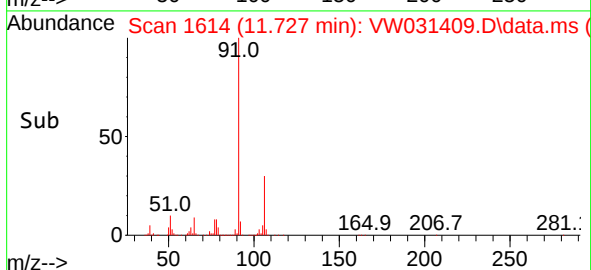
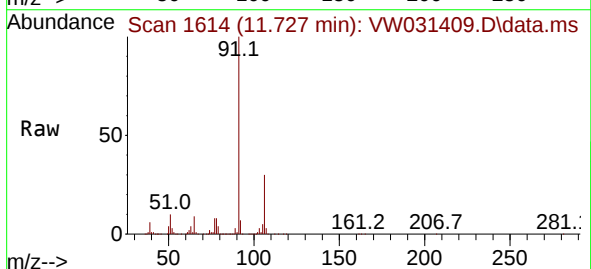


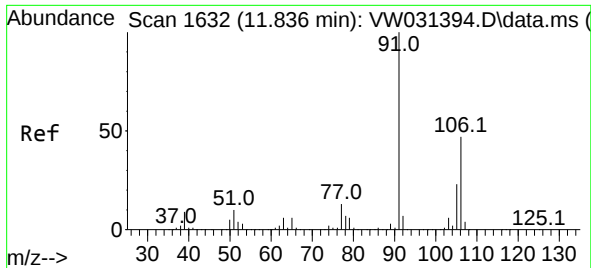
Tgt Ion:112 Resp: 265891
Ion Ratio Lower Upper
112 100
114 33.5 22.7 42.3
77 63.3 50.2 75.4



#52
Ethylbenzene
Concen: 11.857 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031409.D
Acq: 20 Dec 2024 02:08

Tgt Ion: 91 Resp: 428591
Ion Ratio Lower Upper
91 100
106 30.5 20.7 38.5

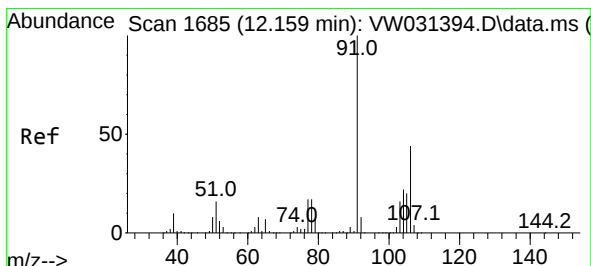
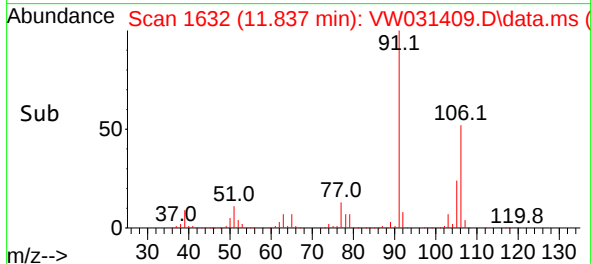
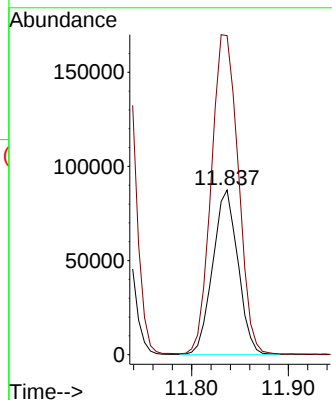
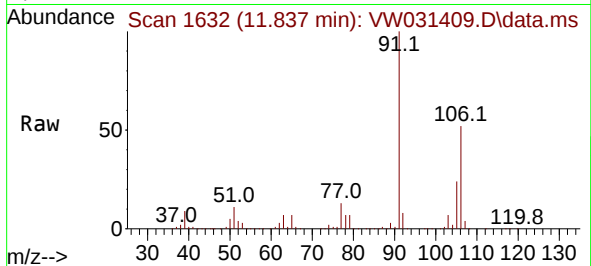




#53
m,p-Xylene
Concen: 11.539 ug/L
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031409.D
Acq: 20 Dec 2024 02:08

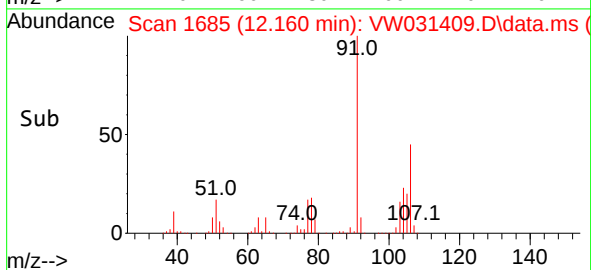
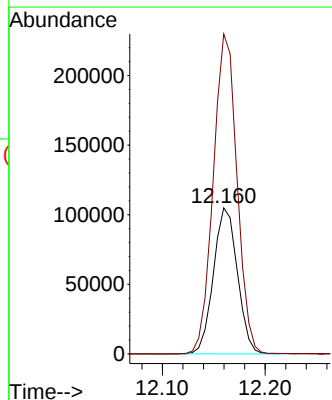
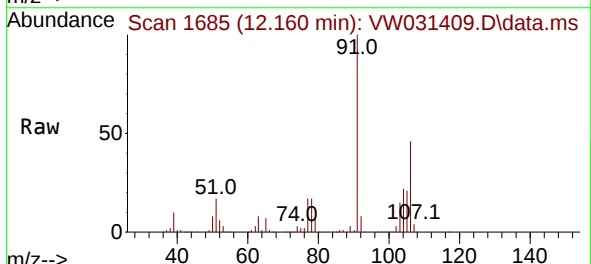
Instrument :
MSVOA_W
ClientSampleId :

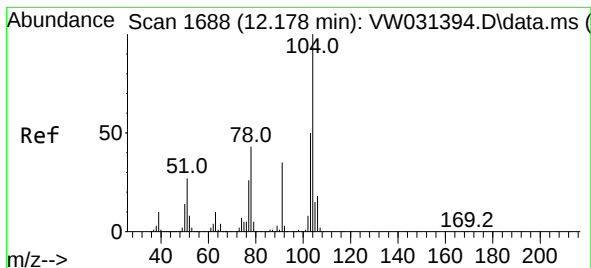
Tgt Ion:106 Resp: 158771
Ion Ratio Lower Upper
106 100
91 193.7 139.9 259.7



#54
o-Xylene
Concen: 13.083 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031409.D
Acq: 20 Dec 2024 02:08

Tgt Ion:106 Resp: 169664
Ion Ratio Lower Upper
106 100
91 218.9 153.1 284.3





#55

Styrene

Concen: 12.753 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031409.D

Acq: 20 Dec 2024 02:08

Instrument :

MSVOA_W

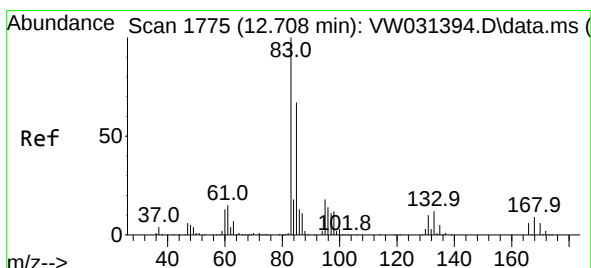
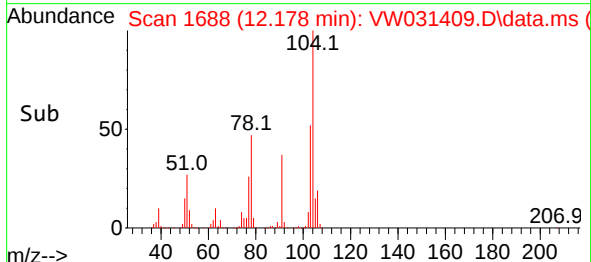
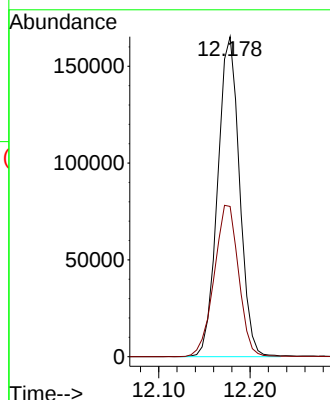
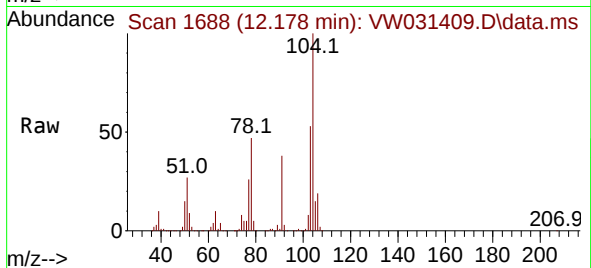
ClientSampleId :

Tgt Ion:104 Resp: 275095

Ion Ratio Lower Upper

104 100

78 47.0 31.4 58.4



#57

1,1,2,2-Tetrachloroethane

Concen: 20.276 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW031409.D

Acq: 20 Dec 2024 02:08

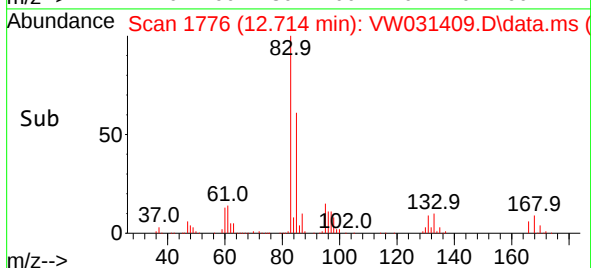
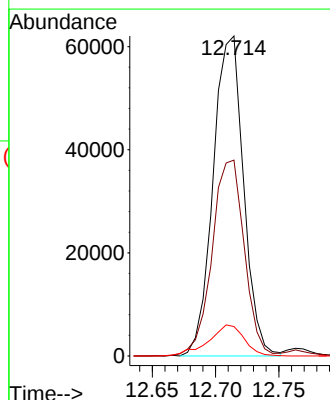
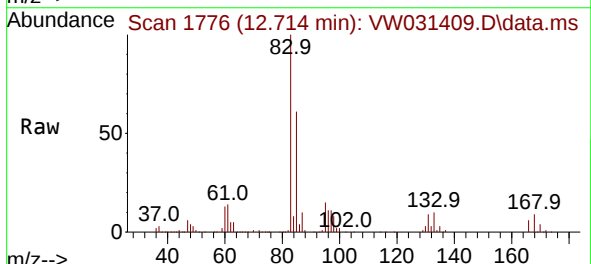
Tgt Ion: 83 Resp: 103892

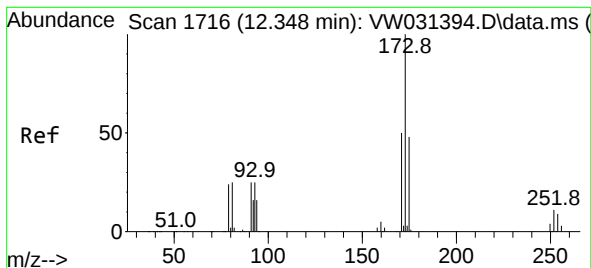
Ion Ratio Lower Upper

83 100

85 61.2 44.1 81.9

131 9.2 7.9 11.9





#59

Bromoform

Concen: 17.679 ug/L

RT: 12.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031409.D

Acq: 20 Dec 2024 02:08

Instrument :

MSVOA_W

ClientSampleId :

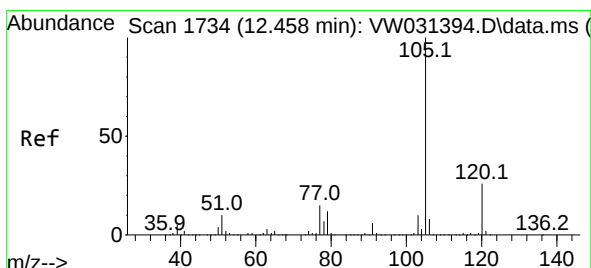
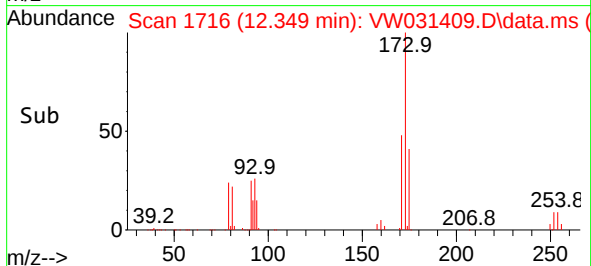
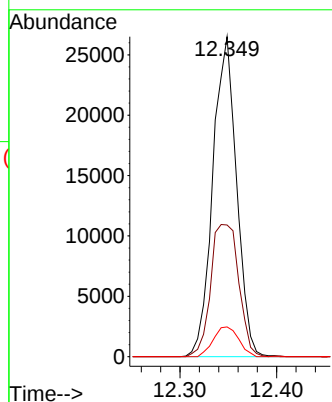
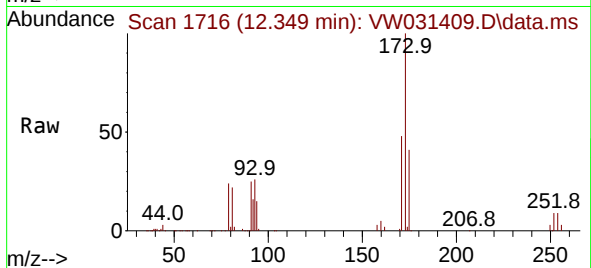
Tgt Ion:173 Resp: 45221

Ion Ratio Lower Upper

173 100

175 32.1 38.6 57.8#

254 10.0 7.6 11.4



#60

Isopropylbenzene

Concen: 12.845 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW031409.D

Acq: 20 Dec 2024 02:08

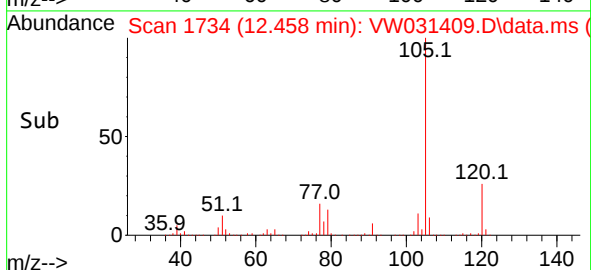
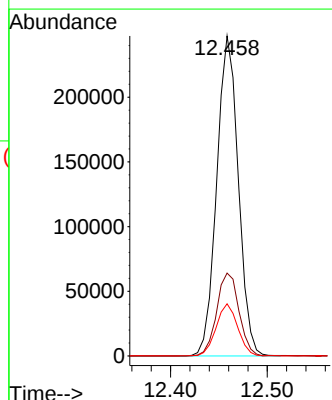
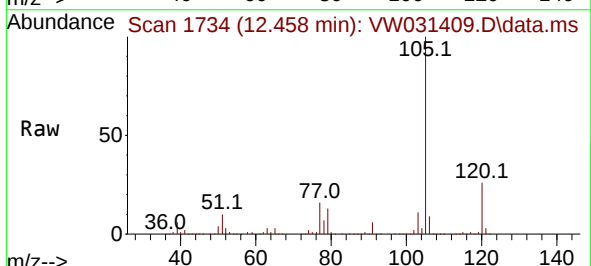
Tgt Ion:105 Resp: 382743

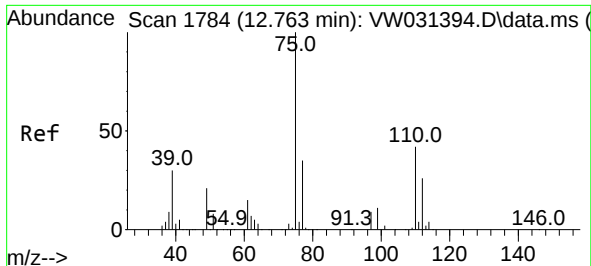
Ion Ratio Lower Upper

105 100

120 26.7 20.6 31.0

77 16.3 12.8 19.2





#61

1,2,3-Trichloropropane

Concen: 24.831 ug/L

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031409.D

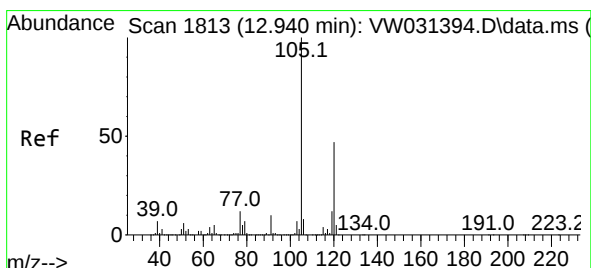
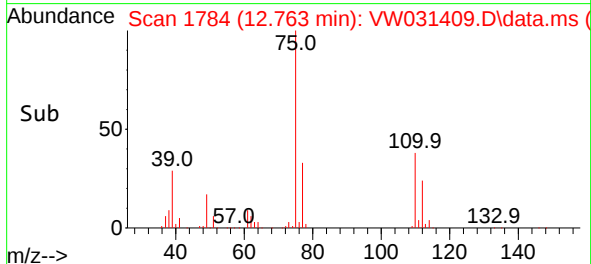
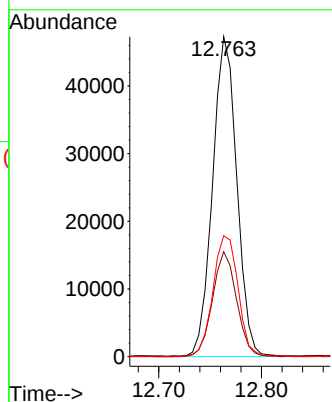
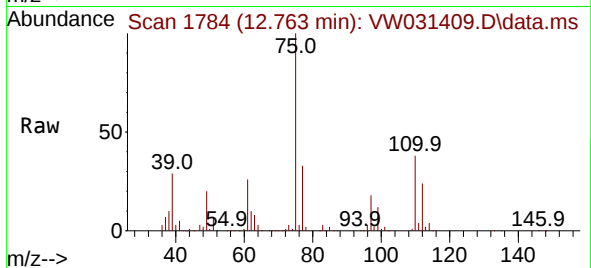
Acq: 20 Dec 2024 02:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	77366
Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.3	37.9
110	39.2	31.2	46.8



#62

1,3,5-Trimethylbenzene

Concen: 12.783 ug/L

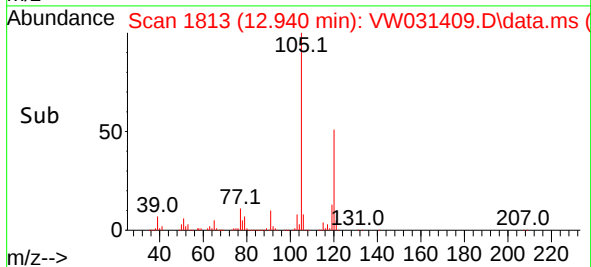
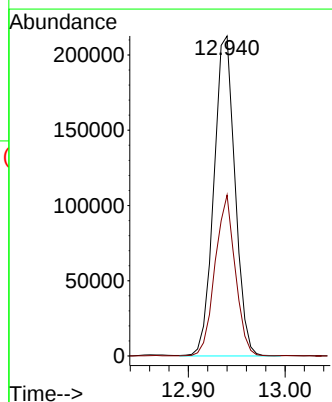
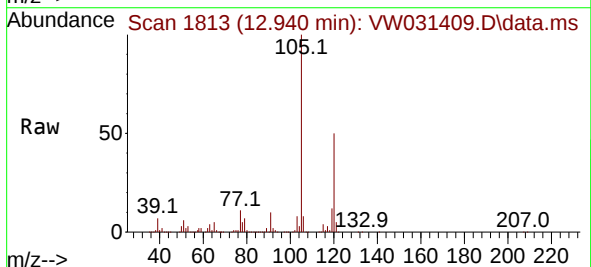
RT: 12.940 min Scan# 1813

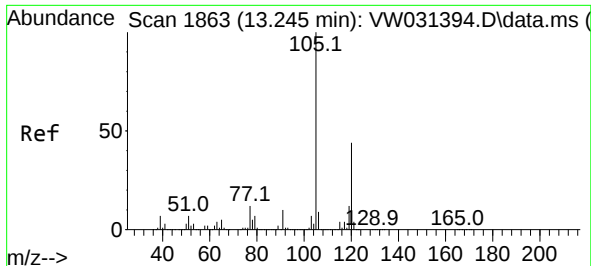
Delta R.T. 0.000 min

Lab File: VW031409.D

Acq: 20 Dec 2024 02:08

Tgt Ion:	105	Resp:	322927
Ion	Ratio	Lower	Upper
105	100		
120	48.2	37.3	55.9

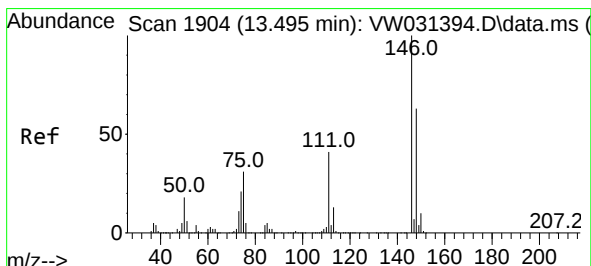
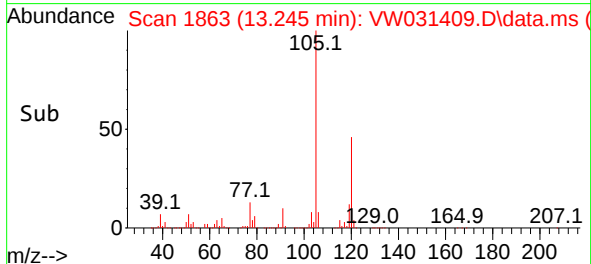
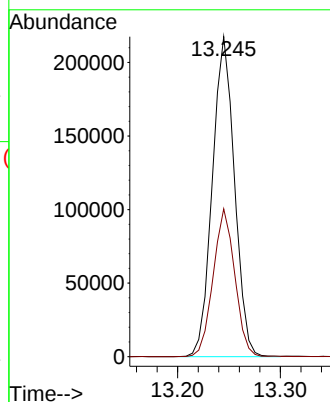
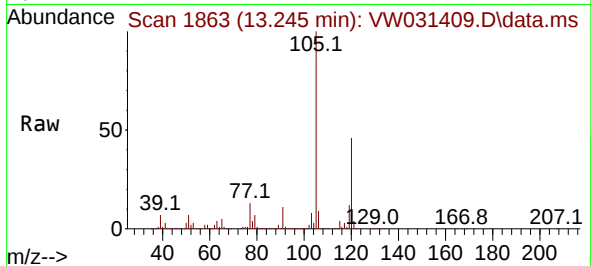




#63
1,2,4-Trimethylbenzene
Concen: 13.313 ug/L
RT: 13.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031409.D
Acq: 20 Dec 2024 02:08

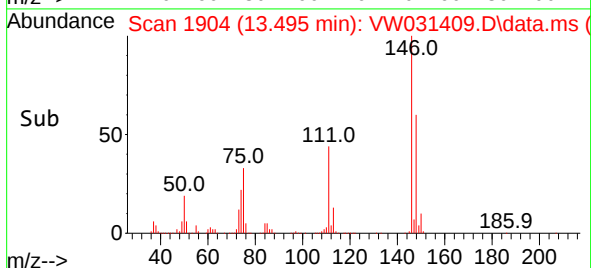
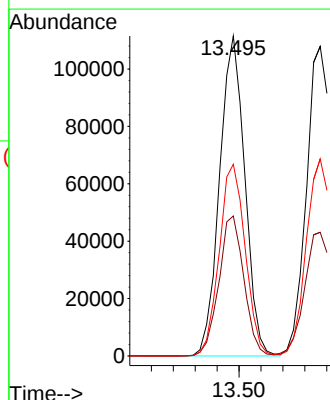
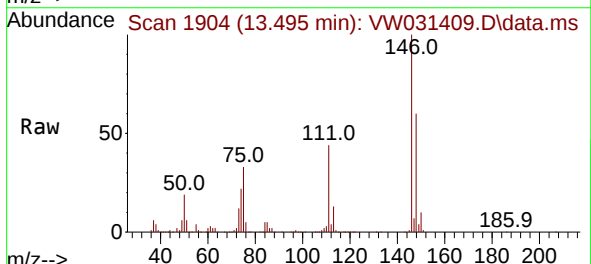
Instrument :
MSVOA_W
ClientSampleId :

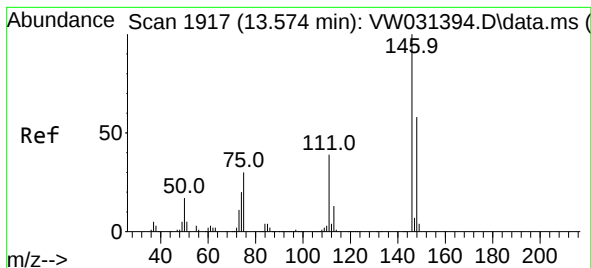
Tgt Ion:105 Resp: 325060
Ion Ratio Lower Upper
105 100
120 45.1 35.0 52.4



#64
1,3-Dichlorobenzene
Concen: 14.783 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031409.D
Acq: 20 Dec 2024 02:08

Tgt Ion:146 Resp: 178467
Ion Ratio Lower Upper
146 100
111 43.7 27.6 51.2
148 59.9 41.0 76.2





#65

1,4-Dichlorobenzene

Concen: 14.652 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031409.D

Acq: 20 Dec 2024 02:08

Instrument :

MSVOA_W

ClientSampleId :

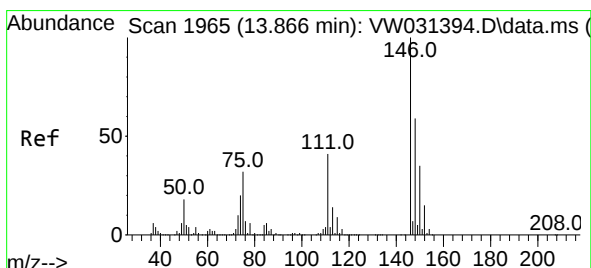
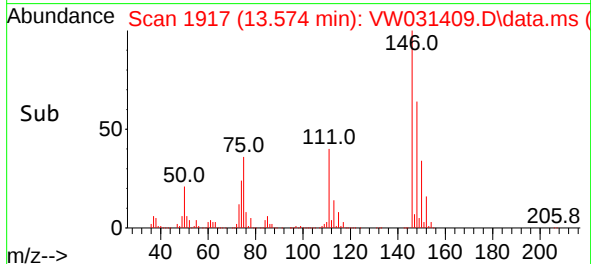
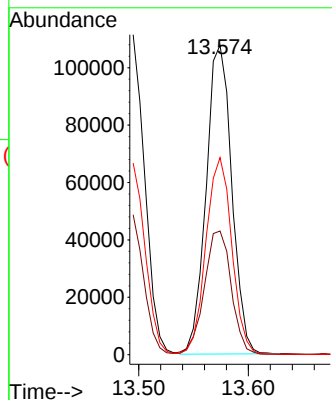
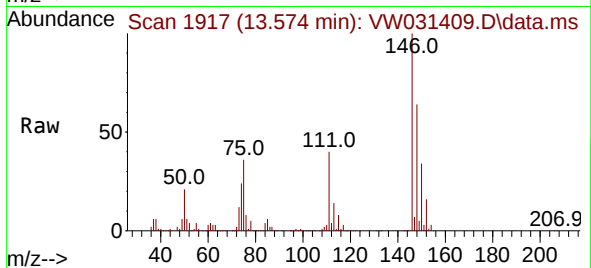
Tgt Ion:146 Resp: 175263

Ion Ratio Lower Upper

146 100

111 39.9 30.7 56.9

148 63.7 46.5 86.3



#67

1,2-Dichlorobenzene

Concen: 16.089 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031409.D

Acq: 20 Dec 2024 02:08

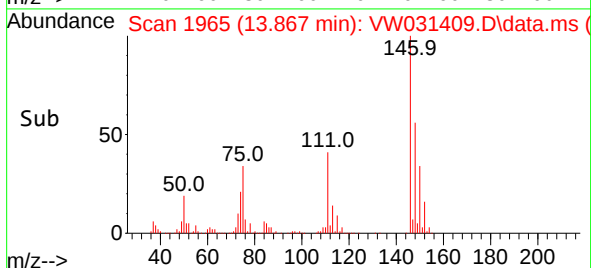
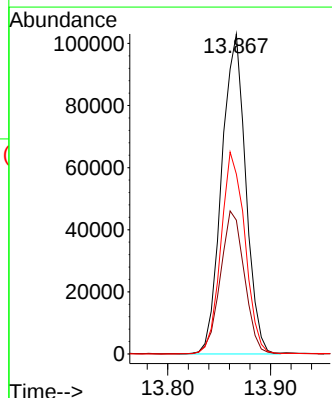
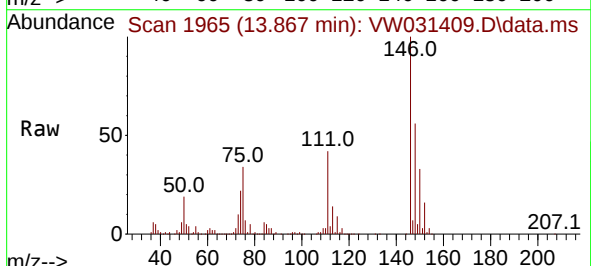
Tgt Ion:146 Resp: 167355

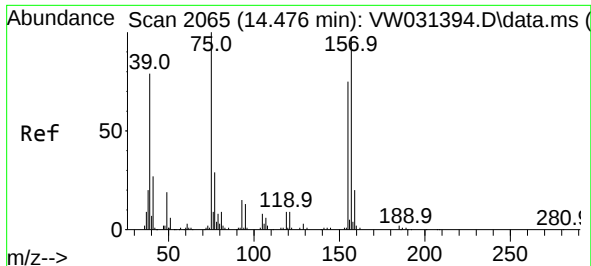
Ion Ratio Lower Upper

146 100

111 41.8 38.6 58.0

148 56.2 53.6 80.4





#68

1,2-Dibromo-3-chloropropane

Concen: 19.460 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031409.D

Acq: 20 Dec 2024 02:08

Instrument :

MSVOA_W

ClientSampleId :

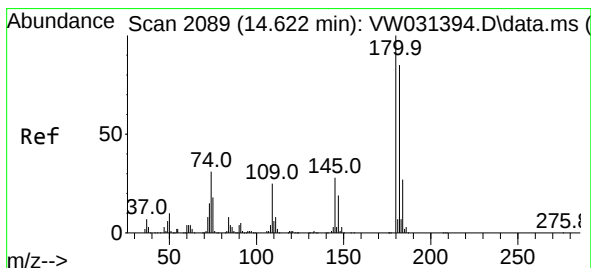
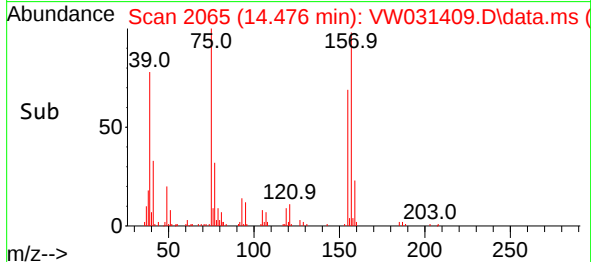
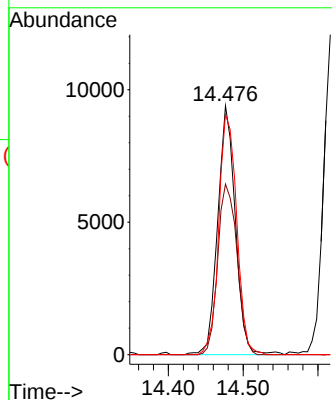
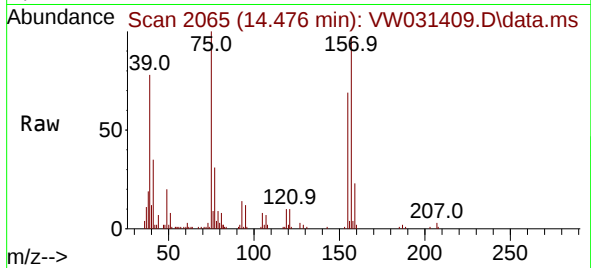
Tgt Ion: 75 Resp: 15387

Ion Ratio Lower Upper

75 100

155 68.6 56.6 85.0

157 96.6 71.2 106.8



#69

1,3,5-Trichlorobenzene

Concen: 11.709 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW031409.D

Acq: 20 Dec 2024 02:08

Tgt Ion:180 Resp: 98999

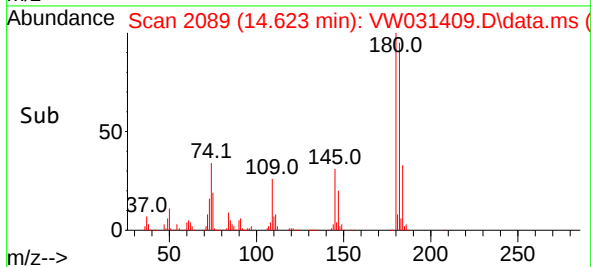
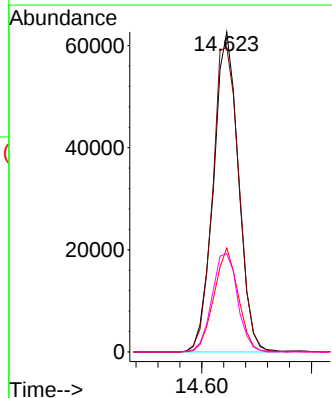
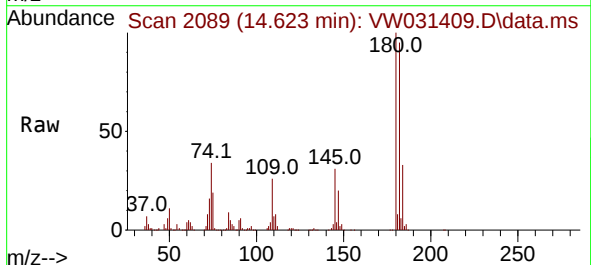
Ion Ratio Lower Upper

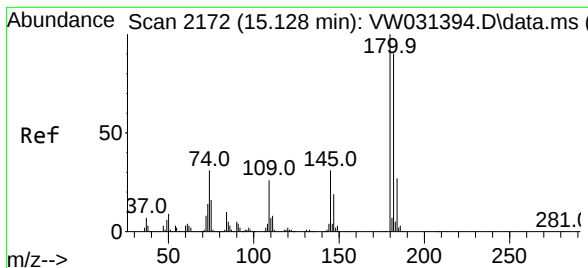
180 100

182 100.3 75.0 112.4

184 31.5 24.6 36.8

145 31.6 25.7 38.5





#70

1,2,4-trichlorobenzene

Concen: 12.918 ug/L

RT: 15.123 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW031409.D

Acq: 20 Dec 2024 02:08

Instrument :

MSVOA_W

ClientSampleId :

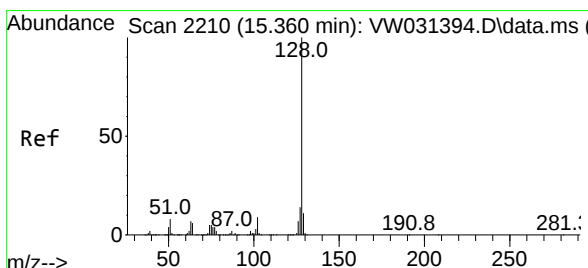
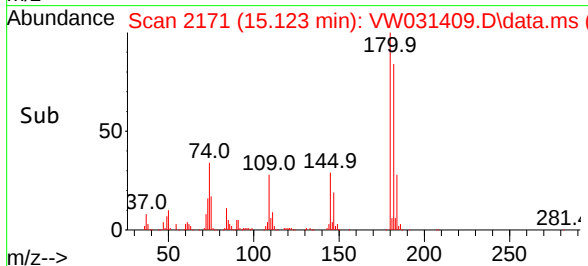
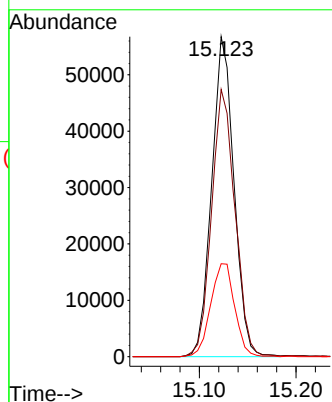
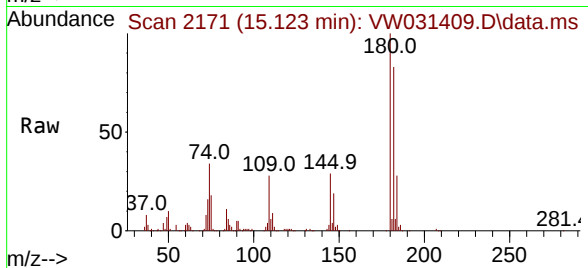
Tgt Ion:180 Resp: 90856

Ion Ratio Lower Upper

180 100

182 87.7 78.2 117.2

145 31.2 26.7 40.1



#71

Naphthalene

Concen: 17.210 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. -0.006 min

Lab File: VW031409.D

Acq: 20 Dec 2024 02:08

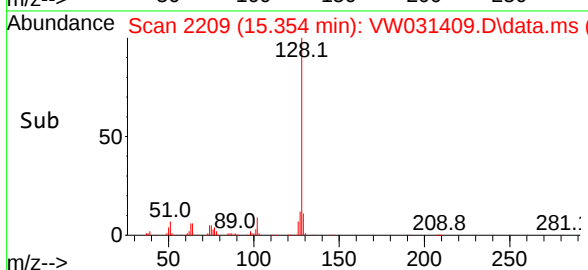
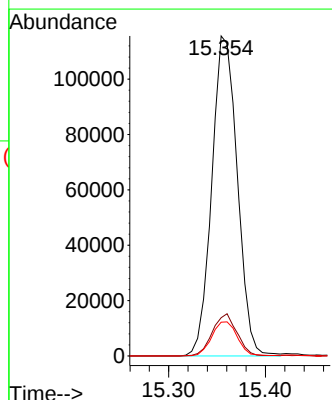
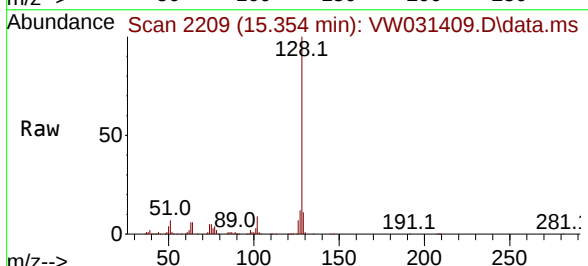
Tgt Ion:128 Resp: 212210

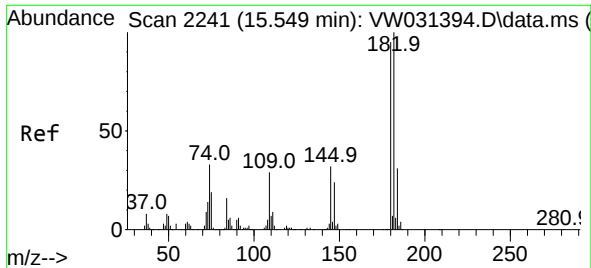
Ion Ratio Lower Upper

128 100

127 12.7 10.7 16.1

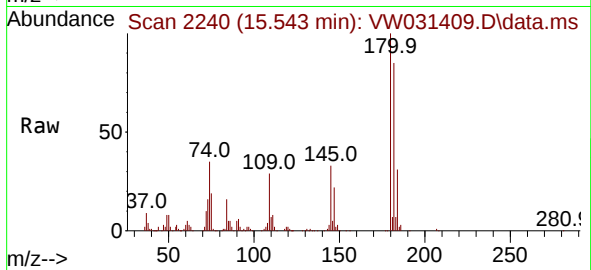
129 10.7 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 13.648 ug/L
 RT: 15.543 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031409.D
 Acq: 20 Dec 2024 02:08

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	77341
Ion Ratio	Lower	Upper	
180	100		
182	92.6	75.0	112.4
145	34.3	27.8	41.6

