

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
 Data File : VW031498.D
 Acq On : 23 Dec 2024 09:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 24 00:02:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 23 01:56:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	565001	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	493623	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	231386	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	185293	21.796	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.200%
7) Chloroethane-d5	2.899	69	153190	24.360	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.440%
11) 1,1-Dichloroethene-d2	4.027	65	82358	20.424	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.680%
21) 2-Butanone-d5	7.111	46	56909	35.547	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.100%
24) Chloroform-d	7.654	84	350749	22.657	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.640%
26) 1,2-Dichloroethane-d4	8.312	65	165010	21.224	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.880%
32) Benzene-d6	8.276	84	683760	21.612	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.440%
36) 1,2-Dichloropropane-d6	9.276	67	200967	21.795	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.160%
41) Toluene-d8	10.324	98	622712	21.157	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.640%
43) trans-1,3-Dichloroprop...	10.580	79	72532	17.060	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.240%
47) 2-Hexanone-d5	10.928	63	42820	34.531	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	119304	20.607	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	195188	22.723	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	152957	29.955	ug/L	99
3) Chloromethane	2.222	50	160554	27.988	ug/L	99
5) Vinyl chloride	2.368	62	238516	30.003	ug/L	98
6) Bromomethane	2.795	94	148468	30.377	ug/L	99
8) Chloroethane	2.935	64	151005	31.940	ug/L	97
9) Trichlorofluoromethane	3.271	101	273292	32.269	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	195510	28.588	ug/L #	72
12) 1,1-Dichloroethene	4.051	96	186767	26.964	ug/L #	79
13) Acetone	4.203	43	78732	35.312	ug/L #	100
14) Carbon disulfide	4.392	76	503507	22.290	ug/L	99
15) Methyl Acetate	4.697	43	48894	19.308	ug/L	98
16) Methylene chloride	4.929	84	177317	24.943	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	198085	26.531	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	286002	22.914	ug/L	98
19) 1,1-Dichloroethane	6.227	63	369467	26.482	ug/L	98
20) cis-1,2-Dichloroethene	7.179	96	217457	26.920	ug/L	94
22) 2-Butanone	7.209	43	89864	33.264	ug/L	99
23) Bromochloromethane	7.526	128	82806	25.703	ug/L	82
25) Chloroform	7.678	83	380883	27.661	ug/L	97

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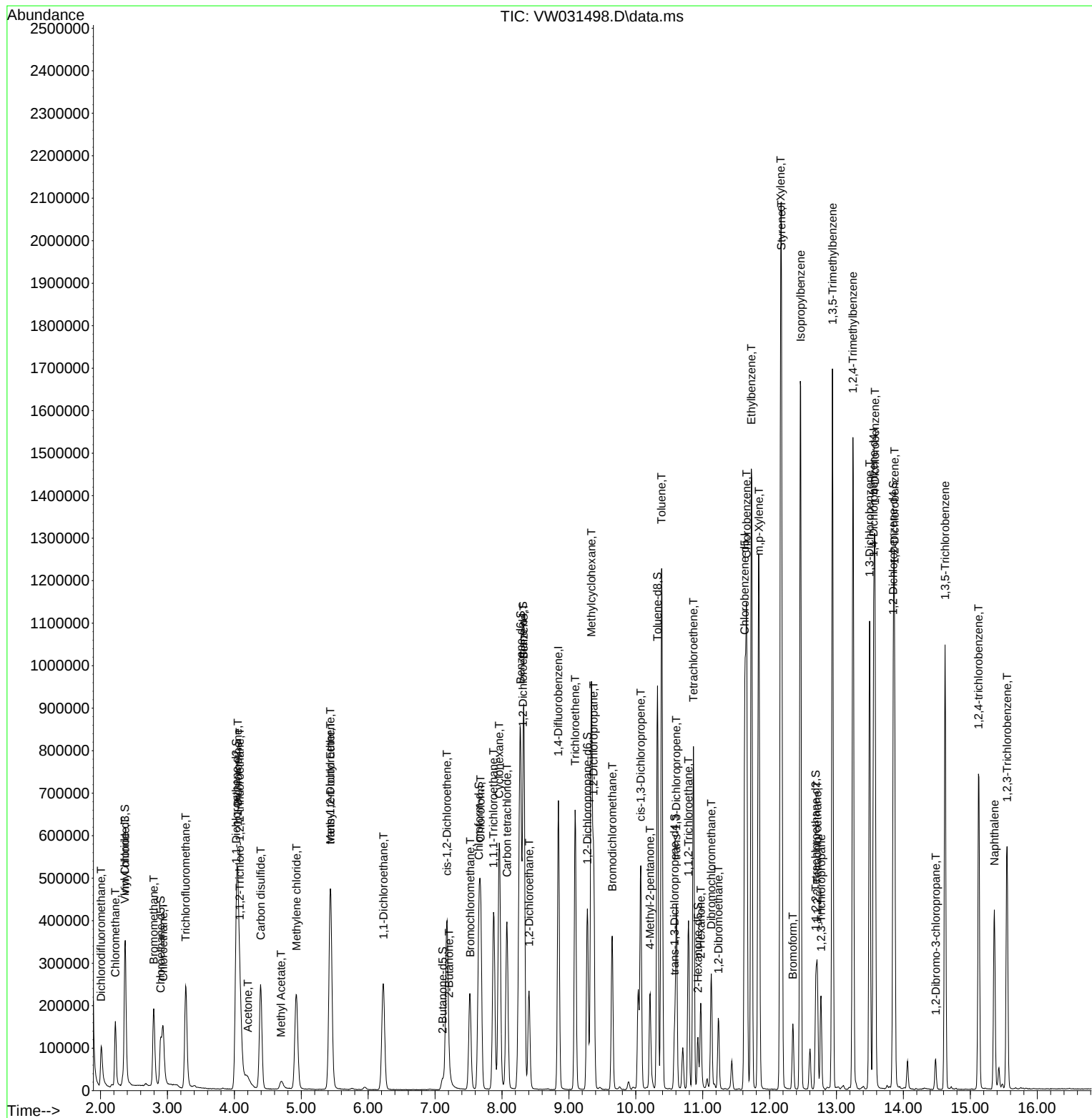
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	217343	25.107	ug/L	99
29) Cyclohexane	7.959	56	336436	25.132	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	331870	26.011	ug/L	98
31) Carbon tetrachloride	8.075	117	291172	25.616	ug/L	100
33) Benzene	8.325	78	814199	26.691	ug/L	100
34) Trichloroethene	9.093	95	231368	26.865	ug/L	98
35) Methylcyclohexane	9.337	83	398710	26.584	ug/L	96
37) 1,2-Dichloropropane	9.367	63	198800	26.124	ug/L	99
38) Bromodichloromethane	9.648	83	246616	24.928	ug/L	97
39) cis-1,3-Dichloropropene	10.074	75	304762	23.700	ug/L	99
40) 4-Methyl-2-pentanone	10.215	43	151531	37.532	ug/L	99
42) Toluene	10.385	91	907020	27.310	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	232529	22.146	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	124436	24.584	ug/L	94
46) Tetrachloroethene	10.861	164	176158	27.925	ug/L	93
48) 2-Hexanone	10.971	43	129703	37.773	ug/L	98
49) Dibromochloromethane	11.129	129	138102	23.017	ug/L	96
50) 1,2-Dibromoethane	11.233	107	114526	23.884	ug/L	98
51) Chlorobenzene	11.653	112	565417	27.153	ug/L	100
52) Ethylbenzene	11.727	91	1056170	27.439	ug/L	97
53) m,p-Xylene	11.842	106	396109	27.032	ug/L	97
54) o-Xylene	12.165	106	383869	27.796	ug/L	91
55) Styrene	12.178	104	632268	27.524	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	127716	23.406	ug/L	94
59) Bromoform	12.348	173	69919	21.510	ug/L	99
60) Isopropylbenzene	12.464	105	1084543	28.642	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	92792	23.436	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	868608	27.057	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	845725	27.257	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	425031	27.705	ug/L	88
65) 1,4-Dichlorobenzene	13.574	146	433029	28.488	ug/L	92
67) 1,2-Dichlorobenzene	13.866	146	369385	27.945	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	18183	18.096	ug/L	96
69) 1,3,5-Trichlorobenzene	14.622	180	306191	28.497	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	235167	26.311	ug/L	96
71) Naphthalene	15.360	128	369498	23.580	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	195711	27.178	ug/L	98

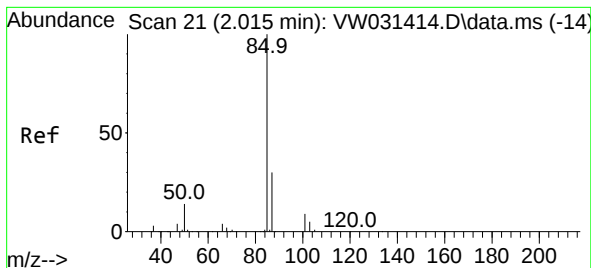
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 29.955 ug/L

RT: 2.009 min Scan# 20

Delta R.T. -0.006 min

Lab File: VW031498.D

Acq: 23 Dec 2024 09:27

Instrument :

MSVOA_W

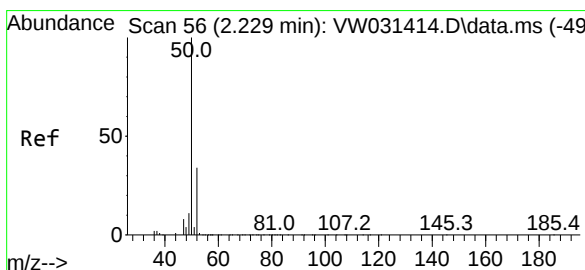
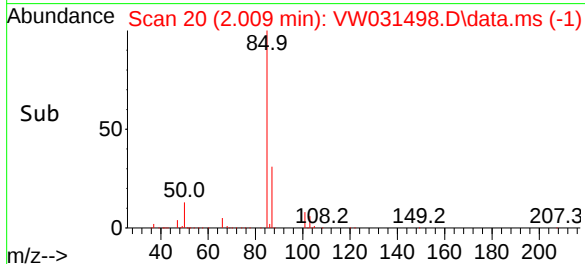
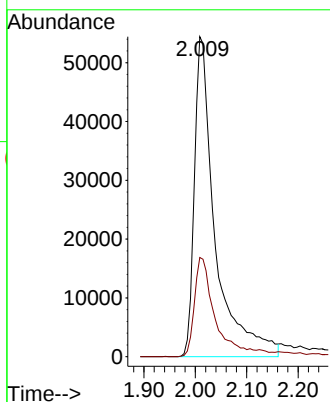
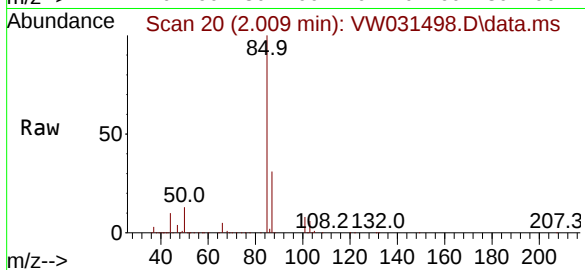
ClientSampleId :

Tgt Ion: 85 Resp: 152957

Ion Ratio Lower Upper

85 100

87 30.5 24.9 37.3



#3

Chloromethane

Concen: 27.988 ug/L

RT: 2.222 min Scan# 55

Delta R.T. 0.006 min

Lab File: VW031498.D

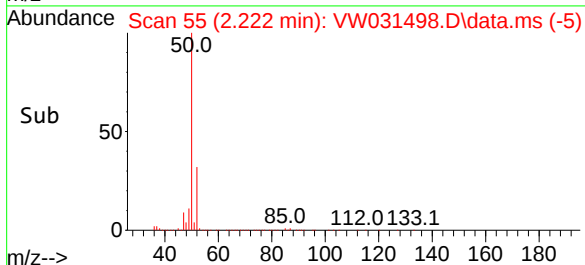
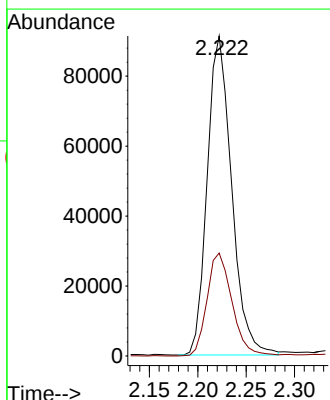
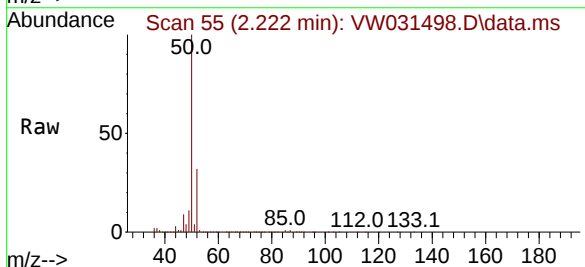
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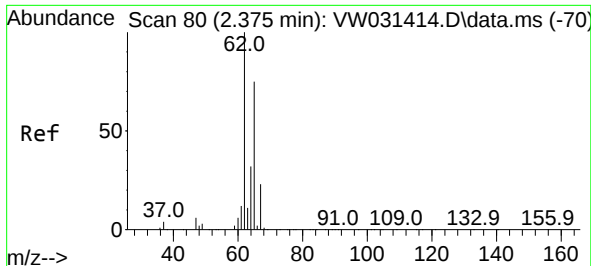
Tgt Ion: 50 Resp: 160554

Ion Ratio Lower Upper

50 100

52 32.2 22.0 41.0

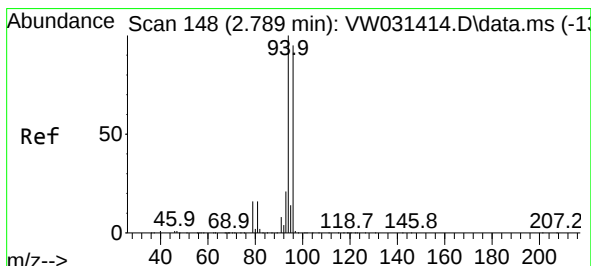
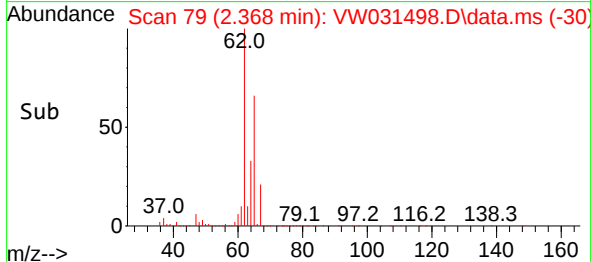
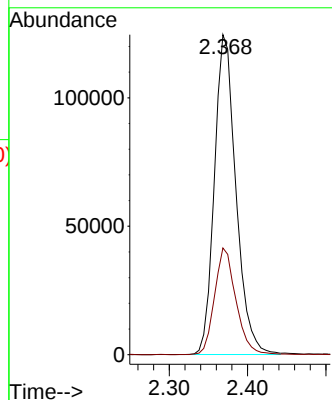
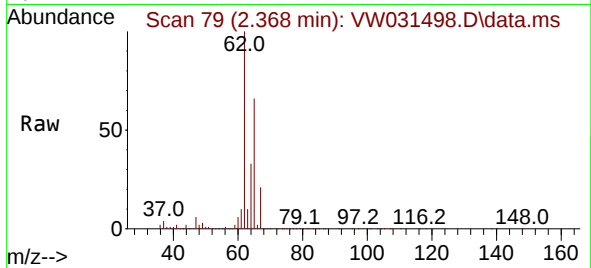




#5
 Vinyl chloride
 Concen: 30.003 ug/L
 RT: 2.368 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW031498.D
 Acq: 23 Dec 2024 09:27

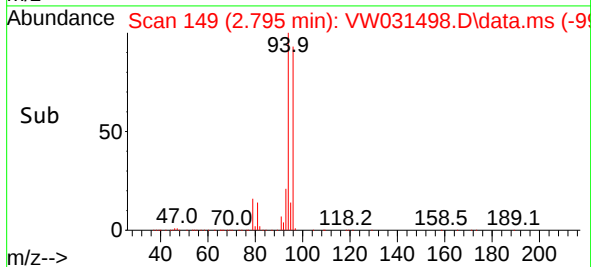
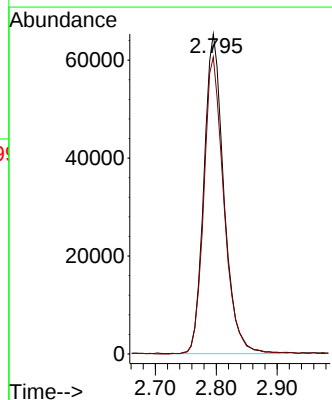
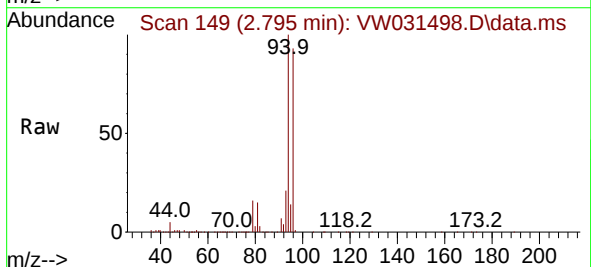
Instrument :
 MSVOA_W
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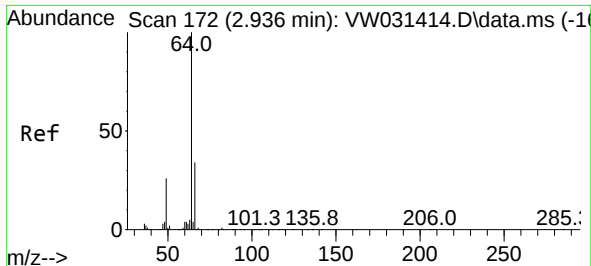
Tgt Ion: 62 Resp: 238516
 Ion Ratio Lower Upper
 62 100
 64 33.3 24.1 44.8



#6
 Bromomethane
 Concen: 30.377 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW031498.D
 Acq: 23 Dec 2024 09:27

Tgt Ion: 94 Resp: 148468
 Ion Ratio Lower Upper
 94 100
 96 92.8 65.6 121.8

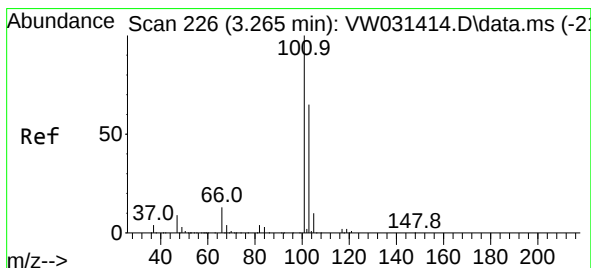
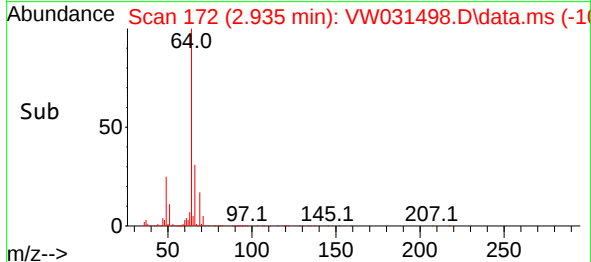
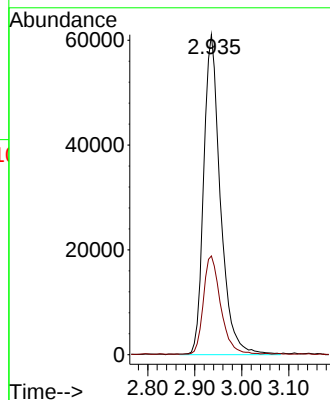
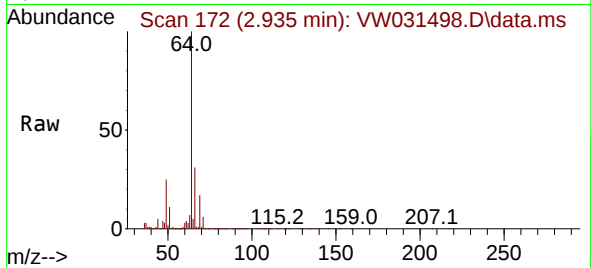




#8
Chloroethane
Concen: 31.940 ug/L
RT: 2.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

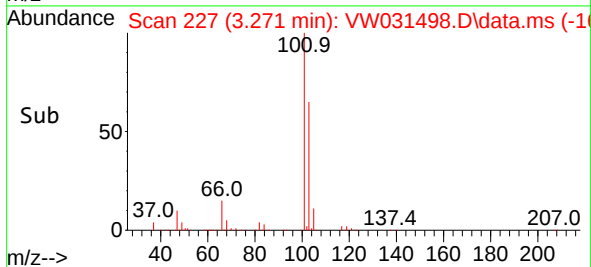
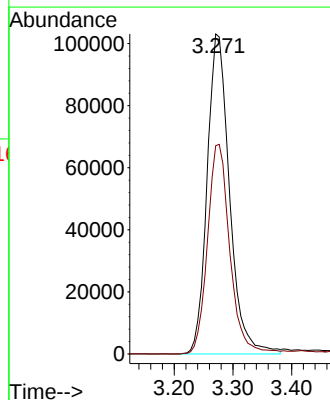
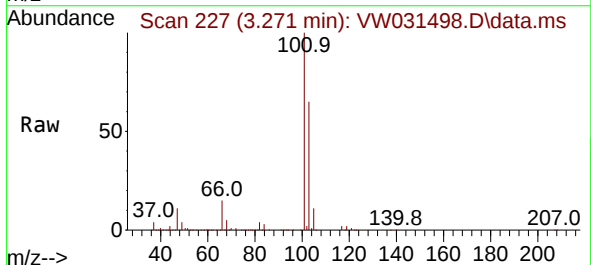
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MSVOA_W
ClientSampleId :

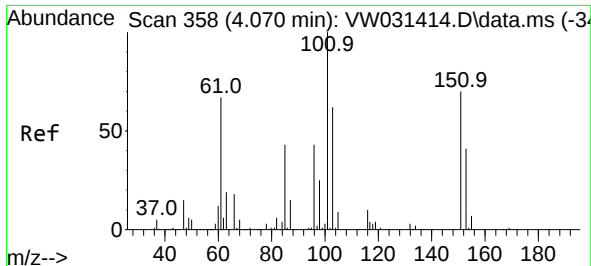
Tgt Ion: 64 Resp: 151005
Ion Ratio Lower Upper
64 100
66 30.8 22.7 42.3



#9
Trichlorofluoromethane
Concen: 32.269 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

Tgt Ion:101 Resp: 273292
Ion Ratio Lower Upper
101 100
103 65.3 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 28.588 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW031498.D

Acq: 23 Dec 2024 09:27

Instrument :

MSVOA_W

ClientSampleId :

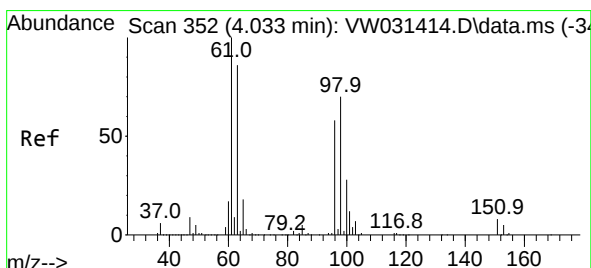
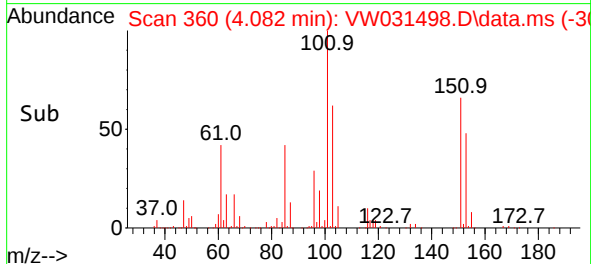
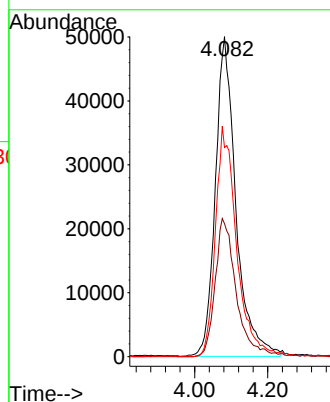
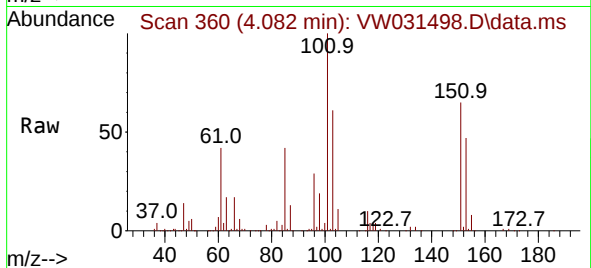
Tgt Ion:101 Resp: 195510

Ion Ratio Lower Upper

101 100

85 42.9 33.0 49.4

151 33.6 54.8 82.2#



#12

1,1-Dichloroethene

Concen: 26.964 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.012 min

Lab File: VW031498.D

Acq: 23 Dec 2024 09:27

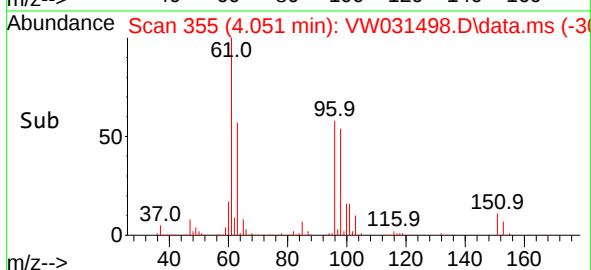
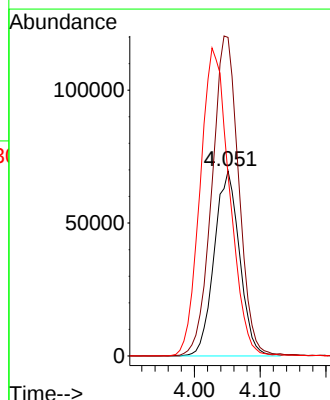
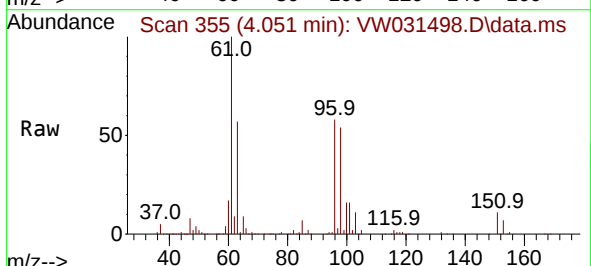
Tgt Ion: 96 Resp: 186767

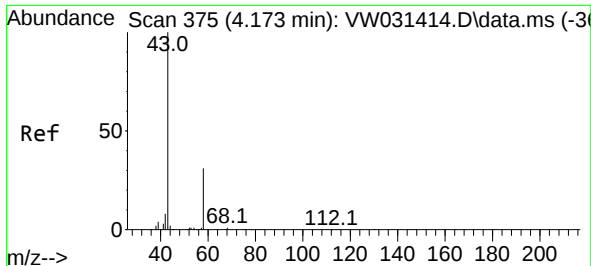
Ion Ratio Lower Upper

96 100

61 172.2 125.3 232.7

63 97.7 104.6 194.2#

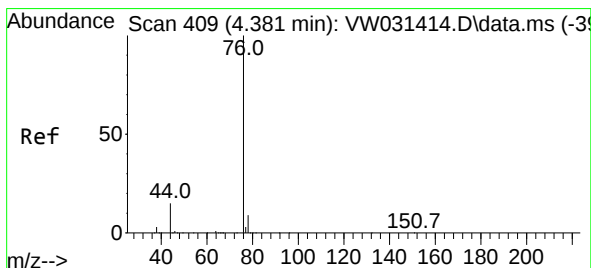
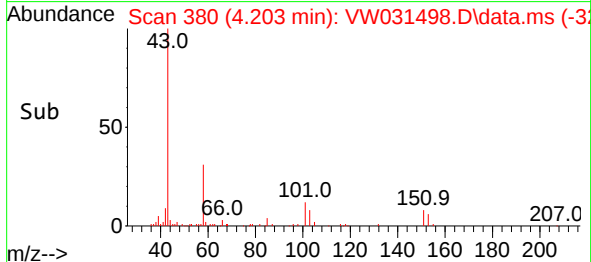
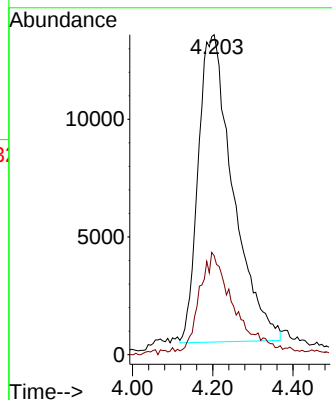
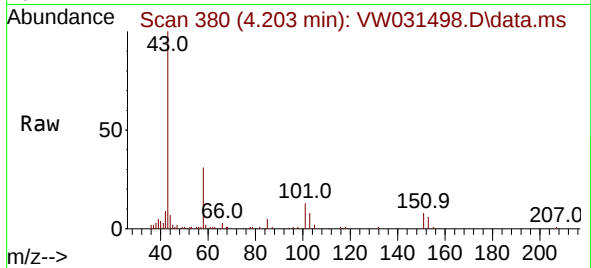




#13
Acetone
Concen: 35.312 ug/L
RT: 4.203 min Scan# 375
Delta R.T. 0.012 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

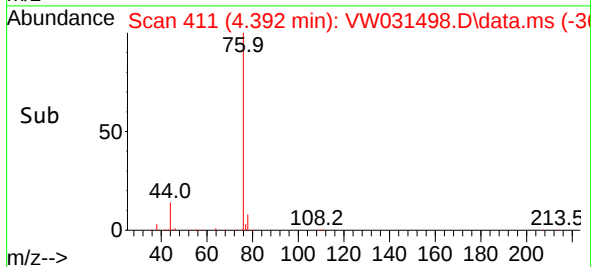
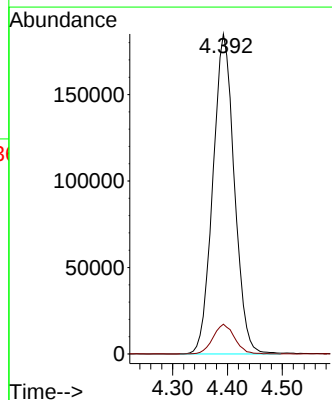
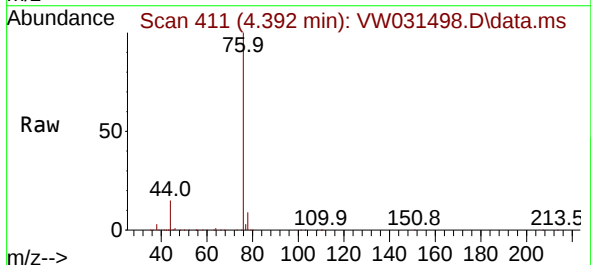
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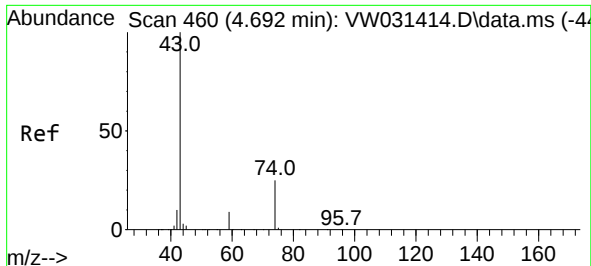
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Ion Ratio Lower Upper
43 100
58 29.8 0.0 0.0#



#14
Carbon disulfide
Concen: 22.290 ug/L
RT: 4.392 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

Tgt Ion: 76 Resp: 503507
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

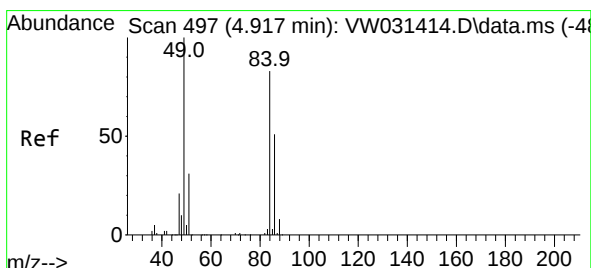
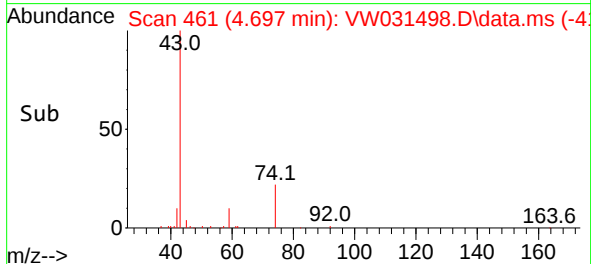
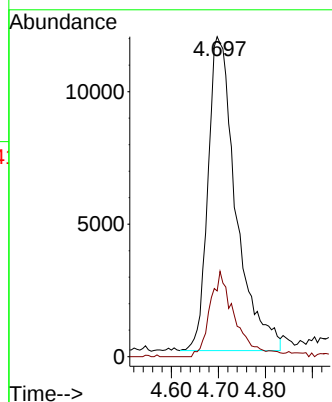
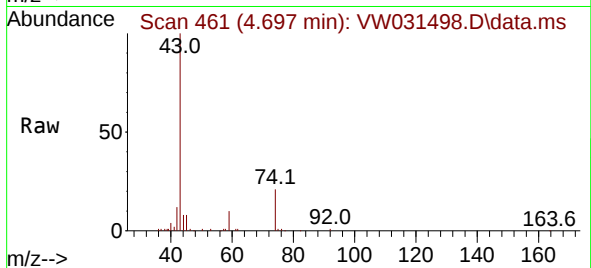




#15
Methyl Acetate
Concen: 19.308 ug/L
RT: 4.697 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

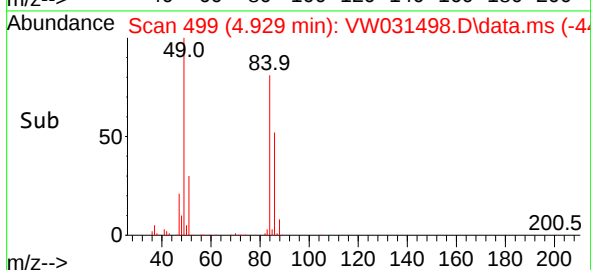
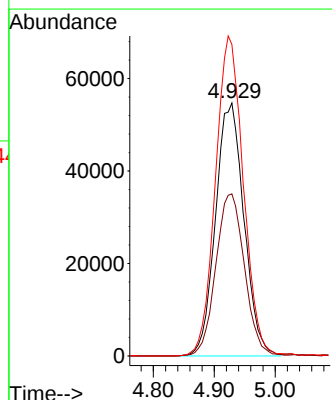
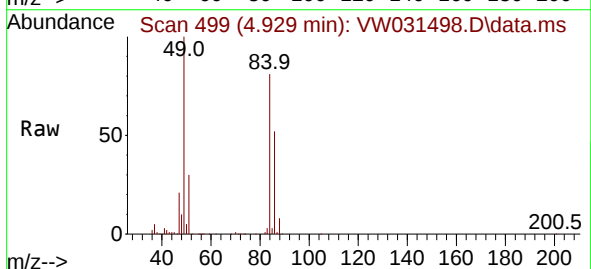
Instrument :
MSVOA_W
ClientSampleId :

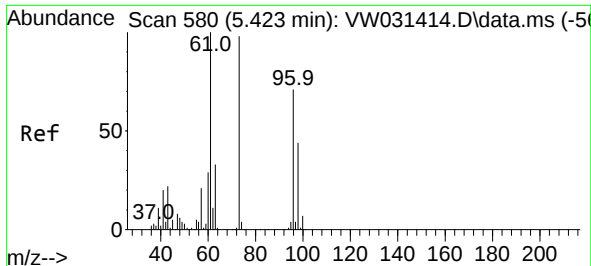
Tgt Ion: 43 Resp: 48894
Ion Ratio Lower Upper
43 100
74 22.8 18.9 28.3



#16
Methylene chloride
Concen: 24.943 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.012 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

Tgt Ion: 84 Resp: 177317
Ion Ratio Lower Upper
84 100
86 64.1 44.7 82.9
49 123.2 88.3 164.1

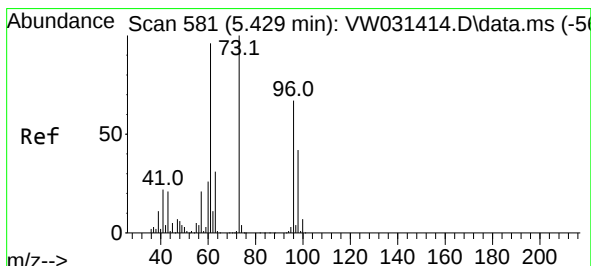
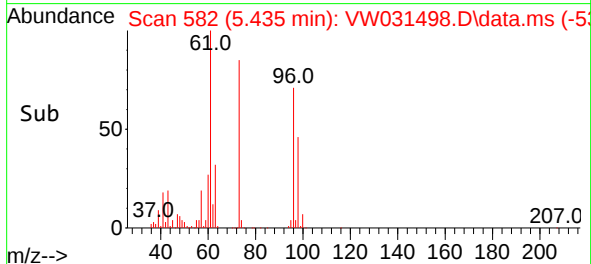
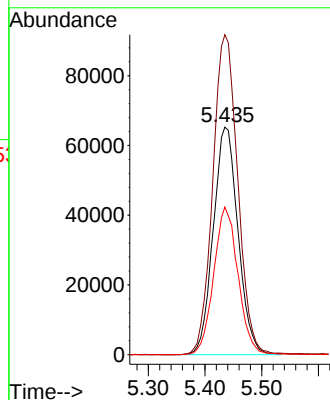
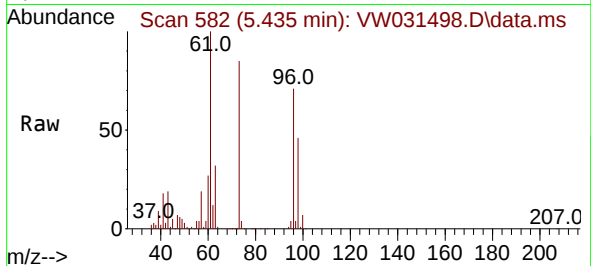




#17
trans-1,2-Dichloroethene
Concen: 26.531 ug/L
RT: 5.435 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

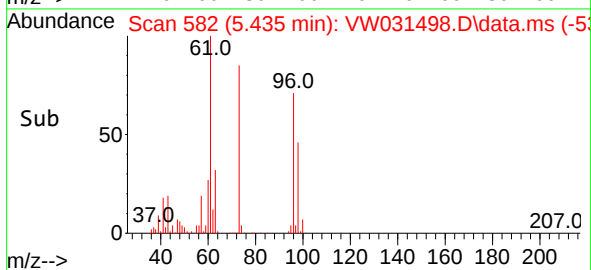
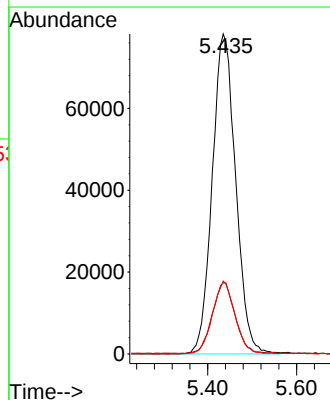
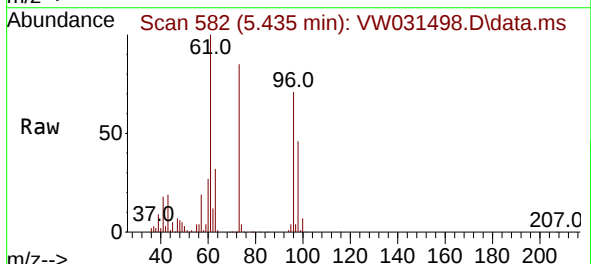
Instrument :
MSVOA_W
ClientSampleId :

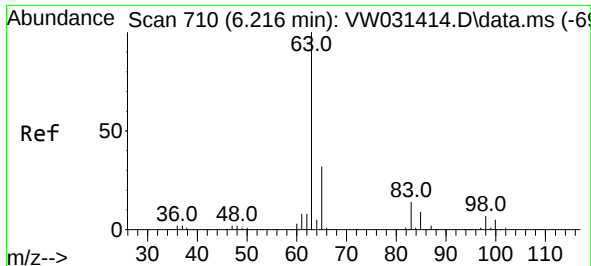
Tgt Ion: 96 Resp: 198085
Ion Ratio Lower Upper
96 100
61 140.7 100.7 187.1
98 64.9 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 22.914 ug/L
RT: 5.435 min Scan# 582
Delta R.T. -0.000 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

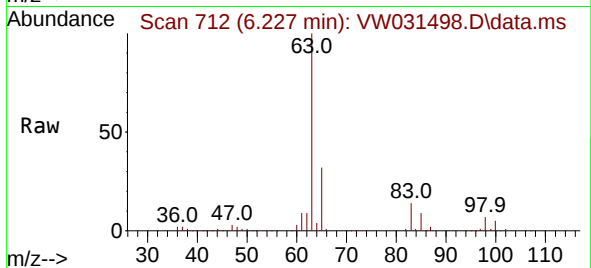
Tgt Ion: 73 Resp: 286002
Ion Ratio Lower Upper
73 100
43 21.3 17.9 26.9
57 21.7 17.9 26.9



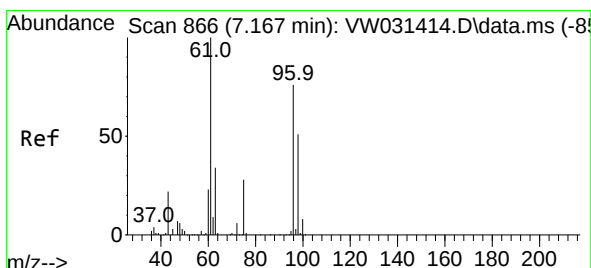
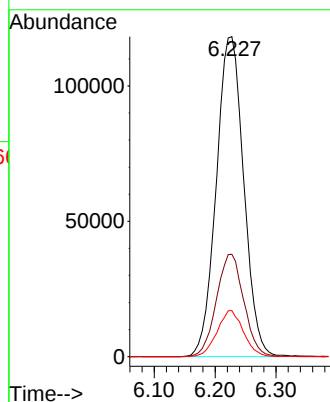
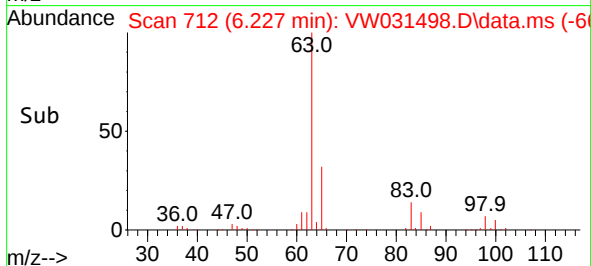


#19
1,1-Dichloroethane
Concen: 26.482 ug/L
RT: 6.227 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

Instrument :
MSVOA_W
ClientSampleId :

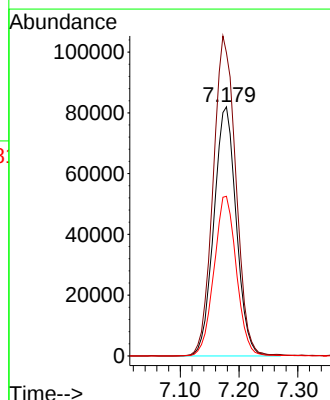
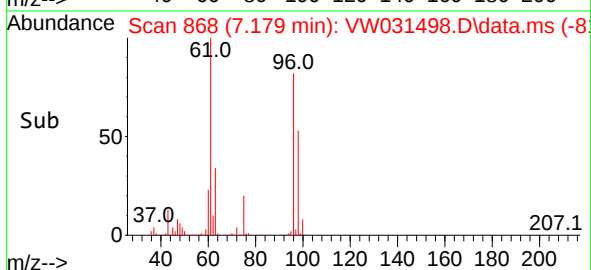
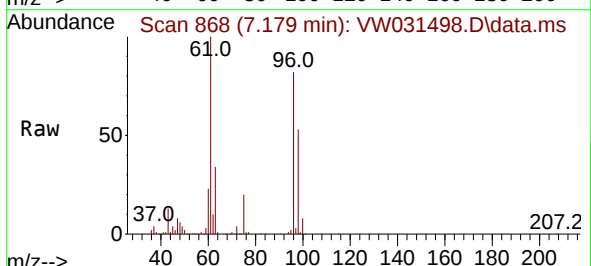


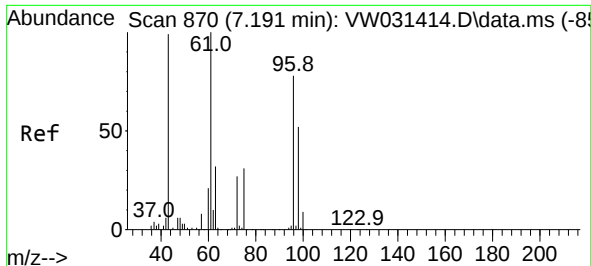
Tgt Ion: 63 Resp: 369467
Ion Ratio Lower Upper
63 100
65 32.0 21.9 40.7
83 14.4 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 26.920 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.012 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

Tgt Ion: 96 Resp: 217457
Ion Ratio Lower Upper
96 100
61 121.7 92.2 171.2
98 64.1 43.7 81.1

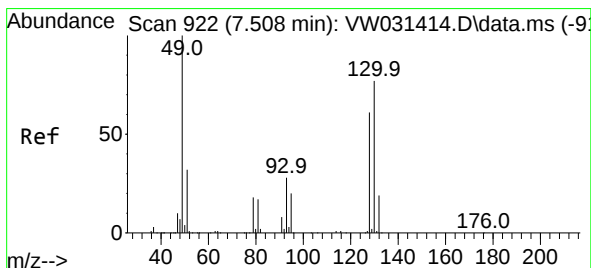
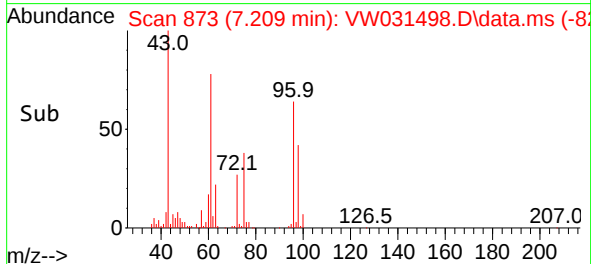
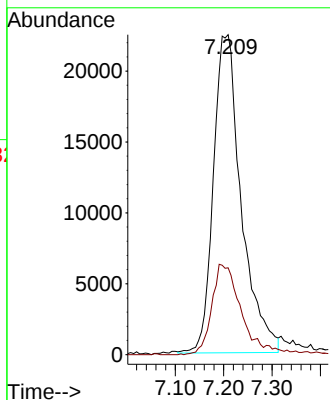
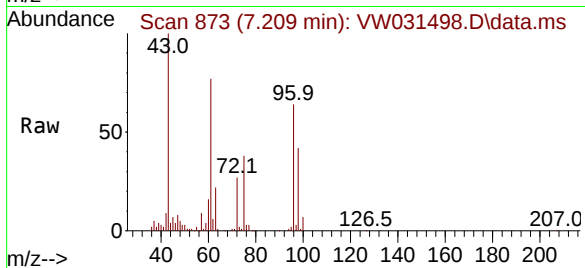




#22
2-Butanone
Concen: 33.264 ug/L
RT: 7.209 min Scan# 81
Delta R.T. 0.018 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

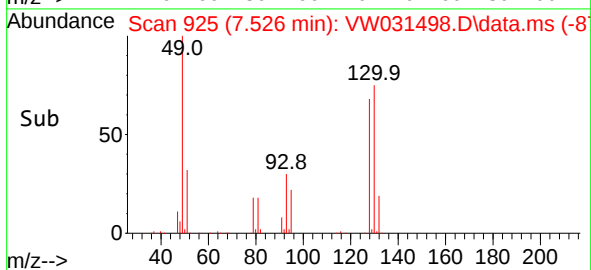
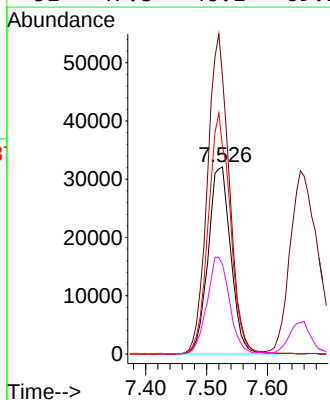
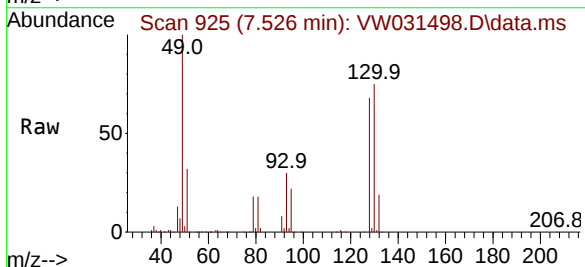
Instrument :
MSVOA_W
ClientSampleId :

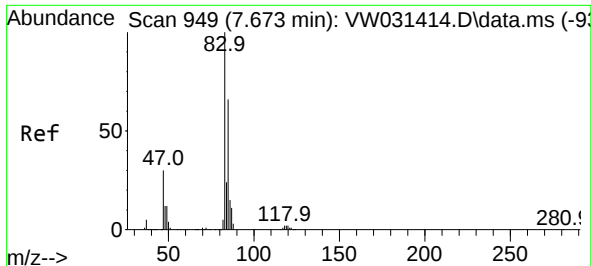
Tgt Ion: 43 Resp: 89864
Ion Ratio Lower Upper
43 100
72 27.1 13.3 39.8



#23
Bromochloromethane
Concen: 25.703 ug/L
RT: 7.526 min Scan# 925
Delta R.T. 0.012 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

Tgt Ion: 128 Resp: 82806
Ion Ratio Lower Upper
128 100
49 148.0 123.7 229.7
130 110.4 90.3 167.7
51 47.8 46.1 69.1





#25

Chloroform

Concen: 27.661 ug/L

RT: 7.678 min Scan# 91

Delta R.T. -0.000 min

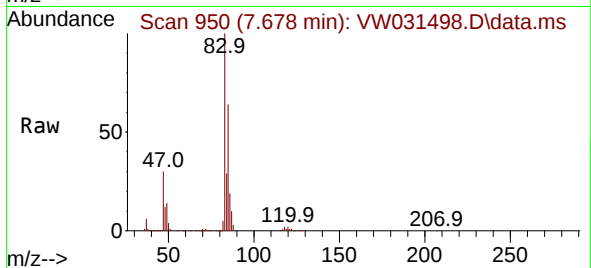
Lab File: VW031498.D

Acq: 23 Dec 2024 09:27

Instrument :

MSVOA_W

ClientSampleId :

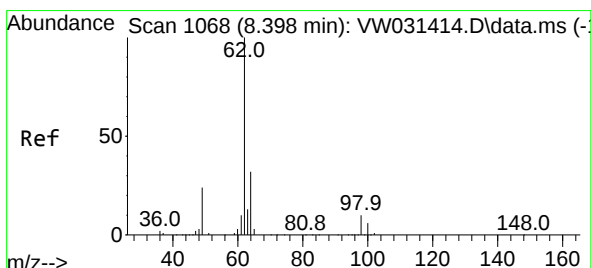
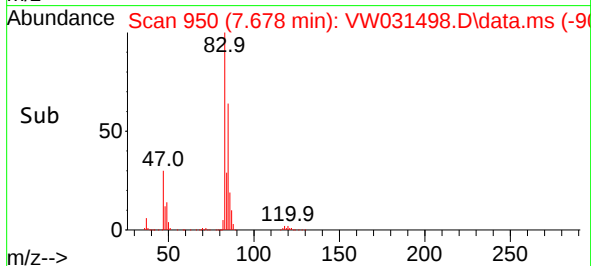
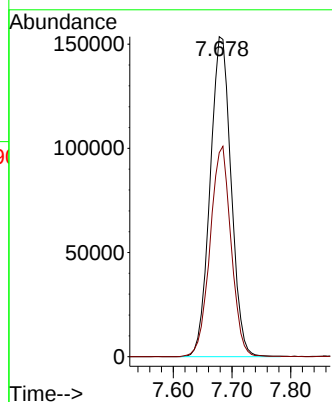


Tgt Ion: 83 Resp: 380883

Ion Ratio Lower Upper

83 100

85 63.7 46.1 85.5



#27

1,2-Dichloroethane

Concen: 25.107 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW031498.D

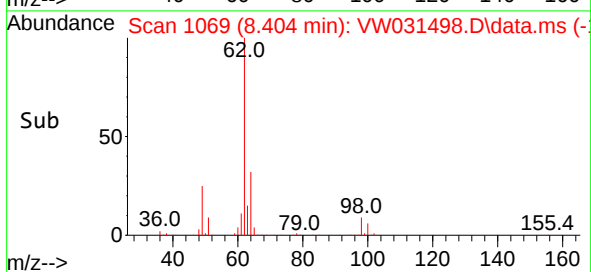
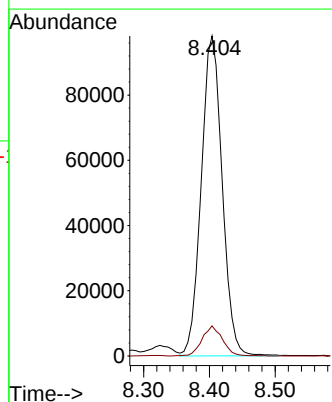
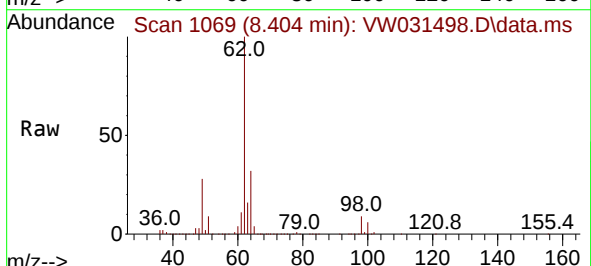
Acq: 23 Dec 2024 09:27

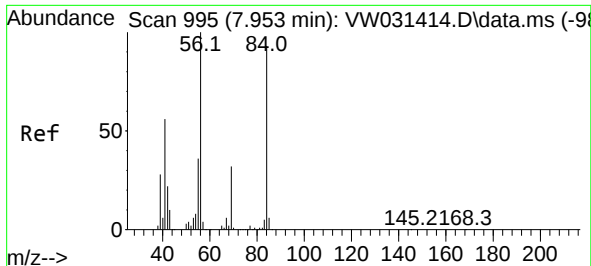
Tgt Ion: 62 Resp: 217343

Ion Ratio Lower Upper

62 100

98 9.4 7.2 10.8

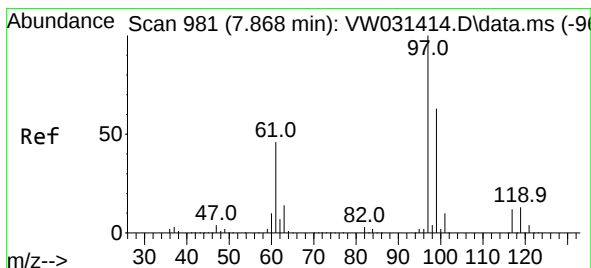
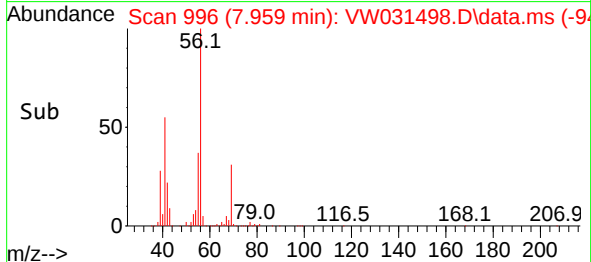
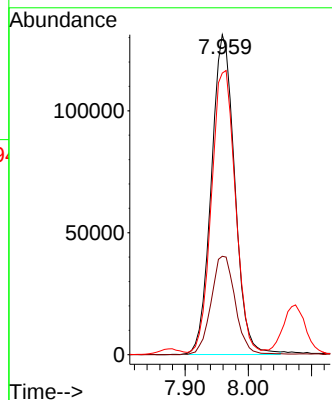
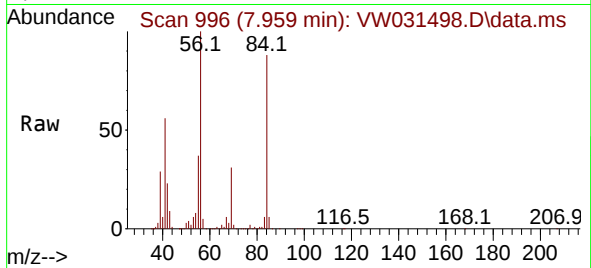




#29
Cyclohexane
Concen: 25.132 ug/L
RT: 7.959 min Scan# 995
Delta R.T. 0.006 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

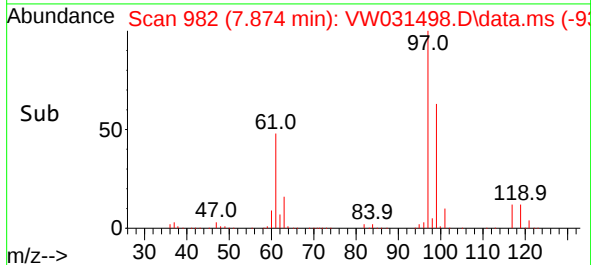
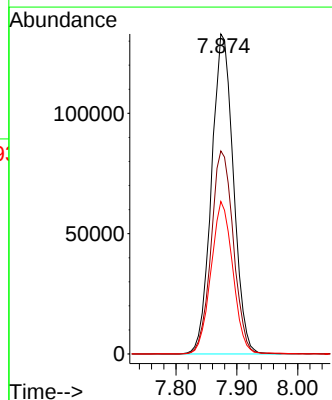
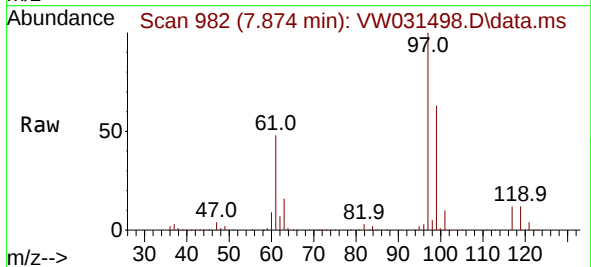
Instrument :
MSVOA_W
ClientSampleId :

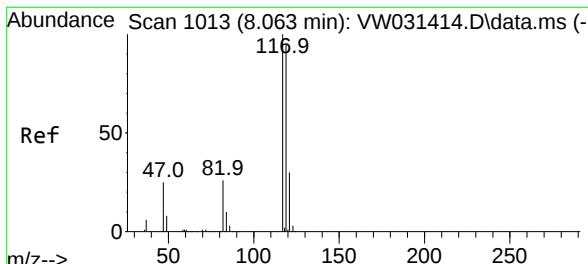
Tgt Ion: 56 Resp: 336436
Ion Ratio Lower Upper
56 100
69 31.6 25.0 37.4
84 90.8 68.9 103.3



#30
1,1,1-Trichloroethane
Concen: 26.011 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

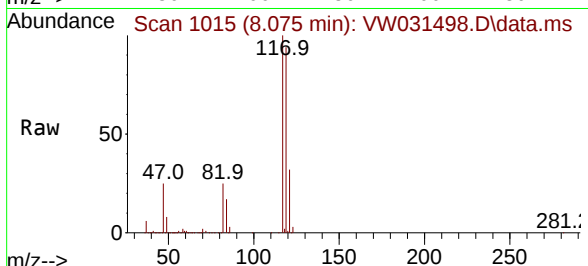
Tgt Ion: 97 Resp: 331870
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 47.5 36.3 54.5



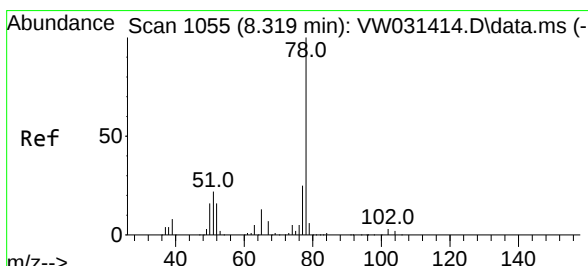
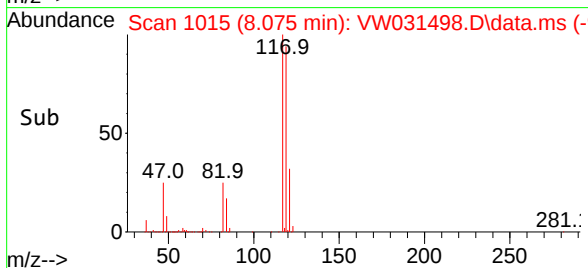
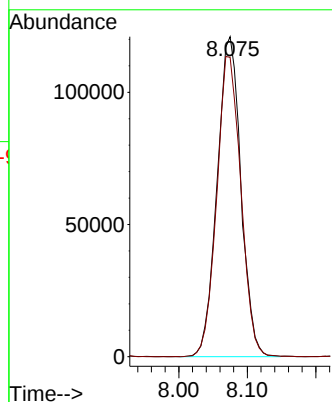


#31
Carbon tetrachloride
Concen: 25.616 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

Instrument :
MSVOA_W
ClientSampleId :

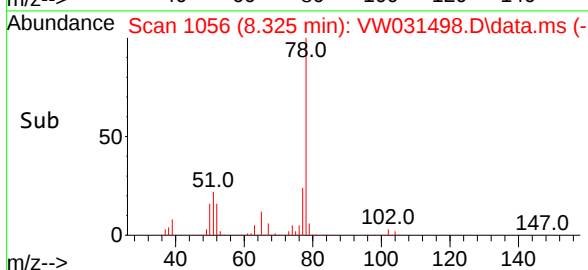
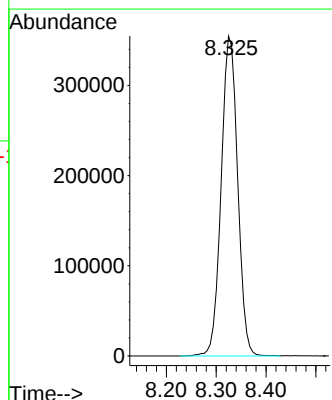
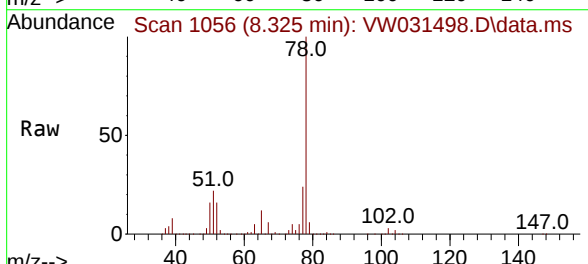


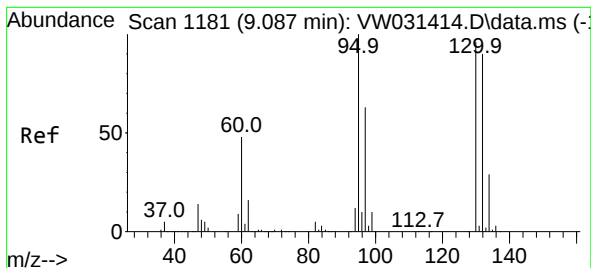
Tgt Ion:117 Resp: 291172
Ion Ratio Lower Upper
117 100
119 95.3 76.0 114.0



#33
Benzene
Concen: 26.691 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

Tgt Ion: 78 Resp: 814199





#34

Trichloroethene

Concen: 26.865 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW031498.D

Acq: 23 Dec 2024 09:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 231368

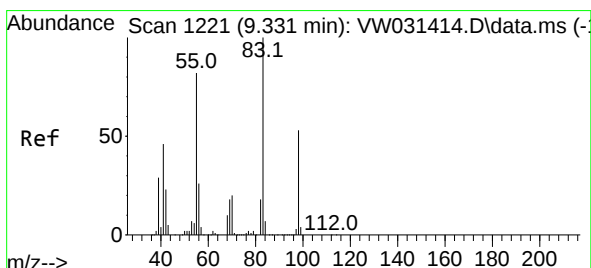
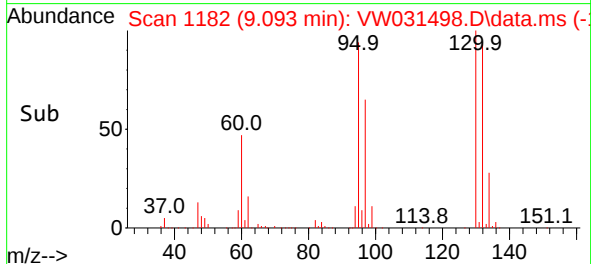
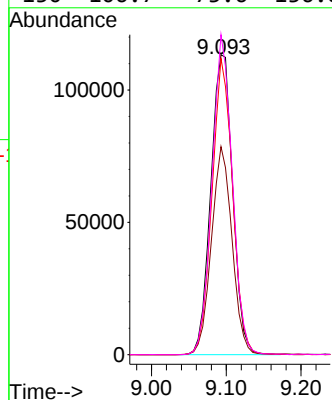
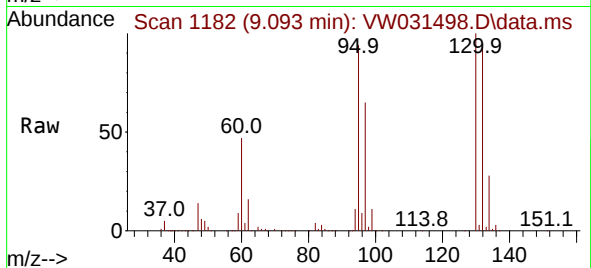
Ion Ratio Lower Upper

95 100

97 69.3 46.5 86.3

132 98.8 70.3 130.5

130 106.7 73.6 136.8



#35

Methylcyclohexane

Concen: 26.584 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW031498.D

Acq: 23 Dec 2024 09:27

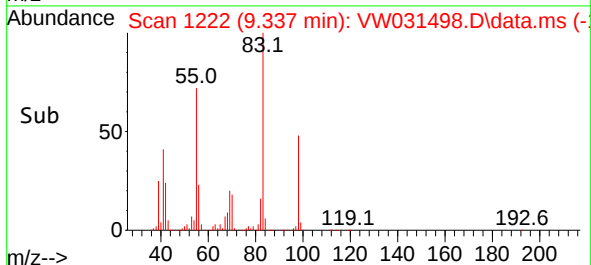
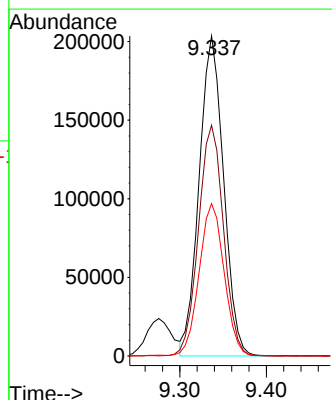
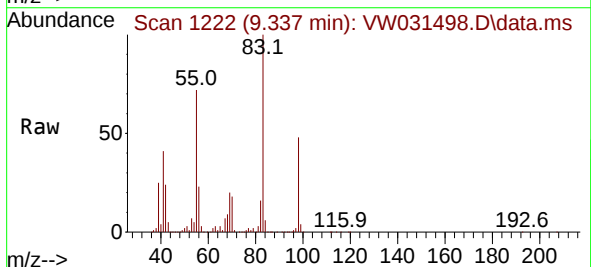
Tgt Ion: 83 Resp: 398710

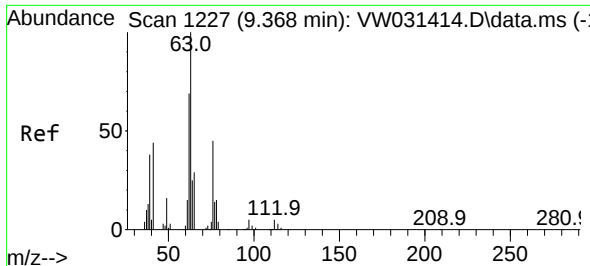
Ion Ratio Lower Upper

83 100

55 73.9 62.6 93.8

98 48.7 39.8 59.6





#37

1,2-Dichloropropane

Concen: 26.124 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031498.D

Acq: 23 Dec 2024 09:27

Instrument :

MSVOA_W

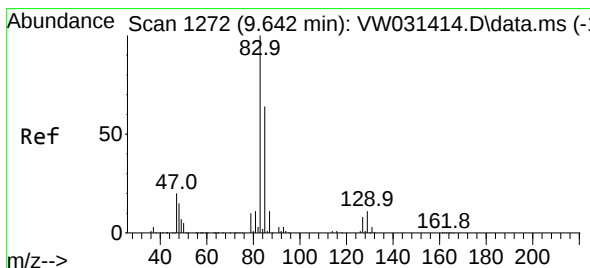
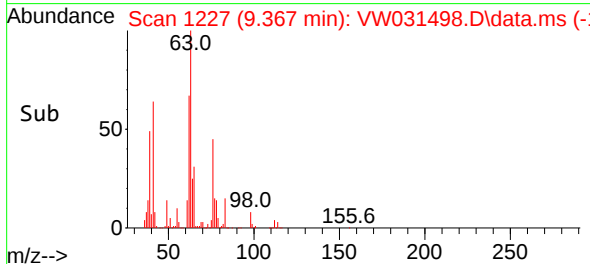
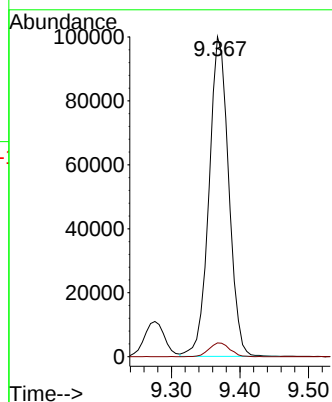
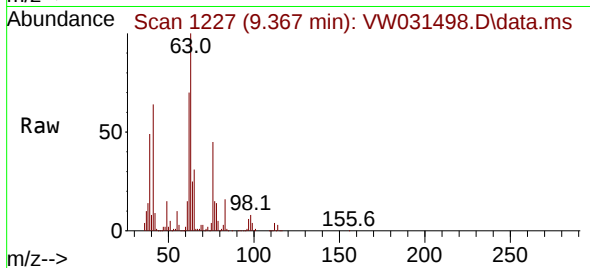
ClientSampleId :

Tgt Ion: 63 Resp: 198800

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.8



#38

Bromodichloromethane

Concen: 24.928 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW031498.D

Acq: 23 Dec 2024 09:27

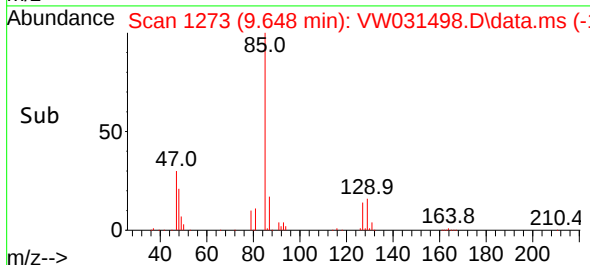
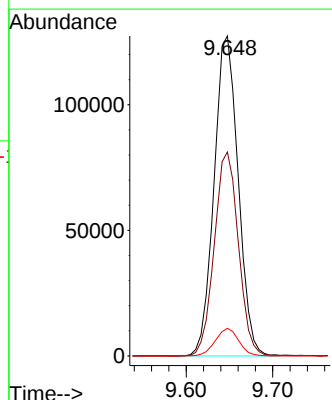
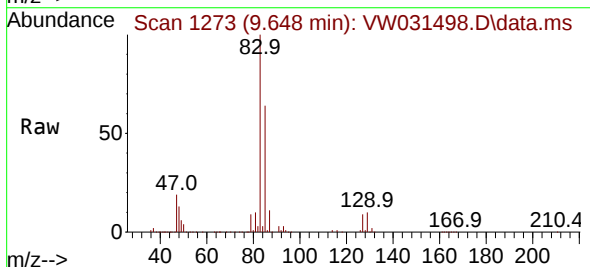
Tgt Ion: 83 Resp: 246616

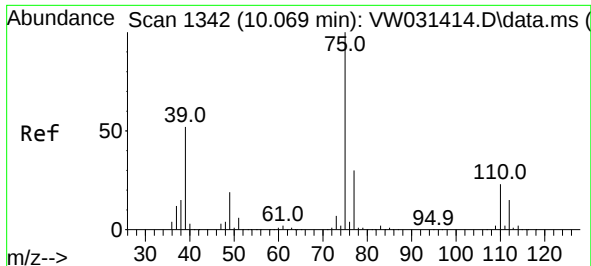
Ion Ratio Lower Upper

83 100

85 63.8 46.5 86.5

127 8.7 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 23.700 ug/L

RT: 10.074 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031498.D

Acq: 23 Dec 2024 09:27

Instrument :

MSVOA_W

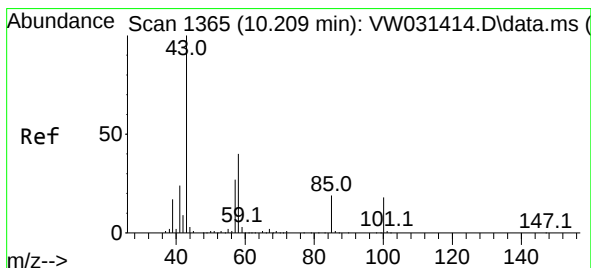
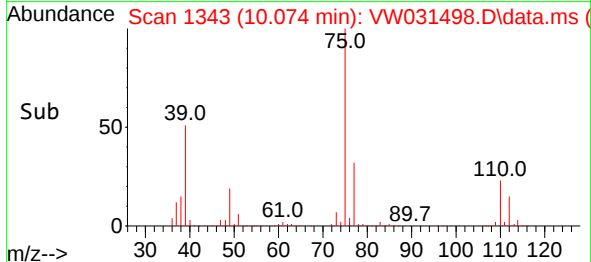
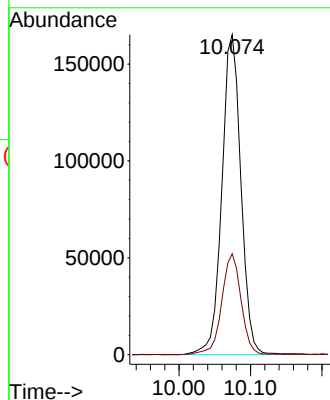
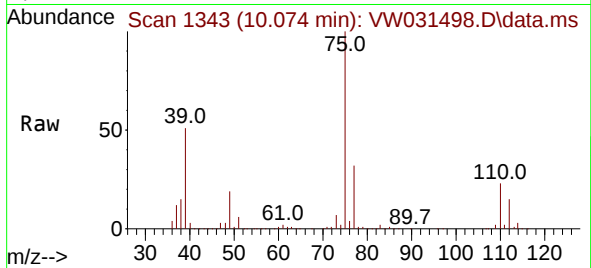
ClientSampleId :

Tgt Ion: 75 Resp: 304762

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 37.532 ug/L

RT: 10.215 min Scan# 1366

Delta R.T. 0.006 min

Lab File: VW031498.D

Acq: 23 Dec 2024 09:27

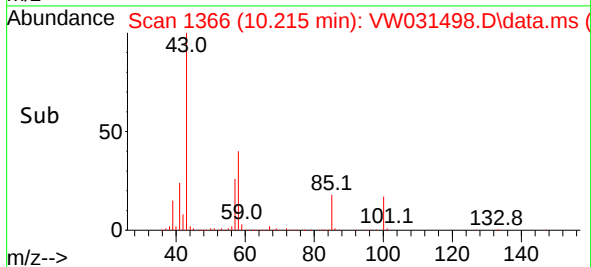
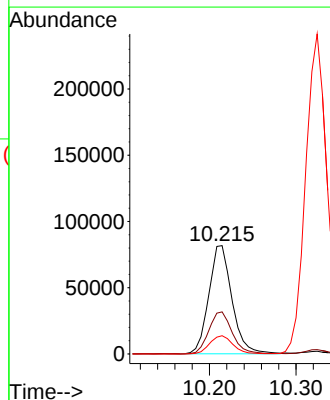
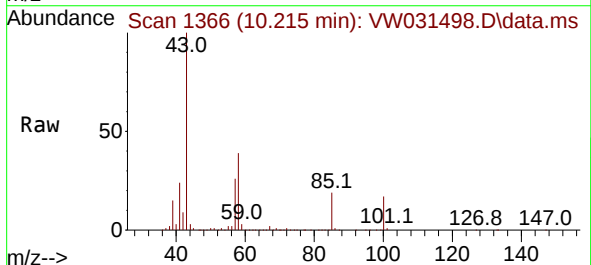
Tgt Ion: 43 Resp: 151531

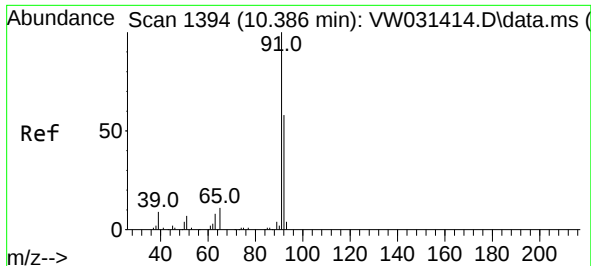
Ion Ratio Lower Upper

43 100

58 39.4 31.1 46.7

100 17.1 13.0 19.6

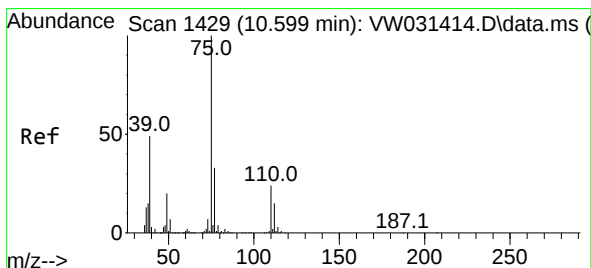
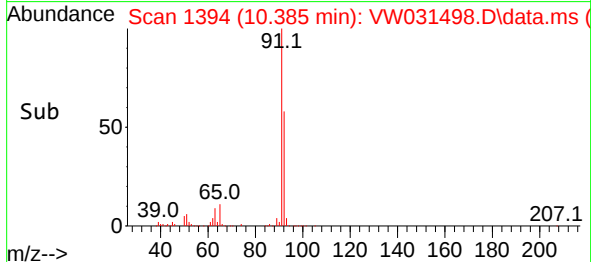
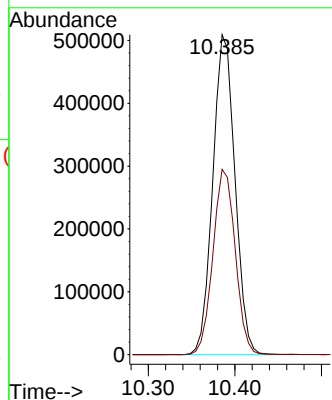
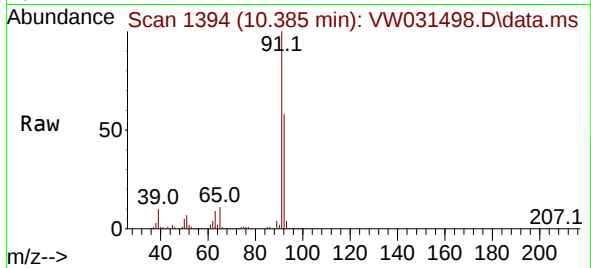




#42
Toluene
Concen: 27.310 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

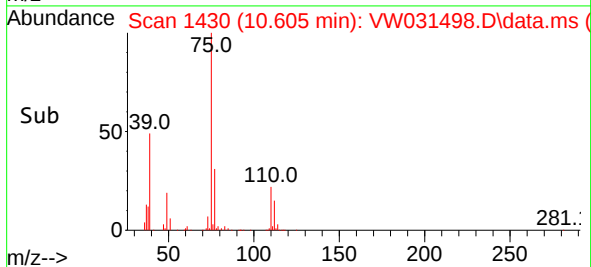
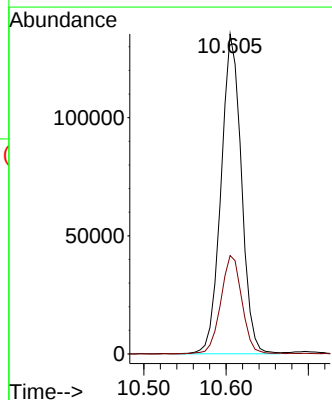
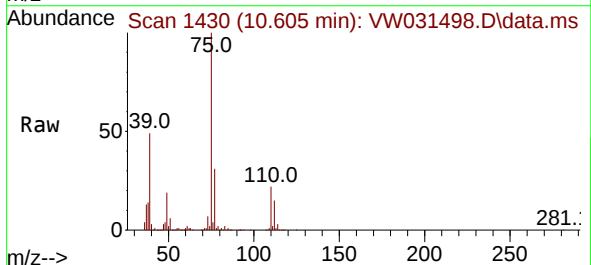
Instrument :
MSVOA_W
ClientSampleId :

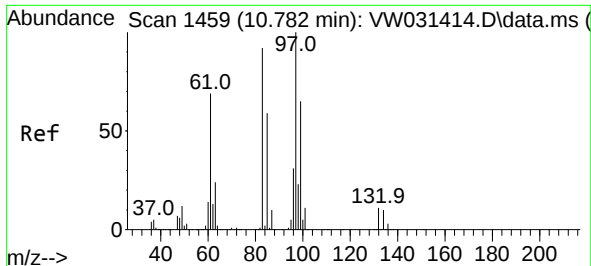
Tgt Ion: 91 Resp: 907020
Ion Ratio Lower Upper
91 100
92 57.9 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 22.146 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

Tgt Ion: 75 Resp: 232529
Ion Ratio Lower Upper
75 100
77 30.8 21.2 39.4



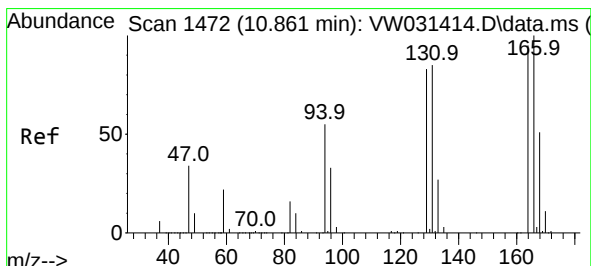
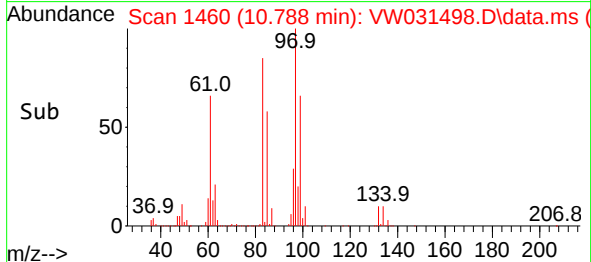
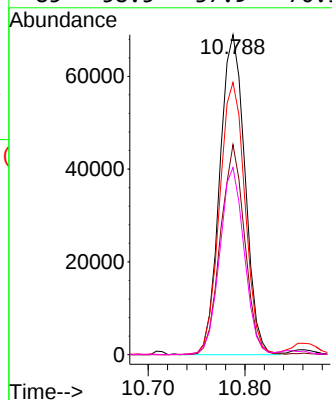
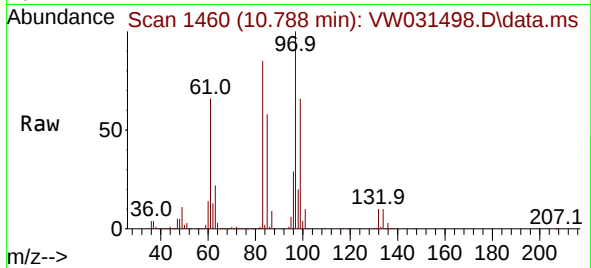


#45
1,1,2-Trichloroethane
Concen: 24.584 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 124436

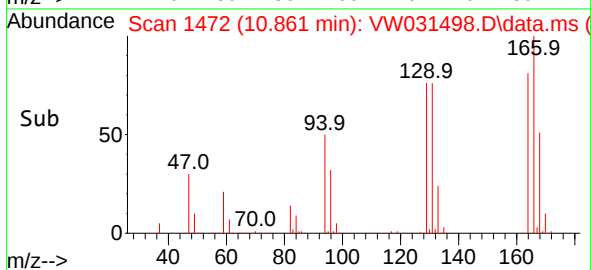
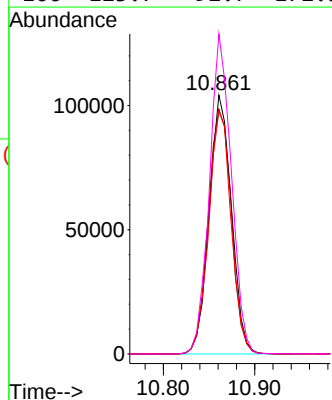
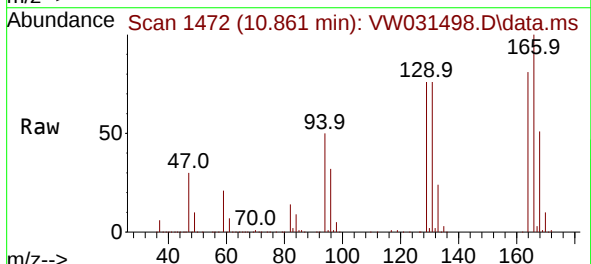
Ion	Ratio	Lower	Upper
97	100		
99	65.6	43.0	80.0
83	85.1	56.4	104.7
85	58.5	37.9	70.3

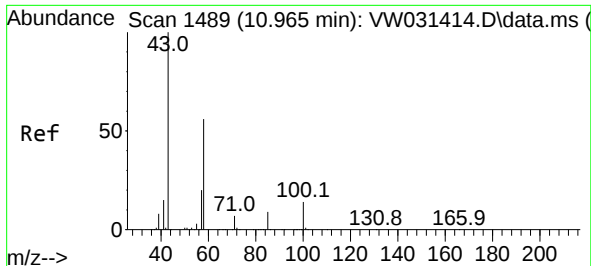


#46
Tetrachloroethene
Concen: 27.925 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

Tgt Ion:164 Resp: 176158

Ion	Ratio	Lower	Upper
164	100		
129	94.6	73.5	136.5
131	93.9	66.6	123.8
166	123.7	92.7	172.3

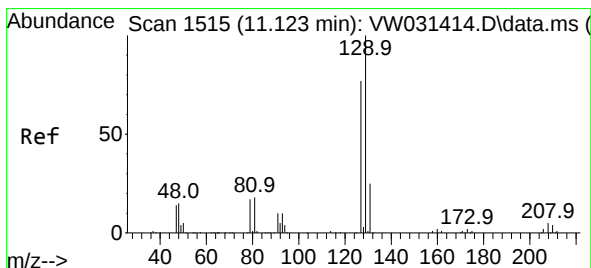
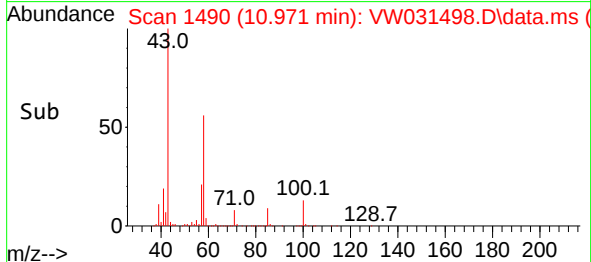
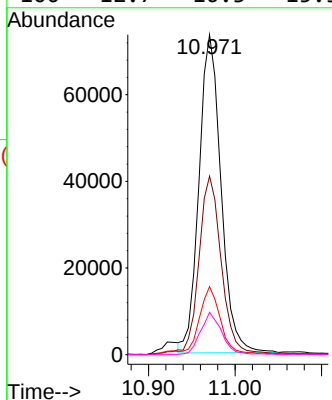
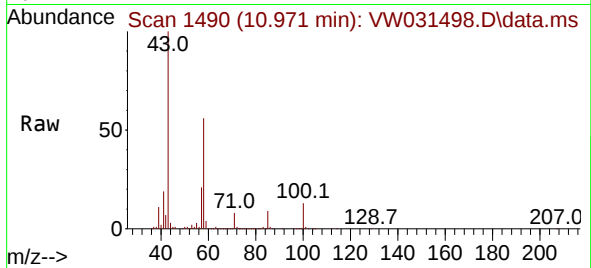




#48
2-Hexanone
Concen: 37.773 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

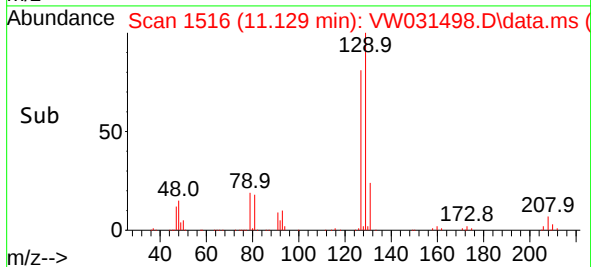
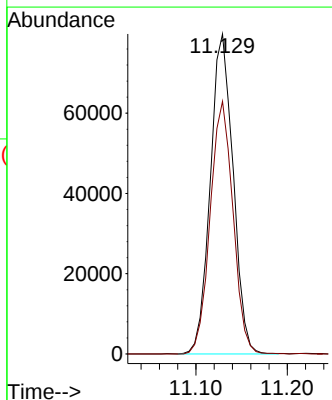
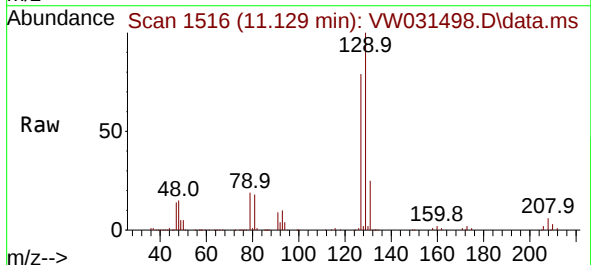
Instrument :
MSVOA_W
ClientSampleId :

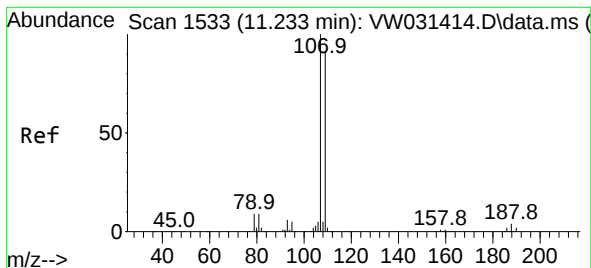
Tgt Ion: 43 Resp: 129703
Ion Ratio Lower Upper
43 100
58 56.4 43.0 64.6
57 19.4 15.7 23.5
100 12.7 10.3 15.5



#49
Dibromochloromethane
Concen: 23.017 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

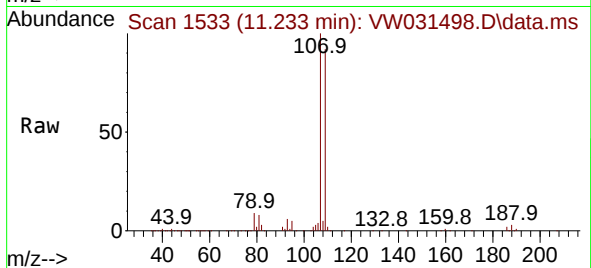
Tgt Ion:129 Resp: 138102
Ion Ratio Lower Upper
129 100
127 78.9 57.6 107.0



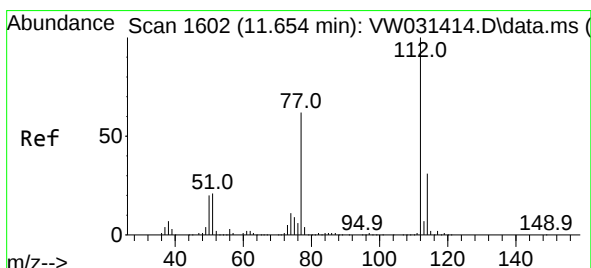
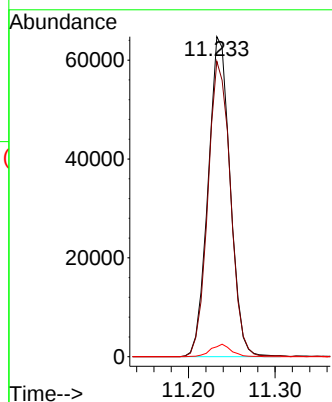
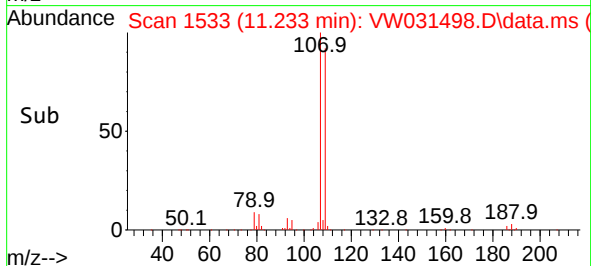


#50
1,2-Dibromoethane
Concen: 23.884 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

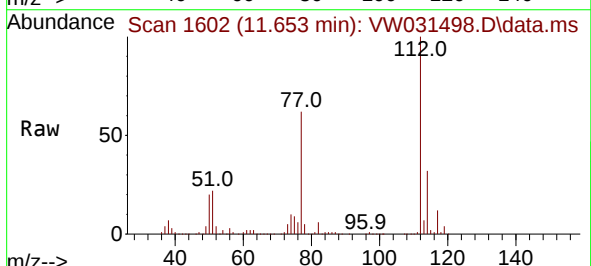
Instrument :
MSVOA_W
ClientSampleId :



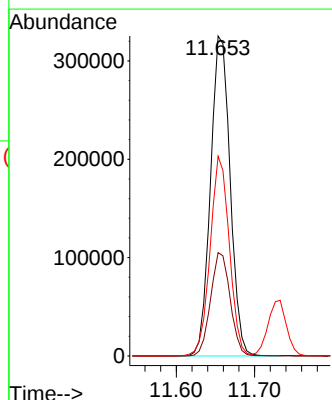
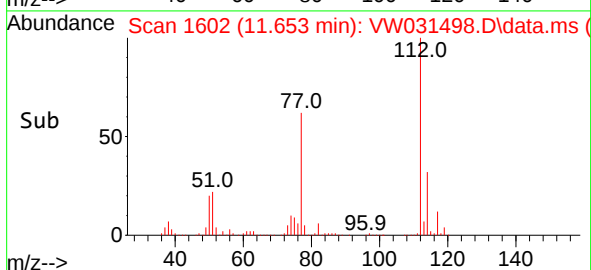
Tgt Ion:107 Resp: 114526
Ion Ratio Lower Upper
107 100
109 92.3 63.2 117.4
188 3.1 2.6 4.0

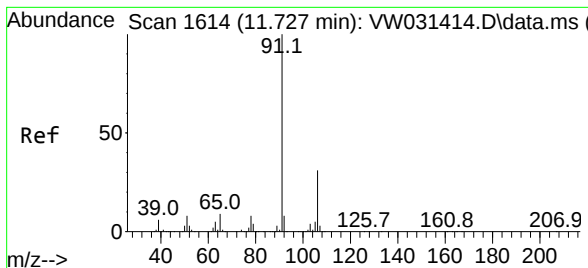


#51
Chlorobenzene
Concen: 27.153 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27



Tgt Ion:112 Resp: 565417
Ion Ratio Lower Upper
112 100
114 32.3 22.7 42.3
77 62.4 50.2 75.4

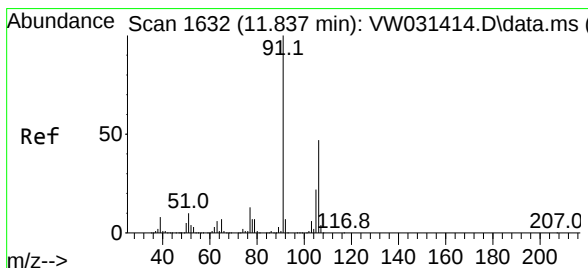
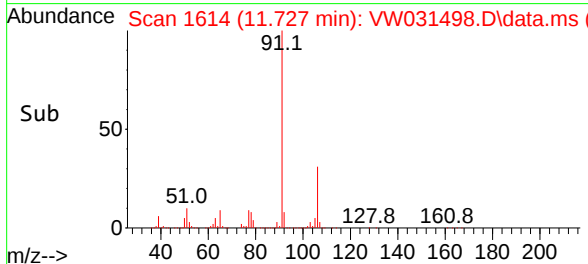
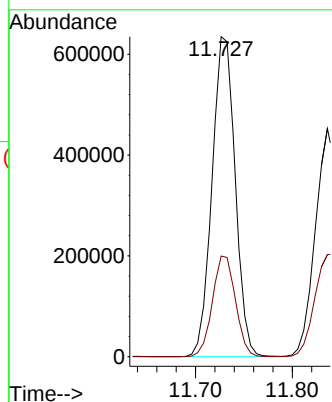
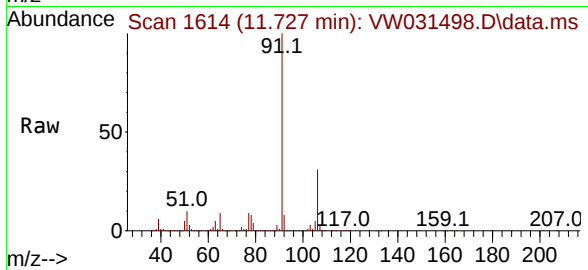




#52
Ethylbenzene
Concen: 27.439 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

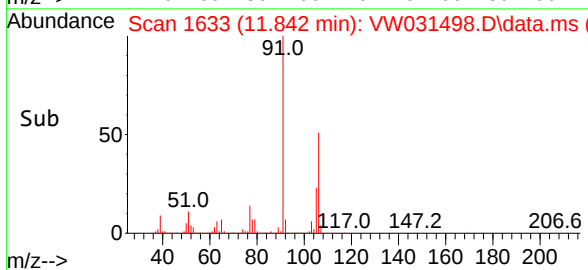
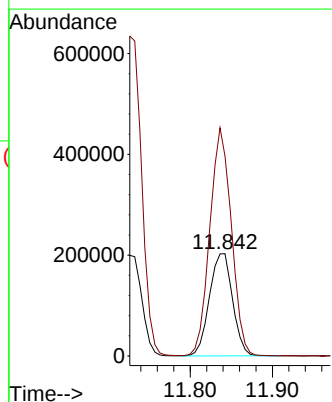
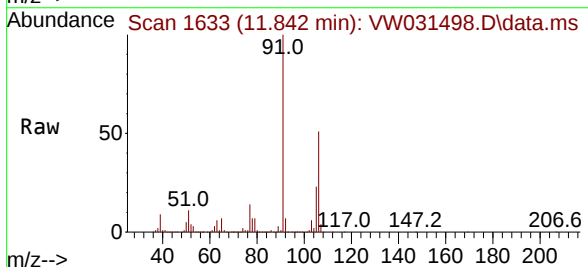
Instrument :
MSVOA_W
ClientSampleId :

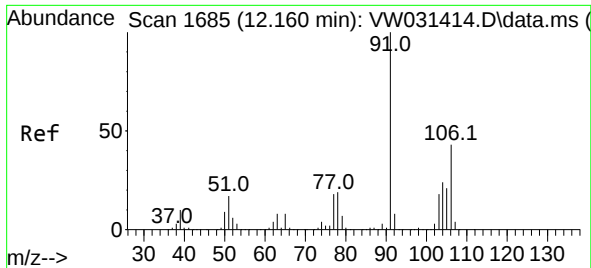
Tgt Ion: 91 Resp: 1056170
Ion Ratio Lower Upper
91 100
106 31.5 20.7 38.5



#53
m,p-Xylene
Concen: 27.032 ug/L
RT: 11.842 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

Tgt Ion:106 Resp: 396109
Ion Ratio Lower Upper
106 100
91 195.4 139.9 259.7

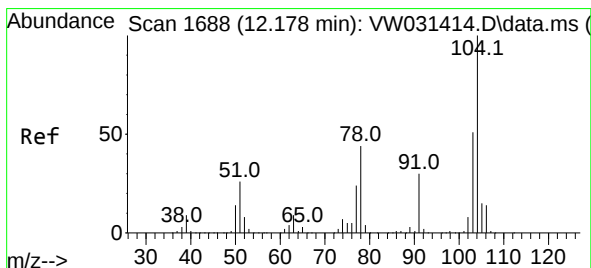
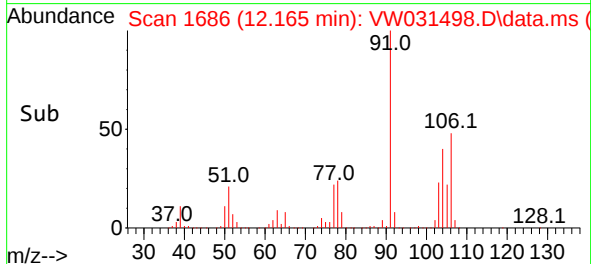
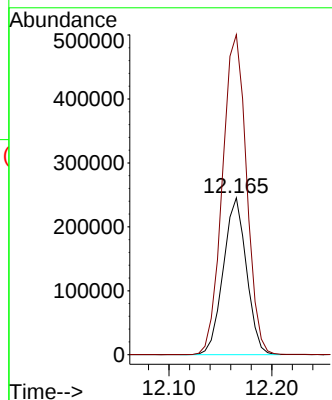
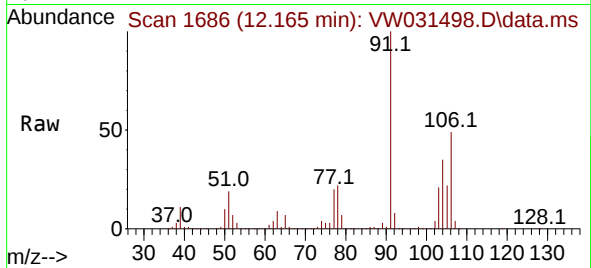




#54
o-Xylene
Concen: 27.796 ug/L
RT: 12.165 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

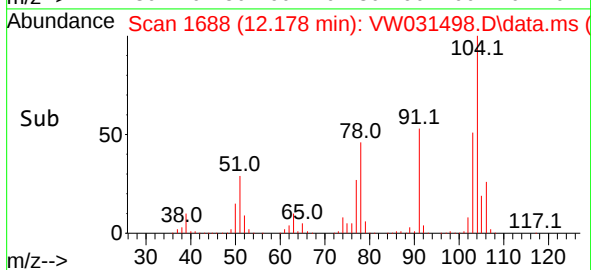
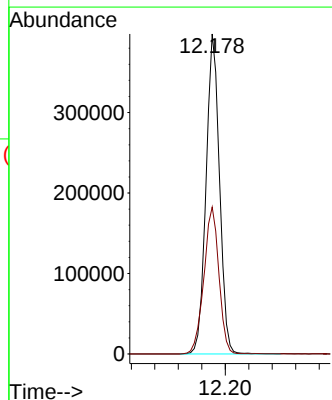
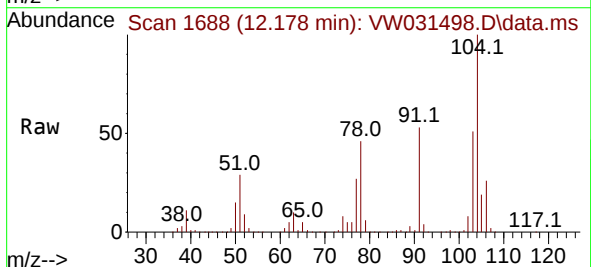
Instrument :
MSVOA_W
ClientSampleId :

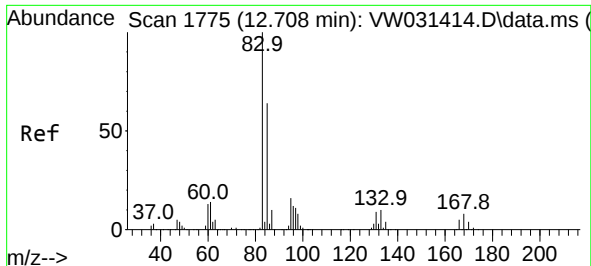
Tgt Ion:106 Resp: 383869
Ion Ratio Lower Upper
106 100
91 204.1 153.1 284.3



#55
Styrene
Concen: 27.524 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

Tgt Ion:104 Resp: 632268
Ion Ratio Lower Upper
104 100
78 45.9 31.4 58.4

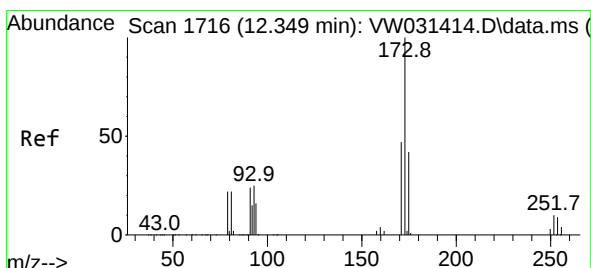
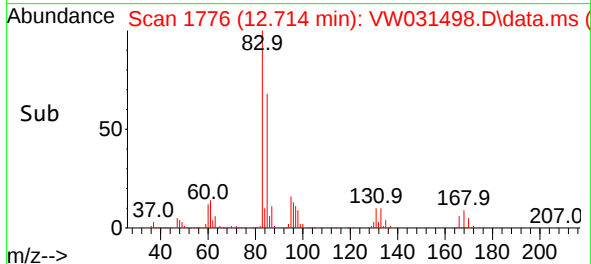
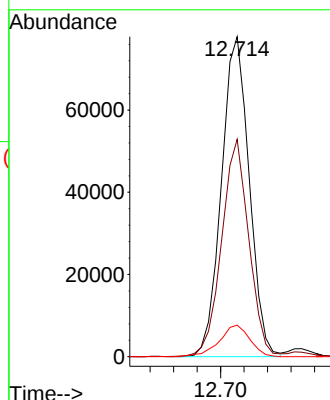
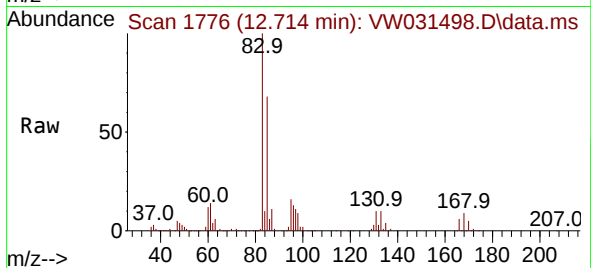




#57
1,1,2-Tetrachloroethane
Concen: 23.406 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

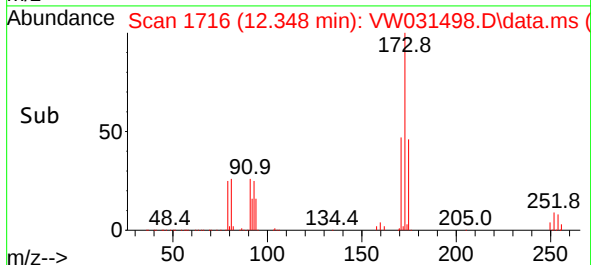
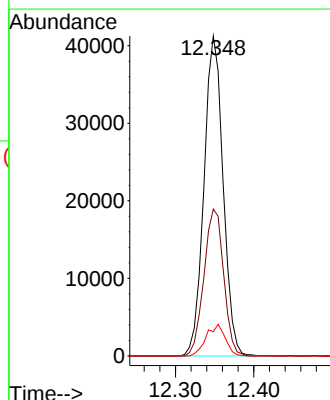
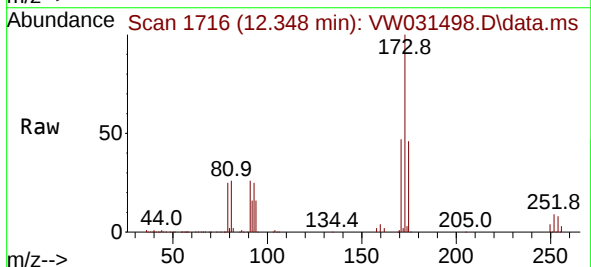
Instrument :
MSVOA_W
ClientSampleId :

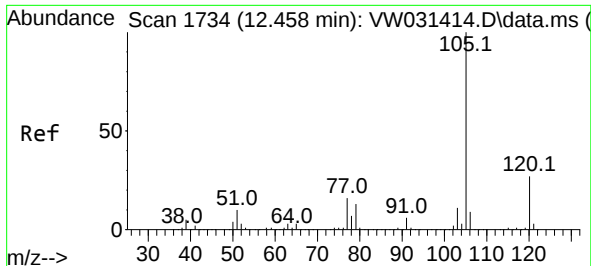
Tgt Ion: 83 Resp: 127716
Ion Ratio Lower Upper
83 100
85 67.9 44.1 81.9
131 9.8 7.9 11.9



#59
Bromoform
Concen: 21.510 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

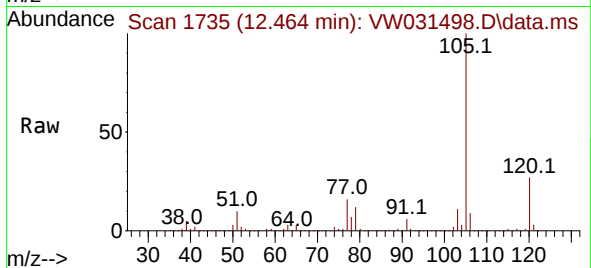
Tgt Ion: 173 Resp: 69919
Ion Ratio Lower Upper
173 100
175 47.2 38.6 57.8
254 9.9 7.6 11.4



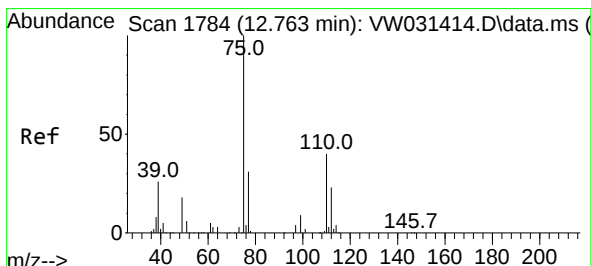
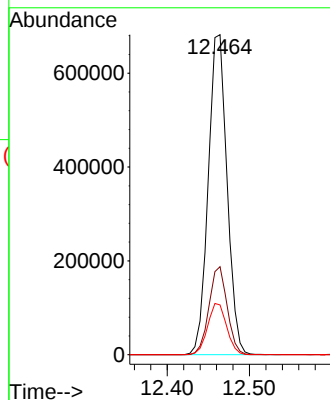
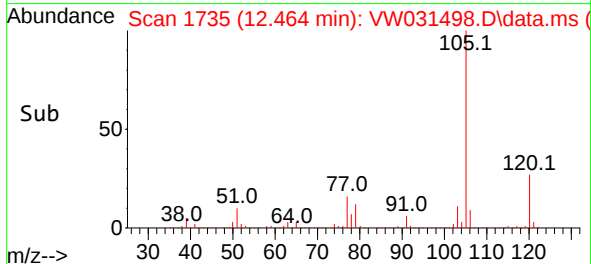


#60
Isopropylbenzene
Concen: 28.642 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

Instrument :
MSVOA_W
ClientSampleId :

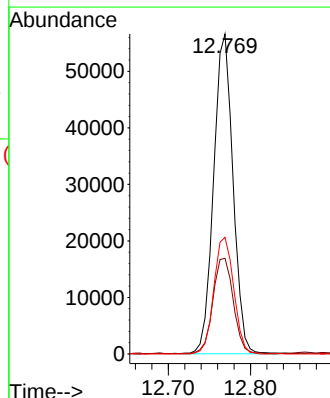
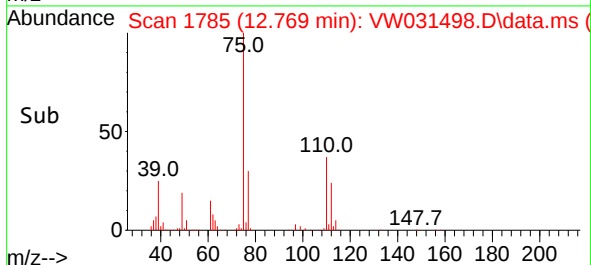
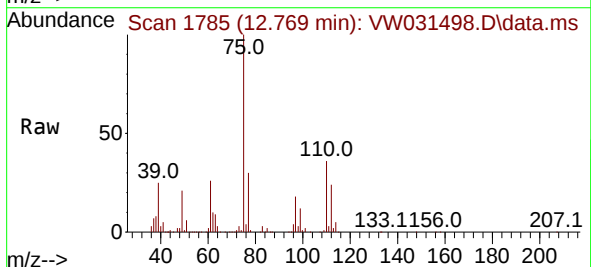


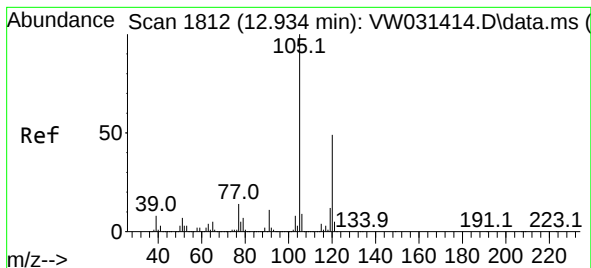
Tgt Ion:105 Resp: 1084543
Ion Ratio Lower Upper
105 100
120 26.6 20.6 31.0
77 16.2 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 23.436 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

Tgt Ion: 75 Resp: 92792
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
110 37.4 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 27.057 ug/L

RT: 12.940 min Scan# 1812

Delta R.T. -0.000 min

Lab File: VW031498.D

Acq: 23 Dec 2024 09:27

Instrument :

MSVOA_W

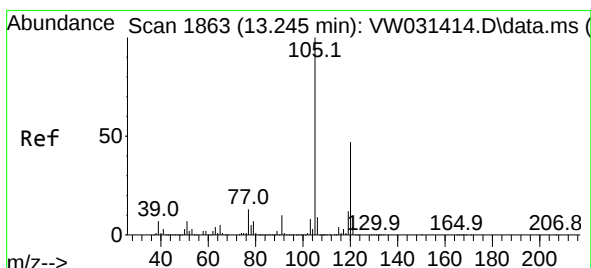
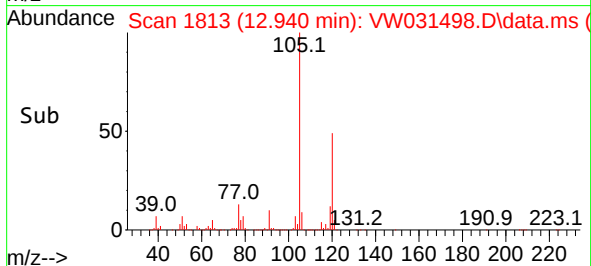
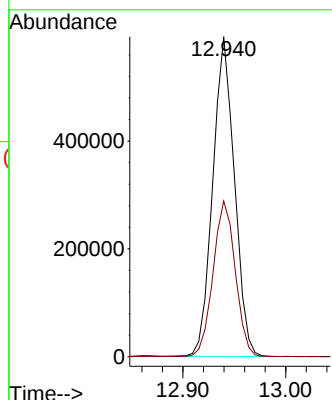
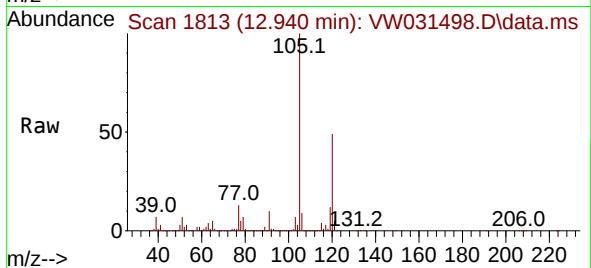
ClientSampleId :

Tgt Ion:105 Resp: 868608

Ion Ratio Lower Upper

105 100

120 49.8 37.3 55.9



#63

1,2,4-Trimethylbenzene

Concen: 27.257 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW031498.D

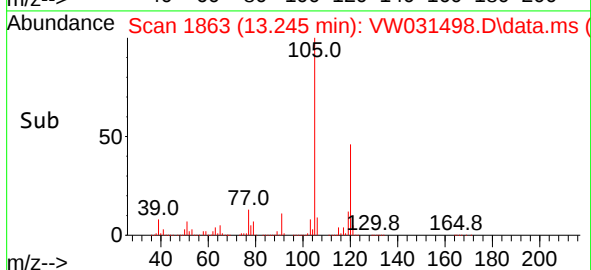
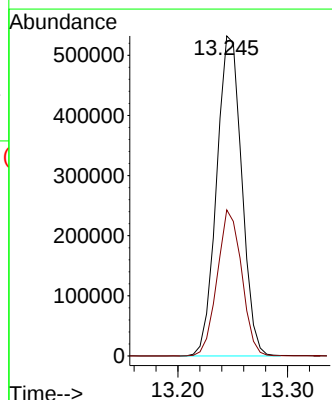
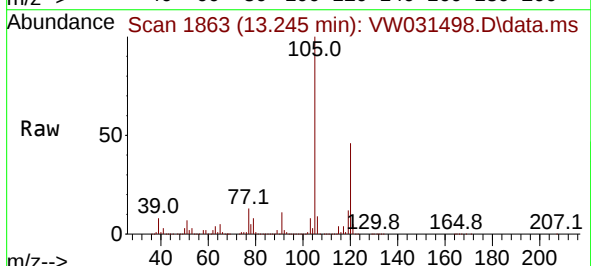
Acq: 23 Dec 2024 09:27

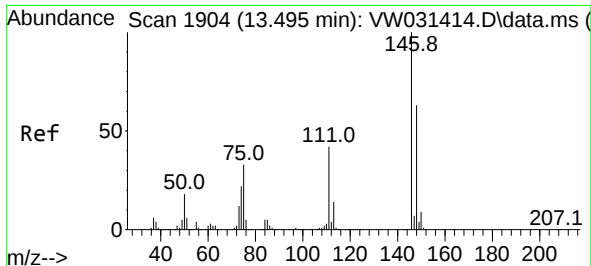
Tgt Ion:105 Resp: 845725

Ion Ratio Lower Upper

105 100

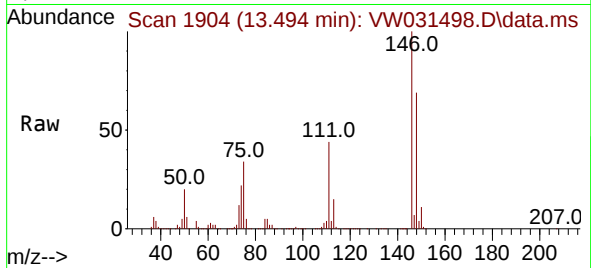
120 44.4 35.0 52.4



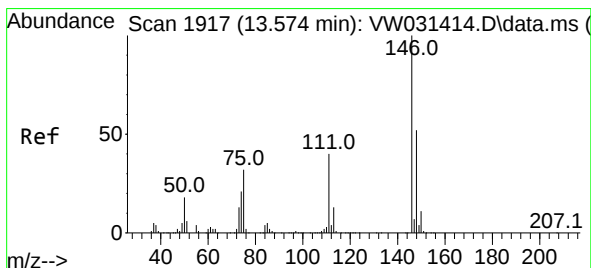
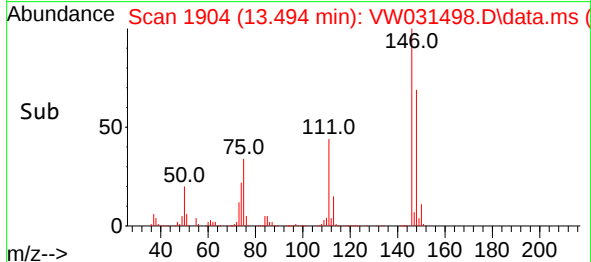
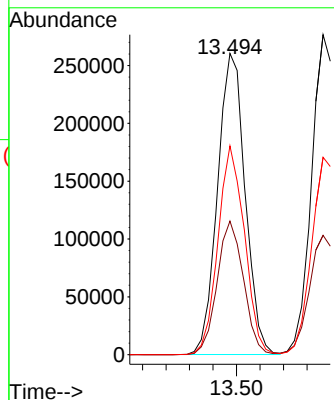


#64
1,3-Dichlorobenzene
Concen: 27.705 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

Instrument :
MSVOA_W
ClientSampleId :

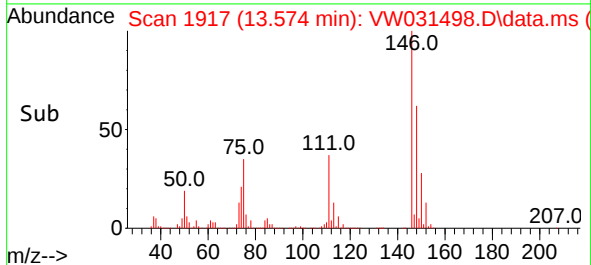
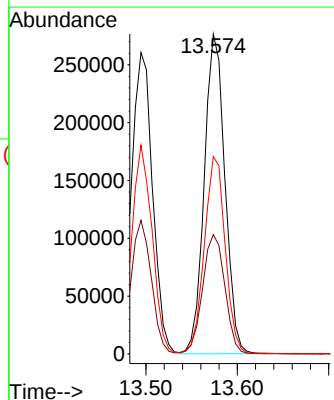
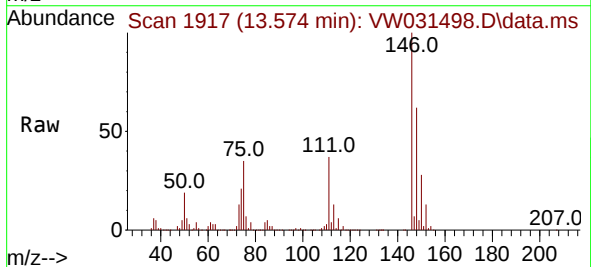


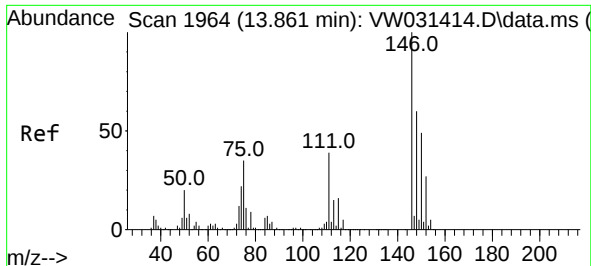
Tgt Ion:146 Resp: 425031
Ion Ratio Lower Upper
146 100
111 44.3 27.6 51.2
148 69.3 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 28.488 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

Tgt Ion:146 Resp: 433029
Ion Ratio Lower Upper
146 100
111 37.3 30.7 56.9
148 61.7 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 27.945 ug/L

RT: 13.866 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VW031498.D

Acq: 23 Dec 2024 09:27

Instrument :

MSVOA_W

ClientSampleId :

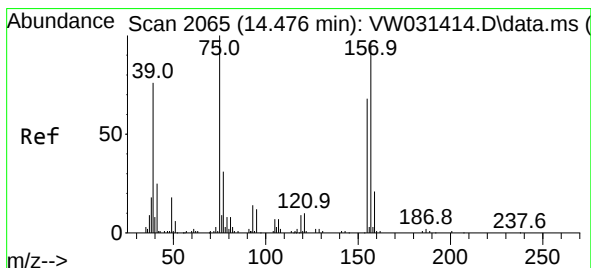
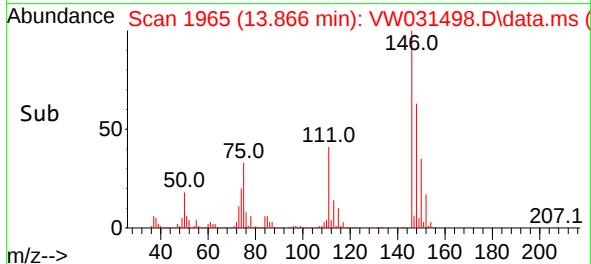
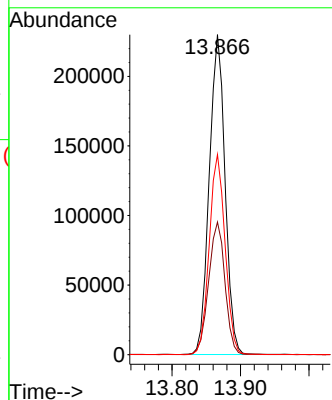
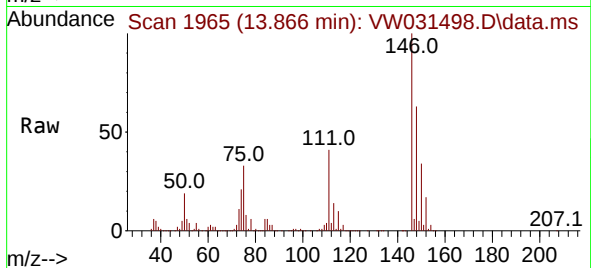
Tgt Ion:146 Resp: 369385

Ion Ratio Lower Upper

146 100

111 41.4 38.6 58.0

148 62.5 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 18.096 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW031498.D

Acq: 23 Dec 2024 09:27

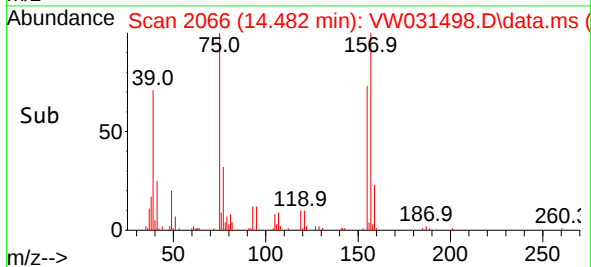
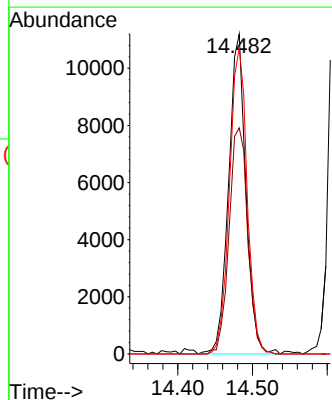
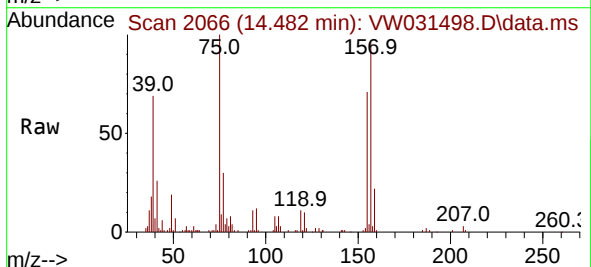
Tgt Ion: 75 Resp: 18183

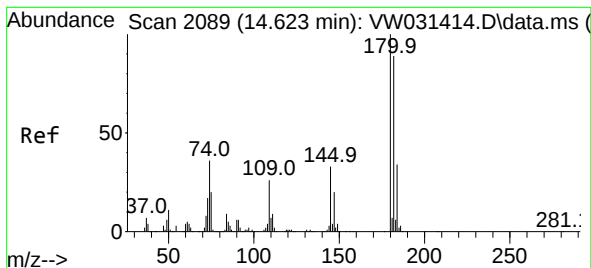
Ion Ratio Lower Upper

75 100

155 70.6 56.6 85.0

157 95.6 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 28.497 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

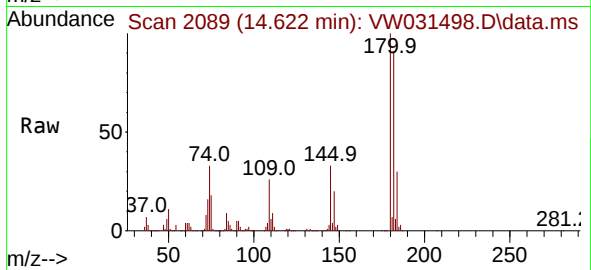
Lab File: VW031498.D

Acq: 23 Dec 2024 09:27

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 306191

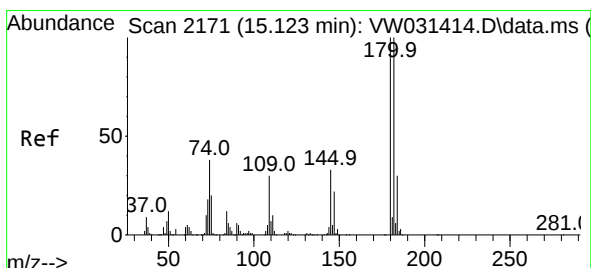
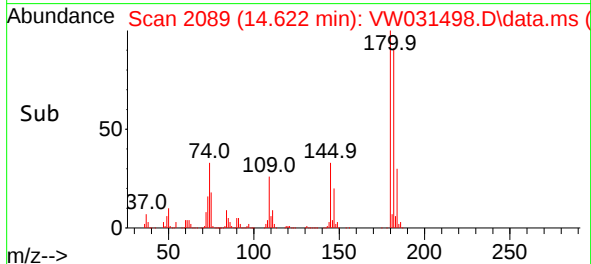
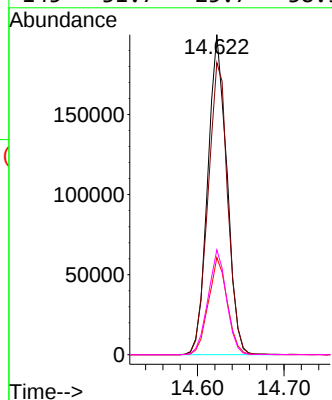
Ion Ratio Lower Upper

180 100

182 94.1 75.0 112.4

184 29.9 24.6 36.8

145 31.7 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 26.311 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031498.D

Acq: 23 Dec 2024 09:27

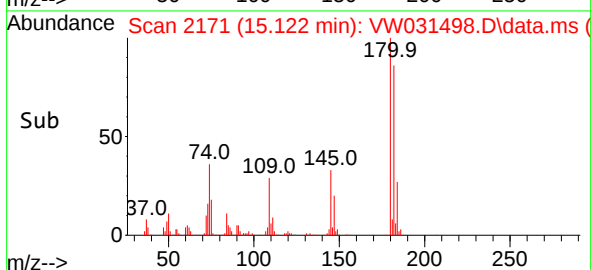
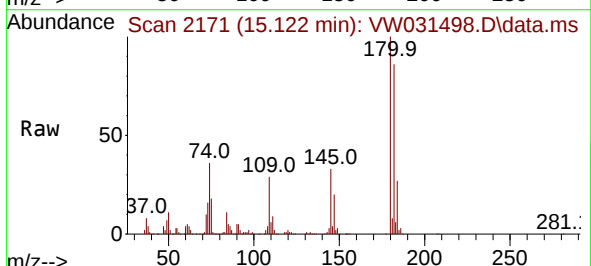
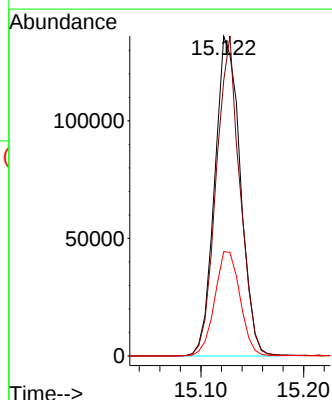
Tgt Ion:180 Resp: 235167

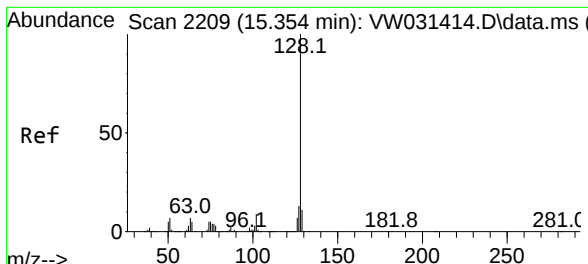
Ion Ratio Lower Upper

180 100

182 92.8 78.2 117.2

145 32.4 26.7 40.1

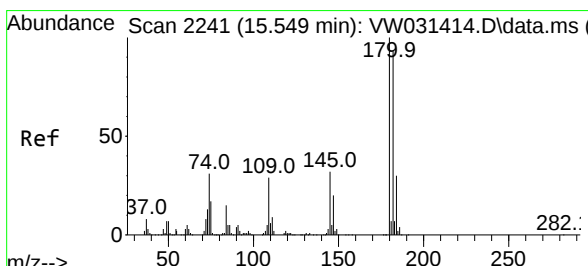
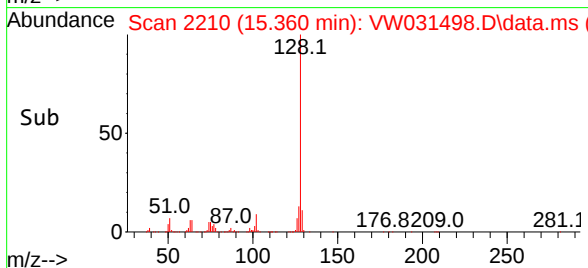
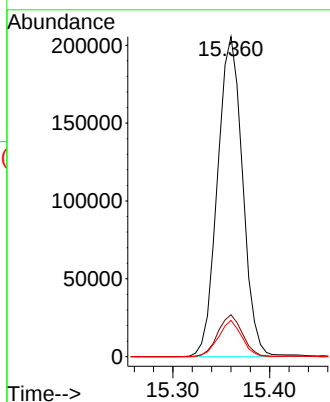
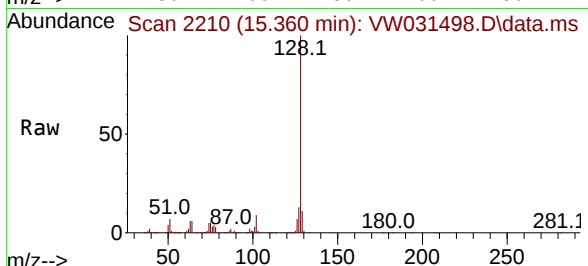




#71
Naphthalene
Concen: 23.580 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 369498
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.6 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 27.178 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW031498.D
Acq: 23 Dec 2024 09:27

Tgt Ion:180 Resp: 195711
Ion Ratio Lower Upper
180 100
182 92.5 75.0 112.4
145 32.4 27.8 41.6

