

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
 Data File : VW031370.D
 Acq On : 19 Dec 2024 08:38
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 00:23:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 19 04:08:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	547011	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.623	117	463492	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	236464	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	193053	23.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.840%
7) Chloroethane-d5	2.893	69	158898	26.099	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	4.015	65	90632	23.215	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.840%
21) 2-Butanone-d5	7.094	46	72710	46.910	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.820%
24) Chloroform-d	7.648	84	373132	24.896	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	8.301	65	191036	25.380	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.520%
32) Benzene-d6	8.270	84	727824	24.500	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	9.270	67	210393	24.300	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.200%
41) Toluene-d8	10.319	98	671865	24.311	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.240%
43) trans-1,3-Dichloroprop...	10.575	79	88554	22.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.720%
47) 2-Hexanone-d5	10.922	63	56754	48.743	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	142687	26.248	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	201298	22.931	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	132027	26.706	ug/L	94
3) Chloromethane	2.216	50	130624	23.520	ug/L	97
5) Vinyl chloride	2.369	62	208849	27.135	ug/L	97
6) Bromomethane	2.789	94	130821	27.647	ug/L	93
8) Chloroethane	2.930	64	130558	28.523	ug/L	97
9) Trichlorofluoromethane	3.259	101	197939	24.141	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	180768	27.302	ug/L	98
12) 1,1-Dichloroethene	4.039	96	173934	25.937	ug/L	92
13) Acetone	4.173	43	106966	49.553	ug/L #	100
14) Carbon disulfide	4.381	76	482131	22.045	ug/L	99
15) Methyl Acetate	4.685	43	55520	22.645	ug/L	95
16) Methylene chloride	4.911	84	167139	24.284	ug/L	99
17) trans-1,2-Dichloroethene	5.417	96	181616	25.125	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	280417	23.205	ug/L	99
19) 1,1-Dichloroethane	6.210	63	343894	25.459	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	200954	25.695	ug/L	97
22) 2-Butanone	7.185	43	112745	43.106	ug/L	95
23) Bromochloromethane	7.514	128	80565	25.830	ug/L	96
25) Chloroform	7.673	83	354242	26.572	ug/L	99

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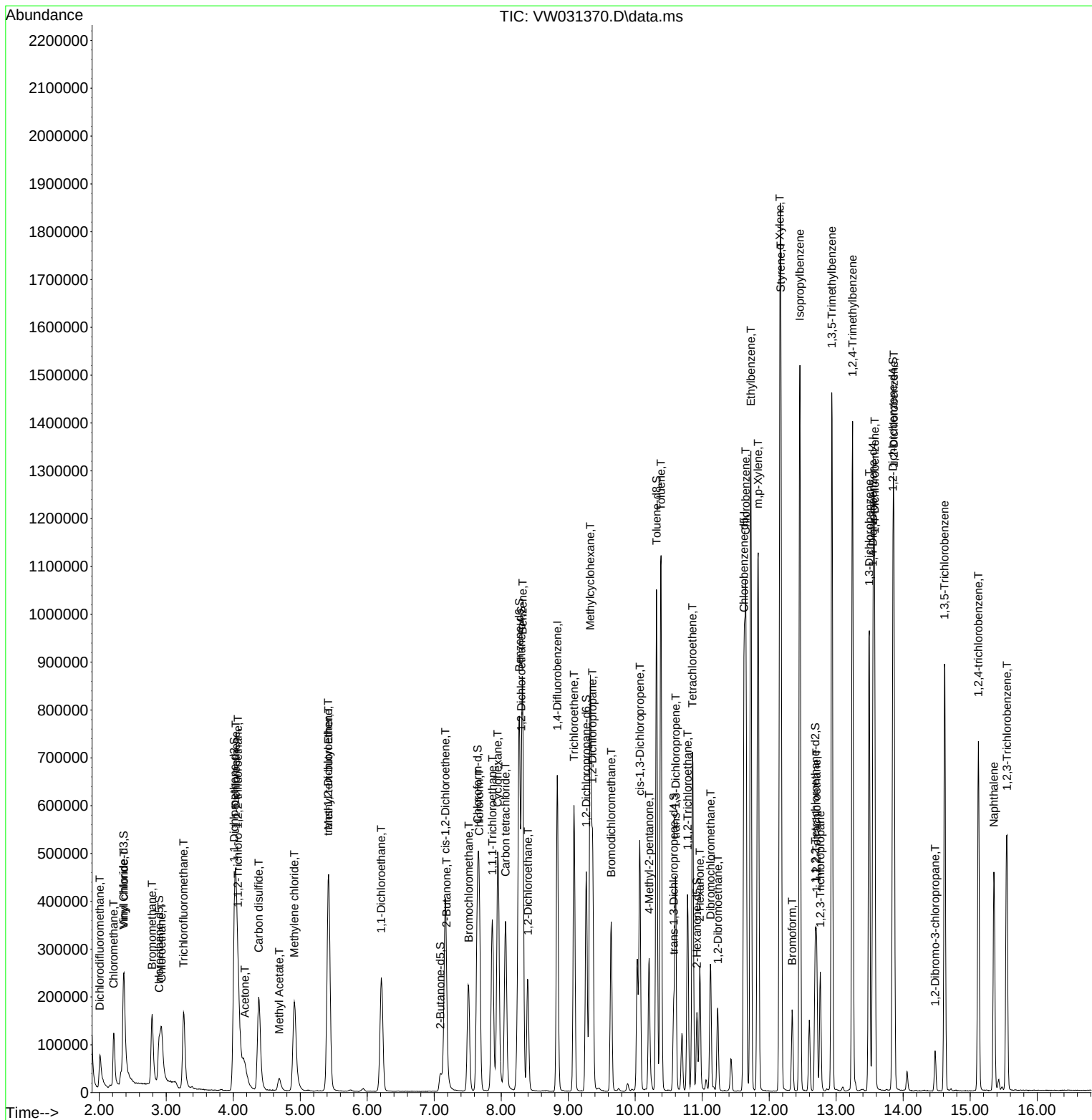
Instrument :
 MSVOA_W
 ClientSampleId :

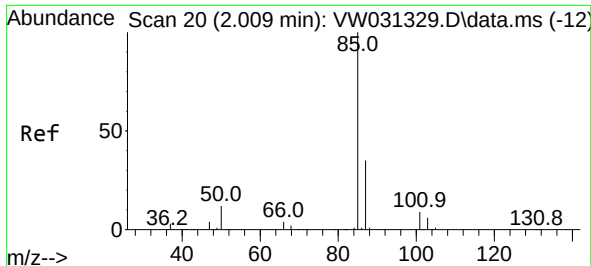
Quant Time: Dec 20 00:23:01 2024
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 Quant Title : SFAM01.0
 QLast Update : Thu Dec 19 04:08:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	221243	26.398	ug/L	97
29) Cyclohexane	7.947	56	308544	24.547	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	298193	24.891	ug/L	98
31) Carbon tetrachloride	8.063	117	270465	25.341	ug/L	100
33) Benzene	8.319	78	741943	25.903	ug/L	100
34) Trichloroethene	9.087	95	208550	25.790	ug/L	92
35) Methylcyclohexane	9.331	83	350215	24.869	ug/L	99
37) 1,2-Dichloropropane	9.361	63	180860	25.311	ug/L	100
38) Bromodichloromethane	9.642	83	235015	25.300	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	299038	24.766	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	181449	47.864	ug/L	98
42) Toluene	10.386	91	823085	26.394	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	241844	24.530	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	125744	26.457	ug/L	96
46) Tetrachloroethene	10.855	164	156734	26.461	ug/L	93
48) 2-Hexanone	10.965	43	163472	50.702	ug/L	98
49) Dibromochloromethane	11.123	129	137943	24.485	ug/L	93
50) 1,2-Dibromoethane	11.233	107	117935	26.194	ug/L	96
51) Chlorobenzene	11.648	112	500044	25.575	ug/L	97
52) Ethylbenzene	11.727	91	940878	26.033	ug/L	96
53) m,p-Xylene	11.837	106	356677	25.923	ug/L	97
54) o-Xylene	12.160	106	340126	26.230	ug/L	98
55) Styrene	12.172	104	562293	26.069	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	138672	27.066	ug/L	99
59) Bromoform	12.343	173	72231	21.744	ug/L	99
60) Isopropylbenzene	12.458	105	971807	25.114	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	100055	24.728	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	789711	24.071	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	769067	24.254	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	381800	24.352	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	388170	24.988	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	345478	25.575	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	21711	21.144	ug/L	90
69) 1,3,5-Trichlorobenzene	14.617	180	259993	23.678	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	221463	24.246	ug/L	99
71) Naphthalene	15.354	128	394023	24.605	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	178426	24.245	ug/L	99

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

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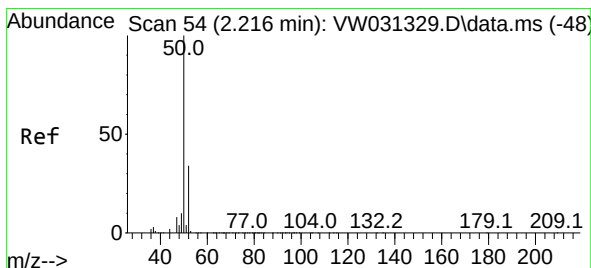
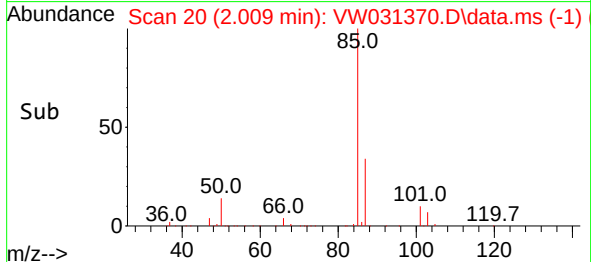
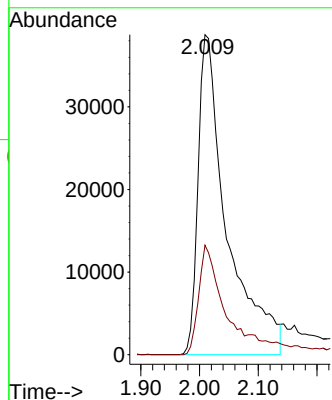
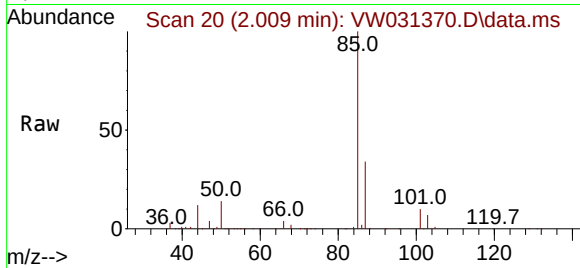




#2
 Dichlorodifluoromethane
 Concen: 26.706 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VW031370.D
 Acq: 19 Dec 2024 08:38

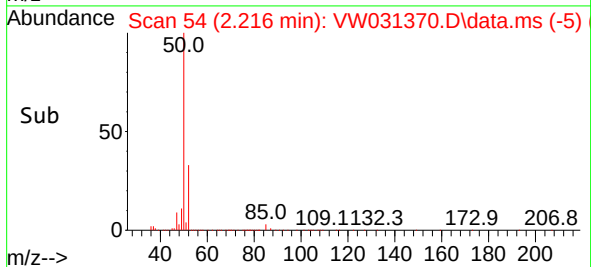
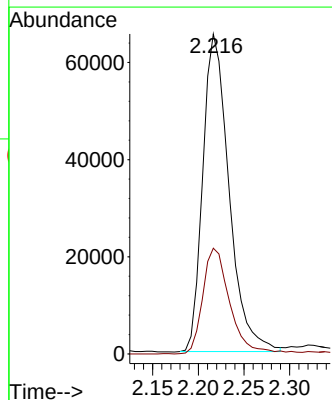
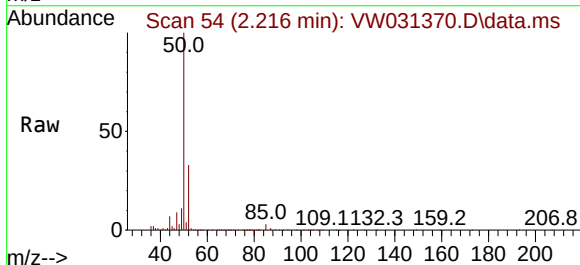
Instrument :
 MSVOA_W
 ClientSampleId :

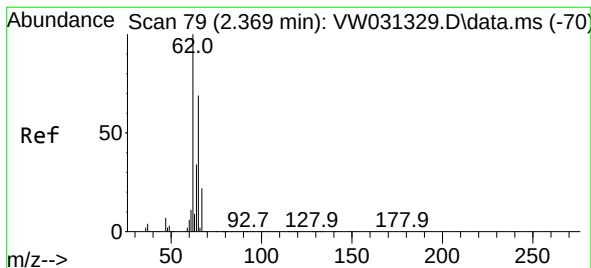
Tgt Ion: 85 Resp: 132027
 Ion Ratio Lower Upper
 85 100
 87 27.6 24.9 37.3



#3
 Chloromethane
 Concen: 23.520 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VW031370.D
 Acq: 19 Dec 2024 08:38

Tgt Ion: 50 Resp: 130624
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.0 41.0





#5

Vinyl chloride

Concen: 27.135 ug/L

RT: 2.369 min Scan# 79

Delta R.T. -0.000 min

Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

Instrument :

MSVOA_W

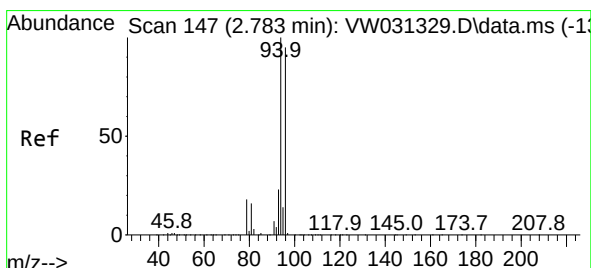
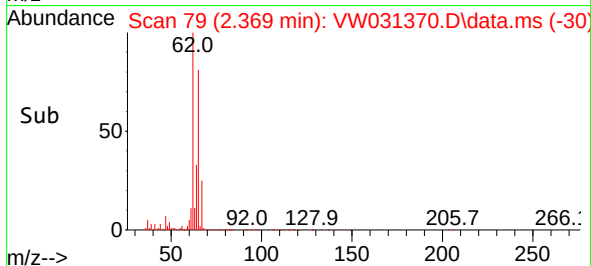
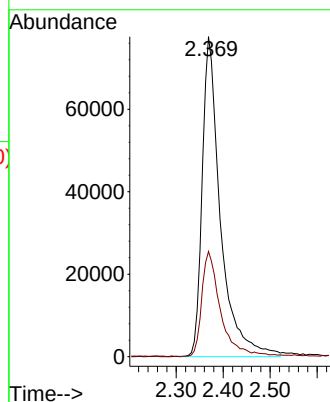
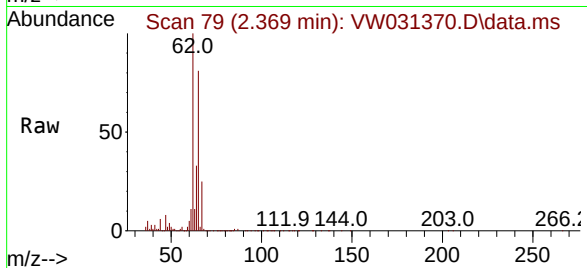
ClientSampleId :

Tgt Ion: 62 Resp: 208849

Ion Ratio Lower Upper

62 100

64 32.9 24.1 44.8



#6

Bromomethane

Concen: 27.647 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW031370.D

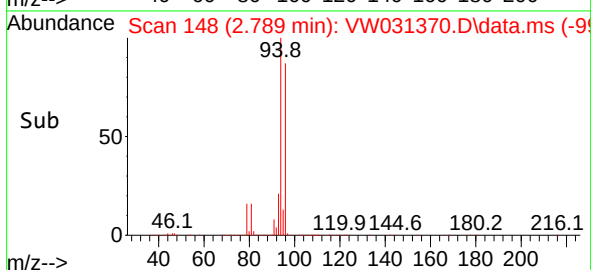
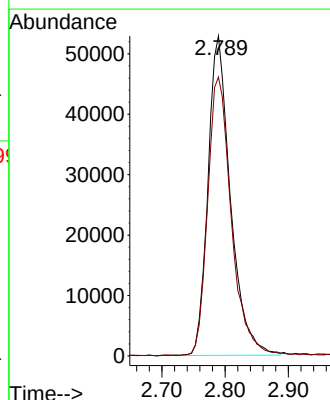
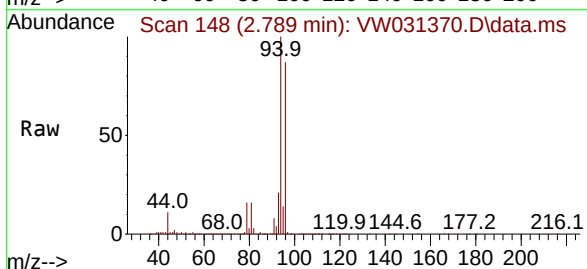
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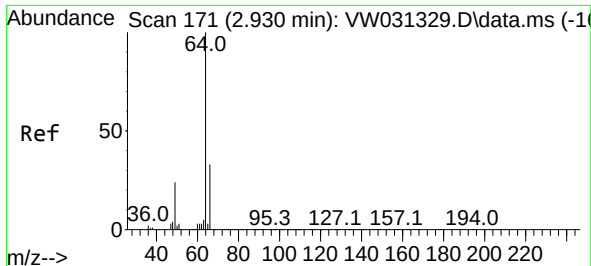
Tgt Ion: 94 Resp: 130821

Ion Ratio Lower Upper

94 100

96 87.2 65.6 121.8

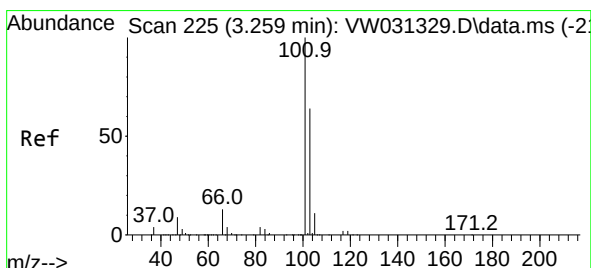
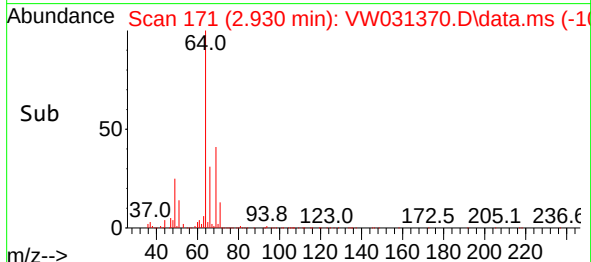
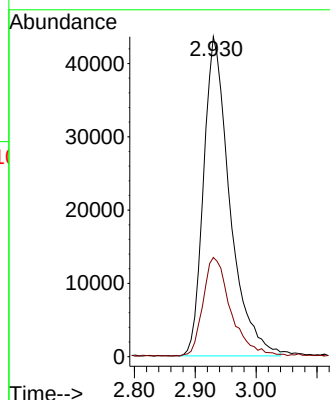
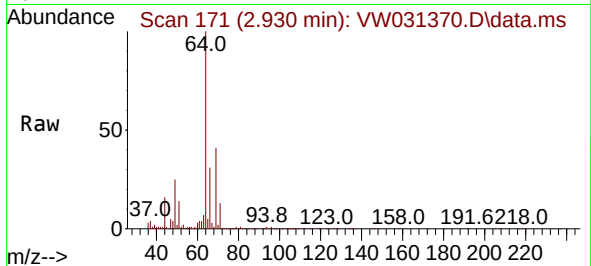




#8
Chloroethane
Concen: 28.523 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

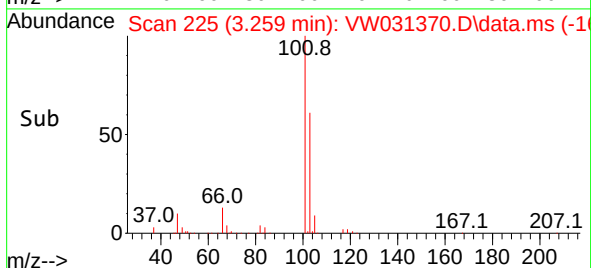
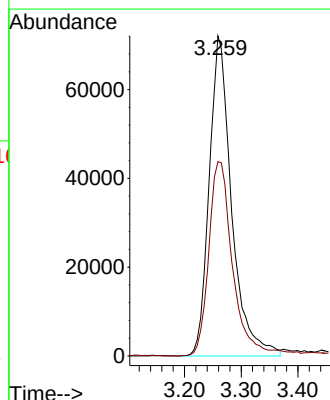
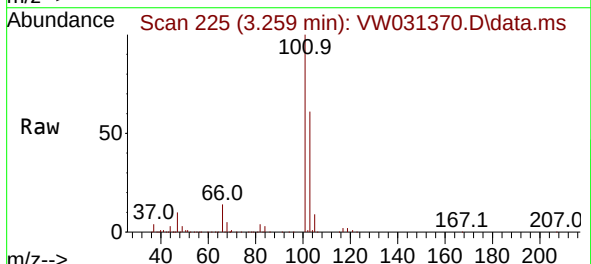
Instrument :
MSVOA_W
ClientSampleId :

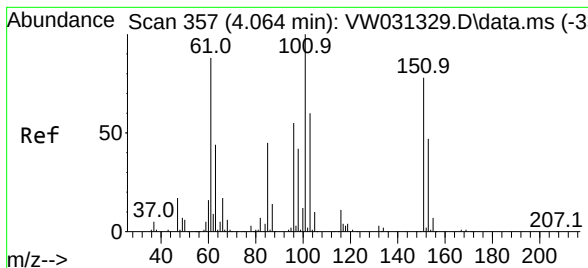
Tgt Ion: 64 Resp: 130558
Ion Ratio Lower Upper
64 100
66 31.0 22.7 42.3



#9
Trichlorofluoromethane
Concen: 24.141 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

Tgt Ion:101 Resp: 197939
Ion Ratio Lower Upper
101 100
103 63.6 51.6 77.4





#10

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

Concen: 27.302 ug/L

RT: 4.070 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

Instrument :

MSVOA_W

ClientSampleId :

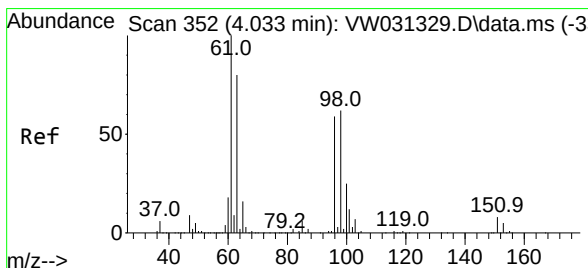
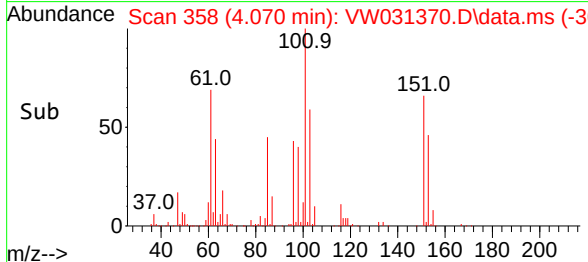
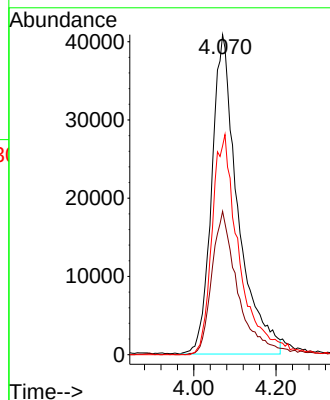
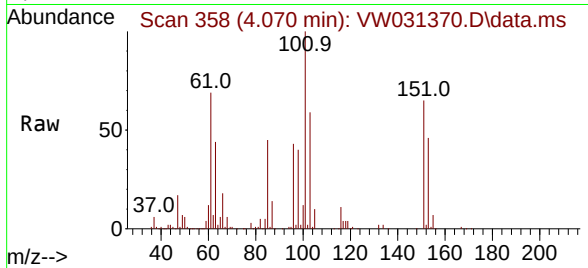
Tgt Ion:101 Resp: 180768

Ion Ratio Lower Upper

101 100

85 44.6 33.0 49.4

151 68.7 54.8 82.2



#12

1,1-Dichloroethene

Concen: 25.937 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.000 min

Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

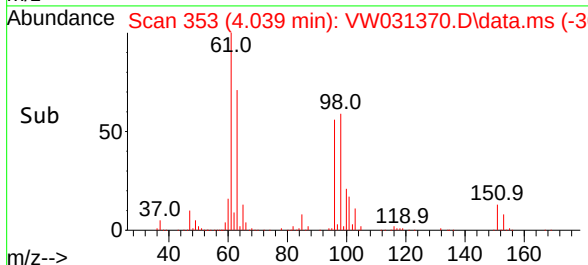
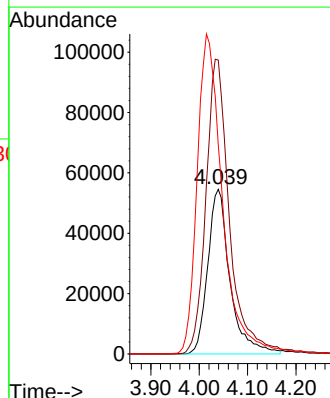
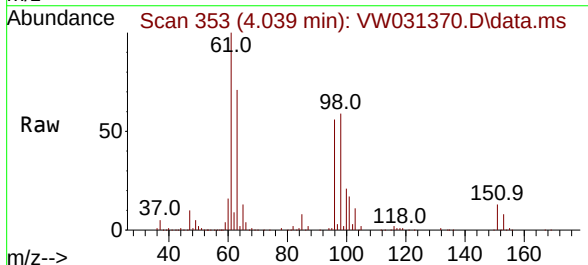
Tgt Ion: 96 Resp: 173934

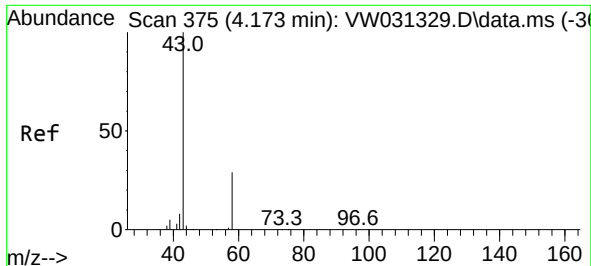
Ion Ratio Lower Upper

96 100

61 178.5 125.3 232.7

63 126.8 104.6 194.2





#13

Acetone

Concen: 49.553 ug/L

RT: 4.173 min Scan# 375

Delta R.T. 0.012 min

Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

Instrument :

MSVOA_W

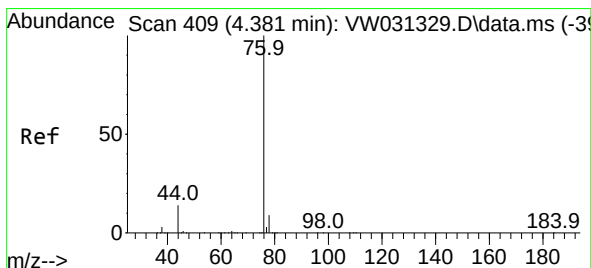
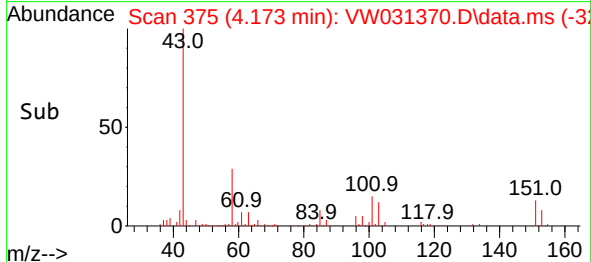
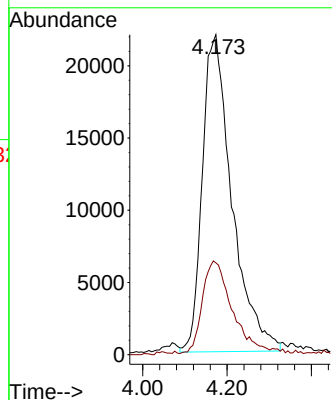
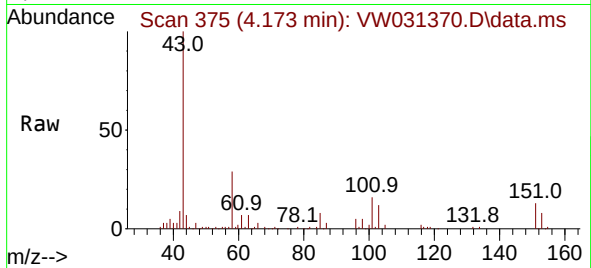
ClientSampleId :

Tgt Ion: 43 Resp: 106966

Ion Ratio Lower Upper

43 100

58 28.3 0.0 0.0#



#14

Carbon disulfide

Concen: 22.045 ug/L

RT: 4.381 min Scan# 409

Delta R.T. -0.006 min

Lab File: VW031370.D

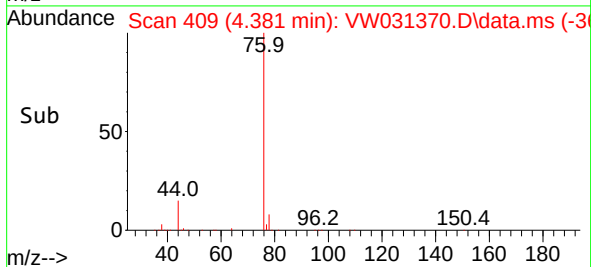
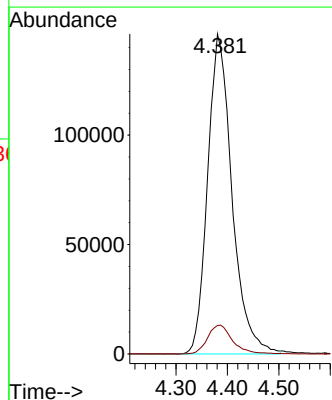
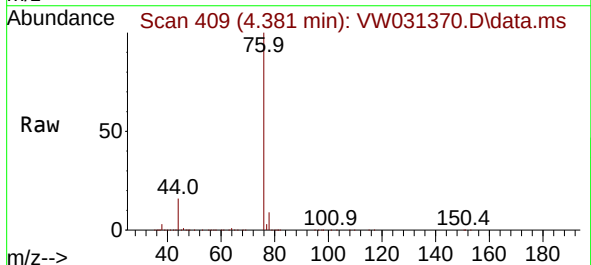
Acq: 19 Dec 2024 08:38

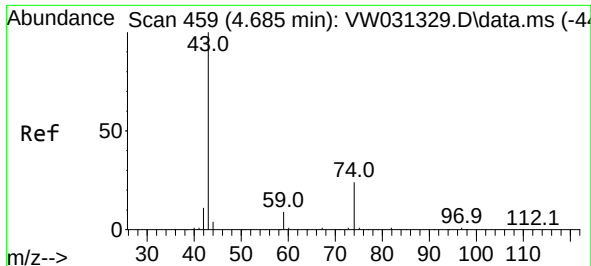
Tgt Ion: 76 Resp: 482131

Ion Ratio Lower Upper

76 100

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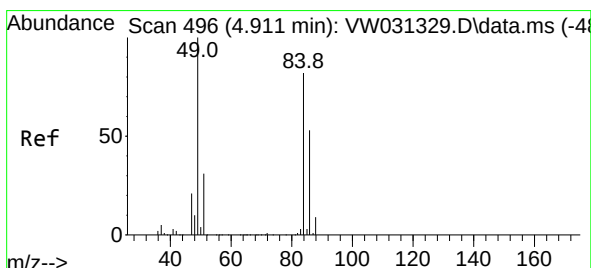
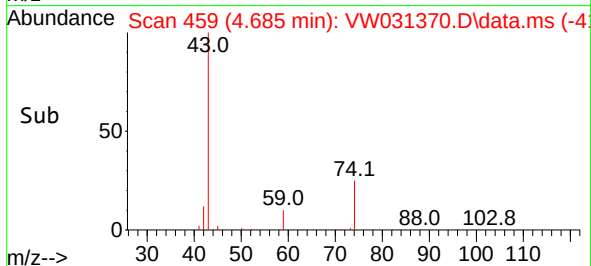
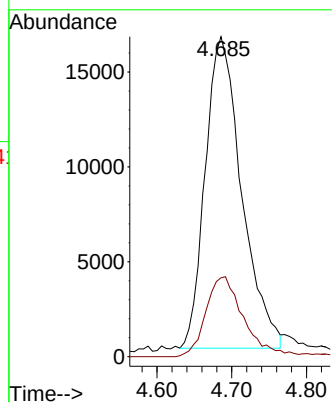
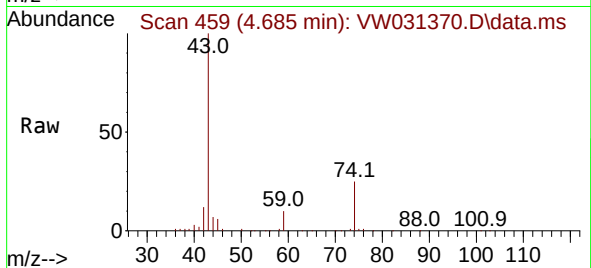




#15
Methyl Acetate
Concen: 22.645 ug/L
RT: 4.685 min Scan# 459
Delta R.T. -0.000 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

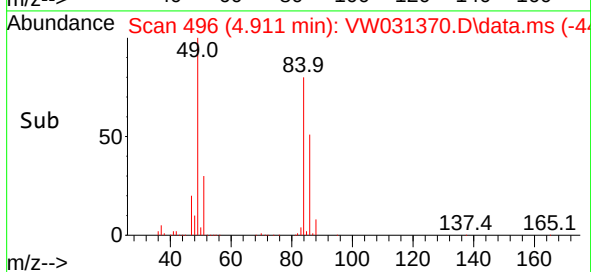
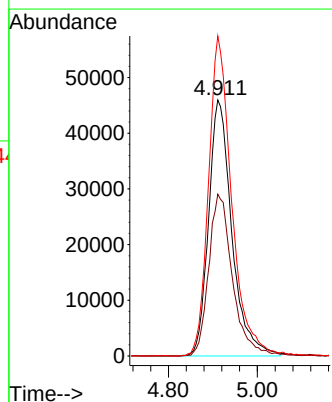
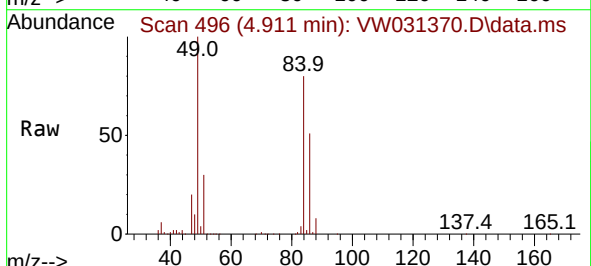
Instrument :
MSVOA_W
ClientSampleId :

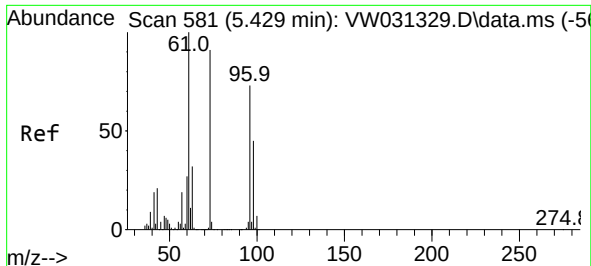
Tgt Ion: 43 Resp: 55520
Ion Ratio Lower Upper
43 100
74 26.2 18.9 28.3



#16
Methylene chloride
Concen: 24.284 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

Tgt Ion: 84 Resp: 167139
Ion Ratio Lower Upper
84 100
86 63.2 44.7 82.9
49 125.0 88.3 164.1

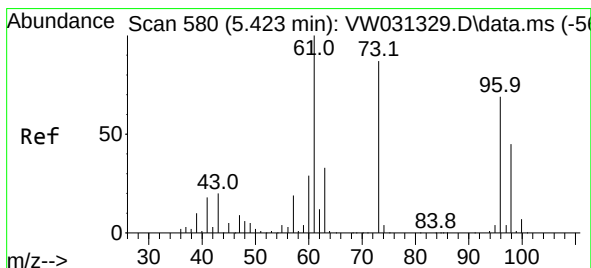
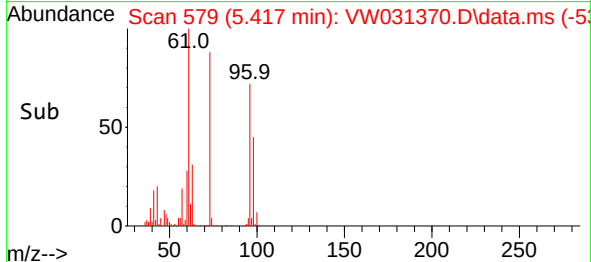
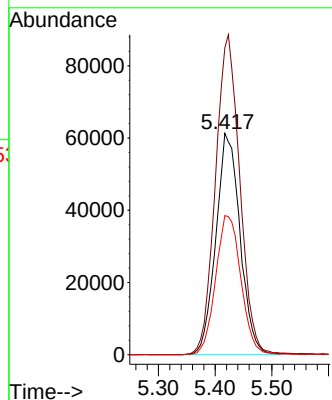
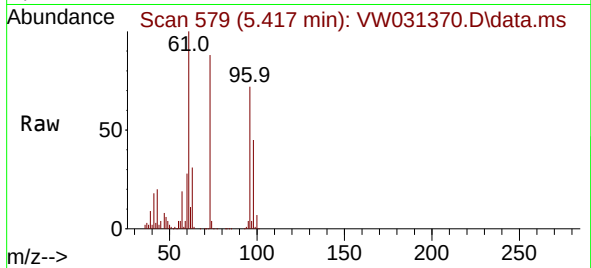




#17
trans-1,2-Dichloroethene
Concen: 25.125 ug/L
RT: 5.417 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

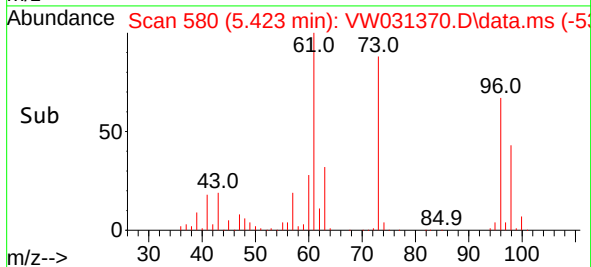
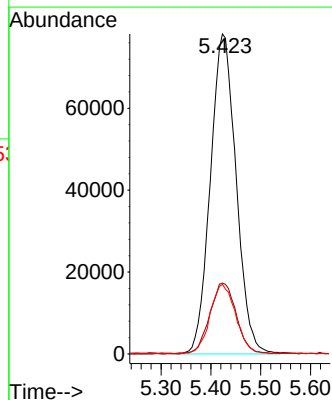
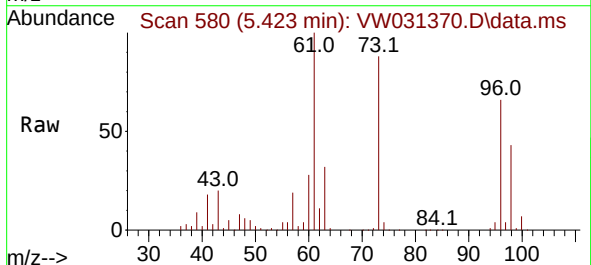
Instrument :
MSVOA_W
ClientSampleId :

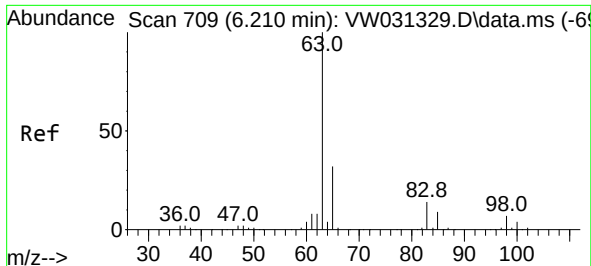
Tgt Ion: 96 Resp: 181616
Ion Ratio Lower Upper
96 100
61 138.7 100.7 187.1
98 62.9 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 23.205 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

Tgt Ion: 73 Resp: 280417
Ion Ratio Lower Upper
73 100
43 22.6 17.9 26.9
57 21.8 17.9 26.9





#19

1,1-Dichloroethane

Concen: 25.459 ug/L

RT: 6.210 min Scan# 709

Delta R.T. -0.006 min

Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

Instrument :

MSVOA_W

ClientSampleId :

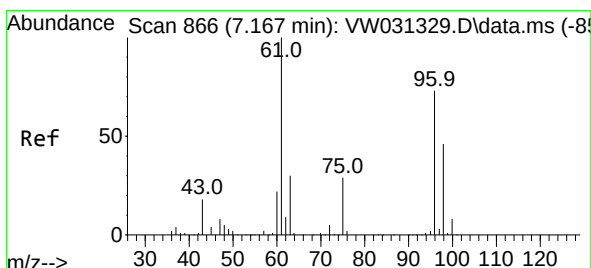
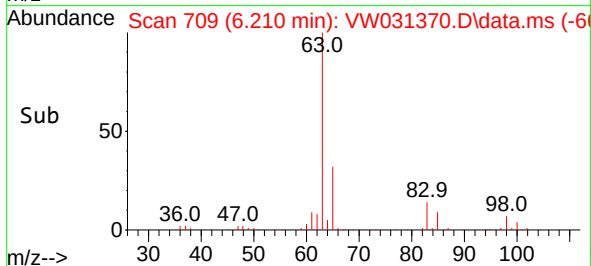
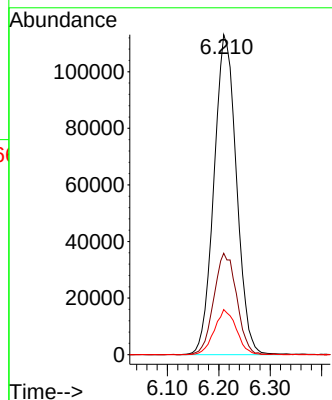
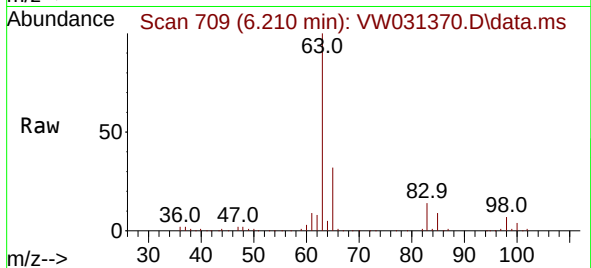
Tgt Ion: 63 Resp: 343894

Ion Ratio Lower Upper

63 100

65 31.7 21.9 40.7

83 14.1 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 25.695 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

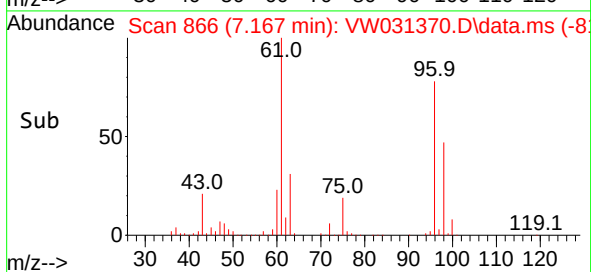
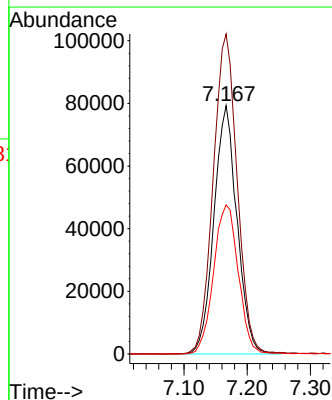
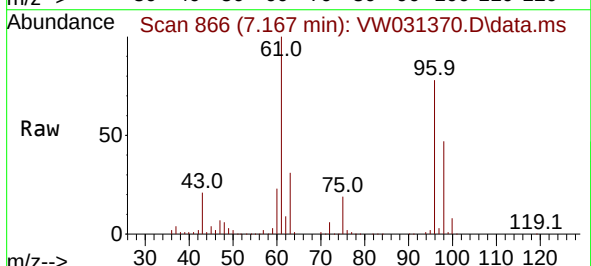
Tgt Ion: 96 Resp: 200954

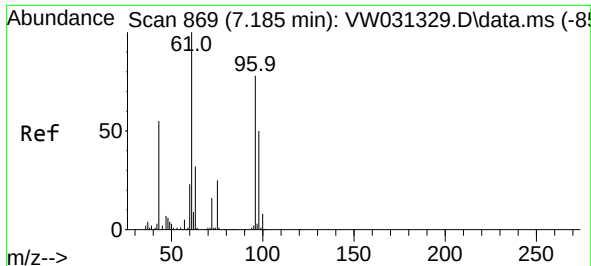
Ion Ratio Lower Upper

96 100

61 128.9 92.2 171.2

98 60.1 43.7 81.1

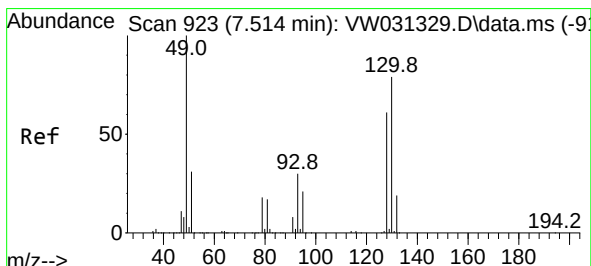
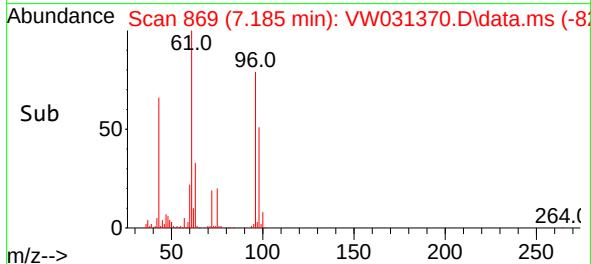
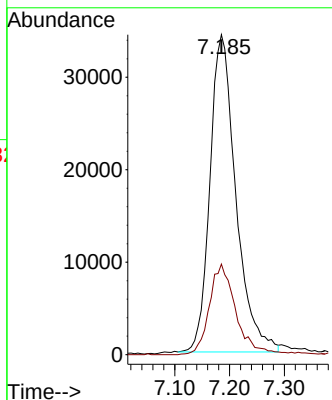
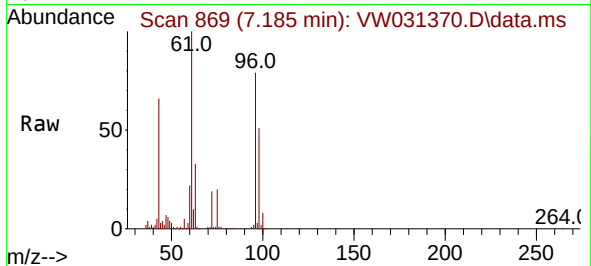




#22
2-Butanone
Concen: 43.106 ug/L
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

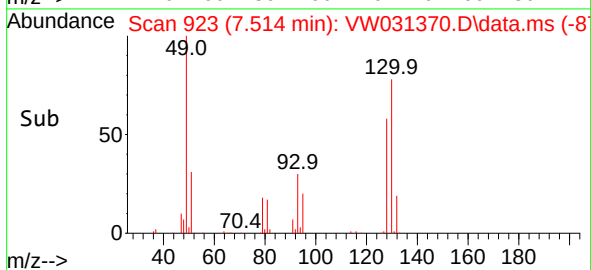
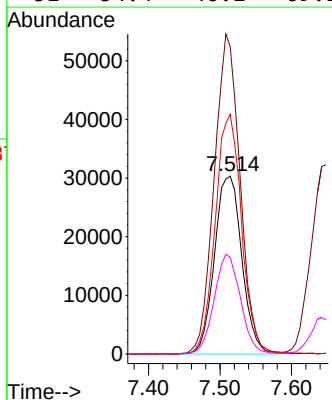
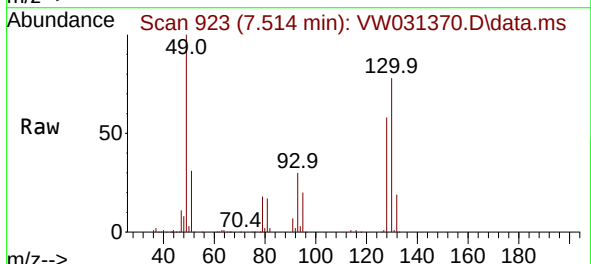
Instrument :
MSVOA_W
ClientSampleId :

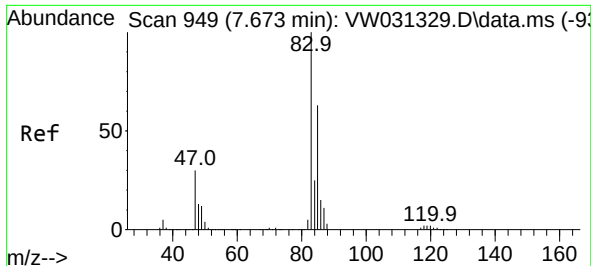
Tgt Ion: 43 Resp: 112745
Ion Ratio Lower Upper
43 100
72 29.1 13.3 39.8



#23
Bromochloromethane
Concen: 25.830 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

Tgt Ion:128 Resp: 80565
Ion Ratio Lower Upper
128 100
49 172.8 123.7 229.7
130 134.8 90.3 167.7
51 54.4 46.1 69.1

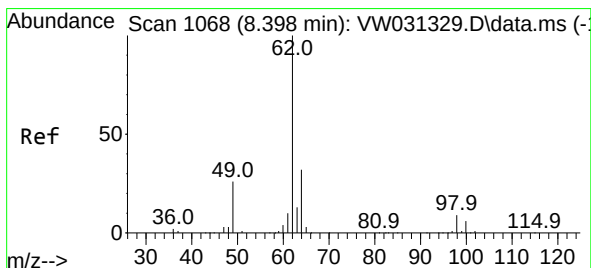
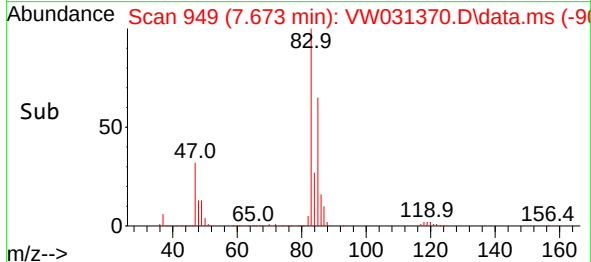
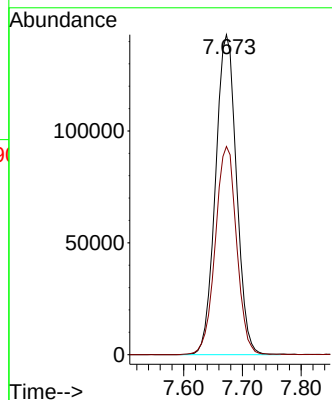
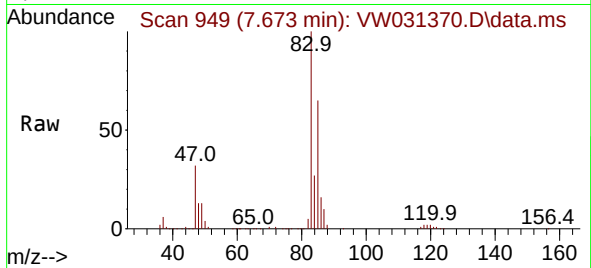




#25
Chloroform
Concen: 26.572 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

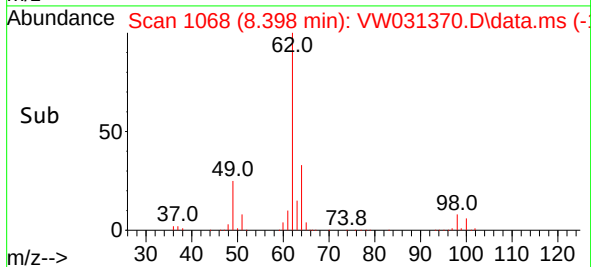
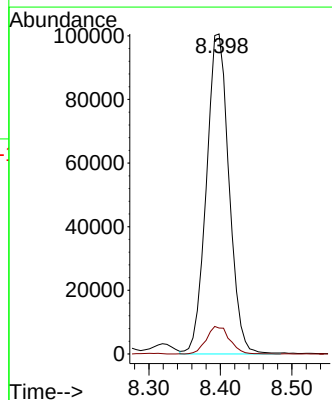
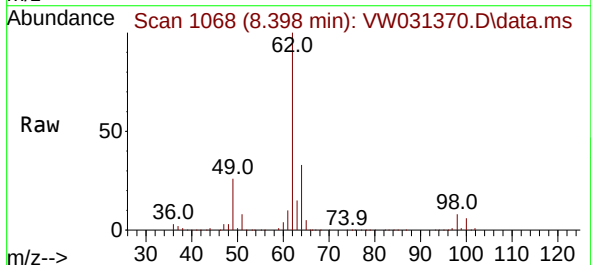
Instrument :
MSVOA_W
ClientSampleId :

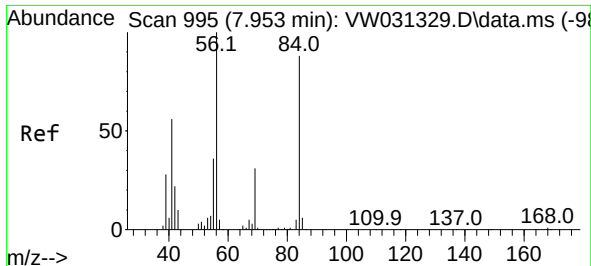
Tgt Ion: 83 Resp: 354242
Ion Ratio Lower Upper
83 100
85 65.0 46.1 85.5



#27
1,2-Dichloroethane
Concen: 26.398 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

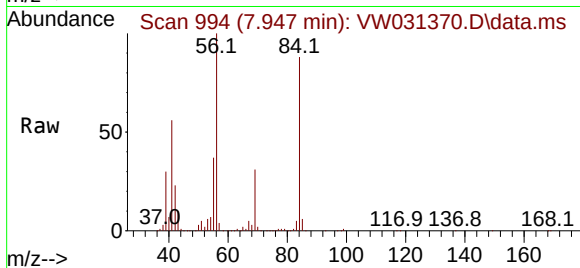
Tgt Ion: 62 Resp: 221243
Ion Ratio Lower Upper
62 100
98 8.1 7.2 10.8



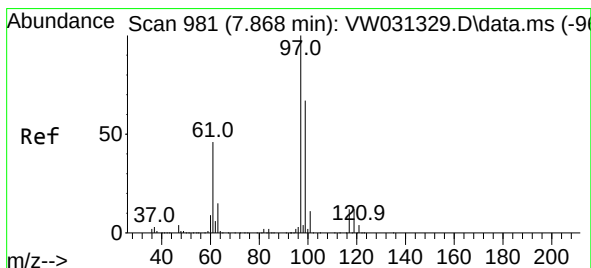
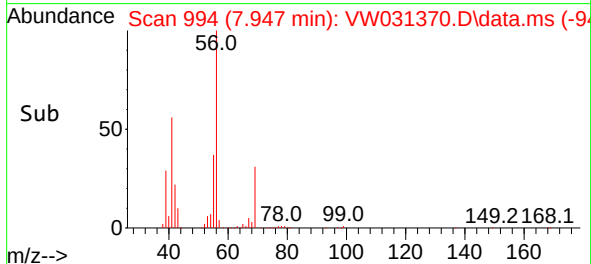
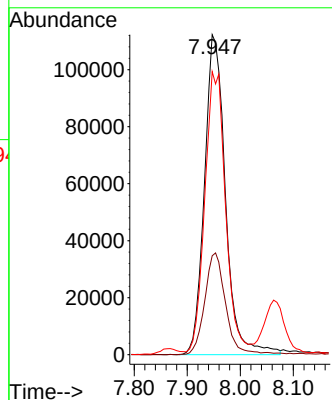


#29
Cyclohexane
Concen: 24.547 ug/L
RT: 7.947 min Scan# 994
Delta R.T. -0.006 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

Instrument :
MSVOA_W
ClientSampleId :

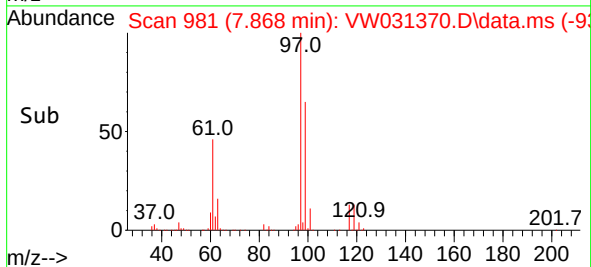
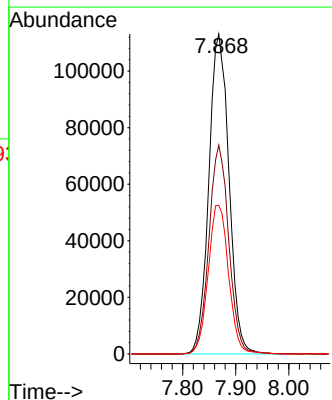
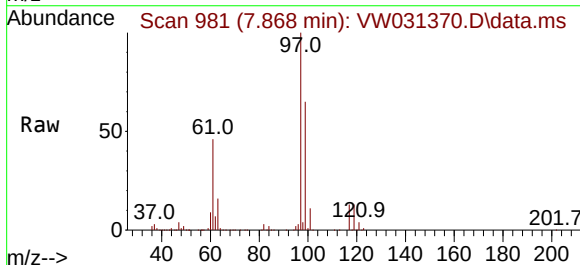


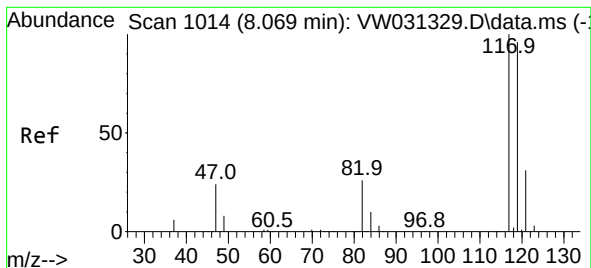
Tgt Ion: 56 Resp: 308544
Ion Ratio Lower Upper
56 100
69 31.2 25.0 37.4
84 87.1 68.9 103.3



#30
1,1,1-Trichloroethane
Concen: 24.891 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

Tgt Ion: 97 Resp: 298193
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 47.1 36.3 54.5





#31

Carbon tetrachloride

Concen: 25.341 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.006 min

Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

Instrument :

MSVOA_W

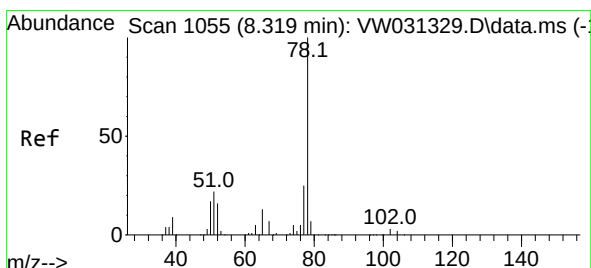
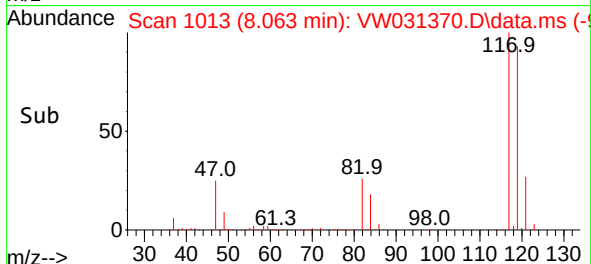
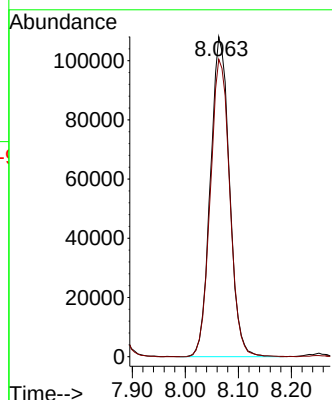
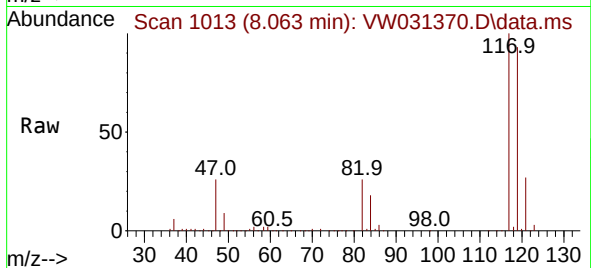
ClientSampleId :

Tgt Ion:117 Resp: 270465

Ion Ratio Lower Upper

117 100

119 94.8 76.0 114.0



#33

Benzene

Concen: 25.903 ug/L

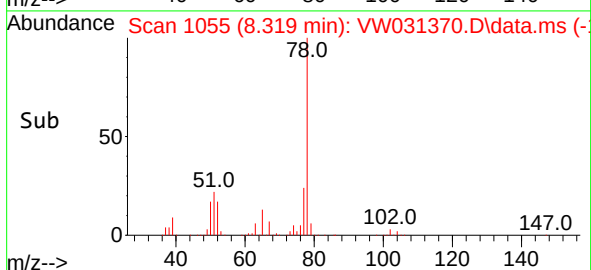
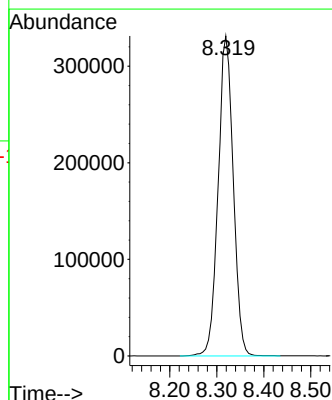
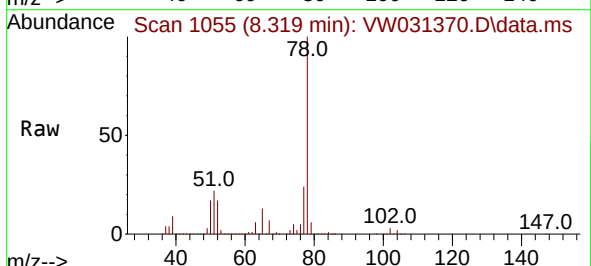
RT: 8.319 min Scan# 1055

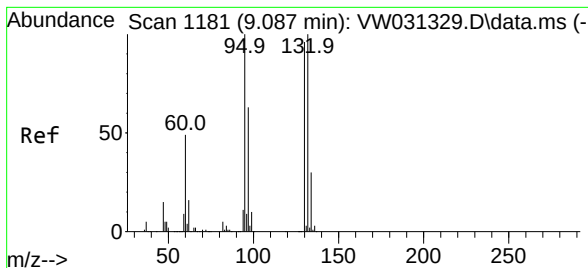
Delta R.T. -0.000 min

Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

Tgt Ion: 78 Resp: 741943





#34

Trichloroethene

Concen: 25.790 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

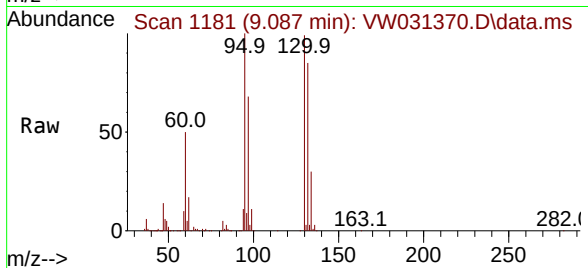
Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 208550

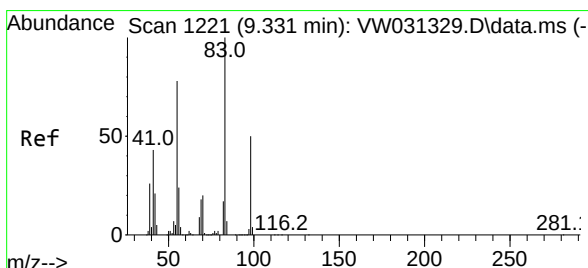
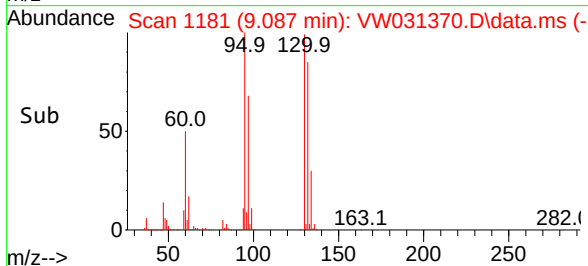
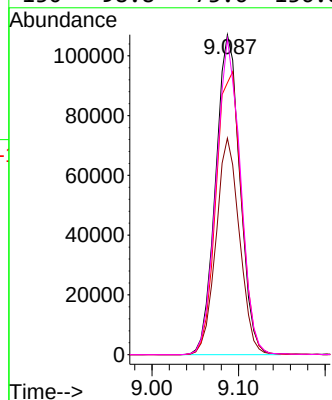
Ion Ratio Lower Upper

95 100

97 67.7 46.5 86.3

132 84.9 70.3 130.5

130 98.8 73.6 136.8



#35

Methylcyclohexane

Concen: 24.869 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

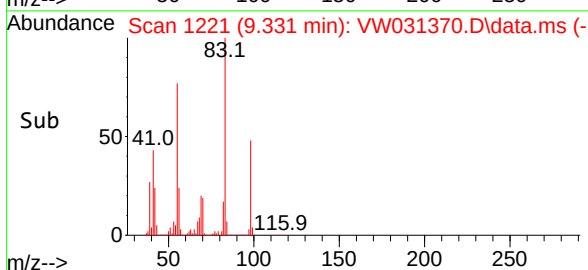
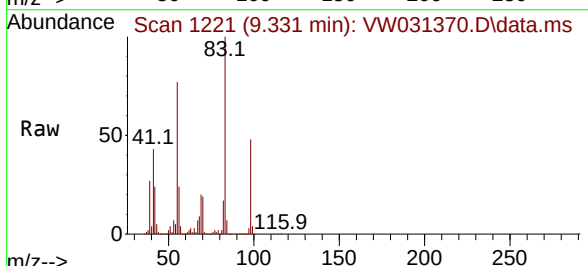
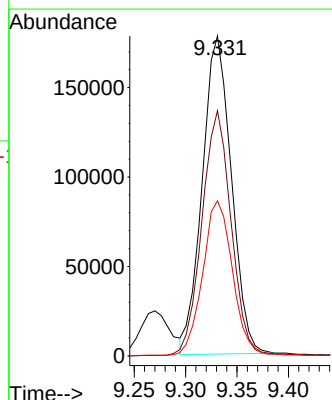
Tgt Ion: 83 Resp: 350215

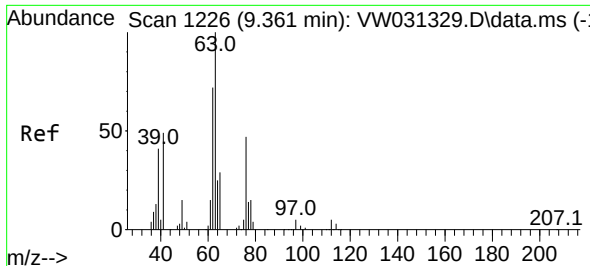
Ion Ratio Lower Upper

83 100

55 77.4 62.6 93.8

98 49.5 39.8 59.6





#37

1,2-Dichloropropane

Concen: 25.311 ug/L

RT: 9.361 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

Instrument :

MSVOA_W

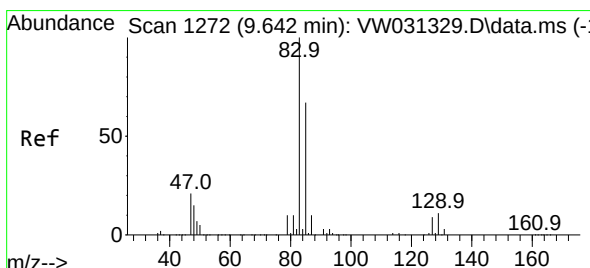
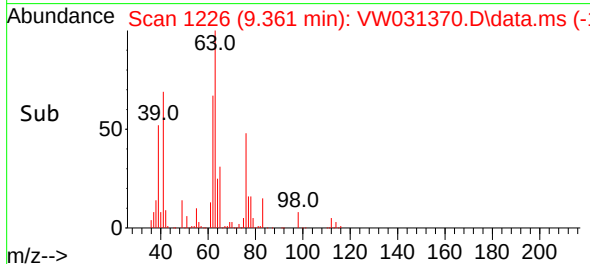
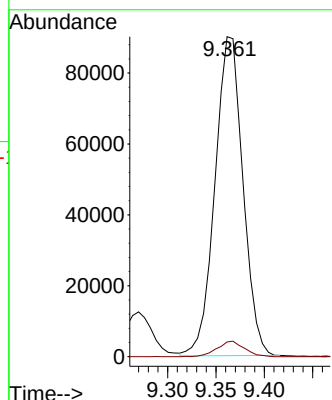
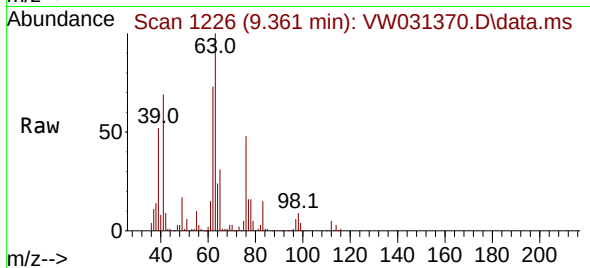
ClientSampleId :

Tgt Ion: 63 Resp: 180860

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 25.300 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

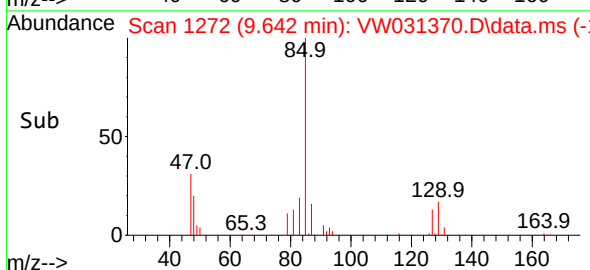
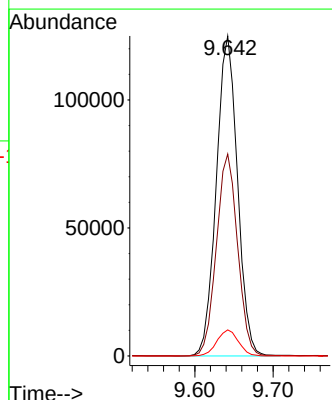
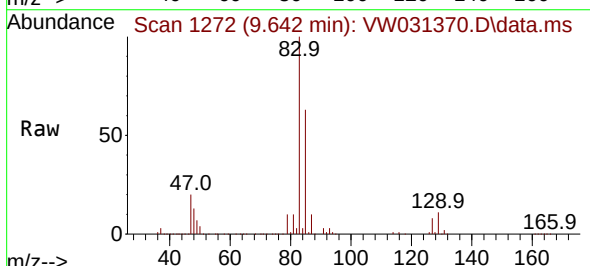
Tgt Ion: 83 Resp: 235015

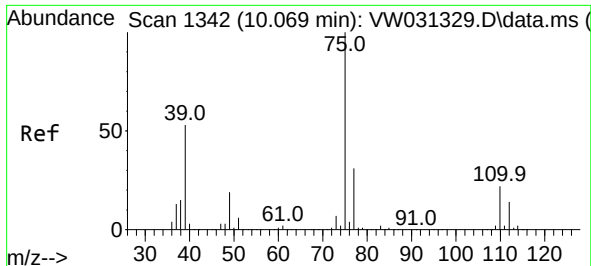
Ion Ratio Lower Upper

83 100

85 63.1 46.5 86.5

127 8.1 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 24.766 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

Instrument :

MSVOA_W

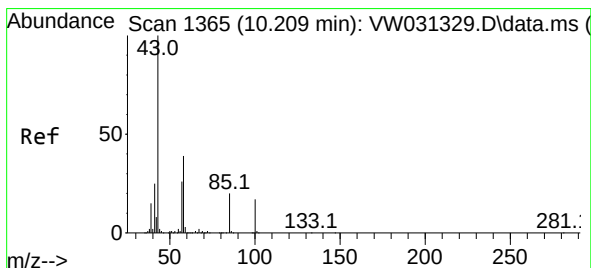
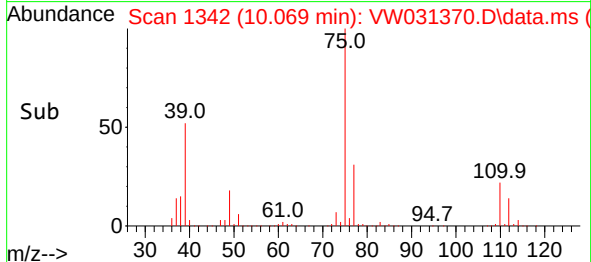
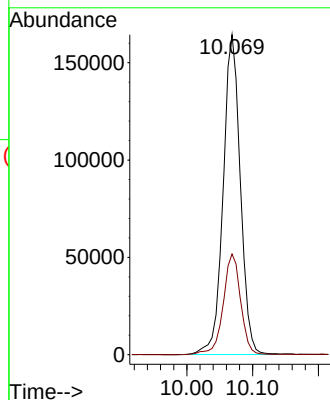
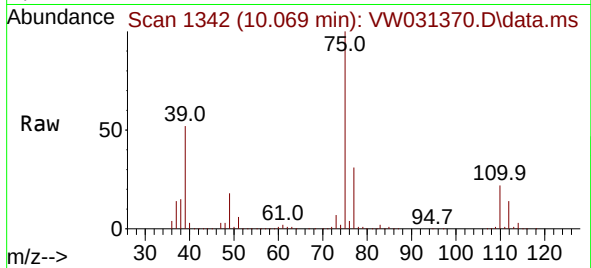
ClientSampleId :

Tgt Ion: 75 Resp: 299038

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 47.864 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

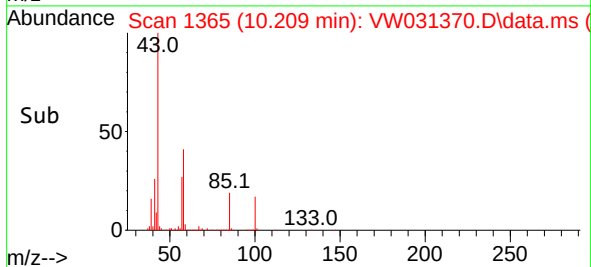
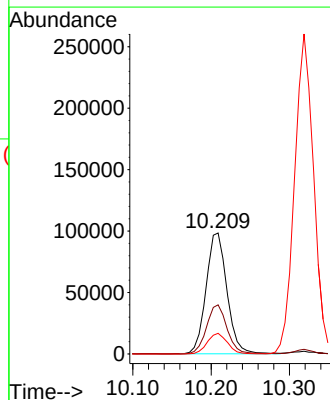
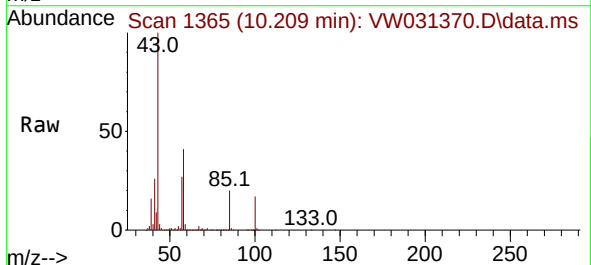
Tgt Ion: 43 Resp: 181449

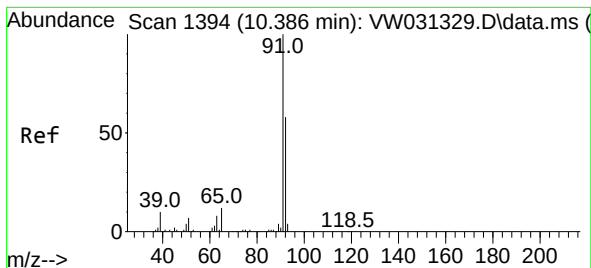
Ion Ratio Lower Upper

43 100

58 40.2 31.1 46.7

100 16.5 13.0 19.6





#42

Toluene

Concen: 26.394 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

Instrument :

MSVOA_W

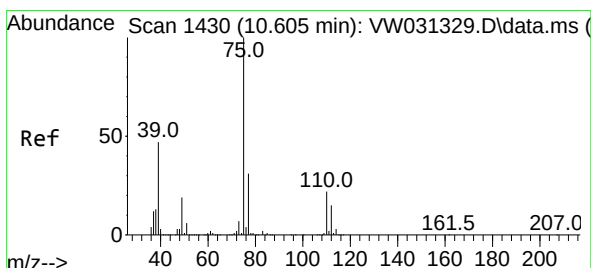
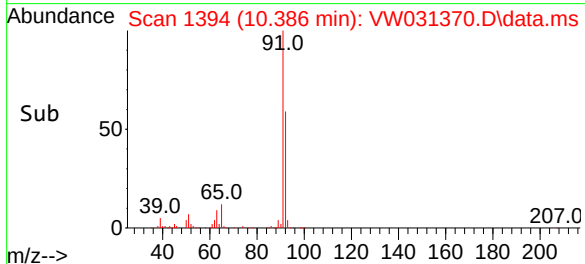
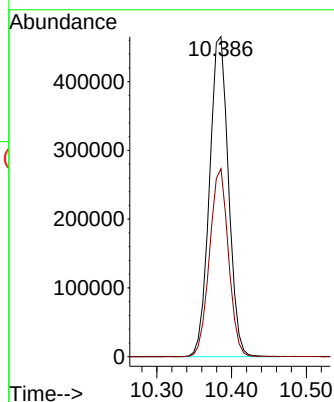
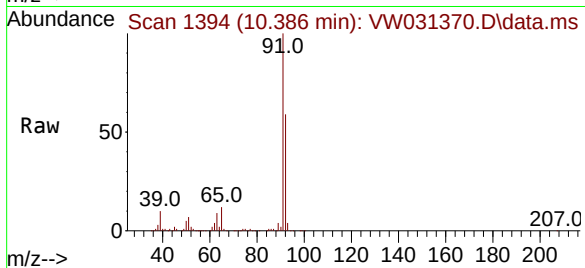
ClientSampleId :

Tgt Ion: 91 Resp: 823085

Ion Ratio Lower Upper

91 100

92 58.7 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 24.530 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW031370.D

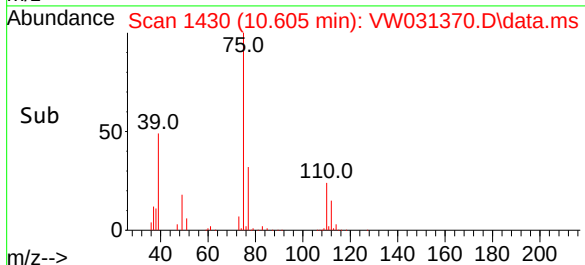
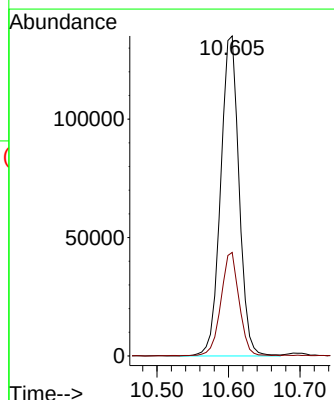
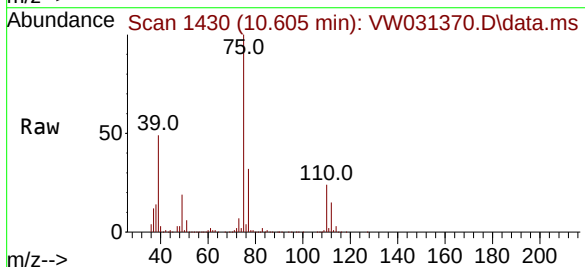
Acq: 19 Dec 2024 08:38

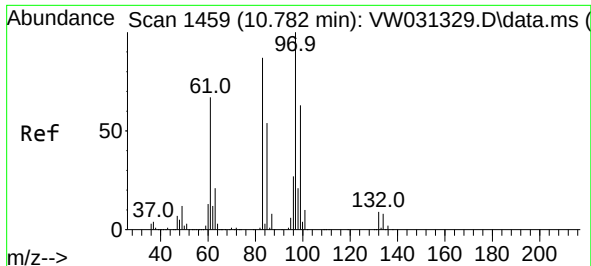
Tgt Ion: 75 Resp: 241844

Ion Ratio Lower Upper

75 100

77 32.4 21.2 39.4

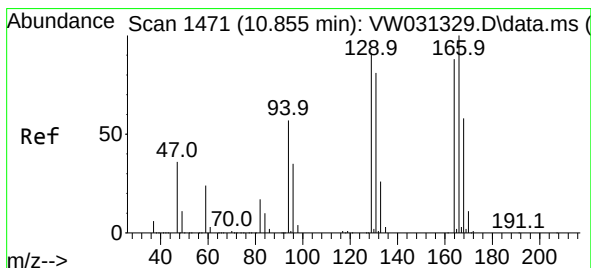
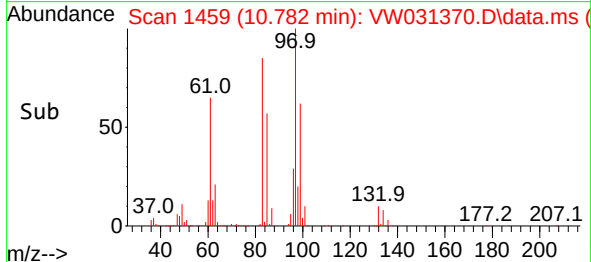
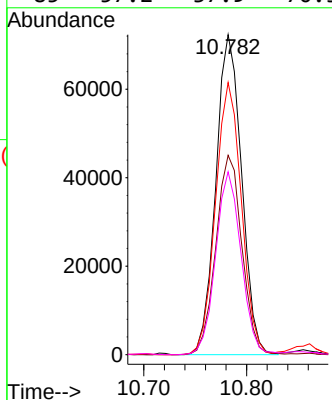
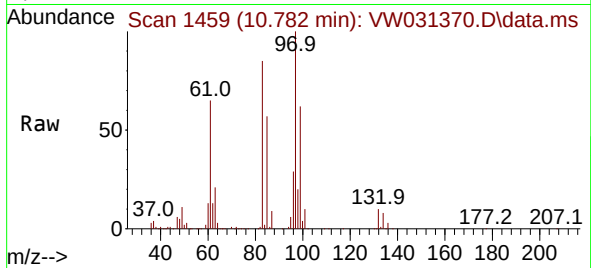




#45
1,1,2-Trichloroethane
Concen: 26.457 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

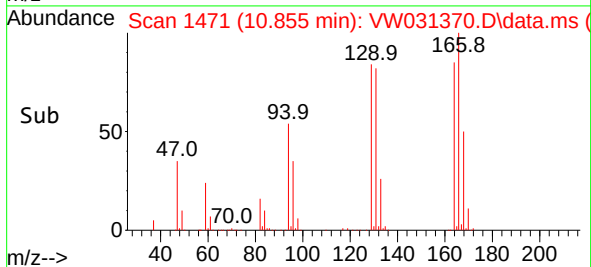
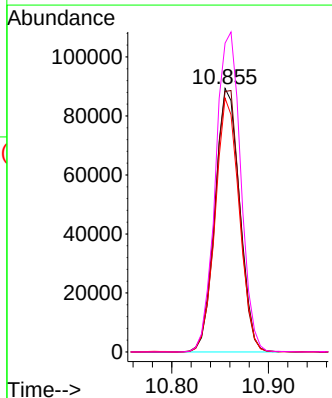
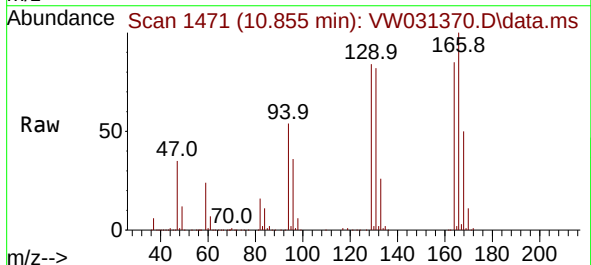
Instrument :
MSVOA_W
ClientSampleId :

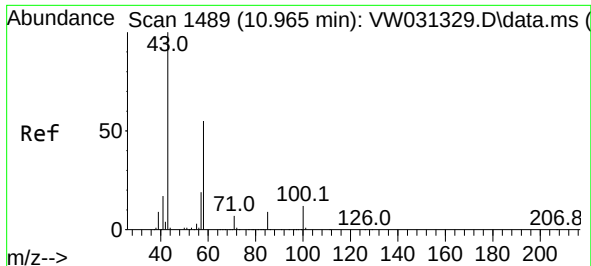
Tgt Ion:	97	Resp:	125744
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.0	80.0
83	85.0	56.4	104.7
85	57.2	37.9	70.3



#46
Tetrachloroethene
Concen: 26.461 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

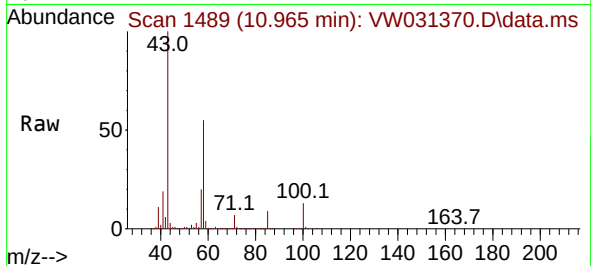
Tgt Ion:	164	Resp:	156734
Ion	Ratio	Lower	Upper
164	100		
129	98.9	73.5	136.5
131	96.3	66.6	123.8
166	117.2	92.7	172.3



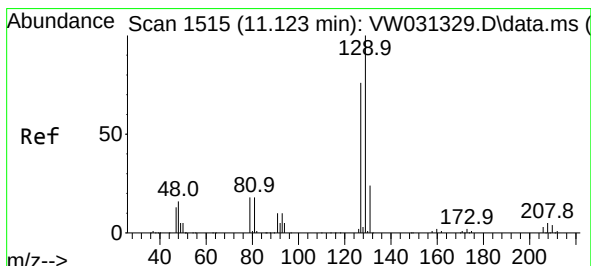
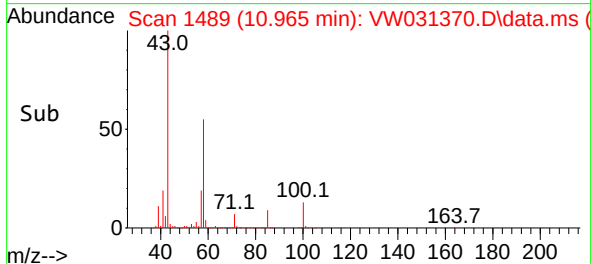
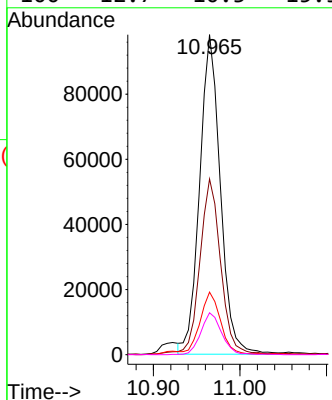


#48
2-Hexanone
Concen: 50.702 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

Instrument :
MSVOA_W
ClientSampleId :

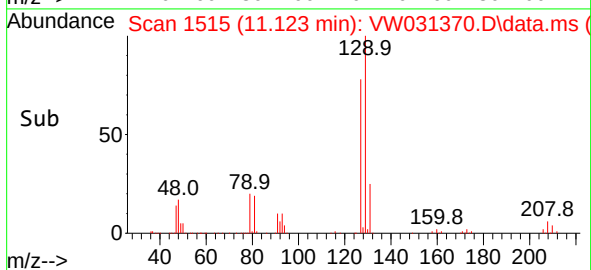
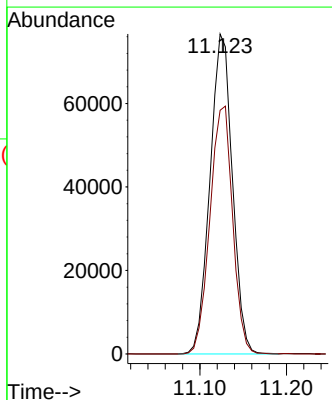
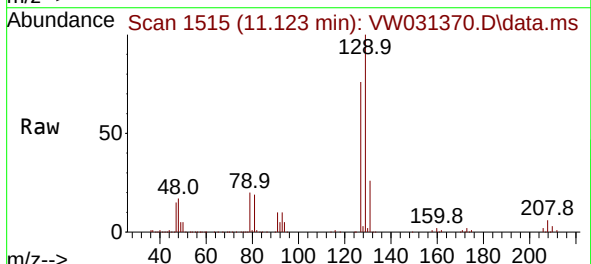


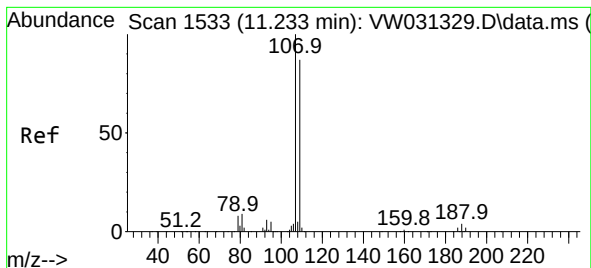
Tgt Ion: 43 Resp: 163472
Ion Ratio Lower Upper
43 100
58 55.5 43.0 64.6
57 19.2 15.7 23.5
100 12.7 10.3 15.5



#49
Dibromochloromethane
Concen: 24.485 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

Tgt Ion:129 Resp: 137943
Ion Ratio Lower Upper
129 100
127 76.1 57.6 107.0





#50

1,2-Dibromoethane

Concen: 26.194 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min MSVOA_W

Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

Instrument :

MSVOA_W

ClientSampleId :

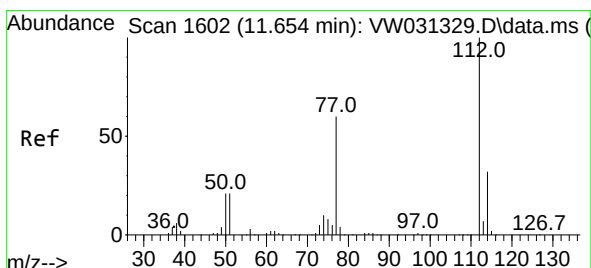
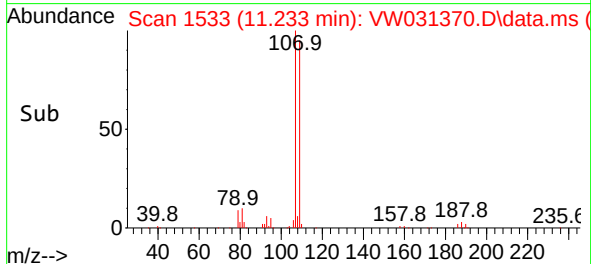
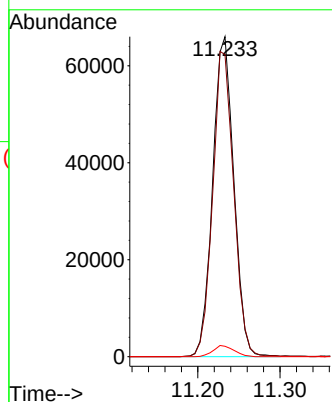
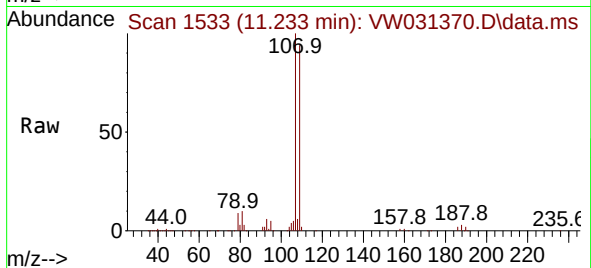
Tgt Ion:107 Resp: 117935

Ion Ratio Lower Upper

107 100

109 94.4 63.2 117.4

188 3.3 2.6 4.0



#51

Chlorobenzene

Concen: 25.575 ug/L

RT: 11.648 min Scan# 1601

Delta R.T. -0.006 min

Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

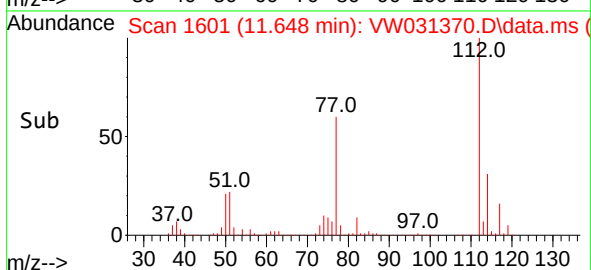
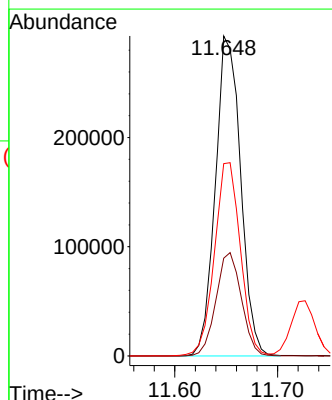
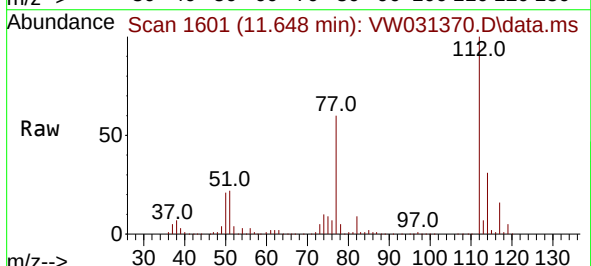
Tgt Ion:112 Resp: 500044

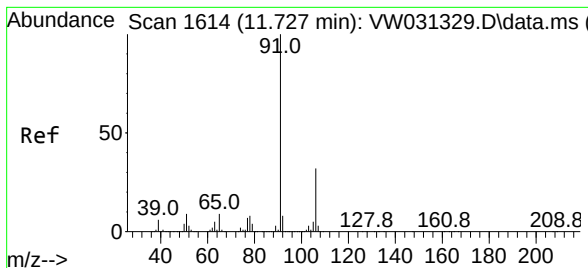
Ion Ratio Lower Upper

112 100

114 30.5 22.7 42.3

77 60.1 50.2 75.4

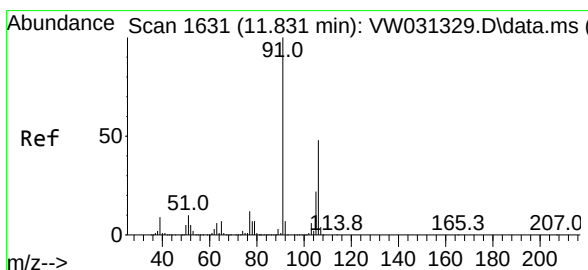
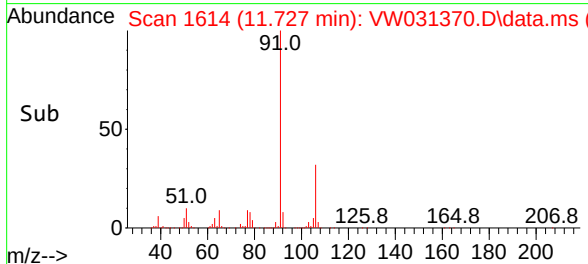
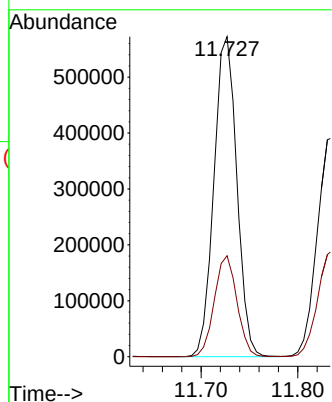
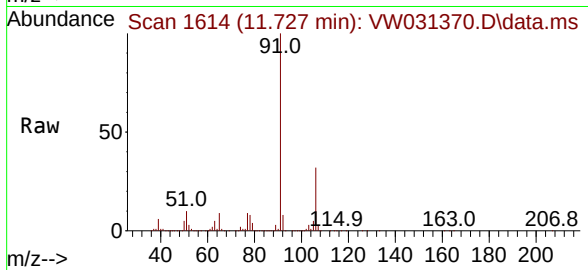




#52
Ethylbenzene
Concen: 26.033 ug/L
RT: 11.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

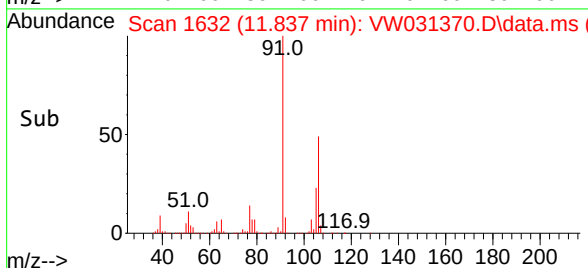
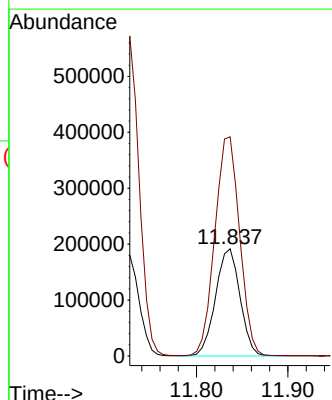
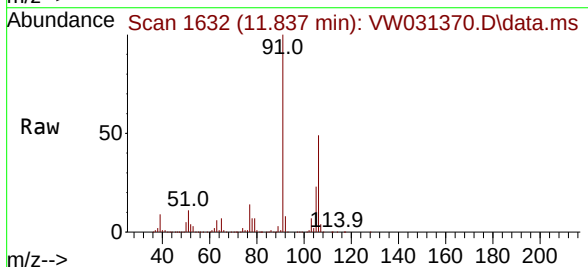
Instrument :
MSVOA_W
ClientSampleId :

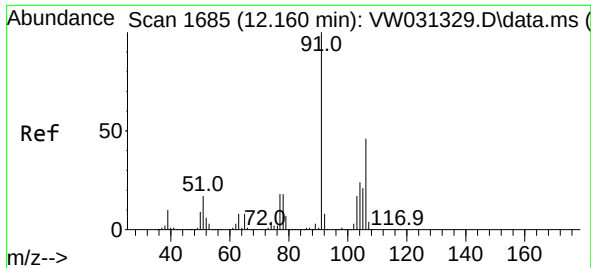
Tgt Ion: 91 Resp: 940878
Ion Ratio Lower Upper
91 100
106 31.6 20.7 38.5



#53
m,p-Xylene
Concen: 25.923 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

Tgt Ion:106 Resp: 356677
Ion Ratio Lower Upper
106 100
91 204.5 139.9 259.7

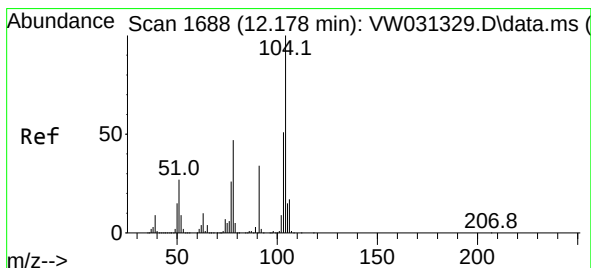
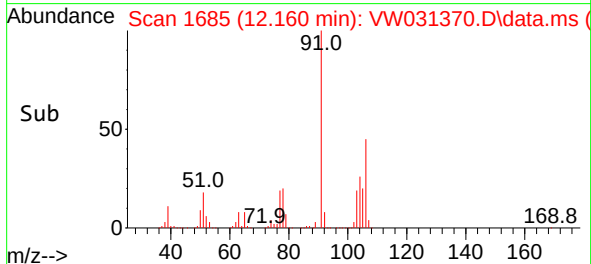
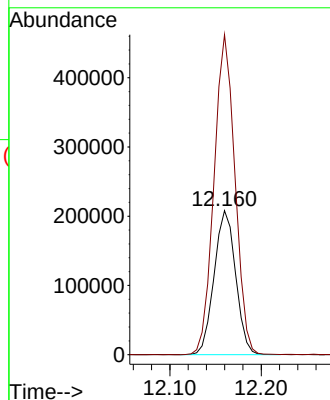
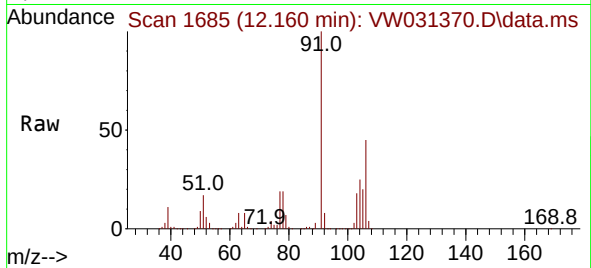




#54
o-Xylene
Concen: 26.230 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

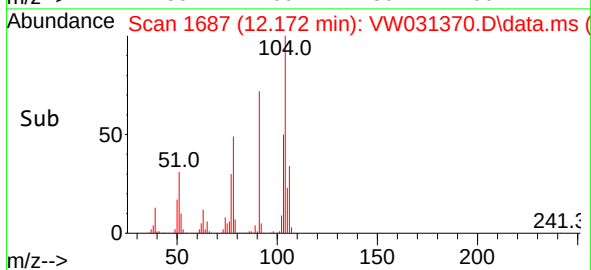
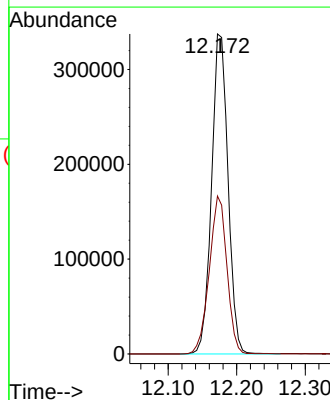
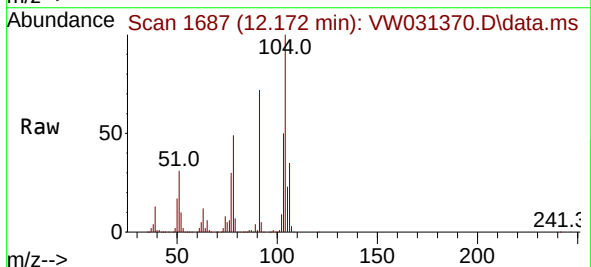
Instrument :
MSVOA_W
ClientSampleId :

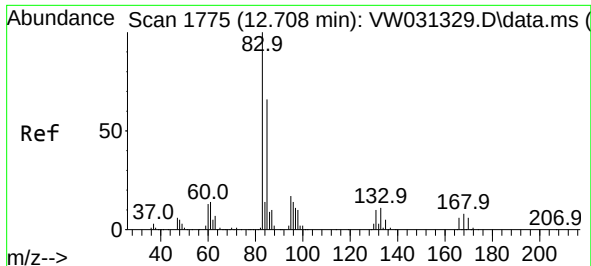
Tgt Ion:106 Resp: 340126
Ion Ratio Lower Upper
106 100
91 222.2 153.1 284.3



#55
Styrene
Concen: 26.069 ug/L
RT: 12.172 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

Tgt Ion:104 Resp: 562293
Ion Ratio Lower Upper
104 100
78 49.4 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 27.066 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

Instrument :

MSVOA_W

ClientSampleId :

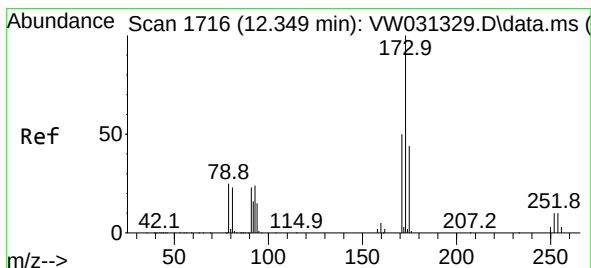
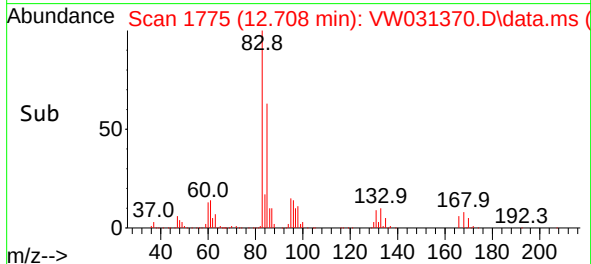
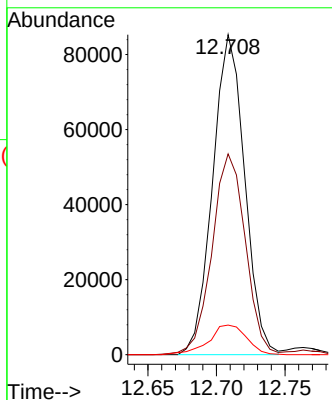
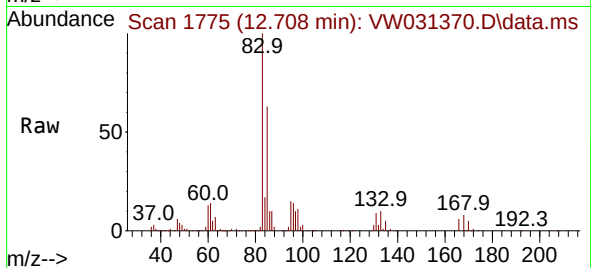
Tgt Ion: 83 Resp: 138672

Ion Ratio Lower Upper

83 100

85 62.8 44.1 81.9

131 9.3 7.9 11.9



#59

Bromoform

Concen: 21.744 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.000 min

Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

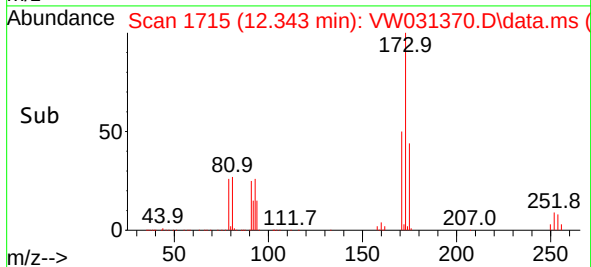
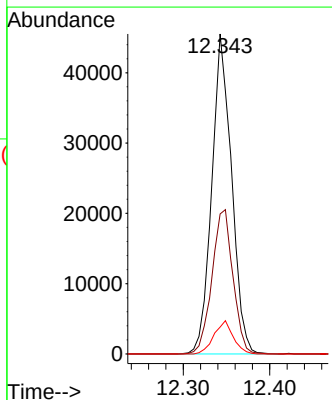
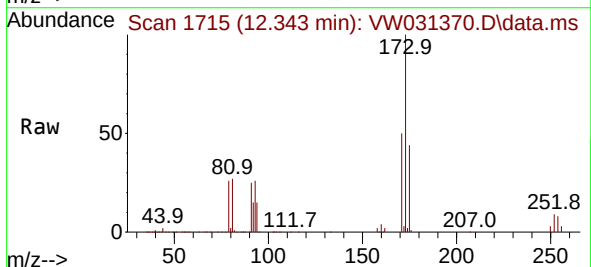
Tgt Ion:173 Resp: 72231

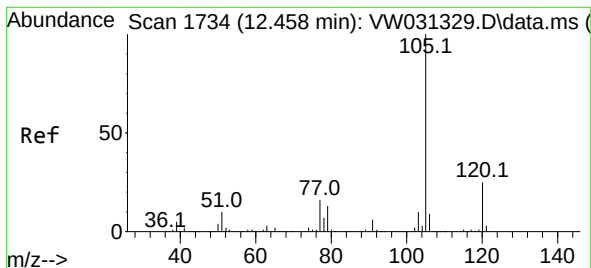
Ion Ratio Lower Upper

173 100

175 47.9 38.6 57.8

254 10.1 7.6 11.4





#60

Isopropylbenzene

Concen: 25.114 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

Instrument :

MSVOA_W

ClientSampleId :

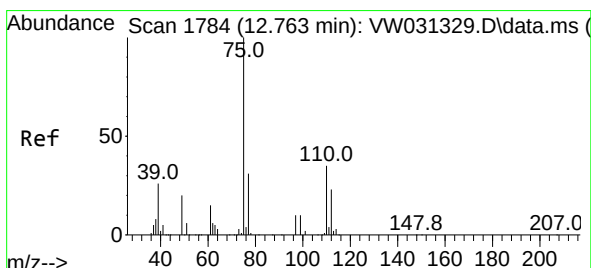
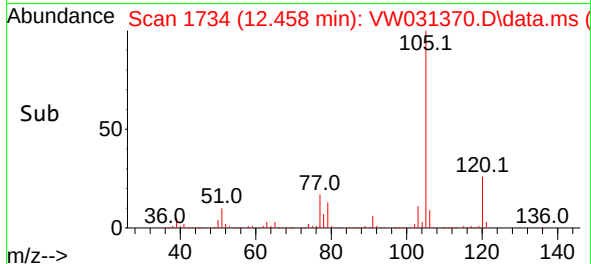
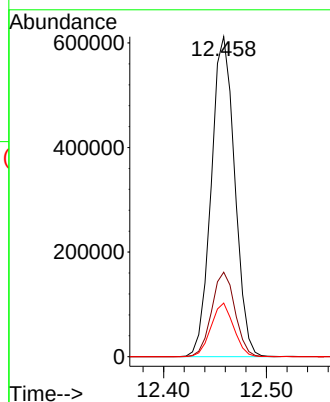
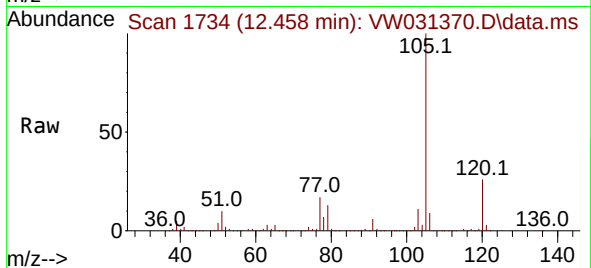
Tgt Ion:105 Resp: 971807

Ion Ratio Lower Upper

105 100

120 26.2 20.6 31.0

77 16.2 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 24.728 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

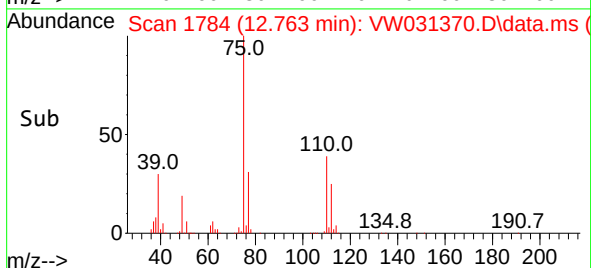
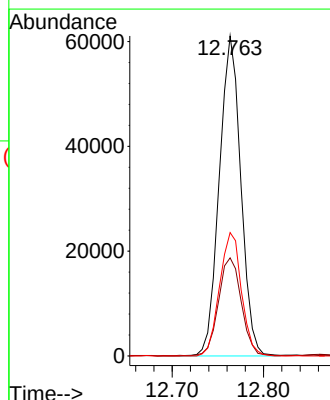
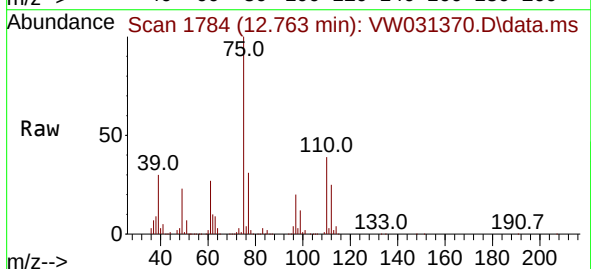
Tgt Ion: 75 Resp: 100055

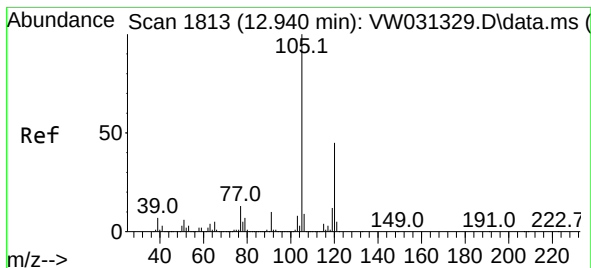
Ion Ratio Lower Upper

75 100

77 32.6 25.3 37.9

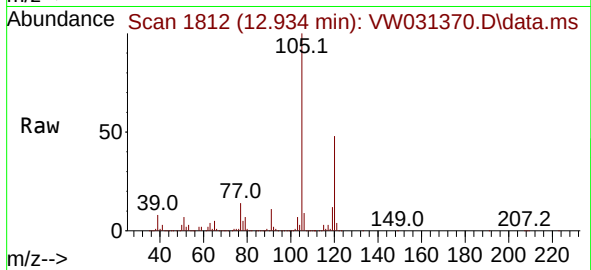
110 39.1 31.2 46.8



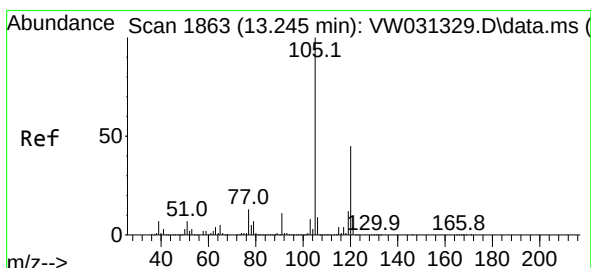
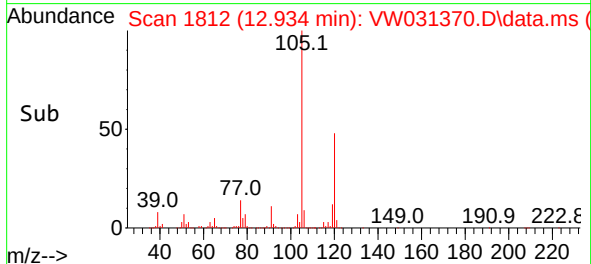
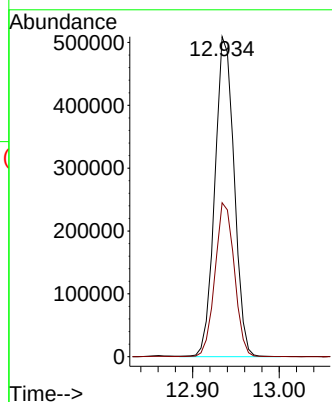


#62
1,3,5-Trimethylbenzene
Concen: 24.071 ug/L
RT: 12.934 min Scan# 1812
Delta R.T. -0.006 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

Instrument :
MSVOA_W
ClientSampleId :

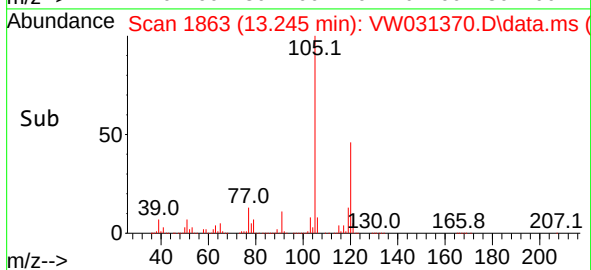
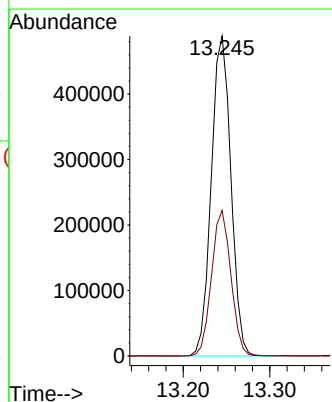
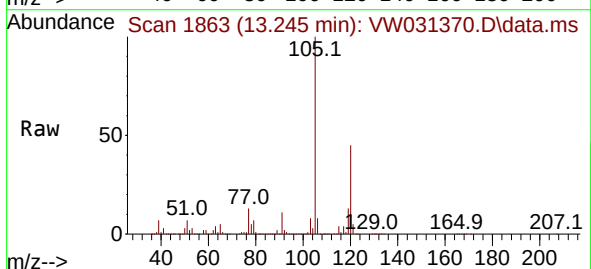


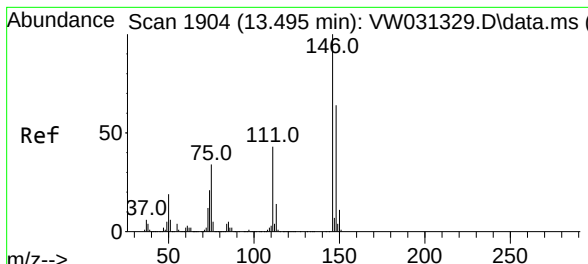
Tgt Ion:105 Resp: 789711
Ion Ratio Lower Upper
105 100
120 48.1 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 24.254 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

Tgt Ion:105 Resp: 769067
Ion Ratio Lower Upper
105 100
120 44.7 35.0 52.4



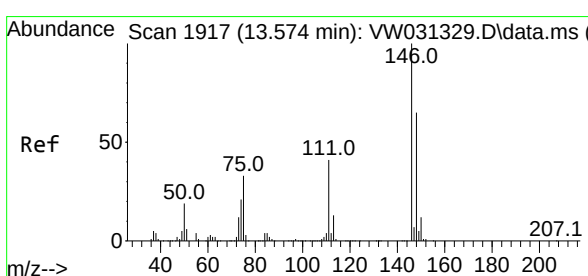
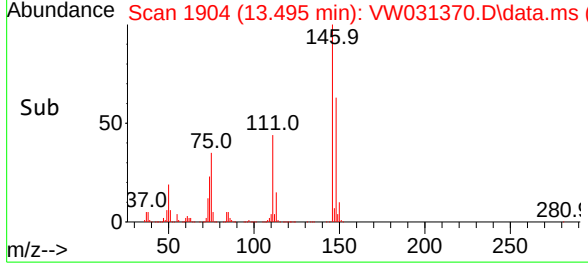
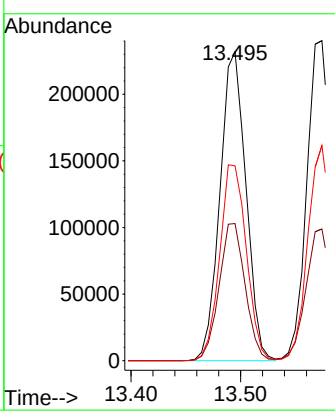
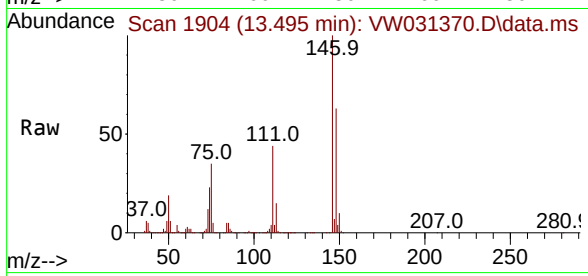


#64
 1,3-Dichlorobenzene
 Concen: 24.352 ug/L
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW031370.D
 Acq: 19 Dec 2024 08:38

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:146 Resp: 381800

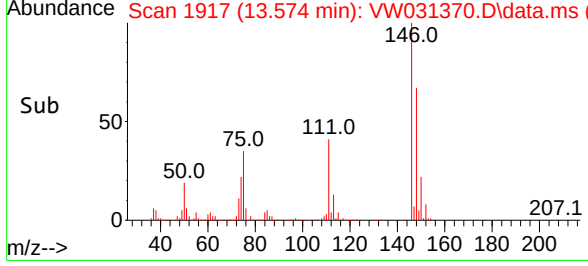
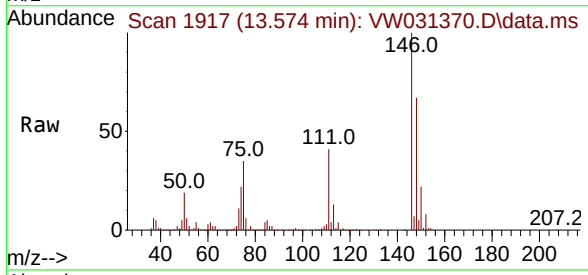
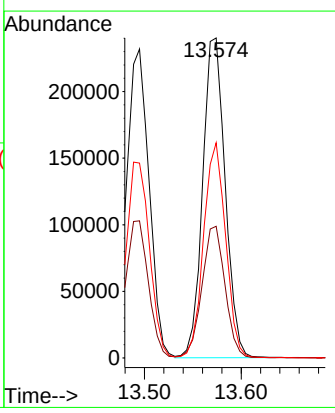
Ion	Ratio	Lower	Upper
146	100		
111	44.4	27.6	51.2
148	63.1	41.0	76.2

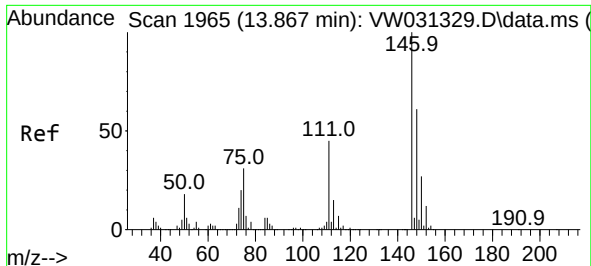


#65
 1,4-Dichlorobenzene
 Concen: 24.988 ug/L
 RT: 13.574 min Scan# 1917
 Delta R.T. -0.000 min
 Lab File: VW031370.D
 Acq: 19 Dec 2024 08:38

Tgt Ion:146 Resp: 388170

Ion	Ratio	Lower	Upper
146	100		
111	41.2	30.7	56.9
148	67.2	46.5	86.3





#67

1,2-Dichlorobenzene

Concen: 25.575 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. -0.000 min

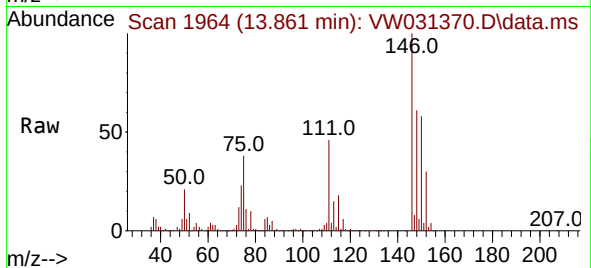
Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

Instrument :

MSVOA_W

ClientSampleId :



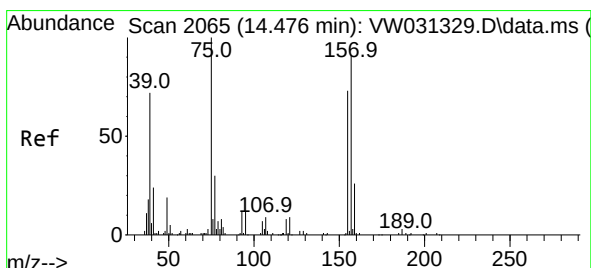
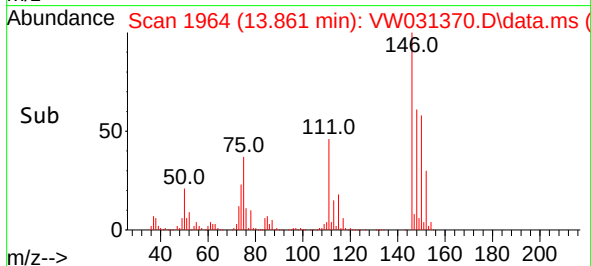
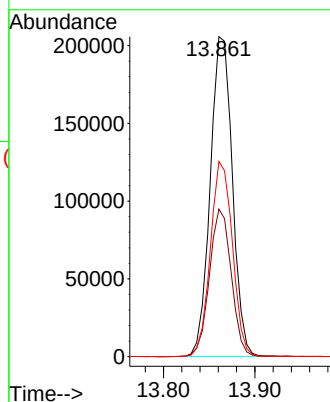
Tgt Ion:146 Resp: 345478

Ion Ratio Lower Upper

146 100

111 46.1 38.6 58.0

148 61.0 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 21.144 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

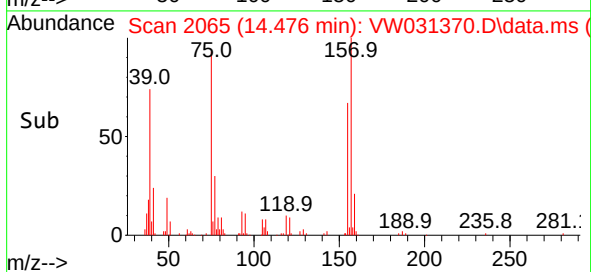
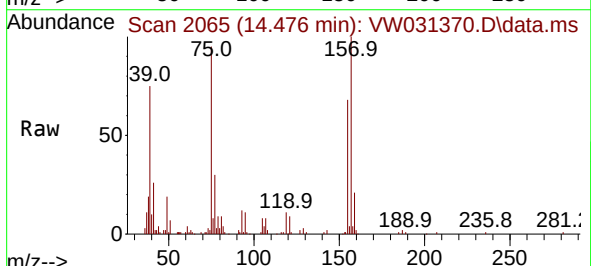
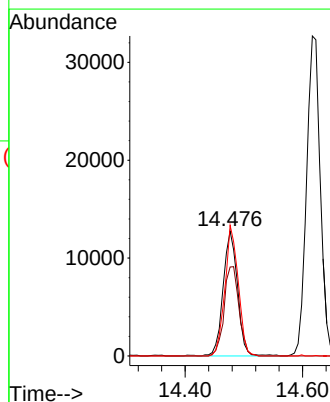
Tgt Ion: 75 Resp: 21711

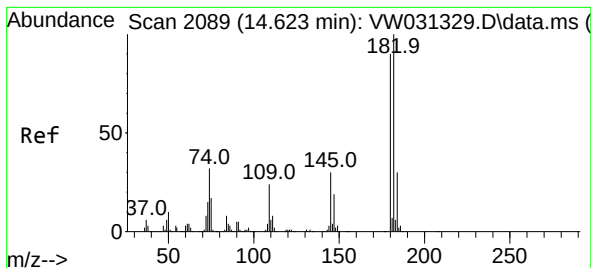
Ion Ratio Lower Upper

75 100

155 71.3 56.6 85.0

157 104.7 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 23.678 ug/L

RT: 14.617 min Scan# 2088

Delta R.T. -0.006 min

Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 259993

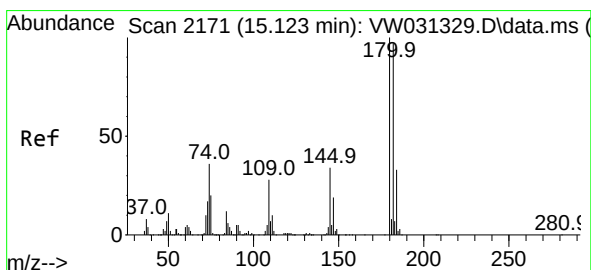
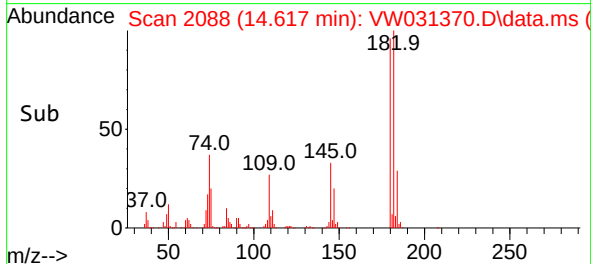
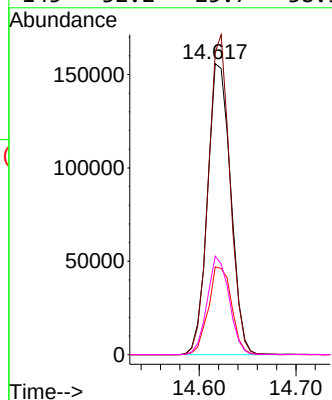
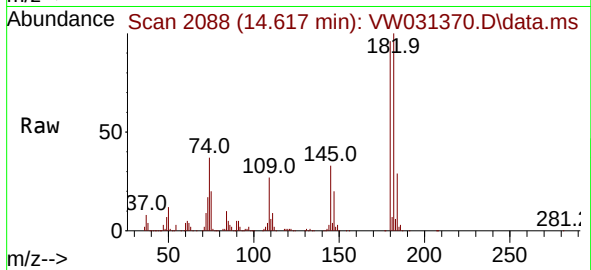
Ion Ratio Lower Upper

180 100

182 102.6 75.0 112.4

184 30.4 24.6 36.8

145 32.2 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 24.246 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW031370.D

Acq: 19 Dec 2024 08:38

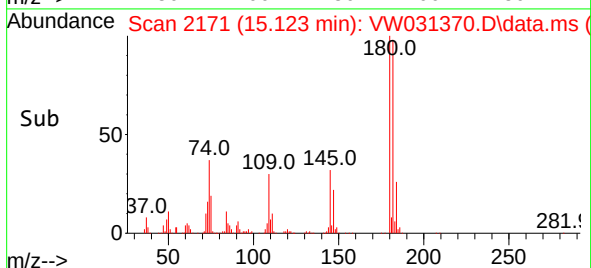
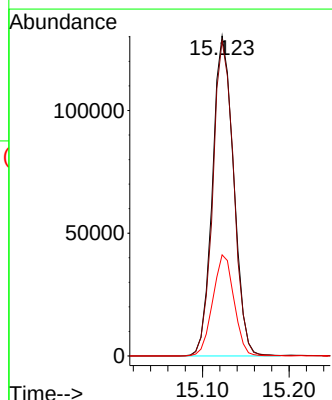
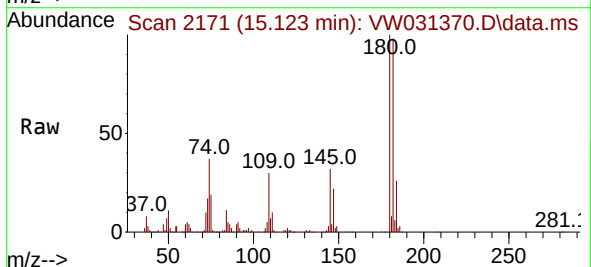
Tgt Ion:180 Resp: 221463

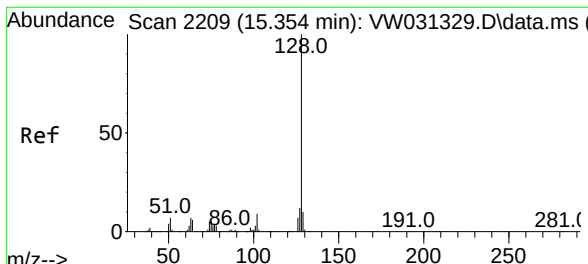
Ion Ratio Lower Upper

180 100

182 96.9 78.2 117.2

145 31.7 26.7 40.1



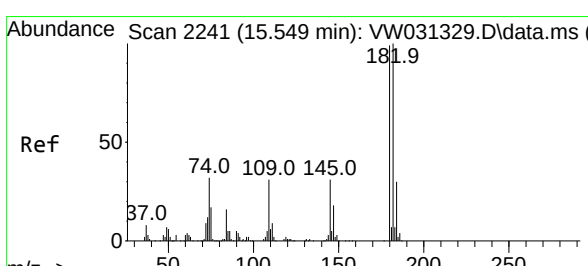
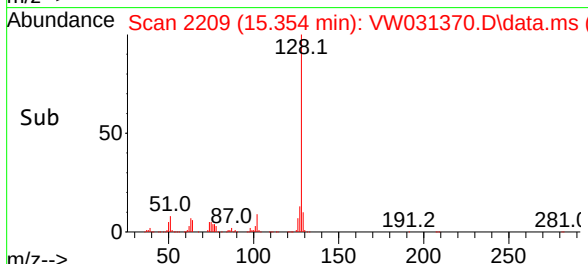
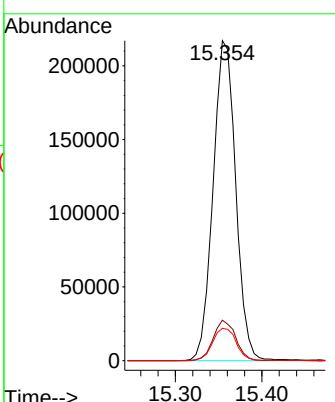
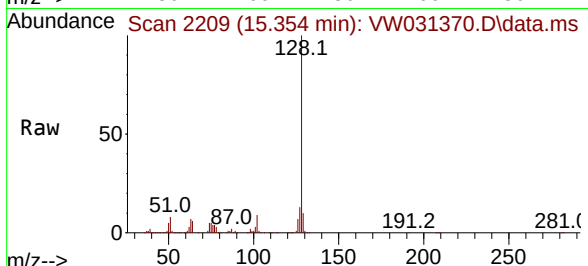


#71
Naphthalene
Concen: 24.605 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 394023

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.7	16.1
129	10.6	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 24.245 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW031370.D
Acq: 19 Dec 2024 08:38

Tgt Ion:180 Resp: 178426

Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.0	112.4
145	35.3	27.8	41.6

