

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
 Data File : VW031329.D
 Acq On : 18 Dec 2024 09:25
 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 19 00:16:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 18 00:14:15 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	593391	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	509157	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	244982	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	229806	25.739	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.960%	
7) Chloroethane-d5	2.893	69	178294	26.996	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.000%	
11) 1,1-Dichloroethene-d2	4.015	65	106371	25.117	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 100.480%	
21) 2-Butanone-d5	7.094	46	77123	45.868	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 91.740%	
24) Chloroform-d	7.648	84	433315	26.652	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 106.600%	
26) 1,2-Dichloroethane-d4	8.301	65	210220	25.746	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 103.000%	
32) Benzene-d6	8.270	84	842810	25.826	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 103.320%	
36) 1,2-Dichloropropane-d6	9.270	67	243366	25.588	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 102.360%	
41) Toluene-d8	10.319	98	792303	26.097	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 104.400%	
43) trans-1,3-Dichloroprop...	10.575	79	102633	23.403	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 93.600%	
47) 2-Hexanone-d5	10.922	63	55710	43.555	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 87.120%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	148481	24.864	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 99.440%	
66) 1,2-Dichlorobenzene-d4	13.848	152	229503	25.235	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 100.920%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	160481	29.925	ug/L	96
3) Chloromethane	2.216	50	162609	26.990	ug/L	95
5) Vinyl chloride	2.369	62	245435	29.396	ug/L	99
6) Bromomethane	2.783	94	152760	29.760	ug/L	98
8) Chloroethane	2.930	64	149865	30.182	ug/L	99
9) Trichlorofluoromethane	3.259	101	254723	28.638	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	214875	29.917	ug/L	95
12) 1,1-Dichloroethene	4.033	96	212314	29.186	ug/L	92
13) Acetone	4.173	43	116216	49.630	ug/L #	100
14) Carbon disulfide	4.381	76	632166	26.646	ug/L	99
15) Methyl Acetate	4.685	43	61436	23.100	ug/L	98
16) Methylene chloride	4.911	84	203104	27.203	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	225382	28.743	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	335176	25.569	ug/L	99
19) 1,1-Dichloroethane	6.210	63	419684	28.642	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	246905	29.103	ug/L	96
22) 2-Butanone	7.185	43	127107	44.799	ug/L	99
23) Bromochloromethane	7.514	128	94818	28.023	ug/L	94
25) Chloroform	7.673	83	428696	29.644	ug/L	97

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 Response via : Initial Calibration

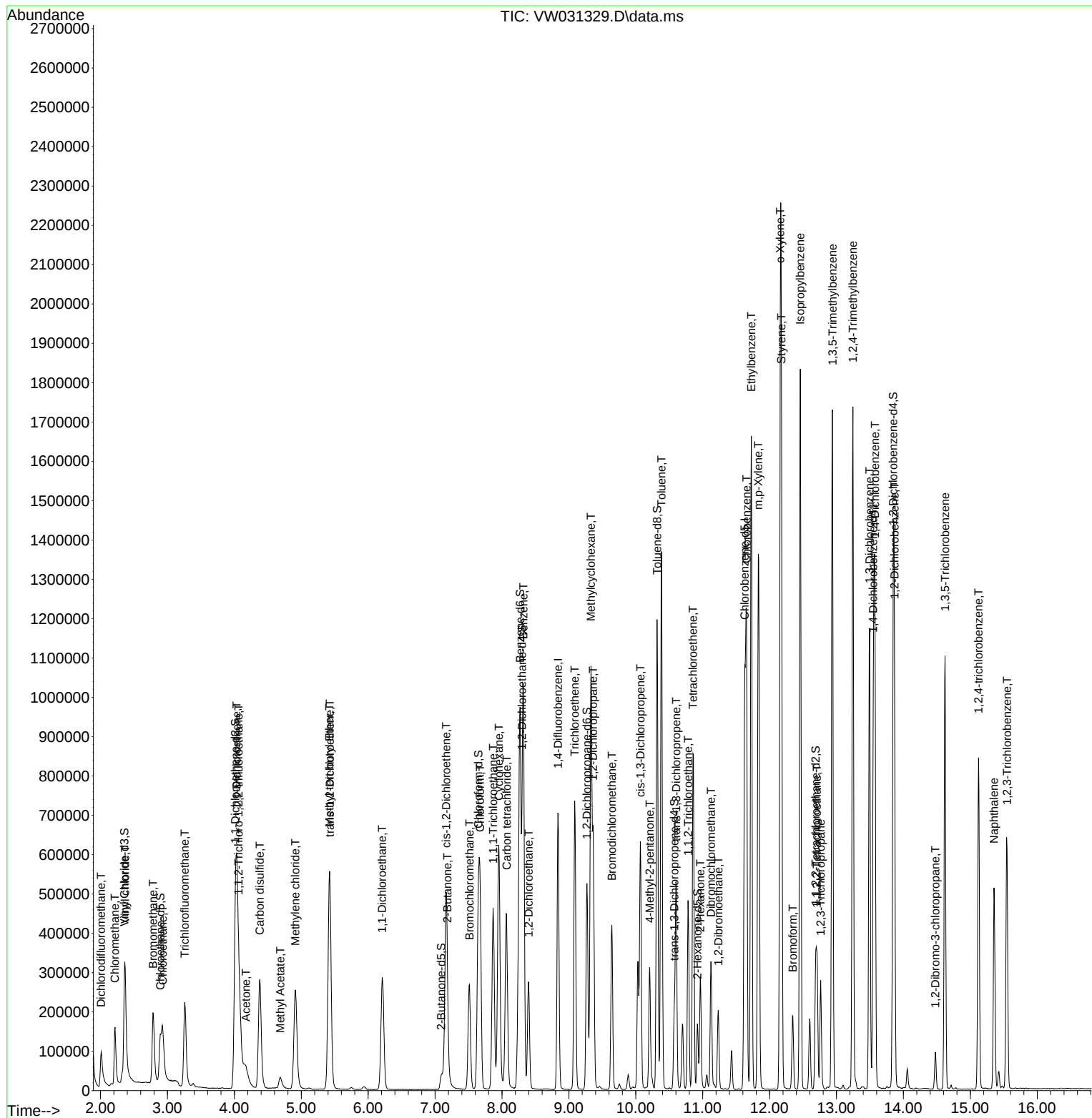
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	256714	28.236	ug/L	99
29) Cyclohexane	7.953	56	371745	26.922	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	370958	28.188	ug/L	99
31) Carbon tetrachloride	8.069	117	337041	28.747	ug/L	99
33) Benzene	8.319	78	911304	28.963	ug/L	100
34) Trichloroethene	9.087	95	258360	29.084	ug/L	95
35) Methylcyclohexane	9.331	83	438421	28.340	ug/L	98
37) 1,2-Dichloropropane	9.361	63	221541	28.224	ug/L	100
38) Bromodichloromethane	9.642	83	280811	27.518	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	362786	27.351	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	201496	48.385	ug/L	100
42) Toluene	10.386	91	997738	29.125	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	289174	26.700	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	142563	27.306	ug/L	97
46) Tetrachloroethene	10.855	164	181556	27.902	ug/L	92
48) 2-Hexanone	10.965	43	178773	50.475	ug/L	98
49) Dibromochloromethane	11.123	129	166724	26.940	ug/L	93
50) 1,2-Dibromoethane	11.233	107	135783	27.454	ug/L	97
51) Chlorobenzene	11.654	112	617129	28.732	ug/L	97
52) Ethylbenzene	11.727	91	1164254	29.324	ug/L	95
53) m,p-Xylene	11.831	106	438540	29.015	ug/L	95
54) o-Xylene	12.160	106	411716	28.903	ug/L	99
55) Styrene	12.178	104	673567	28.427	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	148774	26.434	ug/L	97
59) Bromoform	12.349	173	84241	24.477	ug/L	100
60) Isopropylbenzene	12.458	105	1161580	28.974	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	110743	26.417	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	953918	28.065	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	935859	28.488	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	464090	28.572	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	462324	28.727	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	388910	27.789	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	24096	22.650	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	313250	27.536	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	252563	26.690	ug/L	99
71) Naphthalene	15.354	128	428490	25.827	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	210550	27.616	ug/L	98

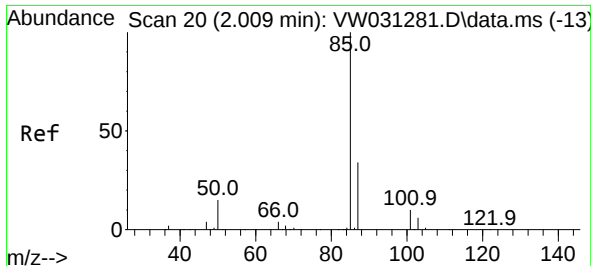
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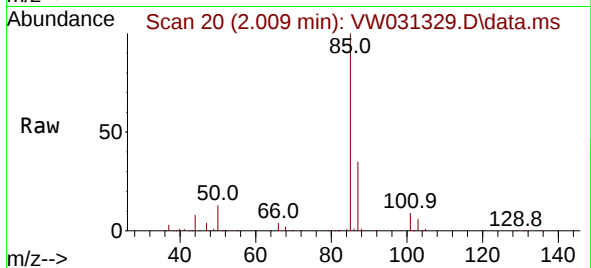
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Quant Title : SFAM01.0
QLast Update : Wed Dec 18 00:14:15 2024
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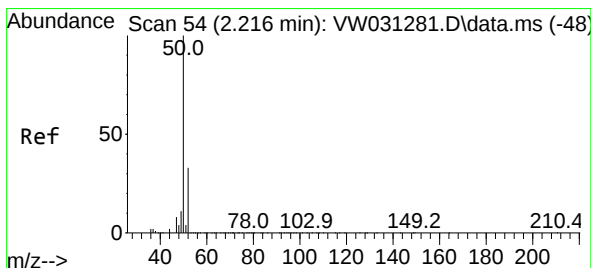
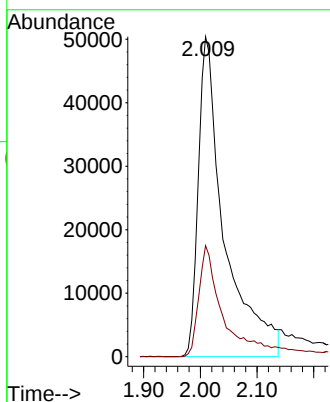
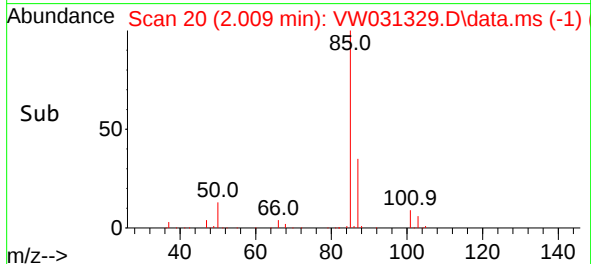


#2
 Dichlorodifluoromethane
 Concen: 29.925 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VW031329.D
 Acq: 18 Dec 2024 09:25

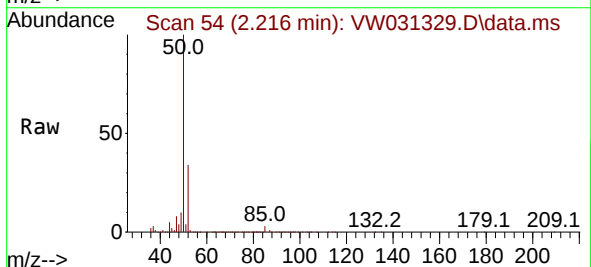
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 ClientSampleId :



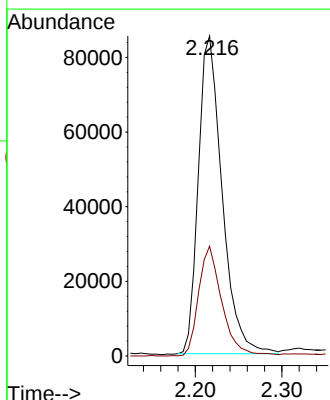
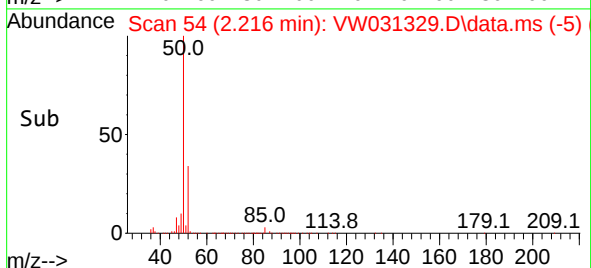
Tgt Ion: 85 Resp: 160481
 Ion Ratio Lower Upper
 85 100
 87 29.0 24.9 37.3

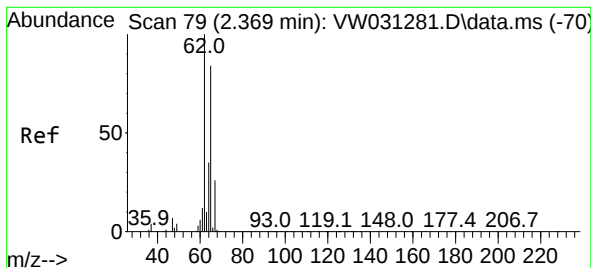


#3
 Chloromethane
 Concen: 26.990 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VW031329.D
 Acq: 18 Dec 2024 09:25



Tgt Ion: 50 Resp: 162609
 Ion Ratio Lower Upper
 50 100
 52 34.3 22.0 41.0





#5

Vinyl chloride

Concen: 29.396 ug/L

RT: 2.369 min Scan# 79

Delta R.T. 0.000 min

Lab File: VW031329.D

Acq: 18 Dec 2024 09:25

Instrument :

MSVOA_W

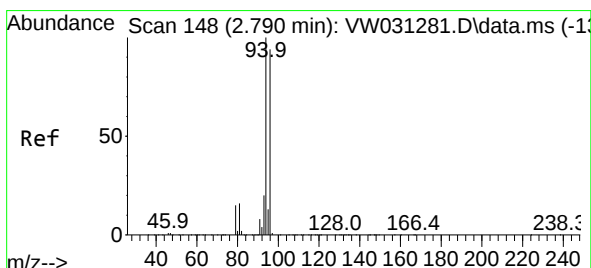
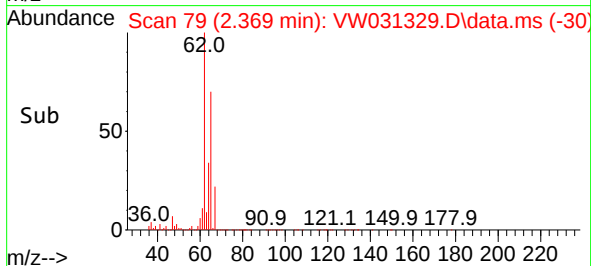
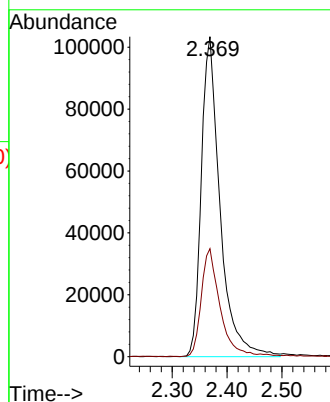
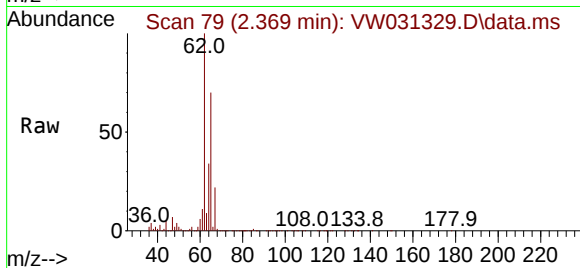
ClientSampleId :

Tgt Ion: 62 Resp: 245435

Ion Ratio Lower Upper

62 100

64 33.8 24.1 44.8



#6

Bromomethane

Concen: 29.760 ug/L

RT: 2.783 min Scan# 147

Delta R.T. 0.000 min

Lab File: VW031329.D

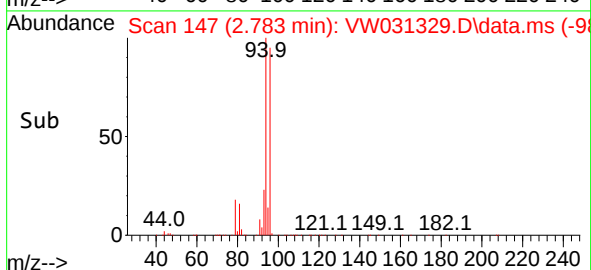
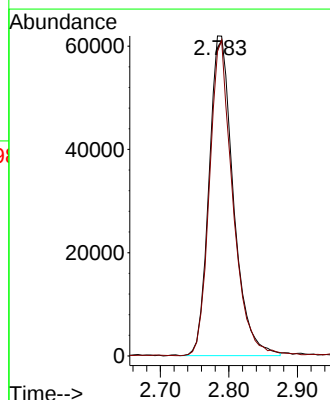
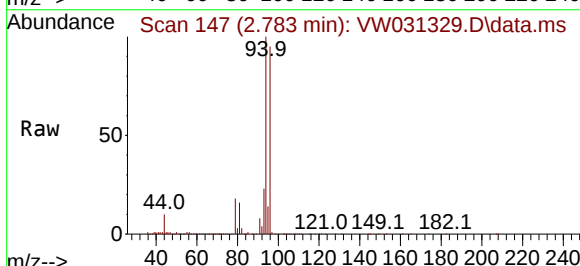
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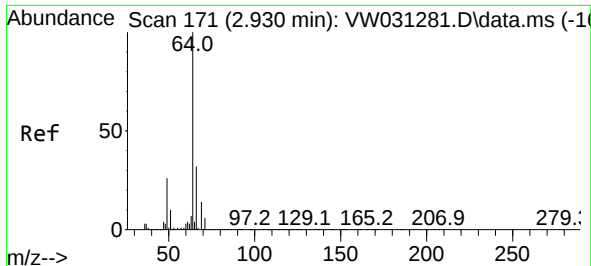
Tgt Ion: 94 Resp: 152760

Ion Ratio Lower Upper

94 100

96 95.2 65.6 121.8

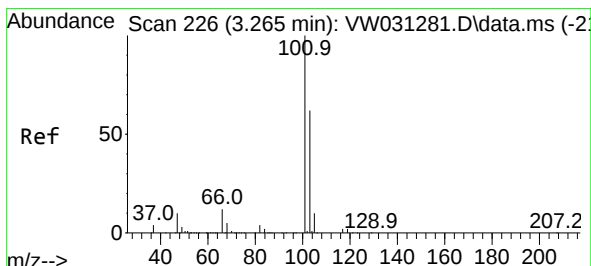
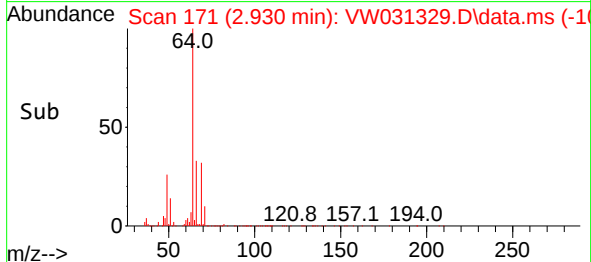
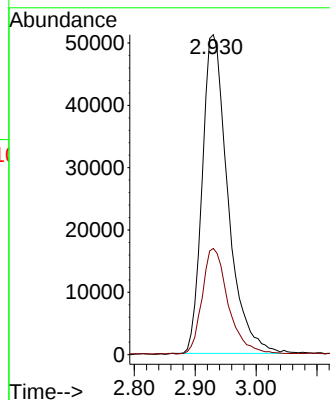
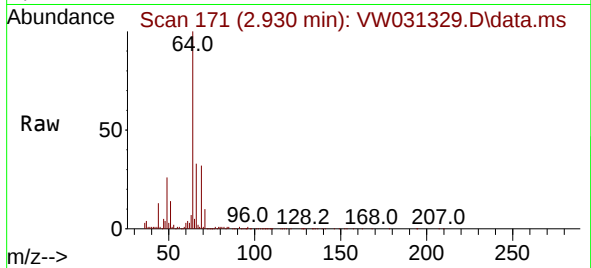




#8
Chloroethane
Concen: 30.182 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25

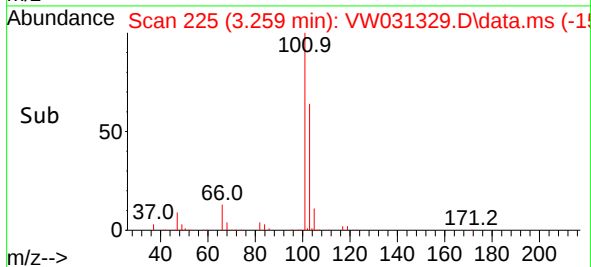
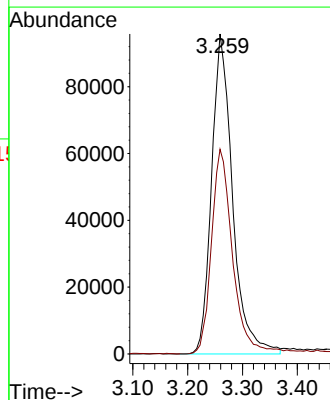
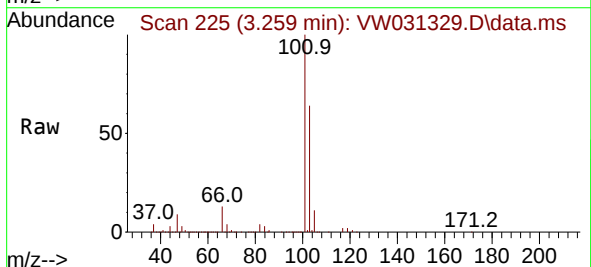
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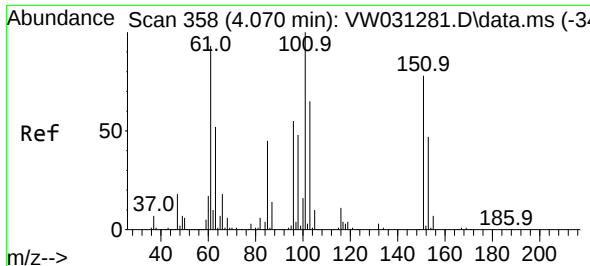
Tgt Ion: 64 Resp: 149865
Ion Ratio Lower Upper
64 100
66 33.2 22.7 42.3



#9
Trichlorofluoromethane
Concen: 28.638 ug/L
RT: 3.259 min Scan# 225
Delta R.T. 0.000 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25

Tgt Ion:101 Resp: 254723
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

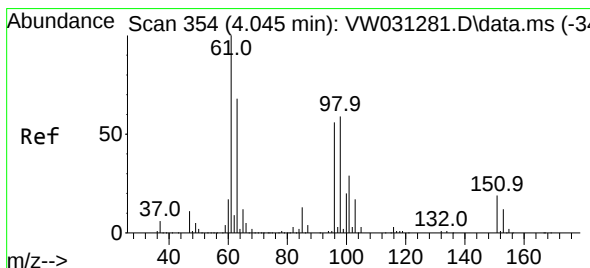
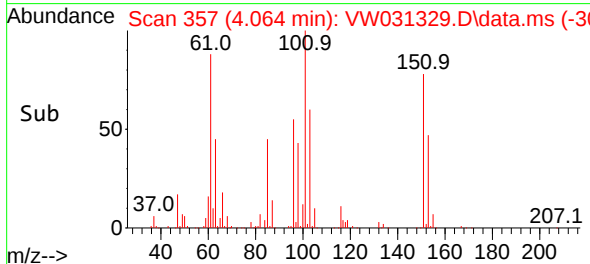
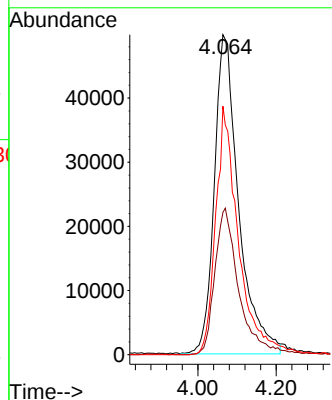
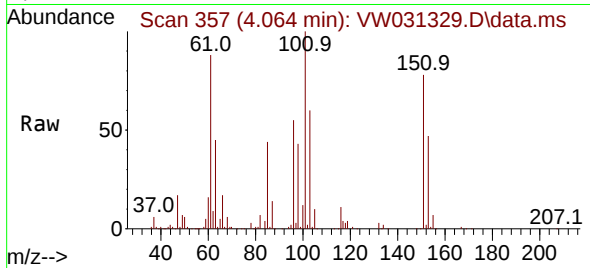




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 29.917 ug/L
 RT: 4.064 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW031329.D
 Acq: 18 Dec 2024 09:25

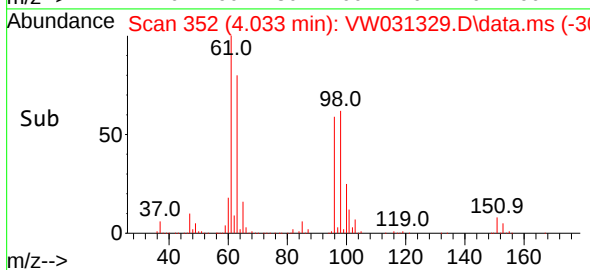
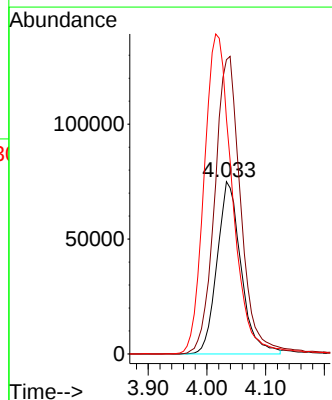
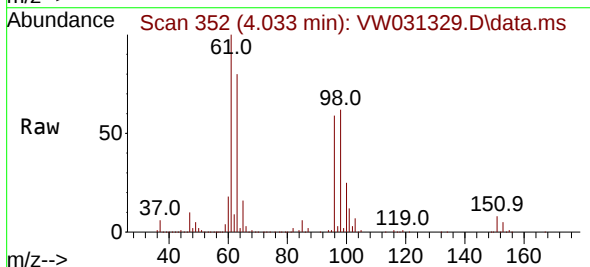
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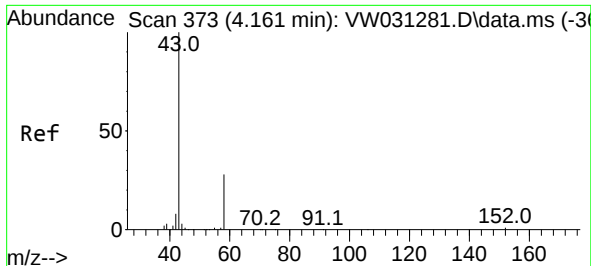
Tgt Ion:101 Resp: 214875
 Ion Ratio Lower Upper
 101 100
 85 44.0 33.0 49.4
 151 72.4 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 29.186 ug/L
 RT: 4.033 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW031329.D
 Acq: 18 Dec 2024 09:25

Tgt Ion: 96 Resp: 212314
 Ion Ratio Lower Upper
 96 100
 61 170.7 125.3 232.7
 63 136.5 104.6 194.2





#13

Acetone

Concen: 49.630 ug/L

RT: 4.173 min Scan# 31

Delta R.T. 0.013 min

Lab File: VW031329.D

Acq: 18 Dec 2024 09:25

Instrument :

MSVOA_W

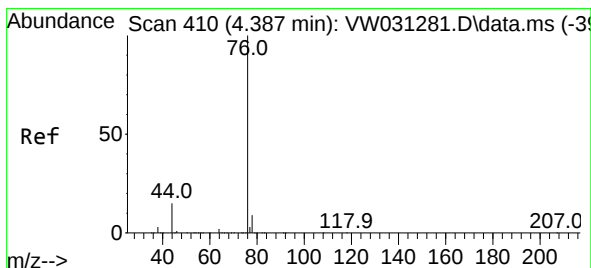
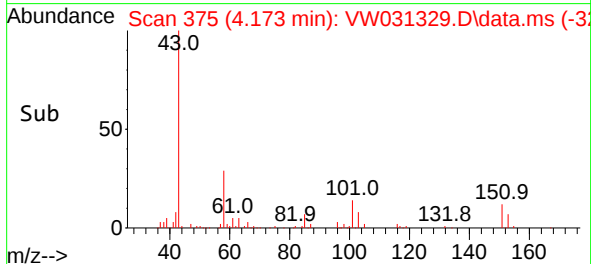
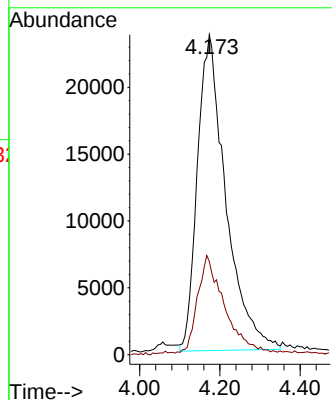
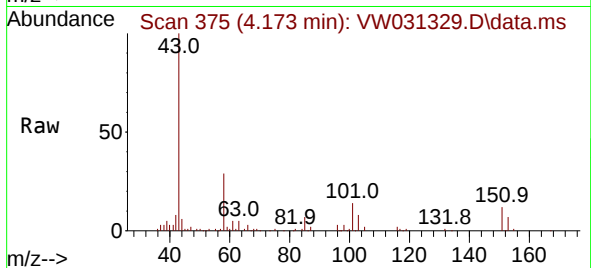
ClientSampleId :

Tgt Ion: 43 Resp: 116216

Ion Ratio Lower Upper

43 100

58 28.1 0.0 0.0#



#14

Carbon disulfide

Concen: 26.646 ug/L

RT: 4.381 min Scan# 409

Delta R.T. 0.000 min

Lab File: VW031329.D

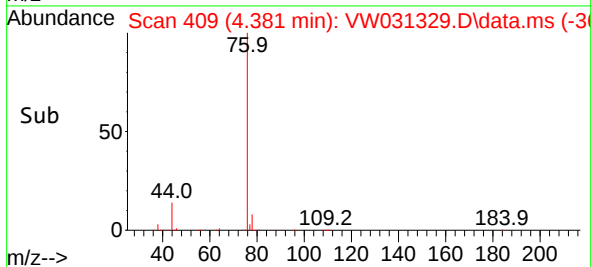
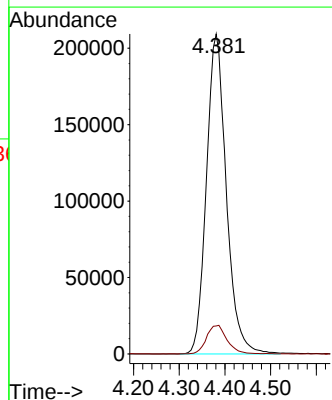
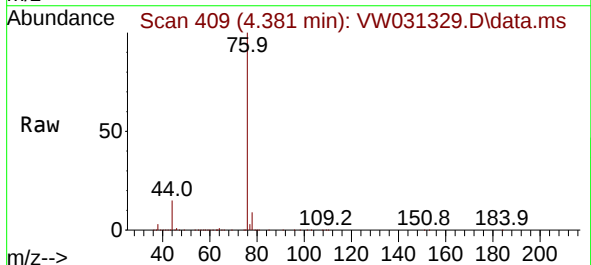
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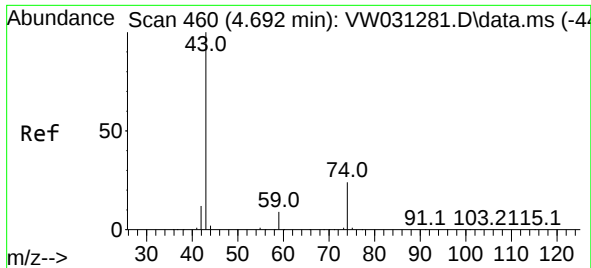
Tgt Ion: 76 Resp: 632166

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9

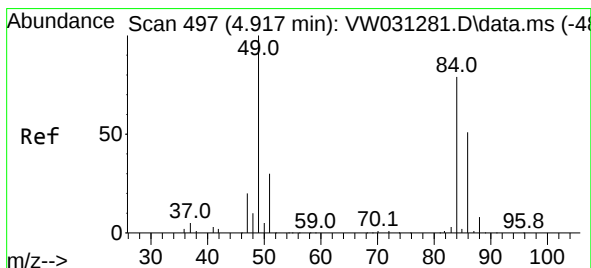
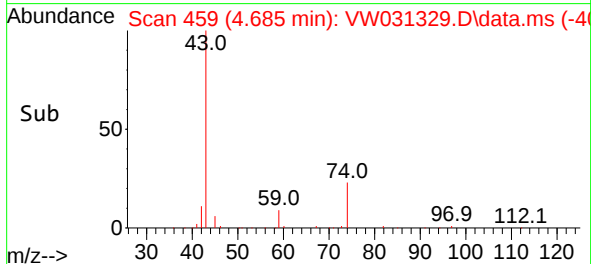
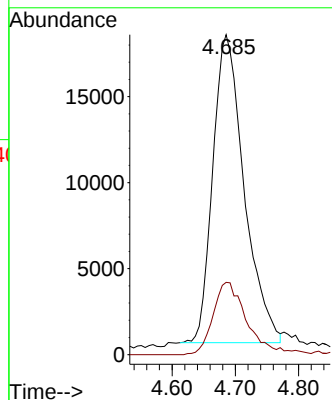
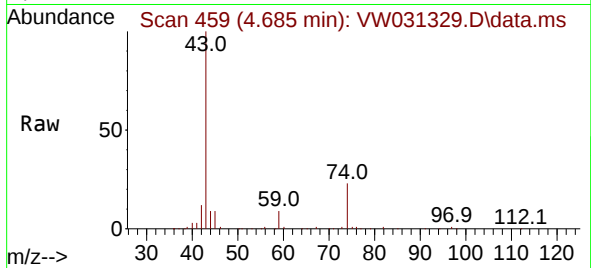




#15
Methyl Acetate
Concen: 23.100 ug/L
RT: 4.685 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25

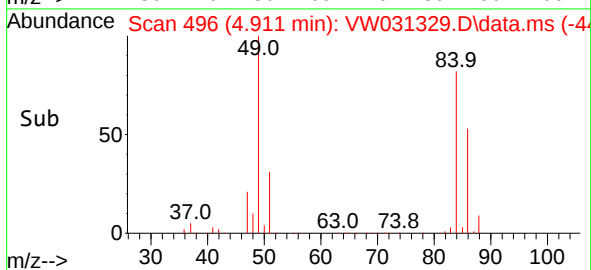
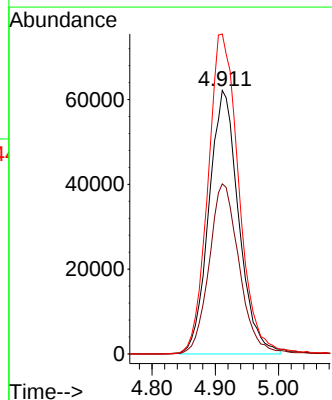
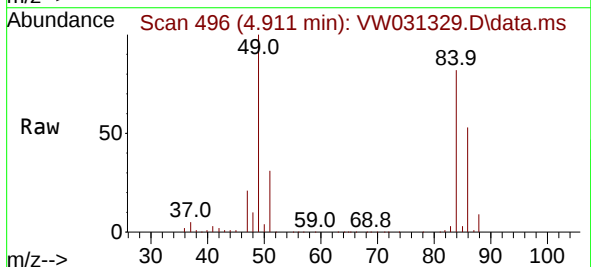
Instrument :
MSVOA_W
ClientSampleId :

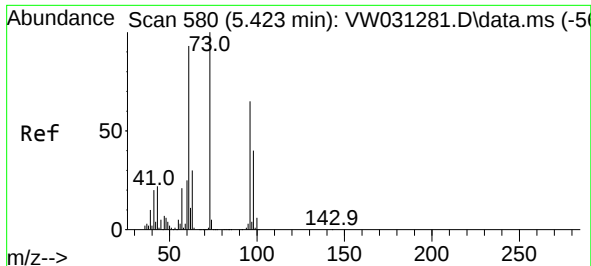
Tgt Ion: 43 Resp: 61436
Ion Ratio Lower Upper
43 100
74 24.5 18.9 28.3



#16
Methylene chloride
Concen: 27.203 ug/L
RT: 4.911 min Scan# 496
Delta R.T. 0.000 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25

Tgt Ion: 84 Resp: 203104
Ion Ratio Lower Upper
84 100
86 64.5 44.7 82.9
49 121.4 88.3 164.1

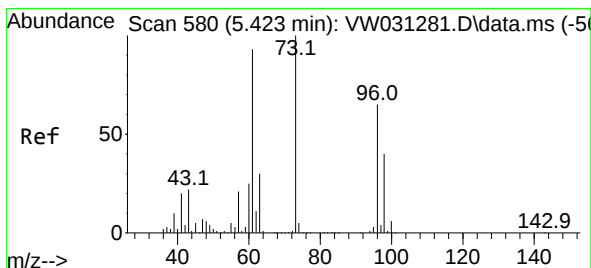
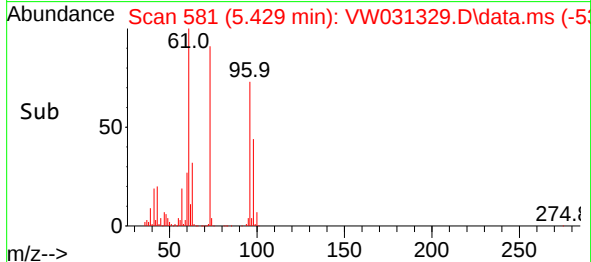
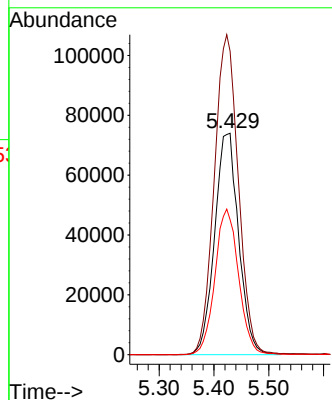
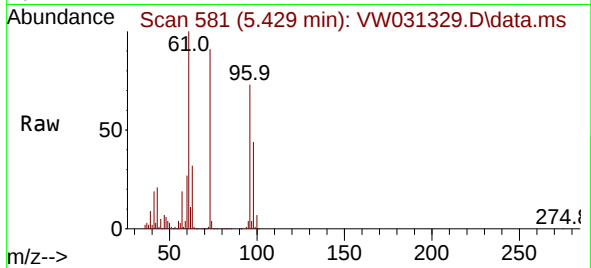




#17
trans-1,2-Dichloroethene
Concen: 28.743 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25

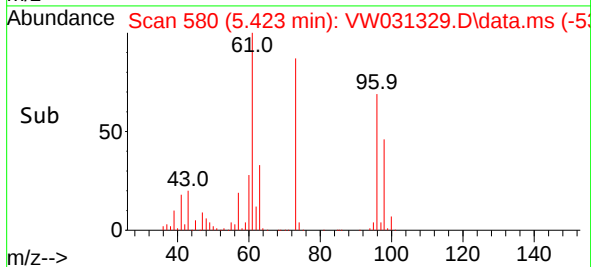
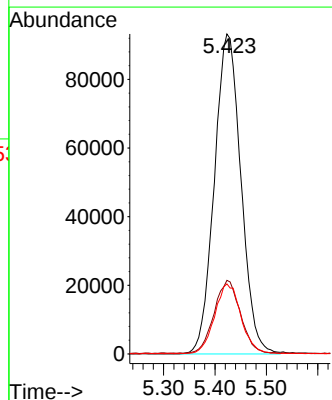
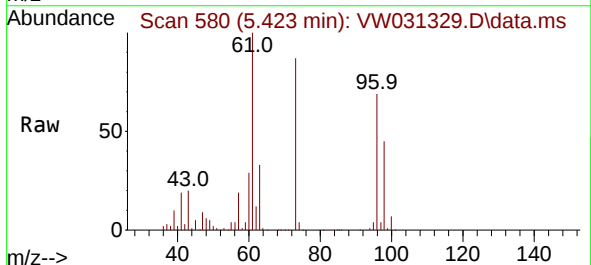
Instrument :
MSVOA_W
ClientSampleId :

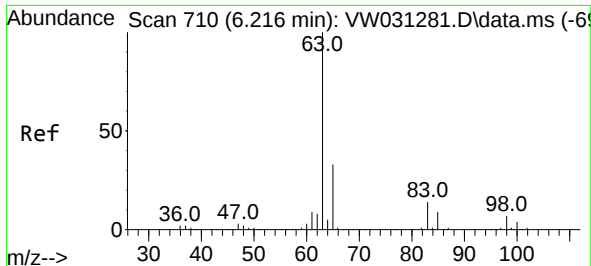
Tgt Ion: 96 Resp: 225382
Ion Ratio Lower Upper
96 100
61 137.0 100.7 187.1
98 60.9 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 25.569 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25

Tgt Ion: 73 Resp: 335176
Ion Ratio Lower Upper
73 100
43 22.5 17.9 26.9
57 21.8 17.9 26.9





#19

1,1-Dichloroethane

Concen: 28.642 ug/L

RT: 6.210 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW031329.D

Acq: 18 Dec 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

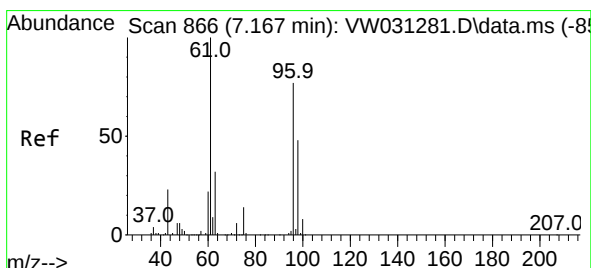
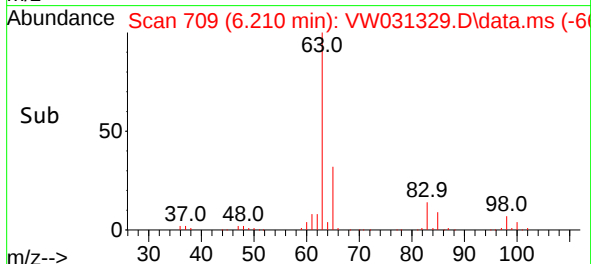
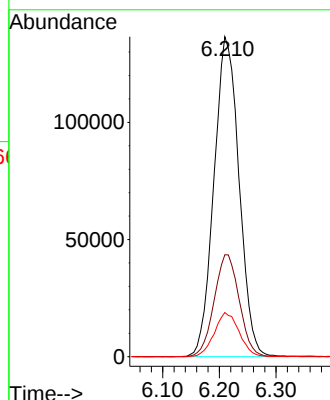
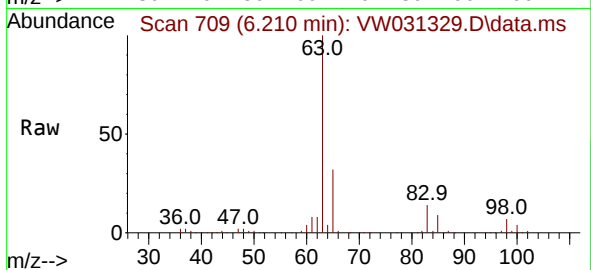
Tgt Ion: 63 Resp: 419684

Ion Ratio Lower Upper

63 100

65 31.9 21.9 40.7

83 13.8 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 29.103 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031329.D

Acq: 18 Dec 2024 09:25

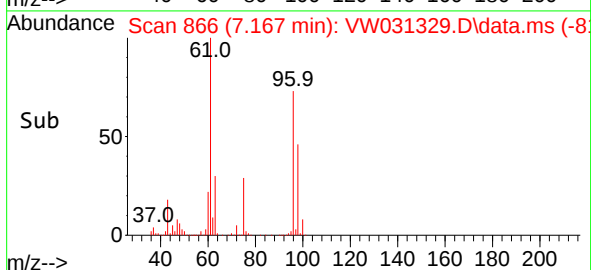
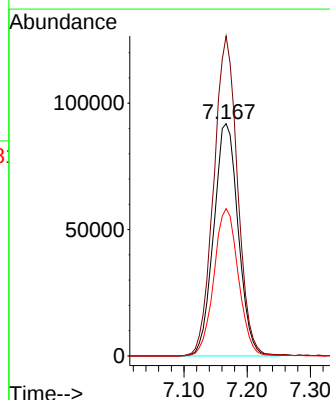
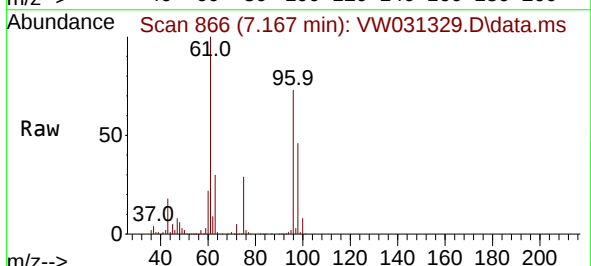
Tgt Ion: 96 Resp: 246905

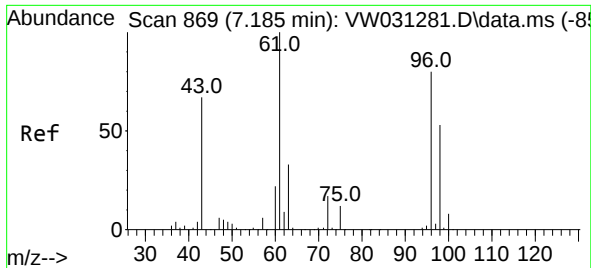
Ion Ratio Lower Upper

96 100

61 137.7 92.2 171.2

98 63.4 43.7 81.1

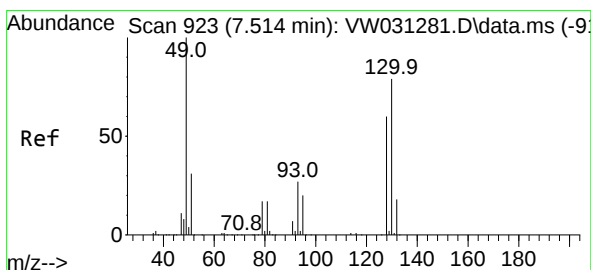
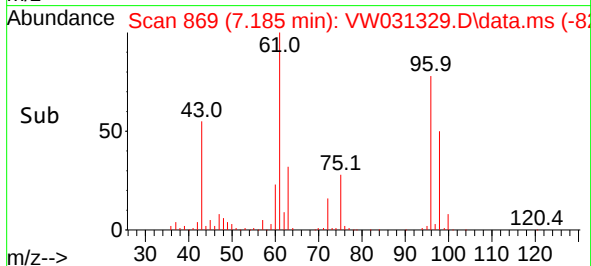
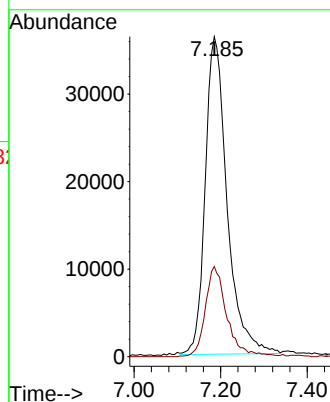
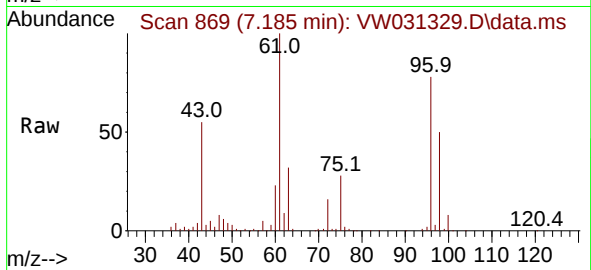




#22
2-Butanone
Concen: 44.799 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25

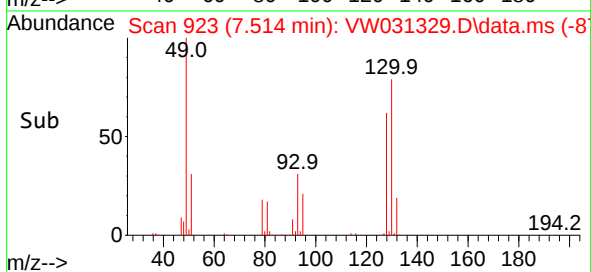
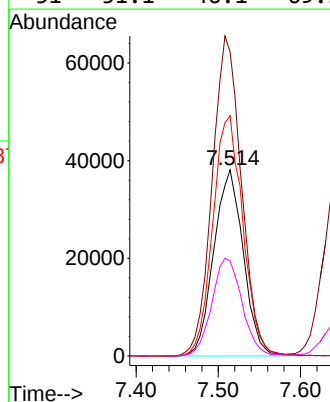
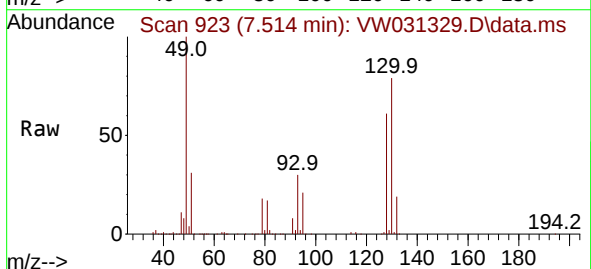
Instrument :
MSVOA_W
ClientSampleId :

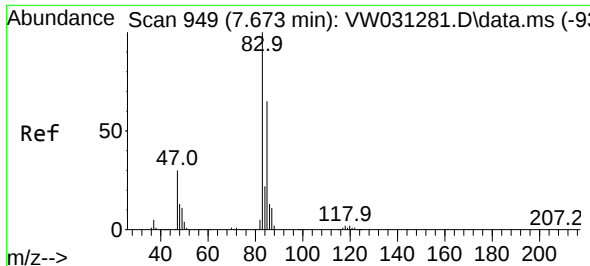
Tgt Ion: 43 Resp: 127107
Ion Ratio Lower Upper
43 100
72 26.8 13.3 39.8



#23
Bromochloromethane
Concen: 28.023 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25

Tgt Ion: 128 Resp: 94818
Ion Ratio Lower Upper
128 100
49 163.2 123.7 229.7
130 129.0 90.3 167.7
51 51.1 46.1 69.1

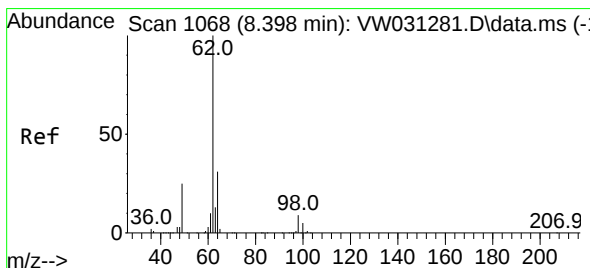
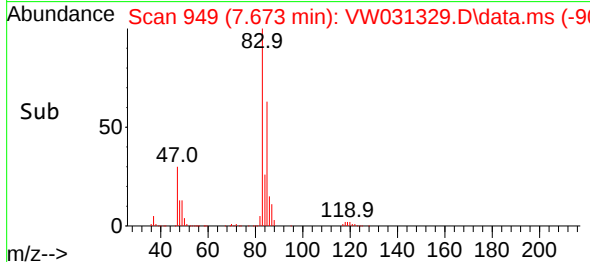
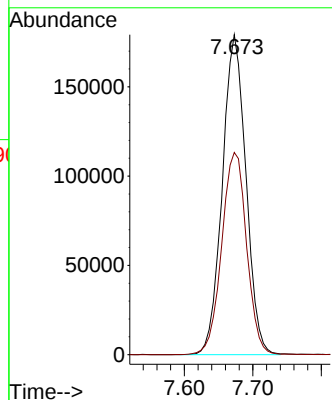
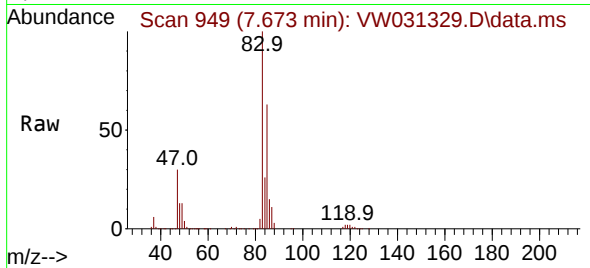




#25
Chloroform
Concen: 29.644 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25

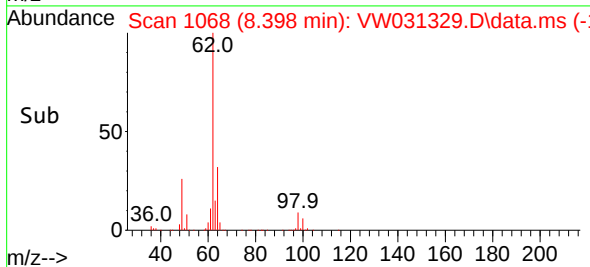
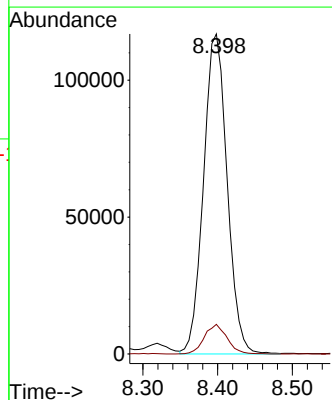
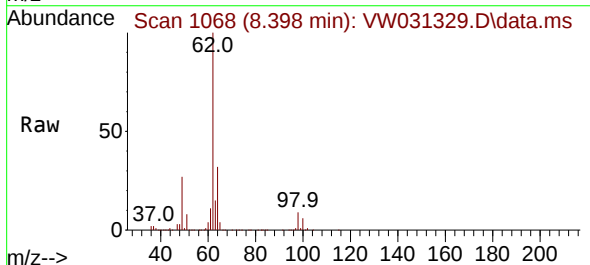
Instrument :
MSVOA_W
ClientSampleId :

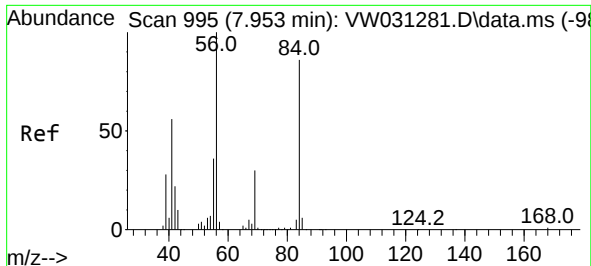
Tgt Ion: 83 Resp: 428696
Ion Ratio Lower Upper
83 100
85 63.2 46.1 85.5



#27
1,2-Dichloroethane
Concen: 28.236 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25

Tgt Ion: 62 Resp: 256714
Ion Ratio Lower Upper
62 100
98 9.3 7.2 10.8

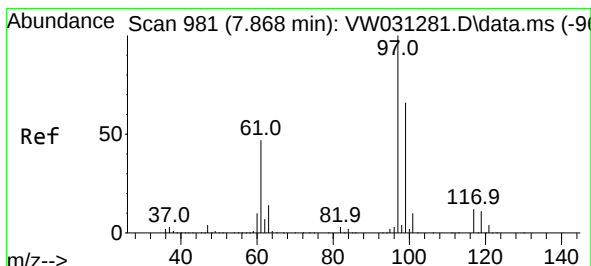
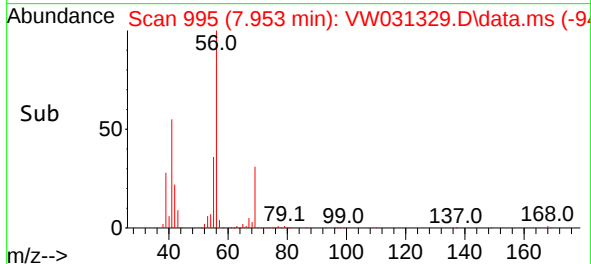
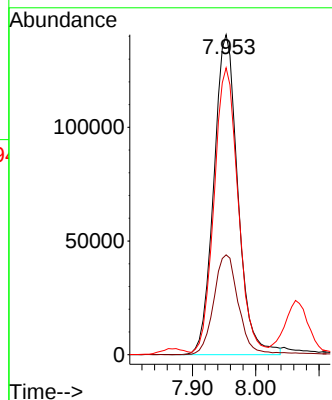
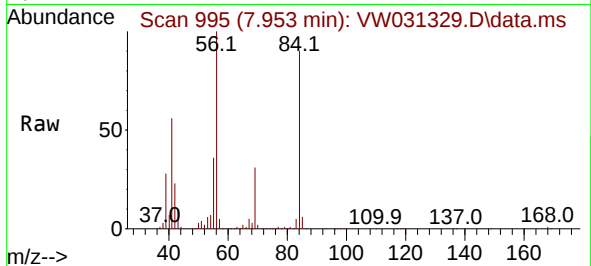




#29
Cyclohexane
Concen: 26.922 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25

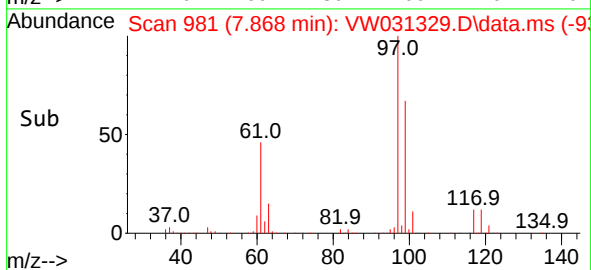
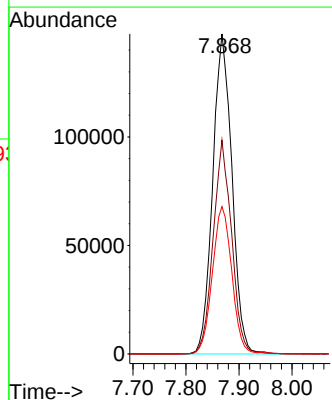
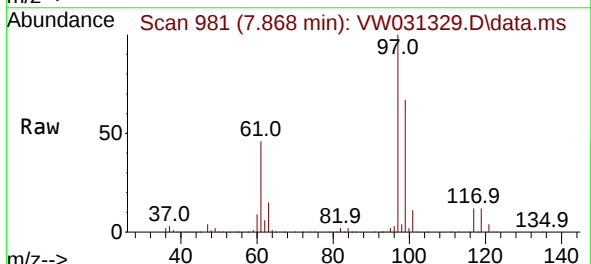
Instrument :
MSVOA_W
ClientSampleId :

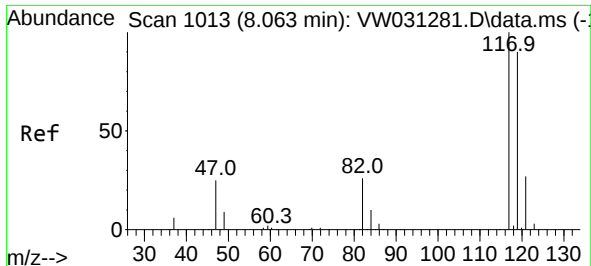
Tgt Ion: 56 Resp: 371745
Ion Ratio Lower Upper
56 100
69 31.7 25.0 37.4
84 89.3 68.9 103.3



#30
1,1,1-Trichloroethane
Concen: 28.188 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25

Tgt Ion: 97 Resp: 370958
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 46.5 36.3 54.5

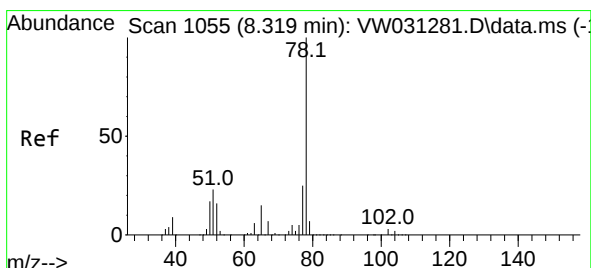
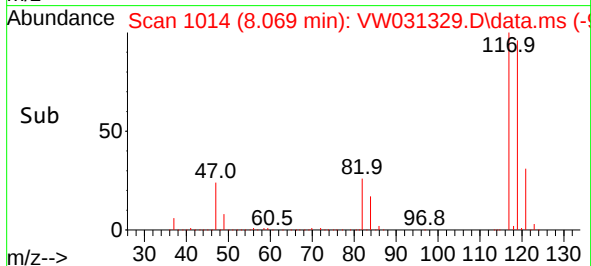
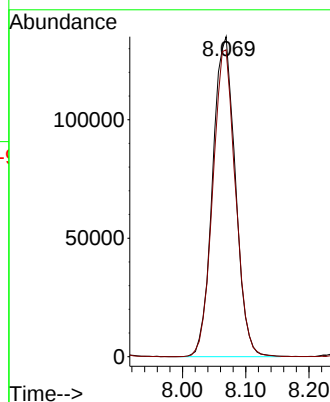
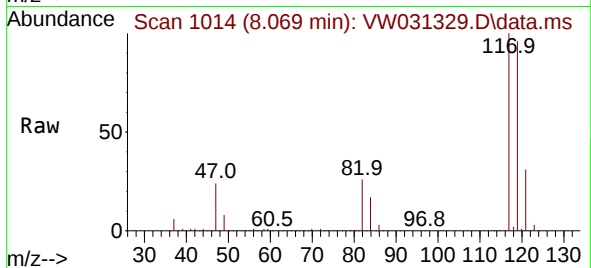




#31
Carbon tetrachloride
Concen: 28.747 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25

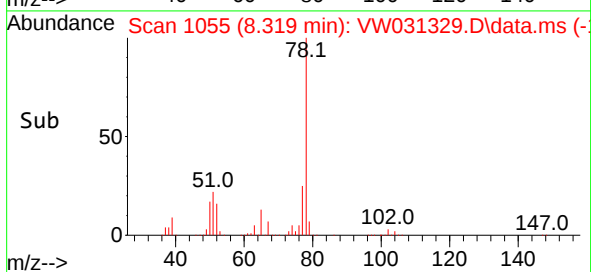
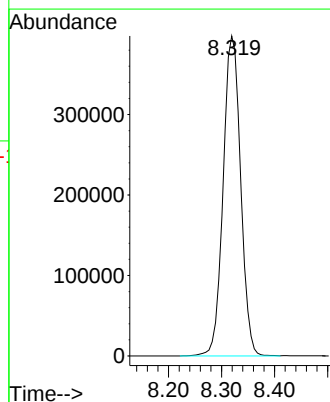
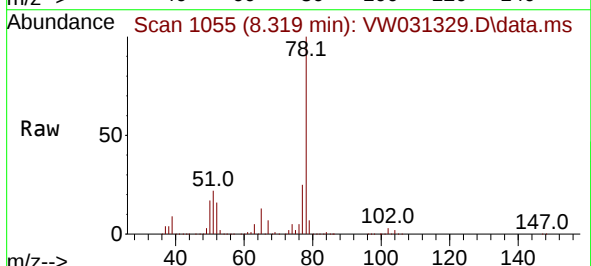
Instrument :
MSVOA_W
ClientSampleId :

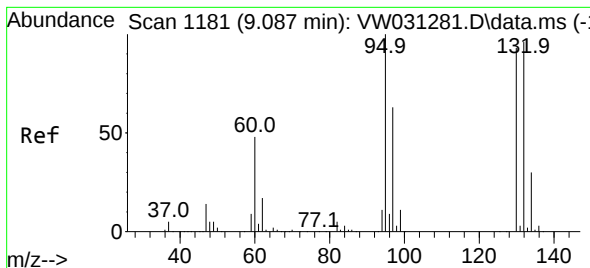
Tgt Ion:117 Resp: 337041
Ion Ratio Lower Upper
117 100
119 95.8 76.0 114.0



#33
Benzene
Concen: 28.963 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25

Tgt Ion: 78 Resp: 911304





#34

Trichloroethene

Concen: 29.084 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

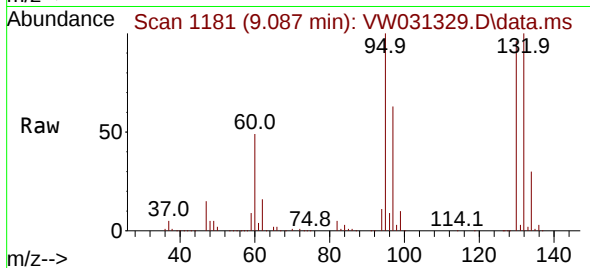
Lab File: VW031329.D

Acq: 18 Dec 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 258360

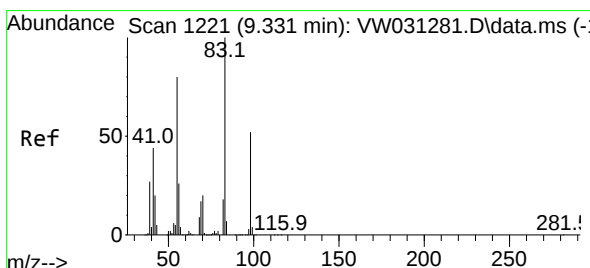
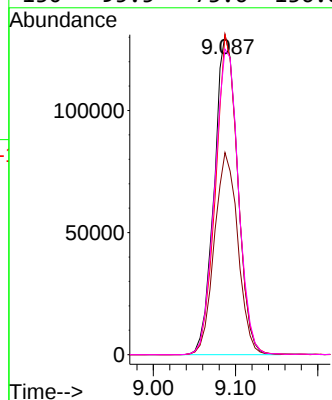
Ion Ratio Lower Upper

95 100

97 63.2 46.5 86.3

132 100.0 70.3 130.5

130 95.5 73.6 136.8



#35

Methylcyclohexane

Concen: 28.340 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031329.D

Acq: 18 Dec 2024 09:25

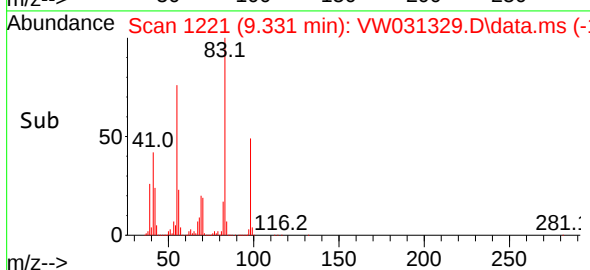
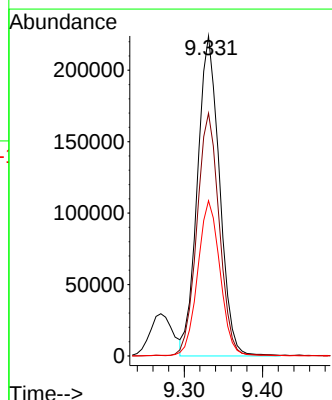
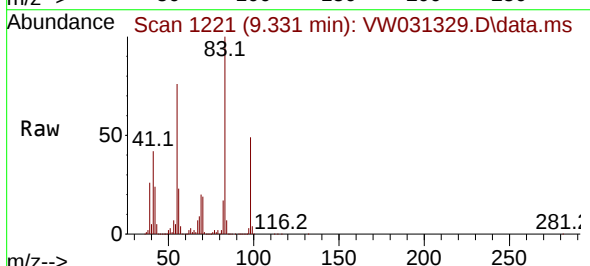
Tgt Ion: 83 Resp: 438421

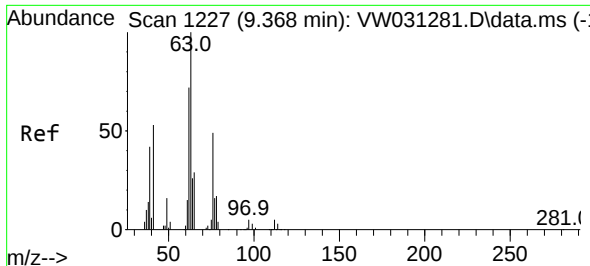
Ion Ratio Lower Upper

83 100

55 76.5 62.6 93.8

98 48.8 39.8 59.6





#37

1,2-Dichloropropane

Concen: 28.224 ug/L

RT: 9.361 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031329.D

Acq: 18 Dec 2024 09:25

Instrument :

MSVOA_W

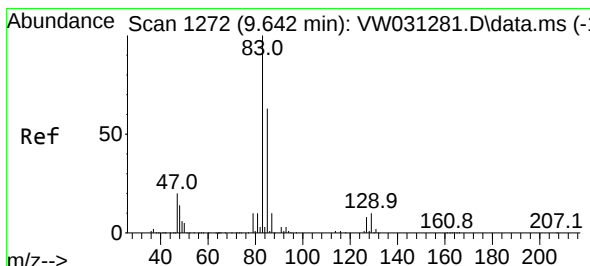
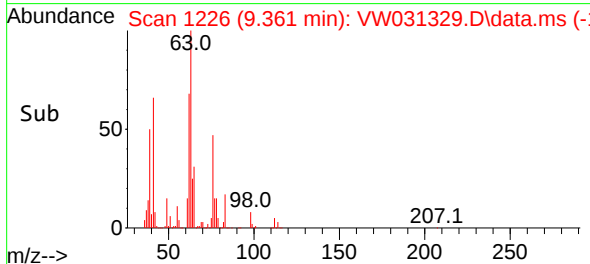
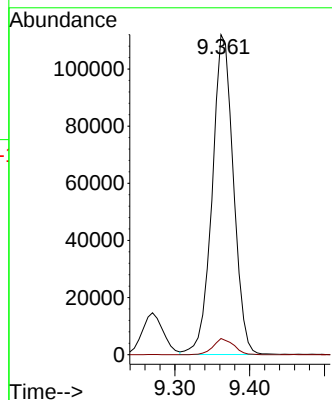
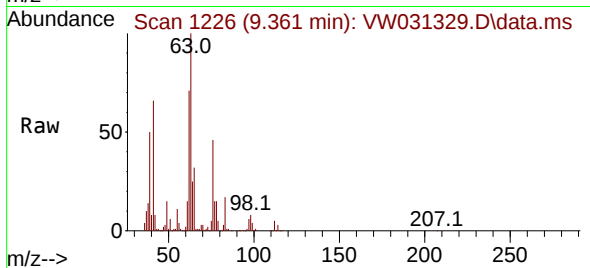
ClientSampleId :

Tgt Ion: 63 Resp: 221541

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 27.518 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031329.D

Acq: 18 Dec 2024 09:25

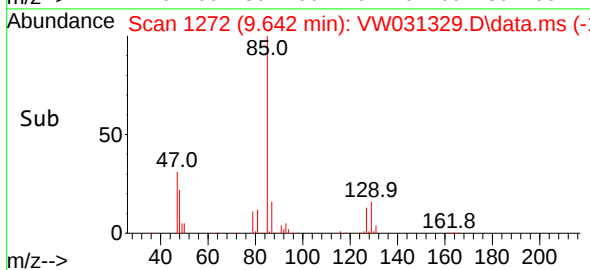
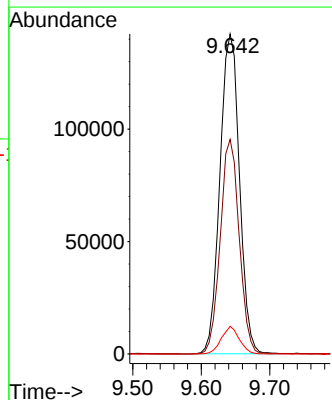
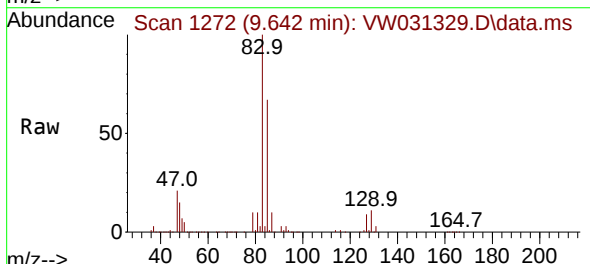
Tgt Ion: 83 Resp: 280811

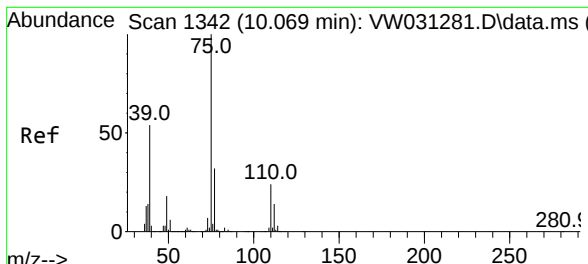
Ion Ratio Lower Upper

83 100

85 67.1 46.5 86.5

127 8.6 6.2 9.4

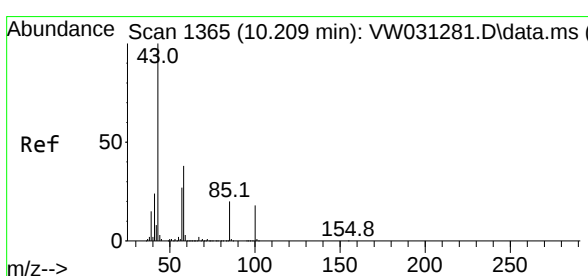
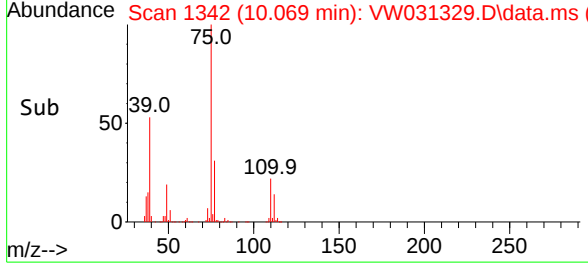
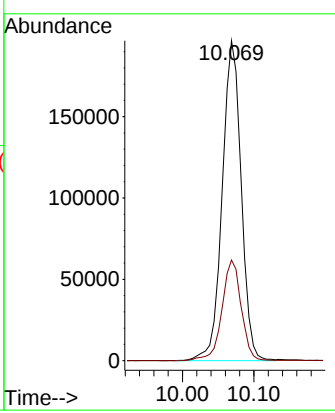
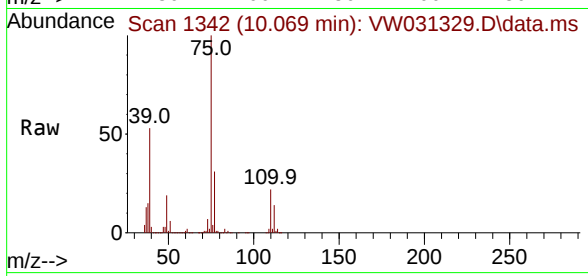




#39
 cis-1,3-Dichloropropene
 Concen: 27.351 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. 0.000 min
 Lab File: VW031329.D
 Acq: 18 Dec 2024 09:25

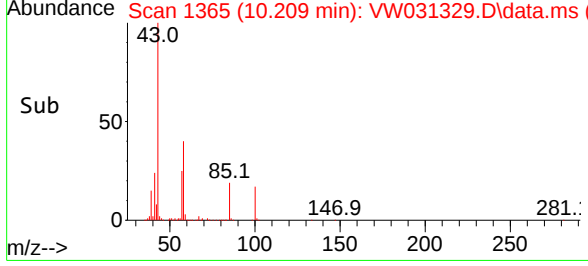
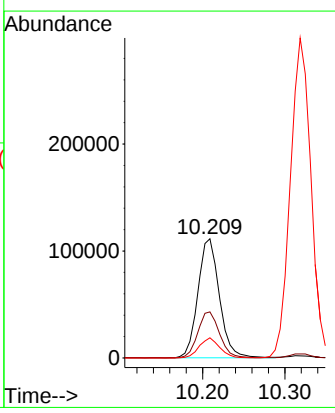
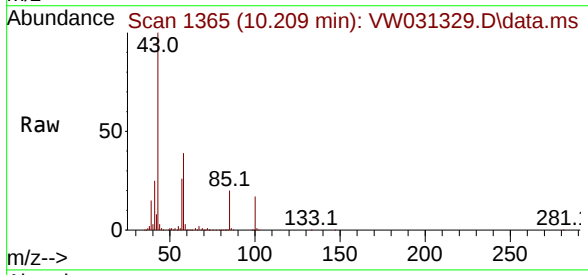
Instrument :
 MSVOA_W
 ClientSampleId :

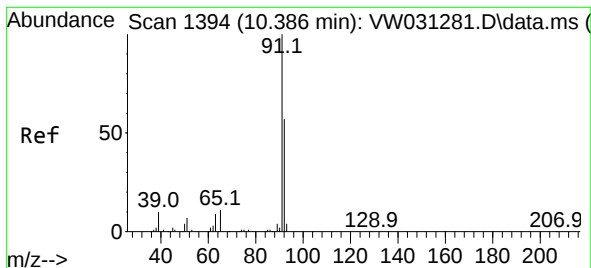
Tgt Ion:	75	Resp:	362786
Ion Ratio	Lower	Upper	
75	100		
77	31.5	21.8	40.4



#40
 4-Methyl-2-pentanone
 Concen: 48.385 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.006 min
 Lab File: VW031329.D
 Acq: 18 Dec 2024 09:25

Tgt Ion:	43	Resp:	201496
Ion Ratio	Lower	Upper	
43	100		
58	39.3	31.1	46.7
100	16.2	13.0	19.6





#42

Toluene

Concen: 29.125 ug/L

RT: 10.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031329.D

Acq: 18 Dec 2024 09:25

Instrument :

MSVOA_W

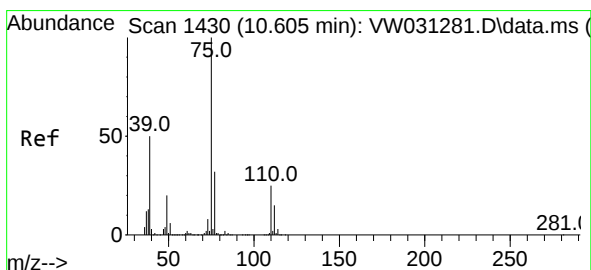
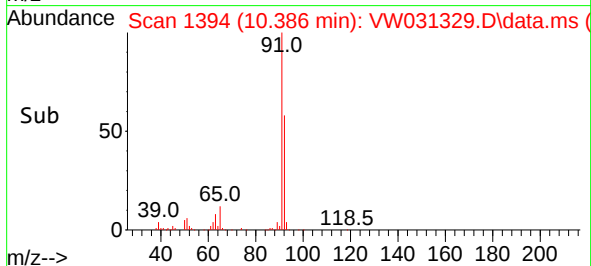
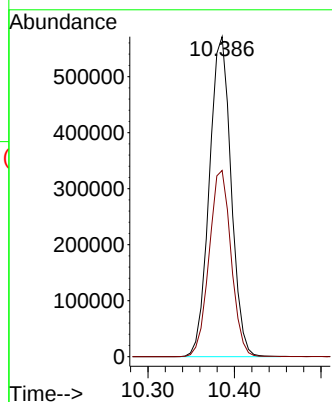
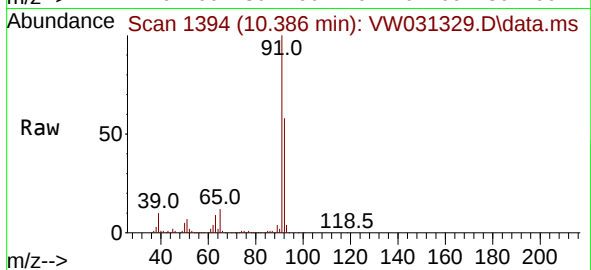
ClientSampleId :

Tgt Ion: 91 Resp: 997738

Ion Ratio Lower Upper

91 100

92 58.2 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 26.700 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VW031329.D

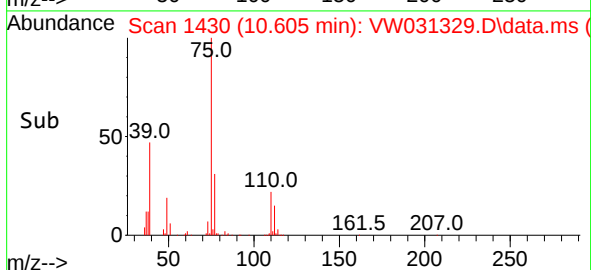
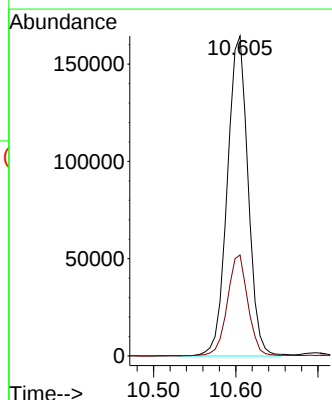
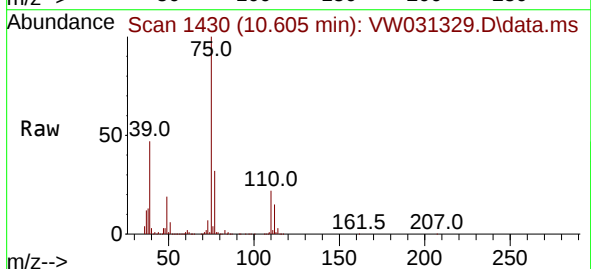
Acq: 18 Dec 2024 09:25

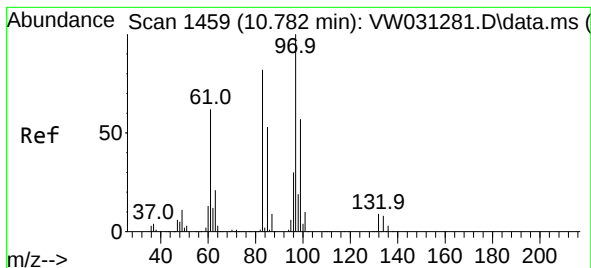
Tgt Ion: 75 Resp: 289174

Ion Ratio Lower Upper

75 100

77 31.6 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 27.306 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031329.D

Acq: 18 Dec 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 142563

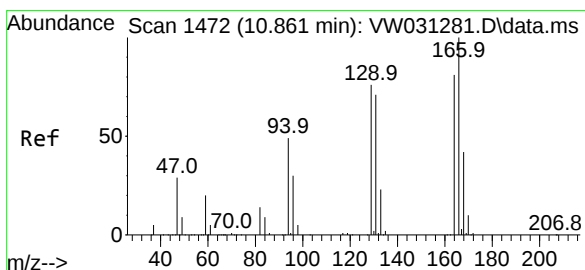
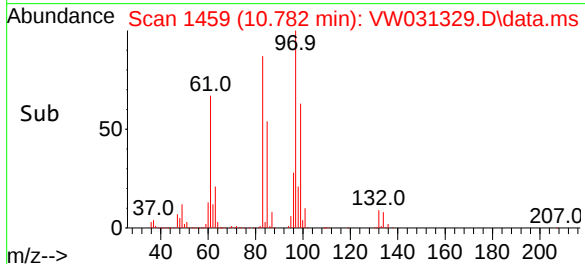
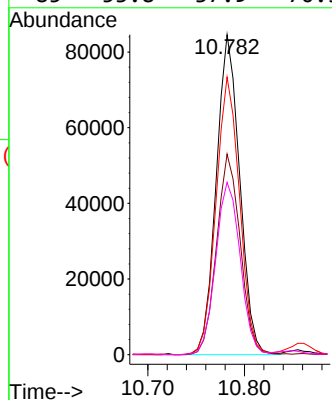
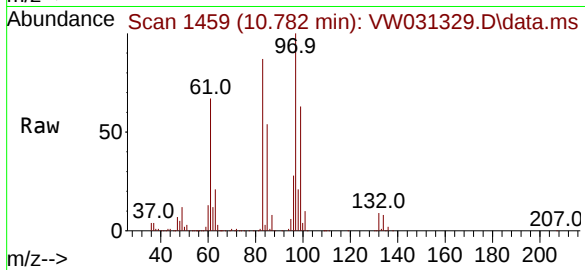
Ion Ratio Lower Upper

97 100

99 62.7 43.0 80.0

83 86.7 56.4 104.7

85 53.8 37.9 70.3



#46

Tetrachloroethene

Concen: 27.902 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW031329.D

Acq: 18 Dec 2024 09:25

Tgt Ion: 164 Resp: 181556

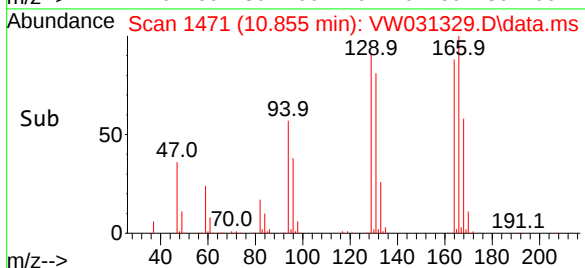
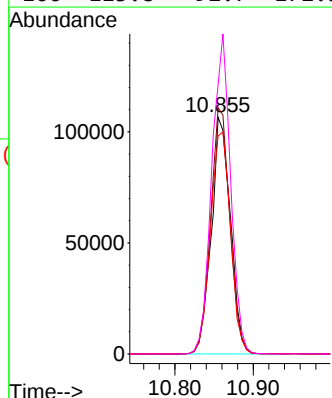
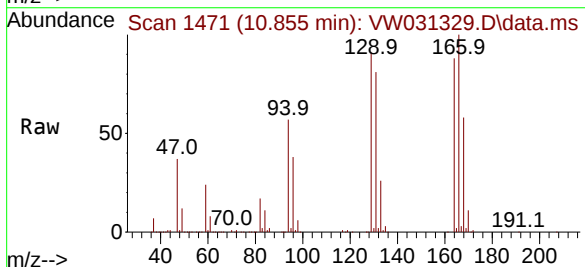
Ion Ratio Lower Upper

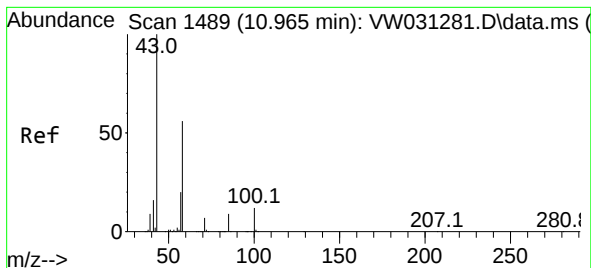
164 100

129 104.1 73.5 136.5

131 92.1 66.6 123.8

166 113.8 92.7 172.3





#48

2-Hexanone

Concen: 50.475 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

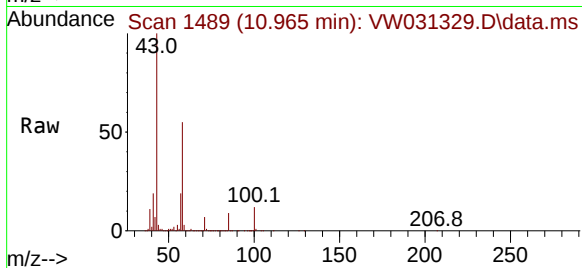
Lab File: VW031329.D

Acq: 18 Dec 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 178773

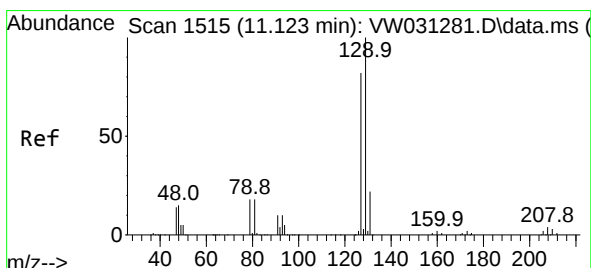
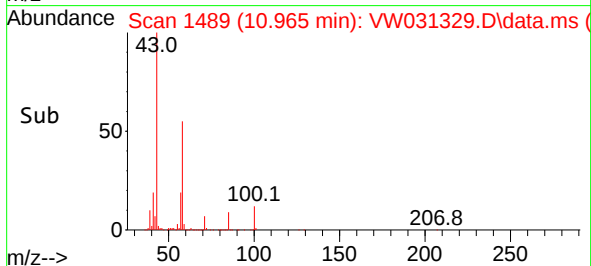
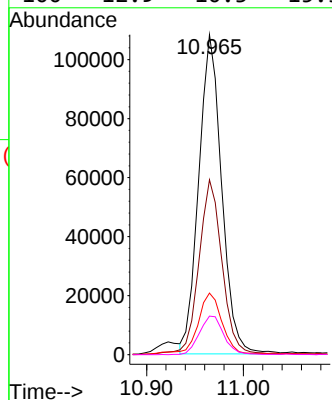
Ion Ratio Lower Upper

43 100

58 55.7 43.0 64.6

57 20.5 15.7 23.5

100 12.9 10.3 15.5



#49

Dibromochloromethane

Concen: 26.940 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW031329.D

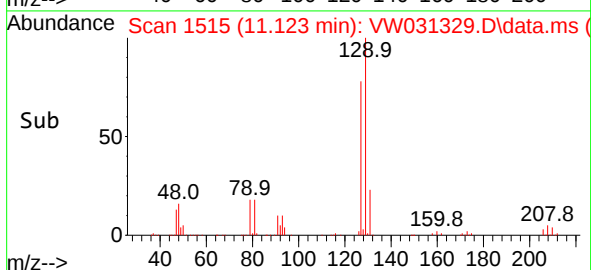
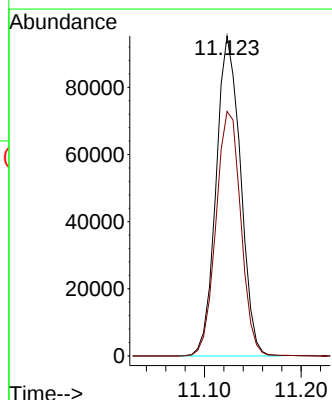
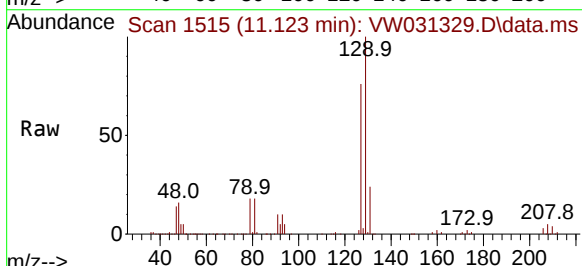
Acq: 18 Dec 2024 09:25

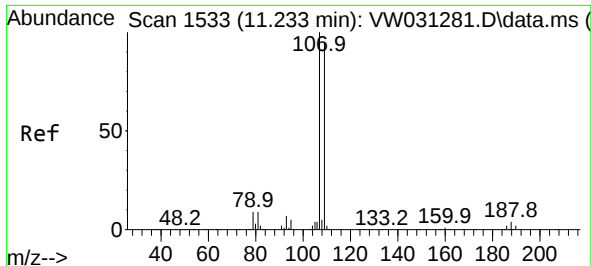
Tgt Ion:129 Resp: 166724

Ion Ratio Lower Upper

129 100

127 76.4 57.6 107.0





#50

1,2-Dibromoethane

Concen: 27.454 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031329.D

Acq: 18 Dec 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

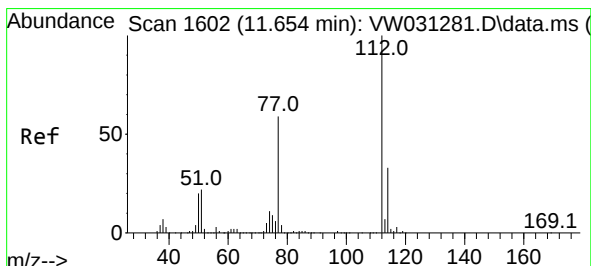
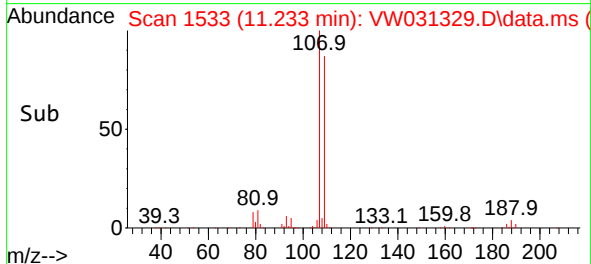
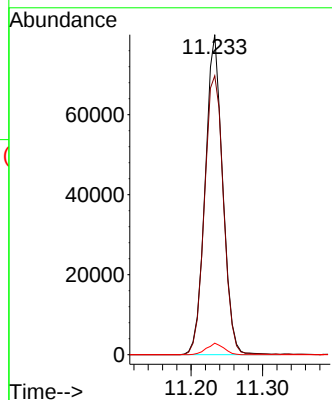
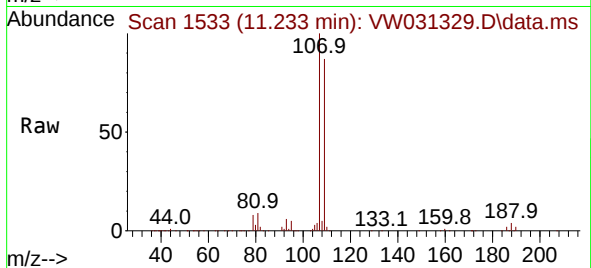
Tgt Ion:107 Resp: 135783

Ion Ratio Lower Upper

107 100

109 87.2 63.2 117.4

188 3.6 2.6 4.0



#51

Chlorobenzene

Concen: 28.732 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW031329.D

Acq: 18 Dec 2024 09:25

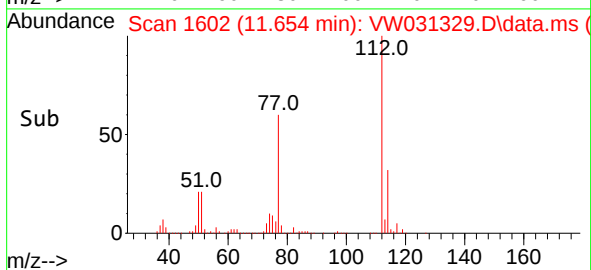
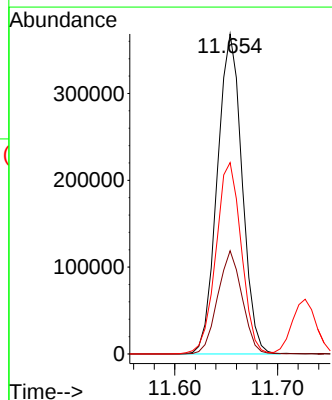
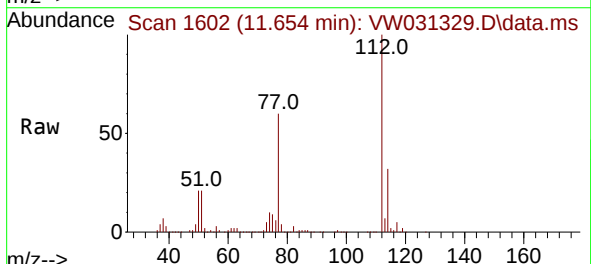
Tgt Ion:112 Resp: 617129

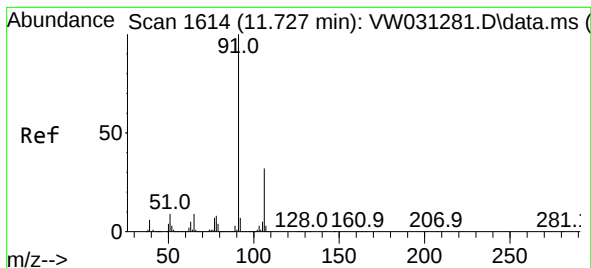
Ion Ratio Lower Upper

112 100

114 32.2 22.7 42.3

77 59.8 50.2 75.4

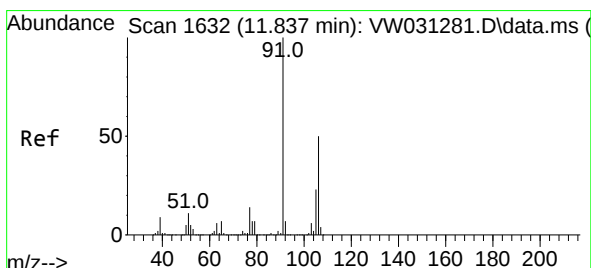
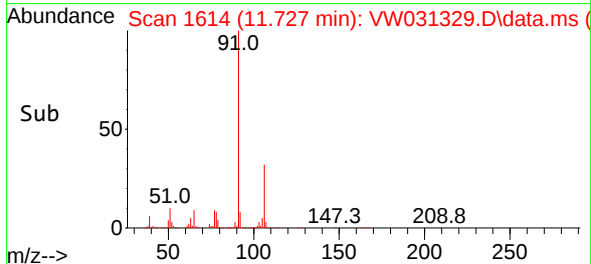
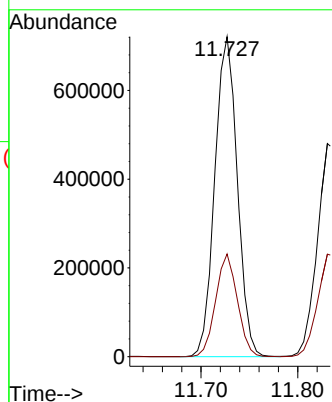
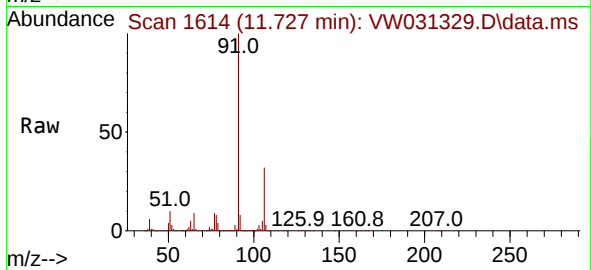




#52
Ethylbenzene
Concen: 29.324 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25

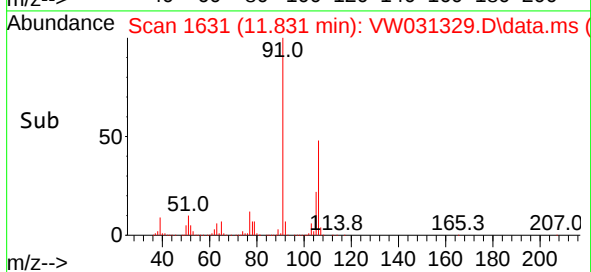
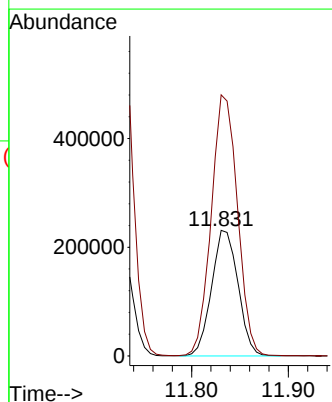
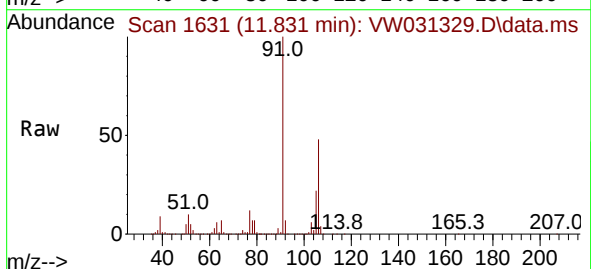
Instrument :
MSVOA_W
ClientSampleId :

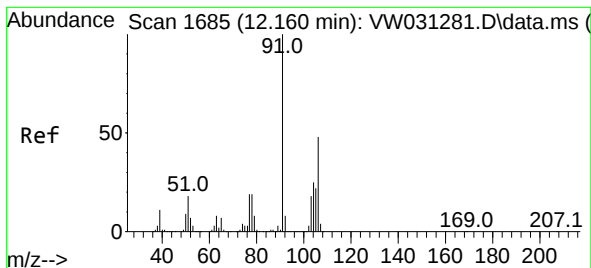
Tgt Ion: 91 Resp: 1164254
Ion Ratio Lower Upper
91 100
106 32.1 20.7 38.5



#53
m,p-Xylene
Concen: 29.015 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25

Tgt Ion:106 Resp: 438540
Ion Ratio Lower Upper
106 100
91 208.0 139.9 259.7

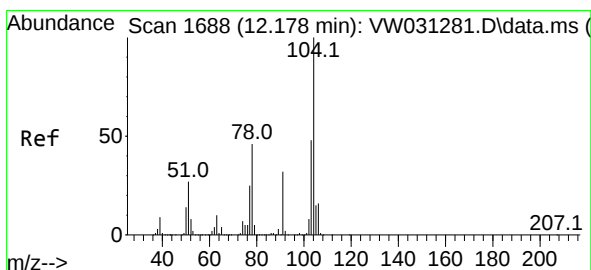
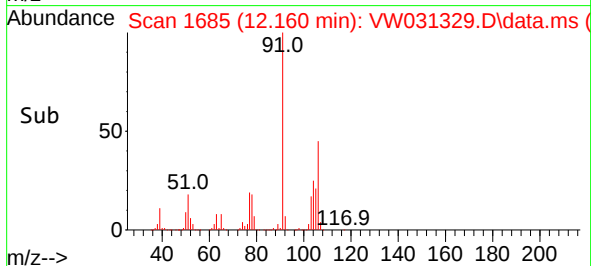
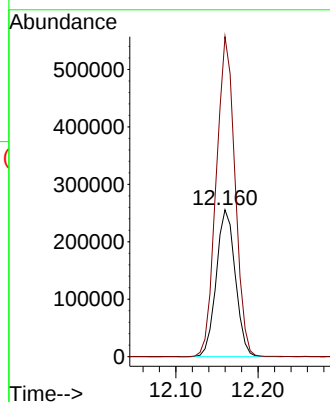
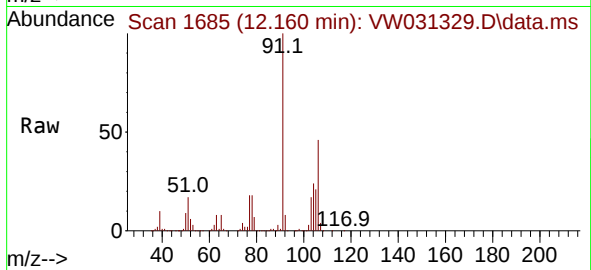




#54
o-Xylene
Concen: 28.903 ug/L
RT: 12.160 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25

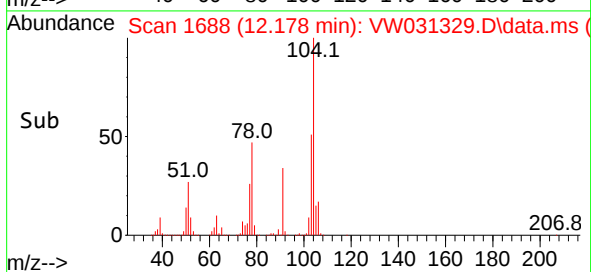
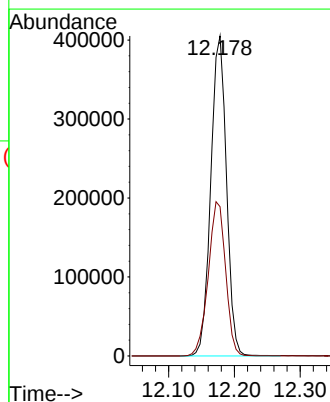
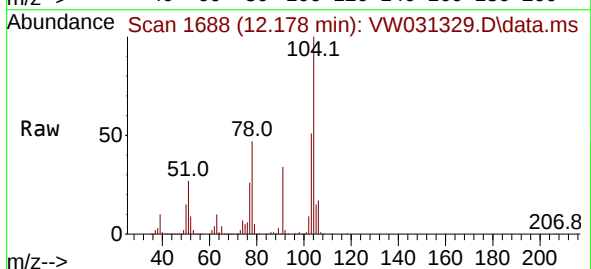
Instrument :
MSVOA_W
ClientSampleId :

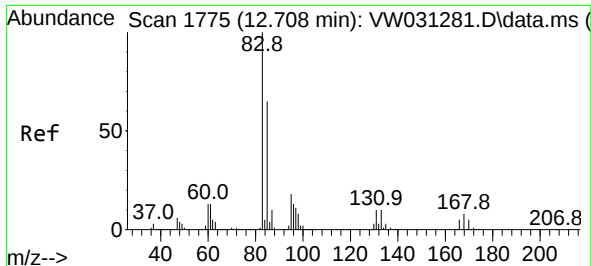
Tgt Ion:106 Resp: 411716
Ion Ratio Lower Upper
106 100
91 217.8 153.1 284.3



#55
Styrene
Concen: 28.427 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25

Tgt Ion:104 Resp: 673567
Ion Ratio Lower Upper
104 100
78 46.7 31.4 58.4





#57

1,1,2-Tetrachloroethane

Concen: 26.434 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

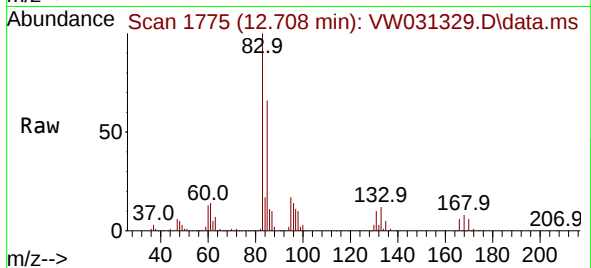
Lab File: VW031329.D

Acq: 18 Dec 2024 09:25

Instrument :

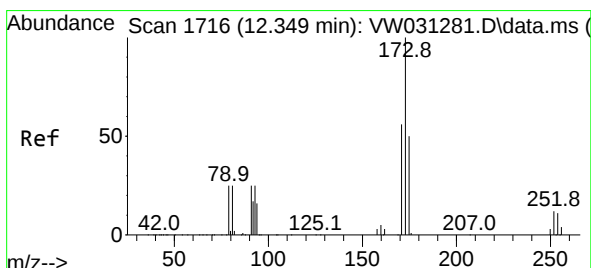
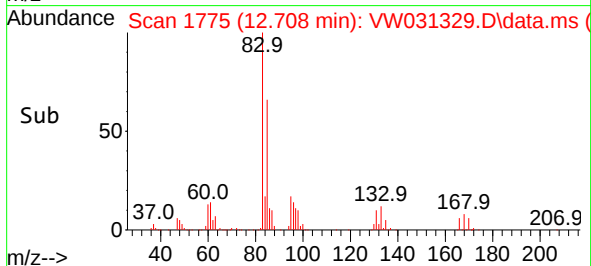
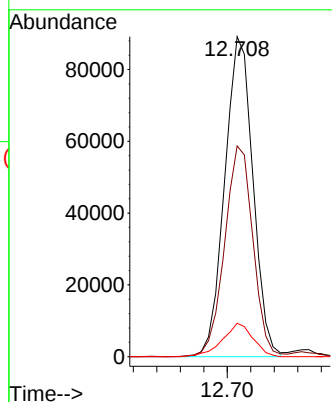
MSVOA_W

ClientSampleId :



Tgt Ion: 83 Resp: 148774

Ion	Ratio	Lower	Upper
83	100		
85	65.9	44.1	81.9
131	10.5	7.9	11.9



#59

Bromoform

Concen: 24.477 ug/L

RT: 12.349 min Scan# 1716

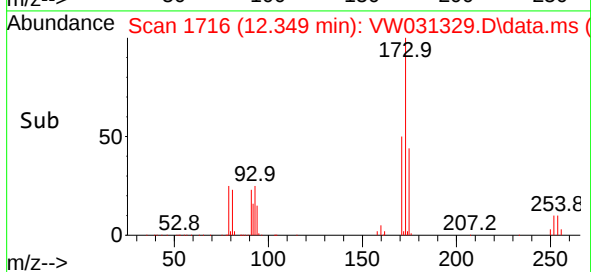
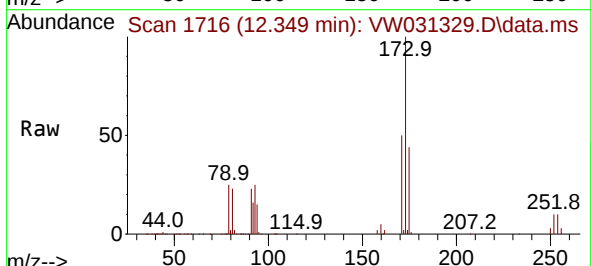
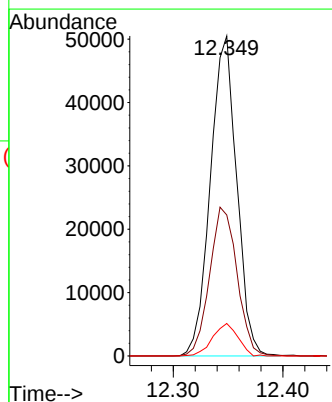
Delta R.T. 0.000 min

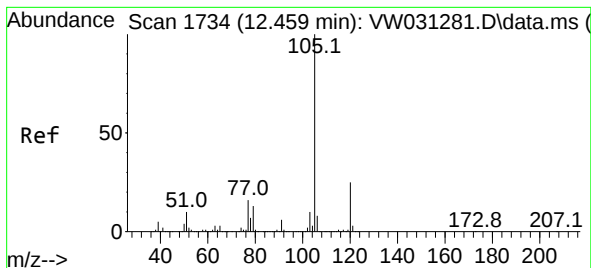
Lab File: VW031329.D

Acq: 18 Dec 2024 09:25

Tgt Ion: 173 Resp: 84241

Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.6	57.8
254	9.7	7.6	11.4





#60

Isopropylbenzene

Concen: 28.974 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031329.D

Acq: 18 Dec 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

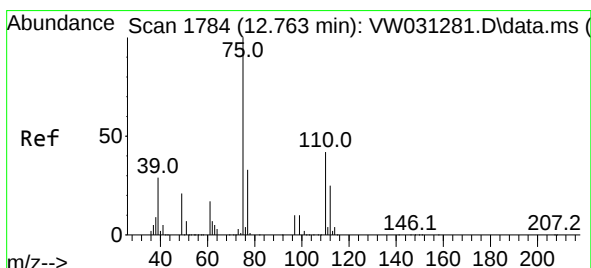
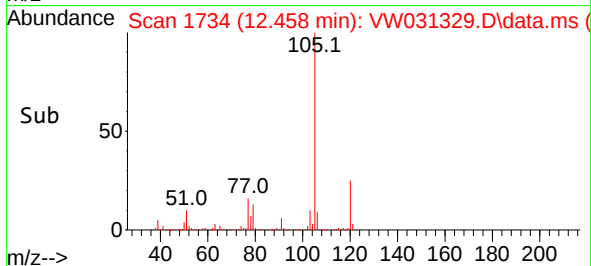
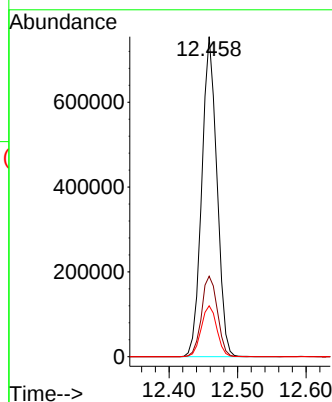
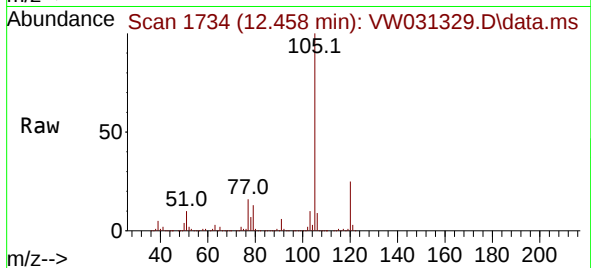
Tgt Ion:105 Resp: 1161580

Ion Ratio Lower Upper

105 100

120 26.3 20.6 31.0

77 16.4 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 26.417 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031329.D

Acq: 18 Dec 2024 09:25

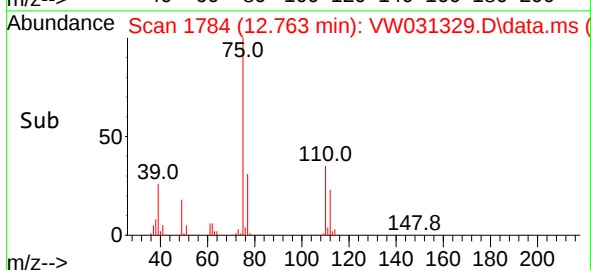
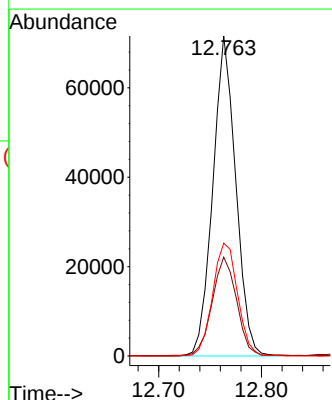
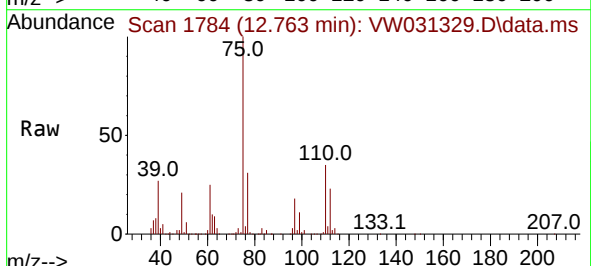
Tgt Ion: 75 Resp: 110743

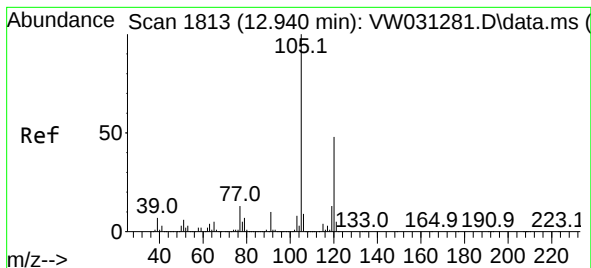
Ion Ratio Lower Upper

75 100

77 32.6 25.3 37.9

110 38.2 31.2 46.8

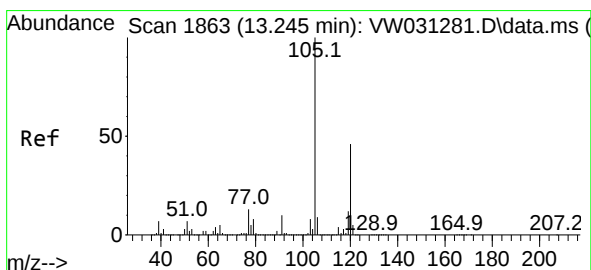
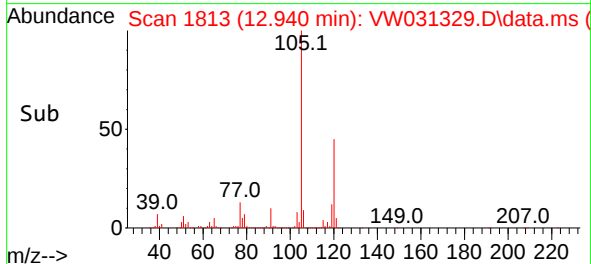
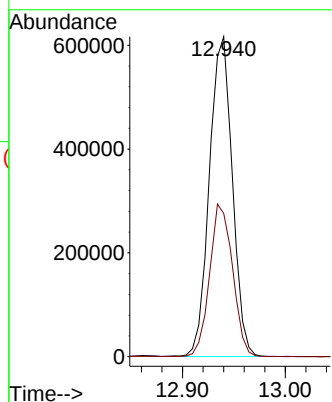
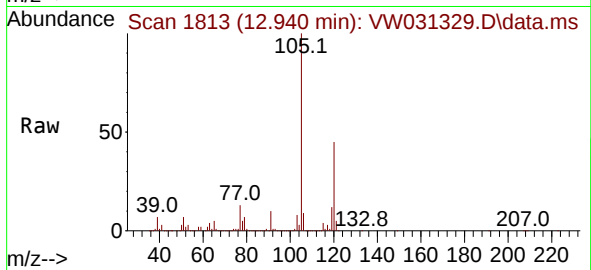




#62
1,3,5-Trimethylbenzene
Concen: 28.065 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25

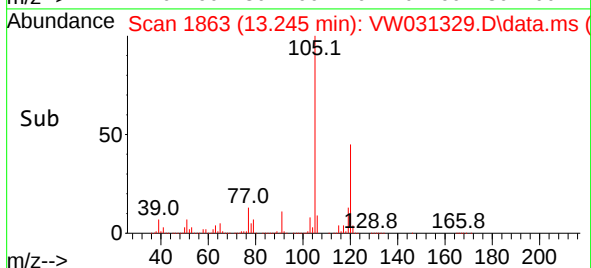
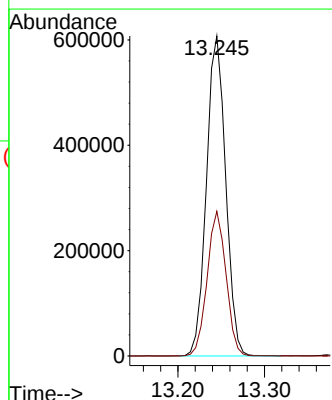
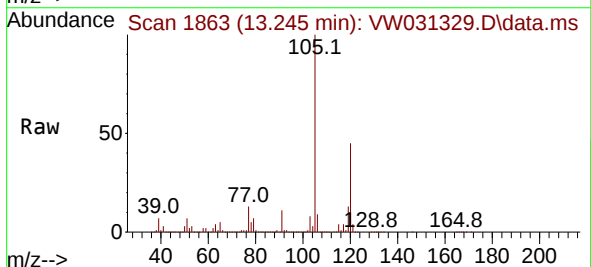
Instrument :
MSVOA_W
ClientSampleId :

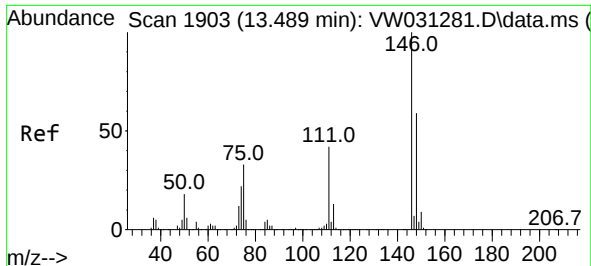
Tgt Ion:105 Resp: 953918
Ion Ratio Lower Upper
105 100
120 47.7 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 28.488 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25

Tgt Ion:105 Resp: 935859
Ion Ratio Lower Upper
105 100
120 44.4 35.0 52.4

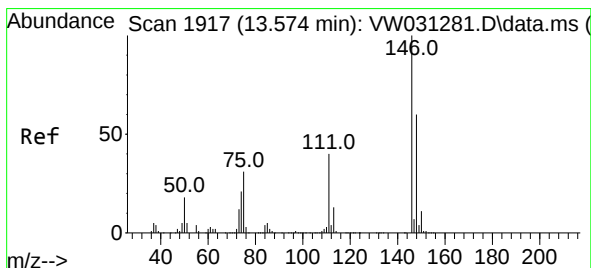
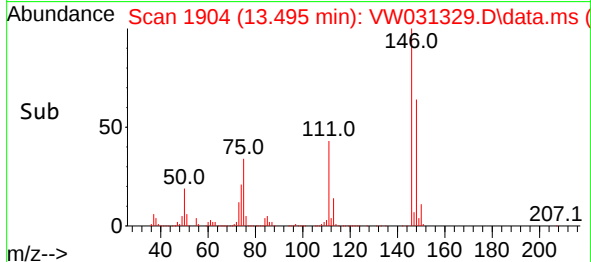
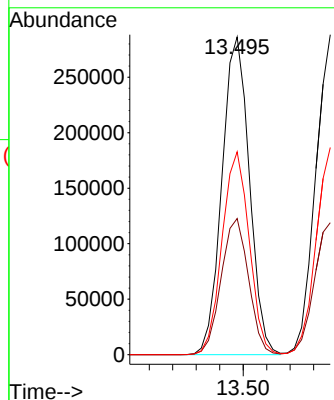
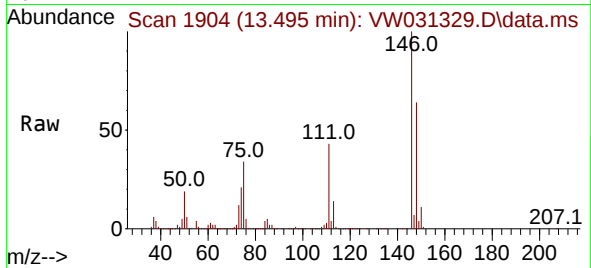




#64
1,3-Dichlorobenzene
Concen: 28.572 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25

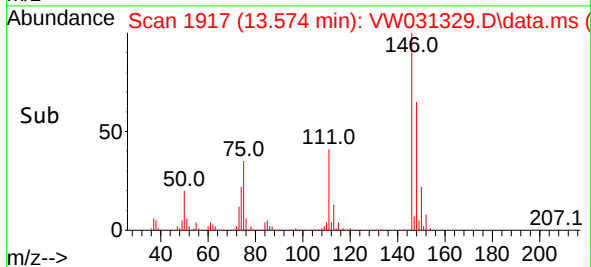
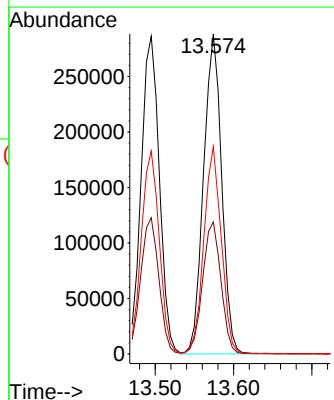
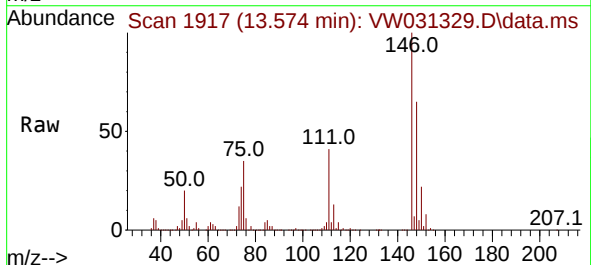
Instrument :
MSVOA_W
ClientSampleId :

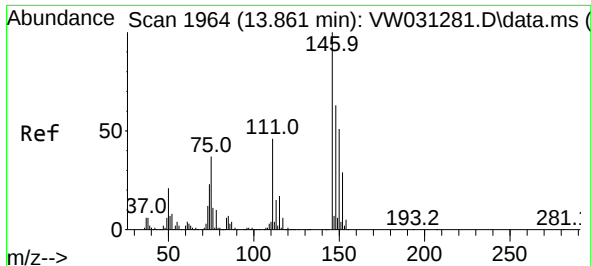
Tgt Ion:146 Resp: 464090
Ion Ratio Lower Upper
146 100
111 42.8 27.6 51.2
148 63.8 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 28.727 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25

Tgt Ion:146 Resp: 462324
Ion Ratio Lower Upper
146 100
111 41.2 30.7 56.9
148 64.8 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 27.789 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VW031329.D

Acq: 18 Dec 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

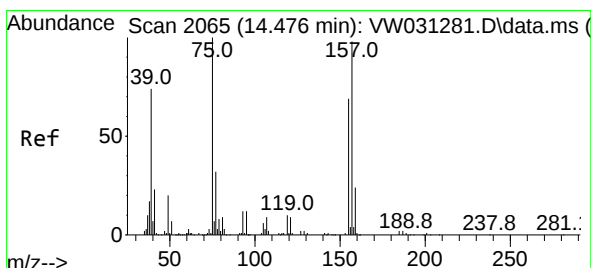
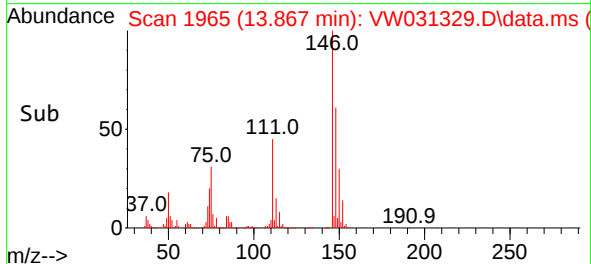
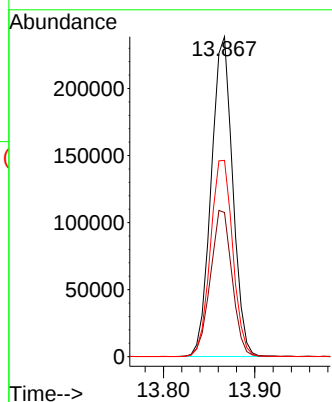
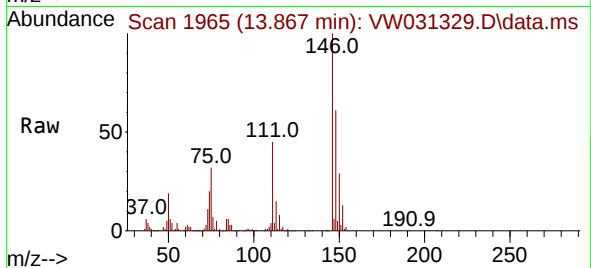
Tgt Ion:146 Resp: 388910

Ion Ratio Lower Upper

146 100

111 45.0 38.6 58.0

148 61.4 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 22.650 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031329.D

Acq: 18 Dec 2024 09:25

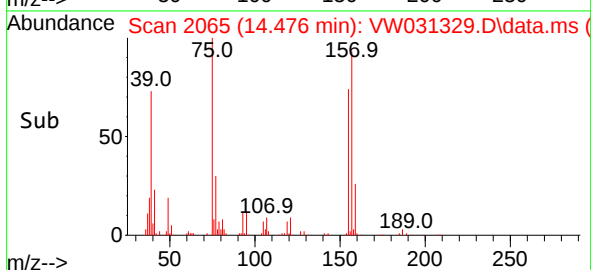
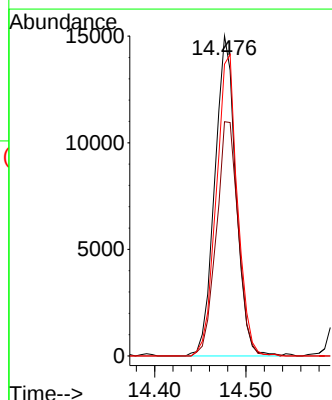
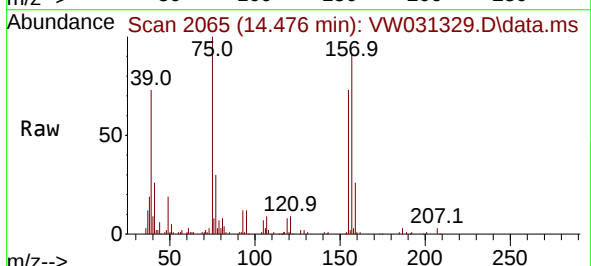
Tgt Ion: 75 Resp: 24096

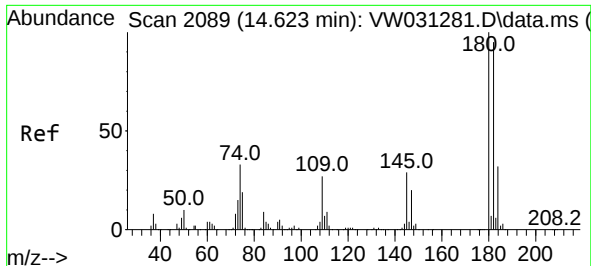
Ion Ratio Lower Upper

75 100

155 73.2 56.6 85.0

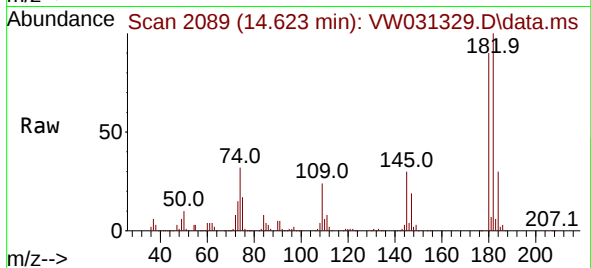
157 91.2 71.2 106.8



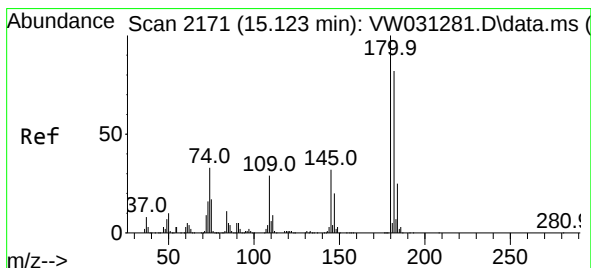
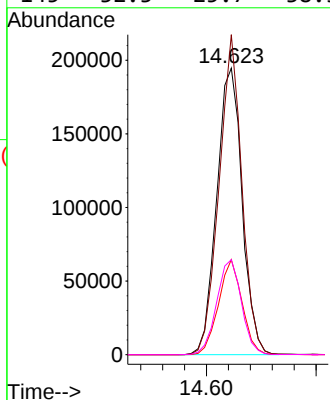
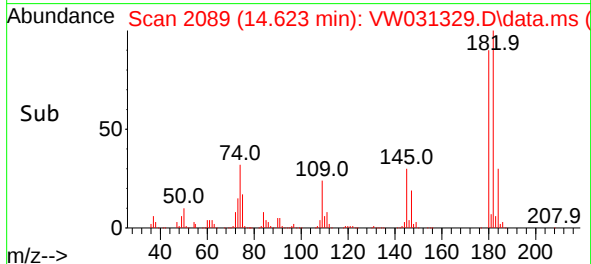


#69
1,3,5-Trichlorobenzene
Concen: 27.536 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25

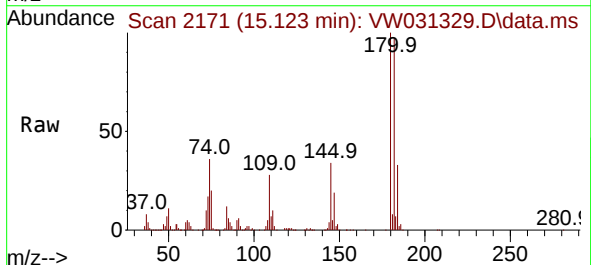
Instrument :
MSVOA_W
ClientSampleId :



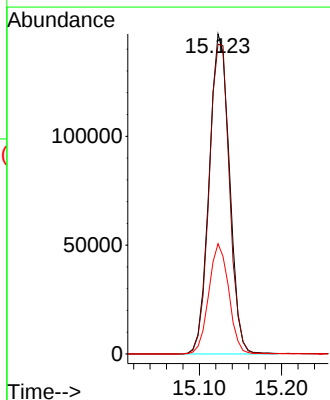
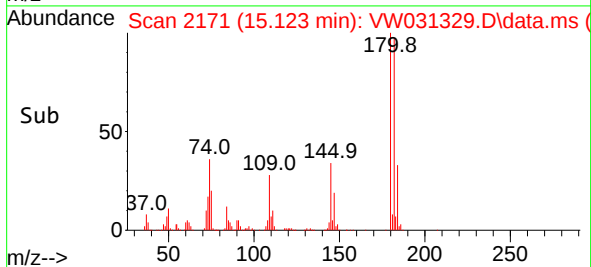
Tgt Ion:180 Resp: 313250
Ion Ratio Lower Upper
180 100
182 100.2 75.0 112.4
184 30.8 24.6 36.8
145 32.3 25.7 38.5

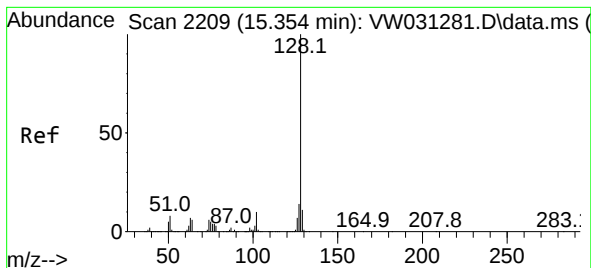


#70
1,2,4-trichlorobenzene
Concen: 26.690 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VW031329.D
Acq: 18 Dec 2024 09:25



Tgt Ion:180 Resp: 252563
Ion Ratio Lower Upper
180 100
182 96.9 78.2 117.2
145 33.8 26.7 40.1





#71

Naphthalene

Concen: 25.827 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VW031329.D

Acq: 18 Dec 2024 09:25

Instrument :

MSVOA_W

ClientSampleId :

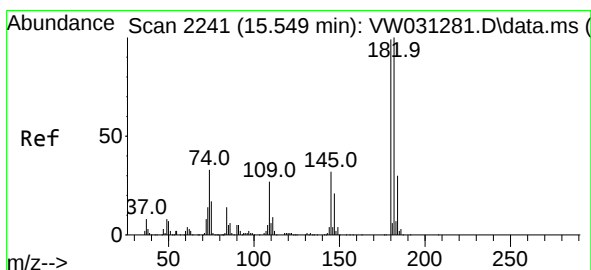
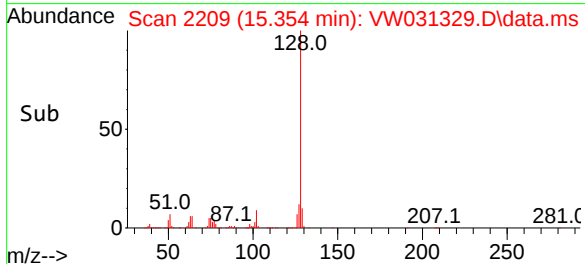
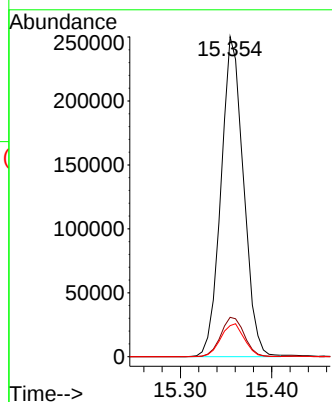
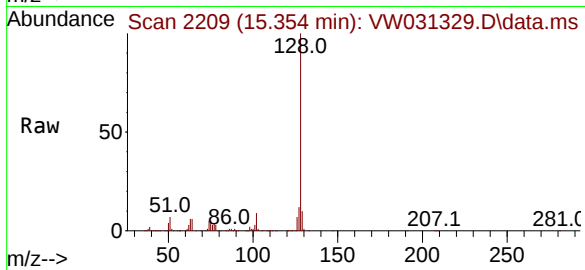
Tgt Ion:128 Resp: 428490

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 27.616 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW031329.D

Acq: 18 Dec 2024 09:25

Tgt Ion:180 Resp: 210550

Ion Ratio Lower Upper

180 100

182 91.8 75.0 112.4

145 33.8 27.8 41.6

