

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121624\
 Data File : VW031299.D
 Acq On : 17 Dec 2024 03:25
 Operator : SY/MD
 Sample : P5155-19MSD
 Misc : 3.73g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 12:44:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 17 02:36:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	1135259	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	788195	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	253047	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	262871	15.389	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.560%
7) Chloroethane-d5	2.893	69	221831	17.556	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.240%
11) 1,1-Dichloroethene-d2	4.009	65	125818	15.528	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.120%
21) 2-Butanone-d5	7.093	46	98153	30.512	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.020%
24) Chloroform-d	7.642	84	574122	18.457	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.840%
26) 1,2-Dichloroethane-d4	8.301	65	311842	19.962	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.840%
32) Benzene-d6	8.270	84	1087751	21.532	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.120%
36) 1,2-Dichloropropane-d6	9.270	67	338978	23.023	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.080%
41) Toluene-d8	10.319	98	854801	18.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.760%
43) trans-1,3-Dichloroprop...	10.575	79	119249	17.565	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.280%
47) 2-Hexanone-d5	10.922	63	77173	38.975	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	208663	22.572	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	167839	17.866	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.480%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	157065	15.308	ug/L	94
3) Chloromethane	2.228	50	198326	17.206	ug/L	96
5) Vinyl chloride	2.369	62	212152	13.281	ug/L	97
6) Bromomethane	2.783	94	108991	11.098	ug/L	99
8) Chloroethane	2.930	64	135820	14.298	ug/L	99
9) Trichlorofluoromethane	3.253	101	278021	16.338	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	187002	13.609	ug/L	99
12) 1,1-Dichloroethene	4.039	96	181257	13.024	ug/L	97
13) Acetone	4.173	43	92017	20.540	ug/L #	100
14) Carbon disulfide	4.381	76	487917	10.750	ug/L	100
15) Methyl Acetate	4.679	43	64139	12.605	ug/L	100
16) Methylene chloride	4.911	84	209937	14.697	ug/L	98
17) trans-1,2-Dichloroethene	5.417	96	202220	13.480	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	418909	16.703	ug/L	99
19) 1,1-Dichloroethane	6.209	63	418624	14.933	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	234022	14.418	ug/L	98
22) 2-Butanone	7.185	43	126281	23.264	ug/L	98
23) Bromochloromethane	7.508	128	104165	16.092	ug/L	90
25) Chloroform	7.673	83	413502	14.945	ug/L	97

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 Response via : Initial Calibration

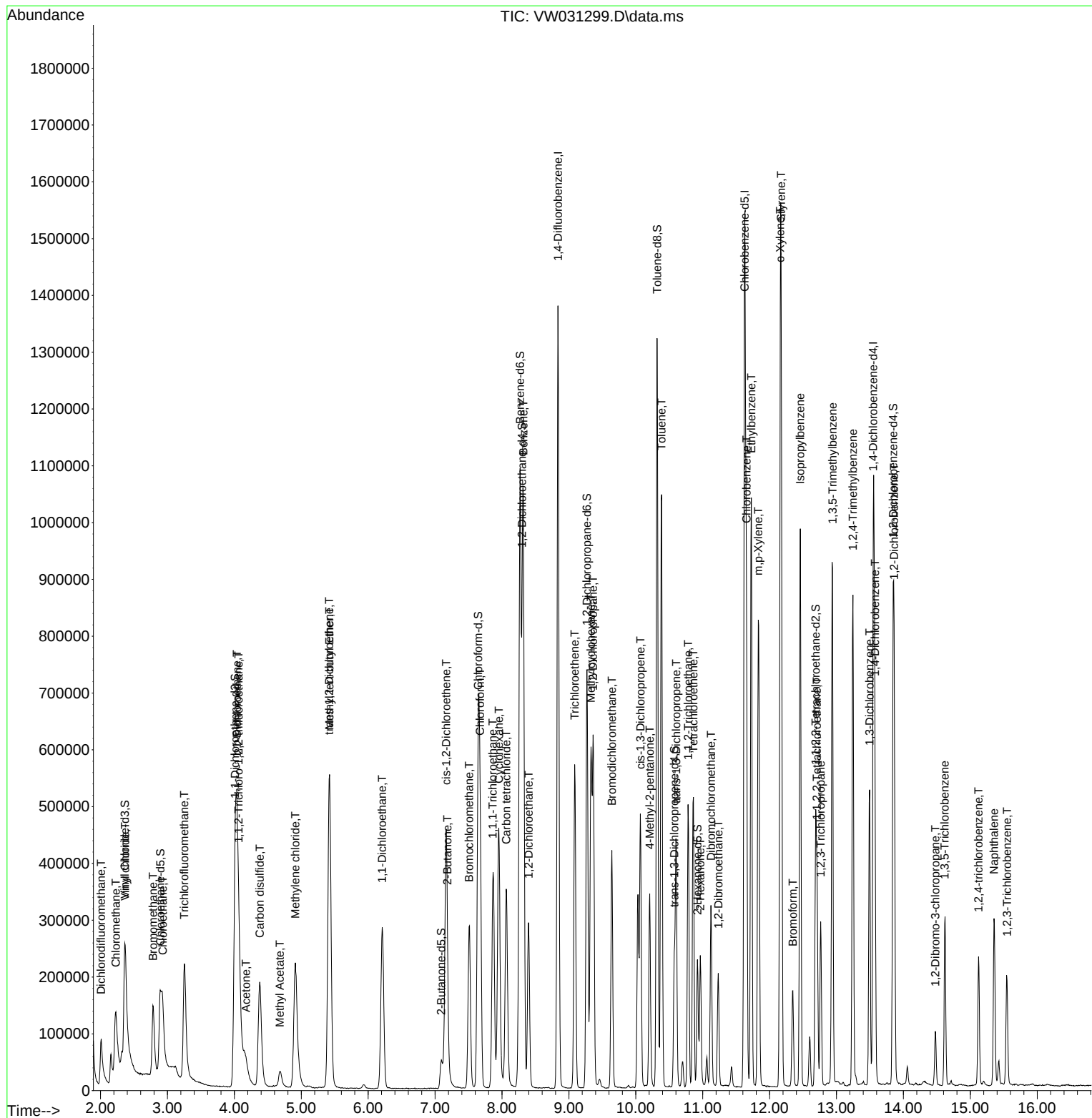
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	272177	15.648	ug/L	98
29) Cyclohexane	7.953	56	280807	13.137	ug/L	98
30) 1,1,1-Trichloroethane	7.862	97	324023	15.905	ug/L	99
31) Carbon tetrachloride	8.063	117	269953	14.873	ug/L	99
33) Benzene	8.319	78	836783	17.179	ug/L	100
34) Trichloroethene	9.087	95	201984	14.688	ug/L	94
35) Methylcyclohexane	9.331	83	247711	10.344	ug/L	99
37) 1,2-Dichloropropane	9.361	63	220616	18.156	ug/L	100
38) Bromodichloromethane	9.642	83	272817	17.270	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	278894	13.583	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	221781	34.402	ug/L	100
42) Toluene	10.386	91	767824	14.479	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	236680	14.117	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	152060	18.814	ug/L	97
46) Tetrachloroethene	10.861	164	114833	11.400	ug/L	90
48) 2-Hexanone	10.965	43	145941	26.618	ug/L	100
49) Dibromochloromethane	11.123	129	161773	16.886	ug/L	97
50) 1,2-Dibromoethane	11.233	107	133842	17.481	ug/L	99
51) Chlorobenzene	11.654	112	434509	13.068	ug/L	97
52) Ethylbenzene	11.727	91	721183	11.734	ug/L	96
53) m,p-Xylene	11.830	106	269011	11.497	ug/L	100
54) o-Xylene	12.160	106	289137	13.112	ug/L	100
55) Styrene	12.172	104	441449	12.035	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	157984	18.133	ug/L	98
59) Bromoform	12.349	173	75832	21.332	ug/L	97
60) Isopropylbenzene	12.458	105	616584	14.890	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	118723	27.418	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	496764	14.150	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	481888	14.201	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	207408	12.362	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	211130	12.701	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	211654	14.641	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	25173	22.909	ug/L	94
69) 1,3,5-Trichlorobenzene	14.617	180	88784	7.556	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	66275	6.780	ug/L	98
71) Naphthalene	15.354	128	256275	14.955	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	63648	8.082	ug/L	98

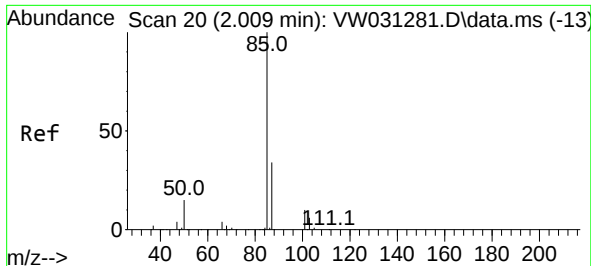
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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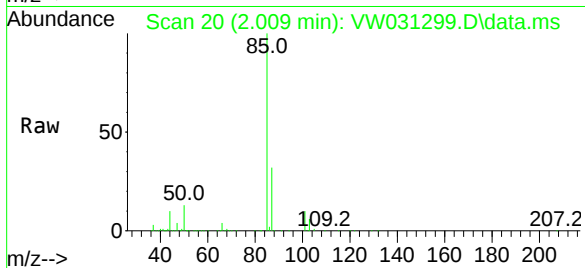
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Quant Title : SFAM01.0
QLast Update : Tue Dec 17 02:36:53 2024
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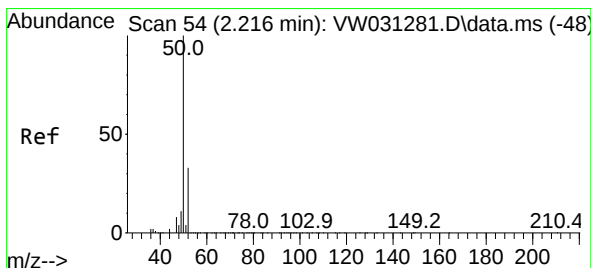
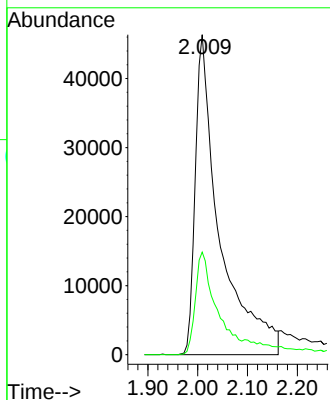
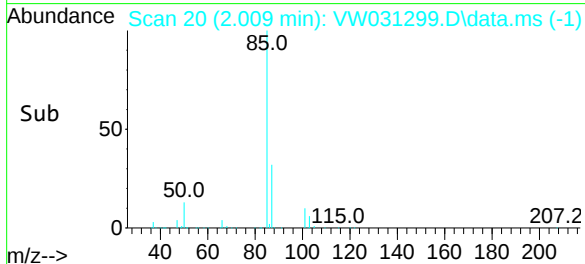


#2
Dichlorodifluoromethane
Concen: 15.308 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.000 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

Instrument :
MSVOA_W
ClientSampleId :

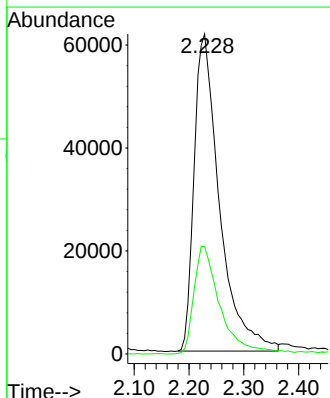
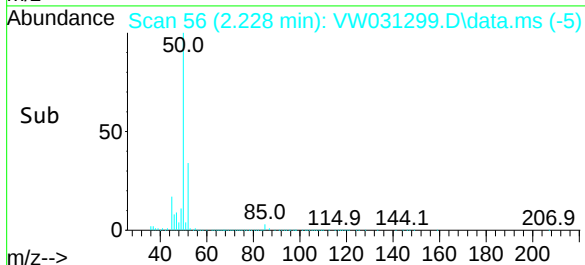
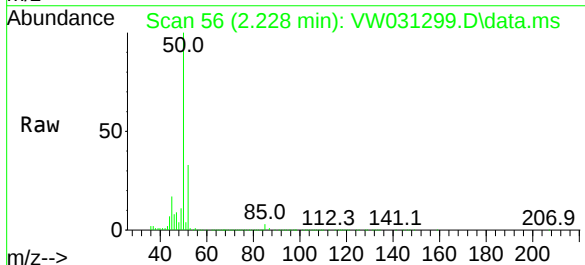


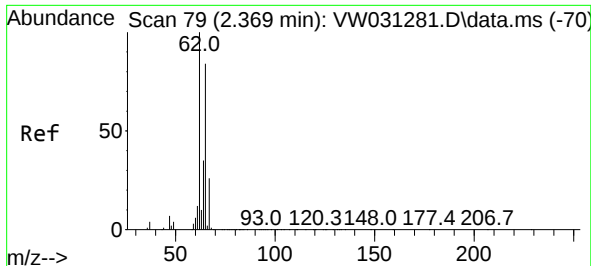
Tgt Ion: 85 Resp: 157065
Ion Ratio Lower Upper
85 100
87 27.7 24.9 37.3



#3
Chloromethane
Concen: 17.206 ug/L
RT: 2.228 min Scan# 56
Delta R.T. 0.012 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

Tgt Ion: 50 Resp: 198326
Ion Ratio Lower Upper
50 100
52 33.5 22.0 41.0

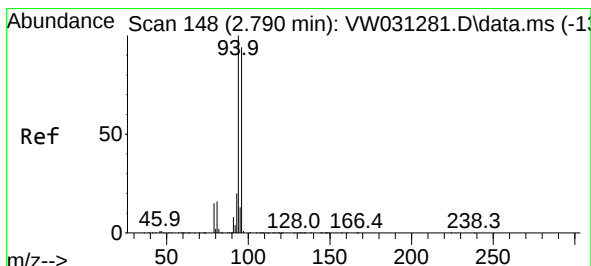
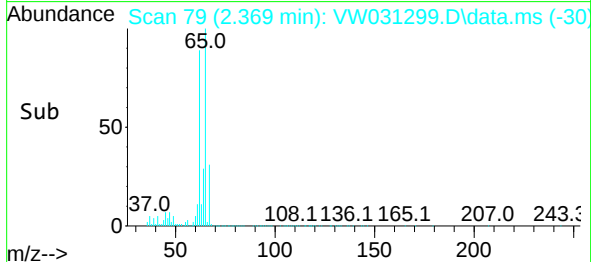
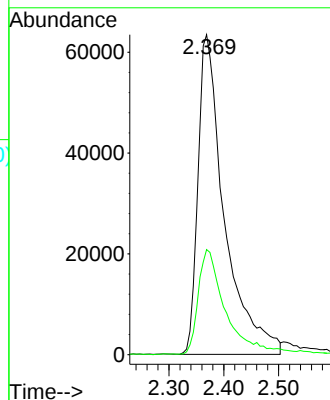
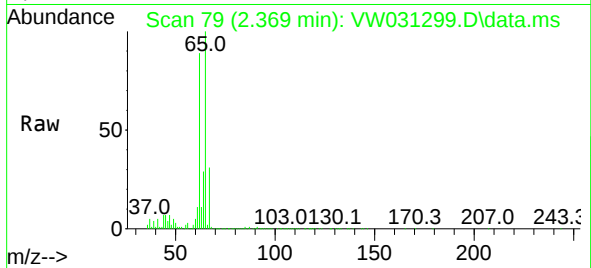




#5
 Vinyl chloride
 Concen: 13.281 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VW031299.D
 Acq: 17 Dec 2024 03:25

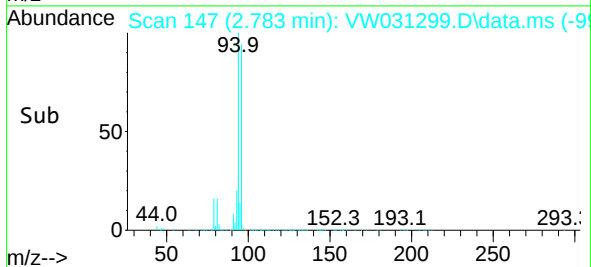
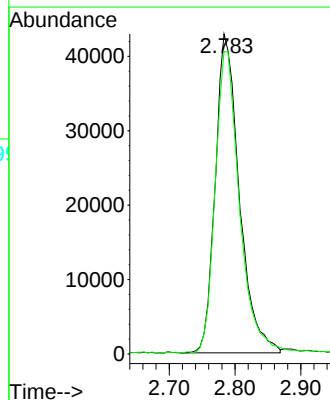
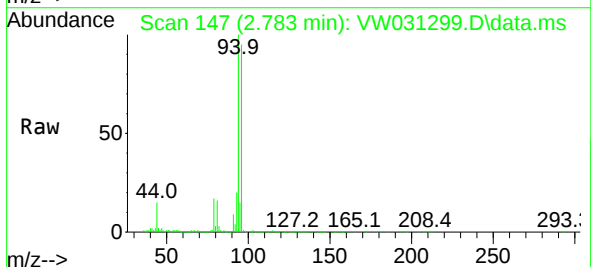
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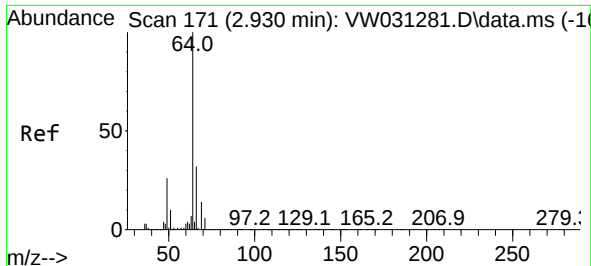
Tgt Ion: 62 Resp: 212152
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.1 44.8



#6
 Bromomethane
 Concen: 11.098 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW031299.D
 Acq: 17 Dec 2024 03:25

Tgt Ion: 94 Resp: 108991
 Ion Ratio Lower Upper
 94 100
 96 94.5 65.6 121.8

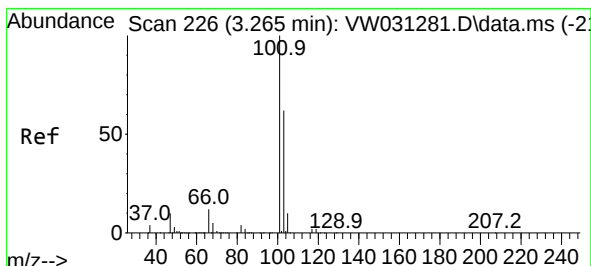
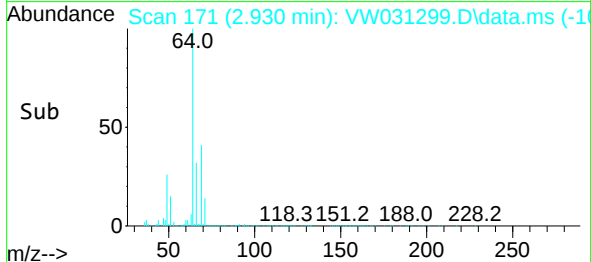
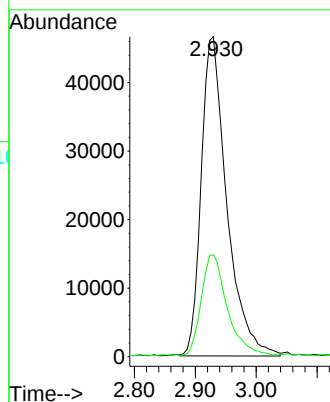
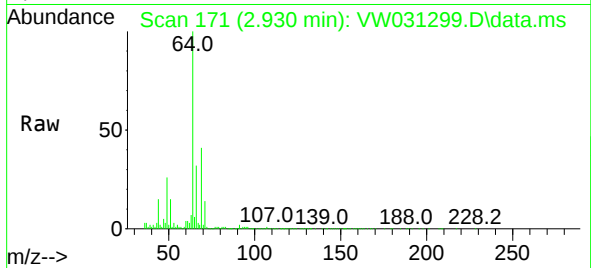




#8
Chloroethane
Concen: 14.298 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

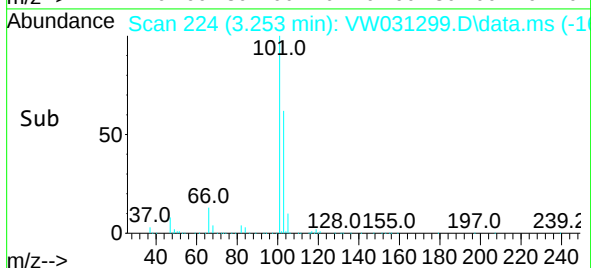
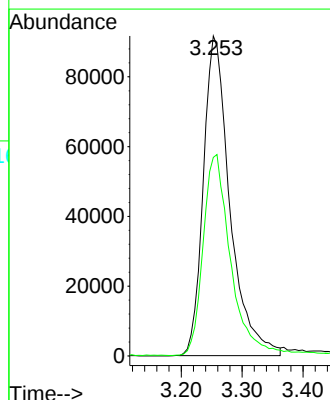
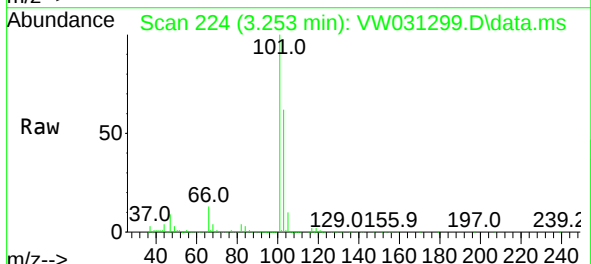
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MSVOA_W
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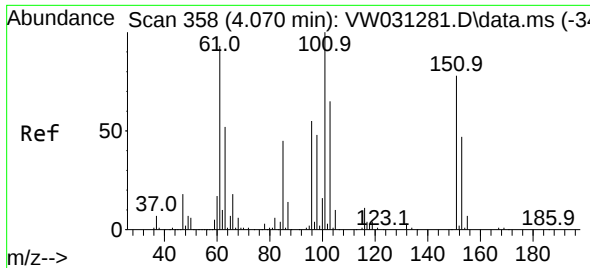
Tgt Ion: 64 Resp: 135820
Ion Ratio Lower Upper
64 100
66 31.8 22.7 42.3



#9
Trichlorofluoromethane
Concen: 16.338 ug/L
RT: 3.253 min Scan# 224
Delta R.T. -0.012 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

Tgt Ion:101 Resp: 278021
Ion Ratio Lower Upper
101 100
103 65.1 51.6 77.4

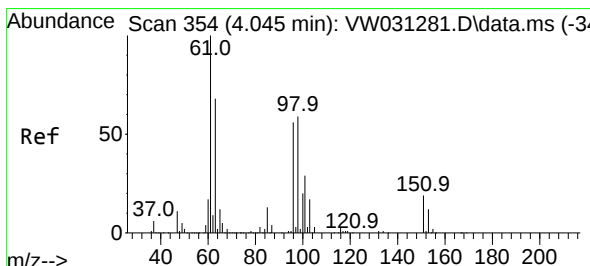
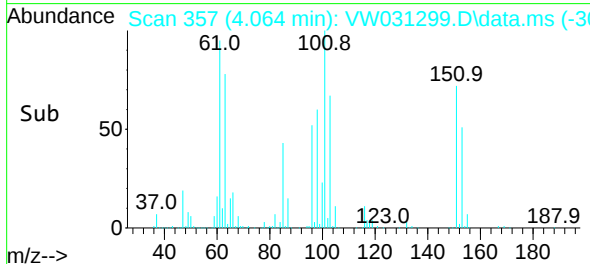
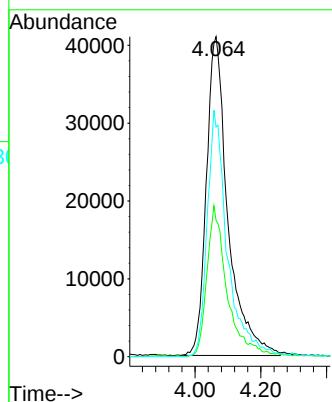
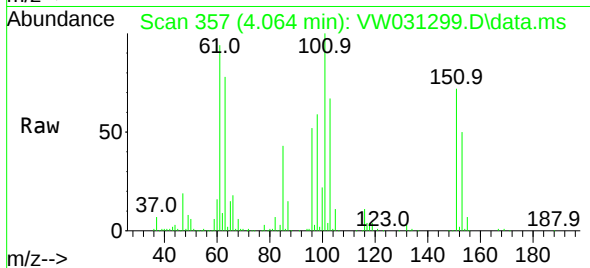




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 13.609 ug/L
 RT: 4.064 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW031299.D
 Acq: 17 Dec 2024 03:25

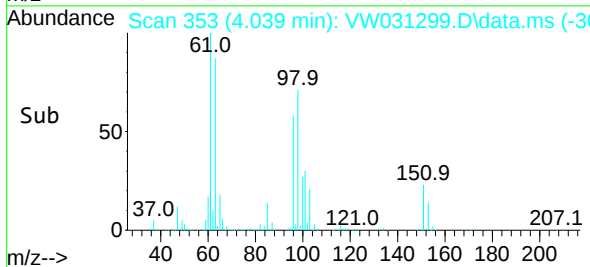
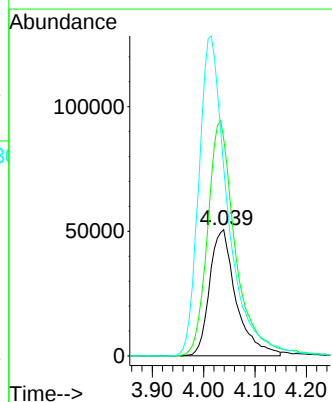
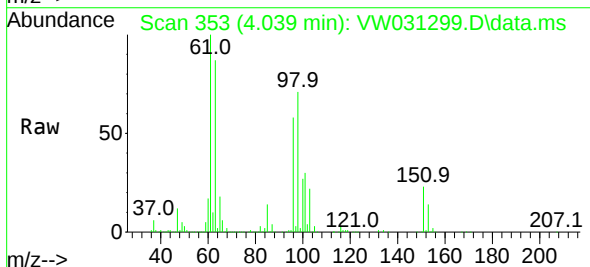
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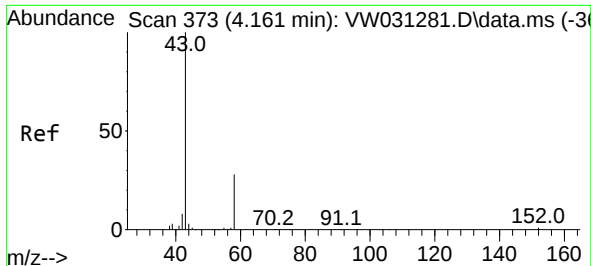
Tgt Ion:101 Resp: 187002
 Ion Ratio Lower Upper
 101 100
 85 40.7 33.0 49.4
 151 69.9 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 13.024 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW031299.D
 Acq: 17 Dec 2024 03:25

Tgt Ion: 96 Resp: 181257
 Ion Ratio Lower Upper
 96 100
 61 171.9 125.3 232.7
 63 149.0 104.6 194.2

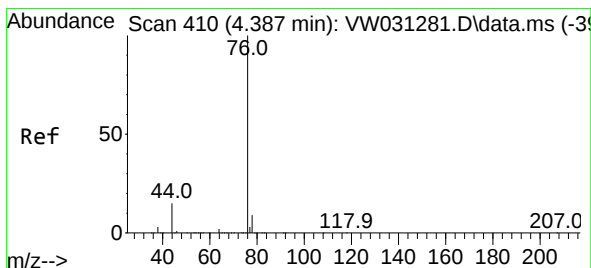
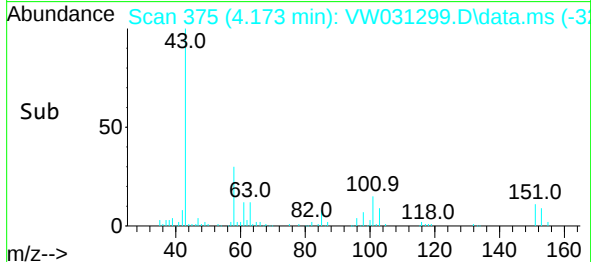
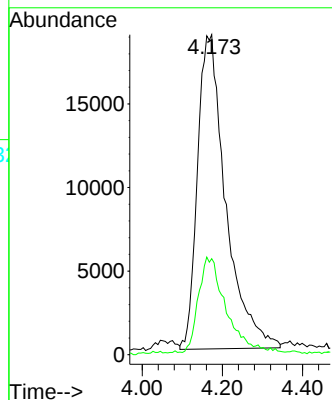
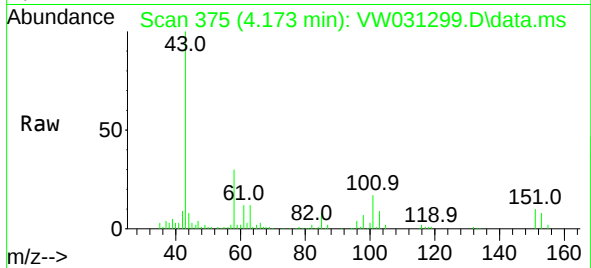




#13
Acetone
Concen: 20.540 ug/L
RT: 4.173 min Scan# 31
Delta R.T. 0.012 min
Lab File: VW031299.D
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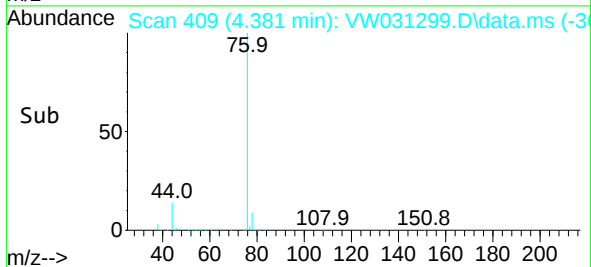
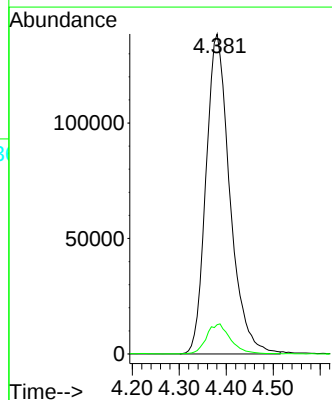
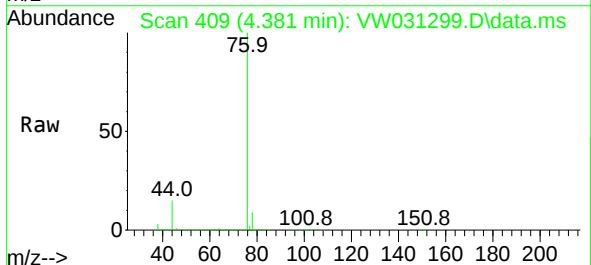
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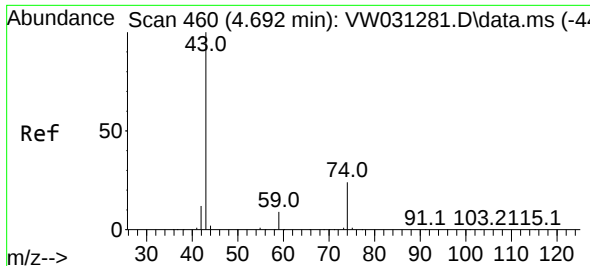
Tgt Ion: 43 Resp: 92017
Ion Ratio Lower Upper
43 100
58 12.4 0.0 0.0#



#14
Carbon disulfide
Concen: 10.750 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.006 min
Lab File: VW031299.D
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Tgt Ion: 76 Resp: 487917
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

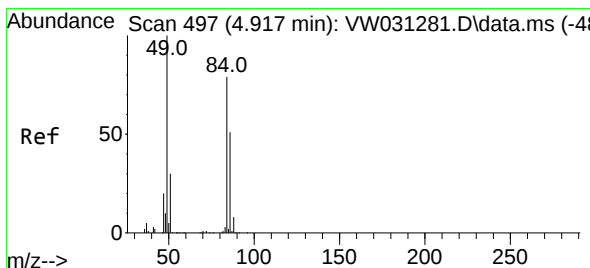
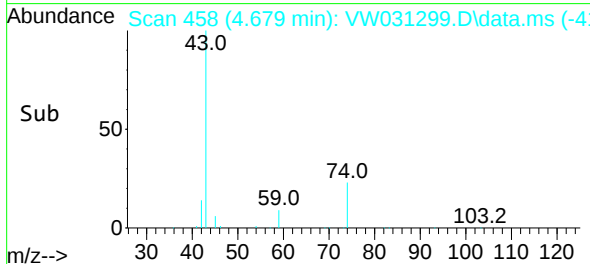
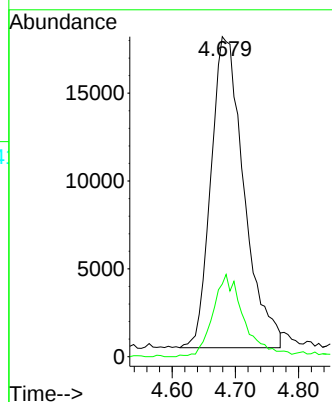
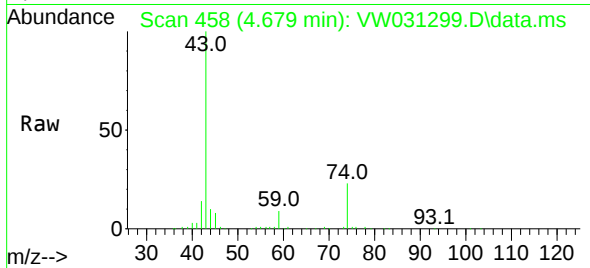




#15
Methyl Acetate
Concen: 12.605 ug/L
RT: 4.679 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

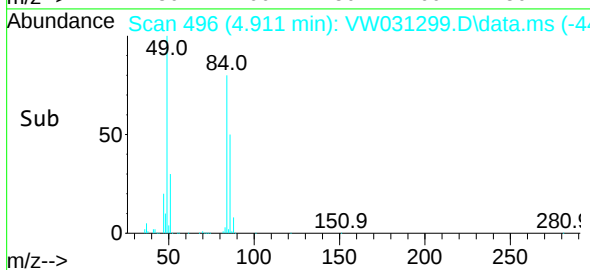
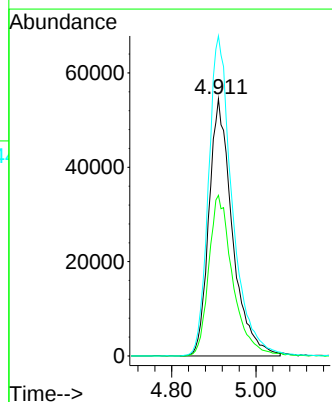
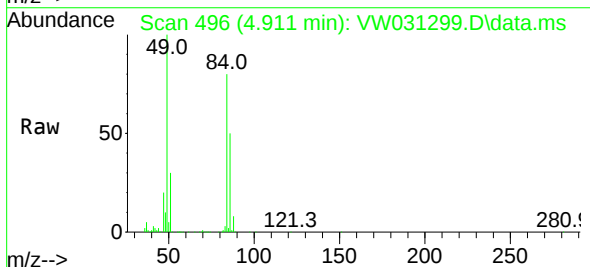
Instrument :
MSVOA_W
ClientSampleId :

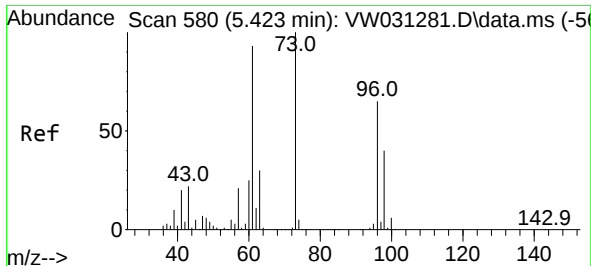
Tgt Ion: 43 Resp: 64139
Ion Ratio Lower Upper
43 100
74 23.7 18.9 28.3



#16
Methylene chloride
Concen: 14.697 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

Tgt Ion: 84 Resp: 209937
Ion Ratio Lower Upper
84 100
86 62.5 44.7 82.9
49 124.4 88.3 164.1

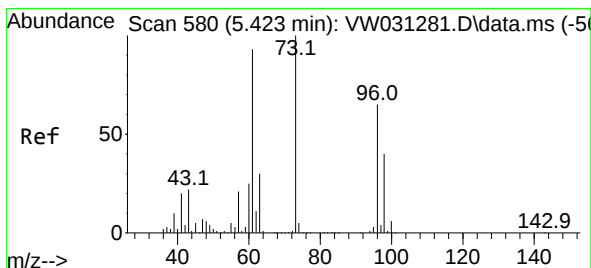
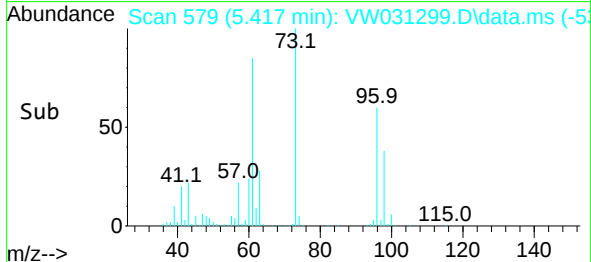
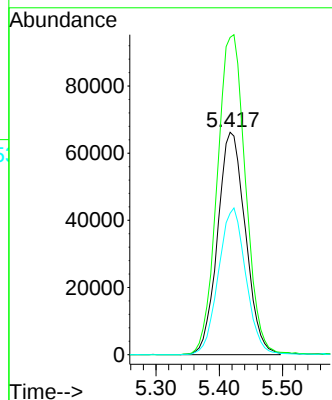
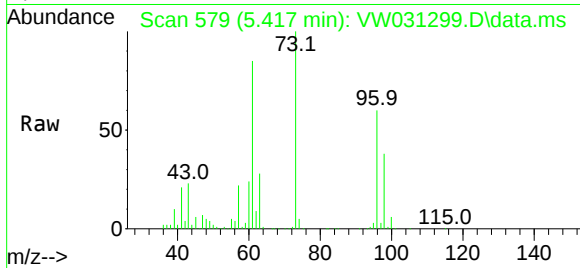




#17
trans-1,2-Dichloroethene
Concen: 13.480 ug/L
RT: 5.417 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

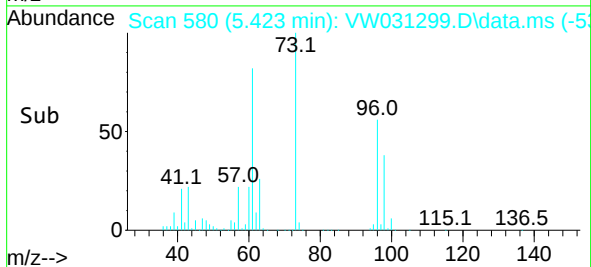
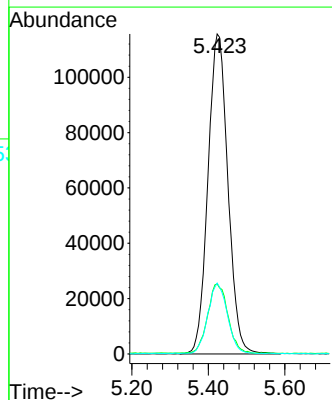
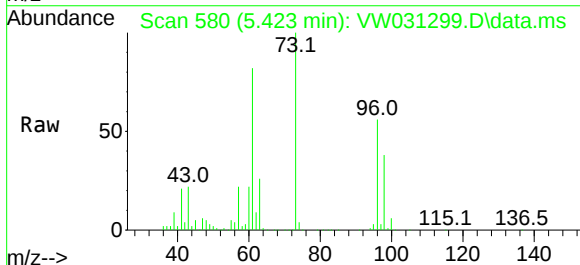
Instrument :
MSVOA_W
ClientSampleId :

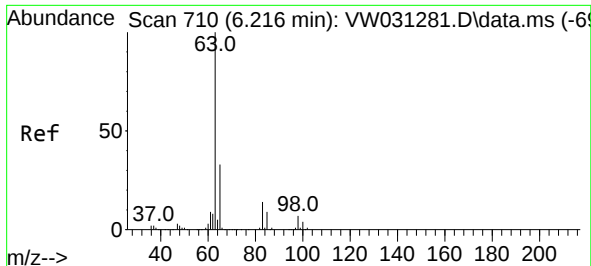
Tgt Ion: 96 Resp: 202220
Ion Ratio Lower Upper
96 100
61 142.7 100.7 187.1
98 63.6 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 16.703 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

Tgt Ion: 73 Resp: 418909
Ion Ratio Lower Upper
73 100
43 22.2 17.9 26.9
57 21.8 17.9 26.9





#19

1,1-Dichloroethane

Concen: 14.933 ug/L

RT: 6.209 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW031299.D

Acq: 17 Dec 2024 03:25

Instrument :

MSVOA_W

ClientSampleId :

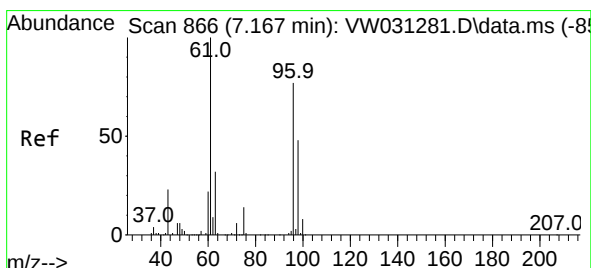
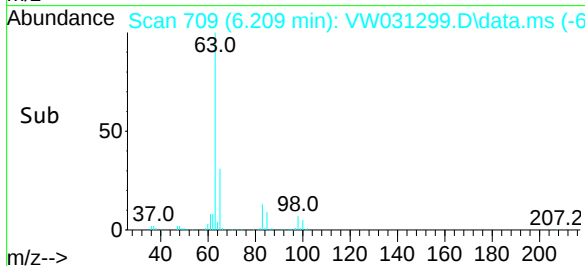
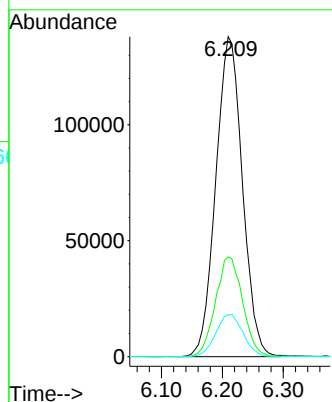
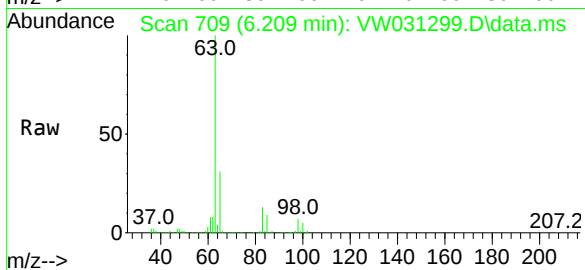
Tgt Ion: 63 Resp: 418624

Ion Ratio Lower Upper

63 100

65 31.2 21.9 40.7

83 13.1 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 14.418 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW031299.D

Acq: 17 Dec 2024 03:25

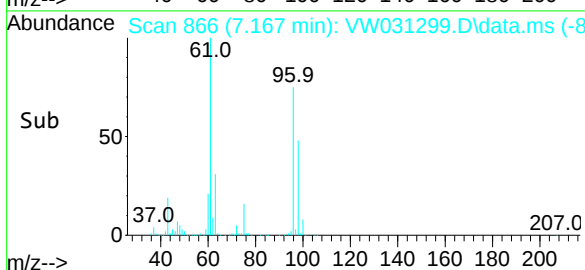
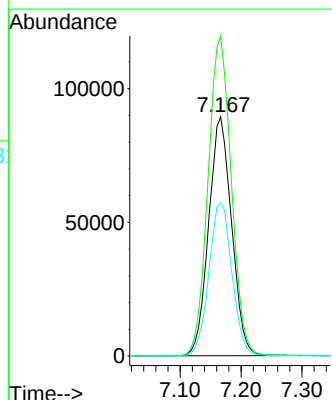
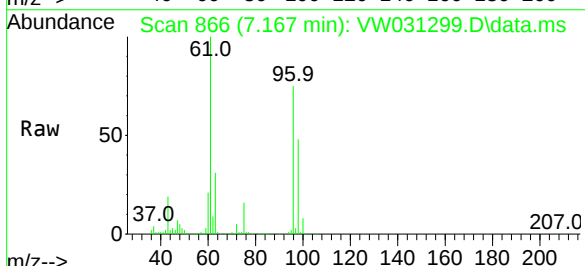
Tgt Ion: 96 Resp: 234022

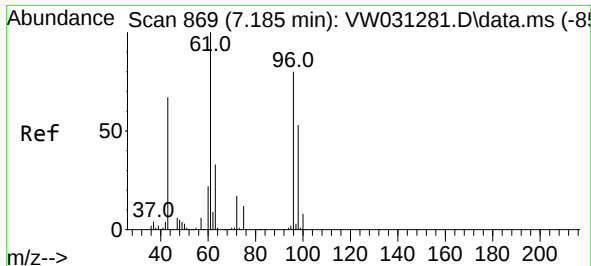
Ion Ratio Lower Upper

96 100

61 133.8 92.2 171.2

98 63.9 43.7 81.1

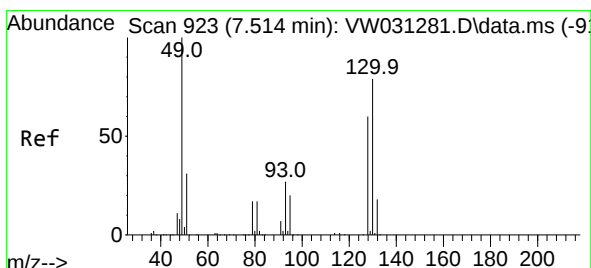
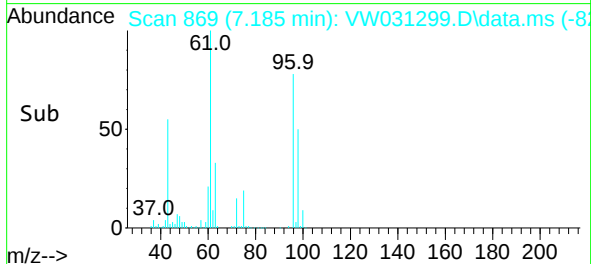
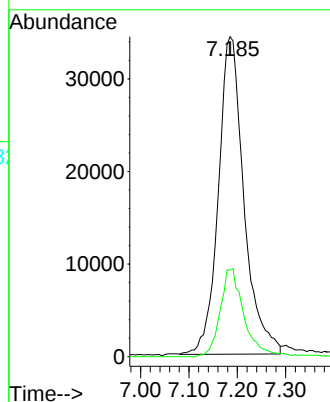
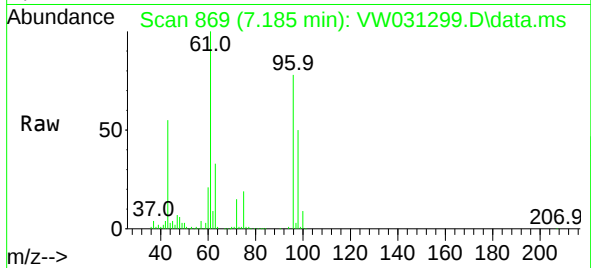




#22
2-Butanone
Concen: 23.264 ug/L
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

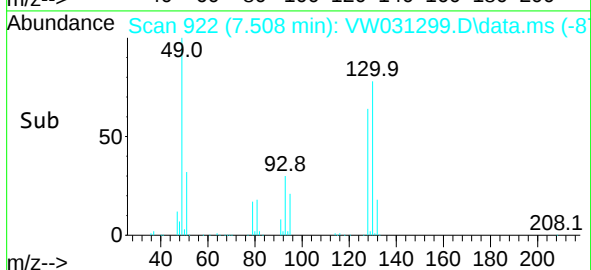
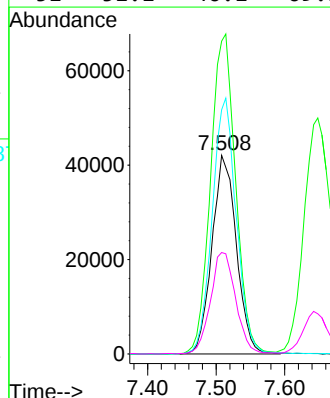
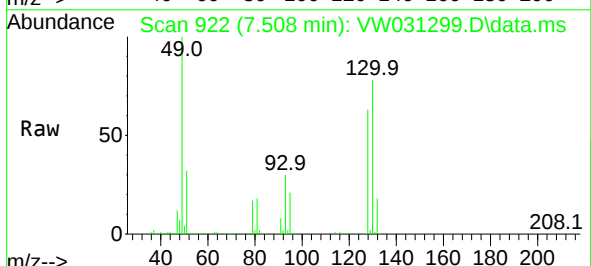
Instrument :
MSVOA_W
ClientSampleId :

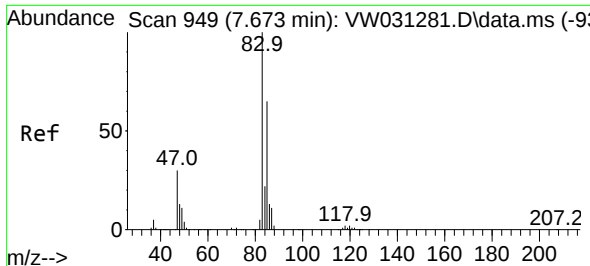
Tgt Ion: 43 Resp: 126281
Ion Ratio Lower Upper
43 100
72 25.5 13.3 39.8



#23
Bromochloromethane
Concen: 16.092 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

Tgt Ion:128 Resp: 104165
Ion Ratio Lower Upper
128 100
49 157.5 123.7 229.7
130 123.0 90.3 167.7
51 51.1 46.1 69.1

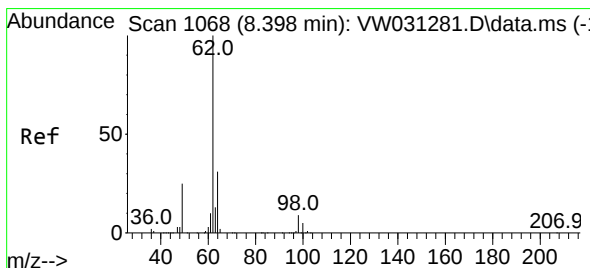
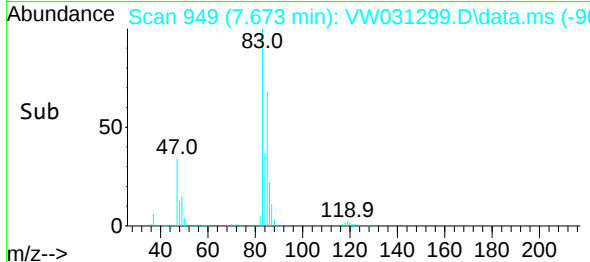
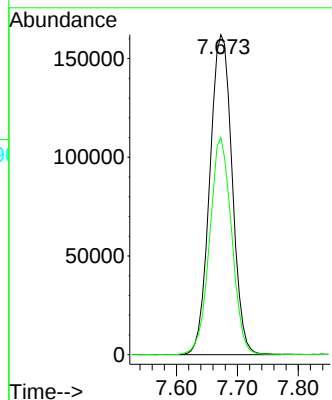
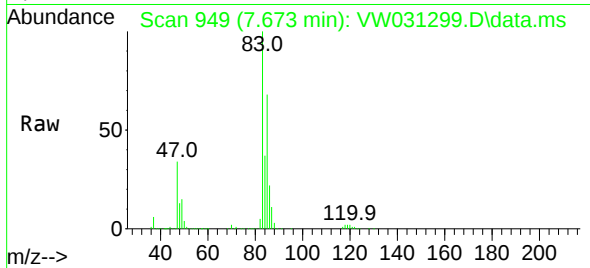




#25
Chloroform
Concen: 14.945 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

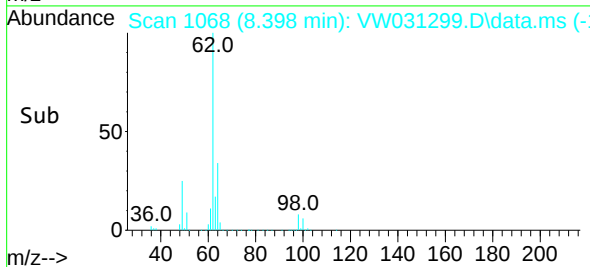
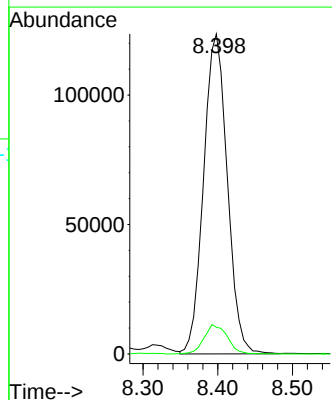
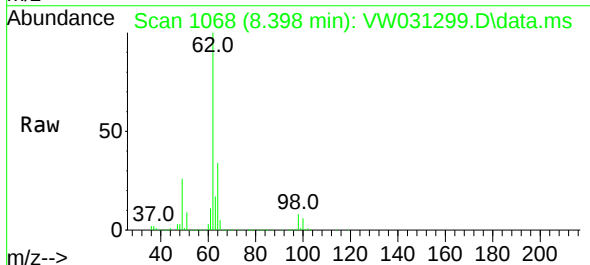
Instrument :
MSVOA_W
ClientSampleId :

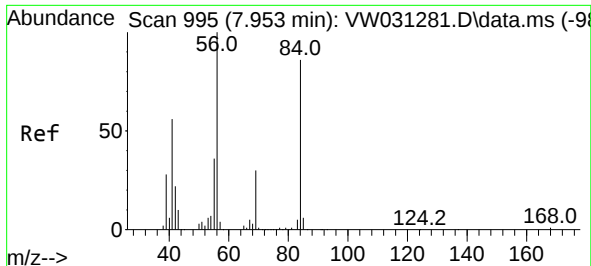
Tgt Ion: 83 Resp: 413502
Ion Ratio Lower Upper
83 100
85 67.9 46.1 85.5



#27
1,2-Dichloroethane
Concen: 15.648 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

Tgt Ion: 62 Resp: 272177
Ion Ratio Lower Upper
62 100
98 8.4 7.2 10.8





#29

Cyclohexane

Concen: 13.137 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

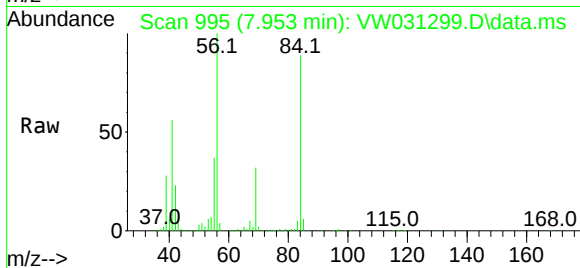
Lab File: VW031299.D

Acq: 17 Dec 2024 03:25

Instrument :

MSVOA_W

ClientSampleId :



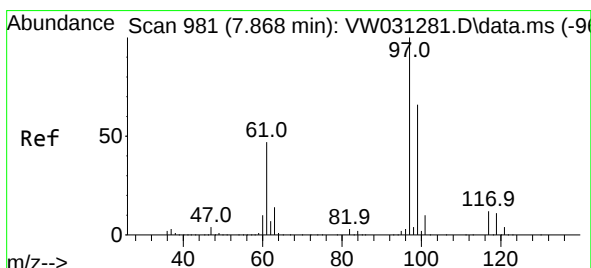
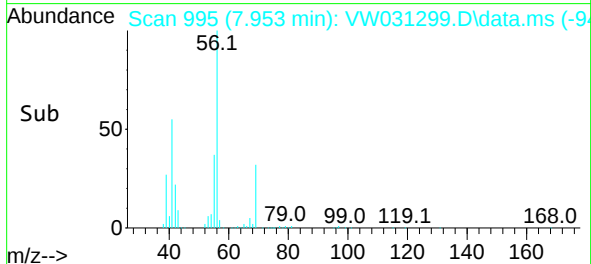
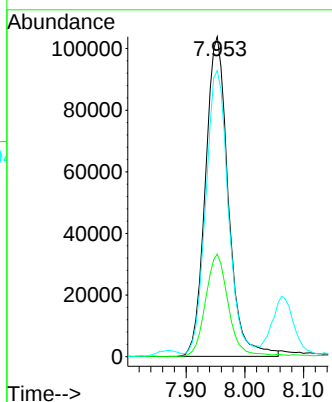
Tgt Ion: 56 Resp: 280807

Ion Ratio Lower Upper

56 100

69 31.9 25.0 37.4

84 88.7 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 15.905 ug/L

RT: 7.862 min Scan# 980

Delta R.T. -0.006 min

Lab File: VW031299.D

Acq: 17 Dec 2024 03:25

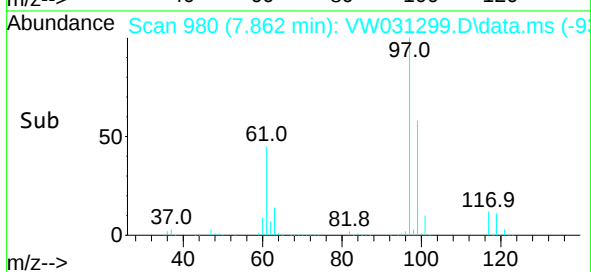
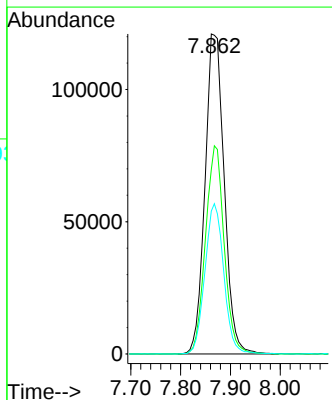
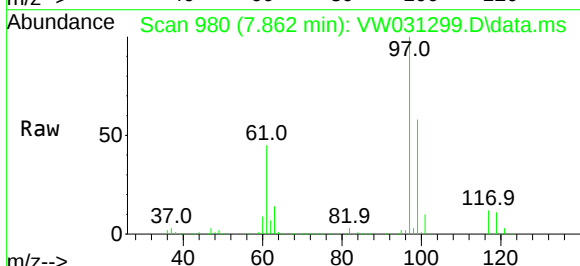
Tgt Ion: 97 Resp: 324023

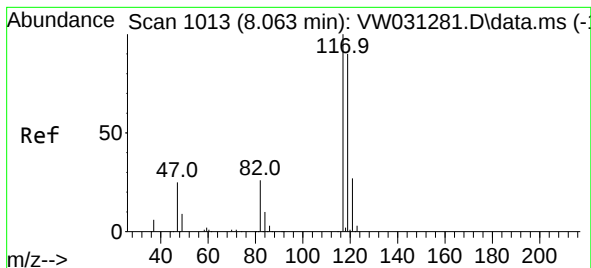
Ion Ratio Lower Upper

97 100

99 63.3 51.1 76.7

61 46.2 36.3 54.5





#31

Carbon tetrachloride

Concen: 14.873 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.000 min

Lab File: VW031299.D

Acq: 17 Dec 2024 03:25

Instrument :

MSVOA_W

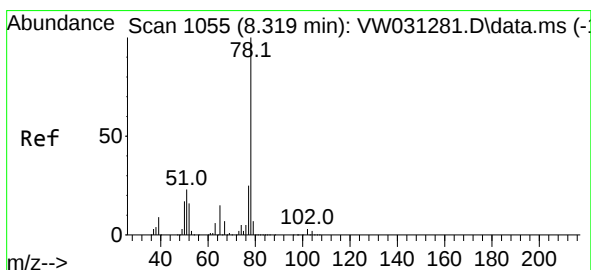
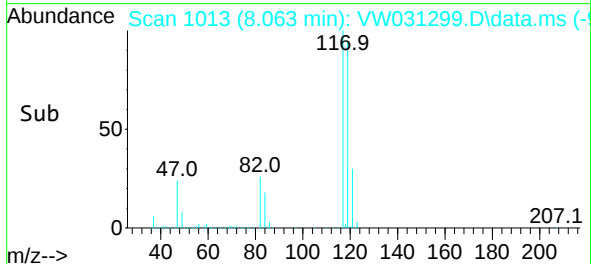
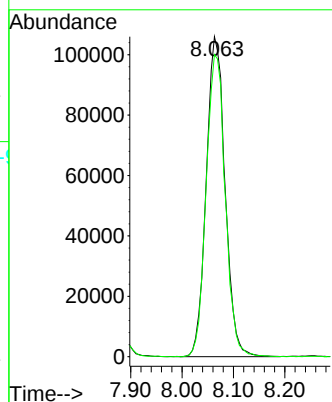
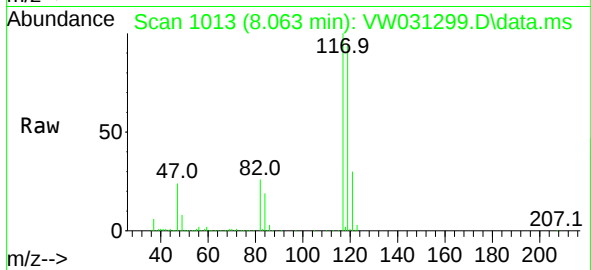
ClientSampleId :

Tgt Ion:117 Resp: 269953

Ion Ratio Lower Upper

117 100

119 95.8 76.0 114.0



#33

Benzene

Concen: 17.179 ug/L

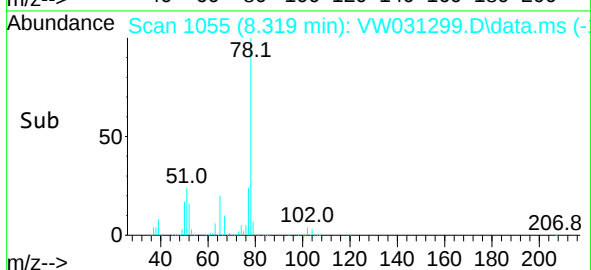
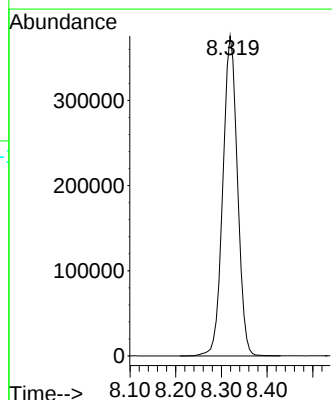
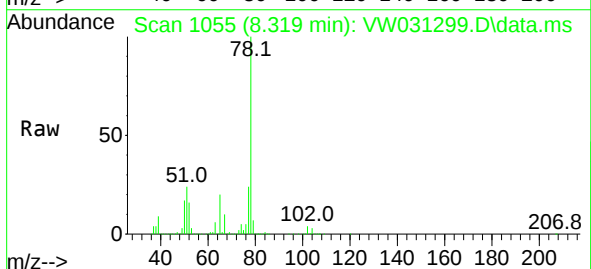
RT: 8.319 min Scan# 1055

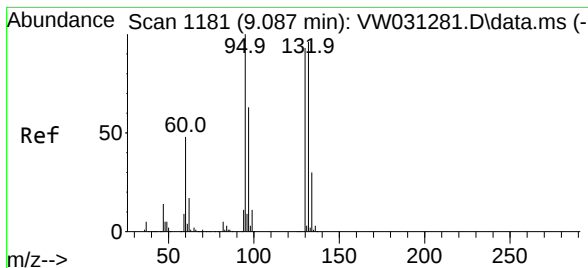
Delta R.T. -0.000 min

Lab File: VW031299.D

Acq: 17 Dec 2024 03:25

Tgt Ion: 78 Resp: 836783





#34

Trichloroethene

Concen: 14.688 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

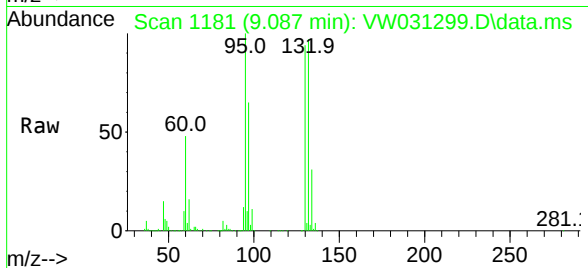
Lab File: VW031299.D

Acq: 17 Dec 2024 03:25

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 201984

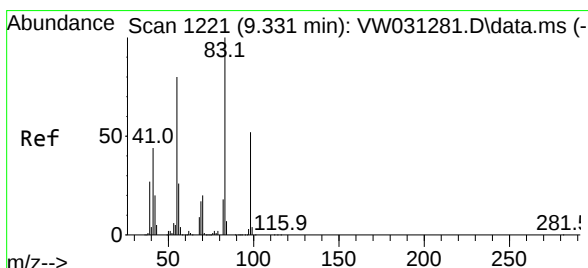
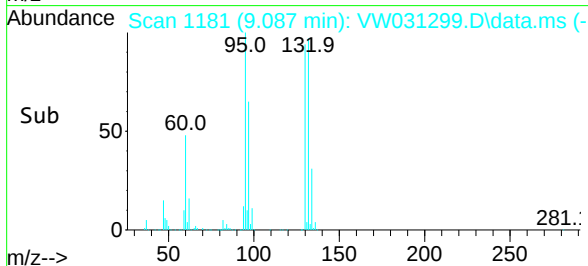
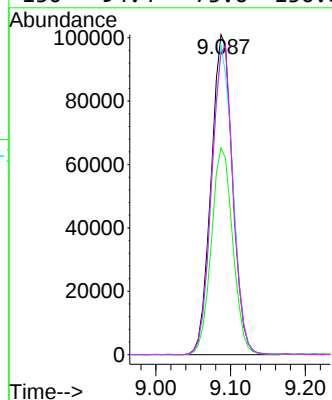
Ion Ratio Lower Upper

95 100

97 64.6 46.5 86.3

132 96.6 70.3 130.5

130 94.4 73.6 136.8



#35

Methylcyclohexane

Concen: 10.344 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW031299.D

Acq: 17 Dec 2024 03:25

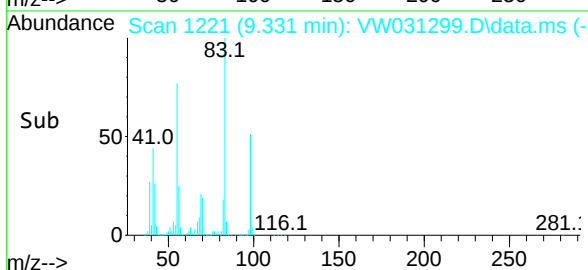
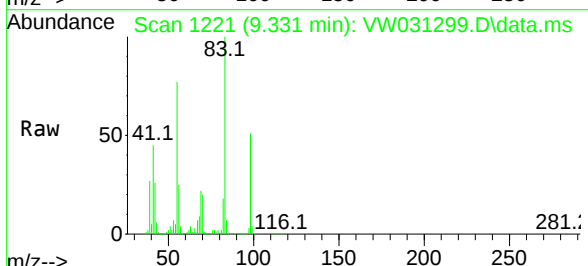
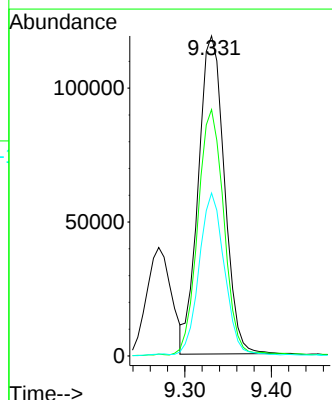
Tgt Ion: 83 Resp: 247711

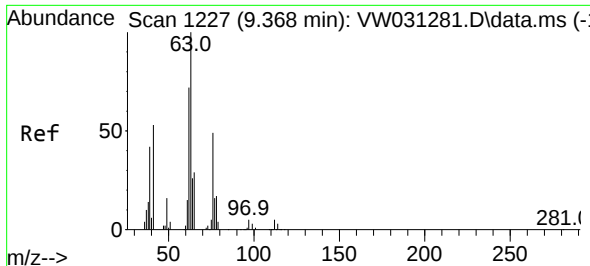
Ion Ratio Lower Upper

83 100

55 76.5 62.6 93.8

98 49.8 39.8 59.6





#37

1,2-Dichloropropane

Concen: 18.156 ug/L

RT: 9.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031299.D

Acq: 17 Dec 2024 03:25

Instrument :

MSVOA_W

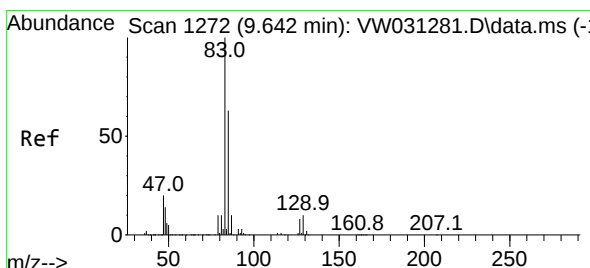
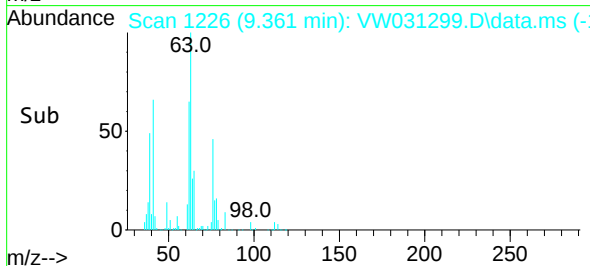
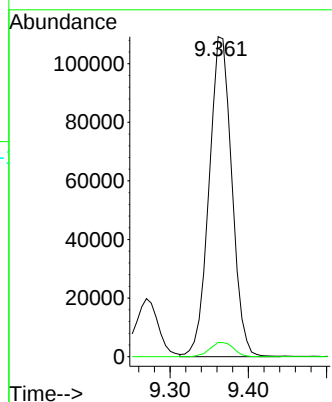
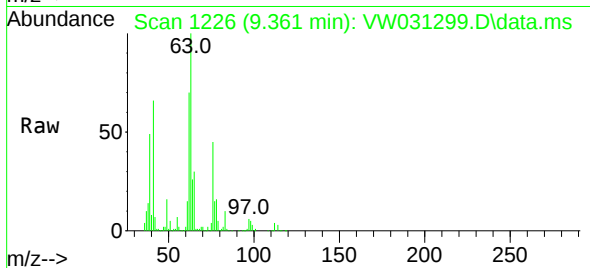
ClientSampleId :

Tgt Ion: 63 Resp: 220616

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.8



#38

Bromodichloromethane

Concen: 17.270 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031299.D

Acq: 17 Dec 2024 03:25

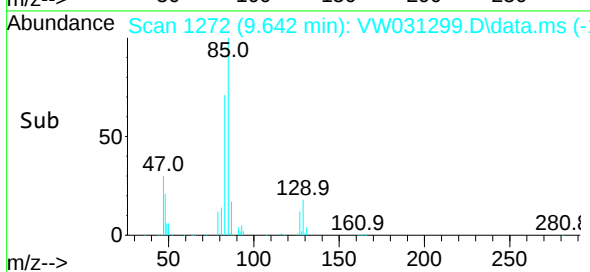
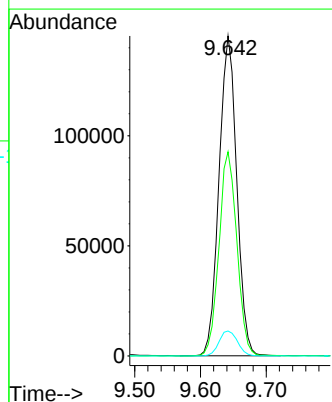
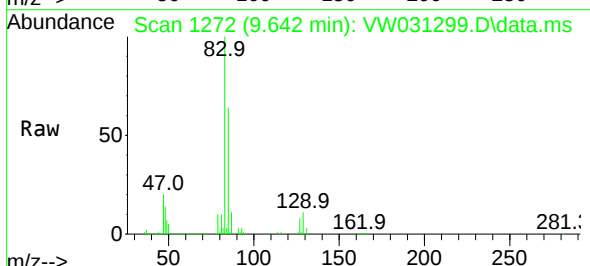
Tgt Ion: 83 Resp: 272817

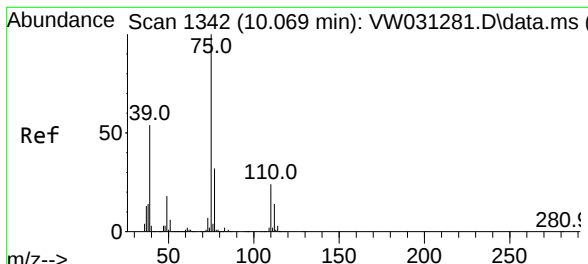
Ion Ratio Lower Upper

83 100

85 63.8 46.5 86.5

127 7.8 6.2 9.4



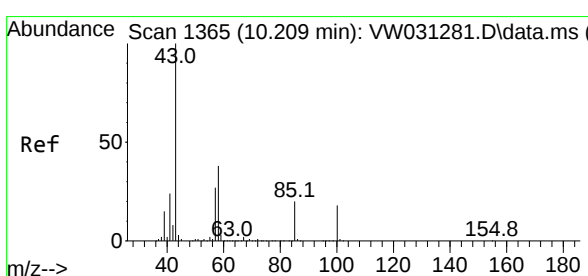
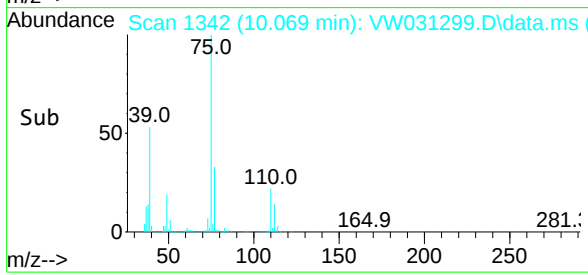
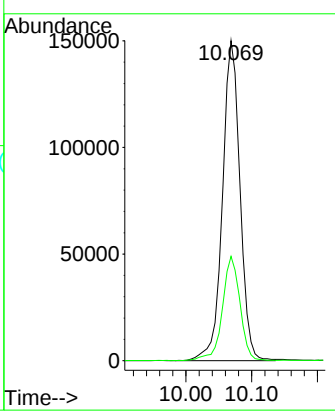
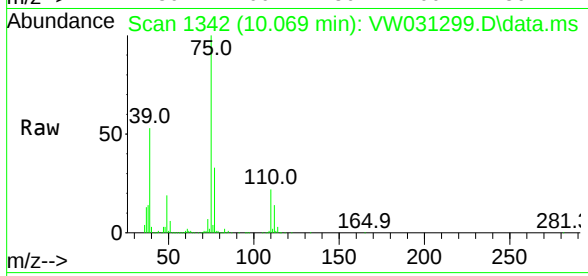


#39
 cis-1,3-Dichloropropene
 Concen: 13.583 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW031299.D
 Acq: 17 Dec 2024 03:25

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 75 Resp: 278894

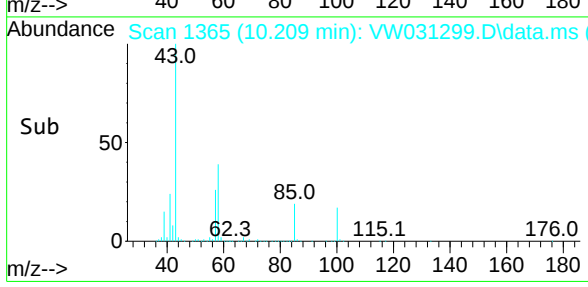
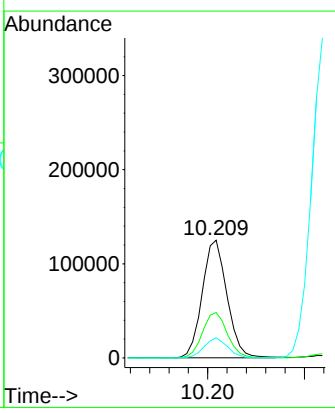
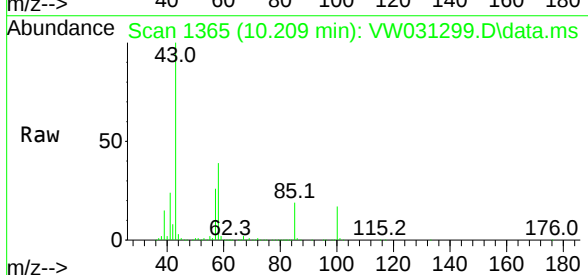
Ion	Ratio	Lower	Upper
75	100		
77	32.6	21.8	40.4

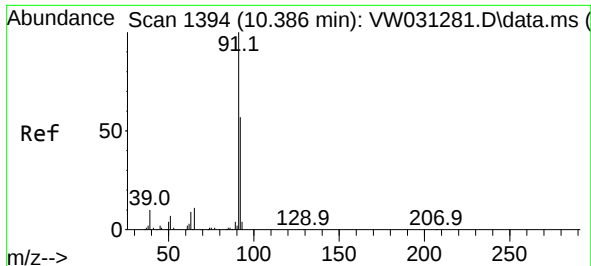


#40
 4-Methyl-2-pentanone
 Concen: 34.402 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW031299.D
 Acq: 17 Dec 2024 03:25

Tgt Ion: 43 Resp: 221781

Ion	Ratio	Lower	Upper
43	100		
58	39.2	31.1	46.7
100	16.4	13.0	19.6

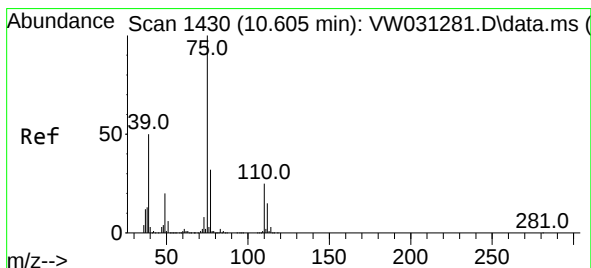
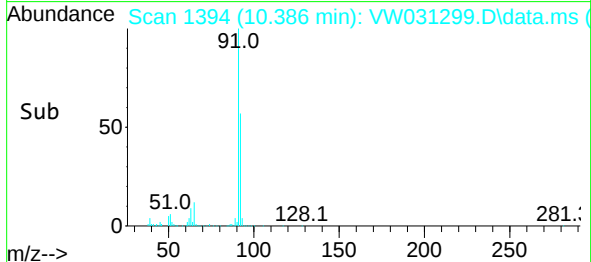
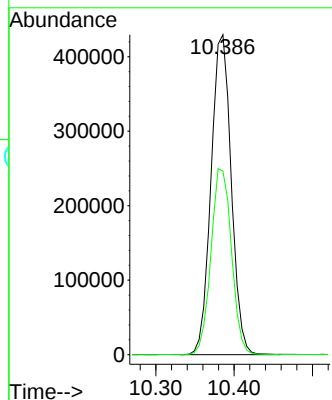
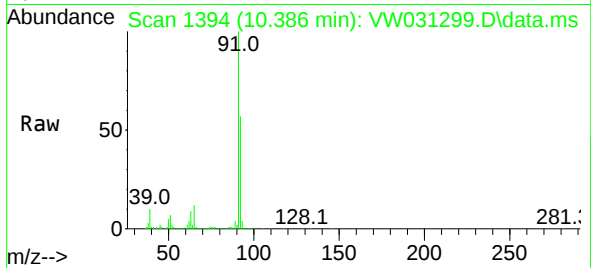




#42
Toluene
Concen: 14.479 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

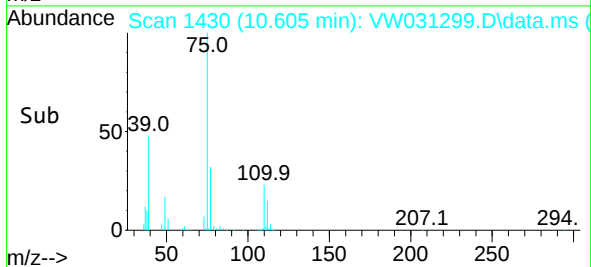
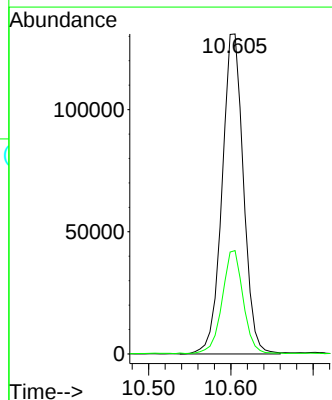
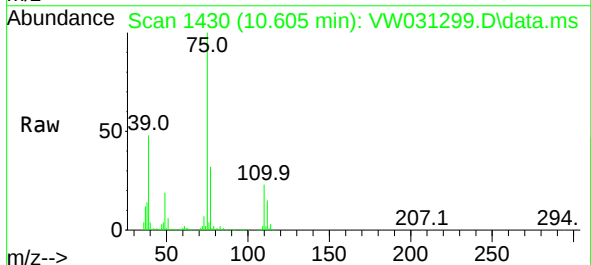
Instrument :
MSVOA_W
ClientSampleId :

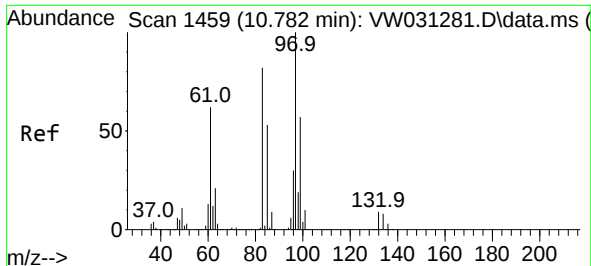
Tgt Ion: 91 Resp: 767824
Ion Ratio Lower Upper
91 100
92 57.4 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 14.117 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

Tgt Ion: 75 Resp: 236680
Ion Ratio Lower Upper
75 100
77 32.3 21.2 39.4

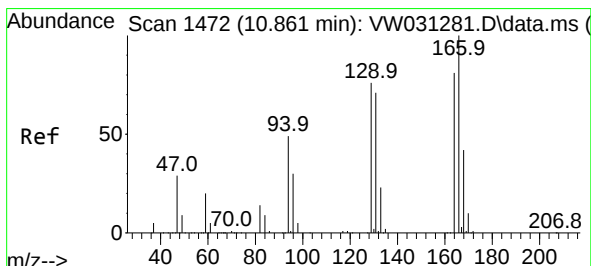
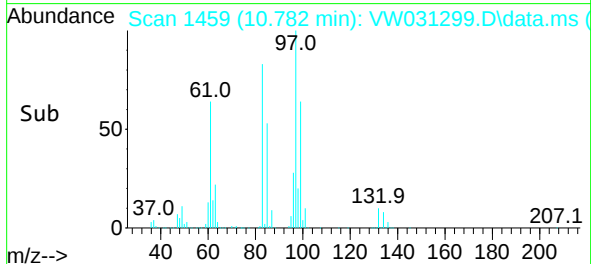
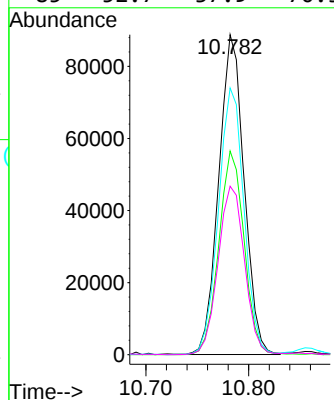
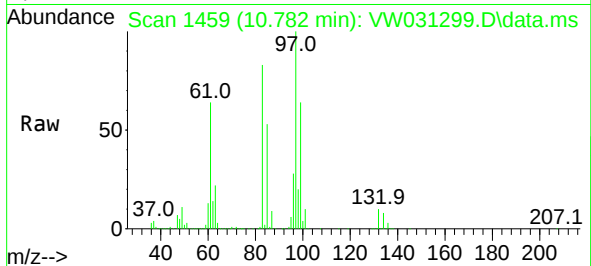




#45
1,1,2-Trichloroethane
Concen: 18.814 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

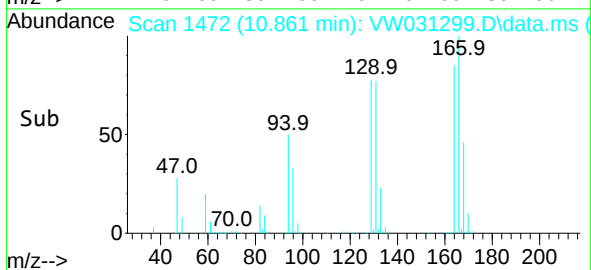
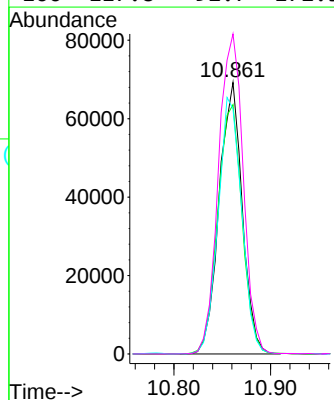
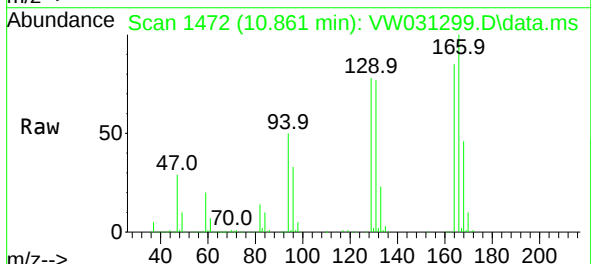
Instrument :
MSVOA_W
ClientSampleId :

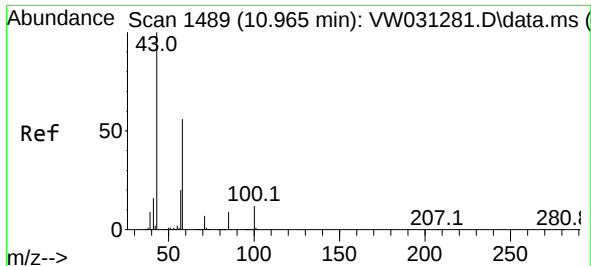
Tgt Ion: 97 Resp: 152060
Ion Ratio Lower Upper
97 100
99 63.6 43.0 80.0
83 83.4 56.4 104.7
85 52.7 37.9 70.3



#46
Tetrachloroethene
Concen: 11.400 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

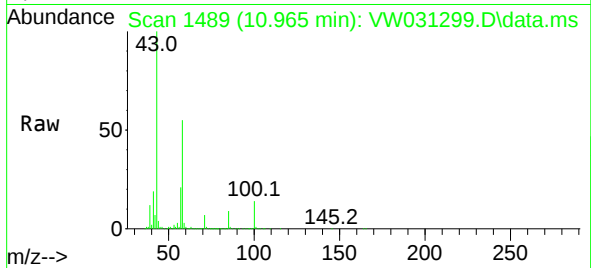
Tgt Ion: 164 Resp: 114833
Ion Ratio Lower Upper
164 100
129 91.8 73.5 136.5
131 90.3 66.6 123.8
166 117.8 92.7 172.3



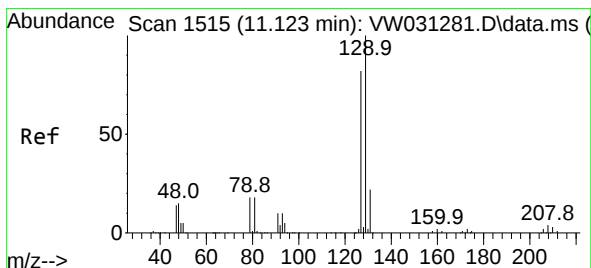
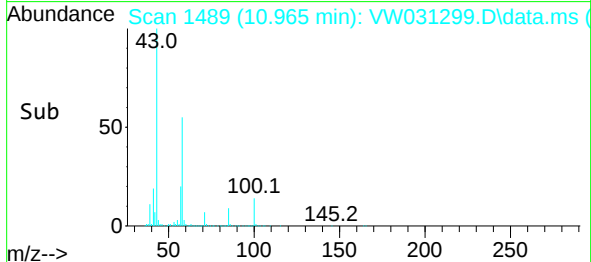
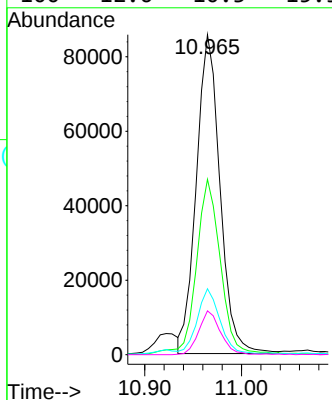


#48
2-Hexanone
Concen: 26.618 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

Instrument :
MSVOA_W
ClientSampleId :

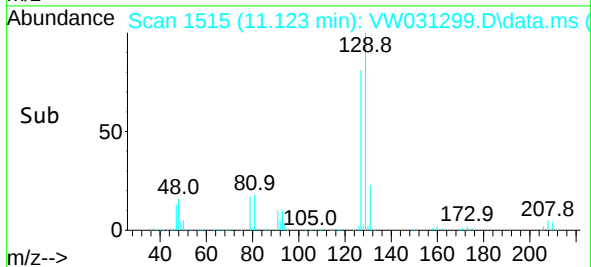
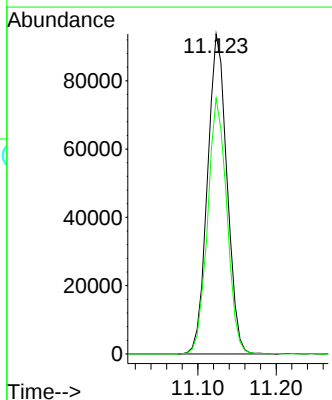
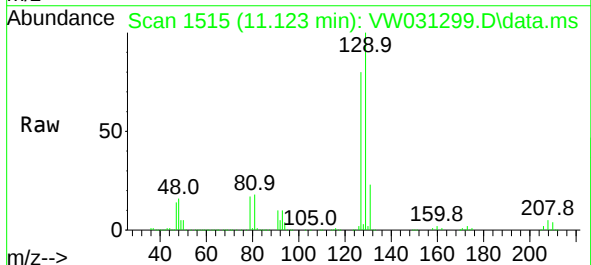


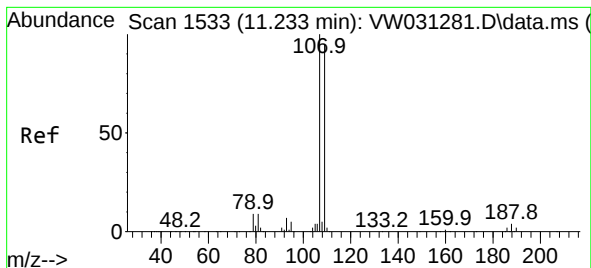
Tgt Ion: 43 Resp: 145941
Ion Ratio Lower Upper
43 100
58 53.6 43.0 64.6
57 19.5 15.7 23.5
100 12.6 10.3 15.5



#49
Dibromochloromethane
Concen: 16.886 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

Tgt Ion: 129 Resp: 161773
Ion Ratio Lower Upper
129 100
127 79.9 57.6 107.0

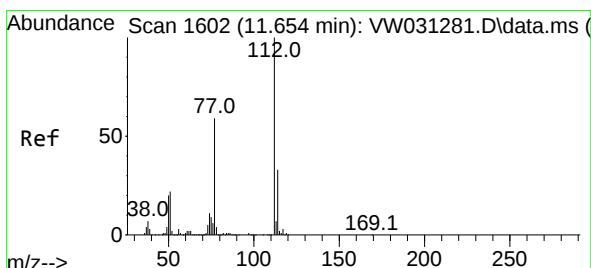
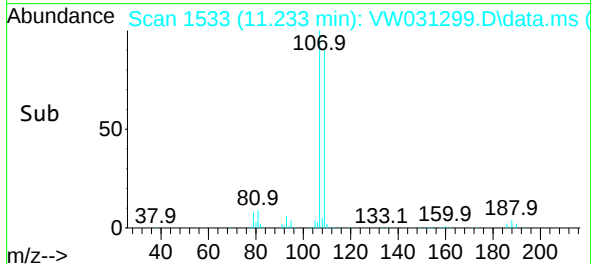
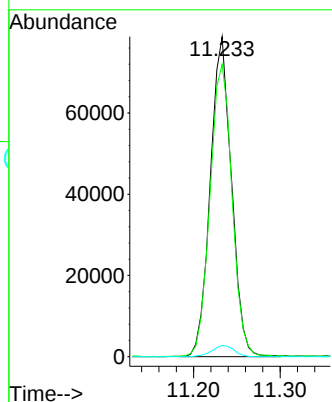
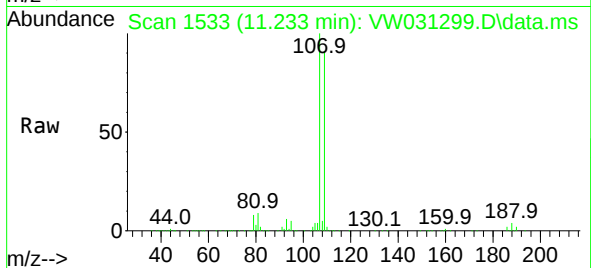




#50
1,2-Dibromoethane
Concen: 17.481 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

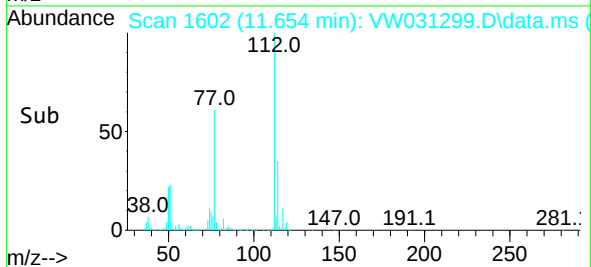
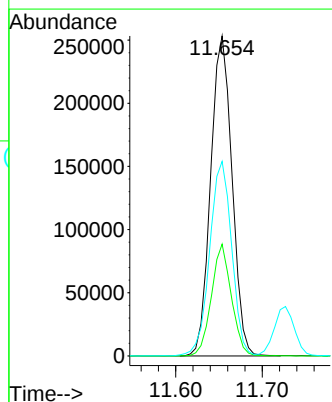
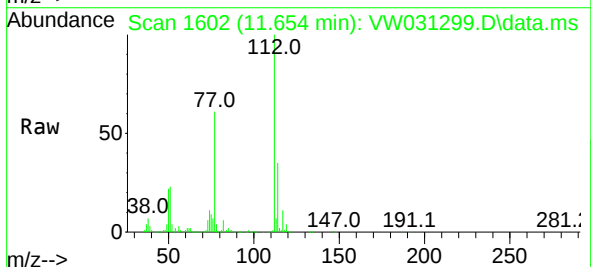
Instrument :
MSVOA_W
ClientSampleId :

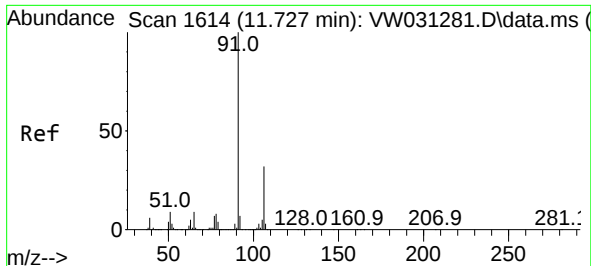
Tgt Ion:107 Resp: 133842
Ion Ratio Lower Upper
107 100
109 91.3 63.2 117.4
188 3.6 2.6 4.0



#51
Chlorobenzene
Concen: 13.068 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

Tgt Ion:112 Resp: 434509
Ion Ratio Lower Upper
112 100
114 35.0 22.7 42.3
77 60.8 50.2 75.4

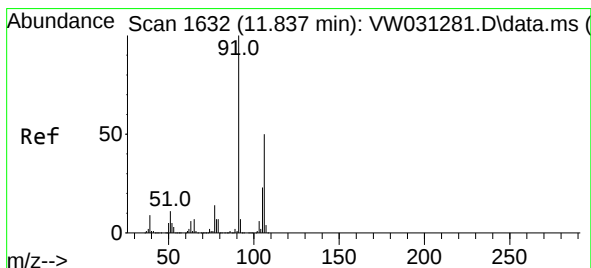
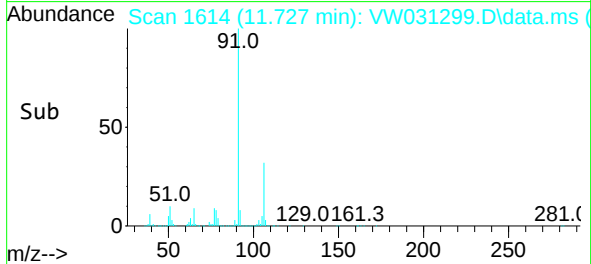
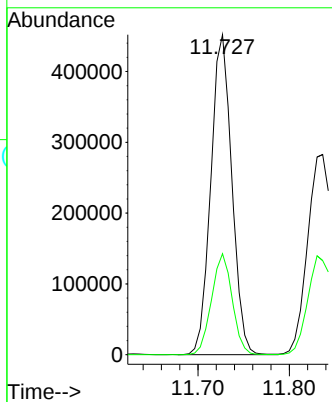
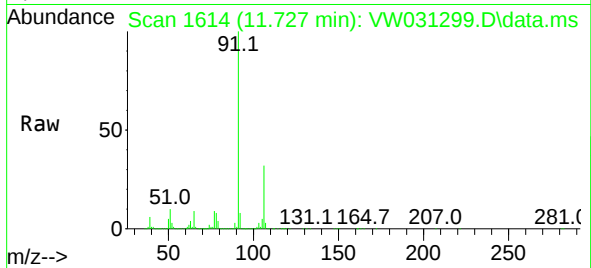




#52
Ethylbenzene
Concen: 11.734 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

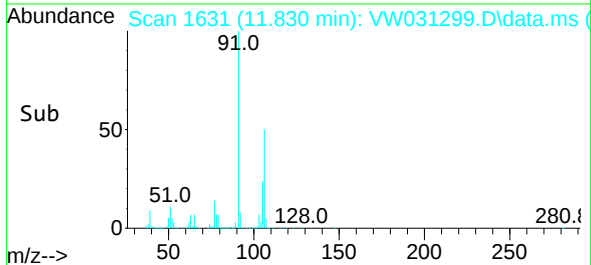
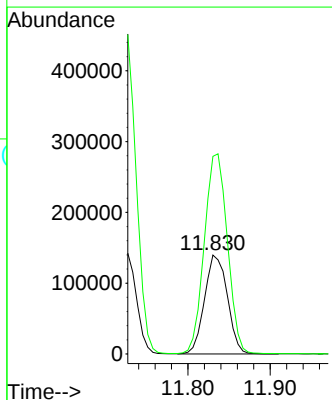
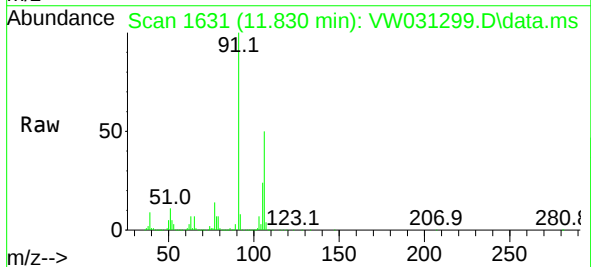
Instrument :
MSVOA_W
ClientSampleId :

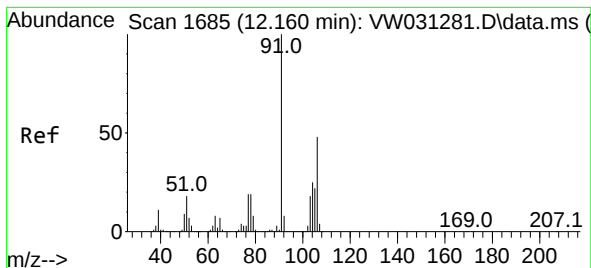
Tgt Ion: 91 Resp: 721183
Ion Ratio Lower Upper
91 100
106 31.5 20.7 38.5



#53
m,p-Xylene
Concen: 11.497 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

Tgt Ion: 106 Resp: 269011
Ion Ratio Lower Upper
106 100
91 199.9 139.9 259.7

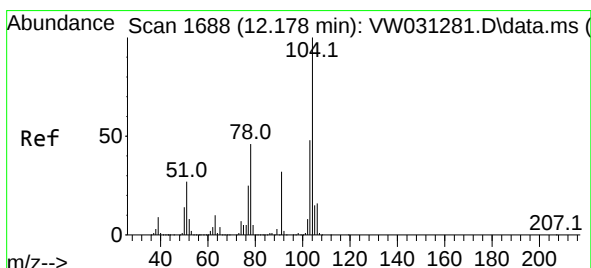
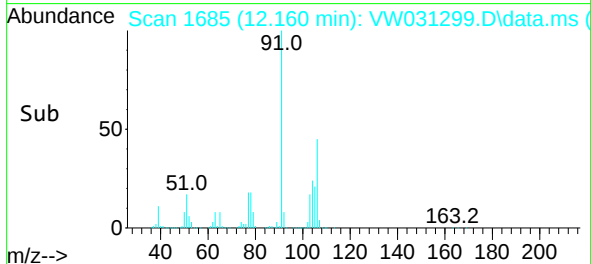
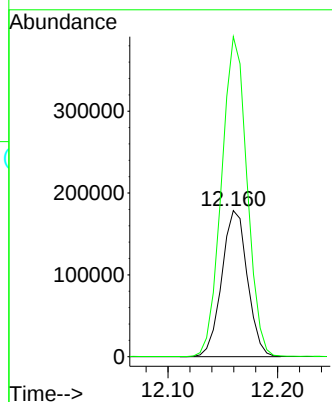
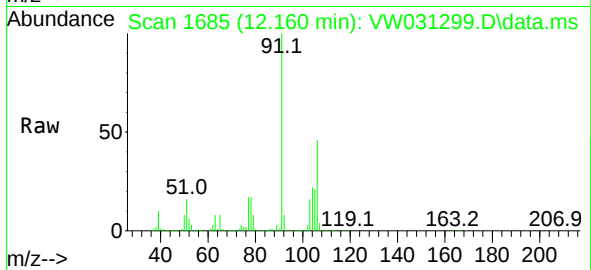




#54
o-Xylene
Concen: 13.112 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

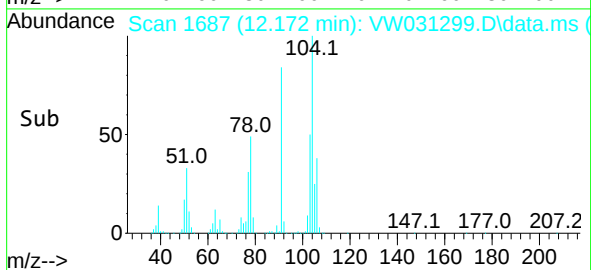
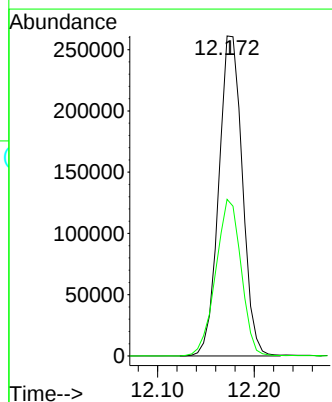
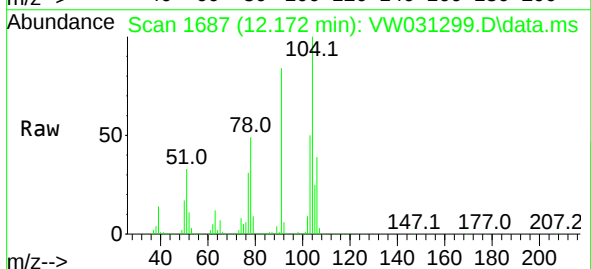
Instrument :
MSVOA_W
ClientSampleId :

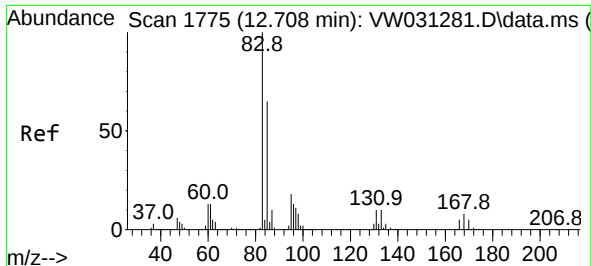
Tgt Ion:106 Resp: 289137
Ion Ratio Lower Upper
106 100
91 219.1 153.1 284.3



#55
Styrene
Concen: 12.035 ug/L
RT: 12.172 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

Tgt Ion:104 Resp: 441449
Ion Ratio Lower Upper
104 100
78 48.9 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 18.133 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

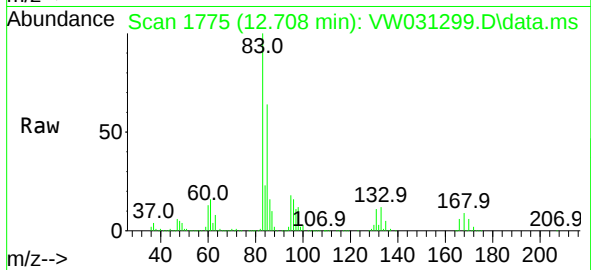
Lab File: VW031299.D

Acq: 17 Dec 2024 03:25

Instrument :

MSVOA_W

ClientSampleId :



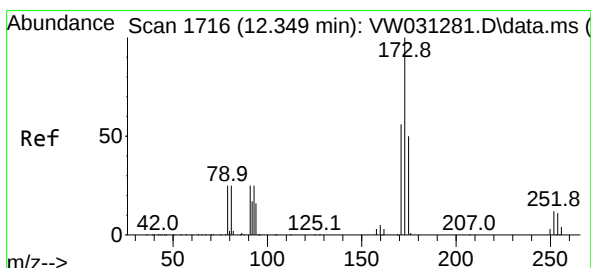
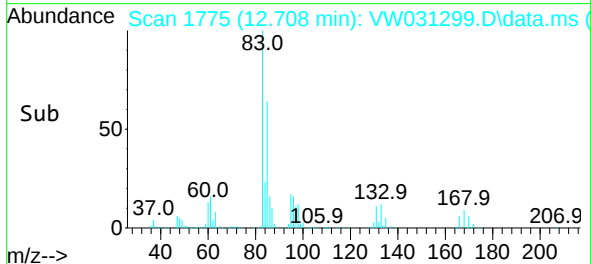
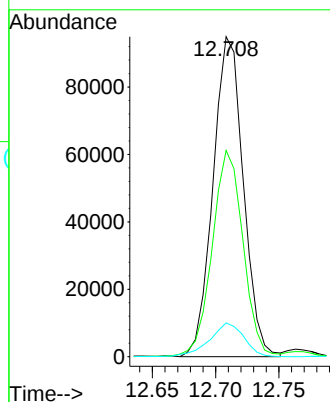
Tgt Ion: 83 Resp: 157984

Ion Ratio Lower Upper

83 100

85 64.5 44.1 81.9

131 10.5 7.9 11.9



#59

Bromoform

Concen: 21.332 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW031299.D

Acq: 17 Dec 2024 03:25

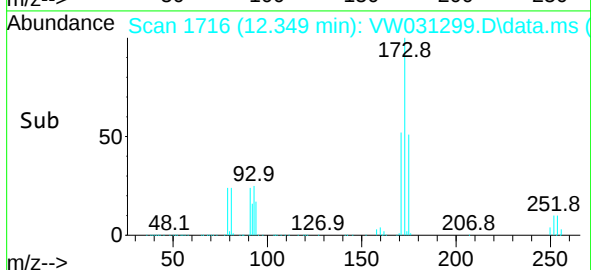
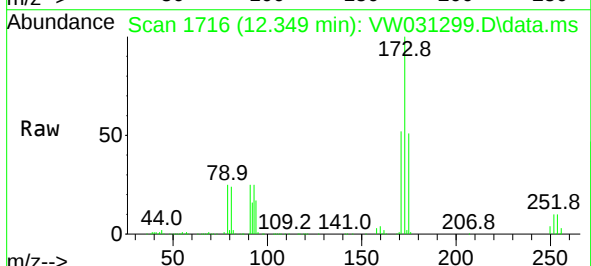
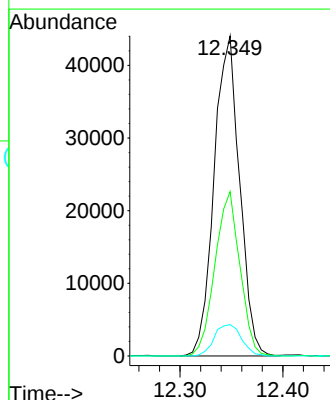
Tgt Ion: 173 Resp: 75832

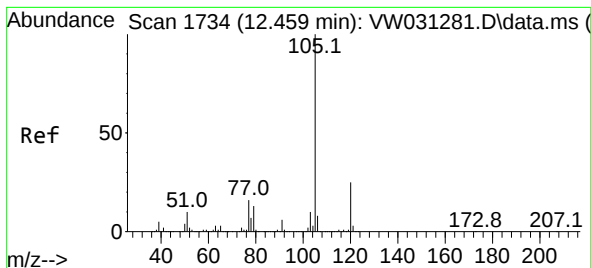
Ion Ratio Lower Upper

173 100

175 50.2 38.6 57.8

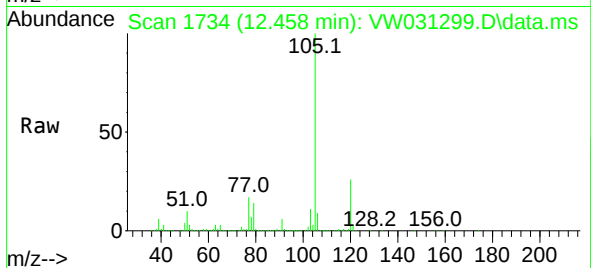
254 10.5 7.6 11.4



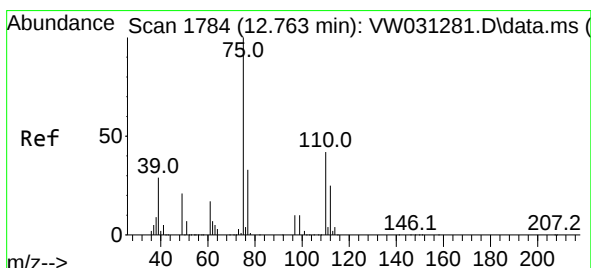
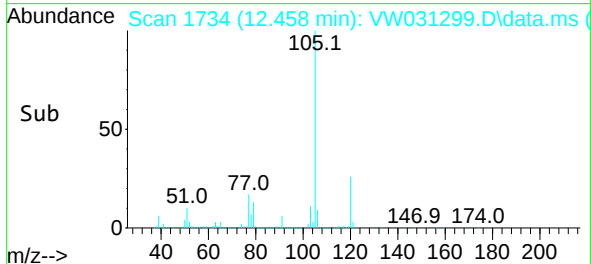
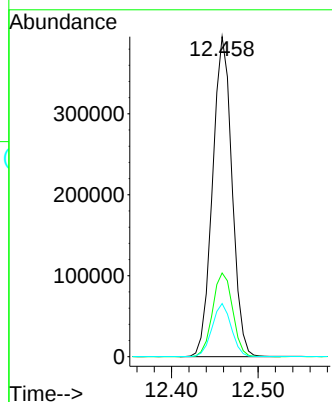


#60
Isopropylbenzene
Concen: 14.890 ug/L
RT: 12.458 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

Instrument :
MSVOA_W
ClientSampleId :

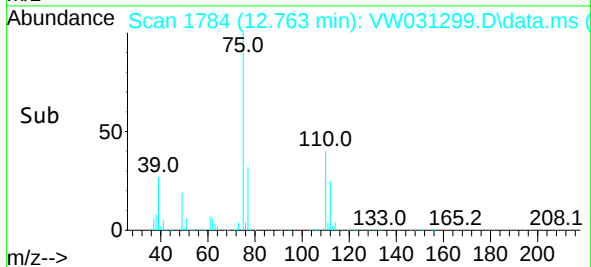
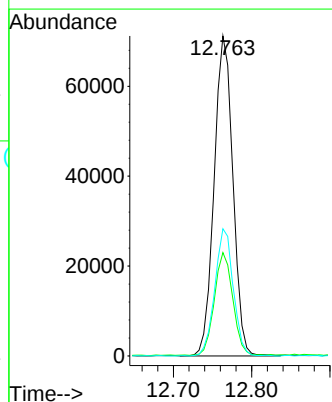
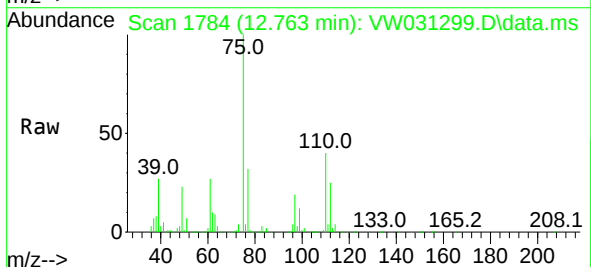


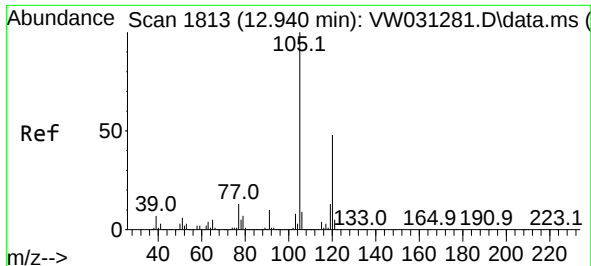
Tgt Ion:105 Resp: 616584
Ion Ratio Lower Upper
105 100
120 27.0 20.6 31.0
77 16.3 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 27.418 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

Tgt Ion: 75 Resp: 118723
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9
110 39.0 31.2 46.8

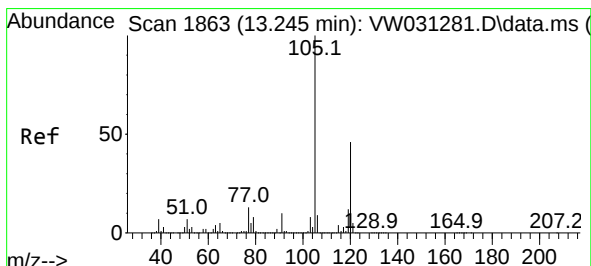
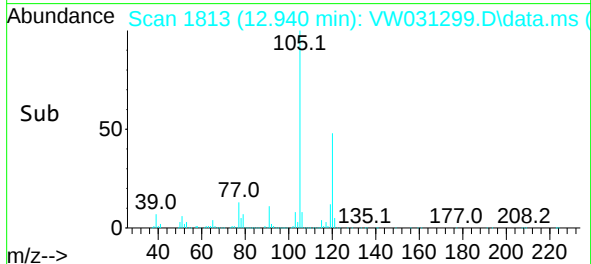
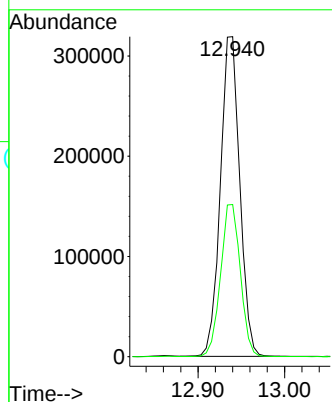
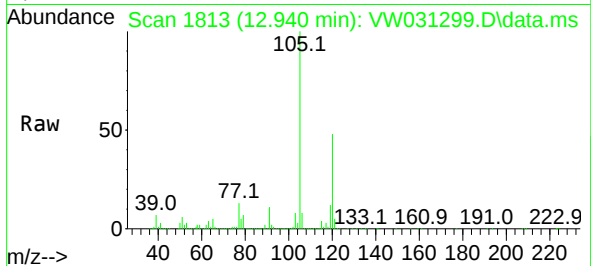




#62
1,3,5-Trimethylbenzene
Concen: 14.150 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

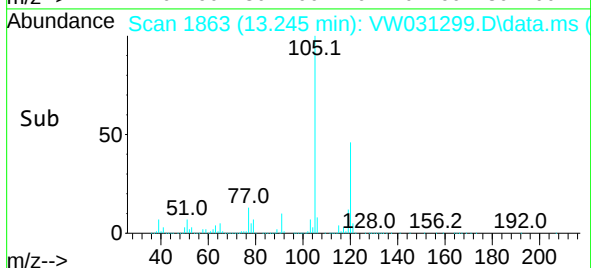
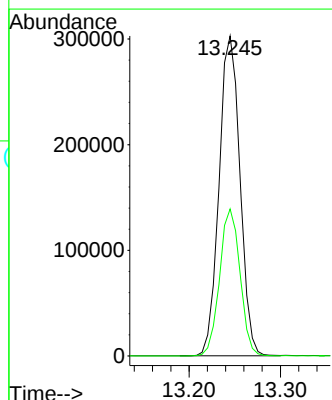
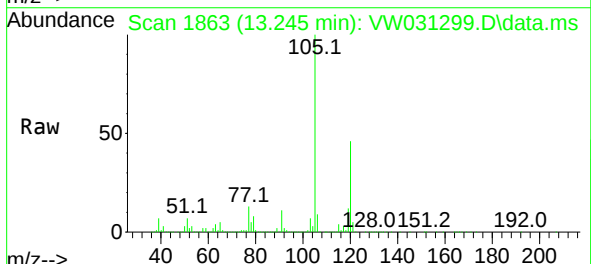
Instrument :
MSVOA_W
ClientSampleId :

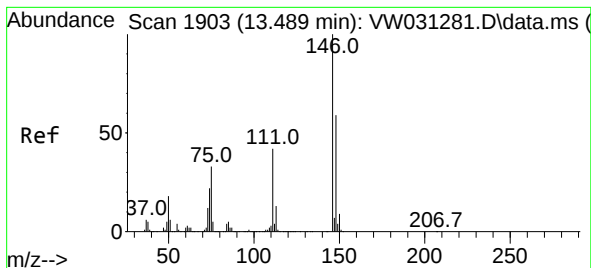
Tgt Ion:105 Resp: 496764
Ion Ratio Lower Upper
105 100
120 48.6 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 14.201 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031299.D
Acq: 17 Dec 2024 03:25

Tgt Ion:105 Resp: 481888
Ion Ratio Lower Upper
105 100
120 44.9 35.0 52.4





#64

1,3-Dichlorobenzene

Concen: 12.362 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VW031299.D

Acq: 17 Dec 2024 03:25

Instrument :

MSVOA_W

ClientSampleId :

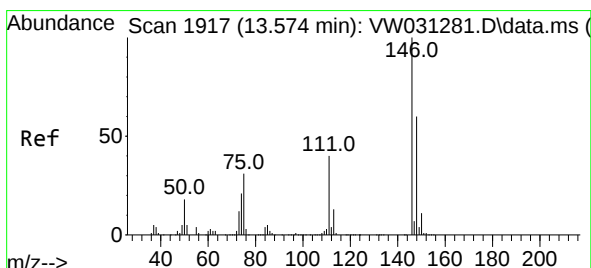
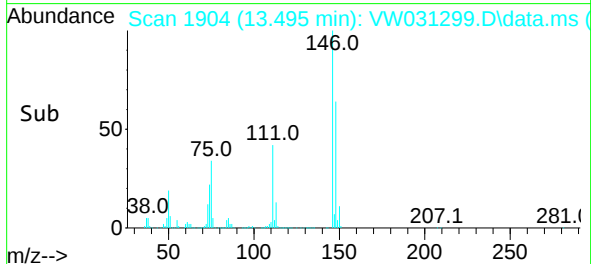
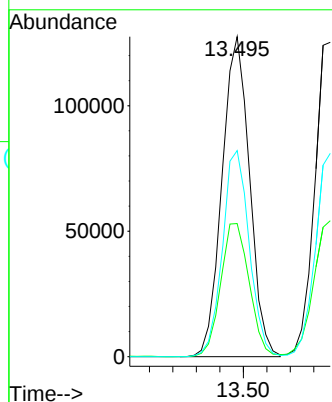
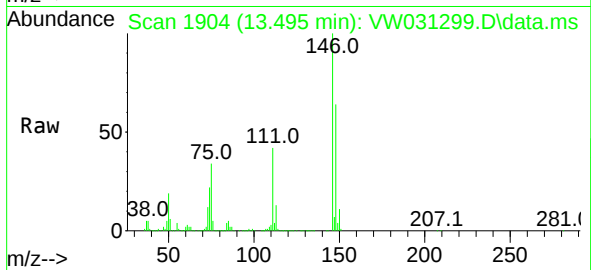
Tgt Ion:146 Resp: 207408

Ion Ratio Lower Upper

146 100

111 41.6 27.6 51.2

148 64.4 41.0 76.2



#65

1,4-Dichlorobenzene

Concen: 12.701 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW031299.D

Acq: 17 Dec 2024 03:25

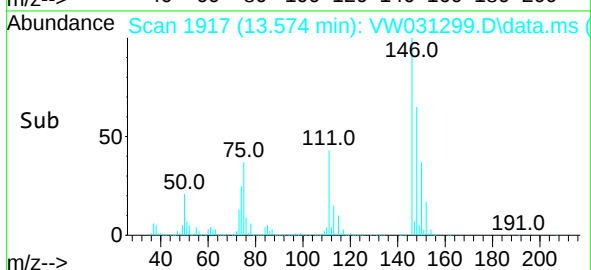
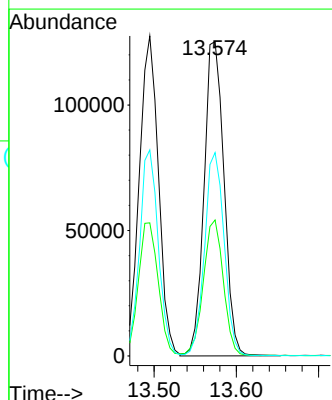
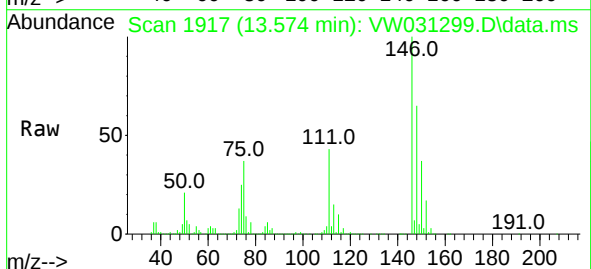
Tgt Ion:146 Resp: 211130

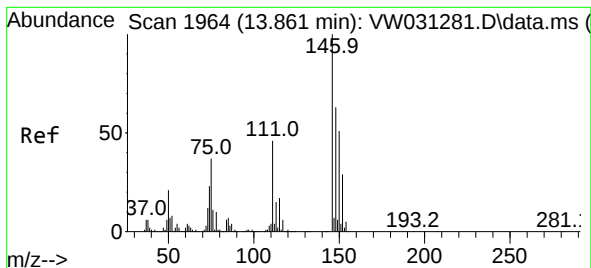
Ion Ratio Lower Upper

146 100

111 43.3 30.7 56.9

148 64.7 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 14.641 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VW031299.D

Acq: 17 Dec 2024 03:25

Instrument :

MSVOA_W

ClientSampleId :

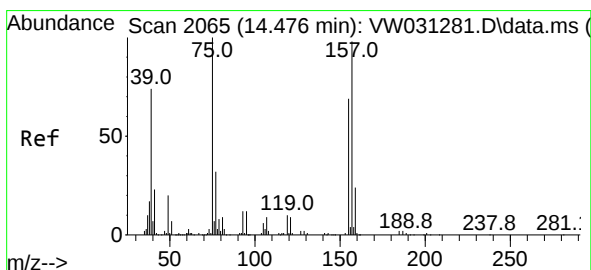
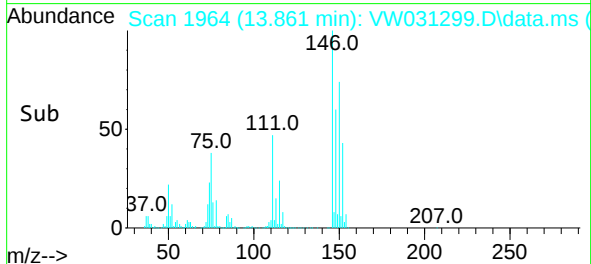
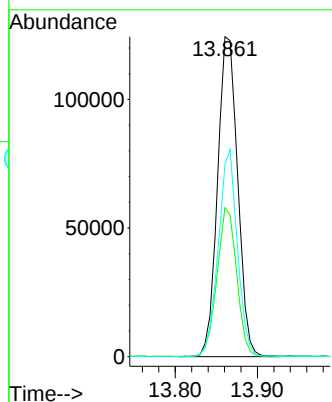
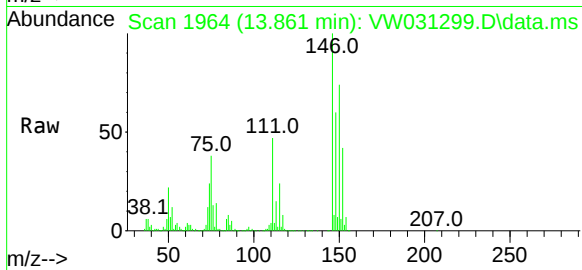
Tgt Ion:146 Resp: 211654

Ion Ratio Lower Upper

146 100

111 46.5 38.6 58.0

148 60.1 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 22.909 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW031299.D

Acq: 17 Dec 2024 03:25

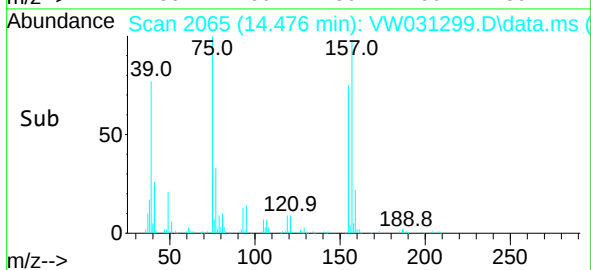
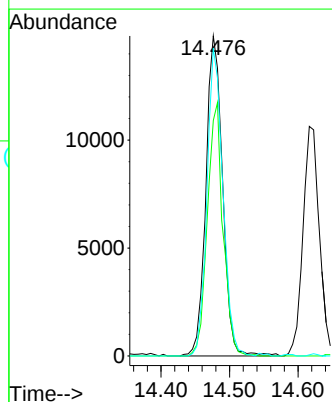
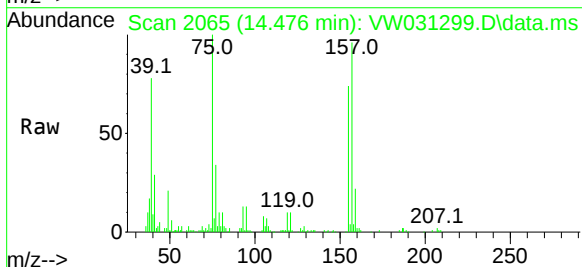
Tgt Ion: 75 Resp: 25173

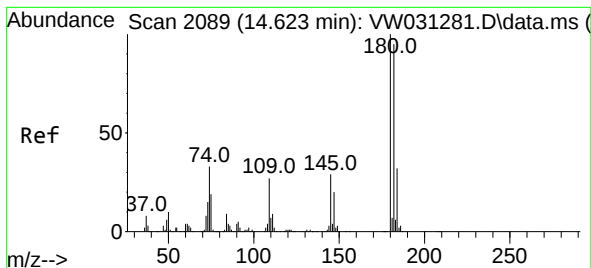
Ion Ratio Lower Upper

75 100

155 73.6 56.6 85.0

157 96.2 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 7.556 ug/L

RT: 14.617 min Scan# 2088

Delta R.T. -0.006 min

Lab File: VW031299.D

Acq: 17 Dec 2024 03:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 88784

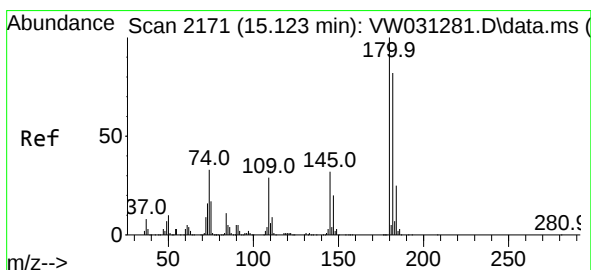
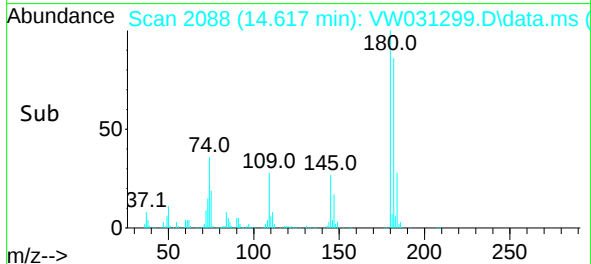
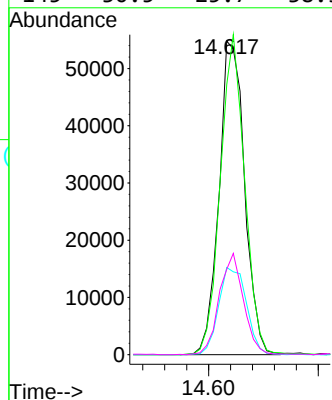
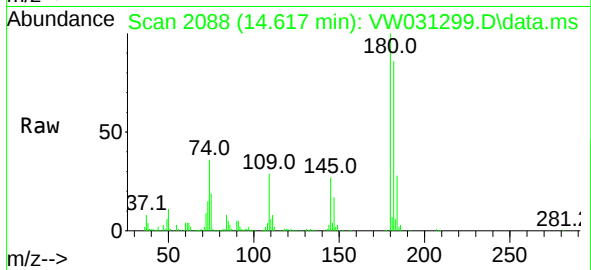
Ion Ratio Lower Upper

180 100

182 97.0 75.0 112.4

184 30.1 24.6 36.8

145 30.5 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 6.780 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW031299.D

Acq: 17 Dec 2024 03:25

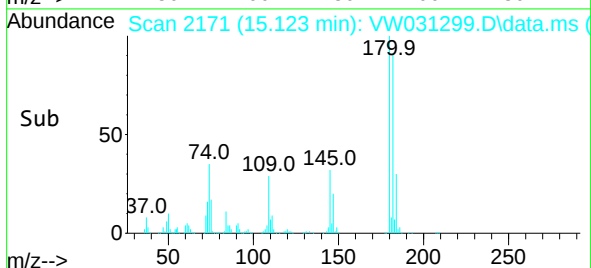
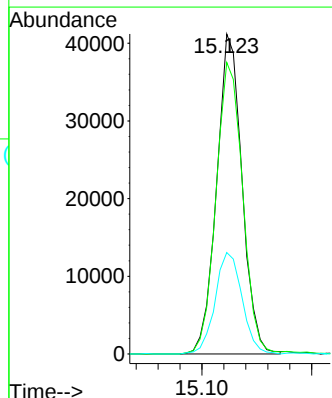
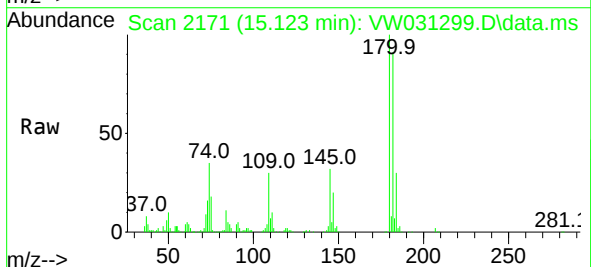
Tgt Ion:180 Resp: 66275

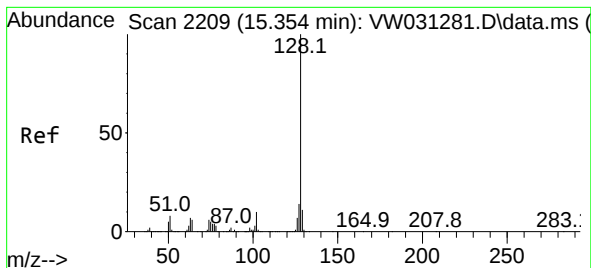
Ion Ratio Lower Upper

180 100

182 95.5 78.2 117.2

145 33.6 26.7 40.1





#71

Naphthalene

Concen: 14.955 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VW031299.D

Acq: 17 Dec 2024 03:25

Instrument :

MSVOA_W

ClientSampleId :

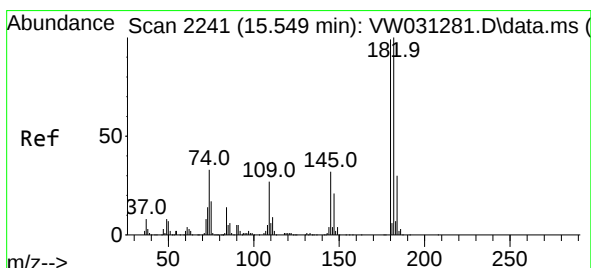
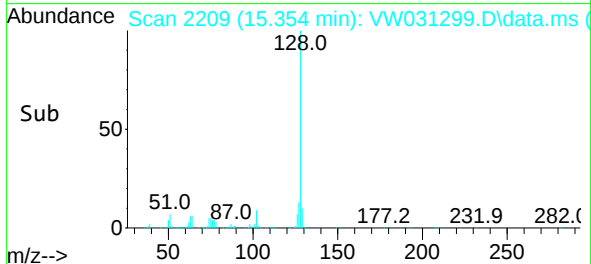
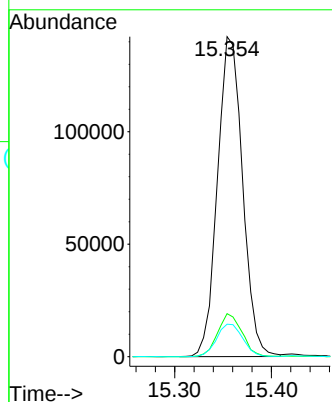
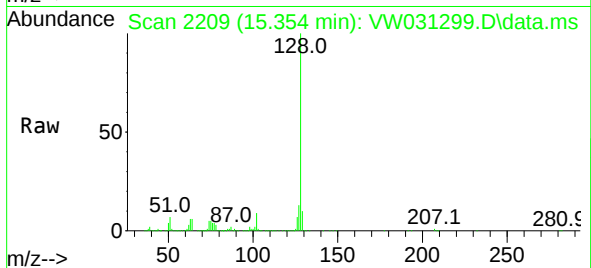
Tgt Ion:128 Resp: 256275

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.6 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 8.082 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW031299.D

Acq: 17 Dec 2024 03:25

Tgt Ion:180 Resp: 63648

Ion Ratio Lower Upper

180 100

182 91.9 75.0 112.4

145 32.8 27.8 41.6

