

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031628.D
 Acq On : 28 Jan 2025 19:06
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 29 07:35:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 28 00:17:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	548206	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	501753	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	242304	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	146112	16.985	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.960%
7) Chloroethane-d5	2.899	69	121513	19.780	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.120%
11) 1,1-Dichloroethene-d2	4.015	65	76736	20.049	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.200%
21) 2-Butanone-d5	7.087	46	97321	70.378	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.760%#
24) Chloroform-d	7.648	84	372191	26.233	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.920%
26) 1,2-Dichloroethane-d4	8.301	65	195284	27.965	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.880%
32) Benzene-d6	8.270	84	744956	23.636	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.560%
36) 1,2-Dichloropropane-d6	9.270	67	233996	25.146	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.600%
41) Toluene-d8	10.319	98	682904	24.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	10.575	79	96226	25.181	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.720%
47) 2-Hexanone-d5	10.922	63	67183	70.746	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.500%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	181207	31.843	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.360%#
66) 1,2-Dichlorobenzene-d4	13.848	152	222270	26.154	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	110835	15.544	ug/L	95
3) Chloromethane	2.222	50	140914	19.068	ug/L	98
5) Vinyl chloride	2.375	62	161967	17.182	ug/L	99
6) Bromomethane	2.789	94	100353	18.214	ug/L	97
8) Chloroethane	2.936	64	102733	18.540	ug/L	99
9) Trichlorofluoromethane	3.259	101	139537	14.900	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	133164	18.571	ug/L	100
12) 1,1-Dichloroethene	4.039	96	139348	19.102	ug/L	86
14) Carbon disulfide	4.387	76	420847	17.127	ug/L	99
15) Methyl Acetate	4.679	43	76396	27.400	ug/L #	74
16) Methylene chloride	4.923	84	160972	21.560	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	163947	20.925	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	303130	24.128	ug/L	99
19) 1,1-Dichloroethane	6.216	63	325262	22.065	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	187406	22.402	ug/L	96
22) 2-Butanone	7.179	43	96362	53.015	ug/L	98
23) Bromochloromethane	7.514	128	77649	23.702	ug/L	96
25) Chloroform	7.673	83	321145	22.905	ug/L	98
27) 1,2-Dichloroethane	8.398	62	213282	24.698	ug/L	99

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 Response via : Initial Calibration

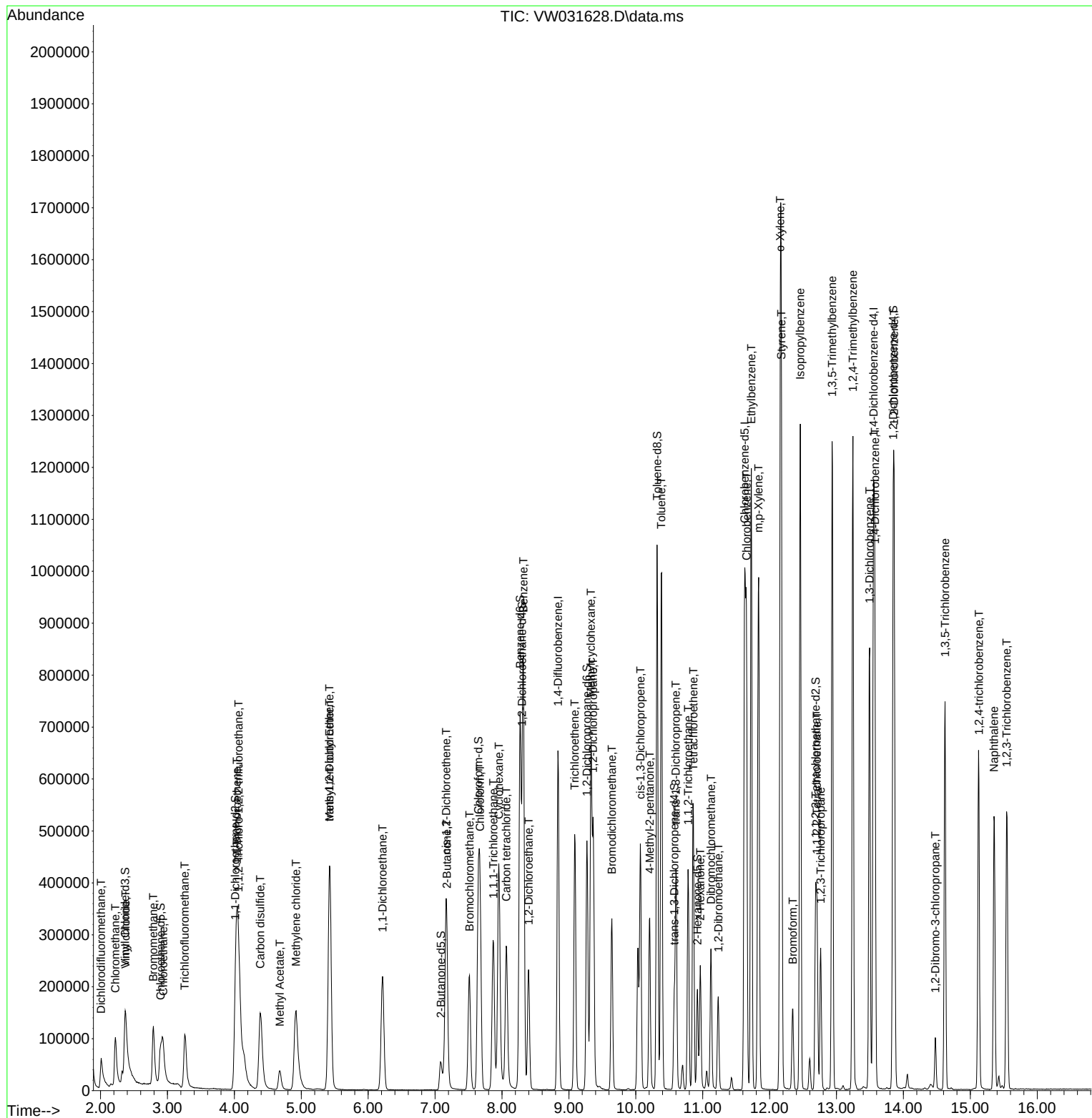
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	277533	17.258	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	248310	19.064	ug/L	98
31) Carbon tetrachloride	8.063	117	212342	18.387	ug/L	99
33) Benzene	8.319	78	708995	20.646	ug/L	100
34) Trichloroethene	9.087	95	181613	19.671	ug/L	97
35) Methylcyclohexane	9.331	83	272219	16.446	ug/L	98
37) 1,2-Dichloropropane	9.361	63	187406	21.713	ug/L	99
38) Bromodichloromethane	9.642	83	230094	22.039	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	289769	21.342	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	224962	52.218	ug/L	99
42) Toluene	10.380	91	745548	20.769	ug/L	98
44) trans-1,3-Dichloropropene	10.599	75	237860	21.917	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	133744	24.175	ug/L	99
46) Tetrachloroethene	10.861	164	120778	18.230	ug/L	90
48) 2-Hexanone	10.965	43	152640	57.979	ug/L	97
49) Dibromochloromethane	11.123	129	140984	23.161	ug/L	97
50) 1,2-Dibromoethane	11.233	107	122322	23.857	ug/L	94
51) Chlorobenzene	11.654	112	472860	21.333	ug/L	97
52) Ethylbenzene	11.727	91	838648	20.362	ug/L	96
53) m,p-Xylene	11.837	106	317593	20.223	ug/L	98
54) o-Xylene	12.160	106	308229	21.119	ug/L	97
55) Styrene	12.178	104	526789	21.692	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	158097	26.007	ug/L	98
59) Bromoform	12.349	173	70980	21.984	ug/L	97
60) Isopropylbenzene	12.458	105	831669	19.648	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	116522	25.608	ug/L	98
62) 1,3,5-Trimethylbenzene	12.934	105	689624	19.786	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	679038	20.017	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	343169	20.441	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	344351	20.739	ug/L	99
67) 1,2-Dichlorobenzene	13.861	146	314122	21.910	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	27143	26.682	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	216073	18.992	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	193771	21.383	ug/L	96
71) Naphthalene	15.354	128	452128	26.608	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	171949	22.529	ug/L	98

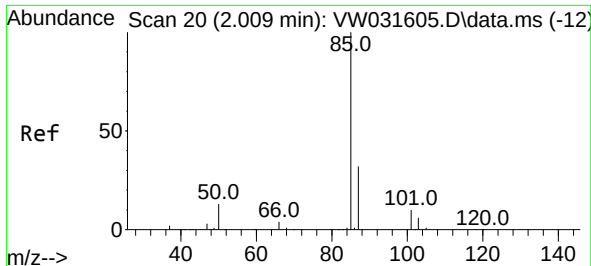
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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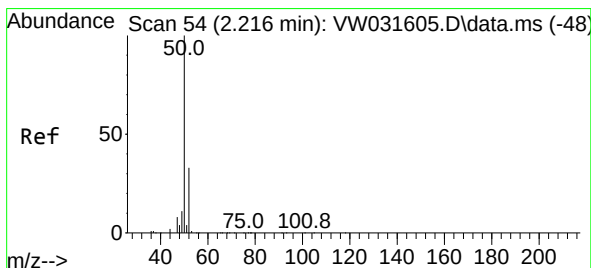
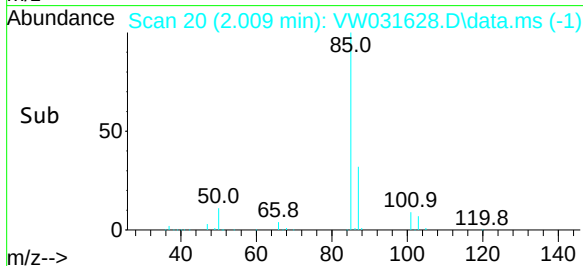
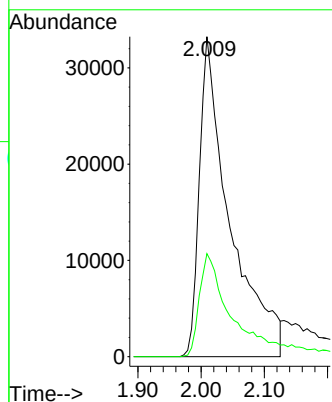
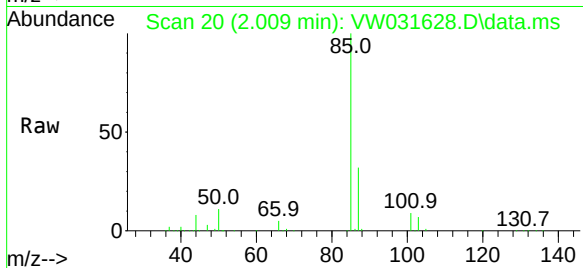




#2
 Dichlorodifluoromethane
 Concen: 15.544 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW031628.D
 Acq: 28 Jan 2025 19:06

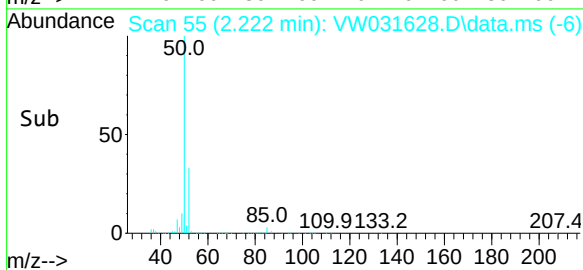
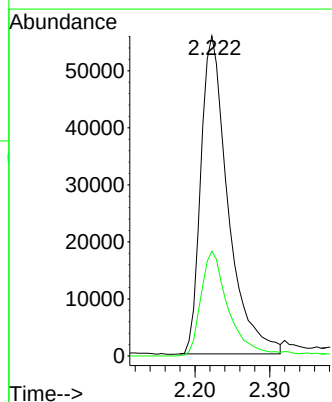
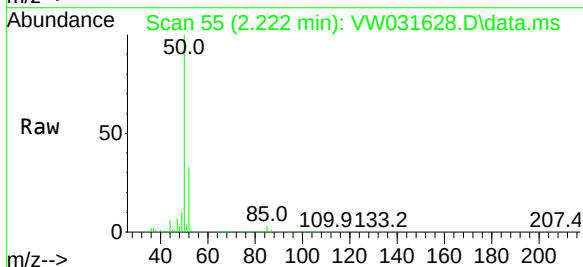
Instrument :
 MSVOA_W
 ClientSampleId :

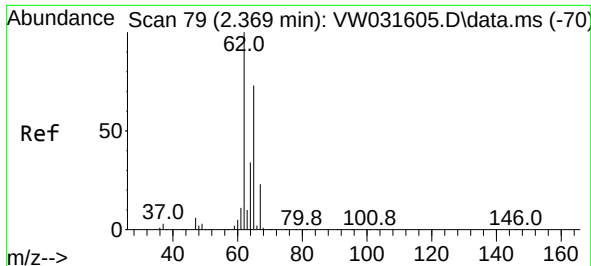
Tgt Ion: 85 Resp: 110835
 Ion Ratio Lower Upper
 85 100
 87 28.2 25.0 37.4



#3
 Chloromethane
 Concen: 19.068 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW031628.D
 Acq: 28 Jan 2025 19:06

Tgt Ion: 50 Resp: 140914
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.3 41.3

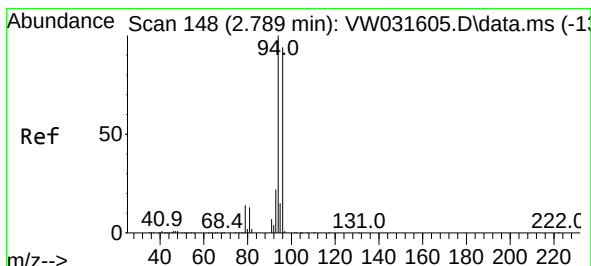
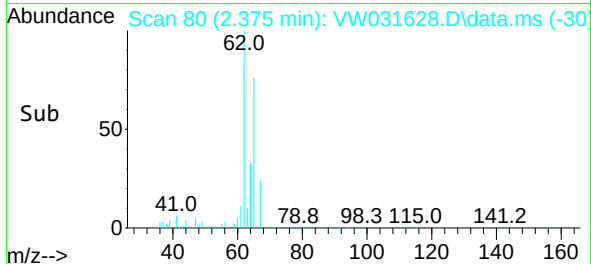
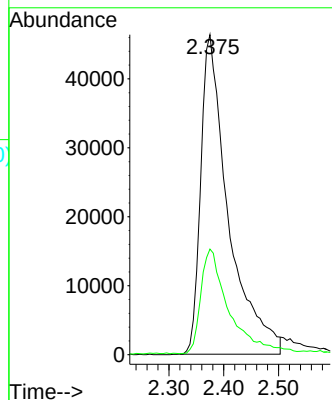
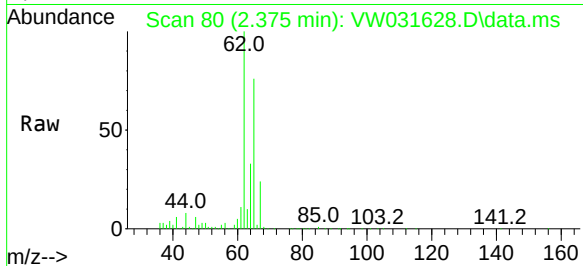




#5
 Vinyl chloride
 Concen: 17.182 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW031628.D
 Acq: 28 Jan 2025 19:06

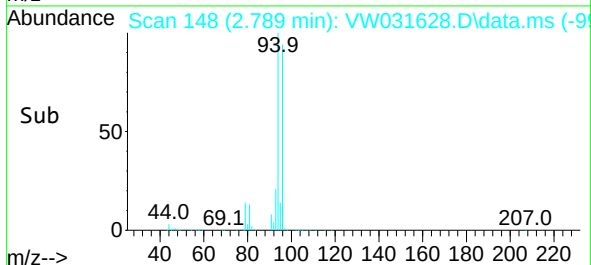
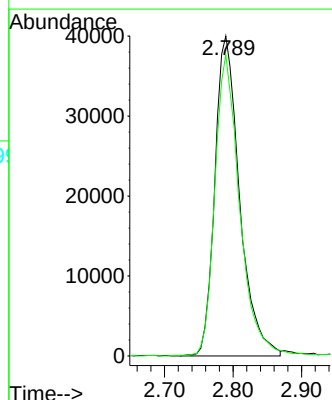
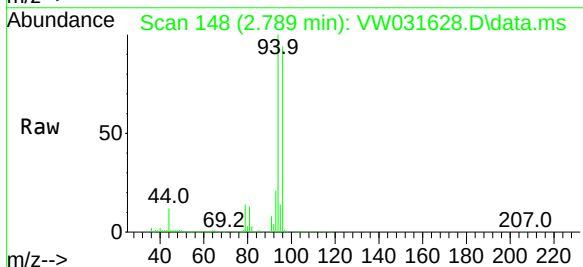
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 ClientSampleId :

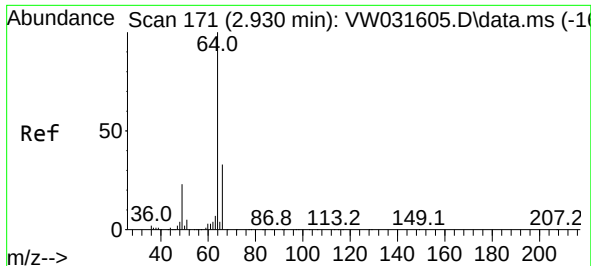
Tgt Ion: 62 Resp: 161967
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.7 42.3



#6
 Bromomethane
 Concen: 18.214 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW031628.D
 Acq: 28 Jan 2025 19:06

Tgt Ion: 94 Resp: 100353
 Ion Ratio Lower Upper
 94 100
 96 94.1 67.6 125.6

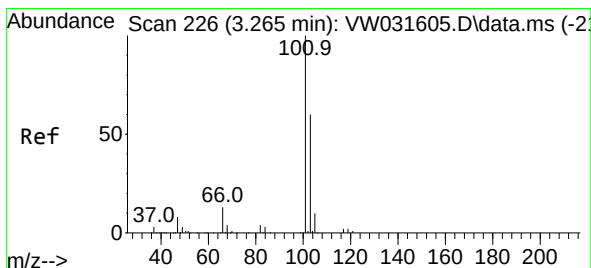
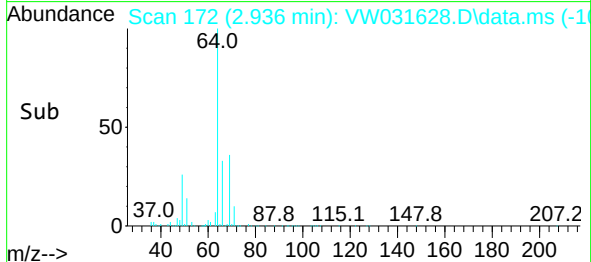
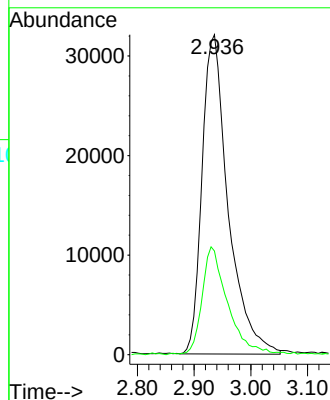
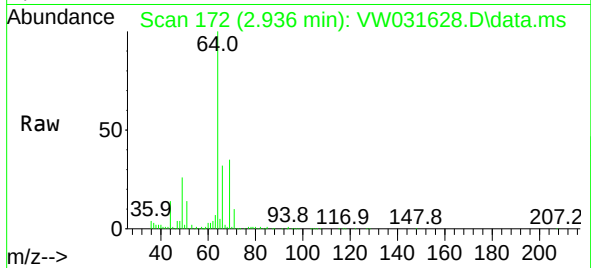




#8
Chloroethane
Concen: 18.540 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

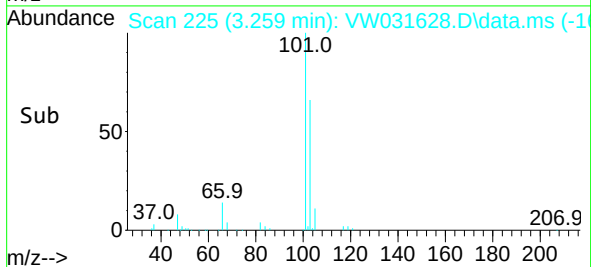
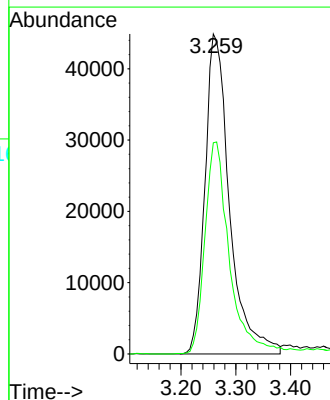
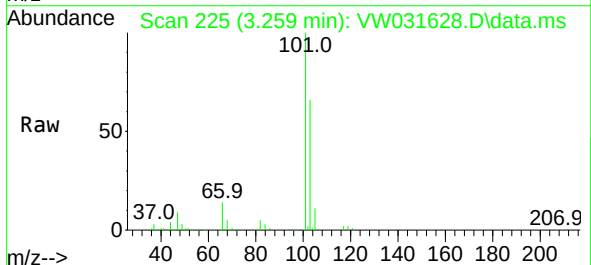
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ClientSampleId :

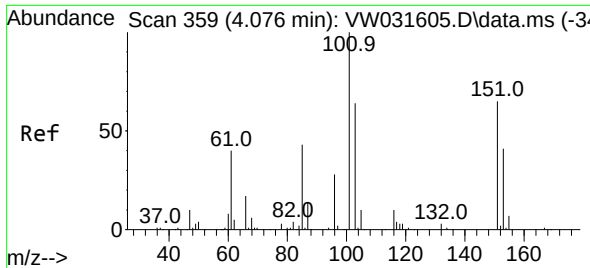
Tgt Ion: 64 Resp: 102733
Ion Ratio Lower Upper
64 100
66 32.4 22.3 41.3



#9
Trichlorofluoromethane
Concen: 14.900 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.012 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

Tgt Ion:101 Resp: 139537
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2

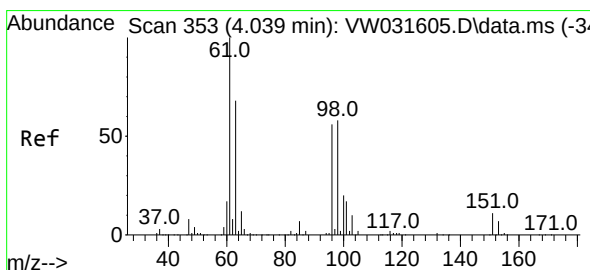
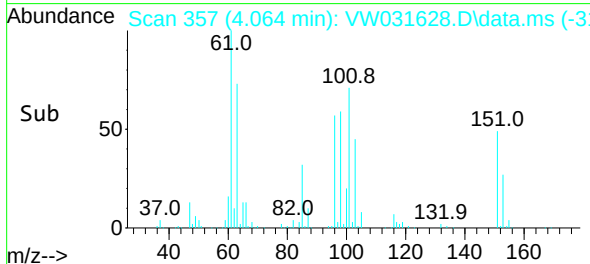
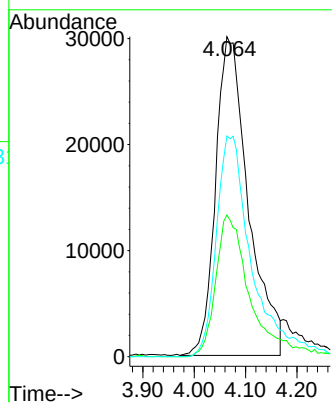
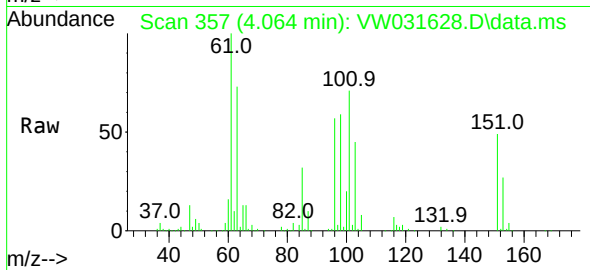




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.571 ug/L
 RT: 4.064 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW031628.D
 Acq: 28 Jan 2025 19:06

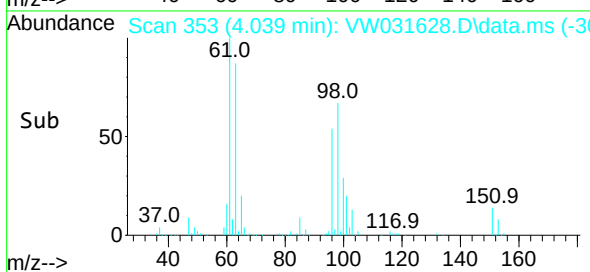
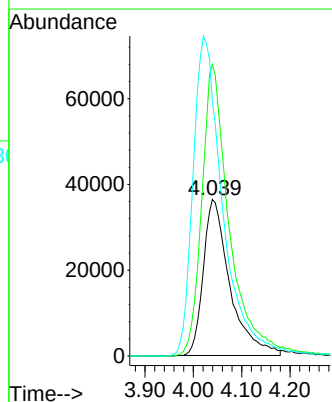
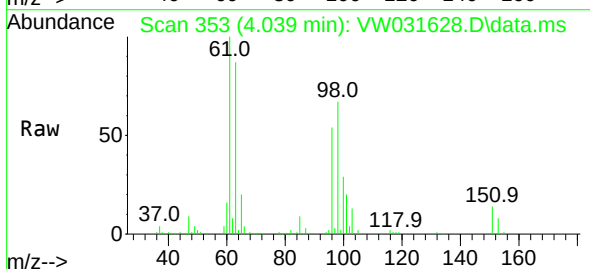
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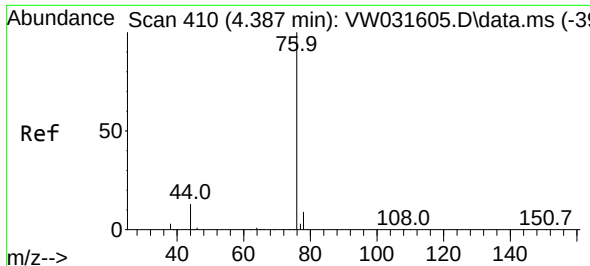
Tgt Ion:101 Resp: 133164
 Ion Ratio Lower Upper
 101 100
 85 44.9 36.1 54.1
 151 71.2 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 19.102 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW031628.D
 Acq: 28 Jan 2025 19:06

Tgt Ion: 96 Resp: 139348
 Ion Ratio Lower Upper
 96 100
 61 186.2 123.8 230.0
 63 162.8 94.1 174.8

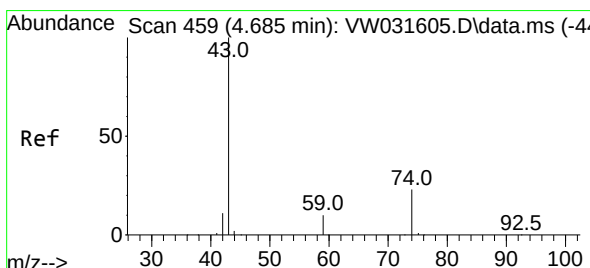
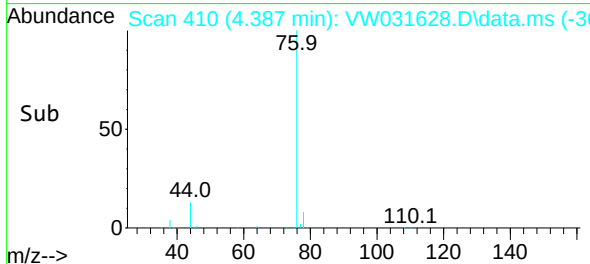
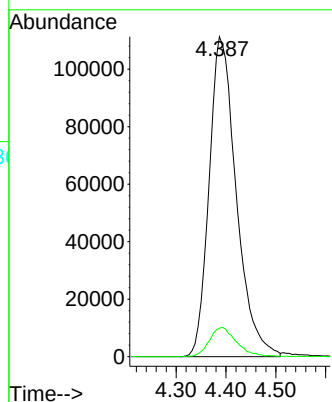
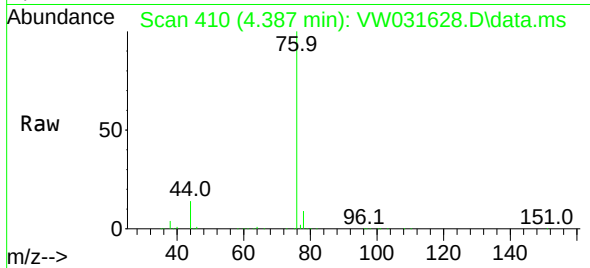




#14
Carbon disulfide
Concen: 17.127 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

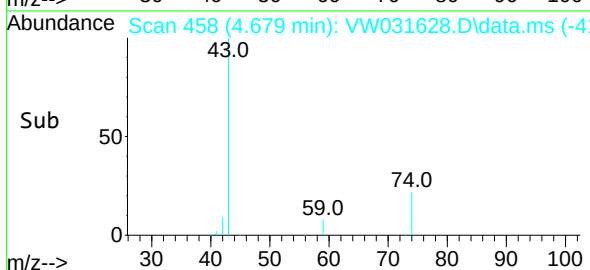
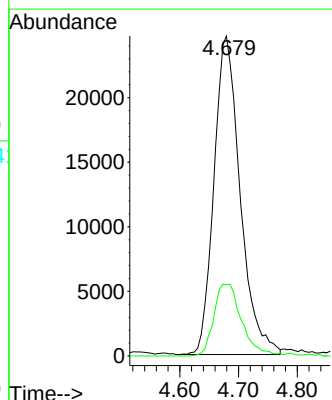
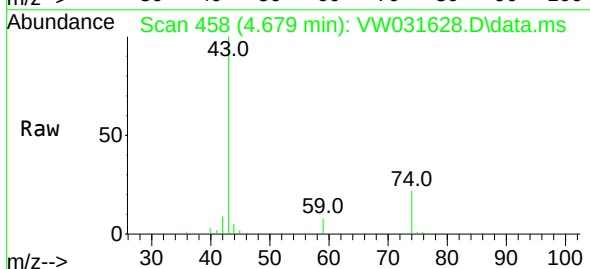
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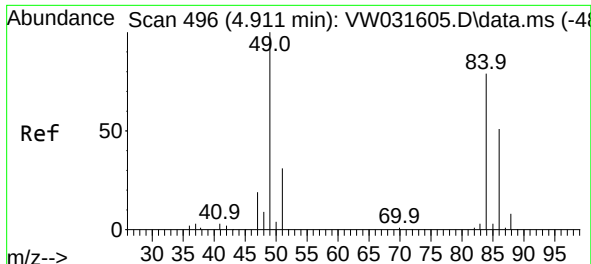
Tgt Ion: 76 Resp: 420847
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#15
Methyl Acetate
Concen: 27.400 ug/L
RT: 4.679 min Scan# 458
Delta R.T. -0.006 min
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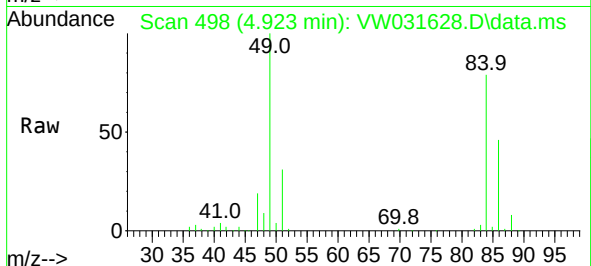
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Ion Ratio Lower Upper
43 100
74 23.7 10.6 15.8#



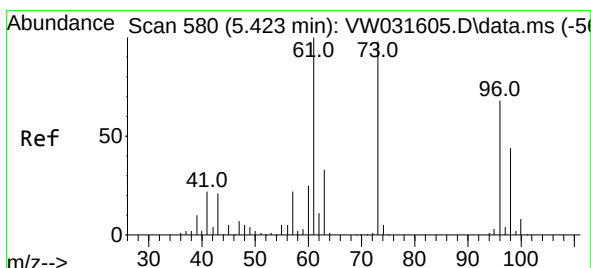
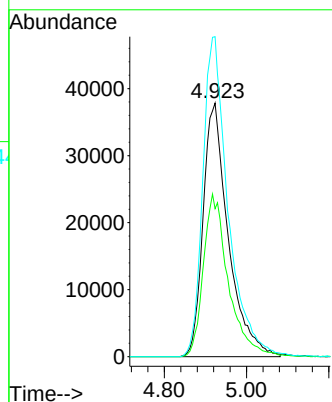
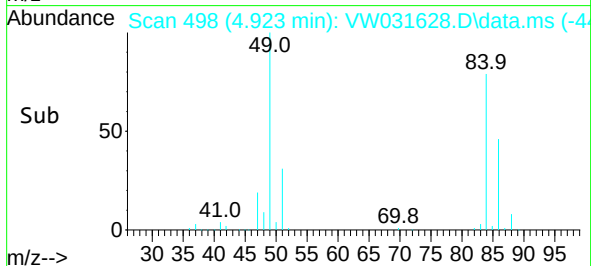


#16
Methylene chloride
Concen: 21.560 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

Instrument :
MSVOA_W
ClientSampleId :

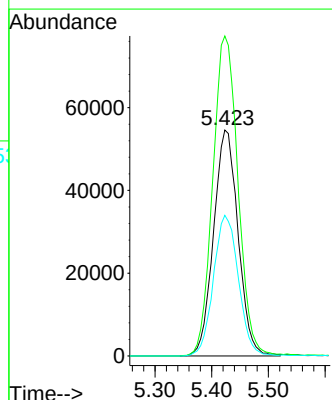
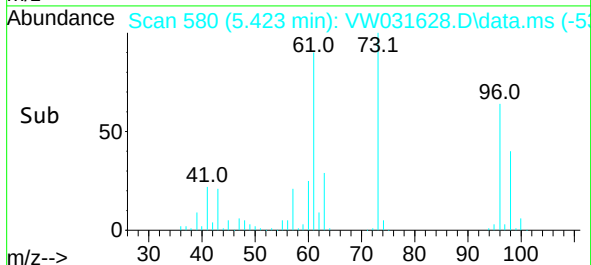
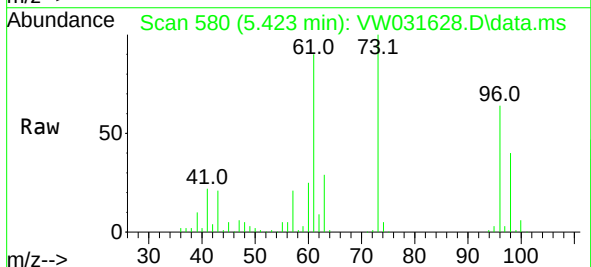


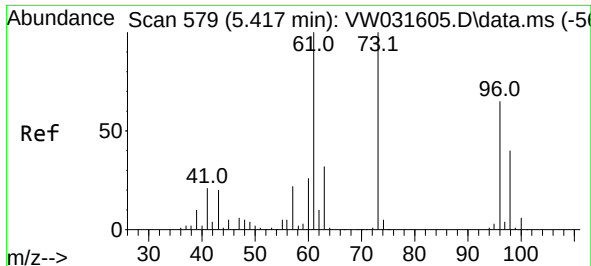
Tgt Ion: 84 Resp: 160972
Ion Ratio Lower Upper
84 100
86 58.3 47.0 87.2
49 126.1 89.8 166.8



#17
trans-1,2-Dichloroethene
Concen: 20.925 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

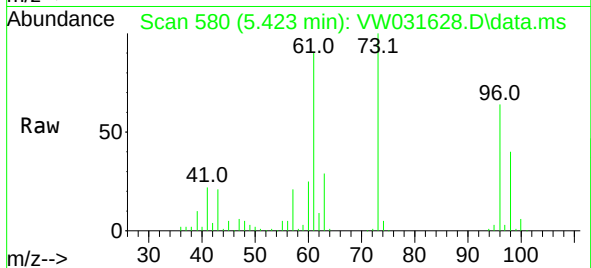
Tgt Ion: 96 Resp: 163947
Ion Ratio Lower Upper
96 100
61 141.6 105.1 195.1
98 62.2 44.9 83.3



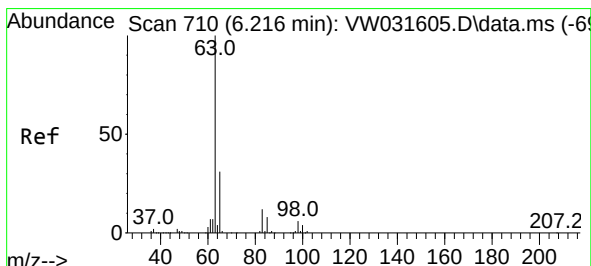
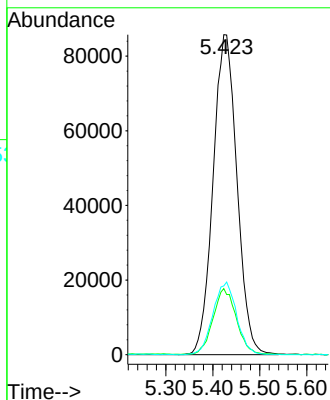
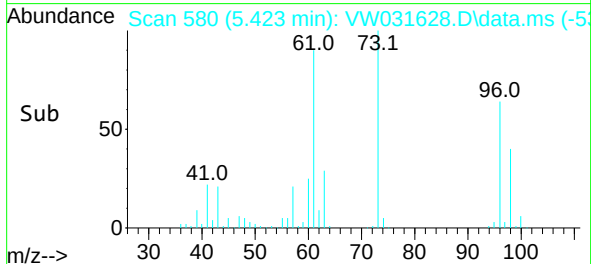


#18
Methyl tert-butyl Ether
Concen: 24.128 ug/L
RT: 5.423 min Scan# 579
Delta R.T. -0.006 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

Instrument :
MSVOA_W
ClientSampleId :

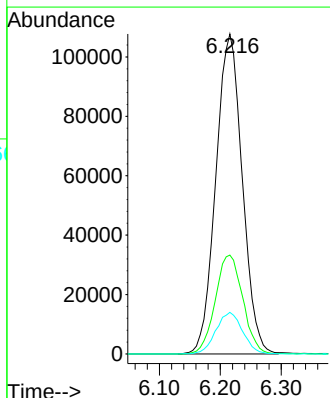
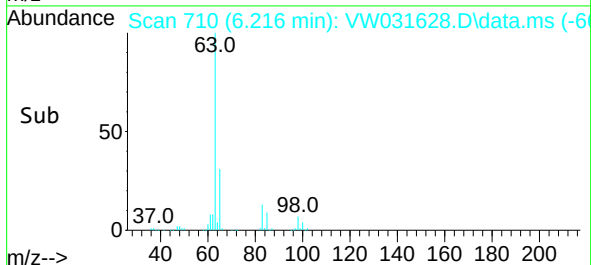
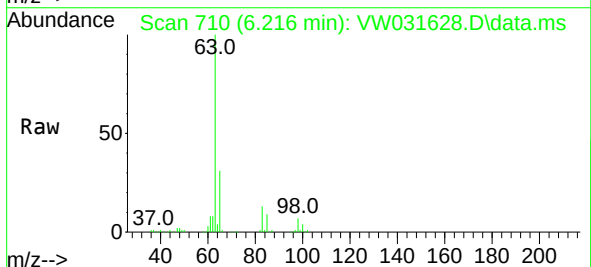


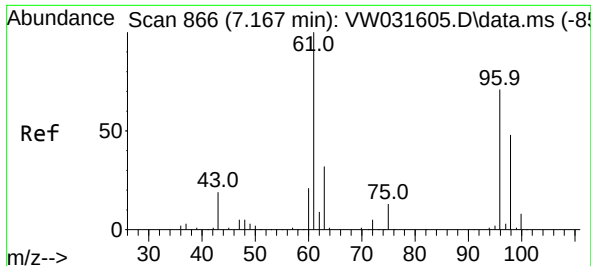
Tgt Ion: 73 Resp: 303130
Ion Ratio Lower Upper
73 100
43 20.1 16.4 24.6
57 22.5 18.2 27.2



#19
1,1-Dichloroethane
Concen: 22.065 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

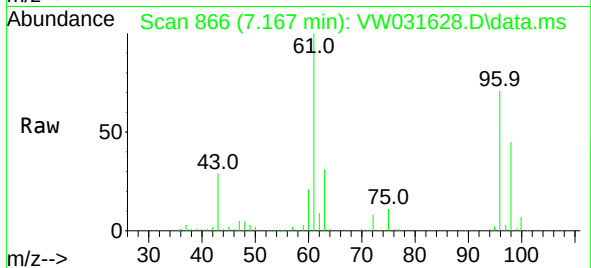
Tgt Ion: 63 Resp: 325262
Ion Ratio Lower Upper
63 100
65 30.9 22.0 41.0
83 13.0 9.0 16.6





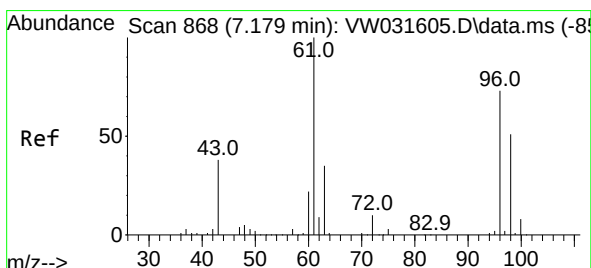
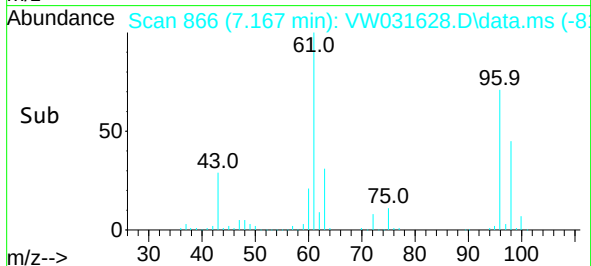
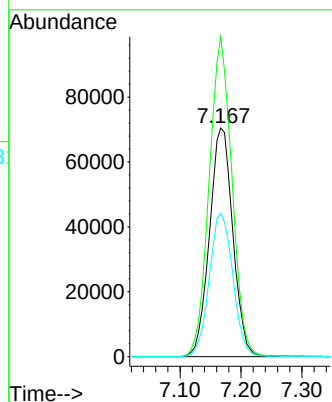
#20
 cis-1,2-Dichloroethene
 Concen: 22.402 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW031628.D
 Acq: 28 Jan 2025 19:06

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 96 Resp: 187406

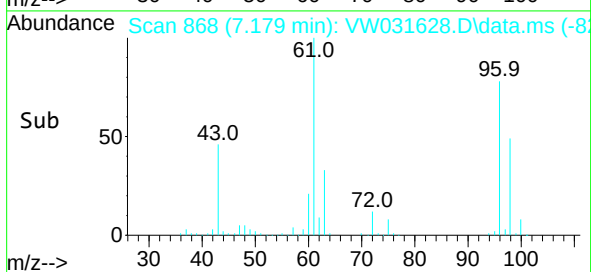
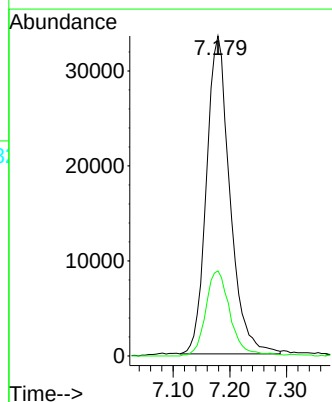
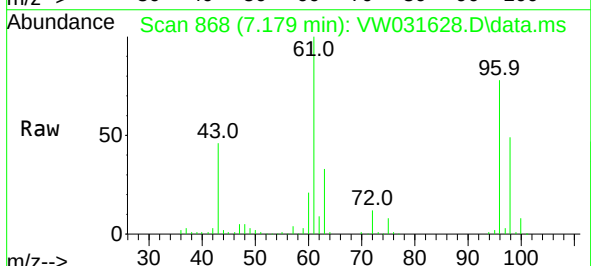
Ion	Ratio	Lower	Upper
96	100		
61	140.0	94.8	176.2
98	62.7	45.6	84.8

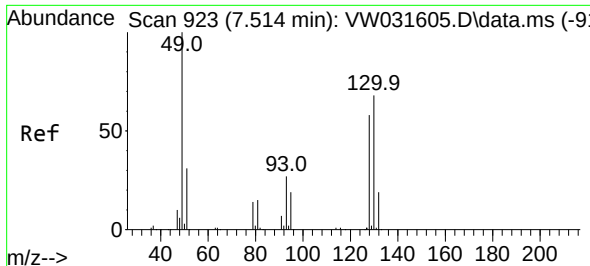


#22
 2-Butanone
 Concen: 53.015 ug/L
 RT: 7.179 min Scan# 868
 Delta R.T. -0.006 min
 Lab File: VW031628.D
 Acq: 28 Jan 2025 19:06

Tgt Ion: 43 Resp: 96362

Ion	Ratio	Lower	Upper
43	100		
72	27.4	13.2	39.5

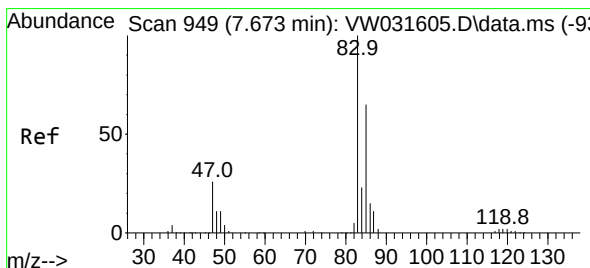
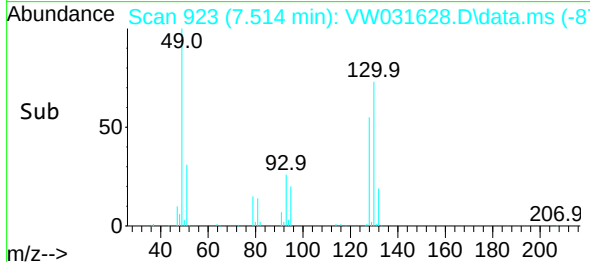
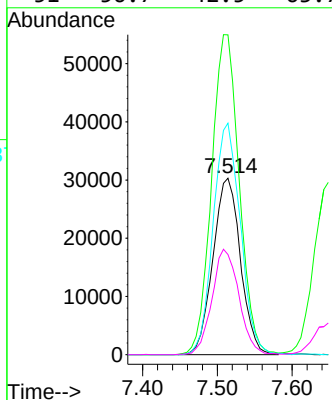
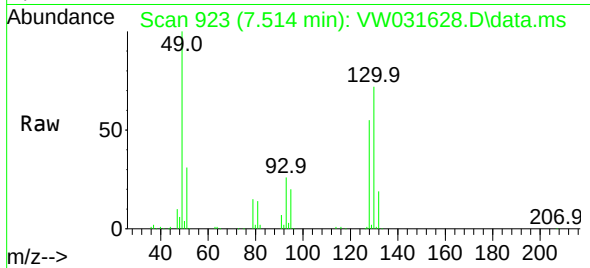




#23
Bromochloromethane
Concen: 23.702 ug/L
RT: 7.514 min Scan# 912
Delta R.T. 0.000 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

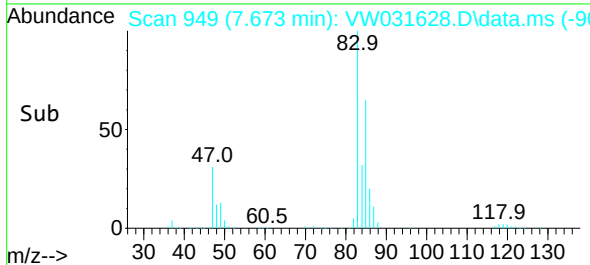
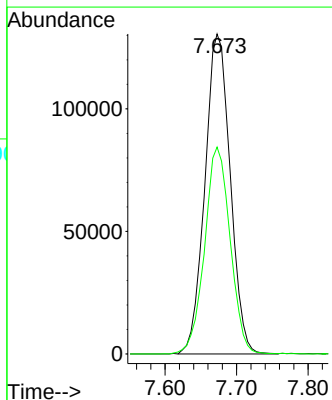
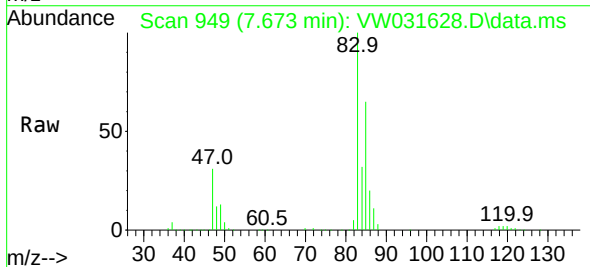
Instrument :
MSVOA_W
ClientSampleId :

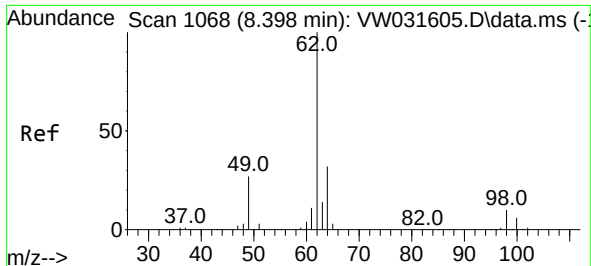
Tgt Ion:128 Resp: 77649
Ion Ratio Lower Upper
128 100
49 181.2 123.9 230.1
130 131.2 88.1 163.7
51 56.7 42.5 63.7



#25
Chloroform
Concen: 22.905 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

Tgt Ion: 83 Resp: 321145
Ion Ratio Lower Upper
83 100
85 64.7 46.2 85.8





#27

1,2-Dichloroethane

Concen: 24.698 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031628.D

Acq: 28 Jan 2025 19:06

Instrument :

MSVOA_W

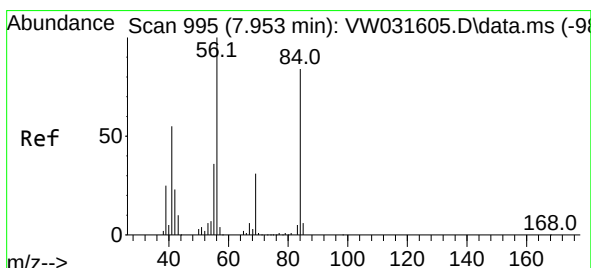
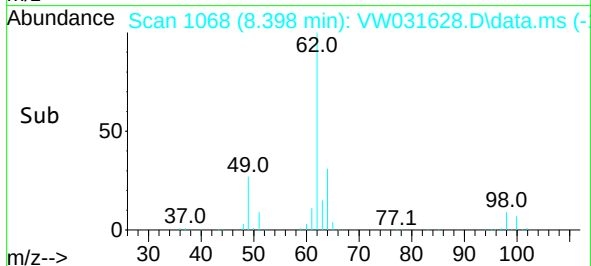
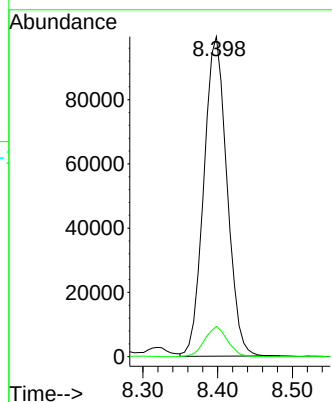
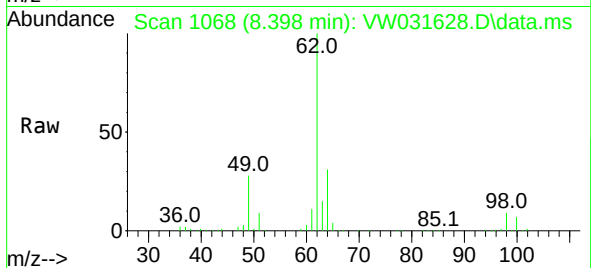
ClientSampleId :

Tgt Ion: 62 Resp: 213282

Ion Ratio Lower Upper

62 100

98 9.5 7.3 10.9



#29

Cyclohexane

Concen: 17.258 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW031628.D

Acq: 28 Jan 2025 19:06

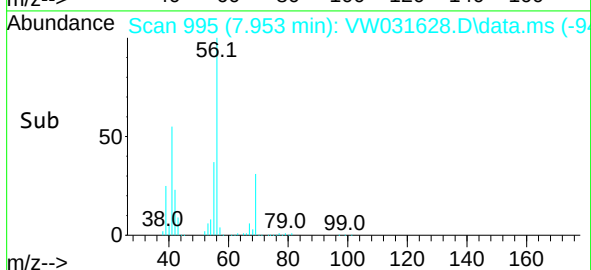
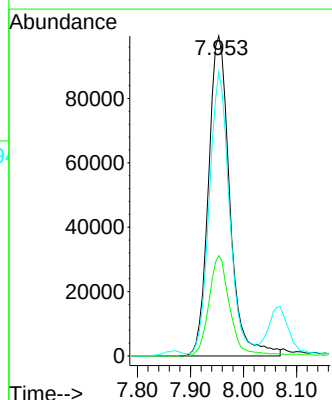
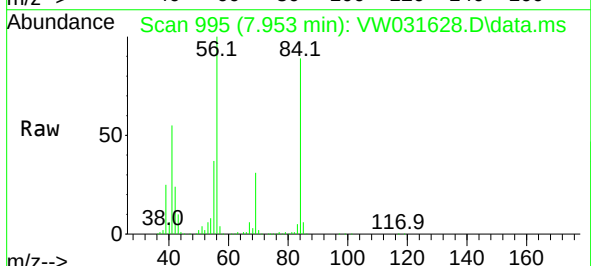
Tgt Ion: 56 Resp: 277533

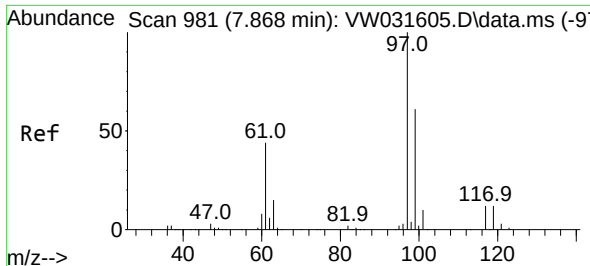
Ion Ratio Lower Upper

56 100

69 30.4 25.2 37.8

84 82.9 66.3 99.5

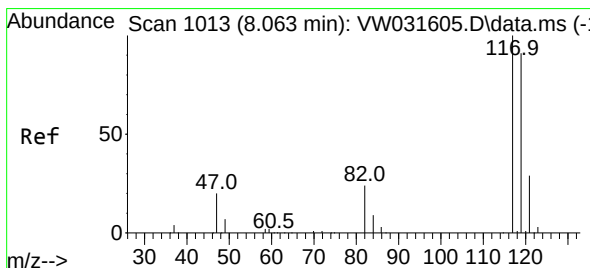
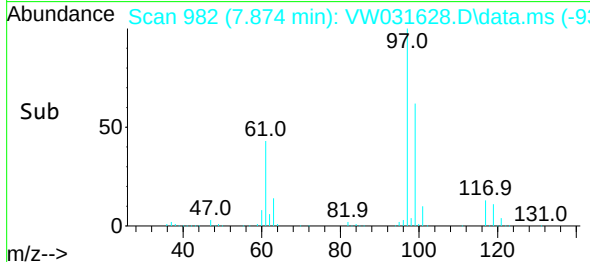
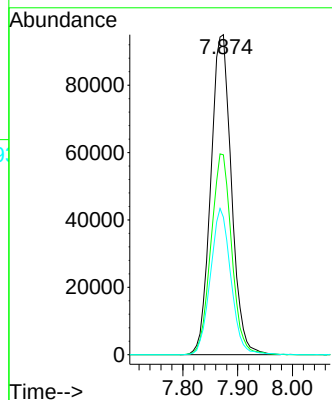
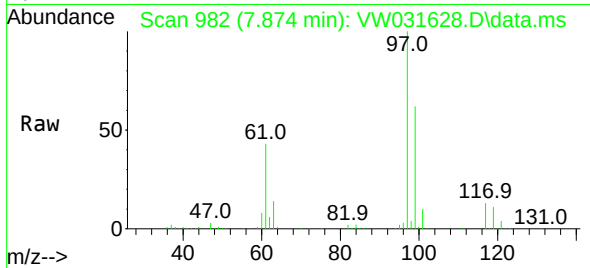




#30
1,1,1-Trichloroethane
Concen: 19.064 ug/L
RT: 7.874 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

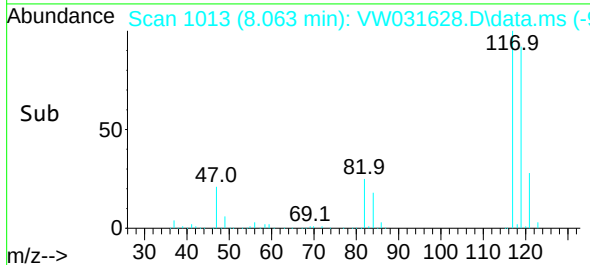
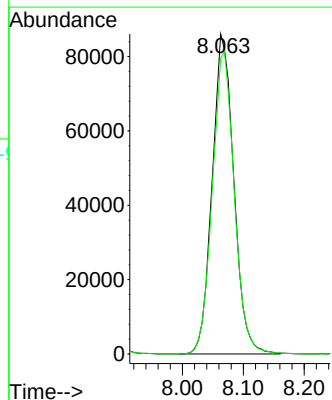
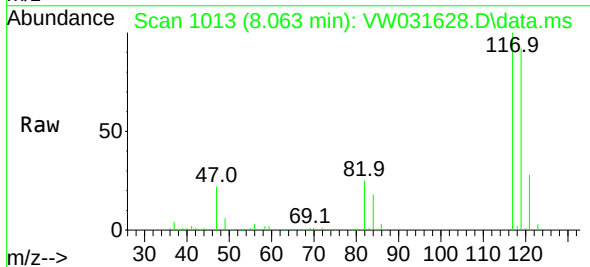
Instrument :
MSVOA_W
ClientSampleId :

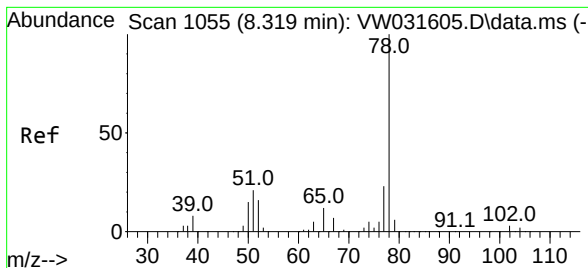
Tgt Ion: 97 Resp: 248310
Ion Ratio Lower Upper
97 100
99 63.0 52.2 78.4
61 45.2 36.9 55.3



#31
Carbon tetrachloride
Concen: 18.387 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

Tgt Ion: 117 Resp: 212342
Ion Ratio Lower Upper
117 100
119 95.8 77.4 116.0





#33

Benzene

Concen: 20.646 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW031628.D

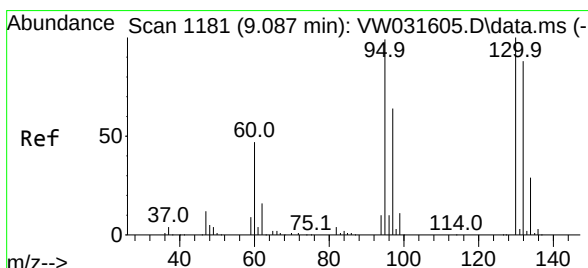
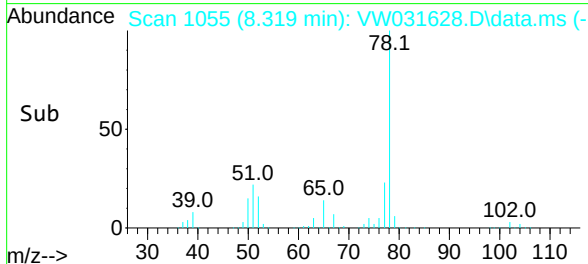
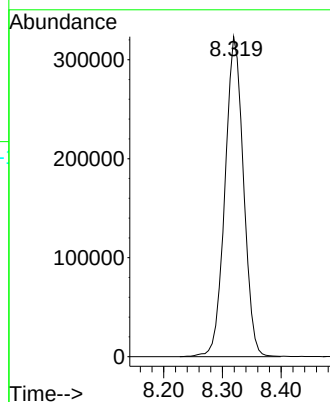
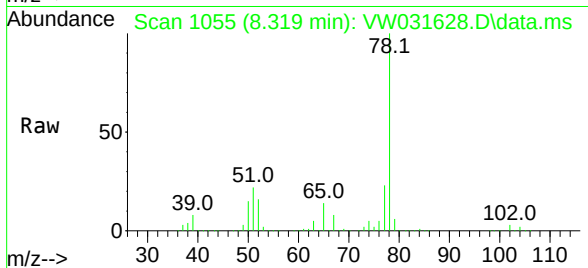
Acq: 28 Jan 2025 19:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 708995



#34

Trichloroethene

Concen: 19.671 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031628.D

Acq: 28 Jan 2025 19:06

Tgt Ion: 95 Resp: 181613

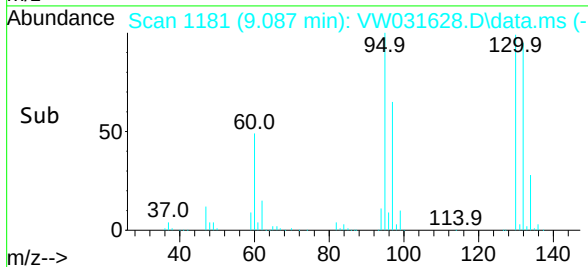
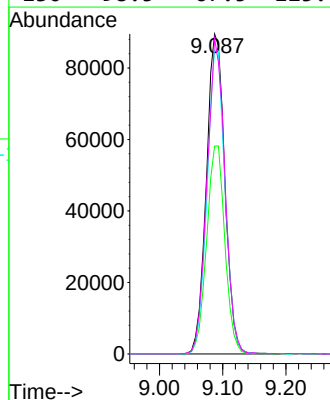
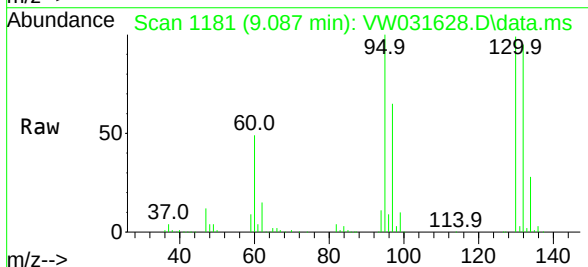
Ion Ratio Lower Upper

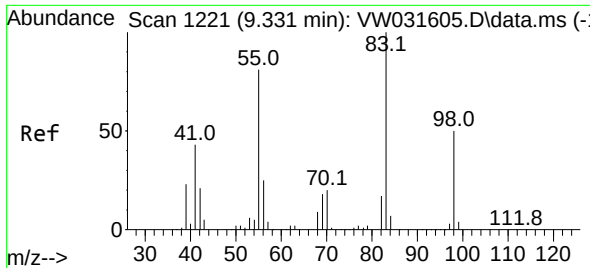
95 100

97 65.0 44.0 81.6

132 95.0 64.6 120.0

130 98.5 67.5 125.4

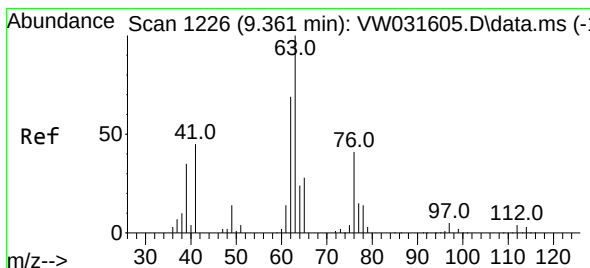
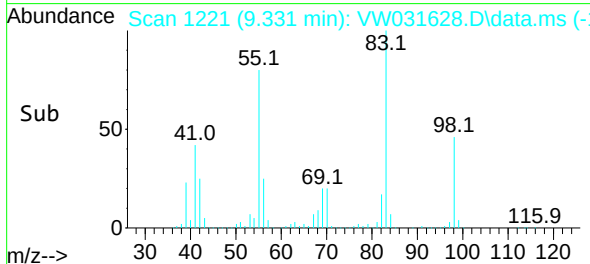
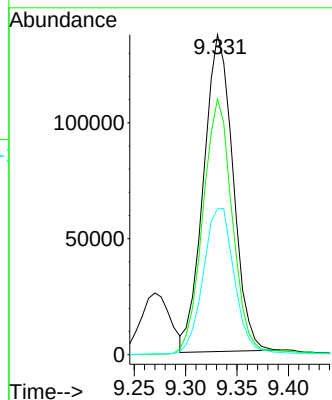
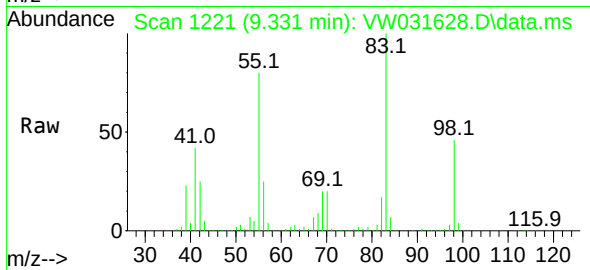




#35
Methylcyclohexane
Concen: 16.446 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

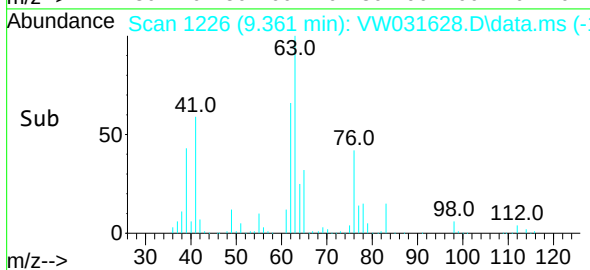
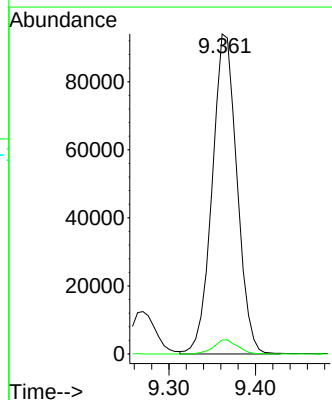
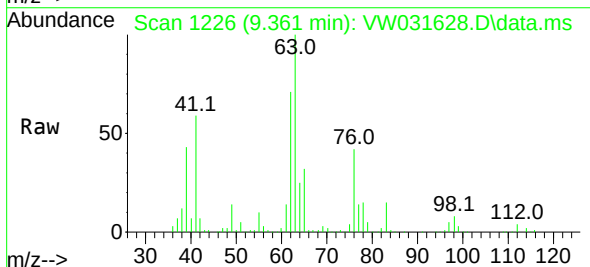
Instrument :
MSVOA_W
ClientSampleId :

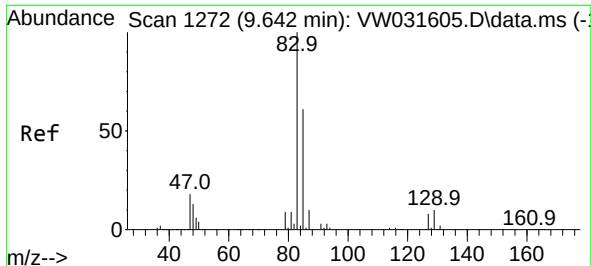
Tgt Ion: 83 Resp: 272219
Ion Ratio Lower Upper
83 100
55 81.1 63.4 95.2
98 49.0 38.8 58.2



#37
1,2-Dichloropropane
Concen: 21.713 ug/L
RT: 9.361 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

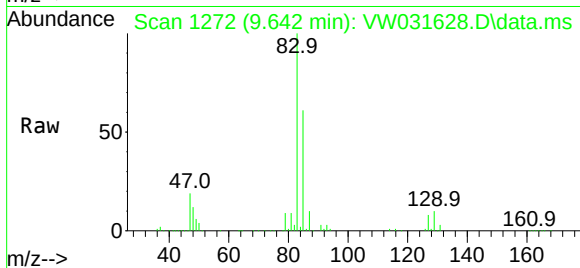
Tgt Ion: 63 Resp: 187406
Ion Ratio Lower Upper
63 100
112 4.2 3.6 5.4



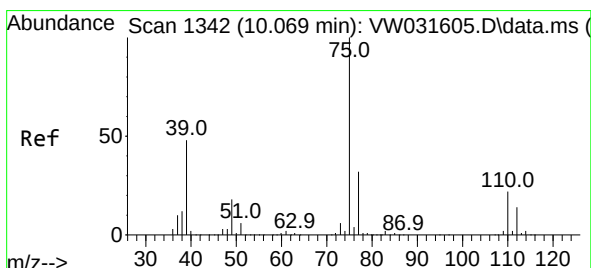
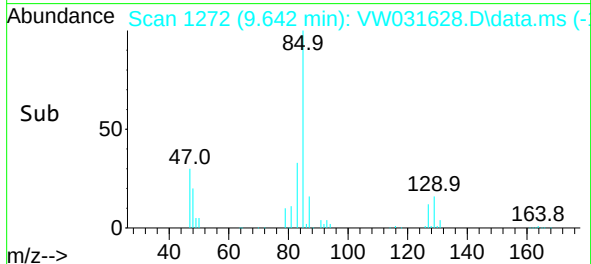
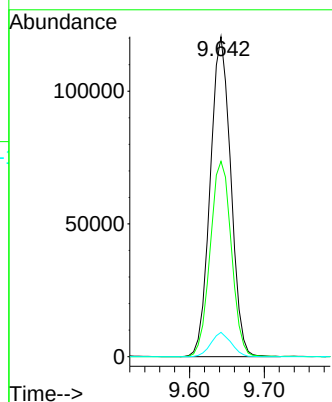


#38
Bromodichloromethane
Concen: 22.039 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

Instrument :
MSVOA_W
ClientSampleId :

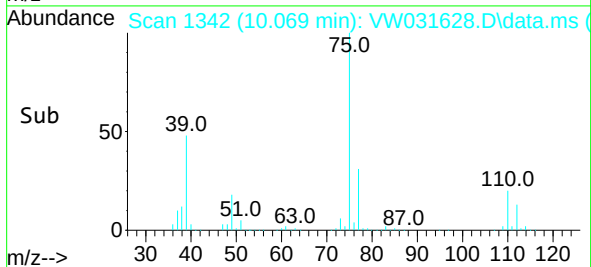
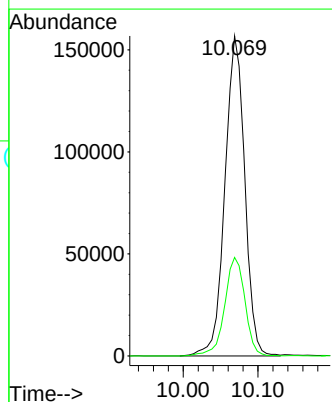
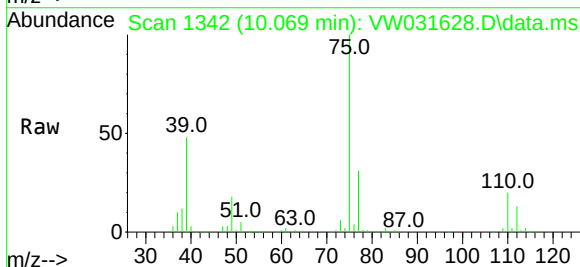


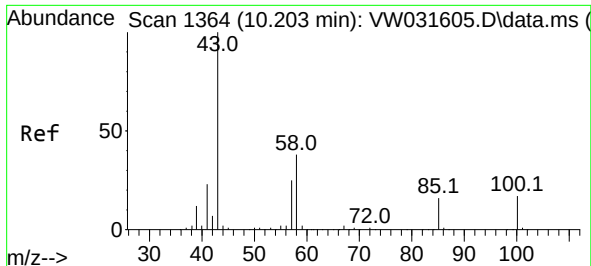
Tgt Ion: 83 Resp: 230094
Ion Ratio Lower Upper
83 100
85 61.1 43.8 81.3
127 7.6 6.2 9.4



#39
cis-1,3-Dichloropropene
Concen: 21.342 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

Tgt Ion: 75 Resp: 289769
Ion Ratio Lower Upper
75 100
77 30.8 21.6 40.2

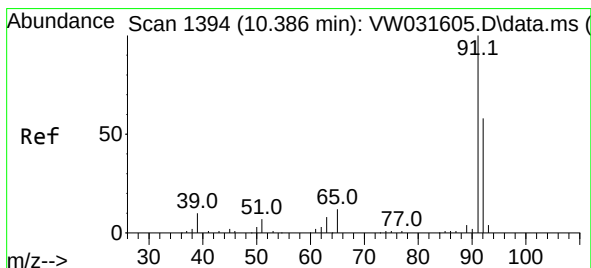
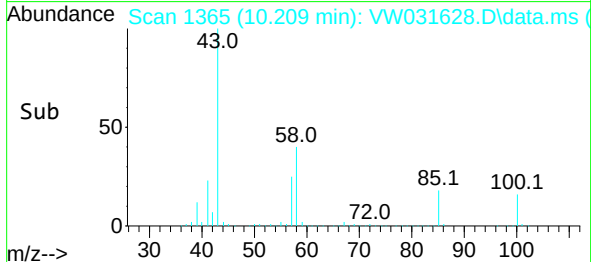
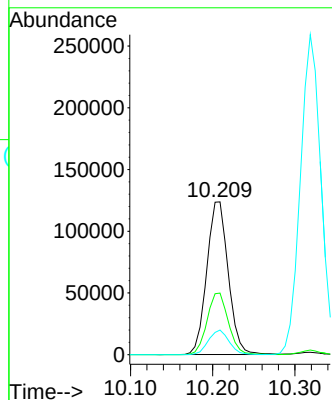
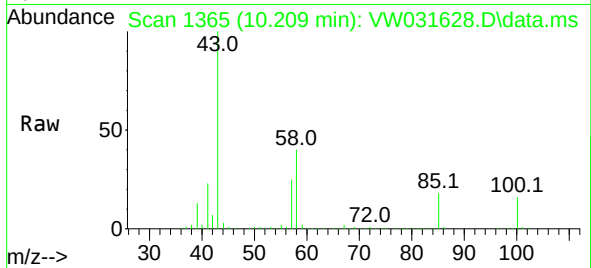




#40
4-Methyl-2-pentanone
Concen: 52.218 ug/L
RT: 10.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

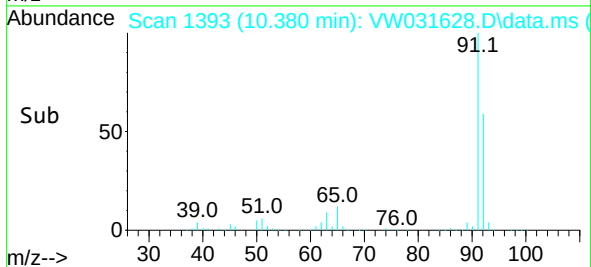
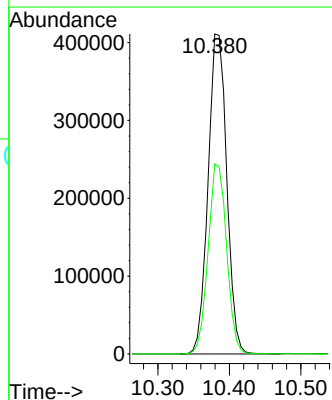
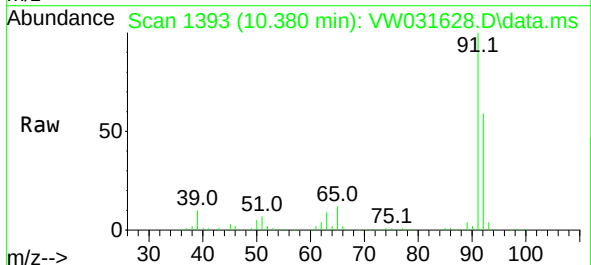
Instrument :
MSVOA_W
ClientSampleId :

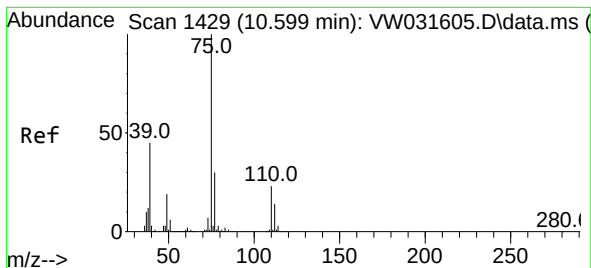
Tgt Ion: 43 Resp: 224962
Ion Ratio Lower Upper
43 100
58 40.0 31.4 47.2
100 15.5 12.3 18.5



#42
Toluene
Concen: 20.769 ug/L
RT: 10.380 min Scan# 1393
Delta R.T. -0.006 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

Tgt Ion: 91 Resp: 745548
Ion Ratio Lower Upper
91 100
92 59.4 40.6 75.4





#44

trans-1,3-Dichloropropene

Concen: 21.917 ug/L

RT: 10.599 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VW031628.D

Acq: 28 Jan 2025 19:06

Instrument :

MSVOA_W

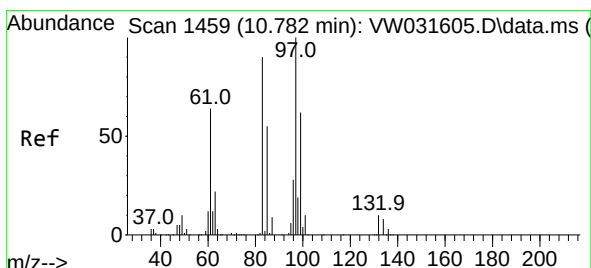
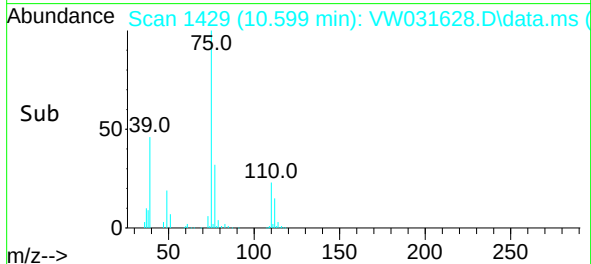
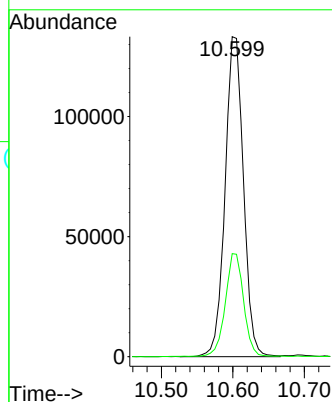
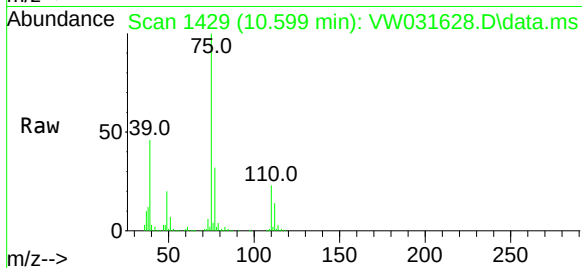
ClientSampleId :

Tgt Ion: 75 Resp: 237860

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9



#45

1,1,2-Trichloroethane

Concen: 24.175 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031628.D

Acq: 28 Jan 2025 19:06

Tgt Ion: 97 Resp: 133744

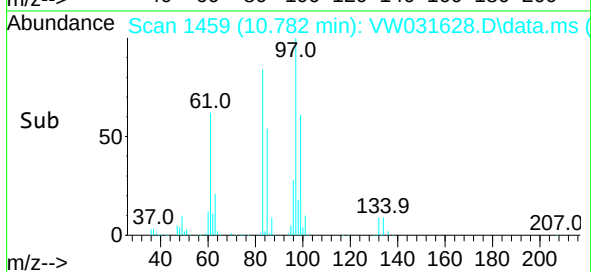
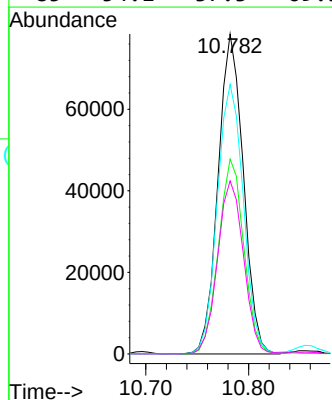
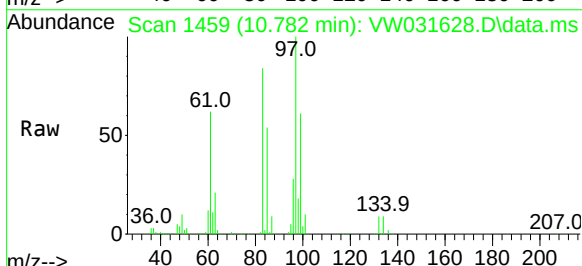
Ion Ratio Lower Upper

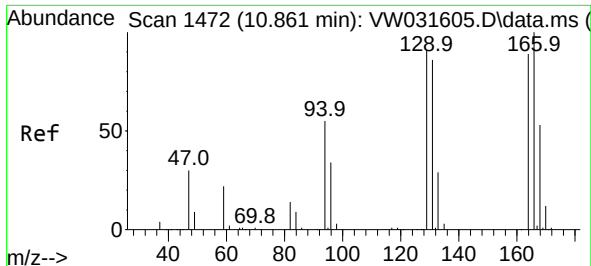
97 100

99 60.9 42.6 79.2

83 84.2 59.6 110.8

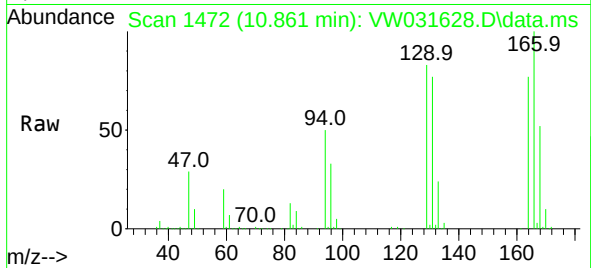
85 54.1 37.3 69.3



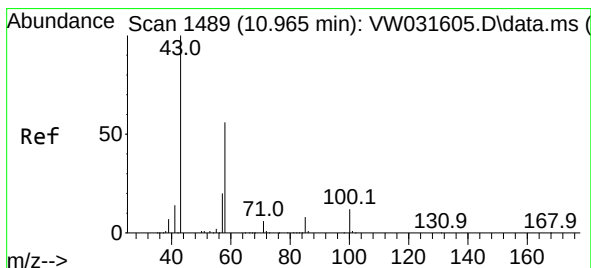
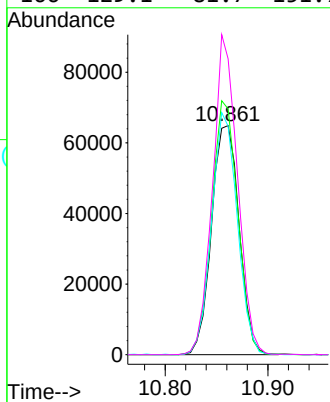
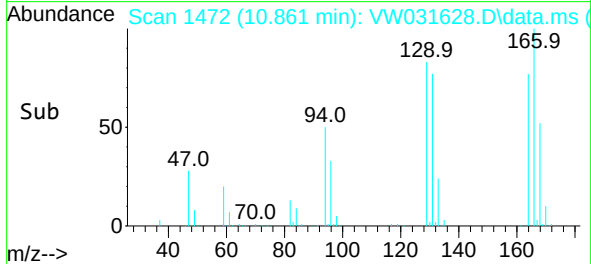


#46
Tetrachloroethene
Concen: 18.230 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

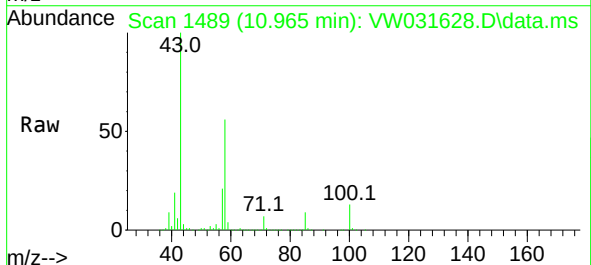
Instrument :
MSVOA_W
ClientSampleId :



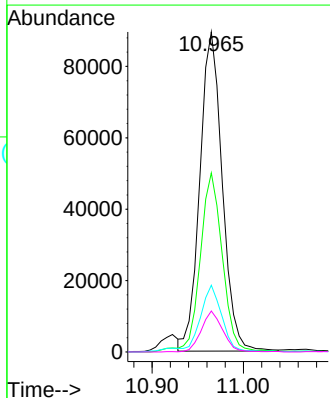
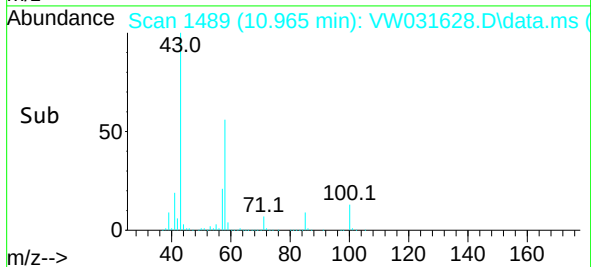
Tgt Ion:164 Resp: 120778
Ion Ratio Lower Upper
164 100
129 107.3 69.8 129.6
131 99.8 63.1 117.1
166 129.1 81.7 151.7

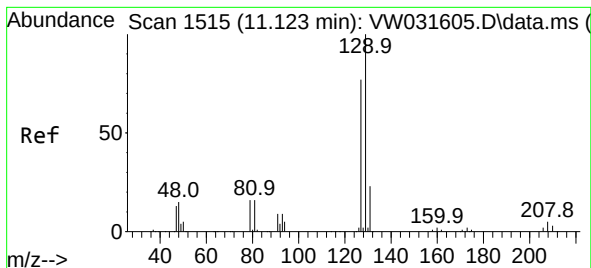


#48
2-Hexanone
Concen: 57.979 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06



Tgt Ion: 43 Resp: 152640
Ion Ratio Lower Upper
43 100
58 53.5 44.8 67.2
57 19.3 15.6 23.4
100 12.2 9.3 13.9





#49

Dibromochloromethane

Concen: 23.161 ug/L

RT: 11.123 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031628.D

Acq: 28 Jan 2025 19:06

Instrument :

MSVOA_W

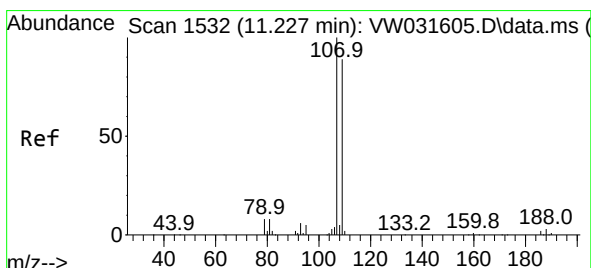
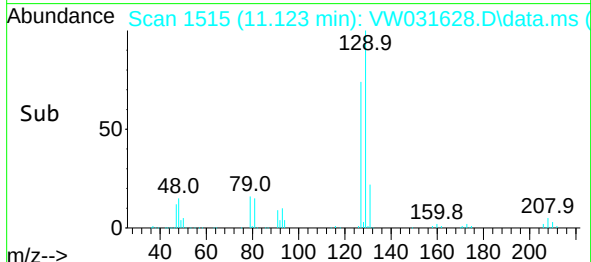
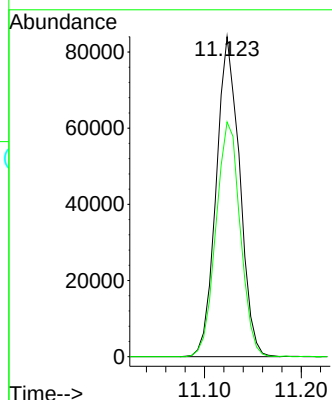
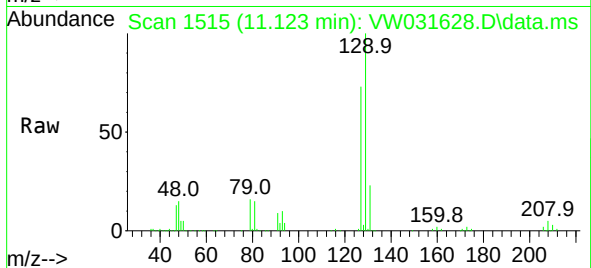
ClientSampleId :

Tgt Ion:129 Resp: 140984

Ion Ratio Lower Upper

129 100

127 73.4 53.0 98.4



#50

1,2-Dibromoethane

Concen: 23.857 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031628.D

Acq: 28 Jan 2025 19:06

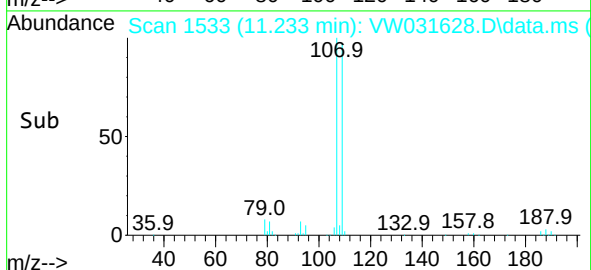
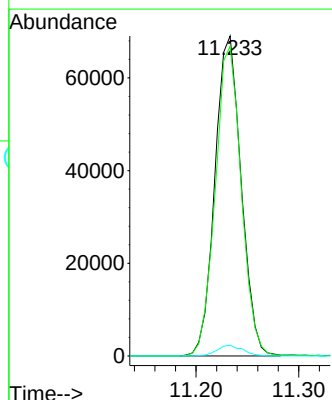
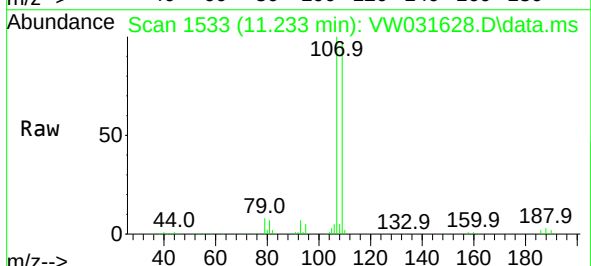
Tgt Ion:107 Resp: 122322

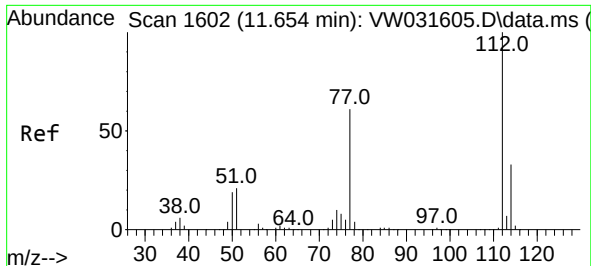
Ion Ratio Lower Upper

107 100

109 96.8 63.8 118.4

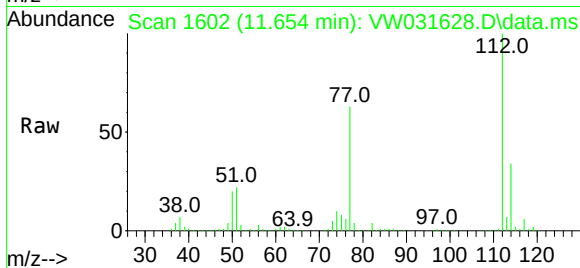
188 3.4 2.6 3.8



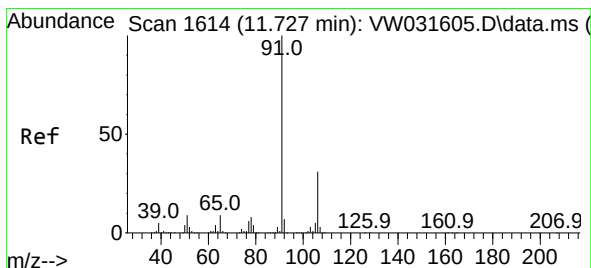
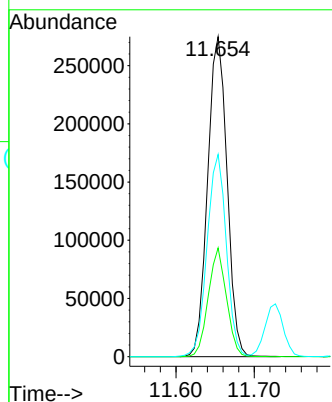
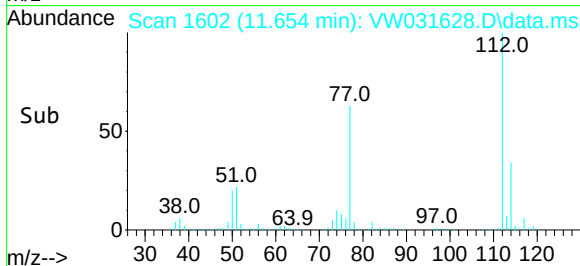


#51
Chlorobenzene
Concen: 21.333 ug/L
RT: 11.654 min Scan# 11602
Delta R.T. 0.000 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

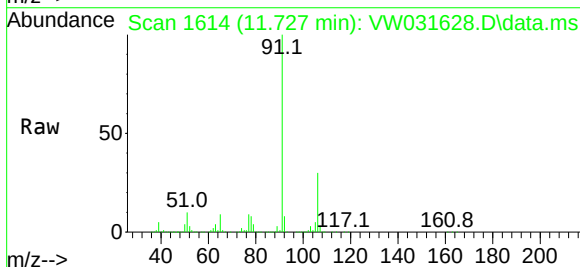
Instrument :
MSVOA_W
ClientSampleId :



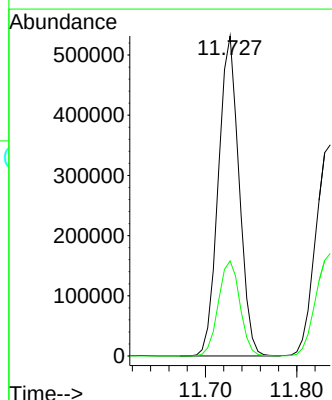
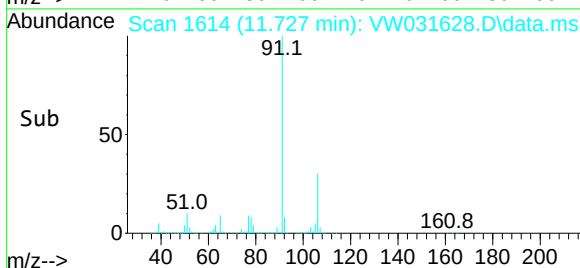
Tgt Ion:112 Resp: 472860
Ion Ratio Lower Upper
112 100
114 34.0 22.0 40.8
77 63.2 49.0 73.4

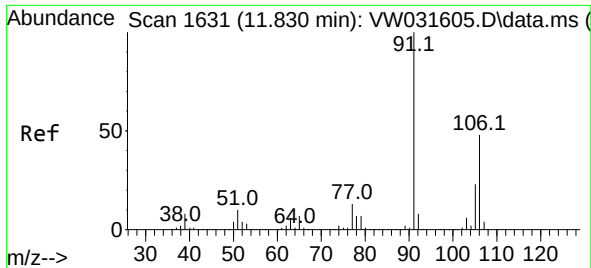


#52
Ethylbenzene
Concen: 20.362 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06



Tgt Ion: 91 Resp: 838648
Ion Ratio Lower Upper
91 100
106 29.7 22.3 41.3

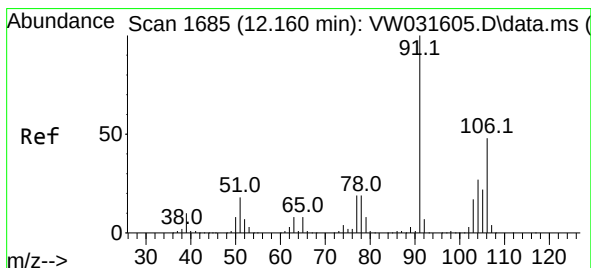
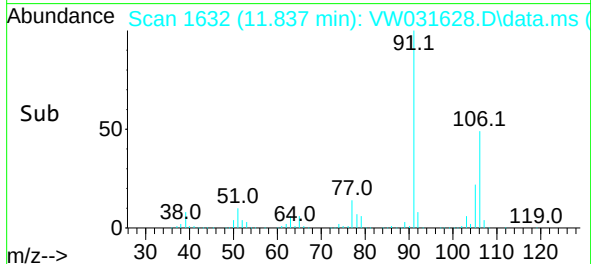
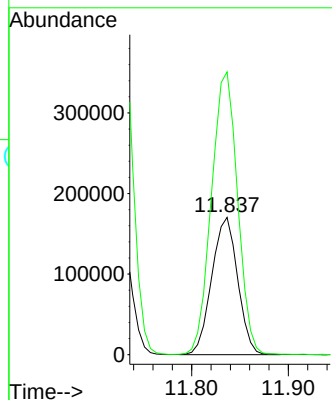
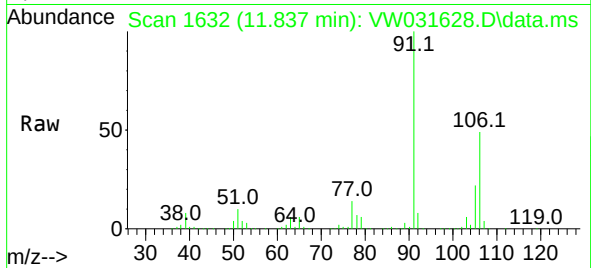




#53
m,p-Xylene
Concen: 20.223 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

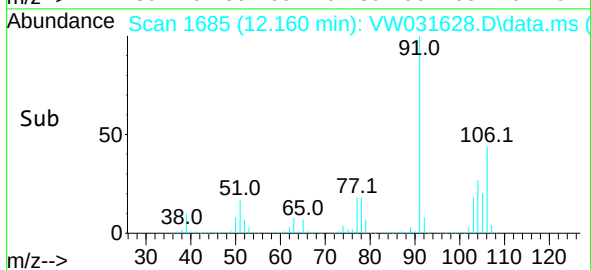
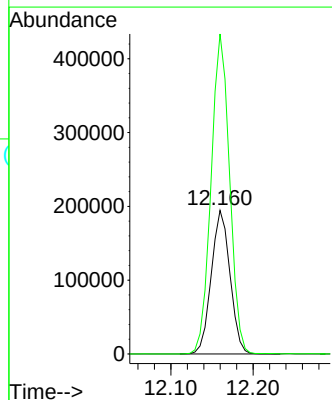
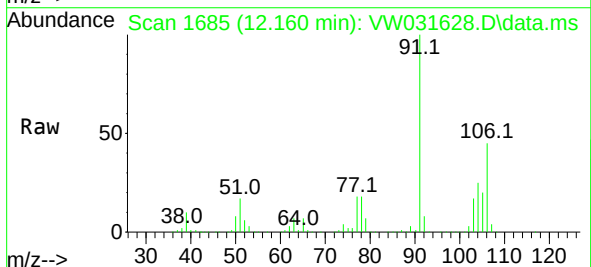
Instrument :
MSVOA_W
ClientSampleId :

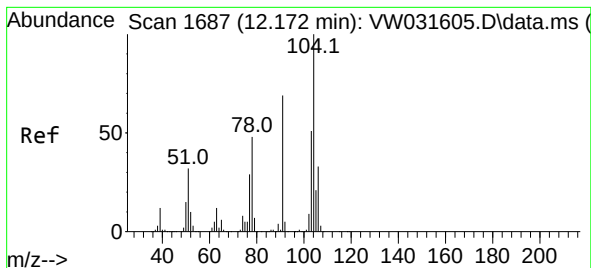
Tgt Ion:106 Resp: 317593
Ion Ratio Lower Upper
106 100
91 206.0 145.9 270.9



#54
o-Xylene
Concen: 21.119 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

Tgt Ion:106 Resp: 308229
Ion Ratio Lower Upper
106 100
91 222.9 152.9 284.1





#55

Styrene

Concen: 21.692 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031628.D

Acq: 28 Jan 2025 19:06

Instrument :

MSVOA_W

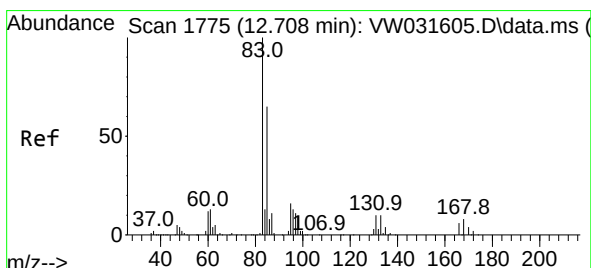
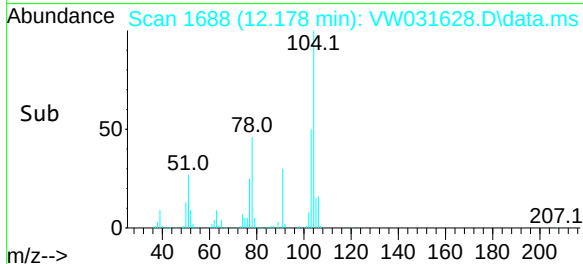
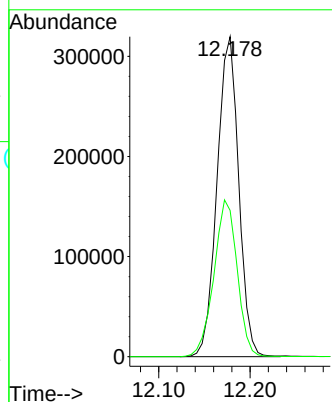
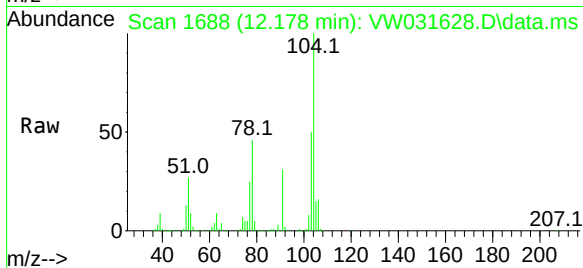
ClientSampleId :

Tgt Ion:104 Resp: 526789

Ion Ratio Lower Upper

104 100

78 45.7 32.0 59.4



#57

1,1,2,2-Tetrachloroethane

Concen: 26.007 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW031628.D

Acq: 28 Jan 2025 19:06

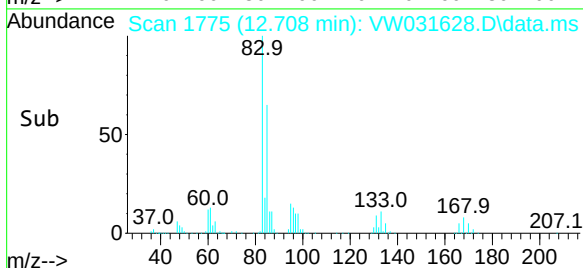
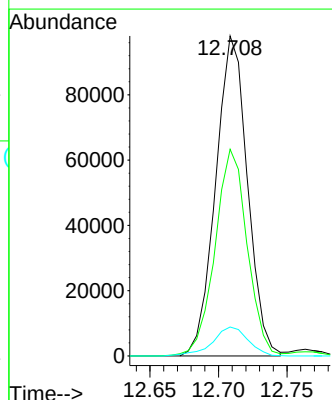
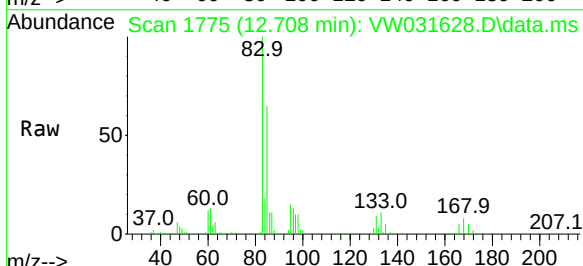
Tgt Ion: 83 Resp: 158097

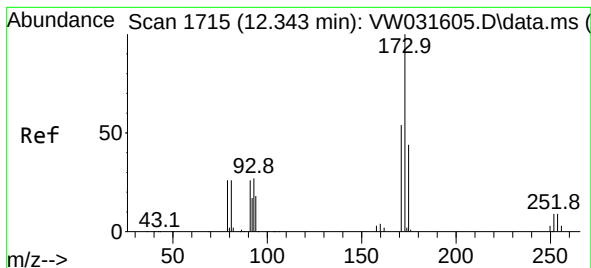
Ion Ratio Lower Upper

83 100

85 64.6 44.1 81.9

131 9.1 7.4 11.0





#59

Bromoform

Concen: 21.984 ug/L

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

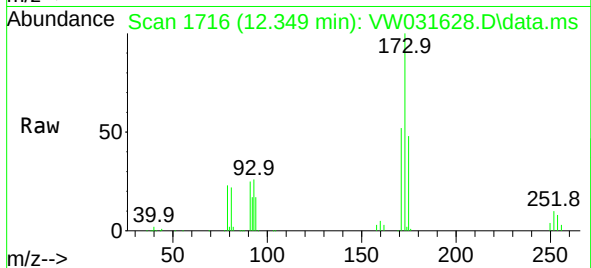
Lab File: VW031628.D

Acq: 28 Jan 2025 19:06

Instrument :

MSVOA_W

ClientSampleId :



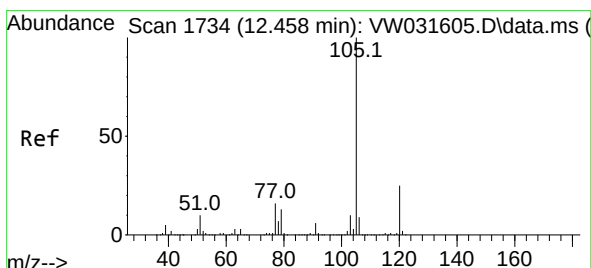
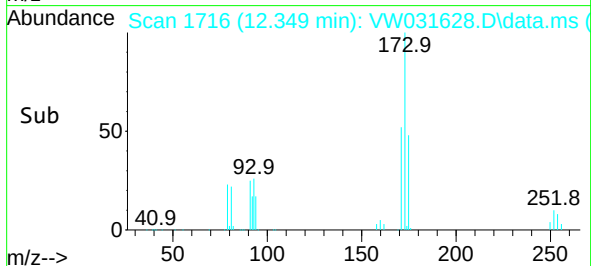
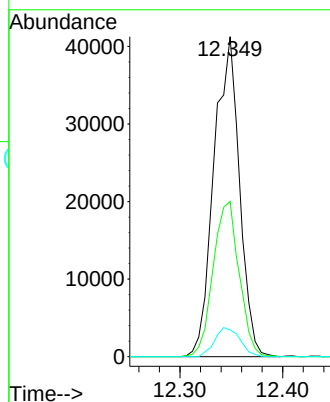
Tgt Ion:173 Resp: 70980

Ion Ratio Lower Upper

173 100

175 49.4 37.7 56.5

254 9.0 7.1 10.7



#60

Isopropylbenzene

Concen: 19.648 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW031628.D

Acq: 28 Jan 2025 19:06

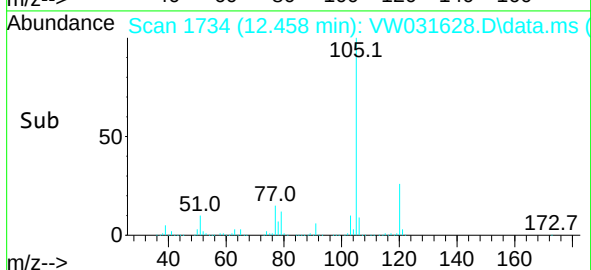
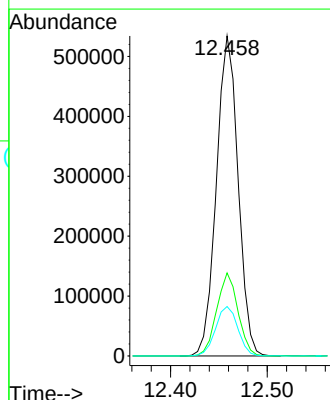
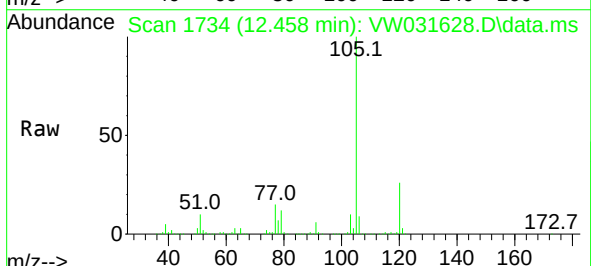
Tgt Ion:105 Resp: 831669

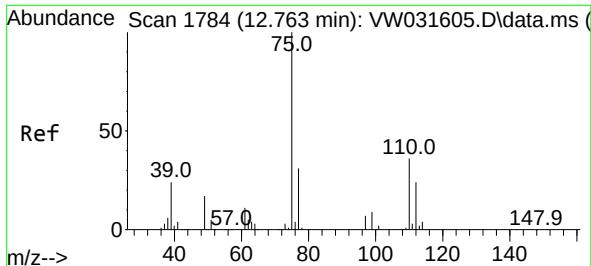
Ion Ratio Lower Upper

105 100

120 25.4 20.1 30.1

77 15.9 12.7 19.1





#61

1,2,3-Trichloropropane

Concen: 25.608 ug/L

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031628.D

Acq: 28 Jan 2025 19:06

Instrument :

MSVOA_W

ClientSampleId :

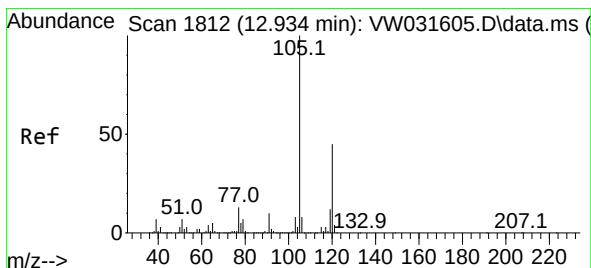
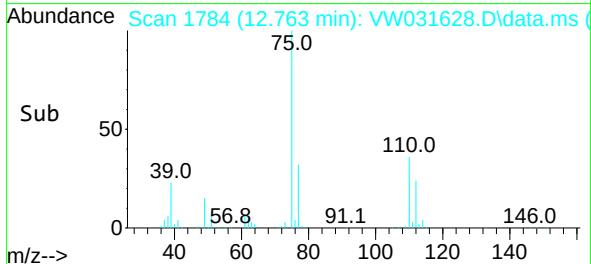
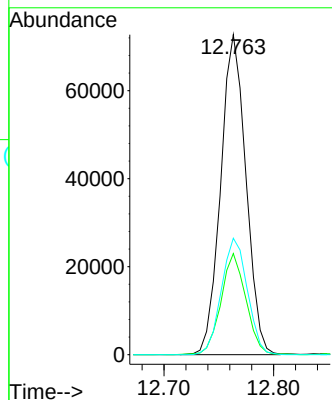
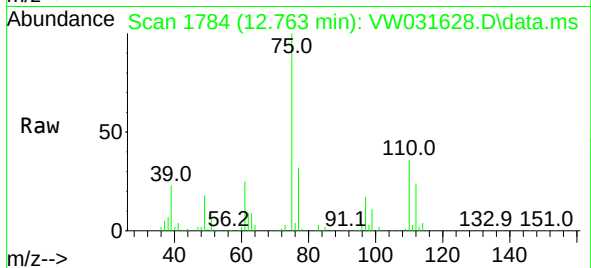
Tgt Ion: 75 Resp: 116522

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.2

110 37.3 29.6 44.4



#62

1,3,5-Trimethylbenzene

Concen: 19.786 ug/L

RT: 12.934 min Scan# 1812

Delta R.T. -0.006 min

Lab File: VW031628.D

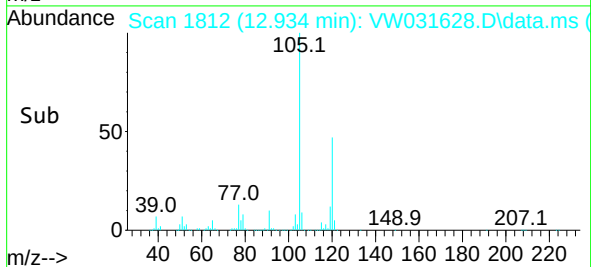
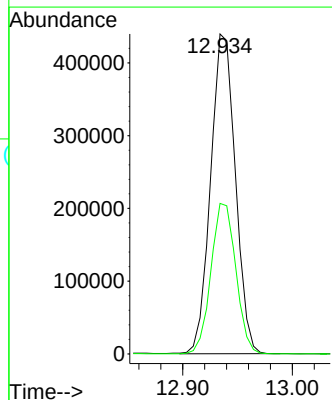
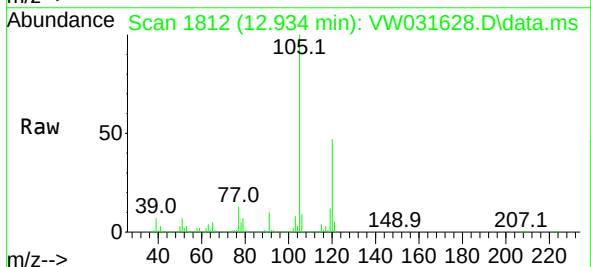
Acq: 28 Jan 2025 19:06

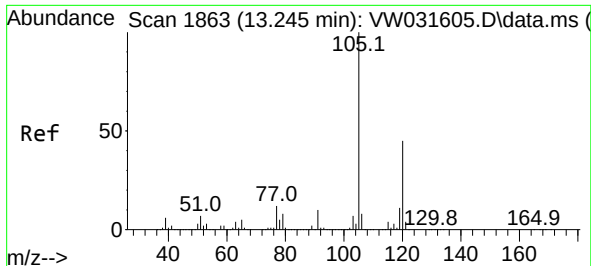
Tgt Ion:105 Resp: 689624

Ion Ratio Lower Upper

105 100

120 47.4 37.6 56.4

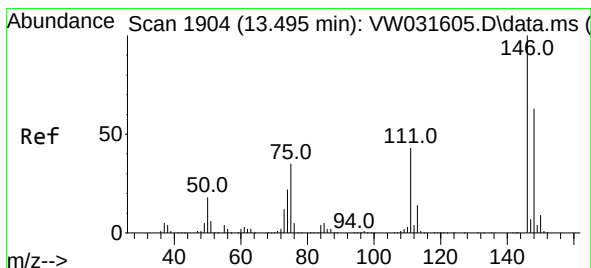
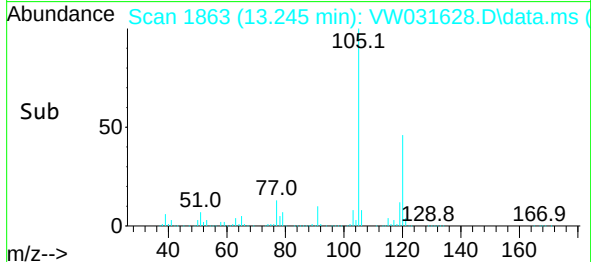
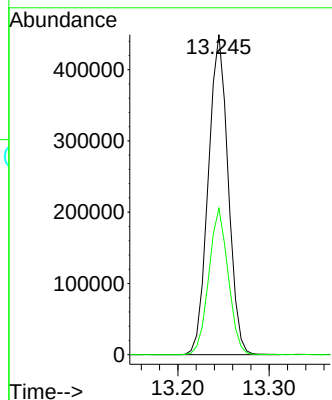
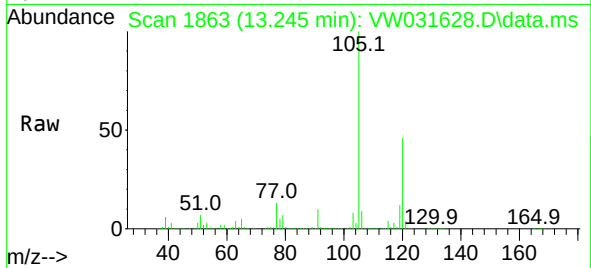




#63
1,2,4-Trimethylbenzene
Concen: 20.017 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

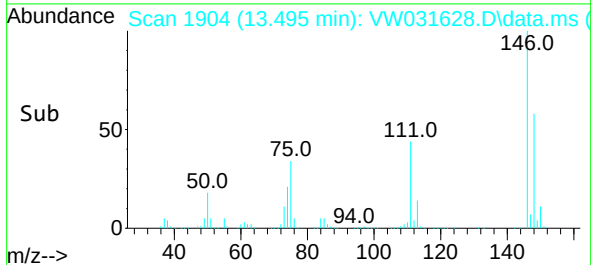
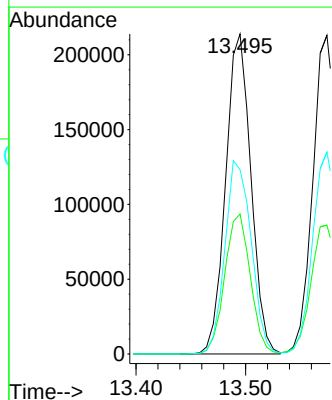
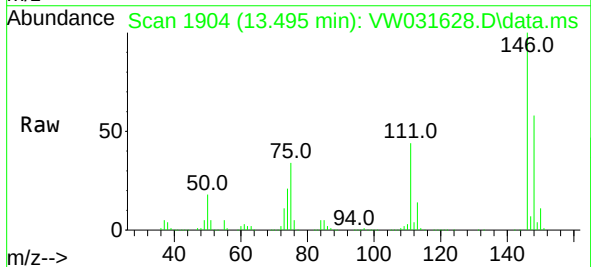
Instrument :
MSVOA_W
ClientSampleId :

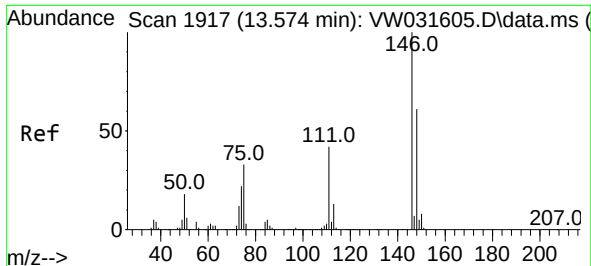
Tgt Ion:105 Resp: 679038
Ion Ratio Lower Upper
105 100
120 44.6 36.3 54.5



#64
1,3-Dichlorobenzene
Concen: 20.441 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

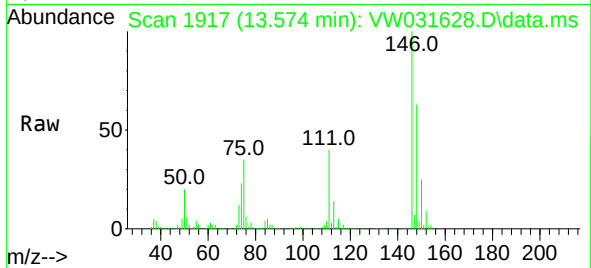
Tgt Ion:146 Resp: 343169
Ion Ratio Lower Upper
146 100
111 43.7 30.4 56.5
148 57.6 42.1 78.1



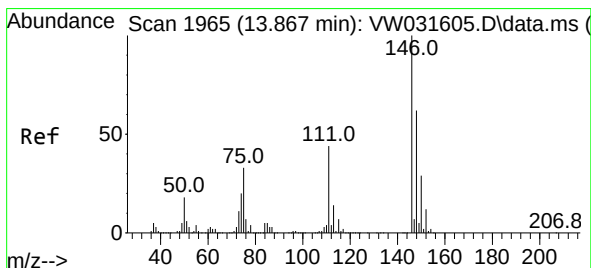
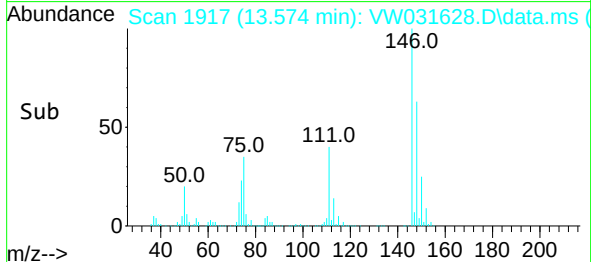
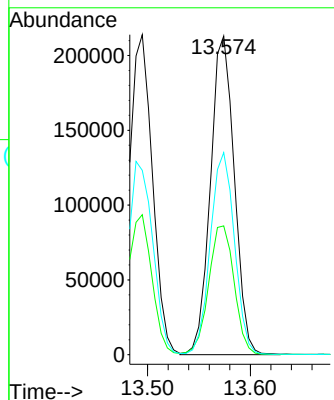


#65
1,4-Dichlorobenzene
Concen: 20.739 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

Instrument :
MSVOA_W
ClientSampleId :

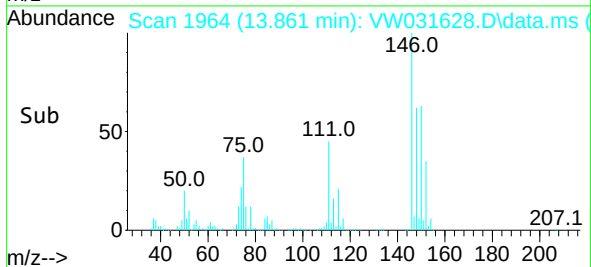
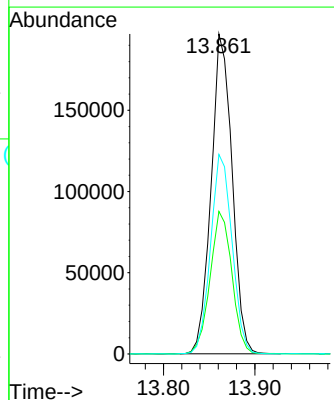
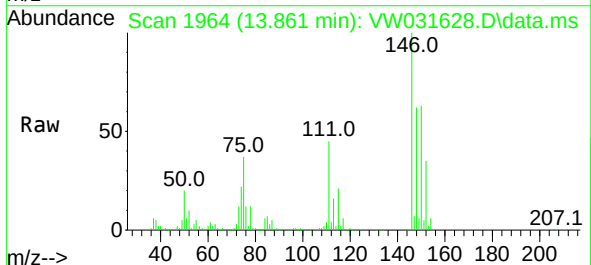


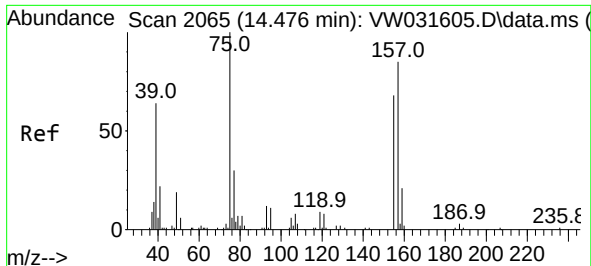
Tgt Ion:146 Resp: 344351
Ion Ratio Lower Upper
146 100
111 40.4 28.5 52.9
148 63.4 45.4 84.4



#67
1,2-Dichlorobenzene
Concen: 21.910 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

Tgt Ion:146 Resp: 314122
Ion Ratio Lower Upper
146 100
111 44.5 36.6 55.0
148 62.3 51.0 76.4

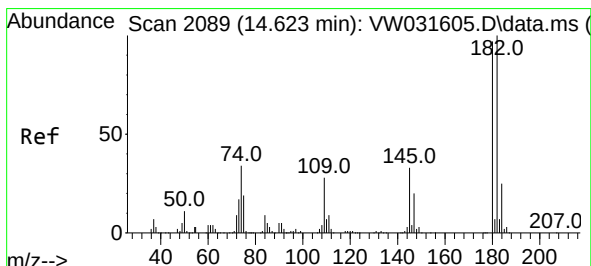
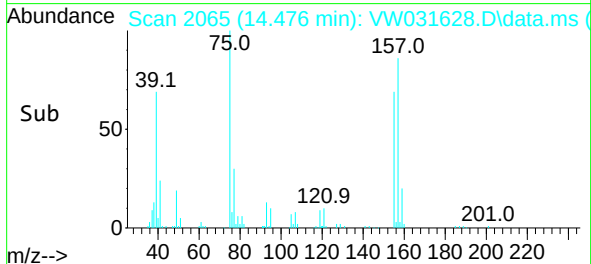
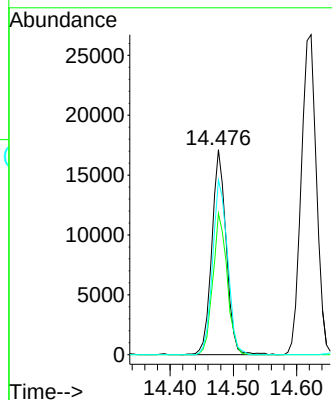
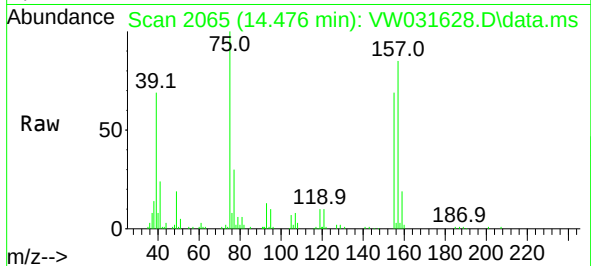




#68
1,2-Dibromo-3-chloropropane
Concen: 26.682 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

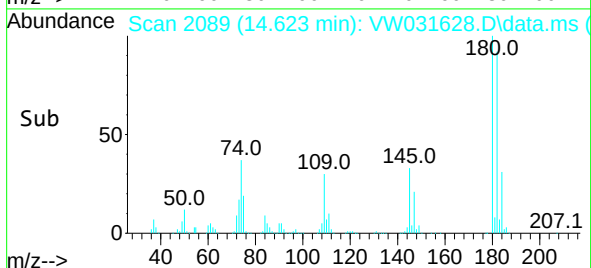
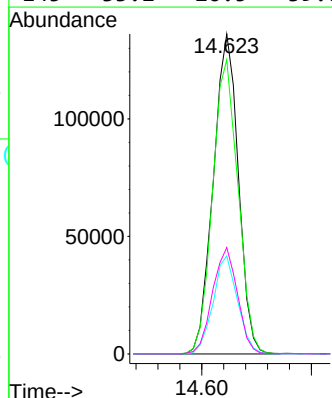
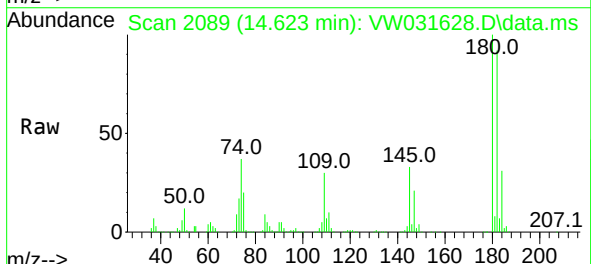
Instrument :
MSVOA_W
ClientSampleId :

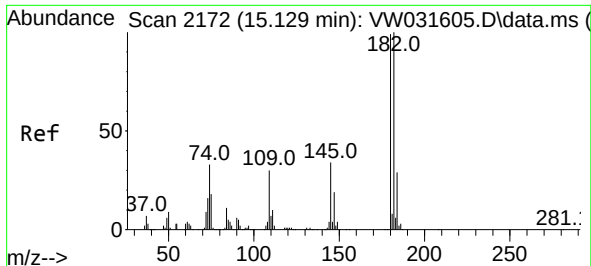
Tgt Ion: 75 Resp: 27143
Ion Ratio Lower Upper
75 100
155 69.0 51.0 76.4
157 85.3 70.2 105.2



#69
1,3,5-Trichlorobenzene
Concen: 18.992 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

Tgt Ion: 180 Resp: 216073
Ion Ratio Lower Upper
180 100
182 93.6 74.2 111.4
184 30.0 23.0 34.4
145 33.2 26.5 39.7

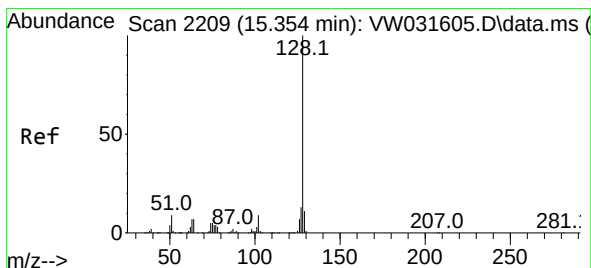
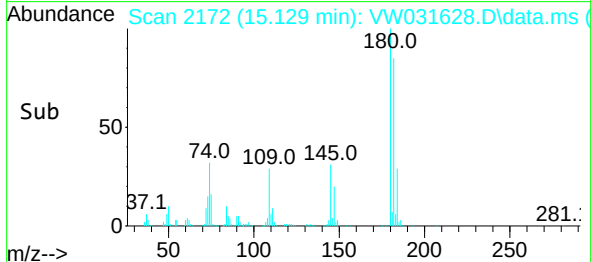
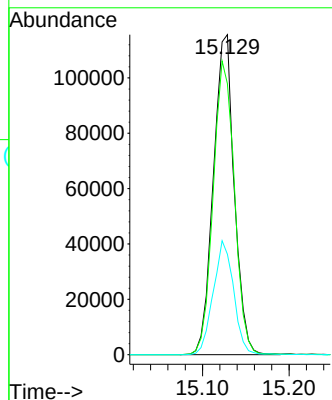
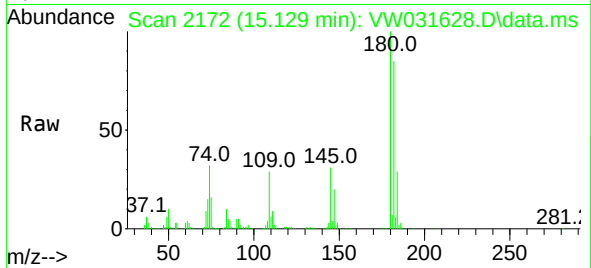




#70
1,2,4-trichlorobenzene
Concen: 21.383 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

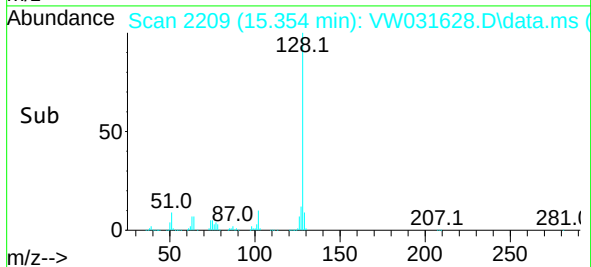
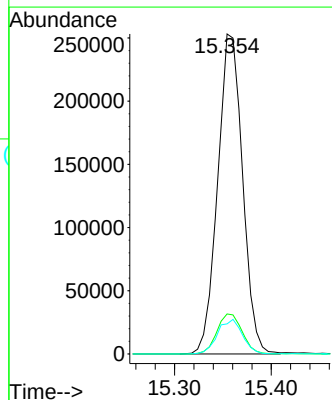
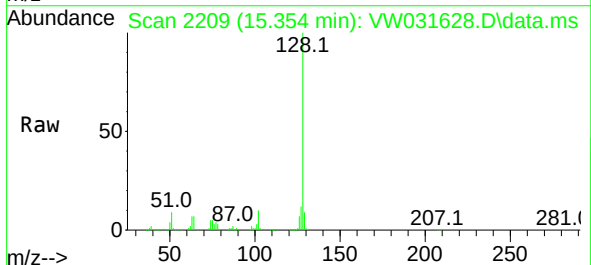
Instrument :
MSVOA_W
ClientSampleId :

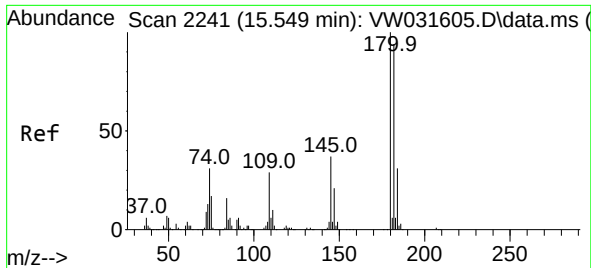
Tgt Ion:180 Resp: 193771
Ion Ratio Lower Upper
180 100
182 93.2 77.7 116.5
145 34.8 26.6 39.8



#71
Naphthalene
Concen: 26.608 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VW031628.D
Acq: 28 Jan 2025 19:06

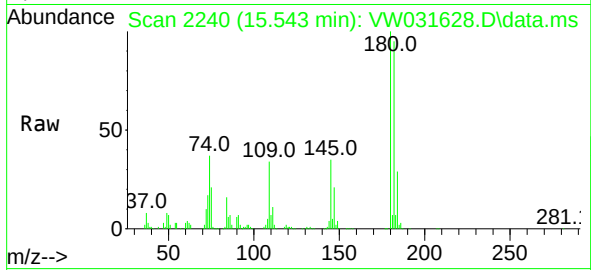
Tgt Ion:128 Resp: 452128
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.8 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 22.529 ug/L
 RT: 15.543 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031628.D
 Acq: 28 Jan 2025 19:06

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 171949
 Ion Ratio Lower Upper
 180 100
 182 98.3 76.9 115.3
 145 37.2 30.1 45.1

