

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031605.D
 Acq On : 28 Jan 2025 09:13
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 29 07:31:58 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	597535	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	516332	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	239923	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	182463	19.460	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.840%
7) Chloroethane-d5	2.899	69	148185	22.130	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.520%
11) 1,1-Dichloroethene-d2	4.015	65	96890	23.225	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.880%
21) 2-Butanone-d5	7.087	46	94276	62.548	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.100%
24) Chloroform-d	7.642	84	425509	27.516	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.080%
26) 1,2-Dichloroethane-d4	8.301	65	214014	28.118	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.480%
32) Benzene-d6	8.270	84	851838	26.265	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.040%
36) 1,2-Dichloropropane-d6	9.270	67	258000	26.942	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.760%
41) Toluene-d8	10.319	98	767371	26.210	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.840%
43) trans-1,3-Dichloroprop...	10.575	79	106681	27.129	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.520%
47) 2-Hexanone-d5	10.922	63	64989	66.503	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	182908	31.234	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.920%#
66) 1,2-Dichlorobenzene-d4	13.848	152	232753	27.659	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	154166	19.836	ug/L	98
3) Chloromethane	2.216	50	151295	18.782	ug/L	98
5) Vinyl chloride	2.369	62	214679	20.894	ug/L	97
6) Bromomethane	2.789	94	123773	20.610	ug/L	97
8) Chloroethane	2.930	64	126474	20.940	ug/L	97
9) Trichlorofluoromethane	3.265	101	199319	19.526	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	186865	23.908	ug/L	95
12) 1,1-Dichloroethene	4.039	96	182053	22.896	ug/L	96
14) Carbon disulfide	4.387	76	544391	20.326	ug/L	99
15) Methyl Acetate	4.685	43	76631	25.216	ug/L #	75
16) Methylene chloride	4.911	84	185454	22.789	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	195740	22.921	ug/L	98
18) Methyl tert-butyl Ether	5.417	73	338504	24.719	ug/L	99
19) 1,1-Dichloroethane	6.216	63	387627	24.125	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	215547	23.639	ug/L	96
22) 2-Butanone	7.179	43	92202	46.539	ug/L	98
23) Bromochloromethane	7.514	128	89117	24.957	ug/L	97
25) Chloroform	7.673	83	372984	24.406	ug/L	99
27) 1,2-Dichloroethane	8.398	62	235451	25.014	ug/L	99

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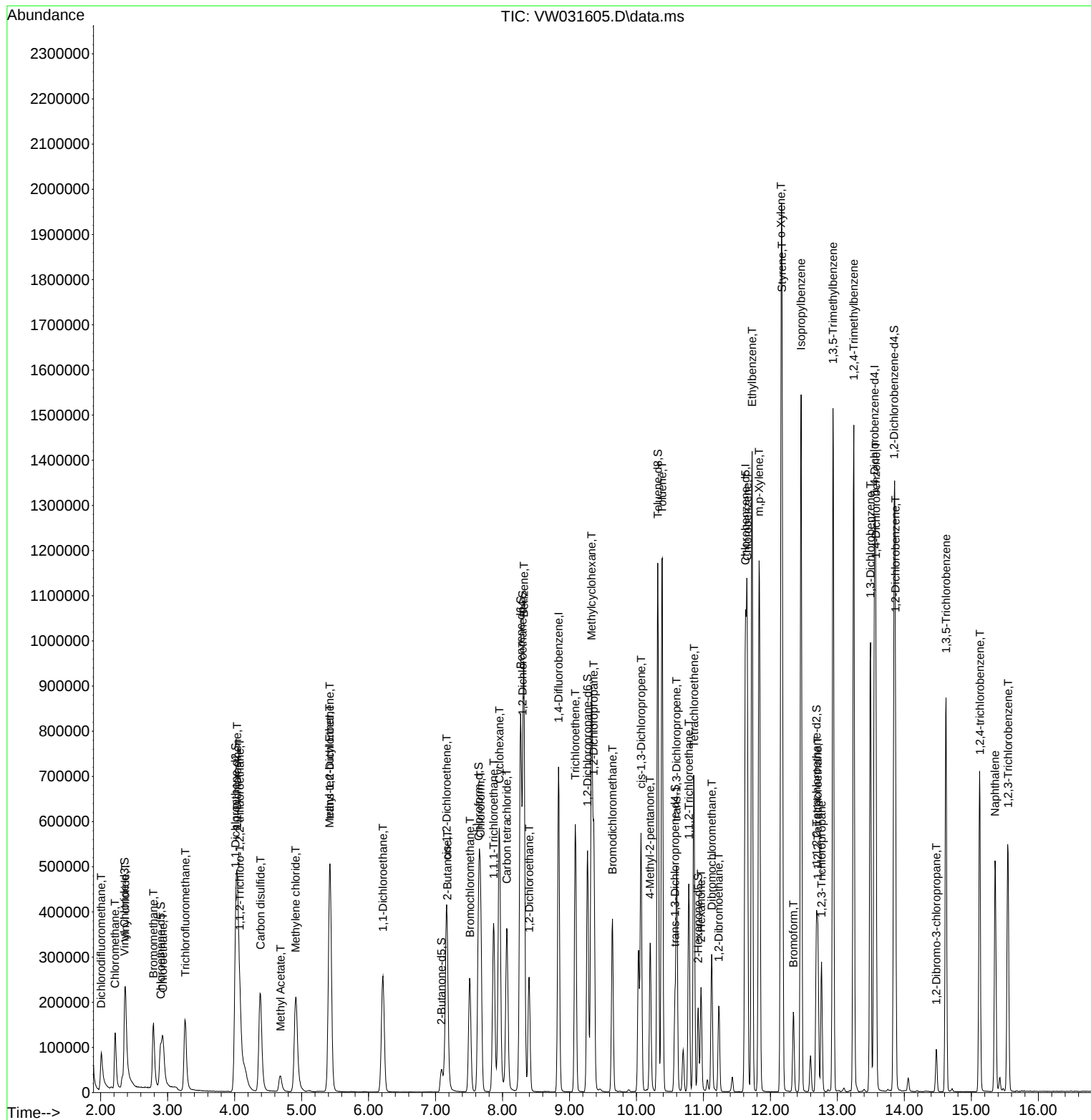
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	367516	22.208	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	311418	23.234	ug/L	98
31) Carbon tetrachloride	8.063	117	279948	23.557	ug/L	97
33) Benzene	8.319	78	840332	23.780	ug/L	100
34) Trichloroethene	9.087	95	216930	22.833	ug/L	96
35) Methylcyclohexane	9.331	83	374691	21.997	ug/L	99
37) 1,2-Dichloropropane	9.361	63	217340	24.470	ug/L	99
38) Bromodichloromethane	9.642	83	257757	23.992	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	344836	24.681	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	223708	50.461	ug/L	99
42) Toluene	10.386	91	874998	23.687	ug/L	100
44) trans-1,3-Dichloropropene	10.599	75	278309	24.920	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	145076	25.483	ug/L	96
46) Tetrachloroethene	10.861	164	150357	22.054	ug/L	95
48) 2-Hexanone	10.965	43	146706	54.151	ug/L	100
49) Dibromochloromethane	11.123	129	156717	25.019	ug/L	98
50) 1,2-Dibromoethane	11.227	107	136050	25.785	ug/L	98
51) Chlorobenzene	11.654	112	548782	24.059	ug/L	99
52) Ethylbenzene	11.727	91	1009736	23.823	ug/L	98
53) m,p-Xylene	11.830	106	376724	23.311	ug/L	99
54) o-Xylene	12.160	106	361764	24.087	ug/L	93
55) Styrene	12.172	104	611653	24.475	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	162836	26.030	ug/L	97
59) Bromoform	12.343	173	80773	25.266	ug/L	99
60) Isopropylbenzene	12.458	105	996391	23.773	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	121911	27.058	ug/L	98
62) 1,3,5-Trimethylbenzene	12.934	105	816325	23.654	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	792888	23.605	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	392039	23.583	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	390539	23.754	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	343509	24.198	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	26334	26.143	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	249796	22.174	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	204300	22.769	ug/L	98
71) Naphthalene	15.354	128	434744	25.839	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	178020	23.556	ug/L	97

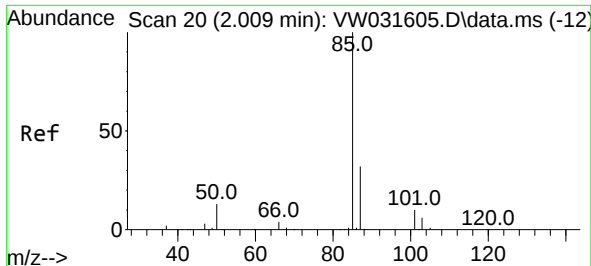
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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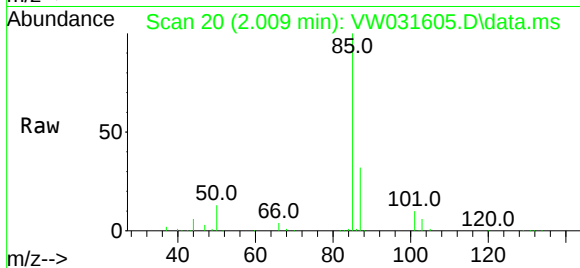
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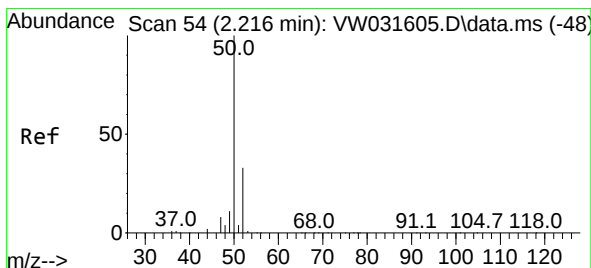
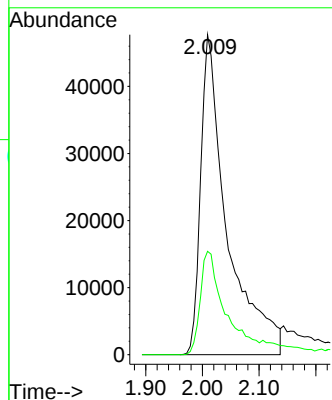
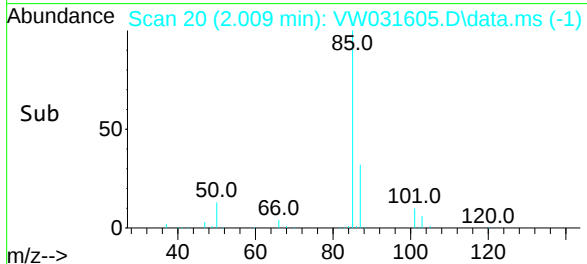


#2
 Dichlorodifluoromethane
 Concen: 19.836 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW031605.D
 Acq: 28 Jan 2025 09:13

Instrument :
 MSVOA_W
 ClientSampleId :

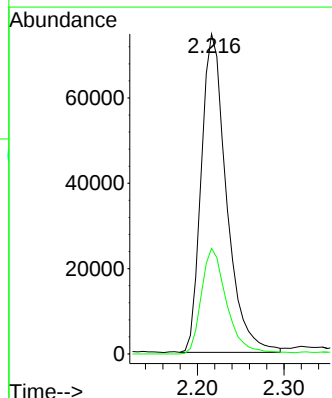
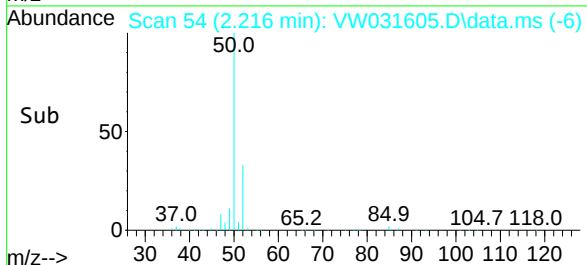
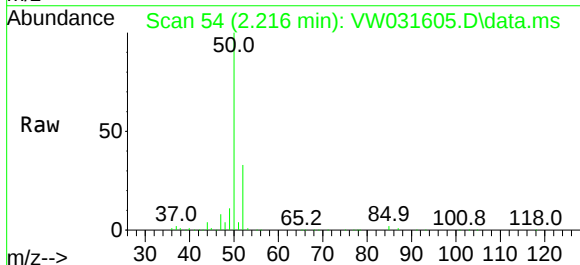


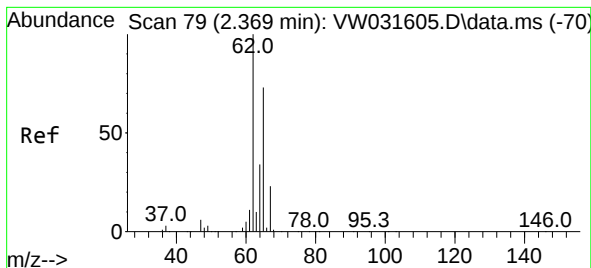
Tgt Ion: 85 Resp: 154166
 Ion Ratio Lower Upper
 85 100
 87 30.3 25.0 37.4



#3
 Chloromethane
 Concen: 18.782 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW031605.D
 Acq: 28 Jan 2025 09:13

Tgt Ion: 50 Resp: 151295
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.3 41.3





#5

Vinyl chloride

Concen: 20.894 ug/L

RT: 2.369 min Scan# 79

Delta R.T. -0.000 min

Lab File: VW031605.D

Acq: 28 Jan 2025 09:13

Instrument :

MSVOA_W

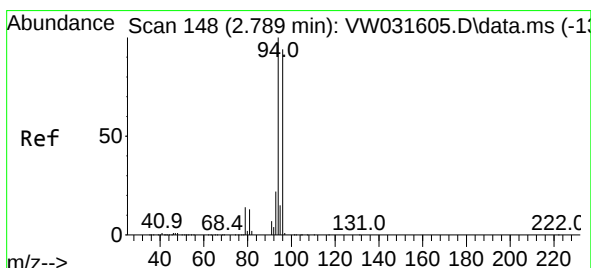
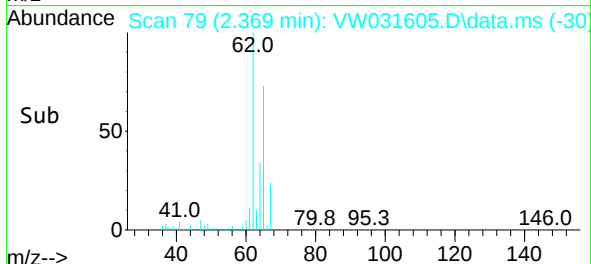
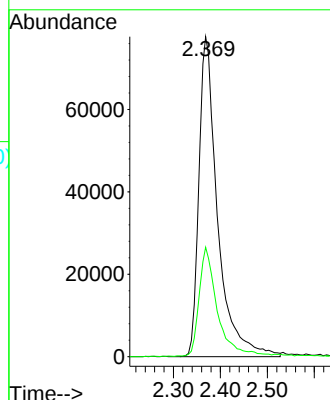
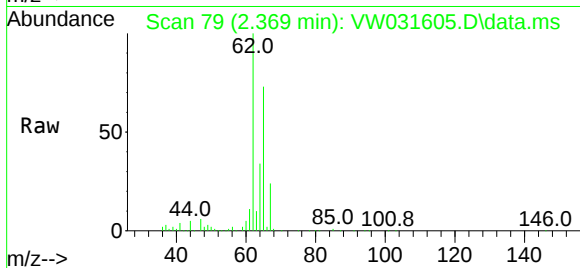
ClientSampleId :

Tgt Ion: 62 Resp: 214679

Ion Ratio Lower Upper

62 100

64 34.2 22.7 42.3



#6

Bromomethane

Concen: 20.610 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW031605.D

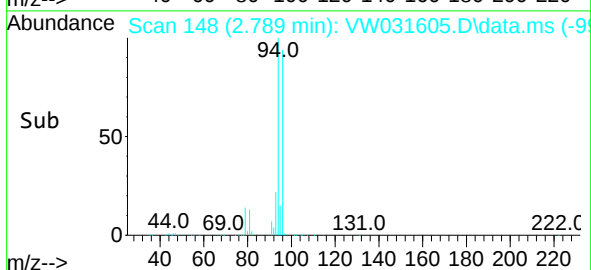
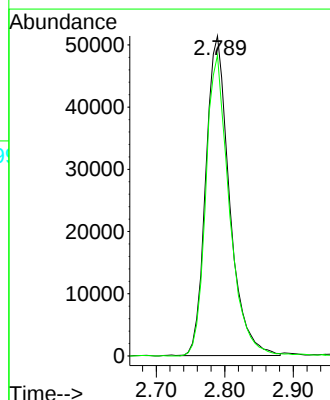
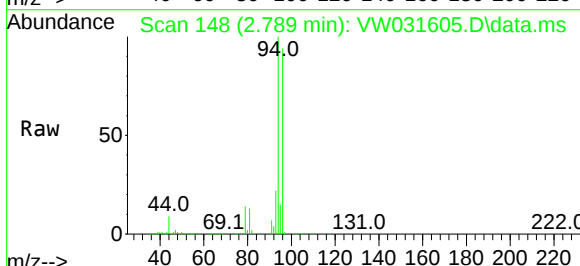
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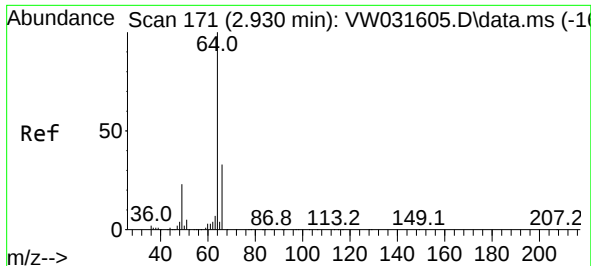
Tgt Ion: 94 Resp: 123773

Ion Ratio Lower Upper

94 100

96 94.0 67.6 125.6

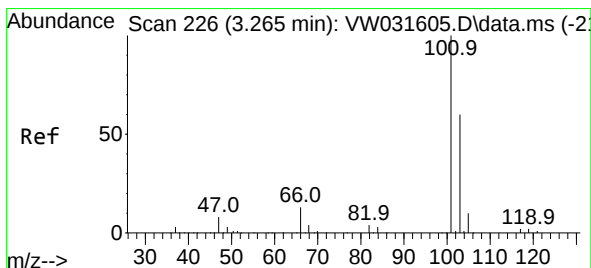
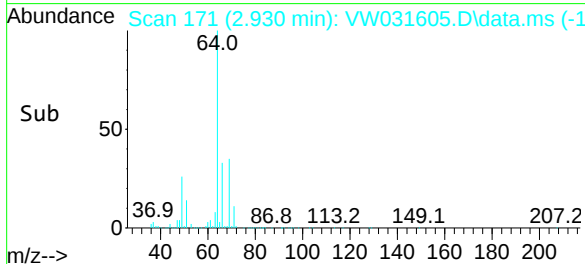
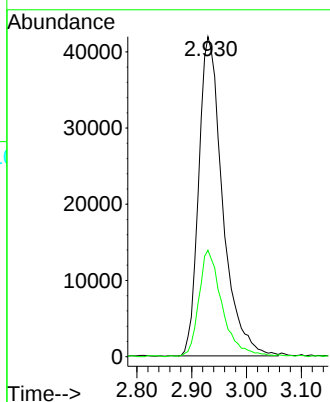
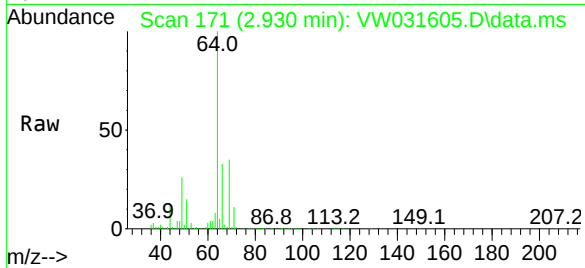




#8
Chloroethane
Concen: 20.940 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

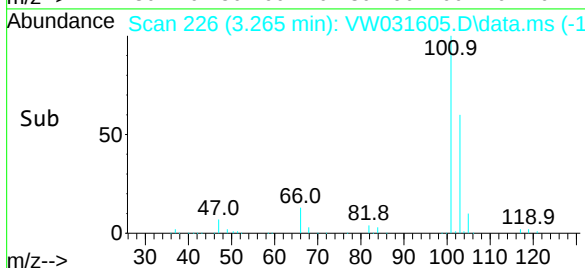
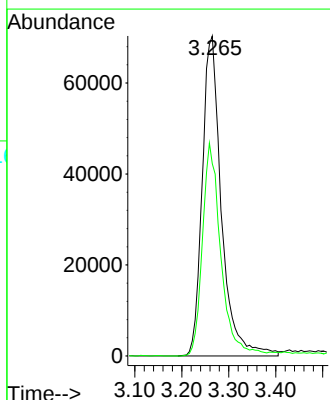
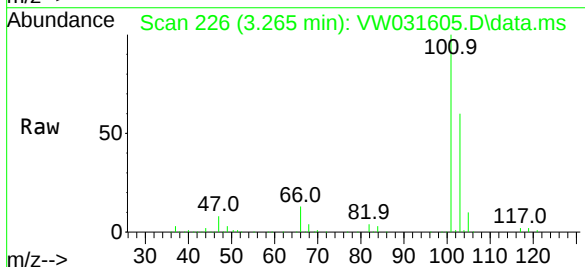
Instrument :
MSVOA_W
ClientSampleId :

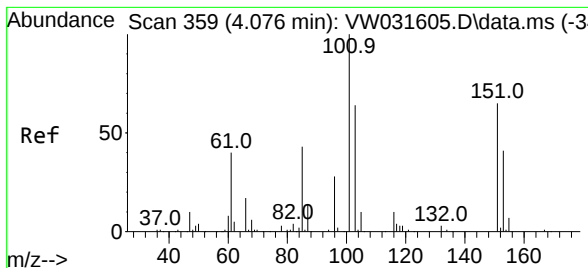
Tgt Ion: 64 Resp: 126474
Ion Ratio Lower Upper
64 100
66 33.3 22.3 41.3



#9
Trichlorofluoromethane
Concen: 19.526 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

Tgt Ion: 101 Resp: 199319
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2





#10

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

Concen: 23.908 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW031605.D

Acq: 28 Jan 2025 09:13

Instrument :

MSVOA_W

ClientSampleId :

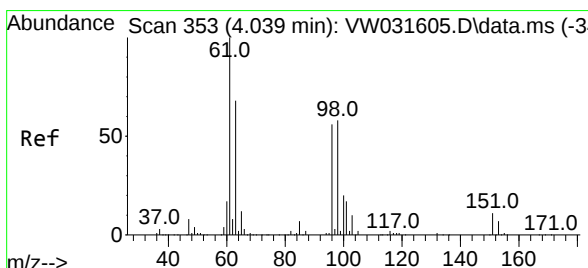
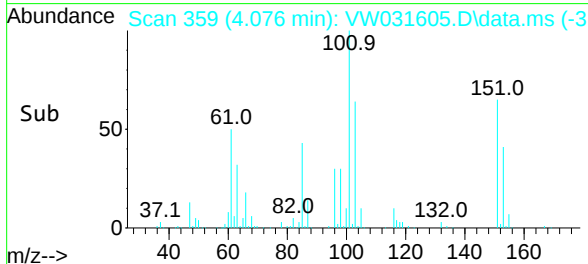
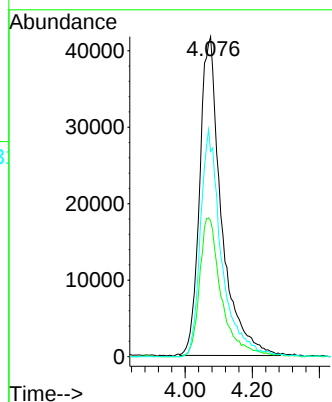
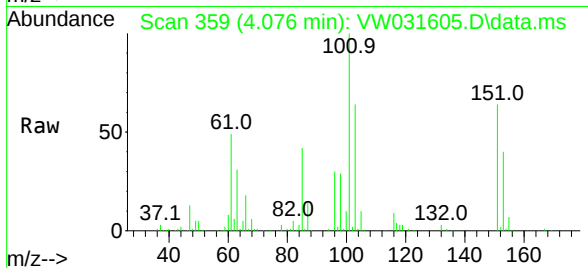
Tgt Ion:101 Resp: 186865

Ion Ratio Lower Upper

101 100

85 41.5 36.1 54.1

151 67.8 56.9 85.3



#12

1,1-Dichloroethene

Concen: 22.896 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.000 min

Lab File: VW031605.D

Acq: 28 Jan 2025 09:13

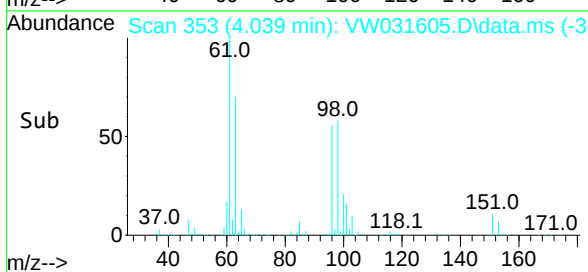
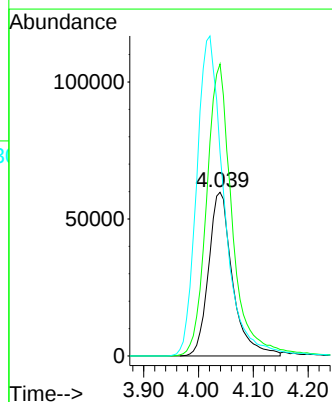
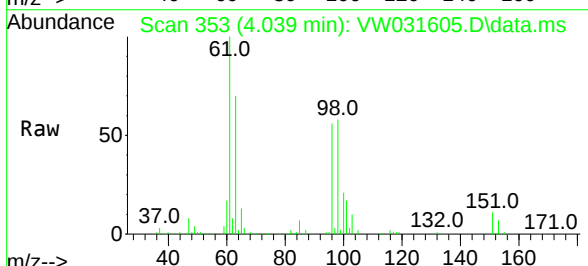
Tgt Ion: 96 Resp: 182053

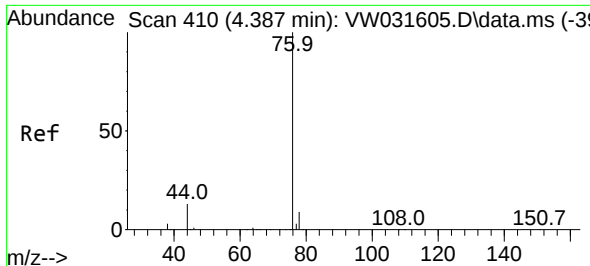
Ion Ratio Lower Upper

96 100

61 178.5 123.8 230.0

63 124.4 94.1 174.8

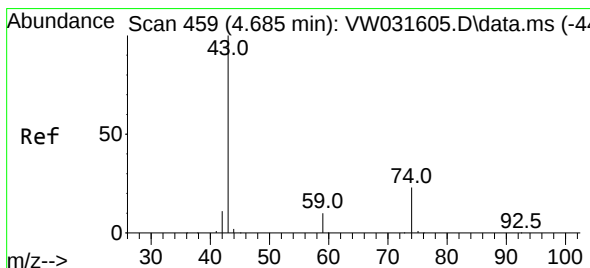
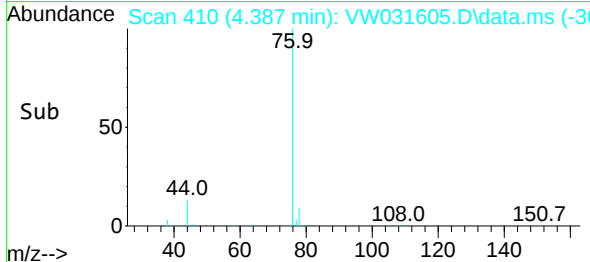
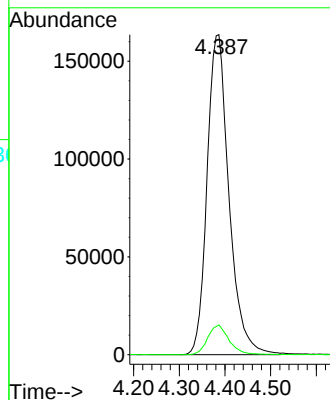
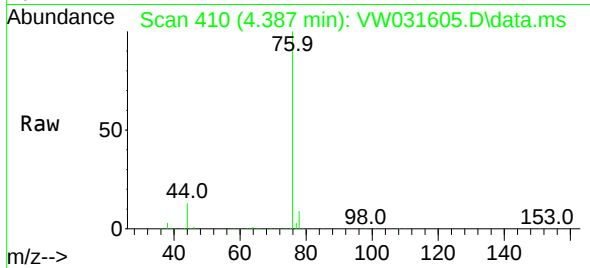




#14
Carbon disulfide
Concen: 20.326 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

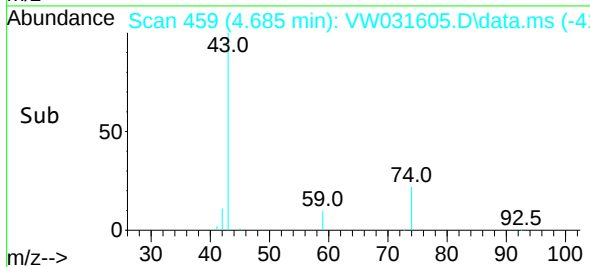
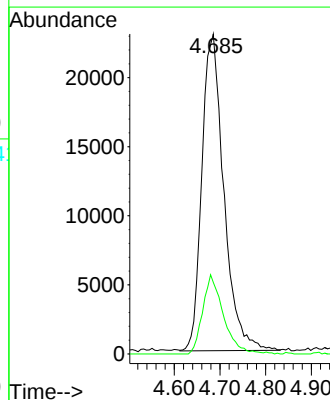
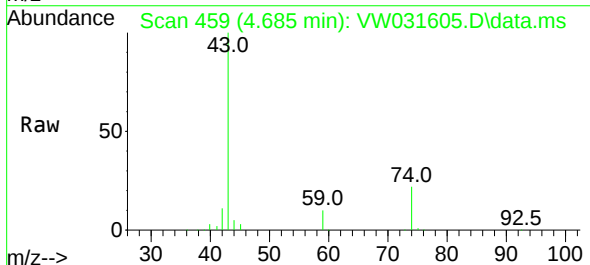
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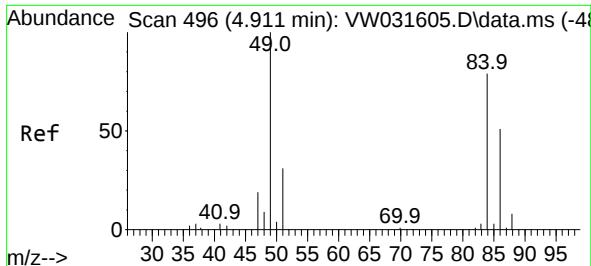
Tgt Ion: 76 Resp: 544391
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#15
Methyl Acetate
Concen: 25.216 ug/L
RT: 4.685 min Scan# 459
Delta R.T. -0.000 min
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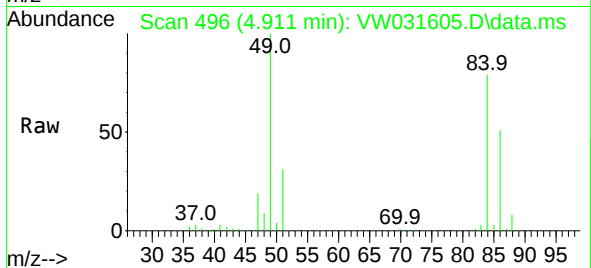
Tgt Ion: 43 Resp: 76631
Ion Ratio Lower Upper
43 100
74 23.1 10.6 15.8#





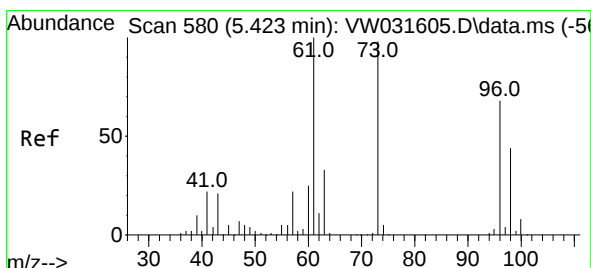
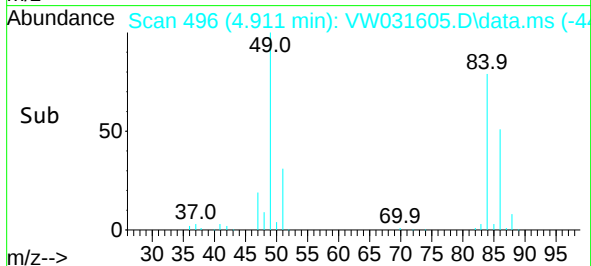
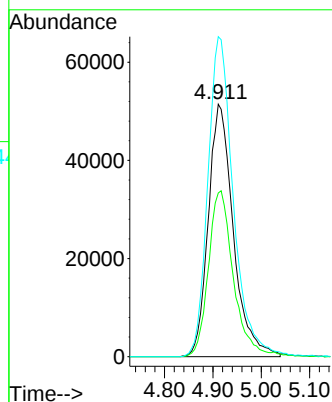
#16
Methylene chloride
Concen: 22.789 ug/L
RT: 4.911 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 84 Resp: 185454

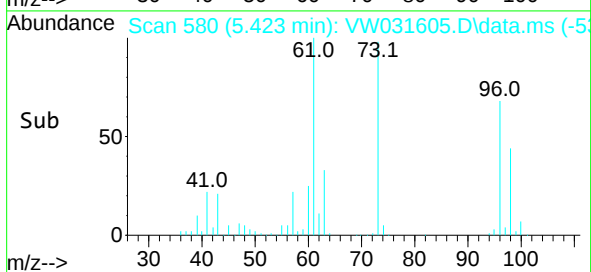
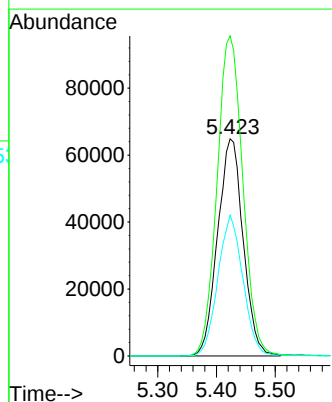
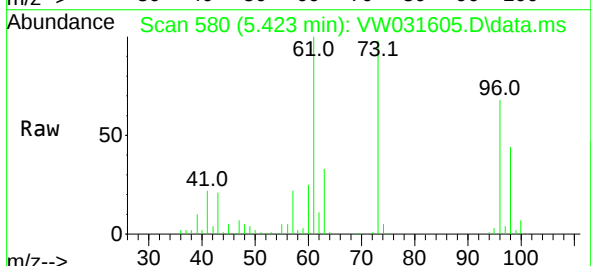
Ion	Ratio	Lower	Upper
84	100		
86	64.8	47.0	87.2
49	126.7	89.8	166.8

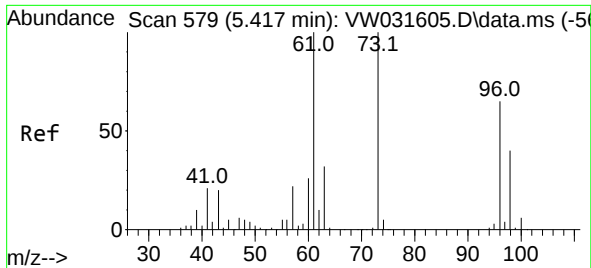


#17
trans-1,2-Dichloroethene
Concen: 22.921 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

Tgt Ion: 96 Resp: 195740

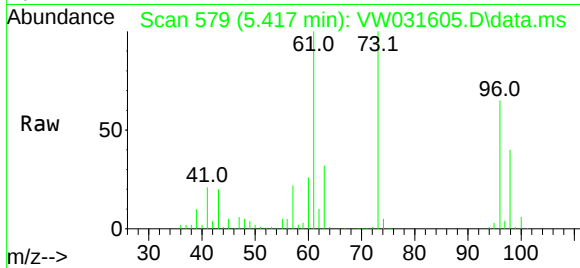
Ion	Ratio	Lower	Upper
96	100		
61	147.4	105.1	195.1
98	64.8	44.9	83.3





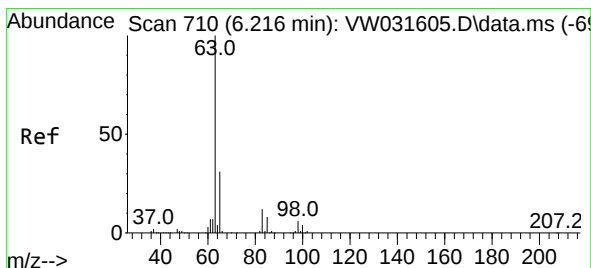
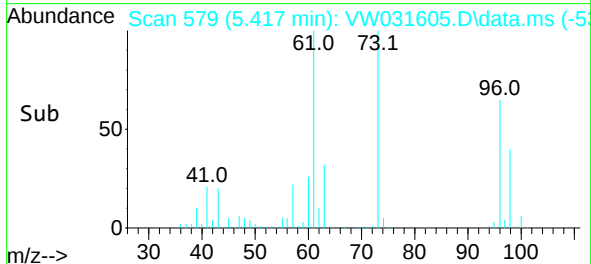
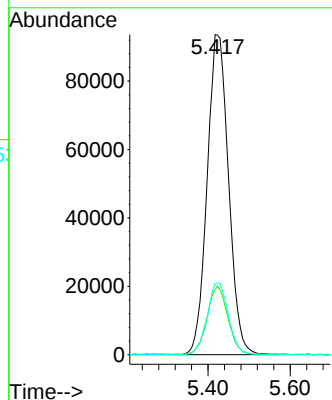
#18
Methyl tert-butyl Ether
Concen: 24.719 ug/L
RT: 5.417 min Scan# 579
Delta R.T. -0.012 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 73 Resp: 338504

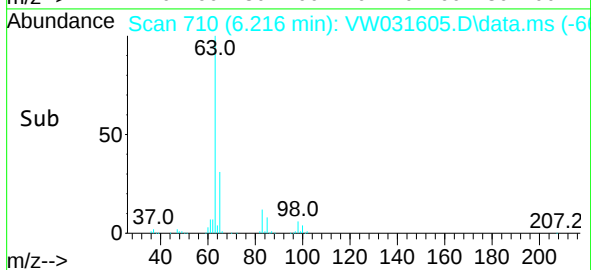
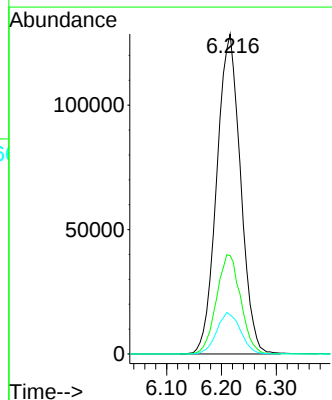
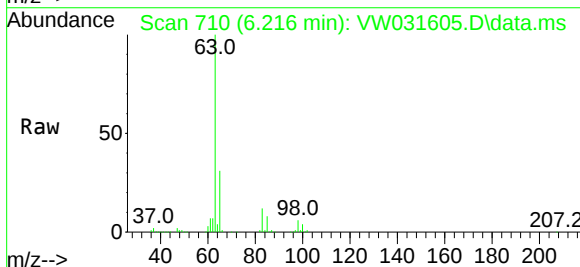
Ion	Ratio	Lower	Upper
73	100		
43	20.6	16.4	24.6
57	22.2	18.2	27.2

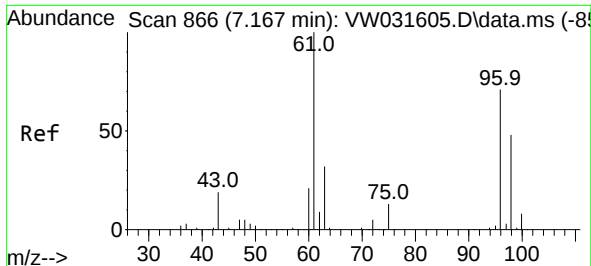


#19
1,1-Dichloroethane
Concen: 24.125 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

Tgt Ion: 63 Resp: 387627

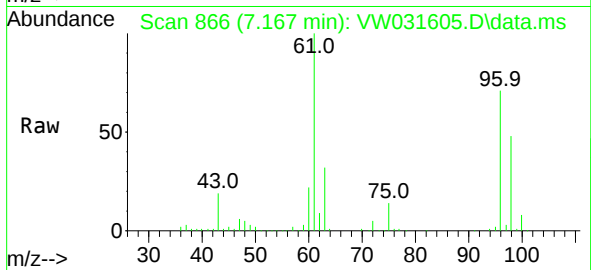
Ion	Ratio	Lower	Upper
63	100		
65	30.8	22.0	41.0
83	12.3	9.0	16.6





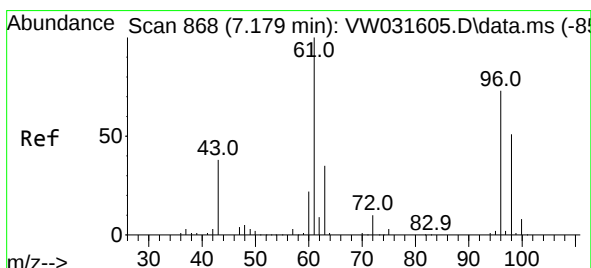
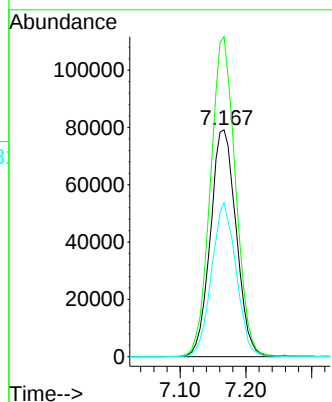
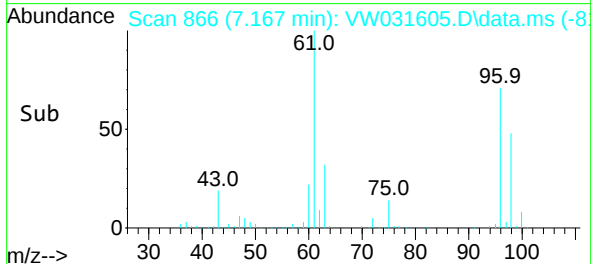
#20
 cis-1,2-Dichloroethene
 Concen: 23.639 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW031605.D
 Acq: 28 Jan 2025 09:13

Instrument :
 MSVOA_W
 ClientSampleId :

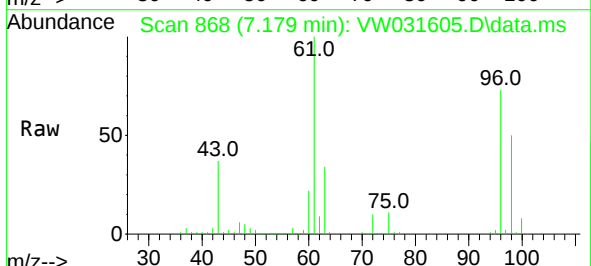


Tgt Ion: 96 Resp: 215547

Ion	Ratio	Lower	Upper
96	100		
61	141.1	94.8	176.2
98	67.8	45.6	84.8

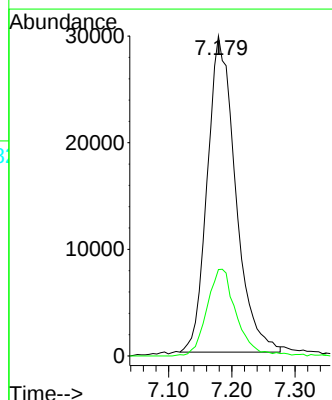
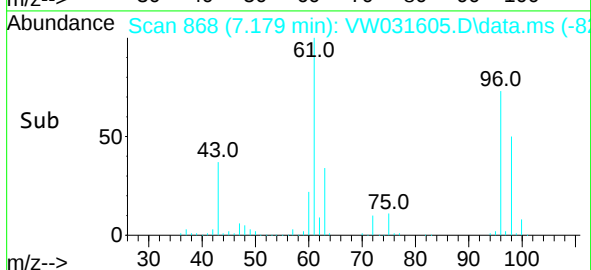


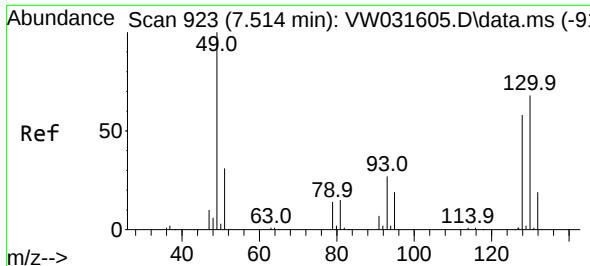
#22
 2-Butanone
 Concen: 46.539 ug/L
 RT: 7.179 min Scan# 868
 Delta R.T. -0.006 min
 Lab File: VW031605.D
 Acq: 28 Jan 2025 09:13



Tgt Ion: 43 Resp: 92202

Ion	Ratio	Lower	Upper
43	100		
72	27.1	13.2	39.5

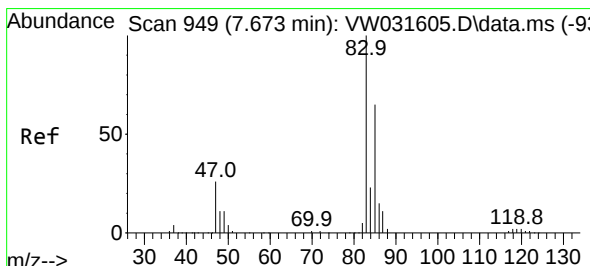
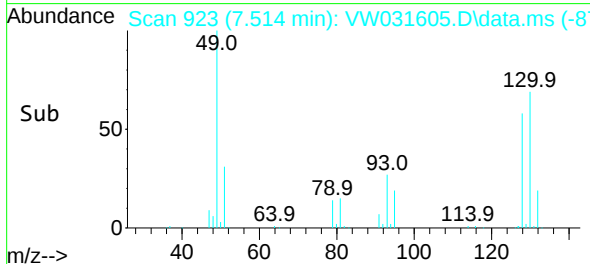
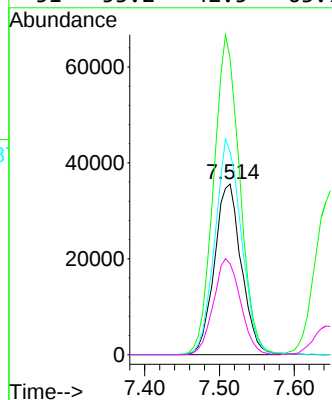
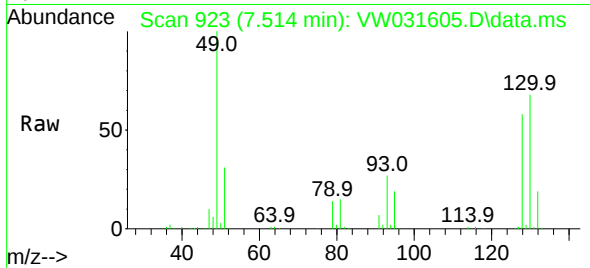




#23
Bromochloromethane
Concen: 24.957 ug/L
RT: 7.514 min Scan# 911
Delta R.T. -0.000 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

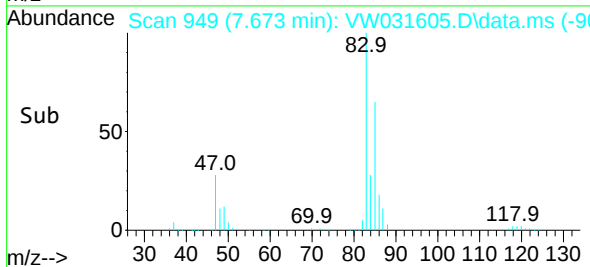
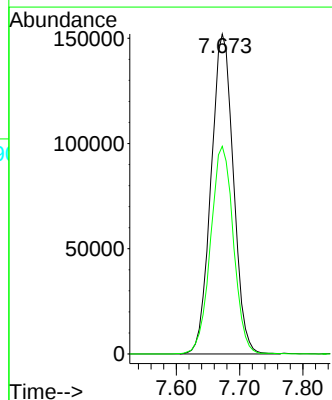
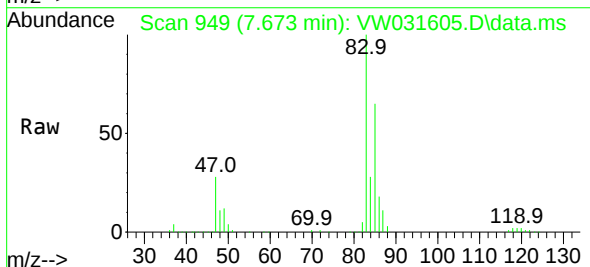
Instrument :
MSVOA_W
ClientSampleId :

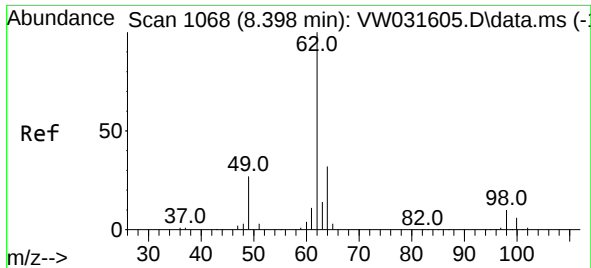
Tgt Ion:128 Resp: 89117
Ion Ratio Lower Upper
128 100
49 173.6 123.9 230.1
130 118.6 88.1 163.7
51 53.2 42.5 63.7



#25
Chloroform
Concen: 24.406 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

Tgt Ion: 83 Resp: 372984
Ion Ratio Lower Upper
83 100
85 64.9 46.2 85.8





#27

1,2-Dichloroethane

Concen: 25.014 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031605.D

Acq: 28 Jan 2025 09:13

Instrument :

MSVOA_W

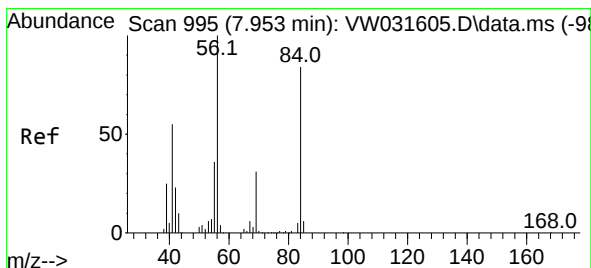
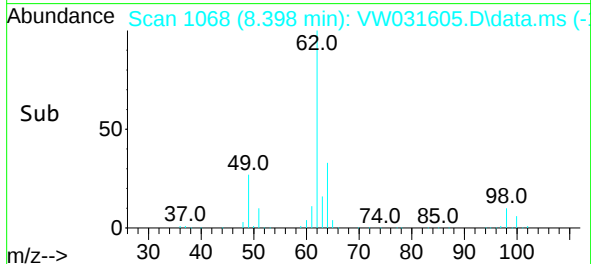
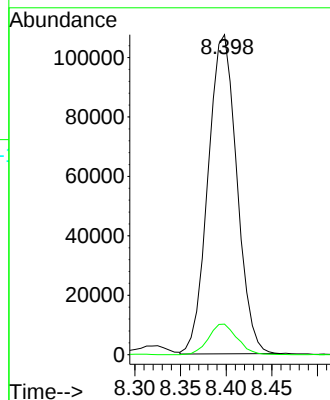
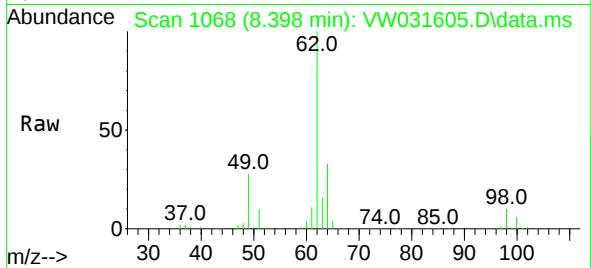
ClientSampleId :

Tgt Ion: 62 Resp: 235451

Ion Ratio Lower Upper

62 100

98 9.6 7.3 10.9



#29

Cyclohexane

Concen: 22.208 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW031605.D

Acq: 28 Jan 2025 09:13

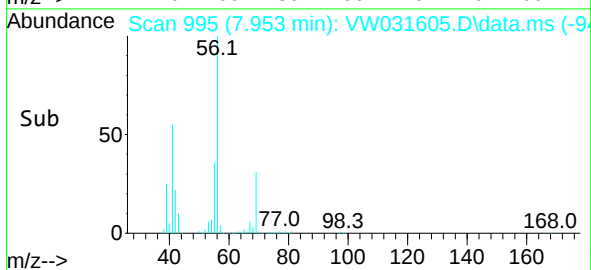
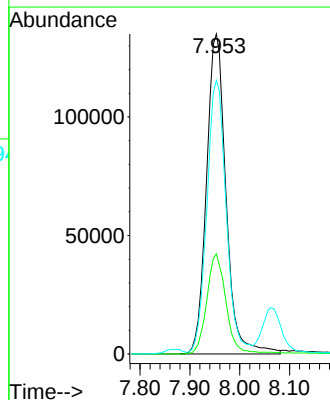
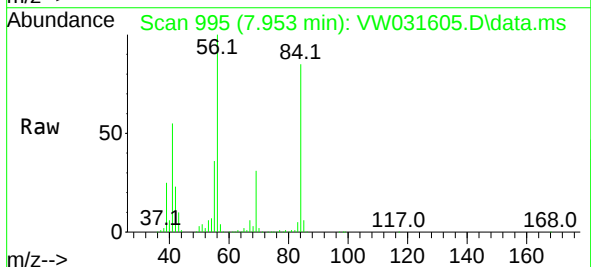
Tgt Ion: 56 Resp: 367516

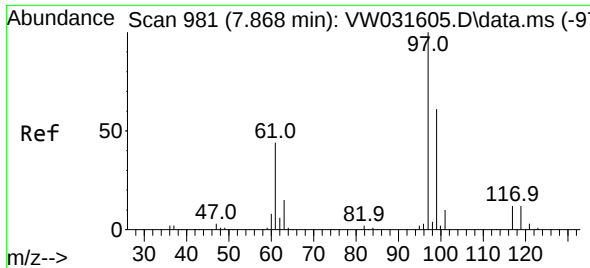
Ion Ratio Lower Upper

56 100

69 30.3 25.2 37.8

84 84.5 66.3 99.5



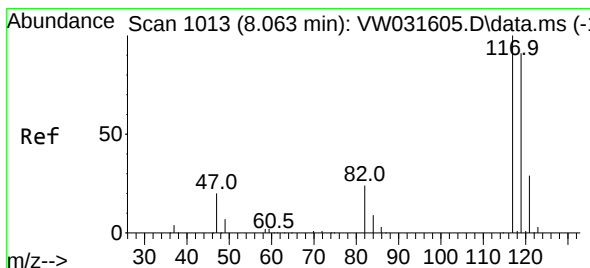
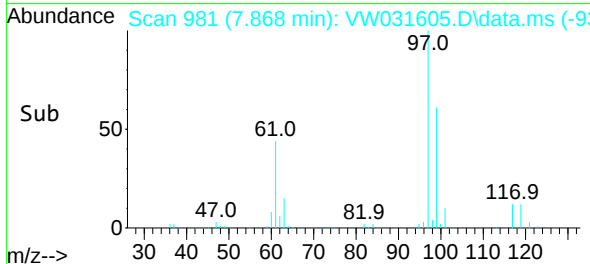
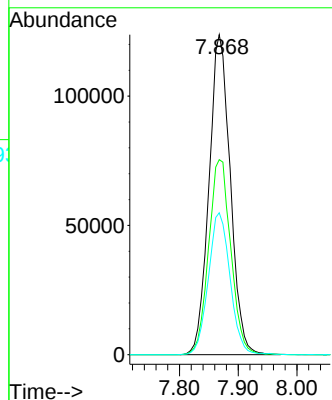
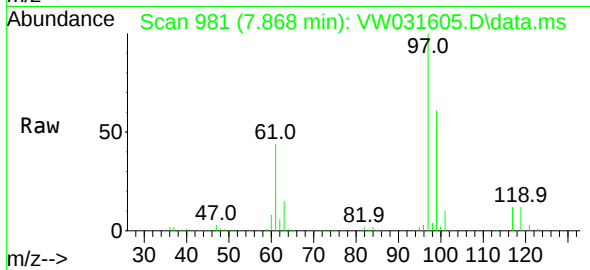


#30
 1,1,1-Trichloroethane
 Concen: 23.234 ug/L
 RT: 7.868 min Scan# 981
 Delta R.T. -0.006 min
 Lab File: VW031605.D
 Acq: 28 Jan 2025 09:13

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 97 Resp: 311418

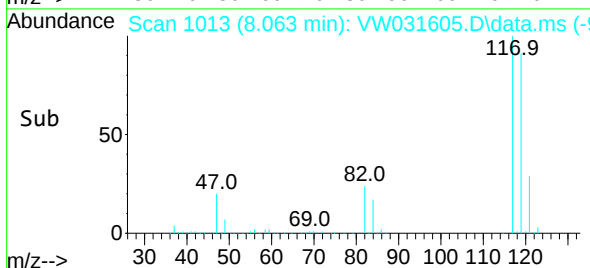
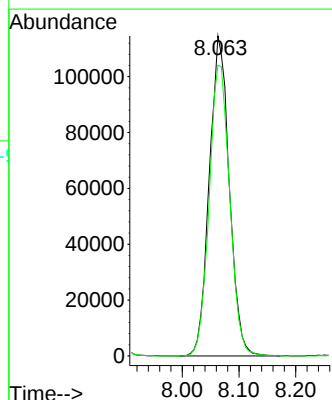
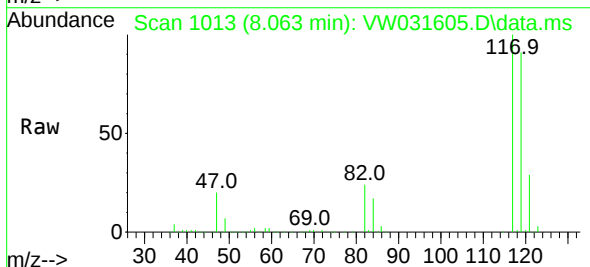
Ion	Ratio	Lower	Upper
97	100		
99	63.4	52.2	78.4
61	45.4	36.9	55.3

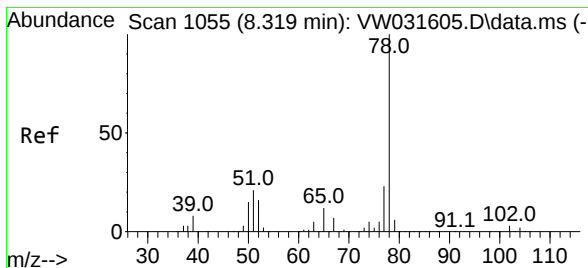


#31
 Carbon tetrachloride
 Concen: 23.557 ug/L
 RT: 8.063 min Scan# 1013
 Delta R.T. -0.006 min
 Lab File: VW031605.D
 Acq: 28 Jan 2025 09:13

Tgt Ion: 117 Resp: 279948

Ion	Ratio	Lower	Upper
117	100		
119	93.6	77.4	116.0





#33

Benzene

Concen: 23.780 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW031605.D

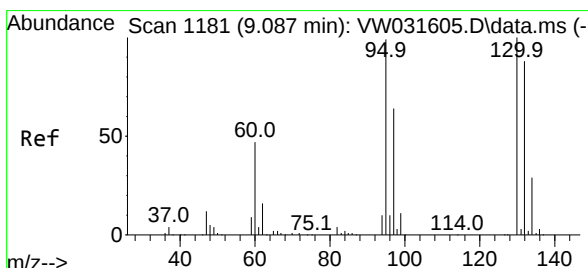
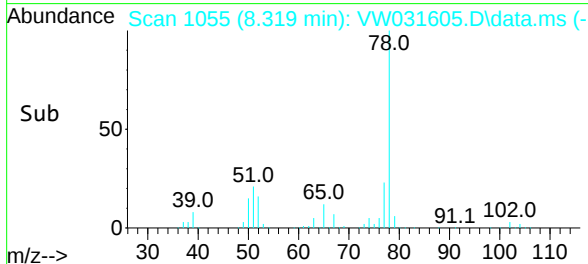
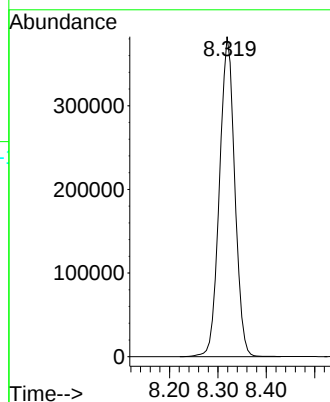
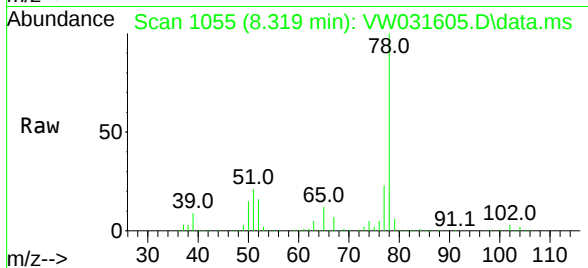
Acq: 28 Jan 2025 09:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 840332



#34

Trichloroethene

Concen: 22.833 ug/L

RT: 9.087 min Scan# 1181

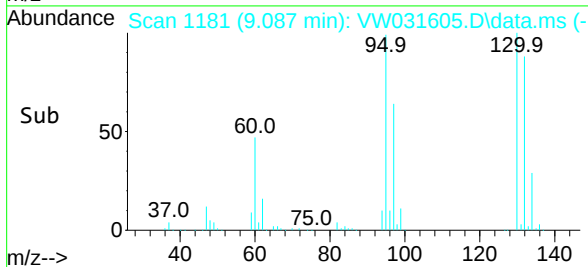
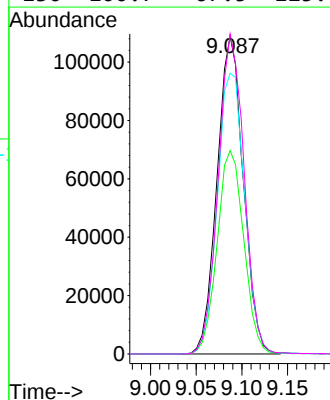
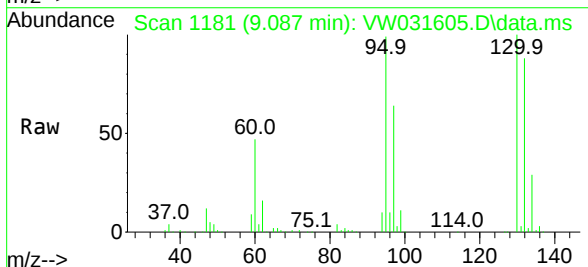
Delta R.T. -0.000 min

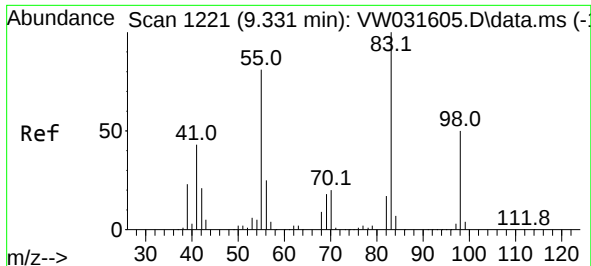
Lab File: VW031605.D

Acq: 28 Jan 2025 09:13

Tgt Ion: 95 Resp: 216930

Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.0	81.6
132	88.3	64.6	120.0
130	100.7	67.5	125.4

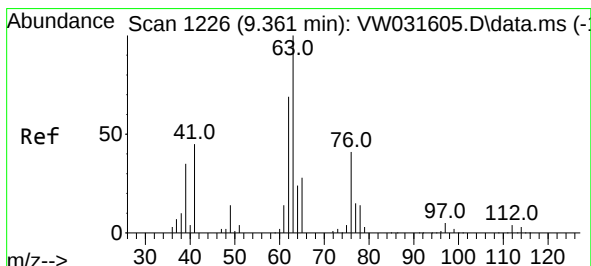
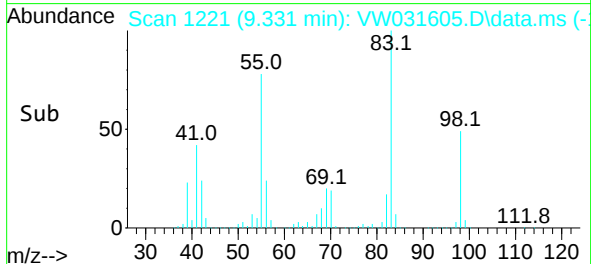
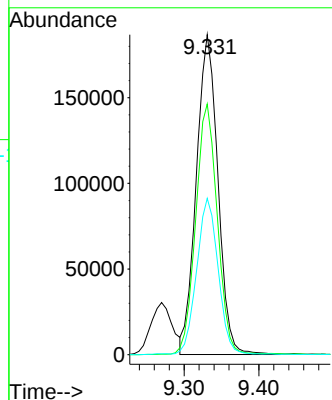
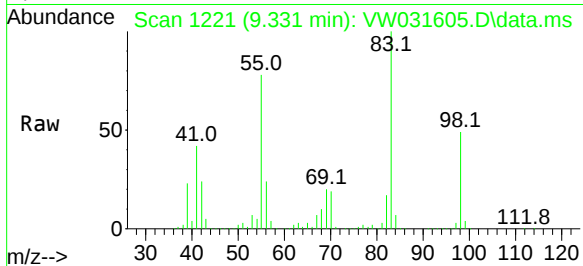




#35
Methylcyclohexane
Concen: 21.997 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

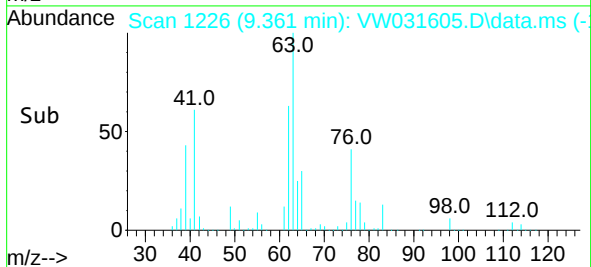
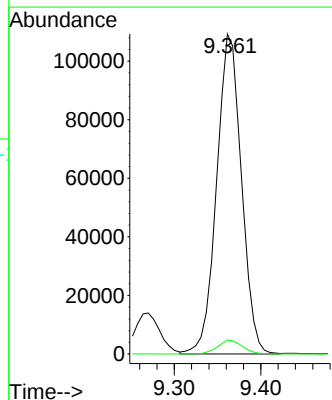
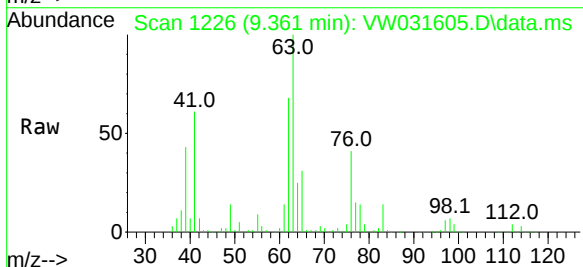
Instrument :
MSVOA_W
ClientSampleId :

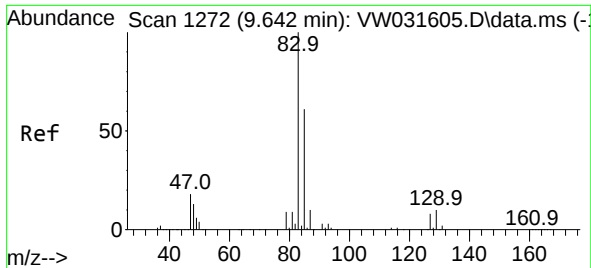
Tgt Ion: 83 Resp: 374691
Ion Ratio Lower Upper
83 100
55 78.5 63.4 95.2
98 48.8 38.8 58.2



#37
1,2-Dichloropropane
Concen: 24.470 ug/L
RT: 9.361 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

Tgt Ion: 63 Resp: 217340
Ion Ratio Lower Upper
63 100
112 4.3 3.6 5.4

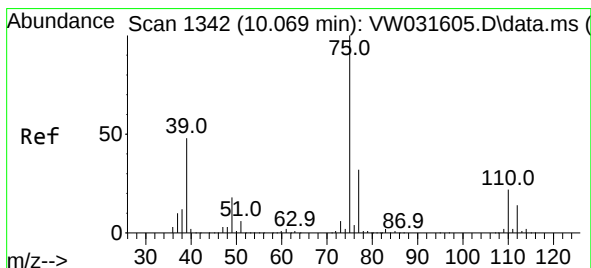
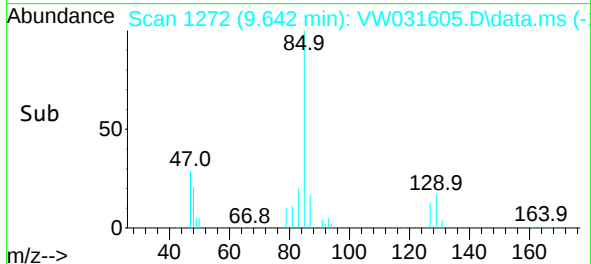
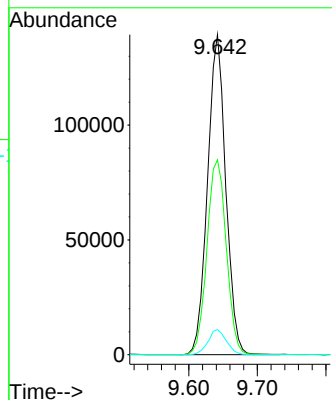
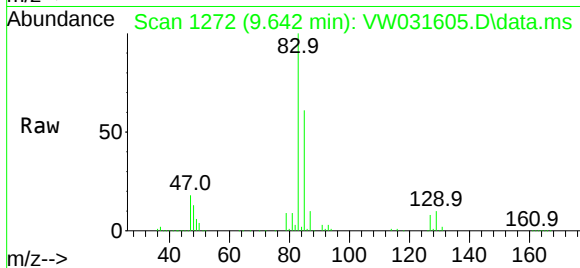




#38
Bromodichloromethane
Concen: 23.992 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

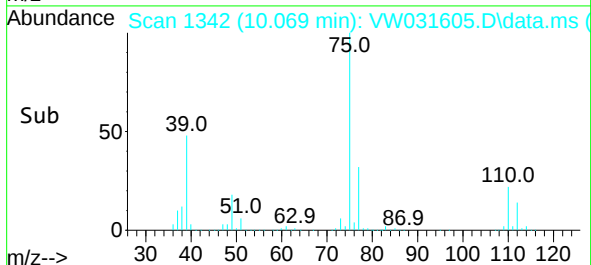
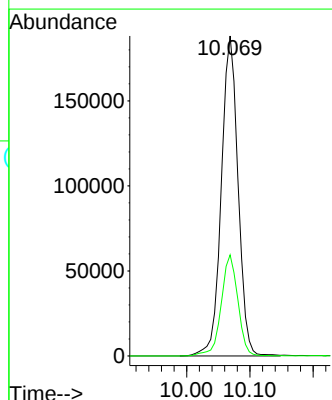
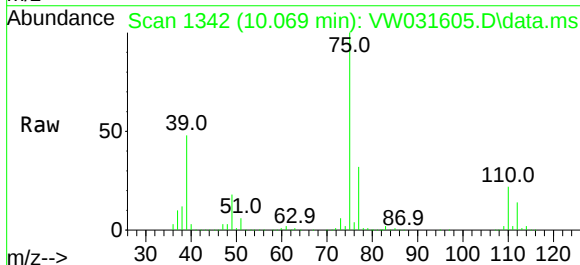
Instrument :
MSVOA_W
ClientSampleId :

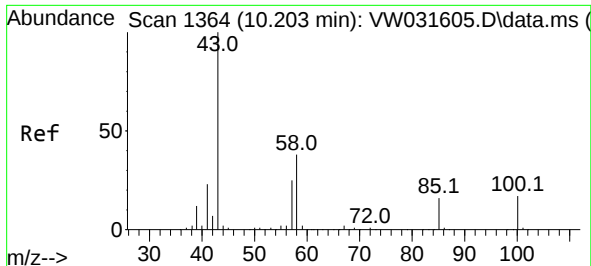
Tgt Ion: 83 Resp: 257757
Ion Ratio Lower Upper
83 100
85 60.9 43.8 81.3
127 7.9 6.2 9.4



#39
cis-1,3-Dichloropropene
Concen: 24.681 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

Tgt Ion: 75 Resp: 344836
Ion Ratio Lower Upper
75 100
77 31.6 21.6 40.2





#40

4-Methyl-2-pentanone

Concen: 50.461 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VW031605.D

Acq: 28 Jan 2025 09:13

Instrument :

MSVOA_W

ClientSampleId :

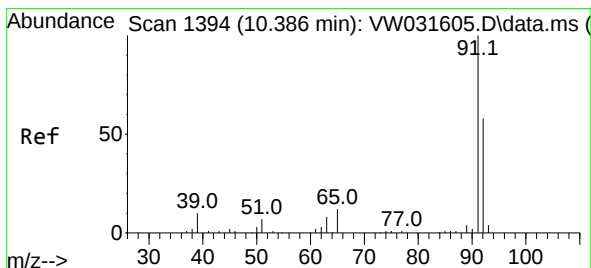
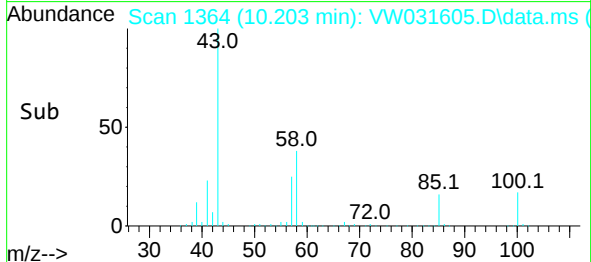
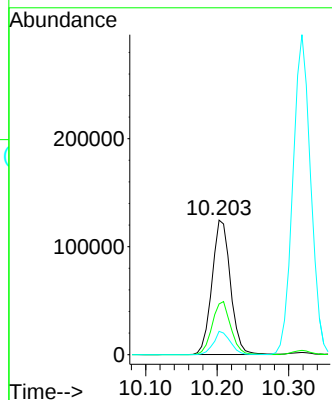
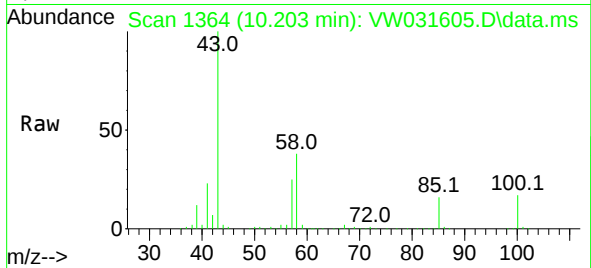
Tgt Ion: 43 Resp: 223708

Ion Ratio Lower Upper

43 100

58 39.6 31.4 47.2

100 15.8 12.3 18.5



#42

Toluene

Concen: 23.687 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW031605.D

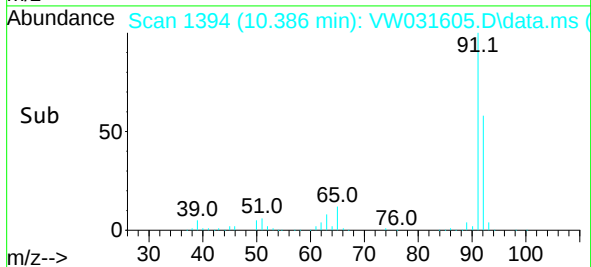
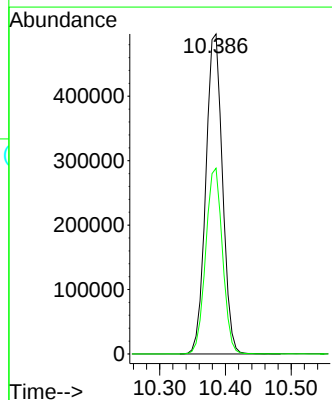
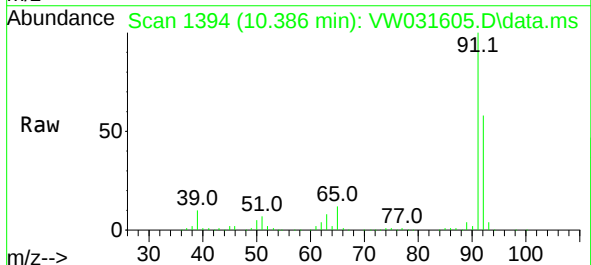
Acq: 28 Jan 2025 09:13

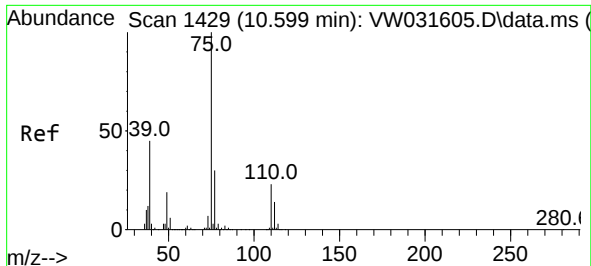
Tgt Ion: 91 Resp: 874998

Ion Ratio Lower Upper

91 100

92 58.1 40.6 75.4

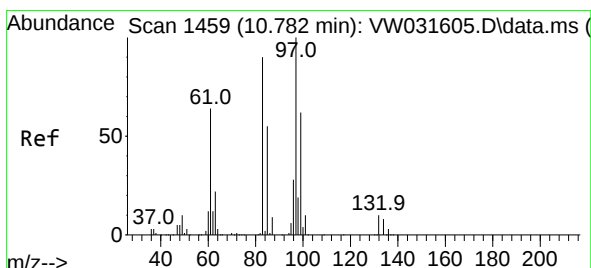
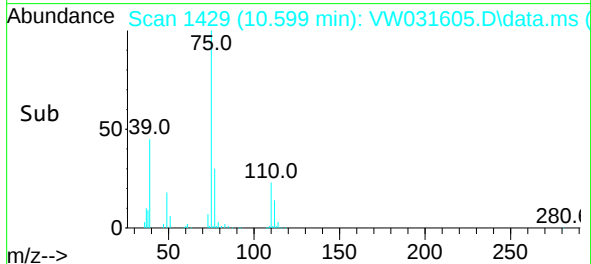
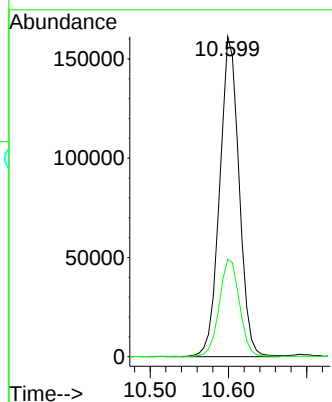
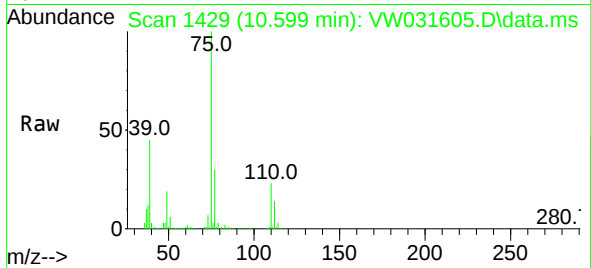




#44
trans-1,3-Dichloropropene
Concen: 24.920 ug/L
RT: 10.599 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

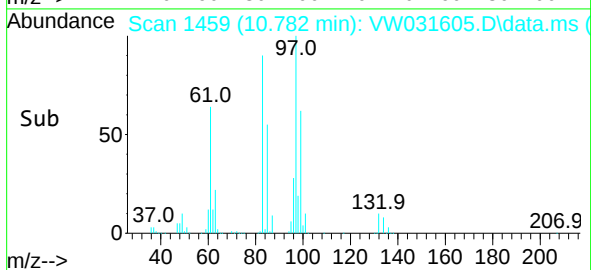
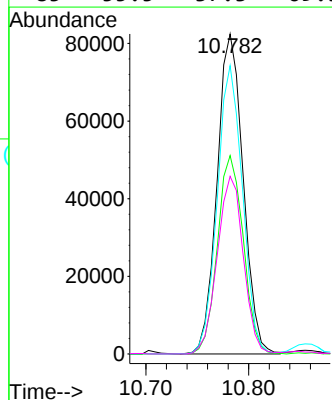
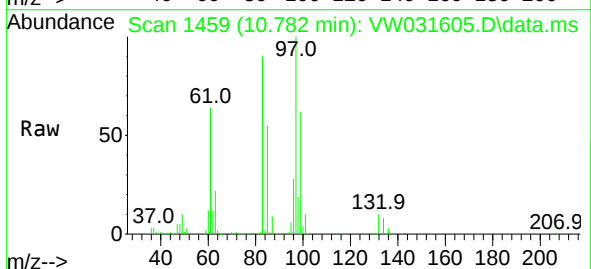
Instrument :
MSVOA_W
ClientSampleId :

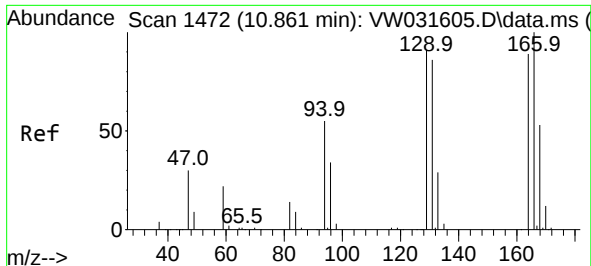
Tgt Ion: 75 Resp: 278309
Ion Ratio Lower Upper
75 100
77 30.4 22.5 41.9



#45
1,1,2-Trichloroethane
Concen: 25.483 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

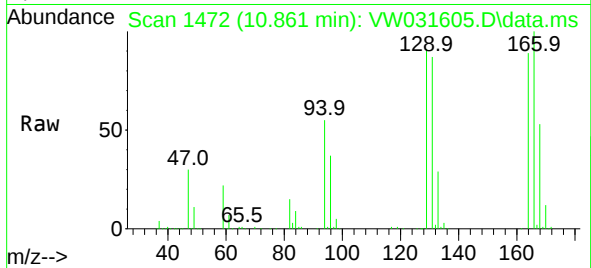
Tgt Ion: 97 Resp: 145076
Ion Ratio Lower Upper
97 100
99 62.0 42.6 79.2
83 90.1 59.6 110.8
85 55.5 37.3 69.3



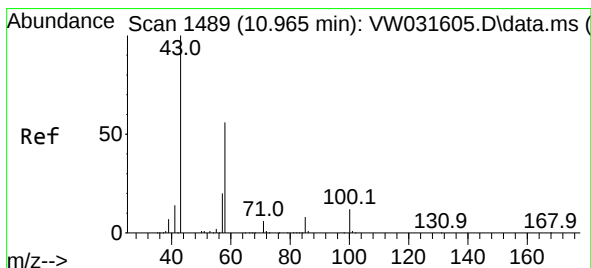
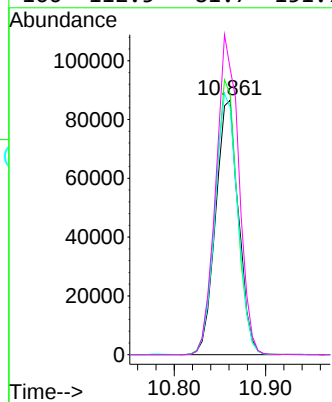
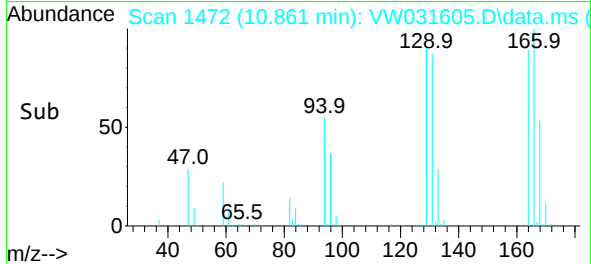


#46
Tetrachloroethene
Concen: 22.054 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

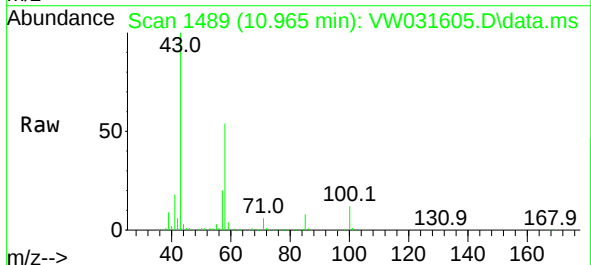
Instrument :
MSVOA_W
ClientSampleId :



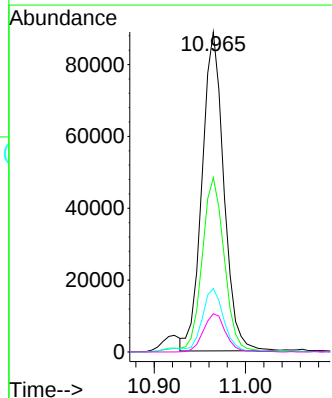
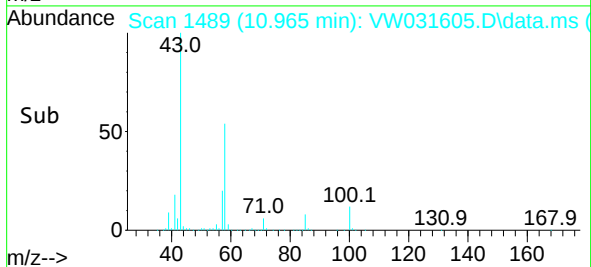
Tgt Ion:164 Resp: 150357
Ion Ratio Lower Upper
164 100
129 102.4 69.8 129.6
131 97.3 63.1 117.1
166 112.5 81.7 151.7

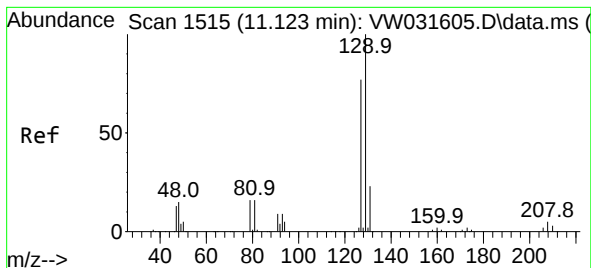


#48
2-Hexanone
Concen: 54.151 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13



Tgt Ion: 43 Resp: 146706
Ion Ratio Lower Upper
43 100
58 56.3 44.8 67.2
57 19.6 15.6 23.4
100 12.2 9.3 13.9

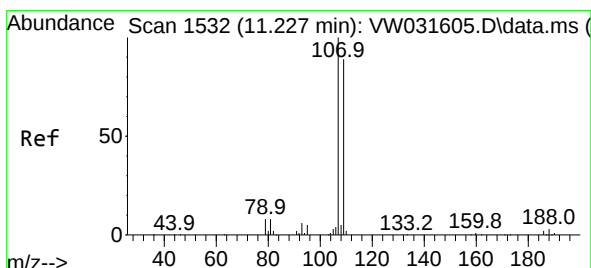
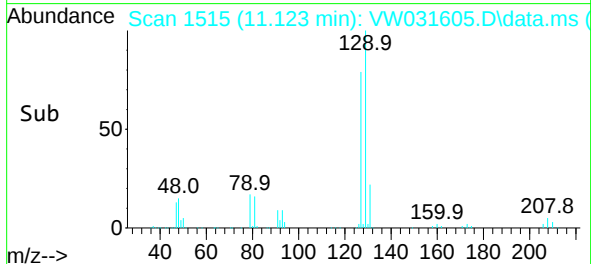
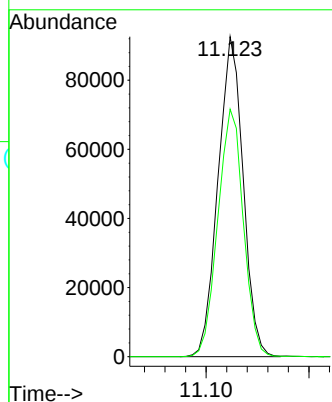
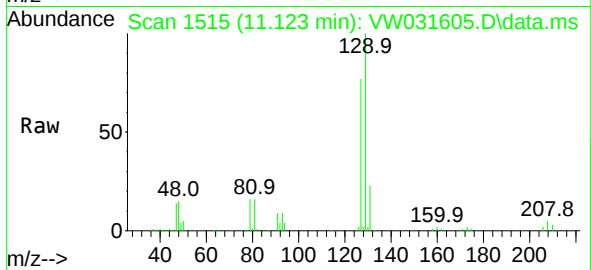




#49
Dibromochloromethane
Concen: 25.019 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

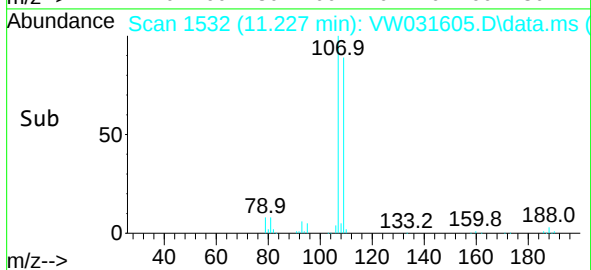
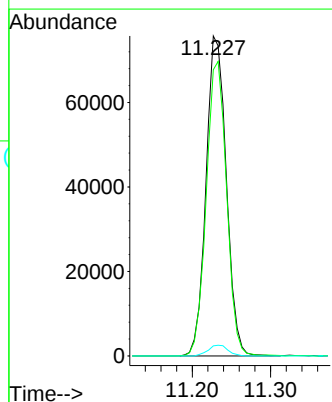
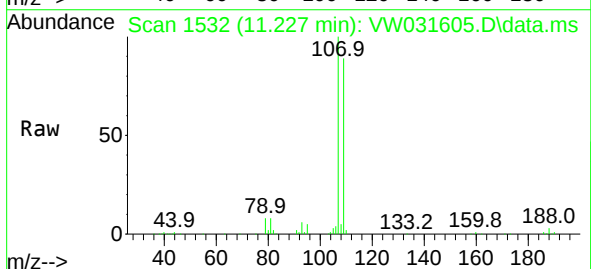
Instrument :
MSVOA_W
ClientSampleId :

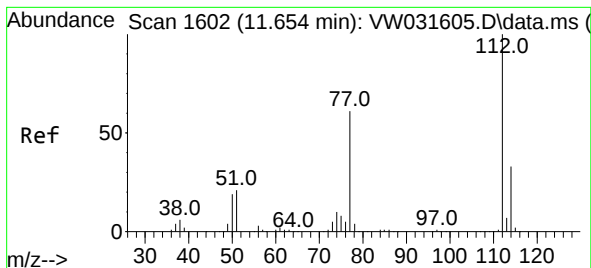
Tgt Ion:129 Resp: 156717
Ion Ratio Lower Upper
129 100
127 77.3 53.0 98.4



#50
1,2-Dibromoethane
Concen: 25.785 ug/L
RT: 11.227 min Scan# 1532
Delta R.T. -0.006 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

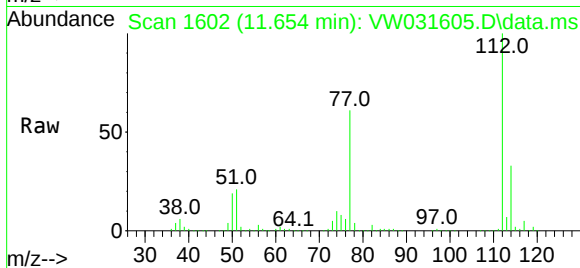
Tgt Ion:107 Resp: 136050
Ion Ratio Lower Upper
107 100
109 89.4 63.8 118.4
188 3.2 2.6 3.8



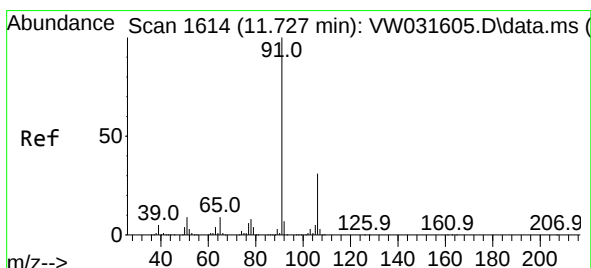
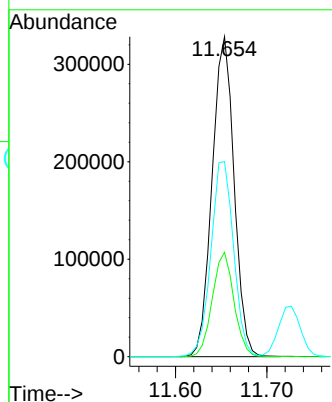
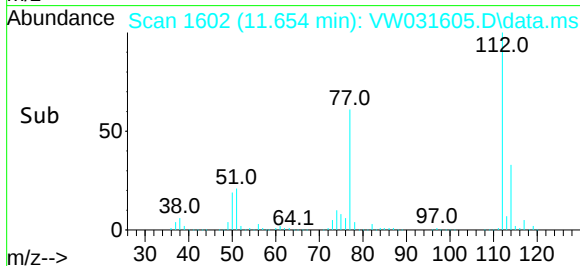


#51
Chlorobenzene
Concen: 24.059 ug/L
RT: 11.654 min Scan# 11602
Delta R.T. -0.000 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

Instrument :
MSVOA_W
ClientSampleId :

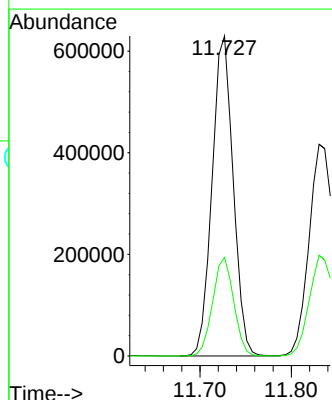
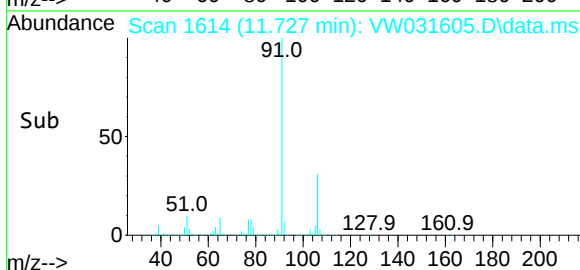
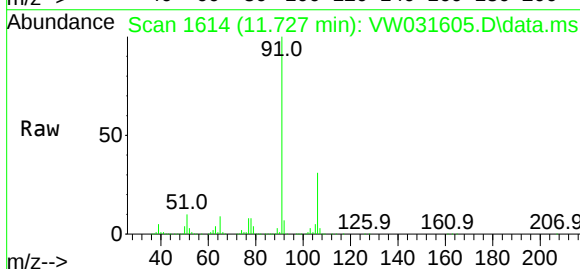


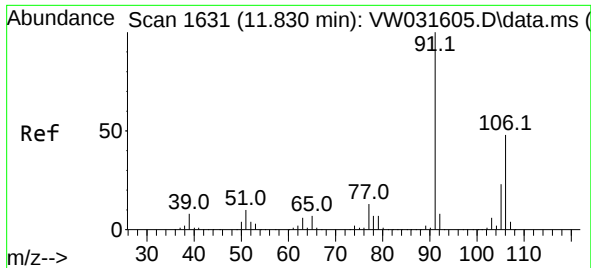
Tgt Ion:112 Resp: 548782
Ion Ratio Lower Upper
112 100
114 32.6 22.0 40.8
77 61.0 49.0 73.4



#52
Ethylbenzene
Concen: 23.823 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

Tgt Ion: 91 Resp: 1009736
Ion Ratio Lower Upper
91 100
106 30.8 22.3 41.3

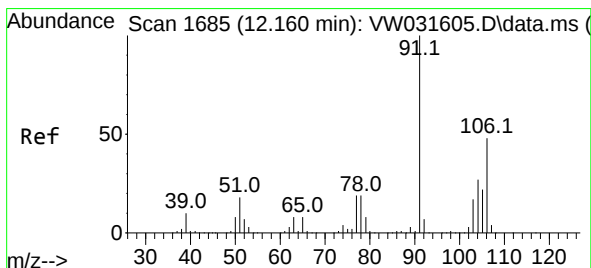
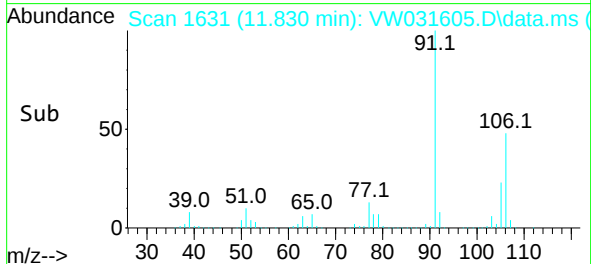
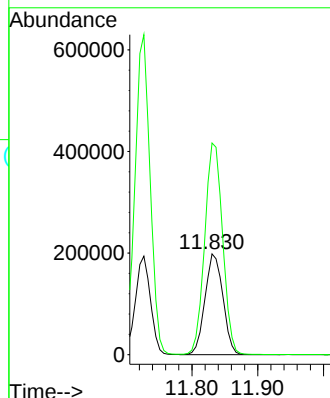
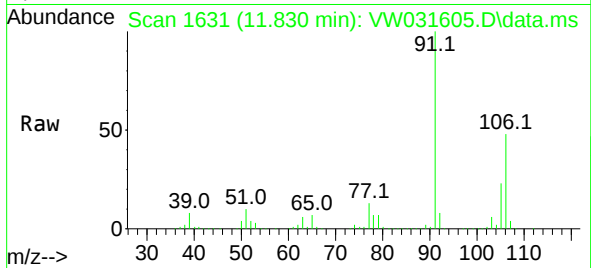




#53
m,p-Xylene
Concen: 23.311 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

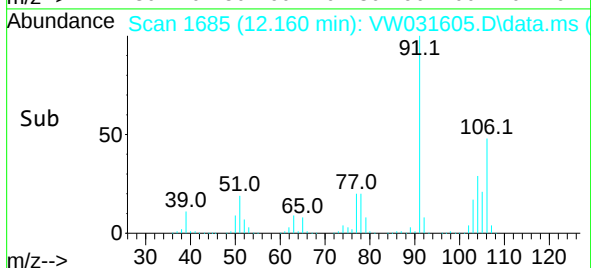
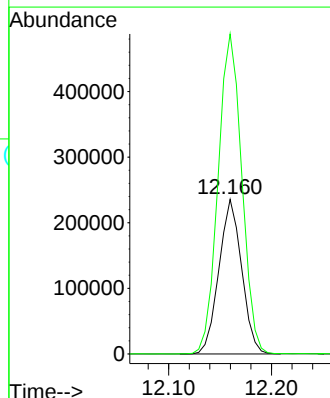
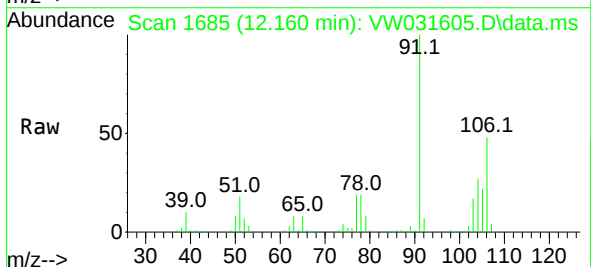
Instrument :
MSVOA_W
ClientSampleId :

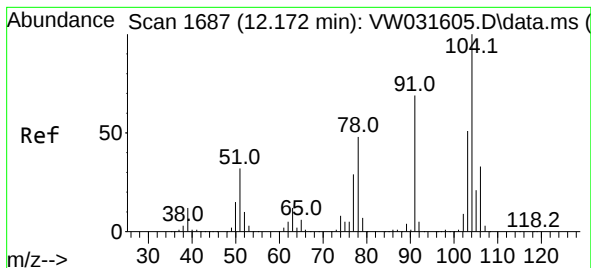
Tgt Ion:106 Resp: 376724
Ion Ratio Lower Upper
106 100
91 210.1 145.9 270.9



#54
o-Xylene
Concen: 24.087 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

Tgt Ion:106 Resp: 361764
Ion Ratio Lower Upper
106 100
91 206.9 152.9 284.1





#55

Styrene

Concen: 24.475 ug/L

RT: 12.172 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031605.D

Acq: 28 Jan 2025 09:13

Instrument :

MSVOA_W

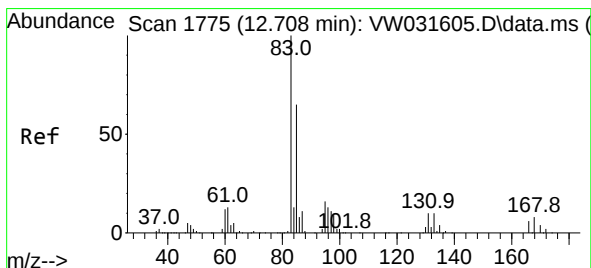
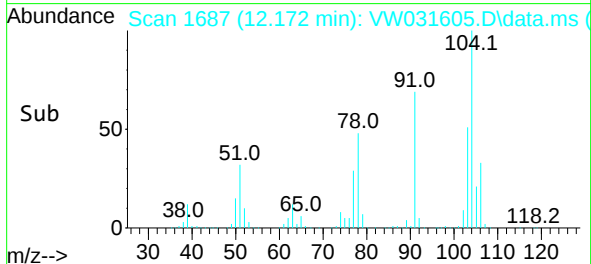
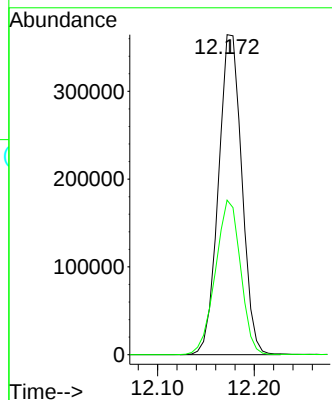
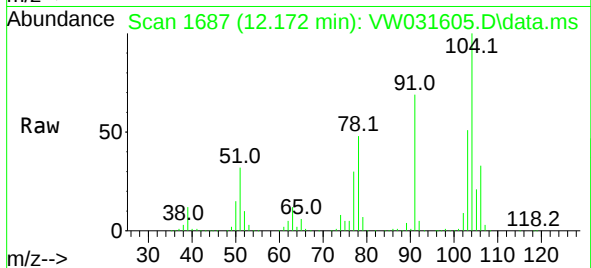
ClientSampleId :

Tgt Ion:104 Resp: 611653

Ion Ratio Lower Upper

104 100

78 48.3 32.0 59.4



#57

1,1,2,2-Tetrachloroethane

Concen: 26.030 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW031605.D

Acq: 28 Jan 2025 09:13

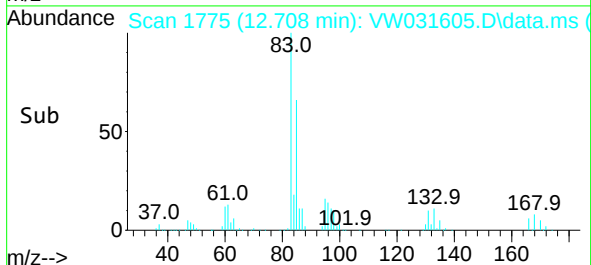
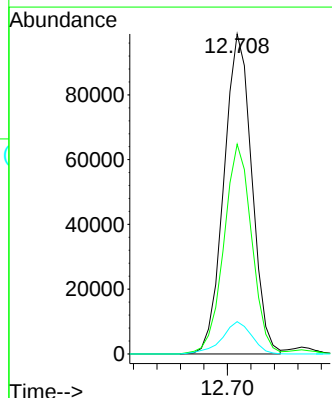
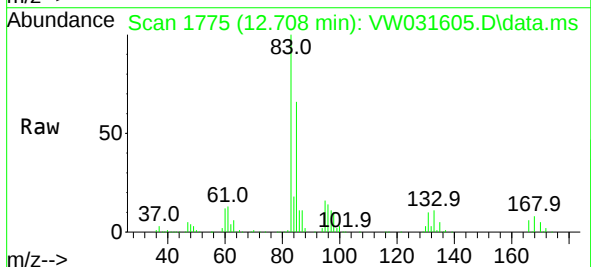
Tgt Ion: 83 Resp: 162836

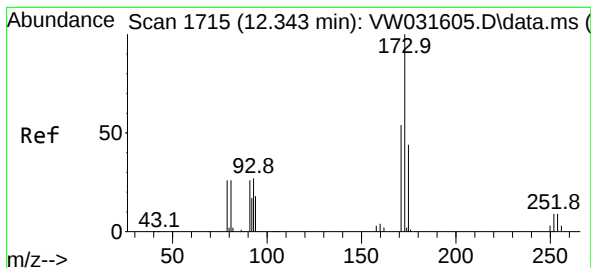
Ion Ratio Lower Upper

83 100

85 65.5 44.1 81.9

131 10.1 7.4 11.0





#59

Bromoform

Concen: 25.266 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW031605.D

Acq: 28 Jan 2025 09:13

Instrument :

MSVOA_W

ClientSampleId :

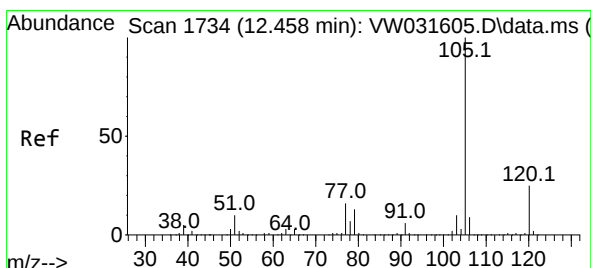
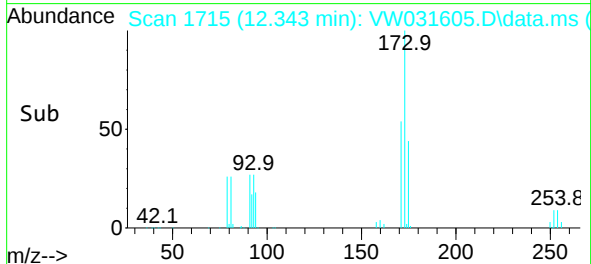
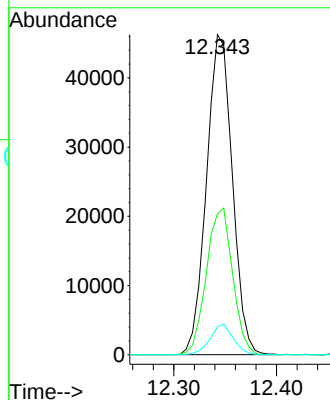
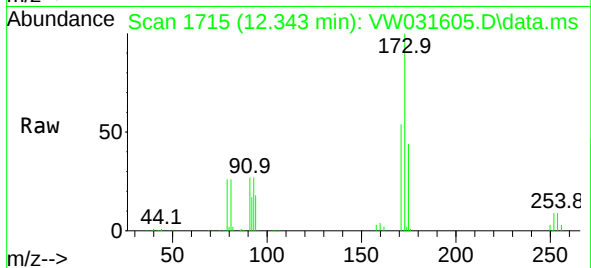
Tgt Ion:173 Resp: 80773

Ion Ratio Lower Upper

173 100

175 46.4 37.7 56.5

254 8.5 7.1 10.7



#60

Isopropylbenzene

Concen: 23.773 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW031605.D

Acq: 28 Jan 2025 09:13

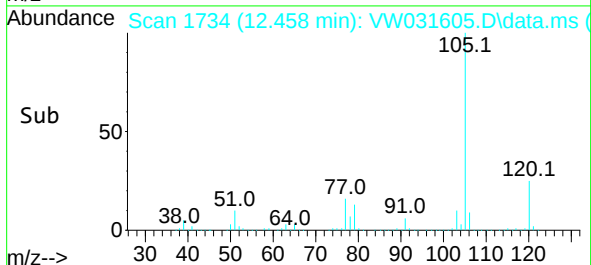
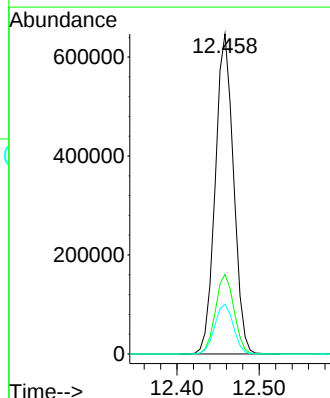
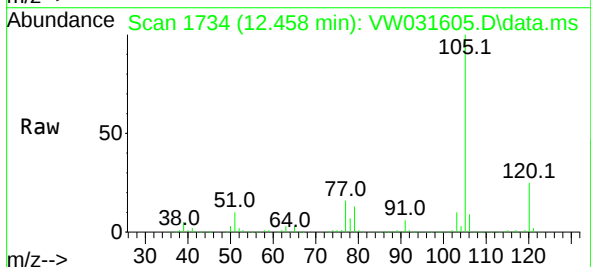
Tgt Ion:105 Resp: 996391

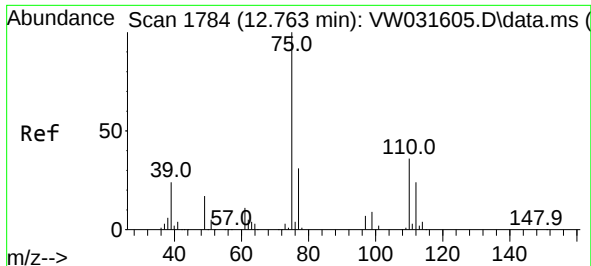
Ion Ratio Lower Upper

105 100

120 25.3 20.1 30.1

77 16.0 12.7 19.1





#61

1,2,3-Trichloropropane

Concen: 27.058 ug/L

RT: 12.763 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031605.D

Acq: 28 Jan 2025 09:13

Instrument :

MSVOA_W

ClientSampleId :

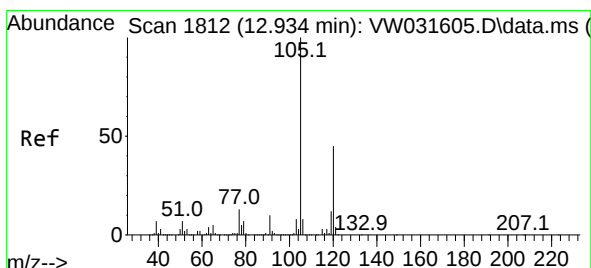
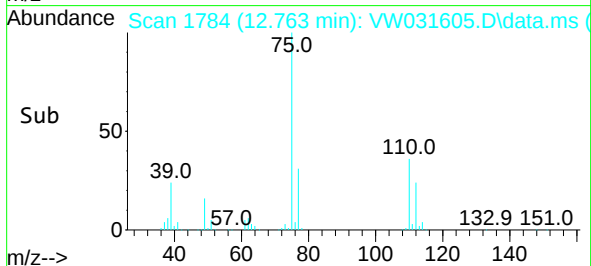
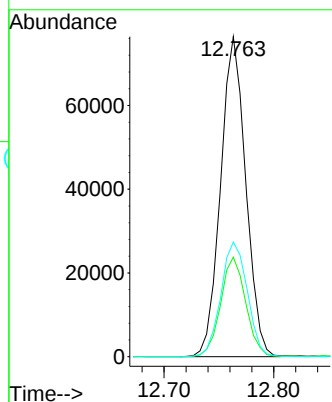
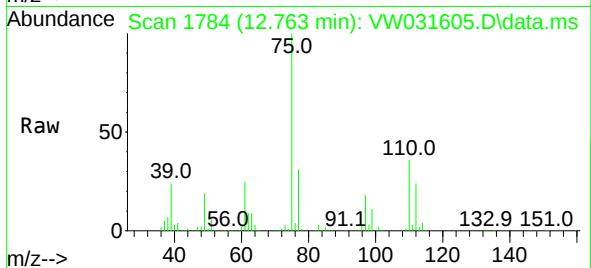
Tgt Ion: 75 Resp: 121911

Ion Ratio Lower Upper

75 100

77 30.9 26.2 39.2

110 37.6 29.6 44.4



#62

1,3,5-Trimethylbenzene

Concen: 23.654 ug/L

RT: 12.934 min Scan# 1812

Delta R.T. -0.006 min

Lab File: VW031605.D

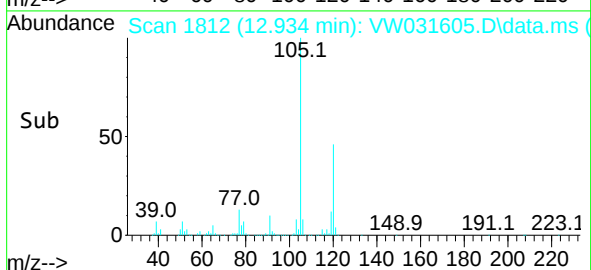
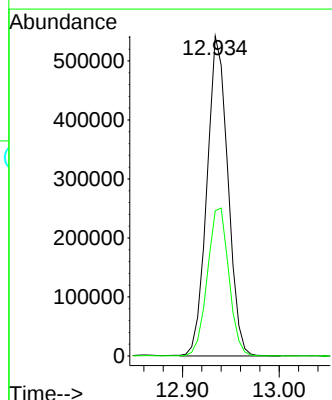
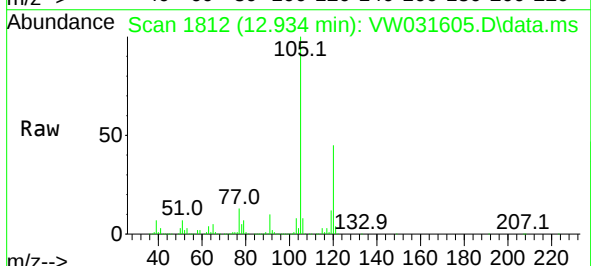
Acq: 28 Jan 2025 09:13

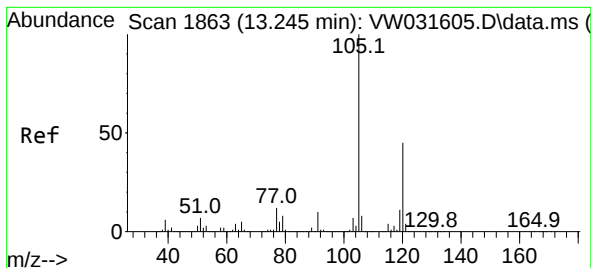
Tgt Ion: 105 Resp: 816325

Ion Ratio Lower Upper

105 100

120 47.4 37.6 56.4





#63

1,2,4-Trimethylbenzene

Concen: 23.605 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW031605.D

Acq: 28 Jan 2025 09:13

Instrument :

MSVOA_W

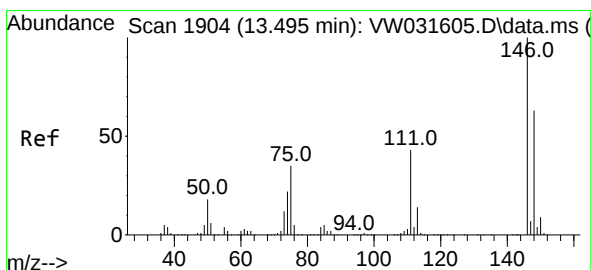
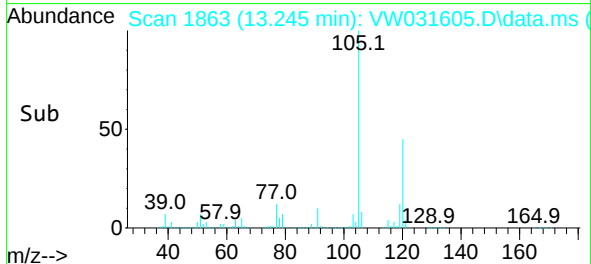
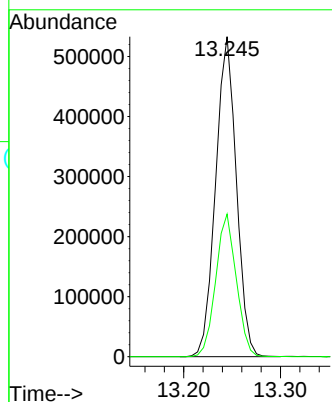
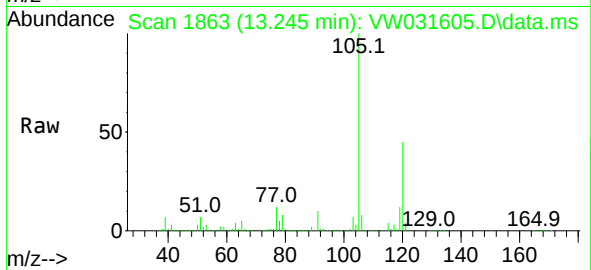
ClientSampleId :

Tgt Ion:105 Resp: 792888

Ion Ratio Lower Upper

105 100

120 44.2 36.3 54.5



#64

1,3-Dichlorobenzene

Concen: 23.583 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW031605.D

Acq: 28 Jan 2025 09:13

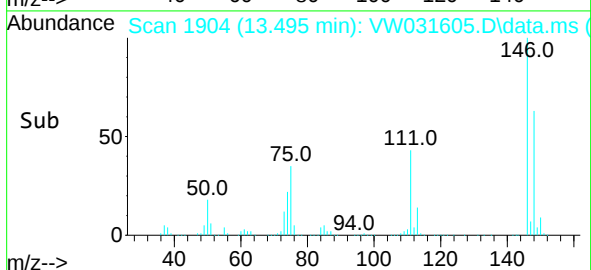
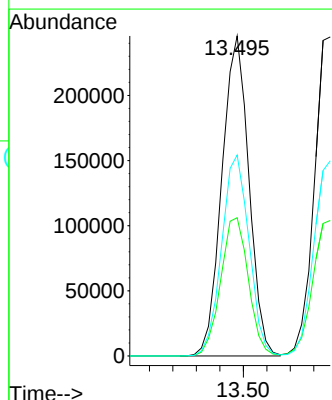
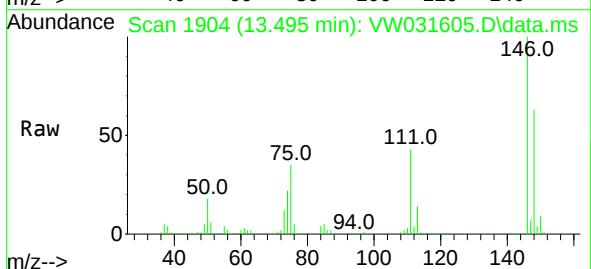
Tgt Ion:146 Resp: 392039

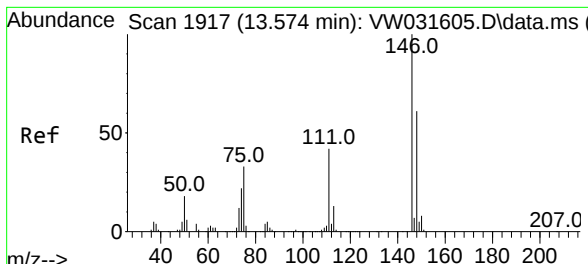
Ion Ratio Lower Upper

146 100

111 43.2 30.4 56.5

148 62.8 42.1 78.1



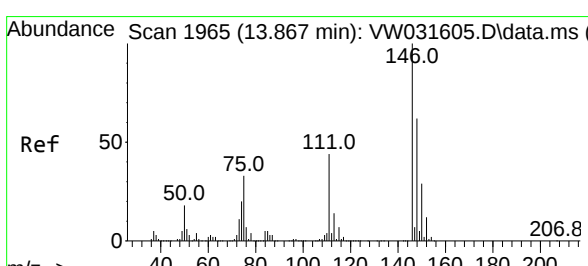
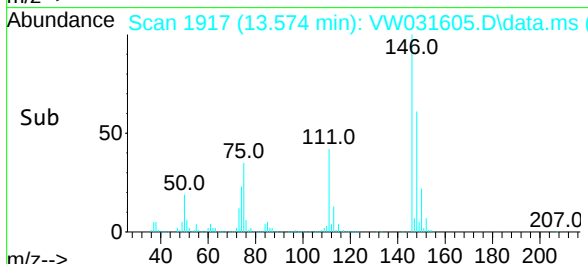
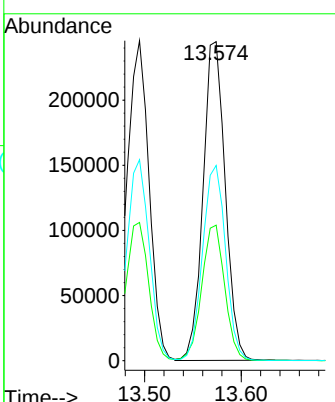
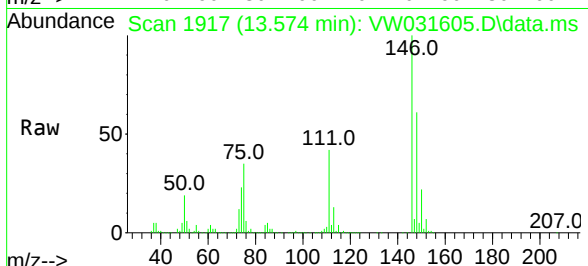


#65
 1,4-Dichlorobenzene
 Concen: 23.754 ug/L
 RT: 13.574 min Scan# 1917
 Delta R.T. -0.000 min
 Lab File: VW031605.D
 Acq: 28 Jan 2025 09:13

Instrument : MSVOA_W
 ClientSampleId :

Tgt Ion:146 Resp: 390539

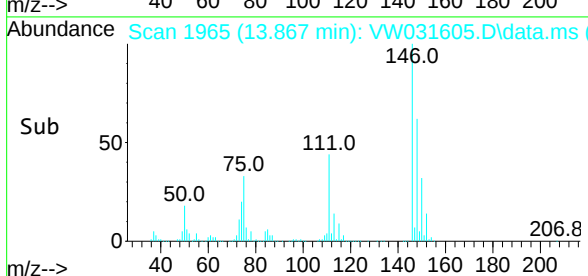
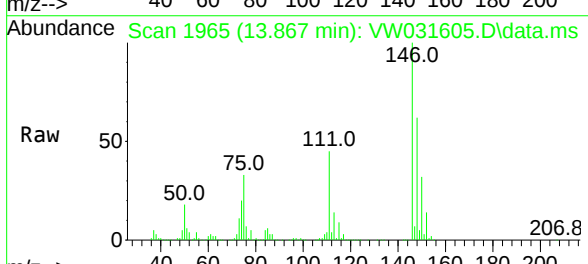
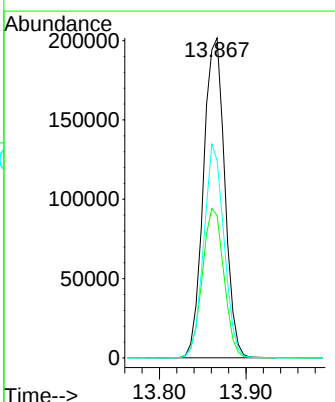
Ion	Ratio	Lower	Upper
146	100		
111	42.5	28.5	52.9
148	61.2	45.4	84.4

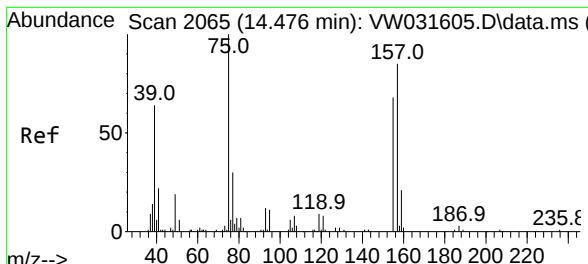


#67
 1,2-Dichlorobenzene
 Concen: 24.198 ug/L
 RT: 13.867 min Scan# 1965
 Delta R.T. 0.006 min
 Lab File: VW031605.D
 Acq: 28 Jan 2025 09:13

Tgt Ion:146 Resp: 343509

Ion	Ratio	Lower	Upper
146	100		
111	44.5	36.6	55.0
148	61.7	51.0	76.4



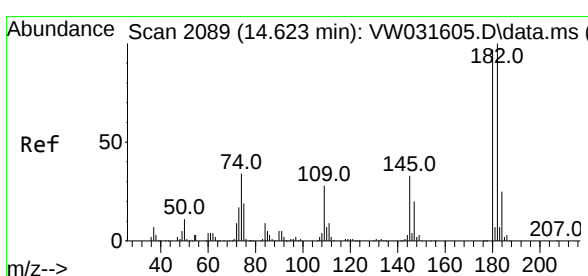
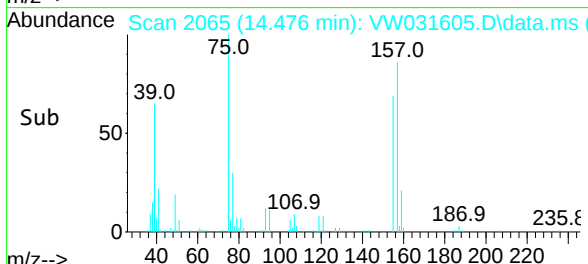
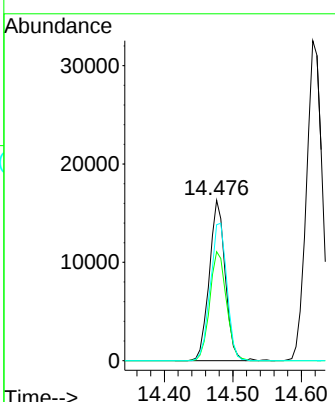
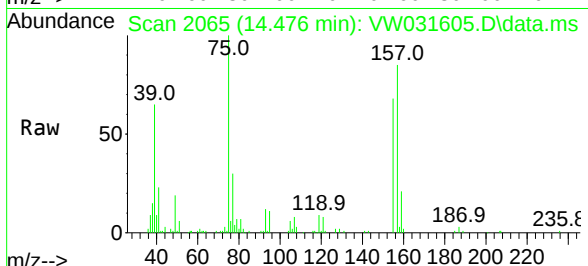


#68
 1,2-Dibromo-3-chloropropane
 Concen: 26.143 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: VW031605.D
 Acq: 28 Jan 2025 09:13

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 75 Resp: 26334

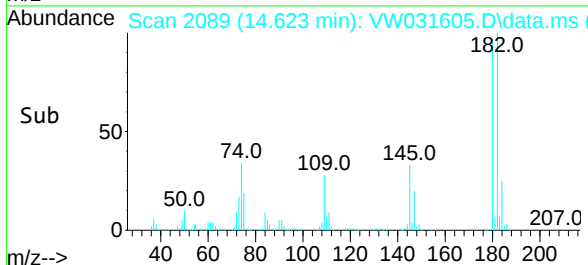
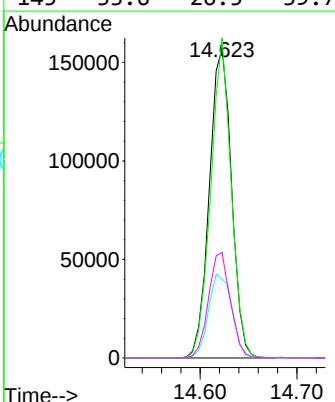
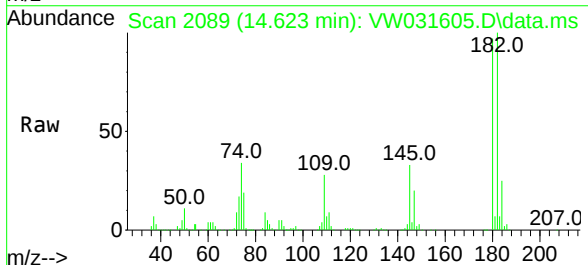
Ion	Ratio	Lower	Upper
75	100		
155	67.9	51.0	76.4
157	84.7	70.2	105.2

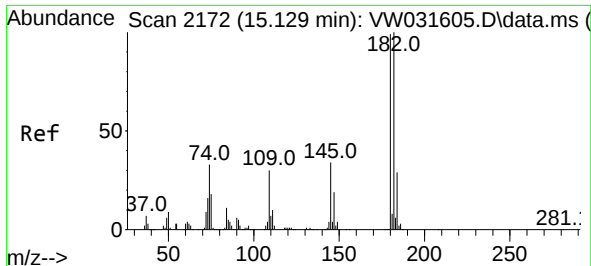


#69
 1,3,5-Trichlorobenzene
 Concen: 22.174 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW031605.D
 Acq: 28 Jan 2025 09:13

Tgt Ion: 180 Resp: 249796

Ion	Ratio	Lower	Upper
180	100		
182	95.2	74.2	111.4
184	28.8	23.0	34.4
145	33.6	26.5	39.7

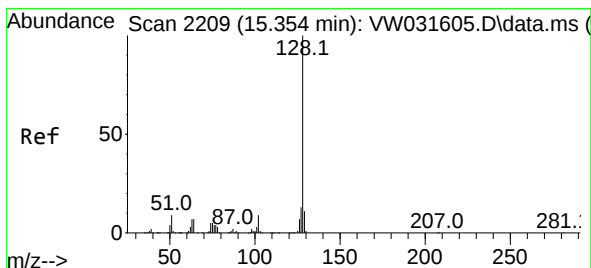
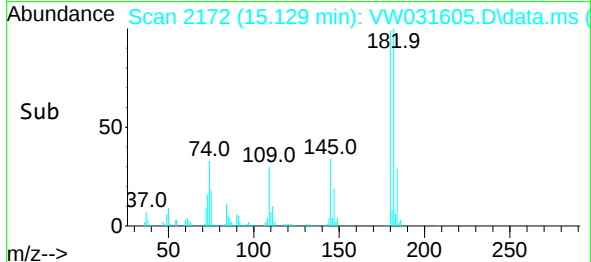
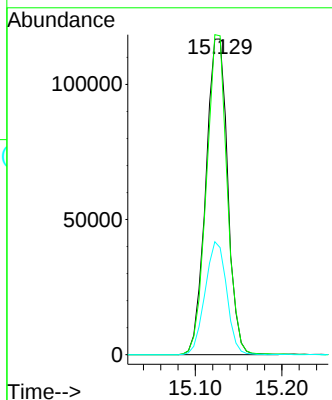
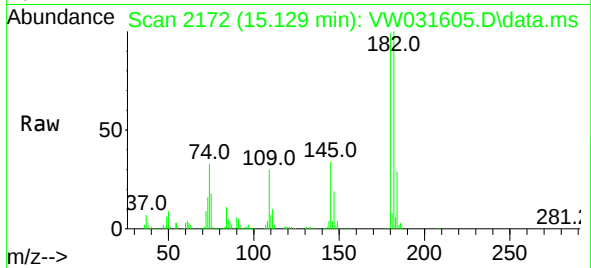




#70
1,2,4-trichlorobenzene
Concen: 22.769 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

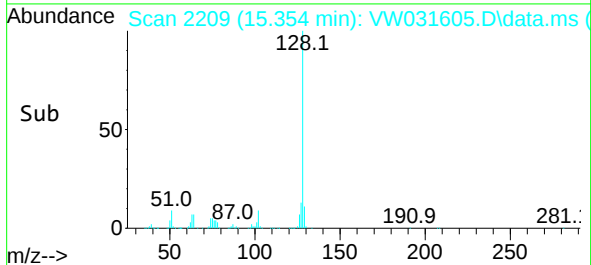
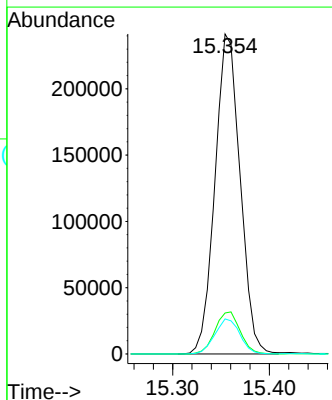
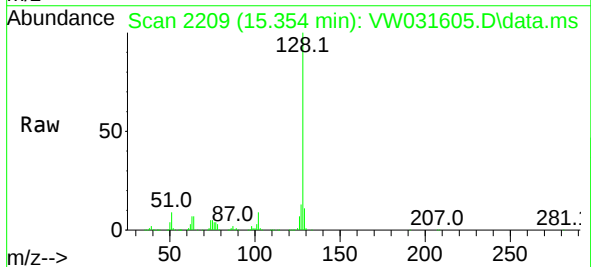
Instrument :
MSVOA_W
ClientSampleId :

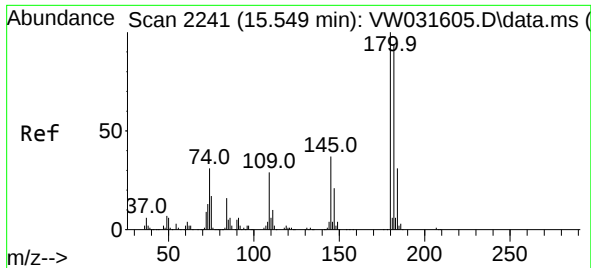
Tgt Ion:180 Resp: 204300
Ion Ratio Lower Upper
180 100
182 96.1 77.7 116.5
145 35.4 26.6 39.8



#71
Naphthalene
Concen: 25.839 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VW031605.D
Acq: 28 Jan 2025 09:13

Tgt Ion:128 Resp: 434744
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.9 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 23.556 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW031605.D
 Acq: 28 Jan 2025 09:13

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:180 Resp: 178020
 Ion Ratio Lower Upper
 180 100
 182 92.7 76.9 115.3
 145 37.0 30.1 45.1

