

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011725\
 Data File : VW031573.D
 Acq On : 17 Jan 2025 14:23
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.06g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 18 00:40:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jan 18 00:35:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	643070	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	567639	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	268517	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	159719	15.828	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.320%
7) Chloroethane-d5	2.899	69	119008	16.514	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.040%
11) 1,1-Dichloroethene-d2	4.015	65	78953	17.585	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.360%
21) 2-Butanone-d5	7.094	46	79407	48.952	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.900%
24) Chloroform-d	7.648	84	343559	20.643	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.560%
26) 1,2-Dichloroethane-d4	8.307	65	180593	22.047	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	8.270	84	699837	19.628	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.520%
36) 1,2-Dichloropropane-d6	9.270	67	211030	20.046	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.200%
41) Toluene-d8	10.319	98	629475	19.557	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.240%
43) trans-1,3-Dichloroprop...	10.575	79	89493	20.701	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.800%
47) 2-Hexanone-d5	10.922	63	55090	51.278	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.560%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	150613	23.394	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	193433	20.539	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	137833	16.479	ug/L	99
3) Chloromethane	2.222	50	154449	17.816	ug/L	100
5) Vinyl chloride	2.375	62	208025	18.813	ug/L	99
6) Bromomethane	2.789	94	123264	19.072	ug/L	97
8) Chloroethane	2.930	64	121999	18.769	ug/L	100
9) Trichlorofluoromethane	3.265	101	185727	16.907	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	163114	19.392	ug/L	97
12) 1,1-Dichloroethene	4.039	96	170264	19.897	ug/L	98
14) Carbon disulfide	4.387	76	563720	19.557	ug/L	100
15) Methyl Acetate	4.679	43	80191	24.519	ug/L #	73
16) Methylene chloride	4.917	84	187067	21.359	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	193324	21.035	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	353284	23.972	ug/L	99
19) 1,1-Dichloroethane	6.216	63	377656	21.840	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	216920	22.105	ug/L	98
22) 2-Butanone	7.185	43	102904	48.262	ug/L	99
23) Bromochloromethane	7.514	128	89660	23.331	ug/L	93
25) Chloroform	7.673	83	365998	22.253	ug/L	99
27) 1,2-Dichloroethane	8.398	62	239363	23.629	ug/L	99

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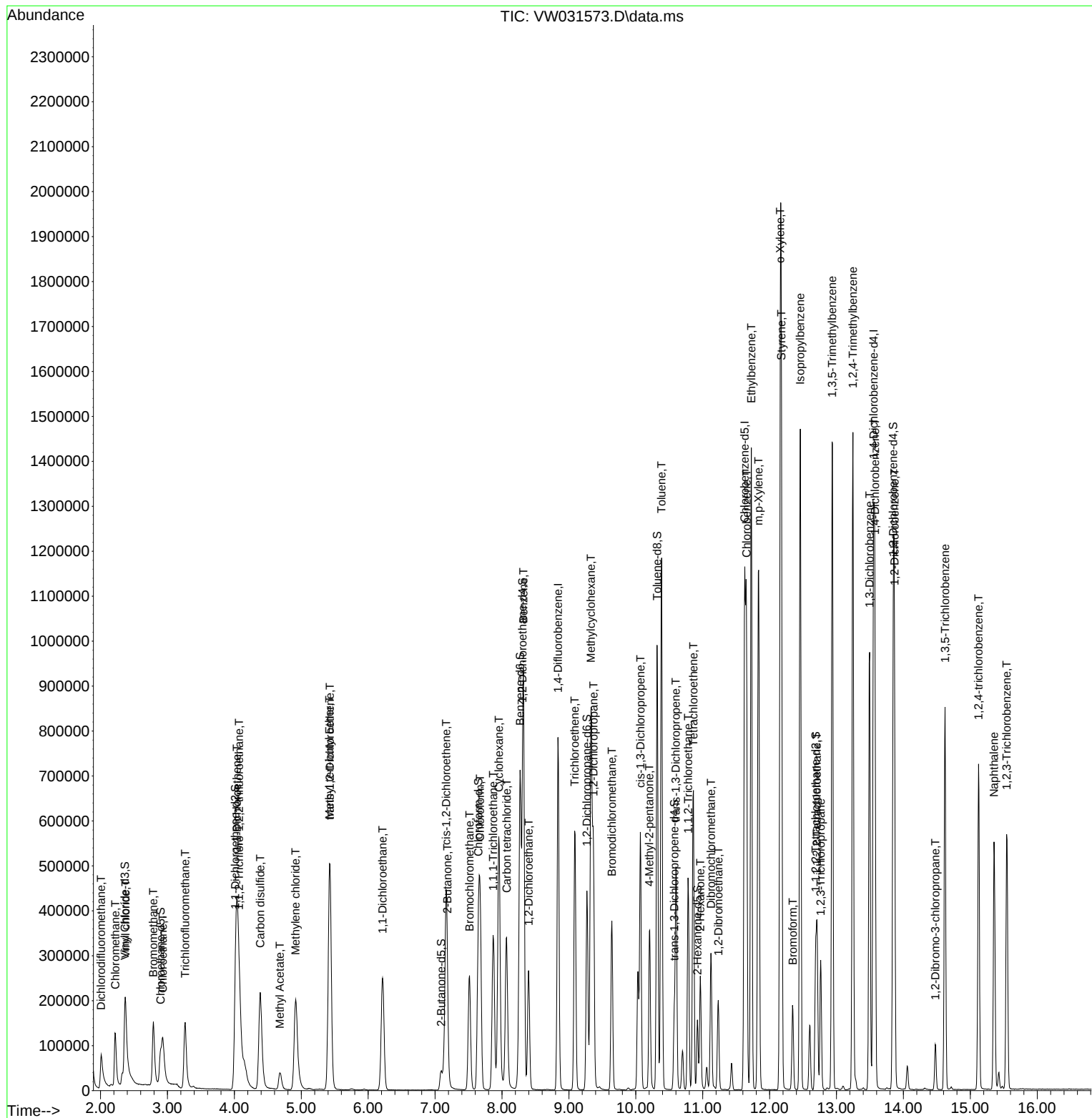
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	346729	19.058	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	291219	19.763	ug/L	100
31) Carbon tetrachloride	8.069	117	262652	20.104	ug/L	98
33) Benzene	8.319	78	825563	21.250	ug/L	100
34) Trichloroethene	9.087	95	212893	20.383	ug/L	97
35) Methylcyclohexane	9.331	83	351912	18.793	ug/L	99
37) 1,2-Dichloropropane	9.368	63	214263	21.943	ug/L	100
38) Bromodichloromethane	9.642	83	260594	22.063	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	341522	22.234	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	240971	49.442	ug/L	98
42) Toluene	10.386	91	867801	21.369	ug/L	97
44) trans-1,3-Dichloropropene	10.599	75	280997	22.887	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	147781	23.612	ug/L	97
46) Tetrachloroethene	10.861	164	149437	19.938	ug/L	95
48) 2-Hexanone	10.965	43	158455	53.202	ug/L	99
49) Dibromochloromethane	11.123	129	159437	23.152	ug/L	93
50) 1,2-Dibromoethane	11.233	107	139366	24.026	ug/L	94
51) Chlorobenzene	11.654	112	549132	21.898	ug/L	99
52) Ethylbenzene	11.727	91	993755	21.327	ug/L	98
53) m,p-Xylene	11.837	106	369297	20.786	ug/L	99
54) o-Xylene	12.160	106	363277	22.002	ug/L	97
55) Styrene	12.178	104	614344	22.361	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	171459	24.931	ug/L	98
59) Bromoform	12.349	173	85155	23.800	ug/L	99
60) Isopropylbenzene	12.458	105	965923	20.592	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	125074	24.804	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	802791	20.785	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	785938	20.907	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	391213	21.028	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	397393	21.597	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	361095	22.728	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	27849	24.703	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	246151	19.524	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	220397	21.947	ug/L	97
71) Naphthalene	15.354	128	469018	24.908	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	184868	21.857	ug/L	97

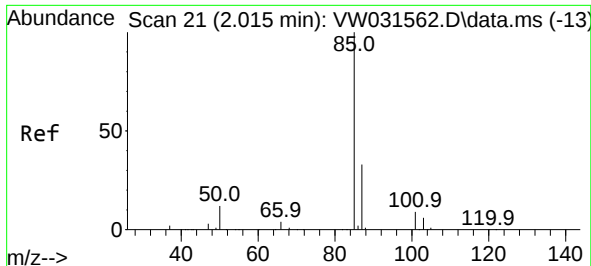
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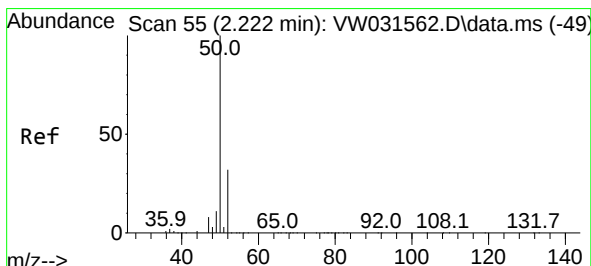
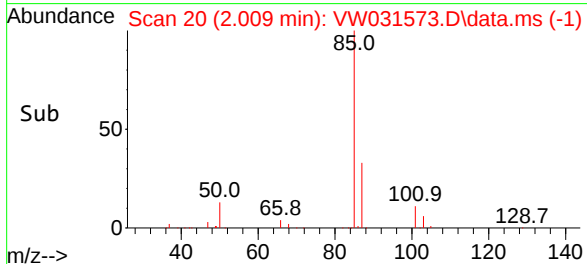
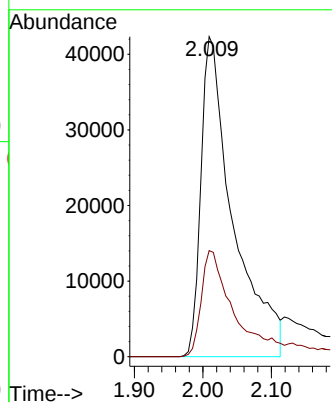
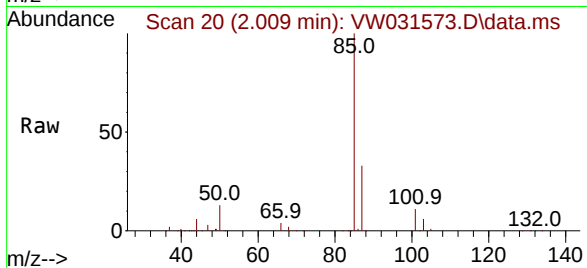




#2
 Dichlorodifluoromethane
 Concen: 16.479 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW031573.D
 Acq: 17 Jan 2025 14:23

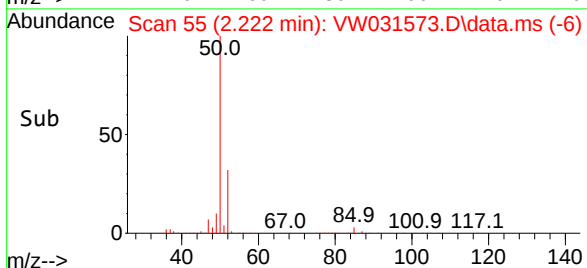
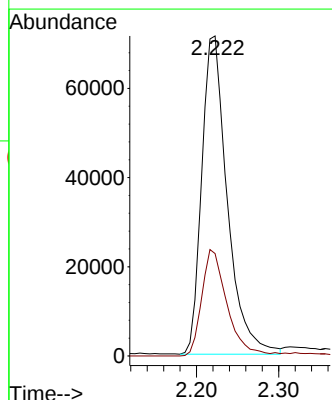
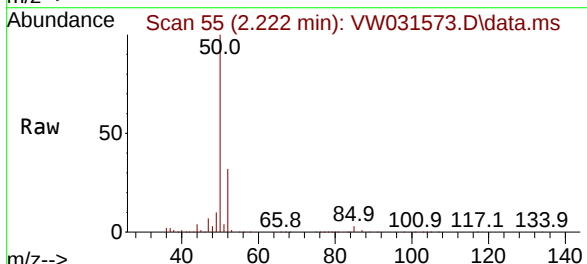
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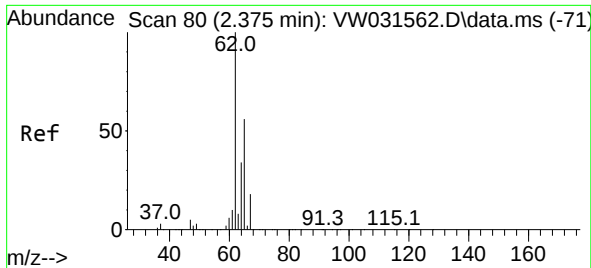
Tgt Ion: 85 Resp: 137833
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.0 37.4



#3
 Chloromethane
 Concen: 17.816 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW031573.D
 Acq: 17 Jan 2025 14:23

Tgt Ion: 50 Resp: 154449
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.3 41.3

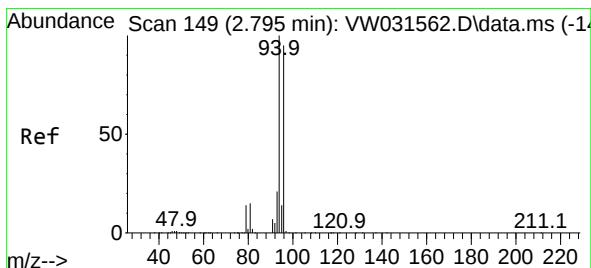
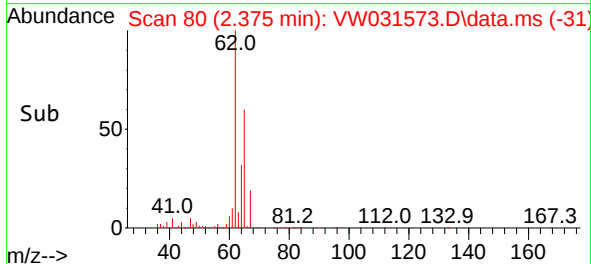
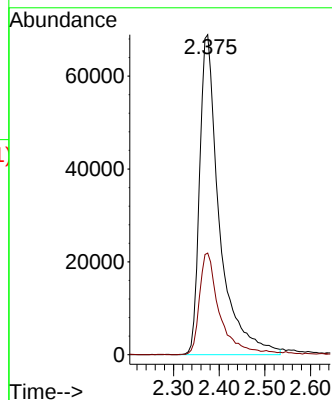
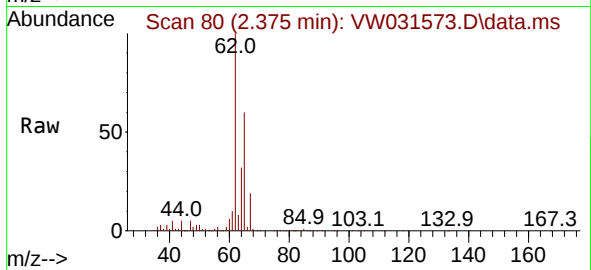




#5
 Vinyl chloride
 Concen: 18.813 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW031573.D
 Acq: 17 Jan 2025 14:23

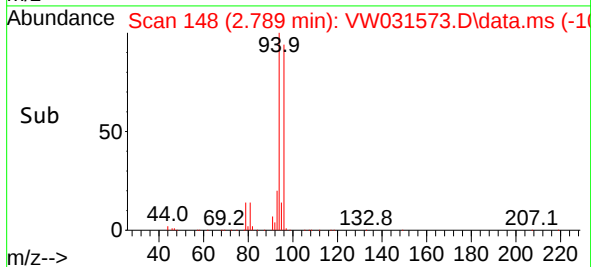
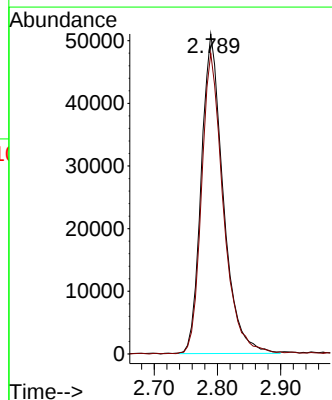
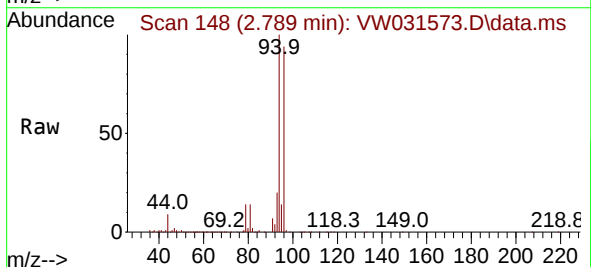
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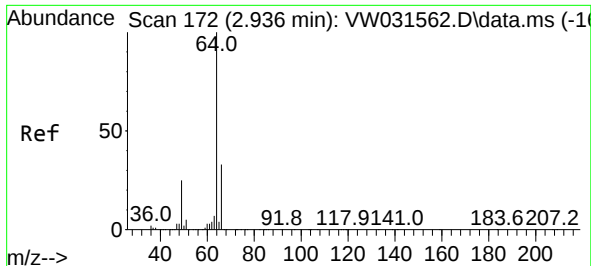
Tgt Ion: 62 Resp: 208025
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.7 42.3



#6
 Bromomethane
 Concen: 19.072 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW031573.D
 Acq: 17 Jan 2025 14:23

Tgt Ion: 94 Resp: 123264
 Ion Ratio Lower Upper
 94 100
 96 94.0 67.6 125.6

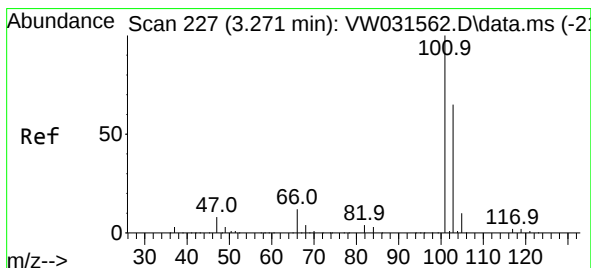
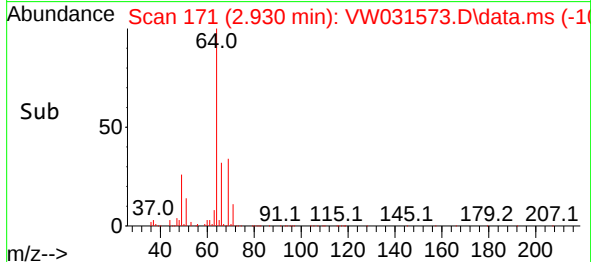
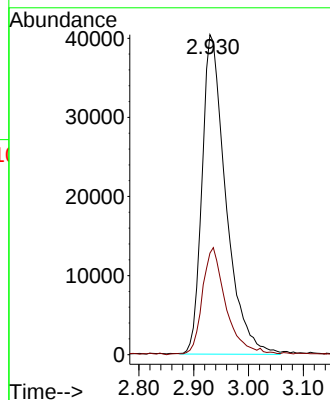
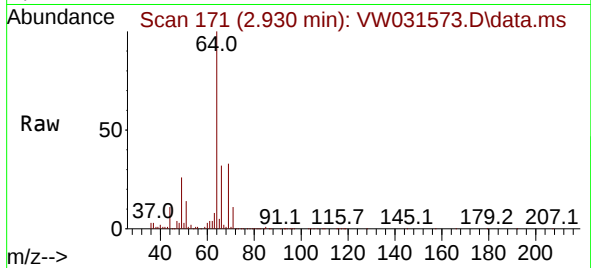




#8
Chloroethane
Concen: 18.769 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

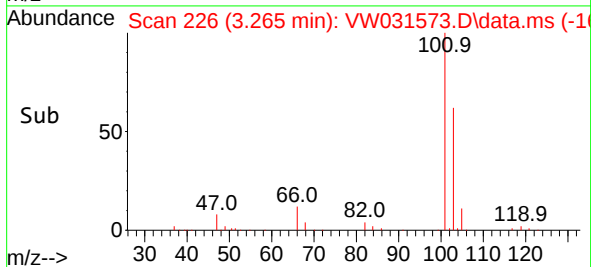
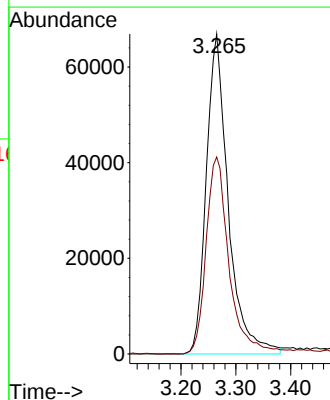
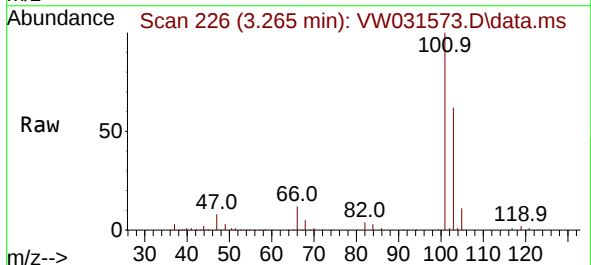
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MSVOA_W
ClientSampleId :

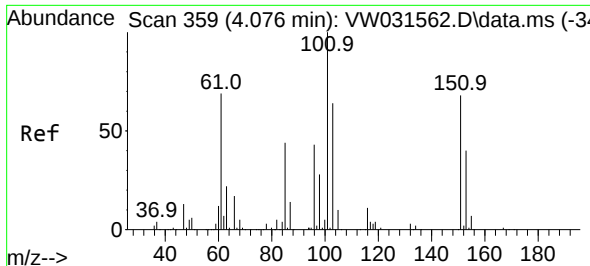
Tgt Ion: 64 Resp: 121999
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 16.907 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

Tgt Ion:101 Resp: 185727
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

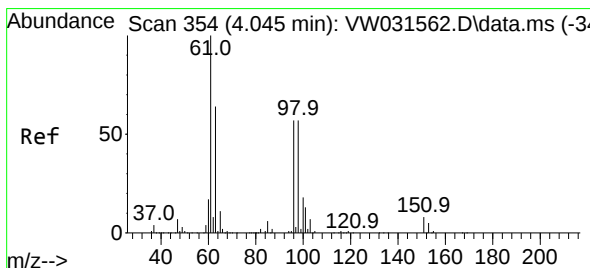
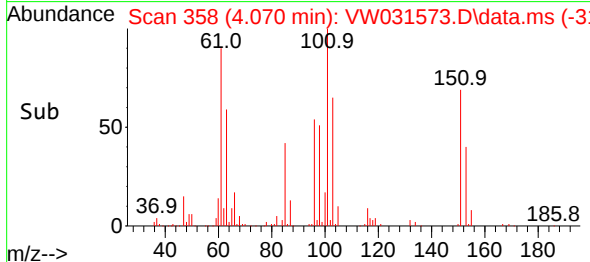
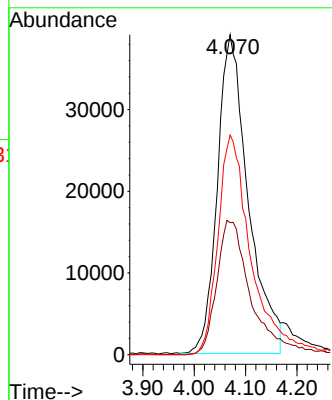
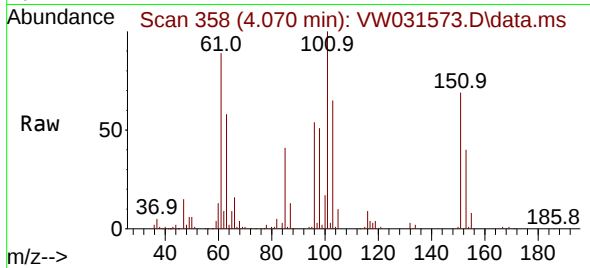




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.392 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW031573.D
 Acq: 17 Jan 2025 14:23

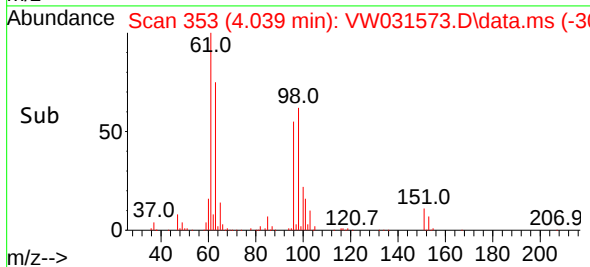
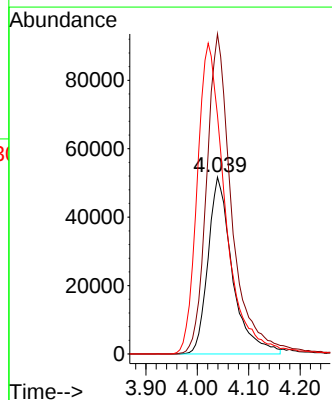
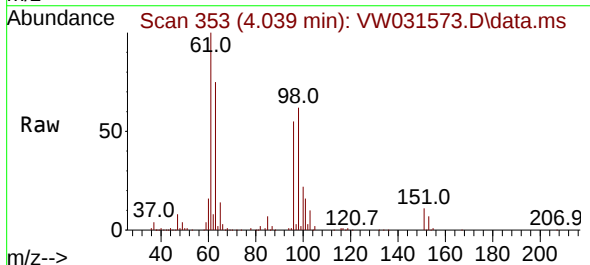
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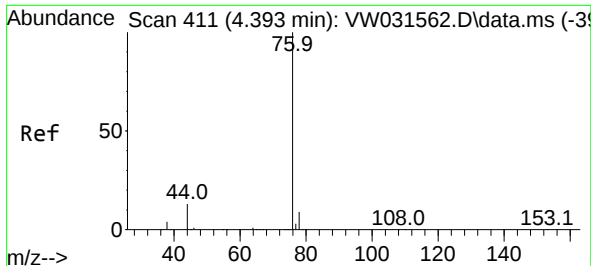
Tgt Ion:101 Resp: 163114
 Ion Ratio Lower Upper
 101 100
 85 46.1 36.1 54.1
 151 74.1 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 19.897 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW031573.D
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Tgt Ion: 96 Resp: 170264
 Ion Ratio Lower Upper
 96 100
 61 181.1 123.8 230.0
 63 135.0 94.1 174.8

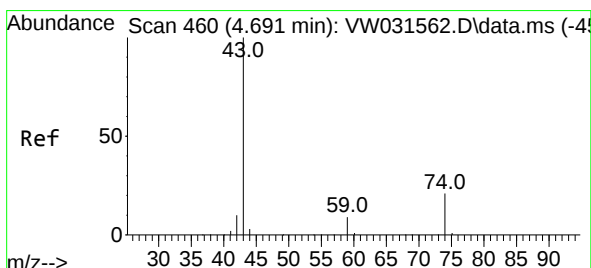
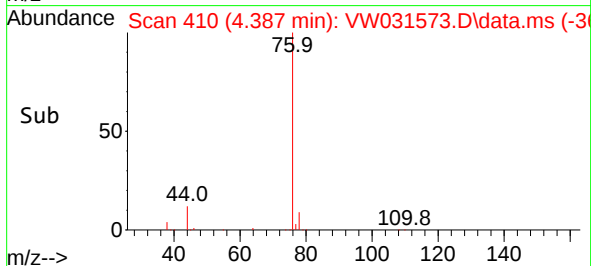
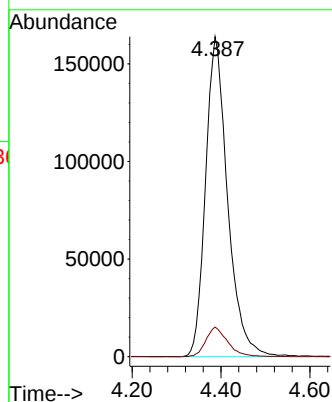
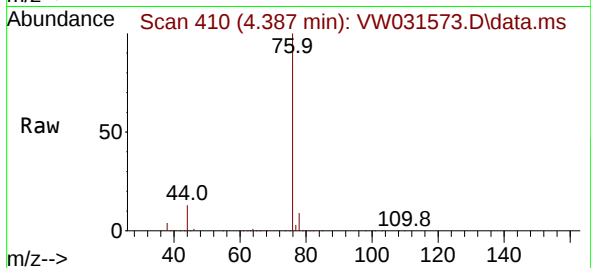




#14
Carbon disulfide
Concen: 19.557 ug/L
RT: 4.387 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

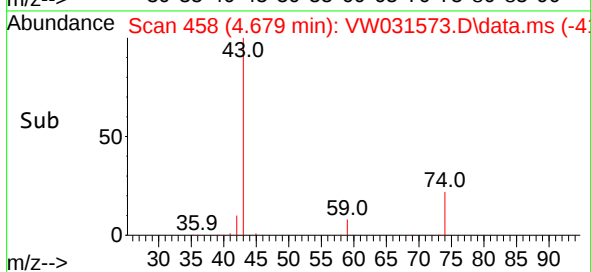
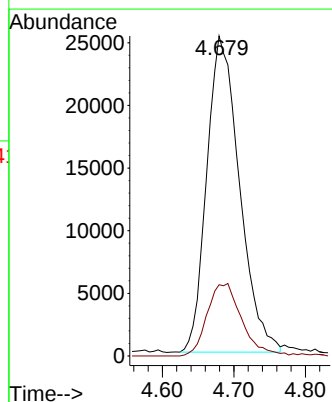
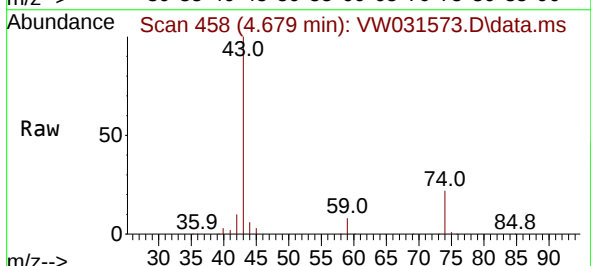
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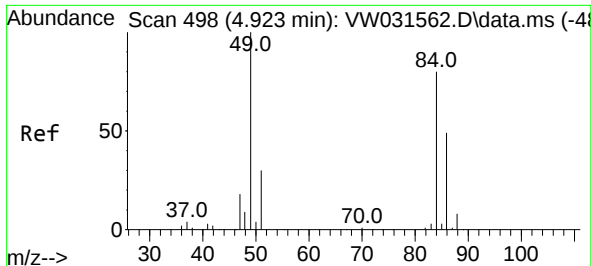
Tgt Ion: 76 Resp: 563720
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#15
Methyl Acetate
Concen: 24.519 ug/L
RT: 4.679 min Scan# 458
Delta R.T. -0.012 min
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Tgt Ion: 43 Resp: 80191
Ion Ratio Lower Upper
43 100
74 24.2 10.6 15.8#

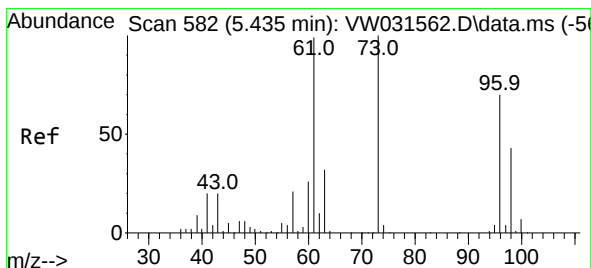
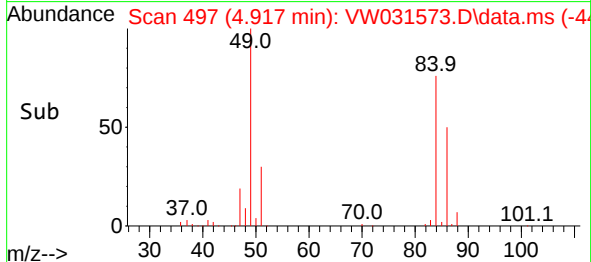
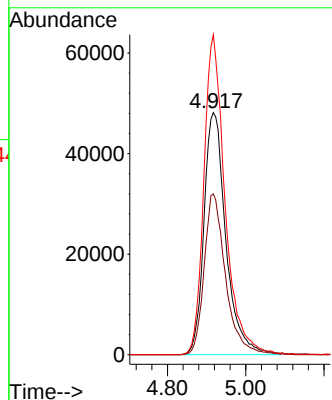
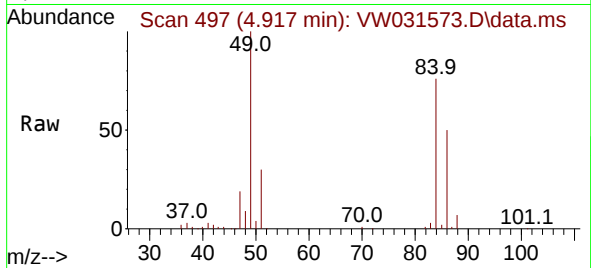




#16
Methylene chloride
Concen: 21.359 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

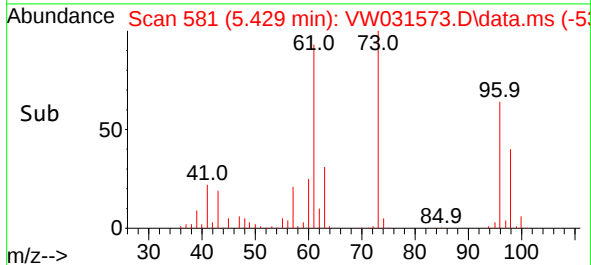
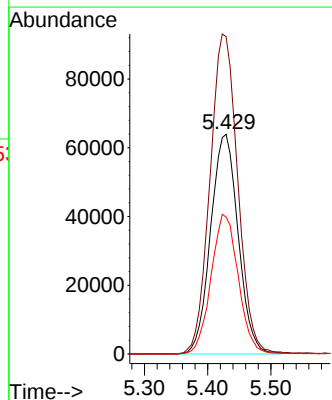
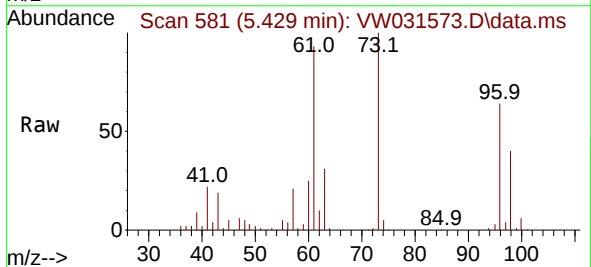
Instrument :
MSVOA_W
ClientSampleId :

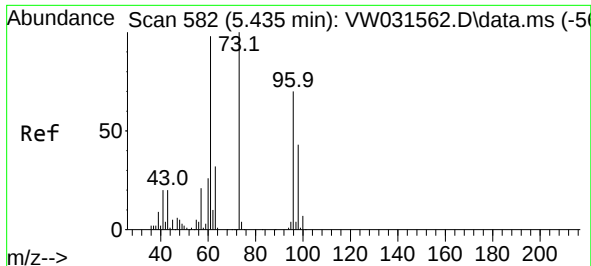
Tgt Ion: 84 Resp: 187067
Ion Ratio Lower Upper
84 100
86 66.5 47.0 87.2
49 132.2 89.8 166.8



#17
trans-1,2-Dichloroethene
Concen: 21.035 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

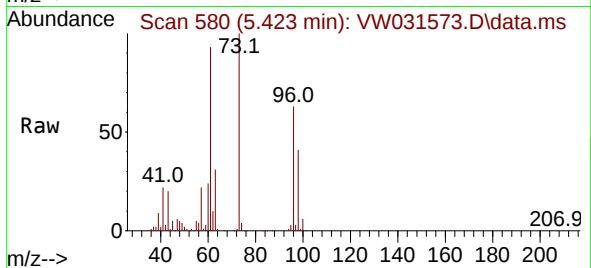
Tgt Ion: 96 Resp: 193324
Ion Ratio Lower Upper
96 100
61 144.5 105.1 195.1
98 62.3 44.9 83.3



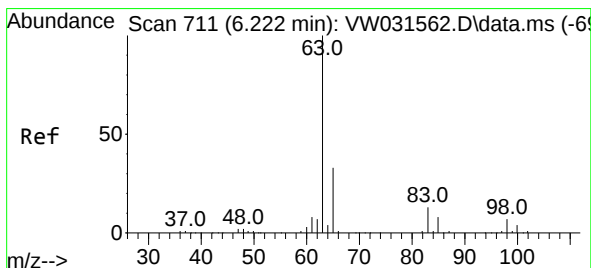
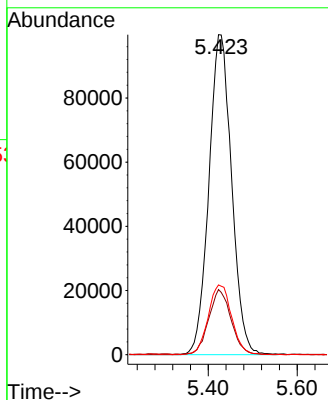
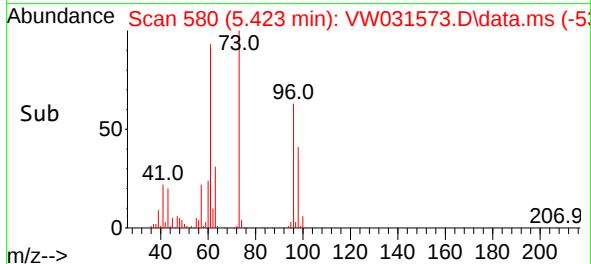


#18
Methyl tert-butyl Ether
Concen: 23.972 ug/L
RT: 5.423 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

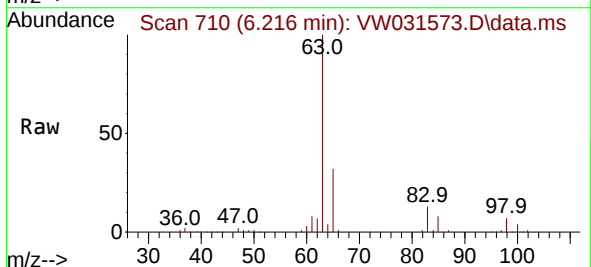
Instrument :
MSVOA_W
ClientSampleId :



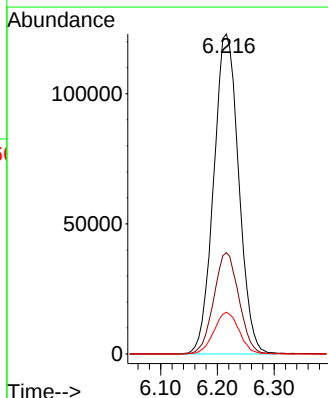
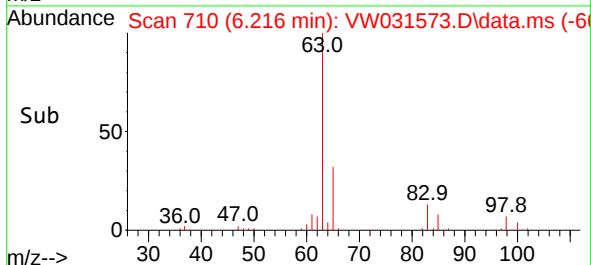
Tgt Ion:	73	Resp:	353284
Ion	Ratio	Lower	Upper
73	100		
43	19.9	16.4	24.6
57	22.5	18.2	27.2

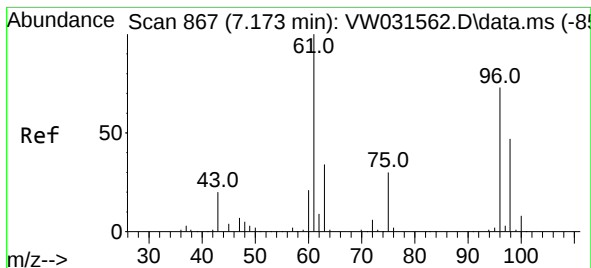


#19
1,1-Dichloroethane
Concen: 21.840 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23



Tgt Ion:	63	Resp:	377656
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.0	41.0
83	13.1	9.0	16.6





#20

cis-1,2-Dichloroethene

Concen: 22.105 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW031573.D

Acq: 17 Jan 2025 14:23

Instrument :

MSVOA_W

ClientSampleId :

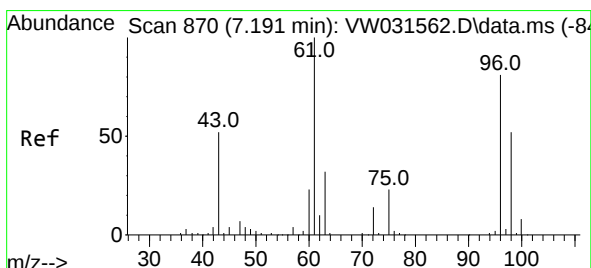
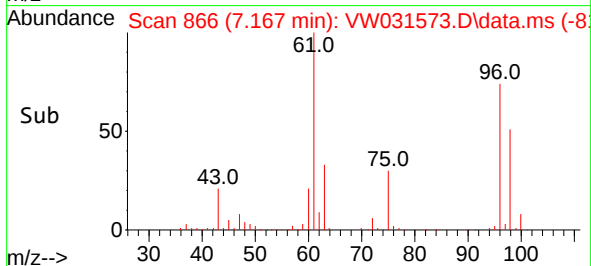
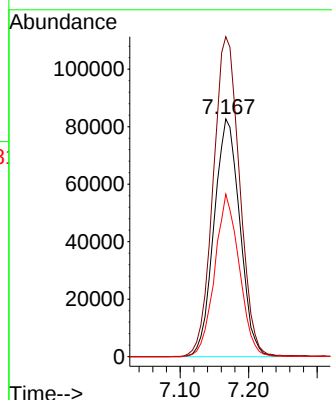
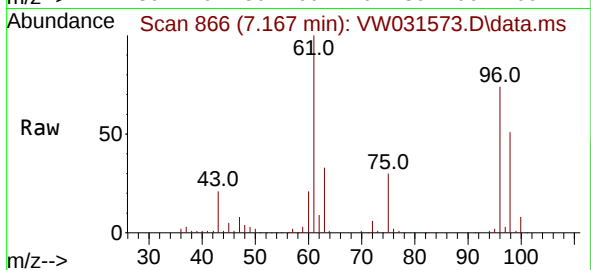
Tgt Ion: 96 Resp: 216920

Ion Ratio Lower Upper

96 100

61 134.6 94.8 176.2

98 68.4 45.6 84.8



#22

2-Butanone

Concen: 48.262 ug/L

RT: 7.185 min Scan# 869

Delta R.T. -0.006 min

Lab File: VW031573.D

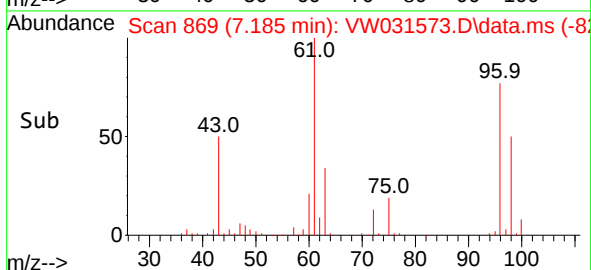
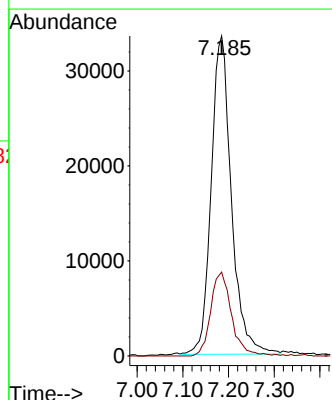
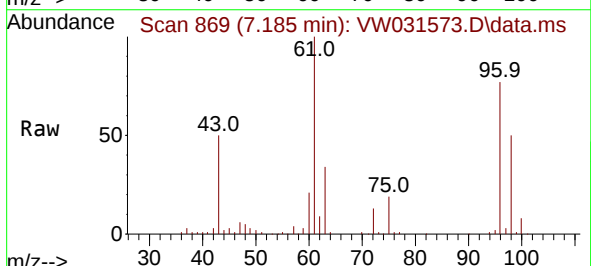
Acq: 17 Jan 2025 14:23

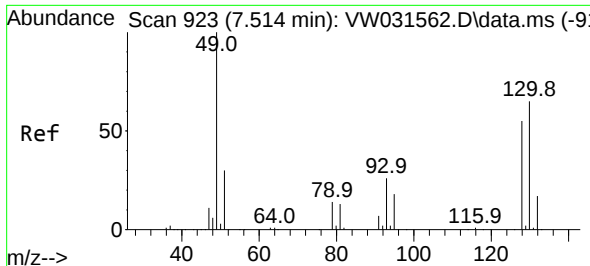
Tgt Ion: 43 Resp: 102904

Ion Ratio Lower Upper

43 100

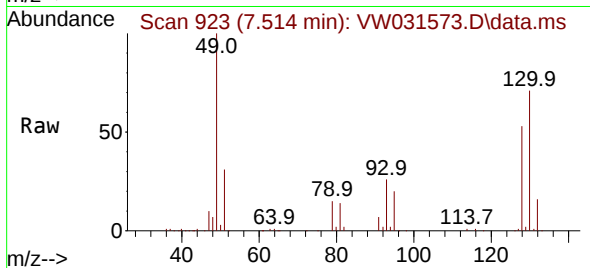
72 26.8 13.2 39.5



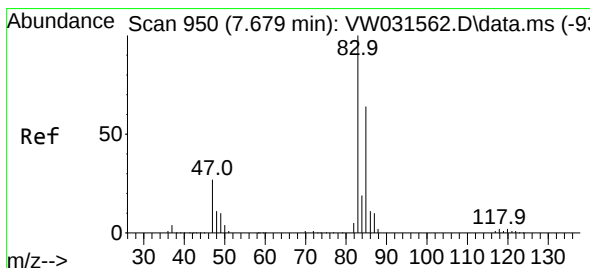
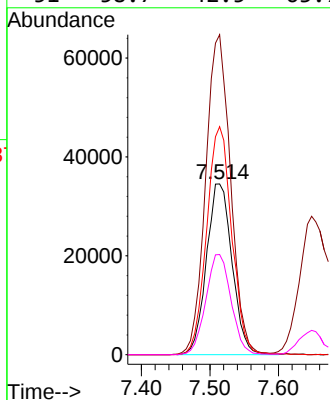
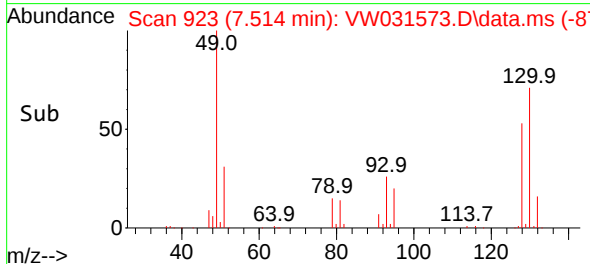


#23
Bromochloromethane
Concen: 23.331 ug/L
RT: 7.514 min Scan# 911
Delta R.T. 0.000 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

Instrument :
MSVOA_W
ClientSampleId :

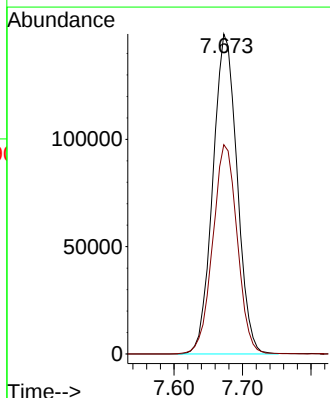
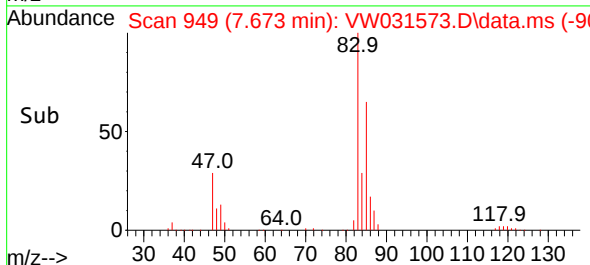
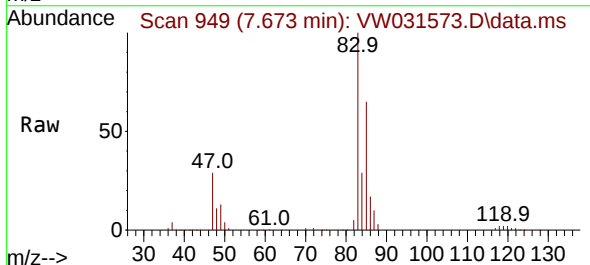


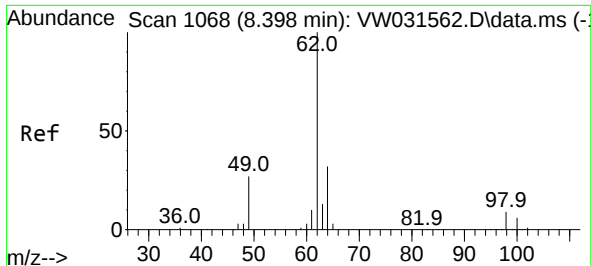
Tgt Ion:128 Resp: 89660
Ion Ratio Lower Upper
128 100
49 187.4 123.9 230.1
130 133.5 88.1 163.7
51 58.7 42.5 63.7



#25
Chloroform
Concen: 22.253 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

Tgt Ion: 83 Resp: 365998
Ion Ratio Lower Upper
83 100
85 65.4 46.2 85.8





#27

1,2-Dichloroethane

Concen: 23.629 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031573.D

Acq: 17 Jan 2025 14:23

Instrument :

MSVOA_W

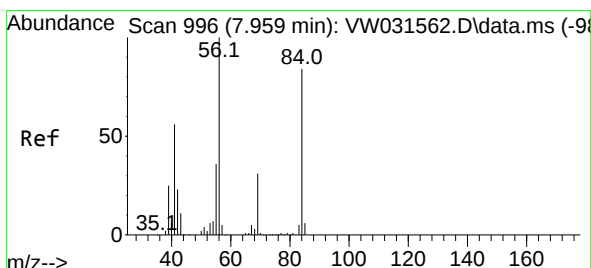
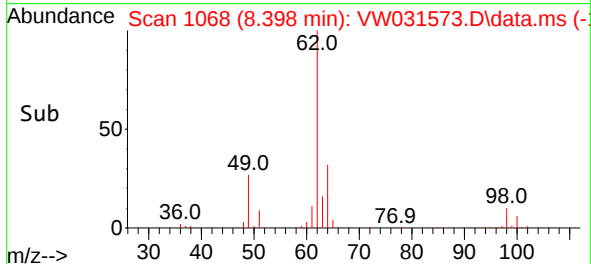
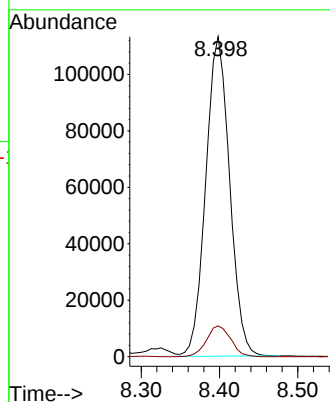
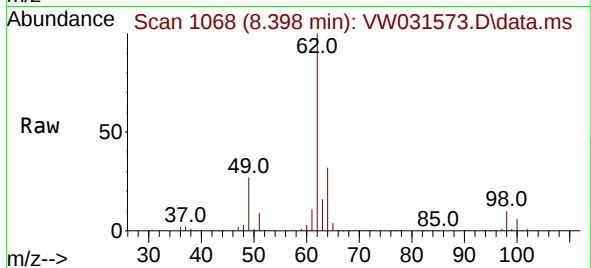
ClientSampleId :

Tgt Ion: 62 Resp: 239363

Ion Ratio Lower Upper

62 100

98 9.6 7.3 10.9



#29

Cyclohexane

Concen: 19.058 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW031573.D

Acq: 17 Jan 2025 14:23

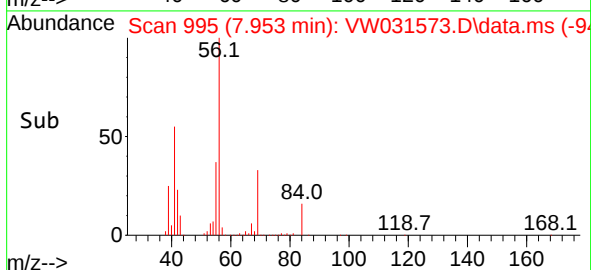
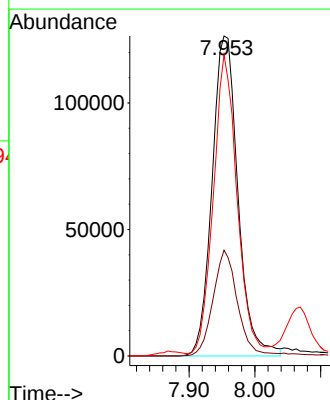
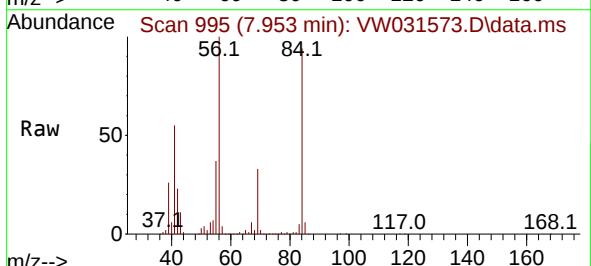
Tgt Ion: 56 Resp: 346729

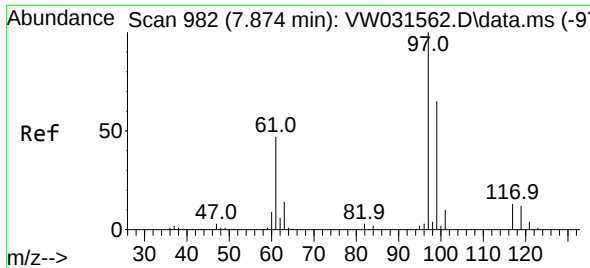
Ion Ratio Lower Upper

56 100

69 31.1 25.2 37.8

84 85.2 66.3 99.5

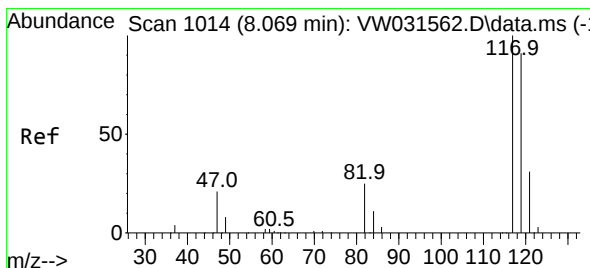
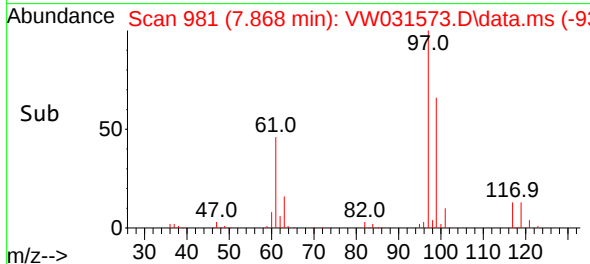
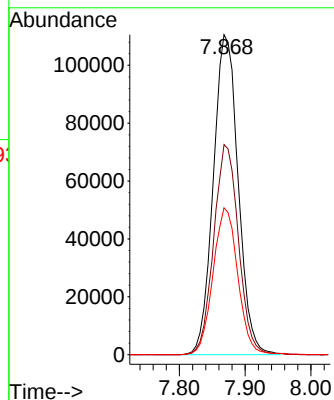
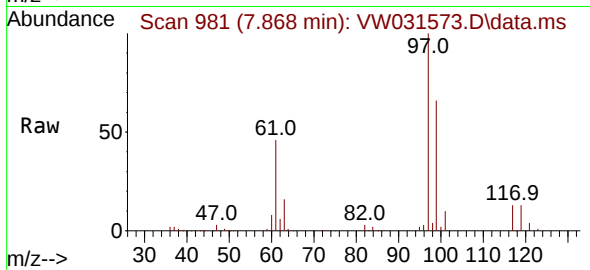




#30
1,1,1-Trichloroethane
Concen: 19.763 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

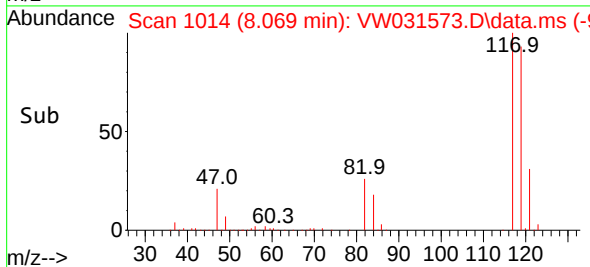
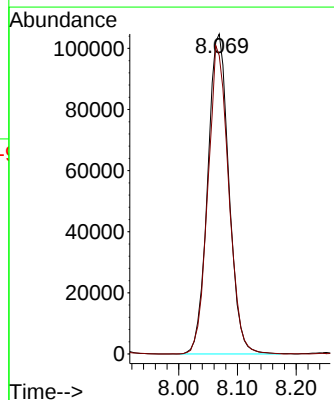
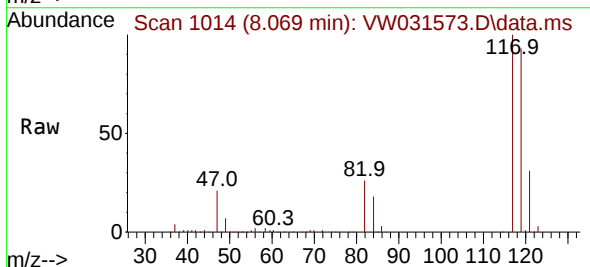
Instrument :
MSVOA_W
ClientSampleId :

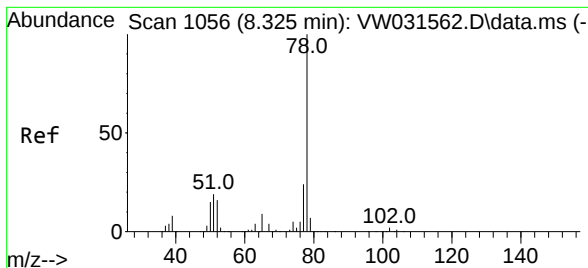
Tgt Ion: 97 Resp: 291219
Ion Ratio Lower Upper
97 100
99 65.4 52.2 78.4
61 45.7 36.9 55.3



#31
Carbon tetrachloride
Concen: 20.104 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

Tgt Ion: 117 Resp: 262652
Ion Ratio Lower Upper
117 100
119 94.7 77.4 116.0





#33

Benzene

Concen: 21.250 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW031573.D

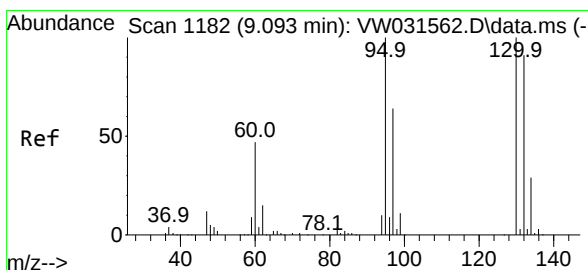
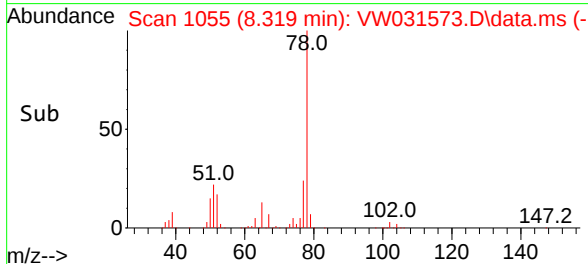
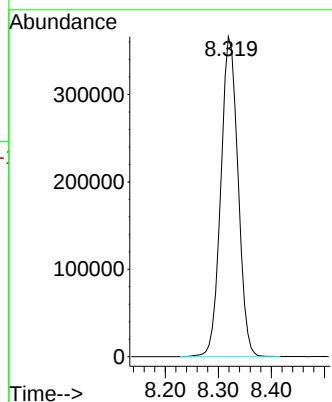
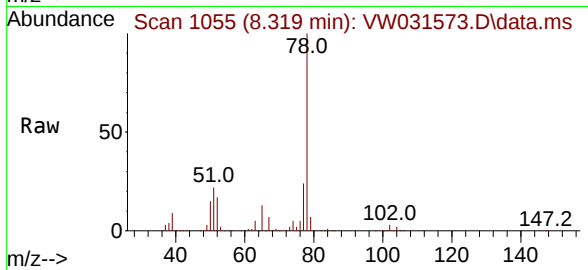
Acq: 17 Jan 2025 14:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 825563



#34

Trichloroethene

Concen: 20.383 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW031573.D

Acq: 17 Jan 2025 14:23

Tgt Ion: 95 Resp: 212893

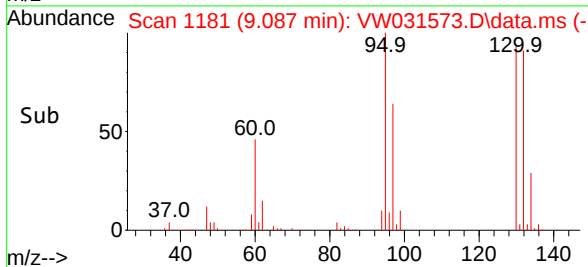
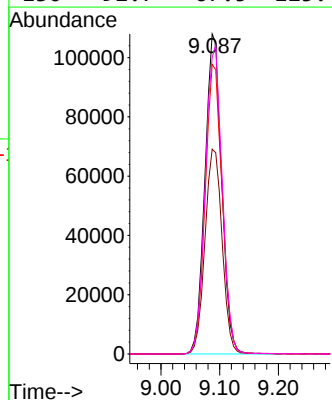
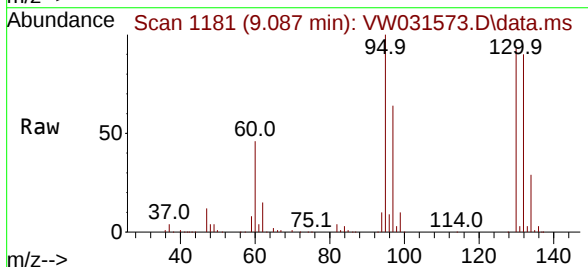
Ion Ratio Lower Upper

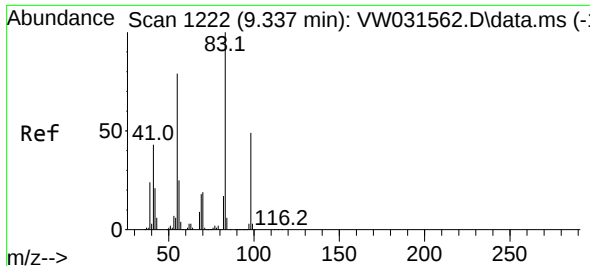
95 100

97 64.0 44.0 81.6

132 90.5 64.6 120.0

130 92.7 67.5 125.4

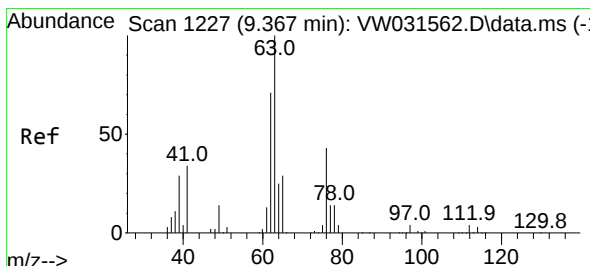
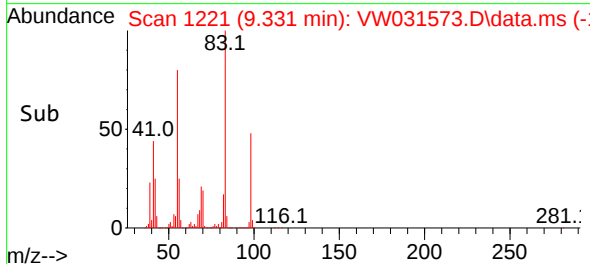
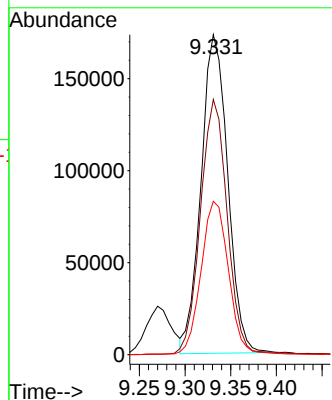
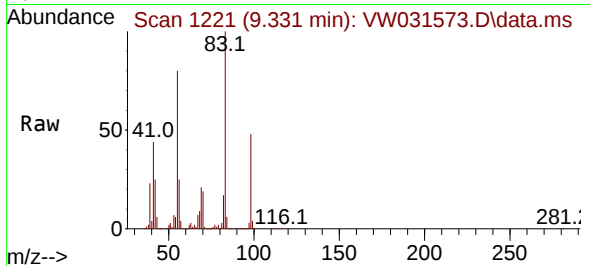




#35
Methylcyclohexane
Concen: 18.793 ug/L
RT: 9.331 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

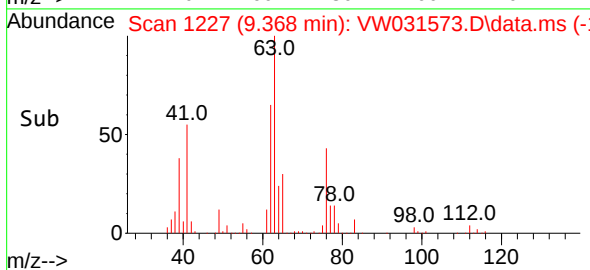
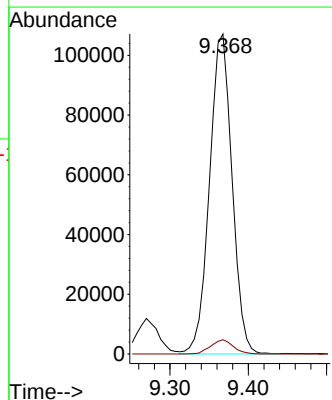
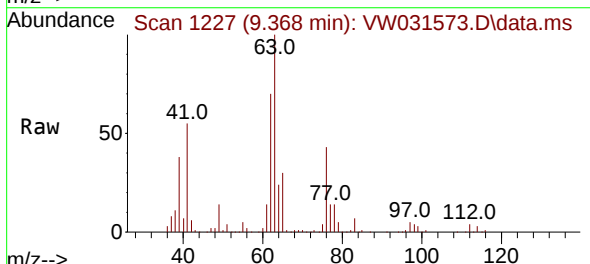
Instrument :
MSVOA_W
ClientSampleId :

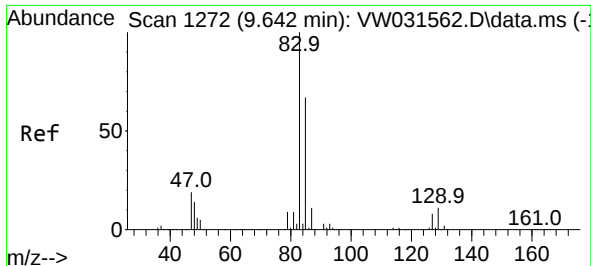
Tgt Ion: 83 Resp: 351912
Ion Ratio Lower Upper
83 100
55 80.6 63.4 95.2
98 49.2 38.8 58.2



#37
1,2-Dichloropropane
Concen: 21.943 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

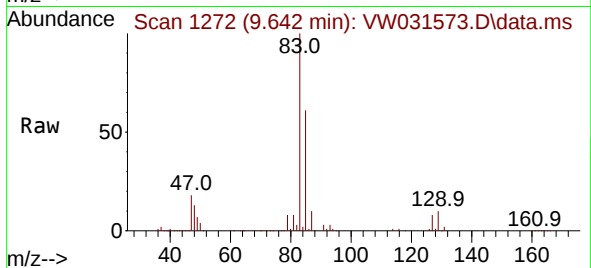
Tgt Ion: 63 Resp: 214263
Ion Ratio Lower Upper
63 100
112 4.4 3.6 5.4



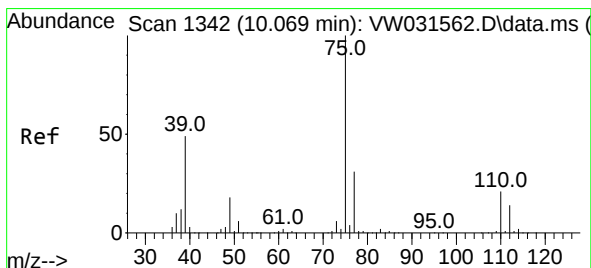
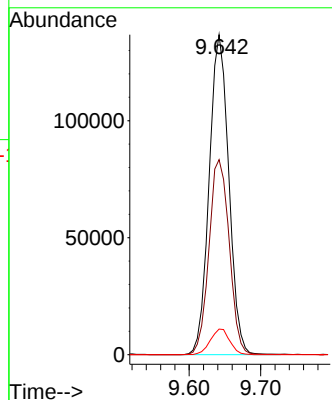
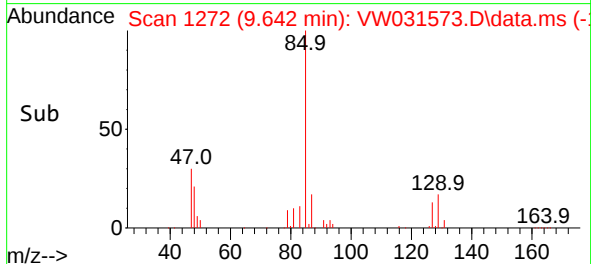


#38
Bromodichloromethane
Concen: 22.063 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

Instrument :
MSVOA_W
ClientSampleId :

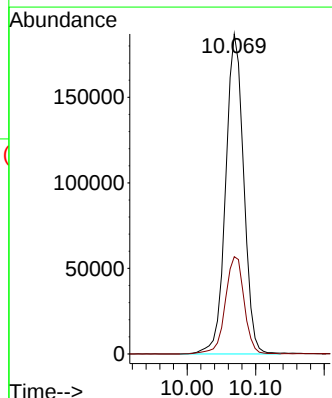
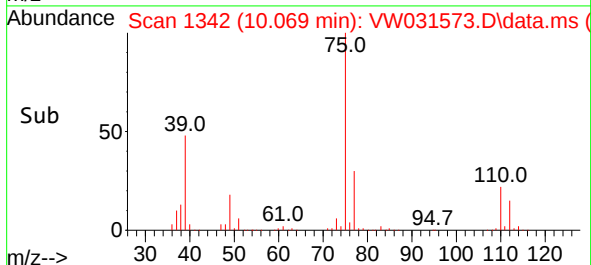
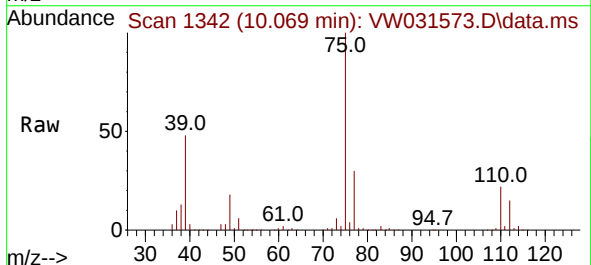


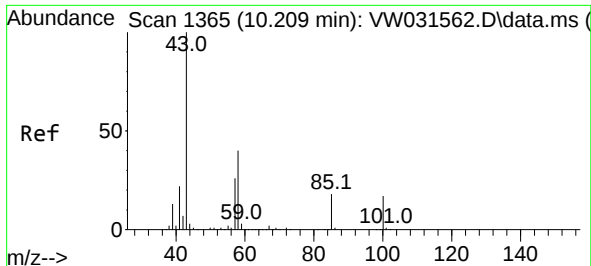
Tgt Ion: 83 Resp: 260594
Ion Ratio Lower Upper
83 100
85 60.9 43.8 81.3
127 8.0 6.2 9.4



#39
cis-1,3-Dichloropropene
Concen: 22.234 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

Tgt Ion: 75 Resp: 341522
Ion Ratio Lower Upper
75 100
77 30.4 21.6 40.2

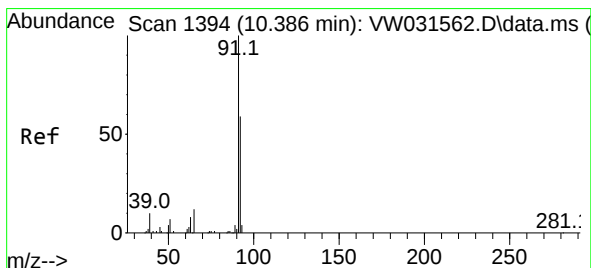
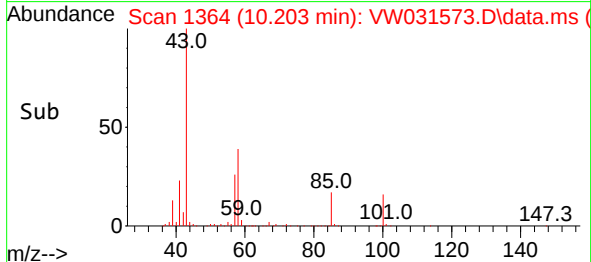
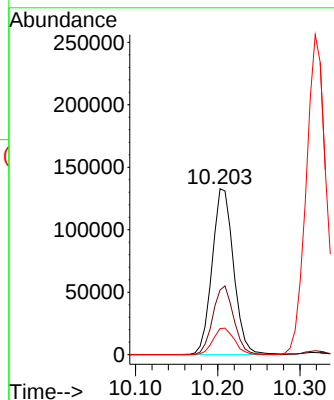
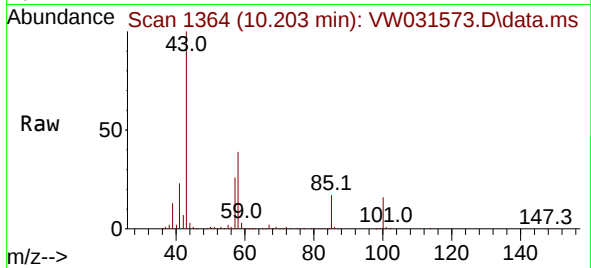




#40
4-Methyl-2-pentanone
Concen: 49.442 ug/L
RT: 10.203 min Scan# 1364
Delta R.T. -0.006 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

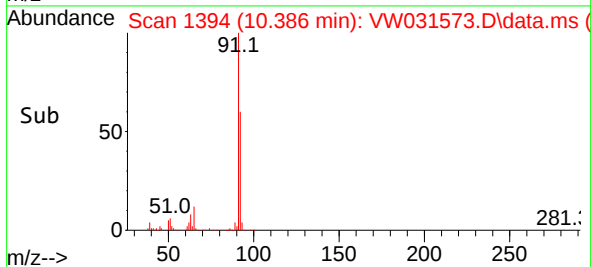
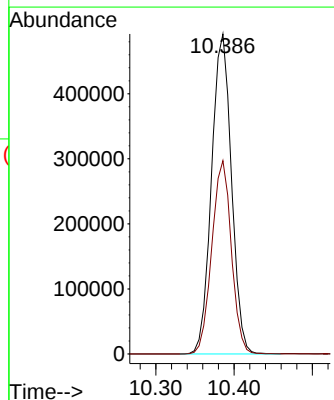
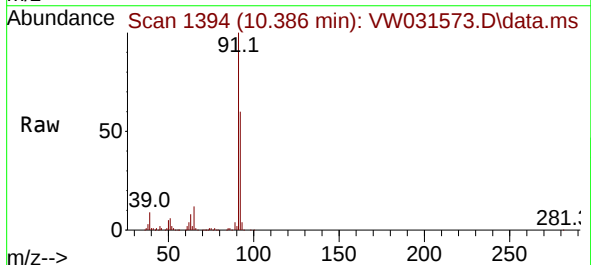
Instrument :
MSVOA_W
ClientSampleId :

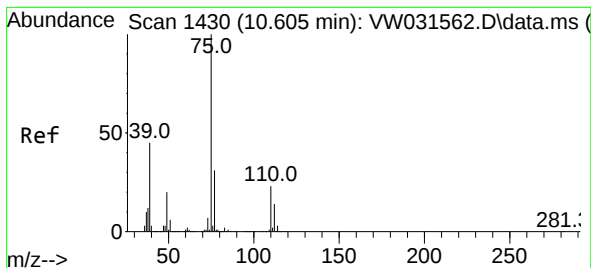
Tgt Ion: 43 Resp: 240971
Ion Ratio Lower Upper
43 100
58 40.3 31.4 47.2
100 16.0 12.3 18.5



#42
Toluene
Concen: 21.369 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

Tgt Ion: 91 Resp: 867801
Ion Ratio Lower Upper
91 100
92 60.4 40.6 75.4

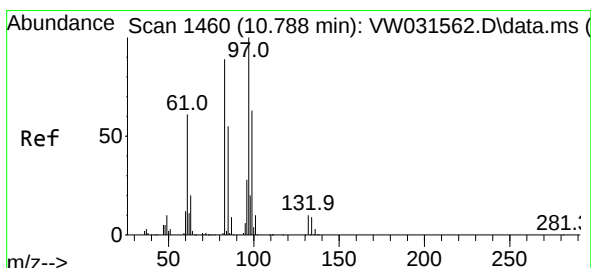
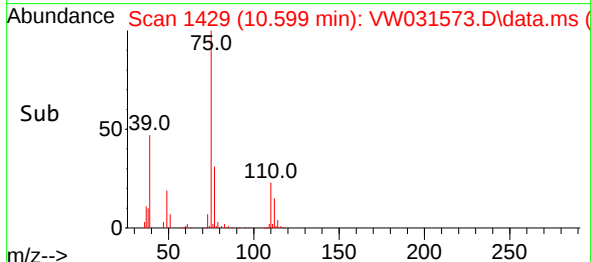
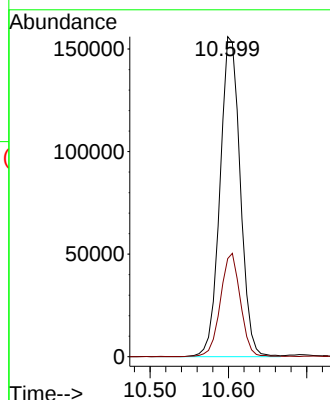
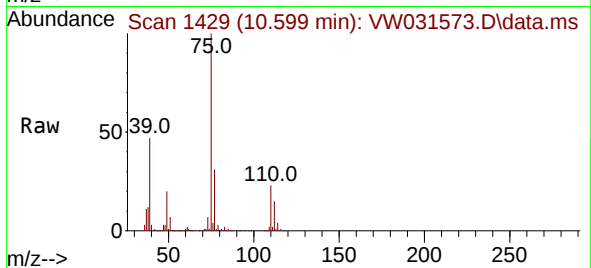




#44
trans-1,3-Dichloropropene
Concen: 22.887 ug/L
RT: 10.599 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

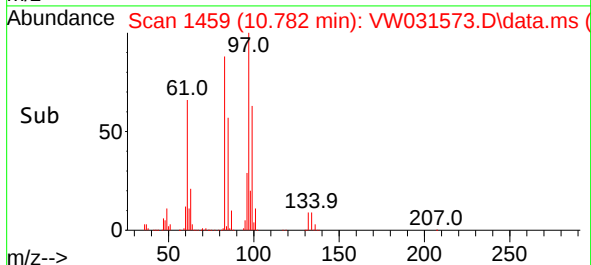
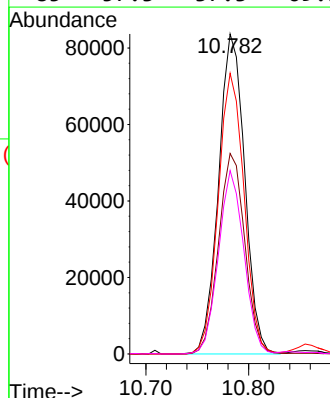
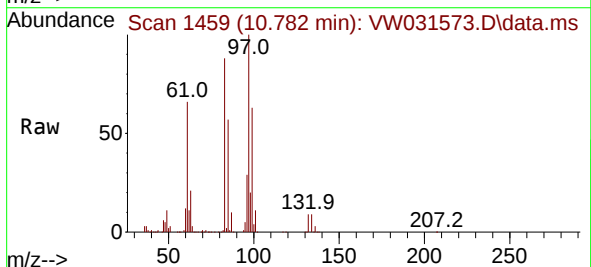
Instrument :
MSVOA_W
ClientSampleId :

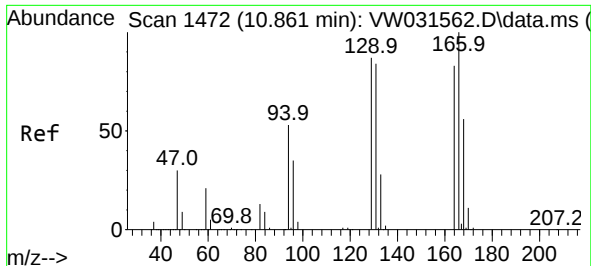
Tgt Ion: 75 Resp: 280997
Ion Ratio Lower Upper
75 100
77 30.7 22.5 41.9



#45
1,1,2-Trichloroethane
Concen: 23.612 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

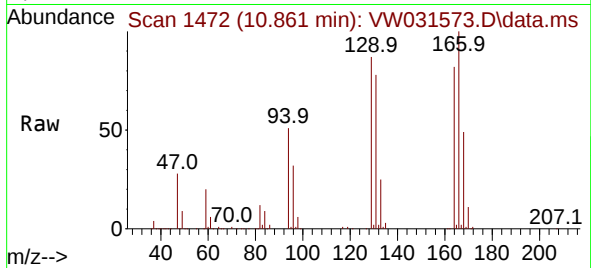
Tgt Ion: 97 Resp: 147781
Ion Ratio Lower Upper
97 100
99 62.7 42.6 79.2
83 87.7 59.6 110.8
85 57.3 37.3 69.3



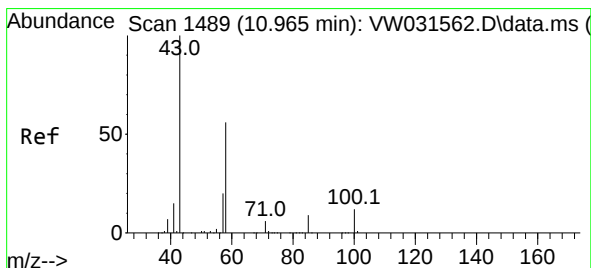
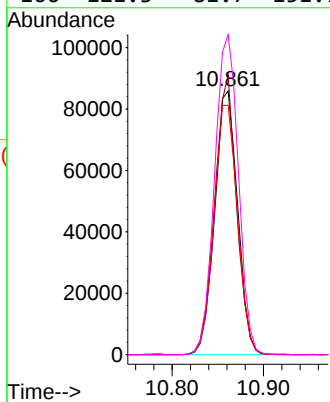
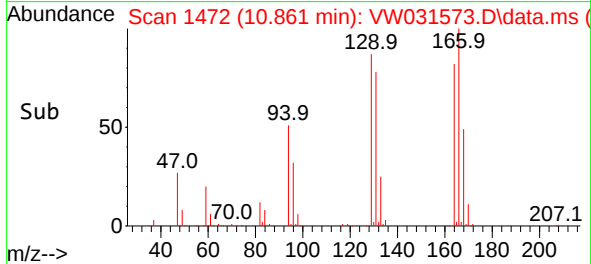


#46
Tetrachloroethene
Concen: 19.938 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

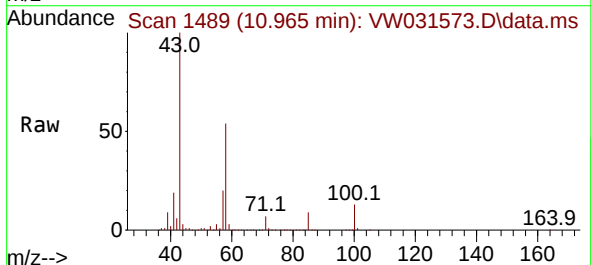
Instrument :
MSVOA_W
ClientSampleId :



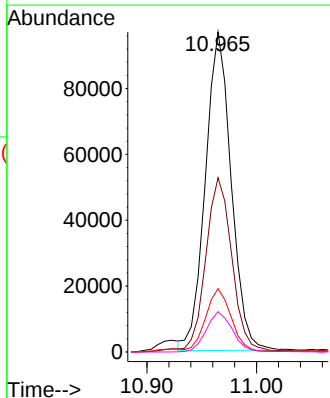
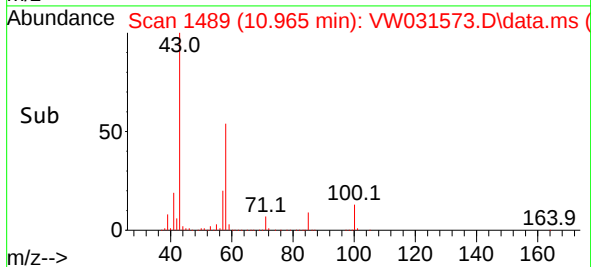
Tgt Ion:	164	Resp:	149437
Ion Ratio	Lower	Upper	
164	100		
129	106.1	69.8	129.6
131	94.6	63.1	117.1
166	121.3	81.7	151.7

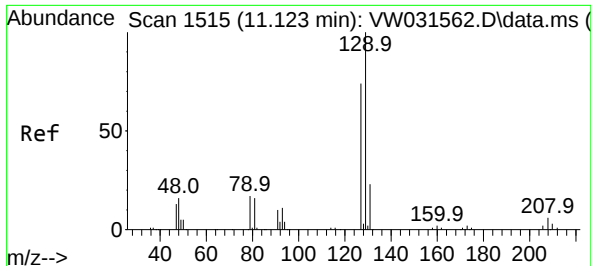


#48
2-Hexanone
Concen: 53.202 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23



Tgt Ion:	43	Resp:	158455
Ion Ratio	Lower	Upper	
43	100		
58	55.1	44.8	67.2
57	19.4	15.6	23.4
100	12.7	9.3	13.9





#49

Dibromochloromethane

Concen: 23.152 ug/L

RT: 11.123 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031573.D

Acq: 17 Jan 2025 14:23

Instrument :

MSVOA_W

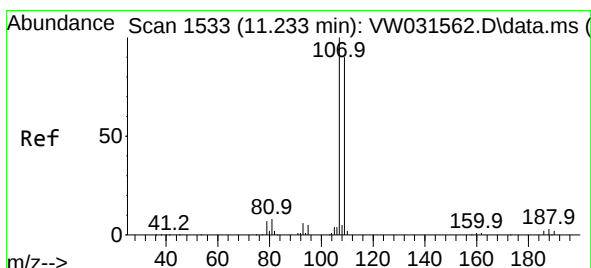
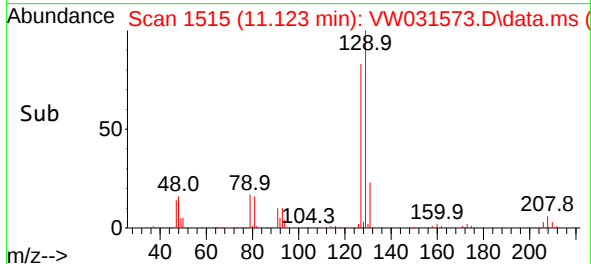
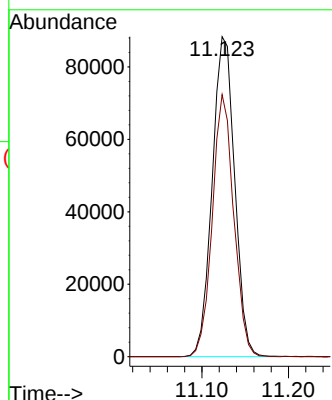
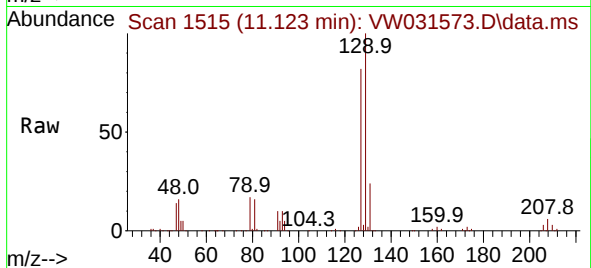
ClientSampleId :

Tgt Ion:129 Resp: 159437

Ion Ratio Lower Upper

129 100

127 81.9 53.0 98.4



#50

1,2-Dibromoethane

Concen: 24.026 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031573.D

Acq: 17 Jan 2025 14:23

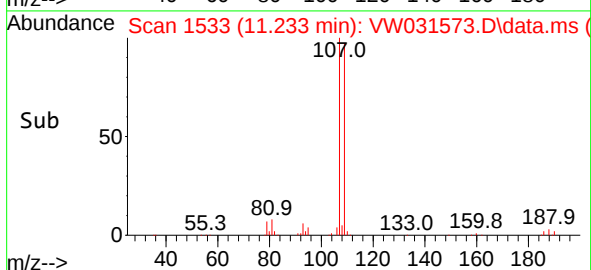
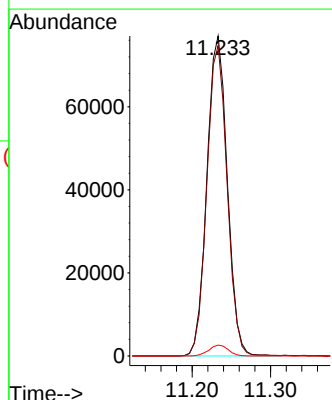
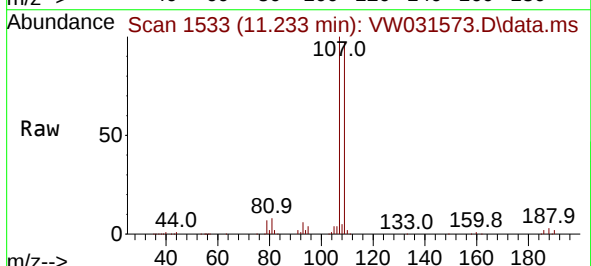
Tgt Ion:107 Resp: 139366

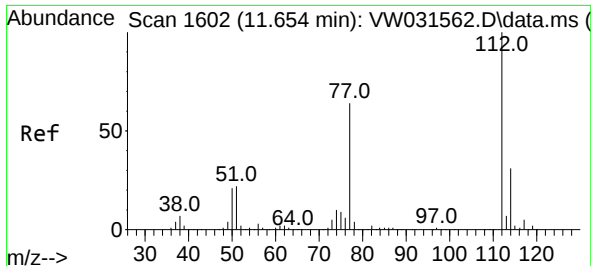
Ion Ratio Lower Upper

107 100

109 97.0 63.8 118.4

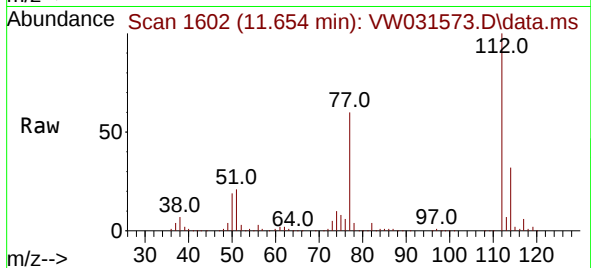
188 3.4 2.6 3.8



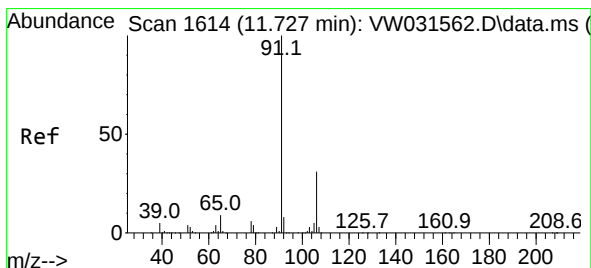
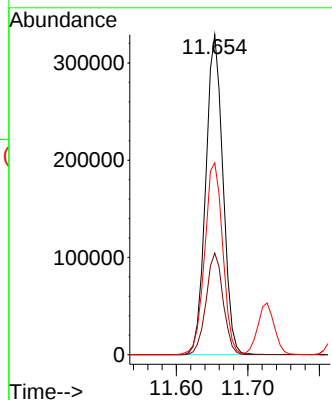
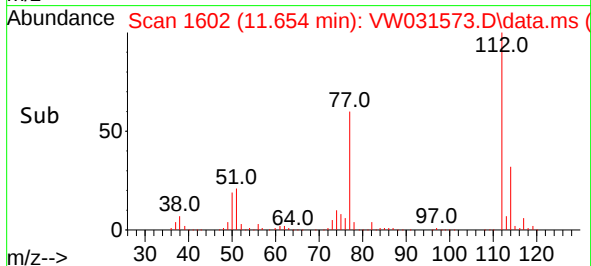


#51
Chlorobenzene
Concen: 21.898 ug/L
RT: 11.654 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

Instrument :
MSVOA_W
ClientSampleId :

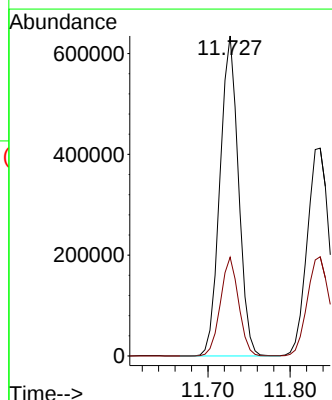
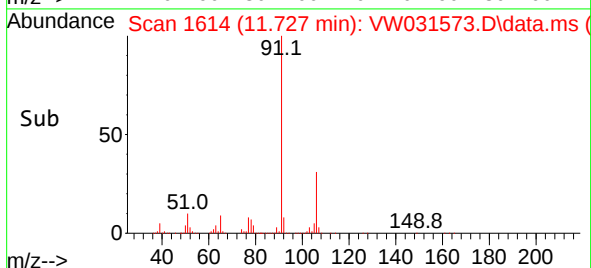
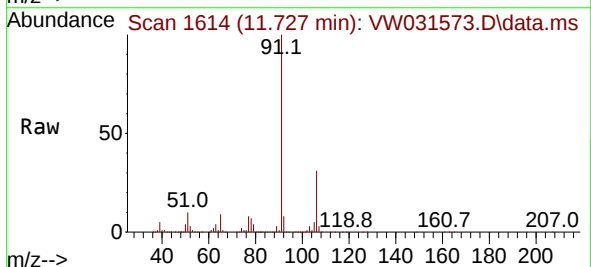


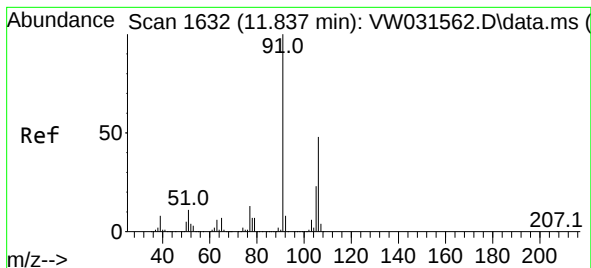
Tgt Ion:112 Resp: 549132
Ion Ratio Lower Upper
112 100
114 31.7 22.0 40.8
77 60.0 49.0 73.4



#52
Ethylbenzene
Concen: 21.327 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

Tgt Ion: 91 Resp: 993755
Ion Ratio Lower Upper
91 100
106 30.8 22.3 41.3

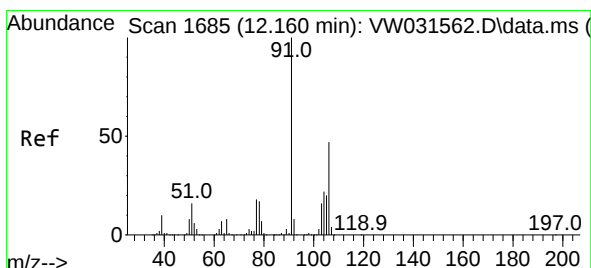
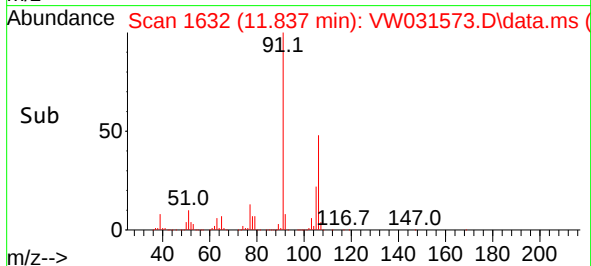
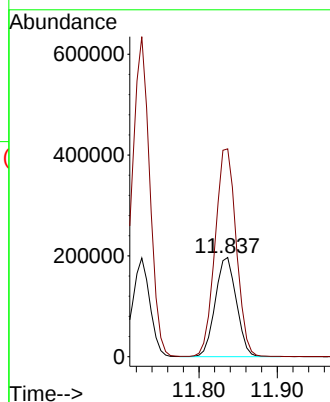
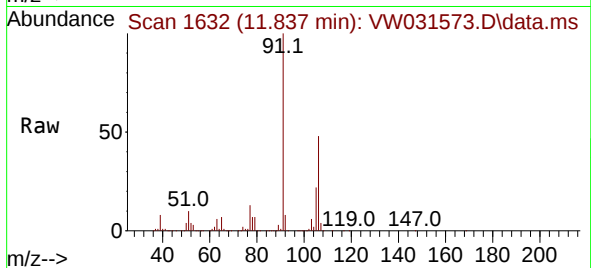




#53
m,p-Xylene
Concen: 20.786 ug/L
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

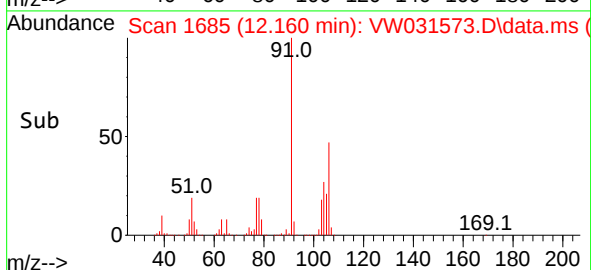
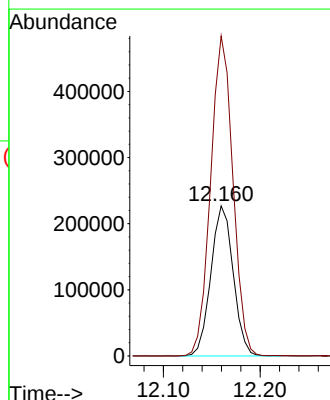
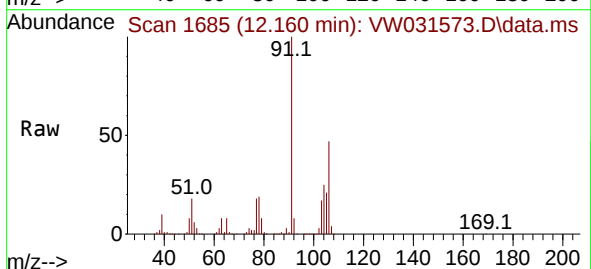
Instrument :
MSVOA_W
ClientSampleId :

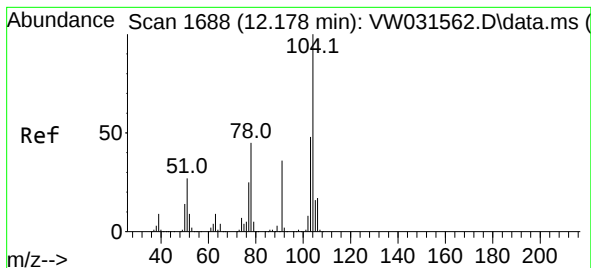
Tgt Ion:106 Resp: 369297
Ion Ratio Lower Upper
106 100
91 209.6 145.9 270.9



#54
o-Xylene
Concen: 22.002 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

Tgt Ion:106 Resp: 363277
Ion Ratio Lower Upper
106 100
91 213.1 152.9 284.1





#55

Styrene

Concen: 22.361 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031573.D

Acq: 17 Jan 2025 14:23

Instrument :

MSVOA_W

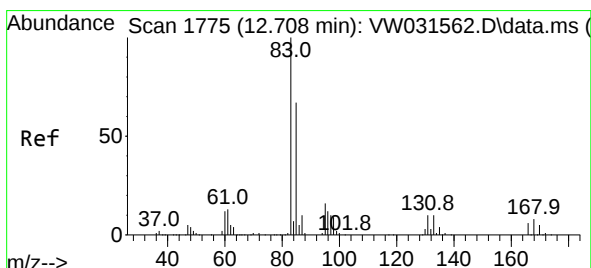
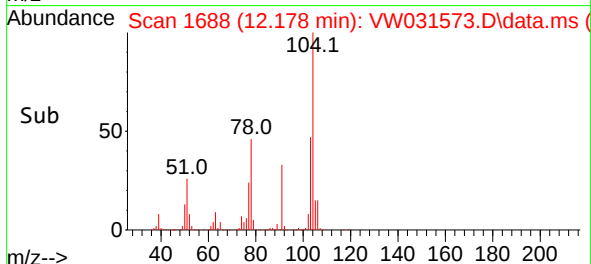
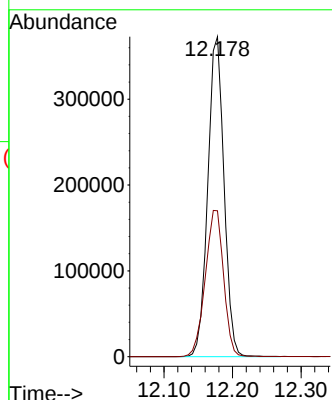
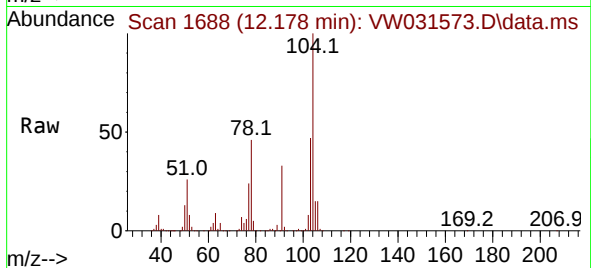
ClientSampleId :

Tgt Ion:104 Resp: 614344

Ion Ratio Lower Upper

104 100

78 45.6 32.0 59.4



#57

1,1,2,2-Tetrachloroethane

Concen: 24.931 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW031573.D

Acq: 17 Jan 2025 14:23

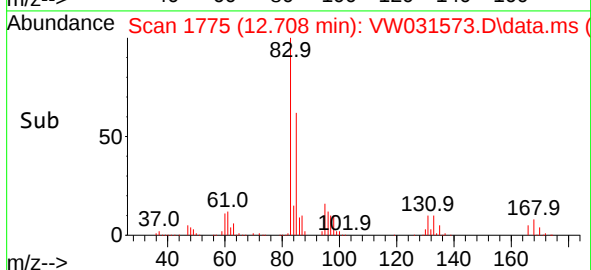
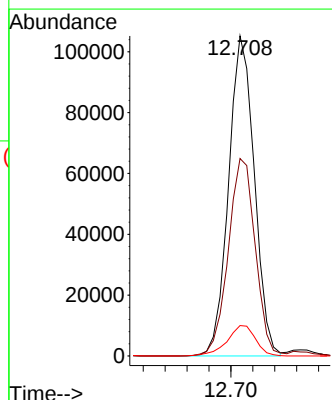
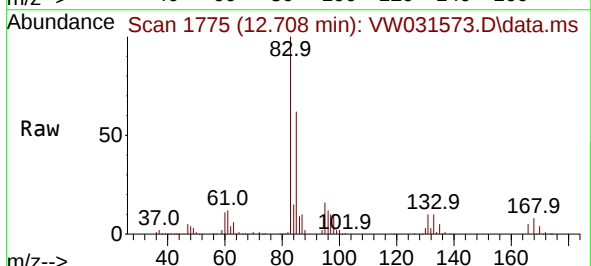
Tgt Ion: 83 Resp: 171459

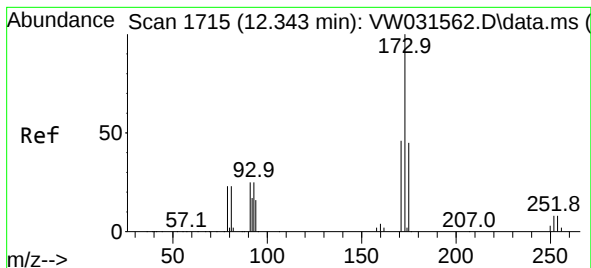
Ion Ratio Lower Upper

83 100

85 61.7 44.1 81.9

131 9.5 7.4 11.0





#59

Bromoform

Concen: 23.800 ug/L

RT: 12.349 min Scan# 1

Delta R.T. 0.006 min

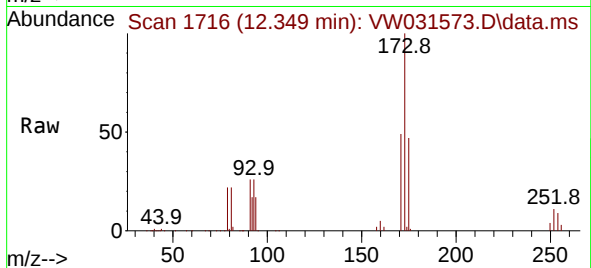
Lab File: VW031573.D

Acq: 17 Jan 2025 14:23

Instrument :

MSVOA_W

ClientSampleId :



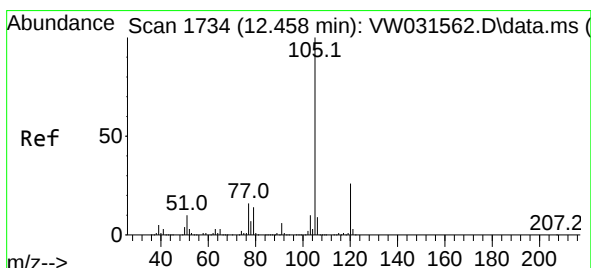
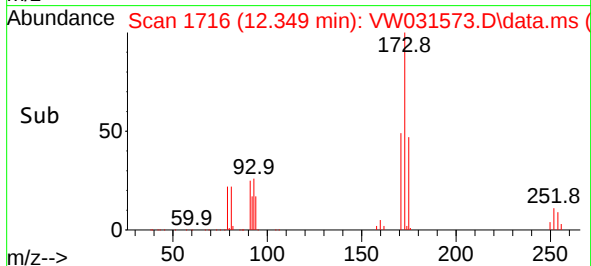
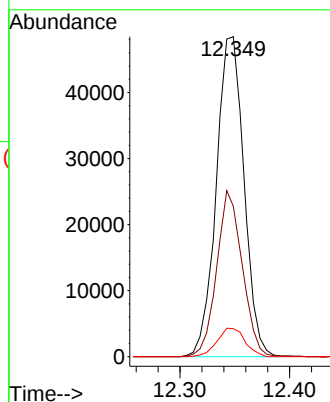
Tgt Ion:173 Resp: 85155

Ion Ratio Lower Upper

173 100

175 47.9 37.7 56.5

254 9.0 7.1 10.7



#60

Isopropylbenzene

Concen: 20.592 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW031573.D

Acq: 17 Jan 2025 14:23

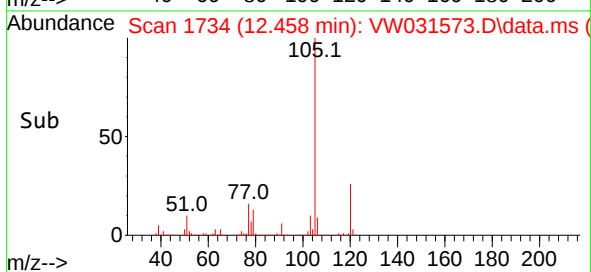
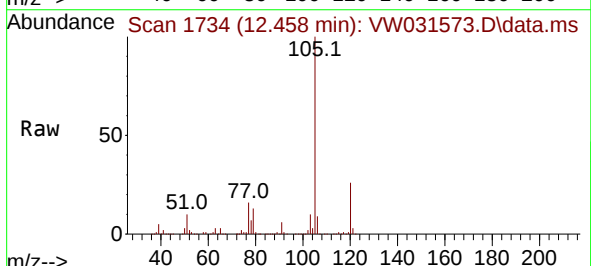
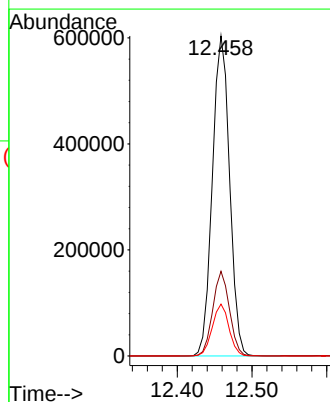
Tgt Ion:105 Resp: 965923

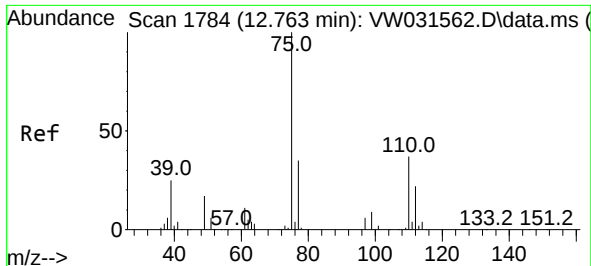
Ion Ratio Lower Upper

105 100

120 25.7 20.1 30.1

77 15.7 12.7 19.1

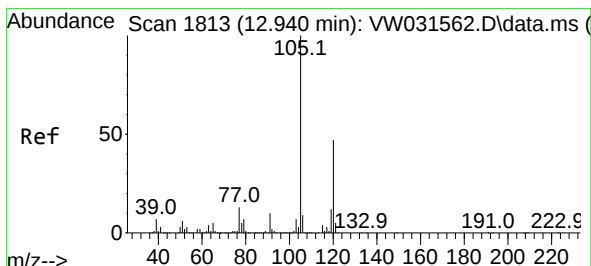
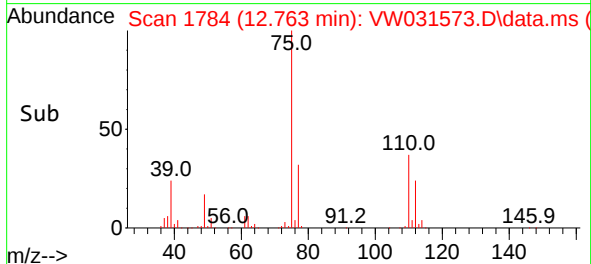
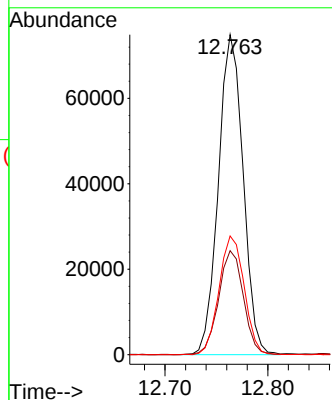
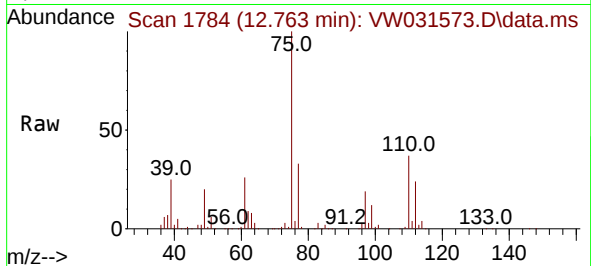




#61
 1,2,3-Trichloropropane
 Concen: 24.804 ug/L
 RT: 12.763 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW031573.D
 Acq: 17 Jan 2025 14:23

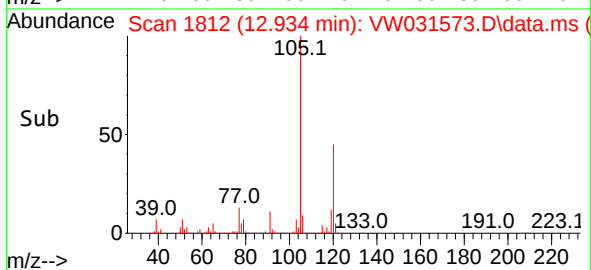
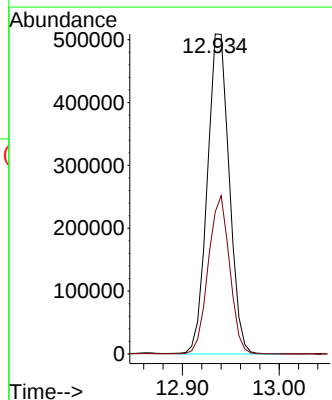
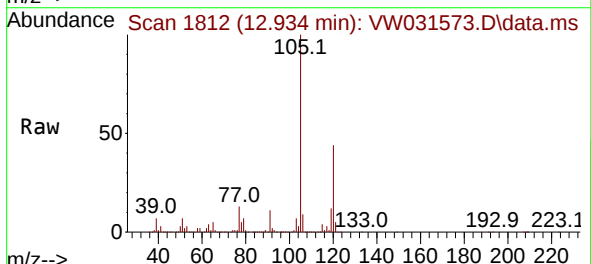
Instrument :
 MSVOA_W
 ClientSampleId :

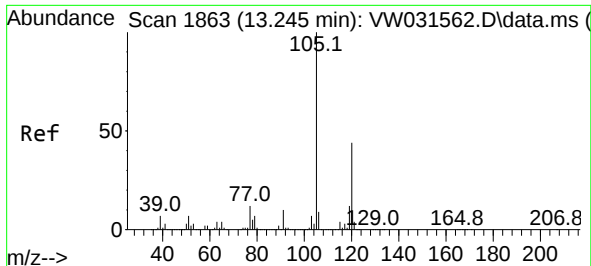
Tgt Ion: 75 Resp: 125074
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.2 39.2
 110 37.7 29.6 44.4



#62
 1,3,5-Trimethylbenzene
 Concen: 20.785 ug/L
 RT: 12.934 min Scan# 1812
 Delta R.T. -0.006 min
 Lab File: VW031573.D
 Acq: 17 Jan 2025 14:23

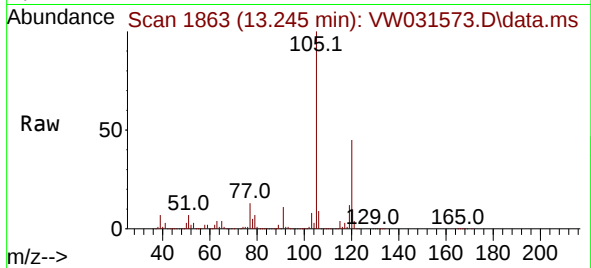
Tgt Ion:105 Resp: 802791
 Ion Ratio Lower Upper
 105 100
 120 48.2 37.6 56.4



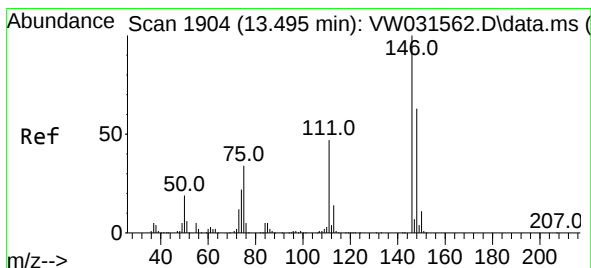
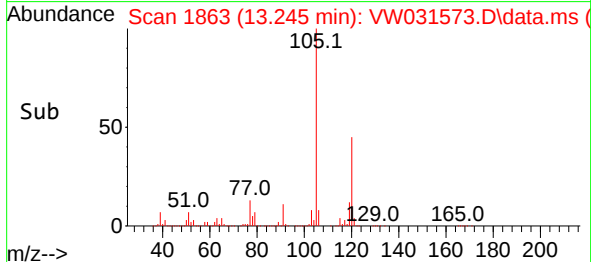
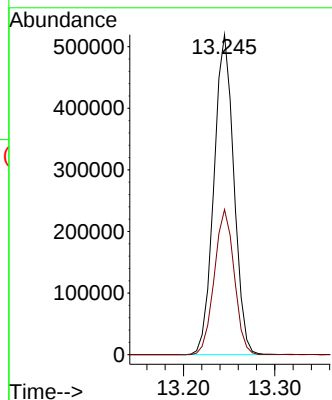


#63
 1,2,4-Trimethylbenzene
 Concen: 20.907 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW031573.D
 Acq: 17 Jan 2025 14:23

Instrument :
 MSVOA_W
 ClientSampleId :

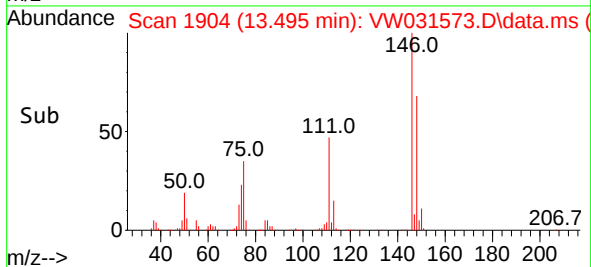
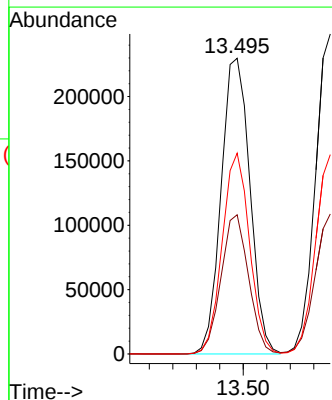
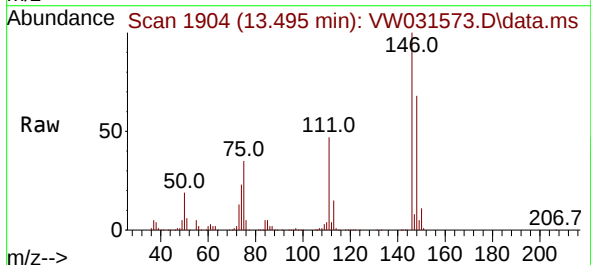


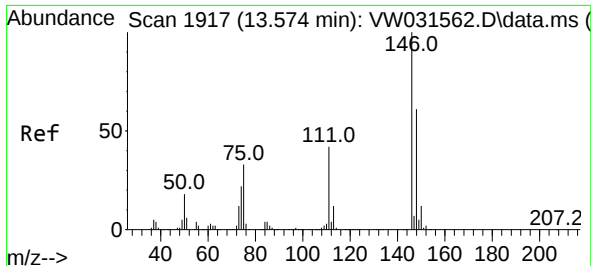
Tgt Ion:105 Resp: 785938
 Ion Ratio Lower Upper
 105 100
 120 45.3 36.3 54.5



#64
 1,3-Dichlorobenzene
 Concen: 21.028 ug/L
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW031573.D
 Acq: 17 Jan 2025 14:23

Tgt Ion:146 Resp: 391213
 Ion Ratio Lower Upper
 146 100
 111 47.1 30.4 56.5
 148 67.9 42.1 78.1

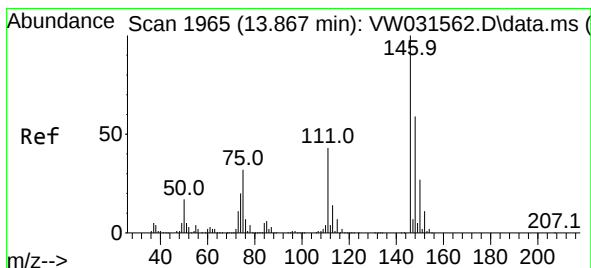
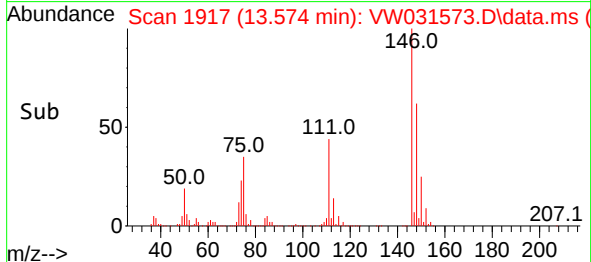
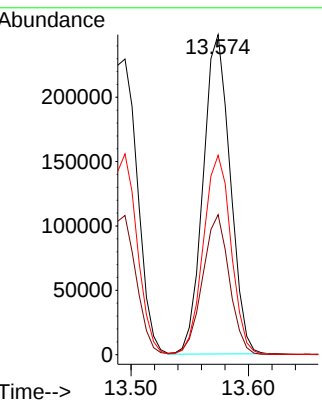
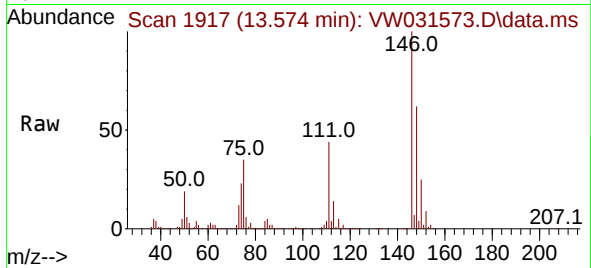




#65
1,4-Dichlorobenzene
Concen: 21.597 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

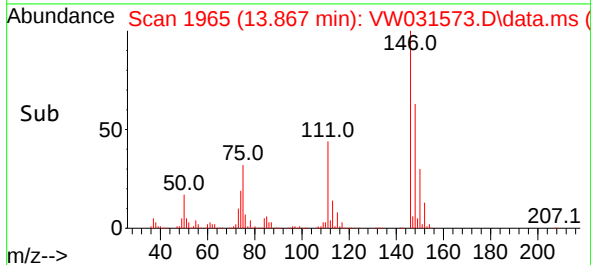
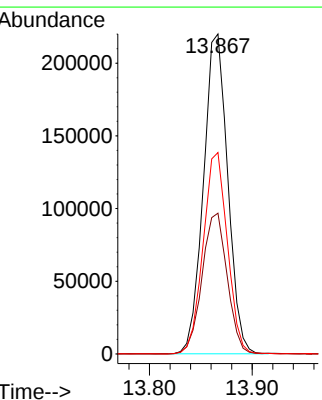
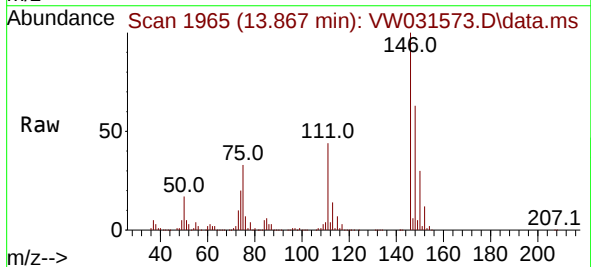
Instrument :
MSVOA_W
ClientSampleId :

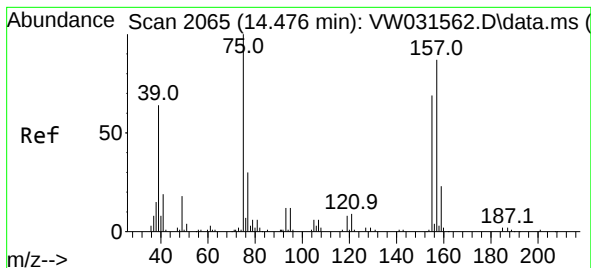
Tgt Ion:146 Resp: 397393
Ion Ratio Lower Upper
146 100
111 43.8 28.5 52.9
148 62.3 45.4 84.4



#67
1,2-Dichlorobenzene
Concen: 22.728 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

Tgt Ion:146 Resp: 361095
Ion Ratio Lower Upper
146 100
111 44.0 36.6 55.0
148 63.0 51.0 76.4

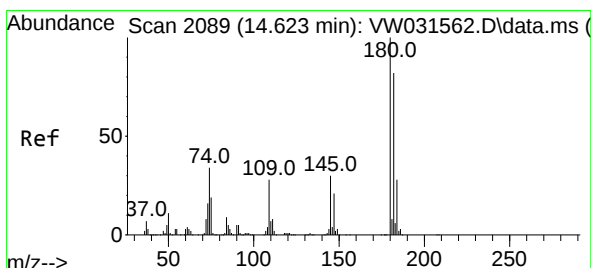
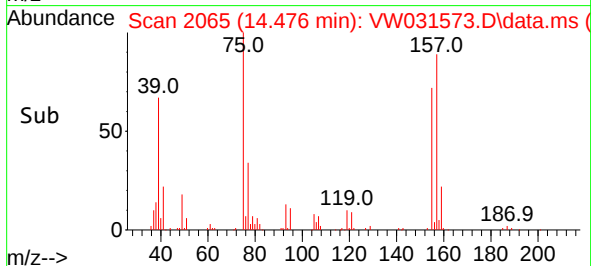
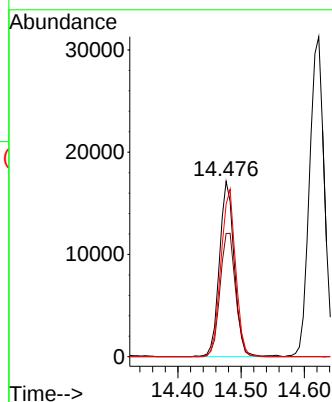
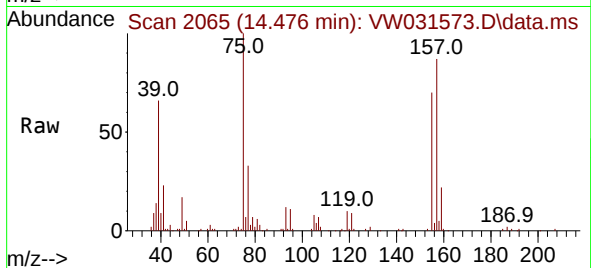




#68
1,2-Dibromo-3-chloropropane
Concen: 24.703 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

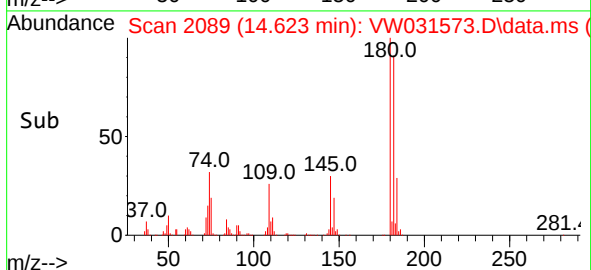
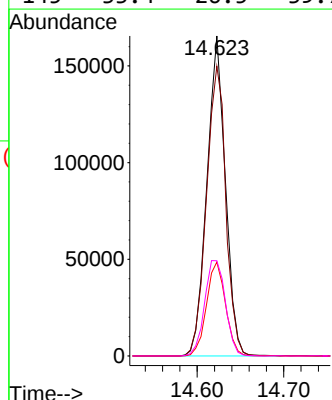
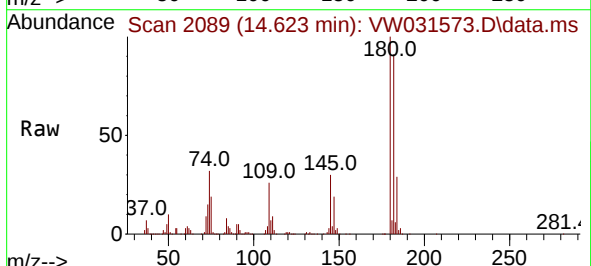
Instrument :
MSVOA_W
ClientSampleId :

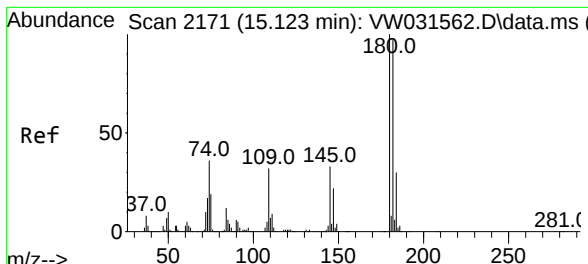
Tgt Ion: 75 Resp: 27849
Ion Ratio Lower Upper
75 100
155 70.3 51.0 76.4
157 86.9 70.2 105.2



#69
1,3,5-Trichlorobenzene
Concen: 19.524 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW031573.D
Acq: 17 Jan 2025 14:23

Tgt Ion:180 Resp: 246151
Ion Ratio Lower Upper
180 100
182 94.9 74.2 111.4
184 30.2 23.0 34.4
145 33.4 26.5 39.7



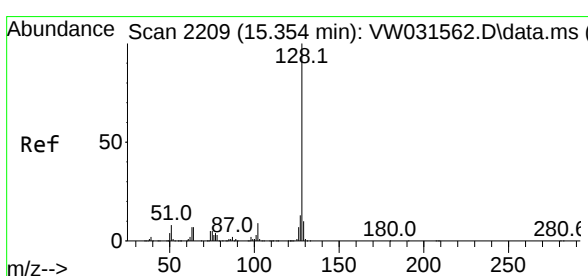
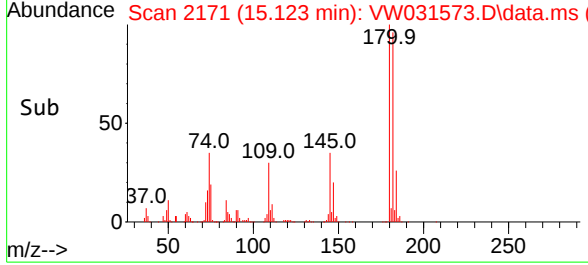
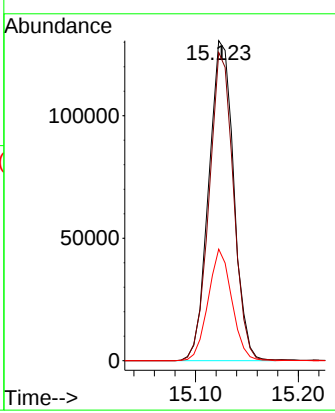
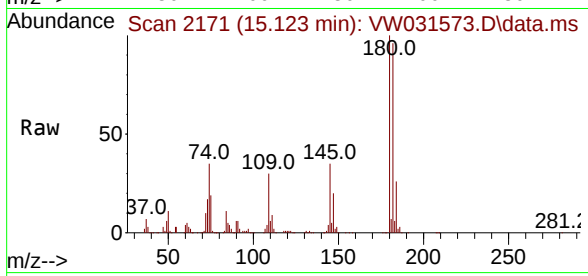


#70
 1,2,4-trichlorobenzene
 Concen: 21.947 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VW031573.D
 Acq: 17 Jan 2025 14:23

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:180 Resp: 220397

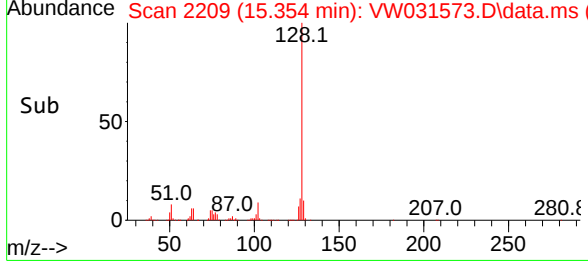
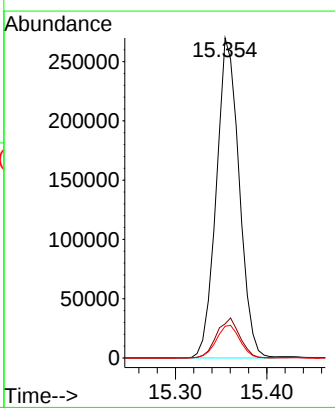
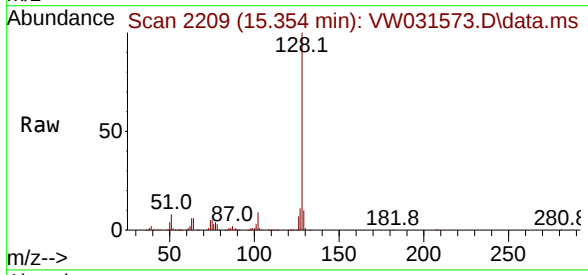
Ion	Ratio	Lower	Upper
180	100		
182	93.6	77.7	116.5
145	33.0	26.6	39.8

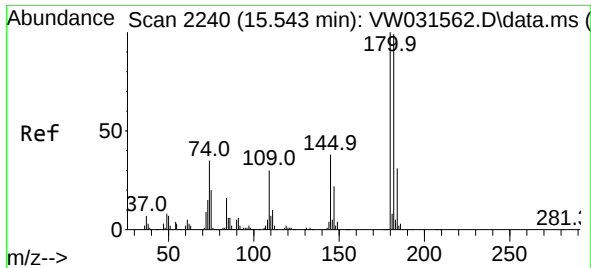


#71
 Naphthalene
 Concen: 24.908 ug/L
 RT: 15.354 min Scan# 2209
 Delta R.T. 0.000 min
 Lab File: VW031573.D
 Acq: 17 Jan 2025 14:23

Tgt Ion:128 Resp: 469018

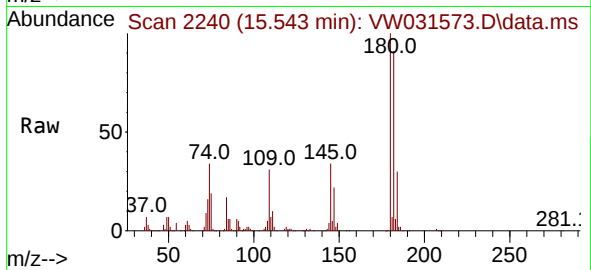
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	10.6	8.7	13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 21.857 ug/L
 RT: 15.543 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031573.D
 Acq: 17 Jan 2025 14:23

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 184868
 Ion Ratio Lower Upper
 180 100
 182 98.3 76.9 115.3
 145 35.5 30.1 45.1

