

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
 Data File : VW031556.D
 Acq On : 10 Jan 2025 10:33
 Operator : SY/MD
 Sample : VSTD02554
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 11 03:12:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jan 11 03:10:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	586635	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	504167	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	232766	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	228566	24.830	ug/L	0.00
7) Chloroethane-d5	2.899	69	167713	25.511	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	105632	25.691	ug/L	0.00
21) 2-Butanone-d5	7.100	46	78553	53.627	ug/L	0.00
24) Chloroform-d	7.648	84	404262	26.627	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	200826	26.875	ug/L	0.00
32) Benzene-d6	8.276	84	843573	26.637	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	252059	26.957	ug/L	0.00
41) Toluene-d8	10.325	98	767861	26.859	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	105256	27.412	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	53166	55.044	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	151953	26.574	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	223152	27.334	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	165585	22.326	ug/L	100
3) Chloromethane	2.222	50	174343	22.046	ug/L	100
5) Vinyl chloride	2.375	62	243785	24.167	ug/L	100
6) Bromomethane	2.796	94	141088	23.930	ug/L	100
8) Chloroethane	2.936	64	143855	24.261	ug/L	100
9) Trichlorofluoromethane	3.271	101	248585	24.805	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	184996	24.118	ug/L	100
12) 1,1-Dichloroethene	4.045	96	189109	24.226	ug/L	100
13) Acetone	4.186	43	46977	43.092	ug/L	100
14) Carbon disulfide	4.387	76	638480	24.282	ug/L	100
15) Methyl Acetate	4.698	43	66327	23.125	ug/L	100
16) Methylene chloride	4.923	84	186941	23.399	ug/L	100
17) trans-1,2-Dichloroethene	5.435	96	203010	24.214	ug/L	100
18) Methyl tert-butyl Ether	5.435	73	329564	24.513	ug/L	100
19) 1,1-Dichloroethane	6.222	63	384960	24.405	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	219654	24.537	ug/L	100
22) 2-Butanone	7.191	43	86645	45.780	ug/L	100
23) Bromochloromethane	7.520	128	86023	24.538	ug/L	100
25) Chloroform	7.679	83	366359	24.418	ug/L	100
27) 1,2-Dichloroethane	8.404	62	226887	24.552	ug/L	100
29) Cyclohexane	7.959	56	398110	24.637	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	318459	24.332	ug/L	100
31) Carbon tetrachloride	8.069	117	279386	24.077	ug/L	100
33) Benzene	8.325	78	837847	24.282	ug/L	100
34) Trichloroethene	9.093	95	227321	24.504	ug/L	100
35) Methylcyclohexane	9.337	83	407310	24.489	ug/L	100
37) 1,2-Dichloropropane	9.368	63	208937	24.092	ug/L	100
38) Bromodichloromethane	9.642	83	256054	24.408	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	336669	24.677	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	202314	46.736	ug/L	100
42) Toluene	10.386	91	876564	24.302	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	268383	24.611	ug/L	100

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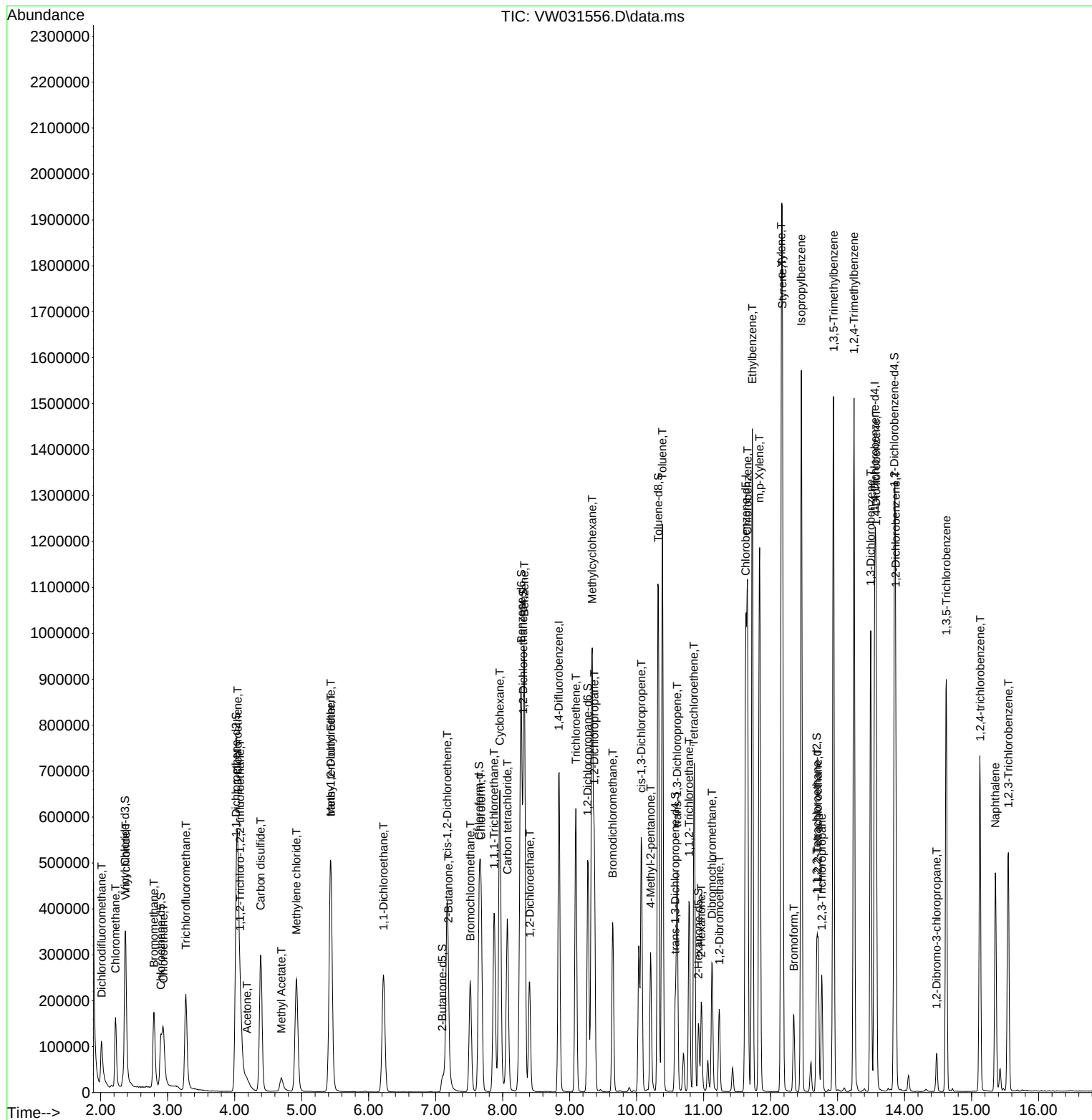
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	134591	24.212	ug/L	100
46) Tetrachloroethene	10.855	164	160184	24.062	ug/L	100
48) 2-Hexanone	10.965	43	129385	48.910	ug/L	100
49) Dibromochloromethane	11.123	129	150807	24.656	ug/L	100
50) 1,2-Dibromoethane	11.233	107	126219	24.499	ug/L	100
51) Chlorobenzene	11.654	112	548144	24.611	ug/L	100
52) Ethylbenzene	11.727	91	1008303	24.363	ug/L	100
53) m,p-Xylene	11.837	106	383867	24.326	ug/L	100
54) o-Xylene	12.160	106	355992	24.275	ug/L	100
55) Styrene	12.178	104	610060	25.000	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	145232	23.776	ug/L	100
59) Bromoform	12.349	173	76314	24.605	ug/L	100
60) Isopropylbenzene	12.458	105	1015510	24.974	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	108143	24.740	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	840871	25.114	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	811555	24.904	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	394752	24.477	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	386671	24.242	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	333894	24.243	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	23975	24.533	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	270531	24.753	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	215641	24.772	ug/L	100
71) Naphthalene	15.354	128	401129	24.574	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	170727	23.286	ug/L	100

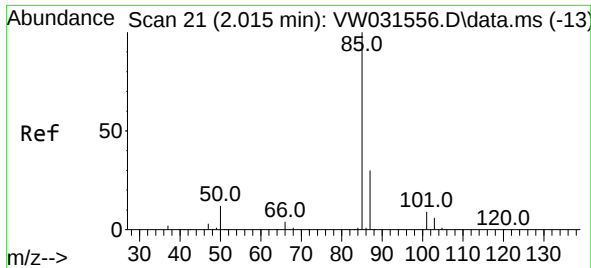
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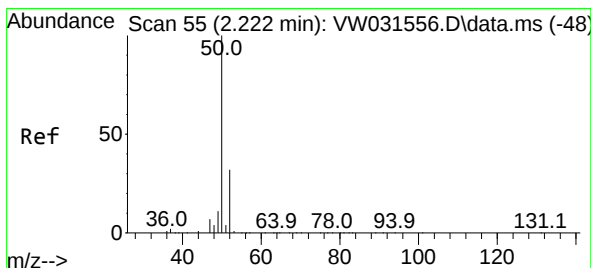
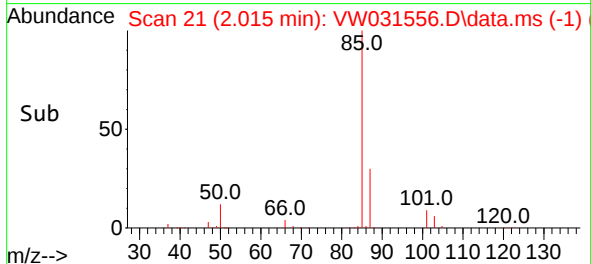
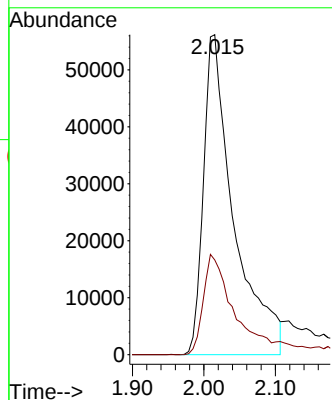
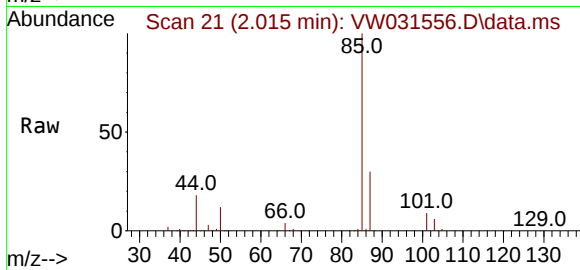




#2
 Dichlorodifluoromethane
 Concen: 22.326 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031556.D
 Acq: 10 Jan 2025 10:33

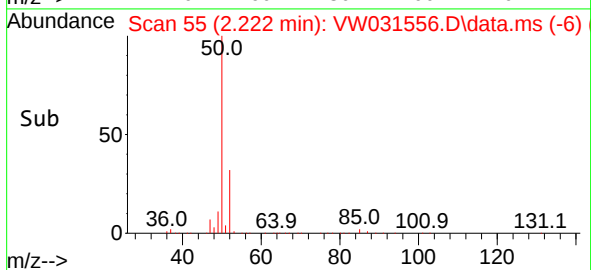
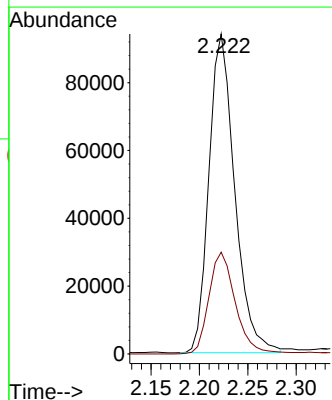
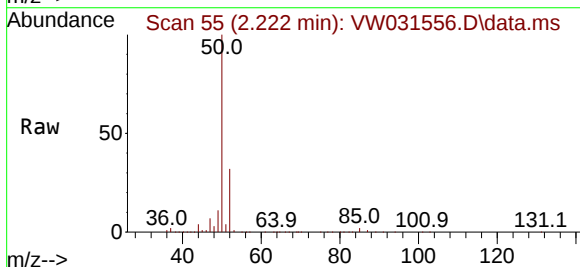
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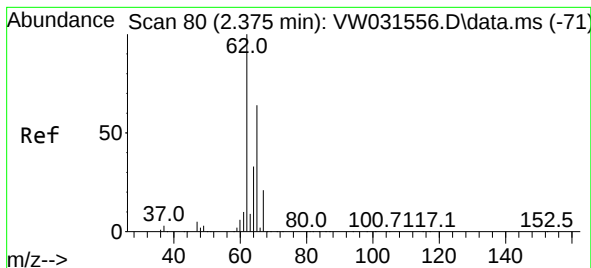
Tgt Ion: 85 Resp: 165585
 Ion Ratio Lower Upper
 85 100
 87 31.2 25.0 37.4



#3
 Chloromethane
 Concen: 22.046 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW031556.D
 Acq: 10 Jan 2025 10:33

Tgt Ion: 50 Resp: 174343
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.3 41.3





#5

Vinyl chloride

Concen: 24.167 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW031556.D

Acq: 10 Jan 2025 10:33

Instrument :

MSVOA_W

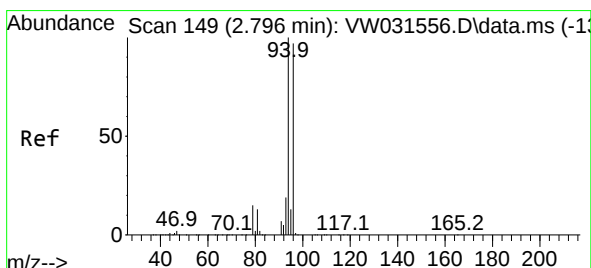
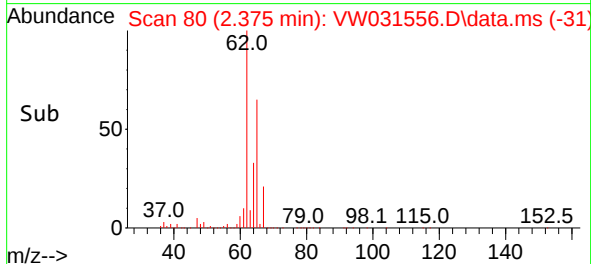
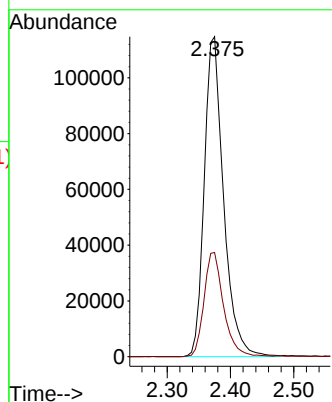
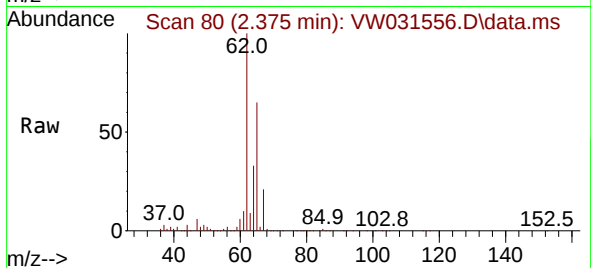
ClientSampleId :

Tgt Ion: 62 Resp: 243785

Ion Ratio Lower Upper

62 100

64 32.5 22.7 42.3



#6

Bromomethane

Concen: 23.930 ug/L

RT: 2.796 min Scan# 149

Delta R.T. 0.000 min

Lab File: VW031556.D

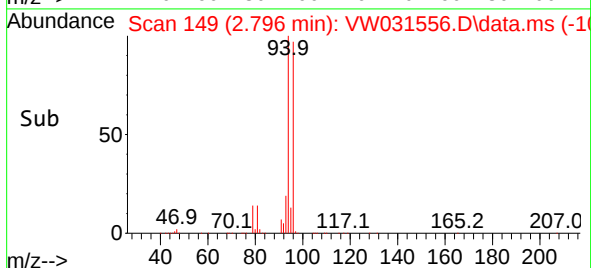
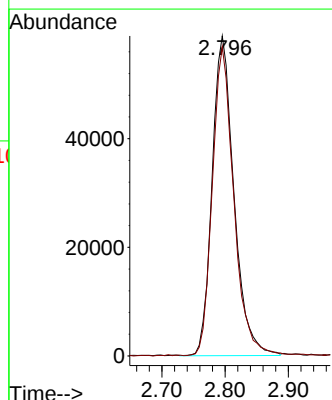
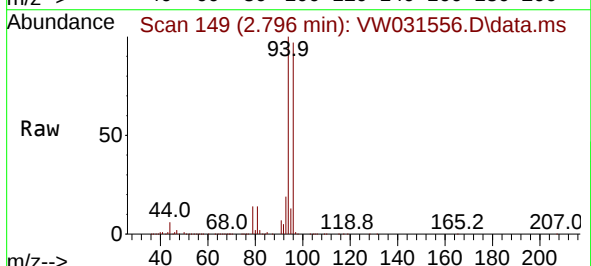
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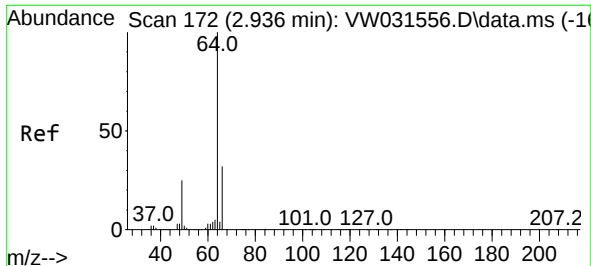
Tgt Ion: 94 Resp: 141088

Ion Ratio Lower Upper

94 100

96 96.6 67.6 125.6

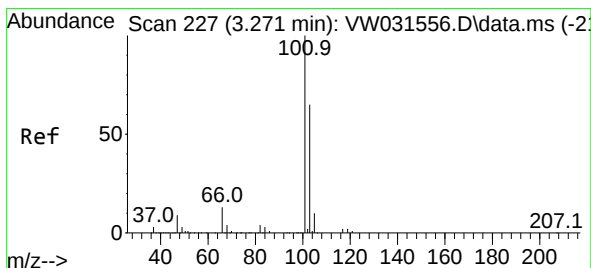
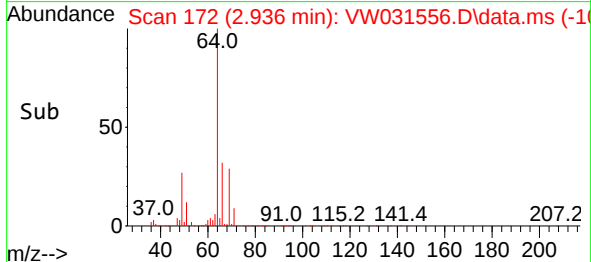
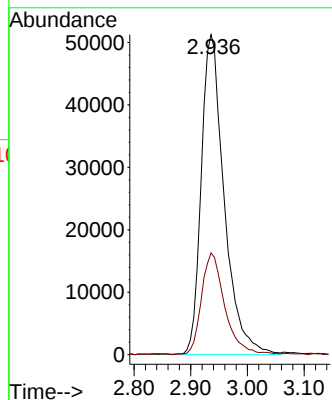
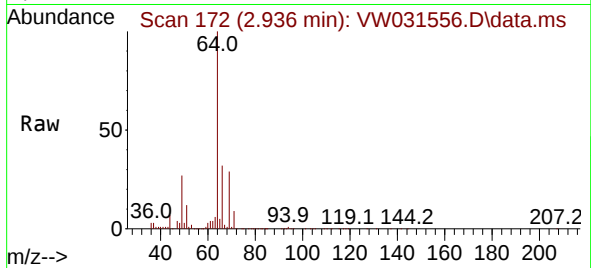




#8
Chloroethane
Concen: 24.261 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

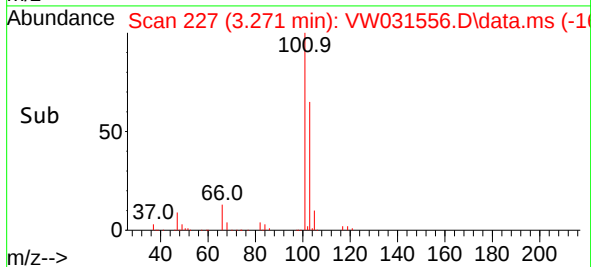
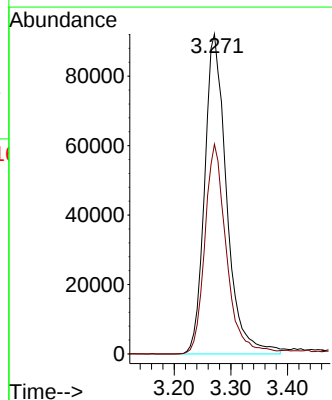
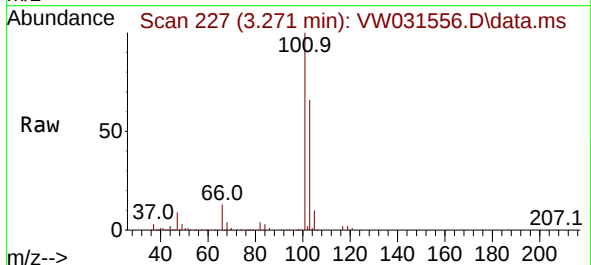
Instrument :
MSVOA_W
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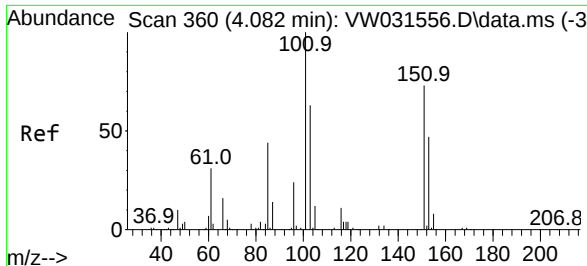
Tgt Ion: 64 Resp: 143855
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 24.805 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

Tgt Ion: 101 Resp: 248585
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

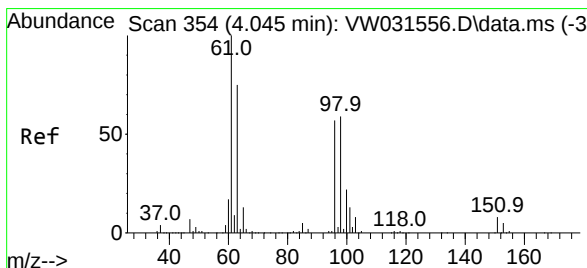
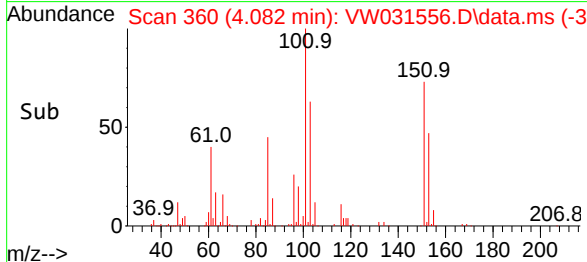
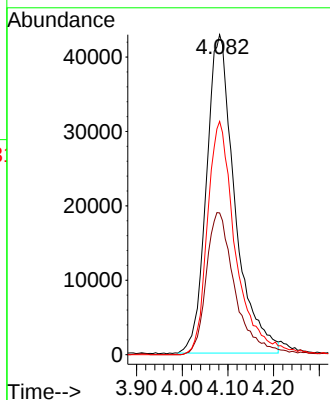
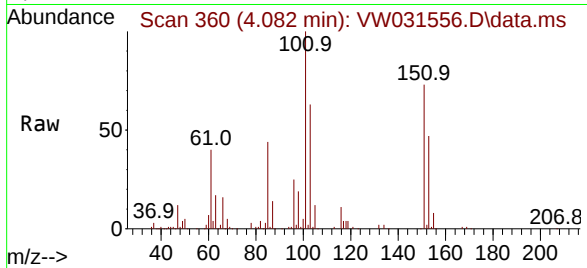




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.118 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. 0.000 min
 Lab File: VW031556.D
 Acq: 10 Jan 2025 10:33

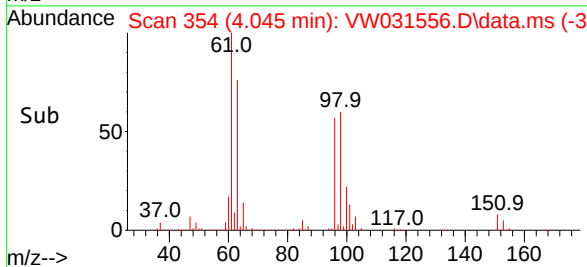
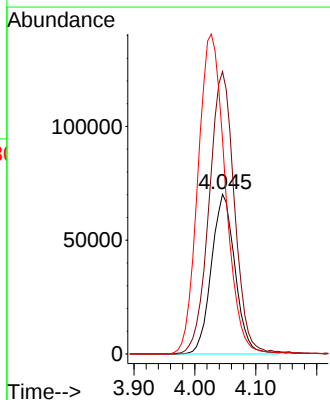
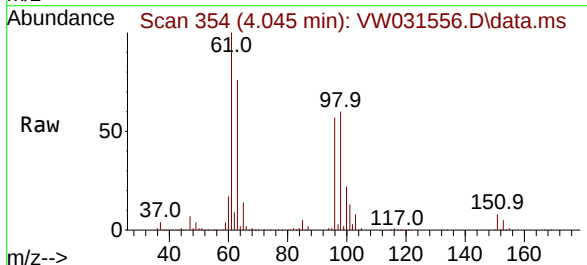
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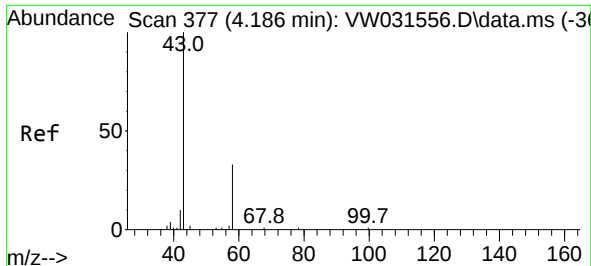
Tgt Ion:101 Resp: 184996
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.1 54.1
 151 71.1 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 24.226 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW031556.D
 Acq: 10 Jan 2025 10:33

Tgt Ion: 96 Resp: 189109
 Ion Ratio Lower Upper
 96 100
 61 176.9 123.8 230.0
 63 134.5 94.1 174.8

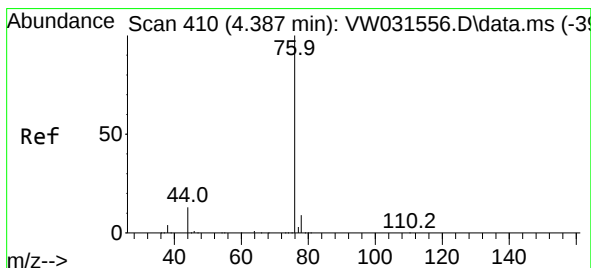
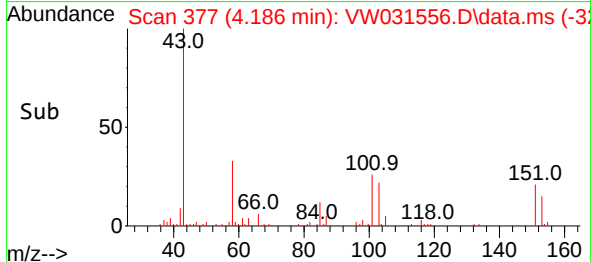
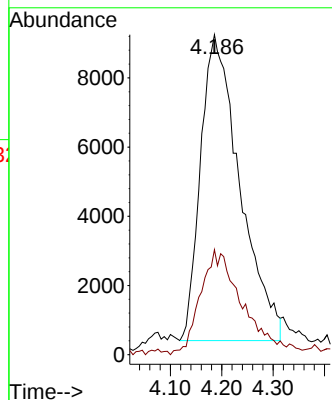
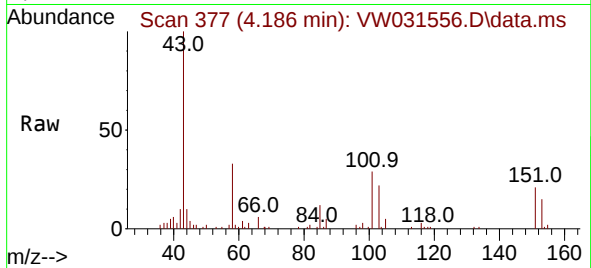




#13
Acetone
Concen: 43.092 ug/L
RT: 4.186 min Scan# 377
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

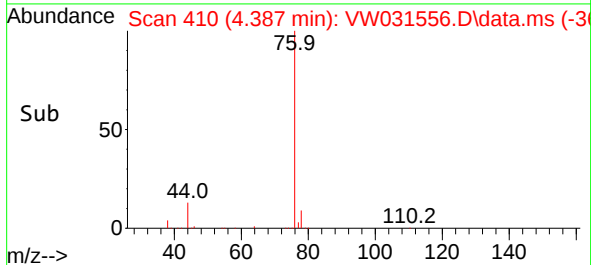
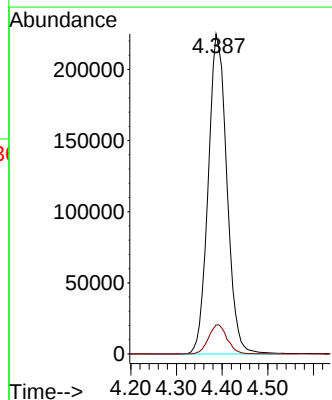
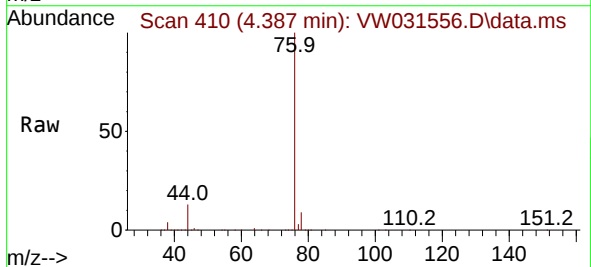
Instrument :
MSVOA_W
ClientSampleId :

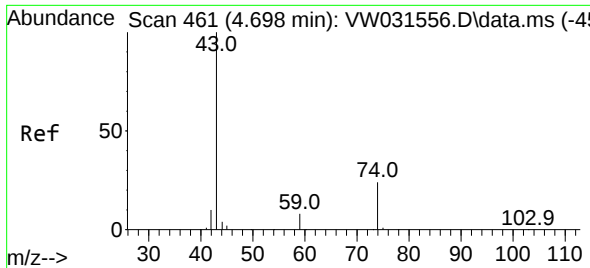
Tgt Ion: 43 Resp: 46977
Ion Ratio Lower Upper
43 100
58 14.1 0.0 28.2



#14
Carbon disulfide
Concen: 24.282 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

Tgt Ion: 76 Resp: 638480
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

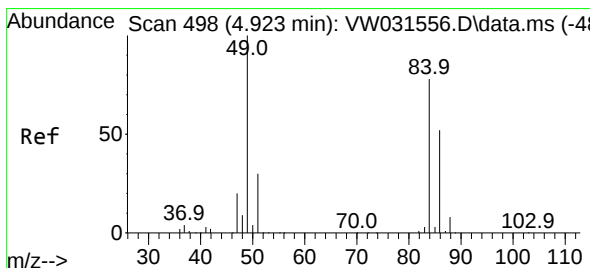
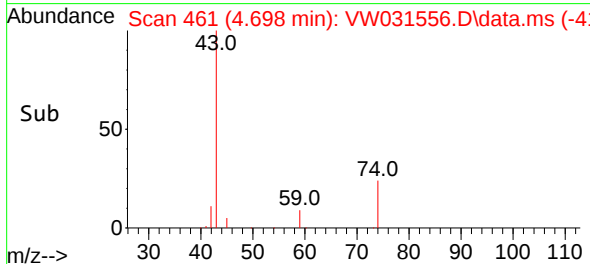
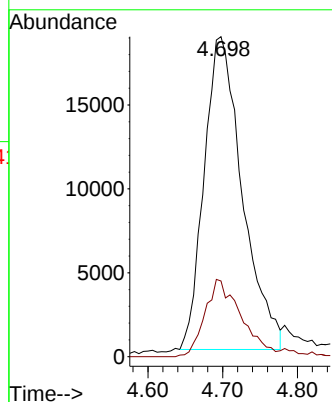
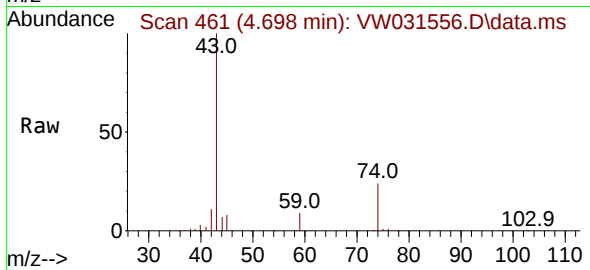




#15
Methyl Acetate
Concen: 23.125 ug/L
RT: 4.698 min Scan# 461
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

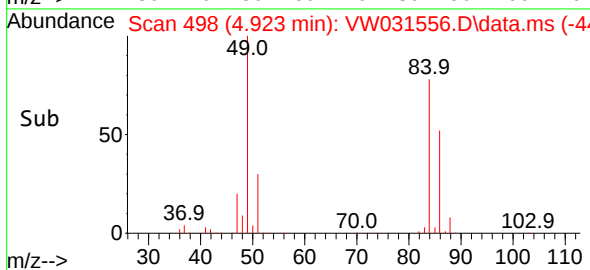
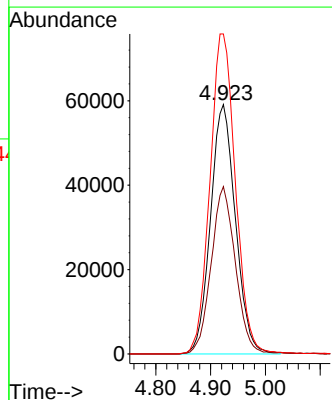
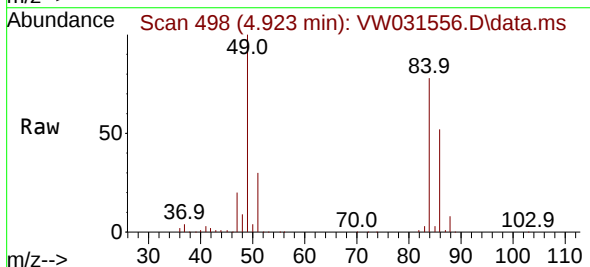
Instrument :
MSVOA_W
ClientSampleId :

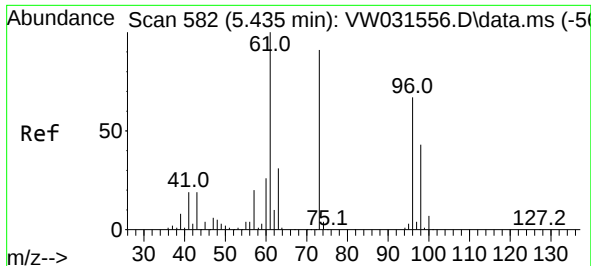
Tgt Ion: 43 Resp: 66327
Ion Ratio Lower Upper
43 100
74 13.2 10.6 15.8



#16
Methylene chloride
Concen: 23.399 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

Tgt Ion: 84 Resp: 186941
Ion Ratio Lower Upper
84 100
86 67.1 47.0 87.2
49 128.3 89.8 166.8





#17

trans-1,2-Dichloroethene

Concen: 24.214 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.000 min

Lab File: VW031556.D

Acq: 10 Jan 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

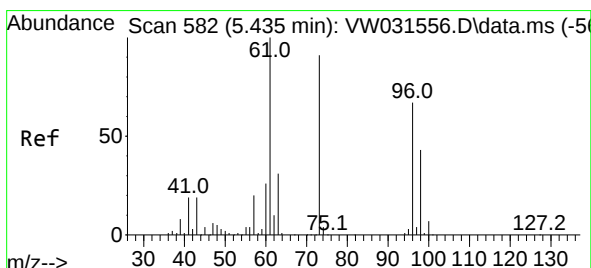
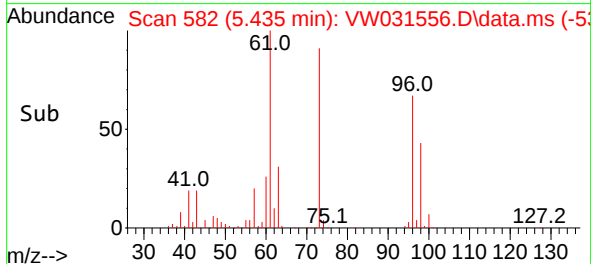
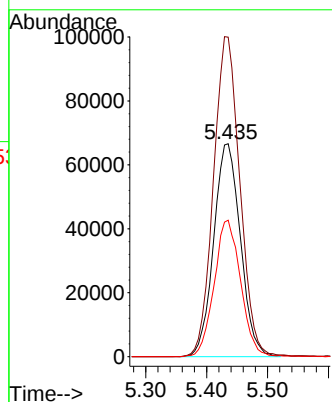
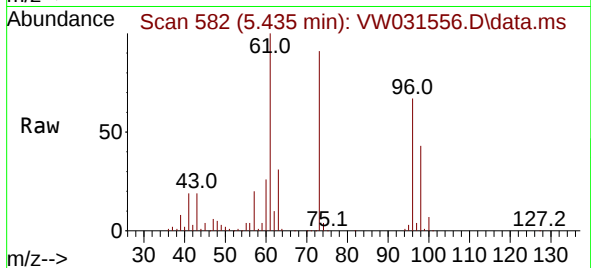
Tgt Ion: 96 Resp: 203010

Ion Ratio Lower Upper

96 100

61 150.1 105.1 195.1

98 64.1 44.9 83.3



#18

Methyl tert-butyl Ether

Concen: 24.513 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.000 min

Lab File: VW031556.D

Acq: 10 Jan 2025 10:33

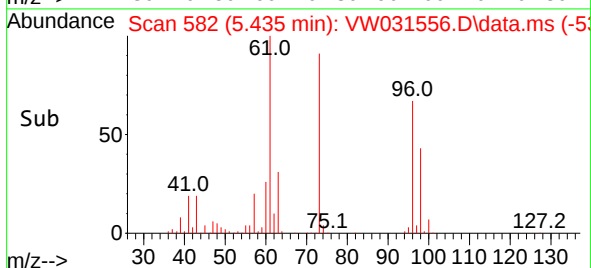
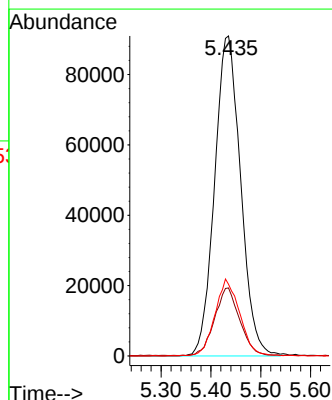
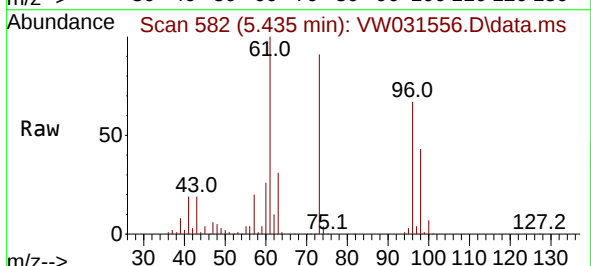
Tgt Ion: 73 Resp: 329564

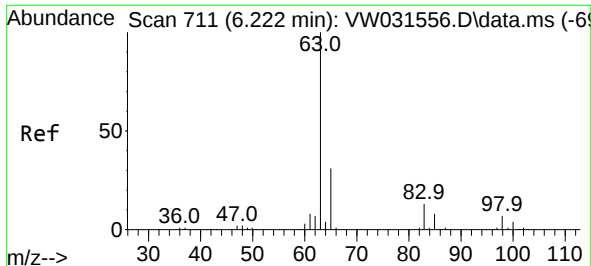
Ion Ratio Lower Upper

73 100

43 20.5 16.4 24.6

57 22.7 18.2 27.2





#19

1,1-Dichloroethane

Concen: 24.405 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW031556.D

Acq: 10 Jan 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

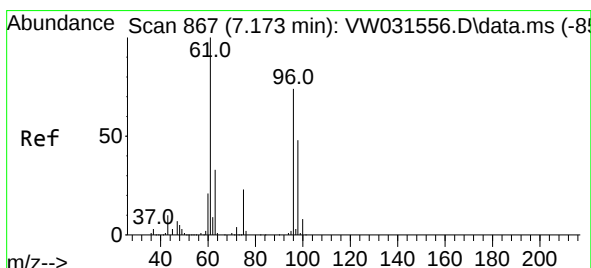
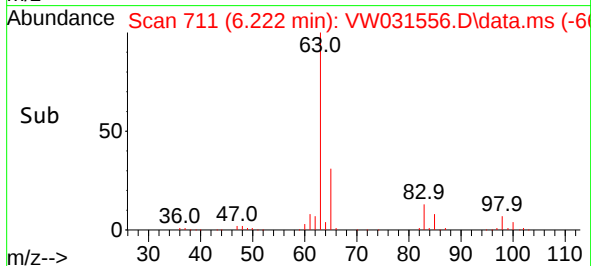
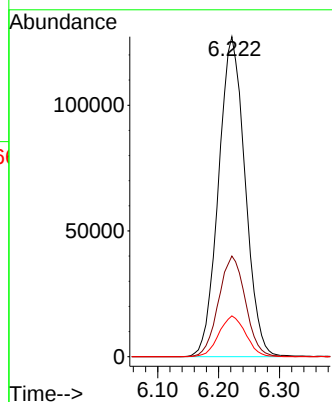
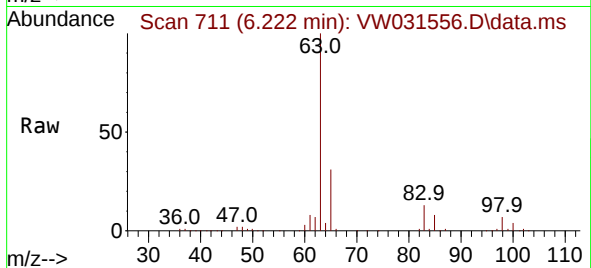
Tgt Ion: 63 Resp: 384960

Ion Ratio Lower Upper

63 100

65 31.5 22.0 41.0

83 12.8 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 24.537 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW031556.D

Acq: 10 Jan 2025 10:33

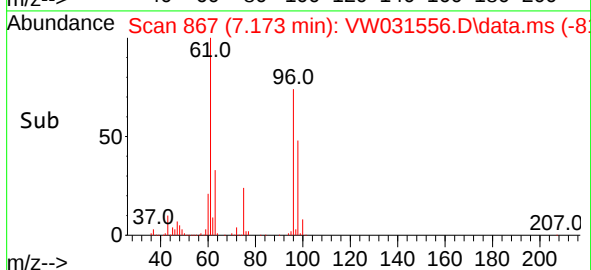
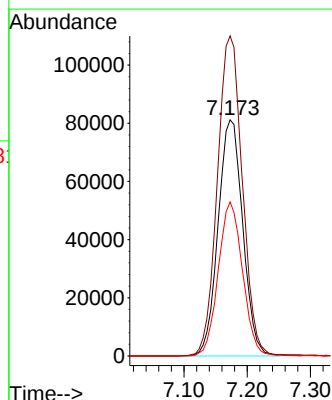
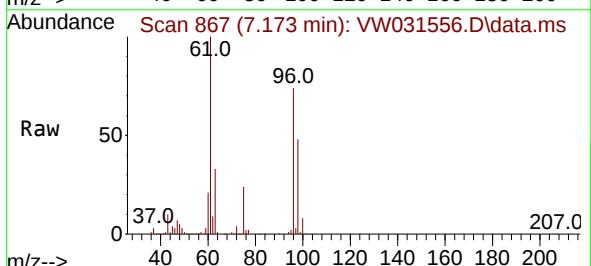
Tgt Ion: 96 Resp: 219654

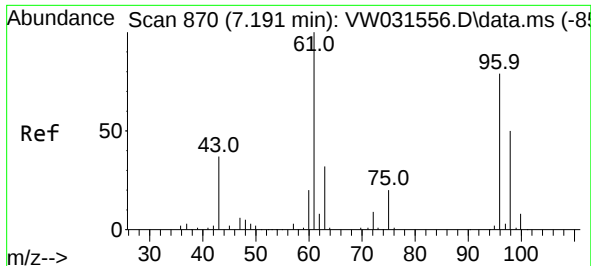
Ion Ratio Lower Upper

96 100

61 135.5 94.8 176.2

98 65.2 45.6 84.8

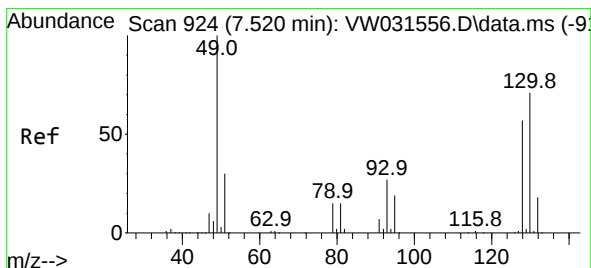
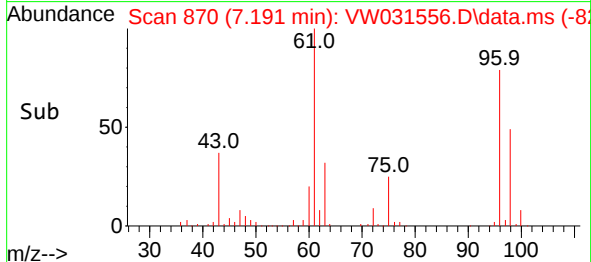
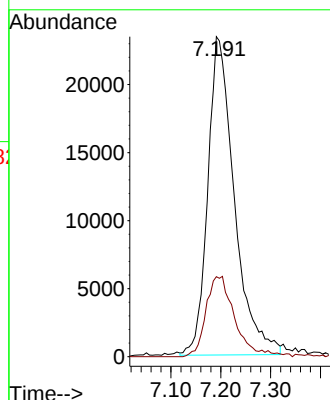
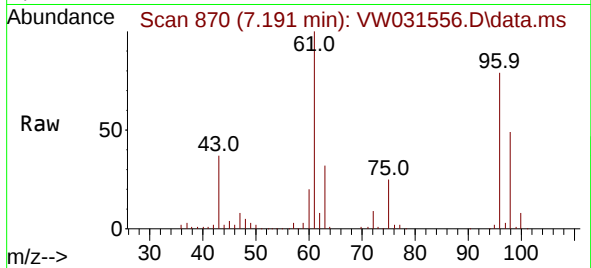




#22
2-Butanone
Concen: 45.780 ug/L
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

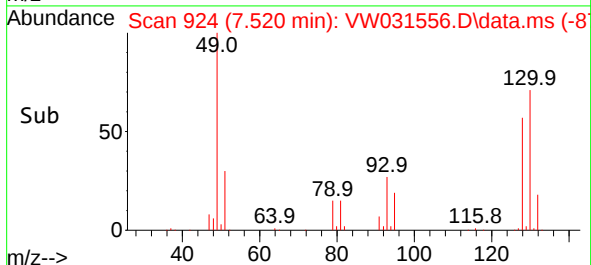
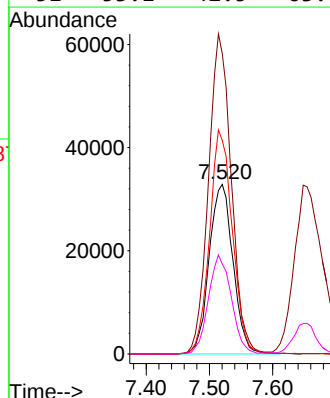
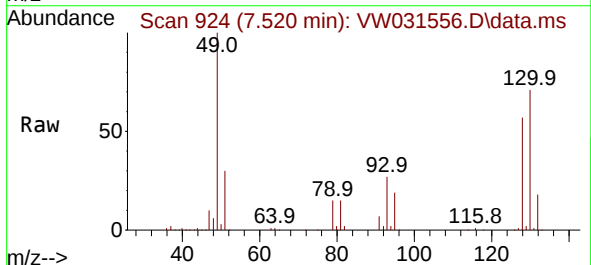
Instrument :
MSVOA_W
ClientSampleId :

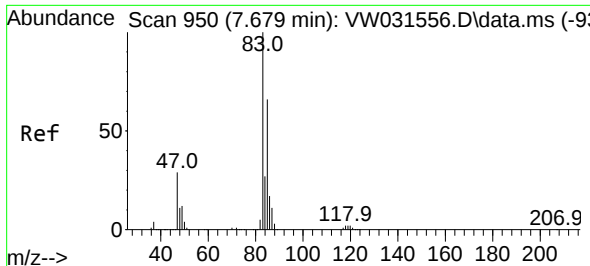
Tgt Ion: 43 Resp: 86645
Ion Ratio Lower Upper
43 100
72 26.3 13.2 39.5



#23
Bromochloromethane
Concen: 24.538 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

Tgt Ion: 128 Resp: 86023
Ion Ratio Lower Upper
128 100
49 177.0 123.9 230.1
130 125.9 88.1 163.7
51 53.1 42.5 63.7

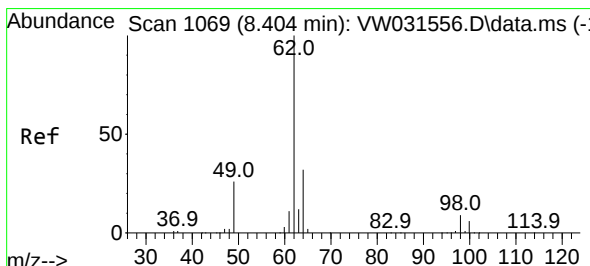
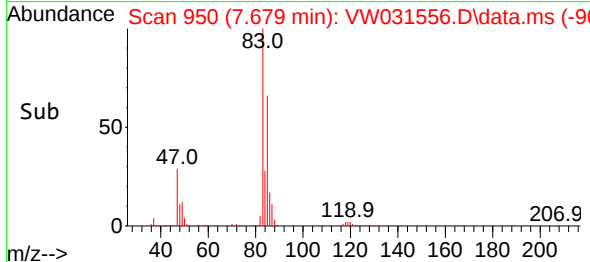
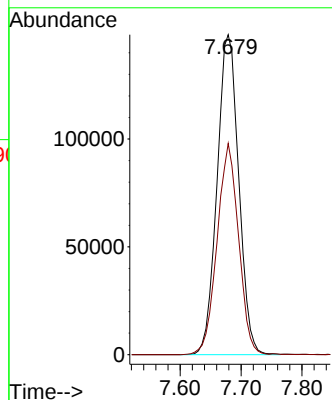
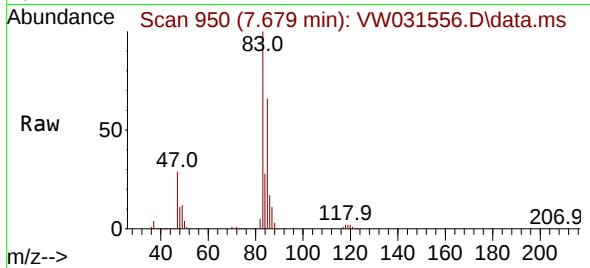




#25
Chloroform
Concen: 24.418 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

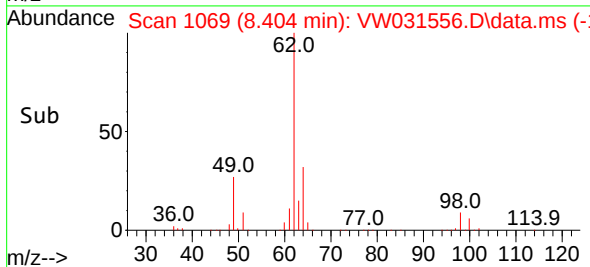
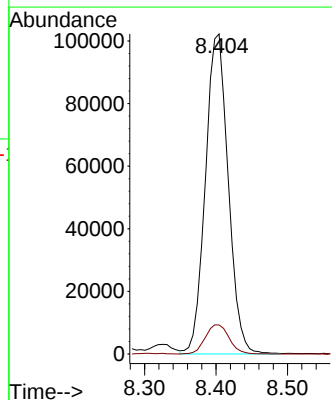
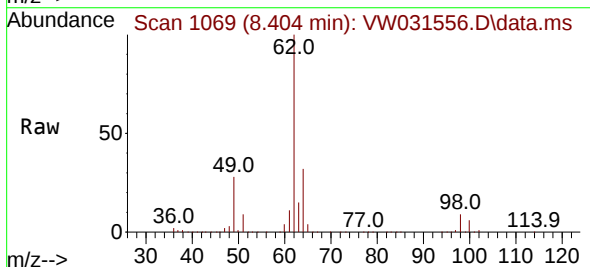
Instrument :
MSVOA_W
ClientSampleId :

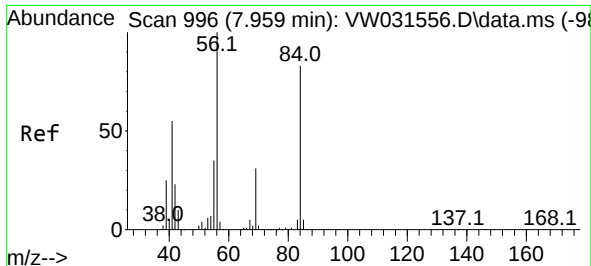
Tgt Ion: 83 Resp: 366359
Ion Ratio Lower Upper
83 100
85 66.0 46.2 85.8



#27
1,2-Dichloroethane
Concen: 24.552 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

Tgt Ion: 62 Resp: 226887
Ion Ratio Lower Upper
62 100
98 9.1 7.3 10.9





#29

Cyclohexane

Concen: 24.637 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

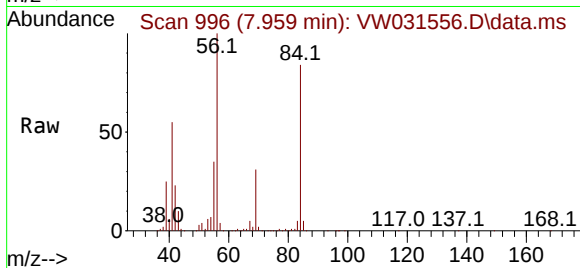
Lab File: VW031556.D

Acq: 10 Jan 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :



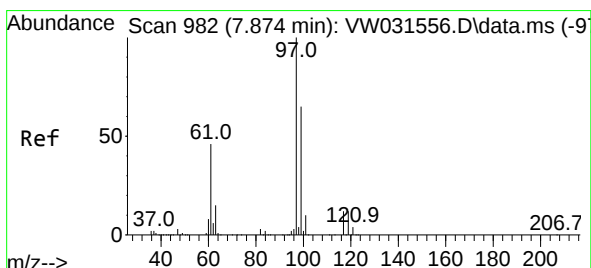
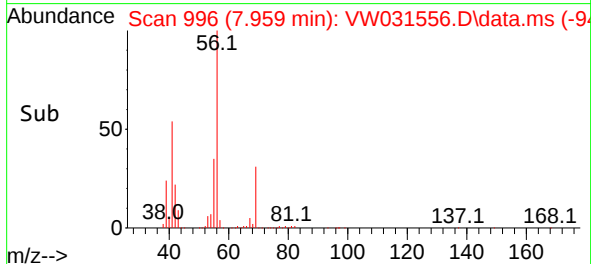
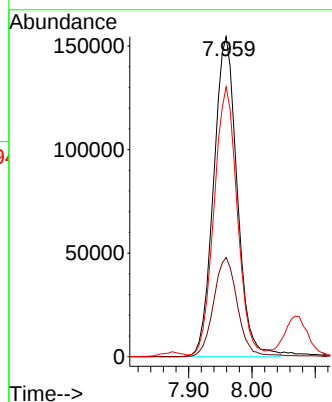
Tgt Ion: 56 Resp: 398110

Ion Ratio Lower Upper

56 100

69 31.5 25.2 37.8

84 82.9 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 24.332 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW031556.D

Acq: 10 Jan 2025 10:33

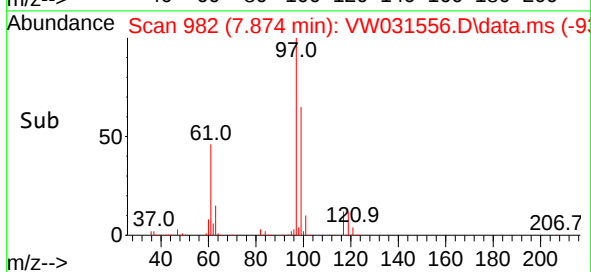
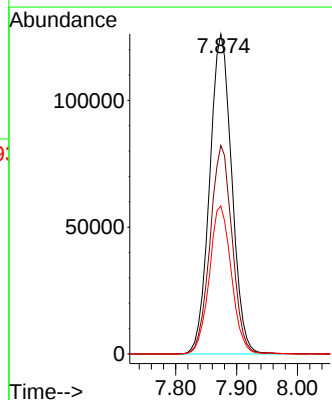
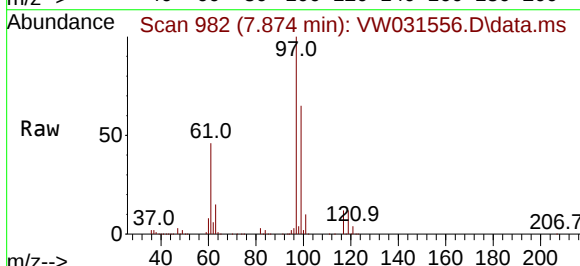
Tgt Ion: 97 Resp: 318459

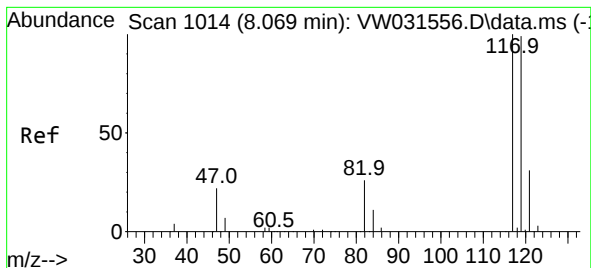
Ion Ratio Lower Upper

97 100

99 65.3 52.2 78.4

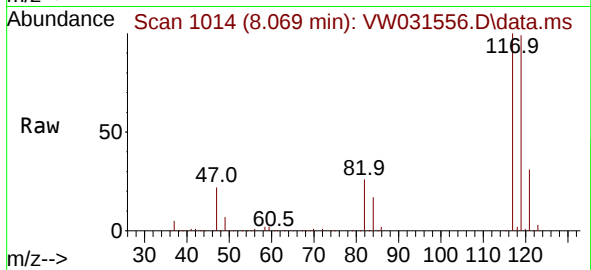
61 46.1 36.9 55.3



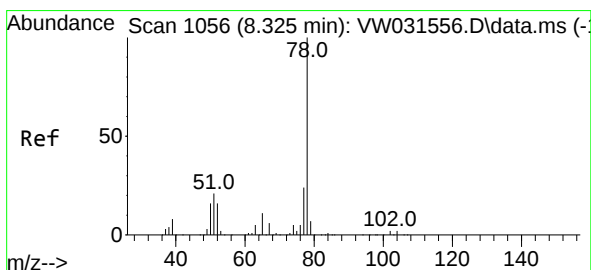
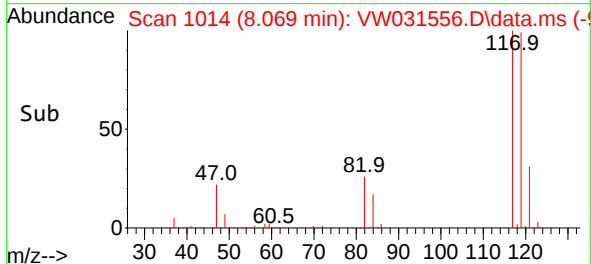
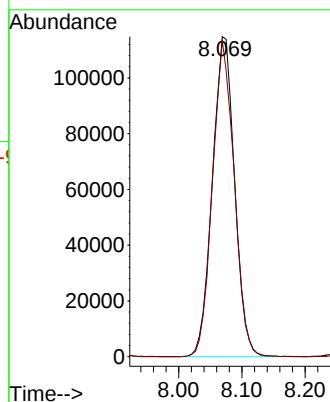


#31
Carbon tetrachloride
Concen: 24.077 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

Instrument :
MSVOA_W
ClientSampleId :

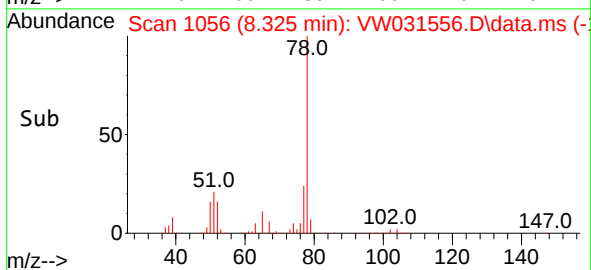
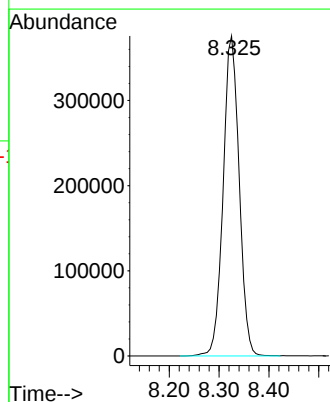
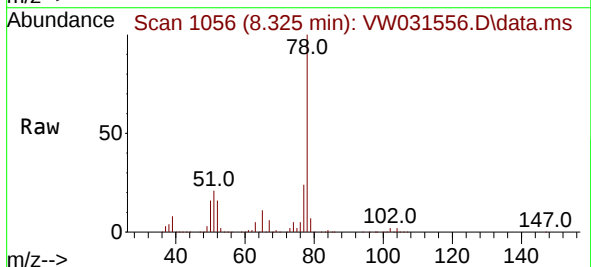


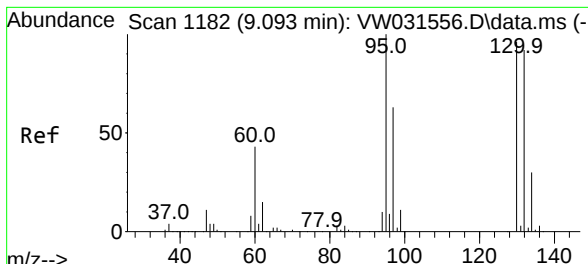
Tgt Ion:117 Resp: 279386
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0



#33
Benzene
Concen: 24.282 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

Tgt Ion: 78 Resp: 837847



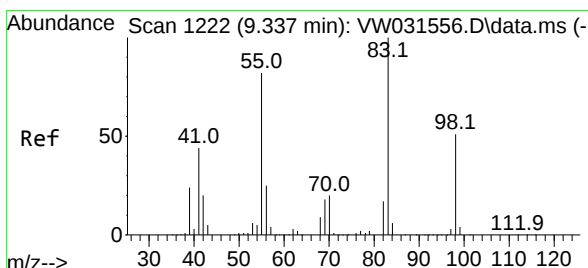
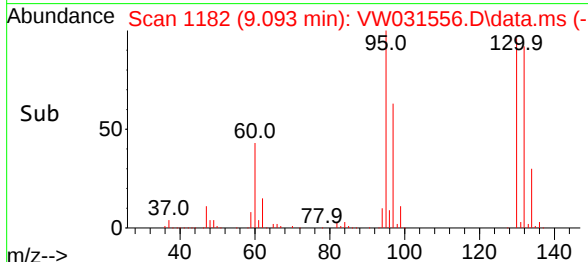
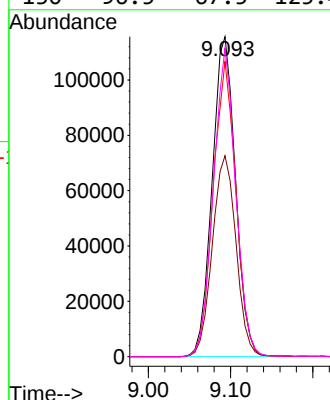
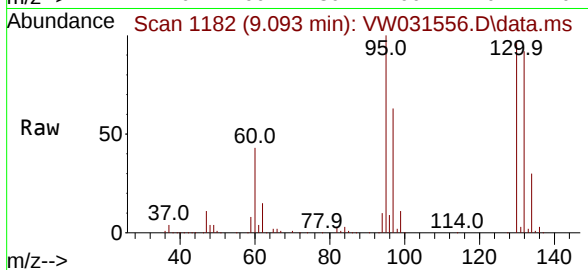


#34
 Trichloroethene
 Concen: 24.504 ug/L
 RT: 9.093 min Scan# 1182
 Delta R.T. 0.000 min
 Lab File: VW031556.D
 Acq: 10 Jan 2025 10:33

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 95 Resp: 227321

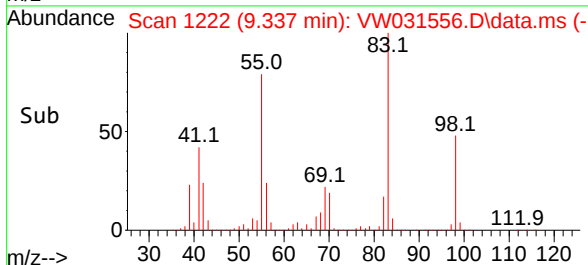
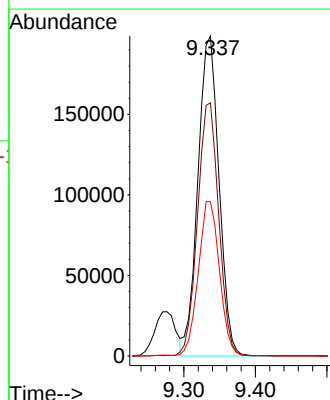
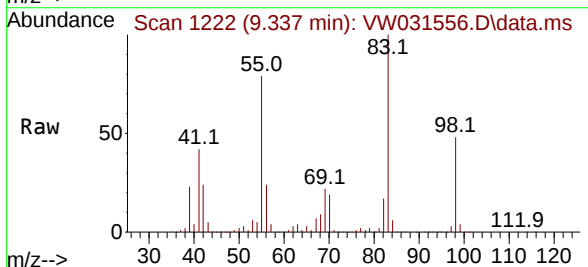
Ion	Ratio	Lower	Upper
95	100		
97	62.8	44.0	81.6
132	92.3	64.6	120.0
130	96.5	67.5	125.4

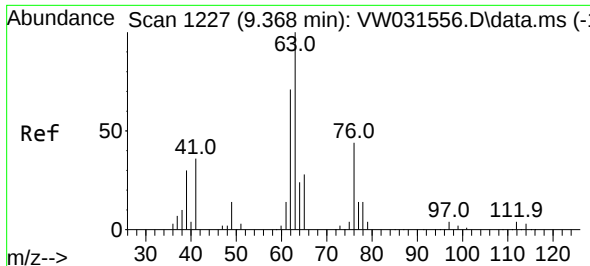


#35
 Methylcyclohexane
 Concen: 24.489 ug/L
 RT: 9.337 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VW031556.D
 Acq: 10 Jan 2025 10:33

Tgt Ion: 83 Resp: 407310

Ion	Ratio	Lower	Upper
83	100		
55	79.3	63.4	95.2
98	48.5	38.8	58.2





#37

1,2-Dichloropropane

Concen: 24.092 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031556.D

Acq: 10 Jan 2025 10:33

Instrument :

MSVOA_W

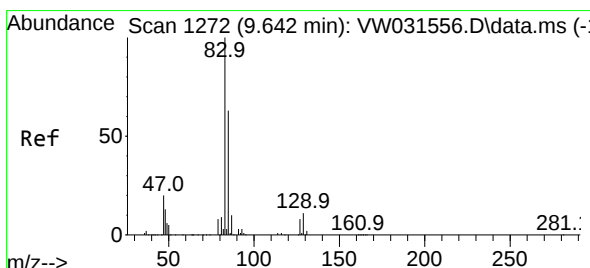
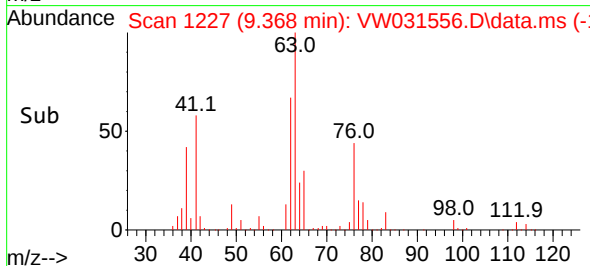
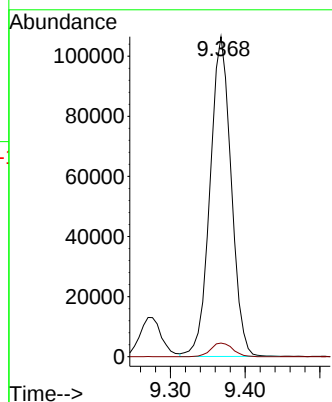
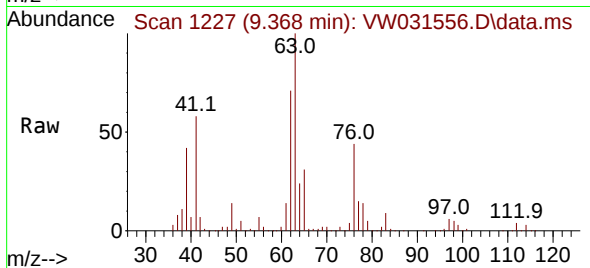
ClientSampleId :

Tgt Ion: 63 Resp: 208937

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 24.408 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031556.D

Acq: 10 Jan 2025 10:33

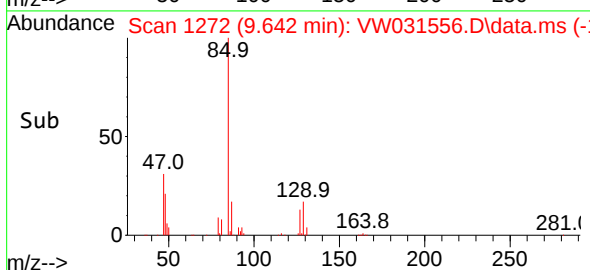
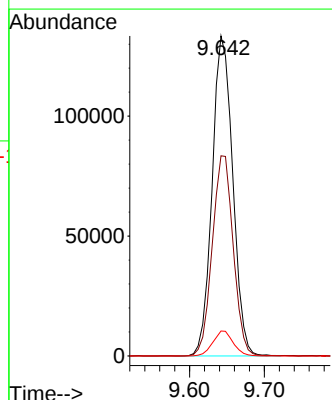
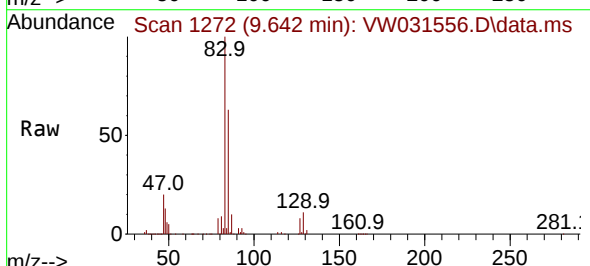
Tgt Ion: 83 Resp: 256054

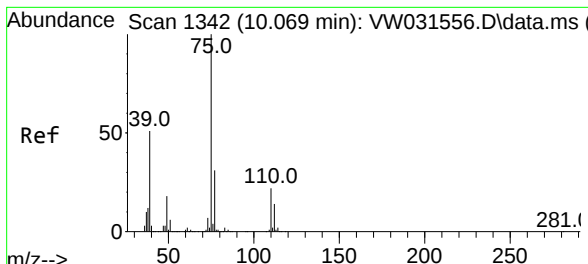
Ion Ratio Lower Upper

83 100

85 62.5 43.8 81.3

127 7.8 6.2 9.4

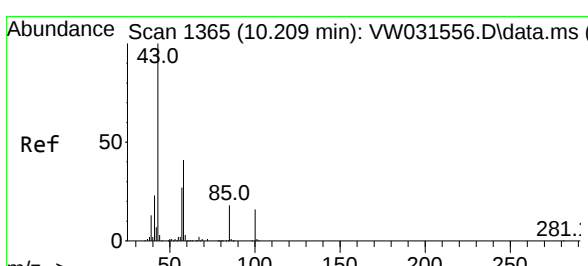
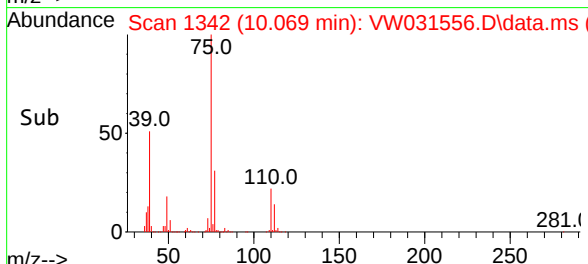
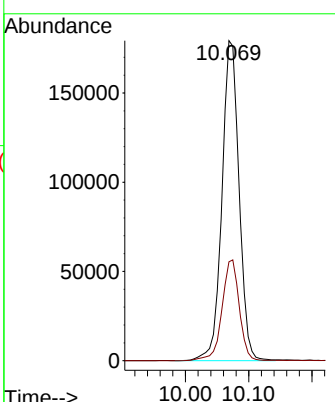
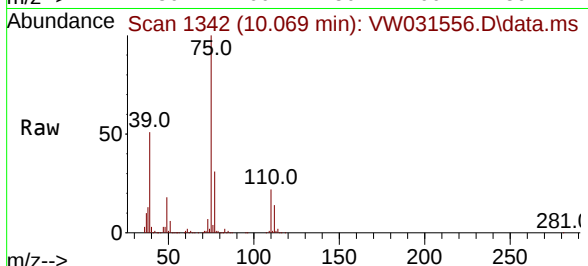




#39
 cis-1,3-Dichloropropene
 Concen: 24.677 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. 0.000 min
 Lab File: VW031556.D
 Acq: 10 Jan 2025 10:33

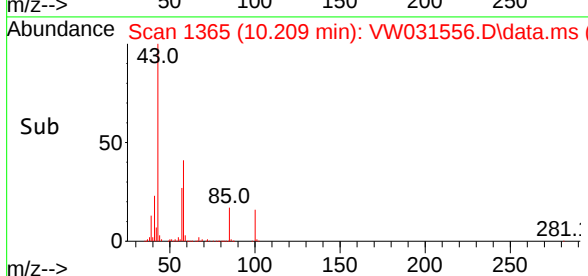
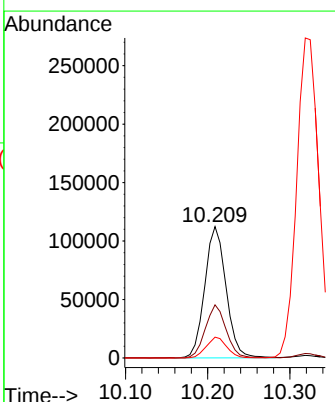
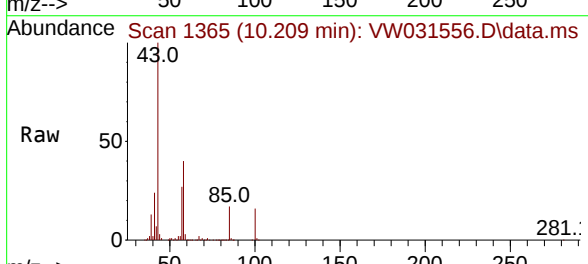
Instrument :
 MSVOA_W
 ClientSampleId :

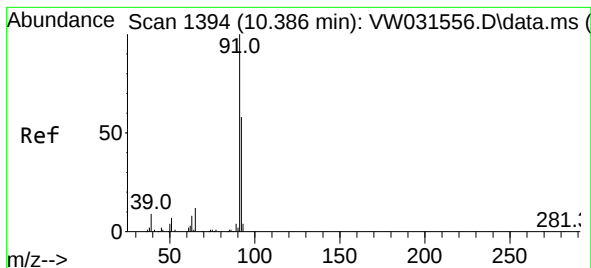
Tgt Ion:	75	Resp:	336669
Ion Ratio	Lower	Upper	
75	100		
77	30.9	21.6	40.2



#40
 4-Methyl-2-pentanone
 Concen: 46.736 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW031556.D
 Acq: 10 Jan 2025 10:33

Tgt Ion:	43	Resp:	202314
Ion Ratio	Lower	Upper	
43	100		
58	39.3	31.4	47.2
100	15.4	12.3	18.5





#42

Toluene

Concen: 24.302 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031556.D

Acq: 10 Jan 2025 10:33

Instrument :

MSVOA_W

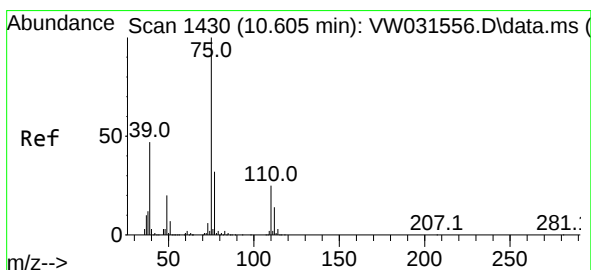
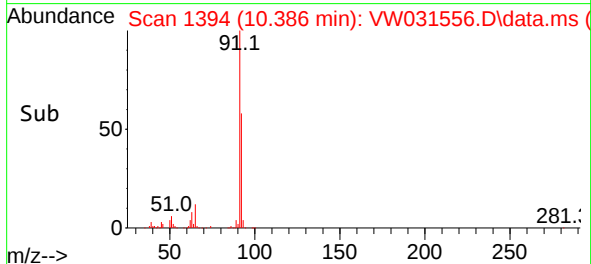
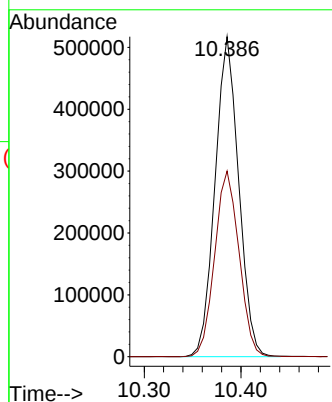
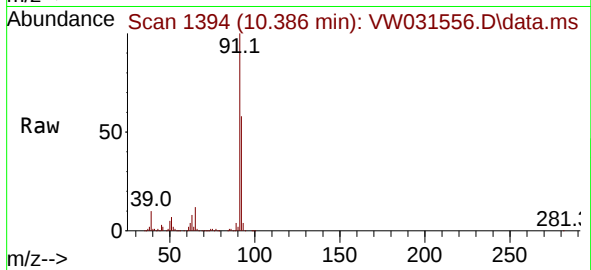
ClientSampleId :

Tgt Ion: 91 Resp: 876564

Ion Ratio Lower Upper

91 100

92 58.0 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 24.611 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031556.D

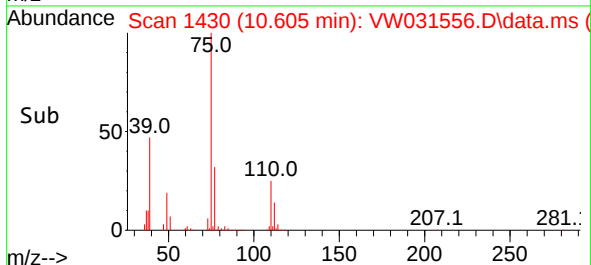
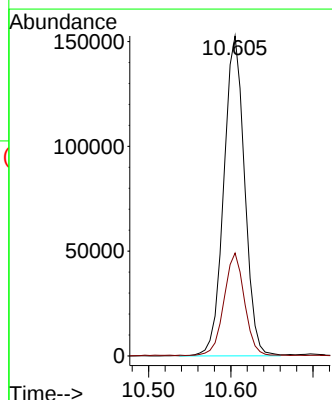
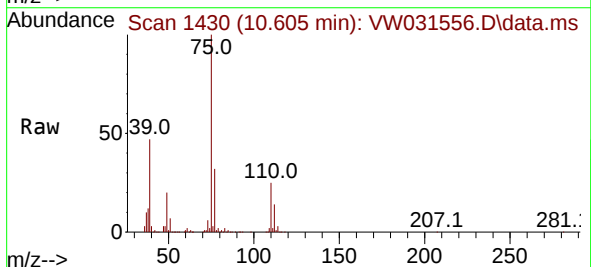
Acq: 10 Jan 2025 10:33

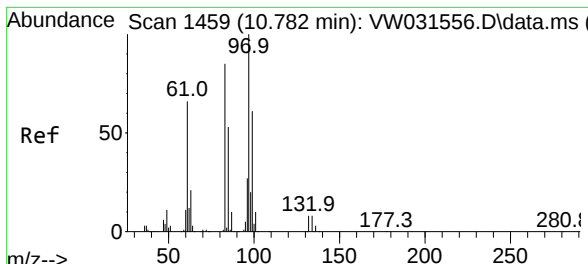
Tgt Ion: 75 Resp: 268383

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9



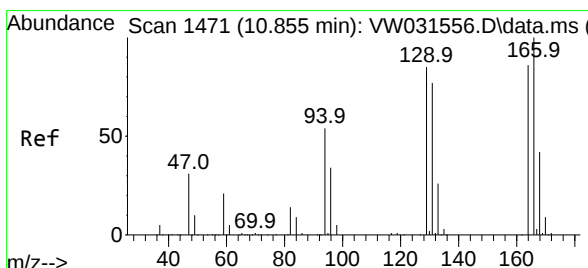
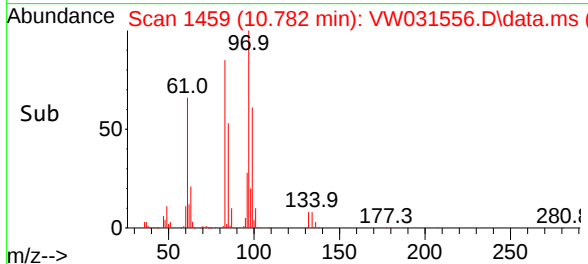
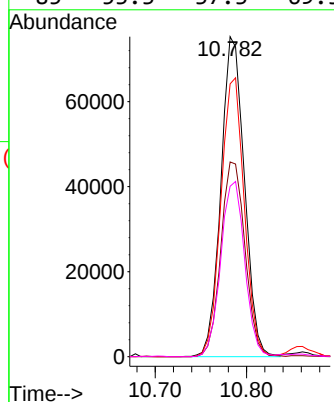
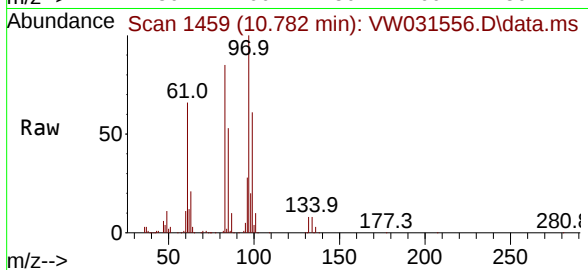


#45
1,1,2-Trichloroethane
Concen: 24.212 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 134591

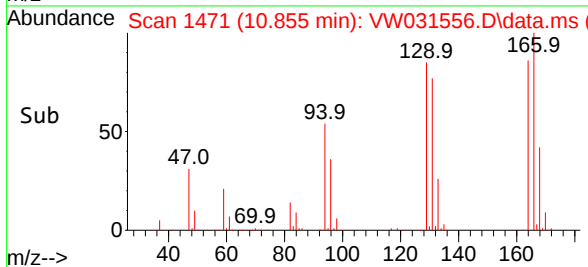
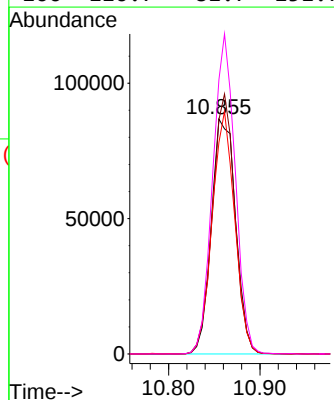
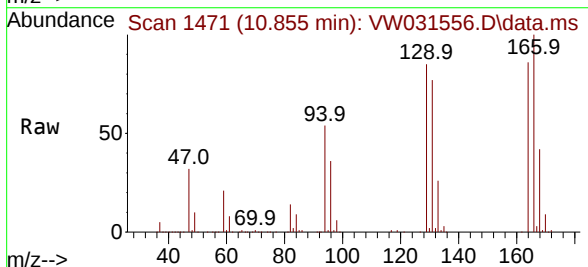
Ion	Ratio	Lower	Upper
97	100		
99	60.9	42.6	79.2
83	85.2	59.6	110.8
85	53.3	37.3	69.3

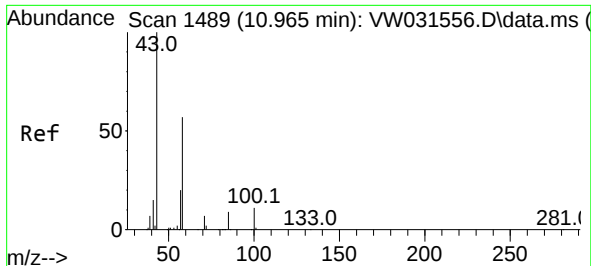


#46
Tetrachloroethene
Concen: 24.062 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

Tgt Ion: 164 Resp: 160184

Ion	Ratio	Lower	Upper
164	100		
129	99.7	69.8	129.6
131	90.1	63.1	117.1
166	116.7	81.7	151.7

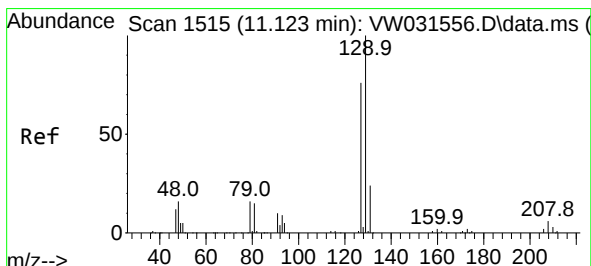
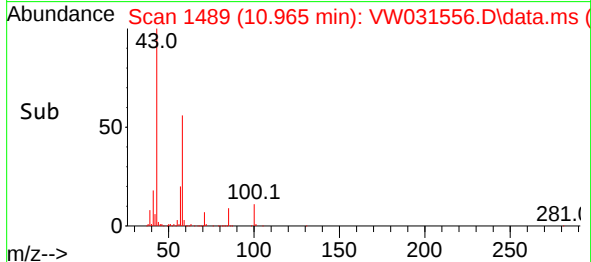
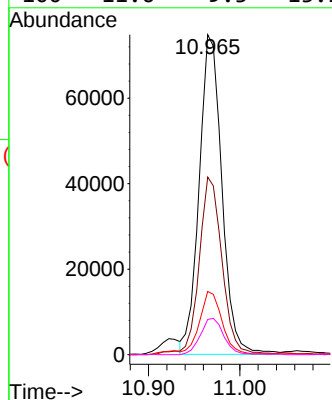
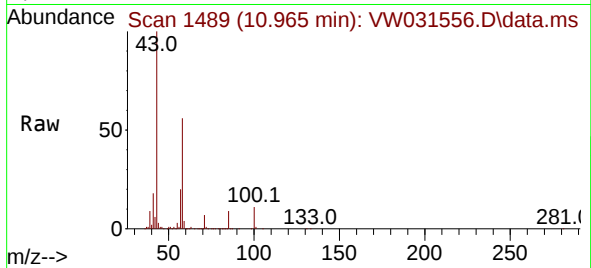




#48
2-Hexanone
Concen: 48.910 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

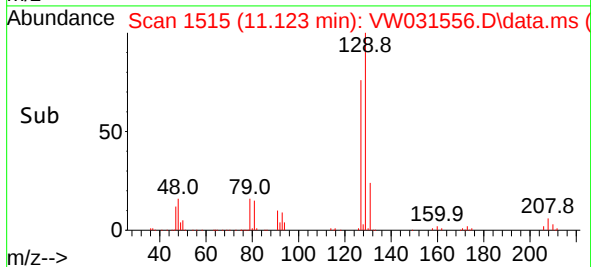
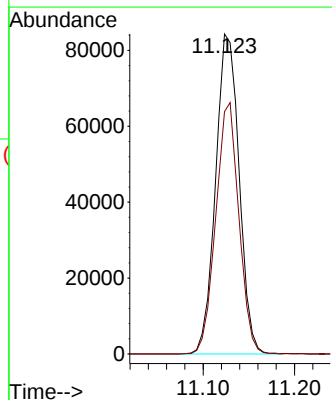
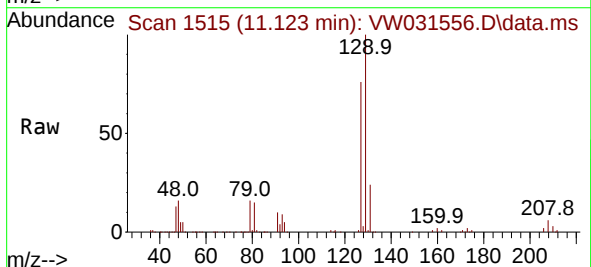
Instrument :
MSVOA_W
ClientSampleId :

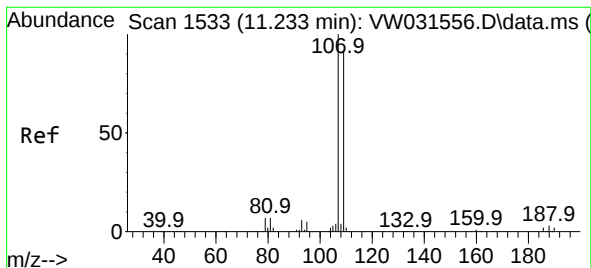
Tgt Ion: 43 Resp: 129385
Ion Ratio Lower Upper
43 100
58 56.0 44.8 67.2
57 19.5 15.6 23.4
100 11.6 9.3 13.9



#49
Dibromochloromethane
Concen: 24.656 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

Tgt Ion: 129 Resp: 150807
Ion Ratio Lower Upper
129 100
127 75.7 53.0 98.4

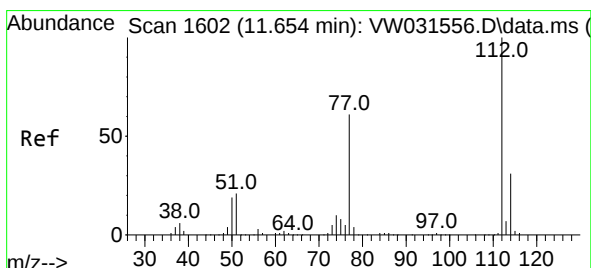
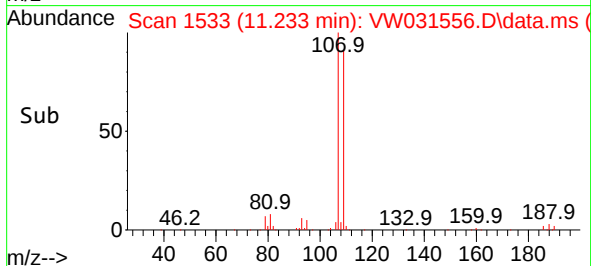
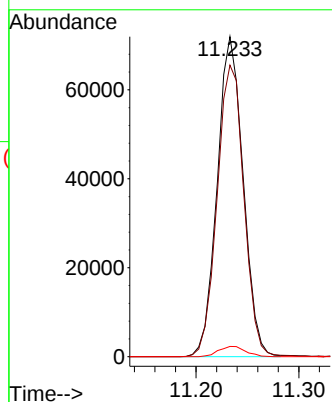
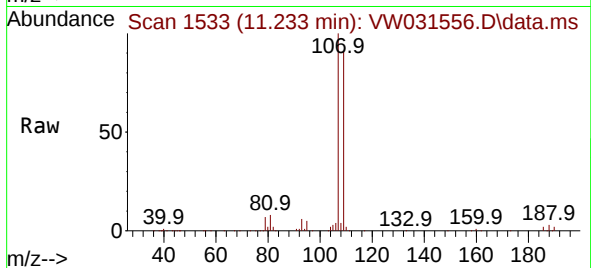




#50
1,2-Dibromoethane
Concen: 24.499 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

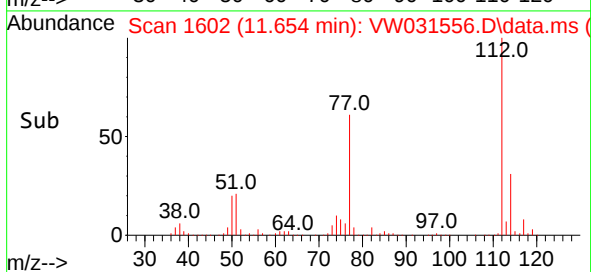
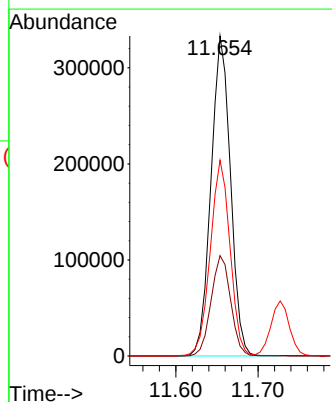
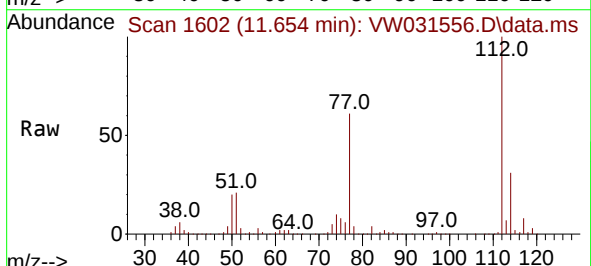
Instrument :
MSVOA_W
ClientSampleId :

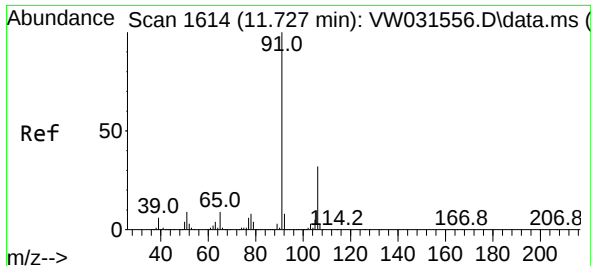
Tgt Ion:107 Resp: 126219
Ion Ratio Lower Upper
107 100
109 91.1 63.8 118.4
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 24.611 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

Tgt Ion:112 Resp: 548144
Ion Ratio Lower Upper
112 100
114 31.4 22.0 40.8
77 61.2 49.0 73.4

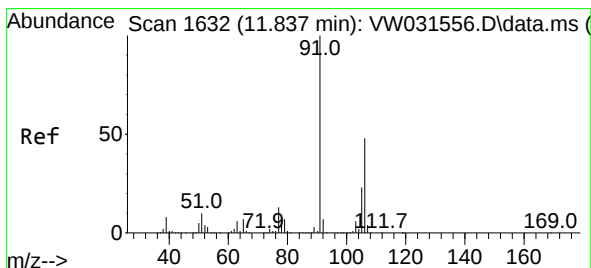
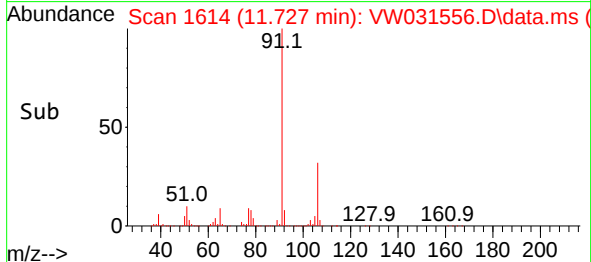
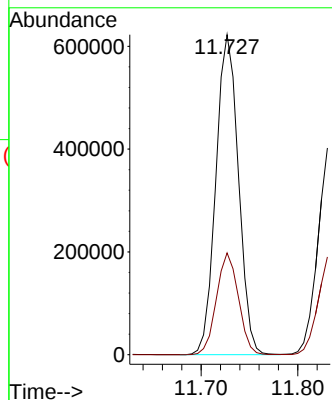
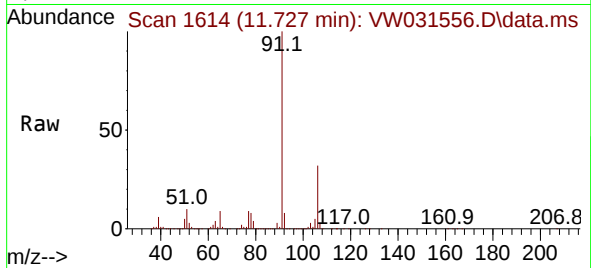




#52
Ethylbenzene
Concen: 24.363 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

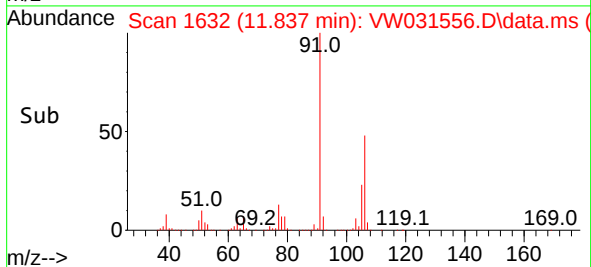
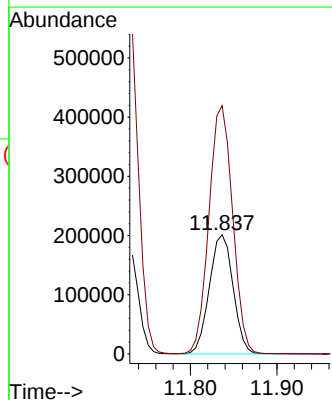
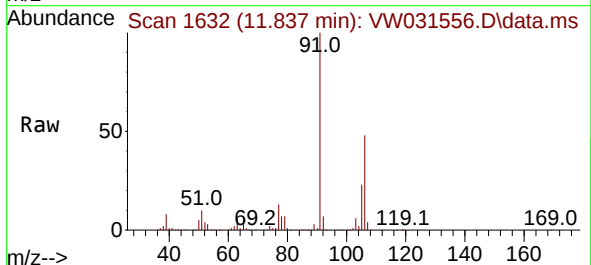
Instrument :
MSVOA_W
ClientSampleId :

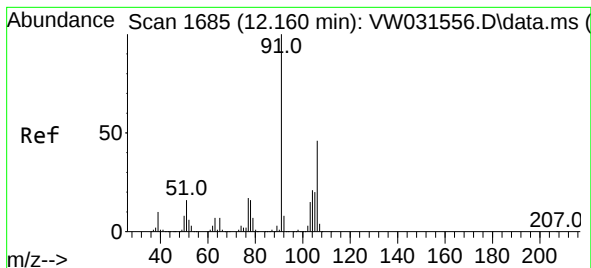
Tgt Ion: 91 Resp: 1008303
Ion Ratio Lower Upper
91 100
106 31.8 22.3 41.3



#53
m,p-Xylene
Concen: 24.326 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

Tgt Ion:106 Resp: 383867
Ion Ratio Lower Upper
106 100
91 208.4 145.9 270.9

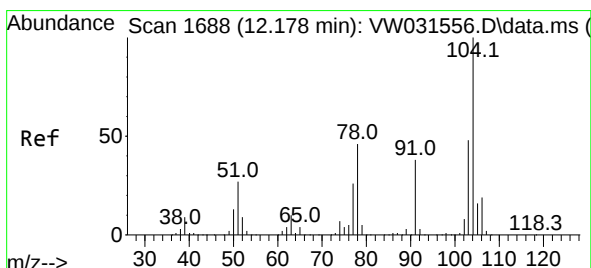
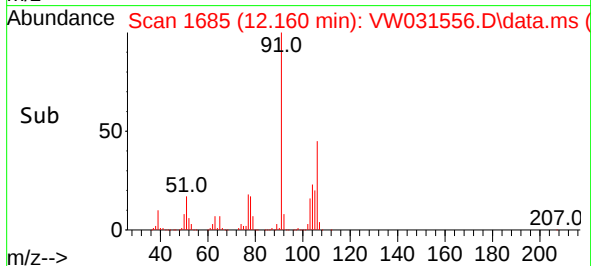
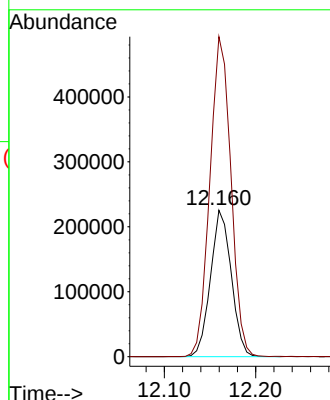
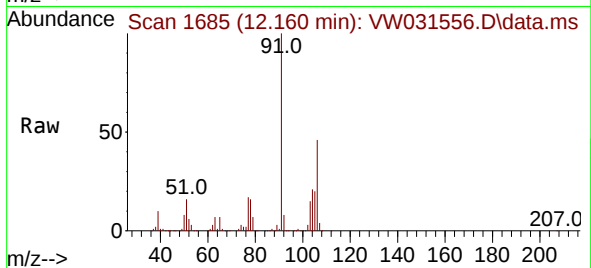




#54
o-Xylene
Concen: 24.275 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

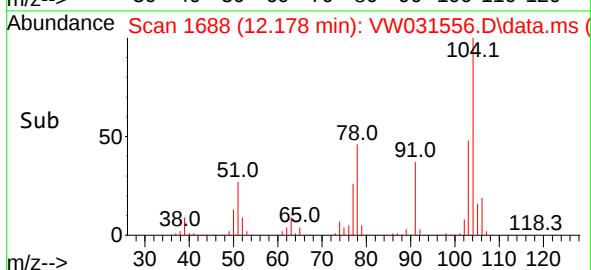
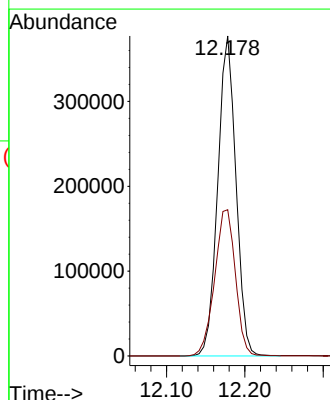
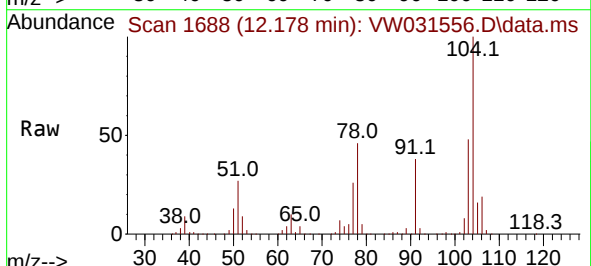
Instrument :
MSVOA_W
ClientSampleId :

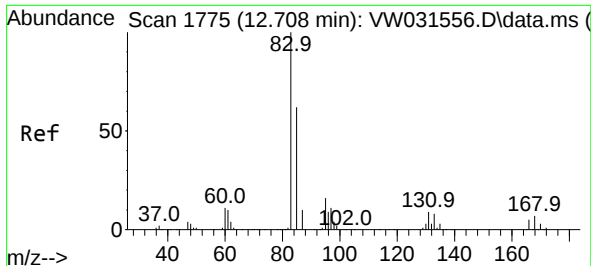
Tgt Ion:106 Resp: 355992
Ion Ratio Lower Upper
106 100
91 218.5 152.9 284.1



#55
Styrene
Concen: 25.000 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

Tgt Ion:104 Resp: 610060
Ion Ratio Lower Upper
104 100
78 45.7 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 23.776 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW031556.D

Acq: 10 Jan 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

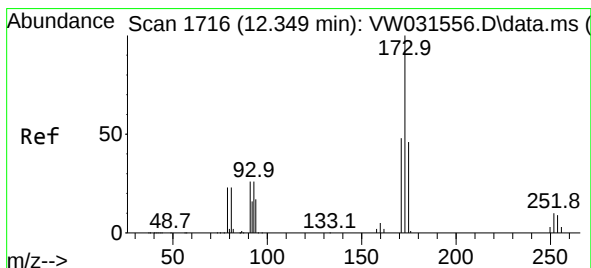
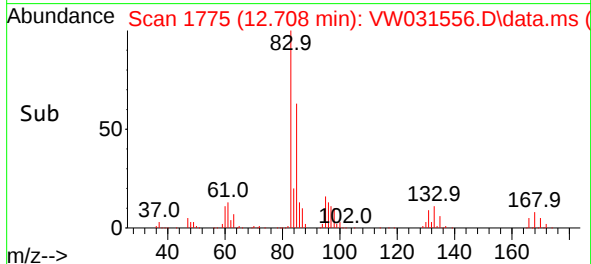
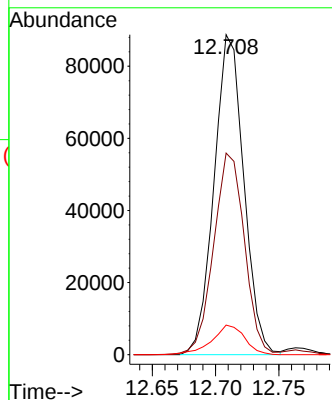
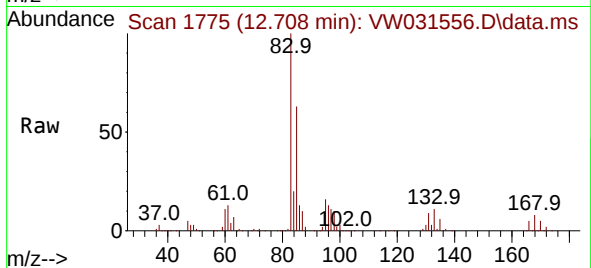
Tgt Ion: 83 Resp: 145232

Ion Ratio Lower Upper

83 100

85 63.0 44.1 81.9

131 9.2 7.4 11.0



#59

Bromoform

Concen: 24.605 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW031556.D

Acq: 10 Jan 2025 10:33

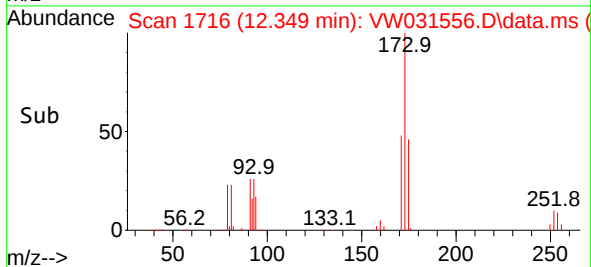
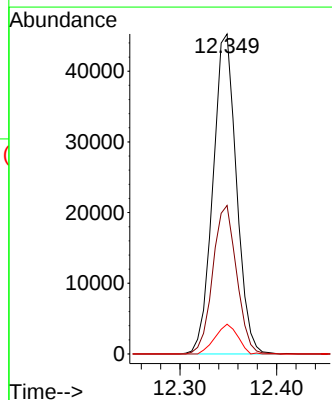
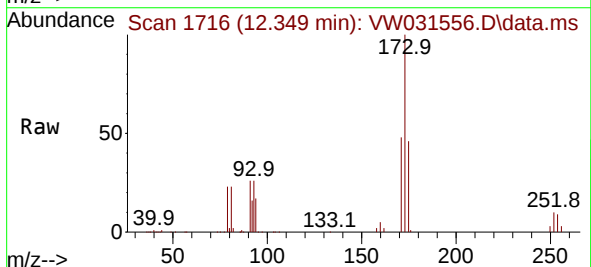
Tgt Ion:173 Resp: 76314

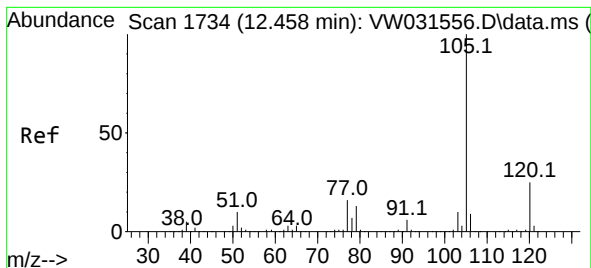
Ion Ratio Lower Upper

173 100

175 47.1 37.7 56.5

254 8.9 7.1 10.7





#60

Isopropylbenzene

Concen: 24.974 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031556.D

Acq: 10 Jan 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

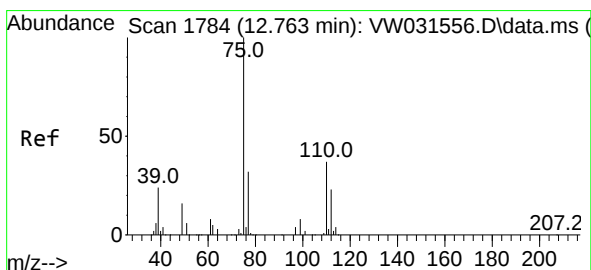
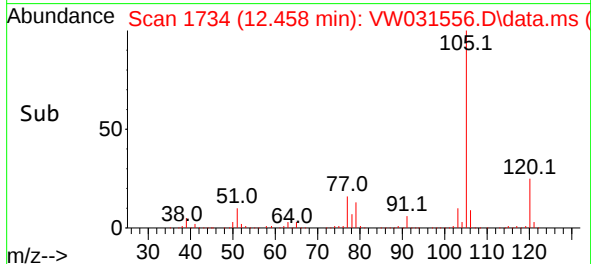
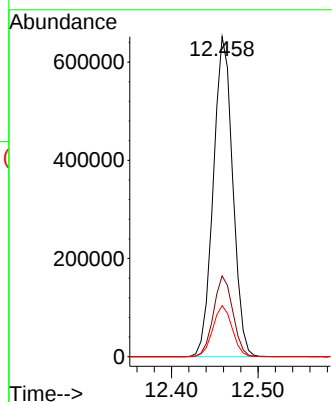
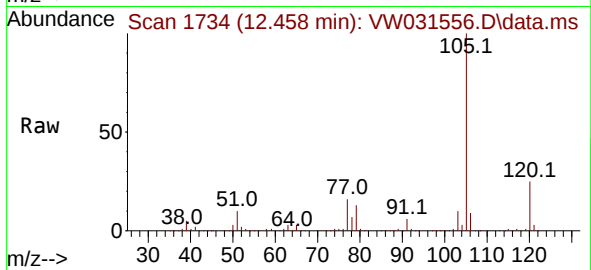
Tgt Ion:105 Resp: 1015510

Ion Ratio Lower Upper

105 100

120 25.1 20.1 30.1

77 15.9 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 24.740 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031556.D

Acq: 10 Jan 2025 10:33

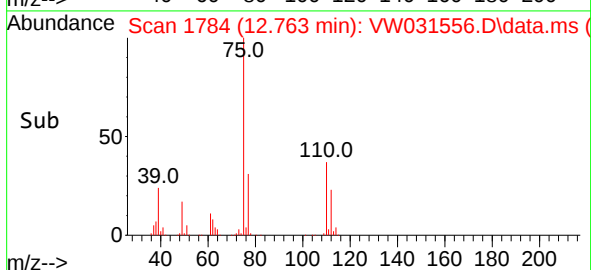
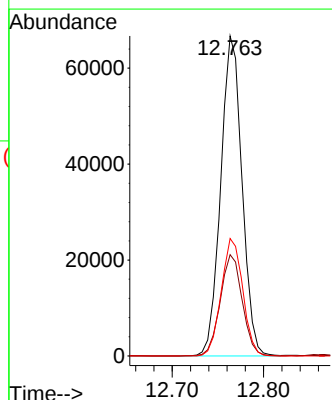
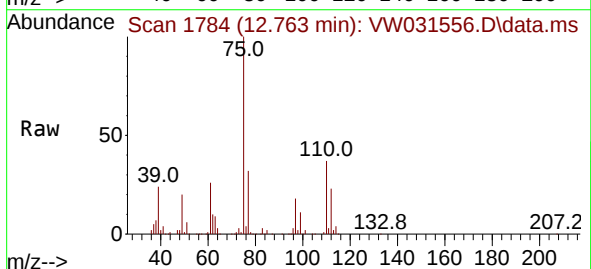
Tgt Ion: 75 Resp: 108143

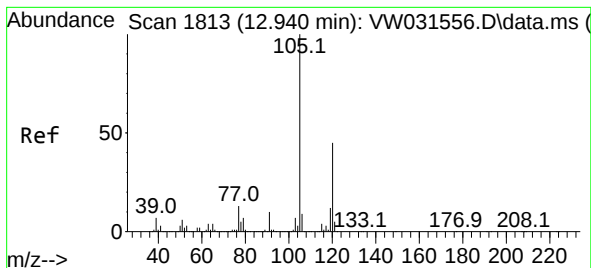
Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2

110 37.0 29.6 44.4

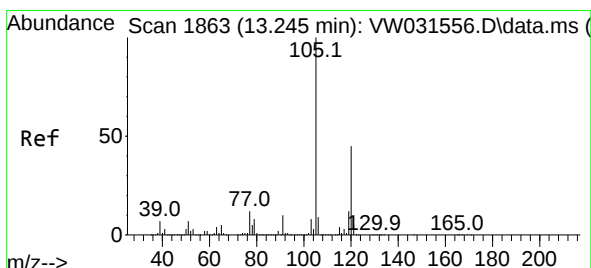
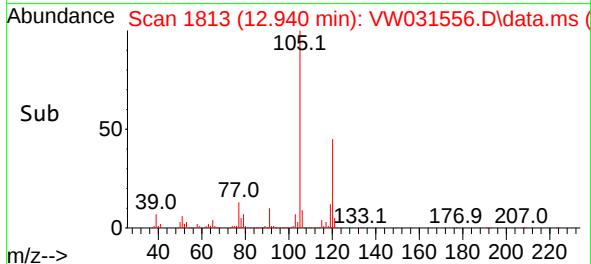
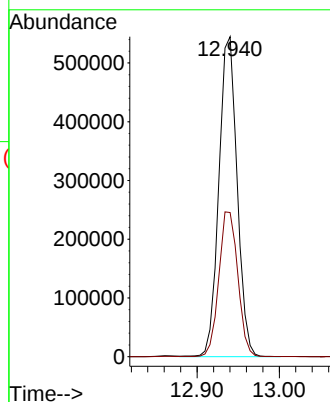
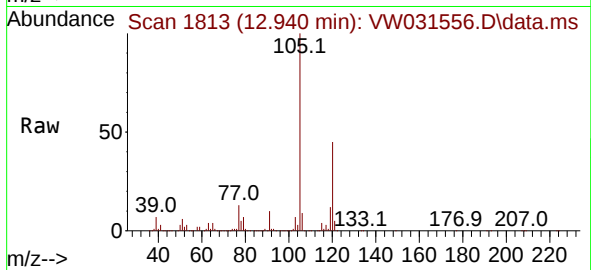




#62
1,3,5-Trimethylbenzene
Concen: 25.114 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

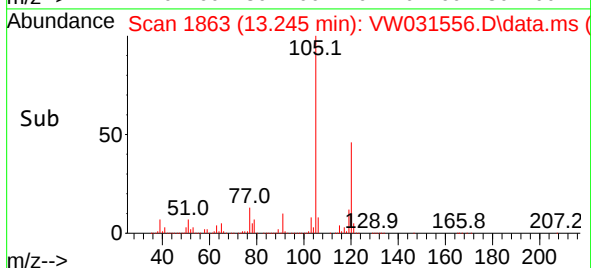
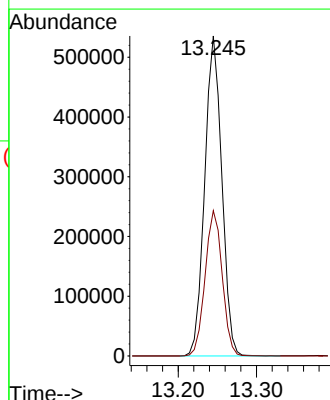
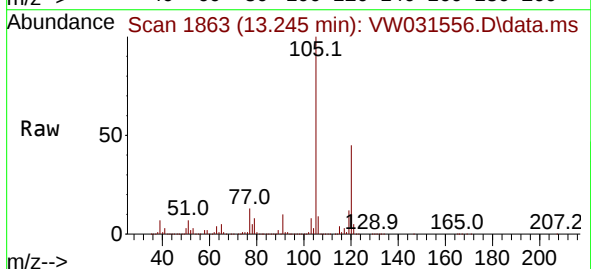
Instrument :
MSVOA_W
ClientSampleId :

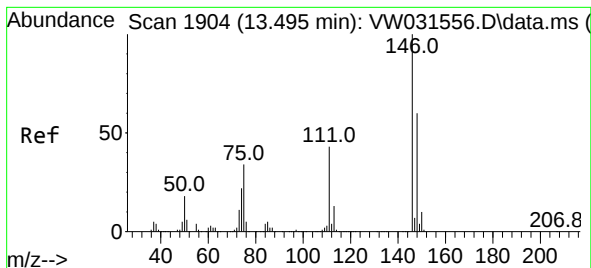
Tgt Ion:105 Resp: 840871
Ion Ratio Lower Upper
105 100
120 47.0 37.6 56.4



#63
1,2,4-Trimethylbenzene
Concen: 24.904 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

Tgt Ion:105 Resp: 811555
Ion Ratio Lower Upper
105 100
120 45.4 36.3 54.5

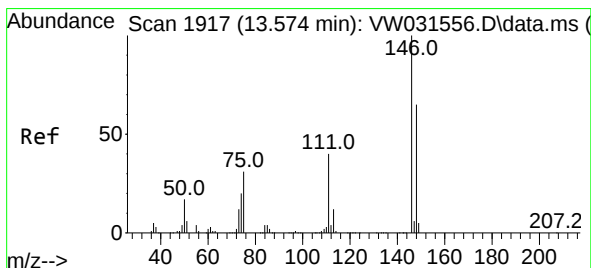
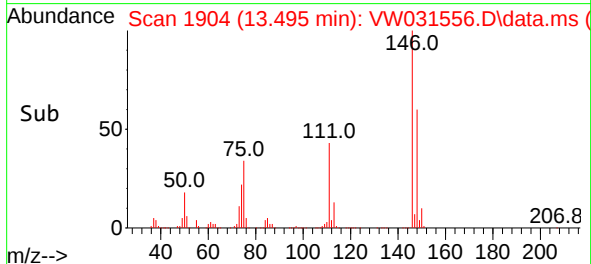
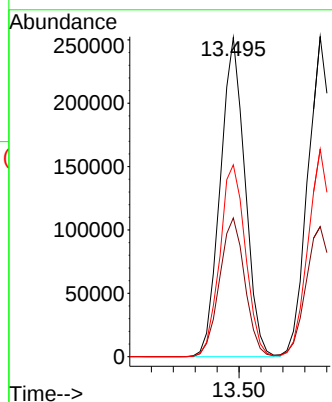
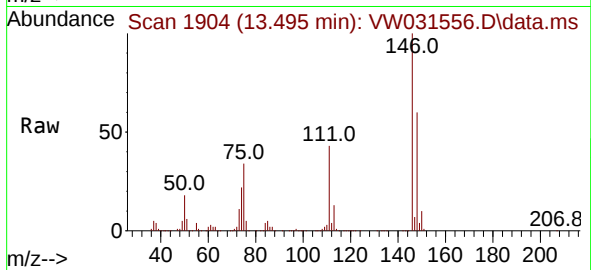




#64
1,3-Dichlorobenzene
Concen: 24.477 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

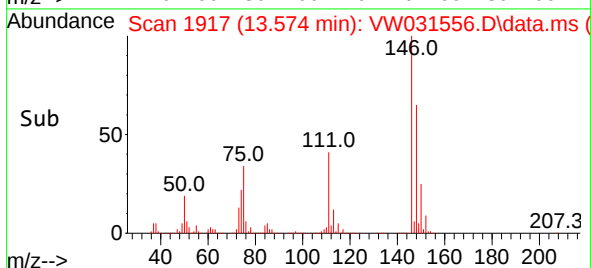
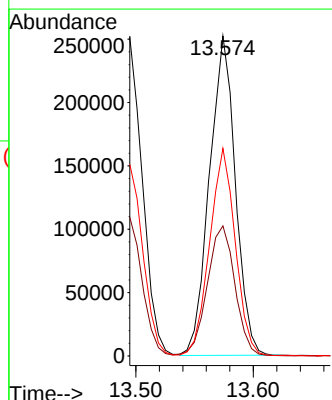
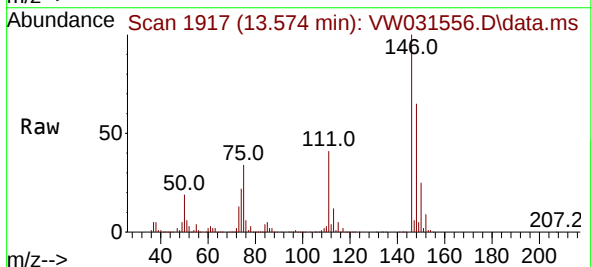
Instrument :
MSVOA_W
ClientSampleId :

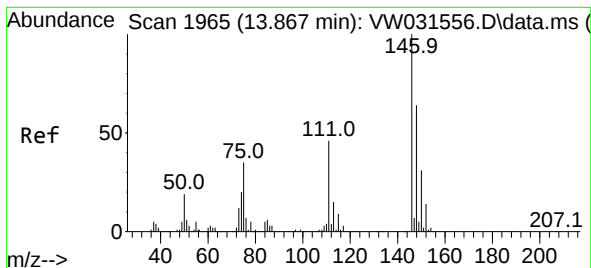
Tgt Ion:146 Resp: 394752
Ion Ratio Lower Upper
146 100
111 43.5 30.4 56.5
148 60.1 42.1 78.1



#65
1,4-Dichlorobenzene
Concen: 24.242 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031556.D
Acq: 10 Jan 2025 10:33

Tgt Ion:146 Resp: 386671
Ion Ratio Lower Upper
146 100
111 40.7 28.5 52.9
148 64.9 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 24.243 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031556.D

Acq: 10 Jan 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

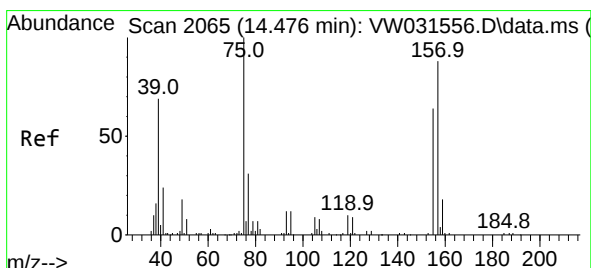
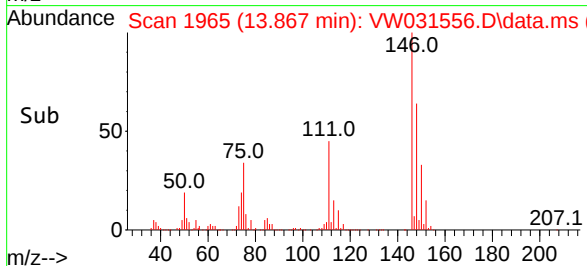
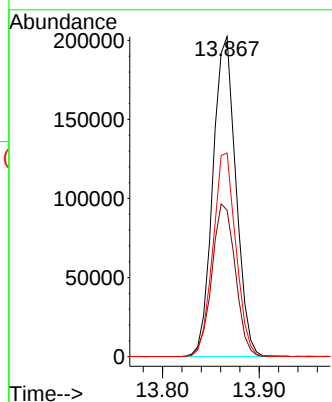
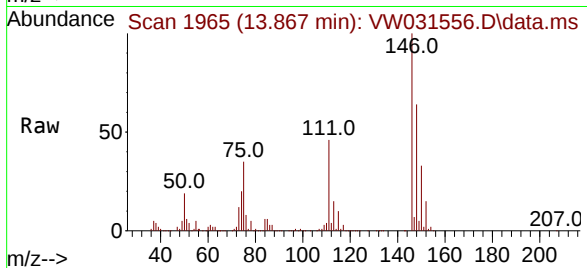
Tgt Ion:146 Resp: 333894

Ion Ratio Lower Upper

146 100

111 45.8 36.6 55.0

148 63.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 24.533 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031556.D

Acq: 10 Jan 2025 10:33

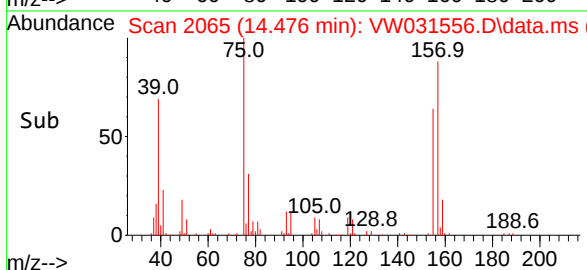
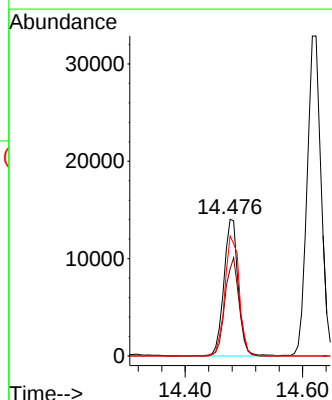
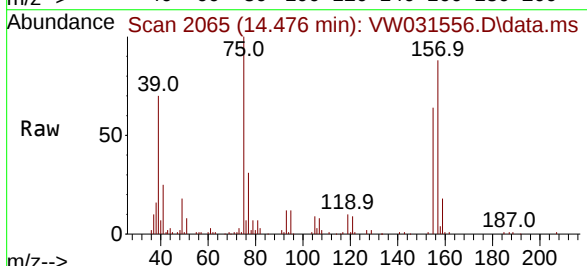
Tgt Ion: 75 Resp: 23975

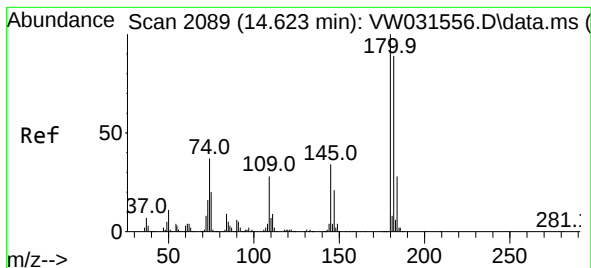
Ion Ratio Lower Upper

75 100

155 63.7 51.0 76.4

157 87.7 70.2 105.2





#69

1,3,5-Trichlorobenzene

Concen: 24.753 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW031556.D

Acq: 10 Jan 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 270531

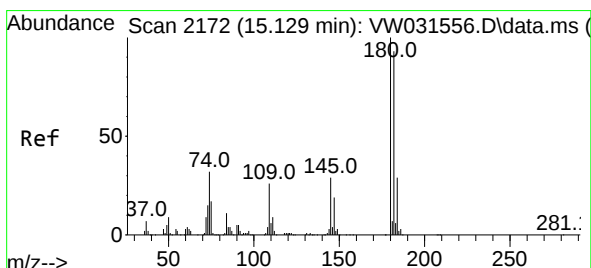
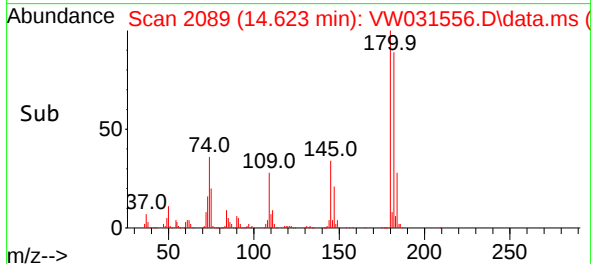
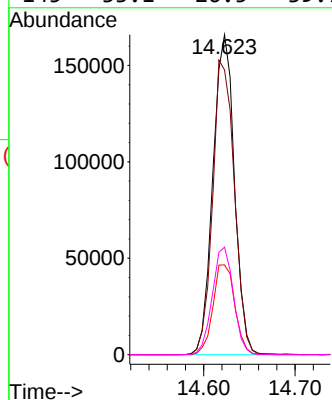
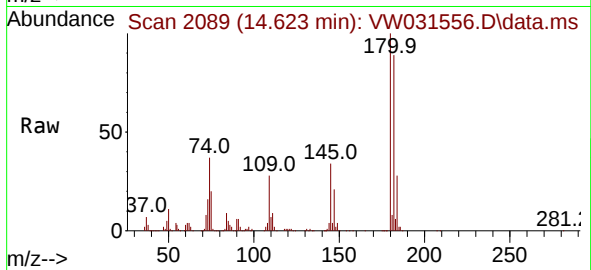
Ion Ratio Lower Upper

180 100

182 92.8 74.2 111.4

184 28.7 23.0 34.4

145 33.1 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 24.772 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031556.D

Acq: 10 Jan 2025 10:33

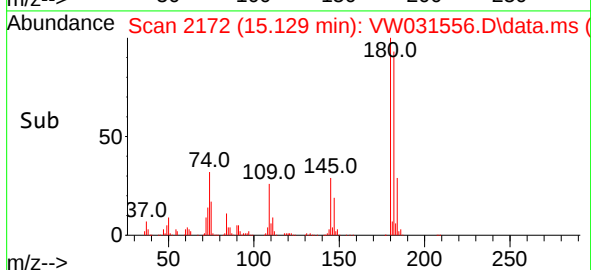
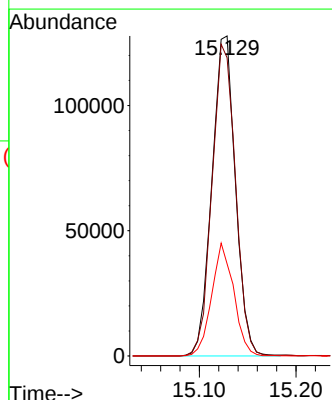
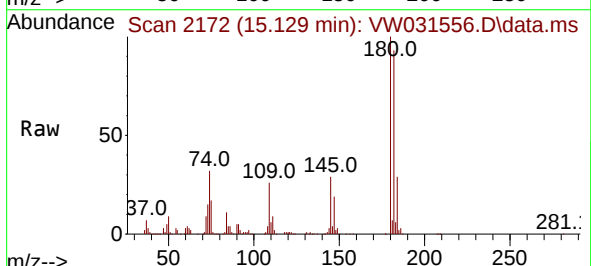
Tgt Ion:180 Resp: 215641

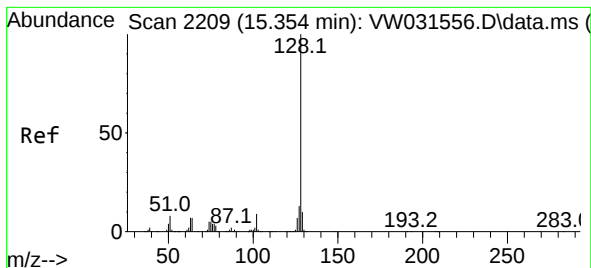
Ion Ratio Lower Upper

180 100

182 97.1 77.7 116.5

145 33.2 26.6 39.8





#71

Naphthalene

Concen: 24.574 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VW031556.D

Acq: 10 Jan 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

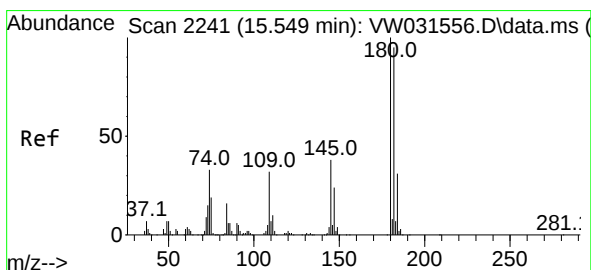
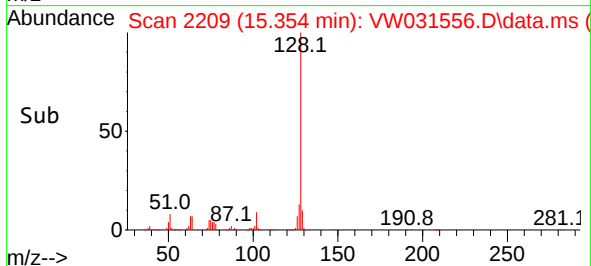
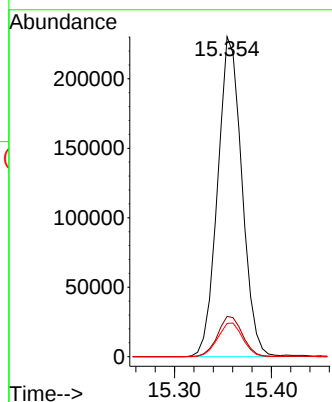
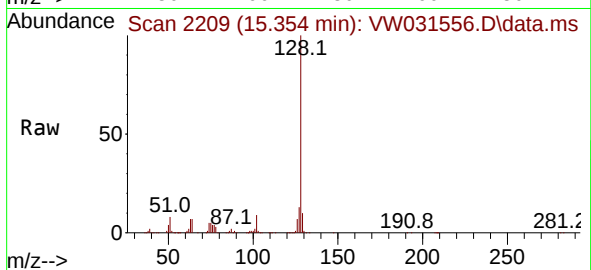
Tgt Ion:128 Resp: 401129

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 23.286 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031556.D

Acq: 10 Jan 2025 10:33

Tgt Ion:180 Resp: 170727

Ion Ratio Lower Upper

180 100

182 96.1 76.9 115.3

145 37.6 30.1 45.1

