

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
 Data File : VW031586.D
 Acq On : 27 Jan 2025 09:09
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 28 00:11:05 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	8.843	114	656929	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	563705	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	265251	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	214529	20.811	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.240%
7) Chloroethane-d5	2.899	69	167841	22.799	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	4.021	65	110202	24.027	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.120%
21) 2-Butanone-d5	7.094	46	98507	59.446	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.900%
24) Chloroform-d	7.648	84	449765	26.455	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.800%
26) 1,2-Dichloroethane-d4	8.307	65	226718	27.094	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.360%
32) Benzene-d6	8.276	84	920874	26.007	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.040%
36) 1,2-Dichloropropane-d6	9.270	67	278459	26.635	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.560%
41) Toluene-d8	10.319	98	836696	26.176	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.720%
43) trans-1,3-Dichloroprop...	10.575	79	115771	26.966	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.880%
47) 2-Hexanone-d5	10.922	63	63984	59.972	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.940%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	183727	28.737	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	244417	26.272	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	161708	18.926	ug/L	97
3) Chloromethane	2.222	50	158848	17.937	ug/L	98
5) Vinyl chloride	2.369	62	222783	19.722	ug/L	99
6) Bromomethane	2.789	94	124842	18.909	ug/L	95
8) Chloroethane	2.936	64	131511	19.806	ug/L	98
9) Trichlorofluoromethane	3.271	101	227165	20.242	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	185555	21.594	ug/L	96
12) 1,1-Dichloroethene	4.039	96	183897	21.037	ug/L	89
14) Carbon disulfide	4.387	76	565398	19.202	ug/L	99
15) Methyl Acetate	4.685	43	70775	21.183	ug/L #	74
16) Methylene chloride	4.917	84	184302	20.600	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	193297	20.588	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	336048	22.321	ug/L	99
19) 1,1-Dichloroethane	6.222	63	372745	21.102	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	212293	21.177	ug/L	96
22) 2-Butanone	7.185	43	89713	41.188	ug/L	98
23) Bromochloromethane	7.514	128	85532	21.787	ug/L	98
25) Chloroform	7.679	83	358570	21.342	ug/L	99
27) 1,2-Dichloroethane	8.398	62	225975	21.837	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
 Data File : VW031586.D
 Acq On : 27 Jan 2025 09:09
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 28 00:11:05 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

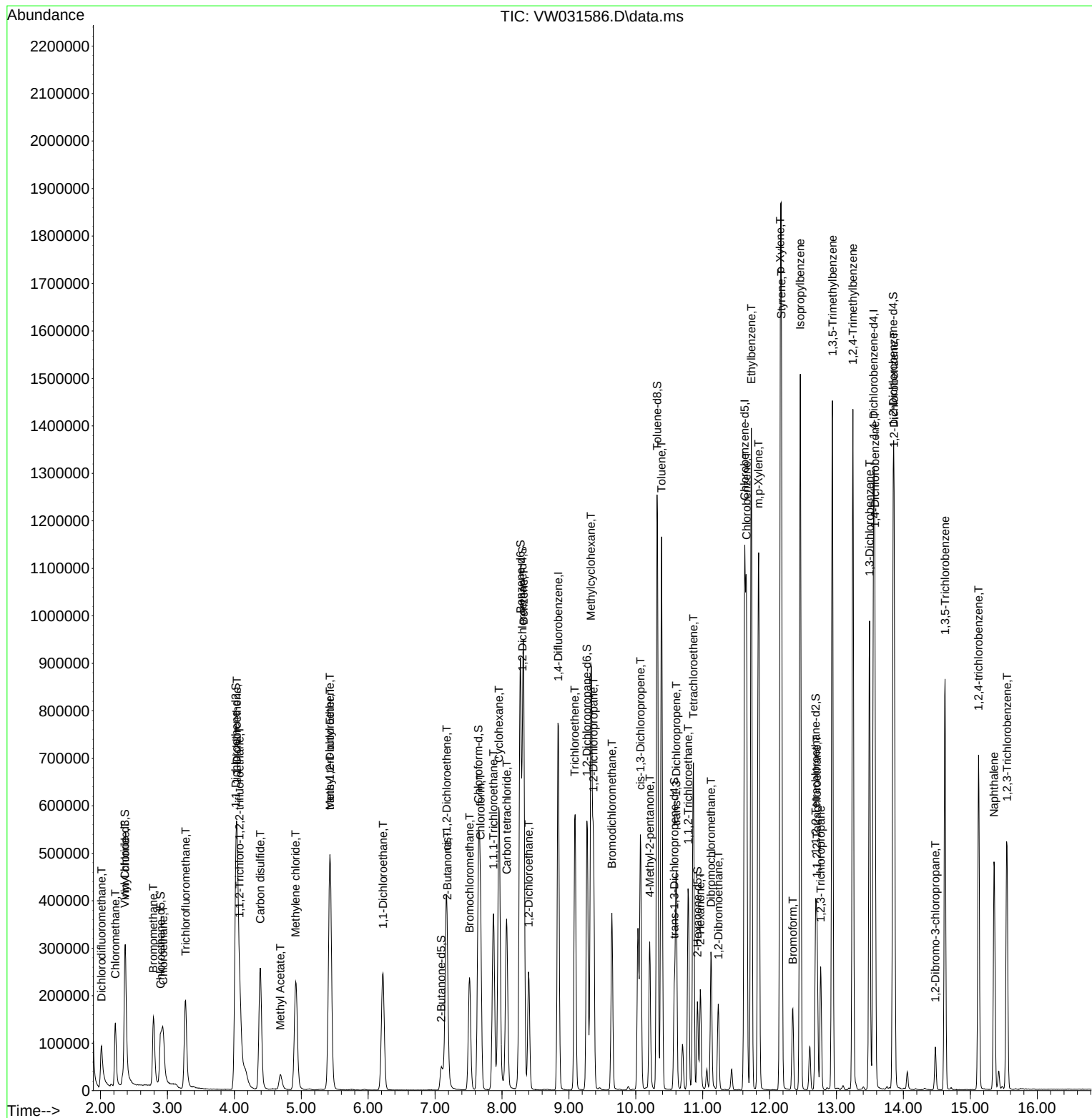
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	368350	20.388	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	309098	21.123	ug/L	99
31) Carbon tetrachloride	8.069	117	278464	21.463	ug/L	98
33) Benzene	8.325	78	808079	20.946	ug/L	100
34) Trichloroethene	9.087	95	213399	20.574	ug/L	98
35) Methylcyclohexane	9.331	83	378446	20.351	ug/L	99
37) 1,2-Dichloropropane	9.367	63	204265	21.065	ug/L	100
38) Bromodichloromethane	9.642	83	250749	21.378	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	329133	21.577	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	204075	42.164	ug/L	99
42) Toluene	10.386	91	835589	20.719	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	265998	21.816	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	136015	21.884	ug/L	97
46) Tetrachloroethene	10.861	164	152980	20.553	ug/L	91
48) 2-Hexanone	10.965	43	132938	44.946	ug/L	100
49) Dibromochloromethane	11.123	129	149217	21.820	ug/L	99
50) 1,2-Dibromoethane	11.233	107	126488	21.958	ug/L	97
51) Chlorobenzene	11.654	112	522541	20.983	ug/L	97
52) Ethylbenzene	11.727	91	963771	20.828	ug/L	98
53) m,p-Xylene	11.837	106	372186	21.095	ug/L	97
54) o-Xylene	12.160	106	348893	21.278	ug/L	97
55) Styrene	12.178	104	586177	21.485	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	151447	22.175	ug/L	98
59) Bromoform	12.349	173	79072	22.372	ug/L	99
60) Isopropylbenzene	12.458	105	973245	21.003	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	110577	22.199	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	800231	20.973	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	768674	20.699	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	395638	21.527	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	376409	20.708	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	333794	21.268	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	24527	22.024	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	256003	20.555	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	210807	21.251	ug/L	98
71) Naphthalene	15.354	128	413647	22.238	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	178199	21.328	ug/L	96

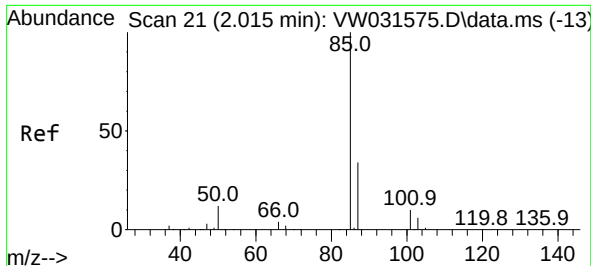
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
Data File : VW031586.D
Acq On : 27 Jan 2025 09:09
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jan 28 00:11:05 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

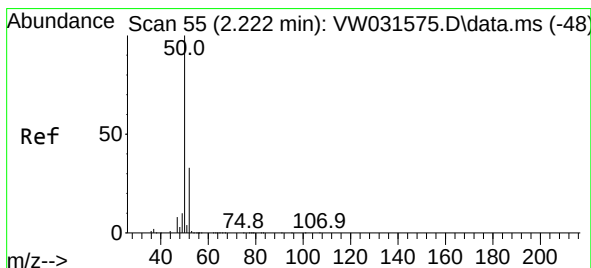
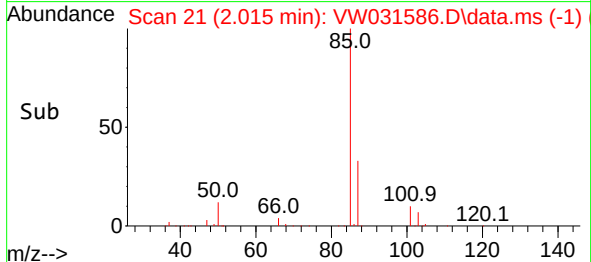
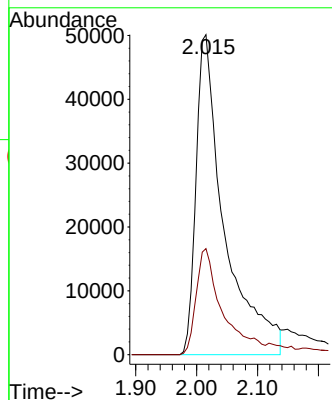
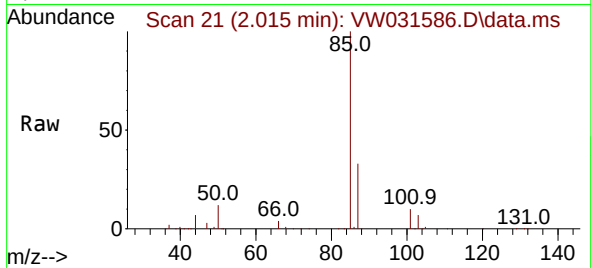




#2
 Dichlorodifluoromethane
 Concen: 18.926 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031586.D
 Acq: 27 Jan 2025 09:09

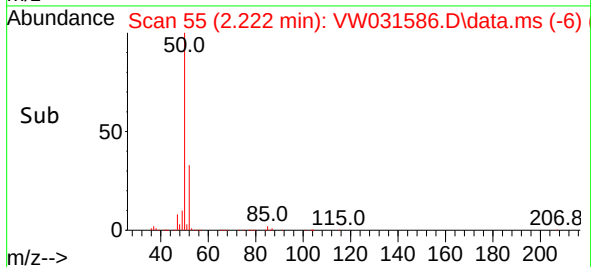
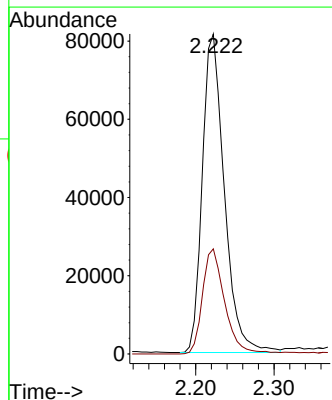
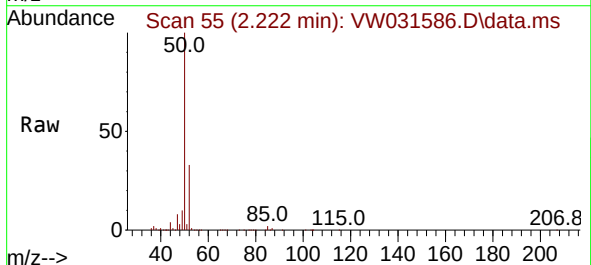
Instrument :
 MSVOA_W
 ClientSampleId :

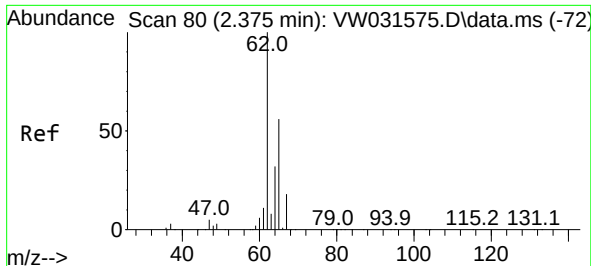
Tgt Ion: 85 Resp: 161708
 Ion Ratio Lower Upper
 85 100
 87 29.3 25.0 37.4



#3
 Chloromethane
 Concen: 17.937 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW031586.D
 Acq: 27 Jan 2025 09:09

Tgt Ion: 50 Resp: 158848
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.3 41.3

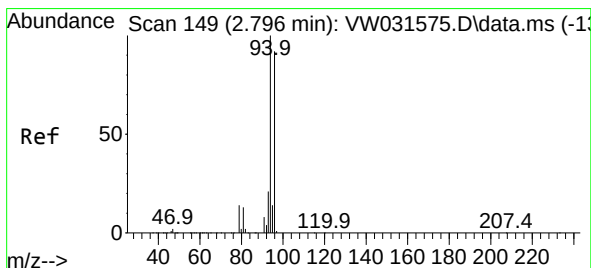
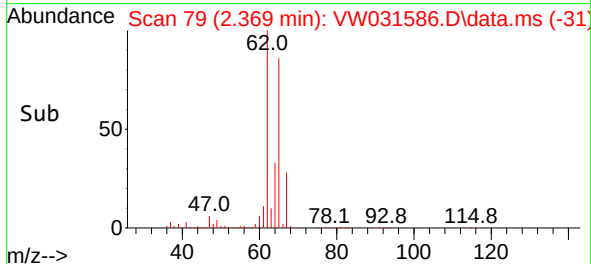
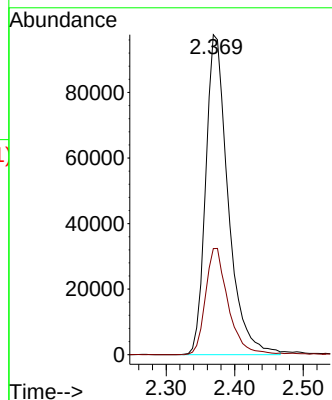
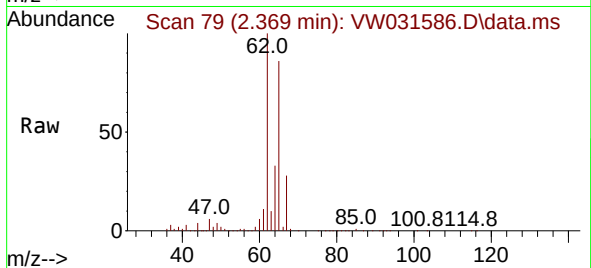




#5
 Vinyl chloride
 Concen: 19.722 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW031586.D
 Acq: 27 Jan 2025 09:09

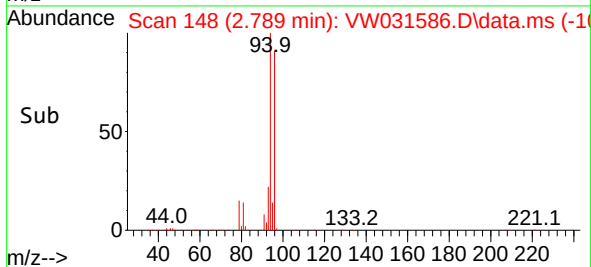
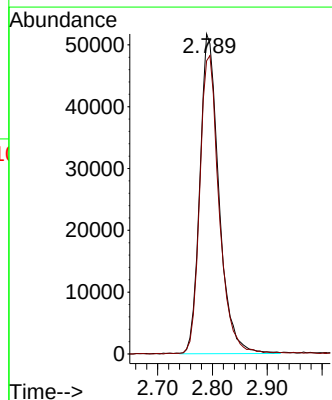
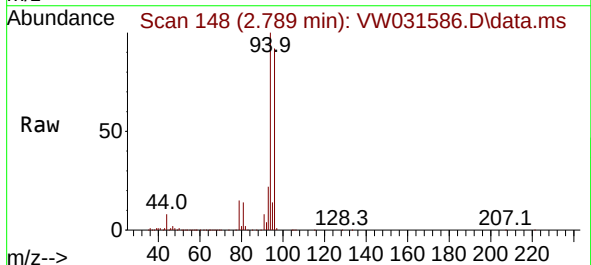
Instrument :
 MSVOA_W
 ClientSampleId :

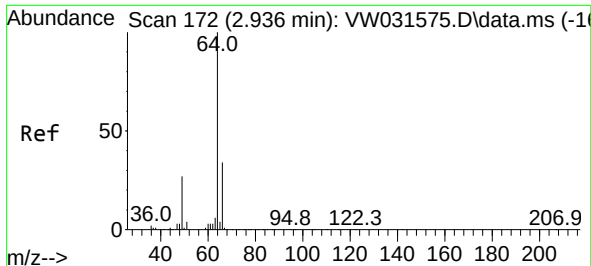
Tgt Ion: 62 Resp: 222783
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.7 42.3



#6
 Bromomethane
 Concen: 18.909 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW031586.D
 Acq: 27 Jan 2025 09:09

Tgt Ion: 94 Resp: 124842
 Ion Ratio Lower Upper
 94 100
 96 91.6 67.6 125.6

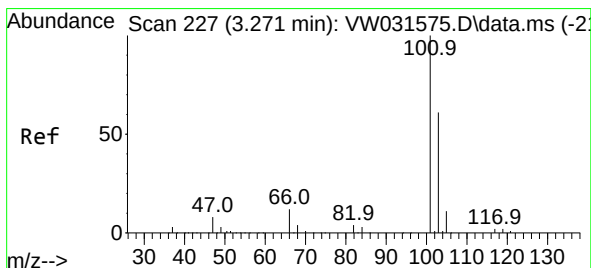
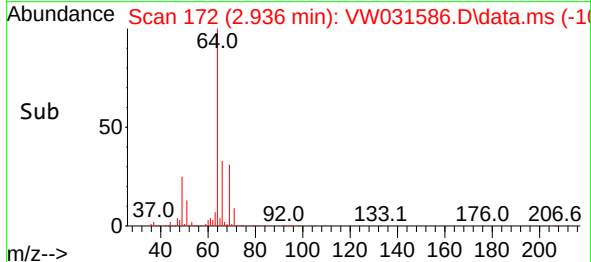
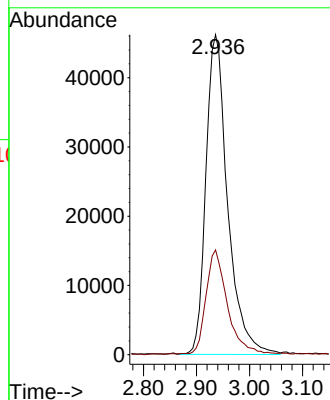
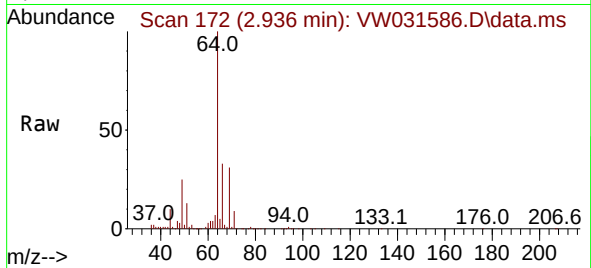




#8
Chloroethane
Concen: 19.806 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW031586.D
Acq: 27 Jan 2025 09:09

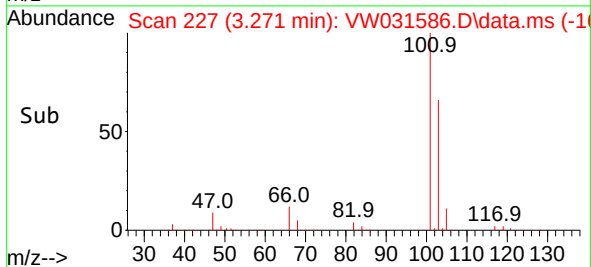
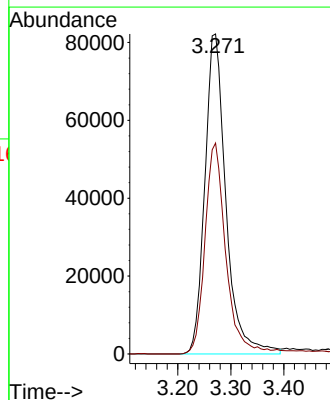
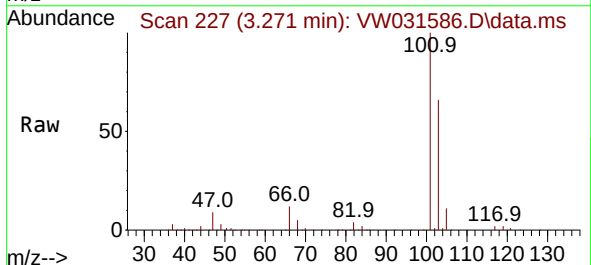
Instrument :
MSVOA_W
ClientSampleId :

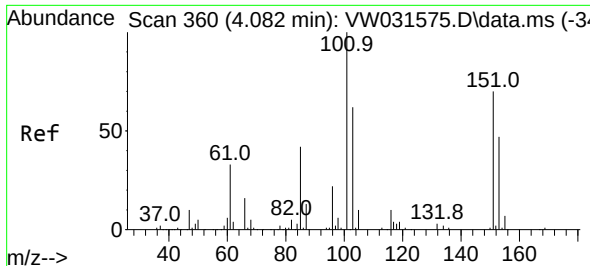
Tgt Ion: 64 Resp: 131511
Ion Ratio Lower Upper
64 100
66 32.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 20.242 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW031586.D
Acq: 27 Jan 2025 09:09

Tgt Ion: 101 Resp: 227165
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

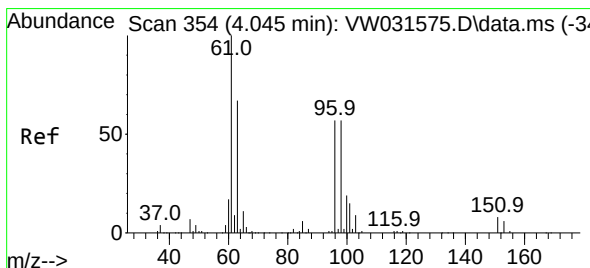
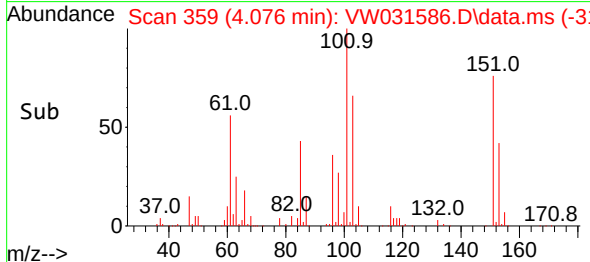
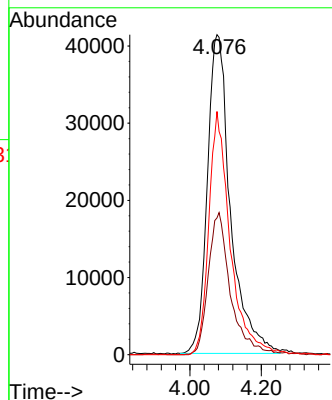
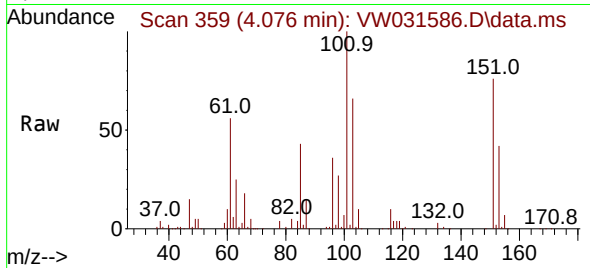




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.594 ug/L
 RT: 4.076 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW031586.D
 Acq: 27 Jan 2025 09:09

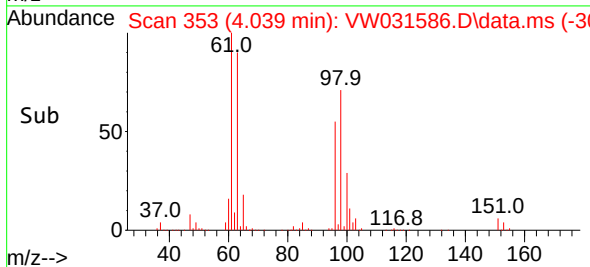
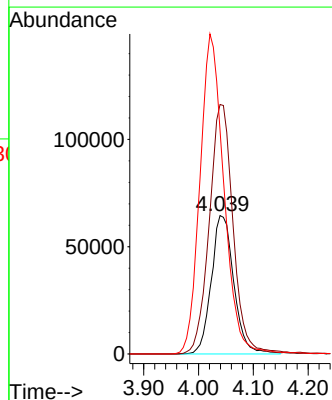
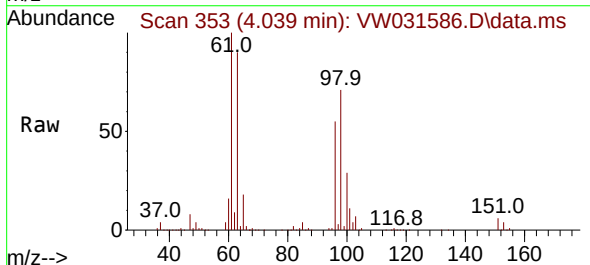
Instrument :
 MSVOA_W
 ClientSampleId :

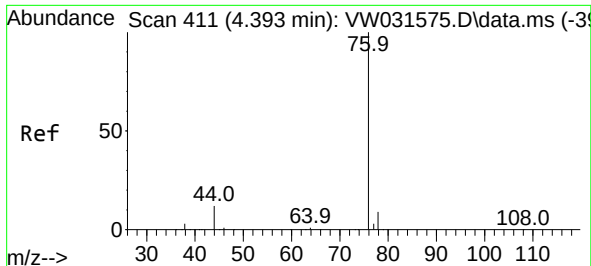
Tgt Ion:101 Resp: 185555
 Ion Ratio Lower Upper
 101 100
 85 40.5 36.1 54.1
 151 69.7 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 21.037 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW031586.D
 Acq: 27 Jan 2025 09:09

Tgt Ion: 96 Resp: 183897
 Ion Ratio Lower Upper
 96 100
 61 180.3 123.8 230.0
 63 161.7 94.1 174.8

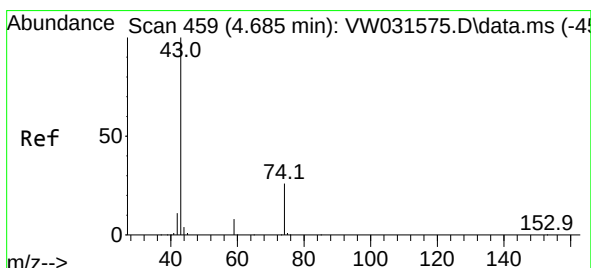
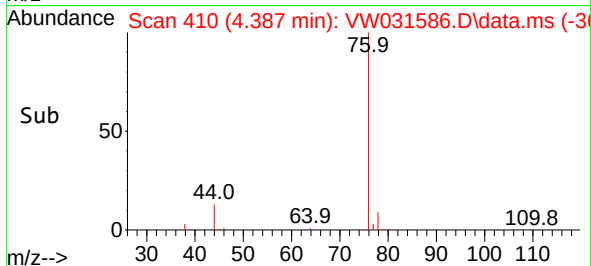
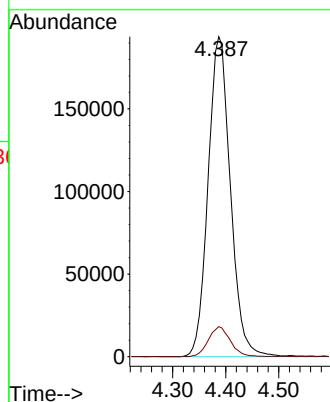
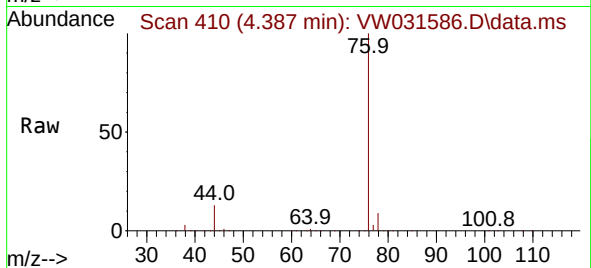




#14
Carbon disulfide
Concen: 19.202 ug/L
RT: 4.387 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW031586.D
Acq: 27 Jan 2025 09:09

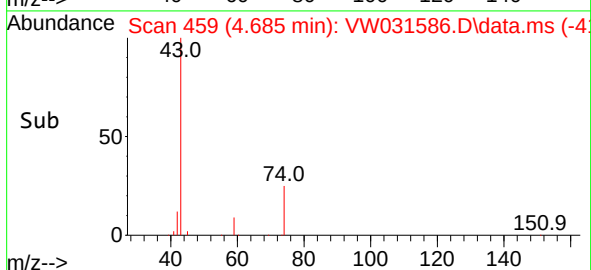
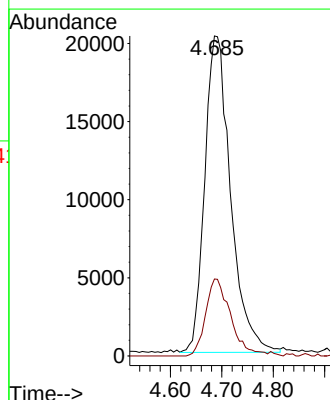
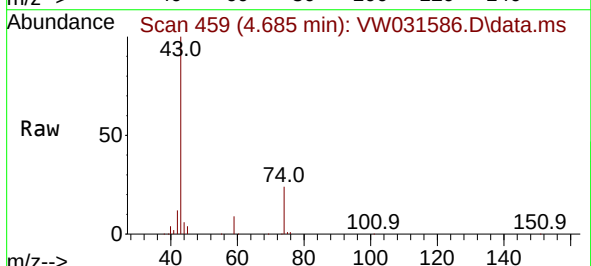
Instrument :
MSVOA_W
ClientSampleId :

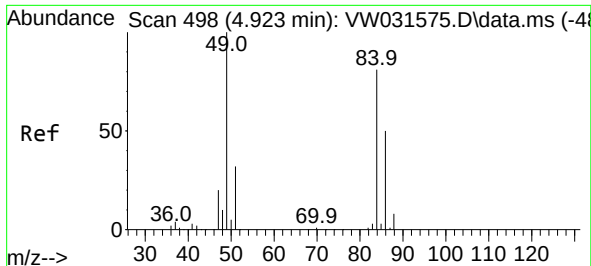
Tgt Ion: 76 Resp: 565398
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#15
Methyl Acetate
Concen: 21.183 ug/L
RT: 4.685 min Scan# 459
Delta R.T. -0.006 min
Lab File: VW031586.D
Acq: 27 Jan 2025 09:09

Tgt Ion: 43 Resp: 70775
Ion Ratio Lower Upper
43 100
74 23.5 10.6 15.8#

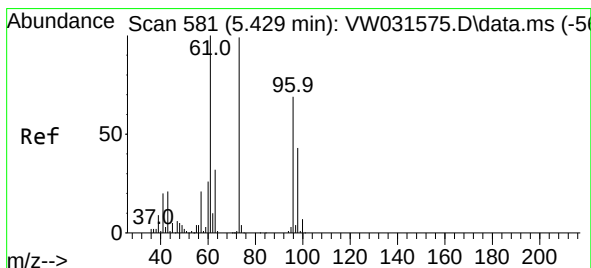
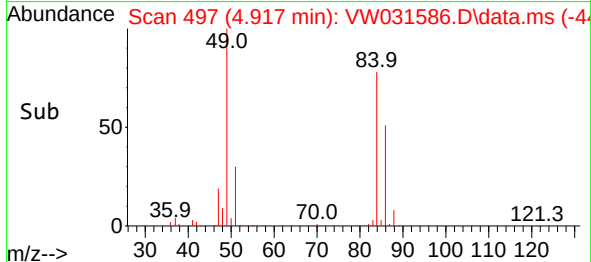
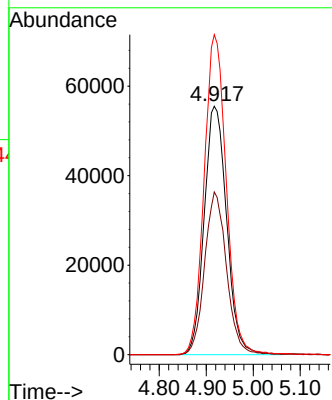
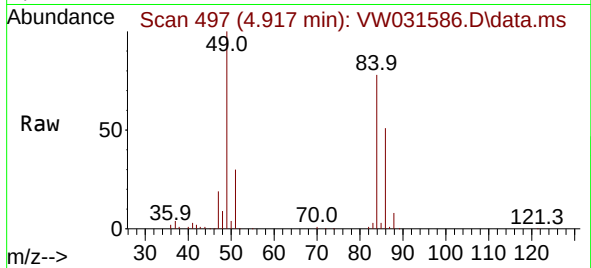




#16
Methylene chloride
Concen: 20.600 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW031586.D
Acq: 27 Jan 2025 09:09

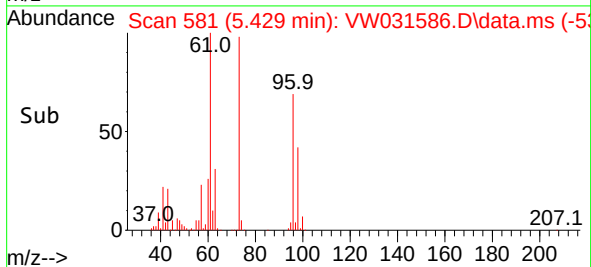
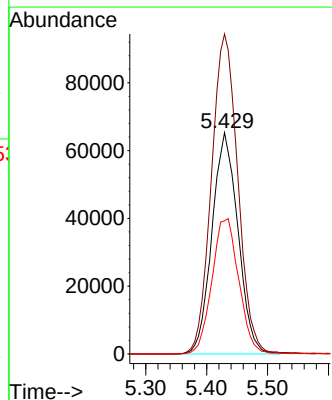
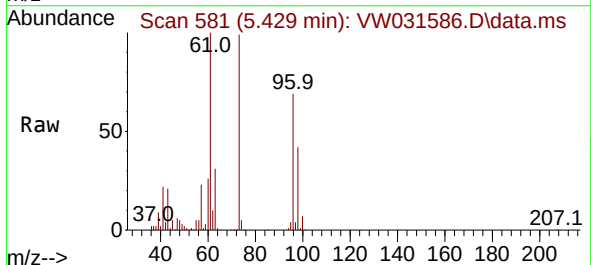
Instrument :
MSVOA_W
ClientSampleId :

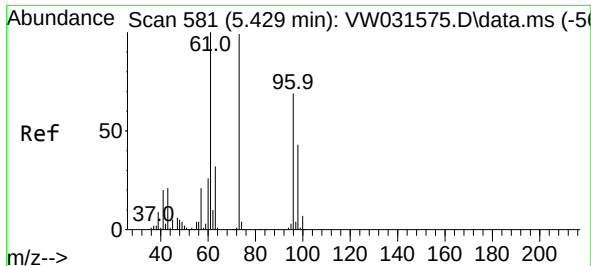
Tgt Ion: 84 Resp: 184302
Ion Ratio Lower Upper
84 100
86 65.5 47.0 87.2
49 128.8 89.8 166.8



#17
trans-1,2-Dichloroethene
Concen: 20.588 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW031586.D
Acq: 27 Jan 2025 09:09

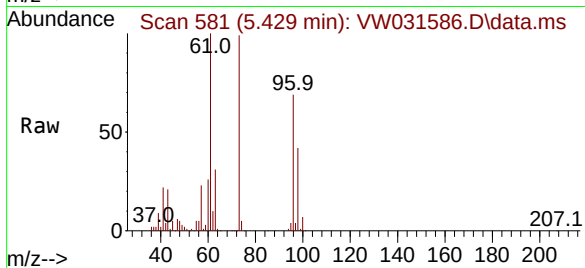
Tgt Ion: 96 Resp: 193297
Ion Ratio Lower Upper
96 100
61 144.6 105.1 195.1
98 60.1 44.9 83.3



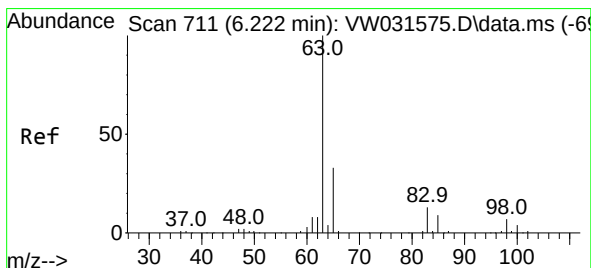
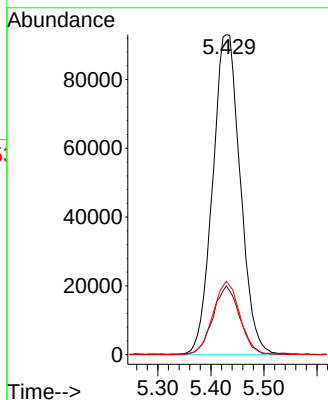
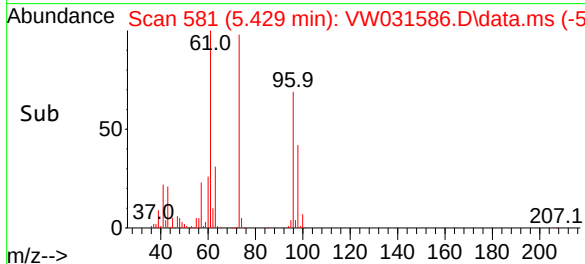


#18
Methyl tert-butyl Ether
Concen: 22.321 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW031586.D
Acq: 27 Jan 2025 09:09

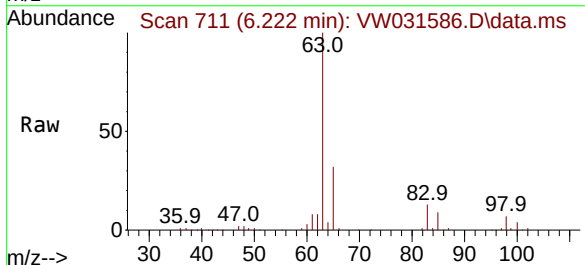
Instrument :
MSVOA_W
ClientSampleId :



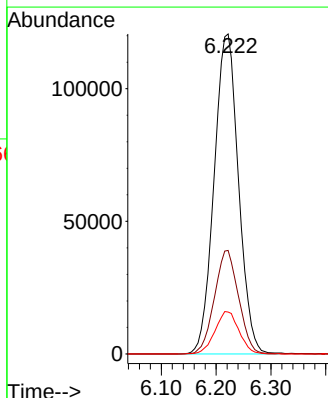
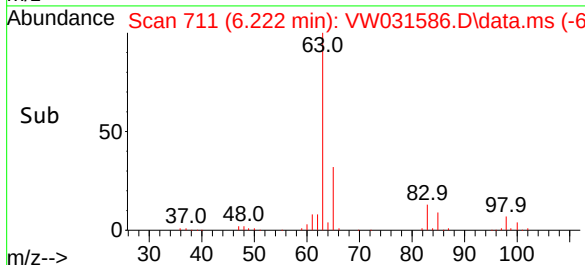
Tgt Ion: 73 Resp: 336048
Ion Ratio Lower Upper
73 100
43 20.7 16.4 24.6
57 22.4 18.2 27.2

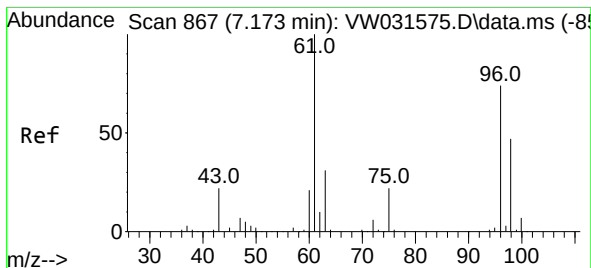


#19
1,1-Dichloroethane
Concen: 21.102 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.000 min
Lab File: VW031586.D
Acq: 27 Jan 2025 09:09



Tgt Ion: 63 Resp: 372745
Ion Ratio Lower Upper
63 100
65 32.4 22.0 41.0
83 13.1 9.0 16.6





#20

cis-1,2-Dichloroethene

Concen: 21.177 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW031586.D

Acq: 27 Jan 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

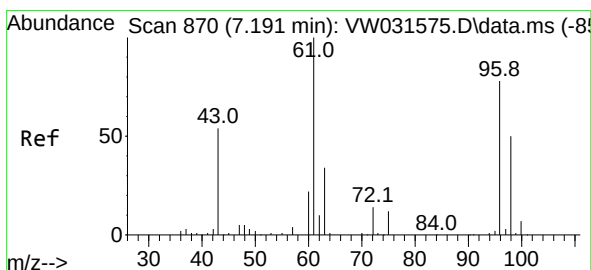
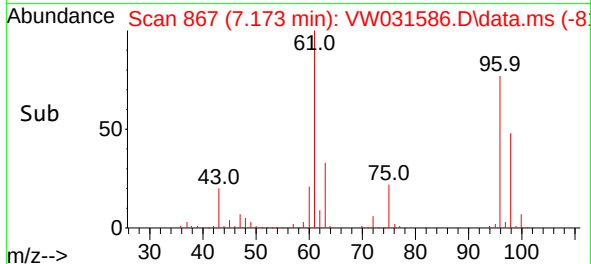
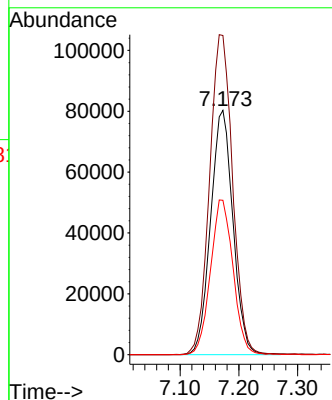
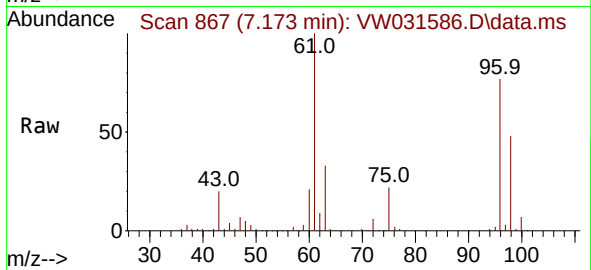
Tgt Ion: 96 Resp: 212293

Ion Ratio Lower Upper

96 100

61 130.6 94.8 176.2

98 63.2 45.6 84.8



#22

2-Butanone

Concen: 41.188 ug/L

RT: 7.185 min Scan# 869

Delta R.T. -0.006 min

Lab File: VW031586.D

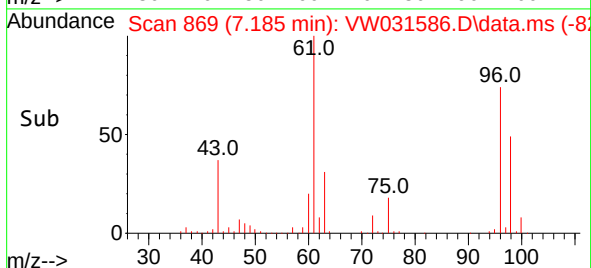
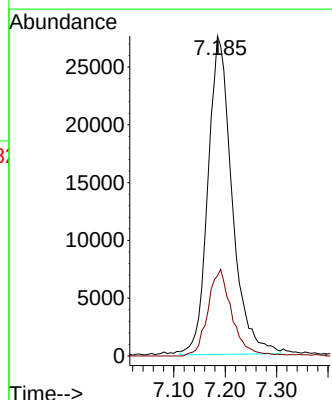
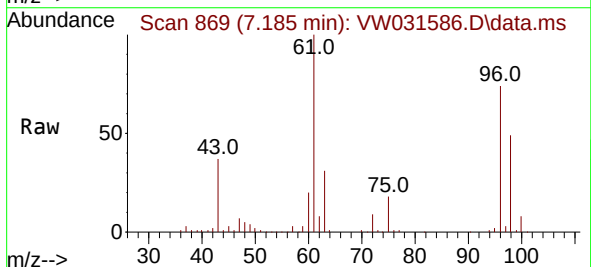
Acq: 27 Jan 2025 09:09

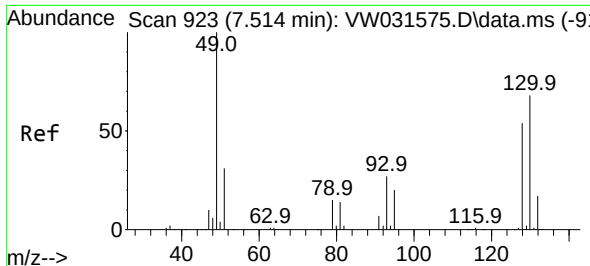
Tgt Ion: 43 Resp: 89713

Ion Ratio Lower Upper

43 100

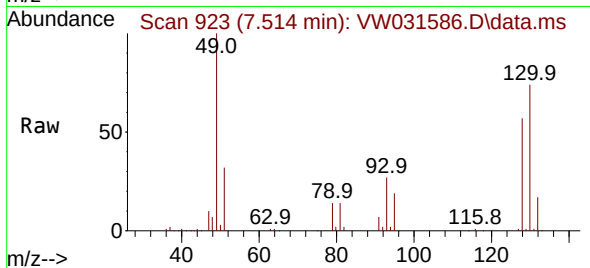
72 27.1 13.2 39.5



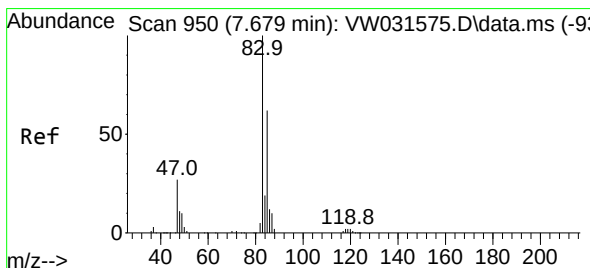
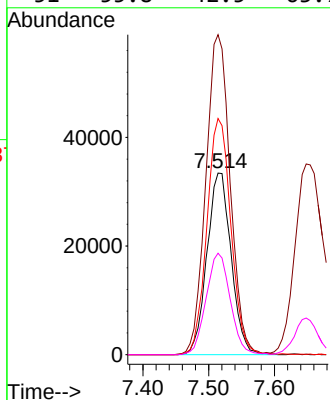
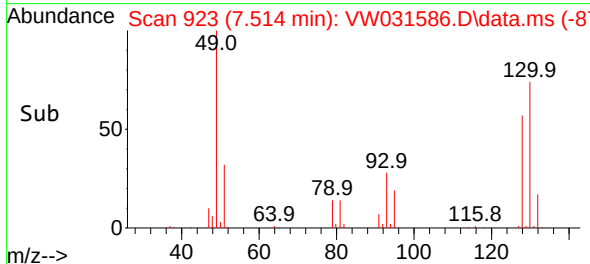


#23
Bromochloromethane
Concen: 21.787 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031586.D
Acq: 27 Jan 2025 09:09

Instrument :
MSVOA_W
ClientSampleId :

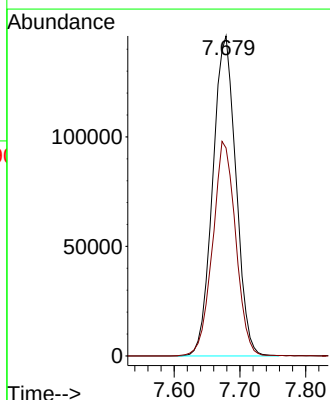
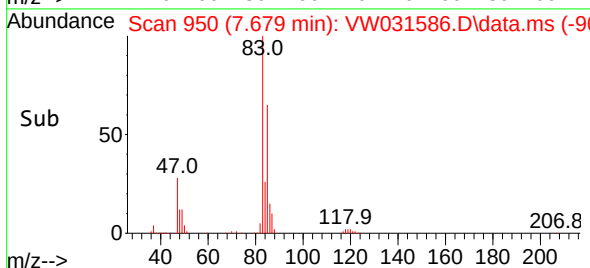
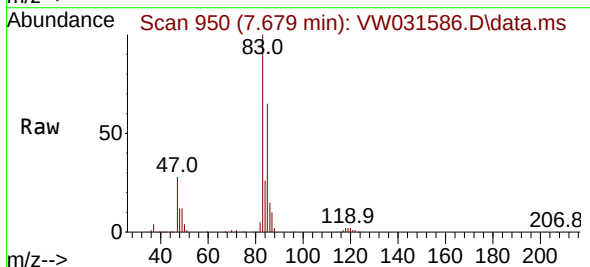


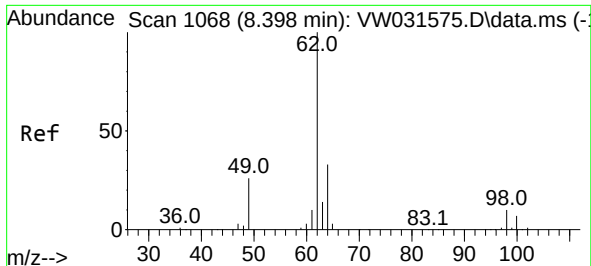
Tgt Ion:128 Resp: 85532
Ion Ratio Lower Upper
128 100
49 176.2 123.9 230.1
130 130.0 88.1 163.7
51 55.8 42.5 63.7



#25
Chloroform
Concen: 21.342 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW031586.D
Acq: 27 Jan 2025 09:09

Tgt Ion: 83 Resp: 358570
Ion Ratio Lower Upper
83 100
85 65.0 46.2 85.8





#27

1,2-Dichloroethane

Concen: 21.837 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031586.D

Acq: 27 Jan 2025 09:09

Instrument :

MSVOA_W

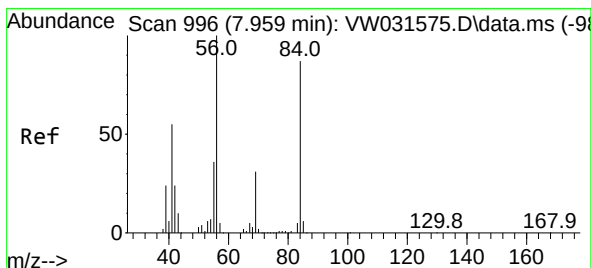
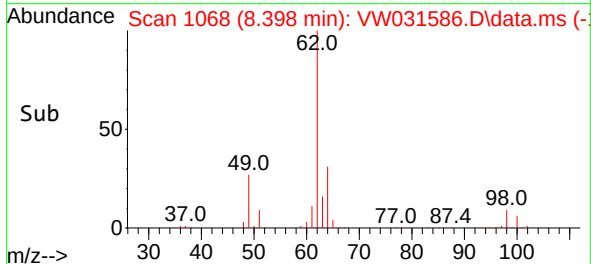
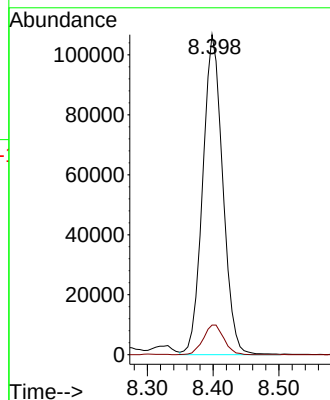
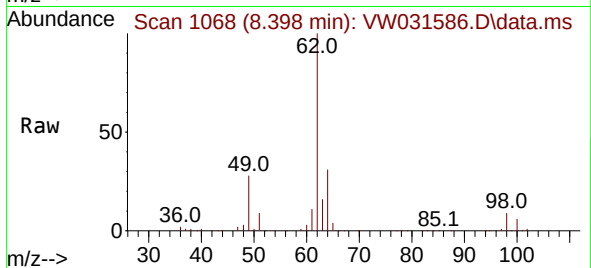
ClientSampleId :

Tgt Ion: 62 Resp: 225975

Ion Ratio Lower Upper

62 100

98 9.3 7.3 10.9



#29

Cyclohexane

Concen: 20.388 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW031586.D

Acq: 27 Jan 2025 09:09

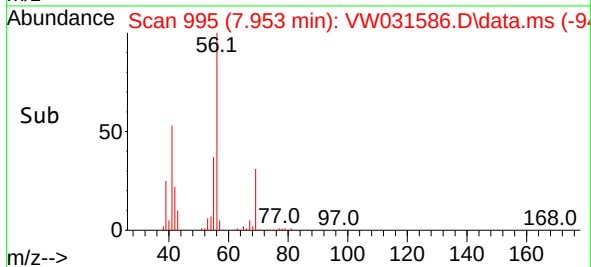
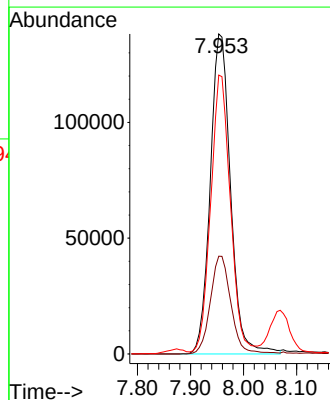
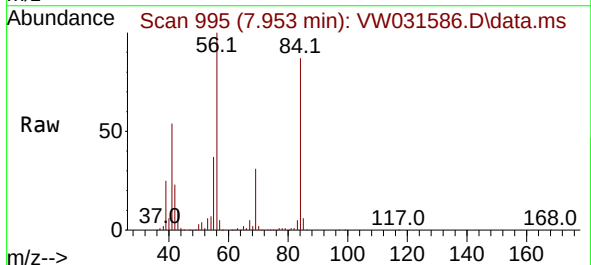
Tgt Ion: 56 Resp: 368350

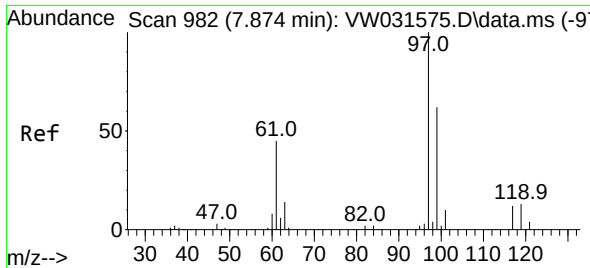
Ion Ratio Lower Upper

56 100

69 30.9 25.2 37.8

84 84.3 66.3 99.5

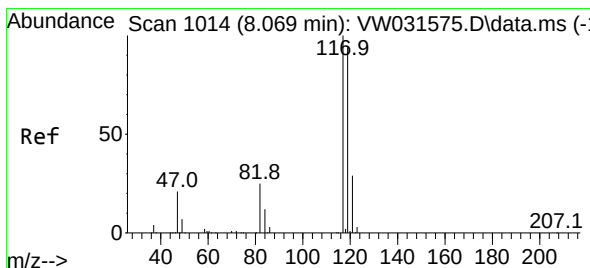
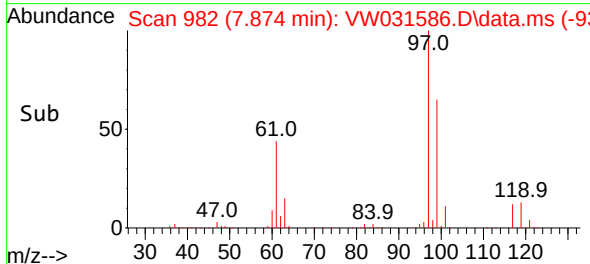
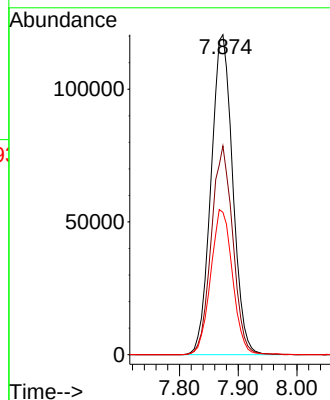
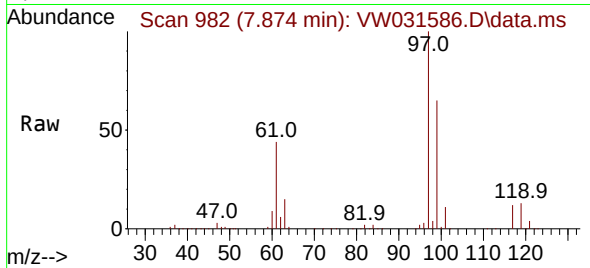




#30
1,1,1-Trichloroethane
Concen: 21.123 ug/L
RT: 7.874 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031586.D
Acq: 27 Jan 2025 09:09

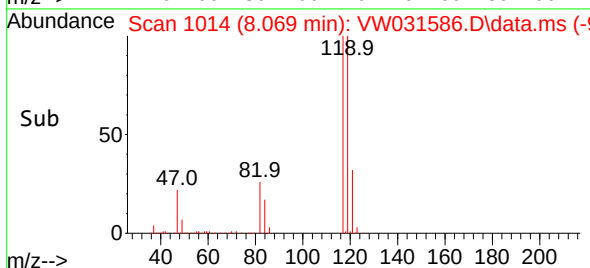
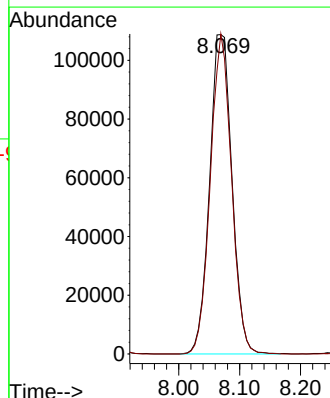
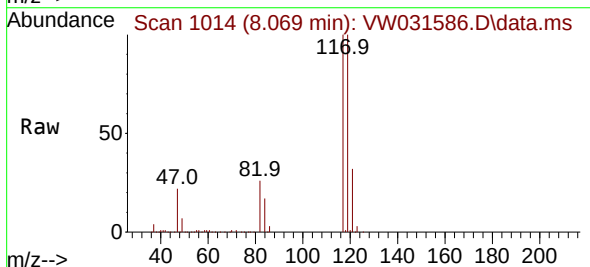
Instrument :
MSVOA_W
ClientSampleId :

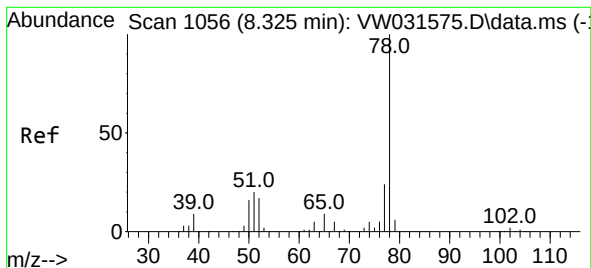
Tgt Ion: 97 Resp: 309098
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.4
61 45.7 36.9 55.3



#31
Carbon tetrachloride
Concen: 21.463 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031586.D
Acq: 27 Jan 2025 09:09

Tgt Ion: 117 Resp: 278464
Ion Ratio Lower Upper
117 100
119 94.3 77.4 116.0





#33

Benzene

Concen: 20.946 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VW031586.D

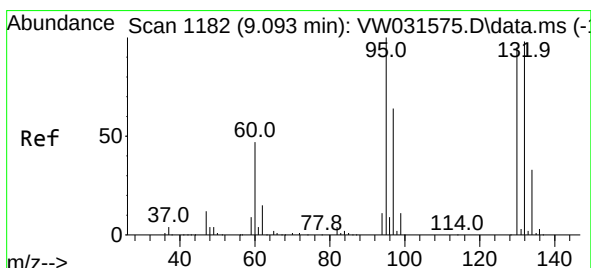
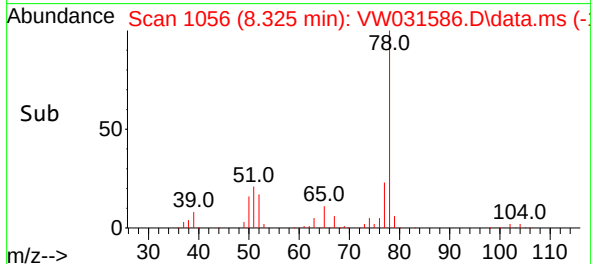
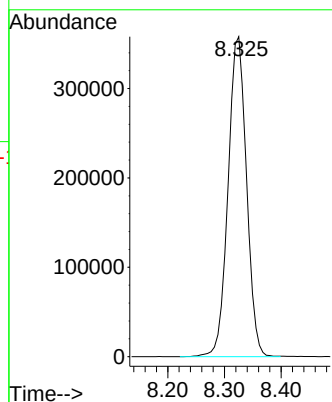
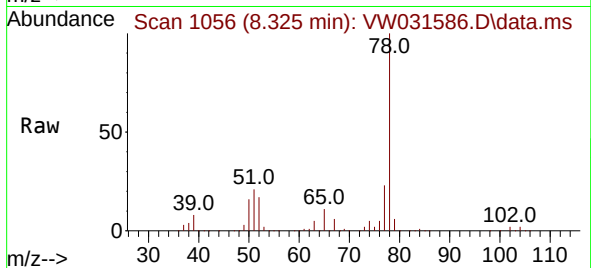
Acq: 27 Jan 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 808079



#34

Trichloroethene

Concen: 20.574 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW031586.D

Acq: 27 Jan 2025 09:09

Tgt Ion: 95 Resp: 213399

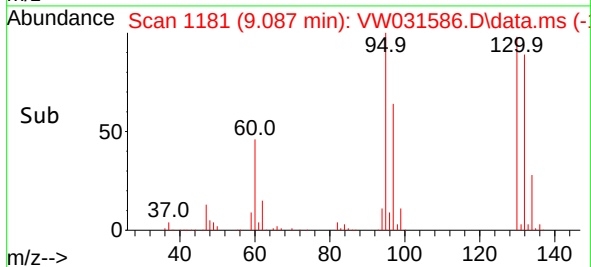
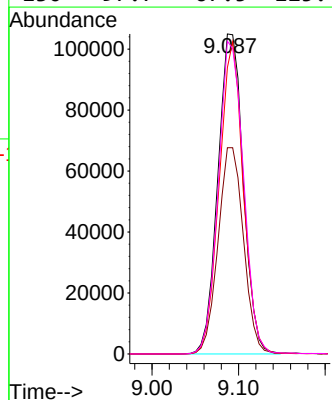
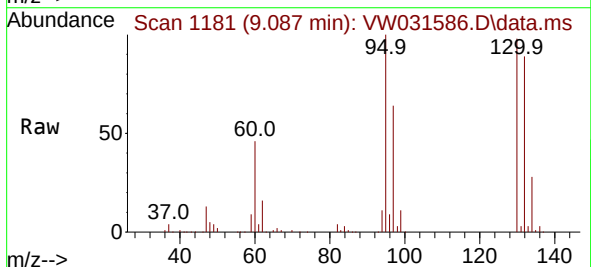
Ion Ratio Lower Upper

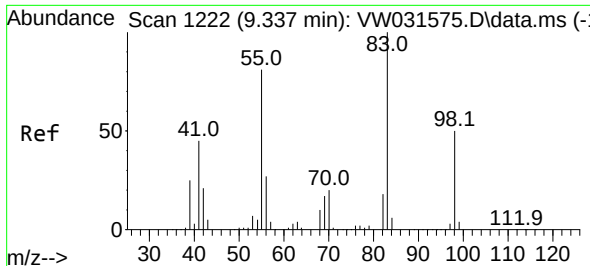
95 100

97 64.5 44.0 81.6

132 89.5 64.6 120.0

130 97.7 67.5 125.4





#35

Methylcyclohexane

Concen: 20.351 ug/L

RT: 9.331 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031586.D

Acq: 27 Jan 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

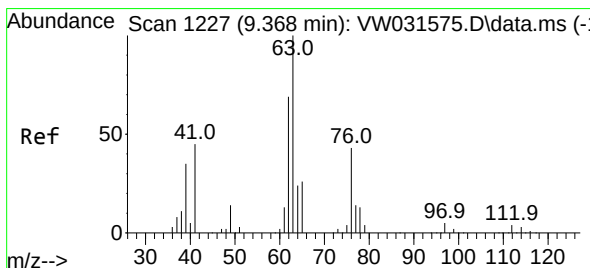
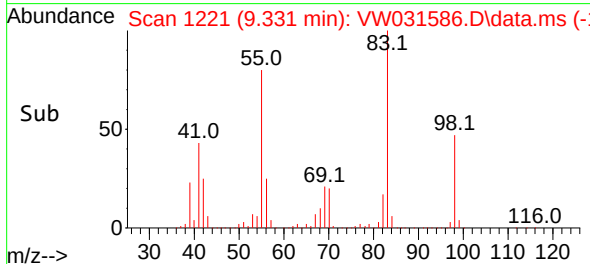
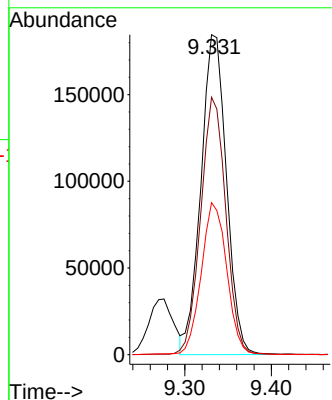
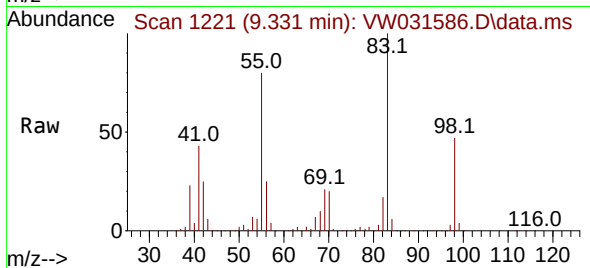
Tgt Ion: 83 Resp: 378446

Ion Ratio Lower Upper

83 100

55 78.9 63.4 95.2

98 47.8 38.8 58.2



#37

1,2-Dichloropropane

Concen: 21.065 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW031586.D

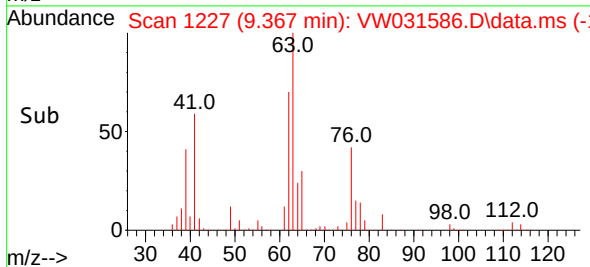
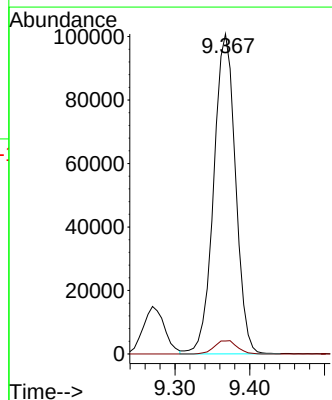
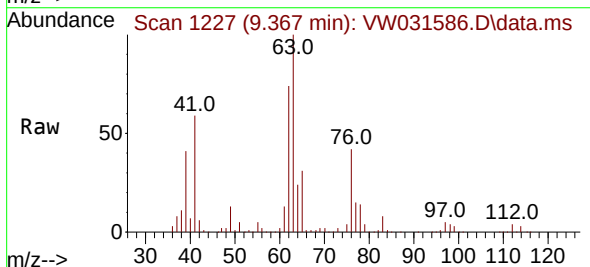
Acq: 27 Jan 2025 09:09

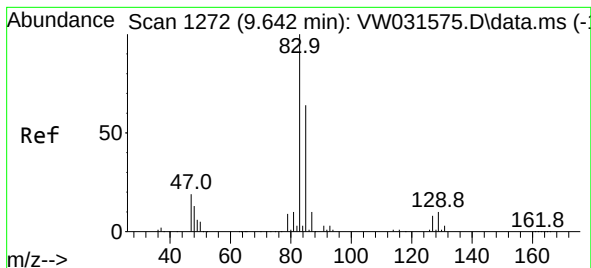
Tgt Ion: 63 Resp: 204265

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4





#38

Bromodichloromethane

Concen: 21.378 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031586.D

Acq: 27 Jan 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

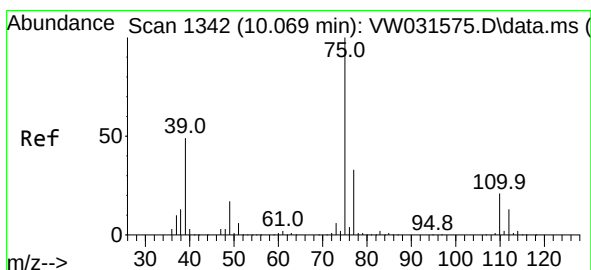
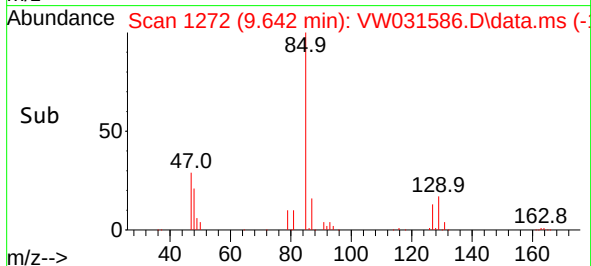
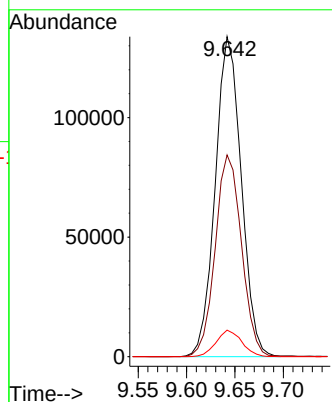
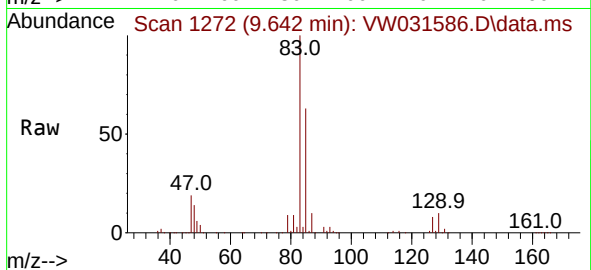
Tgt Ion: 83 Resp: 250749

Ion Ratio Lower Upper

83 100

85 63.1 43.8 81.3

127 8.3 6.2 9.4



#39

cis-1,3-Dichloropropene

Concen: 21.577 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW031586.D

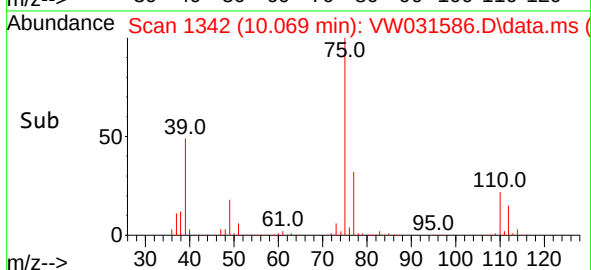
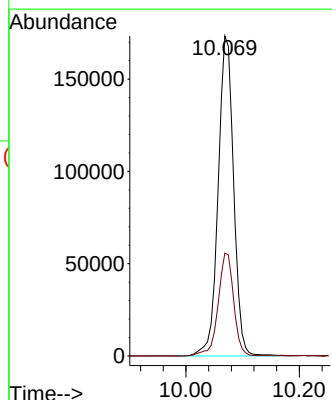
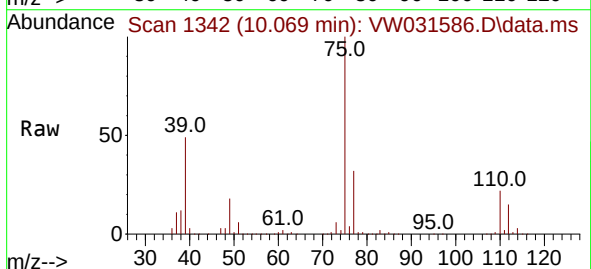
Acq: 27 Jan 2025 09:09

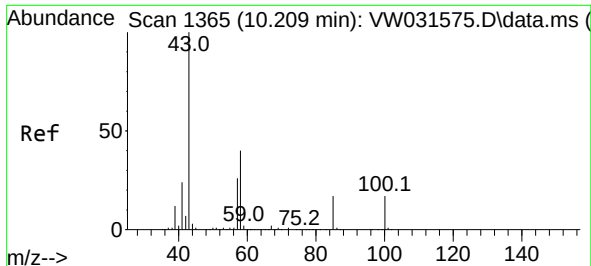
Tgt Ion: 75 Resp: 329133

Ion Ratio Lower Upper

75 100

77 32.2 21.6 40.2





#40

4-Methyl-2-pentanone

Concen: 42.164 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW031586.D

Acq: 27 Jan 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

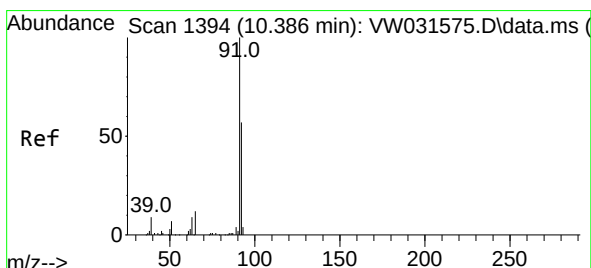
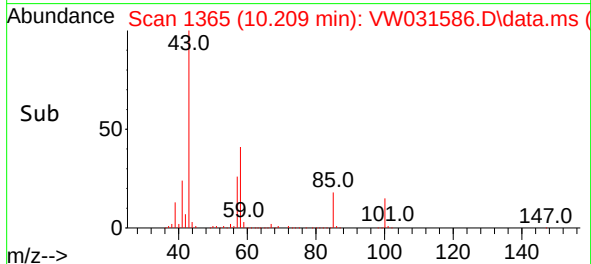
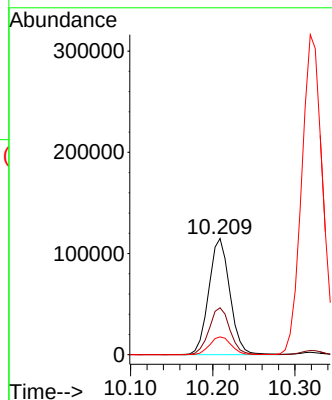
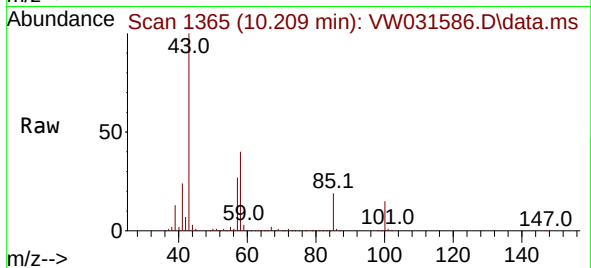
Tgt Ion: 43 Resp: 204075

Ion Ratio Lower Upper

43 100

58 40.3 31.4 47.2

100 15.7 12.3 18.5



#42

Toluene

Concen: 20.719 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031586.D

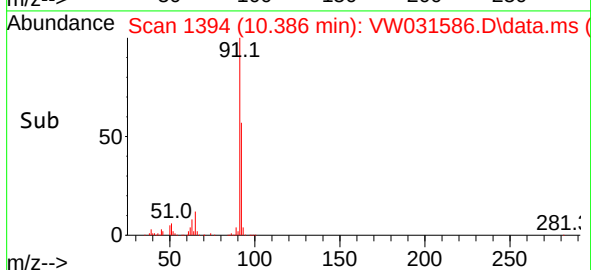
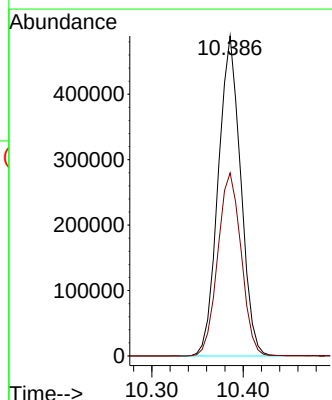
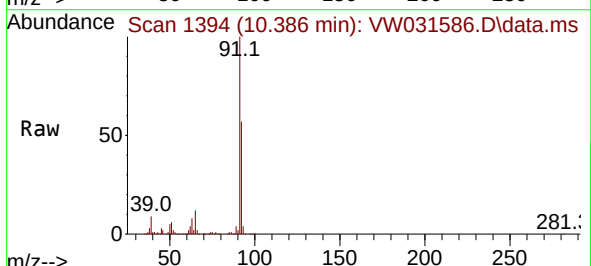
Acq: 27 Jan 2025 09:09

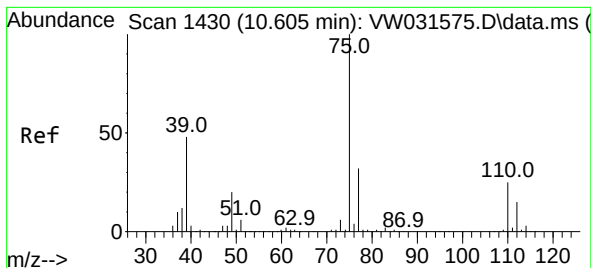
Tgt Ion: 91 Resp: 835589

Ion Ratio Lower Upper

91 100

92 57.2 40.6 75.4





#44

trans-1,3-Dichloropropene

Concen: 21.816 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031586.D

Acq: 27 Jan 2025 09:09

Instrument :

MSVOA_W

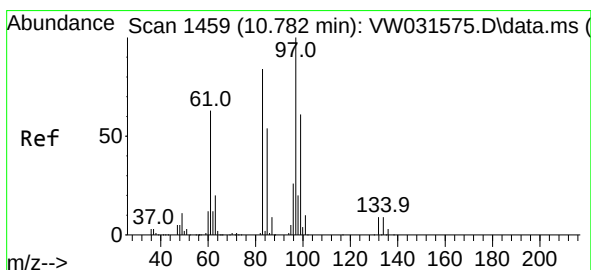
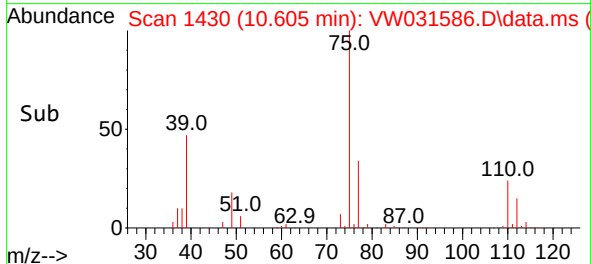
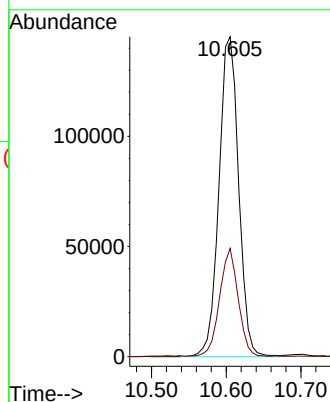
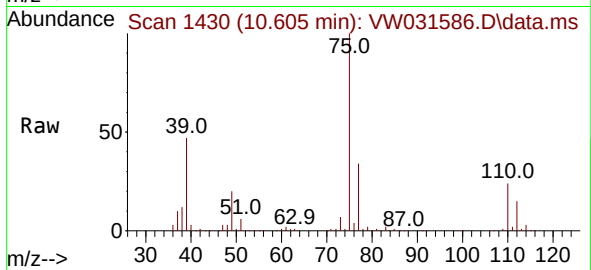
ClientSampleId :

Tgt Ion: 75 Resp: 265998

Ion Ratio Lower Upper

75 100

77 33.9 22.5 41.9



#45

1,1,2-Trichloroethane

Concen: 21.884 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW031586.D

Acq: 27 Jan 2025 09:09

Tgt Ion: 97 Resp: 136015

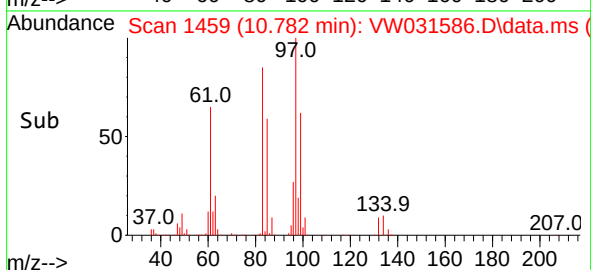
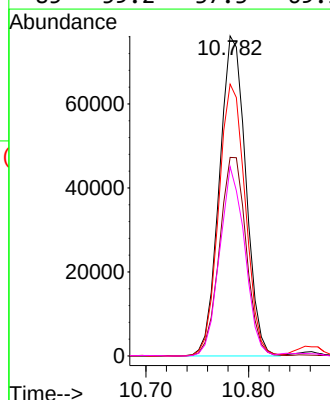
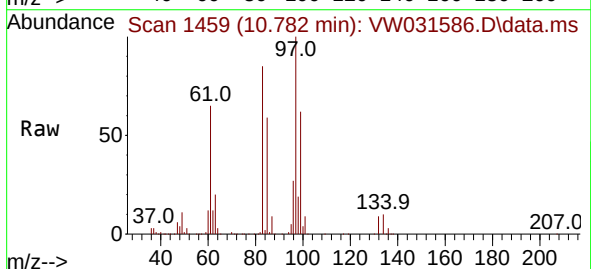
Ion Ratio Lower Upper

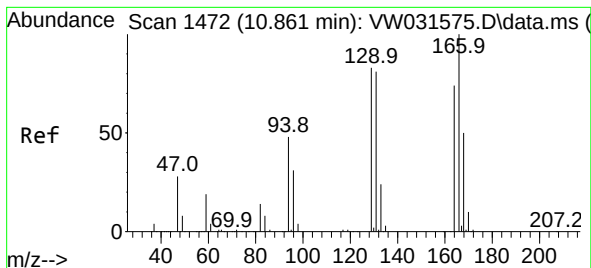
97 100

99 62.0 42.6 79.2

83 85.0 59.6 110.8

85 59.2 37.3 69.3





#46

Tetrachloroethene

Concen: 20.553 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

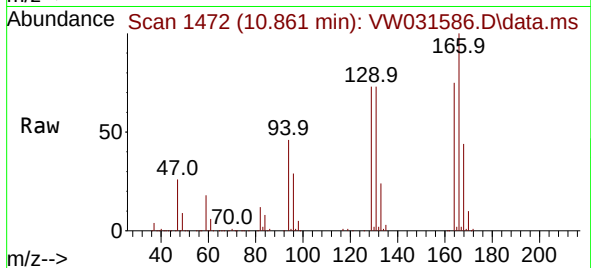
Lab File: VW031586.D

Acq: 27 Jan 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 152980

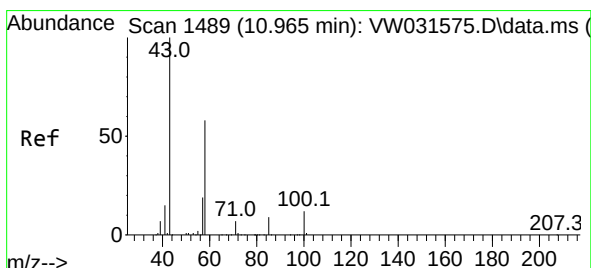
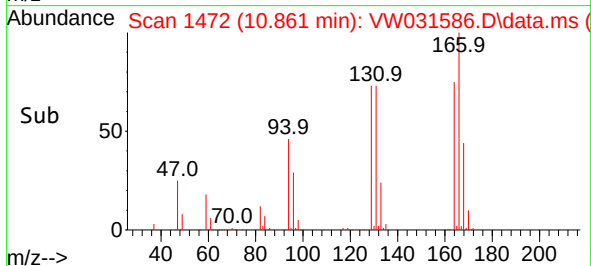
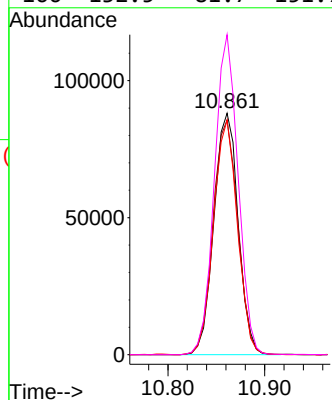
Ion Ratio Lower Upper

164 100

129 97.2 69.8 129.6

131 97.1 63.1 117.1

166 132.5 81.7 151.7



#48

2-Hexanone

Concen: 44.946 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW031586.D

Acq: 27 Jan 2025 09:09

Tgt Ion: 43 Resp: 132938

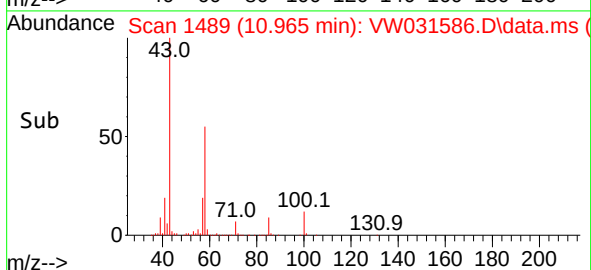
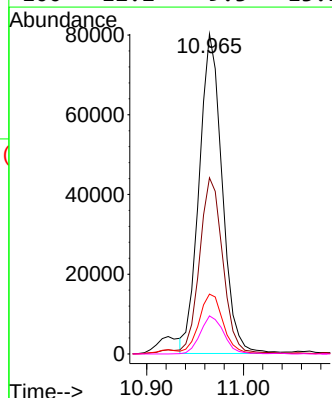
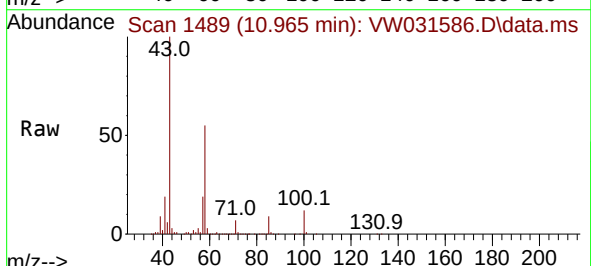
Ion Ratio Lower Upper

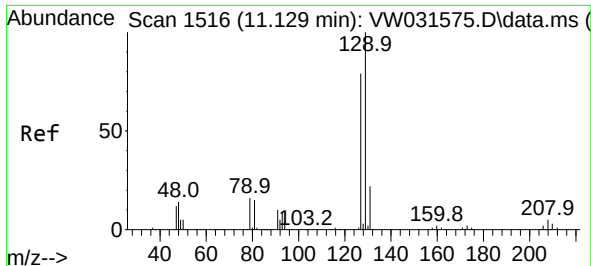
43 100

58 56.0 44.8 67.2

57 19.8 15.6 23.4

100 12.2 9.3 13.9





#49

Dibromochloromethane

Concen: 21.820 ug/L

RT: 11.123 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031586.D

Acq: 27 Jan 2025 09:09

Instrument :

MSVOA_W

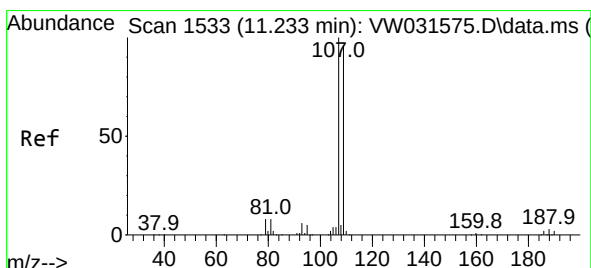
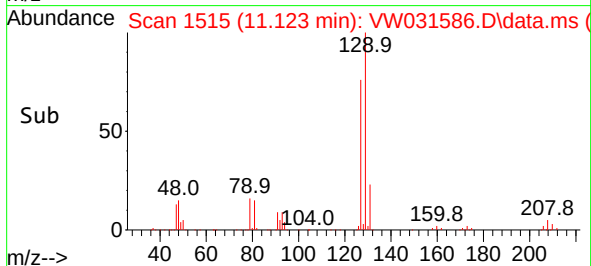
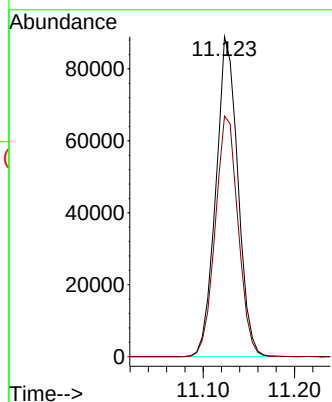
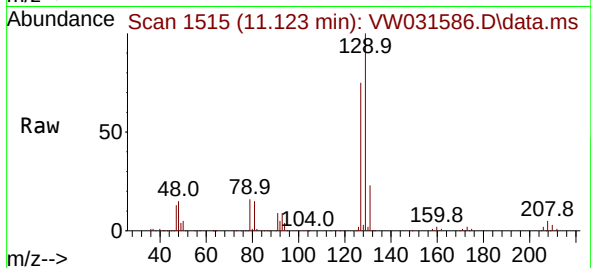
ClientSampleId :

Tgt Ion:129 Resp: 149217

Ion Ratio Lower Upper

129 100

127 75.2 53.0 98.4



#50

1,2-Dibromoethane

Concen: 21.958 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031586.D

Acq: 27 Jan 2025 09:09

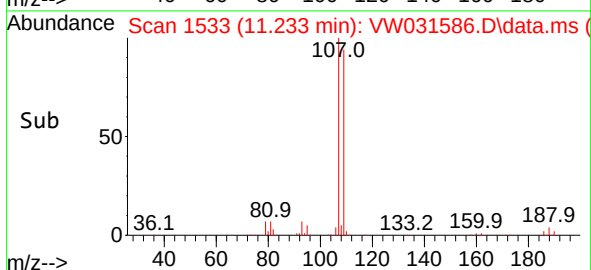
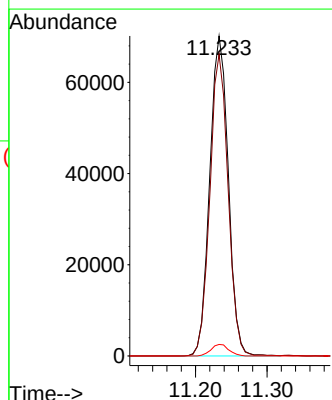
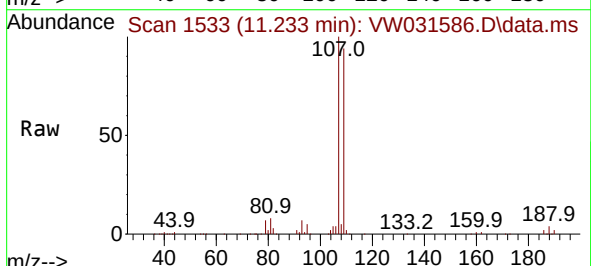
Tgt Ion:107 Resp: 126488

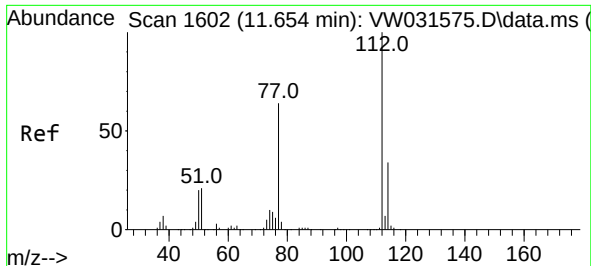
Ion Ratio Lower Upper

107 100

109 94.2 63.8 118.4

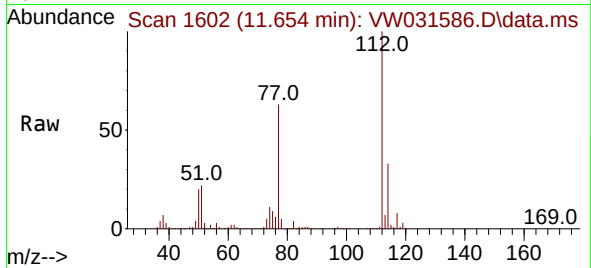
188 3.6 2.6 3.8



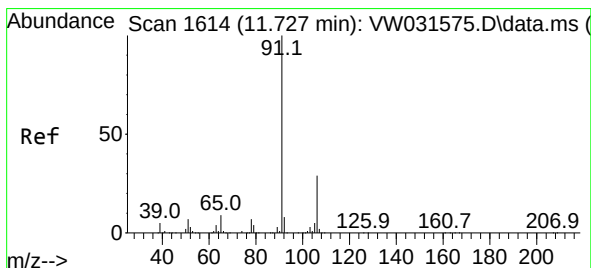
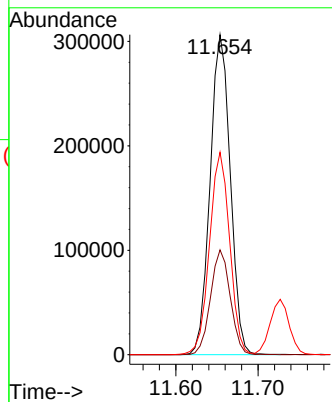
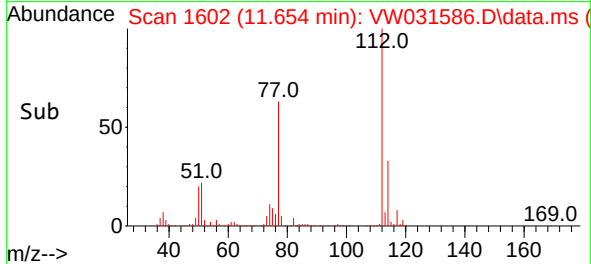


#51
Chlorobenzene
Concen: 20.983 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031586.D
Acq: 27 Jan 2025 09:09

Instrument :
MSVOA_W
ClientSampleId :

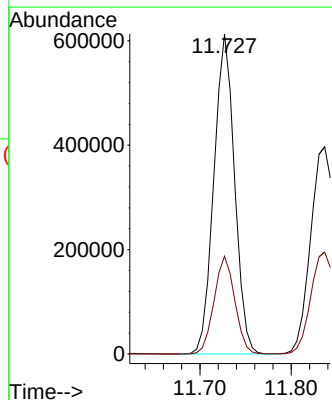
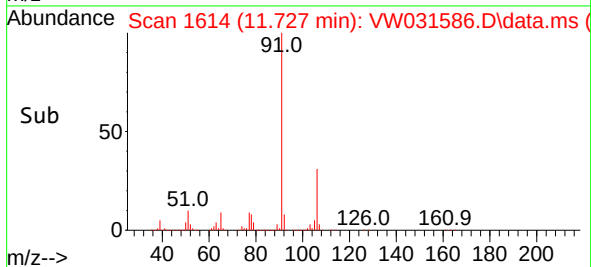
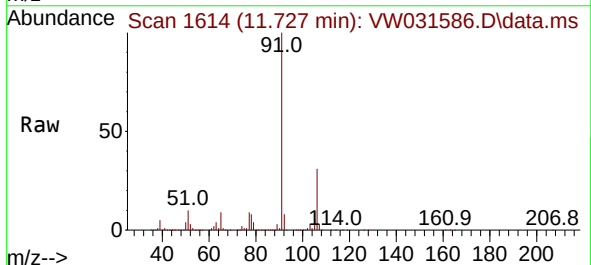


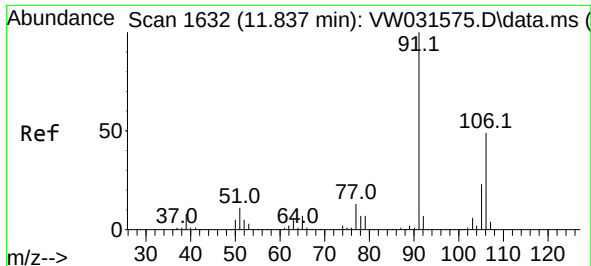
Tgt Ion:112 Resp: 522541
Ion Ratio Lower Upper
112 100
114 32.8 22.0 40.8
77 63.2 49.0 73.4



#52
Ethylbenzene
Concen: 20.828 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031586.D
Acq: 27 Jan 2025 09:09

Tgt Ion: 91 Resp: 963771
Ion Ratio Lower Upper
91 100
106 30.6 22.3 41.3

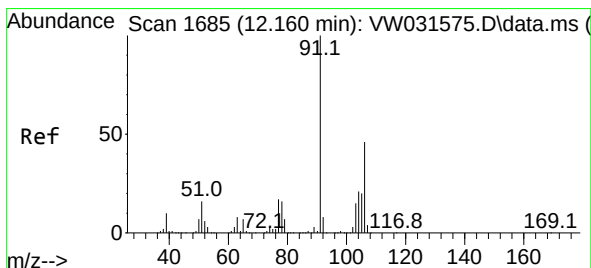
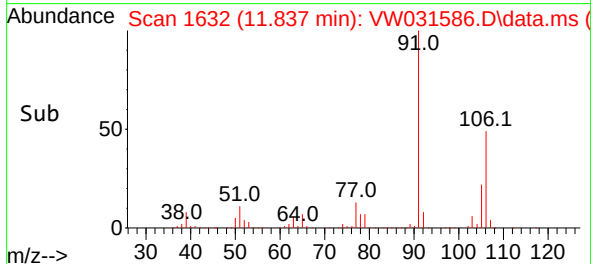
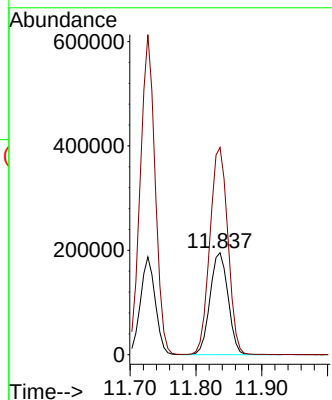
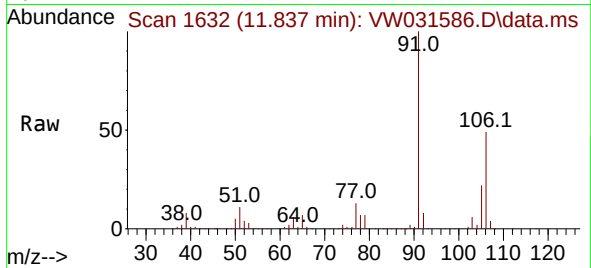




#53
m,p-Xylene
Concen: 21.095 ug/L
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031586.D
Acq: 27 Jan 2025 09:09

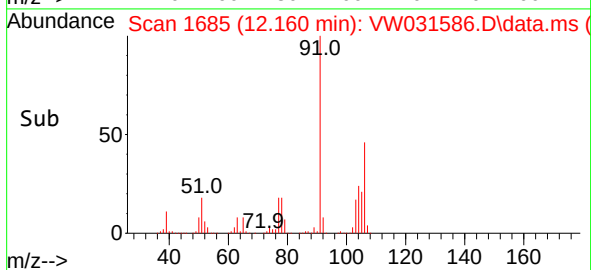
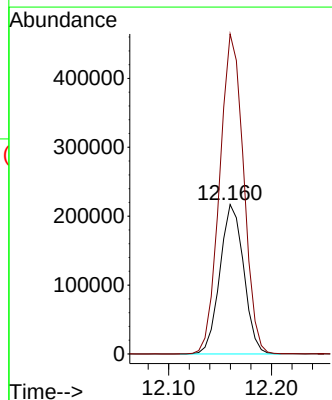
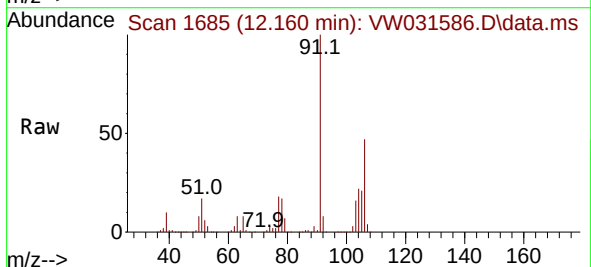
Instrument :
MSVOA_W
ClientSampleId :

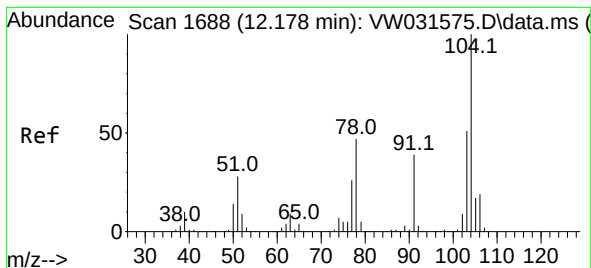
Tgt Ion:106 Resp: 372186
Ion Ratio Lower Upper
106 100
91 203.2 145.9 270.9



#54
o-Xylene
Concen: 21.278 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031586.D
Acq: 27 Jan 2025 09:09

Tgt Ion:106 Resp: 348893
Ion Ratio Lower Upper
106 100
91 214.2 152.9 284.1





#55

Styrene

Concen: 21.485 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031586.D

Acq: 27 Jan 2025 09:09

Instrument :

MSVOA_W

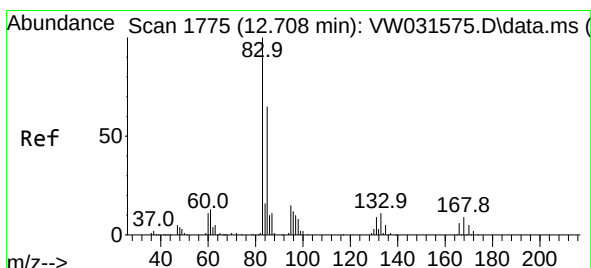
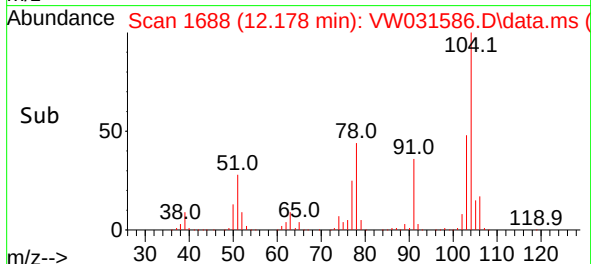
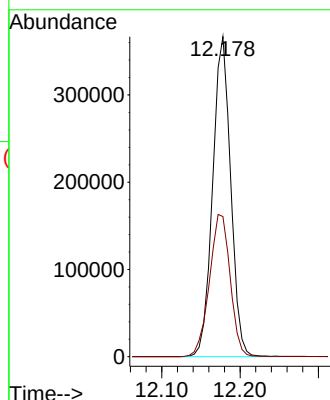
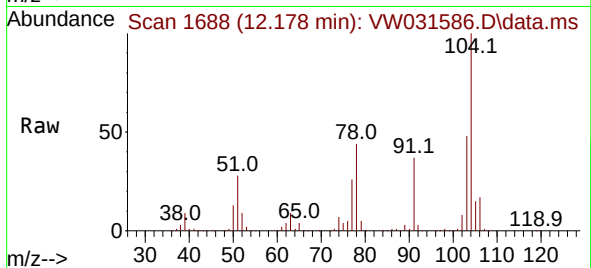
ClientSampleId :

Tgt Ion:104 Resp: 586177

Ion Ratio Lower Upper

104 100

78 43.8 32.0 59.4



#57

1,1,2,2-Tetrachloroethane

Concen: 22.175 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW031586.D

Acq: 27 Jan 2025 09:09

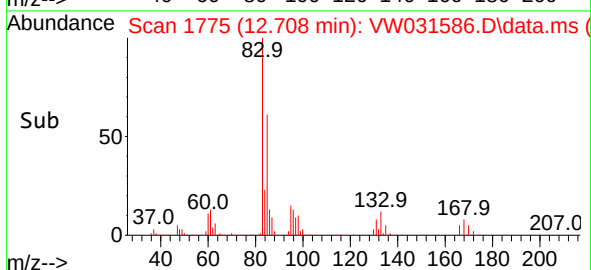
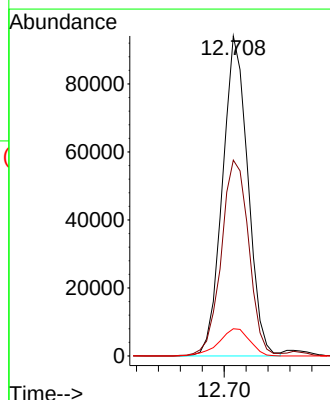
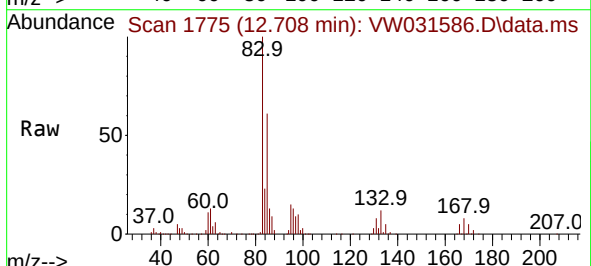
Tgt Ion: 83 Resp: 151447

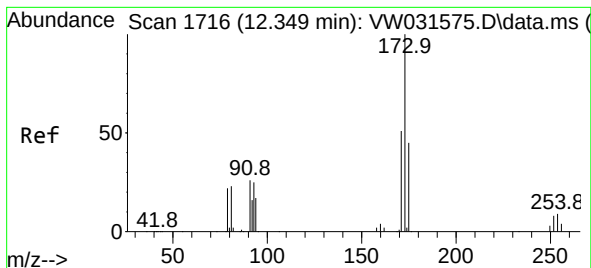
Ion Ratio Lower Upper

83 100

85 61.2 44.1 81.9

131 8.5 7.4 11.0





#59

Bromoform

Concen: 22.372 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW031586.D

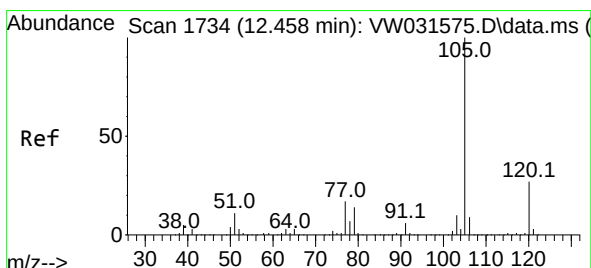
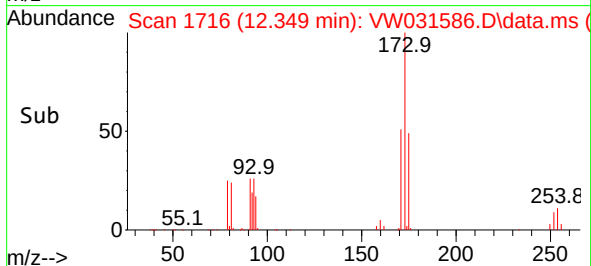
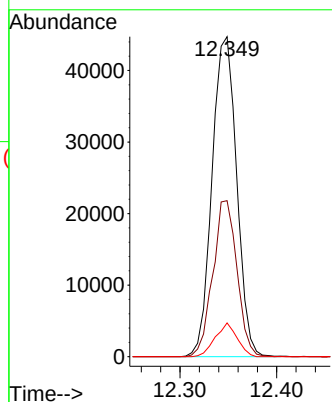
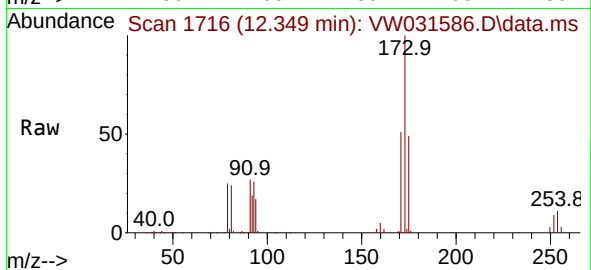
Acq: 27 Jan 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	79072
Ion Ratio	Lower	Upper
173	100	
175	47.8	37.7 56.5
254	9.4	7.1 10.7



#60

Isopropylbenzene

Concen: 21.003 ug/L

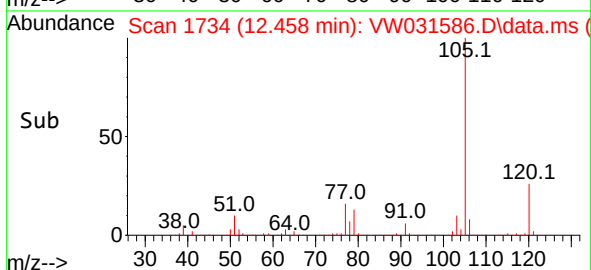
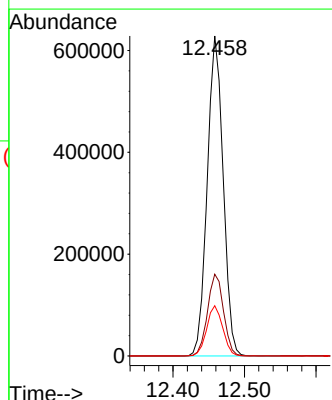
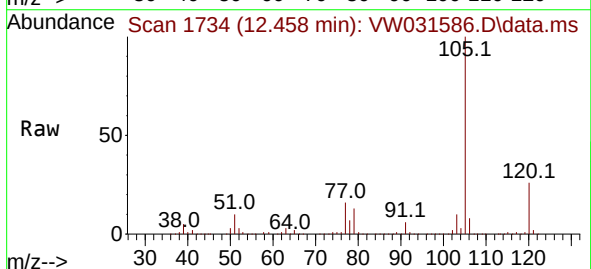
RT: 12.458 min Scan# 1734

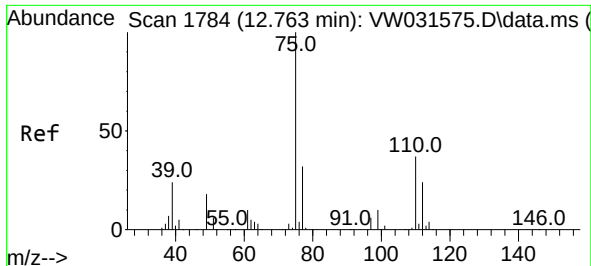
Delta R.T. 0.000 min

Lab File: VW031586.D

Acq: 27 Jan 2025 09:09

Tgt Ion:105	Resp:	973245
Ion Ratio	Lower	Upper
105	100	
120	25.7	20.1 30.1
77	15.8	12.7 19.1

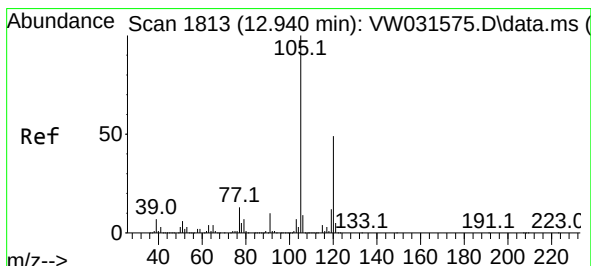
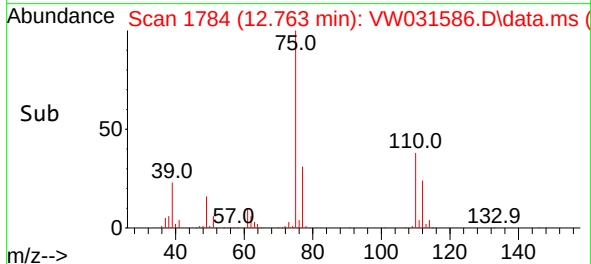
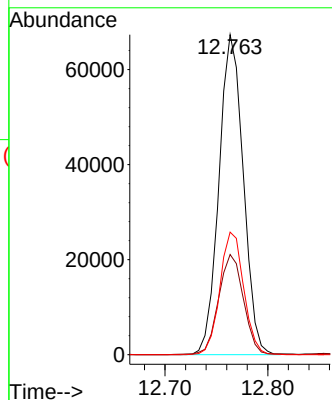
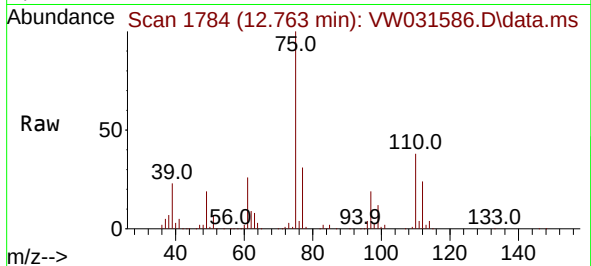




#61
1,2,3-Trichloropropane
Concen: 22.199 ug/L
RT: 12.763 min Scan# 110577
Delta R.T. 0.000 min
Lab File: VW031586.D
Acq: 27 Jan 2025 09:09

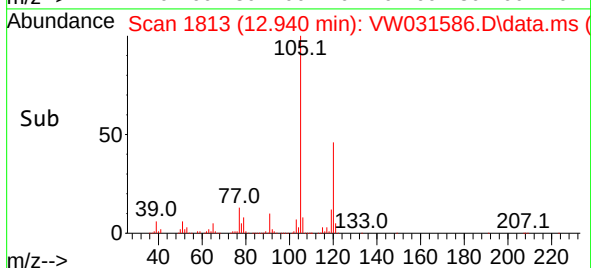
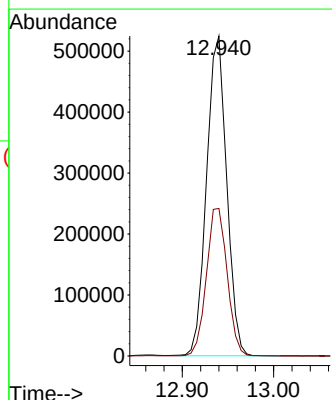
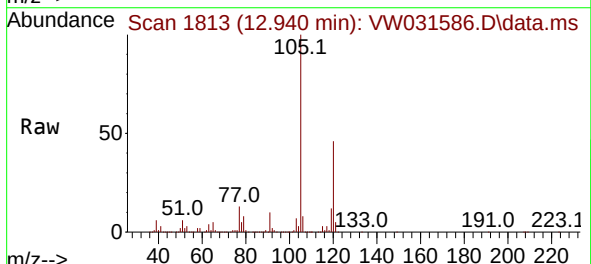
Instrument :
MSVOA_W
ClientSampleId :

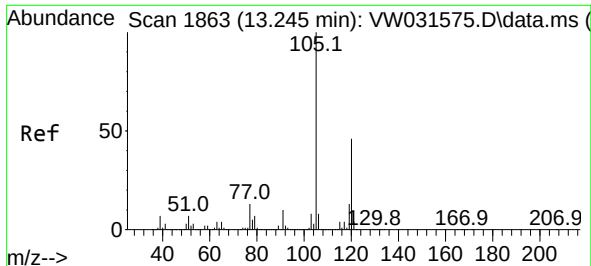
Tgt Ion: 75 Resp: 110577
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
110 37.5 29.6 44.4



#62
1,3,5-Trimethylbenzene
Concen: 20.973 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031586.D
Acq: 27 Jan 2025 09:09

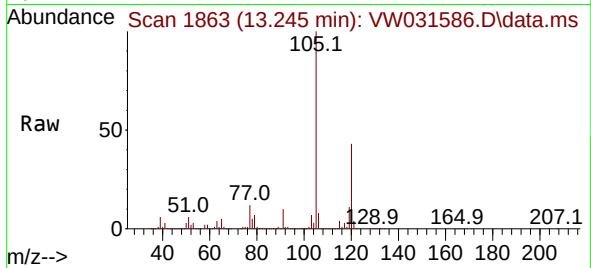
Tgt Ion: 105 Resp: 800231
Ion Ratio Lower Upper
105 100
120 47.8 37.6 56.4



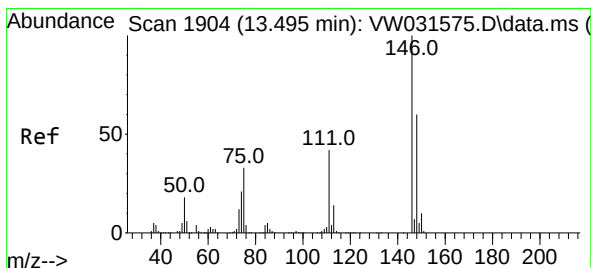
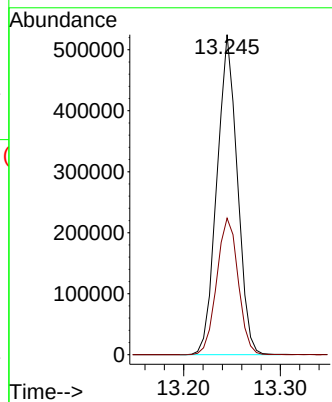
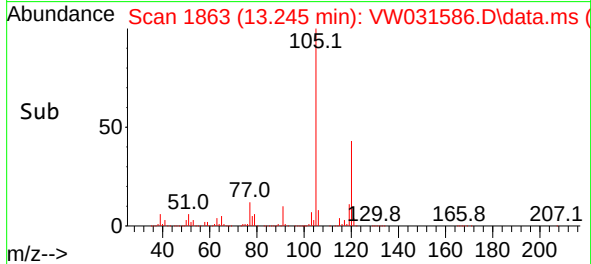


#63
1,2,4-Trimethylbenzene
Concen: 20.699 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031586.D
Acq: 27 Jan 2025 09:09

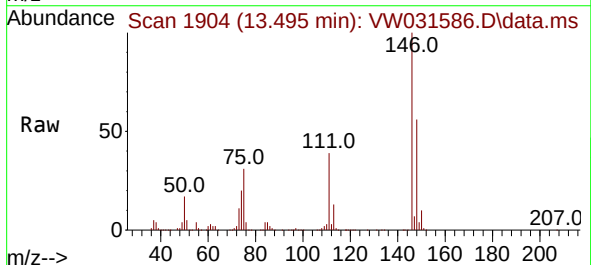
Instrument :
MSVOA_W
ClientSampleId :



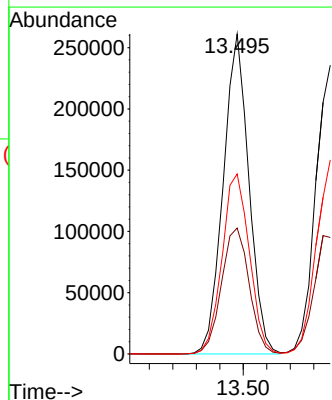
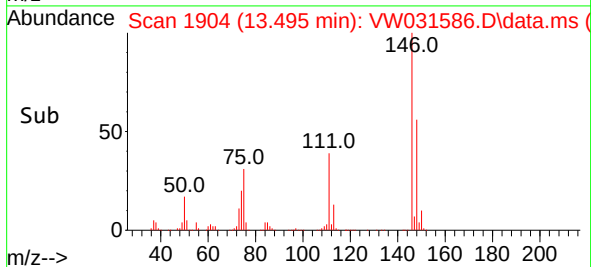
Tgt Ion:105 Resp: 768674
Ion Ratio Lower Upper
105 100
120 44.7 36.3 54.5

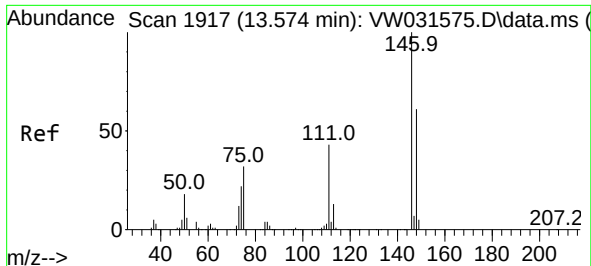


#64
1,3-Dichlorobenzene
Concen: 21.527 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031586.D
Acq: 27 Jan 2025 09:09



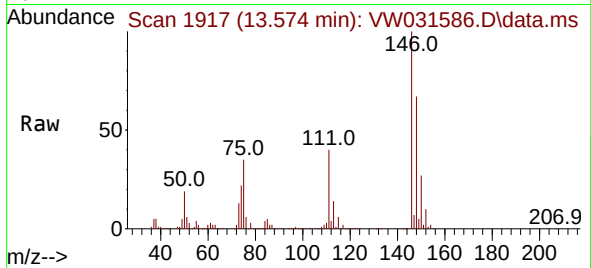
Tgt Ion:146 Resp: 395638
Ion Ratio Lower Upper
146 100
111 39.4 30.4 56.5
148 56.3 42.1 78.1



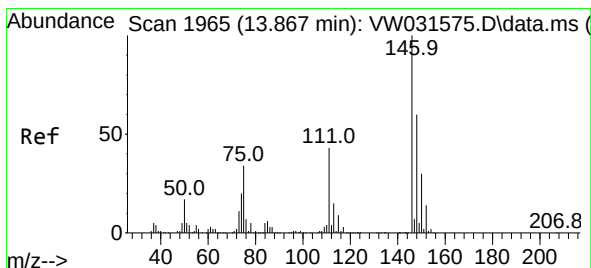
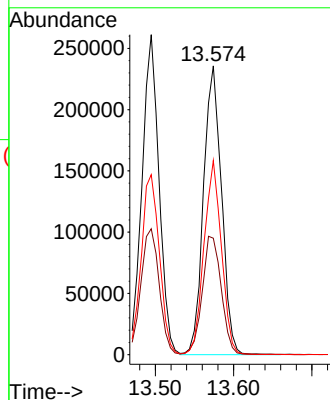
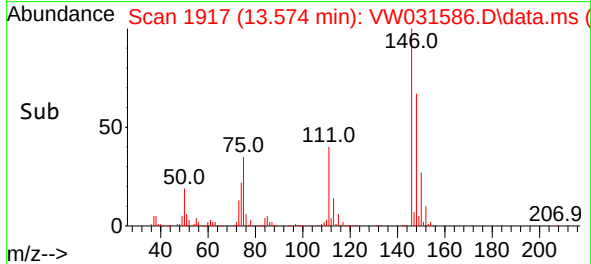


#65
1,4-Dichlorobenzene
Concen: 20.708 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031586.D
Acq: 27 Jan 2025 09:09

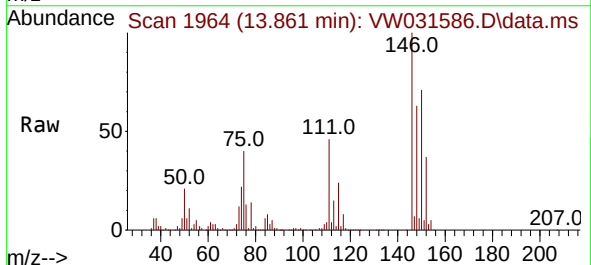
Instrument :
MSVOA_W
ClientSampleId :



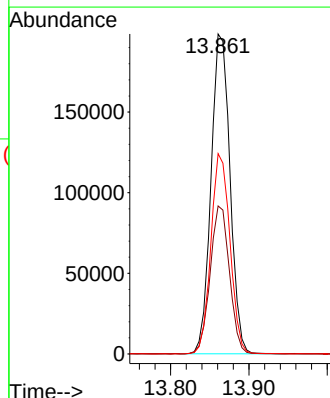
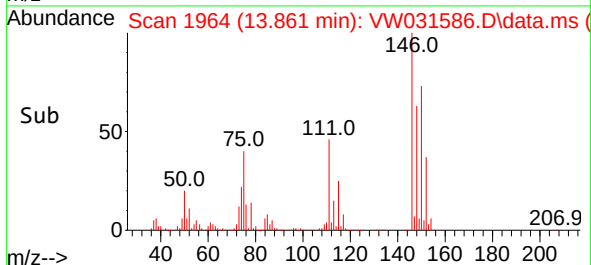
Tgt Ion:146 Resp: 376409
Ion Ratio Lower Upper
146 100
111 40.3 28.5 52.9
148 67.2 45.4 84.4

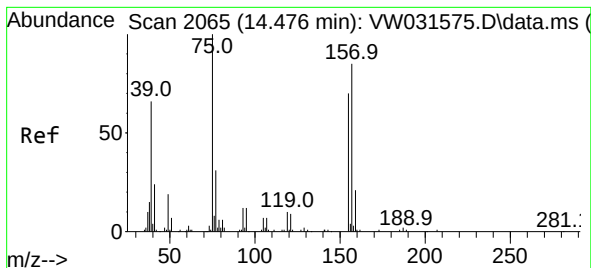


#67
1,2-Dichlorobenzene
Concen: 21.268 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. -0.006 min
Lab File: VW031586.D
Acq: 27 Jan 2025 09:09



Tgt Ion:146 Resp: 333794
Ion Ratio Lower Upper
146 100
111 46.2 36.6 55.0
148 62.6 51.0 76.4

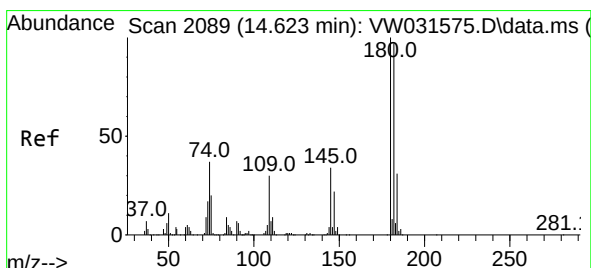
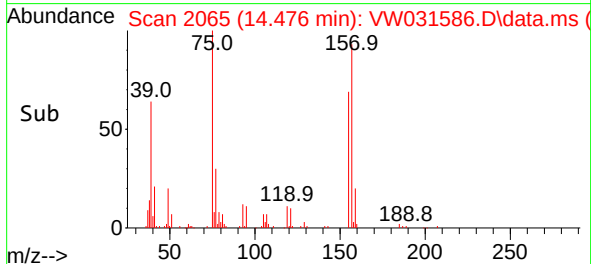
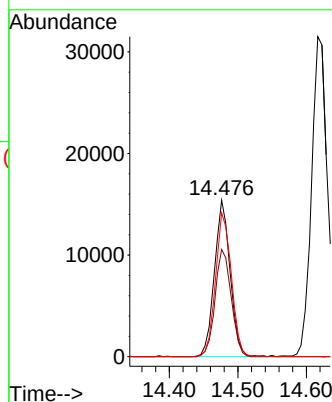
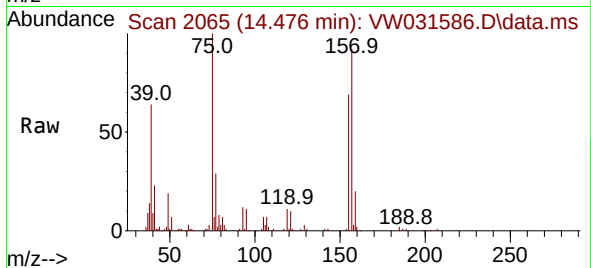




#68
 1,2-Dibromo-3-chloropropane
 Concen: 22.024 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VW031586.D
 Acq: 27 Jan 2025 09:09

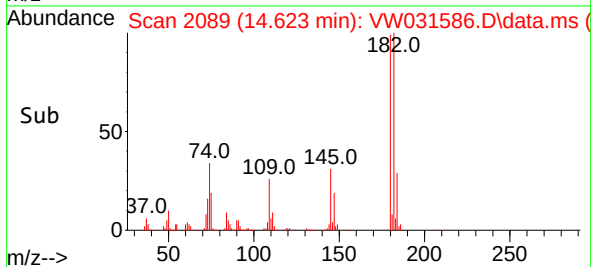
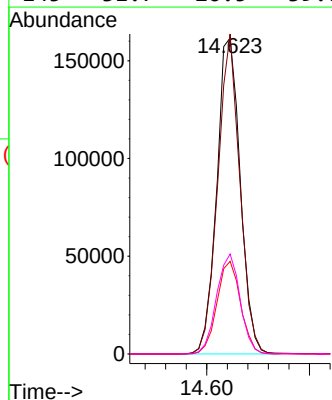
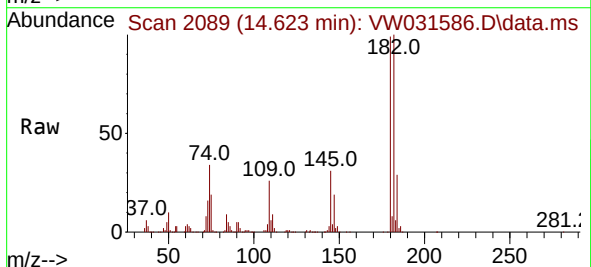
Instrument :
 MSVOA_W
 ClientSampleId :

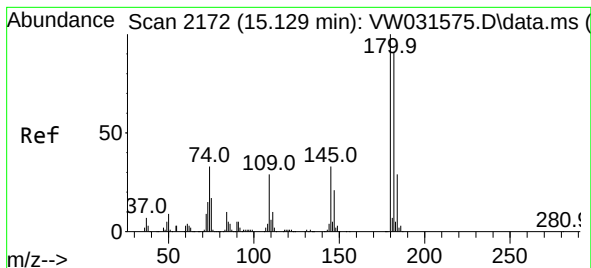
Tgt Ion: 75 Resp: 24527
 Ion Ratio Lower Upper
 75 100
 155 68.5 51.0 76.4
 157 92.0 70.2 105.2



#69
 1,3,5-Trichlorobenzene
 Concen: 20.555 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW031586.D
 Acq: 27 Jan 2025 09:09

Tgt Ion: 180 Resp: 256003
 Ion Ratio Lower Upper
 180 100
 182 95.1 74.2 111.4
 184 29.5 23.0 34.4
 145 31.7 26.5 39.7





#70

1,2,4-trichlorobenzene

Concen: 21.251 ug/L

RT: 15.123 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW031586.D

Acq: 27 Jan 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

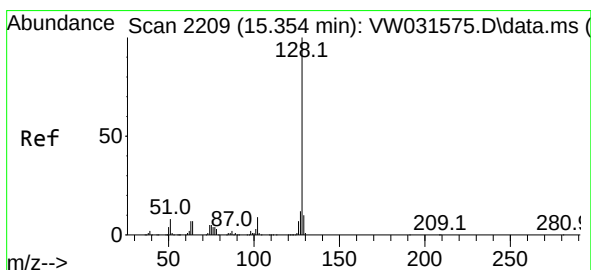
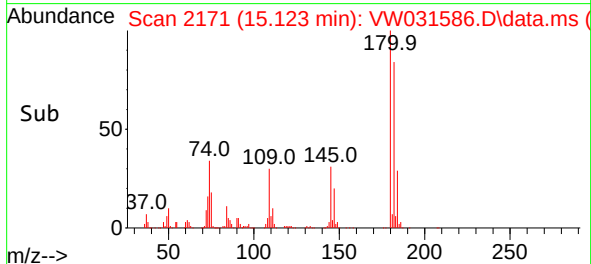
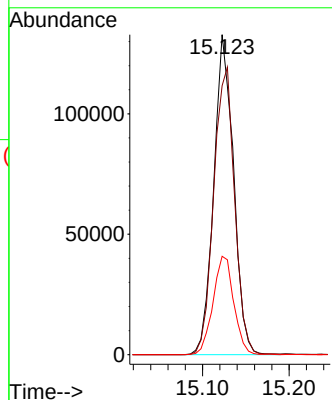
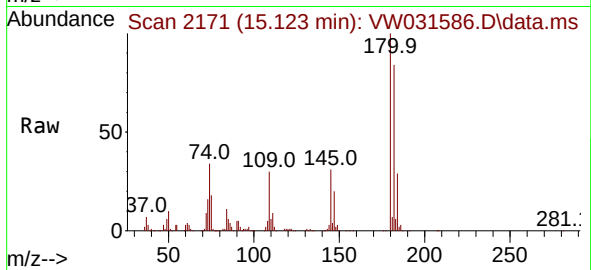
Tgt Ion:180 Resp: 210807

Ion Ratio Lower Upper

180 100

182 95.0 77.7 116.5

145 32.2 26.6 39.8



#71

Naphthalene

Concen: 22.238 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VW031586.D

Acq: 27 Jan 2025 09:09

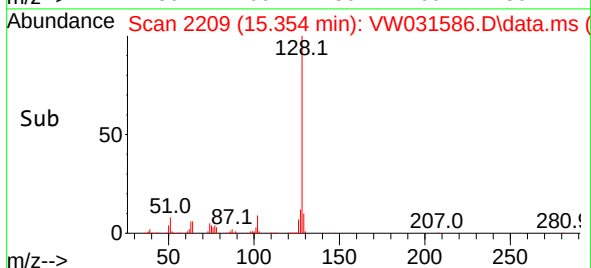
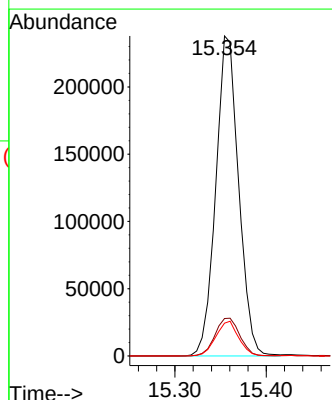
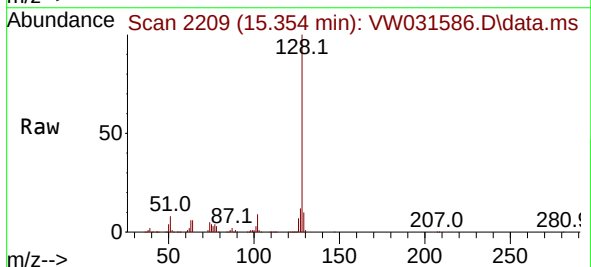
Tgt Ion:128 Resp: 413647

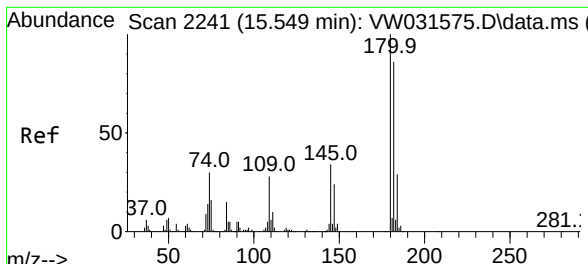
Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

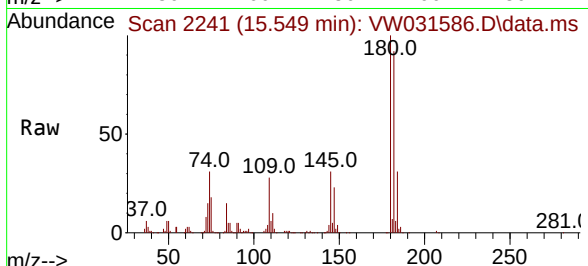
129 10.8 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 21.328 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW031586.D
 Acq: 27 Jan 2025 09:09

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	178199
Ion Ratio	Lower	Upper	
180	100		
182	93.1	76.9	115.3
145	33.9	30.1	45.1

