

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
 Data File : VW031669.D
 Acq On : 30 Jan 2025 20:11
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 31 07:38:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jan 31 07:33:50 2025
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		8.837	114	193975	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.623	117	132362	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.556	152	55609	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.369	65	98511	32.364	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 129.440%		
7) Chloroethane-d5		2.899	69	61878	28.466	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 113.880%		
11) 1,1-Dichloroethene-d2		4.015	65	46812	34.566	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 138.280%#		
21) 2-Butanone-d5		7.088	46	49077	100.301	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 200.600%#		
24) Chloroform-d		7.648	84	107571	21.428	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 85.720%		
26) 1,2-Dichloroethane-d4		8.301	65	41984	16.992	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 67.960%#		
32) Benzene-d6		8.270	84	242646	29.184	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 116.720%		
36) 1,2-Dichloropropane-d6		9.270	67	57093	23.258	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 93.040%		
41) Toluene-d8		10.319	98	221581	29.523	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 118.080%		
43) trans-1,3-Dichloroprop...		10.575	79	16934	16.798	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 67.200%		
47) 2-Hexanone-d5		10.922	63	22688	90.566	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 181.140%#		
56) 1,1,2,2-Tetrachloroeth...		12.684	84	40809	27.184	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 108.720%		
66) 1,2-Dichlorobenzene-d4		13.849	152	46678	23.932	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 95.720%		
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		2.009	85	107472	42.598	ug/L	94
3) Chloromethane		2.216	50	63105	24.132	ug/L	96
5) Vinyl chloride		2.375	62	122062	36.595	ug/L	99
6) Bromomethane		2.790	94	43464	22.295	ug/L	96
8) Chloroethane		2.930	64	54138	27.612	ug/L	94
9) Trichlorofluoromethane		3.265	101	109066	32.914	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...		4.064	101	117766	46.415	ug/L	96
12) 1,1-Dichloroethene		4.039	96	95463	36.985	ug/L	92
14) Carbon disulfide		4.393	76	267510	30.768	ug/L	99
15) Methyl Acetate		4.686	43	30337	30.751	ug/L #	75
16) Methylene chloride		4.929	84	44841	16.974	ug/L	89
17) trans-1,2-Dichloroethene		5.429	96	78185	28.202	ug/L	94
18) Methyl tert-butyl Ether		5.429	73	61718	13.883	ug/L #	92
19) 1,1-Dichloroethane		6.216	63	120677	23.137	ug/L	99
20) cis-1,2-Dichloroethene		7.167	96	59347	20.050	ug/L	98
22) 2-Butanone		7.179	43	49576	77.083	ug/L	99
23) Bromochloromethane		7.514	128	18822	16.237	ug/L	92
25) Chloroform		7.673	83	99709	20.098	ug/L	94
27) 1,2-Dichloroethane		8.398	62	48020	15.715	ug/L	99

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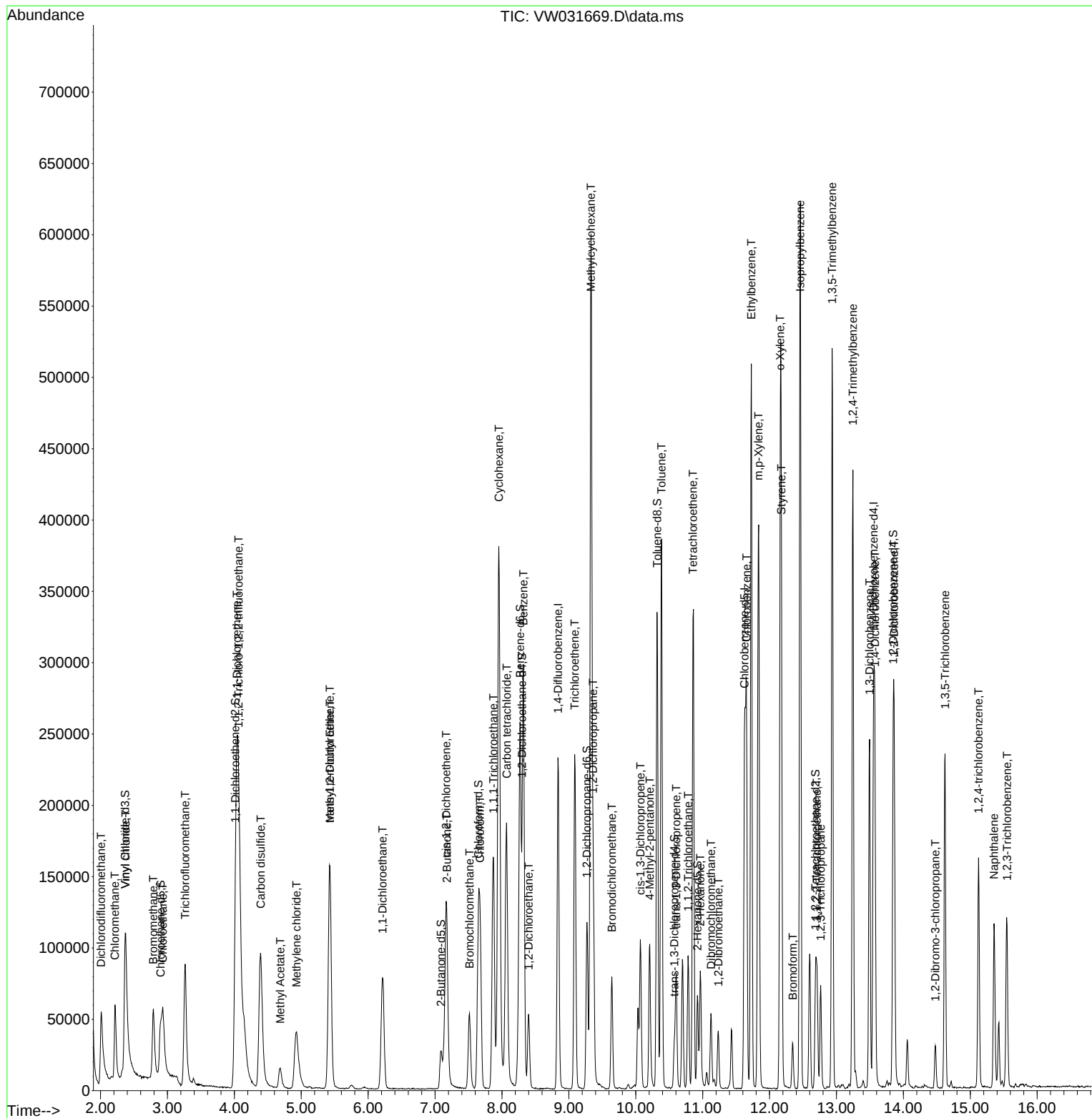
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	230077	54.233	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	136269	39.659	ug/L	99
31) Carbon tetrachloride	8.069	117	141686	46.509	ug/L	100
33) Benzene	8.319	78	265755	29.336	ug/L	100
34) Trichloroethene	9.087	95	86869	35.667	ug/L	92
35) Methylcyclohexane	9.331	83	242550	55.547	ug/L	97
37) 1,2-Dichloropropane	9.362	63	51508	22.622	ug/L	99
38) Bromodichloromethane	9.642	83	52282	18.983	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	62827	17.541	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	68838	60.571	ug/L	99
42) Toluene	10.386	91	286153	30.218	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	46231	16.148	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	29496	20.211	ug/L	98
46) Tetrachloroethene	10.855	164	72666	41.577	ug/L	96
48) 2-Hexanone	10.965	43	52977	76.281	ug/L	98
49) Dibromochloromethane	11.123	129	27084	16.867	ug/L	90
50) 1,2-Dibromoethane	11.233	107	27915	20.638	ug/L	89
51) Chlorobenzene	11.654	112	140517	24.031	ug/L	92
52) Ethylbenzene	11.727	91	352254	32.420	ug/L	100
53) m,p-Xylene	11.837	106	128845	31.101	ug/L	92
54) o-Xylene	12.160	106	100456	26.092	ug/L	99
55) Styrene	12.178	104	145597	22.727	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	37291	23.254	ug/L	97
59) Bromoform	12.349	173	14566	19.658	ug/L	99
60) Isopropylbenzene	12.459	105	391161	40.266	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	30020	28.747	ug/L	97
62) 1,3,5-Trimethylbenzene	12.934	105	279720	34.970	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	233584	30.003	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	96168	24.959	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	93223	24.464	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	76442	23.233	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	7967	34.124	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	66249	25.373	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	45645	21.948	ug/L	98
71) Naphthalene	15.354	128	97098	24.899	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	39136	22.343	ug/L	96

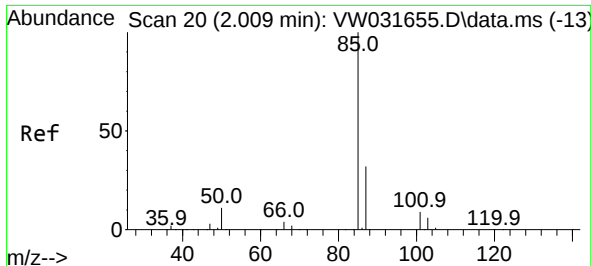
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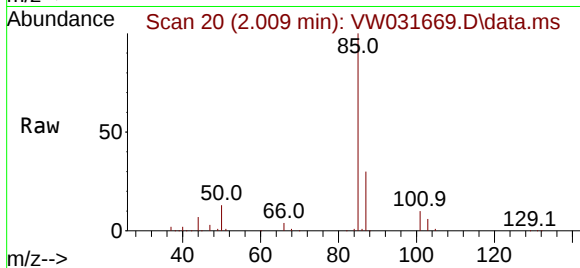
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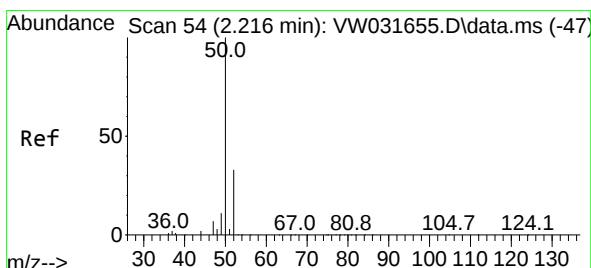
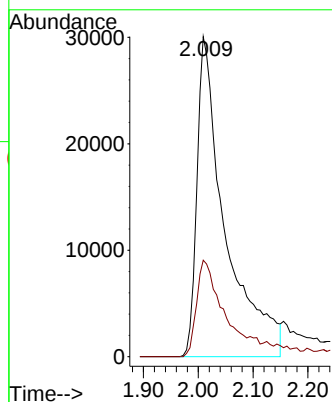
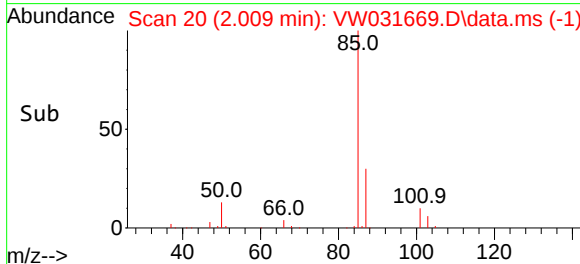


#2
 Dichlorodifluoromethane
 Concen: 42.598 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VW031669.D
 Acq: 30 Jan 2025 20:11

Instrument :
 MSVOA_W
 ClientSampleId :

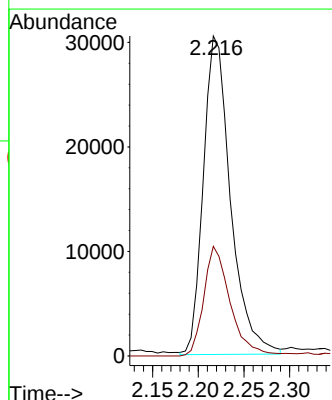
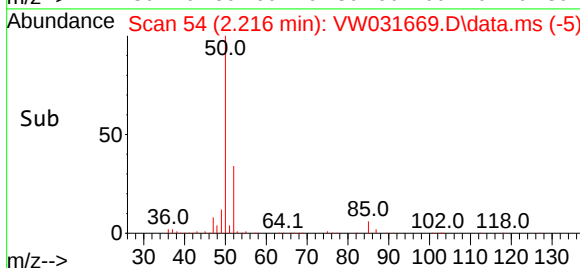
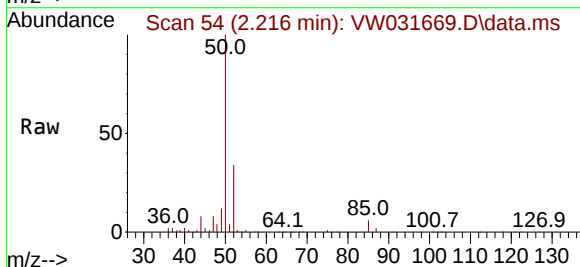


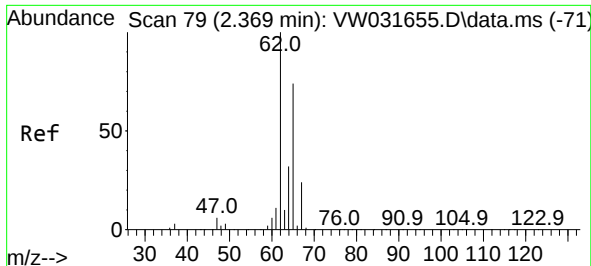
Tgt Ion: 85 Resp: 107472
 Ion Ratio Lower Upper
 85 100
 87 27.7 25.0 37.4



#3
 Chloromethane
 Concen: 24.132 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VW031669.D
 Acq: 30 Jan 2025 20:11

Tgt Ion: 50 Resp: 63105
 Ion Ratio Lower Upper
 50 100
 52 34.3 22.3 41.3

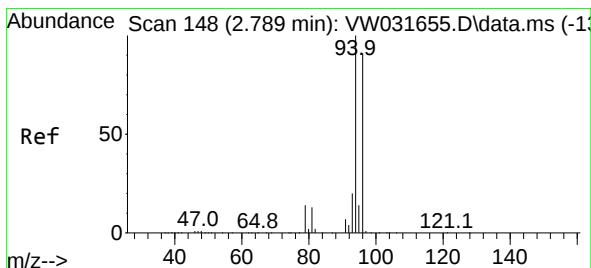
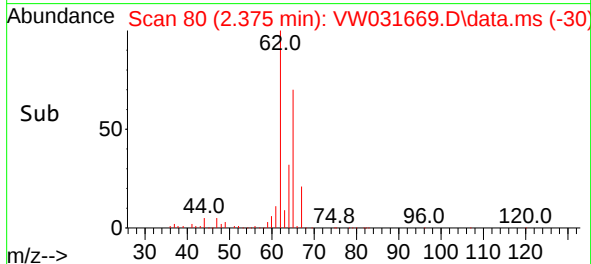
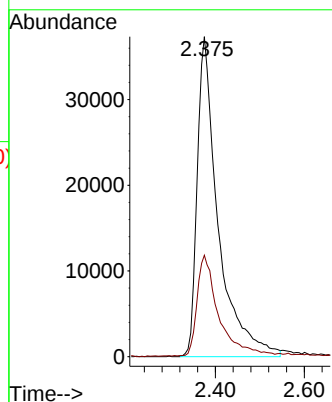
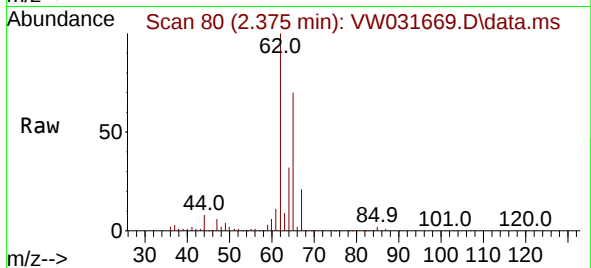




#5
 Vinyl chloride
 Concen: 36.595 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW031669.D
 Acq: 30 Jan 2025 20:11

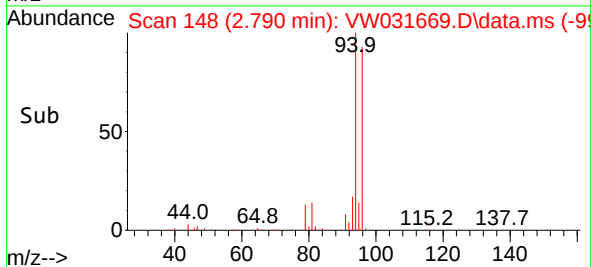
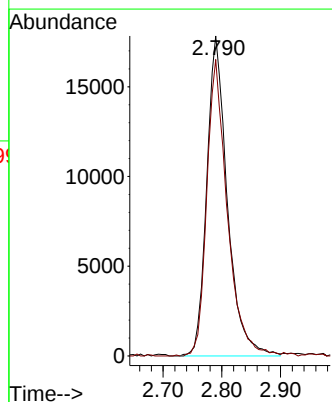
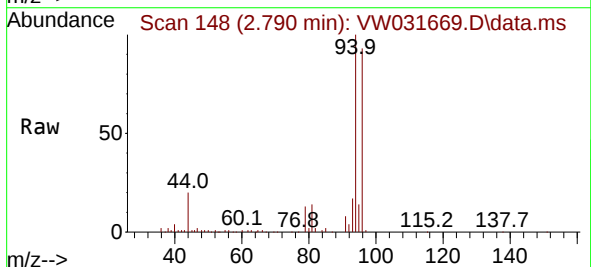
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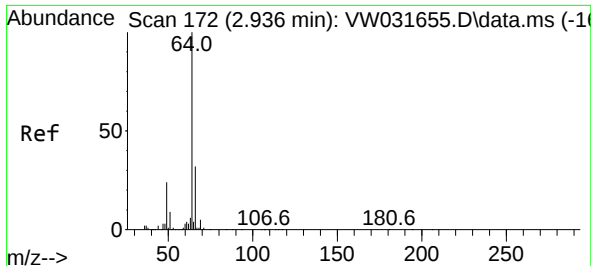
Tgt Ion: 62 Resp: 122062
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.7 42.3



#6
 Bromomethane
 Concen: 22.295 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW031669.D
 Acq: 30 Jan 2025 20:11

Tgt Ion: 94 Resp: 43464
 Ion Ratio Lower Upper
 94 100
 96 92.6 67.6 125.6

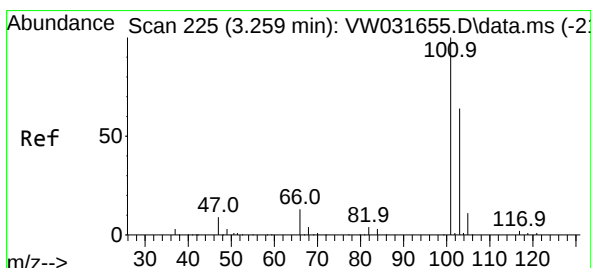
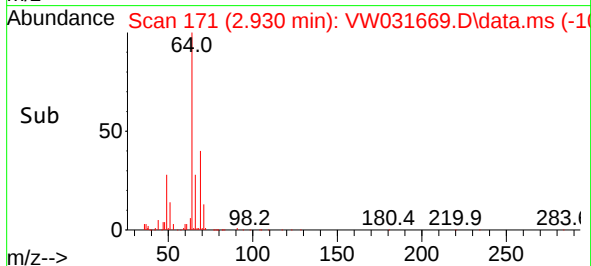
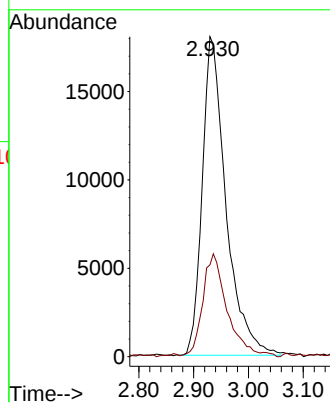
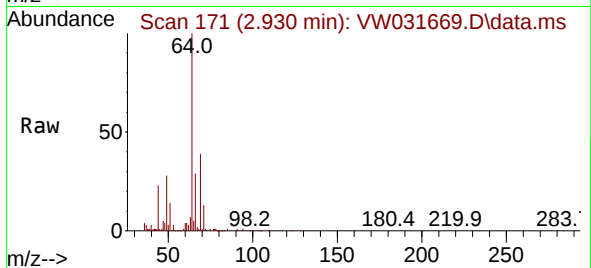




#8
Chloroethane
Concen: 27.612 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11

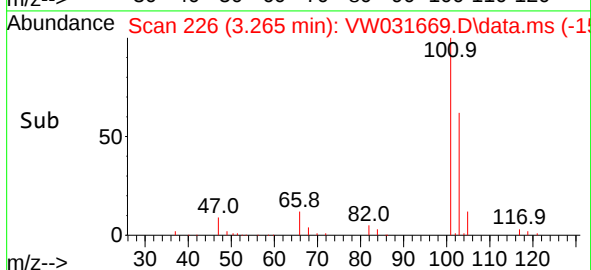
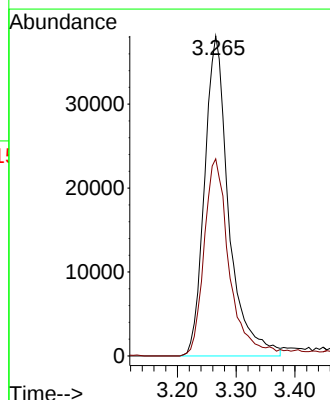
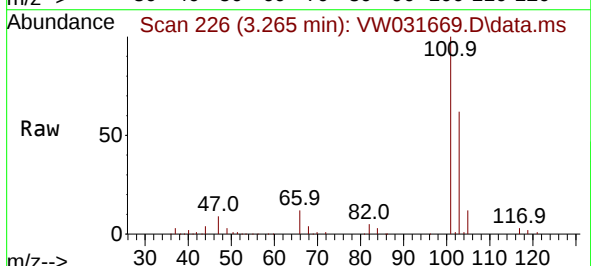
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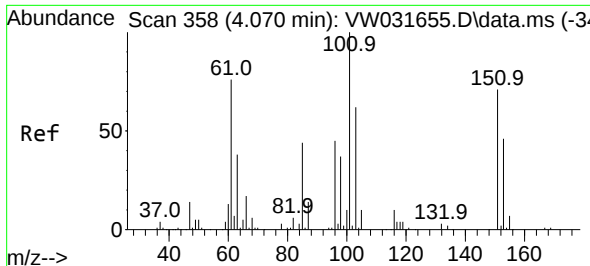
Tgt Ion: 64 Resp: 54138
Ion Ratio Lower Upper
64 100
66 28.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 32.914 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11

Tgt Ion:101 Resp: 109066
Ion Ratio Lower Upper
101 100
103 62.9 51.4 77.2

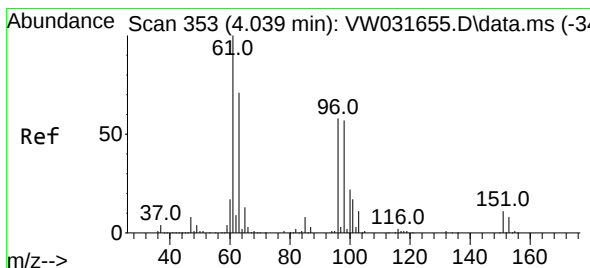
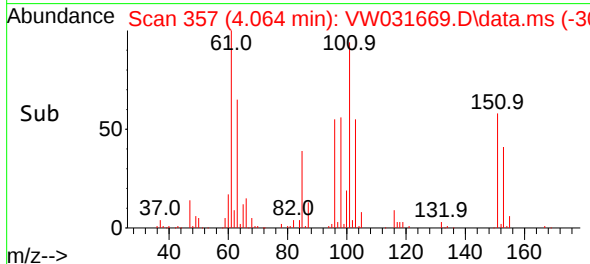
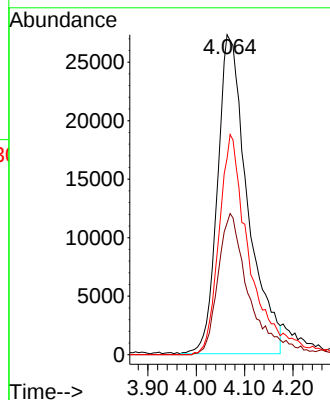
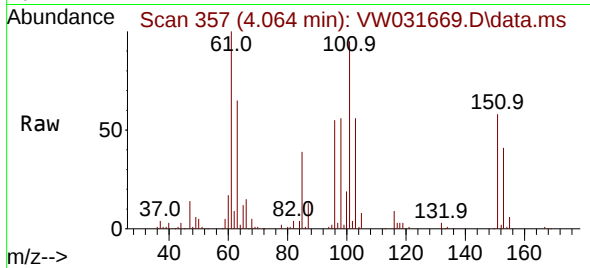




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.415 ug/L
 RT: 4.064 min Scan# 357
 Delta R.T. -0.006 min
 Lab File: VW031669.D
 Acq: 30 Jan 2025 20:11

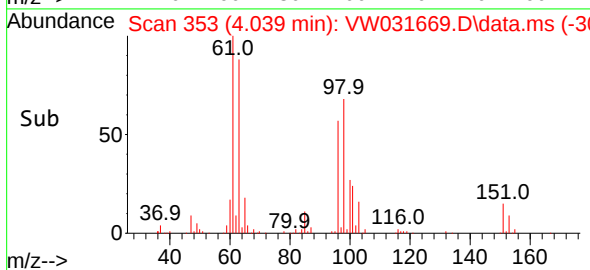
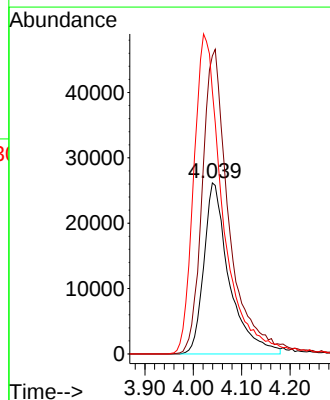
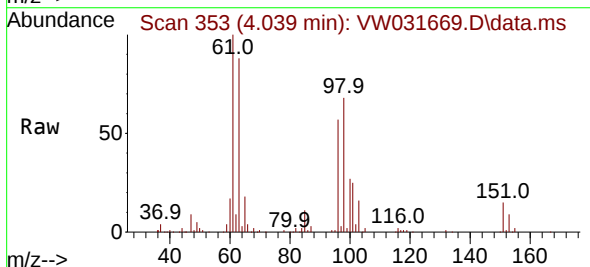
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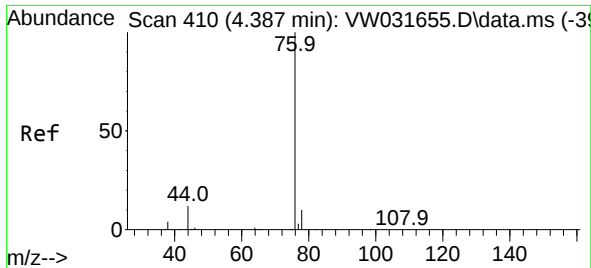
Tgt Ion:101 Resp: 117766
 Ion Ratio Lower Upper
 101 100
 85 43.8 36.1 54.1
 151 66.4 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 36.985 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW031669.D
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Tgt Ion: 96 Resp: 95463
 Ion Ratio Lower Upper
 96 100
 61 174.2 123.8 230.0
 63 153.7 94.1 174.8

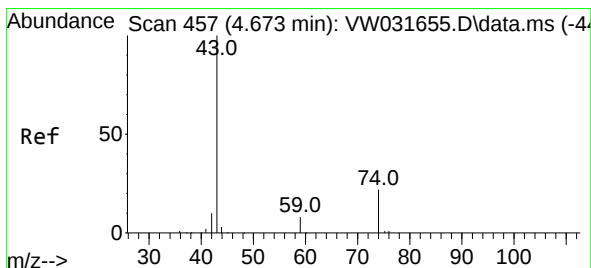
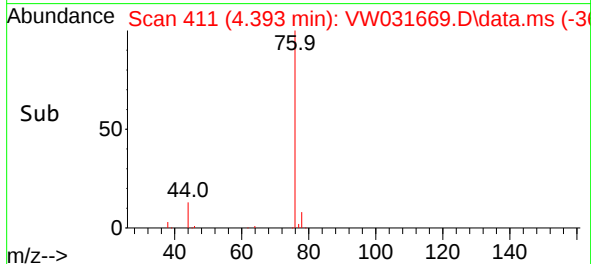
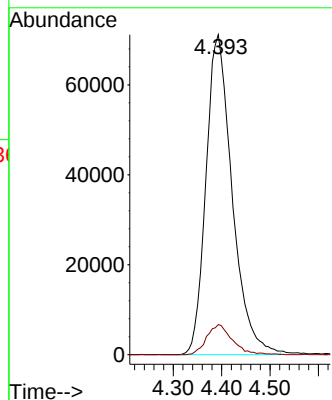
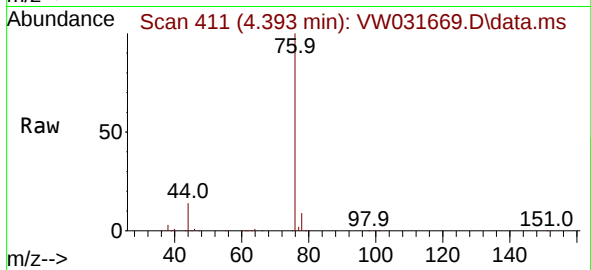




#14
Carbon disulfide
Concen: 30.768 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11

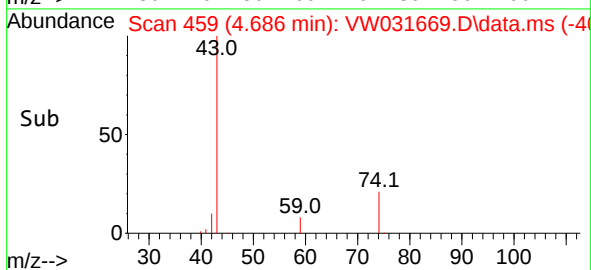
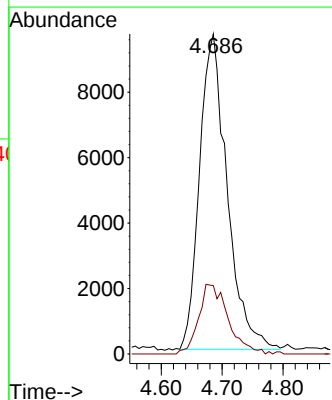
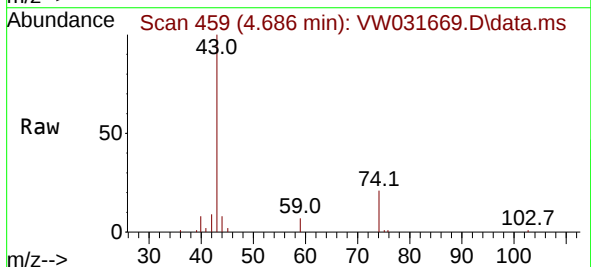
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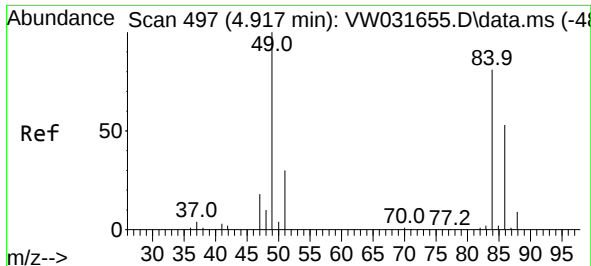
Tgt Ion: 76 Resp: 267510
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#15
Methyl Acetate
Concen: 30.751 ug/L
RT: 4.686 min Scan# 459
Delta R.T. 0.012 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11

Tgt Ion: 43 Resp: 30337
Ion Ratio Lower Upper
43 100
74 23.3 10.6 15.8#

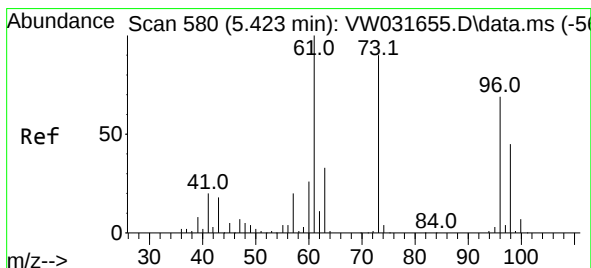
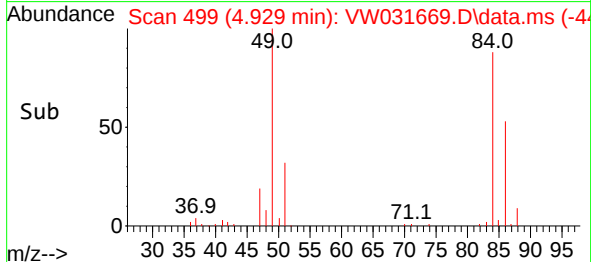
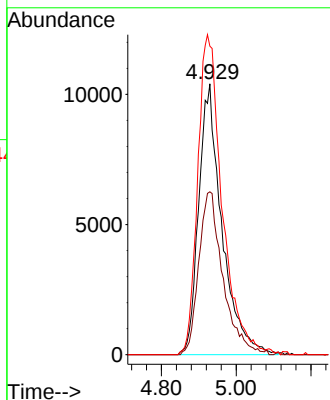
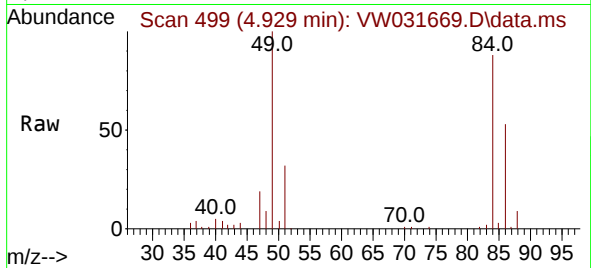




#16
Methylene chloride
Concen: 16.974 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.012 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11

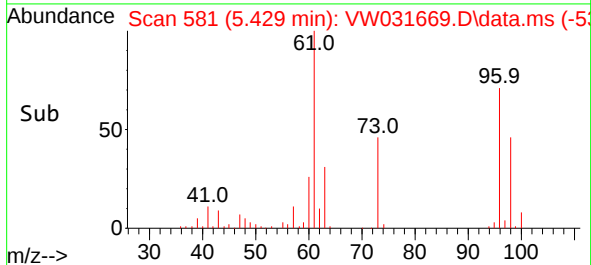
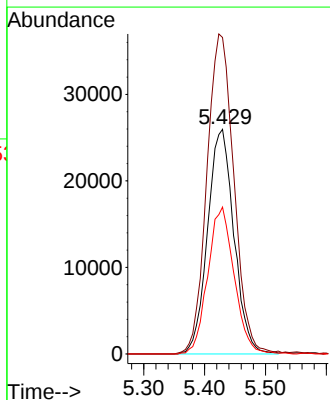
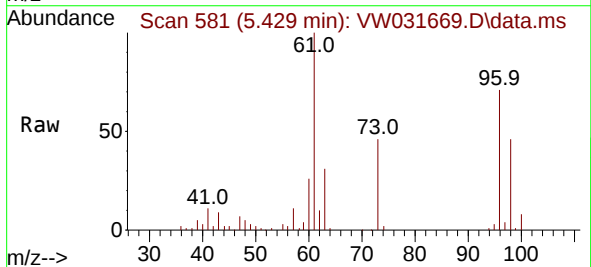
Instrument :
MSVOA_W
ClientSampleId :

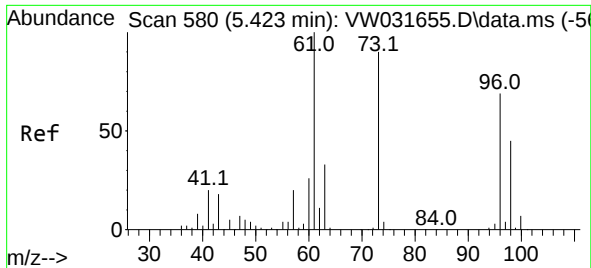
Tgt Ion: 84 Resp: 44841
Ion Ratio Lower Upper
84 100
86 60.1 47.0 87.2
49 113.8 89.8 166.8



#17
trans-1,2-Dichloroethene
Concen: 28.202 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11

Tgt Ion: 96 Resp: 78185
Ion Ratio Lower Upper
96 100
61 140.9 105.1 195.1
98 65.3 44.9 83.3

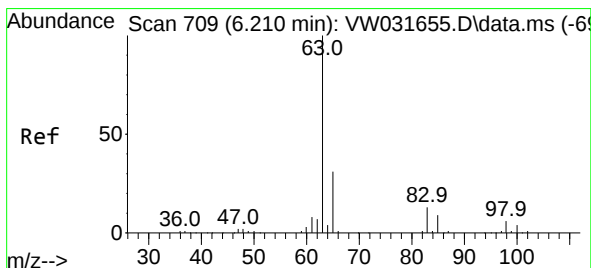
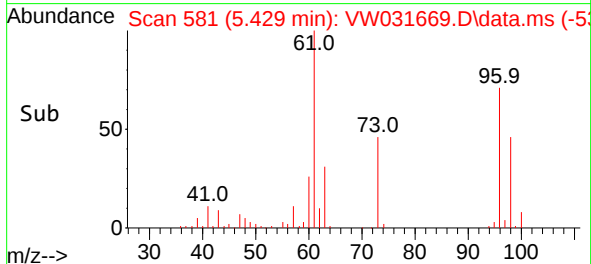
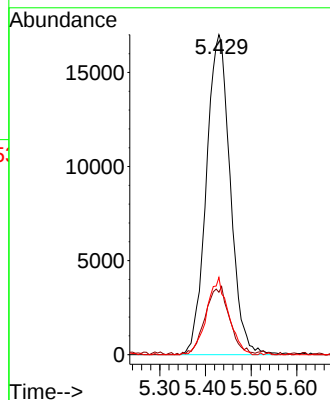
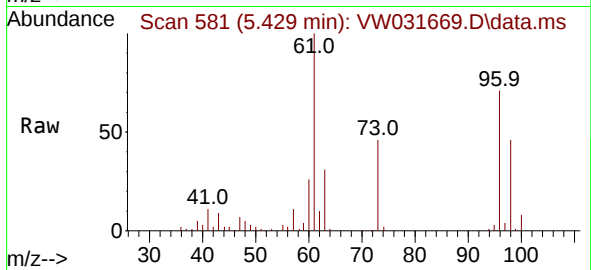




#18
Methyl tert-butyl Ether
Concen: 13.883 ug/L
RT: 5.429 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11

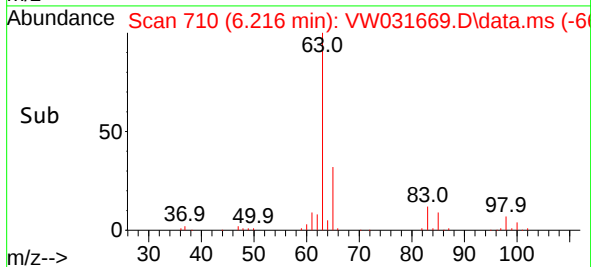
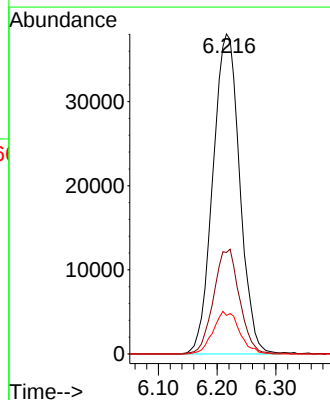
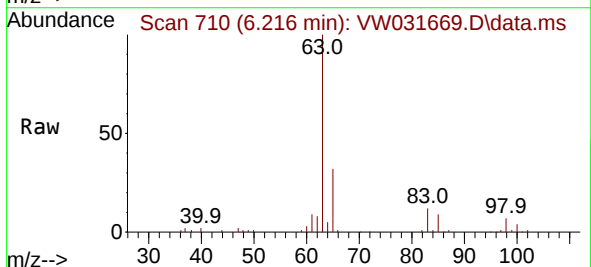
Instrument :
MSVOA_W
ClientSampleId :

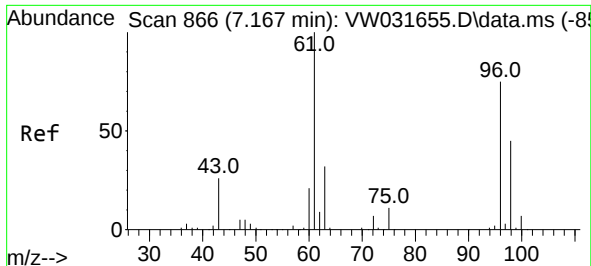
Tgt Ion: 73 Resp: 61718
Ion Ratio Lower Upper
73 100
43 12.9 16.4 24.6#
57 22.0 18.2 27.2



#19
1,1-Dichloroethane
Concen: 23.137 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11

Tgt Ion: 63 Resp: 120677
Ion Ratio Lower Upper
63 100
65 31.7 22.0 41.0
83 12.1 9.0 16.6

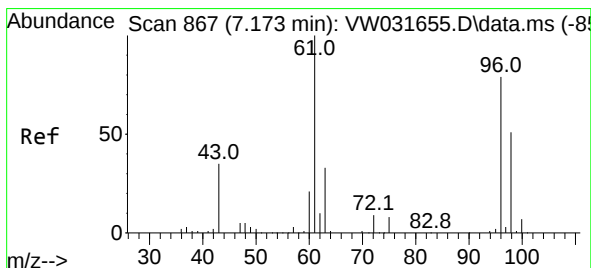
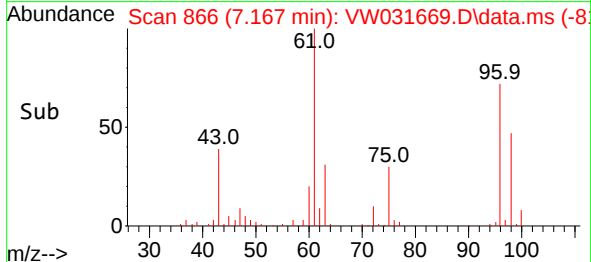
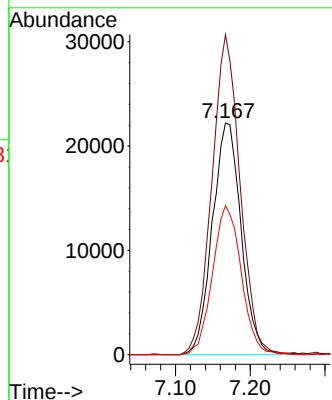
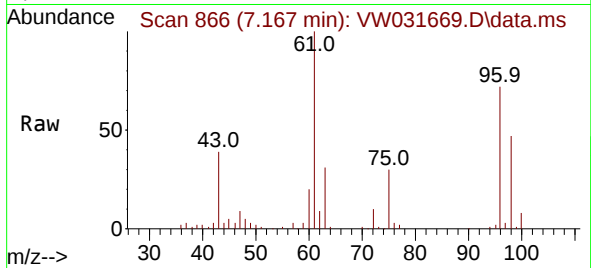




#20
 cis-1,2-Dichloroethene
 Concen: 20.050 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VW031669.D
 Acq: 30 Jan 2025 20:11

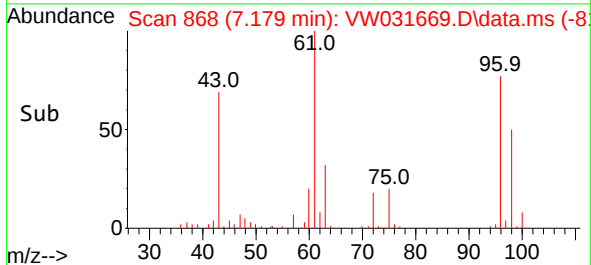
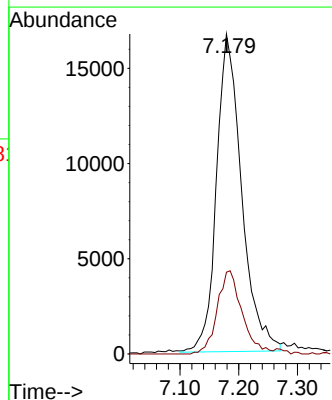
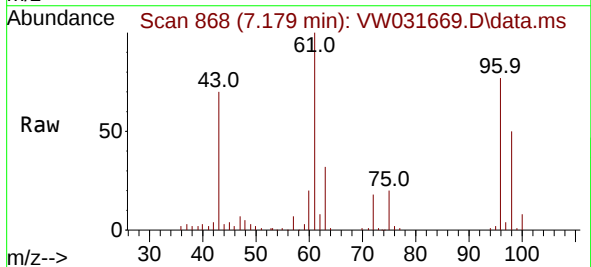
Instrument :
 MSVOA_W
 ClientSampleId :

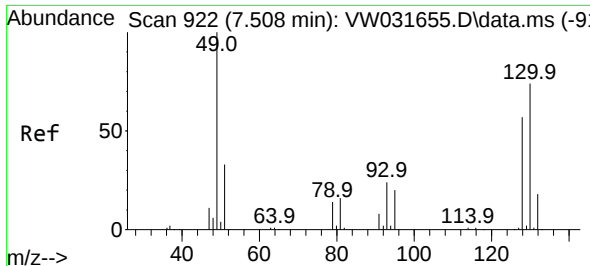
Tgt Ion: 96 Resp: 59347
 Ion Ratio Lower Upper
 96 100
 61 138.1 94.8 176.2
 98 64.3 45.6 84.8



#22
 2-Butanone
 Concen: 77.083 ug/L
 RT: 7.179 min Scan# 868
 Delta R.T. 0.006 min
 Lab File: VW031669.D
 Acq: 30 Jan 2025 20:11

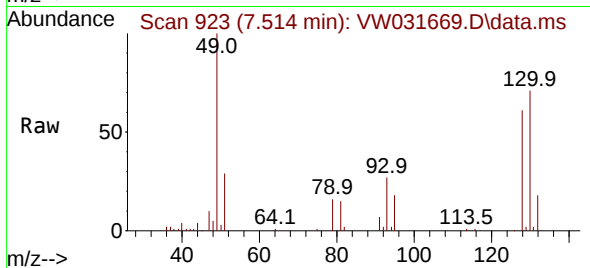
Tgt Ion: 43 Resp: 49576
 Ion Ratio Lower Upper
 43 100
 72 25.8 13.2 39.5



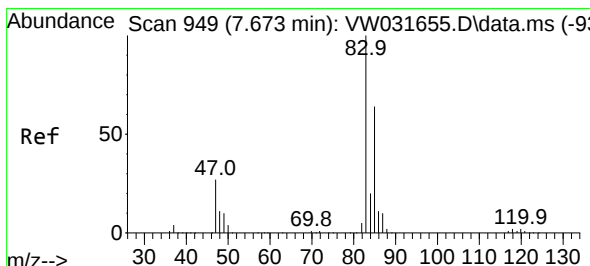
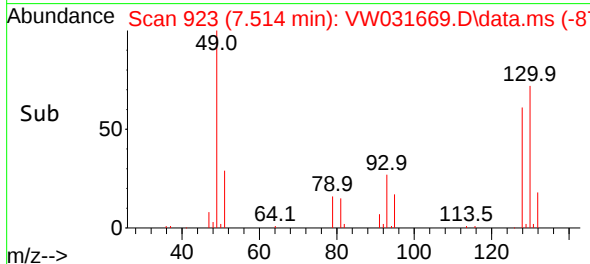
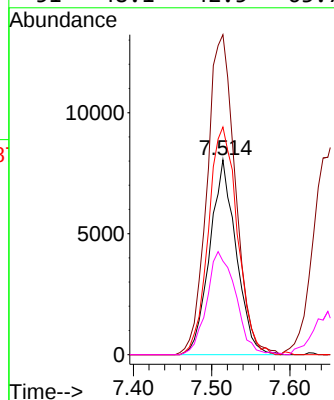


#23
Bromochloromethane
Concen: 16.237 ug/L
RT: 7.514 min Scan# 912
Delta R.T. 0.006 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11

Instrument :
MSVOA_W
ClientSampleId :

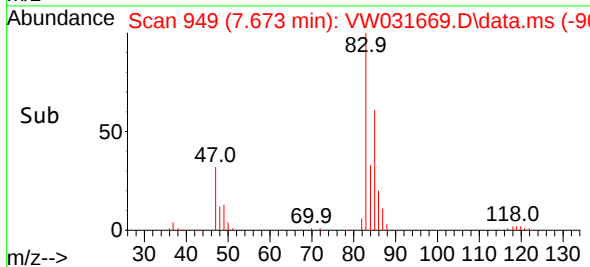
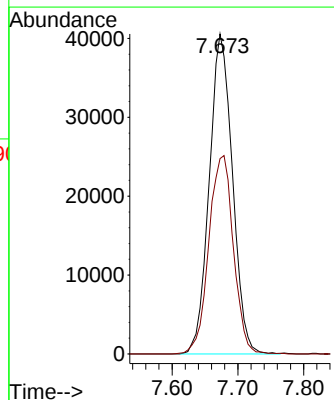
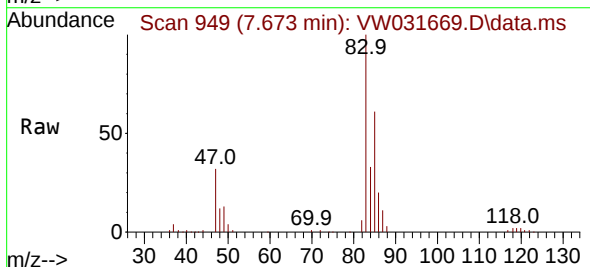


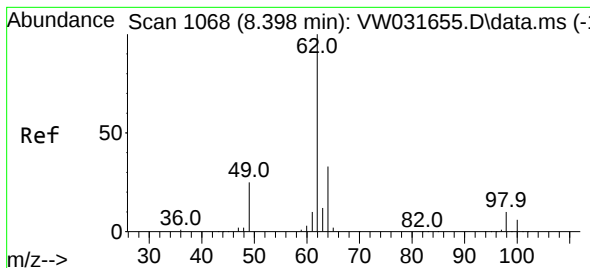
Tgt Ion:128 Resp: 18822
Ion Ratio Lower Upper
128 100
49 164.2 123.9 230.1
130 116.9 88.1 163.7
51 48.1 42.5 63.7



#25
Chloroform
Concen: 20.098 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11

Tgt Ion: 83 Resp: 99709
Ion Ratio Lower Upper
83 100
85 61.0 46.2 85.8





#27

1,2-Dichloroethane

Concen: 15.715 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031669.D

Acq: 30 Jan 2025 20:11

Instrument :

MSVOA_W

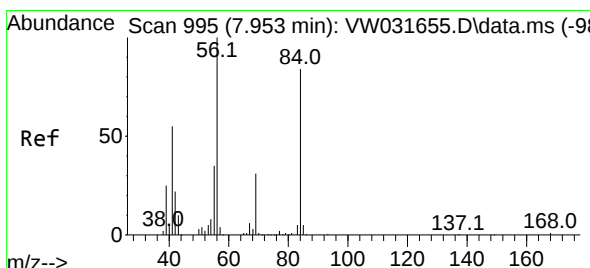
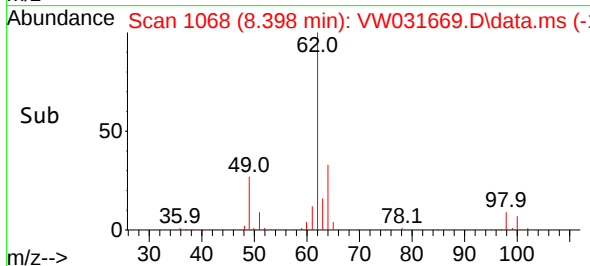
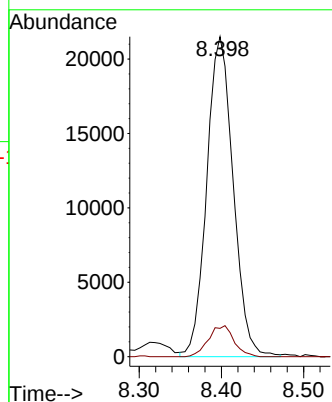
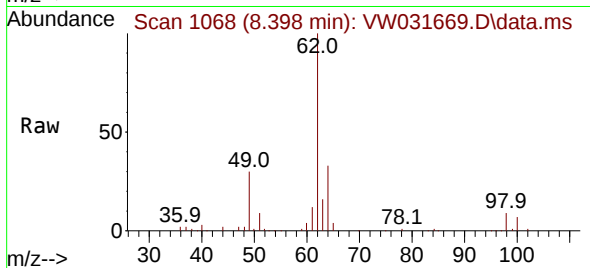
ClientSampleId :

Tgt Ion: 62 Resp: 48020

Ion Ratio Lower Upper

62 100

98 8.9 7.3 10.9



#29

Cyclohexane

Concen: 54.233 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW031669.D

Acq: 30 Jan 2025 20:11

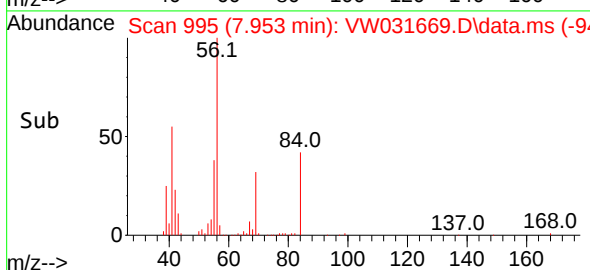
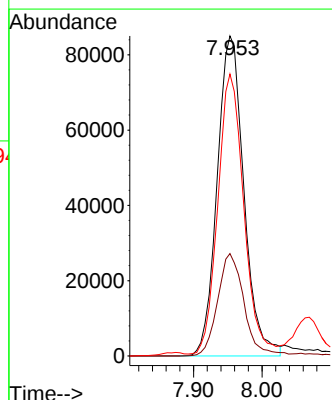
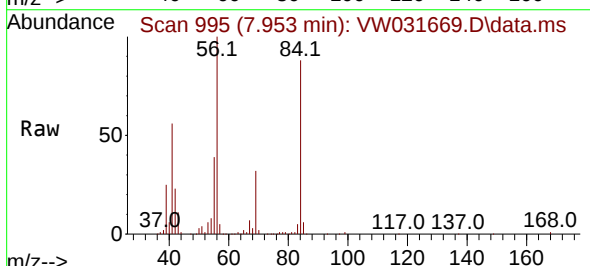
Tgt Ion: 56 Resp: 230077

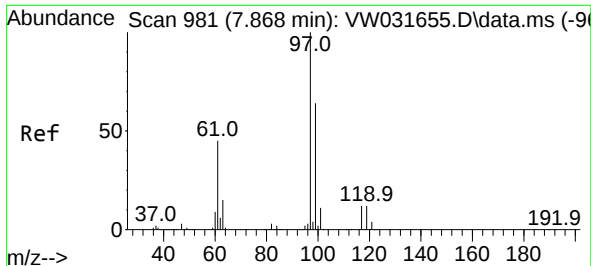
Ion Ratio Lower Upper

56 100

69 31.5 25.2 37.8

84 85.6 66.3 99.5

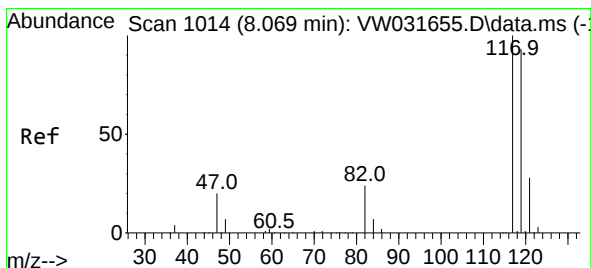
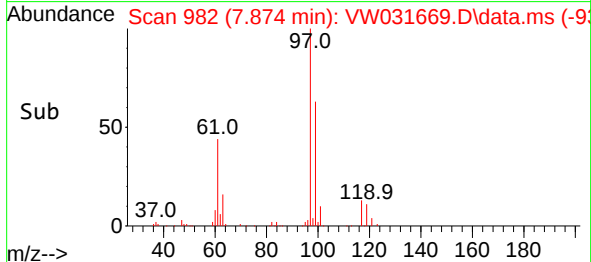
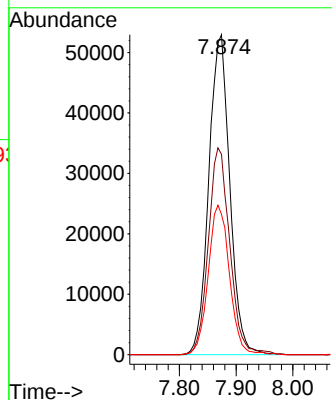
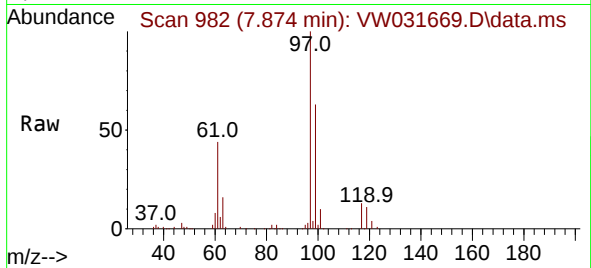




#30
1,1,1-Trichloroethane
Concen: 39.659 ug/L
RT: 7.874 min Scan# 981
Delta R.T. 0.006 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11

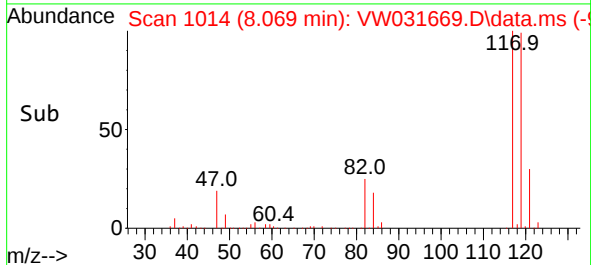
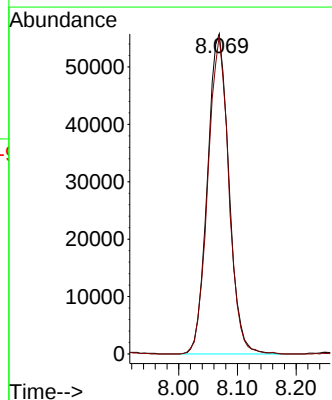
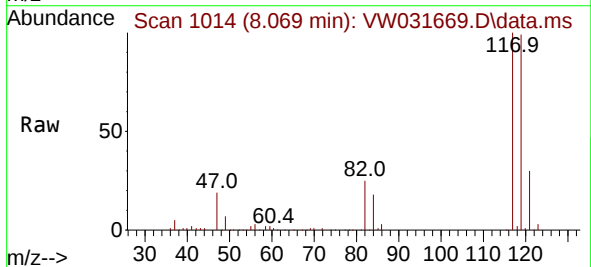
Instrument :
MSVOA_W
ClientSampleId :

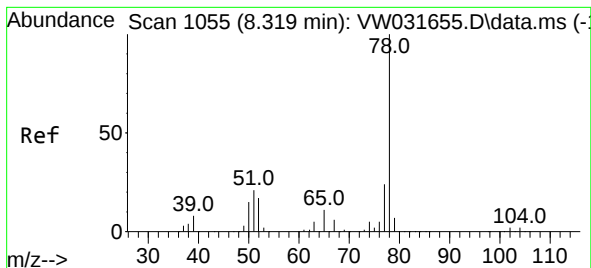
Tgt Ion: 97 Resp: 136269
Ion Ratio Lower Upper
97 100
99 65.4 52.2 78.4
61 47.1 36.9 55.3



#31
Carbon tetrachloride
Concen: 46.509 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11

Tgt Ion: 117 Resp: 141686
Ion Ratio Lower Upper
117 100
119 96.4 77.4 116.0





#33

Benzene

Concen: 29.336 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW031669.D

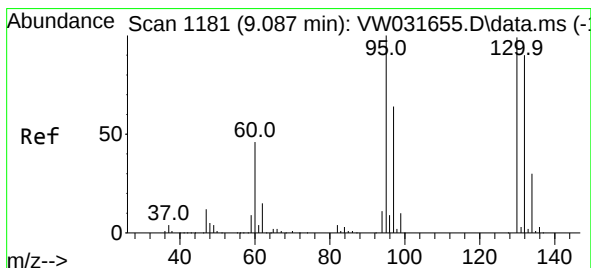
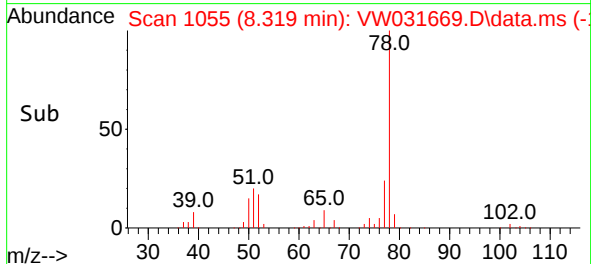
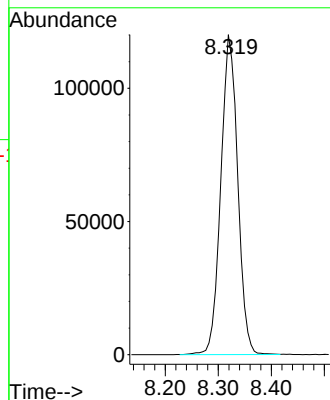
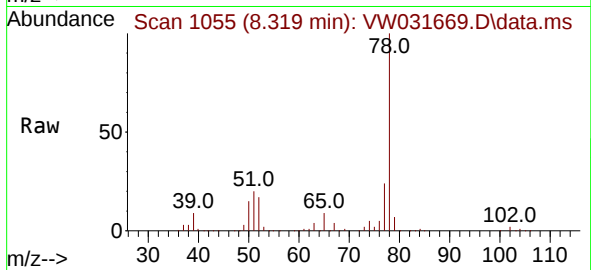
Acq: 30 Jan 2025 20:11

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 265755



#34

Trichloroethene

Concen: 35.667 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031669.D

Acq: 30 Jan 2025 20:11

Tgt Ion: 95 Resp: 86869

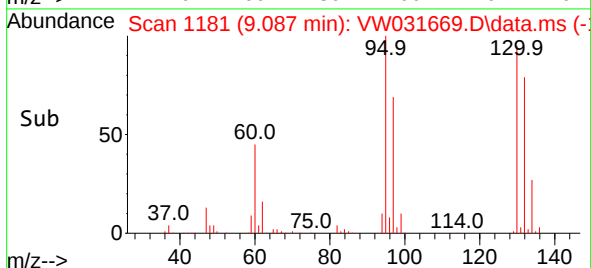
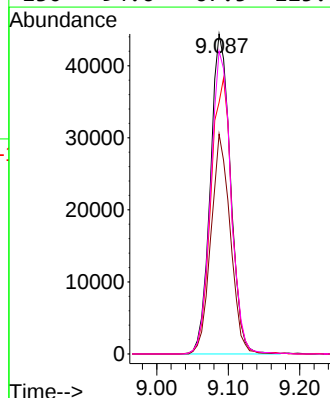
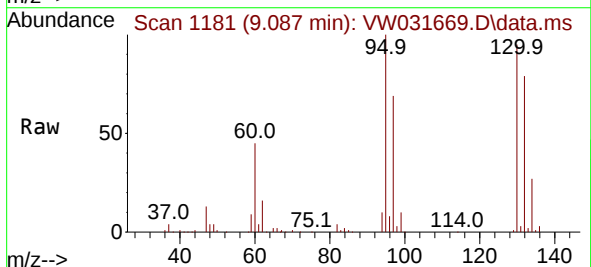
Ion Ratio Lower Upper

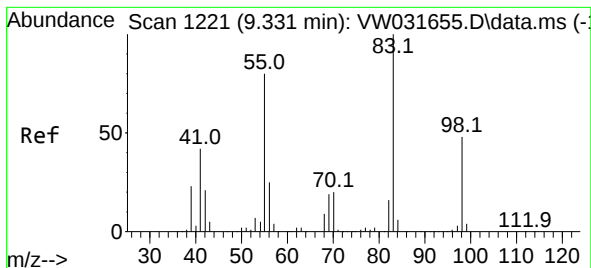
95 100

97 68.7 44.0 81.6

132 78.6 64.6 120.0

130 94.6 67.5 125.4





#35

Methylcyclohexane

Concen: 55.547 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031669.D

Acq: 30 Jan 2025 20:11

Instrument :

MSVOA_W

ClientSampleId :

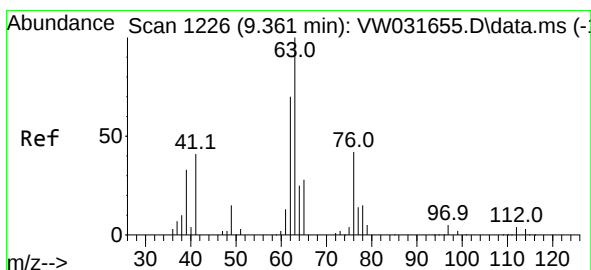
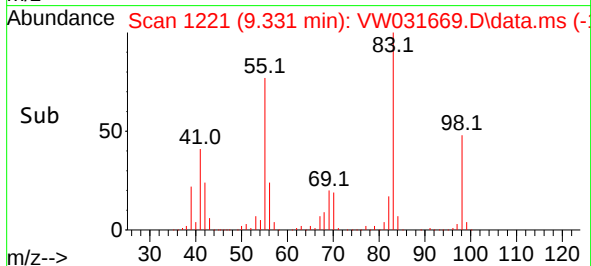
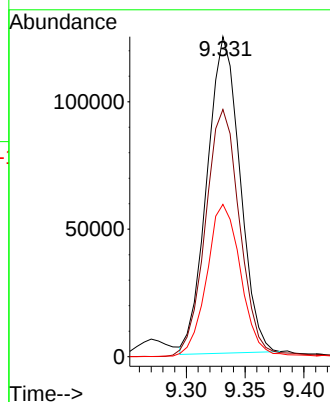
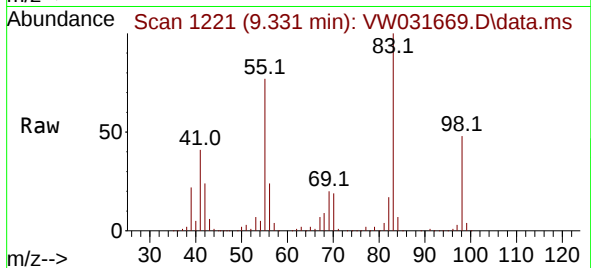
Tgt Ion: 83 Resp: 242550

Ion Ratio Lower Upper

83 100

55 82.2 63.4 95.2

98 49.3 38.8 58.2



#37

1,2-Dichloropropane

Concen: 22.622 ug/L

RT: 9.362 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VW031669.D

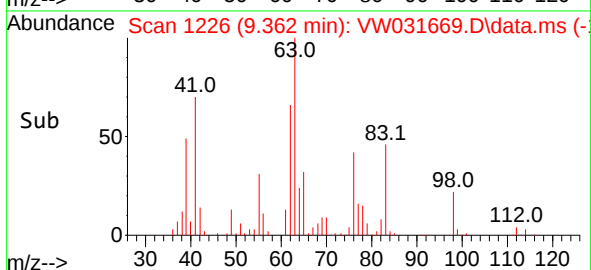
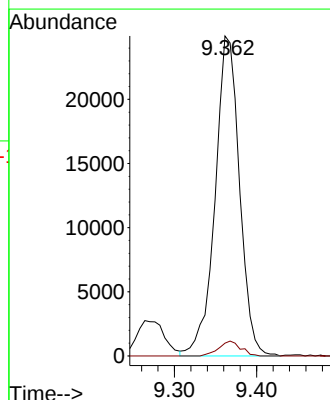
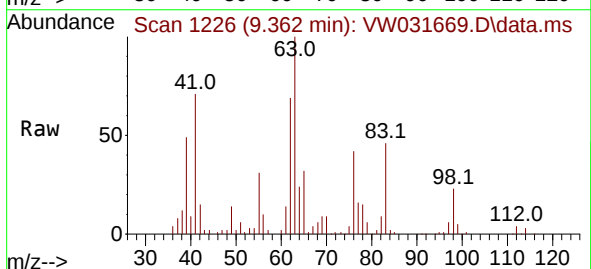
Acq: 30 Jan 2025 20:11

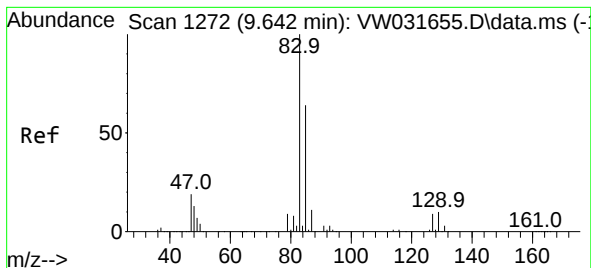
Tgt Ion: 63 Resp: 51508

Ion Ratio Lower Upper

63 100

112 4.2 3.6 5.4





#38

Bromodichloromethane

Concen: 18.983 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031669.D

Acq: 30 Jan 2025 20:11

Instrument :

MSVOA_W

ClientSampleId :

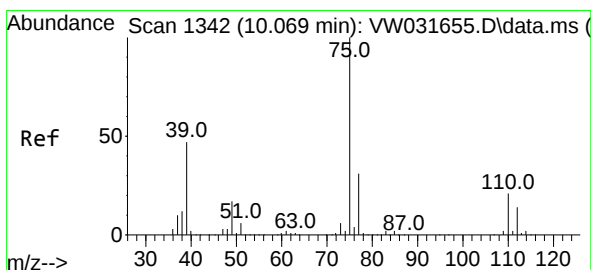
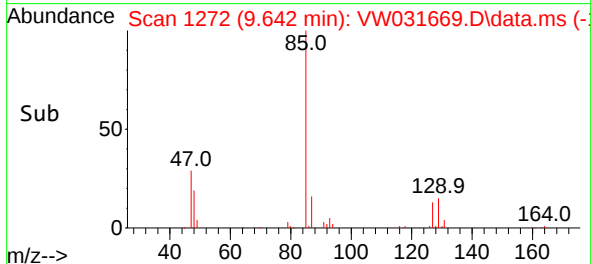
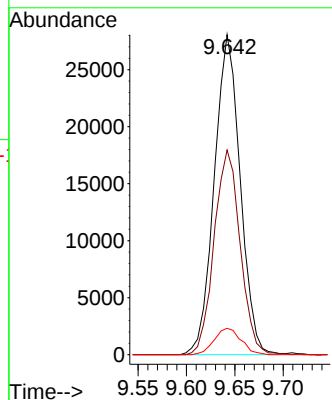
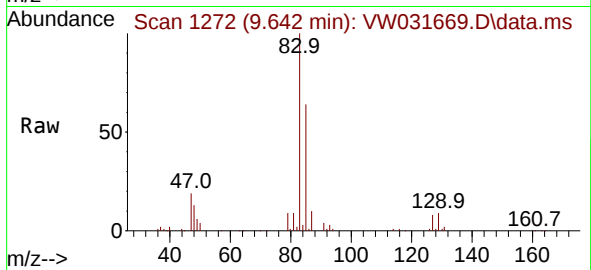
Tgt Ion: 83 Resp: 52282

Ion Ratio Lower Upper

83 100

85 63.9 43.8 81.3

127 8.3 6.2 9.4



#39

cis-1,3-Dichloropropene

Concen: 17.541 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW031669.D

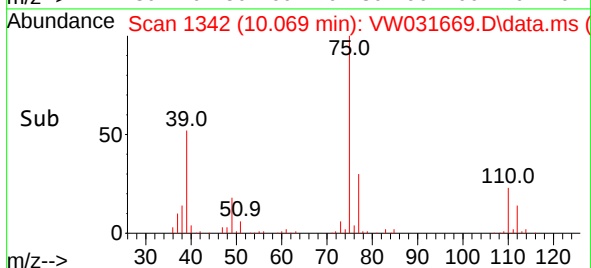
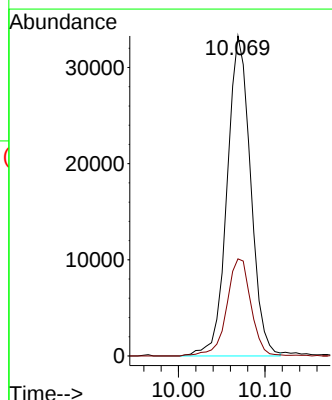
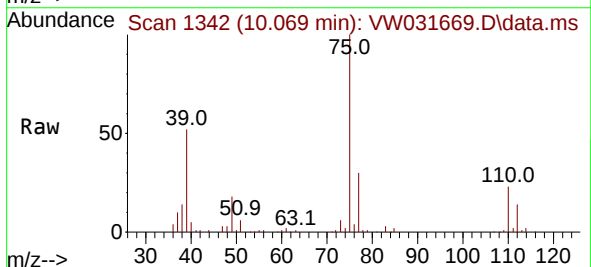
Acq: 30 Jan 2025 20:11

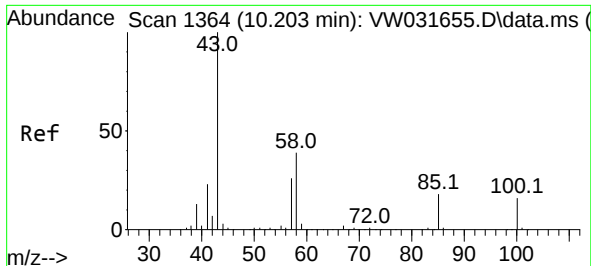
Tgt Ion: 75 Resp: 62827

Ion Ratio Lower Upper

75 100

77 30.4 21.6 40.2





#40

4-Methyl-2-pentanone

Concen: 60.571 ug/L

RT: 10.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW031669.D

Acq: 30 Jan 2025 20:11

Instrument :

MSVOA_W

ClientSampleId :

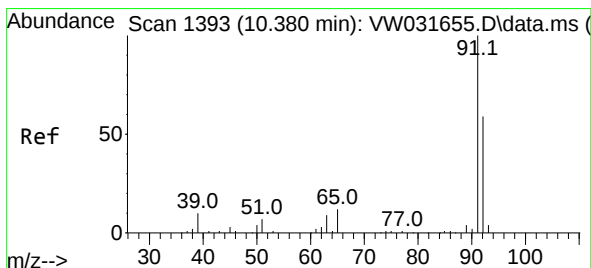
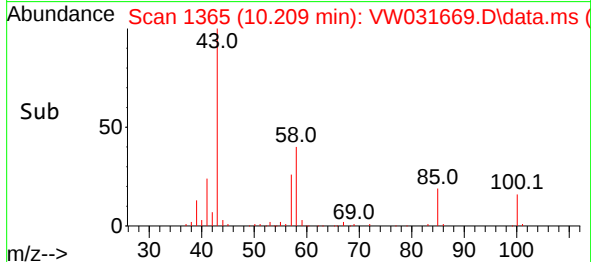
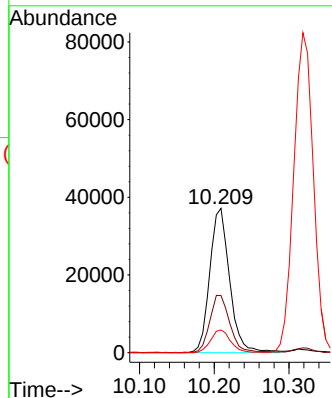
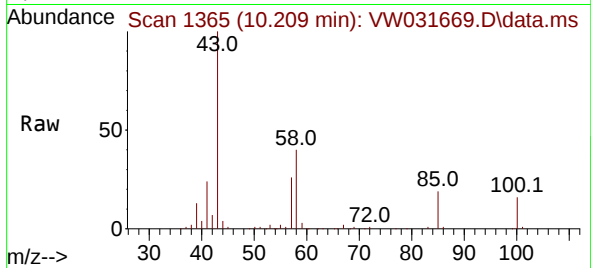
Tgt Ion: 43 Resp: 68838

Ion Ratio Lower Upper

43 100

58 39.8 31.4 47.2

100 15.8 12.3 18.5



#42

Toluene

Concen: 30.218 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.006 min

Lab File: VW031669.D

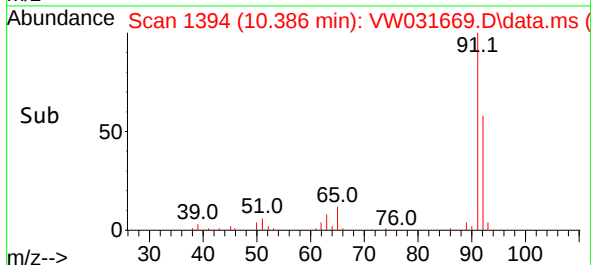
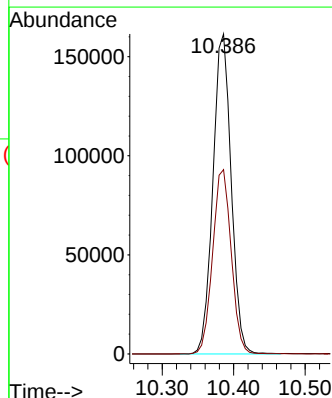
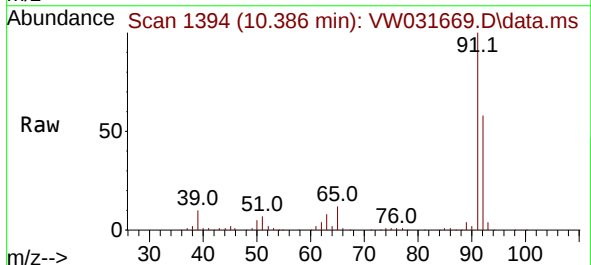
Acq: 30 Jan 2025 20:11

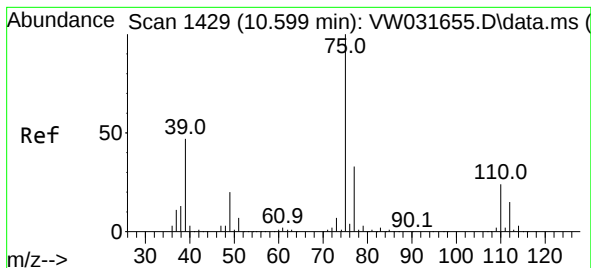
Tgt Ion: 91 Resp: 286153

Ion Ratio Lower Upper

91 100

92 57.6 40.6 75.4





#44

trans-1,3-Dichloropropene

Concen: 16.148 ug/L

RT: 10.605 min Scan# 14

Delta R.T. 0.006 min

Lab File: VW031669.D

Acq: 30 Jan 2025 20:11

Instrument :

MSVOA_W

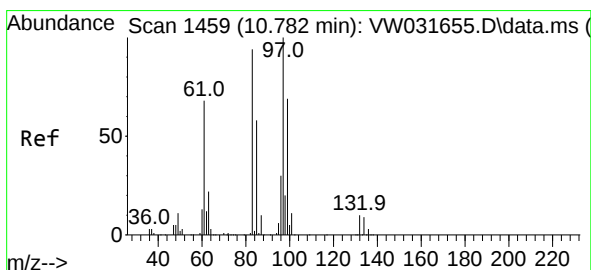
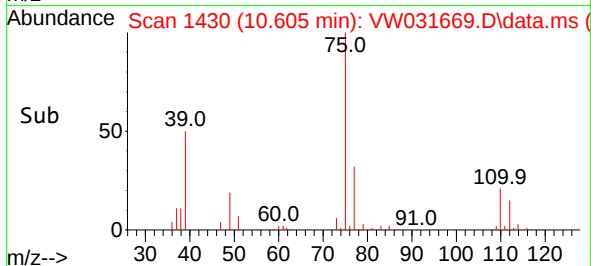
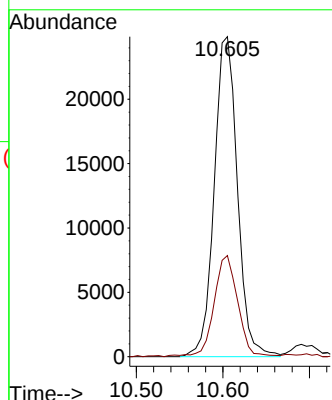
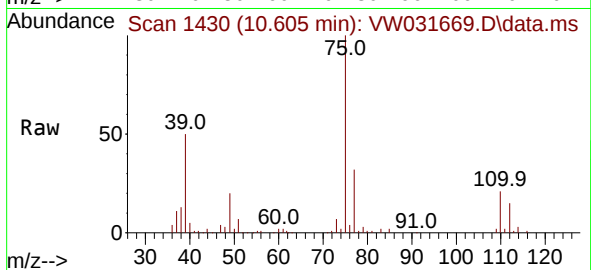
ClientSampleId :

Tgt Ion: 75 Resp: 46231

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.9



#45

1,1,2-Trichloroethane

Concen: 20.211 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031669.D

Acq: 30 Jan 2025 20:11

Tgt Ion: 97 Resp: 29496

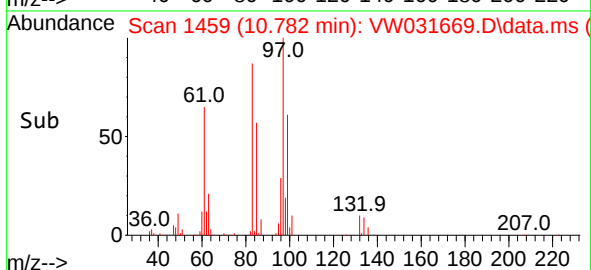
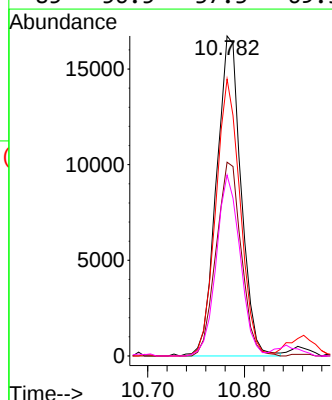
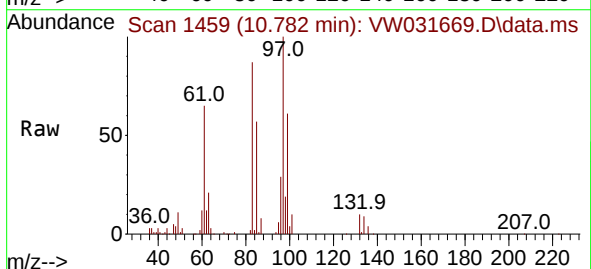
Ion Ratio Lower Upper

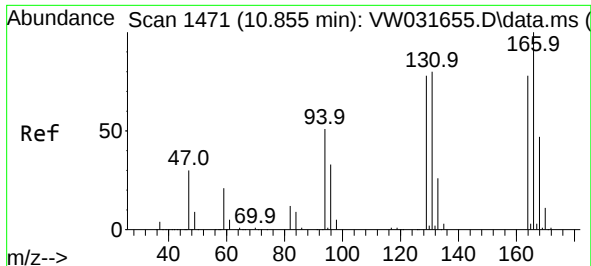
97 100

99 60.5 42.6 79.2

83 86.5 59.6 110.8

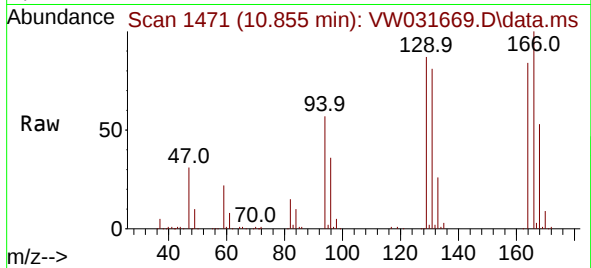
85 56.5 37.3 69.3



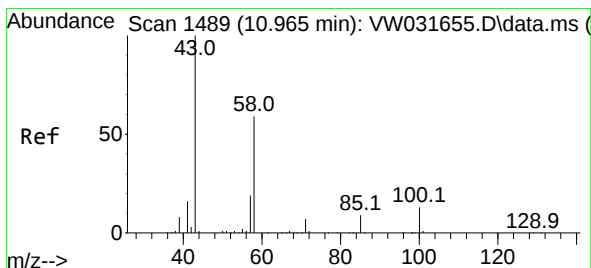
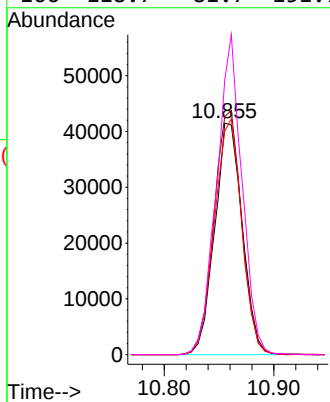
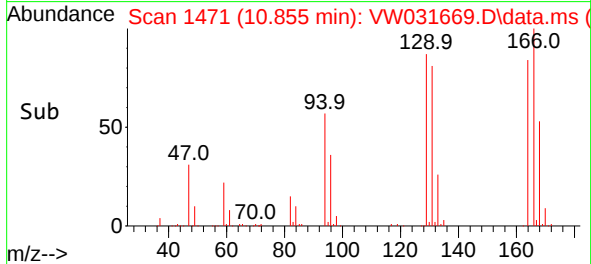


#46
Tetrachloroethene
Concen: 41.577 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11

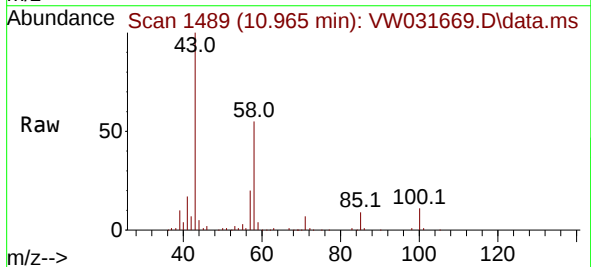
Instrument :
MSVOA_W
ClientSampleId :



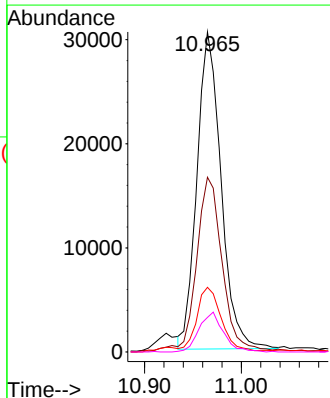
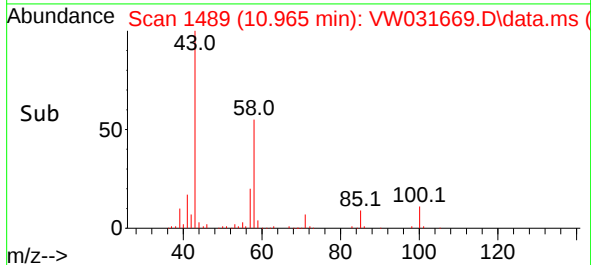
Tgt Ion:164 Resp: 72666
Ion Ratio Lower Upper
164 100
129 102.9 69.8 129.6
131 96.6 63.1 117.1
166 118.7 81.7 151.7

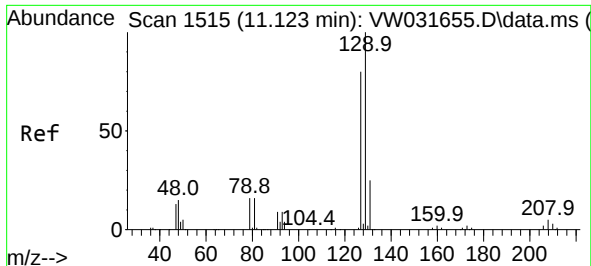


#48
2-Hexanone
Concen: 76.281 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11



Tgt Ion: 43 Resp: 52977
Ion Ratio Lower Upper
43 100
58 57.3 44.8 67.2
57 20.8 15.6 23.4
100 12.6 9.3 13.9

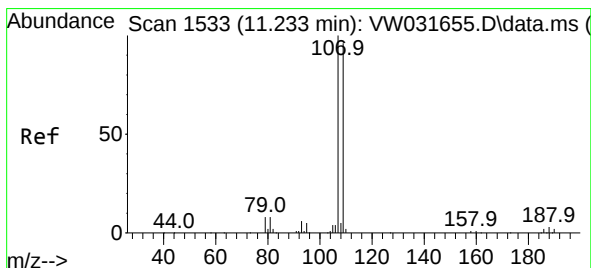
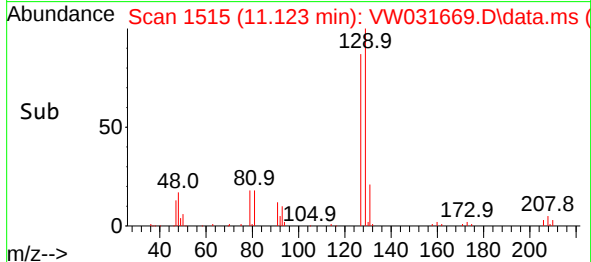
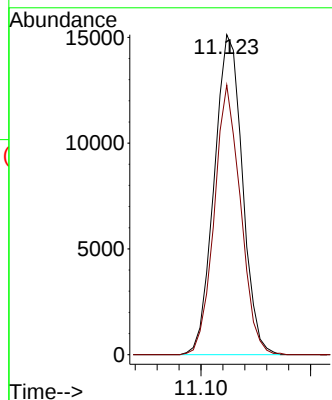
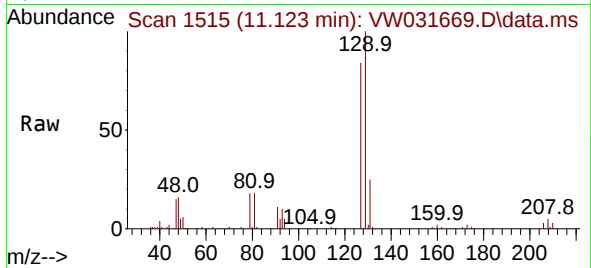




#49
Dibromochloromethane
Concen: 16.867 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11

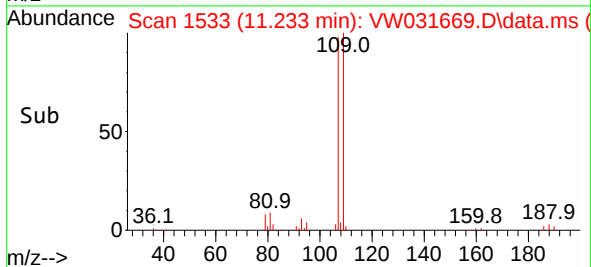
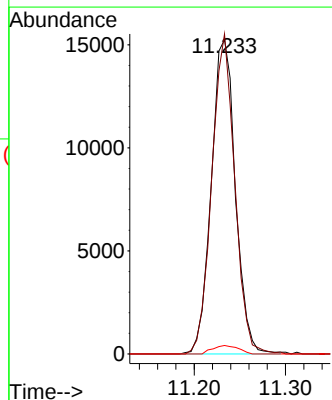
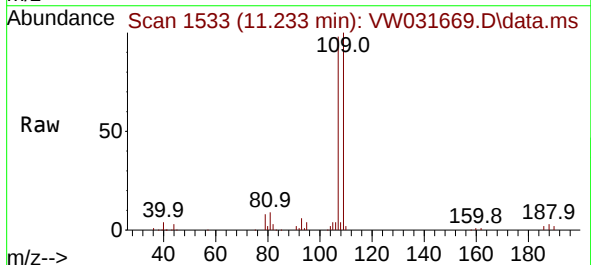
Instrument :
MSVOA_W
ClientSampleId :

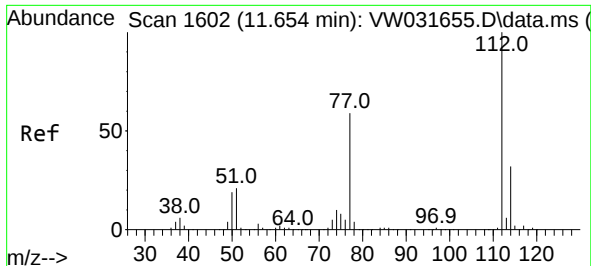
Tgt Ion:129 Resp: 27084
Ion Ratio Lower Upper
129 100
127 84.3 53.0 98.4



#50
1,2-Dibromoethane
Concen: 20.638 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11

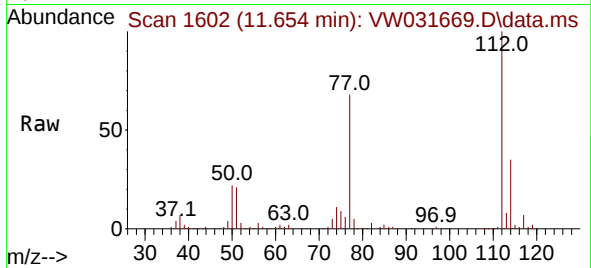
Tgt Ion:107 Resp: 27915
Ion Ratio Lower Upper
107 100
109 101.8 63.8 118.4
188 2.7 2.6 3.8



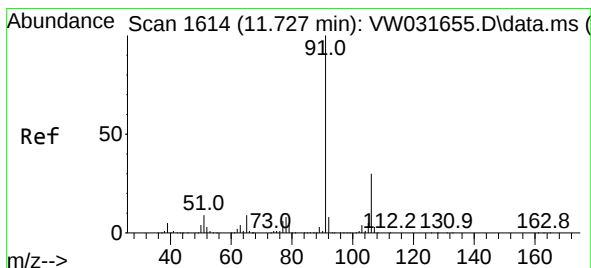
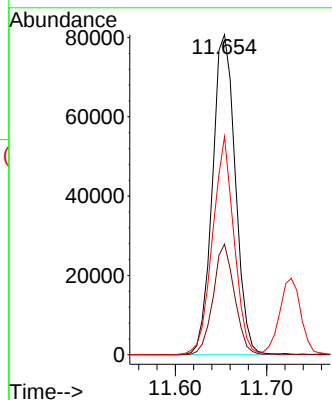
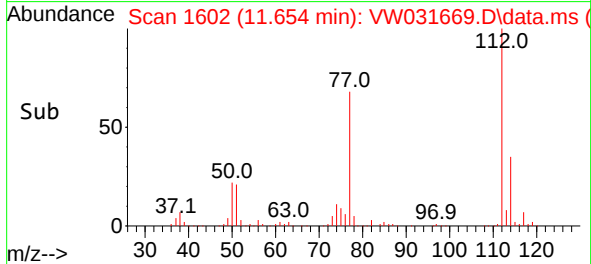


#51
Chlorobenzene
Concen: 24.031 ug/L
RT: 11.654 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11

Instrument :
MSVOA_W
ClientSampleId :

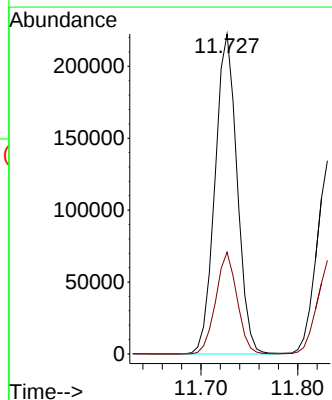
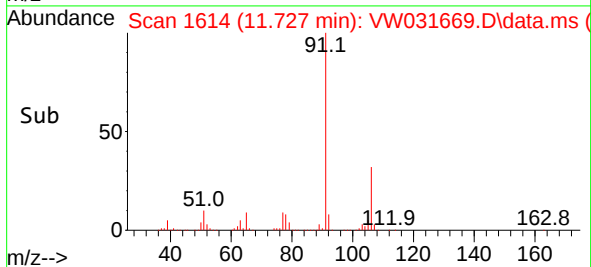
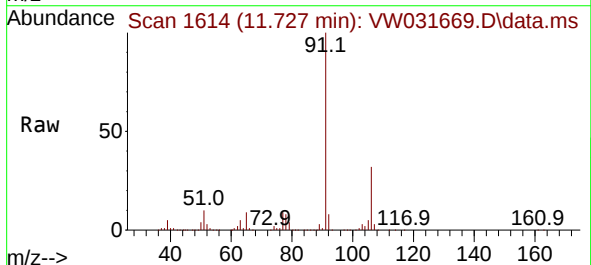


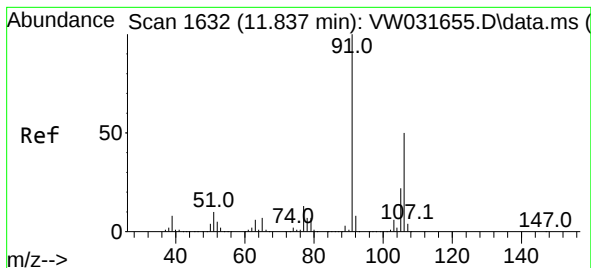
Tgt Ion:112 Resp: 140517
Ion Ratio Lower Upper
112 100
114 34.5 22.0 40.8
77 68.1 49.0 73.4



#52
Ethylbenzene
Concen: 32.420 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11

Tgt Ion: 91 Resp: 352254
Ion Ratio Lower Upper
91 100
106 31.8 22.3 41.3





#53

m,p-Xylene

Concen: 31.101 ug/L

RT: 11.837 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031669.D

Acq: 30 Jan 2025 20:11

Instrument :

MSVOA_W

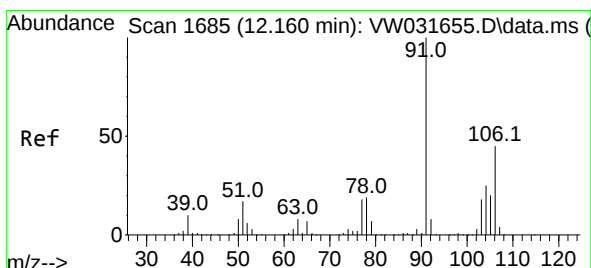
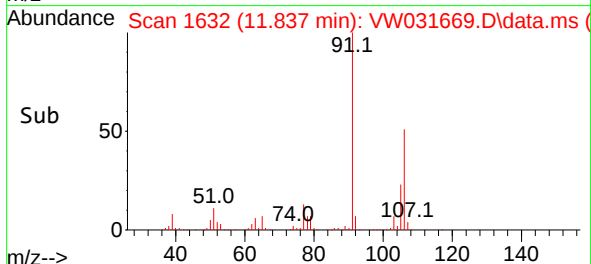
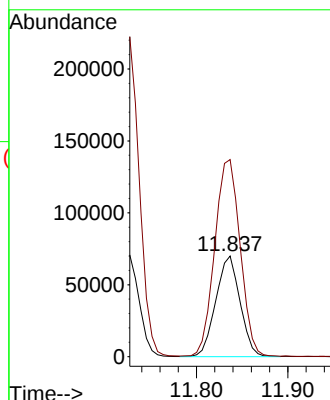
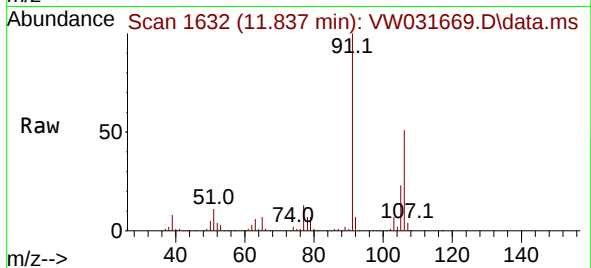
ClientSampleId :

Tgt Ion:106 Resp: 128845

Ion Ratio Lower Upper

106 100

91 195.8 145.9 270.9



#54

o-Xylene

Concen: 26.092 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW031669.D

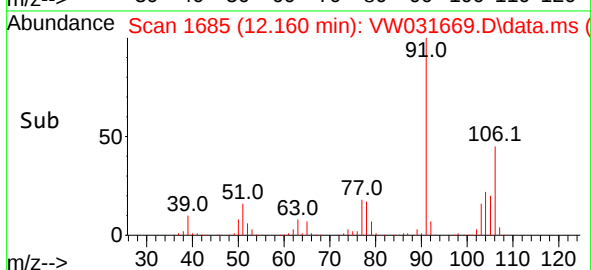
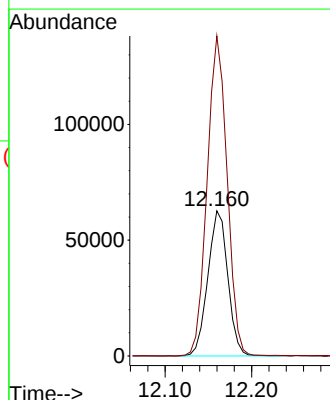
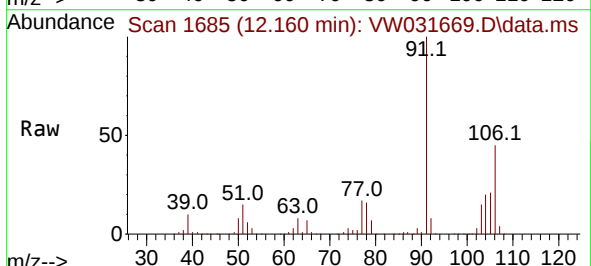
Acq: 30 Jan 2025 20:11

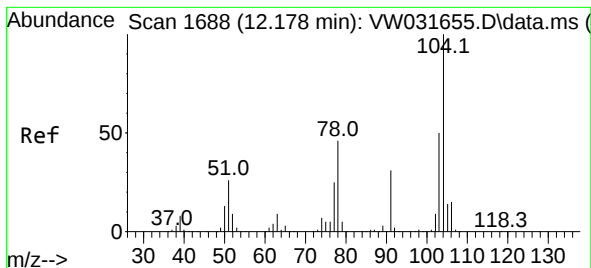
Tgt Ion:106 Resp: 100456

Ion Ratio Lower Upper

106 100

91 220.6 152.9 284.1





#55

Styrene

Concen: 22.727 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031669.D

Acq: 30 Jan 2025 20:11

Instrument :

MSVOA_W

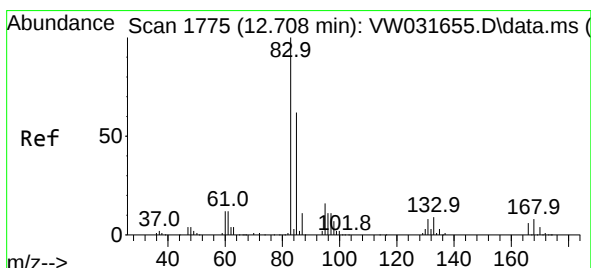
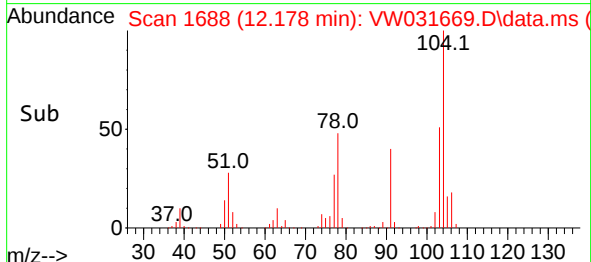
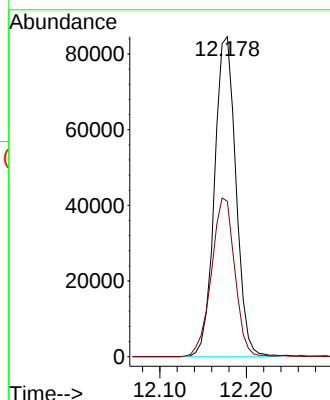
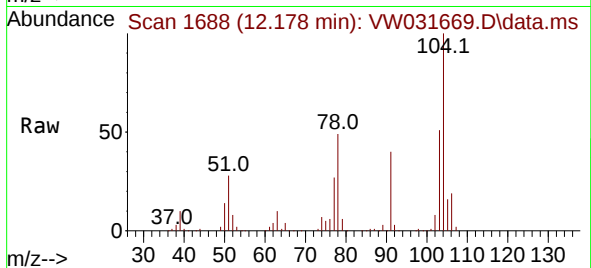
ClientSampleId :

Tgt Ion:104 Resp: 145597

Ion Ratio Lower Upper

104 100

78 48.5 32.0 59.4



#57

1,1,2,2-Tetrachloroethane

Concen: 23.254 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW031669.D

Acq: 30 Jan 2025 20:11

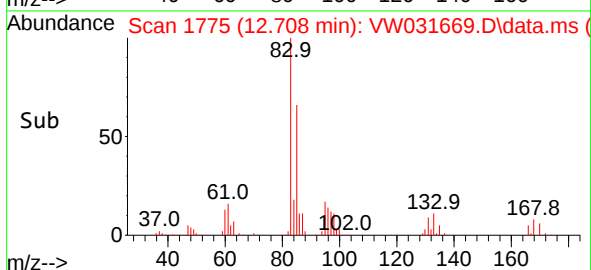
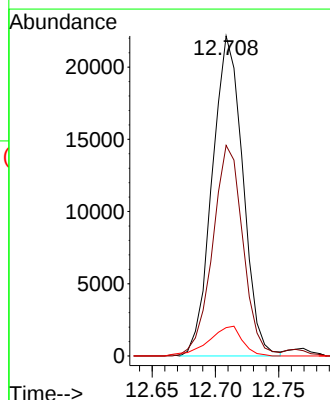
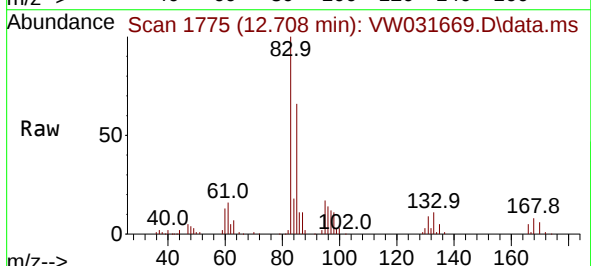
Tgt Ion: 83 Resp: 37291

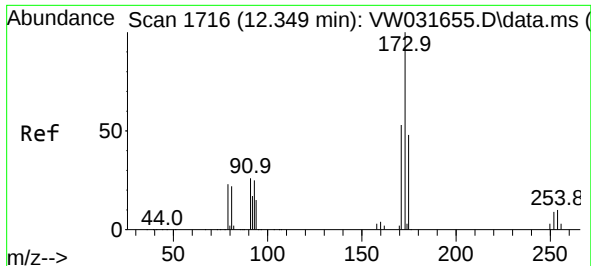
Ion Ratio Lower Upper

83 100

85 65.8 44.1 81.9

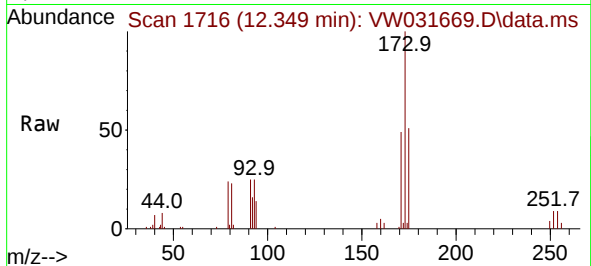
131 8.8 7.4 11.0



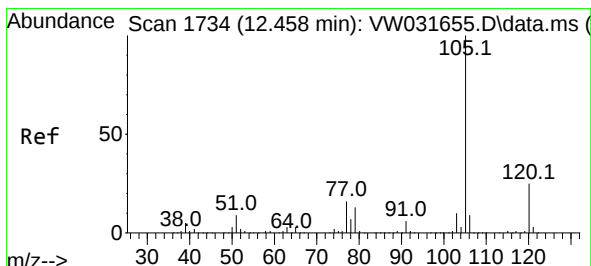
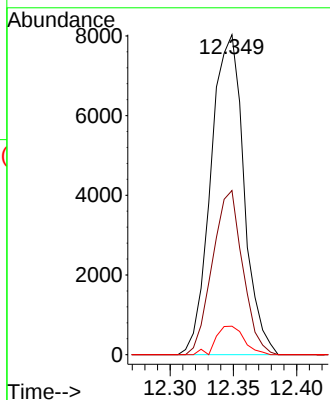
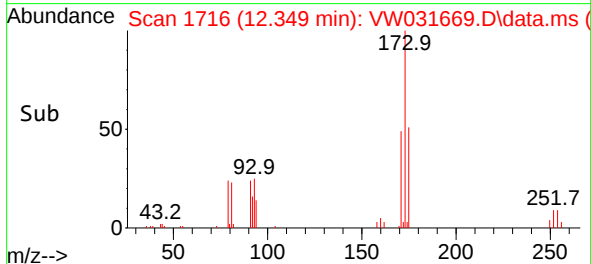


#59
Bromoform
Concen: 19.658 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11

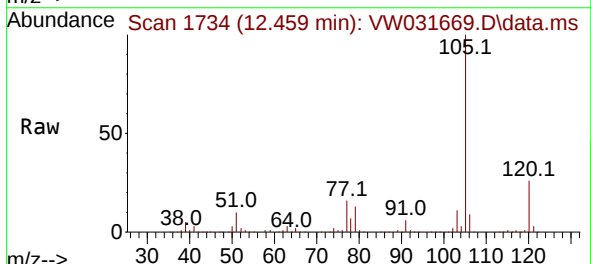
Instrument :
MSVOA_W
ClientSampleId :



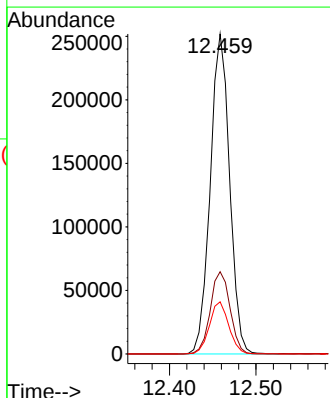
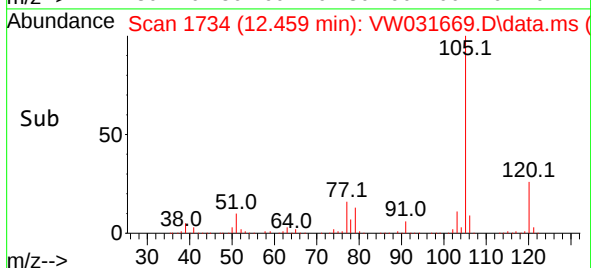
Tgt Ion:173 Resp: 14566
Ion Ratio Lower Upper
173 100
175 47.1 37.7 56.5
254 7.3 7.1 10.7

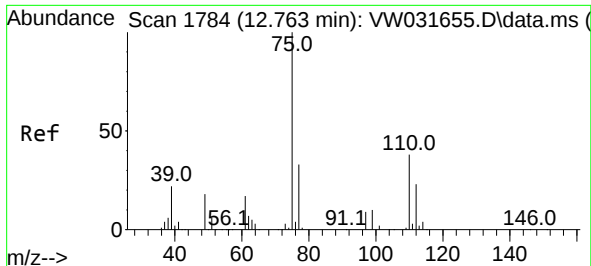


#60
Isopropylbenzene
Concen: 40.266 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11



Tgt Ion:105 Resp: 391161
Ion Ratio Lower Upper
105 100
120 26.2 20.1 30.1
77 16.3 12.7 19.1





#61

1,2,3-Trichloropropane

Concen: 28.747 ug/L

RT: 12.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031669.D

Acq: 30 Jan 2025 20:11

Instrument :

MSVOA_W

ClientSampleId :

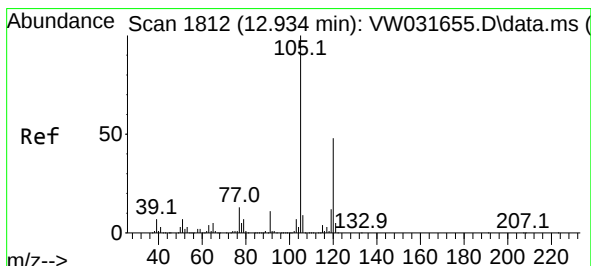
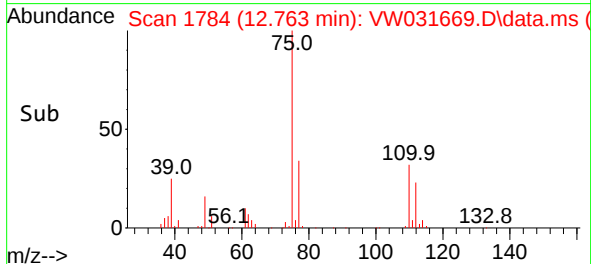
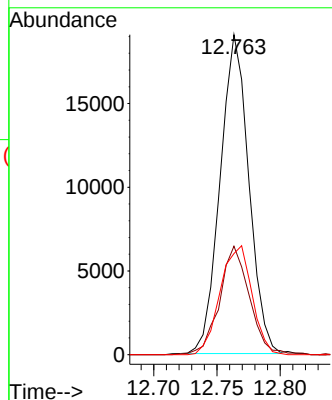
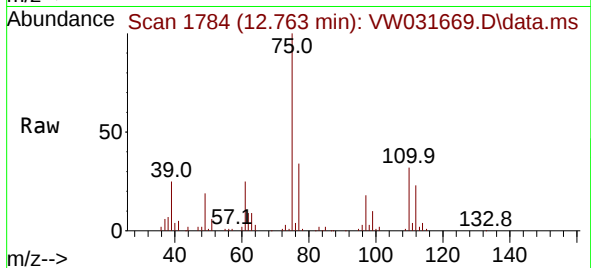
Tgt Ion: 75 Resp: 30020

Ion Ratio Lower Upper

75 100

77 35.5 26.2 39.2

110 37.8 29.6 44.4



#62

1,3,5-Trimethylbenzene

Concen: 34.970 ug/L

RT: 12.934 min Scan# 1812

Delta R.T. 0.000 min

Lab File: VW031669.D

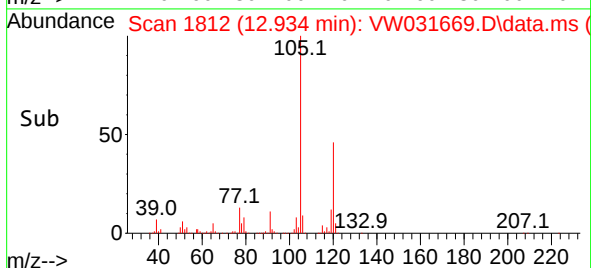
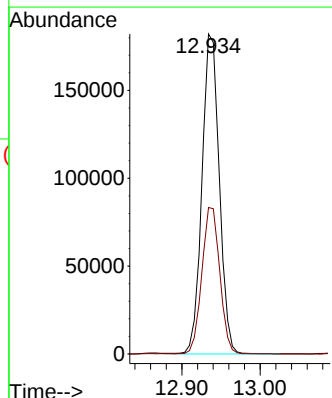
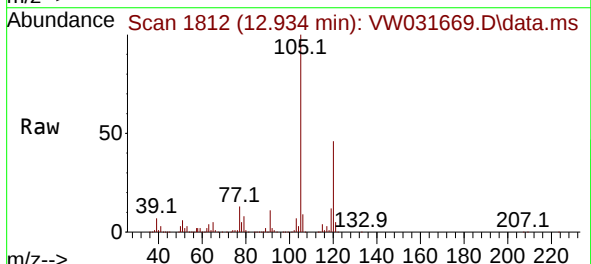
Acq: 30 Jan 2025 20:11

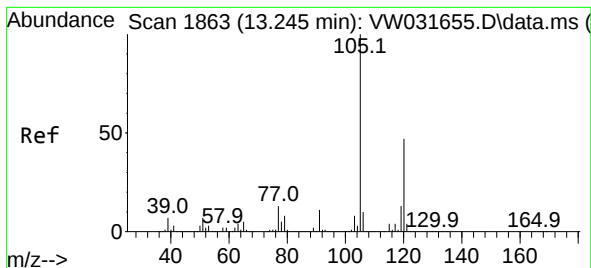
Tgt Ion:105 Resp: 279720

Ion Ratio Lower Upper

105 100

120 47.4 37.6 56.4





#63

1,2,4-Trimethylbenzene

Concen: 30.003 ug/L

RT: 13.245 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031669.D

Acq: 30 Jan 2025 20:11

Instrument :

MSVOA_W

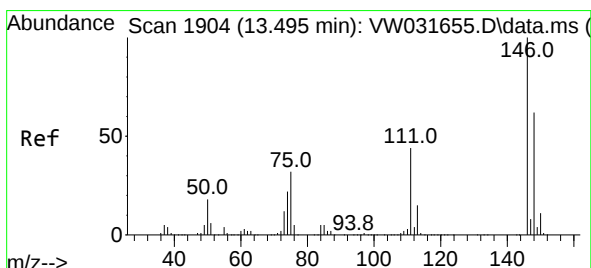
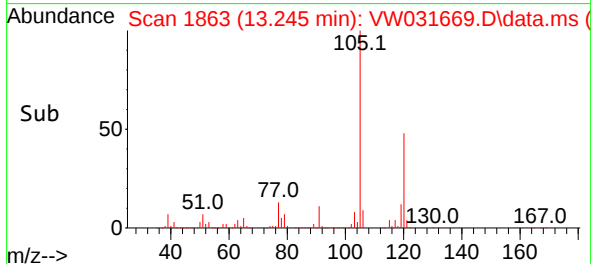
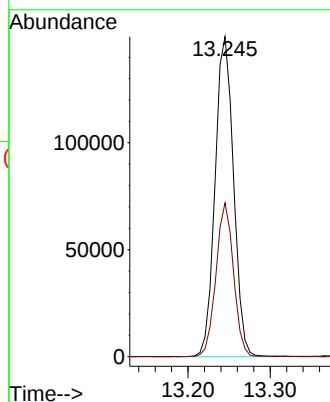
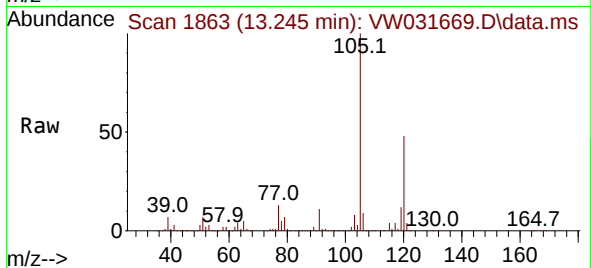
ClientSampleId :

Tgt Ion:105 Resp: 233584

Ion Ratio Lower Upper

105 100

120 45.5 36.3 54.5



#64

1,3-Dichlorobenzene

Concen: 24.959 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031669.D

Acq: 30 Jan 2025 20:11

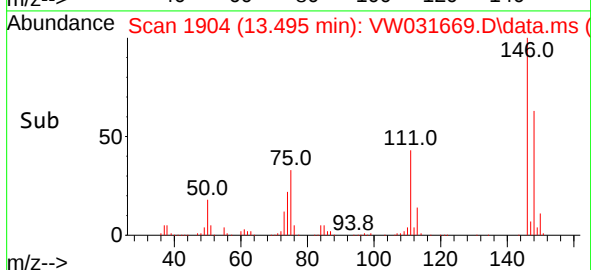
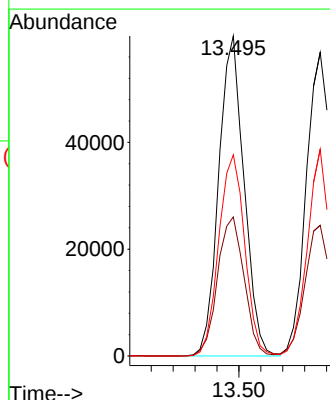
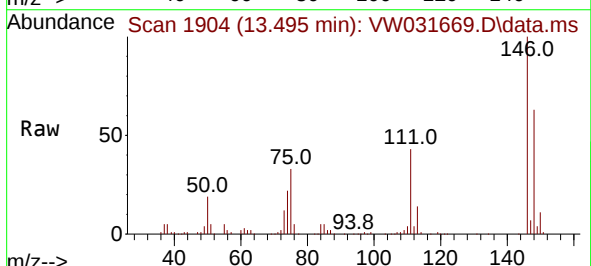
Tgt Ion:146 Resp: 96168

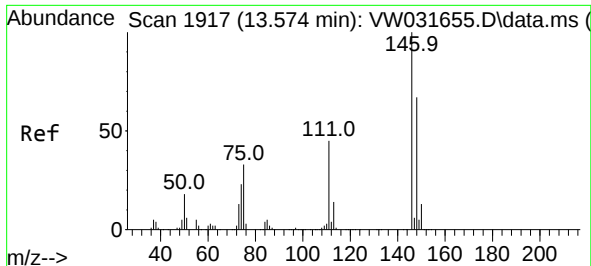
Ion Ratio Lower Upper

146 100

111 43.5 30.4 56.5

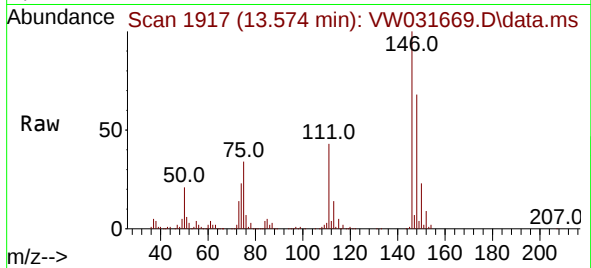
148 62.9 42.1 78.1



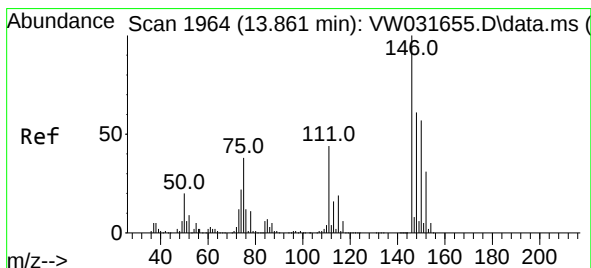
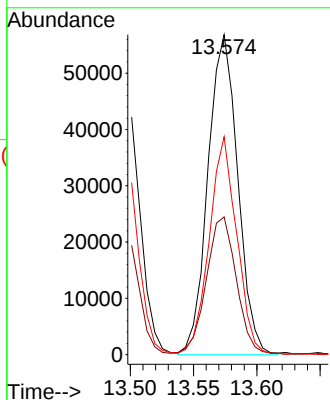
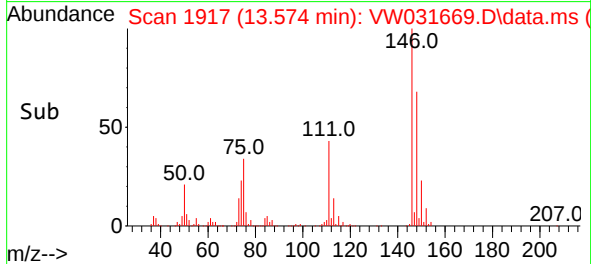


#65
1,4-Dichlorobenzene
Concen: 24.464 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11

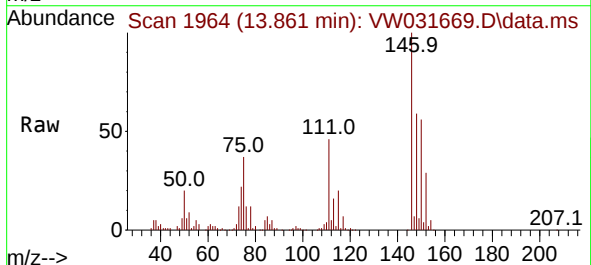
Instrument :
MSVOA_W
ClientSampleId :



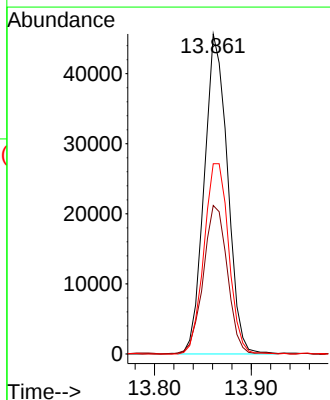
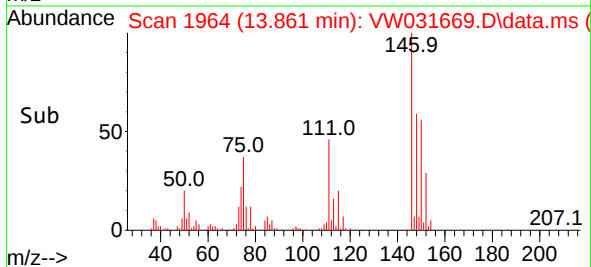
Tgt Ion:146 Resp: 93223
Ion Ratio Lower Upper
146 100
111 43.1 28.5 52.9
148 68.1 45.4 84.4

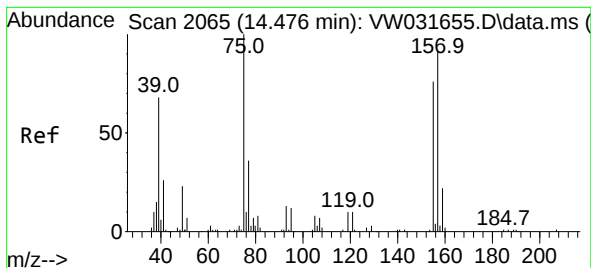


#67
1,2-Dichlorobenzene
Concen: 23.233 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11



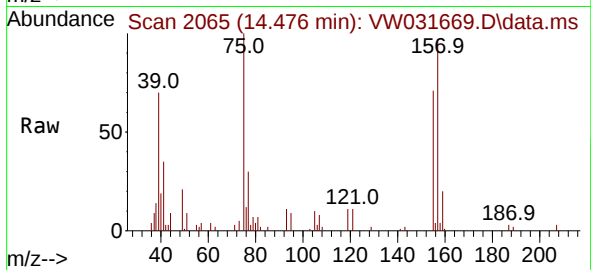
Tgt Ion:146 Resp: 76442
Ion Ratio Lower Upper
146 100
111 46.4 36.6 55.0
148 59.4 51.0 76.4



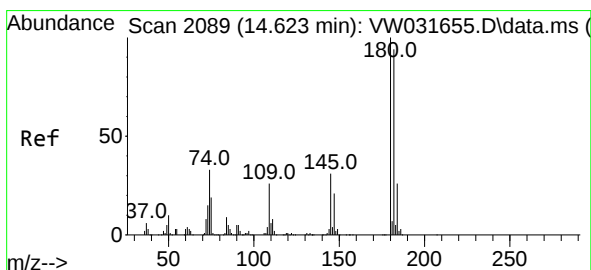
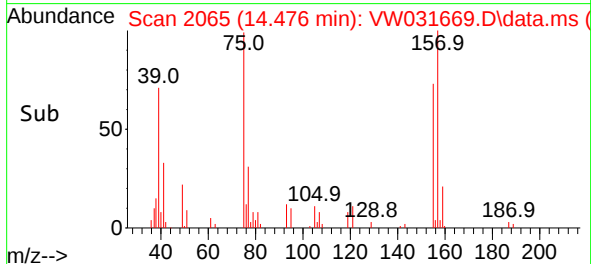
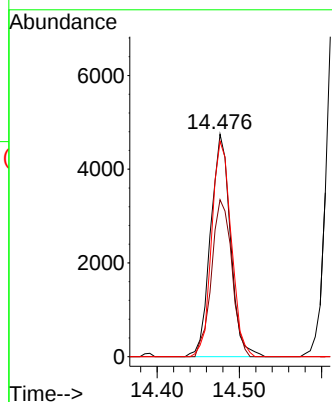


#68
 1,2-Dibromo-3-chloropropane
 Concen: 34.124 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VW031669.D
 Acq: 30 Jan 2025 20:11

Instrument :
 MSVOA_W
 ClientSampleId :

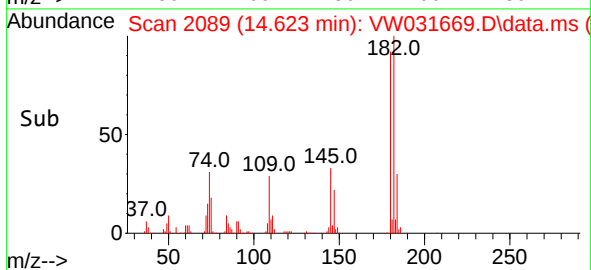
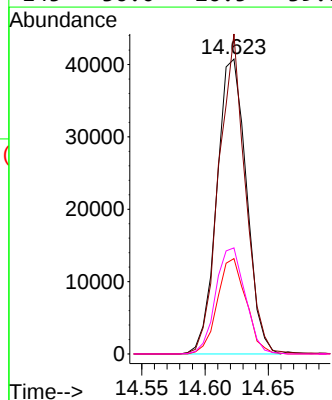
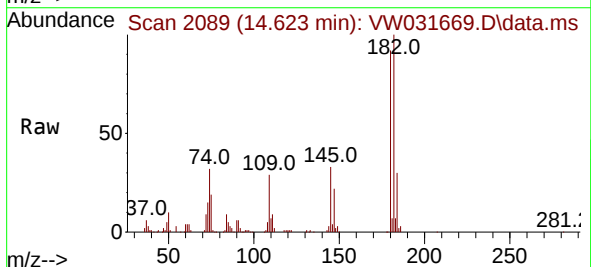


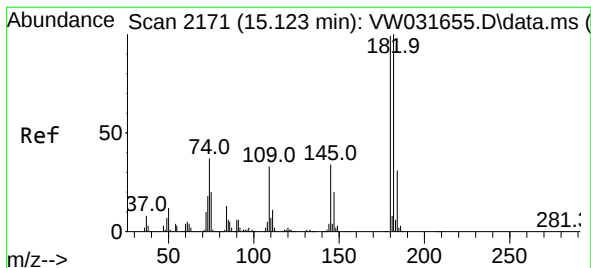
Tgt Ion: 75 Resp: 7967
 Ion Ratio Lower Upper
 75 100
 155 70.6 51.0 76.4
 157 96.8 70.2 105.2



#69
 1,3,5-Trichlorobenzene
 Concen: 25.373 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW031669.D
 Acq: 30 Jan 2025 20:11

Tgt Ion: 180 Resp: 66249
 Ion Ratio Lower Upper
 180 100
 182 96.7 74.2 111.4
 184 31.3 23.0 34.4
 145 36.0 26.5 39.7

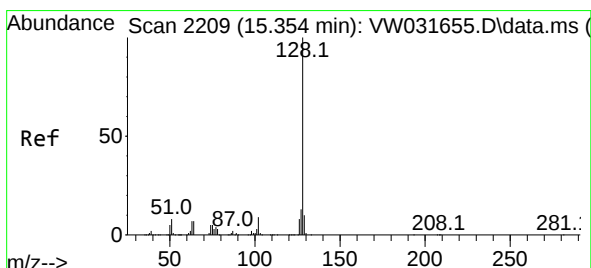
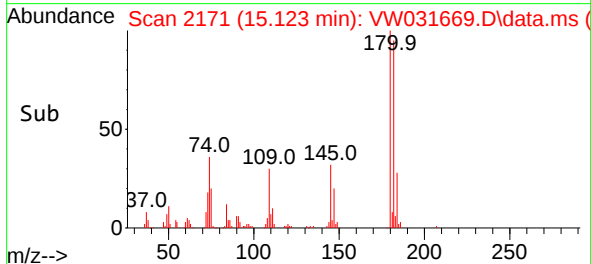
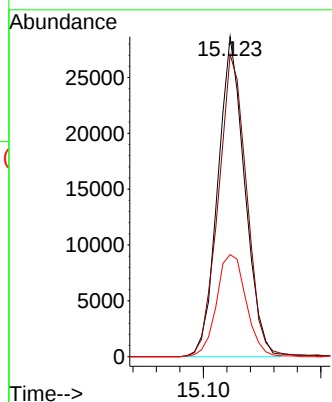
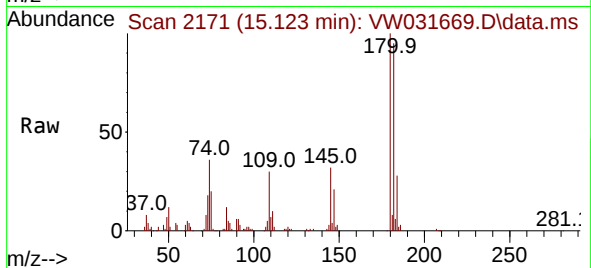




#70
1,2,4-trichlorobenzene
Concen: 21.948 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11

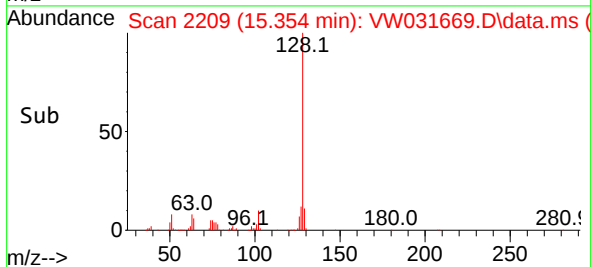
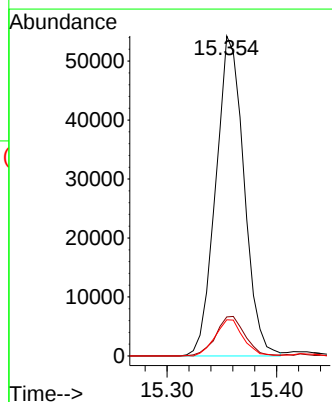
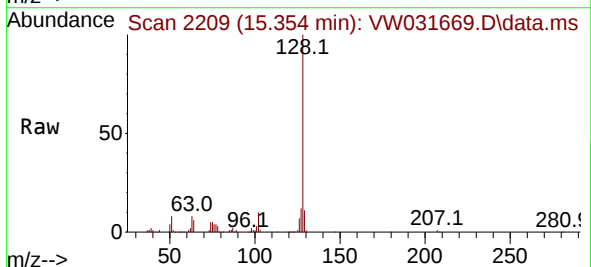
Instrument :
MSVOA_W
ClientSampleId :

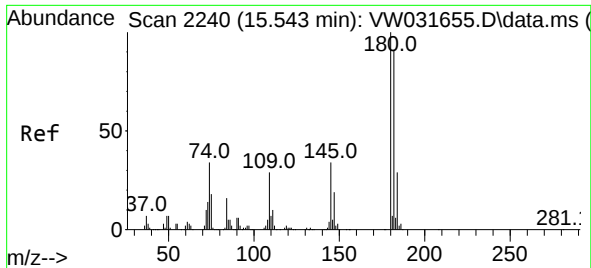
Tgt Ion:180 Resp: 45645
Ion Ratio Lower Upper
180 100
182 99.2 77.7 116.5
145 35.1 26.6 39.8



#71
Naphthalene
Concen: 24.899 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VW031669.D
Acq: 30 Jan 2025 20:11

Tgt Ion:128 Resp: 97098
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.2 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 22.343 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW031669.D
 Acq: 30 Jan 2025 20:11

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	76.9	115.3
145	35.3	30.1	45.1

