

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031626.D
 Acq On : 28 Jan 2025 18:17
 Operator : SY/MD
 Sample : Q1189-09MS
 Misc : 8.25g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 29 07:34:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 28 00:17:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	911001	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	800861	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	361165	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	190865	13.352	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.400%
7) Chloroethane-d5	2.686	69	138	0.014	ug/L	-0.21
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.040%#
11) 1,1-Dichloroethene-d2	4.021	65	96208	15.126	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.520%
21) 2-Butanone-d5	7.087	46	157243	68.427	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.860%#
24) Chloroform-d	7.648	84	469615	19.919	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.680%
26) 1,2-Dichloroethane-d4	8.300	65	263748	22.728	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.920%
32) Benzene-d6	8.270	84	915369	18.196	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.800%
36) 1,2-Dichloropropane-d6	9.270	67	301100	20.272	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.080%
41) Toluene-d8	10.318	98	807301	17.777	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.120%
43) trans-1,3-Dichloroprop...	10.574	79	129794	21.280	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.120%
47) 2-Hexanone-d5	10.922	63	116142	76.624	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.240%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	272991	30.055	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.200%#
66) 1,2-Dichlorobenzene-d4	13.848	152	258265	20.388	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.560%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	214908	18.137	ug/L	96
3) Chloromethane	2.222	50	232874	18.962	ug/L	98
5) Vinyl chloride	2.375	62	275877	17.611	ug/L	98
6) Bromomethane	2.789	94	155399	16.973	ug/L	98
8) Chloroethane	2.929	64	158499	17.213	ug/L	97
9) Trichlorofluoromethane	3.259	101	243387	15.639	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	239706	20.116	ug/L	96
12) 1,1-Dichloroethene	4.045	96	234727	19.363	ug/L	98
14) Carbon disulfide	4.393	76	663934	16.260	ug/L	100
16) Methylene chloride	4.923	84	258315	20.820	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	256657	19.713	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	544226	26.067	ug/L	99
19) 1,1-Dichloroethane	6.215	63	515029	21.025	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	298823	21.496	ug/L	98
22) 2-Butanone	7.173	43	204190	67.601	ug/L	100
23) Bromochloromethane	7.508	128	132368	24.314	ug/L	97
25) Chloroform	7.673	83	511968	21.973	ug/L	96
27) 1,2-Dichloroethane	8.398	62	360720	25.136	ug/L	100
29) Cyclohexane	7.953	56	456982	17.803	ug/L	99

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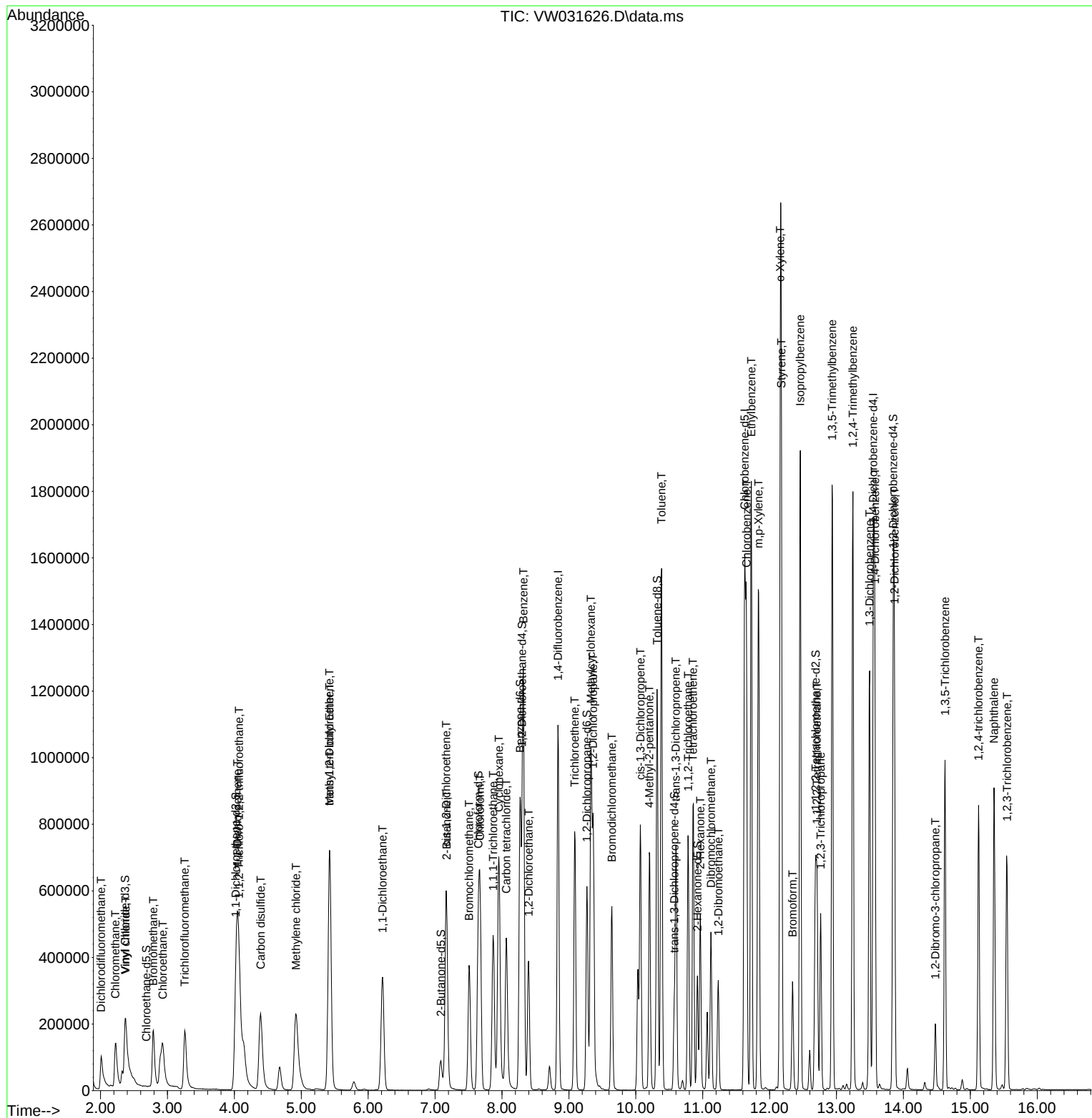
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.868	97	391020	18.808	ug/L	100
31) Carbon tetrachloride	8.063	117	354500	19.232	ug/L	99
33) Benzene	8.319	78	1114410	20.332	ug/L	100
34) Trichloroethene	9.087	95	286022	19.409	ug/L	96
35) Methylcyclohexane	9.331	83	436807	16.533	ug/L	99
37) 1,2-Dichloropropane	9.361	63	303157	22.006	ug/L	99
38) Bromodichloromethane	9.642	83	375724	22.547	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	483812	22.325	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	472387	68.697	ug/L	98
42) Toluene	10.385	91	1145708	19.996	ug/L	95
44) trans-1,3-Dichloropropene	10.599	75	414135	23.908	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	233824	26.480	ug/L	97
46) Tetrachloroethene	10.855	164	186728	17.658	ug/L	93
48) 2-Hexanone	10.965	43	332338	79.089	ug/L	99
49) Dibromochloromethane	11.123	129	244749	25.191	ug/L	91
50) 1,2-Dibromoethane	11.233	107	224837	27.473	ug/L	91
51) Chlorobenzene	11.654	112	724455	20.477	ug/L	99
52) Ethylbenzene	11.727	91	1295024	19.699	ug/L	98
53) m,p-Xylene	11.836	106	486341	19.402	ug/L	96
54) o-Xylene	12.160	106	476773	20.467	ug/L	98
55) Styrene	12.178	104	791586	20.422	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	303114	31.240	ug/L	100
59) Bromoform	12.342	173	137464	28.564	ug/L	100
60) Isopropylbenzene	12.458	105	1233563	19.552	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	224066	33.037	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	1006936	19.382	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	986733	19.515	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	503278	20.112	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	502126	20.288	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	468568	21.927	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	54719	36.087	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	280476	16.539	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	251739	18.637	ug/L	98
71) Naphthalene	15.354	128	746820	29.487	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	230379	20.251	ug/L	94

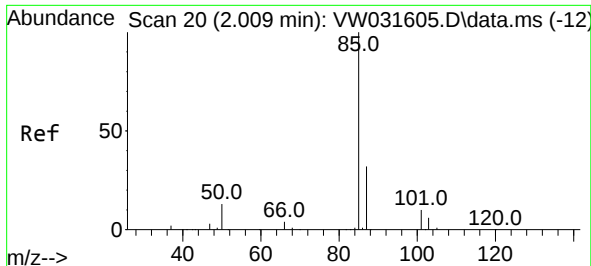
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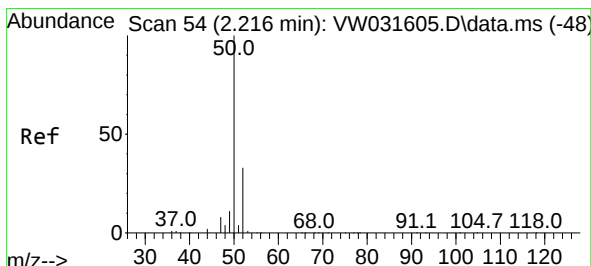
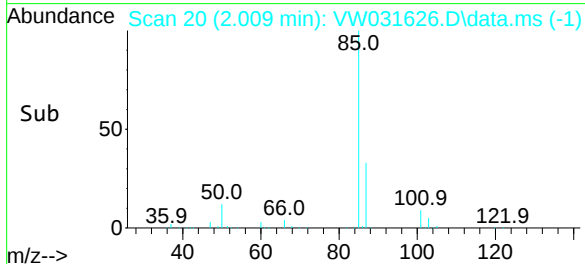
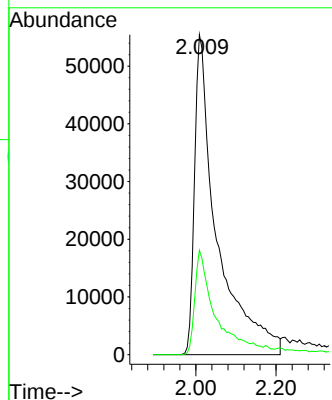
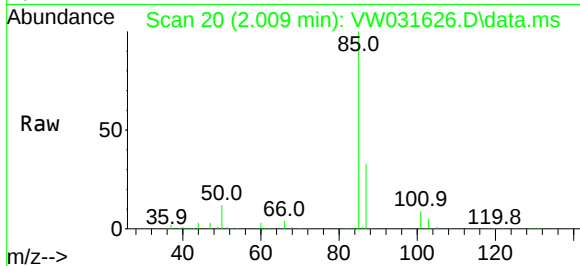




#2
Dichlorodifluoromethane
Concen: 18.137 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

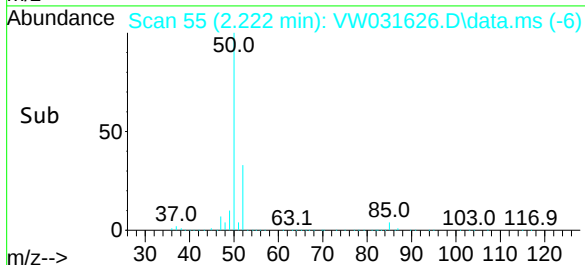
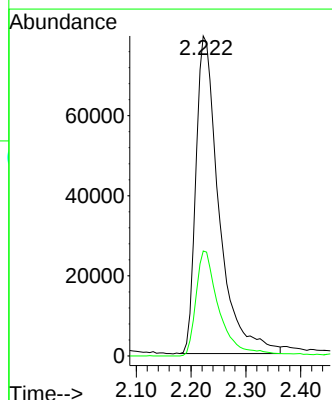
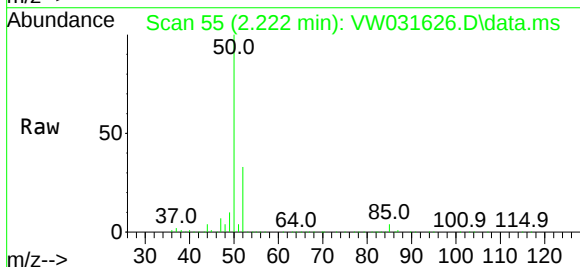
Instrument :
MSVOA_W
ClientSampleId :

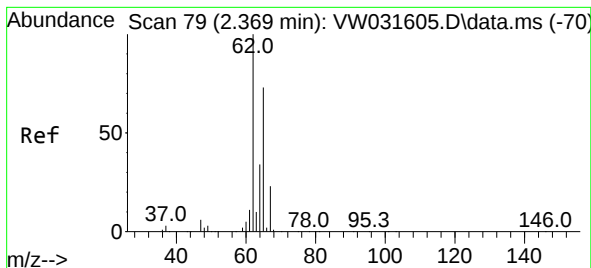
Tgt Ion: 85 Resp: 214908
Ion Ratio Lower Upper
85 100
87 28.8 25.0 37.4



#3
Chloromethane
Concen: 18.962 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Tgt Ion: 50 Resp: 232874
Ion Ratio Lower Upper
50 100
52 32.8 22.3 41.3





#5

Vinyl chloride

Concen: 17.611 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.006 min

Lab File: VW031626.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_W

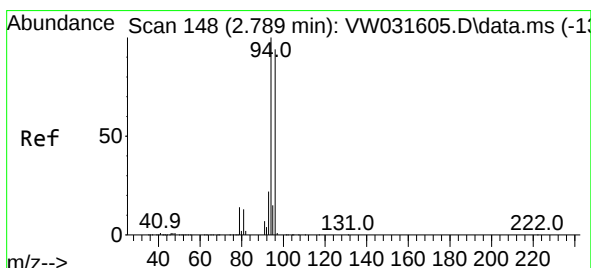
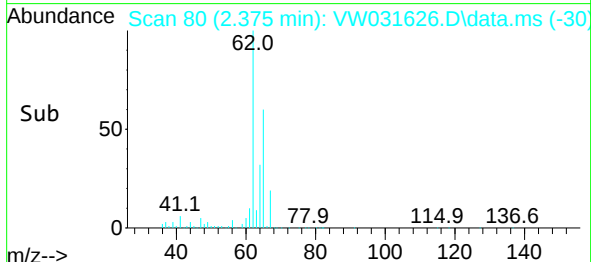
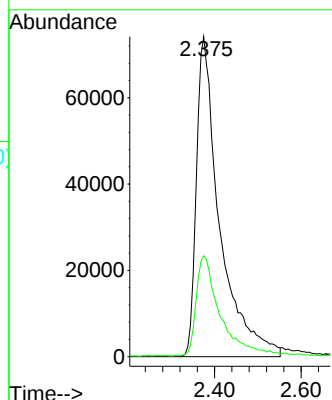
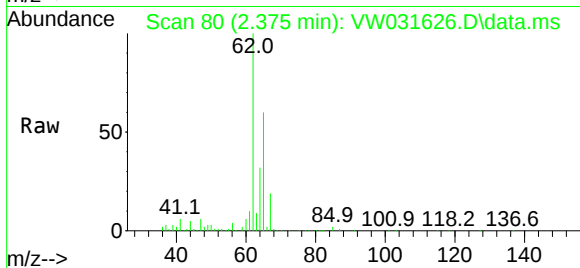
ClientSampleId :

Tgt Ion: 62 Resp: 275877

Ion Ratio Lower Upper

62 100

64 31.6 22.7 42.3



#6

Bromomethane

Concen: 16.973 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW031626.D

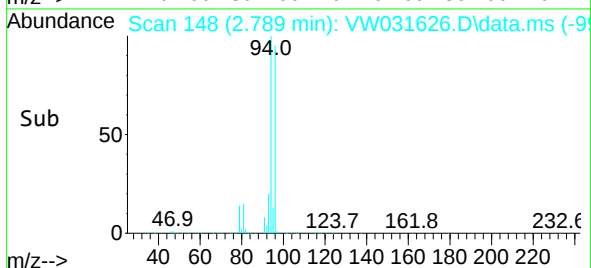
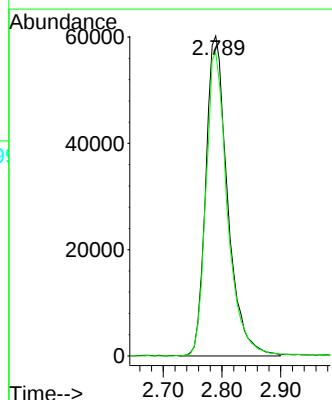
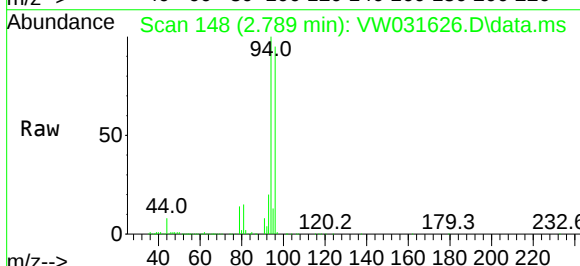
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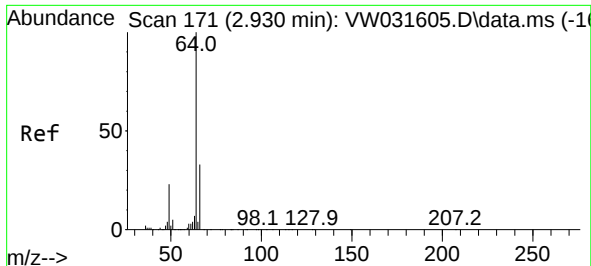
Tgt Ion: 94 Resp: 155399

Ion Ratio Lower Upper

94 100

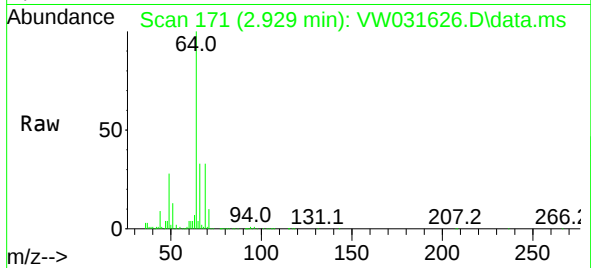
96 94.8 67.6 125.6



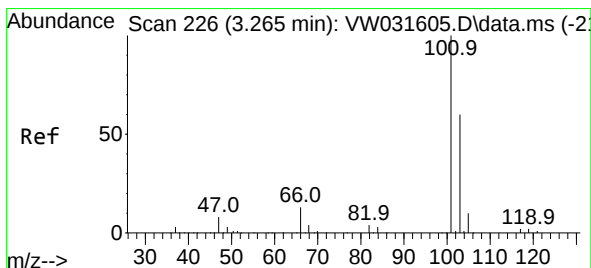
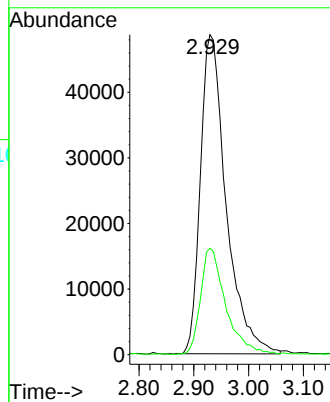
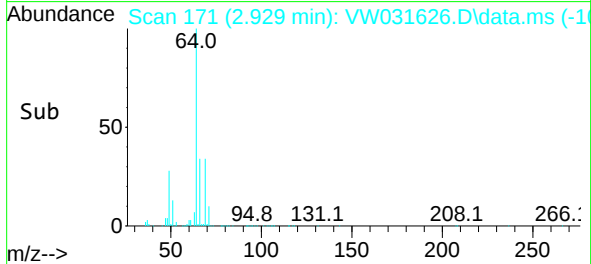


#8
Chloroethane
Concen: 17.213 ug/L
RT: 2.929 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Instrument :
MSVOA_W
ClientSampleId :

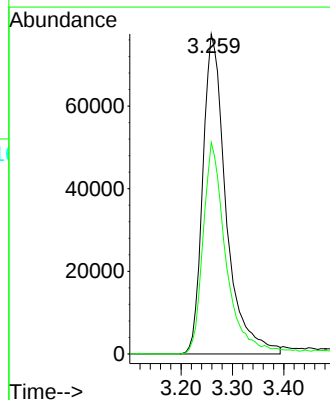
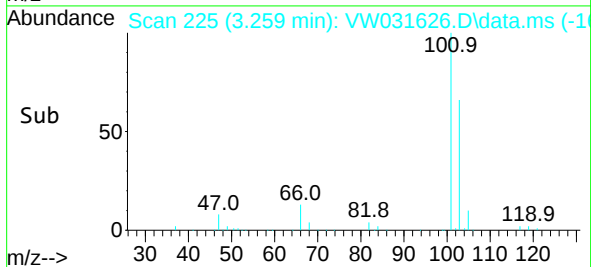
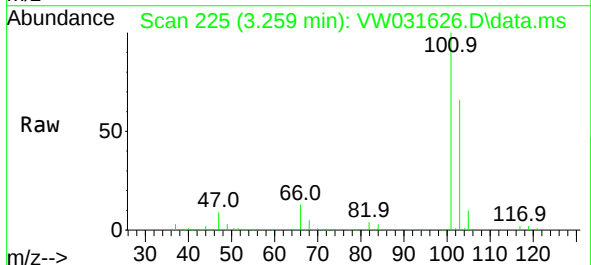


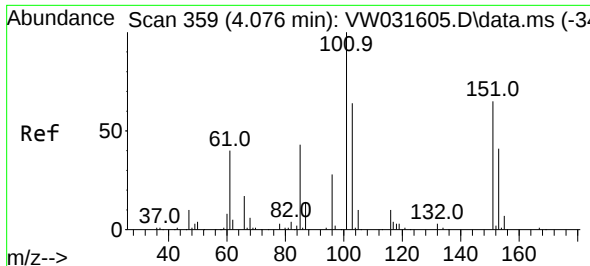
Tgt Ion: 64 Resp: 158499
Ion Ratio Lower Upper
64 100
66 33.3 22.3 41.3



#9
Trichlorofluoromethane
Concen: 15.639 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.012 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Tgt Ion:101 Resp: 243387
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2

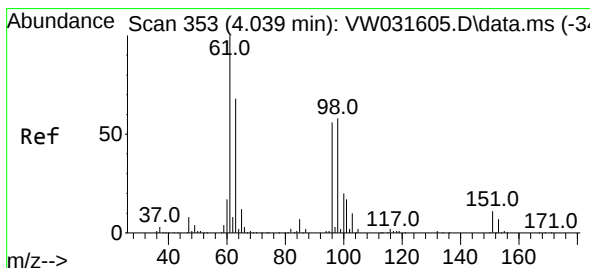
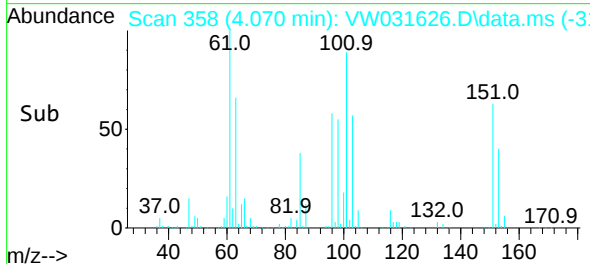
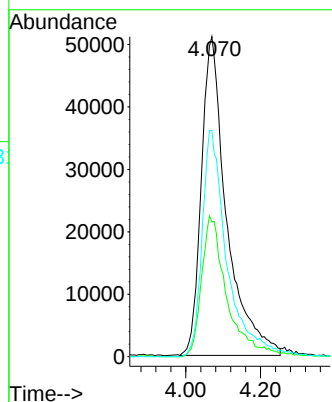
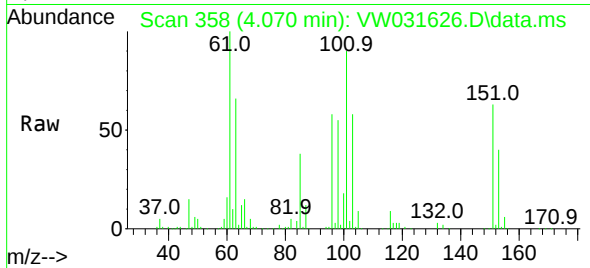




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.116 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW031626.D
 Acq: 28 Jan 2025 18:17

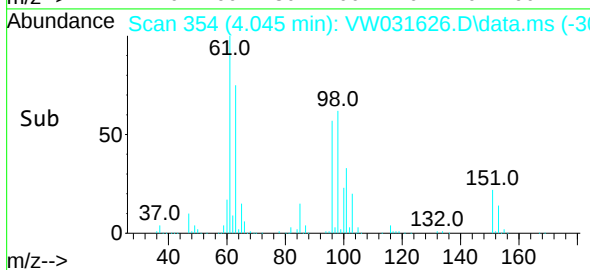
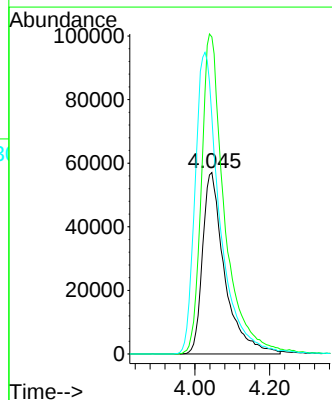
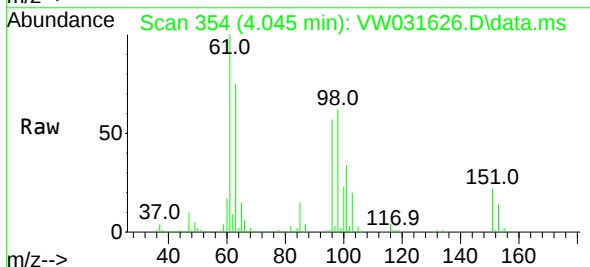
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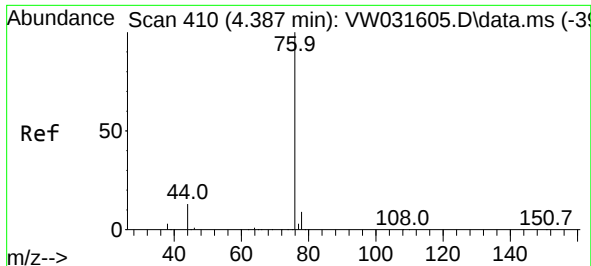
Tgt Ion:101 Resp: 239706
 Ion Ratio Lower Upper
 101 100
 85 41.4 36.1 54.1
 151 69.3 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 19.363 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW031626.D
 Acq: 28 Jan 2025 18:17

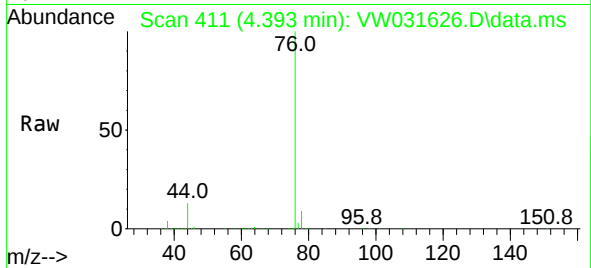
Tgt Ion: 96 Resp: 234727
 Ion Ratio Lower Upper
 96 100
 61 174.7 123.8 230.0
 63 130.6 94.1 174.8



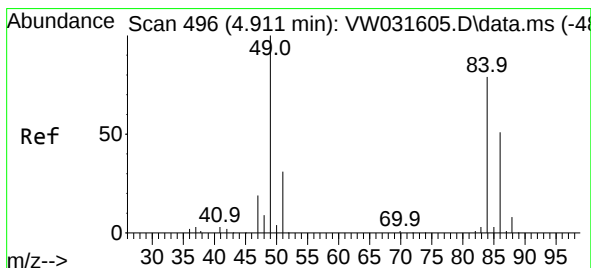
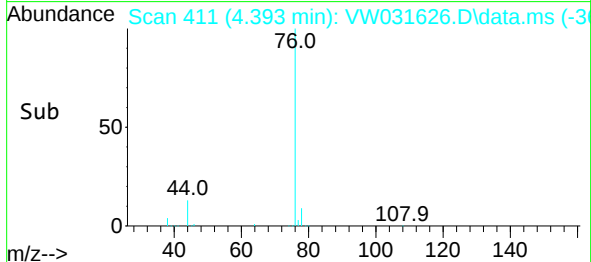
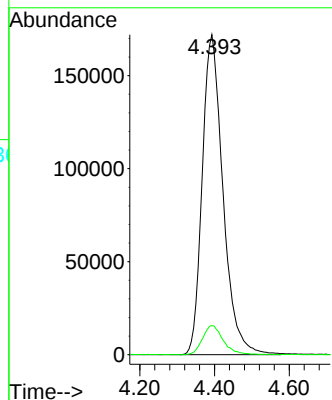


#14
Carbon disulfide
Concen: 16.260 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW031626.D
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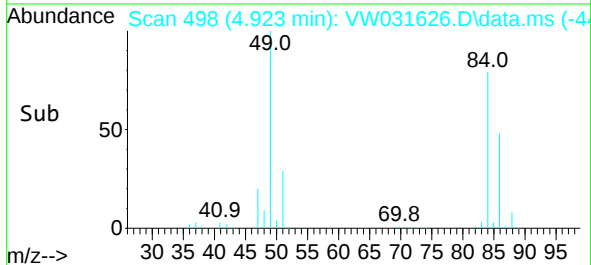
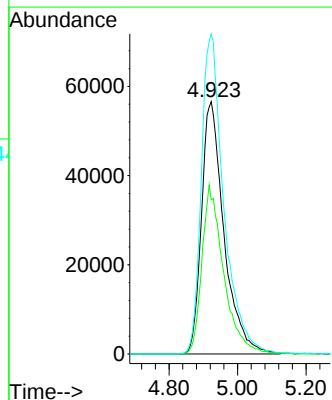
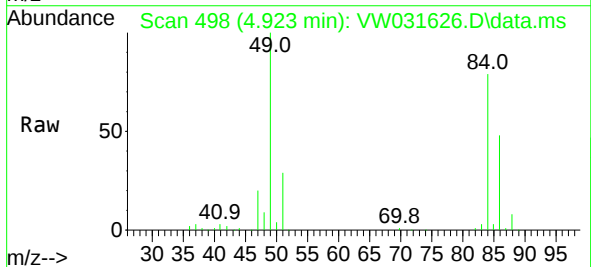


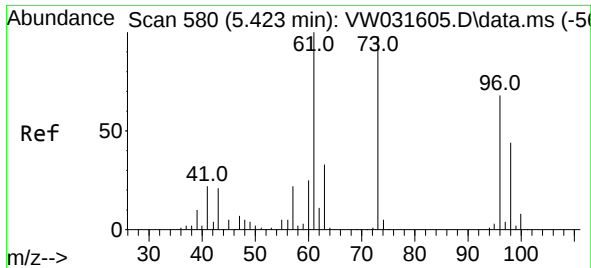
Tgt Ion: 76 Resp: 663934
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#16
Methylene chloride
Concen: 20.820 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW031626.D
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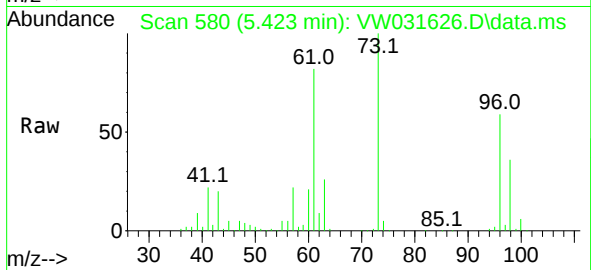
Tgt Ion: 84 Resp: 258315
Ion Ratio Lower Upper
84 100
86 61.0 47.0 87.2
49 126.8 89.8 166.8





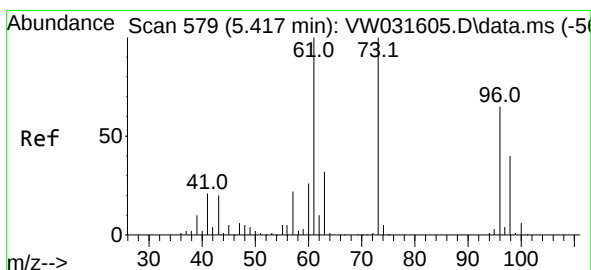
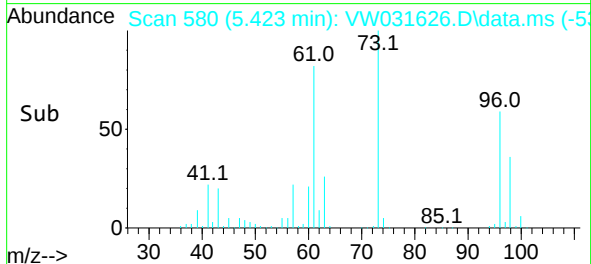
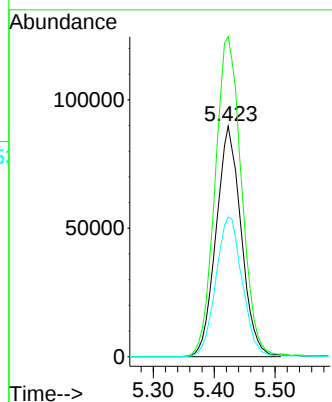
#17
trans-1,2-Dichloroethene
Concen: 19.713 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 256657

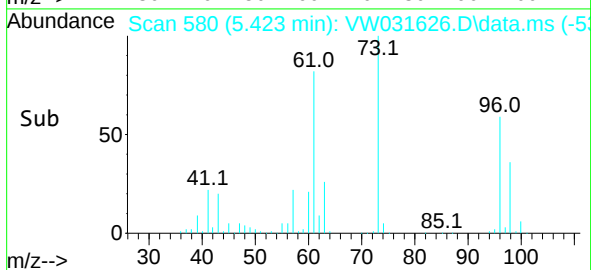
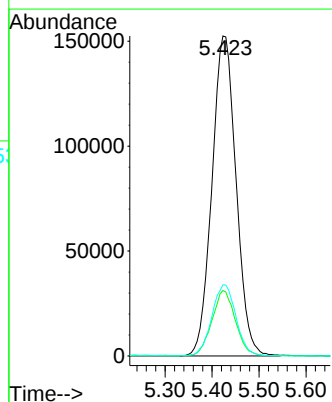
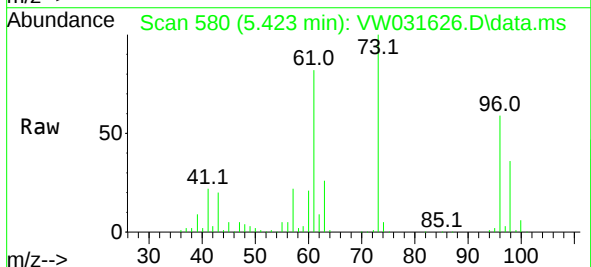
Ion	Ratio	Lower	Upper
96	100		
61	138.8	105.1	195.1
98	60.6	44.9	83.3

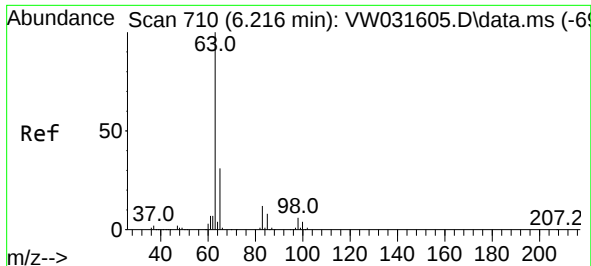


#18
Methyl tert-butyl Ether
Concen: 26.067 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Tgt Ion: 73 Resp: 544226

Ion	Ratio	Lower	Upper
73	100		
43	19.8	16.4	24.6
57	22.2	18.2	27.2





#19

1,1-Dichloroethane

Concen: 21.025 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.006 min

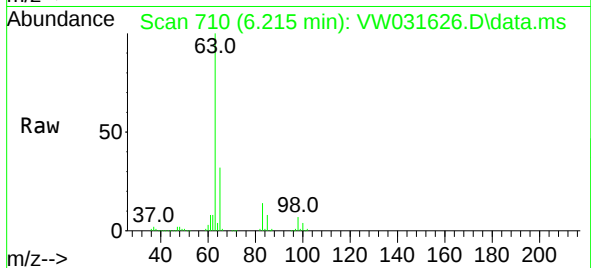
Lab File: VW031626.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_W

ClientSampleId :



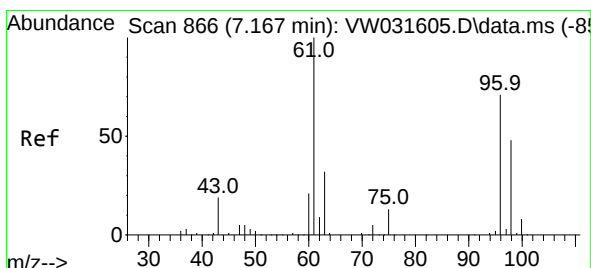
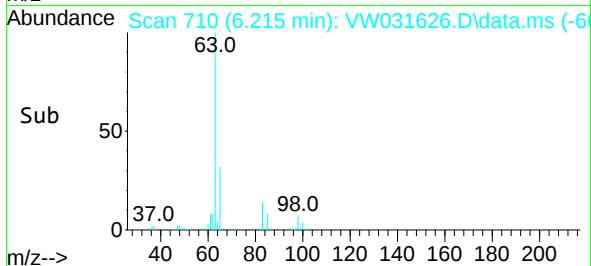
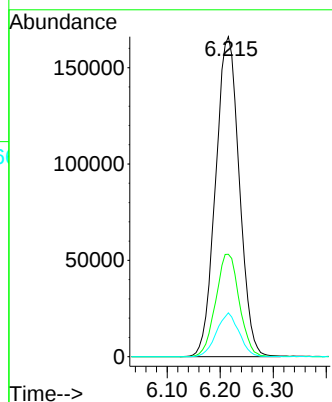
Tgt Ion: 63 Resp: 515029

Ion Ratio Lower Upper

63 100

65 32.0 22.0 41.0

83 13.7 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 21.496 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW031626.D

Acq: 28 Jan 2025 18:17

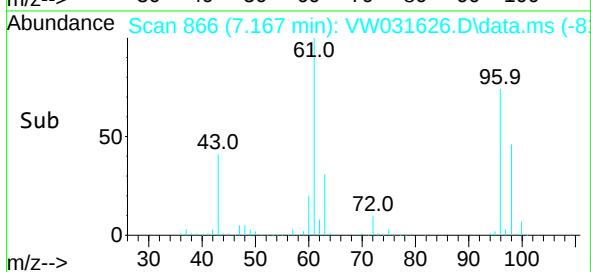
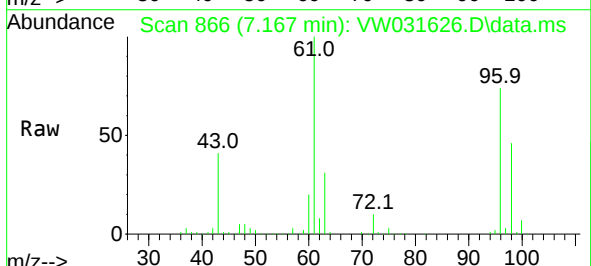
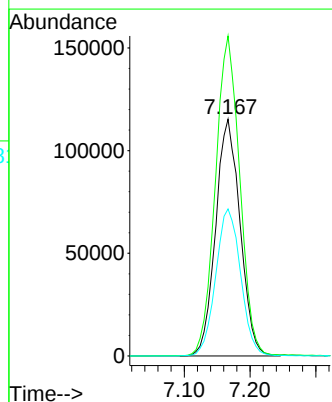
Tgt Ion: 96 Resp: 298823

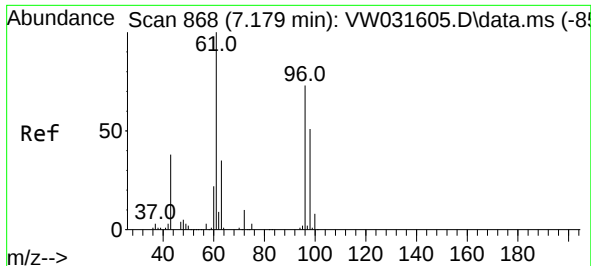
Ion Ratio Lower Upper

96 100

61 135.1 94.8 176.2

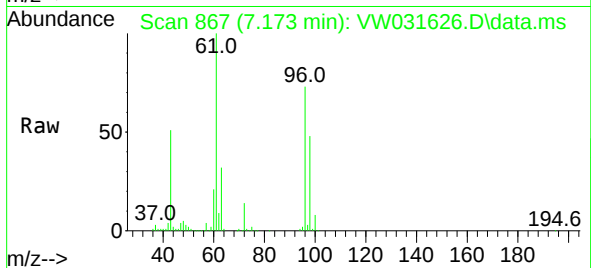
98 62.1 45.6 84.8



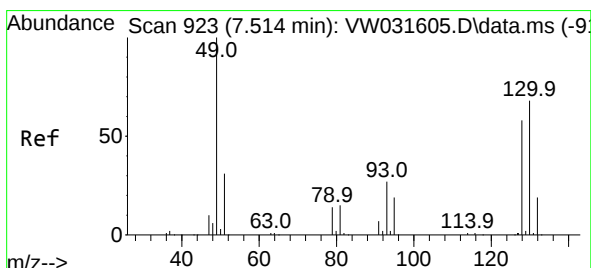
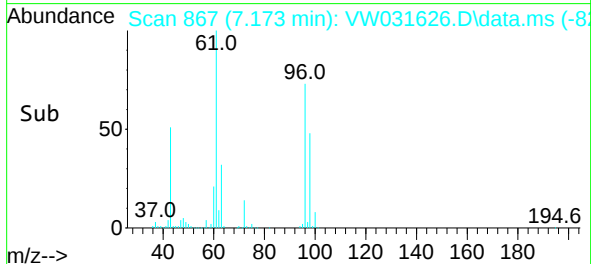
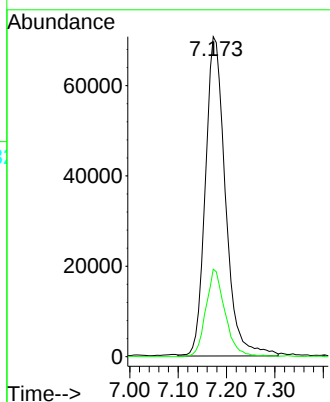


#22
2-Butanone
Concen: 67.601 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.012 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Instrument :
MSVOA_W
ClientSampled :

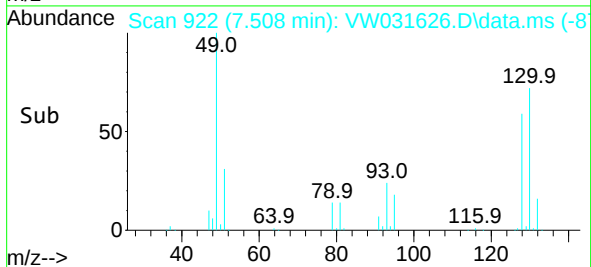
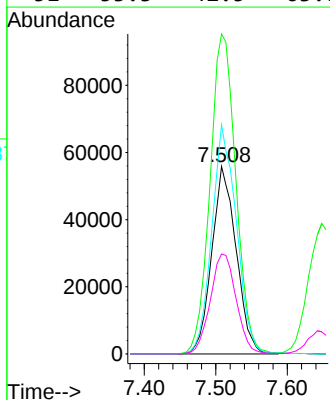
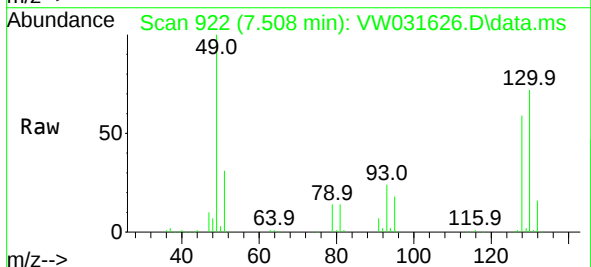


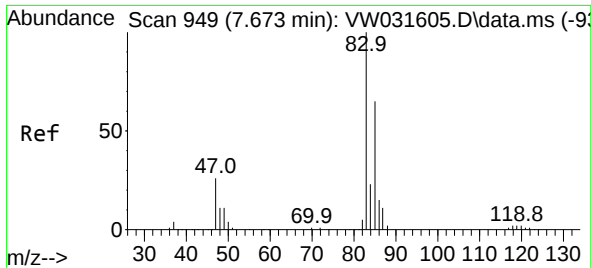
Tgt Ion: 43 Resp: 204190
Ion Ratio Lower Upper
43 100
72 26.1 13.2 39.5



#23
Bromochloromethane
Concen: 24.314 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Tgt Ion: 128 Resp: 132368
Ion Ratio Lower Upper
128 100
49 170.6 123.9 230.1
130 122.2 88.1 163.7
51 53.3 42.5 63.7

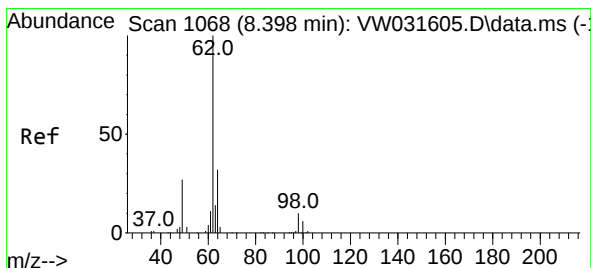
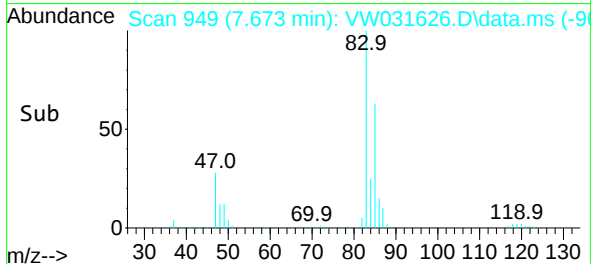
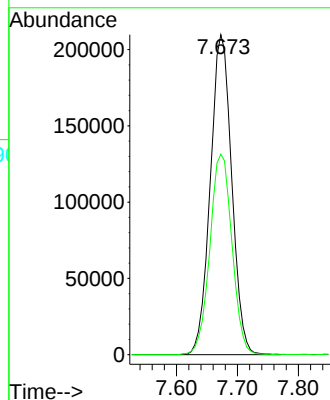
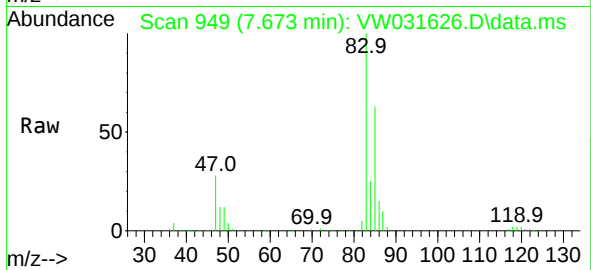




#25
Chloroform
Concen: 21.973 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

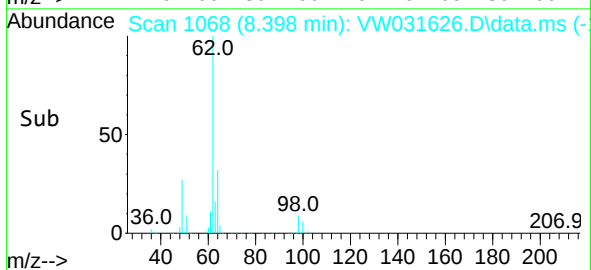
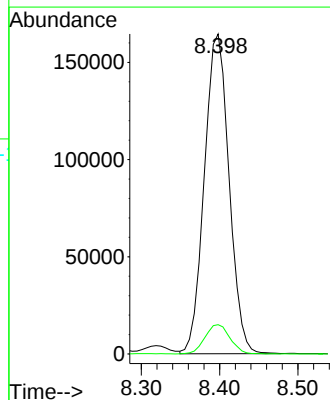
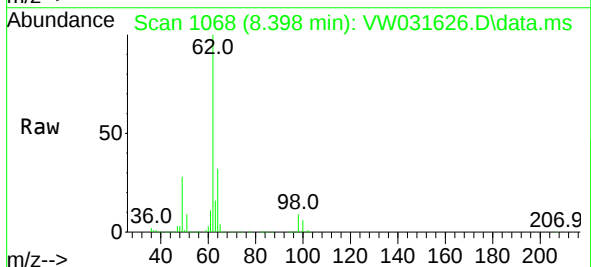
Instrument :
MSVOA_W
ClientSampleId :

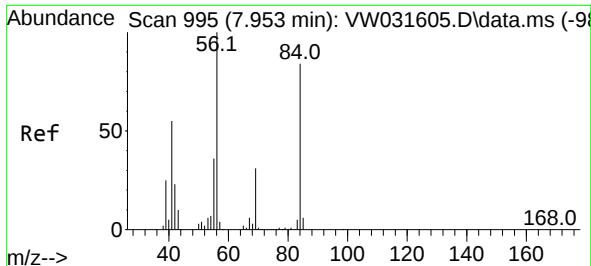
Tgt Ion: 83 Resp: 511968
Ion Ratio Lower Upper
83 100
85 62.7 46.2 85.8



#27
1,2-Dichloroethane
Concen: 25.136 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

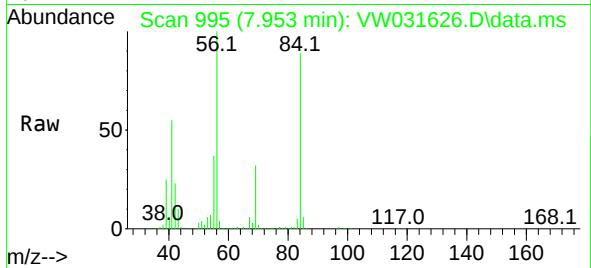
Tgt Ion: 62 Resp: 360720
Ion Ratio Lower Upper
62 100
98 9.1 7.3 10.9



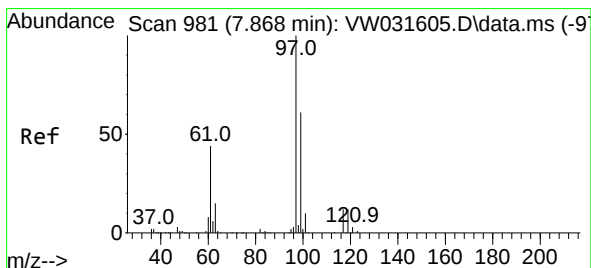
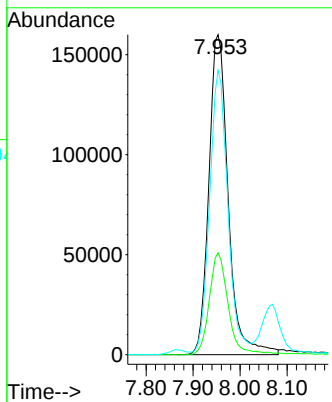
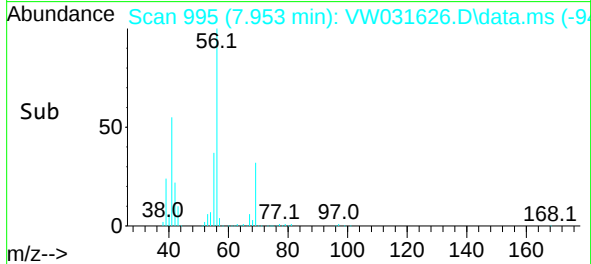


#29
Cyclohexane
Concen: 17.803 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Instrument :
MSVOA_W
ClientSampleId :

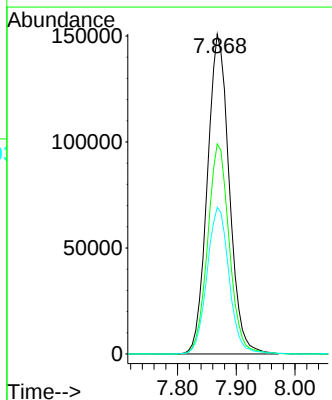
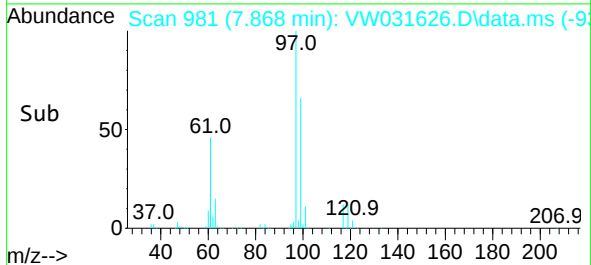
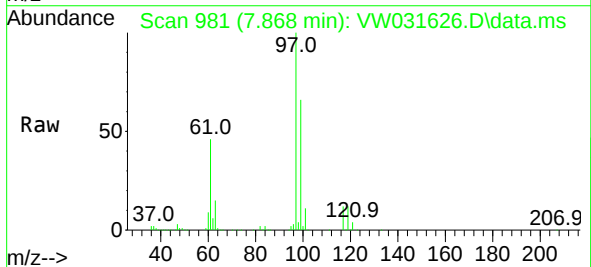


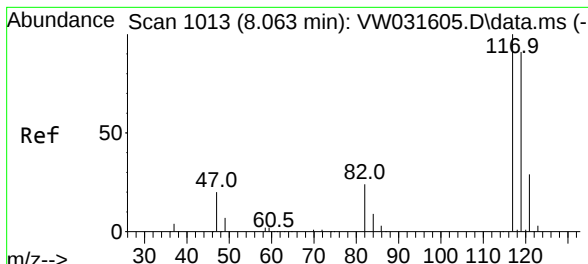
Tgt Ion: 56 Resp: 456982
Ion Ratio Lower Upper
56 100
69 30.6 25.2 37.8
84 82.8 66.3 99.5



#30
1,1,1-Trichloroethane
Concen: 18.808 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

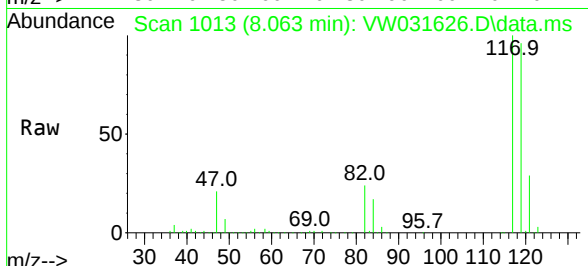
Tgt Ion: 97 Resp: 391020
Ion Ratio Lower Upper
97 100
99 64.8 52.2 78.4
61 46.1 36.9 55.3



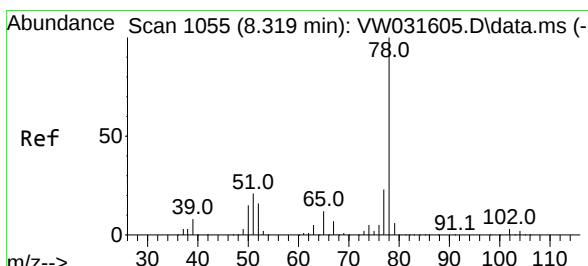
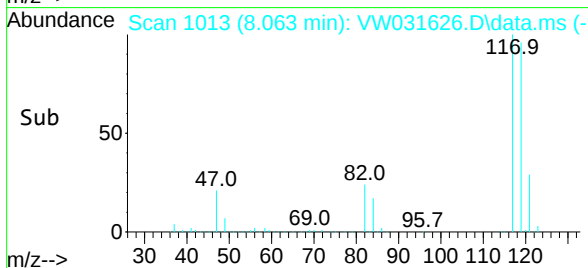
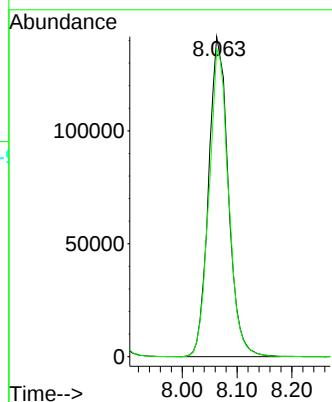


#31
Carbon tetrachloride
Concen: 19.232 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Instrument :
MSVOA_W
ClientSampleId :

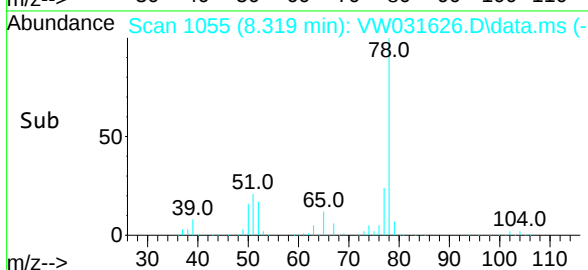
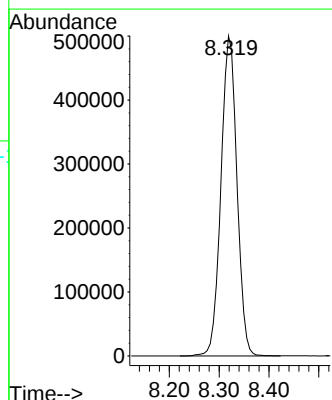
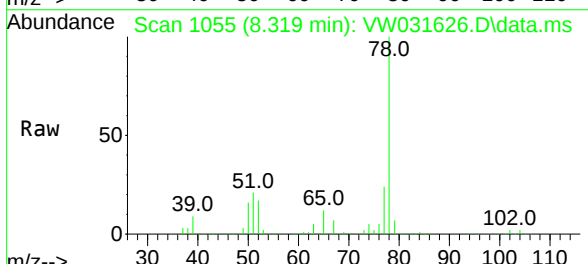


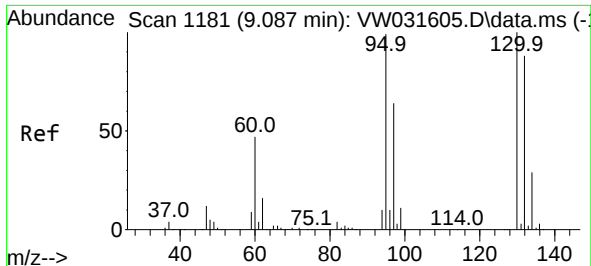
Tgt Ion:117 Resp: 354500
Ion Ratio Lower Upper
117 100
119 95.3 77.4 116.0



#33
Benzene
Concen: 20.332 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

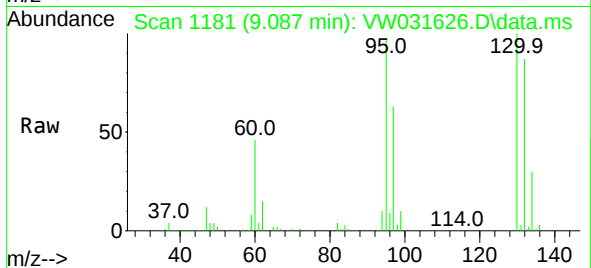
Tgt Ion: 78 Resp: 1114410



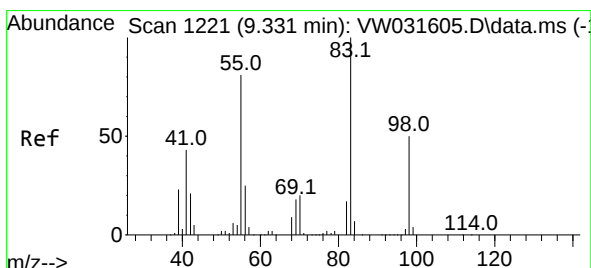
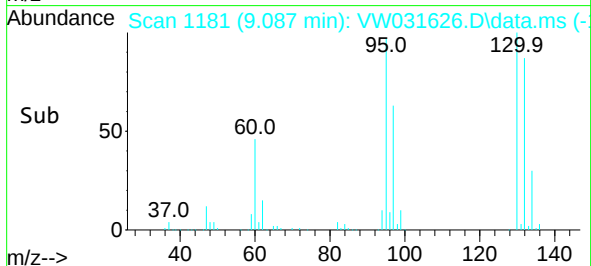
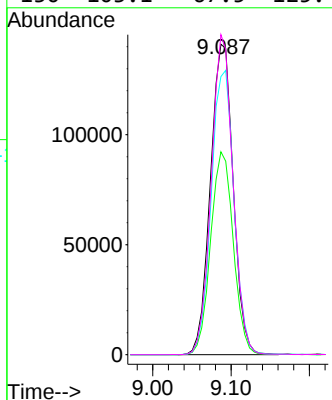


#34
Trichloroethene
Concen: 19.409 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Instrument :
MSVOA_W
ClientSampleId :

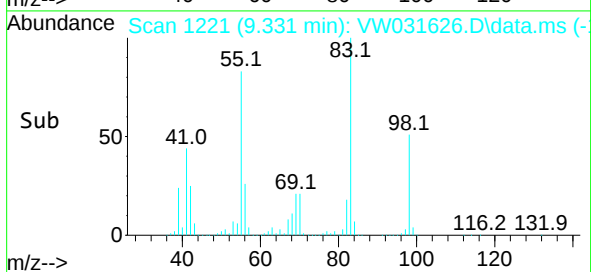
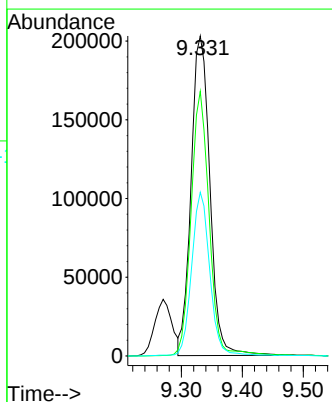
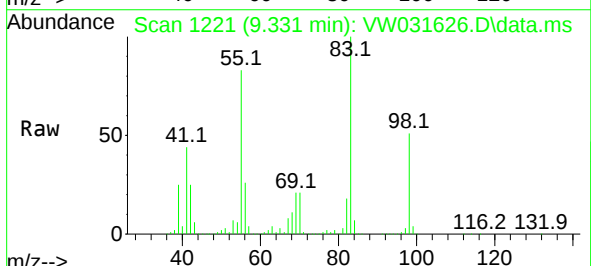


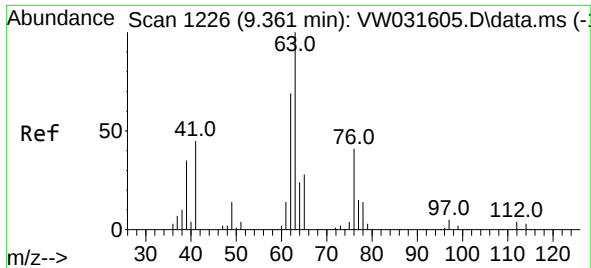
Tgt Ion: 95 Resp: 286022
Ion Ratio Lower Upper
95 100
97 65.4 44.0 81.6
132 89.6 64.6 120.0
130 103.1 67.5 125.4



#35
Methylcyclohexane
Concen: 16.533 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

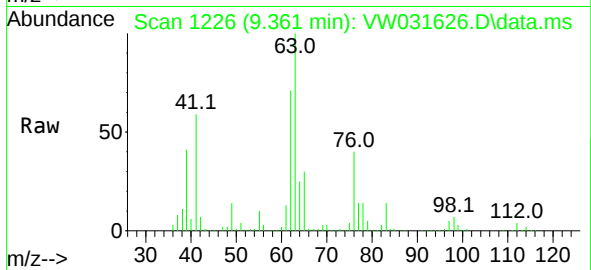
Tgt Ion: 83 Resp: 436807
Ion Ratio Lower Upper
83 100
55 79.9 63.4 95.2
98 48.9 38.8 58.2



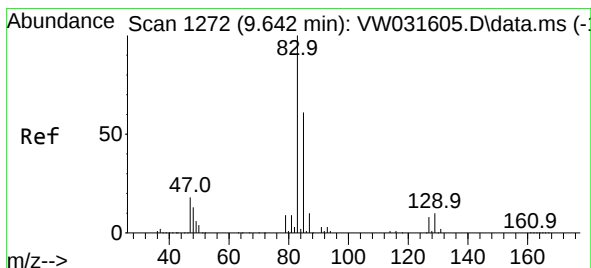
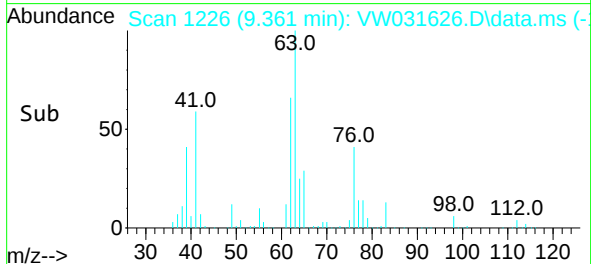
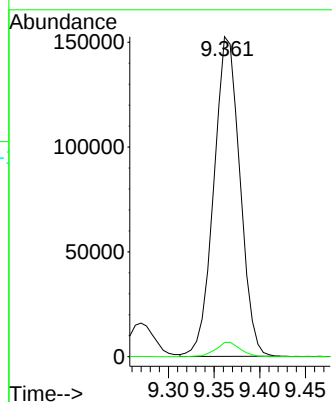


#37
1,2-Dichloropropane
Concen: 22.006 ug/L
RT: 9.361 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Instrument :
MSVOA_W
ClientSampleId :

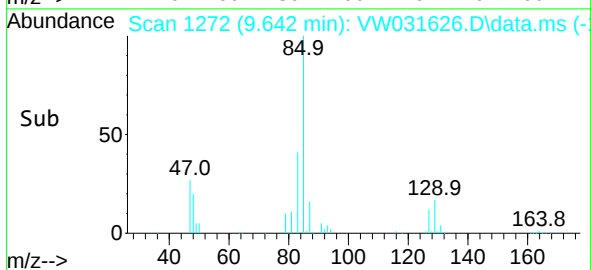
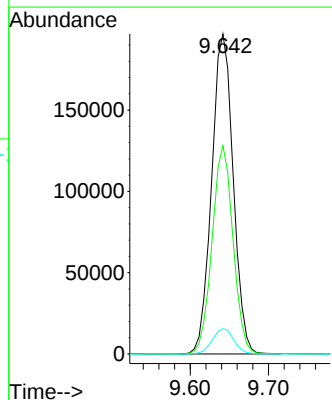
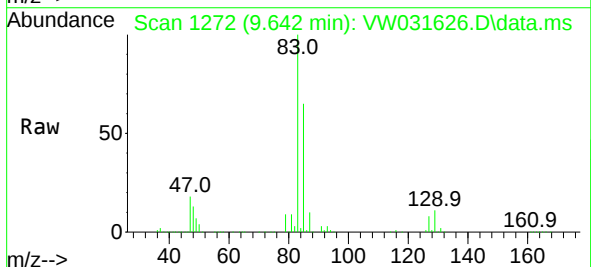


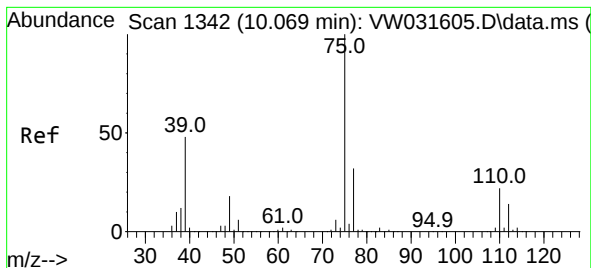
Tgt Ion: 63 Resp: 303157
Ion Ratio Lower Upper
63 100
112 4.3 3.6 5.4



#38
Bromodichloromethane
Concen: 22.547 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Tgt Ion: 83 Resp: 375724
Ion Ratio Lower Upper
83 100
85 65.1 43.8 81.3
127 7.9 6.2 9.4

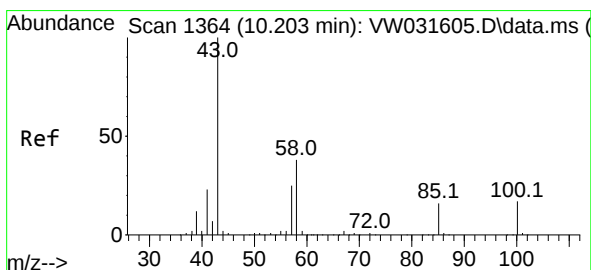
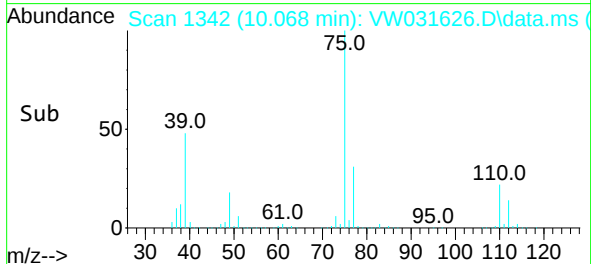
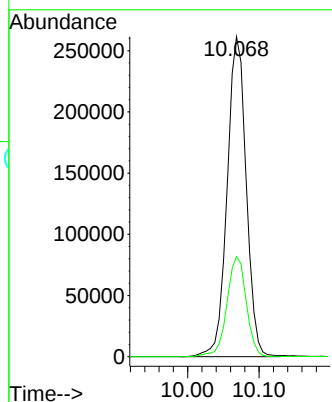
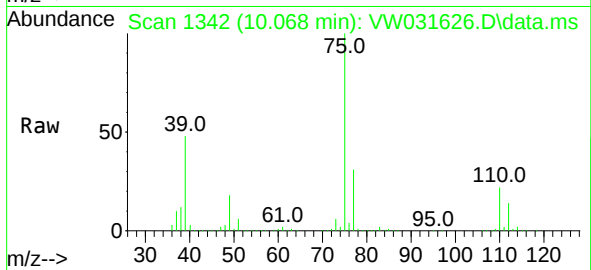




#39
cis-1,3-Dichloropropene
Concen: 22.325 ug/L
RT: 10.068 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

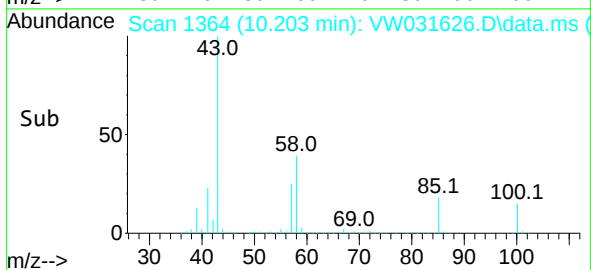
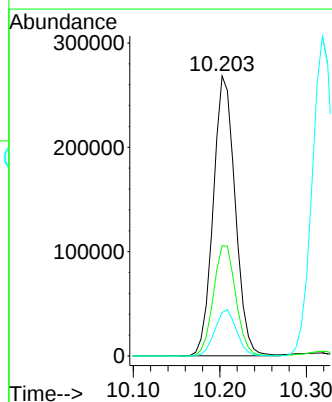
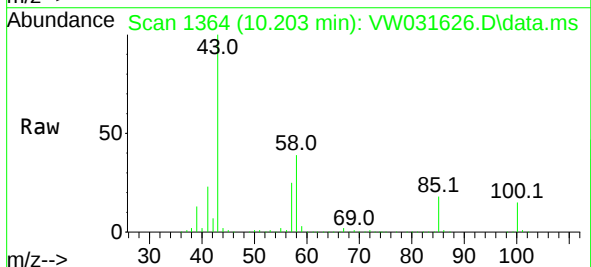
Instrument :
MSVOA_W
ClientSampleId :

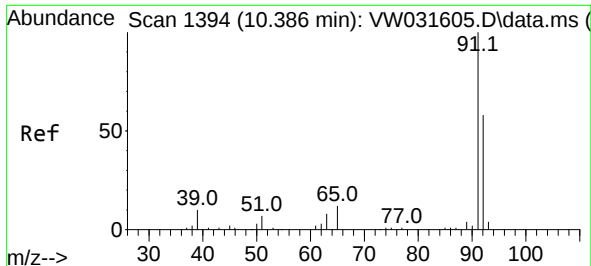
Tgt Ion: 75 Resp: 483812
Ion Ratio Lower Upper
75 100
77 31.2 21.6 40.2



#40
4-Methyl-2-pentanone
Concen: 68.697 ug/L
RT: 10.203 min Scan# 1364
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Tgt Ion: 43 Resp: 472387
Ion Ratio Lower Upper
43 100
58 40.4 31.4 47.2
100 16.4 12.3 18.5





#42

Toluene

Concen: 19.996 ug/L

RT: 10.385 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031626.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_W

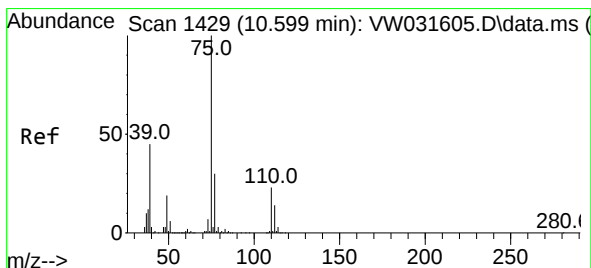
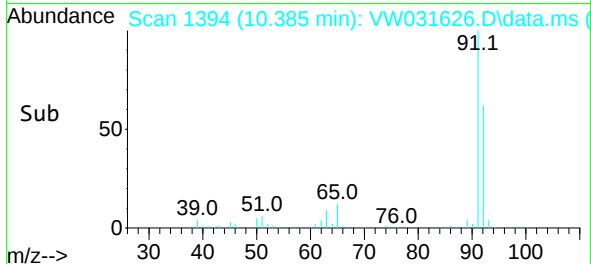
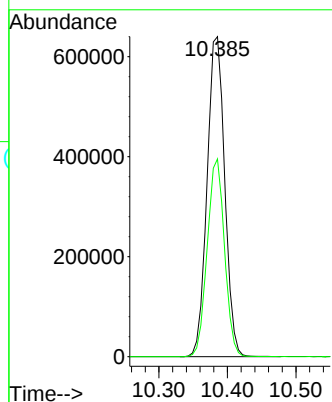
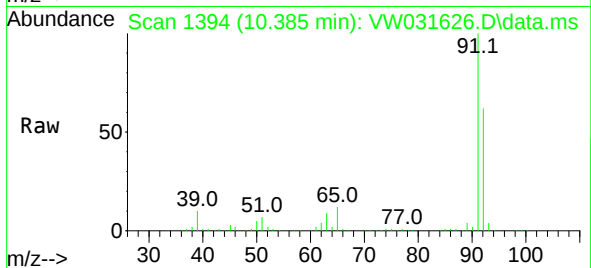
ClientSampleId :

Tgt Ion: 91 Resp: 1145708

Ion Ratio Lower Upper

91 100

92 61.8 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 23.908 ug/L

RT: 10.599 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VW031626.D

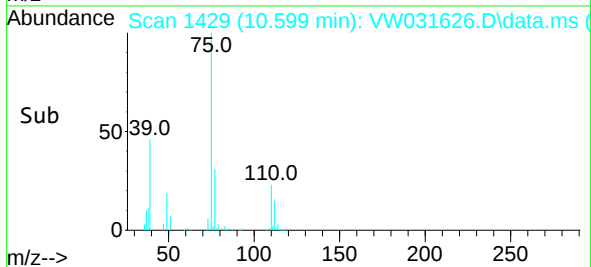
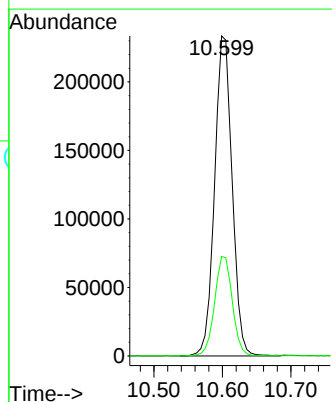
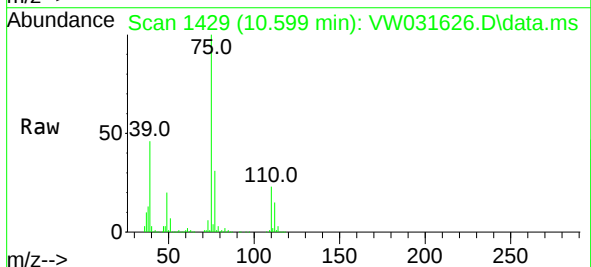
Acq: 28 Jan 2025 18:17

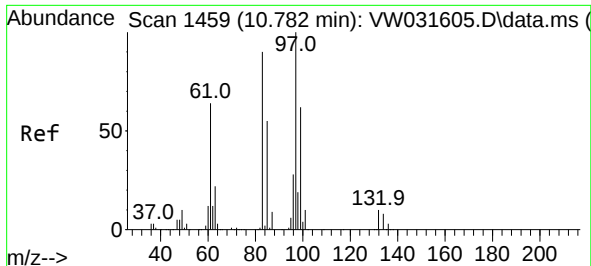
Tgt Ion: 75 Resp: 414135

Ion Ratio Lower Upper

75 100

77 31.1 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 26.480 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW031626.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 233824

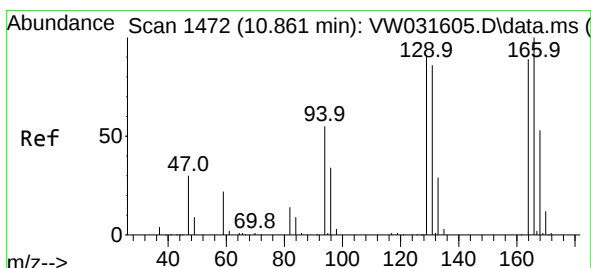
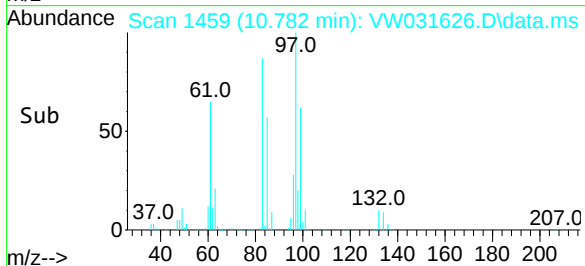
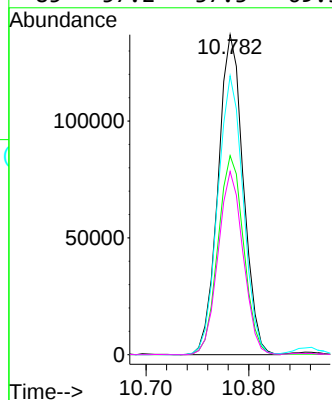
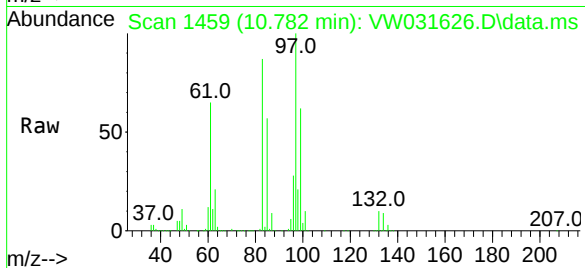
Ion Ratio Lower Upper

97 100

99 62.2 42.6 79.2

83 87.2 59.6 110.8

85 57.2 37.3 69.3



#46

Tetrachloroethene

Concen: 17.658 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW031626.D

Acq: 28 Jan 2025 18:17

Tgt Ion:164 Resp: 186728

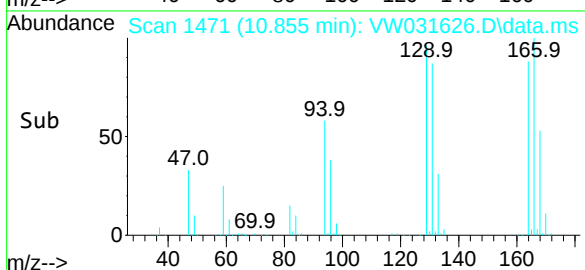
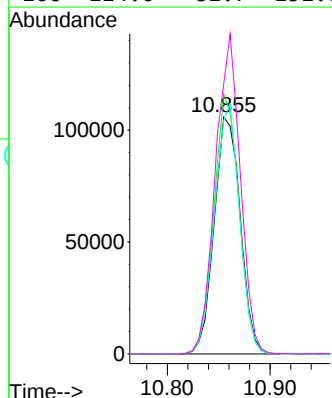
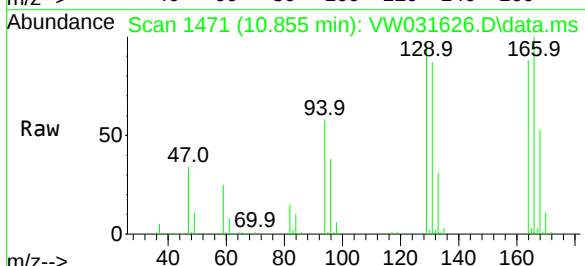
Ion Ratio Lower Upper

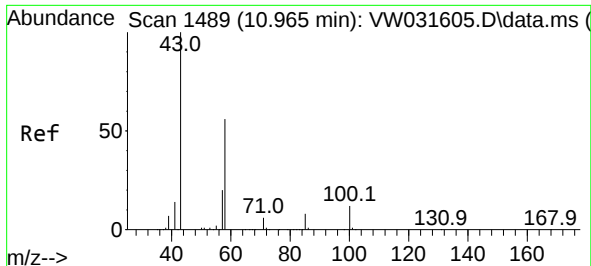
164 100

129 109.8 69.8 129.6

131 98.6 63.1 117.1

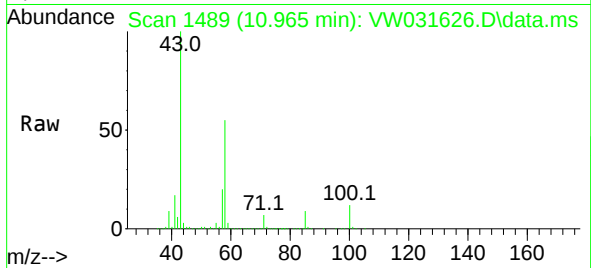
166 114.0 81.7 151.7



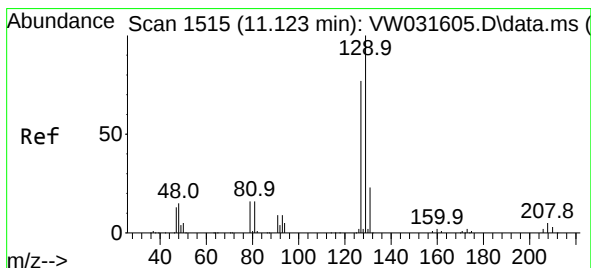
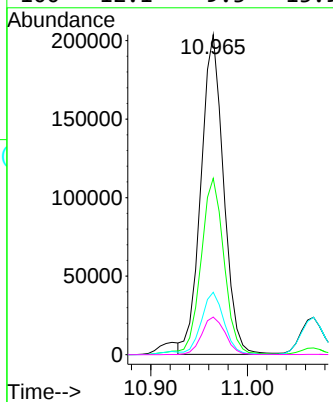
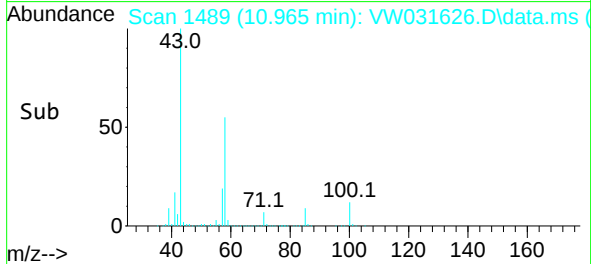


#48
2-Hexanone
Concen: 79.089 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Instrument :
MSVOA_W
ClientSampleId :

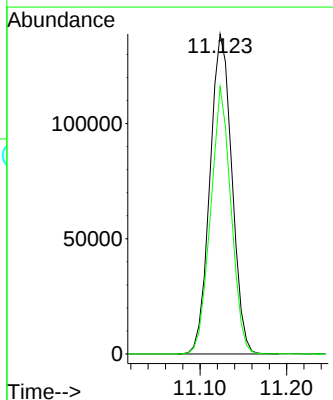
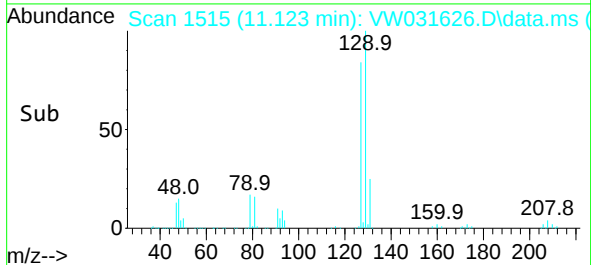
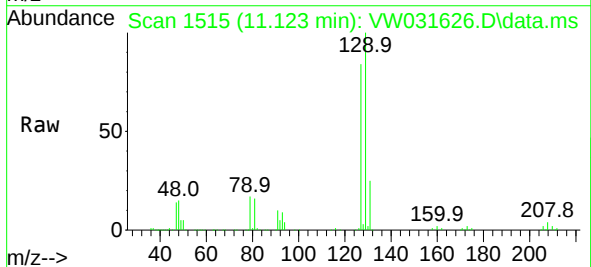


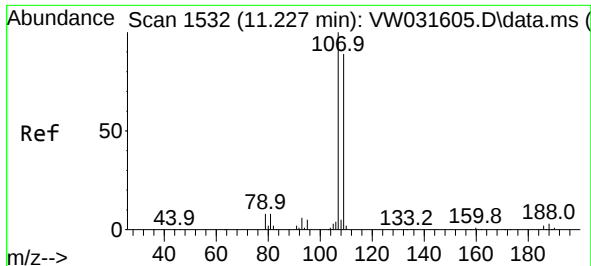
Tgt Ion: 43 Resp: 332338
Ion Ratio Lower Upper
43 100
58 56.8 44.8 67.2
57 19.5 15.6 23.4
100 12.1 9.3 13.9



#49
Dibromochloromethane
Concen: 25.191 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Tgt Ion: 129 Resp: 244749
Ion Ratio Lower Upper
129 100
127 83.5 53.0 98.4





#50

1,2-Dibromoethane

Concen: 27.473 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

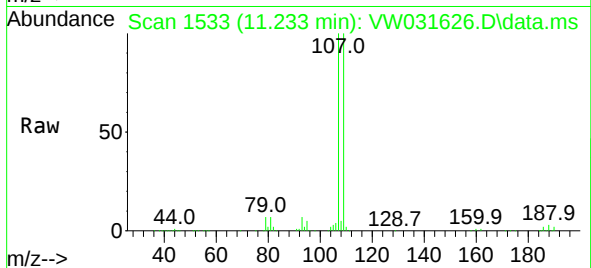
Lab File: VW031626.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_W

ClientSampleId :



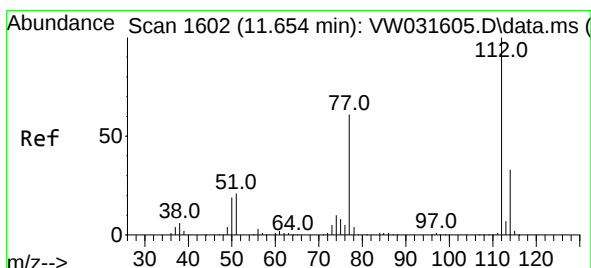
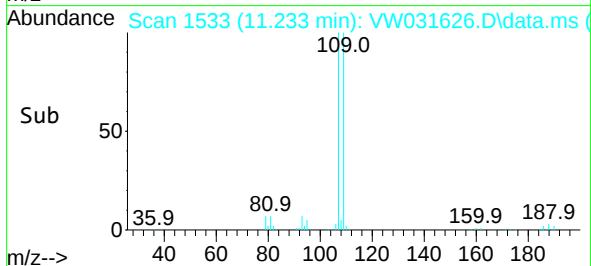
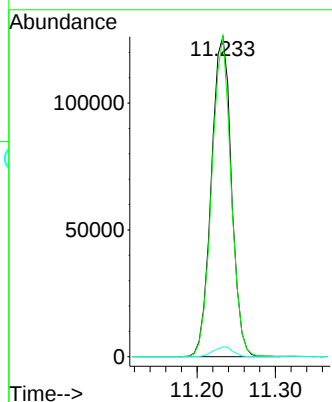
Tgt Ion:107 Resp: 224837

Ion Ratio Lower Upper

107 100

109 99.9 63.8 118.4

188 3.1 2.6 3.8



#51

Chlorobenzene

Concen: 20.477 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW031626.D

Acq: 28 Jan 2025 18:17

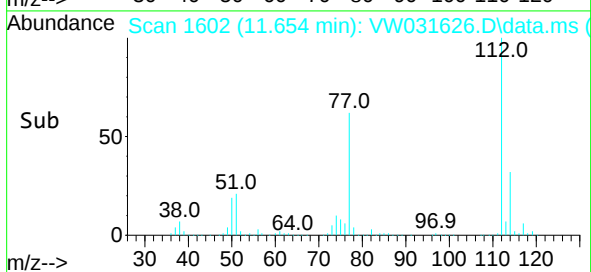
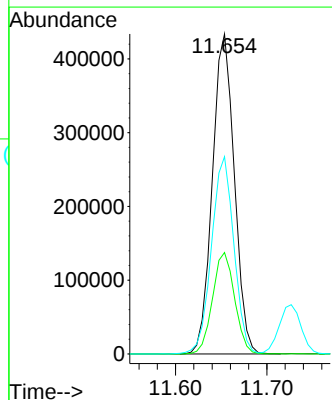
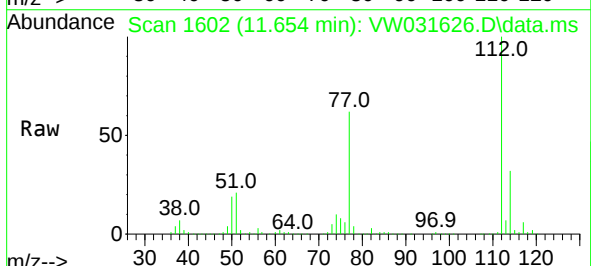
Tgt Ion:112 Resp: 724455

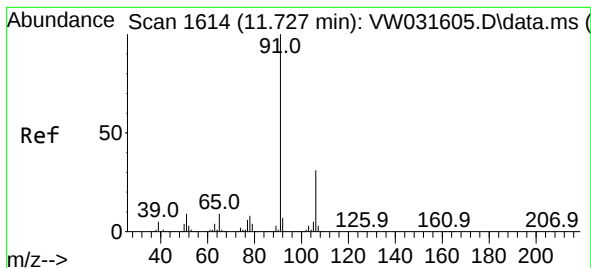
Ion Ratio Lower Upper

112 100

114 31.7 22.0 40.8

77 61.7 49.0 73.4

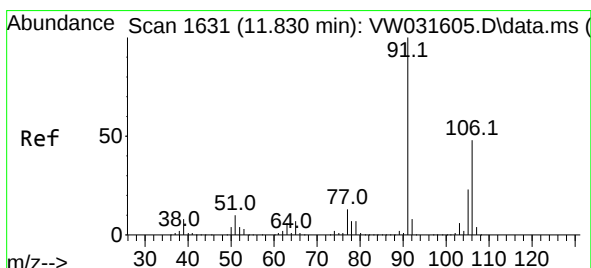
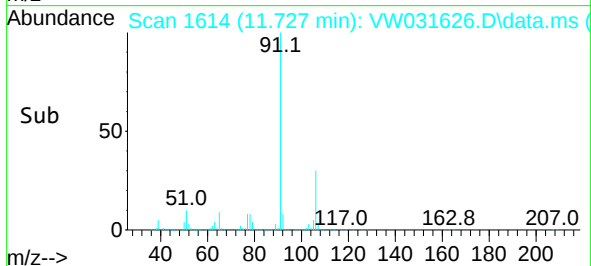
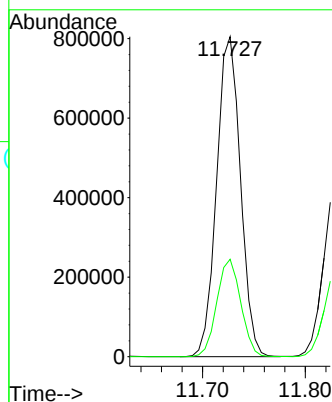
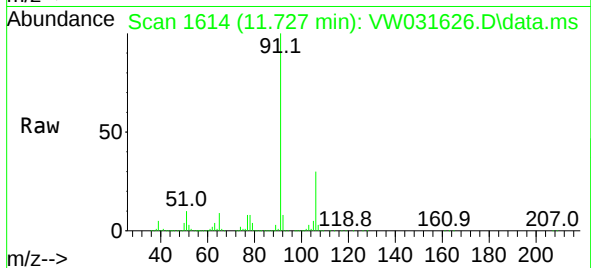




#52
Ethylbenzene
Concen: 19.699 ug/L
RT: 11.727 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

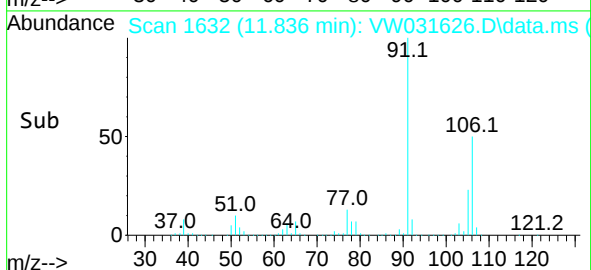
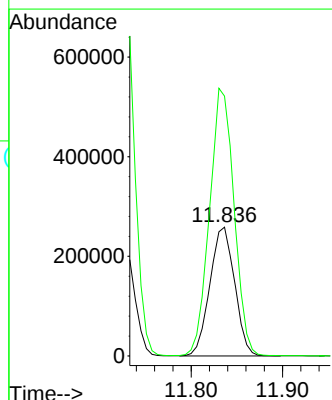
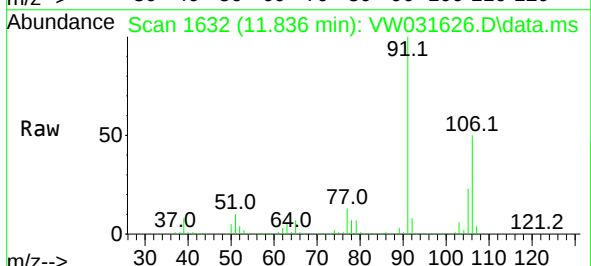
Instrument :
MSVOA_W
ClientSampleId :

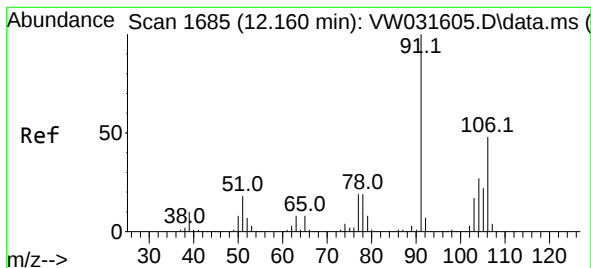
Tgt Ion: 91 Resp: 1295024
Ion Ratio Lower Upper
91 100
106 30.5 22.3 41.3



#53
m,p-Xylene
Concen: 19.402 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Tgt Ion:106 Resp: 486341
Ion Ratio Lower Upper
106 100
91 201.7 145.9 270.9





#54

o-Xylene

Concen: 20.467 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031626.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_W

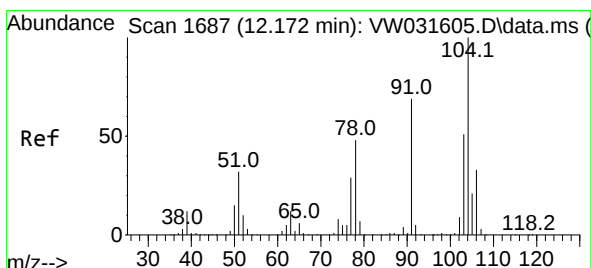
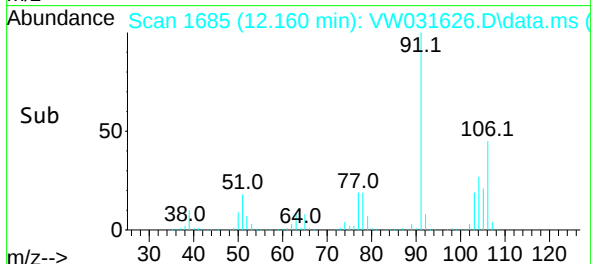
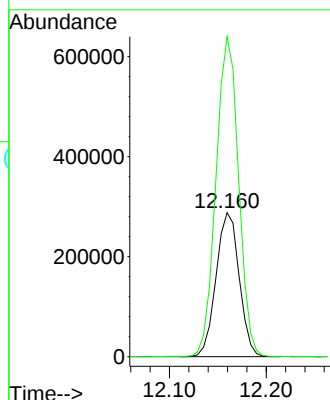
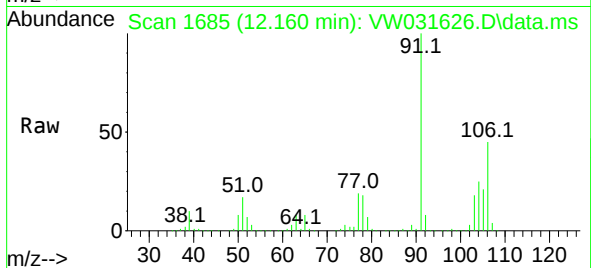
ClientSampleId :

Tgt Ion:106 Resp: 476773

Ion Ratio Lower Upper

106 100

91 222.2 152.9 284.1



#55

Styrene

Concen: 20.422 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW031626.D

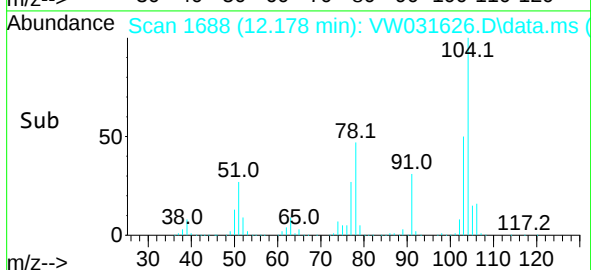
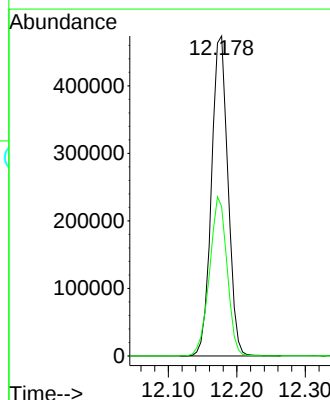
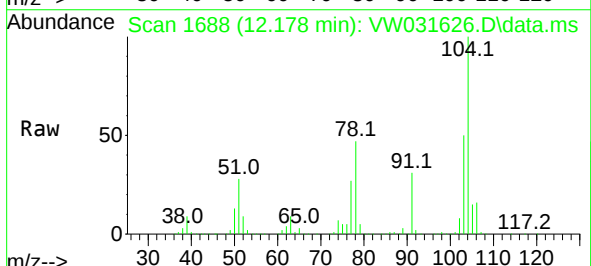
Acq: 28 Jan 2025 18:17

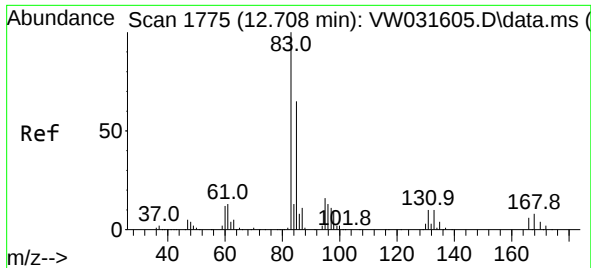
Tgt Ion:104 Resp: 791586

Ion Ratio Lower Upper

104 100

78 46.7 32.0 59.4





#57

1,1,2-Tetrachloroethane

Concen: 31.240 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031626.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_W

ClientSampleId :

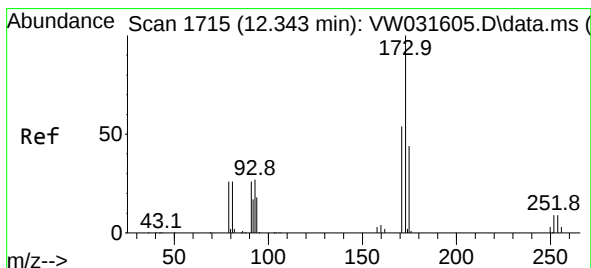
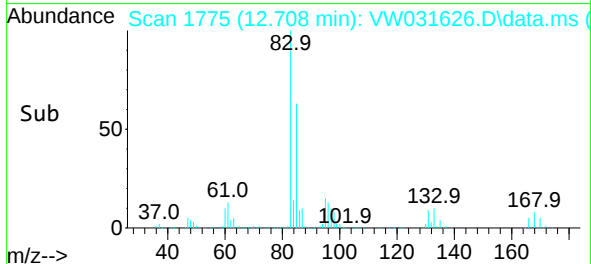
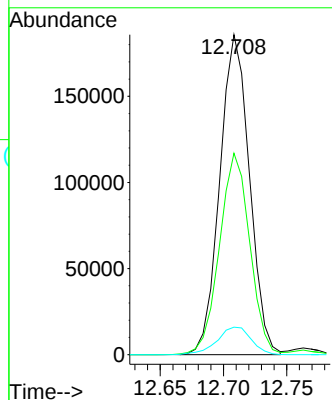
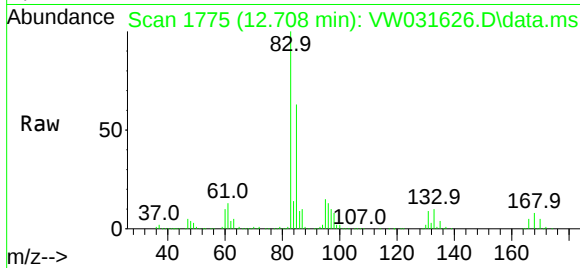
Tgt Ion: 83 Resp: 303114

Ion Ratio Lower Upper

83 100

85 62.9 44.1 81.9

131 8.6 7.4 11.0



#59

Bromoform

Concen: 28.564 ug/L

RT: 12.342 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW031626.D

Acq: 28 Jan 2025 18:17

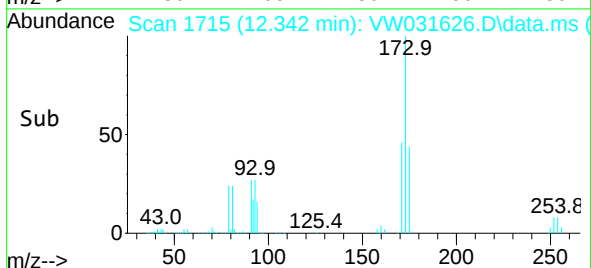
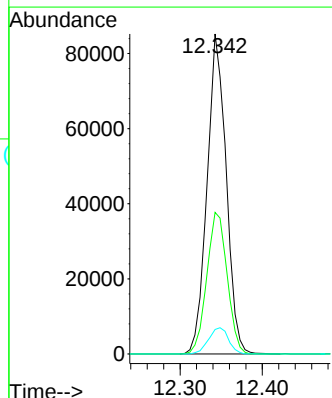
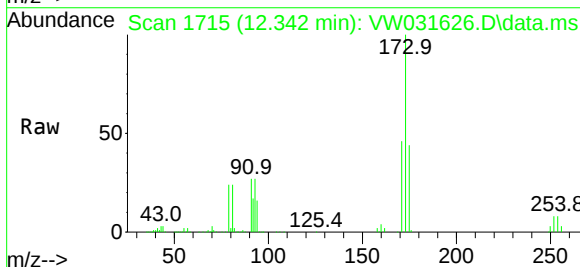
Tgt Ion:173 Resp: 137464

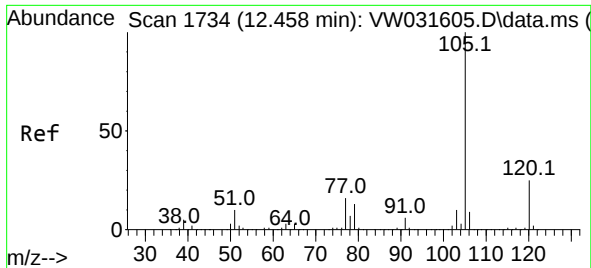
Ion Ratio Lower Upper

173 100

175 47.1 37.7 56.5

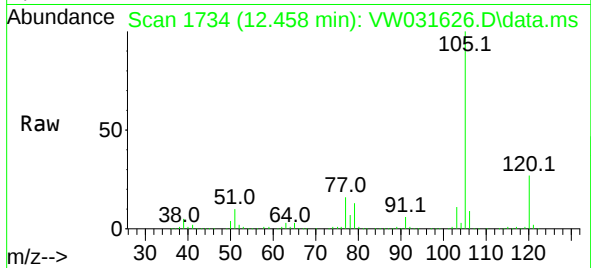
254 8.6 7.1 10.7



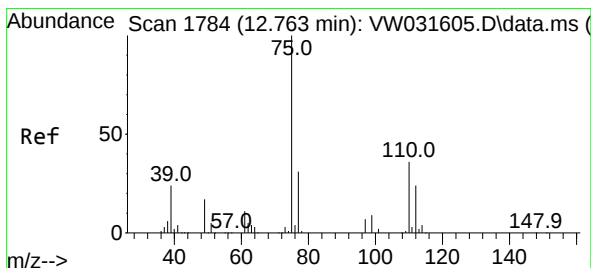
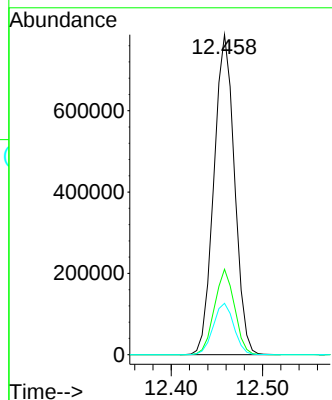
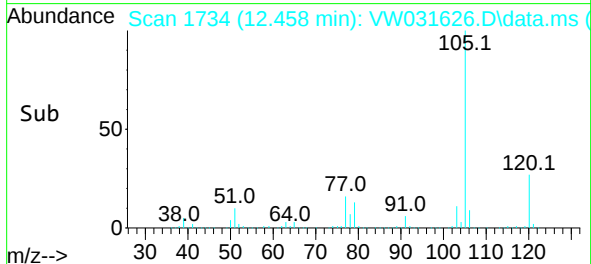


#60
Isopropylbenzene
Concen: 19.552 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

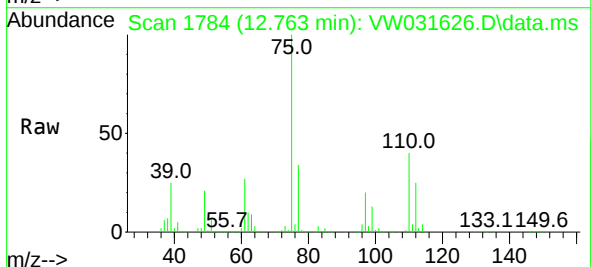
Instrument :
MSVOA_W
ClientSampleId :



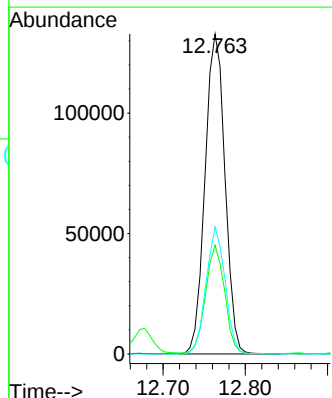
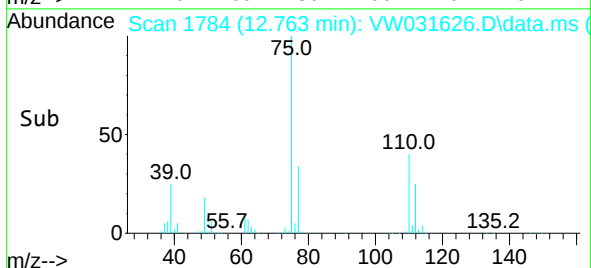
Tgt Ion:105 Resp: 1233563
Ion Ratio Lower Upper
105 100
120 26.0 20.1 30.1
77 16.0 12.7 19.1

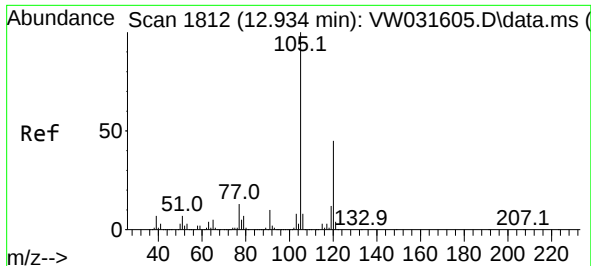


#61
1,2,3-Trichloropropane
Concen: 33.037 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17



Tgt Ion: 75 Resp: 224066
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.2
110 37.9 29.6 44.4





#62

1,3,5-Trimethylbenzene

Concen: 19.382 ug/L

RT: 12.934 min Scan# 1812

Delta R.T. -0.006 min

Lab File: VW031626.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_W

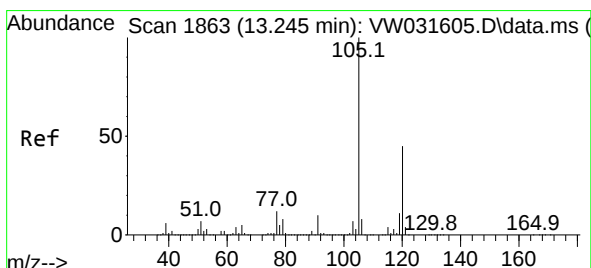
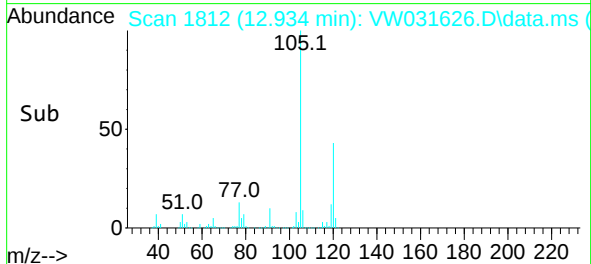
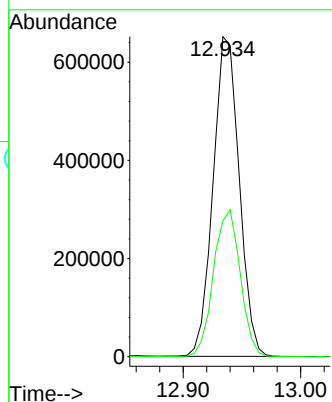
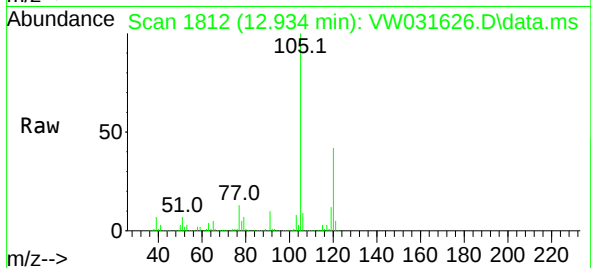
ClientSampleId :

Tgt Ion:105 Resp: 1006936

Ion Ratio Lower Upper

105 100

120 46.9 37.6 56.4



#63

1,2,4-Trimethylbenzene

Concen: 19.515 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW031626.D

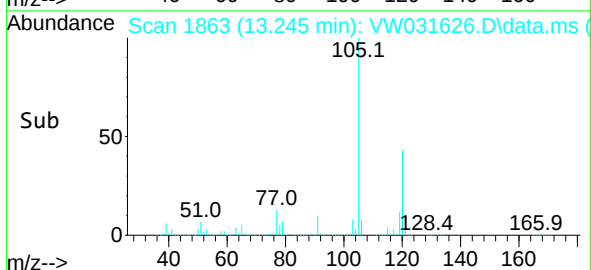
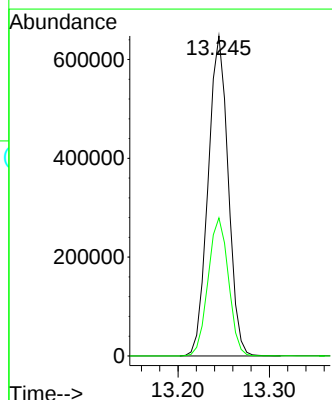
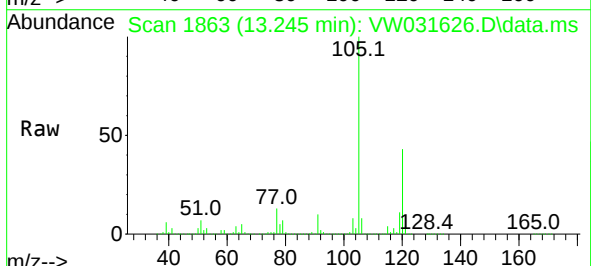
Acq: 28 Jan 2025 18:17

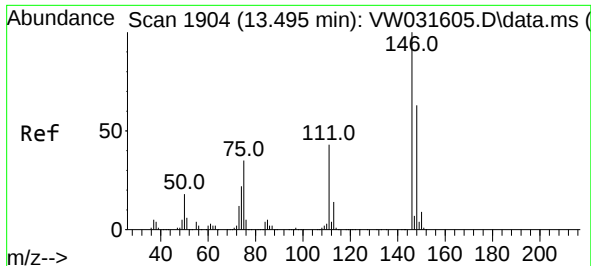
Tgt Ion:105 Resp: 986733

Ion Ratio Lower Upper

105 100

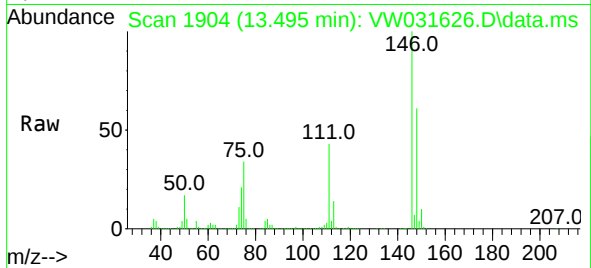
120 43.7 36.3 54.5



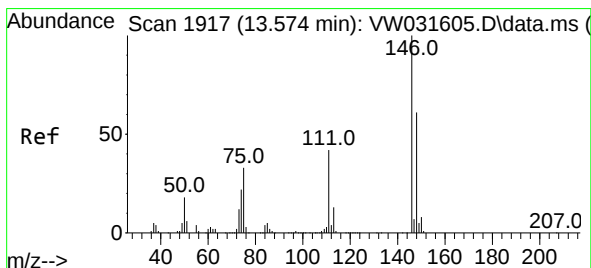
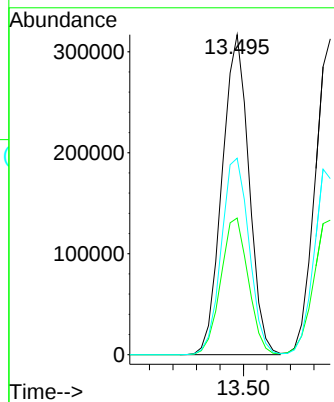
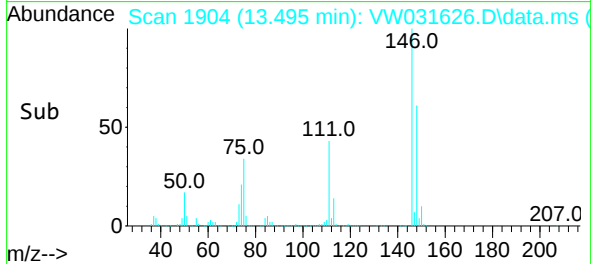


#64
1,3-Dichlorobenzene
Concen: 20.112 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

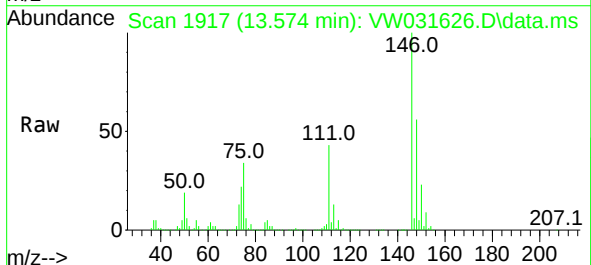
Instrument :
MSVOA_W
ClientSampleId :



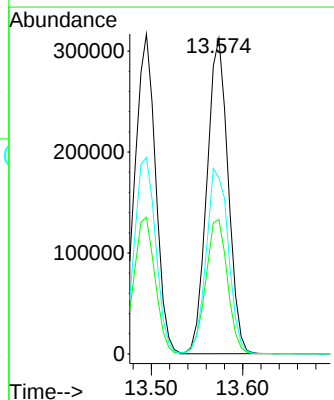
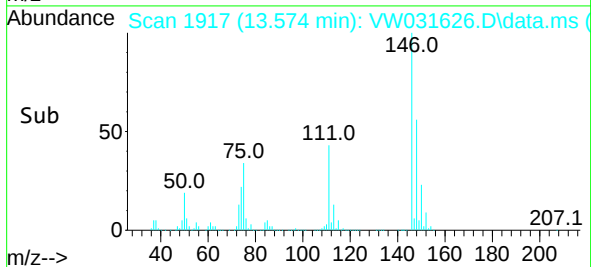
Tgt Ion:146 Resp: 503278
Ion Ratio Lower Upper
146 100
111 42.7 30.4 56.5
148 61.4 42.1 78.1

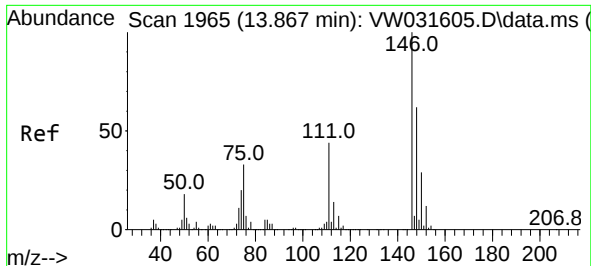


#65
1,4-Dichlorobenzene
Concen: 20.288 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17



Tgt Ion:146 Resp: 502126
Ion Ratio Lower Upper
146 100
111 42.6 28.5 52.9
148 55.7 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 21.927 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.006 min

Lab File: VW031626.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_W

ClientSampleId :

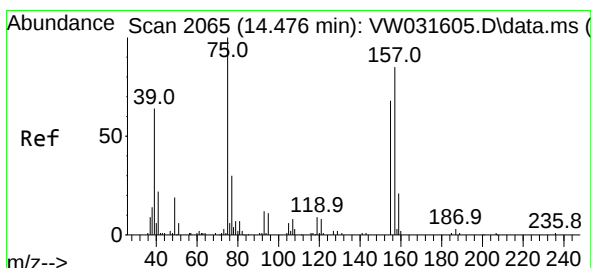
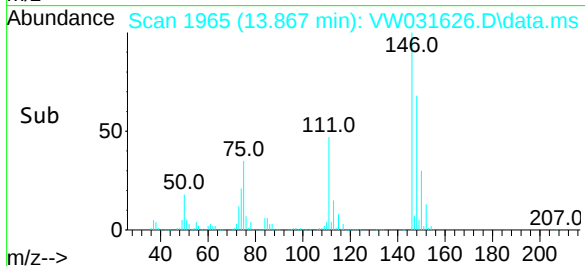
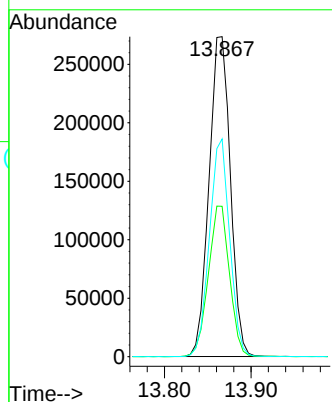
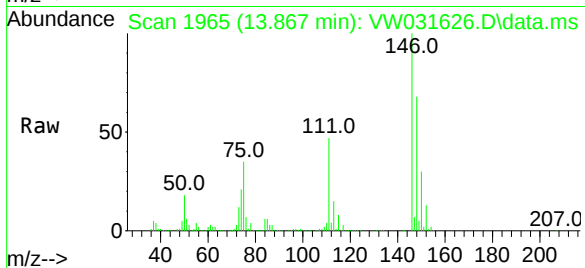
Tgt Ion:146 Resp: 468568

Ion Ratio Lower Upper

146 100

111 47.0 36.6 55.0

148 68.0 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 36.087 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW031626.D

Acq: 28 Jan 2025 18:17

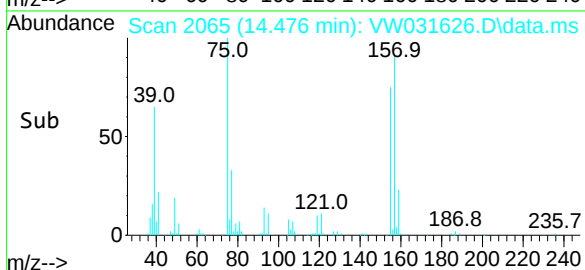
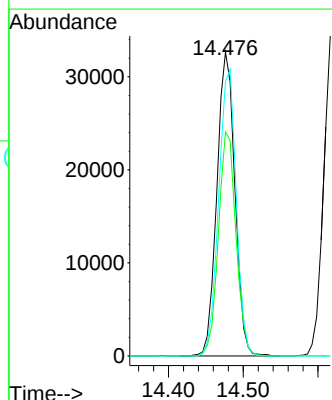
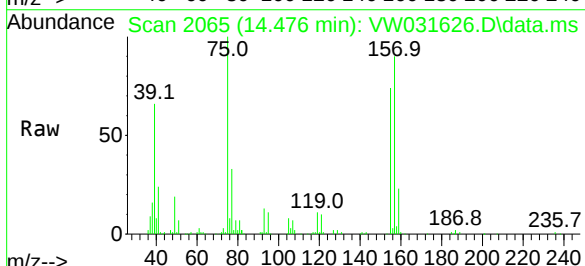
Tgt Ion: 75 Resp: 54719

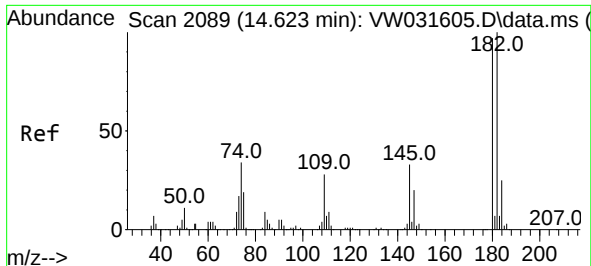
Ion Ratio Lower Upper

75 100

155 73.7 51.0 76.4

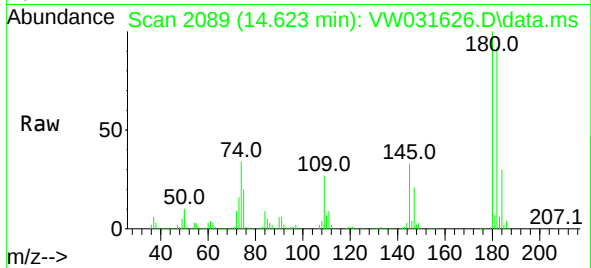
157 90.3 70.2 105.2



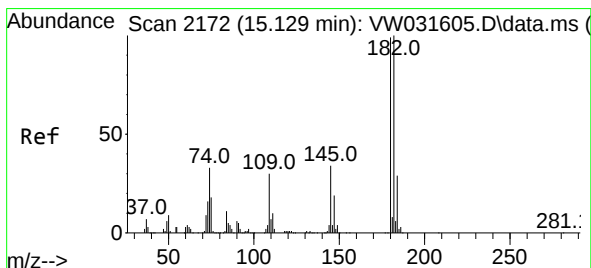
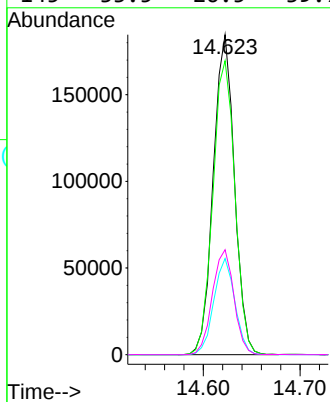
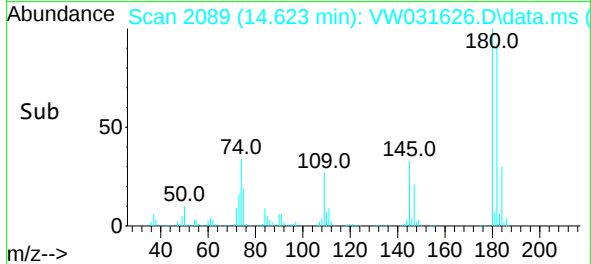


#69
1,3,5-Trichlorobenzene
Concen: 16.539 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

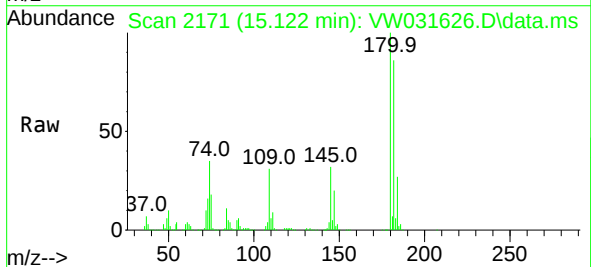
Instrument :
MSVOA_W
ClientSampleId :



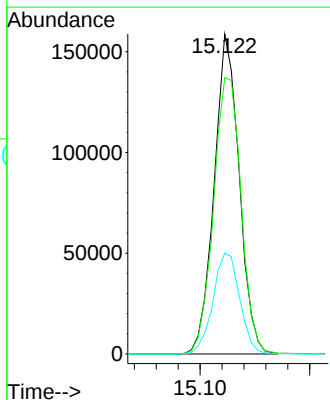
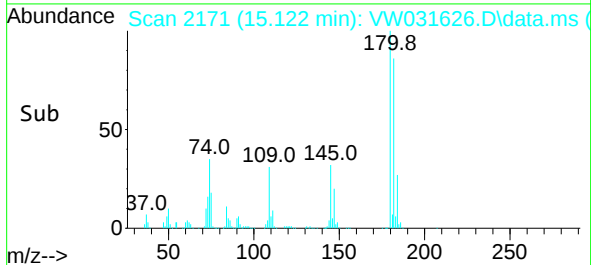
Tgt Ion:180 Resp: 280476
Ion Ratio Lower Upper
180 100
182 95.6 74.2 111.4
184 29.9 23.0 34.4
145 33.5 26.5 39.7

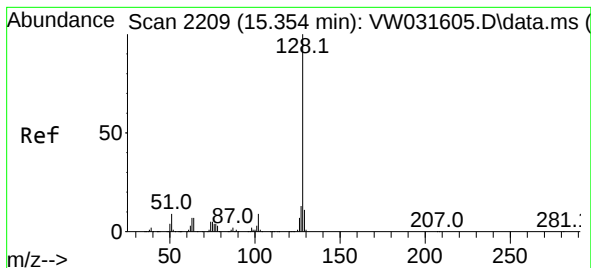


#70
1,2,4-trichlorobenzene
Concen: 18.637 ug/L
RT: 15.122 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17



Tgt Ion:180 Resp: 251739
Ion Ratio Lower Upper
180 100
182 95.0 77.7 116.5
145 33.7 26.6 39.8





#71

Naphthalene

Concen: 29.487 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VW031626.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_W

ClientSampleId :

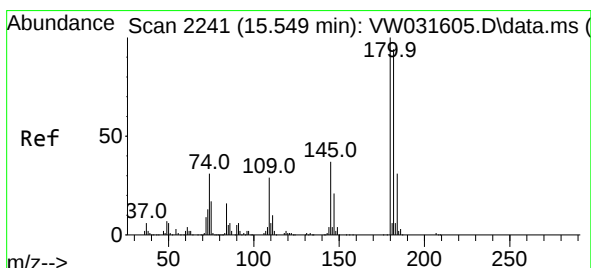
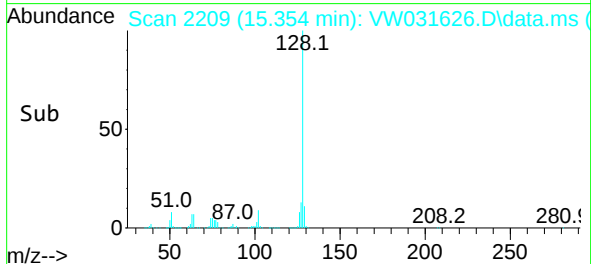
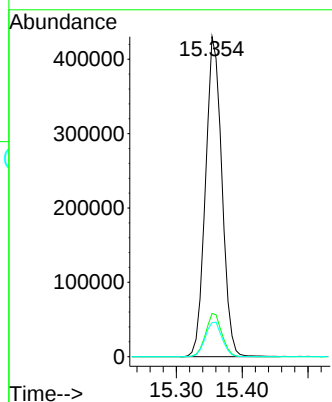
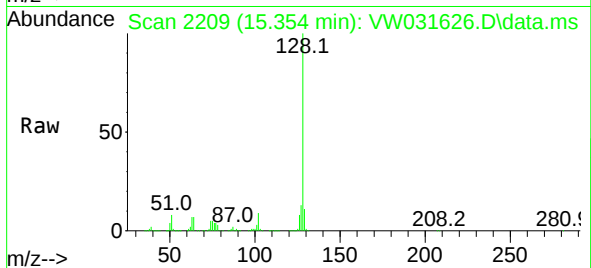
Tgt Ion:128 Resp: 746820

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 20.251 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW031626.D

Acq: 28 Jan 2025 18:17

Tgt Ion:180 Resp: 230379

Ion Ratio Lower Upper

180 100

182 89.3 76.9 115.3

145 35.8 30.1 45.1

