

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
 Data File : VW031554.D
 Acq On : 10 Jan 2025 09:45
 Operator : SY/MD
 Sample : VSTD2.552
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

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

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	679147	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	566736	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	276361	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	32175	3.019	ug/L	0.00
7) Chloroethane-d5	2.899	69	21960	2.885	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	13442	2.824	ug/L	0.00
21) 2-Butanone-d5	7.112	46	2990	1.763	ug/L	0.01
24) Chloroform-d	7.654	84	47078	2.678	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.313	65	24098	2.786	ug/L	0.00
32) Benzene-d6	8.276	84	99085	2.783	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	28642	2.725	ug/L	0.00
41) Toluene-d8	10.325	98	88277	2.747	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	11507	2.666	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	5337	4.916	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	17661	2.748	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	26419	2.726	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	20705	2.411	ug/L	95
3) Chloromethane	2.222	50	24406	2.666	ug/L	96
5) Vinyl chloride	2.369	62	29577	2.533	ug/L	90
6) Bromomethane	2.795	94	17200	2.520	ug/L	96
8) Chloroethane	2.936	64	17131	2.496	ug/L	99
9) Trichlorofluoromethane	3.277	101	29949	2.581	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	11243	1.266	ug/L #	76
12) 1,1-Dichloroethene	4.045	96	22265	2.464	ug/L	99
13) Acetone	4.192	43	6199	4.912	ug/L	80
14) Carbon disulfide	4.393	76	75079	2.466	ug/L	96
15) Methyl Acetate	4.704	43	8706	2.622	ug/L #	80
16) Methylene chloride	4.917	84	24034	2.598	ug/L	91
17) trans-1,2-Dichloroethene	5.435	96	24338	2.507	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	39419	2.533	ug/L	98
19) 1,1-Dichloroethane	6.222	63	44864	2.457	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	24992	2.412	ug/L	93
22) 2-Butanone	7.209	43	11921	5.441	ug/L #	68
23) Bromochloromethane	7.520	128	9860	2.429	ug/L	95
25) Chloroform	7.685	83	42402	2.441	ug/L	97
27) 1,2-Dichloroethane	8.404	62	26728	2.498	ug/L	97
29) Cyclohexane	7.953	56	45571	2.509	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	37173	2.527	ug/L	99
31) Carbon tetrachloride	8.063	117	33145	2.541	ug/L	97
33) Benzene	8.325	78	98134	2.530	ug/L	100
34) Trichloroethene	9.087	95	26358	2.528	ug/L	91
35) Methylcyclohexane	9.337	83	46202	2.471	ug/L	98
37) 1,2-Dichloropropane	9.367	63	24964	2.561	ug/L	100
38) Bromodichloromethane	9.642	83	29505	2.502	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	36927	2.408	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	27320	5.614	ug/L	99
42) Toluene	10.386	91	101880	2.513	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	29604	2.415	ug/L	95

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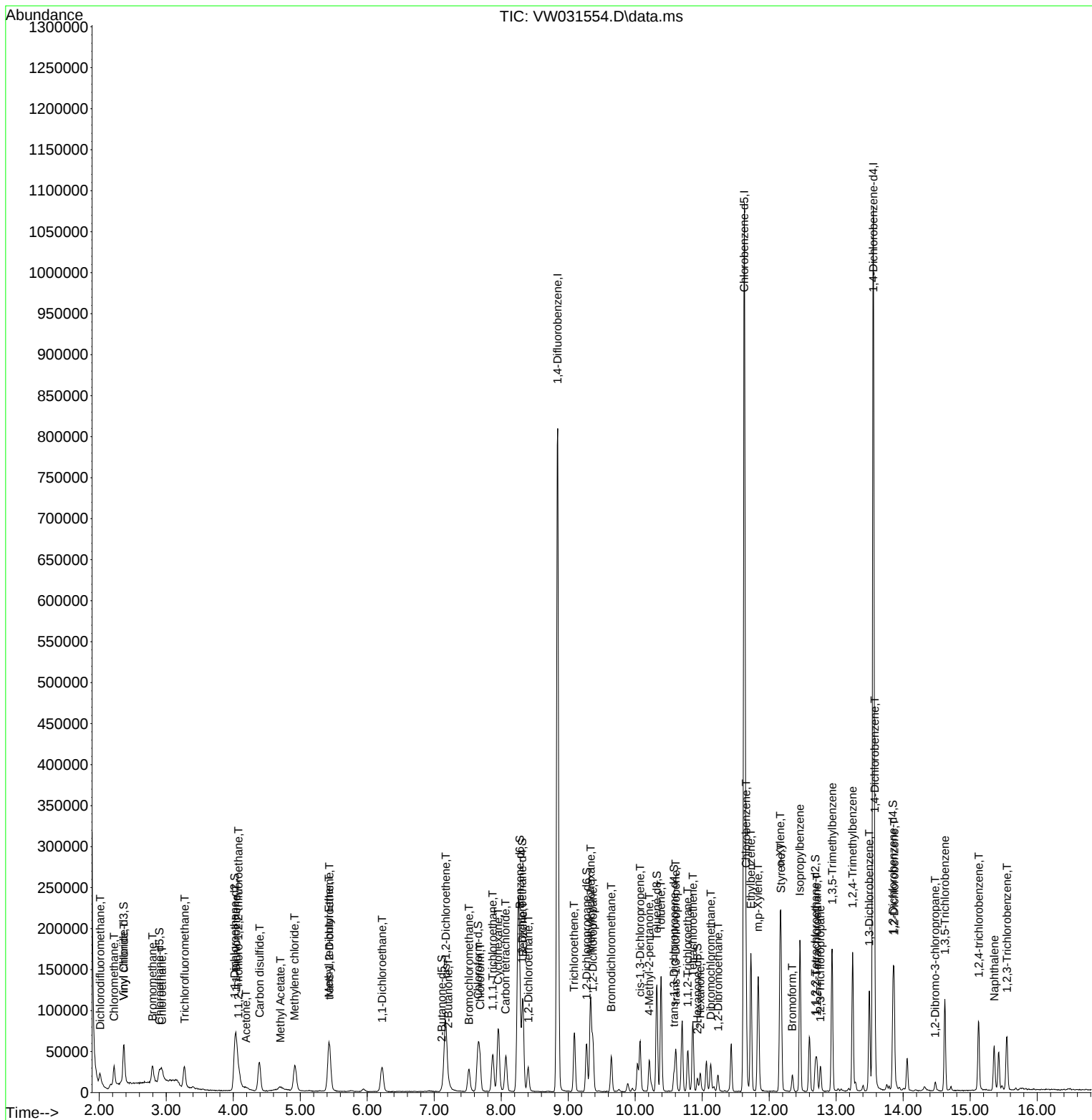
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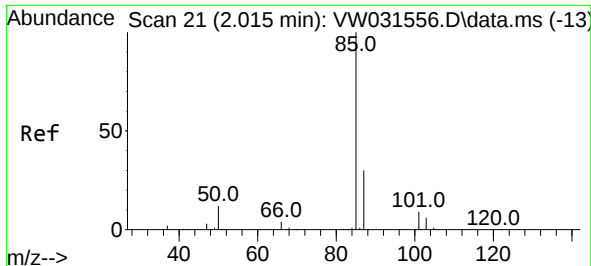
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 Quant Title : SFAM01.0
 QLast Update : Sat Jan 11 03:10:14 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	15878	2.541	ug/L	96
46) Tetrachloroethene	10.861	164	19245	2.572	ug/L	95
48) 2-Hexanone	10.971	43	14409	4.846	ug/L	98
49) Dibromochloromethane	11.129	129	16517	2.402	ug/L	99
50) 1,2-Dibromoethane	11.239	107	14114	2.437	ug/L	97
51) Chlorobenzene	11.654	112	62406	2.493	ug/L	98
52) Ethylbenzene	11.727	91	117330	2.522	ug/L	97
53) m,p-Xylene	11.837	106	45087	2.542	ug/L	98
54) o-Xylene	12.166	106	40923	2.482	ug/L	97
55) Styrene	12.178	104	65985	2.406	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.714	83	18420	2.683	ug/L	95
59) Bromoform	12.343	173	8587	2.332	ug/L #	99
60) Isopropylbenzene	12.458	105	117082	2.425	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	12852	2.476	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	94930	2.388	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	92202	2.383	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	46988	2.454	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	48142	2.542	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	41187	2.519	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	2840	2.448	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	31797	2.450	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	25769	2.493	ug/L	97
71) Naphthalene	15.360	128	45261	2.335	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	21965	2.523	ug/L	94

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

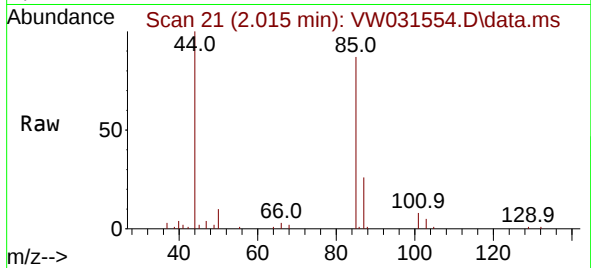
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Quant Title : SFAM01.0
QLast Update : Sat Jan 11 03:10:14 2025
Response via : Initial Calibration



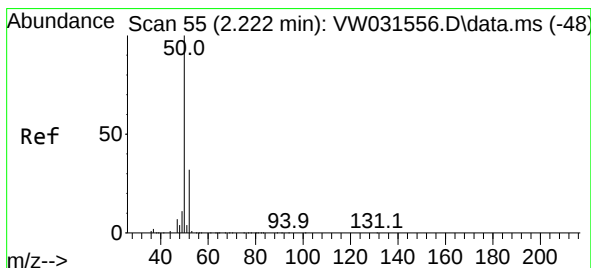
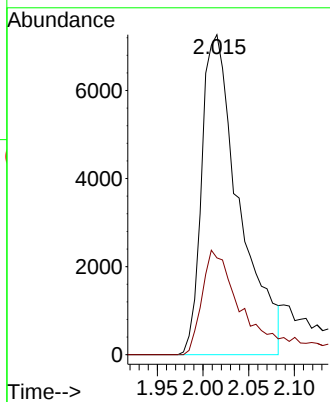
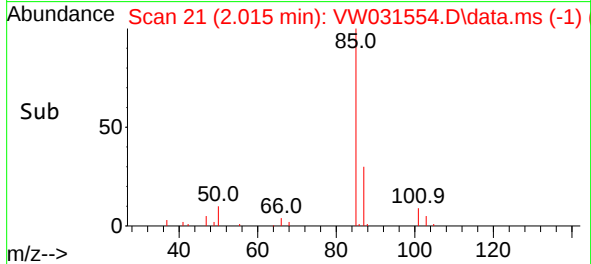


#2
Dichlorodifluoromethane
Concen: 2.411 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

Instrument :
MSVOA_W
ClientSampleId :

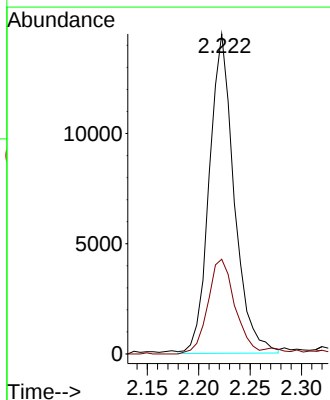
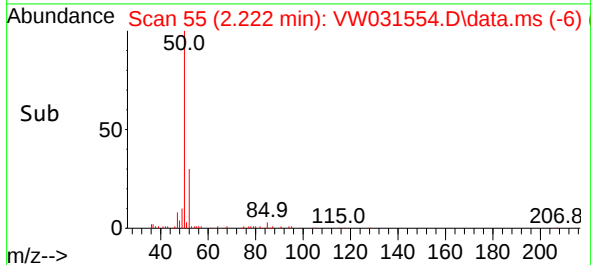
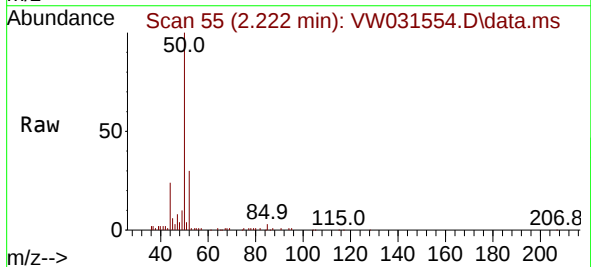


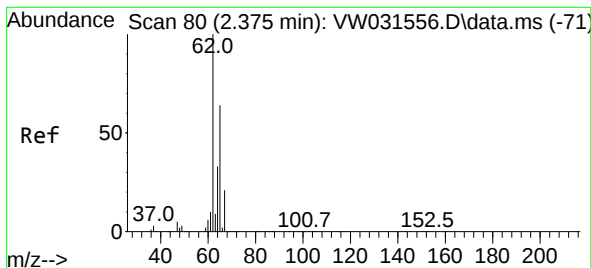
Tgt Ion: 85 Resp: 20705
Ion Ratio Lower Upper
85 100
87 34.0 25.0 37.4



#3
Chloromethane
Concen: 2.666 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

Tgt Ion: 50 Resp: 24406
Ion Ratio Lower Upper
50 100
52 29.6 22.3 41.3





#5

Vinyl chloride

Concen: 2.533 ug/L

RT: 2.369 min Scan# 79

Delta R.T. -0.006 min

Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

Instrument :

MSVOA_W

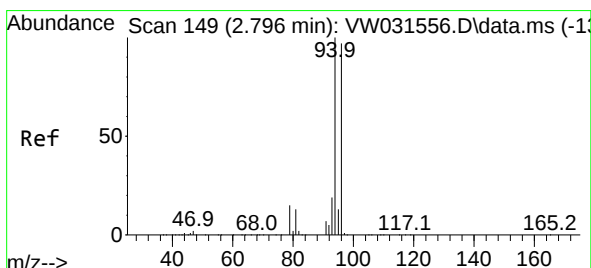
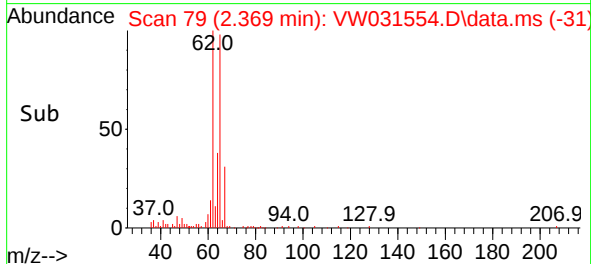
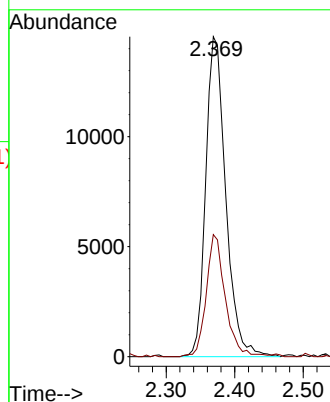
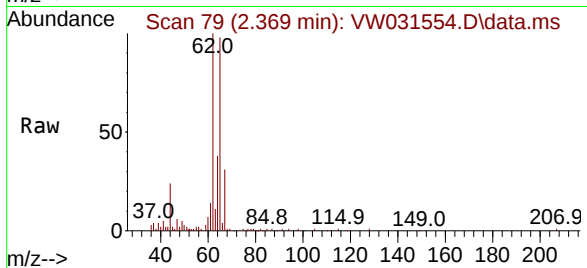
ClientSampleId :

Tgt Ion: 62 Resp: 29577

Ion Ratio Lower Upper

62 100

64 38.1 22.7 42.3



#6

Bromomethane

Concen: 2.520 ug/L

RT: 2.795 min Scan# 149

Delta R.T. -0.000 min

Lab File: VW031554.D

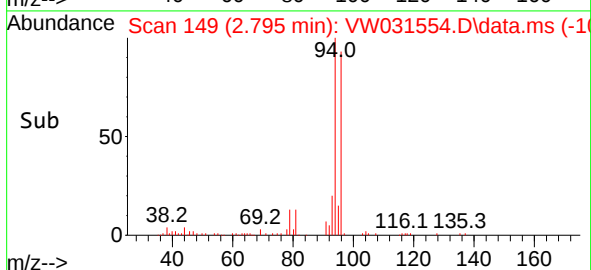
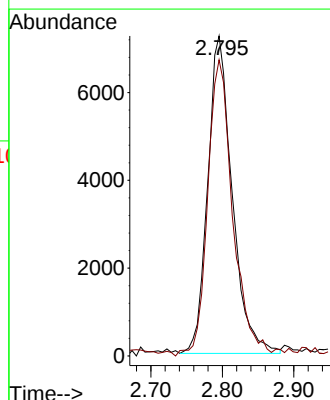
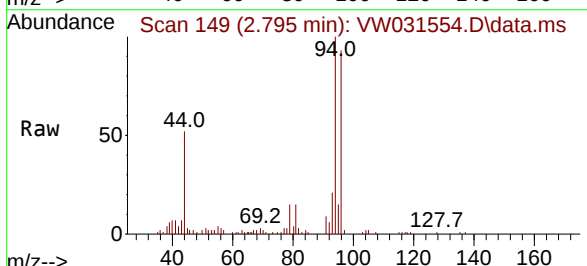
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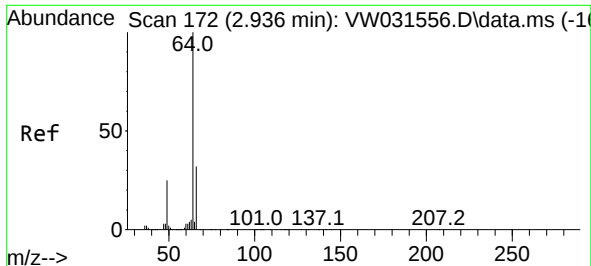
Tgt Ion: 94 Resp: 17200

Ion Ratio Lower Upper

94 100

96 92.6 67.6 125.6

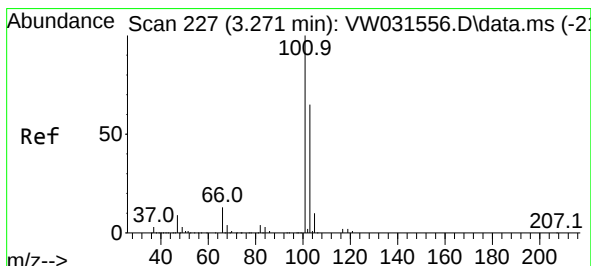
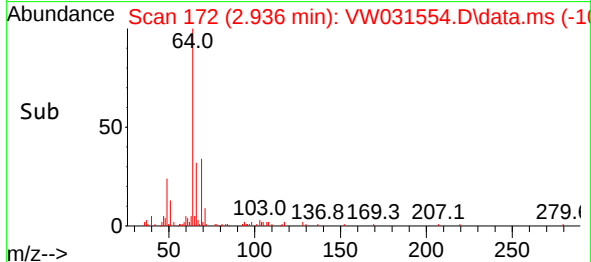
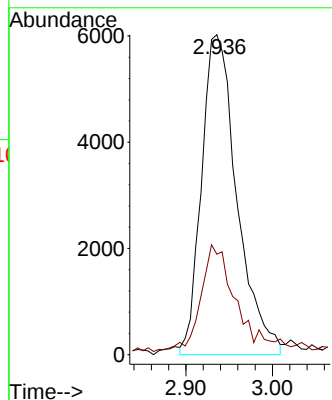
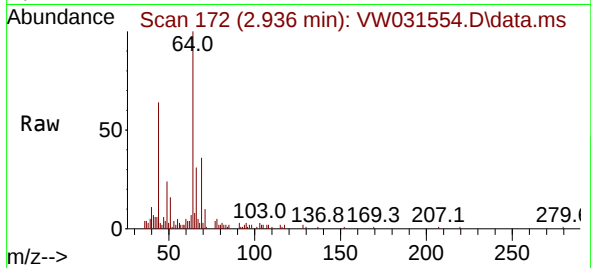




#8
Chloroethane
Concen: 2.496 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

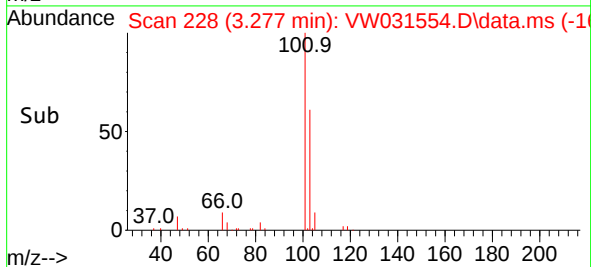
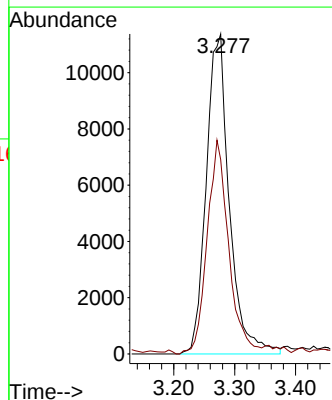
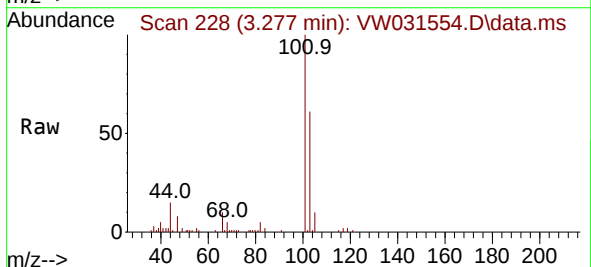
Instrument :
MSVOA_W
ClientSampleId :

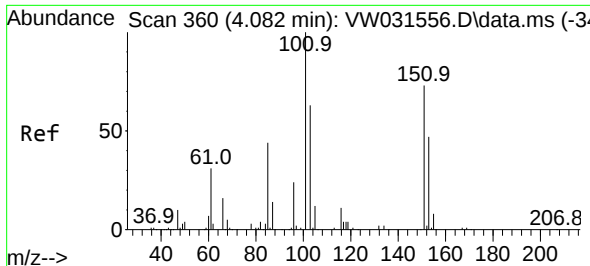
Tgt Ion: 64 Resp: 17131
Ion Ratio Lower Upper
64 100
66 31.4 22.3 41.3



#9
Trichlorofluoromethane
Concen: 2.581 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.006 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

Tgt Ion: 101 Resp: 29949
Ion Ratio Lower Upper
101 100
103 62.4 51.4 77.2

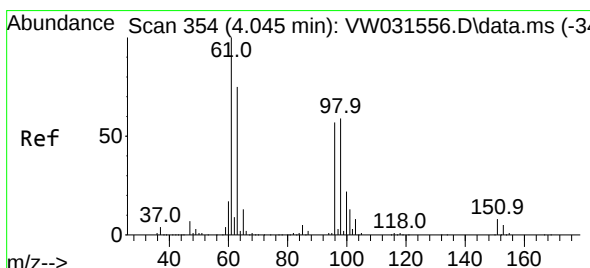
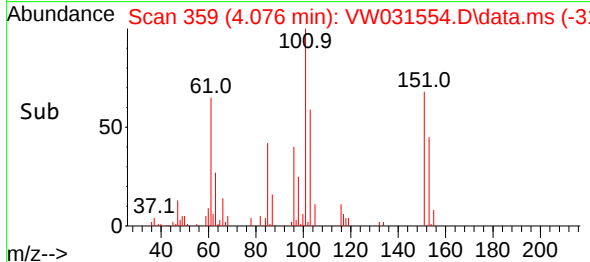
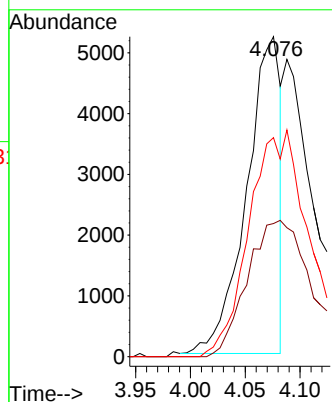
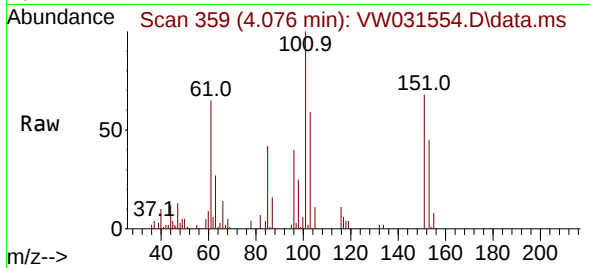




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.266 ug/L
 RT: 4.076 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW031554.D
 Acq: 10 Jan 2025 09:45

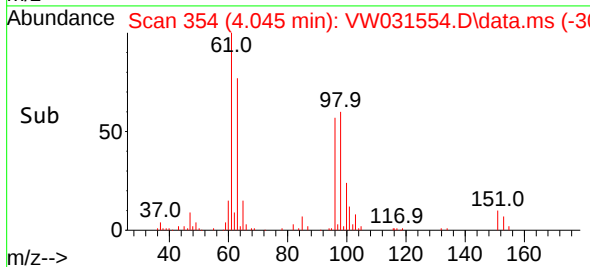
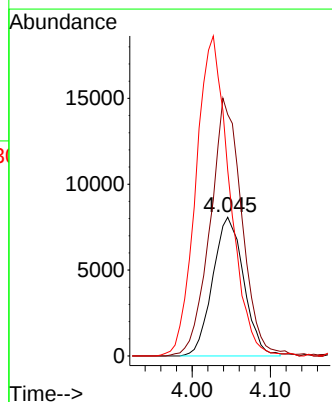
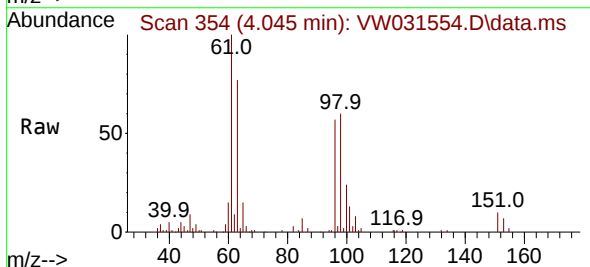
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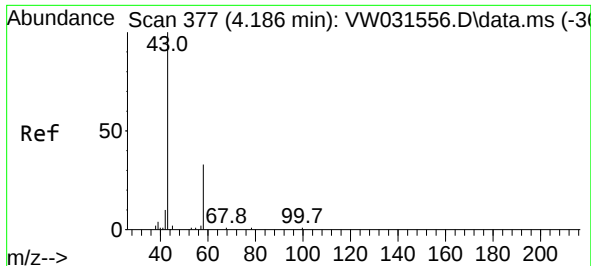
Tgt Ion:101 Resp: 11243
 Ion Ratio Lower Upper
 101 100
 85 82.5 36.1 54.1#
 151 69.0 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 2.464 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW031554.D
 Acq: 10 Jan 2025 09:45

Tgt Ion: 96 Resp: 22265
 Ion Ratio Lower Upper
 96 100
 61 173.9 123.8 230.0
 63 133.8 94.1 174.8

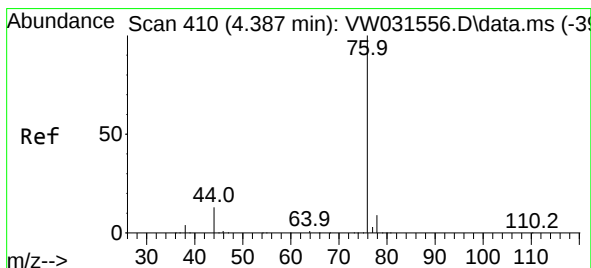
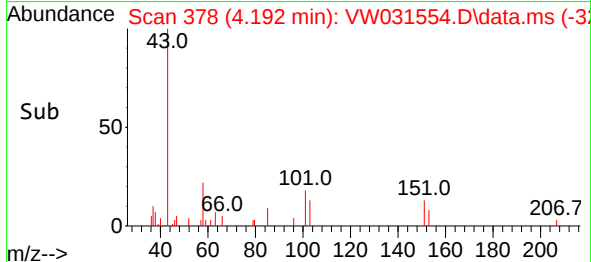
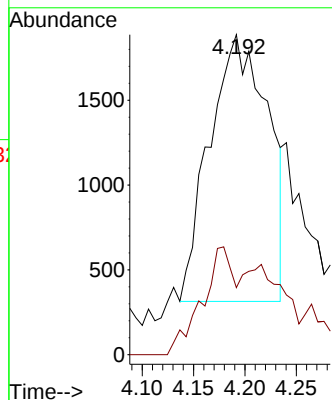
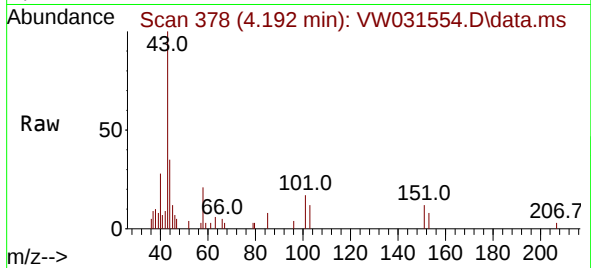




#13
Acetone
Concen: 4.912 ug/L
RT: 4.192 min Scan# 378
Delta R.T. 0.006 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

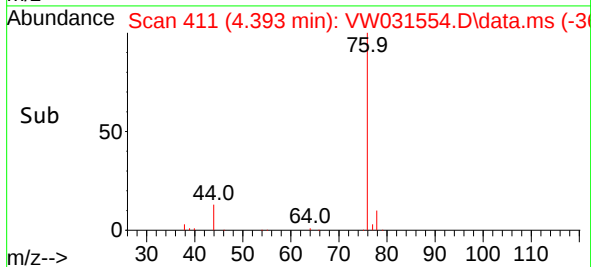
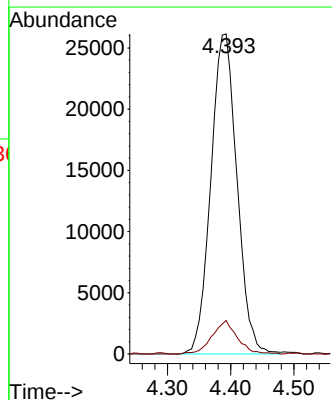
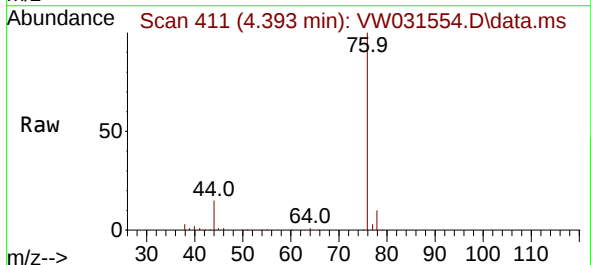
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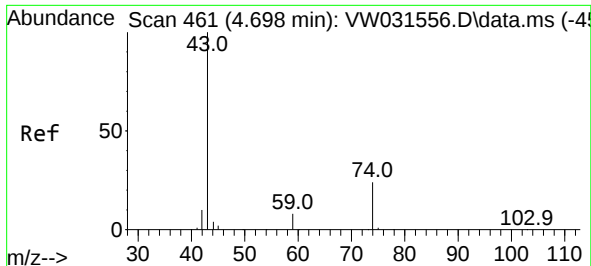
Tgt Ion: 43 Resp: 6199
Ion Ratio Lower Upper
43 100
58 22.1 0.0 28.2



#14
Carbon disulfide
Concen: 2.466 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

Tgt Ion: 76 Resp: 75079
Ion Ratio Lower Upper
76 100
78 10.4 7.3 10.9

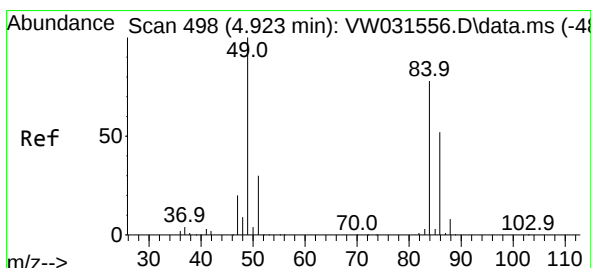
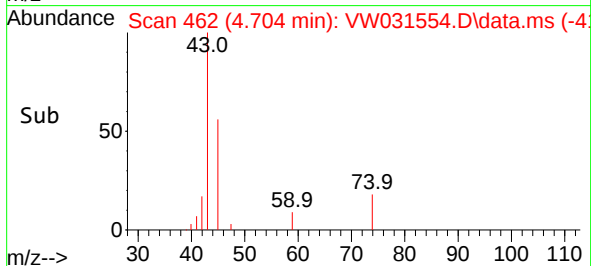
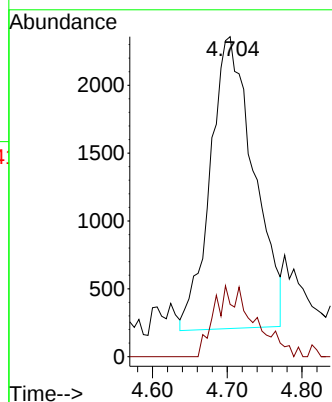
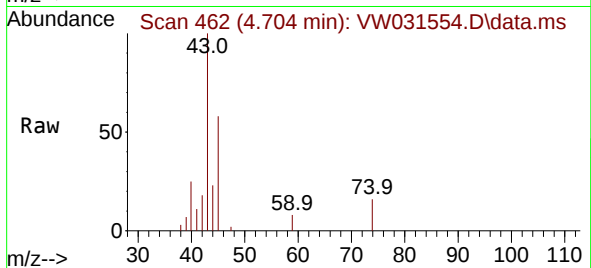




#15
Methyl Acetate
Concen: 2.622 ug/L
RT: 4.704 min Scan# 461
Delta R.T. 0.006 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

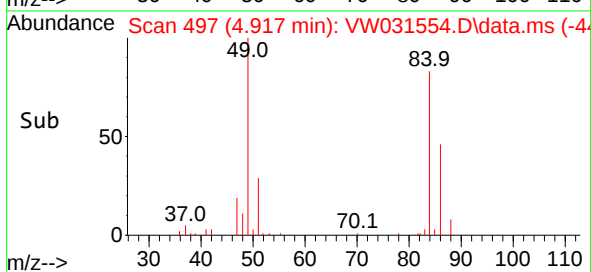
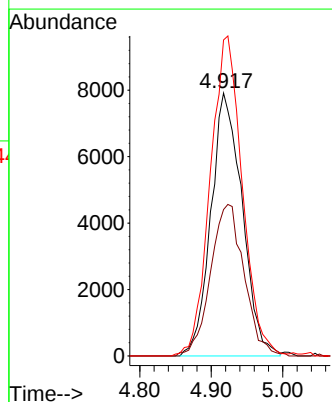
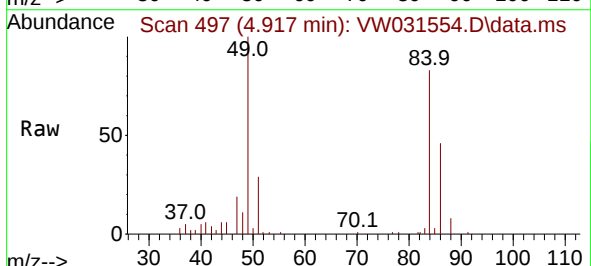
Instrument :
MSVOA_W
ClientSampleId :

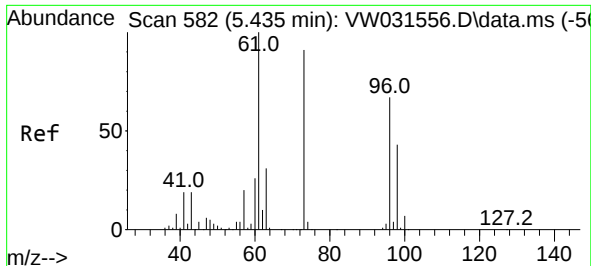
Tgt Ion: 43 Resp: 8706
Ion Ratio Lower Upper
43 100
74 5.0 10.6 15.8#



#16
Methylene chloride
Concen: 2.598 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

Tgt Ion: 84 Resp: 24034
Ion Ratio Lower Upper
84 100
86 55.7 47.0 87.2
49 120.2 89.8 166.8





#17

trans-1,2-Dichloroethene

Concen: 2.507 ug/L

RT: 5.435 min Scan# 582

Delta R.T. -0.000 min

Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

Instrument :

MSVOA_W

ClientSampleId :

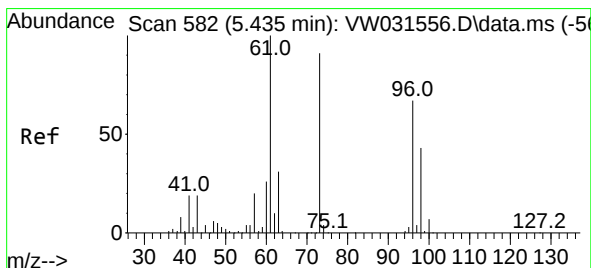
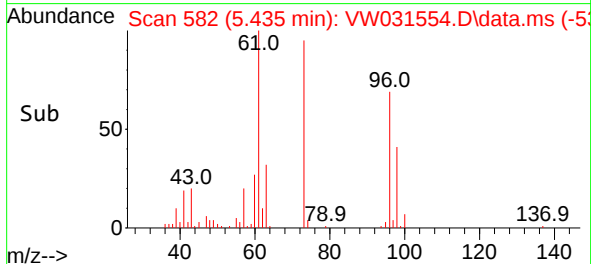
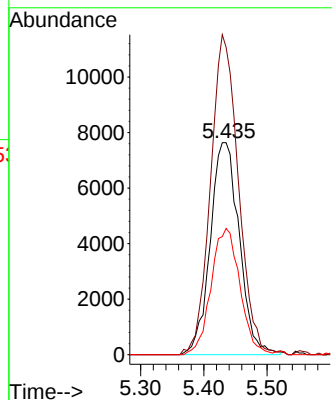
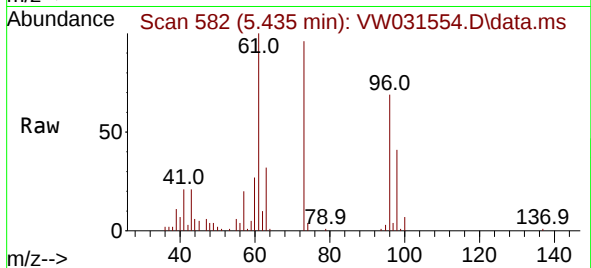
Tgt Ion: 96 Resp: 24338

Ion Ratio Lower Upper

96 100

61 144.9 105.1 195.1

98 59.6 44.9 83.3



#18

Methyl tert-butyl Ether

Concen: 2.533 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

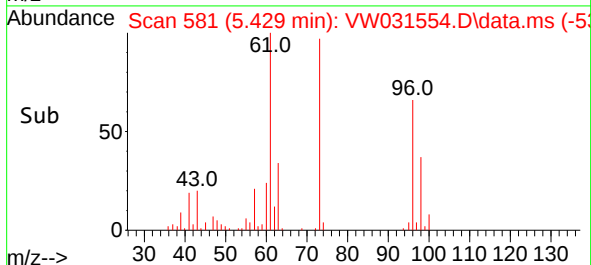
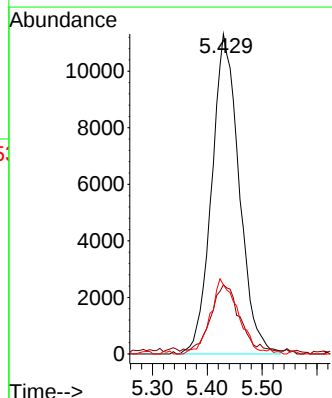
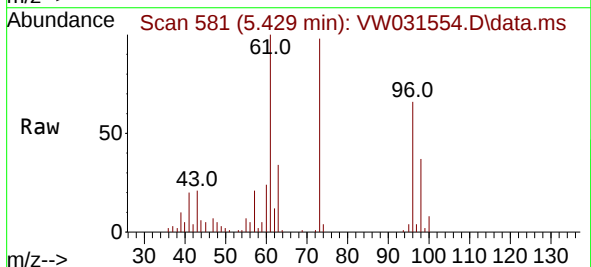
Tgt Ion: 73 Resp: 39419

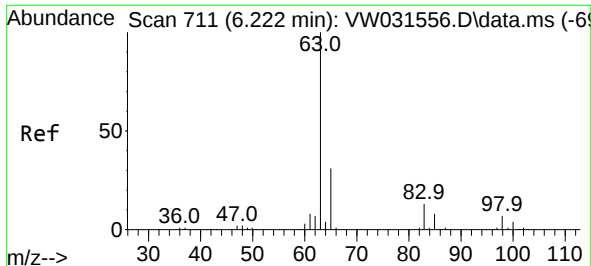
Ion Ratio Lower Upper

73 100

43 20.7 16.4 24.6

57 21.4 18.2 27.2





#19

1,1-Dichloroethane

Concen: 2.457 ug/L

RT: 6.222 min Scan# 711

Delta R.T. -0.000 min

Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

Instrument :

MSVOA_W

ClientSampleId :

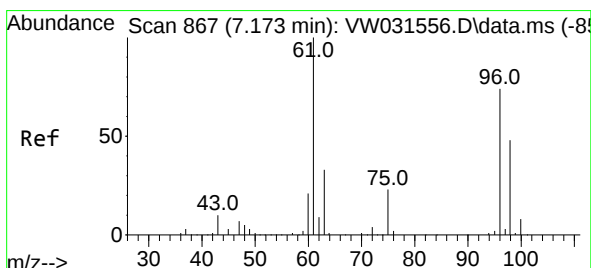
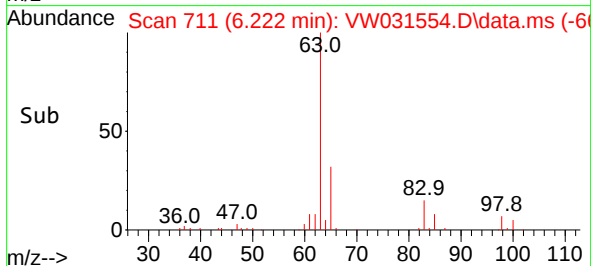
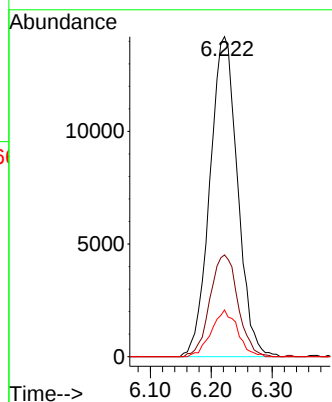
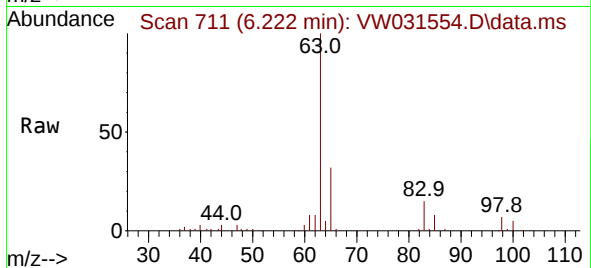
Tgt Ion: 63 Resp: 44864

Ion Ratio Lower Upper

63 100

65 31.8 22.0 41.0

83 14.6 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 2.412 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

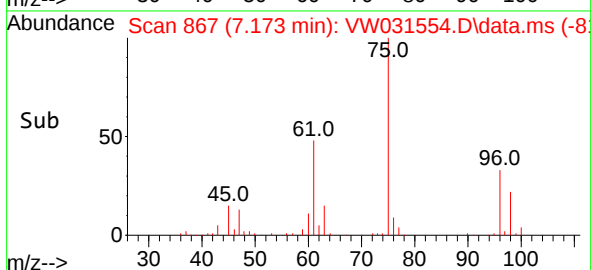
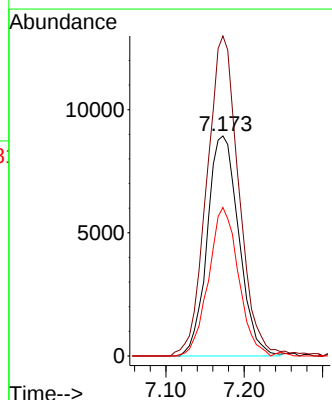
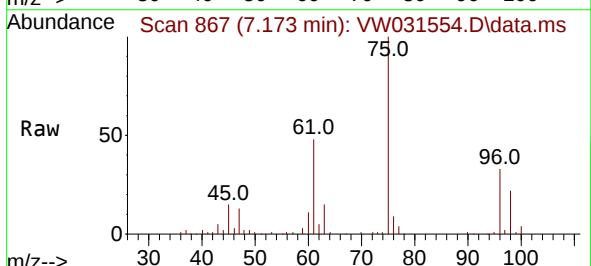
Tgt Ion: 96 Resp: 24992

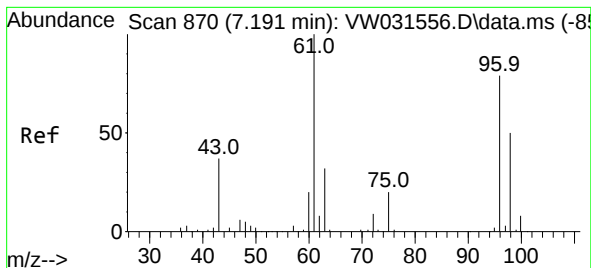
Ion Ratio Lower Upper

96 100

61 145.5 94.8 176.2

98 67.5 45.6 84.8





#22

2-Butanone

Concen: 5.441 ug/L

RT: 7.209 min Scan# 81

Delta R.T. 0.018 min

Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

Instrument :

MSVOA_W

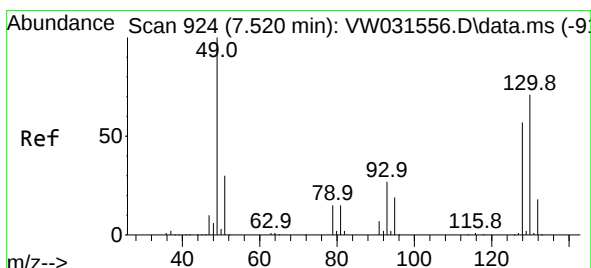
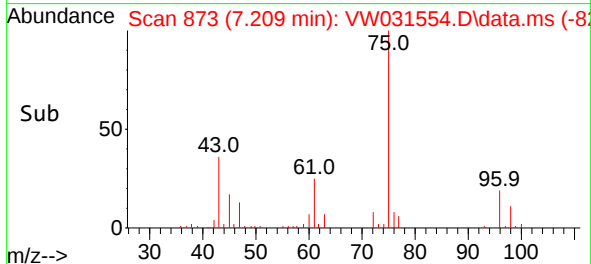
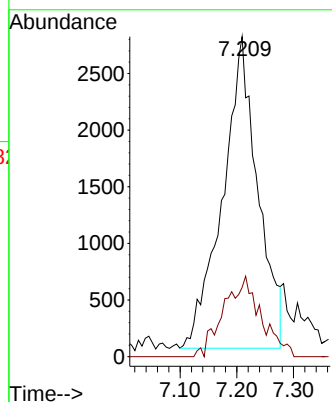
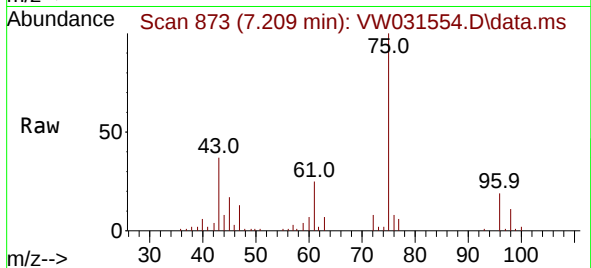
ClientSampleId :

Tgt Ion: 43 Resp: 11921

Ion Ratio Lower Upper

43 100

72 9.9 13.2 39.5#



#23

Bromochloromethane

Concen: 2.429 ug/L

RT: 7.520 min Scan# 924

Delta R.T. -0.000 min

Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

Tgt Ion: 128 Resp: 9860

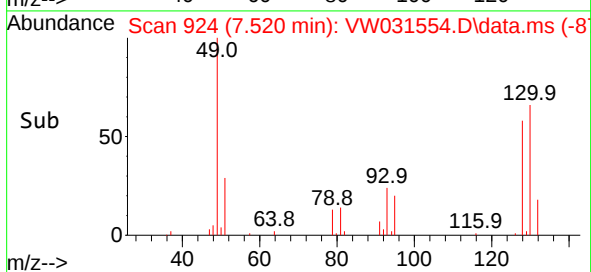
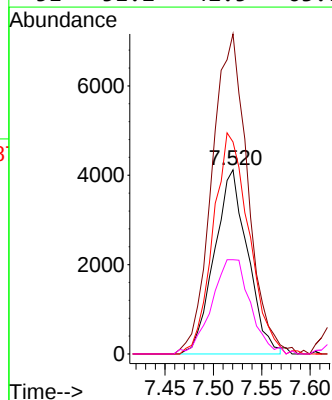
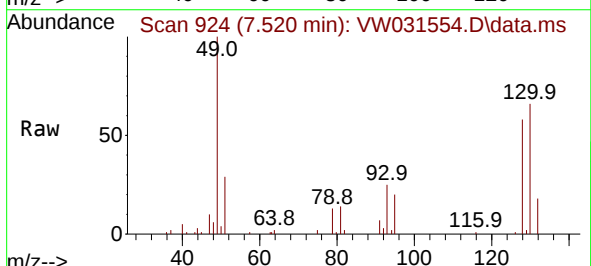
Ion Ratio Lower Upper

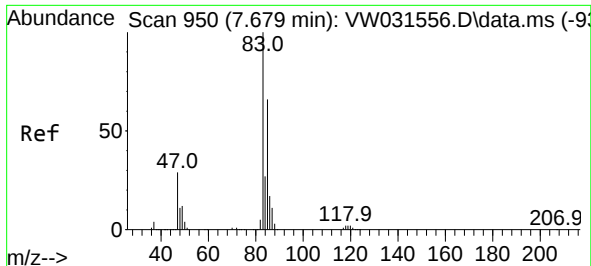
128 100

49 173.8 123.9 230.1

130 115.1 88.1 163.7

51 51.2 42.5 63.7

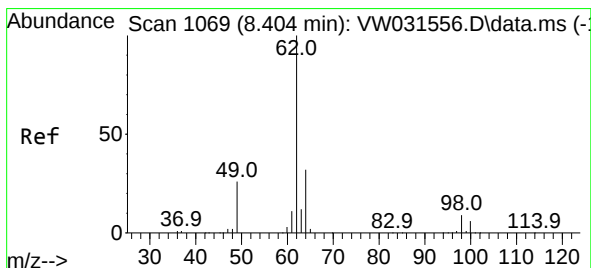
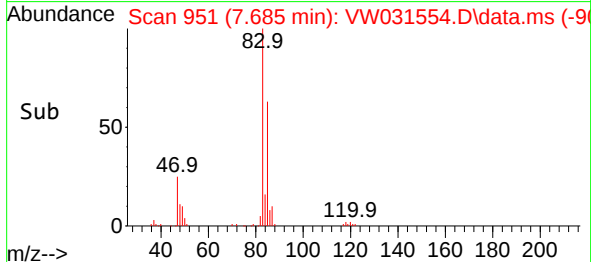
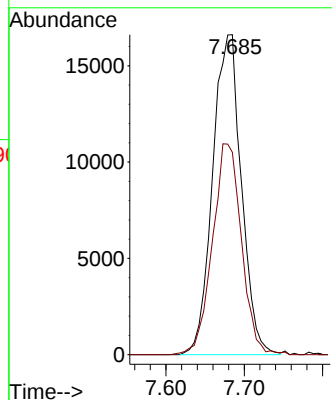
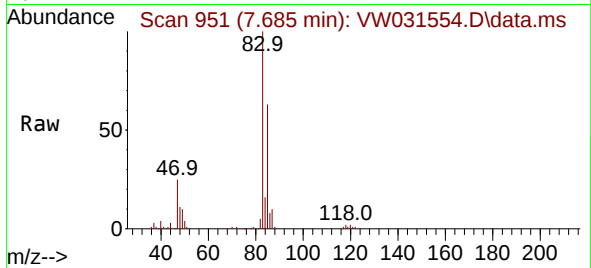




#25
Chloroform
Concen: 2.441 ug/L
RT: 7.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

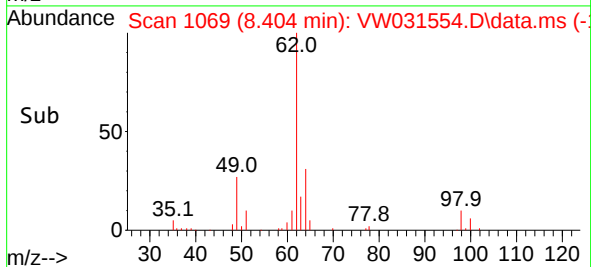
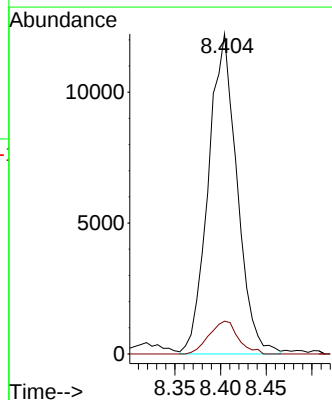
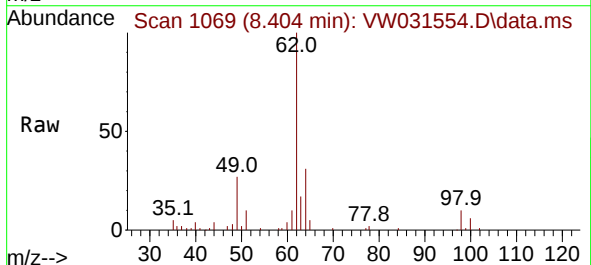
Instrument :
MSVOA_W
ClientSampleId :

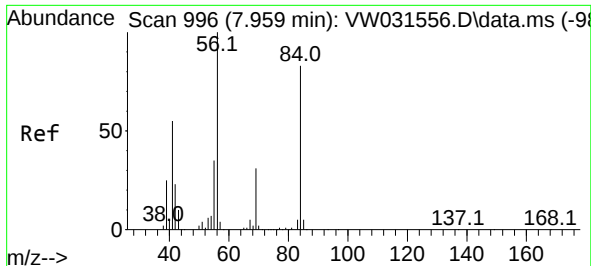
Tgt Ion: 83 Resp: 42402
Ion Ratio Lower Upper
83 100
85 63.2 46.2 85.8



#27
1,2-Dichloroethane
Concen: 2.498 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

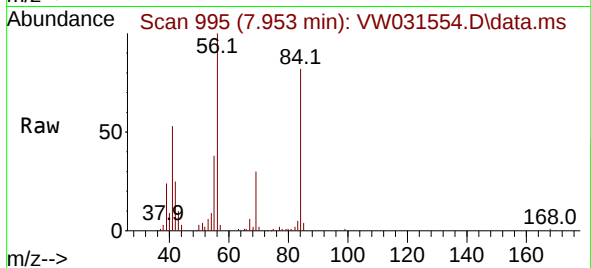
Tgt Ion: 62 Resp: 26728
Ion Ratio Lower Upper
62 100
98 10.3 7.3 10.9



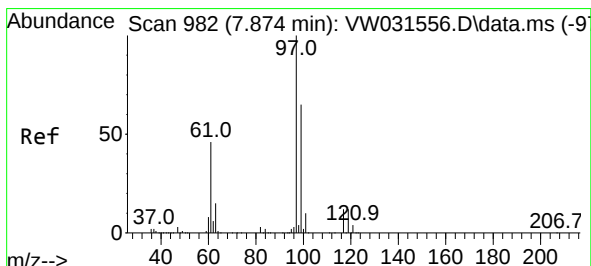
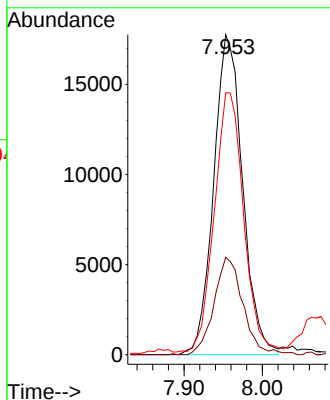
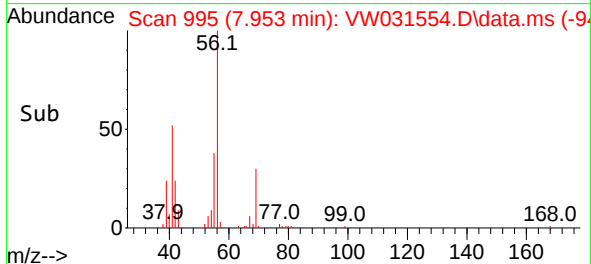


#29
Cyclohexane
Concen: 2.509 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

Instrument :
MSVOA_W
ClientSampleId :

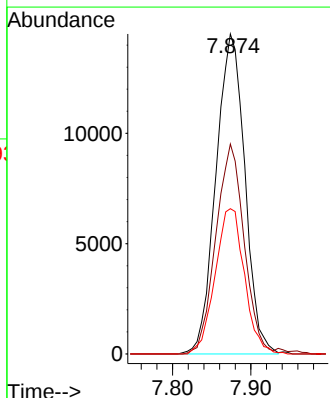
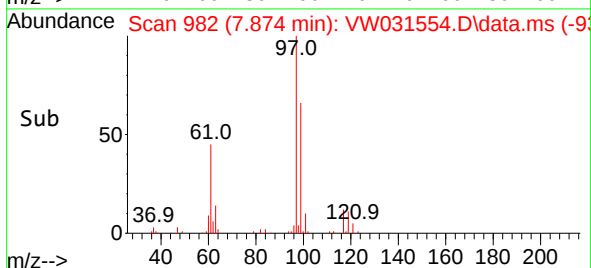
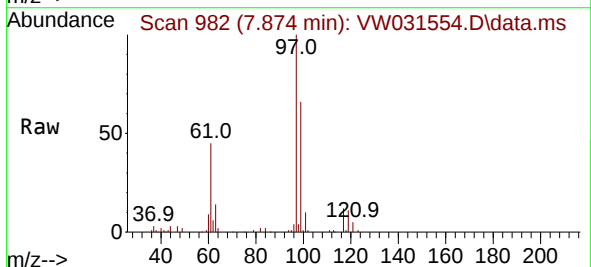


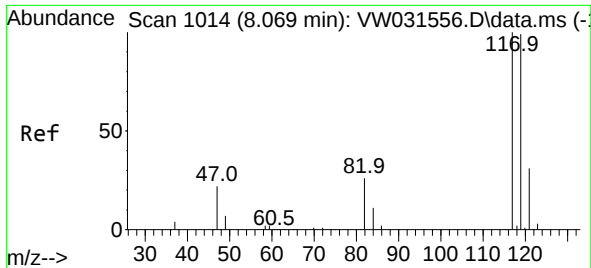
Tgt Ion:	56	Resp:	45571
Ion Ratio	Lower	Upper	
56	100		
69	29.8	25.2	37.8
84	81.2	66.3	99.5



#30
1,1,1-Trichloroethane
Concen: 2.527 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

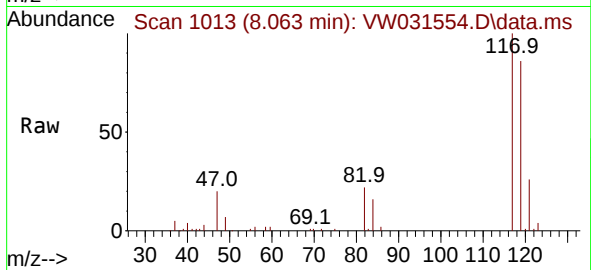
Tgt Ion:	97	Resp:	37173
Ion Ratio	Lower	Upper	
97	100		
99	64.2	52.2	78.4
61	46.1	36.9	55.3



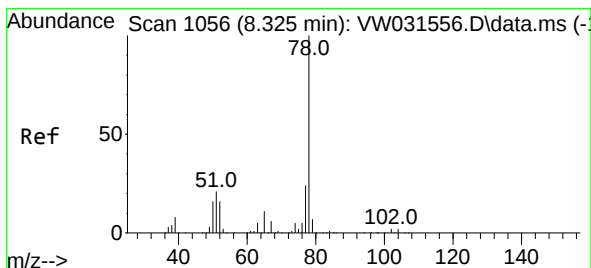
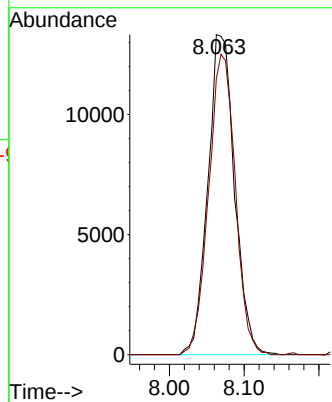
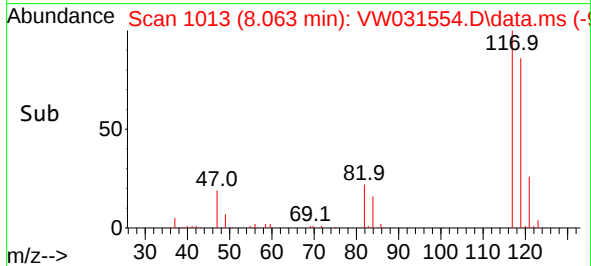


#31
Carbon tetrachloride
Concen: 2.541 ug/L
RT: 8.063 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

Instrument :
MSVOA_W
ClientSampleId :

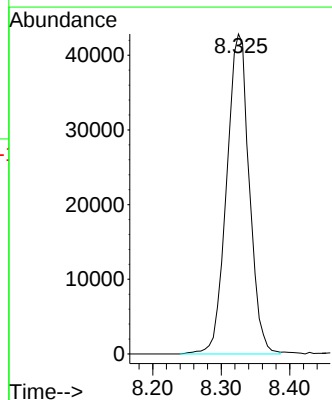
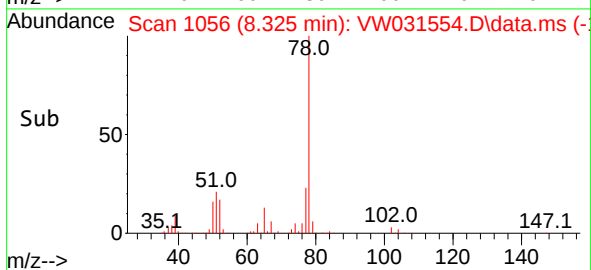
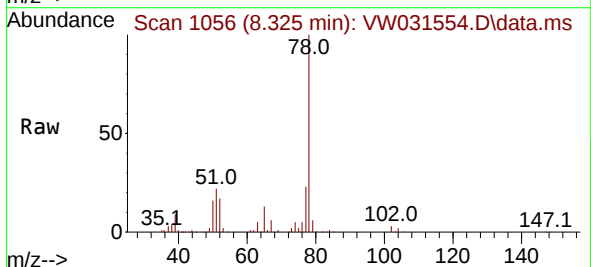


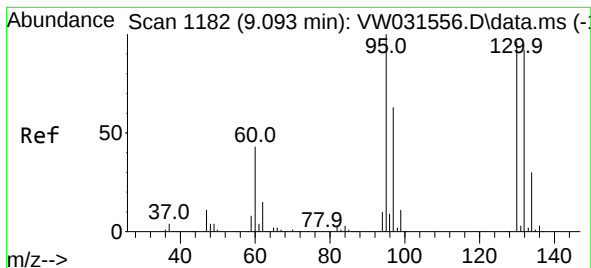
Tgt Ion:117 Resp: 33145
Ion Ratio Lower Upper
117 100
119 93.5 77.4 116.0



#33
Benzene
Concen: 2.530 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

Tgt Ion: 78 Resp: 98134





#34

Trichloroethene

Concen: 2.528 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 26358

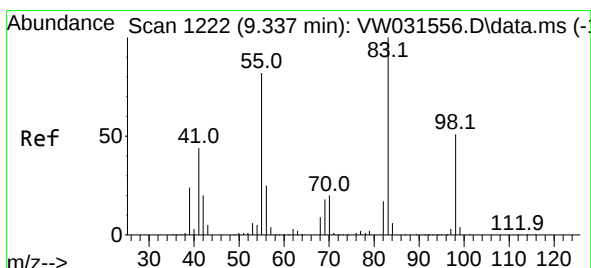
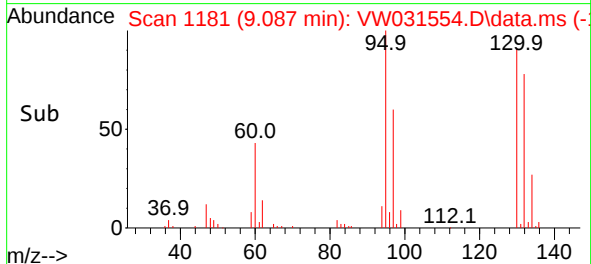
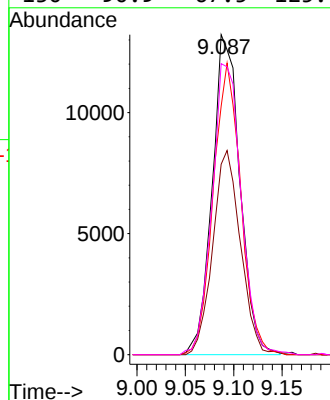
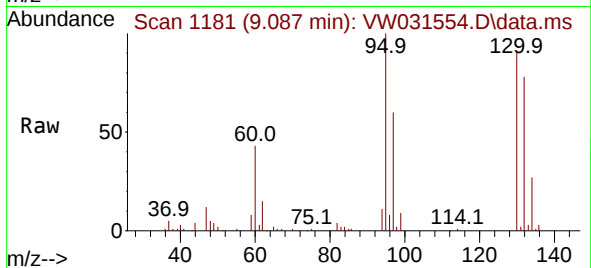
Ion Ratio Lower Upper

95 100

97 59.5 44.0 81.6

132 77.7 64.6 120.0

130 90.9 67.5 125.4



#35

Methylcyclohexane

Concen: 2.471 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

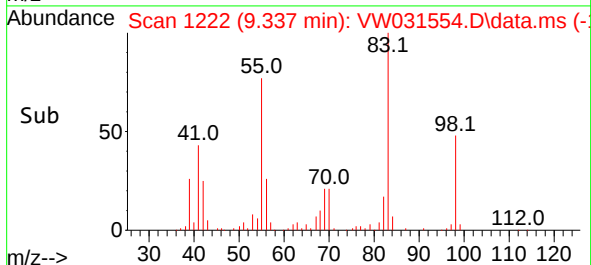
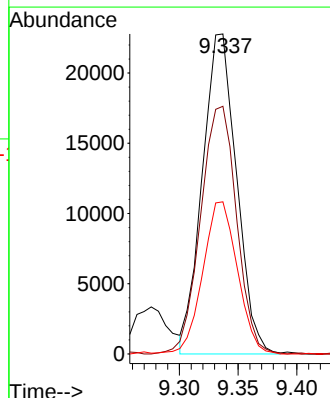
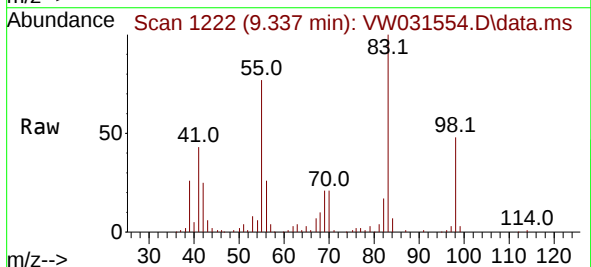
Tgt Ion: 83 Resp: 46202

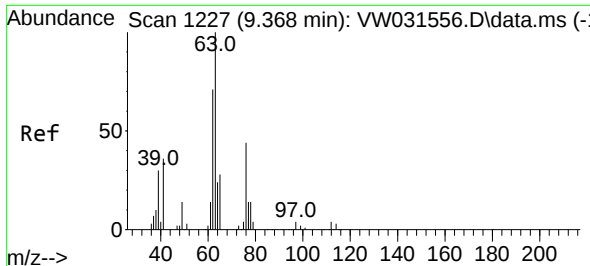
Ion Ratio Lower Upper

83 100

55 81.4 63.4 95.2

98 48.1 38.8 58.2





#37

1,2-Dichloropropane

Concen: 2.561 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

Instrument :

MSVOA_W

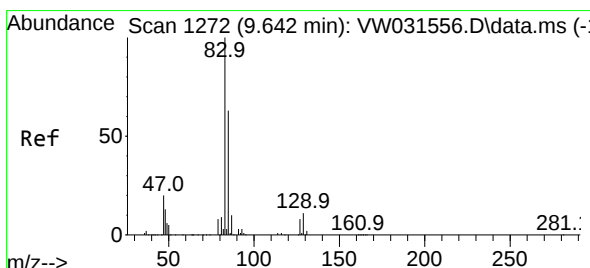
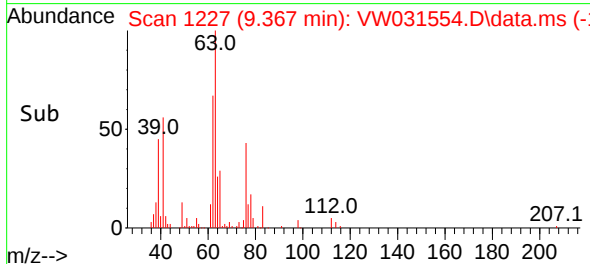
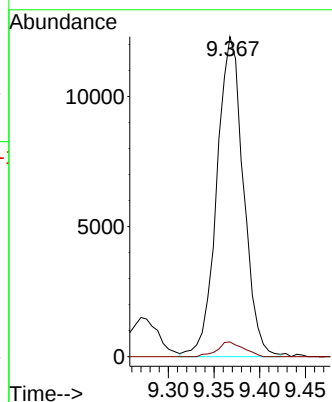
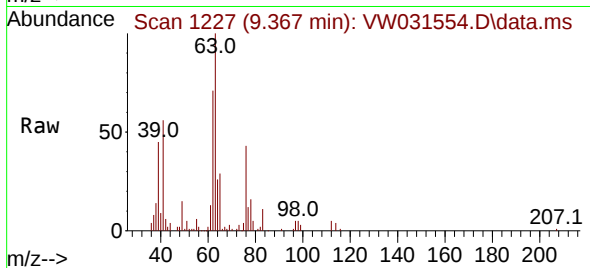
ClientSampleId :

Tgt Ion: 63 Resp: 24964

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 2.502 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

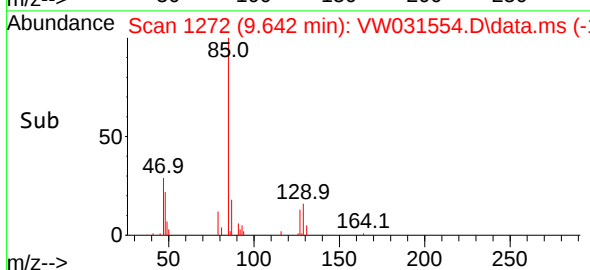
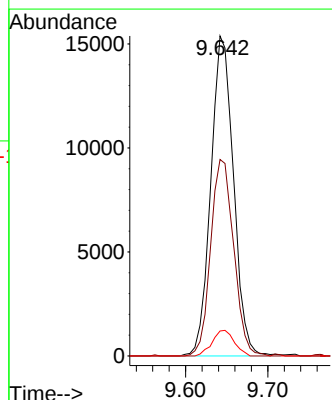
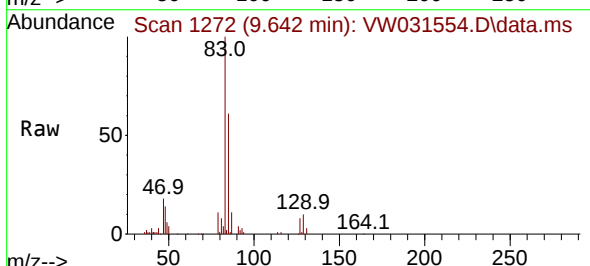
Tgt Ion: 83 Resp: 29505

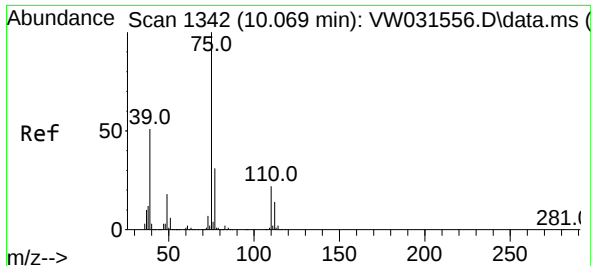
Ion Ratio Lower Upper

83 100

85 61.4 43.8 81.3

127 7.8 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 2.408 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

Instrument :

MSVOA_W

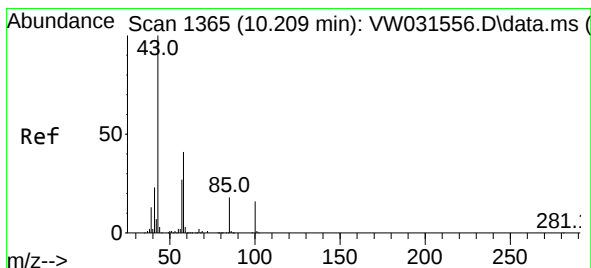
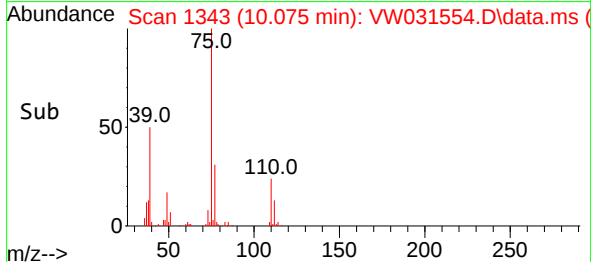
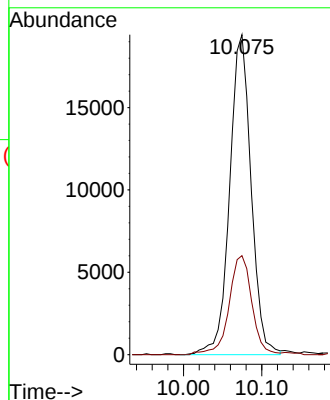
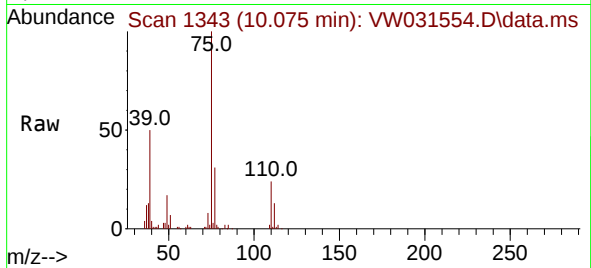
ClientSampleId :

Tgt Ion: 75 Resp: 36927

Ion Ratio Lower Upper

75 100

77 31.0 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 5.614 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

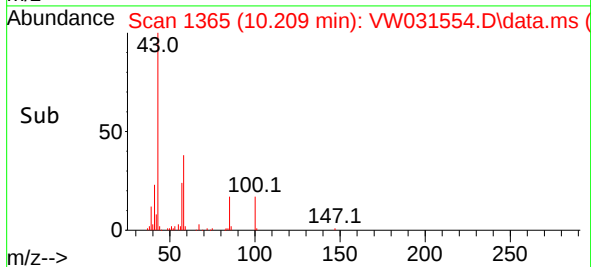
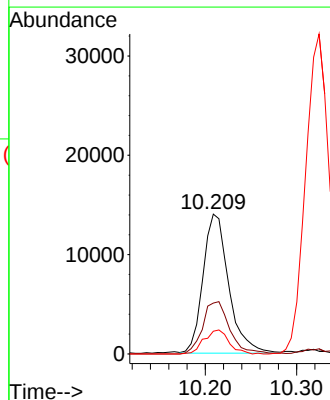
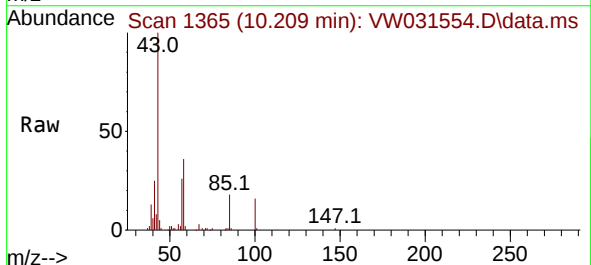
Tgt Ion: 43 Resp: 27320

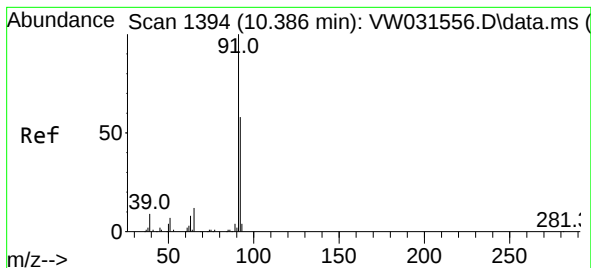
Ion Ratio Lower Upper

43 100

58 39.5 31.4 47.2

100 16.6 12.3 18.5





#42

Toluene

Concen: 2.513 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

Instrument :

MSVOA_W

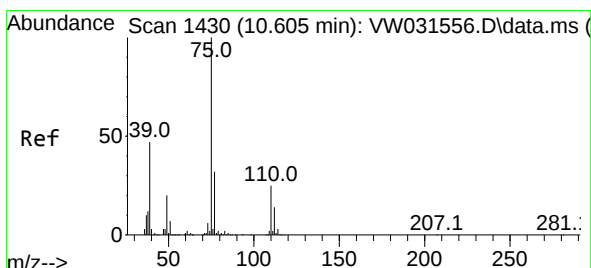
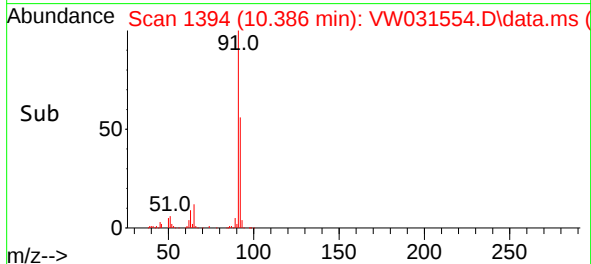
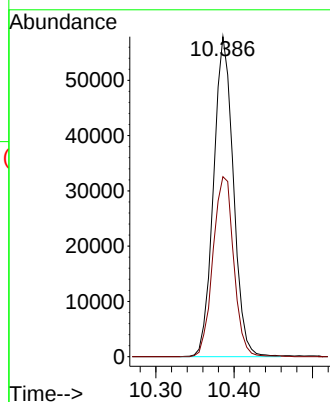
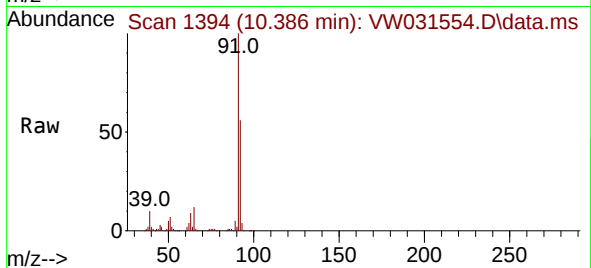
ClientSampleId :

Tgt Ion: 91 Resp: 101880

Ion Ratio Lower Upper

91 100

92 56.3 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 2.415 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW031554.D

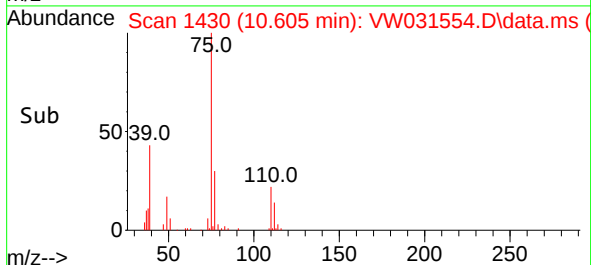
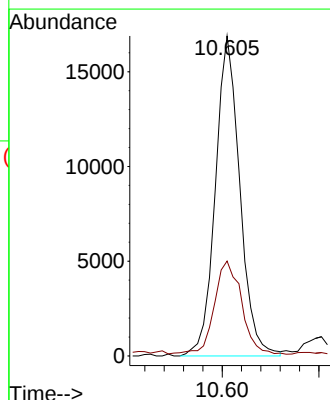
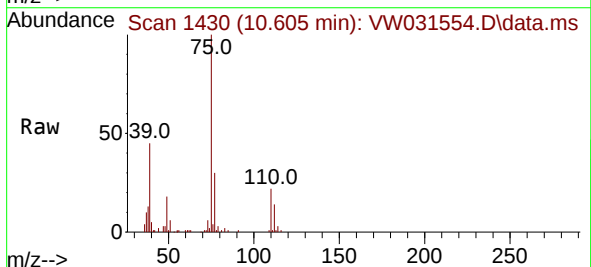
Acq: 10 Jan 2025 09:45

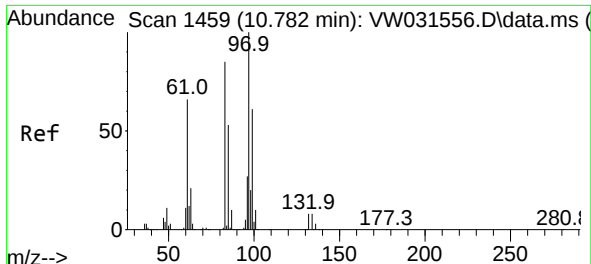
Tgt Ion: 75 Resp: 29604

Ion Ratio Lower Upper

75 100

77 29.6 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 2.541 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

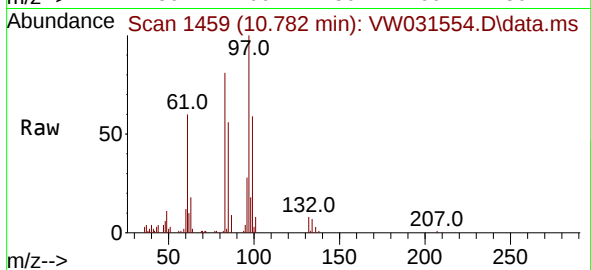
Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 15878

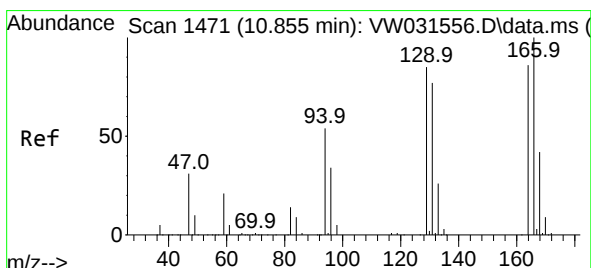
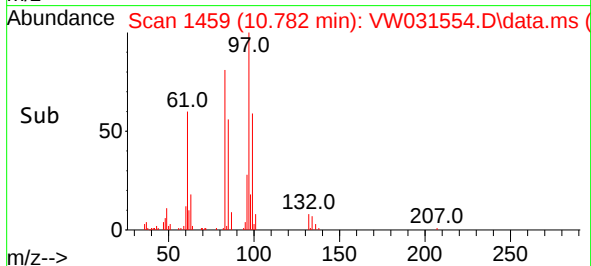
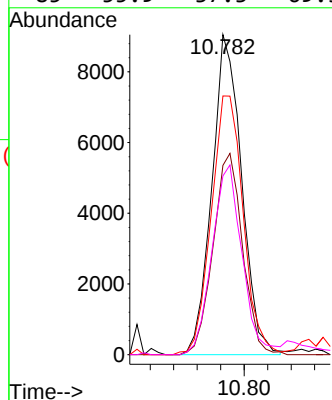
Ion Ratio Lower Upper

97 100

99 59.1 42.6 79.2

83 80.8 59.6 110.8

85 55.9 37.3 69.3



#46

Tetrachloroethene

Concen: 2.572 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

Tgt Ion: 164 Resp: 19245

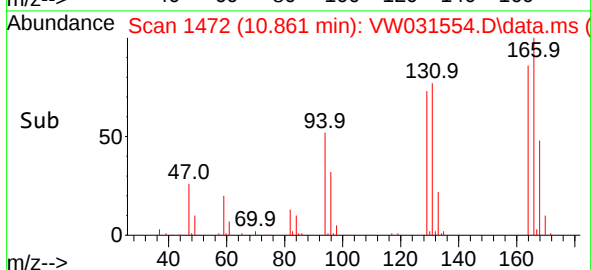
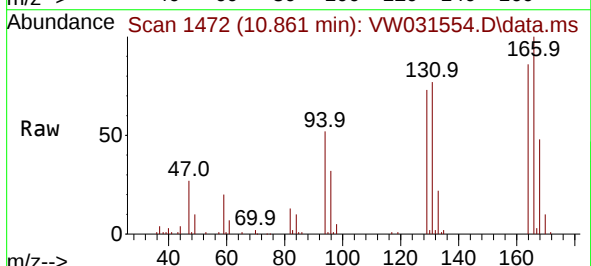
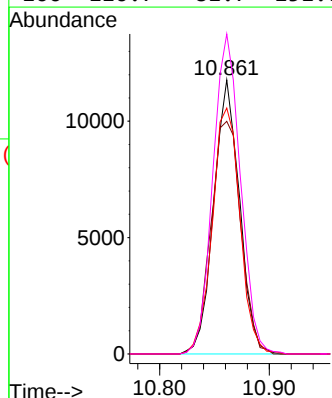
Ion Ratio Lower Upper

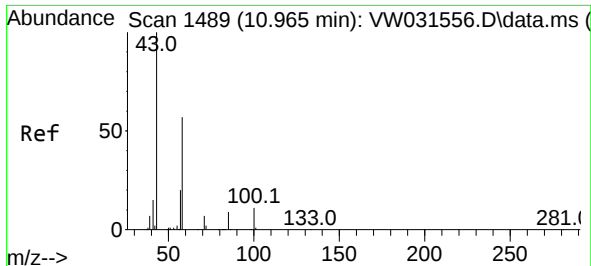
164 100

129 84.9 69.8 129.6

131 89.7 63.1 117.1

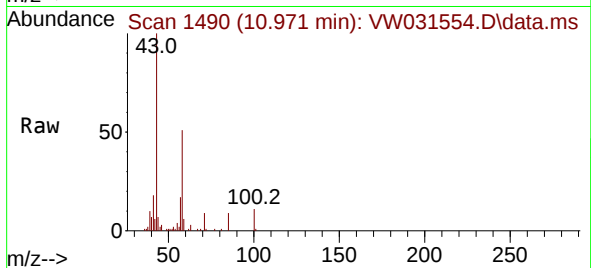
166 116.7 81.7 151.7



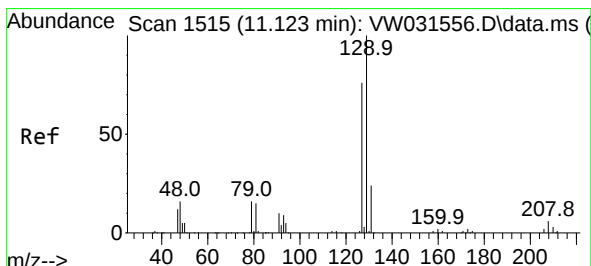
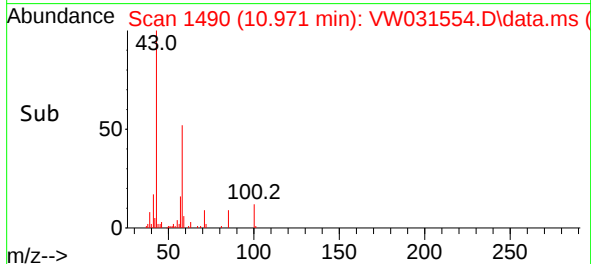
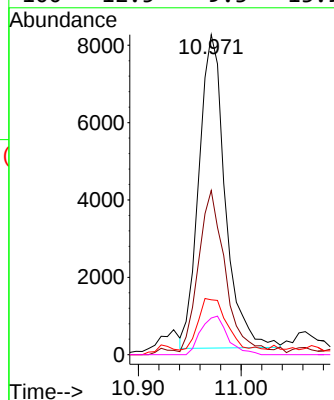


#48
2-Hexanone
Concen: 4.846 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

Instrument :
MSVOA_W
ClientSampleId :

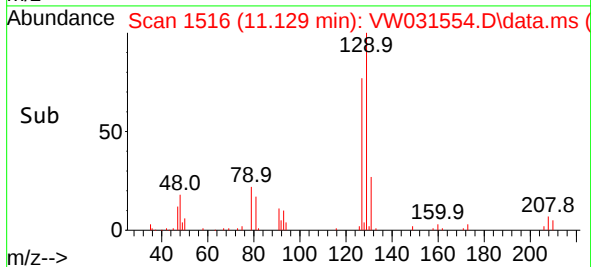
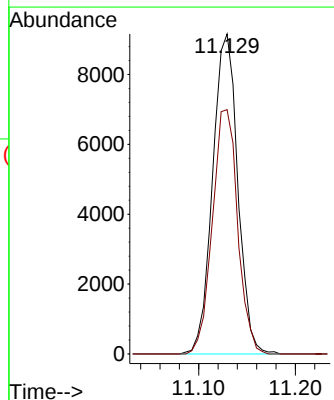
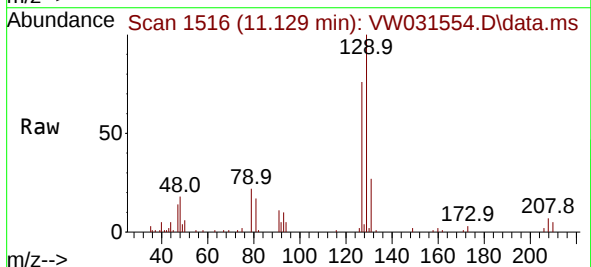


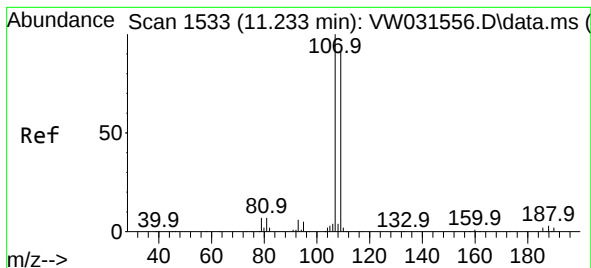
Tgt Ion: 43 Resp: 14409
Ion Ratio Lower Upper
43 100
58 54.4 44.8 67.2
57 20.6 15.6 23.4
100 12.5 9.3 13.9



#49
Dibromochloromethane
Concen: 2.402 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

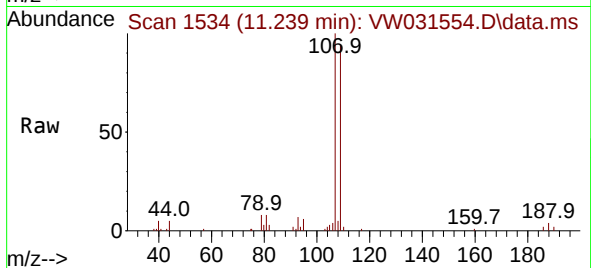
Tgt Ion:129 Resp: 16517
Ion Ratio Lower Upper
129 100
127 76.4 53.0 98.4



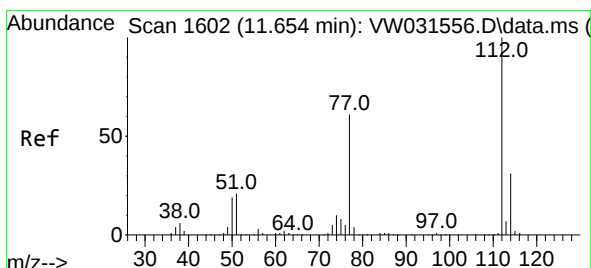
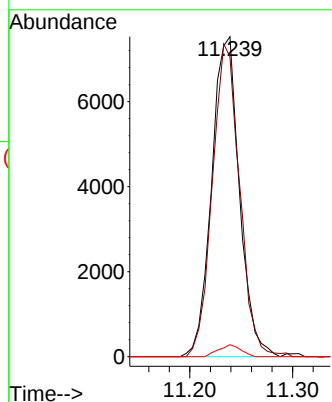
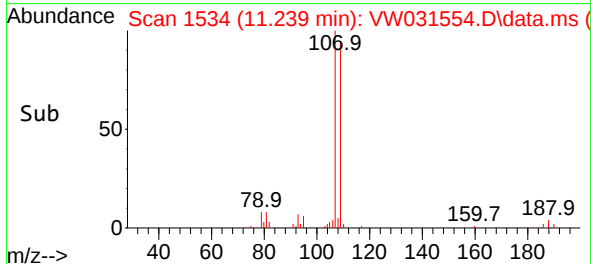


#50
1,2-Dibromoethane
Concen: 2.437 ug/L
RT: 11.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

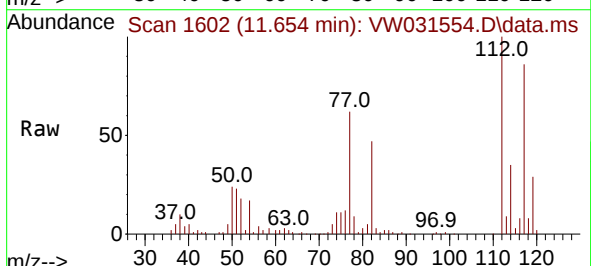
Instrument :
MSVOA_W
ClientSampleId :



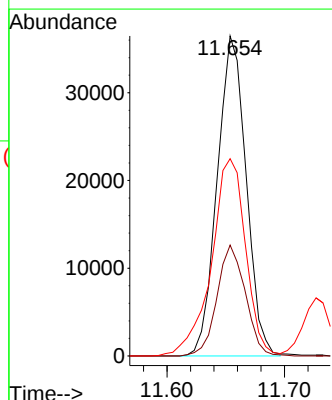
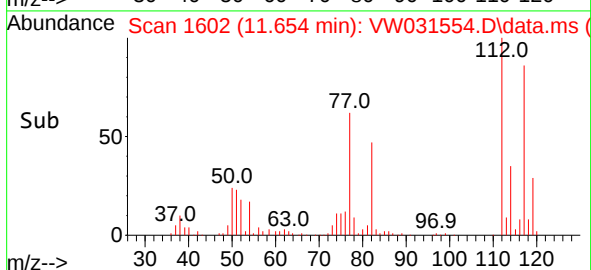
Tgt Ion:107 Resp: 14114
Ion Ratio Lower Upper
107 100
109 93.7 63.8 118.4
188 3.7 2.6 3.8

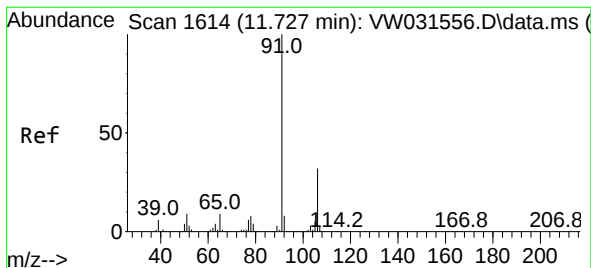


#51
Chlorobenzene
Concen: 2.493 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45



Tgt Ion:112 Resp: 62406
Ion Ratio Lower Upper
112 100
114 34.6 22.0 40.8
77 61.7 49.0 73.4

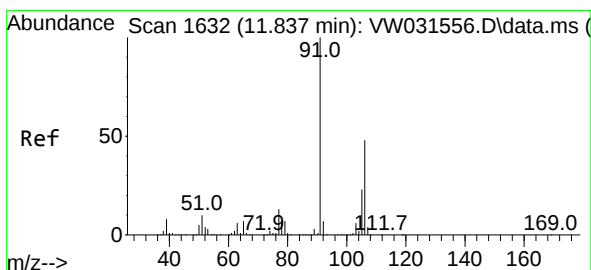
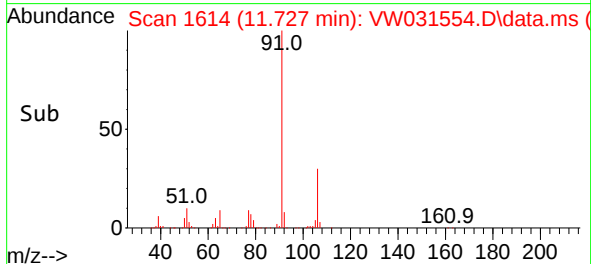
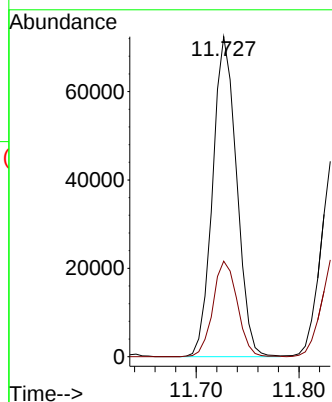
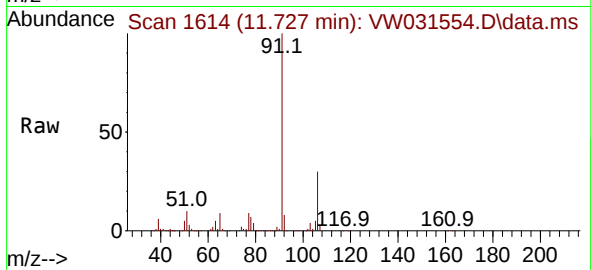




#52
Ethylbenzene
Concen: 2.522 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

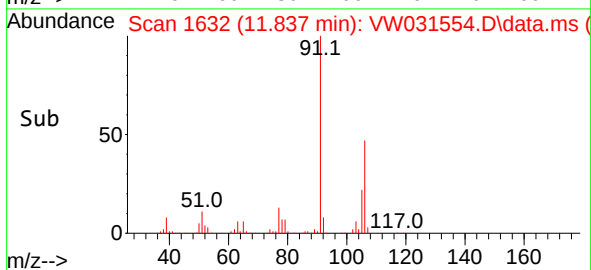
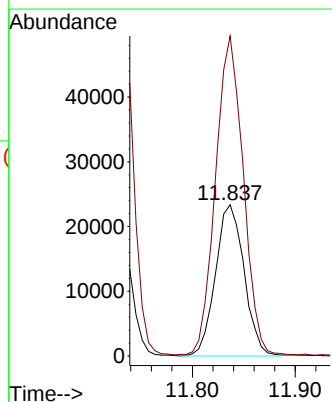
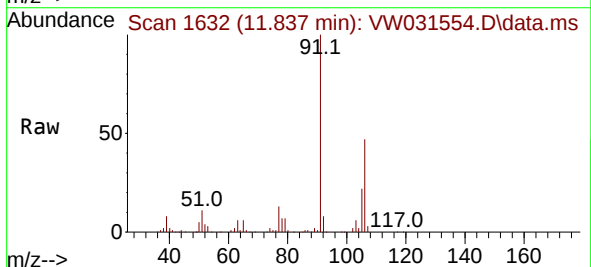
Instrument :
MSVOA_W
ClientSampleId :

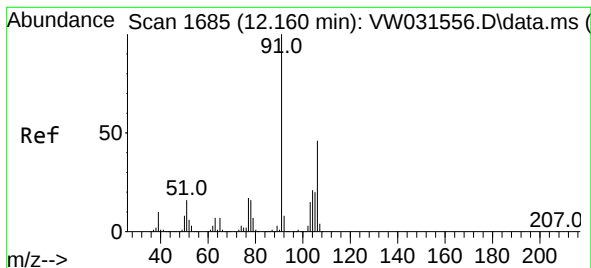
Tgt Ion: 91 Resp: 117330
Ion Ratio Lower Upper
91 100
106 29.9 22.3 41.3



#53
m,p-Xylene
Concen: 2.542 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

Tgt Ion:106 Resp: 45087
Ion Ratio Lower Upper
106 100
91 211.7 145.9 270.9

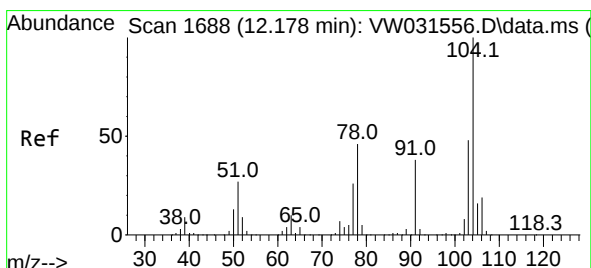
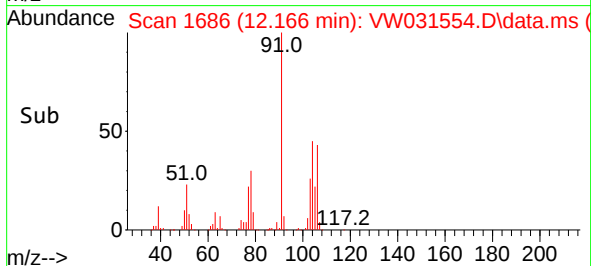
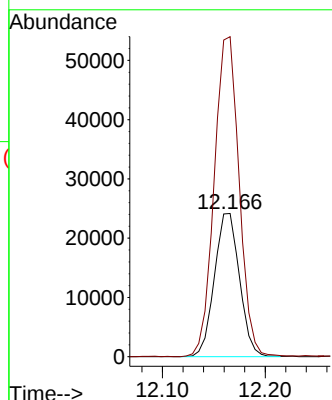
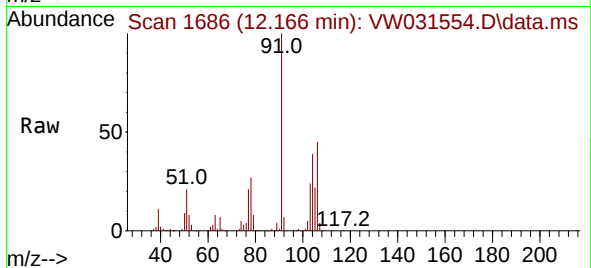




#54
o-Xylene
Concen: 2.482 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

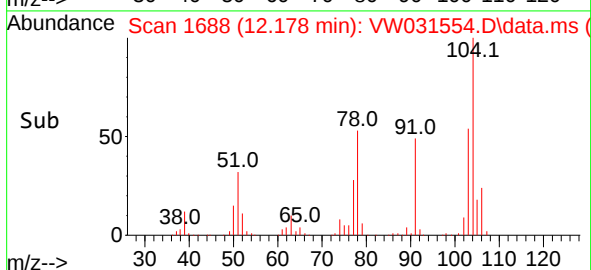
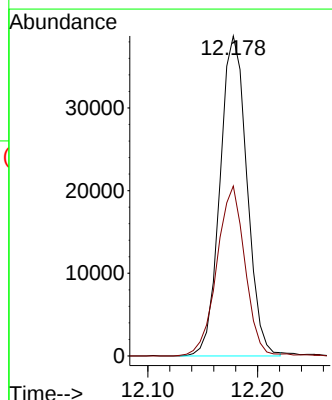
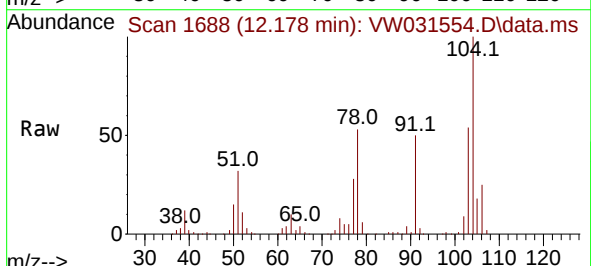
Instrument :
MSVOA_W
ClientSampleId :

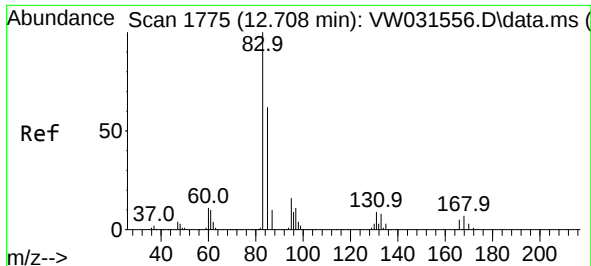
Tgt Ion:106 Resp: 40923
Ion Ratio Lower Upper
106 100
91 223.5 152.9 284.1



#55
Styrene
Concen: 2.406 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

Tgt Ion:104 Resp: 65985
Ion Ratio Lower Upper
104 100
78 53.1 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 2.683 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031554.D

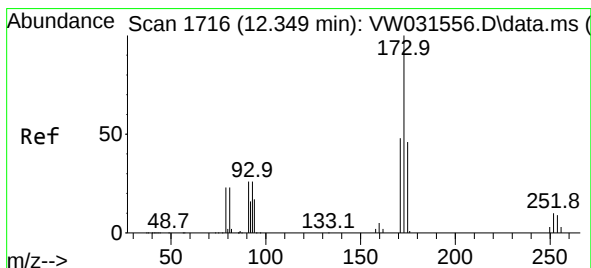
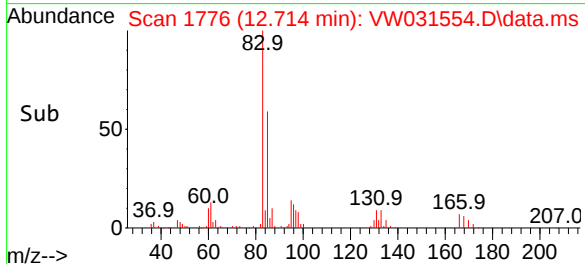
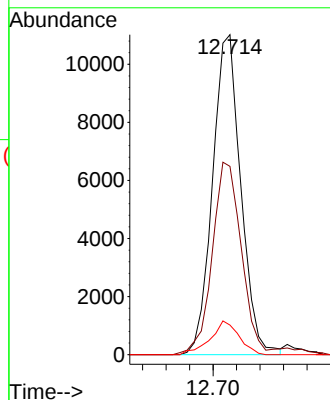
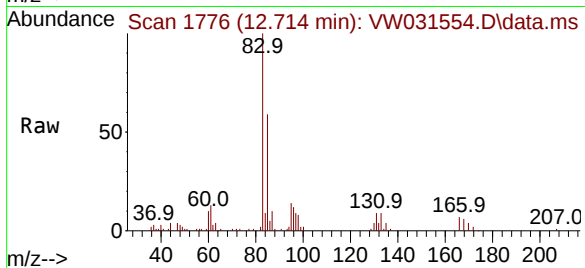
Acq: 10 Jan 2025 09:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	18420
Ion Ratio	Lower	Upper	
83	100		
85	58.8	44.1	81.9
131	9.3	7.4	11.0



#59

Bromoform

Concen: 2.332 ug/L

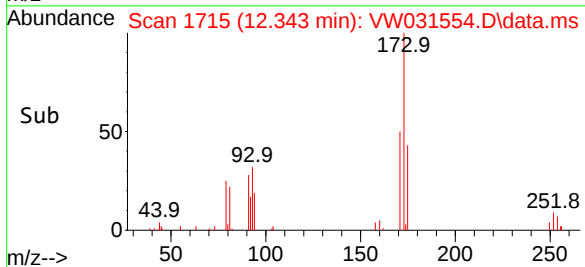
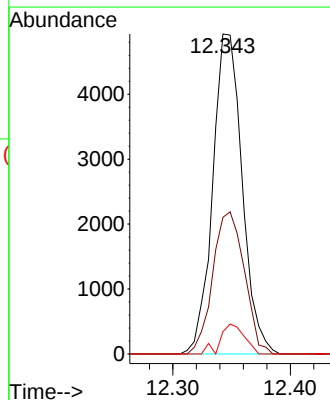
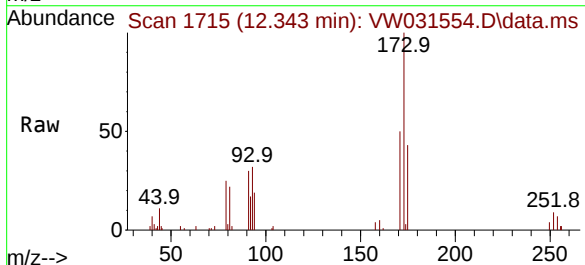
RT: 12.343 min Scan# 1715

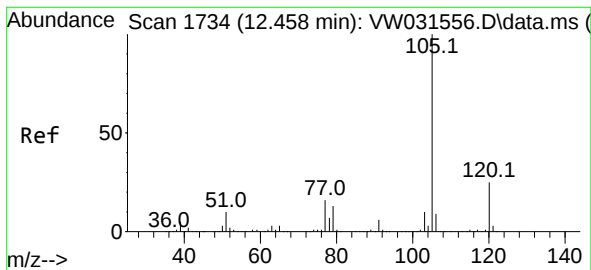
Delta R.T. -0.006 min

Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

Tgt Ion:	173	Resp:	8587
Ion Ratio	Lower	Upper	
173	100		
175	47.5	37.7	56.5
254	6.9	7.1	10.7#





#60

Isopropylbenzene

Concen: 2.425 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

Instrument :

MSVOA_W

ClientSampleId :

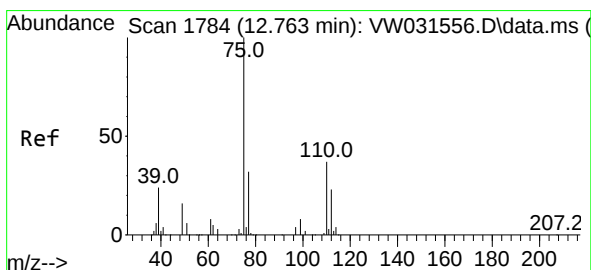
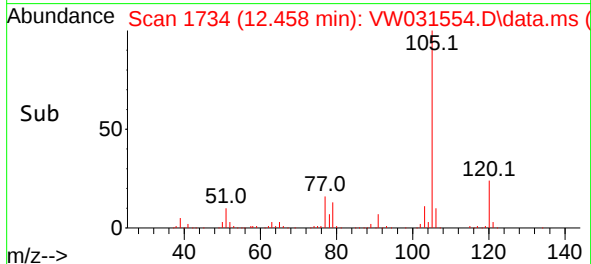
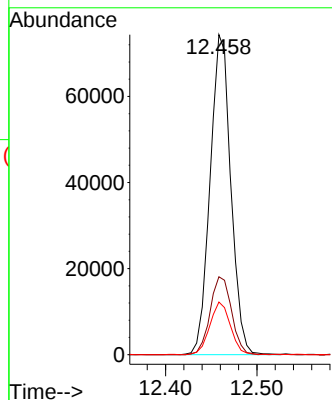
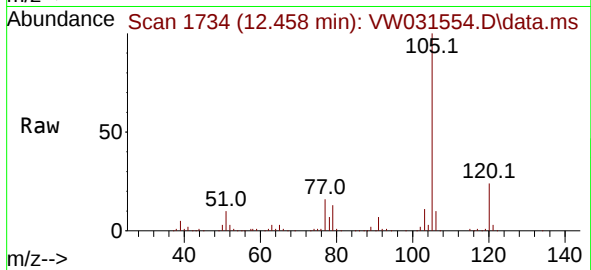
Tgt Ion:105 Resp: 117082

Ion Ratio Lower Upper

105 100

120 25.2 20.1 30.1

77 16.4 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 2.476 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

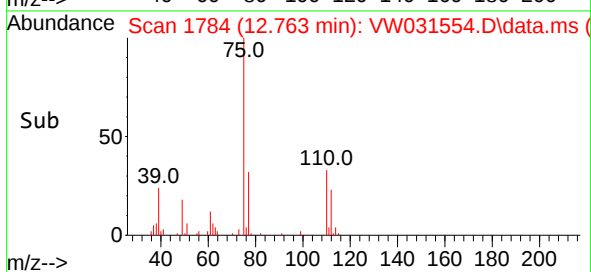
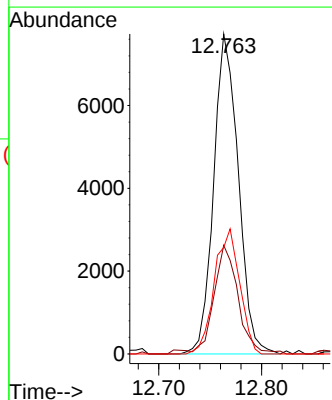
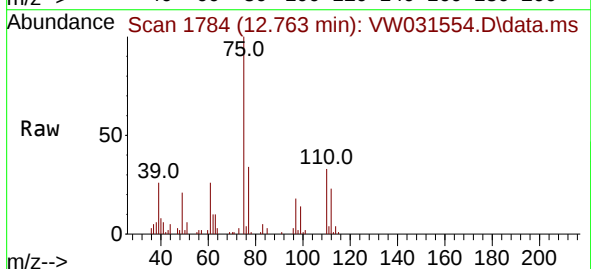
Tgt Ion: 75 Resp: 12852

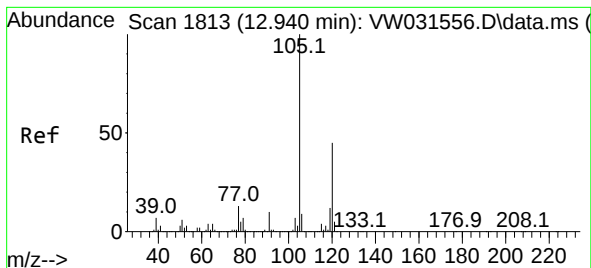
Ion Ratio Lower Upper

75 100

77 31.7 26.2 39.2

110 40.1 29.6 44.4

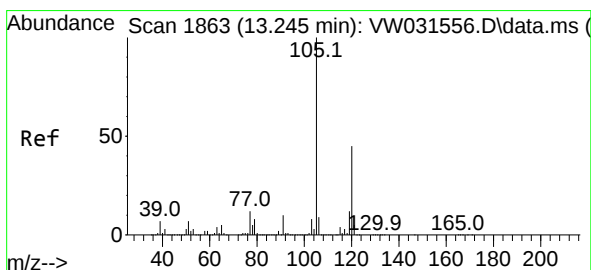
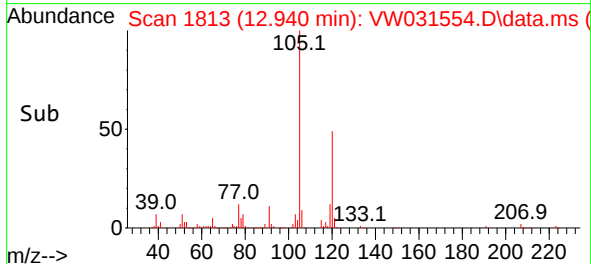
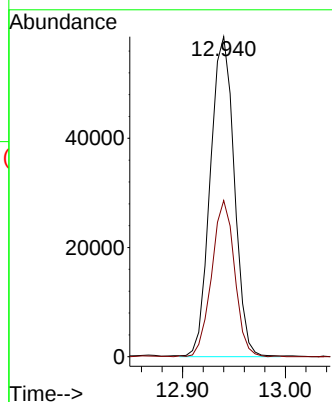
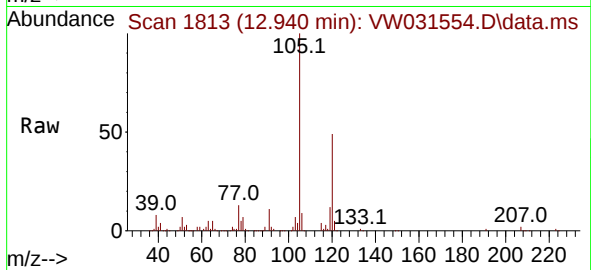




#62
1,3,5-Trimethylbenzene
Concen: 2.388 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

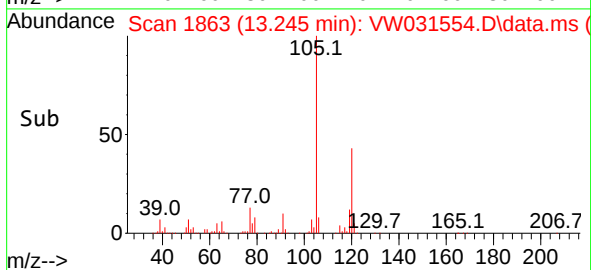
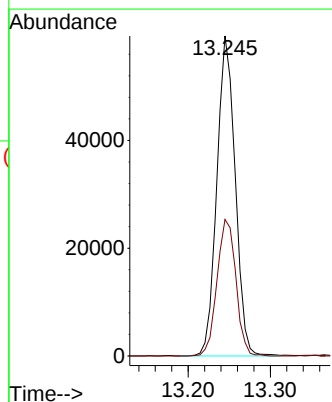
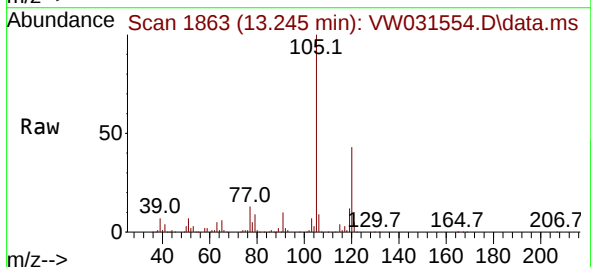
Instrument :
MSVOA_W
ClientSampleId :

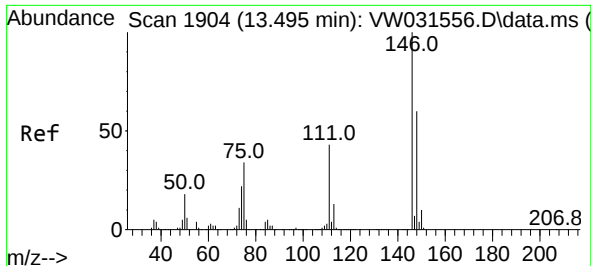
Tgt Ion:105 Resp: 94930
Ion Ratio Lower Upper
105 100
120 46.5 37.6 56.4



#63
1,2,4-Trimethylbenzene
Concen: 2.383 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

Tgt Ion:105 Resp: 92202
Ion Ratio Lower Upper
105 100
120 43.6 36.3 54.5

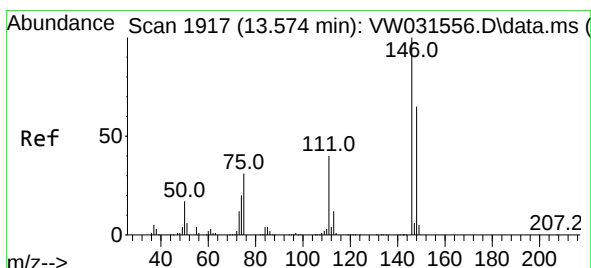
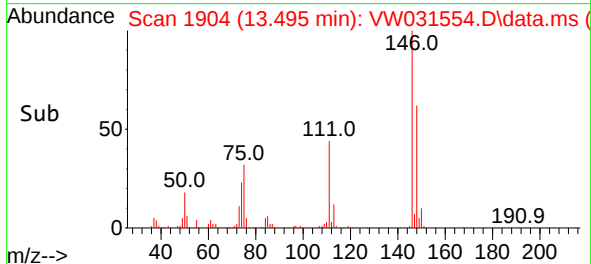
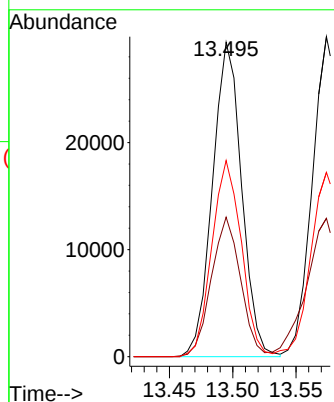
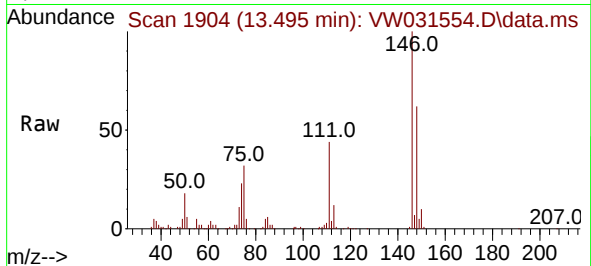




#64
1,3-Dichlorobenzene
Concen: 2.454 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

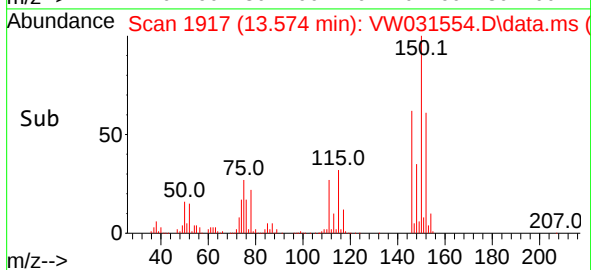
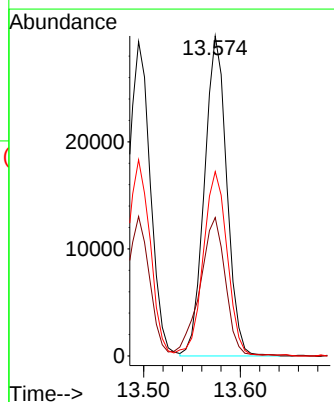
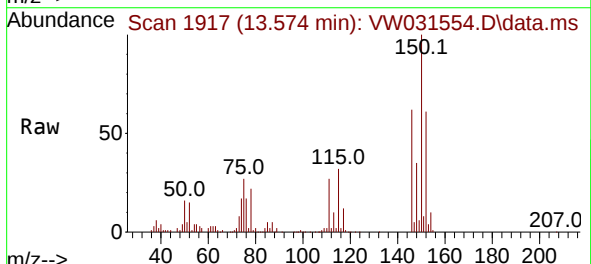
Instrument :
MSVOA_W
ClientSampleId :

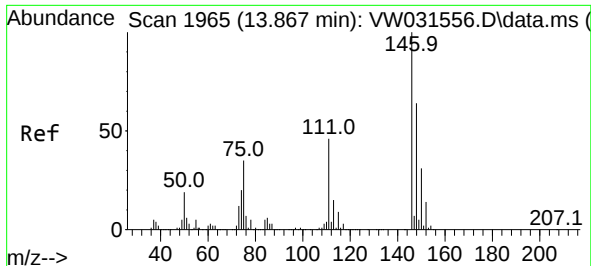
Tgt Ion:146 Resp: 46988
Ion Ratio Lower Upper
146 100
111 44.4 30.4 56.5
148 62.4 42.1 78.1



#65
1,4-Dichlorobenzene
Concen: 2.542 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031554.D
Acq: 10 Jan 2025 09:45

Tgt Ion:146 Resp: 48142
Ion Ratio Lower Upper
146 100
111 43.2 28.5 52.9
148 57.6 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 2.519 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

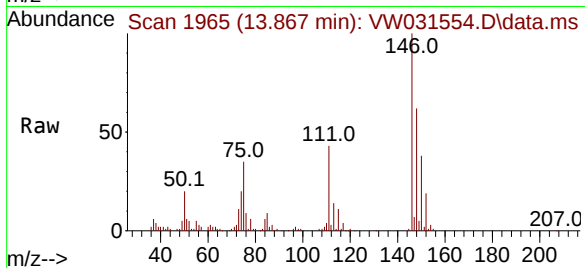
Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

Instrument :

MSVOA_W

ClientSampleId :



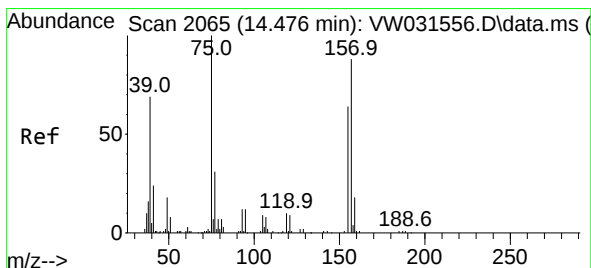
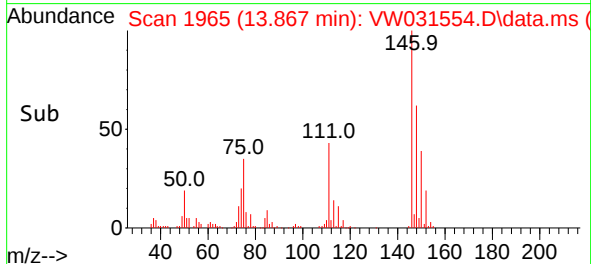
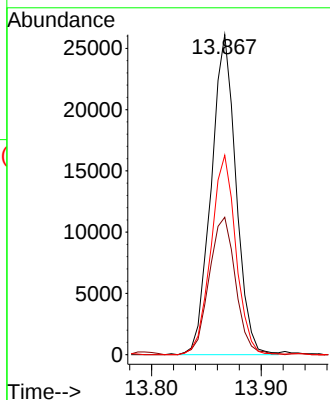
Tgt Ion:146 Resp: 41187

Ion Ratio Lower Upper

146 100

111 43.0 36.6 55.0

148 62.3 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 2.448 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

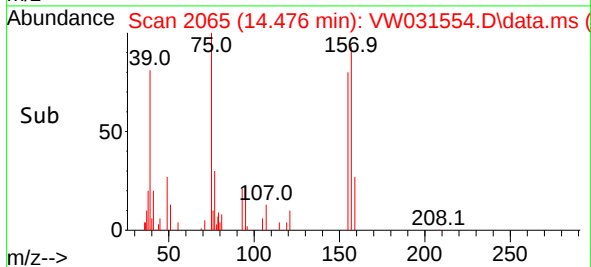
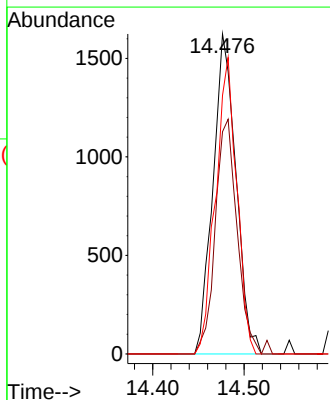
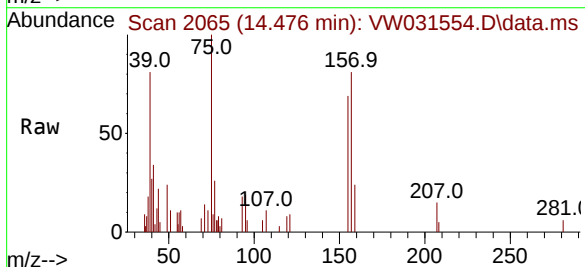
Tgt Ion: 75 Resp: 2840

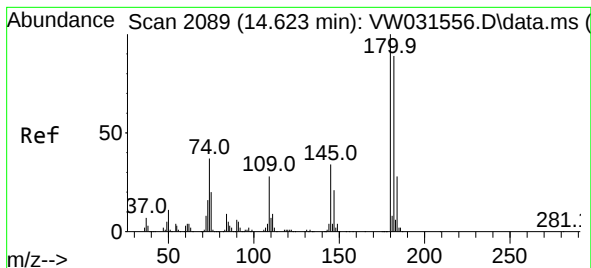
Ion Ratio Lower Upper

75 100

155 69.5 51.0 76.4

157 80.8 70.2 105.2





#69

1,3,5-Trichlorobenzene

Concen: 2.450 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

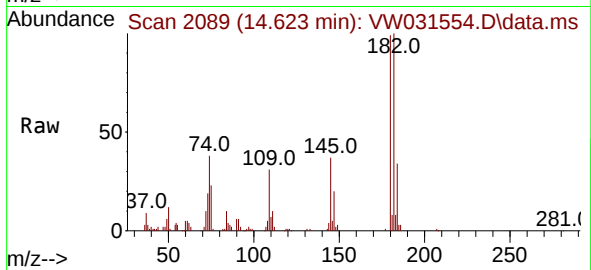
Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 31797

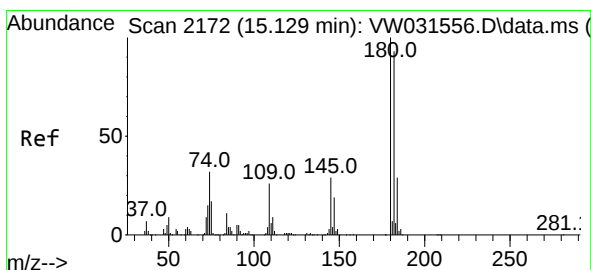
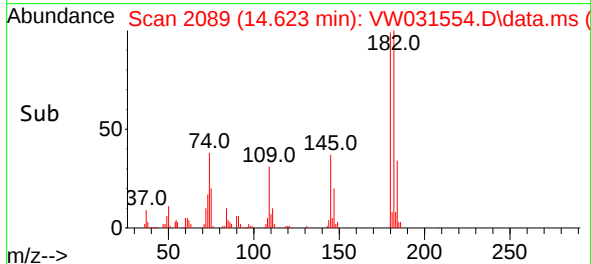
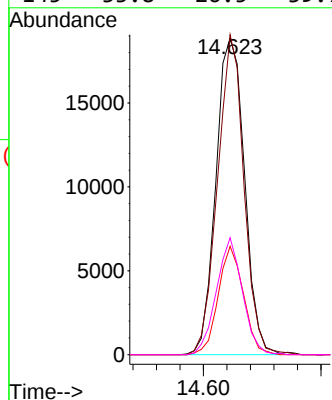
Ion Ratio Lower Upper

180 100

182 93.5 74.2 111.4

184 30.4 23.0 34.4

145 33.8 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 2.493 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

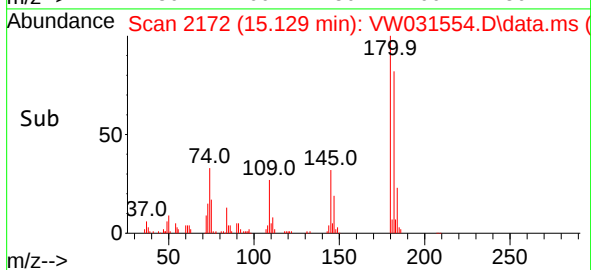
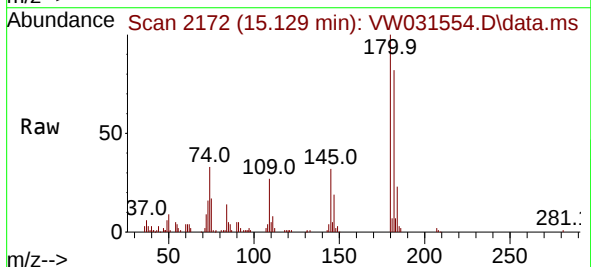
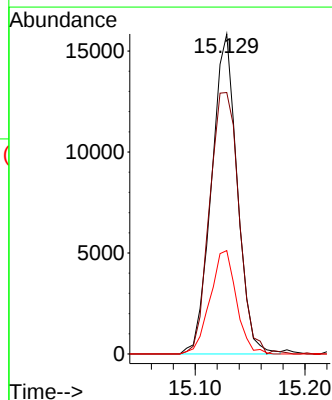
Tgt Ion:180 Resp: 25769

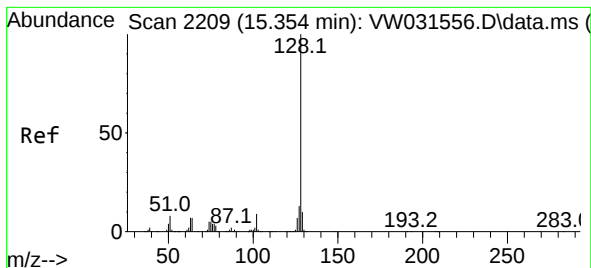
Ion Ratio Lower Upper

180 100

182 92.8 77.7 116.5

145 33.1 26.6 39.8





#71

Naphthalene

Concen: 2.335 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

Instrument :

MSVOA_W

ClientSampleId :

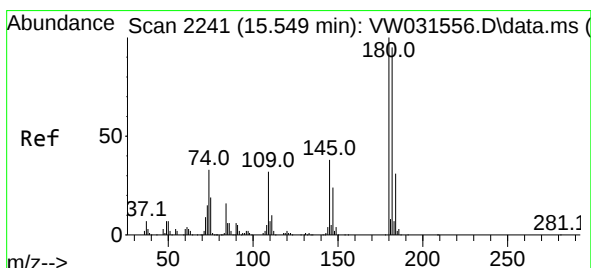
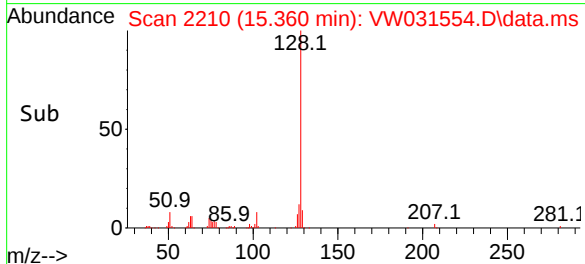
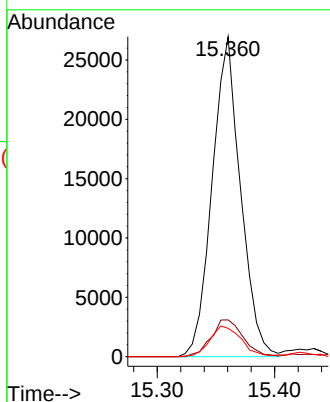
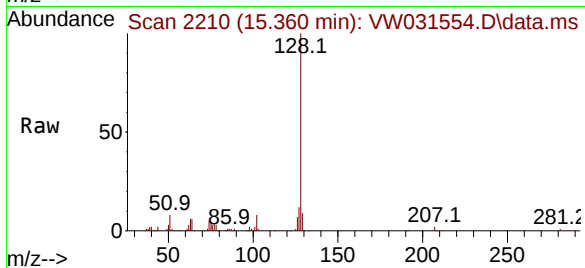
Tgt Ion:128 Resp: 45261

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 2.523 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW031554.D

Acq: 10 Jan 2025 09:45

Tgt Ion:180 Resp: 21965

Ion Ratio Lower Upper

180 100

182 90.4 76.9 115.3

145 34.1 30.1 45.1

