

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011025\
 Data File : VD080210.D
 Acq On : 10 Jan 2025 16:00
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 13 00:15:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM010925SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jan 13 00:09:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	170074	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	174121	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	96039	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	112362	22.526	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.120%
7) Chloroethane-d5	2.805	69	97889	24.149	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	3.916	65	26723	22.202	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.800%
21) 2-Butanone-d5	6.875	46	188	0.326	ug/L	-0.12
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.660%#
24) Chloroform-d	7.563	84	126076	23.623	ug/L	-0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.480%
26) 1,2-Dichloroethane-d4	8.228	65	70665	25.278	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.120%
32) Benzene-d6	8.199	84	253498	22.551	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	9.210	67	82857	22.271	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.080%
41) Toluene-d8	10.269	98	235342	22.972	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.880%
43) trans-1,3-Dichloroprop...	10.522	79	34390	22.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.480%
47) 2-Hexanone-d5	10.875	63	23327	50.310	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.620%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	72765	26.100	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	13.816	152	80765	22.371	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	79882	23.665	ug/L	100
3) Chloromethane	2.152	50	124331	27.019	ug/L	94
5) Vinyl chloride	2.287	62	145931	25.845	ug/L	100
6) Bromomethane	2.699	94	75435	22.940	ug/L	94
8) Chloroethane	2.840	64	93706	27.055	ug/L	100
9) Trichlorofluoromethane	3.175	101	120455	25.675	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	70973	26.514	ug/L	99
12) 1,1-Dichloroethene	3.934	96	59981	25.104	ug/L	92
13) Acetone	4.028	43	25698	56.302	ug/L	92
14) Carbon disulfide	4.269	76	228791	25.692	ug/L	100
15) Methyl Acetate	4.564	43	31296	27.398	ug/L #	72
16) Methylene chloride	4.799	84	76867	26.623	ug/L	95
17) trans-1,2-Dichloroethene	5.316	96	70666	27.188	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	144557	29.189	ug/L #	90
19) 1,1-Dichloroethane	6.116	63	137799	27.462	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	76107	27.843	ug/L	94
22) 2-Butanone	7.087	43	36298	55.816	ug/L	77
23) Bromochloromethane	7.428	128	38910	29.436	ug/L	91
25) Chloroform	7.593	83	161030	28.956	ug/L	95

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 Quant Title : SFAM01.0
 QLast Update : Mon Jan 13 00:09:32 2025
 Response via : Initial Calibration

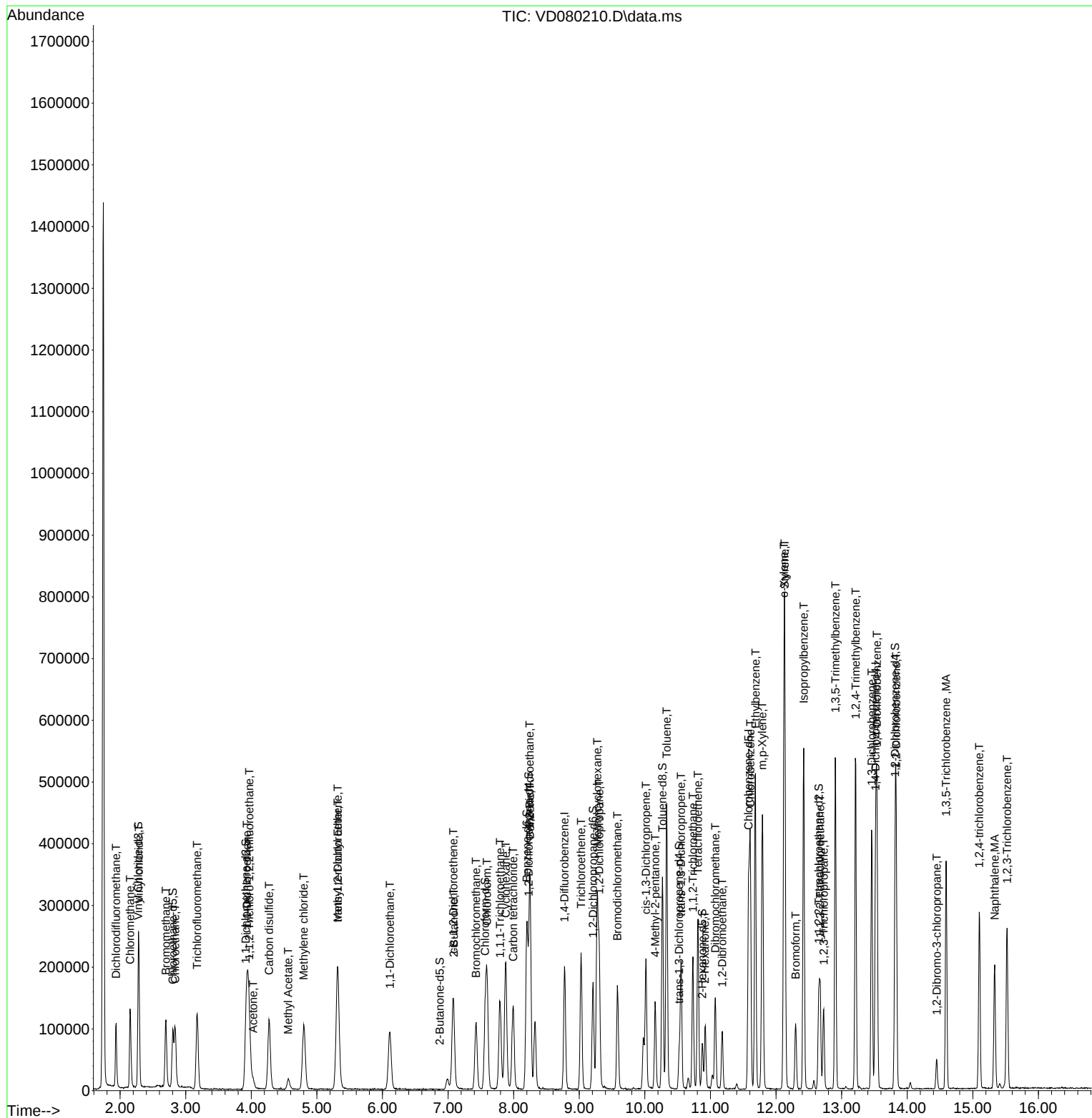
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.246	62	2030	0.626	ug/L	100
29) Cyclohexane	7.881	56	106618	24.337	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	118231	25.630	ug/L	99
31) Carbon tetrachloride	7.993	117	105525	25.918	ug/L	100
33) Benzene	8.252	78	312472	26.391	ug/L	100
34) Trichloroethene	9.028	95	76930	25.088	ug/L	94
35) Methylcyclohexane	9.275	83	117857	25.847	ug/L	98
37) 1,2-Dichloropropane	9.304	63	89420	27.720	ug/L	99
38) Bromodichloromethane	9.581	83	111933	27.677	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	122760	26.925	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	90983	57.457	ug/L	99
42) Toluene	10.334	91	342433	27.681	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	113752	28.890	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	66351	28.171	ug/L	98
46) Tetrachloroethene	10.810	164	62085	25.128	ug/L	96
48) 2-Hexanone	10.916	43	65411	60.584	ug/L	99
49) Dibromochloromethane	11.075	129	75265	28.694	ug/L	98
50) 1,2-Dibromoethane	11.181	107	60701	28.358	ug/L	92
51) Chlorobenzene	11.610	112	209648	26.436	ug/L	100
52) Ethylbenzene	11.687	91	363199	27.362	ug/L	98
53) m,p-Xylene	11.793	106	138711	27.962	ug/L	92
54) o-Xylene	12.122	106	129230	27.847	ug/L	99
55) Styrene	12.134	104	242441	28.844	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	80805	30.264	ug/L #	91
59) Bromoform	12.298	173	46851	27.188	ug/L	98
60) Isopropylbenzene	12.422	105	346027	25.834	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	55170	27.166	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	275916	25.849	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	280624	26.950	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	169709	25.902	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	178246	26.348	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	156628	26.688	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	12136	27.482	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.592	180	112861	25.331	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	91798	25.249	ug/L	99
71) Naphthalene	15.334	128	171894	26.872	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	90131	26.692	ug/L	98

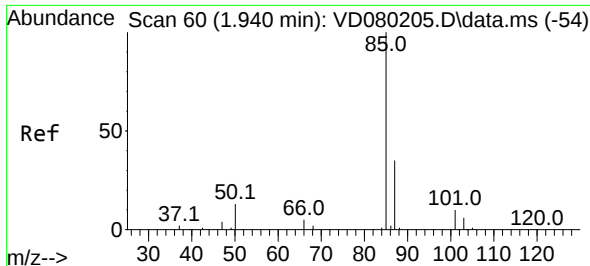
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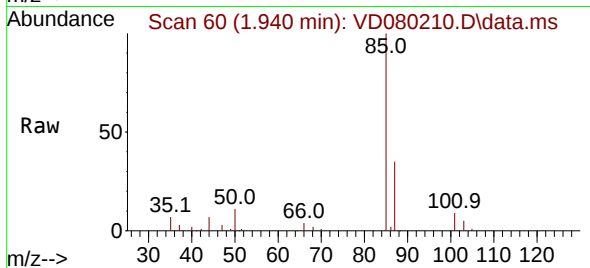
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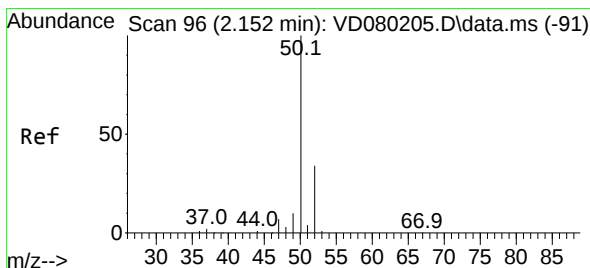
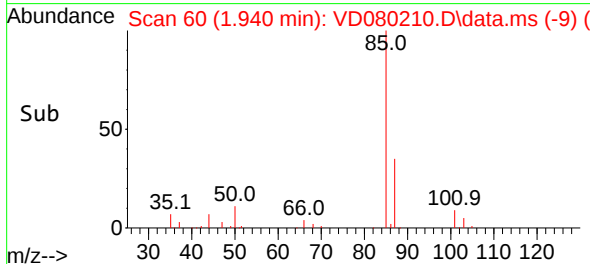
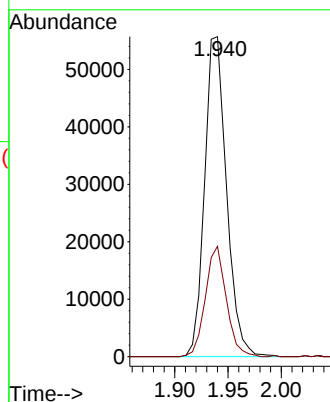


#2
 Dichlorodifluoromethane
 Concen: 23.665 ug/L
 RT: 1.940 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: VD080210.D
 Acq: 10 Jan 2025 16:00

Instrument :
 MSVOA_D
 ClientSampleId :

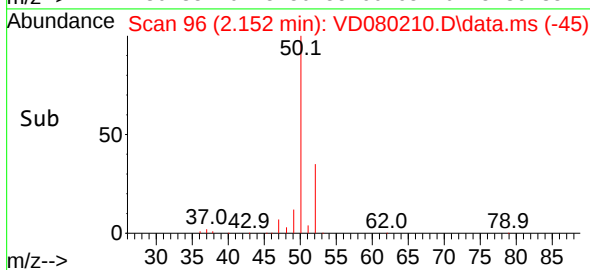
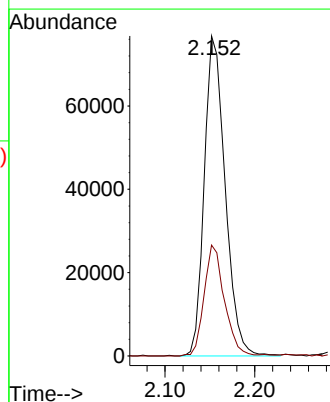
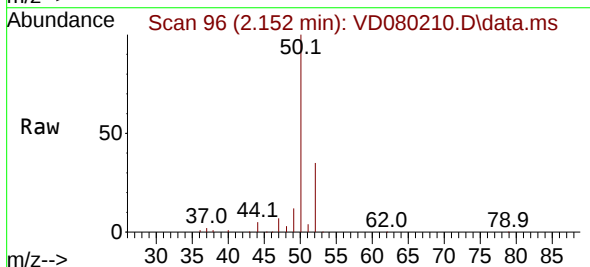


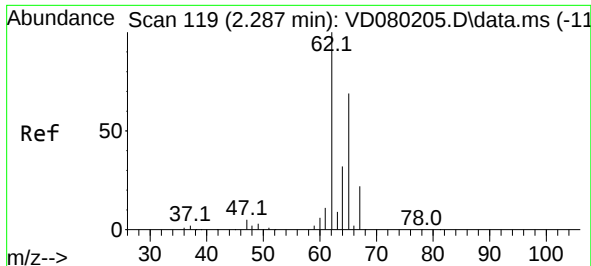
Tgt Ion: 85 Resp: 79882
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.4 39.6



#3
 Chloromethane
 Concen: 27.019 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD080210.D
 Acq: 10 Jan 2025 16:00

Tgt Ion: 50 Resp: 124331
 Ion Ratio Lower Upper
 50 100
 52 34.7 22.0 40.8

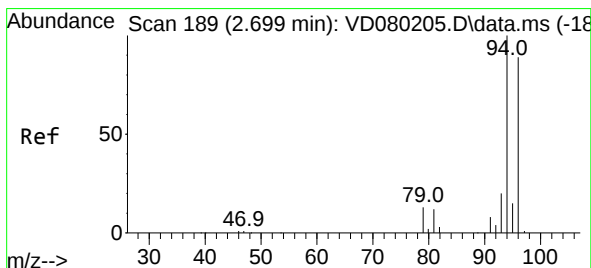
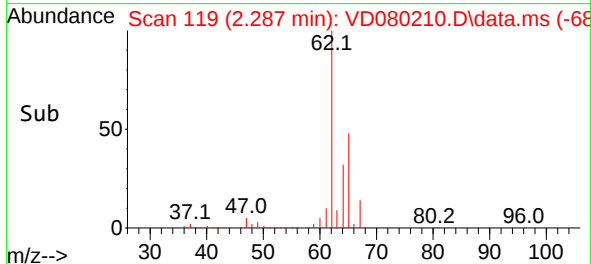
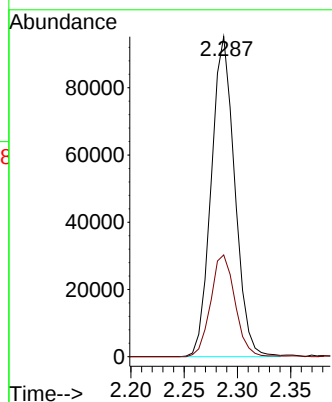
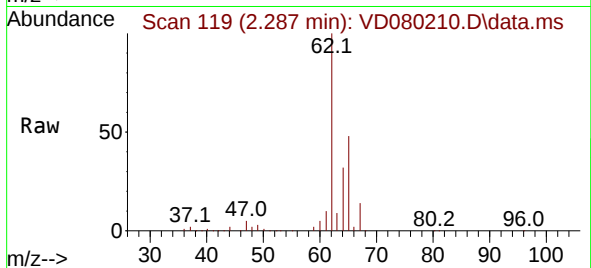




#5
 Vinyl chloride
 Concen: 25.845 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD080210.D
 Acq: 10 Jan 2025 16:00

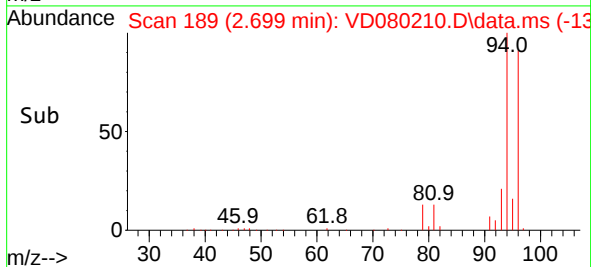
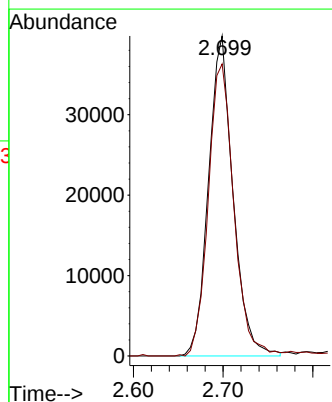
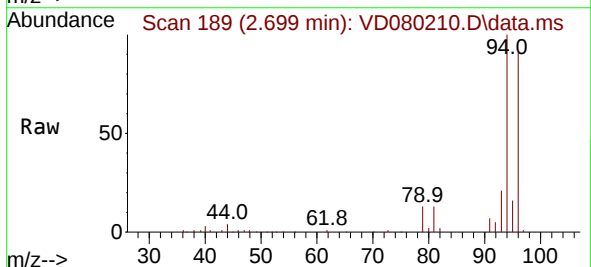
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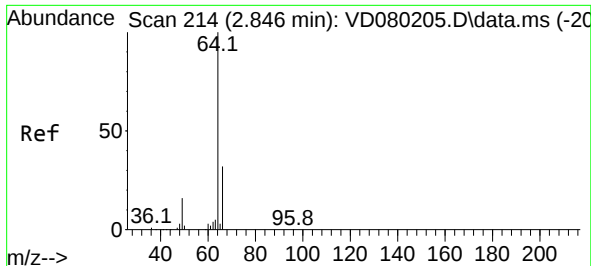
Tgt Ion: 62 Resp: 145931
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.3 41.5



#6
 Bromomethane
 Concen: 22.940 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. -0.000 min
 Lab File: VD080210.D
 Acq: 10 Jan 2025 16:00

Tgt Ion: 94 Resp: 75435
 Ion Ratio Lower Upper
 94 100
 96 91.3 67.7 125.7

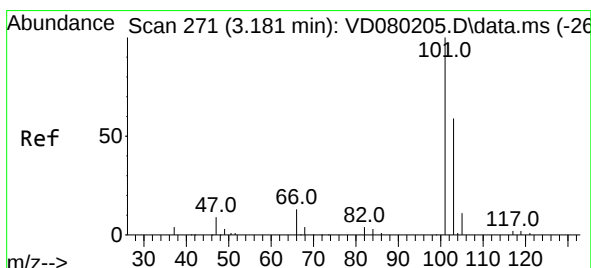
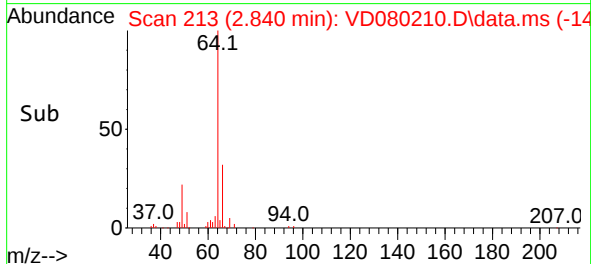
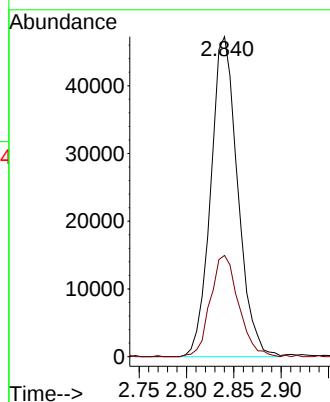
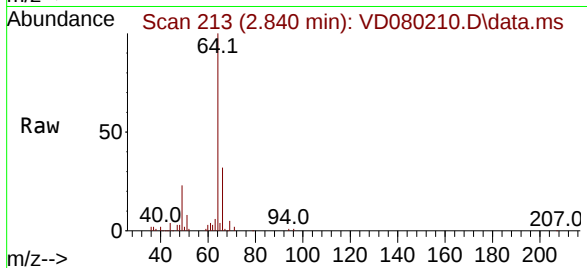




#8
Chloroethane
Concen: 27.055 ug/L
RT: 2.840 min Scan# 214
Delta R.T. -0.006 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

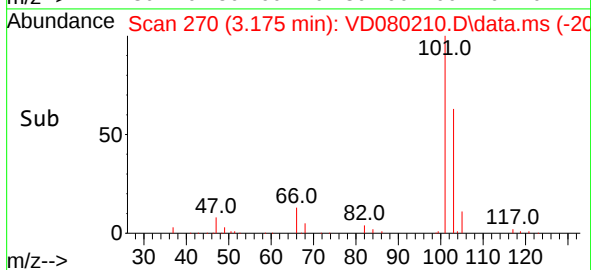
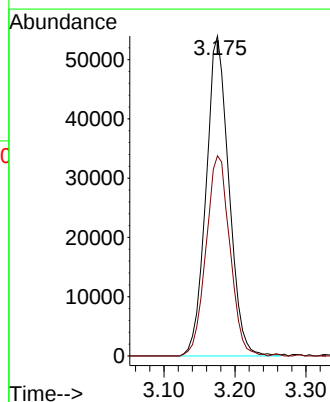
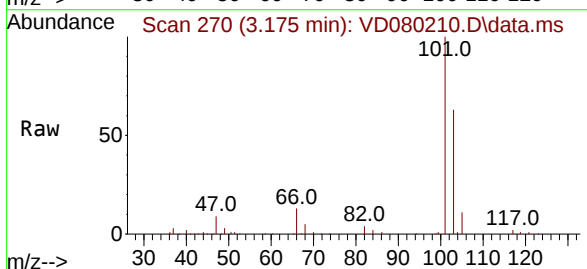
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ClientSampleId :

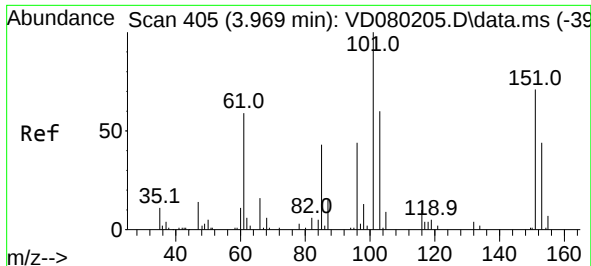
Tgt Ion: 64 Resp: 93706
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.5



#9
Trichlorofluoromethane
Concen: 25.675 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

Tgt Ion:101 Resp: 120455
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.2

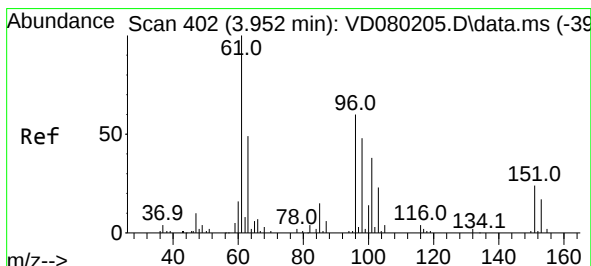
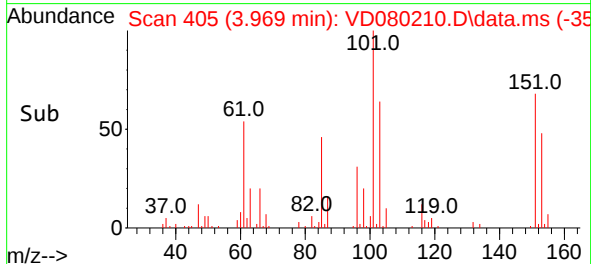
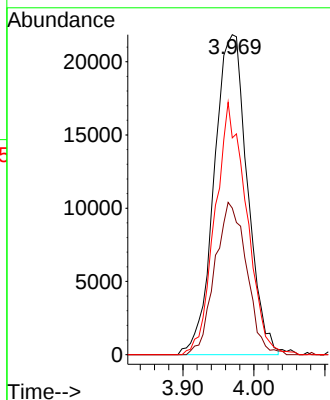
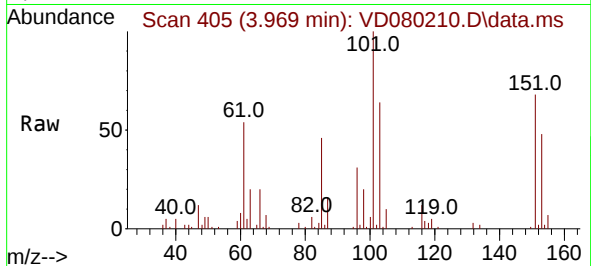




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.514 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VD080210.D
 Acq: 10 Jan 2025 16:00

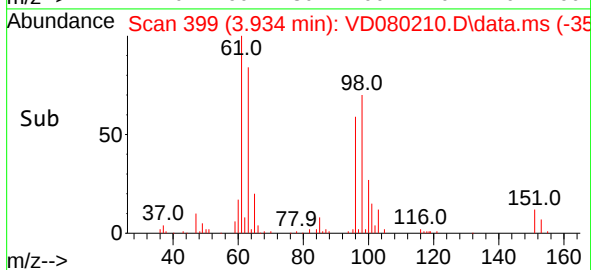
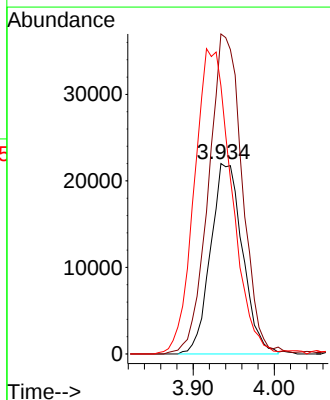
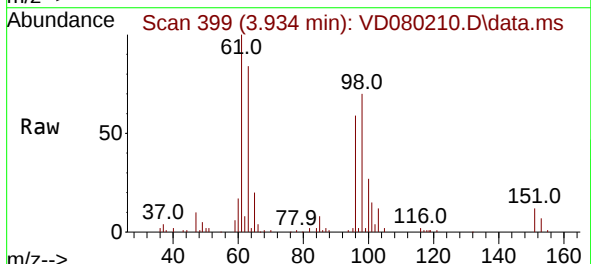
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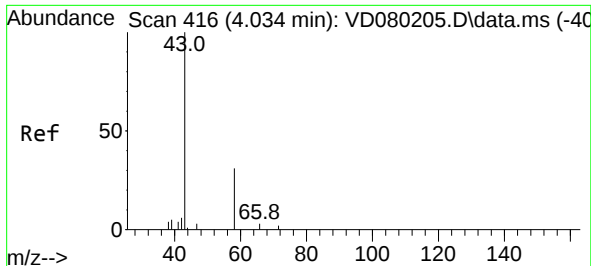
Tgt Ion:101 Resp: 70973
 Ion Ratio Lower Upper
 101 100
 85 45.5 35.6 53.4
 151 74.8 60.0 90.0



#12
 1,1-Dichloroethene
 Concen: 25.104 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.018 min
 Lab File: VD080210.D
 Acq: 10 Jan 2025 16:00

Tgt Ion: 96 Resp: 59981
 Ion Ratio Lower Upper
 96 100
 61 168.1 123.1 228.7
 63 140.9 89.6 166.4

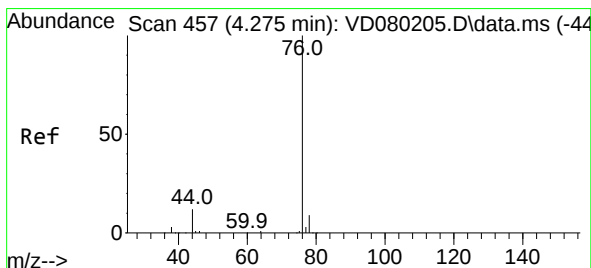
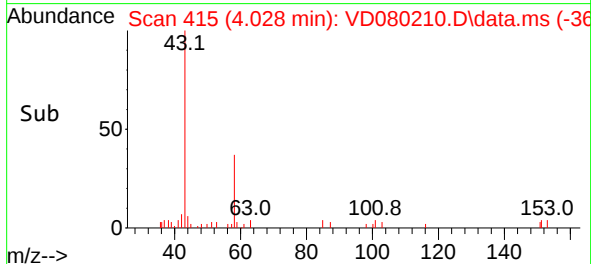
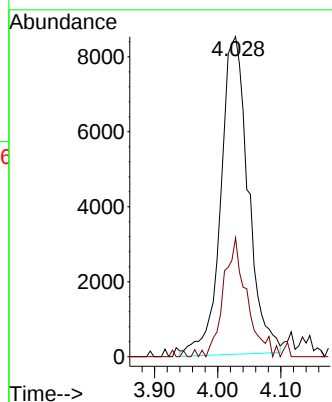
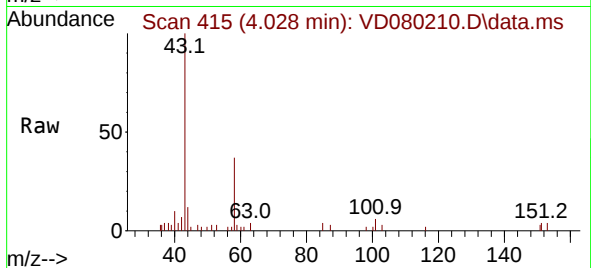




#13
Acetone
Concen: 56.302 ug/L
RT: 4.028 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

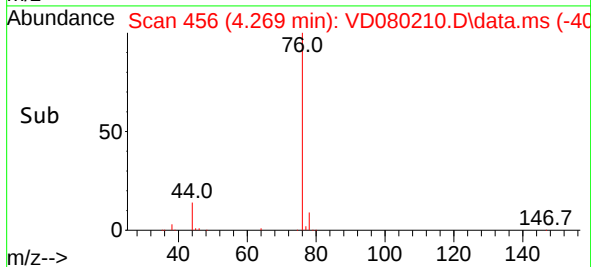
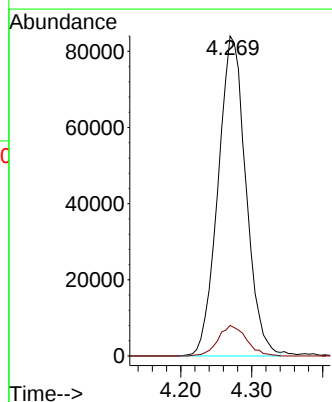
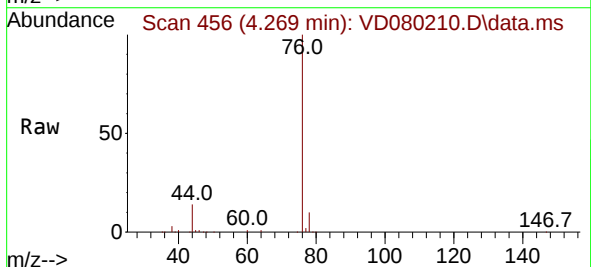
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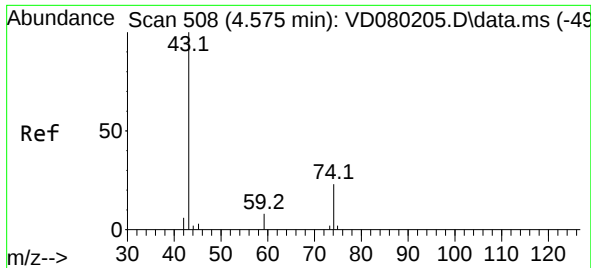
Tgt Ion: 43 Resp: 25698
Ion Ratio Lower Upper
43 100
58 30.4 0.0 52.8



#14
Carbon disulfide
Concen: 25.692 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

Tgt Ion: 76 Resp: 228791
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

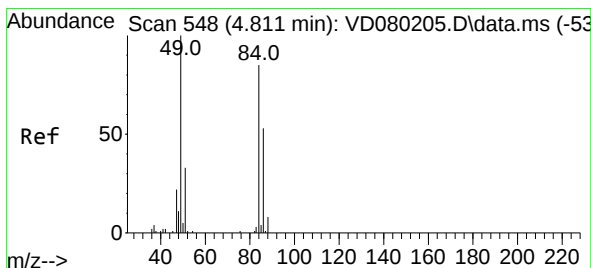
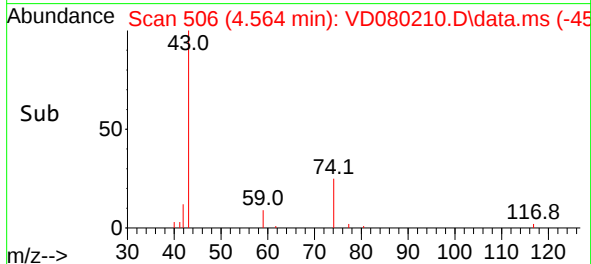
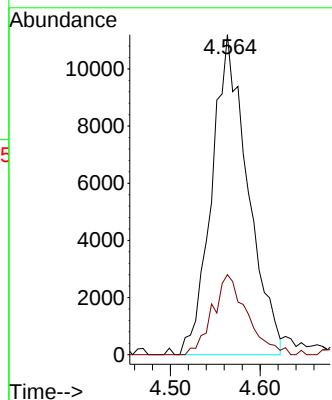
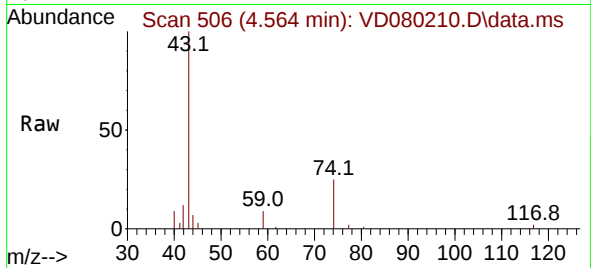




#15
Methyl Acetate
Concen: 27.398 ug/L
RT: 4.564 min Scan# 508
Delta R.T. -0.012 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

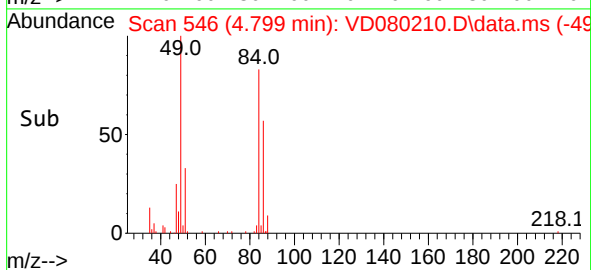
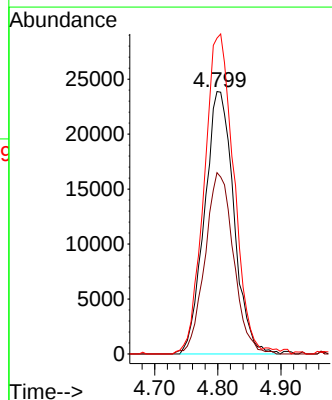
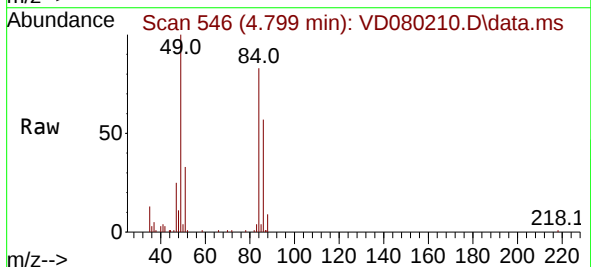
Instrument :
MSVOA_D
ClientSampleId :

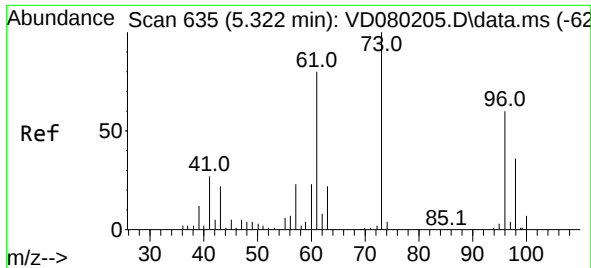
Tgt Ion: 43 Resp: 31296
Ion Ratio Lower Upper
43 100
74 23.8 10.1 15.1#



#16
Methylene chloride
Concen: 26.623 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

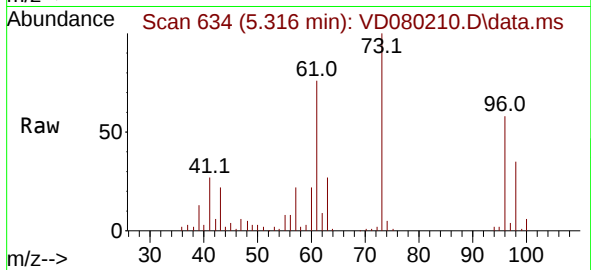
Tgt Ion: 84 Resp: 76867
Ion Ratio Lower Upper
84 100
86 69.1 42.8 79.4
49 120.3 83.1 154.3



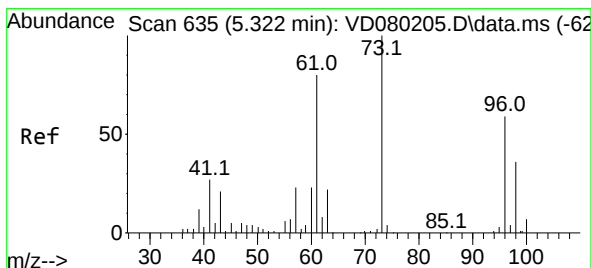
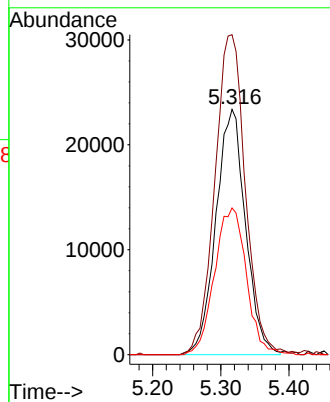
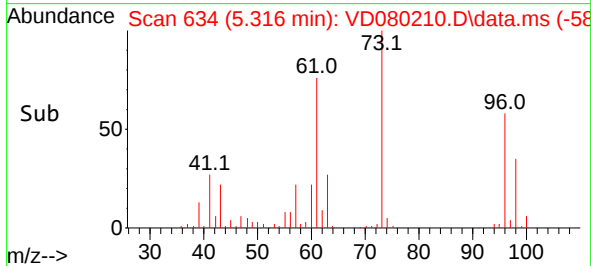


#17
trans-1,2-Dichloroethene
Concen: 27.188 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

Instrument :
MSVOA_D
ClientSampleId :

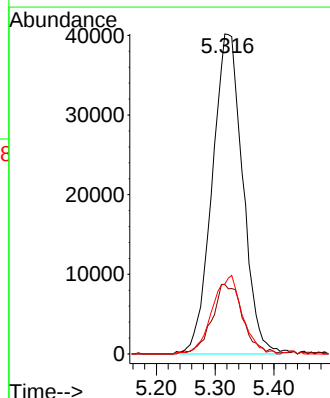
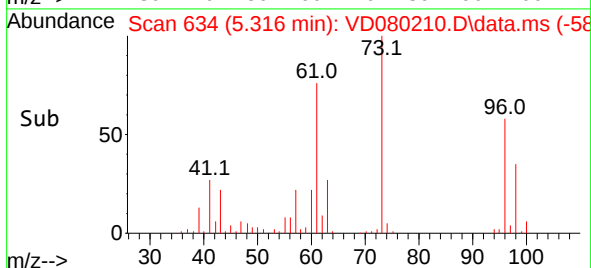
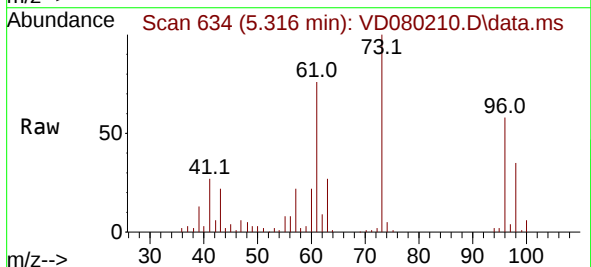


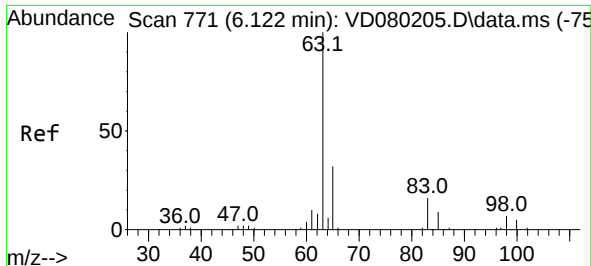
Tgt Ion: 96 Resp: 70666
Ion Ratio Lower Upper
96 100
61 130.5 93.7 173.9
98 59.8 42.1 78.1



#18
Methyl tert-butyl Ether
Concen: 29.189 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

Tgt Ion: 73 Resp: 144557
Ion Ratio Lower Upper
73 100
43 11.3 16.6 24.8#
57 23.9 18.9 28.3





#19

1,1-Dichloroethane

Concen: 27.462 ug/L

RT: 6.116 min Scan# 771

Delta R.T. -0.006 min

Lab File: VD080210.D

Acq: 10 Jan 2025 16:00

Instrument :

MSVOA_D

ClientSampleId :

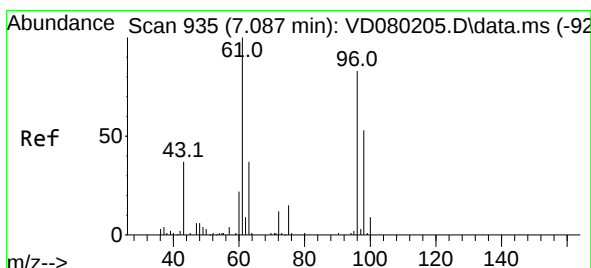
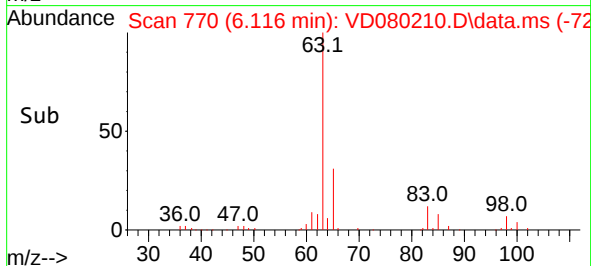
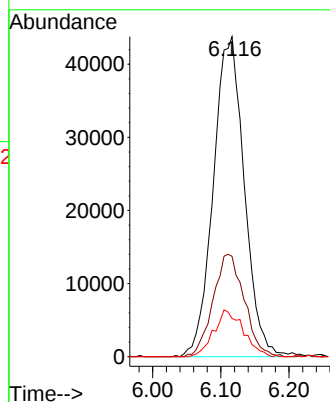
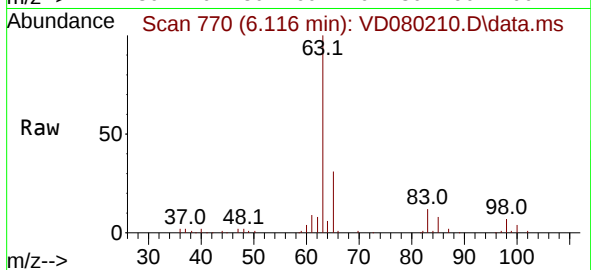
Tgt Ion: 63 Resp: 137799

Ion Ratio Lower Upper

63 100

65 31.4 21.7 40.3

83 12.0 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 27.843 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.006 min

Lab File: VD080210.D

Acq: 10 Jan 2025 16:00

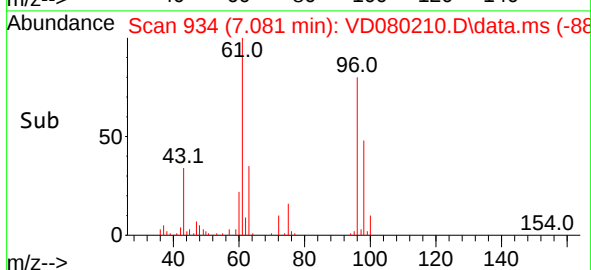
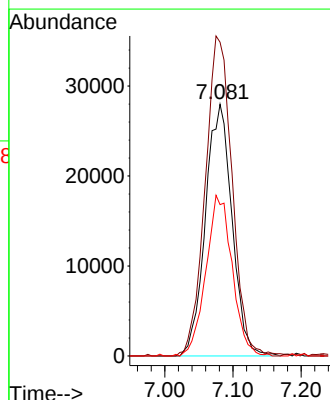
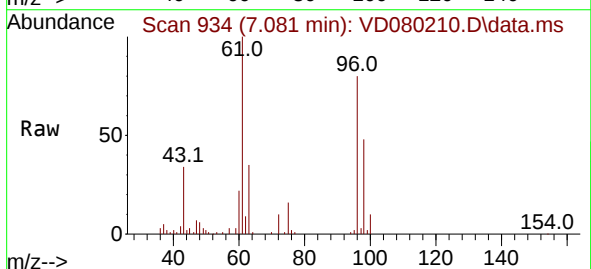
Tgt Ion: 96 Resp: 76107

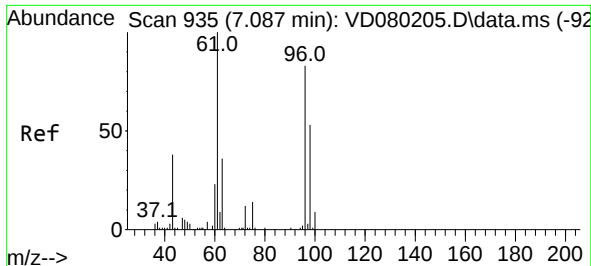
Ion Ratio Lower Upper

96 100

61 124.7 80.8 150.0

98 60.1 42.6 79.0

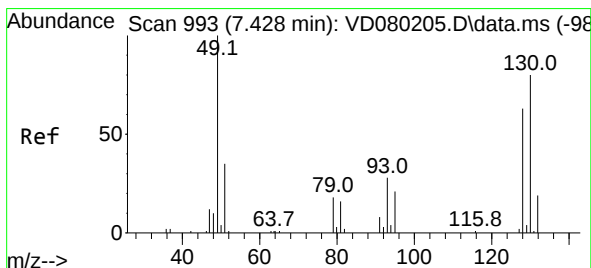
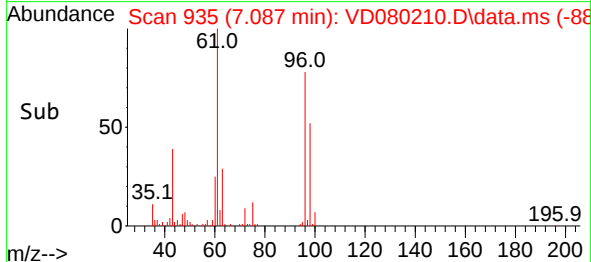
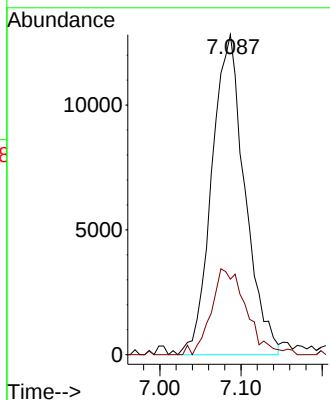
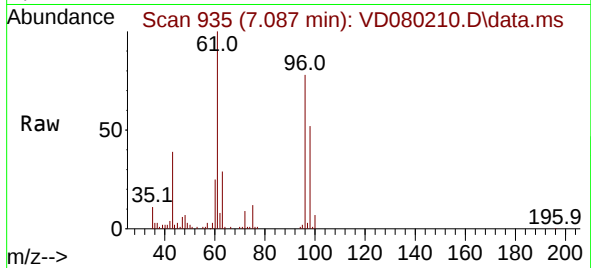




#22
2-Butanone
Concen: 55.816 ug/L
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

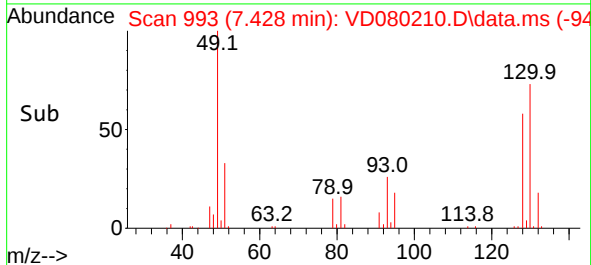
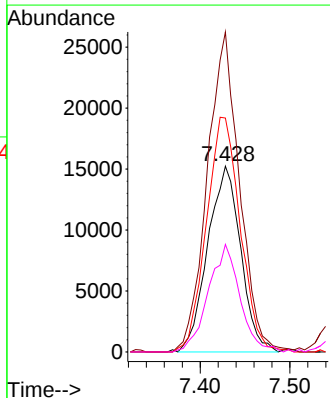
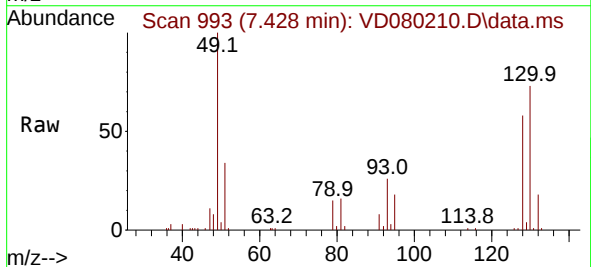
Instrument :
MSVOA_D
ClientSampleId :

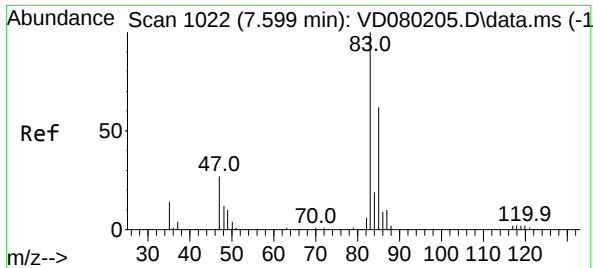
Tgt Ion: 43 Resp: 36298
Ion Ratio Lower Upper
43 100
72 15.8 14.0 42.0



#23
Bromochloromethane
Concen: 29.436 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

Tgt Ion:128 Resp: 38910
Ion Ratio Lower Upper
128 100
49 172.3 110.7 205.7
130 125.9 83.1 154.3
51 57.9 42.0 63.0

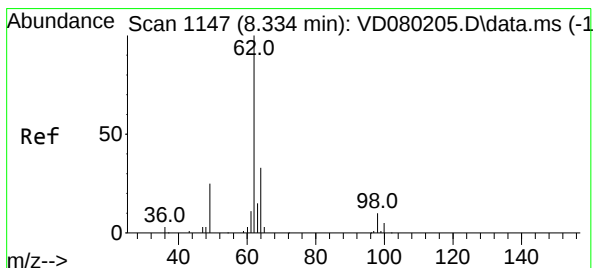
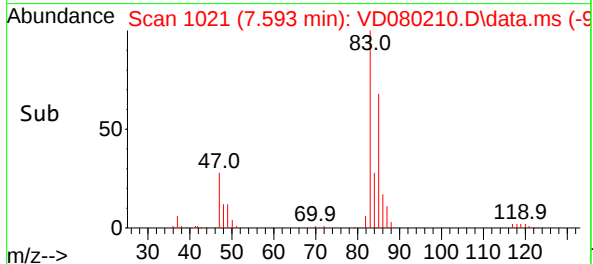
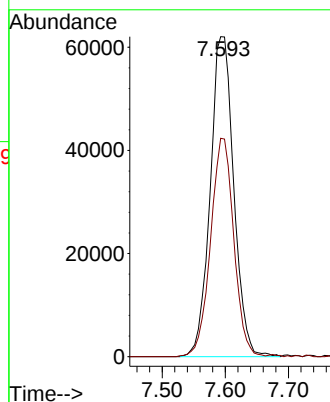
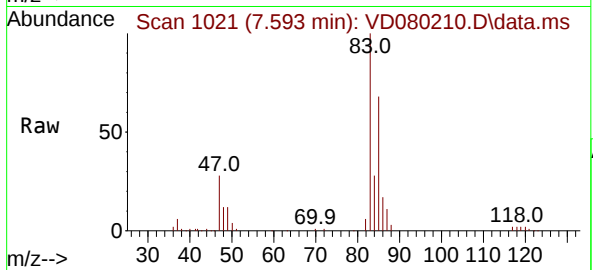




#25
Chloroform
Concen: 28.956 ug/L
RT: 7.593 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

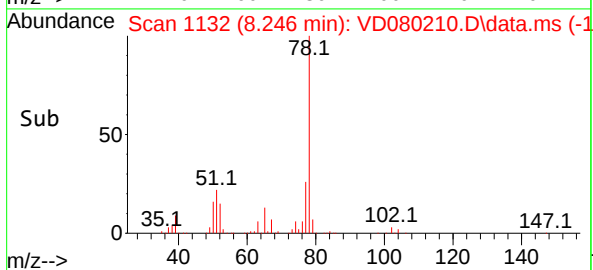
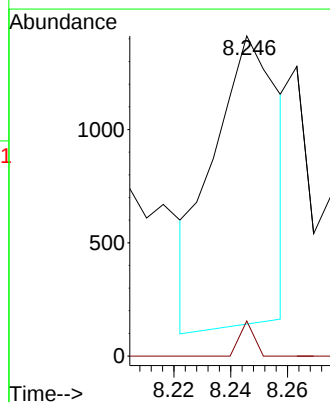
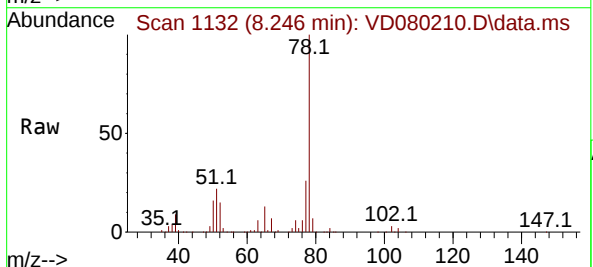
Instrument :
MSVOA_D
ClientSampleId :

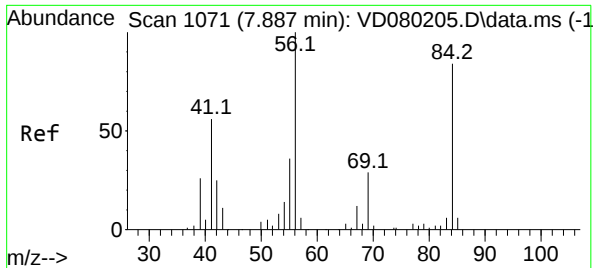
Tgt Ion: 83 Resp: 161030
Ion Ratio Lower Upper
83 100
85 68.2 45.1 83.9



#27
1,2-Dichloroethane
Concen: 0.626 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.088 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

Tgt Ion: 62 Resp: 2030
Ion Ratio Lower Upper
62 100
98 11.0 8.6 13.0





#29

Cyclohexane

Concen: 24.337 ug/L

RT: 7.881 min Scan# 1071

Delta R.T. -0.006 min

Lab File: VD080210.D

Acq: 10 Jan 2025 16:00

Instrument :

MSVOA_D

ClientSampleId :

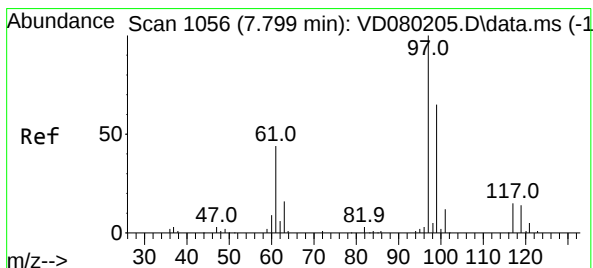
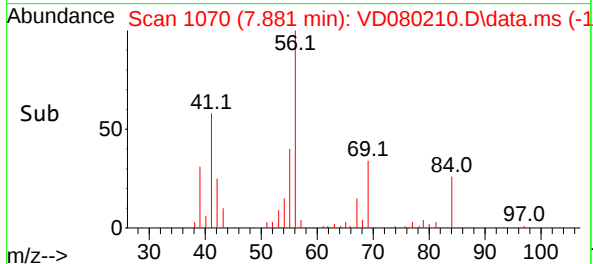
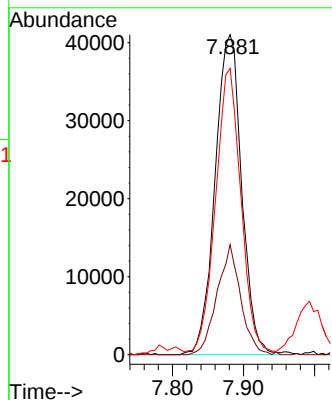
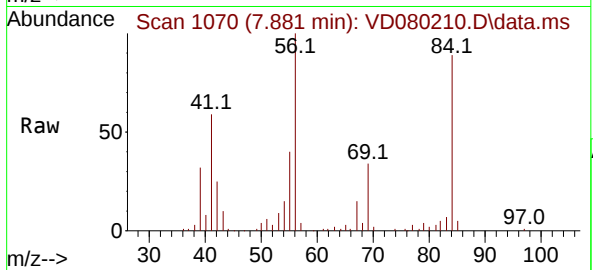
Tgt Ion: 56 Resp: 106618

Ion Ratio Lower Upper

56 100

69 30.4 24.2 36.4

84 86.2 68.8 103.2



#30

1,1,1-Trichloroethane

Concen: 25.630 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD080210.D

Acq: 10 Jan 2025 16:00

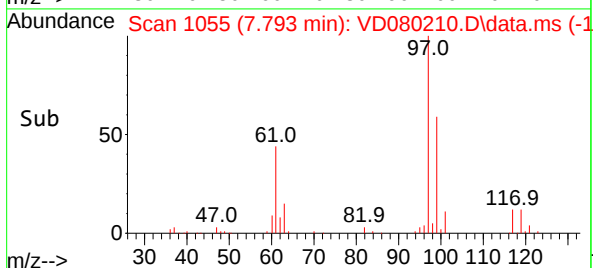
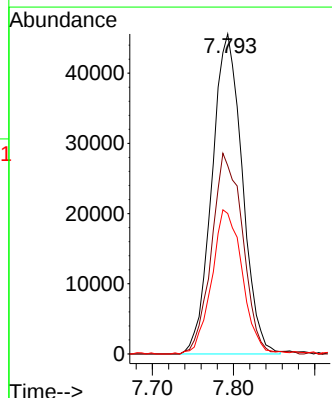
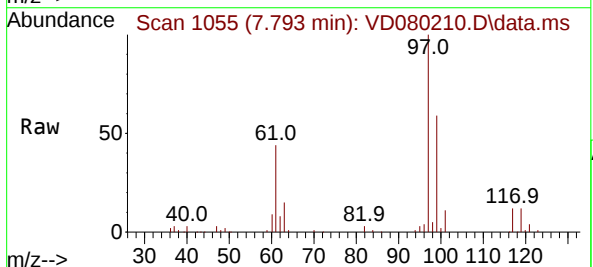
Tgt Ion: 97 Resp: 118231

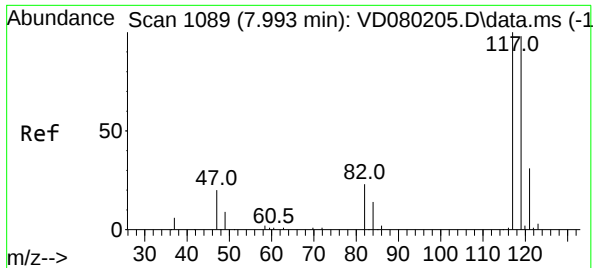
Ion Ratio Lower Upper

97 100

99 63.9 51.7 77.5

61 45.4 35.8 53.6

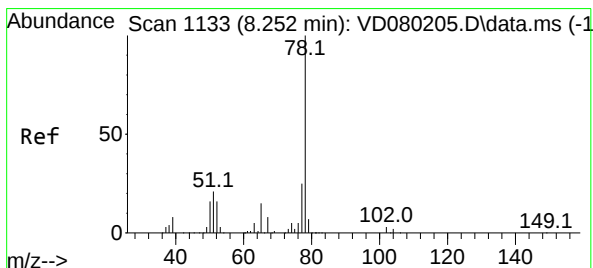
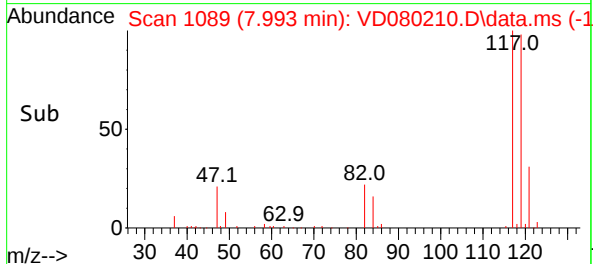
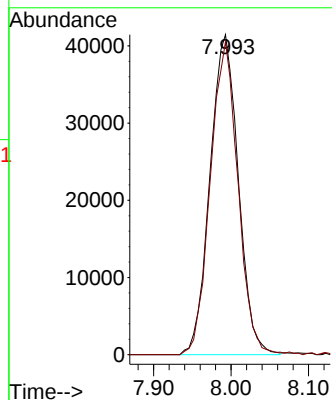
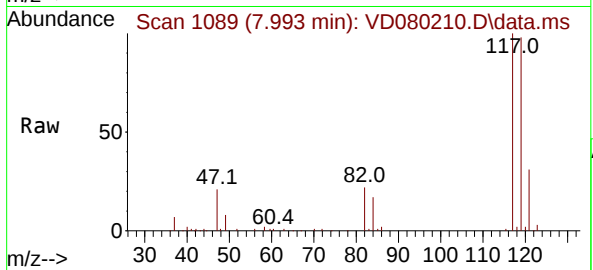




#31
Carbon tetrachloride
Concen: 25.918 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

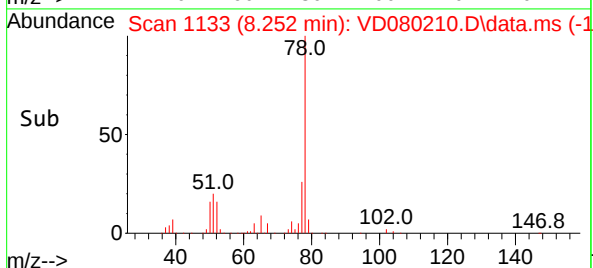
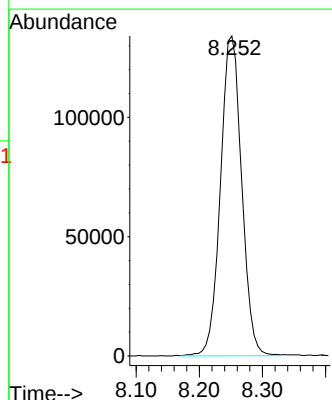
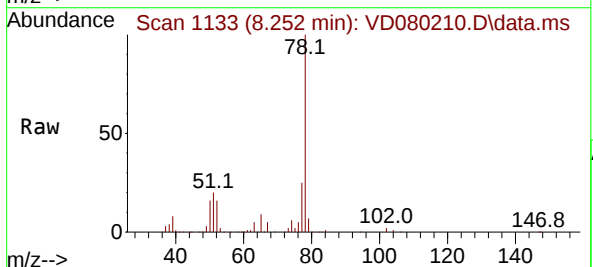
Instrument :
MSVOA_D
ClientSampleId :

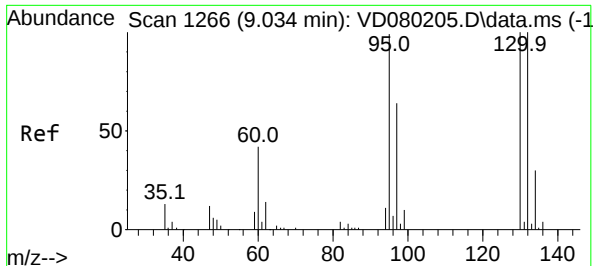
Tgt Ion:117 Resp: 105525
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.8



#33
Benzene
Concen: 26.391 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

Tgt Ion: 78 Resp: 312472

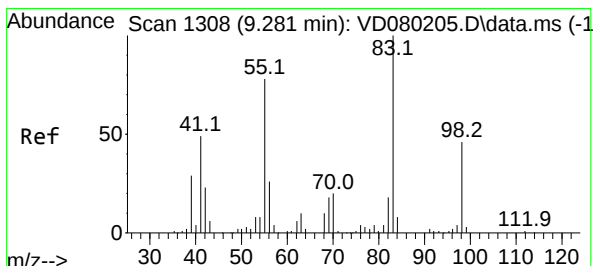
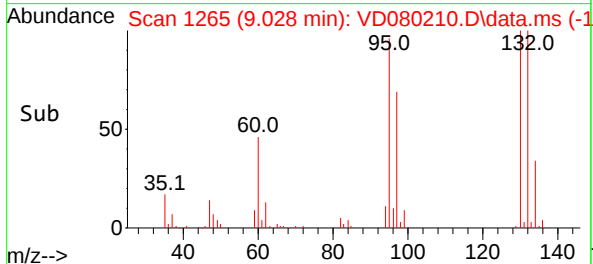
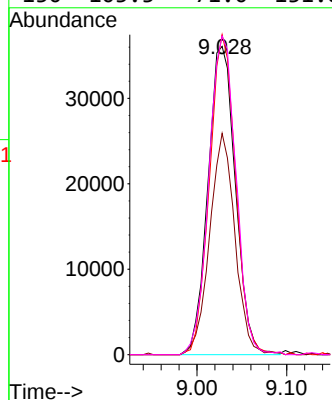
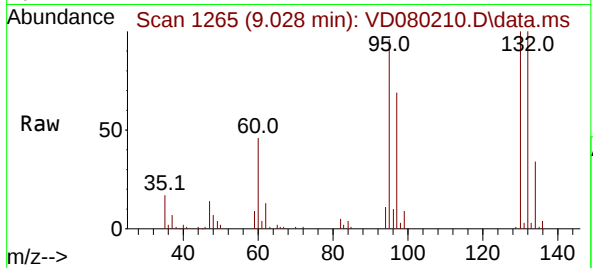




#34
Trichloroethene
Concen: 25.088 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

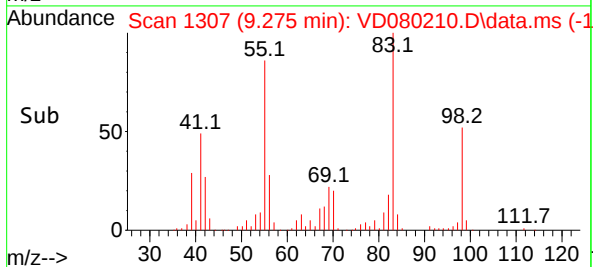
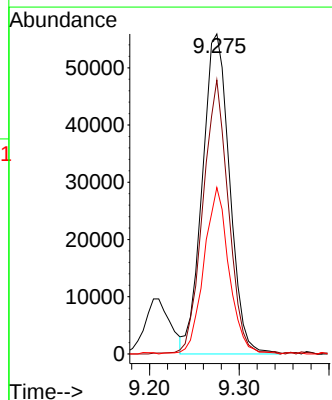
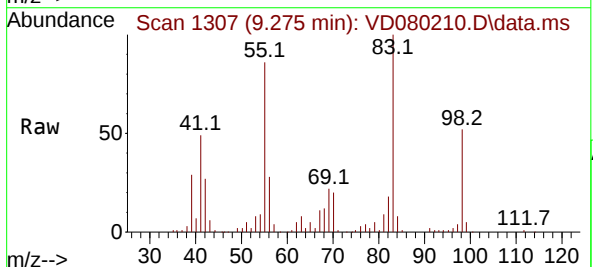
Instrument :
MSVOA_D
ClientSampleId :

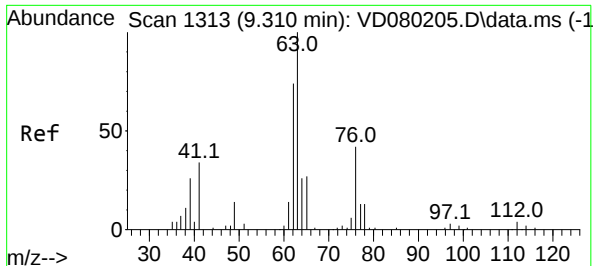
Tgt Ion: 95 Resp: 76930
Ion Ratio Lower Upper
95 100
97 71.8 45.6 84.6
132 103.8 67.2 124.8
130 103.3 71.0 131.8



#35
Methylcyclohexane
Concen: 25.847 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.006 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

Tgt Ion: 83 Resp: 117857
Ion Ratio Lower Upper
83 100
55 79.2 65.6 98.4
98 47.7 37.7 56.5





#37

1,2-Dichloropropane

Concen: 27.720 ug/L

RT: 9.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD080210.D

Acq: 10 Jan 2025 16:00

Instrument :

MSVOA_D

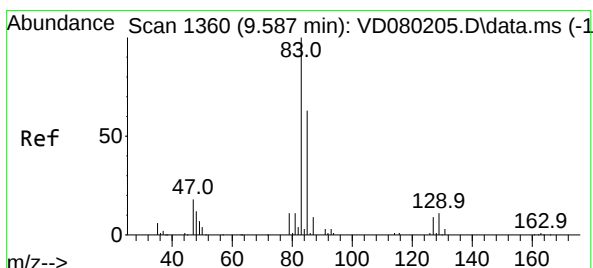
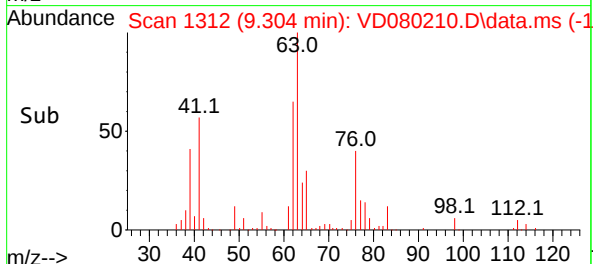
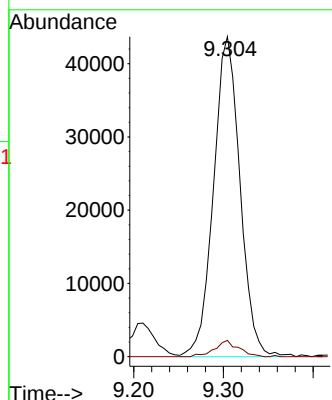
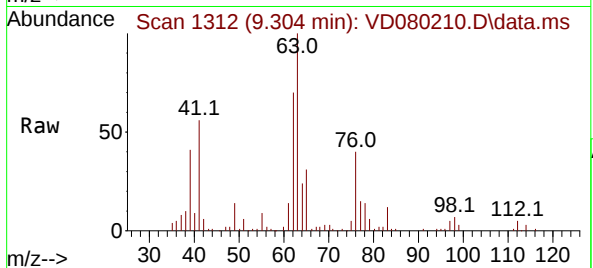
ClientSampleId :

Tgt Ion: 63 Resp: 89420

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 27.677 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD080210.D

Acq: 10 Jan 2025 16:00

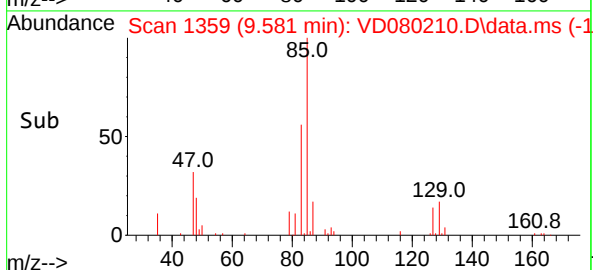
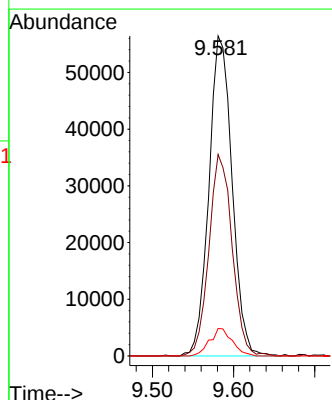
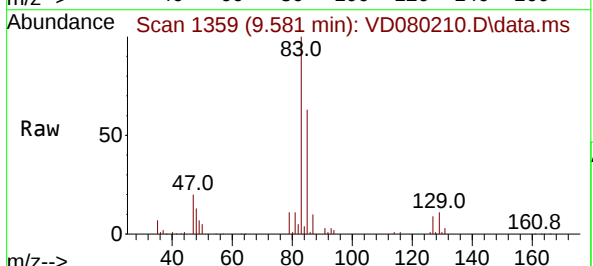
Tgt Ion: 83 Resp: 111933

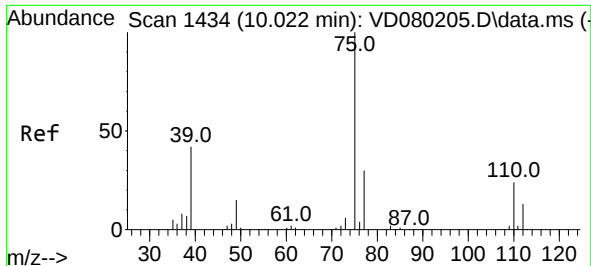
Ion Ratio Lower Upper

83 100

85 62.9 44.6 82.8

127 8.6 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 26.925 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.006 min

Lab File: VD080210.D

Acq: 10 Jan 2025 16:00

Instrument :

MSVOA_D

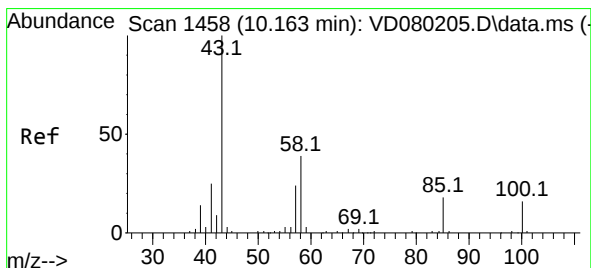
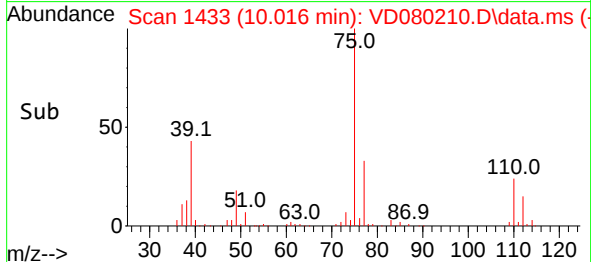
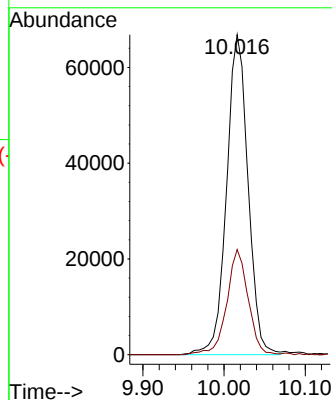
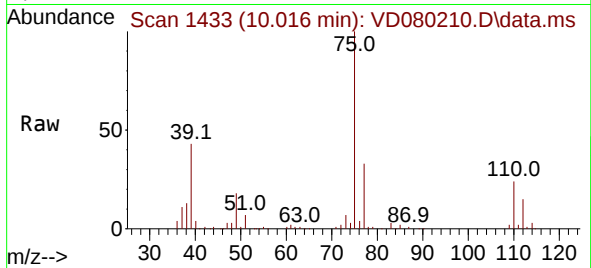
ClientSampleId :

Tgt Ion: 75 Resp: 122760

Ion Ratio Lower Upper

75 100

77 32.9 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 57.457 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VD080210.D

Acq: 10 Jan 2025 16:00

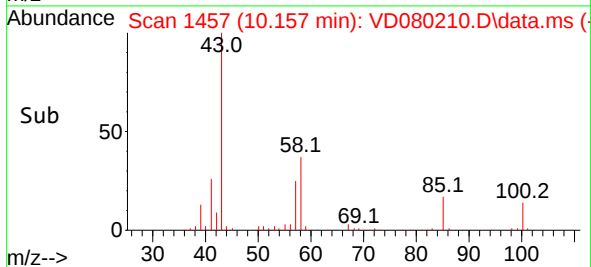
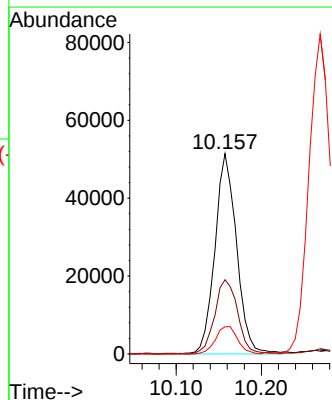
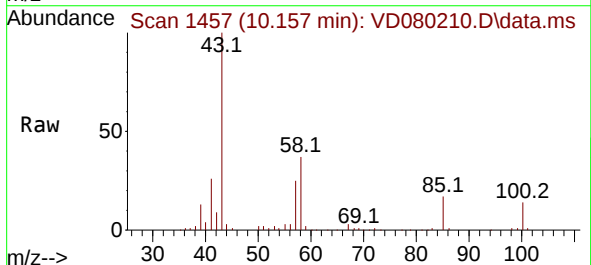
Tgt Ion: 43 Resp: 90983

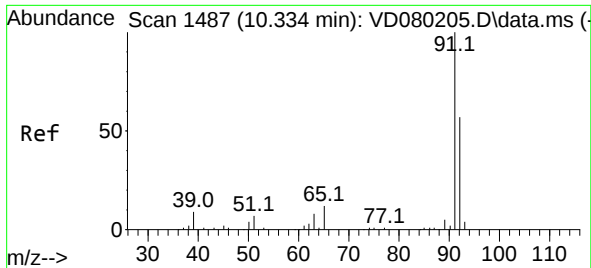
Ion Ratio Lower Upper

43 100

58 39.2 31.0 46.6

100 13.9 12.1 18.1

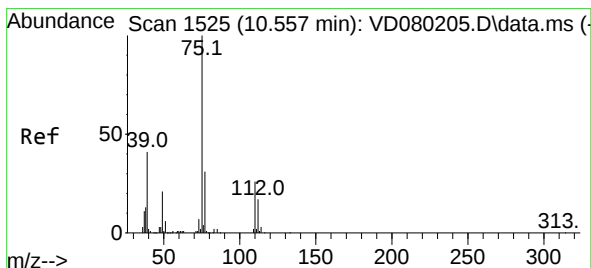
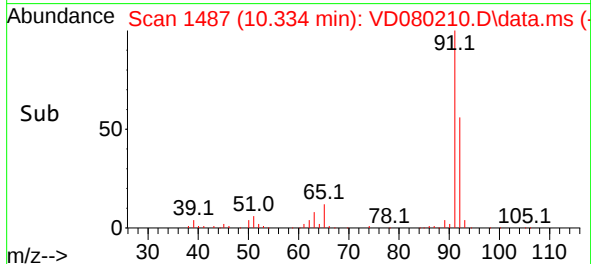
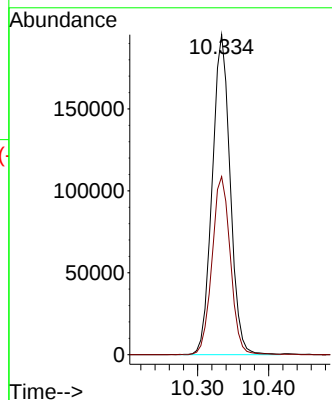
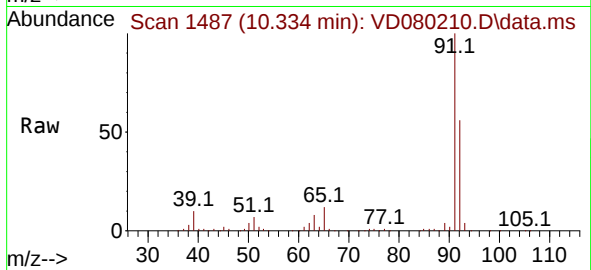




#42
Toluene
Concen: 27.681 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

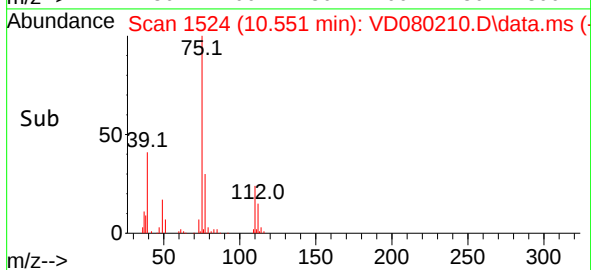
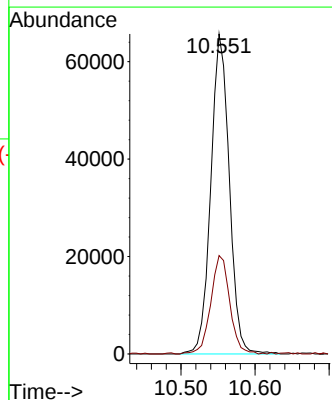
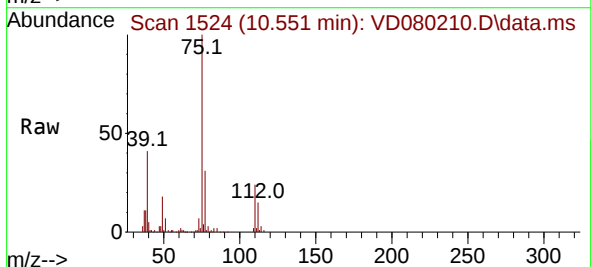
Instrument :
MSVOA_D
ClientSampleId :

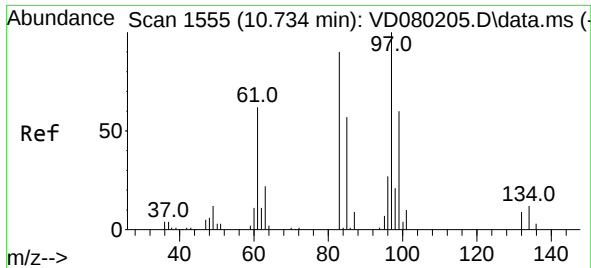
Tgt Ion: 91 Resp: 342433
Ion Ratio Lower Upper
91 100
92 55.7 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 28.890 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

Tgt Ion: 75 Resp: 113752
Ion Ratio Lower Upper
75 100
77 30.7 22.0 40.8

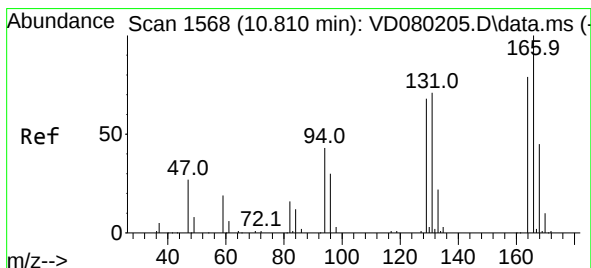
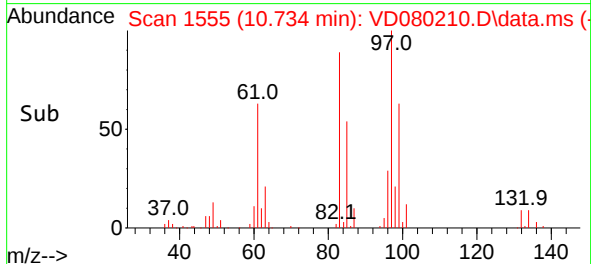
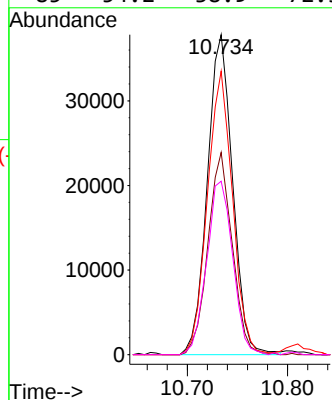
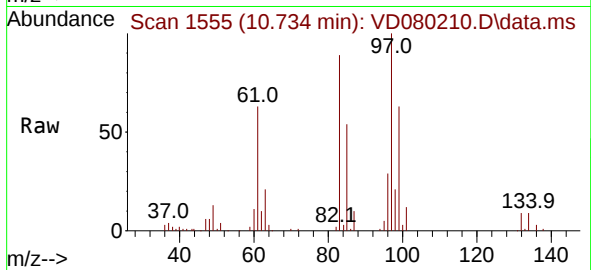




#45
1,1,2-Trichloroethane
Concen: 28.171 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

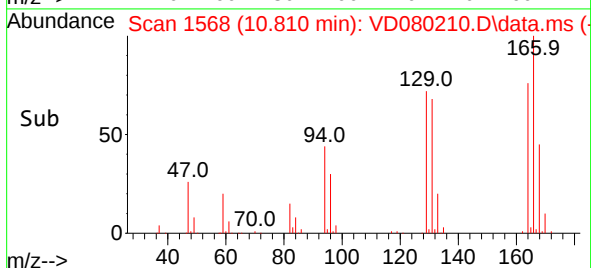
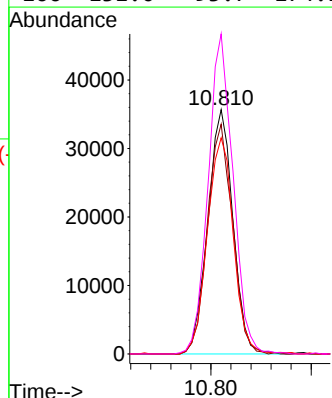
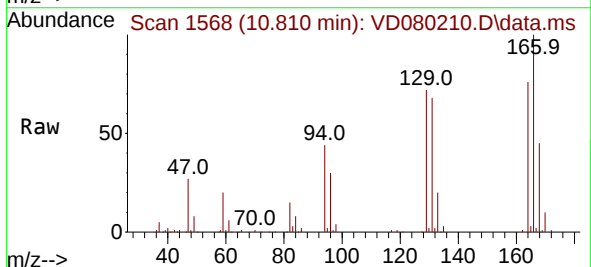
Instrument :
MSVOA_D
ClientSampleId :

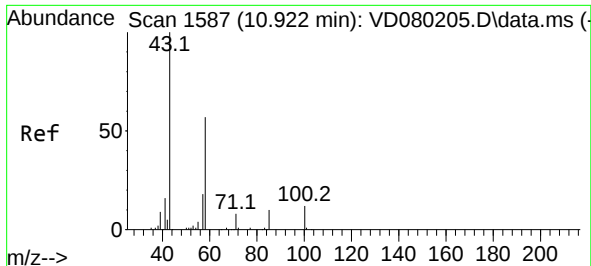
Tgt Ion:	97	Resp:	66351
Ion	Ratio	Lower	Upper
97	100		
99	63.2	44.0	81.8
83	88.6	64.4	119.6
85	54.2	38.9	72.3



#46
Tetrachloroethene
Concen: 25.128 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

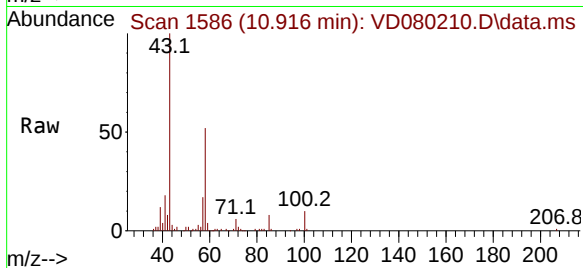
Tgt Ion:	164	Resp:	62085
Ion	Ratio	Lower	Upper
164	100		
129	94.0	67.8	125.8
131	88.5	67.6	125.6
166	131.0	93.7	174.1



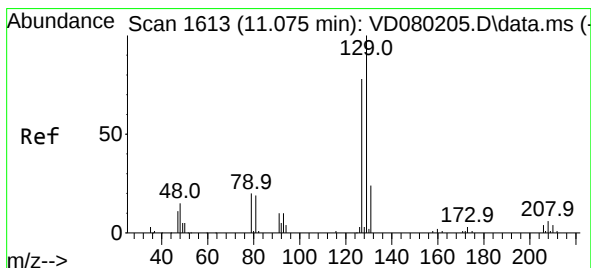
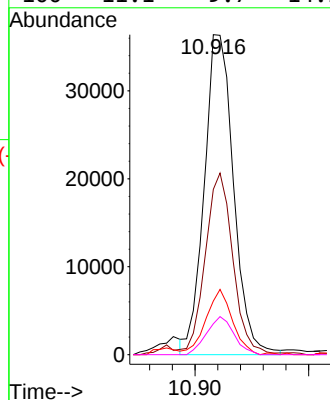
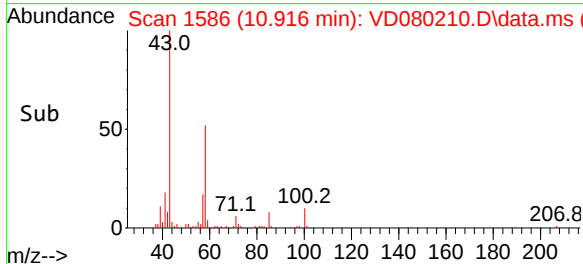


#48
2-Hexanone
Concen: 60.584 ug/L
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

Instrument :
MSVOA_D
ClientSampleId :

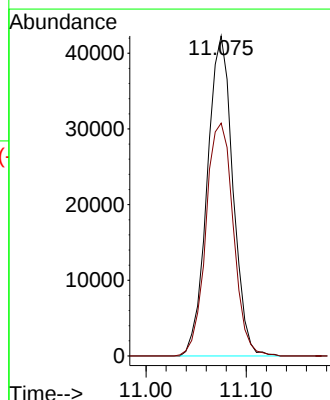
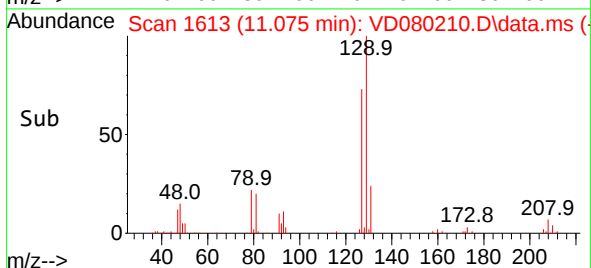
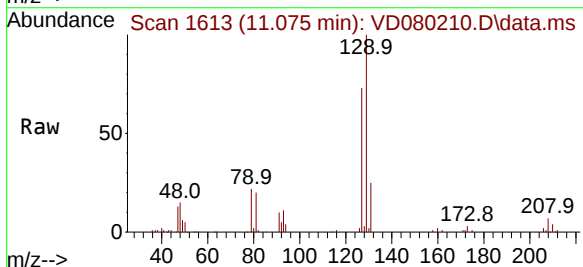


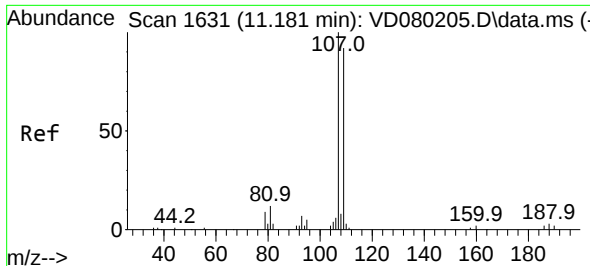
Tgt Ion: 43 Resp: 65411
Ion Ratio Lower Upper
43 100
58 53.2 42.5 63.7
57 18.4 15.5 23.3
100 11.1 9.7 14.5



#49
Dibromochloromethane
Concen: 28.694 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

Tgt Ion: 129 Resp: 75265
Ion Ratio Lower Upper
129 100
127 72.7 52.3 97.1

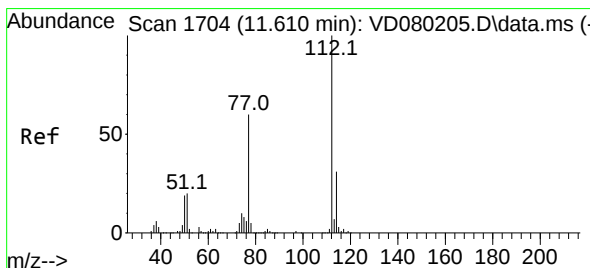
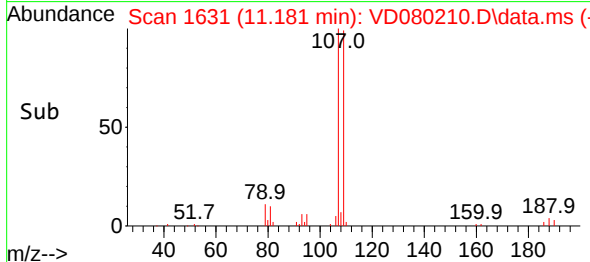
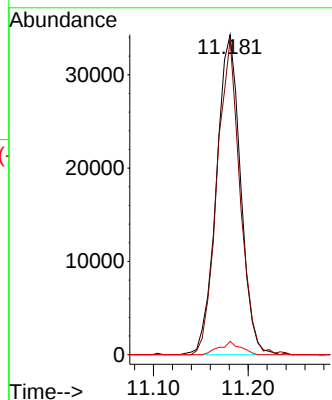
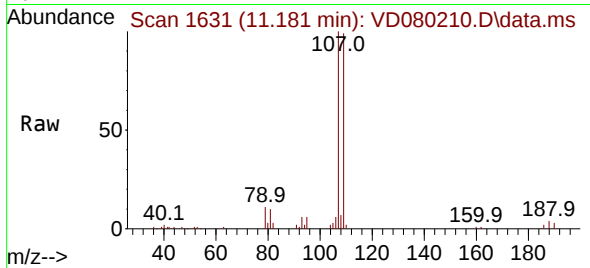




#50
1,2-Dibromoethane
Concen: 28.358 ug/L
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

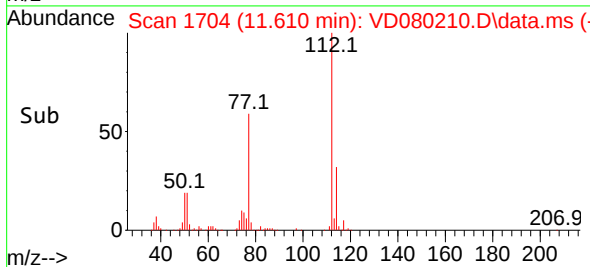
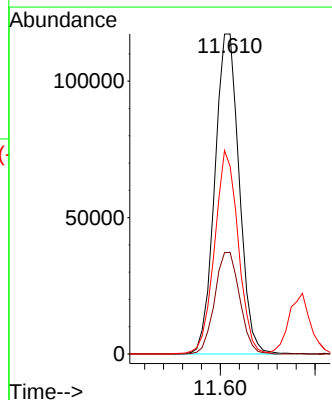
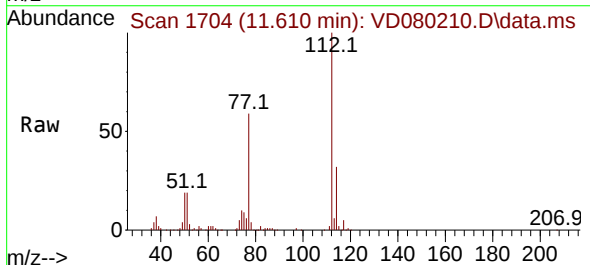
Instrument :
MSVOA_D
ClientSampleId :

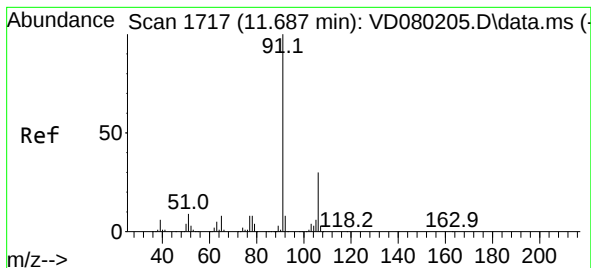
Tgt Ion:107 Resp: 60701
Ion Ratio Lower Upper
107 100
109 98.6 63.8 118.6
188 4.2 2.8 4.2



#51
Chlorobenzene
Concen: 26.436 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

Tgt Ion:112 Resp: 209648
Ion Ratio Lower Upper
112 100
114 31.7 21.8 40.6
77 58.6 46.8 70.2





#52

Ethylbenzene

Concen: 27.362 ug/L

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD080210.D

Acq: 10 Jan 2025 16:00

Instrument :

MSVOA_D

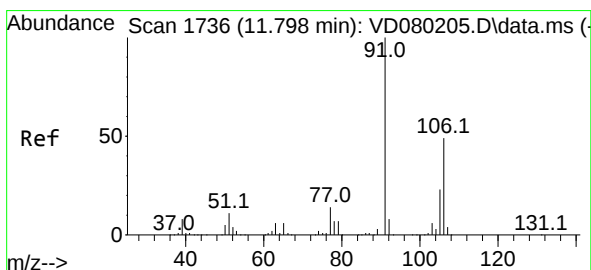
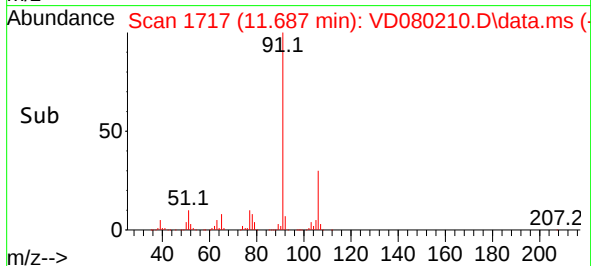
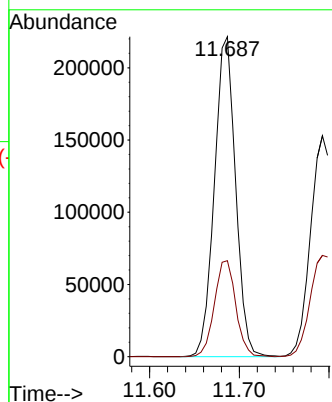
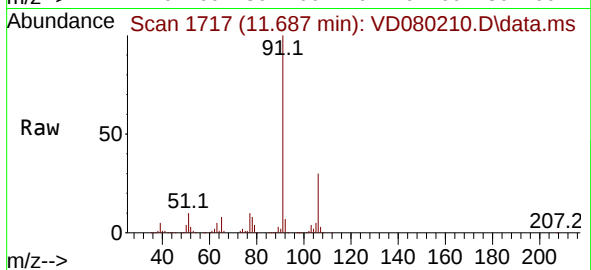
ClientSampleId :

Tgt Ion: 91 Resp: 363199

Ion Ratio Lower Upper

91 100

106 30.0 21.8 40.6



#53

m,p-Xylene

Concen: 27.962 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. -0.006 min

Lab File: VD080210.D

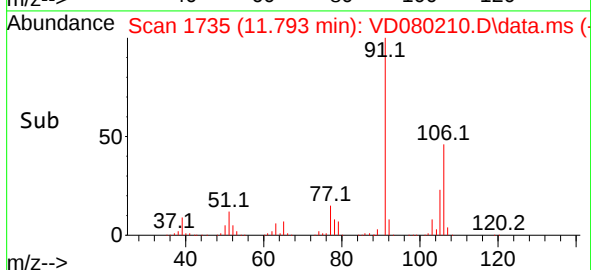
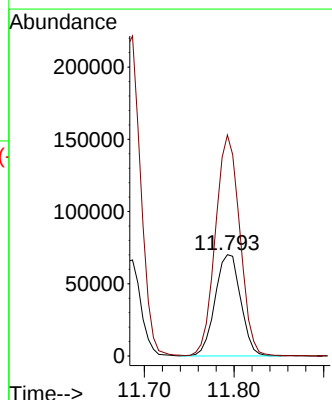
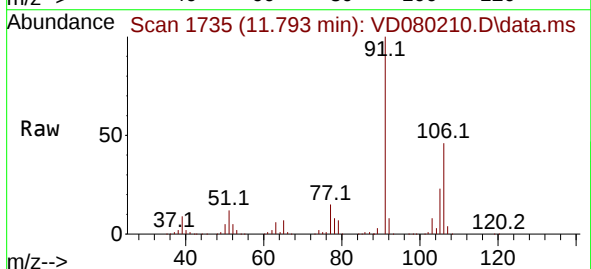
Acq: 10 Jan 2025 16:00

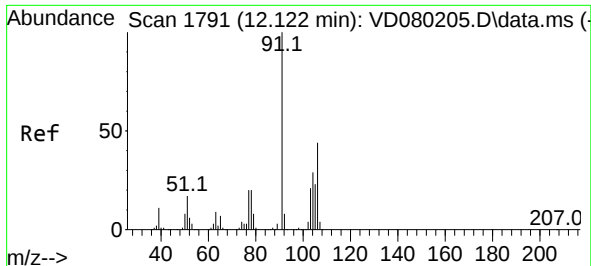
Tgt Ion: 106 Resp: 138711

Ion Ratio Lower Upper

106 100

91 218.0 144.1 267.7

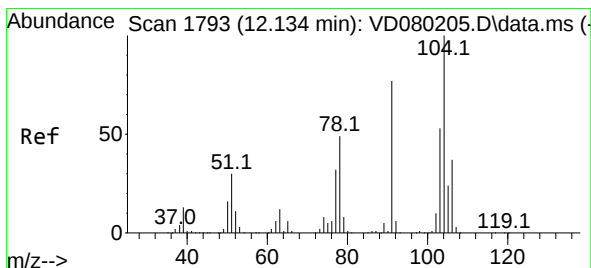
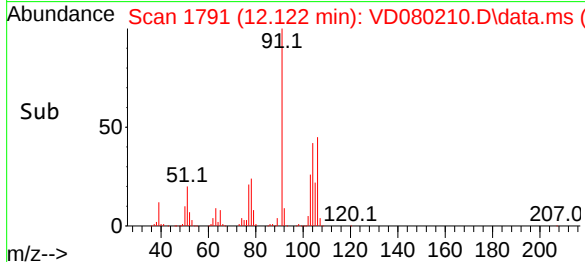
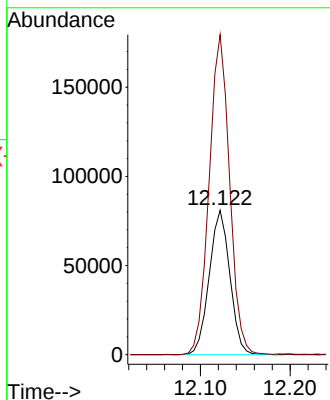
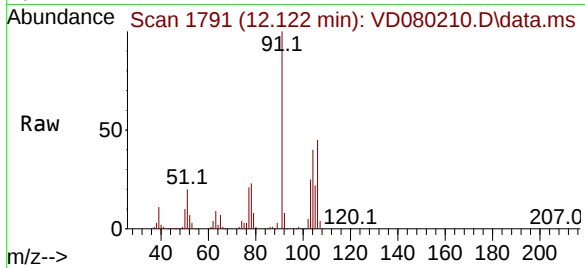




#54
o-Xylene
Concen: 27.847 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

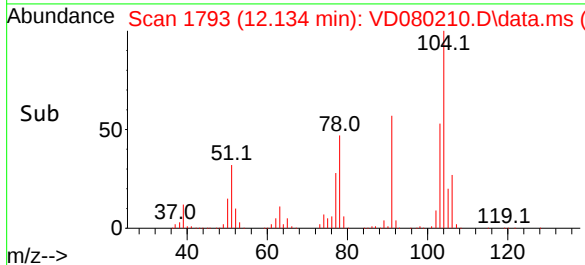
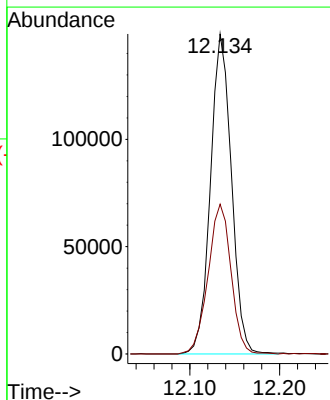
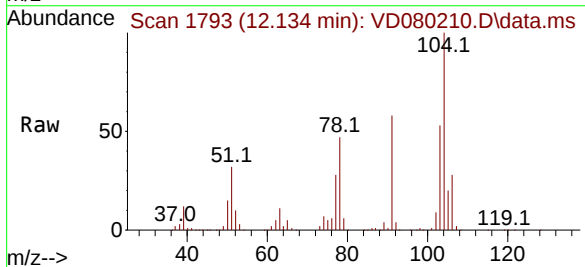
Instrument :
MSVOA_D
ClientSampleId :

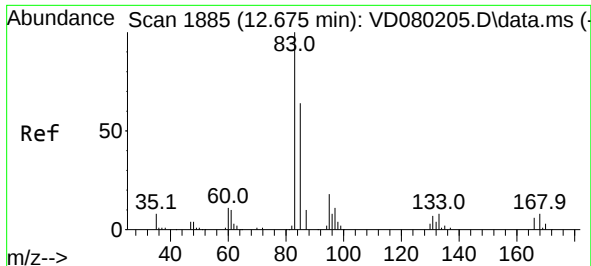
Tgt Ion:106 Resp: 129230
Ion Ratio Lower Upper
106 100
91 221.7 153.8 285.6



#55
Styrene
Concen: 28.844 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

Tgt Ion:104 Resp: 242441
Ion Ratio Lower Upper
104 100
78 46.8 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 30.264 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD080210.D

Acq: 10 Jan 2025 16:00

Instrument :

MSVOA_D

ClientSampleId :

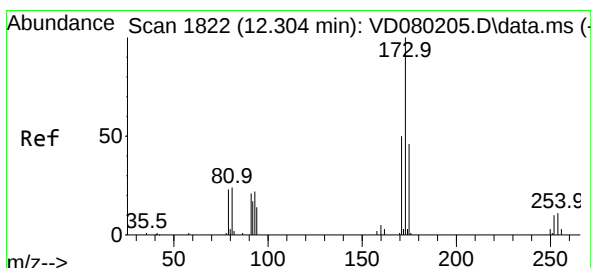
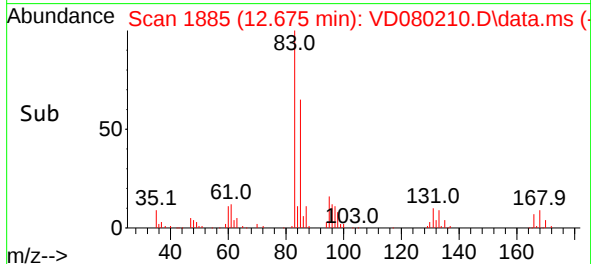
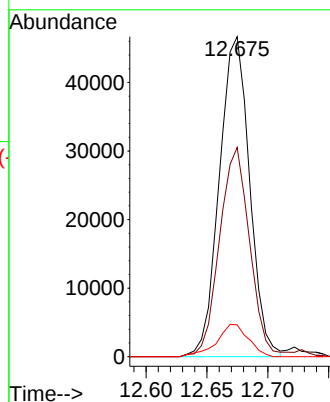
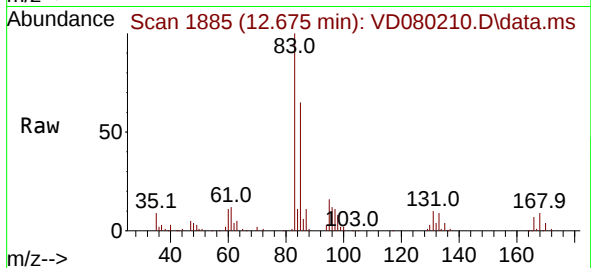
Tgt Ion: 83 Resp: 80805

Ion Ratio Lower Upper

83 100

85 65.4 40.7 75.5

131 10.0 6.2 9.2#



#59

Bromoform

Concen: 27.188 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. -0.006 min

Lab File: VD080210.D

Acq: 10 Jan 2025 16:00

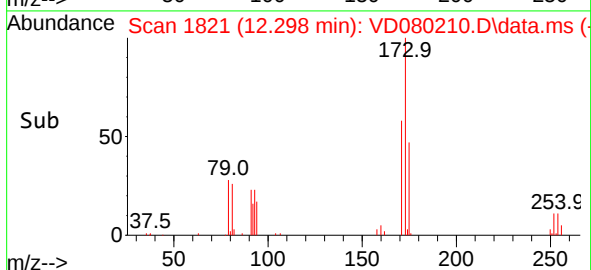
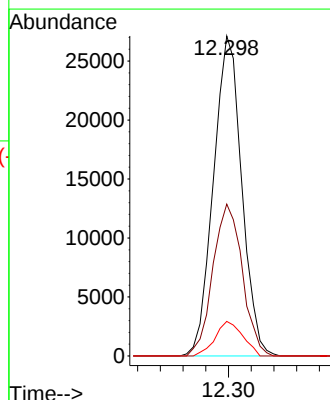
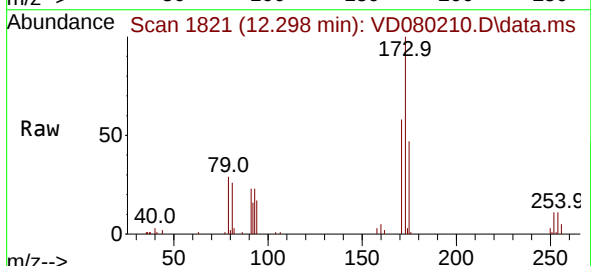
Tgt Ion:173 Resp: 46851

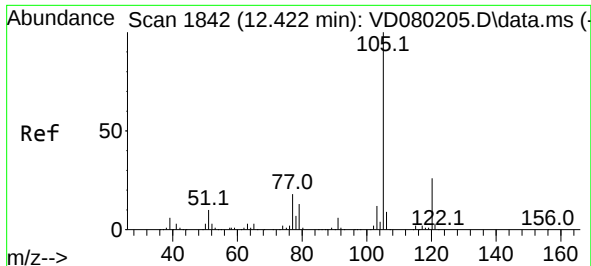
Ion Ratio Lower Upper

173 100

175 49.4 38.2 57.4

254 10.6 8.3 12.5

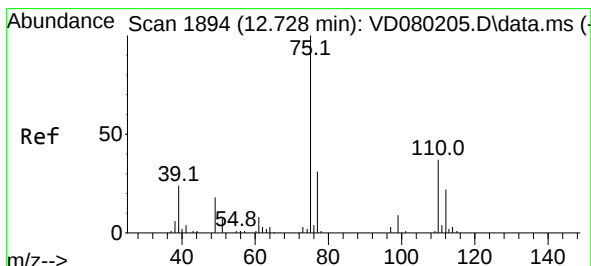
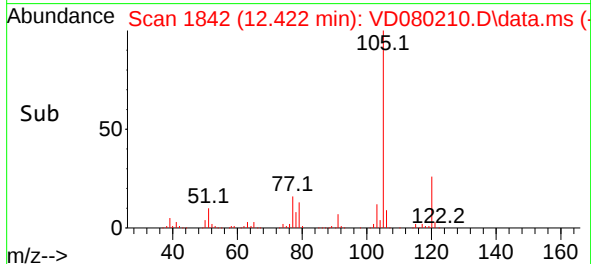
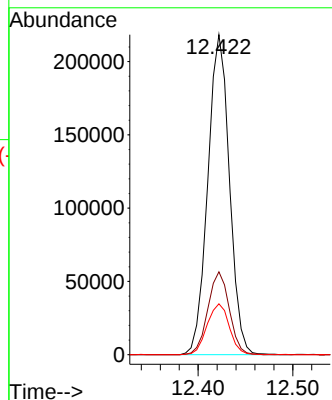
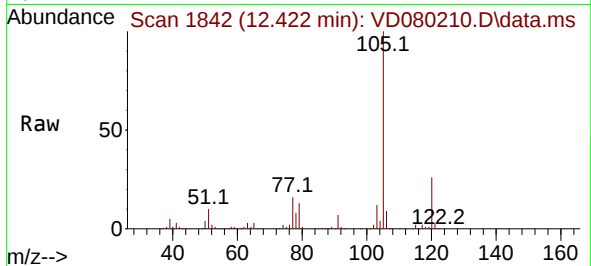




#60
Isopropylbenzene
Concen: 25.834 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

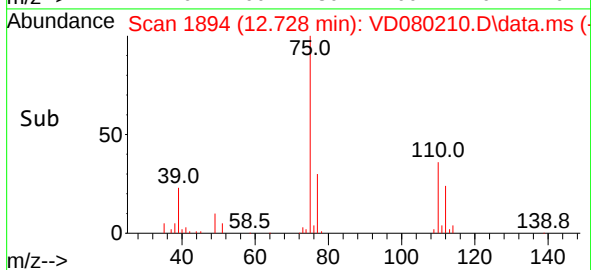
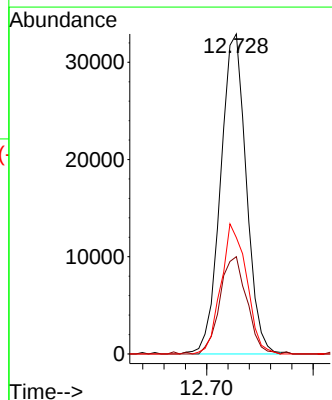
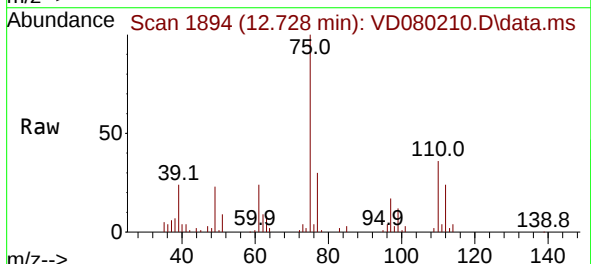
Instrument :
MSVOA_D
ClientSampleId :

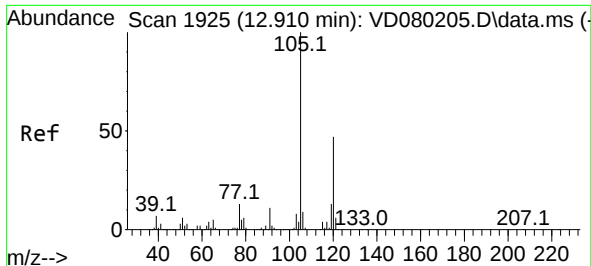
Tgt Ion:105 Resp: 346027
Ion Ratio Lower Upper
105 100
120 25.6 20.6 30.8
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 27.166 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

Tgt Ion: 75 Resp: 55170
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5
110 40.4 31.5 47.3

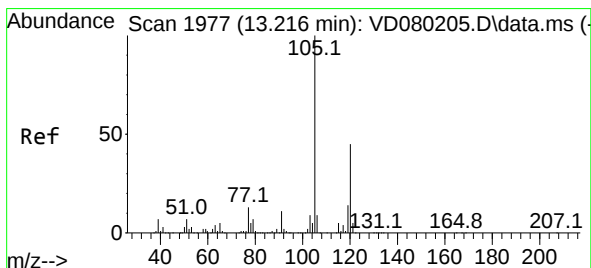
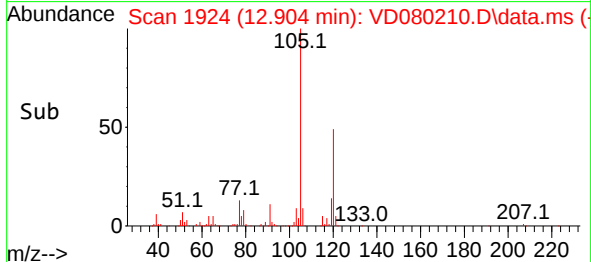
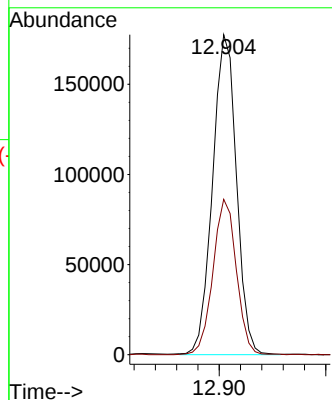
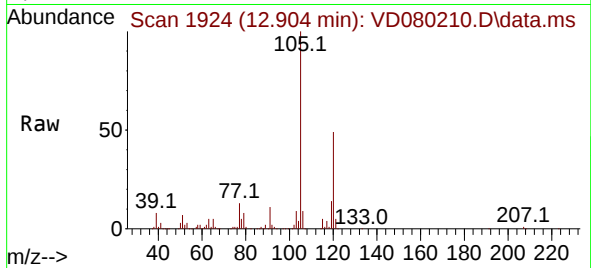




#62
 1,3,5-Trimethylbenzene
 Concen: 25.849 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: VD080210.D
 Acq: 10 Jan 2025 16:00

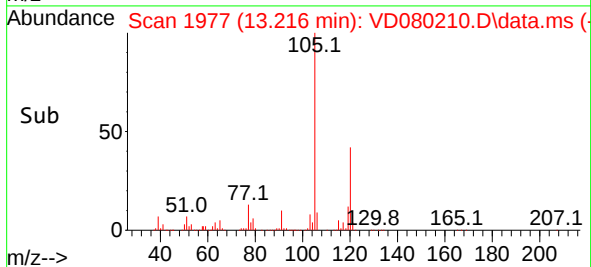
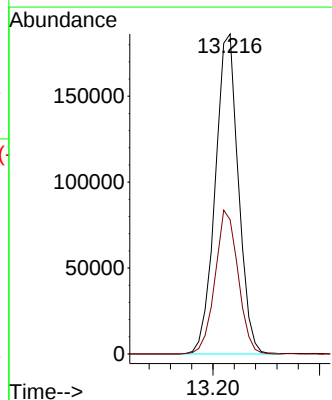
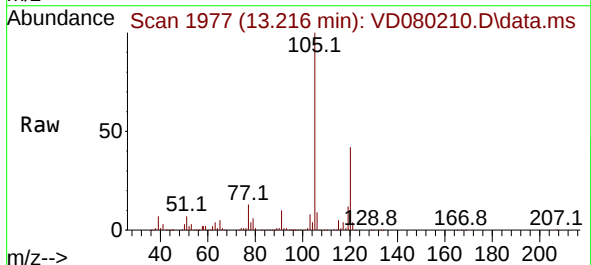
Instrument :
 MSVOA_D
 ClientSampleId :

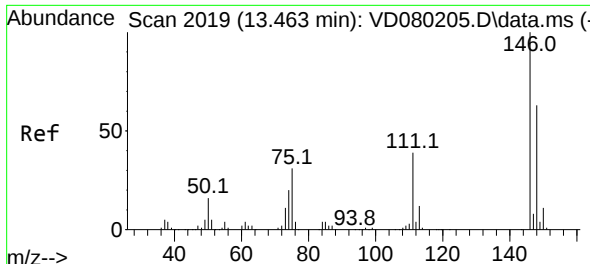
Tgt Ion:105 Resp: 275916
 Ion Ratio Lower Upper
 105 100
 120 47.5 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 26.950 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. -0.000 min
 Lab File: VD080210.D
 Acq: 10 Jan 2025 16:00

Tgt Ion:105 Resp: 280624
 Ion Ratio Lower Upper
 105 100
 120 44.7 36.1 54.1

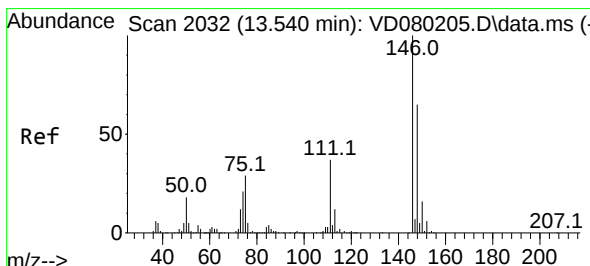
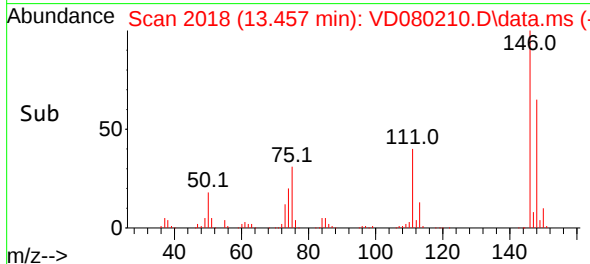
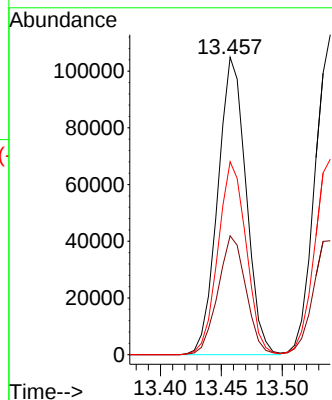
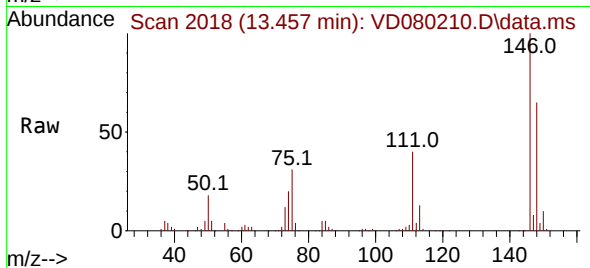




#64
1,3-Dichlorobenzene
Concen: 25.902 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

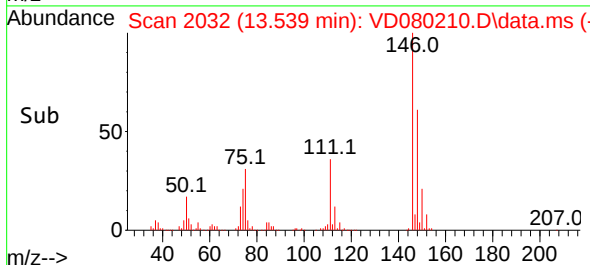
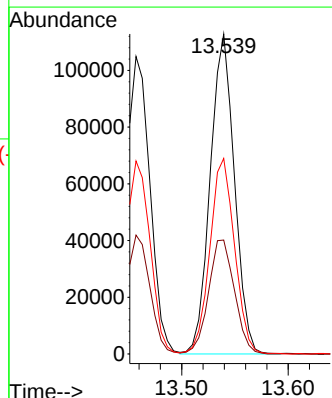
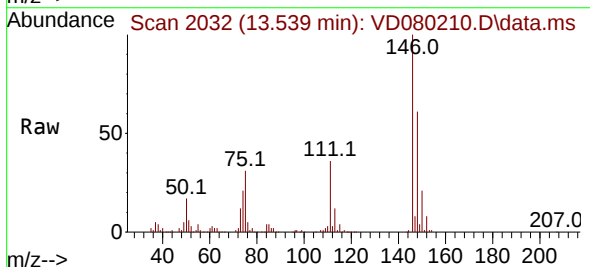
Instrument :
MSVOA_D
ClientSampleId :

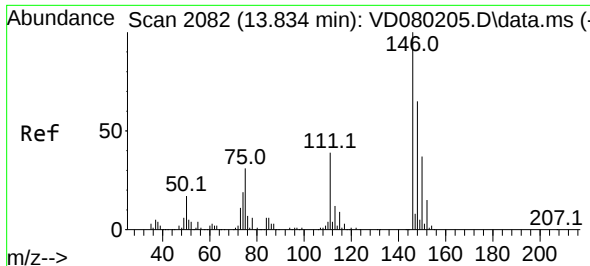
Tgt Ion:146 Resp: 169709
Ion Ratio Lower Upper
146 100
111 40.0 27.2 50.6
148 64.9 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 26.348 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

Tgt Ion:146 Resp: 178246
Ion Ratio Lower Upper
146 100
111 35.6 26.7 49.7
148 61.1 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 26.688 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD080210.D

Acq: 10 Jan 2025 16:00

Instrument :

MSVOA_D

ClientSampleId :

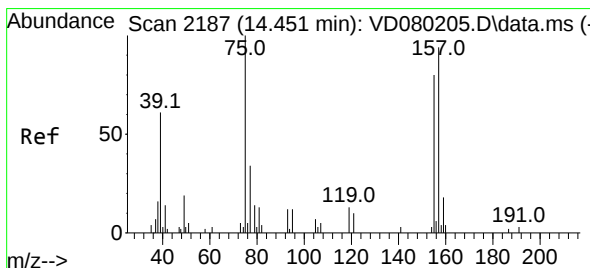
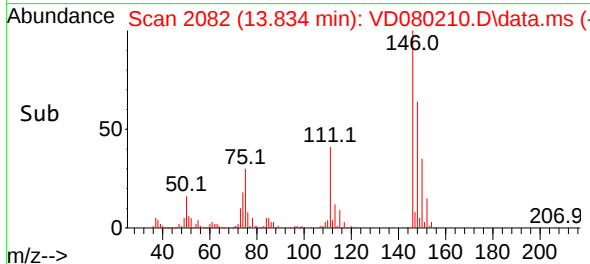
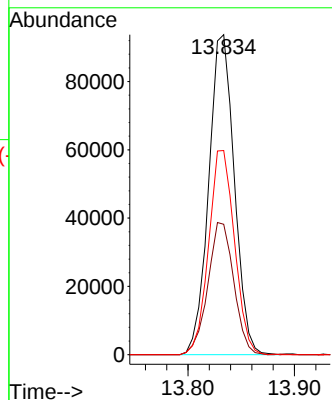
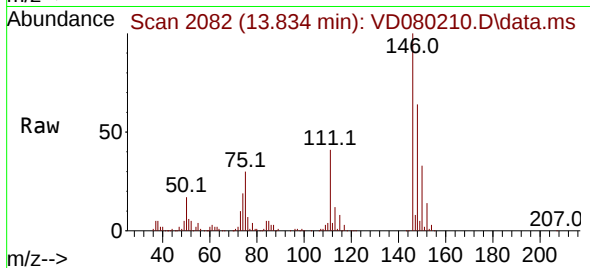
Tgt Ion:146 Resp: 156628

Ion Ratio Lower Upper

146 100

111 40.7 31.4 47.0

148 63.8 48.8 73.2



#68

1,2-Dibromo-3-chloropropane

Concen: 27.482 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD080210.D

Acq: 10 Jan 2025 16:00

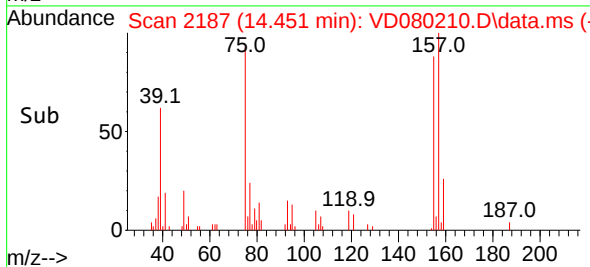
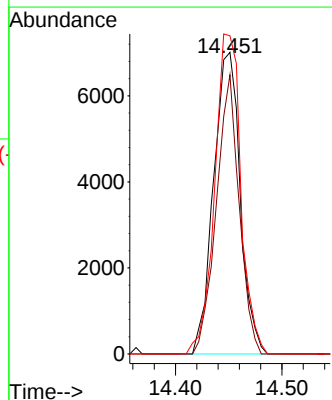
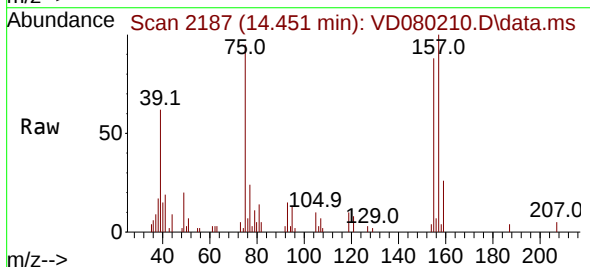
Tgt Ion: 75 Resp: 12136

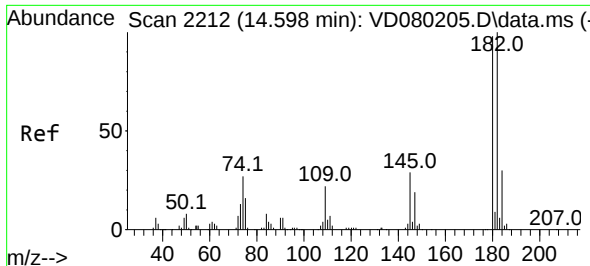
Ion Ratio Lower Upper

75 100

155 92.6 57.3 85.9#

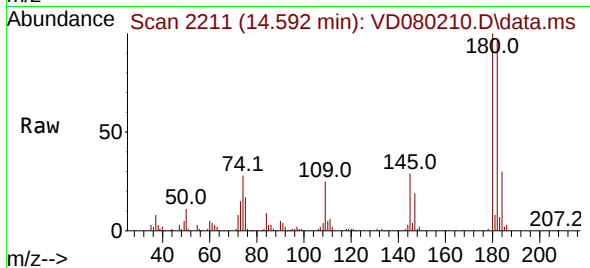
157 105.5 82.0 123.0



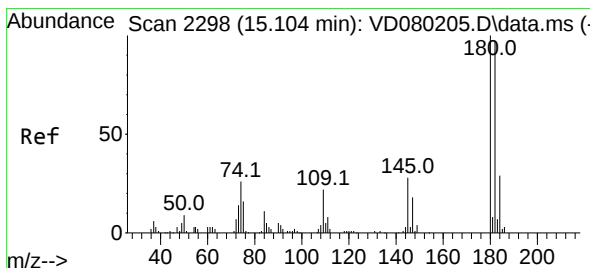
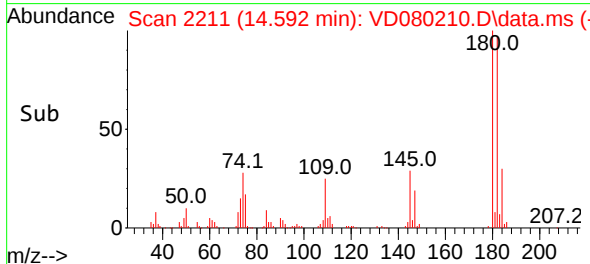
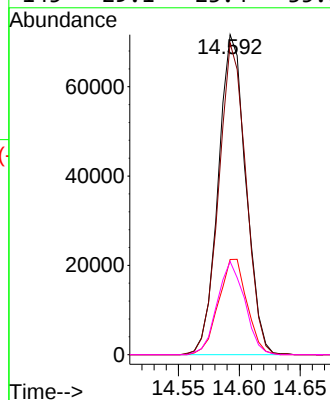


#69
 1,3,5-Trichlorobenzene
 Concen: 25.331 ug/L
 RT: 14.592 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VD080210.D
 Acq: 10 Jan 2025 16:00

Instrument :
 MSVOA_D
 ClientSampleId :

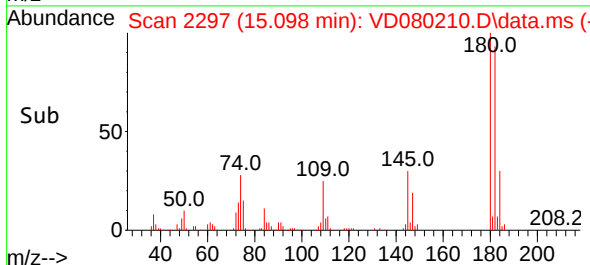
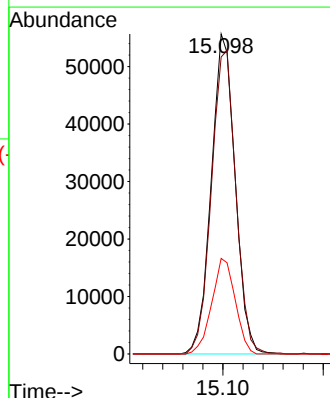
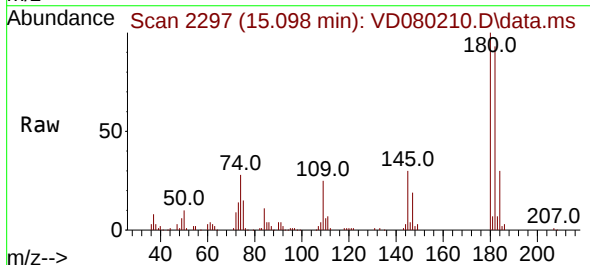


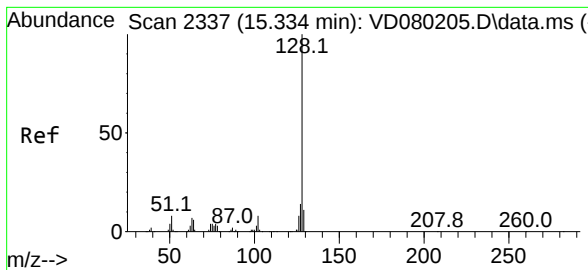
Tgt Ion:180 Resp: 112861
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.4 113.0
 184 30.7 24.0 36.0
 145 29.1 23.4 35.0



#70
 1,2,4-trichlorobenzene
 Concen: 25.249 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD080210.D
 Acq: 10 Jan 2025 16:00

Tgt Ion:180 Resp: 91798
 Ion Ratio Lower Upper
 180 100
 182 97.1 76.9 115.3
 145 29.3 23.5 35.3

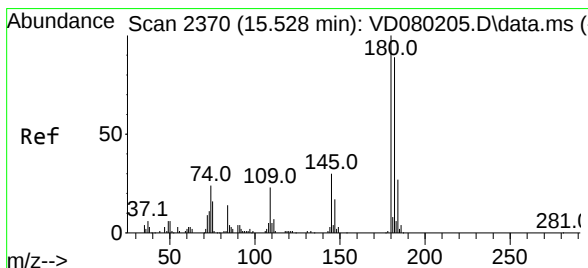
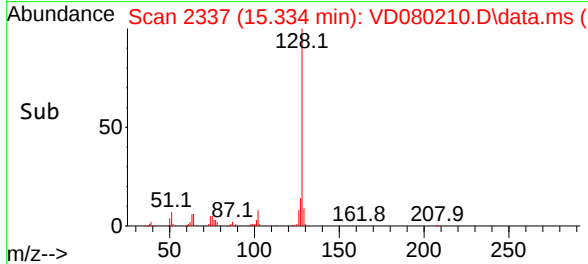
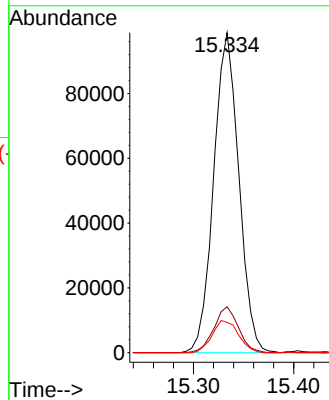
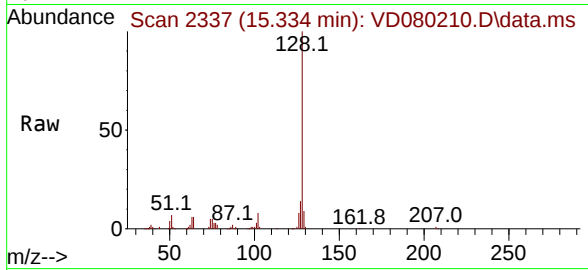




#71
Naphthalene
Concen: 26.872 ug/L
RT: 15.334 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 171894
Ion Ratio Lower Upper
128 100
127 14.0 11.5 17.3
129 10.5 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 26.692 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD080210.D
Acq: 10 Jan 2025 16:00

Tgt Ion:180 Resp: 90131
Ion Ratio Lower Upper
180 100
182 96.4 74.8 112.2
145 30.6 24.2 36.4

