

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011025\
 Data File : VD080205.D
 Acq On : 10 Jan 2025 11:37
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 13 00:05:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM010925SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 09 20:13:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	212816	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	209256	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	113108	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	148523	23.796	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.200%
7) Chloroethane-d5	2.811	69	126573	24.954	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	3.928	65	33518	22.254	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.000%
21) 2-Butanone-d5	6.993	46	33875	46.916	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.840%
24) Chloroform-d	7.575	84	163390	24.466	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.880%
26) 1,2-Dichloroethane-d4	8.234	65	91516	26.162	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.640%
32) Benzene-d6	8.205	84	332731	24.630	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.520%
36) 1,2-Dichloropropane-d6	9.216	67	106252	23.764	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.040%
41) Toluene-d8	10.269	98	315982	25.665	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.640%
43) trans-1,3-Dichloroprop...	10.528	79	43027	23.553	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.200%
47) 2-Hexanone-d5	10.881	63	30276	54.333	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.660%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	88030	26.274	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.080%
66) 1,2-Dichlorobenzene-d4	13.816	152	104046	24.470	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	85616	20.270	ug/L	99
3) Chloromethane	2.152	50	117526	20.410	ug/L	95
5) Vinyl chloride	2.287	62	152313	21.557	ug/L	99
6) Bromomethane	2.699	94	87712	21.317	ug/L	92
8) Chloroethane	2.846	64	96278	22.215	ug/L	100
9) Trichlorofluoromethane	3.181	101	135049	23.004	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	77500	23.138	ug/L	98
12) 1,1-Dichloroethene	3.952	96	63900	21.373	ug/L	88
13) Acetone	4.034	43	24179	42.335	ug/L	89
14) Carbon disulfide	4.275	76	241945	21.713	ug/L	99
15) Methyl Acetate	4.575	43	30921	21.633	ug/L	99
16) Methylene chloride	4.811	84	78317	21.678	ug/L	99
17) trans-1,2-Dichloroethene	5.322	96	71246	21.906	ug/L	99
18) Methyl tert-butyl Ether	5.322	73	139583	22.524	ug/L	99
19) 1,1-Dichloroethane	6.122	63	137562	21.908	ug/L	97
20) cis-1,2-Dichloroethene	7.087	96	77784	22.741	ug/L	95
22) 2-Butanone	7.087	43	34495	42.390	ug/L	99
23) Bromochloromethane	7.428	128	39148	23.668	ug/L	95
25) Chloroform	7.599	83	162095	23.293	ug/L	97

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 Response via : Initial Calibration

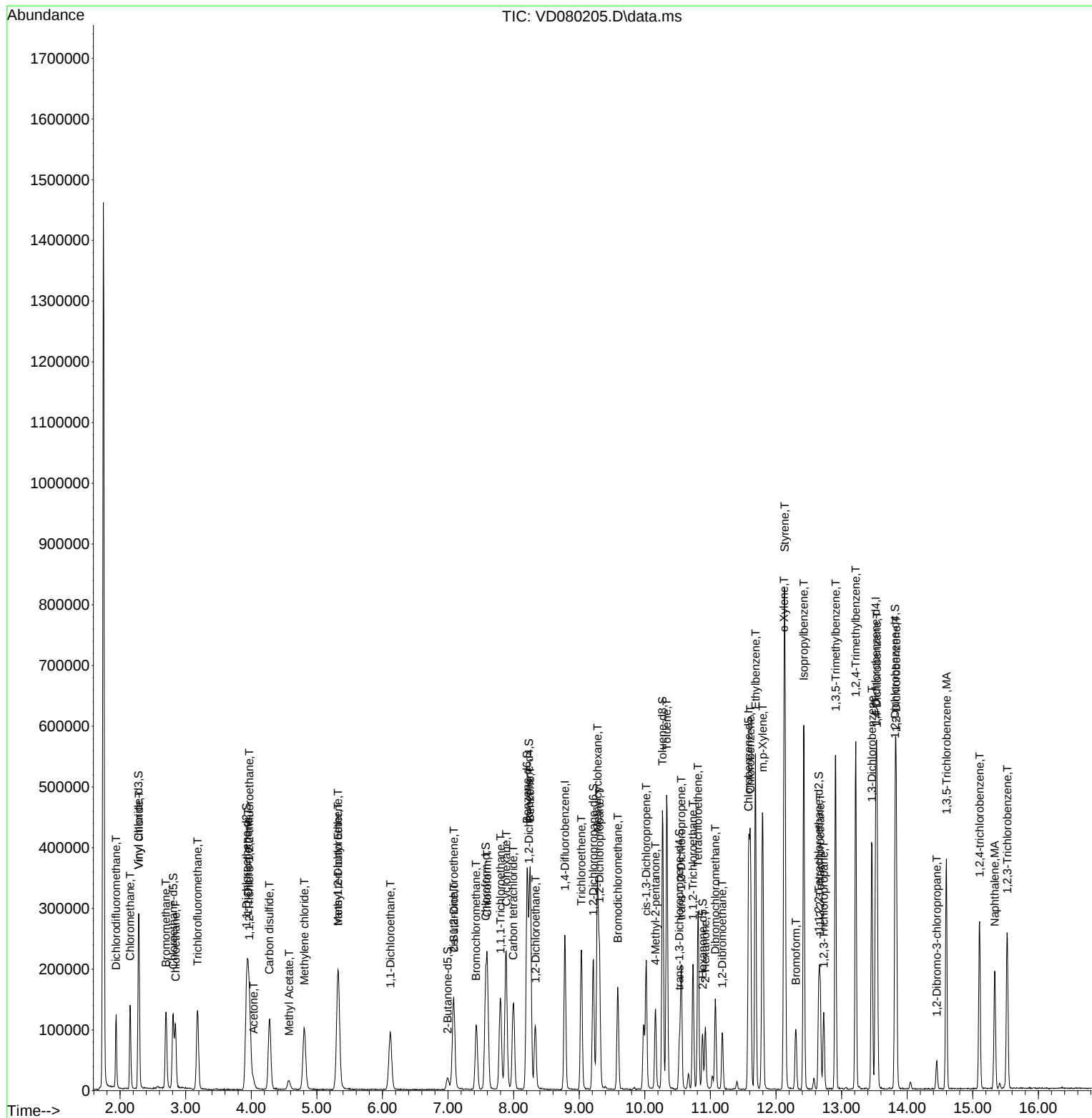
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.334	62	93771	23.099	ug/L	99
29) Cyclohexane	7.887	56	117462	22.311	ug/L	98
30) 1,1,1-Trichloroethane	7.799	97	123762	22.324	ug/L	99
31) Carbon tetrachloride	7.993	117	112846	23.062	ug/L	99
33) Benzene	8.252	78	323053	22.704	ug/L	100
34) Trichloroethene	9.034	95	82053	22.266	ug/L	98
35) Methylcyclohexane	9.281	83	129841	23.694	ug/L	99
37) 1,2-Dichloropropane	9.310	63	87241	22.504	ug/L	99
38) Bromodichloromethane	9.587	83	112233	23.092	ug/L	99
39) cis-1,3-Dichloropropene	10.022	75	123399	22.521	ug/L	99
40) 4-Methyl-2-pentanone	10.163	43	87507	45.983	ug/L	100
42) Toluene	10.334	91	358351	24.104	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	112057	23.681	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	65157	23.019	ug/L	98
46) Tetrachloroethene	10.810	164	68310	23.005	ug/L	92
48) 2-Hexanone	10.922	43	62640	48.276	ug/L	97
49) Dibromochloromethane	11.075	129	75717	24.020	ug/L	96
50) 1,2-Dibromoethane	11.181	107	60768	23.623	ug/L	99
51) Chlorobenzene	11.610	112	213180	22.368	ug/L	98
52) Ethylbenzene	11.687	91	381622	23.923	ug/L	98
53) m,p-Xylene	11.798	106	146699	24.607	ug/L	99
54) o-Xylene	12.122	106	135274	24.255	ug/L	95
55) Styrene	12.134	104	247872	24.539	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	78814	24.562	ug/L	92
59) Bromoform	12.304	173	48710	24.001	ug/L	99
60) Isopropylbenzene	12.422	105	366377	23.225	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	54335	22.717	ug/L	99
62) 1,3,5-Trimethylbenzene	12.910	105	287734	22.888	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	288998	23.566	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	172413	22.344	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	180746	22.685	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	160705	23.251	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.451	75	12067	23.202	ug/L	91
69) 1,3,5-Trichlorobenzene	14.598	180	117575	22.407	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	93113	21.746	ug/L	100
71) Naphthalene	15.334	128	166076	22.044	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	91680	23.053	ug/L	100

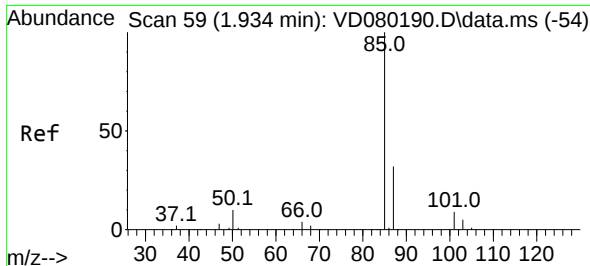
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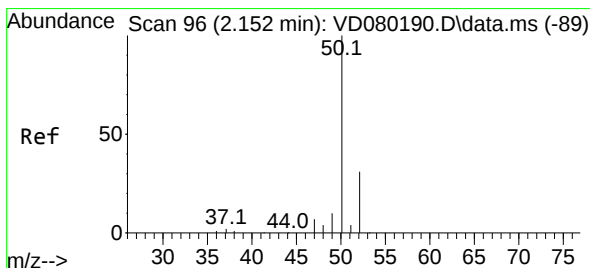
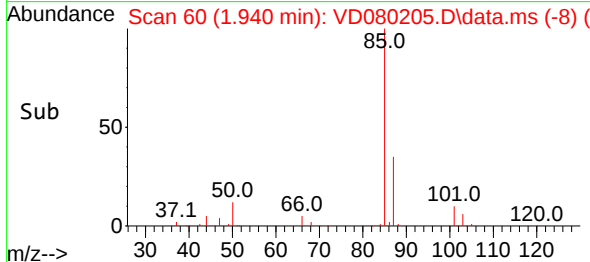
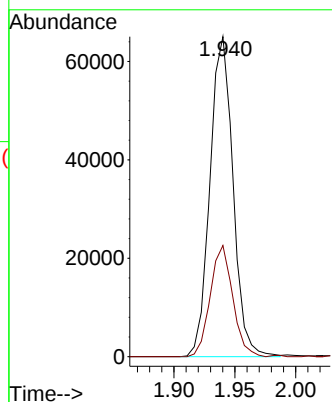
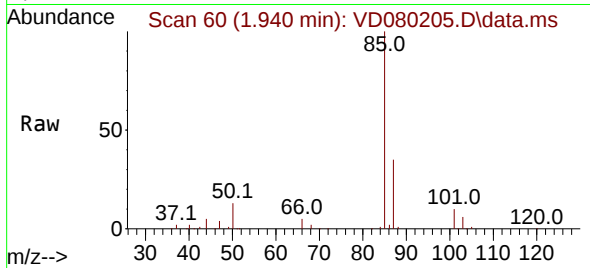




#2
Dichlorodifluoromethane
Concen: 20.270 ug/L
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD080205.D
Acq: 10 Jan 2025 11:37

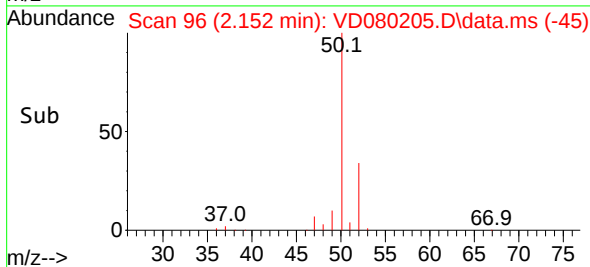
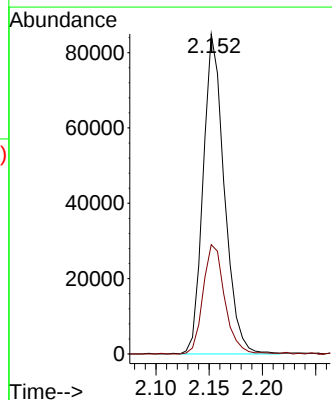
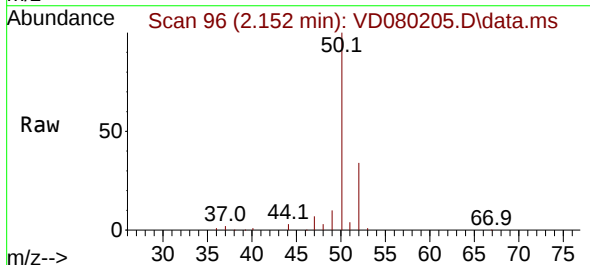
Instrument :
MSVOA_D
ClientSampleId :

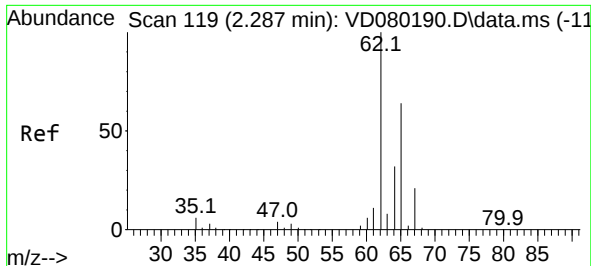
Tgt Ion: 85 Resp: 85616
Ion Ratio Lower Upper
85 100
87 33.8 26.4 39.6



#3
Chloromethane
Concen: 20.410 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD080205.D
Acq: 10 Jan 2025 11:37

Tgt Ion: 50 Resp: 117526
Ion Ratio Lower Upper
50 100
52 34.1 22.0 40.8

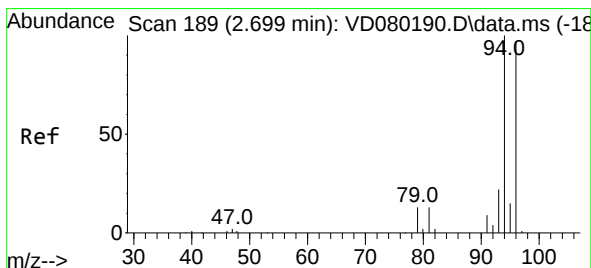
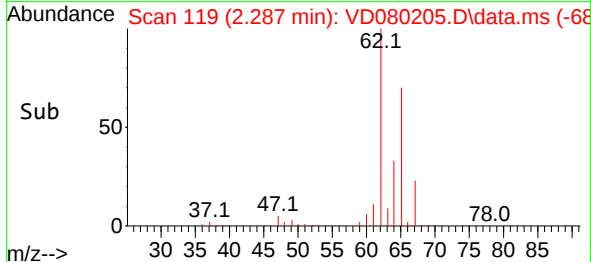
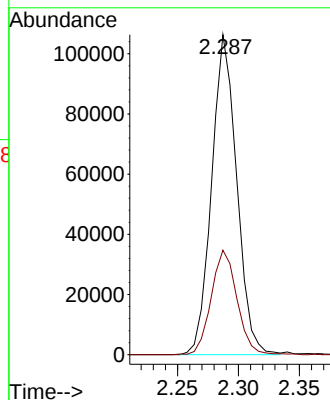
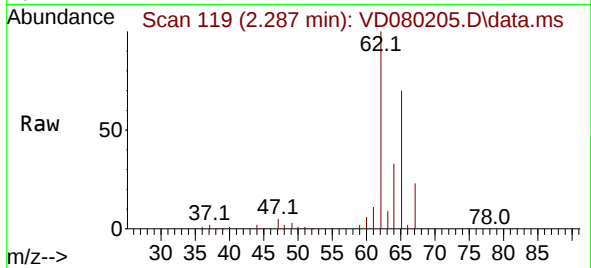




#5
 Vinyl chloride
 Concen: 21.557 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD080205.D
 Acq: 10 Jan 2025 11:37

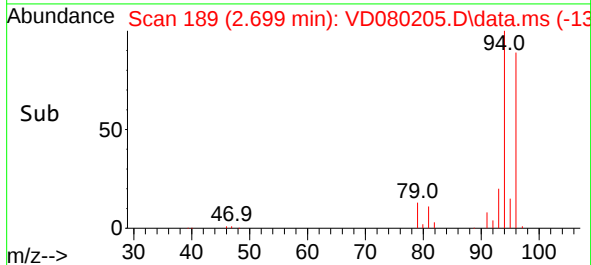
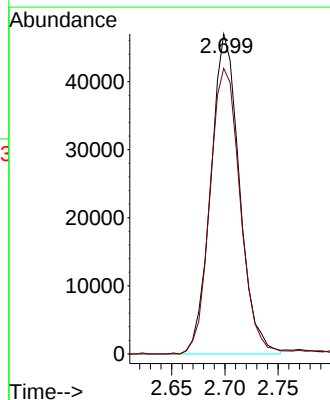
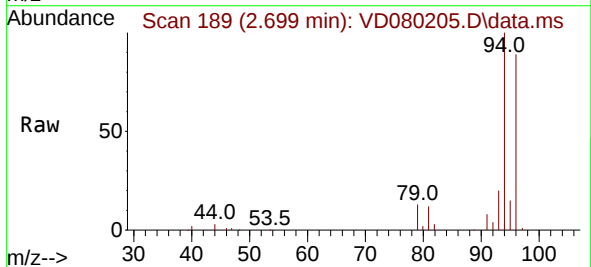
Instrument :
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 ClientSampleId :

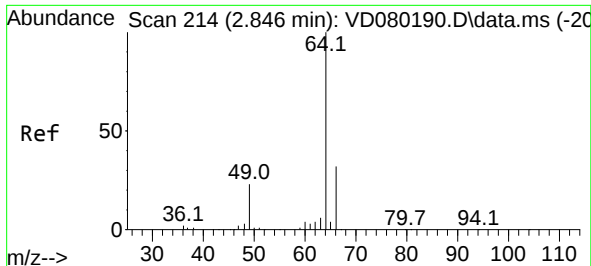
Tgt Ion: 62 Resp: 152313
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.3 41.5



#6
 Bromomethane
 Concen: 21.317 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD080205.D
 Acq: 10 Jan 2025 11:37

Tgt Ion: 94 Resp: 87712
 Ion Ratio Lower Upper
 94 100
 96 89.3 67.7 125.7

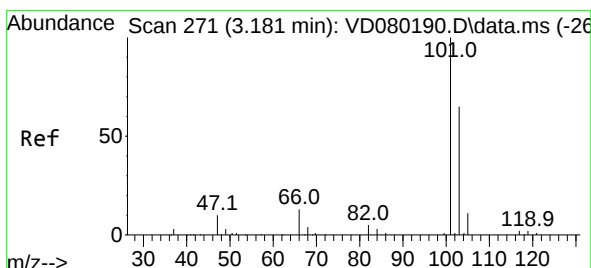
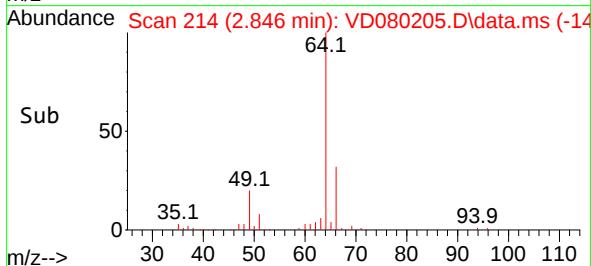
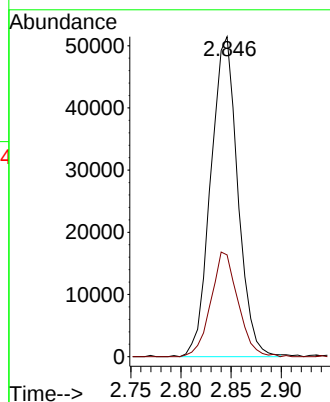
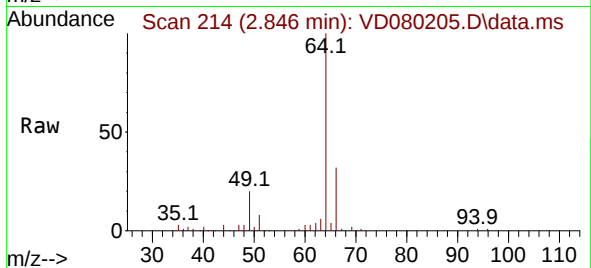




#8
 Chloroethane
 Concen: 22.215 ug/L
 RT: 2.846 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VD080205.D
 Acq: 10 Jan 2025 11:37

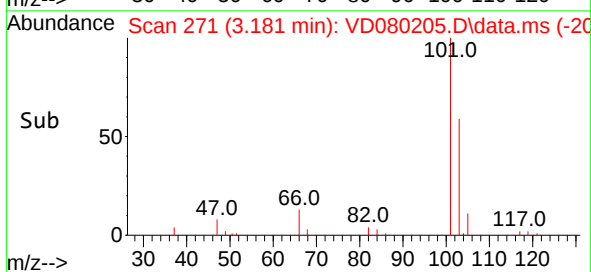
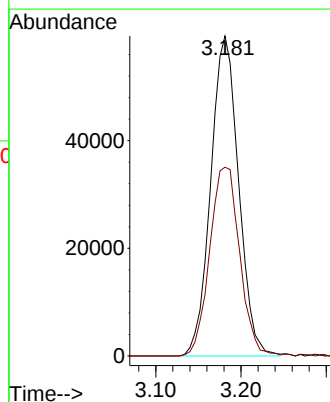
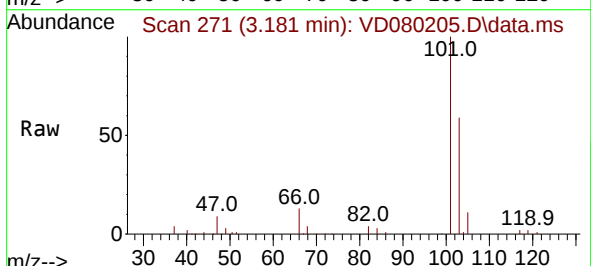
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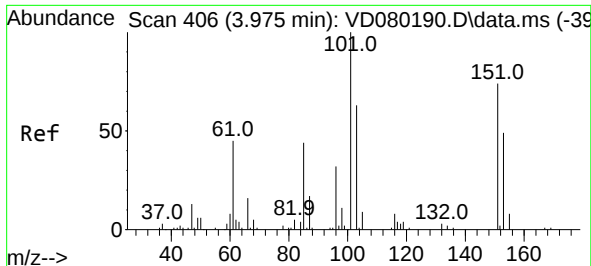
Tgt Ion: 64 Resp: 96278
 Ion Ratio Lower Upper
 64 100
 66 31.8 22.3 41.5



#9
 Trichlorofluoromethane
 Concen: 23.004 ug/L
 RT: 3.181 min Scan# 271
 Delta R.T. 0.000 min
 Lab File: VD080205.D
 Acq: 10 Jan 2025 11:37

Tgt Ion:101 Resp: 135049
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.2 78.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 23.138 ug/L

RT: 3.969 min Scan# 406

Delta R.T. -0.006 min

Lab File: VD080205.D

Acq: 10 Jan 2025 11:37

Instrument :

MSVOA_D

ClientSampleId :

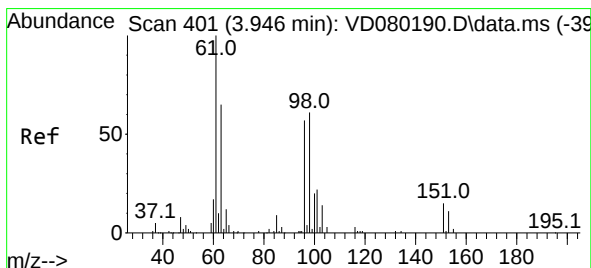
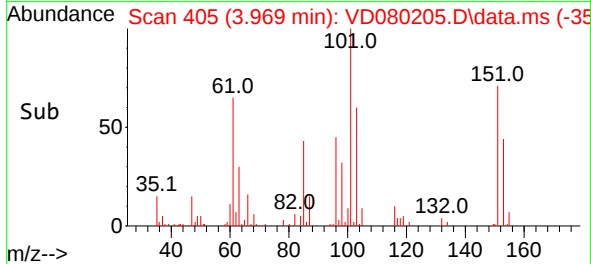
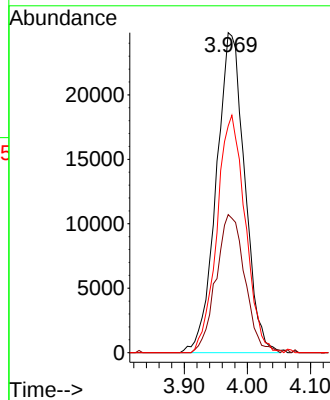
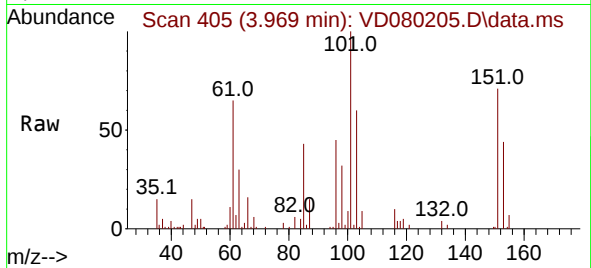
Tgt Ion:101 Resp: 77500

Ion Ratio Lower Upper

101 100

85 43.2 35.6 53.4

151 73.6 60.0 90.0



#12

1,1-Dichloroethene

Concen: 21.373 ug/L

RT: 3.952 min Scan# 402

Delta R.T. 0.006 min

Lab File: VD080205.D

Acq: 10 Jan 2025 11:37

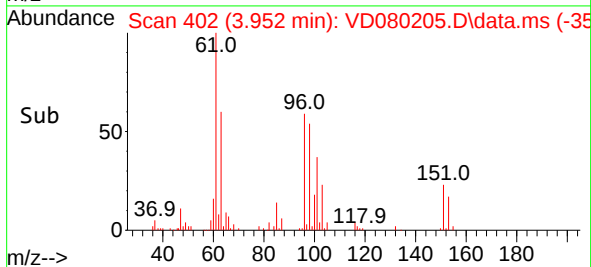
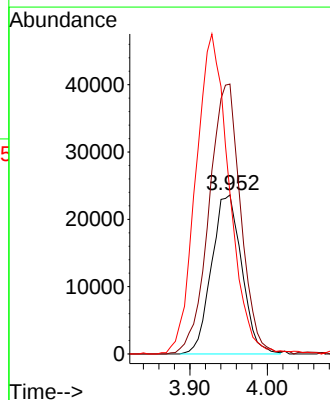
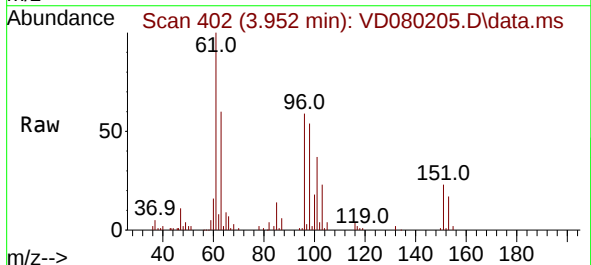
Tgt Ion: 96 Resp: 63900

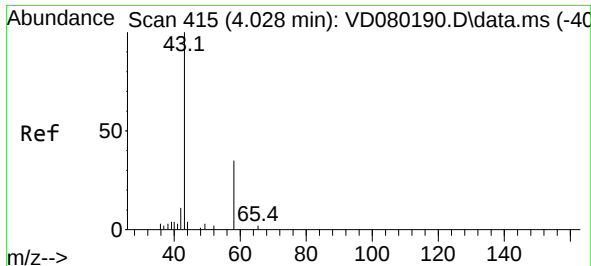
Ion Ratio Lower Upper

96 100

61 169.7 123.1 228.7

63 101.0 89.6 166.4





#13

Acetone

Concen: 42.335 ug/L

RT: 4.034 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD080205.D

Acq: 10 Jan 2025 11:37

Instrument :

MSVOA_D

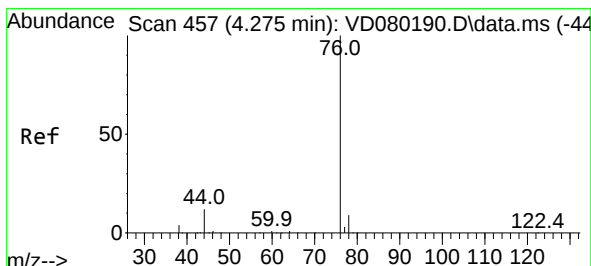
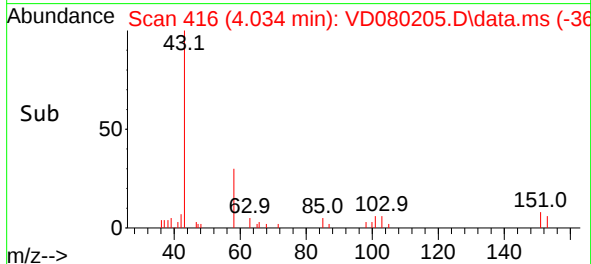
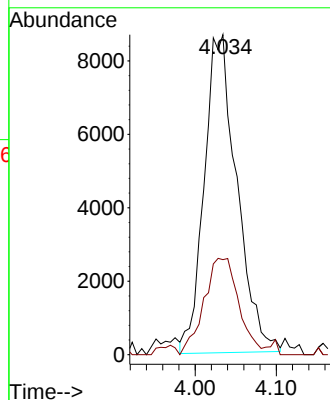
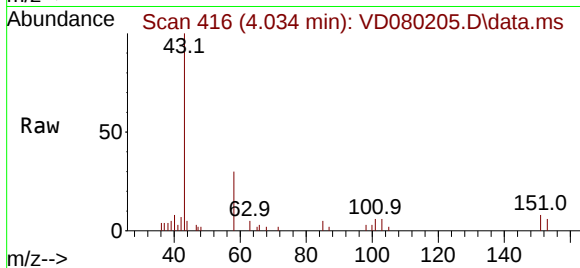
ClientSampleId :

Tgt Ion: 43 Resp: 24179

Ion Ratio Lower Upper

43 100

58 32.2 0.0 52.8



#14

Carbon disulfide

Concen: 21.713 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD080205.D

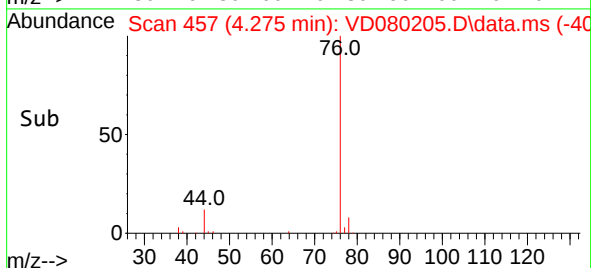
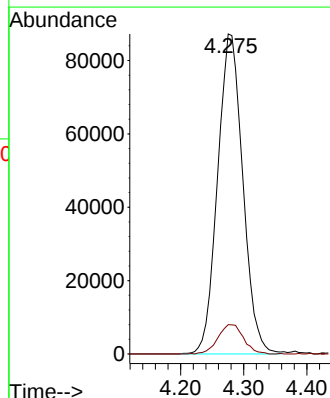
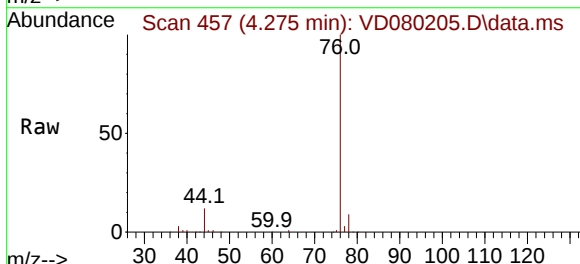
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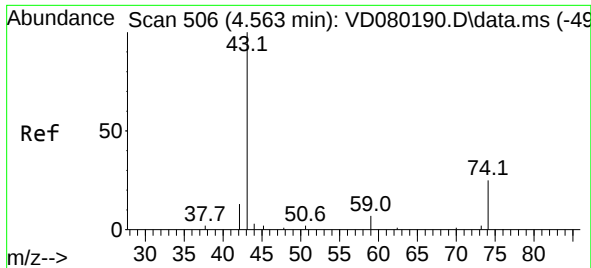
Tgt Ion: 76 Resp: 241945

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

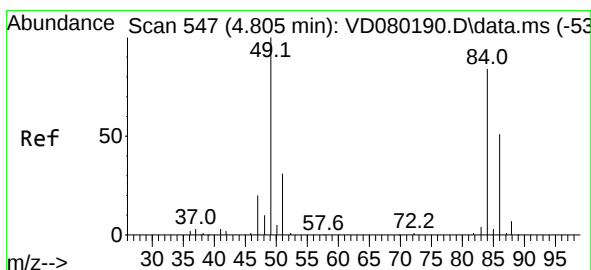
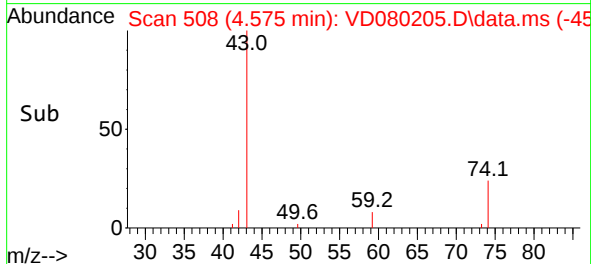
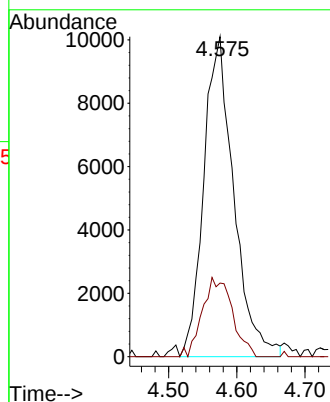
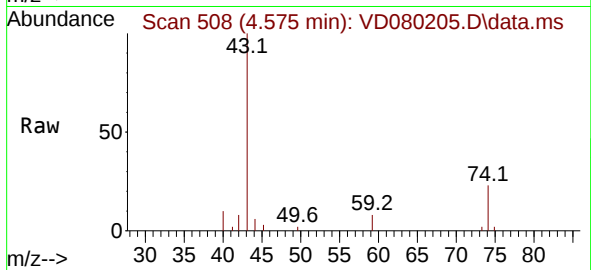




#15
Methyl Acetate
Concen: 21.633 ug/L
RT: 4.575 min Scan# 506
Delta R.T. 0.012 min
Lab File: VD080205.D
Acq: 10 Jan 2025 11:37

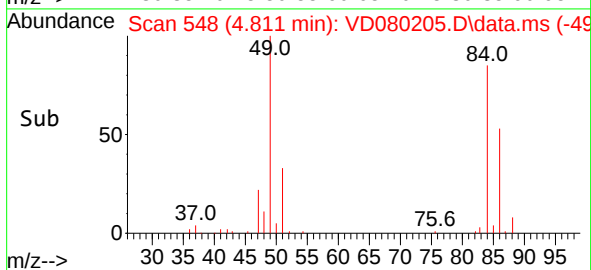
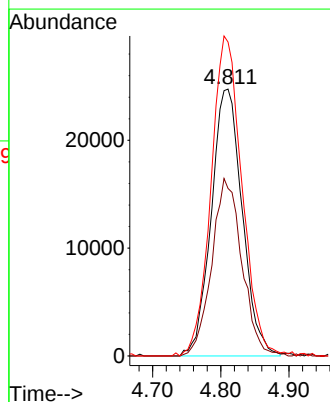
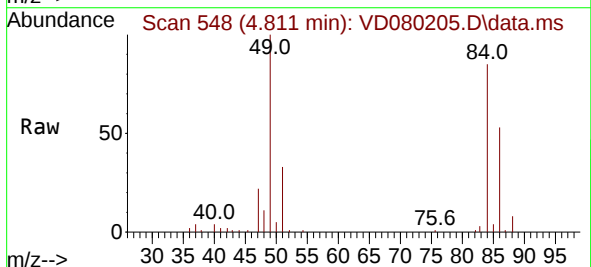
Instrument :
MSVOA_D
ClientSampleId :

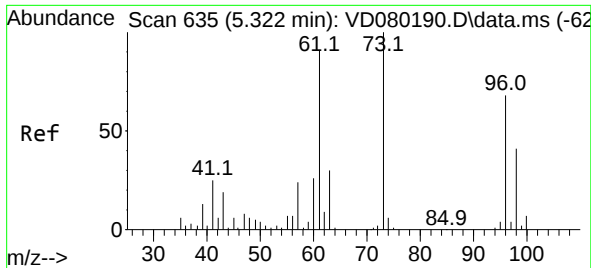
Tgt Ion: 43 Resp: 30921
Ion Ratio Lower Upper
43 100
74 12.1 10.1 15.1



#16
Methylene chloride
Concen: 21.678 ug/L
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD080205.D
Acq: 10 Jan 2025 11:37

Tgt Ion: 84 Resp: 78317
Ion Ratio Lower Upper
84 100
86 62.8 42.8 79.4
49 117.6 83.1 154.3

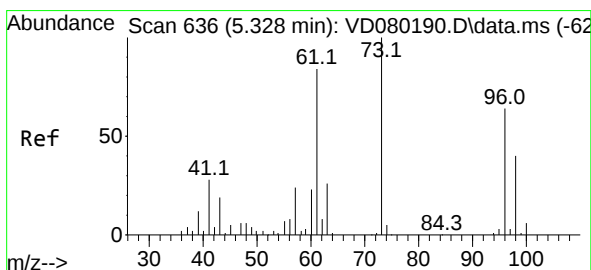
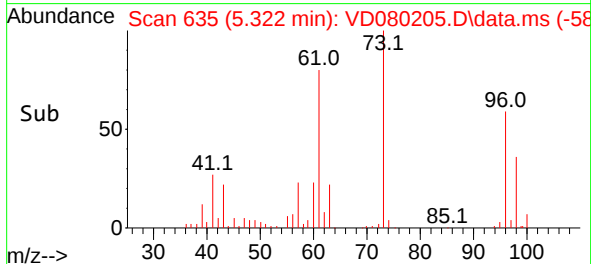
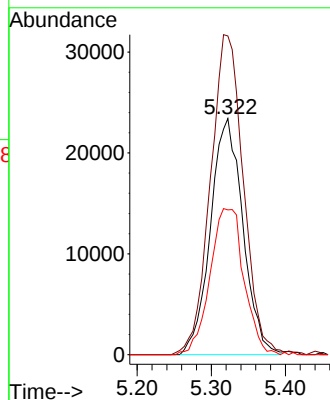
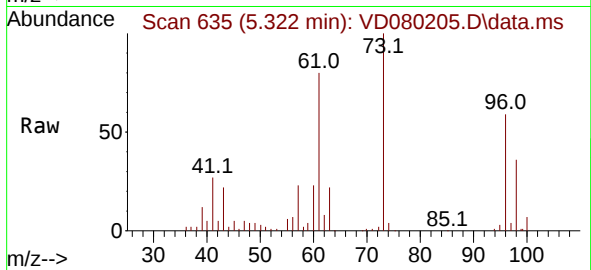




#17
trans-1,2-Dichloroethene
Concen: 21.906 ug/L
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD080205.D
Acq: 10 Jan 2025 11:37

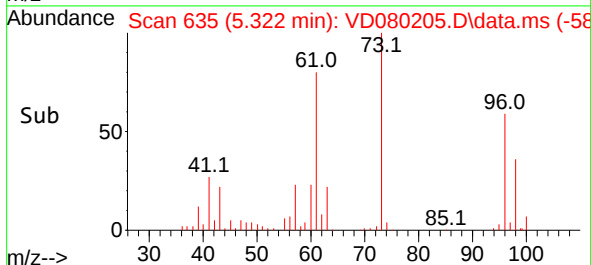
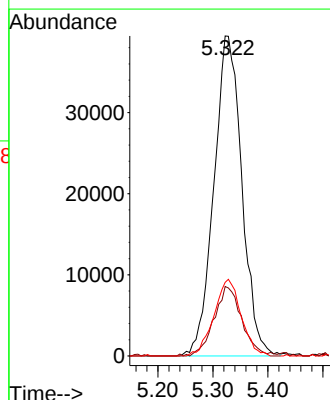
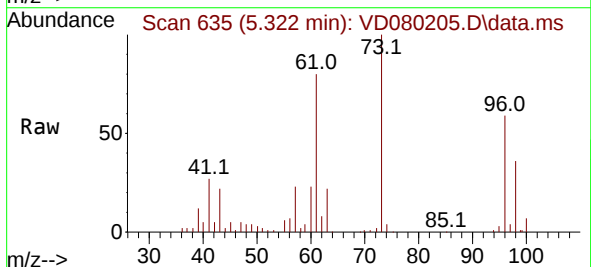
Instrument :
MSVOA_D
ClientSampleId :

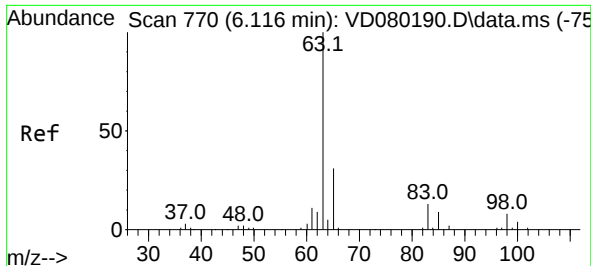
Tgt Ion: 96 Resp: 71246
Ion Ratio Lower Upper
96 100
61 135.0 93.7 173.9
98 61.3 42.1 78.1



#18
Methyl tert-butyl Ether
Concen: 22.524 ug/L
RT: 5.322 min Scan# 635
Delta R.T. -0.006 min
Lab File: VD080205.D
Acq: 10 Jan 2025 11:37

Tgt Ion: 73 Resp: 139583
Ion Ratio Lower Upper
73 100
43 21.3 16.6 24.8
57 23.3 18.9 28.3





#19

1,1-Dichloroethane

Concen: 21.908 ug/L

RT: 6.122 min Scan# 71

Delta R.T. 0.006 min

Lab File: VD080205.D

Acq: 10 Jan 2025 11:37

Instrument :

MSVOA_D

ClientSampleId :

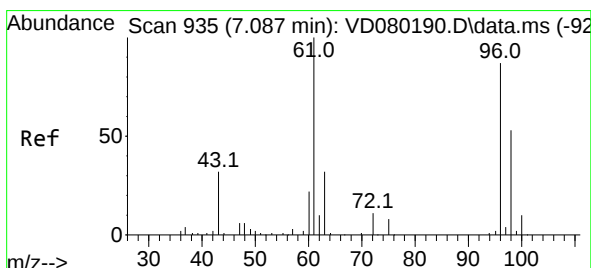
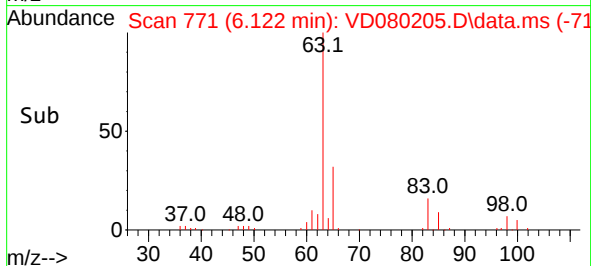
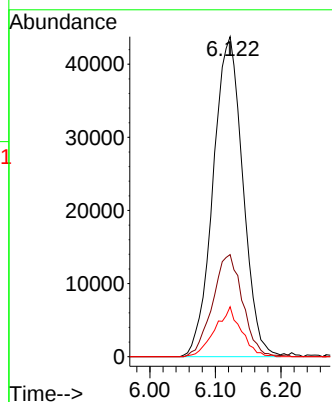
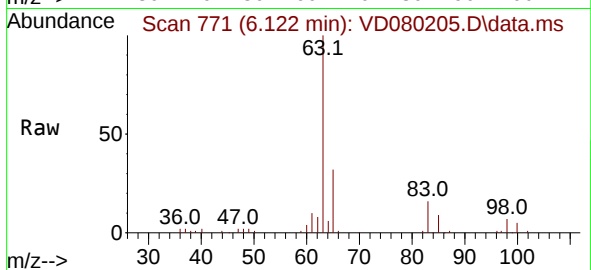
Tgt Ion: 63 Resp: 137562

Ion Ratio Lower Upper

63 100

65 31.9 21.7 40.3

83 15.6 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 22.741 ug/L

RT: 7.087 min Scan# 935

Delta R.T. 0.000 min

Lab File: VD080205.D

Acq: 10 Jan 2025 11:37

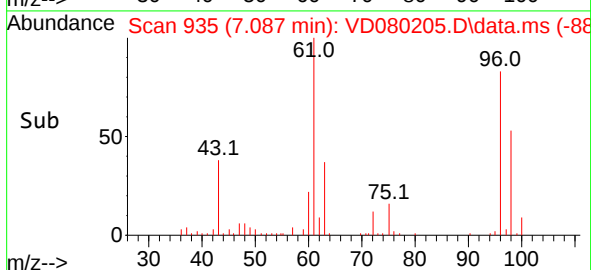
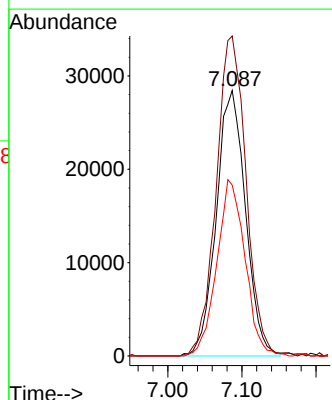
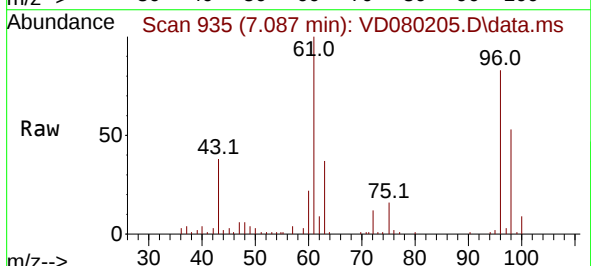
Tgt Ion: 96 Resp: 77784

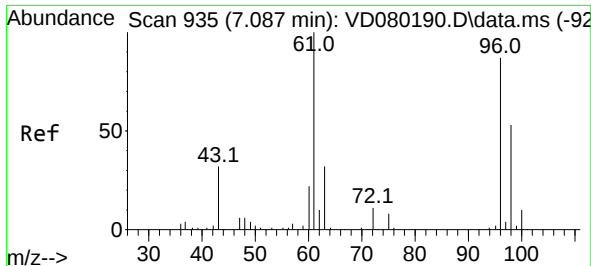
Ion Ratio Lower Upper

96 100

61 120.6 80.8 150.0

98 64.4 42.6 79.0

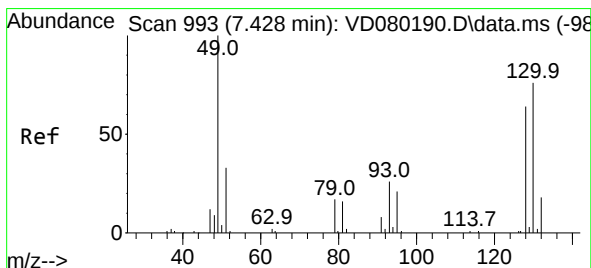
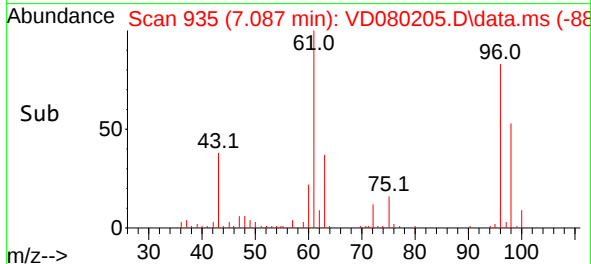
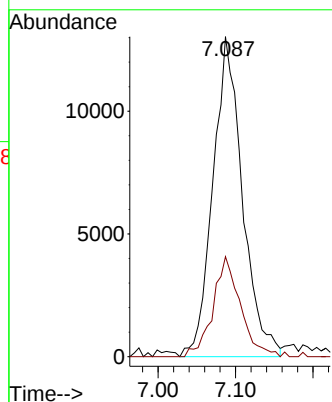
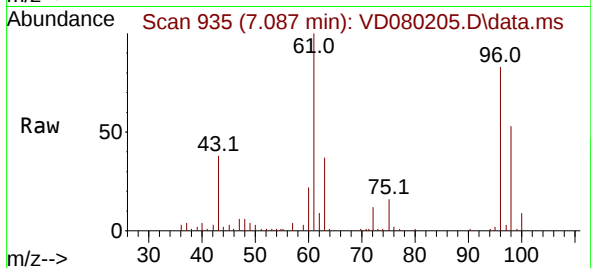




#22
2-Butanone
Concen: 42.390 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080205.D
Acq: 10 Jan 2025 11:37

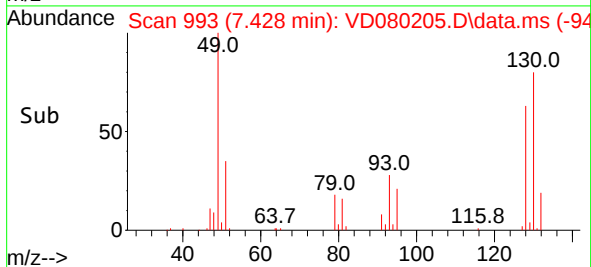
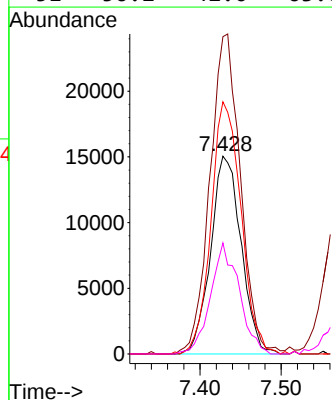
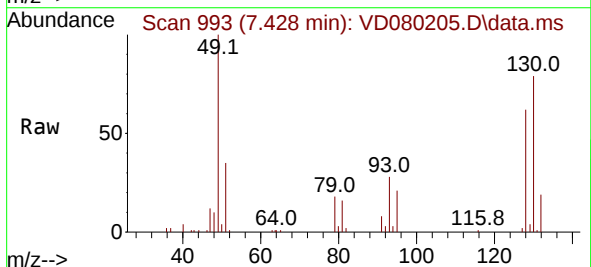
Instrument :
MSVOA_D
ClientSampleId :

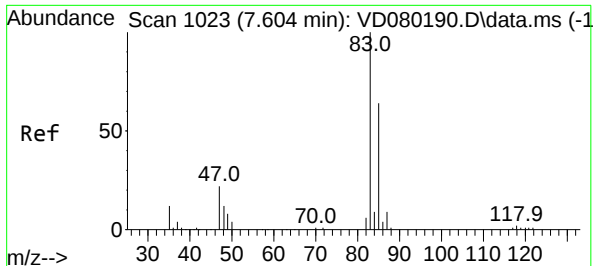
Tgt Ion: 43 Resp: 34495
Ion Ratio Lower Upper
43 100
72 28.4 14.0 42.0



#23
Bromochloromethane
Concen: 23.668 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD080205.D
Acq: 10 Jan 2025 11:37

Tgt Ion:128 Resp: 39148
Ion Ratio Lower Upper
128 100
49 160.5 110.7 205.7
130 127.6 83.1 154.3
51 56.2 42.0 63.0





#25

Chloroform

Concen: 23.293 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD080205.D

Acq: 10 Jan 2025 11:37

Instrument :

MSVOA_D

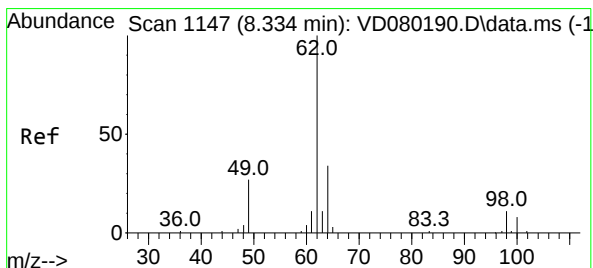
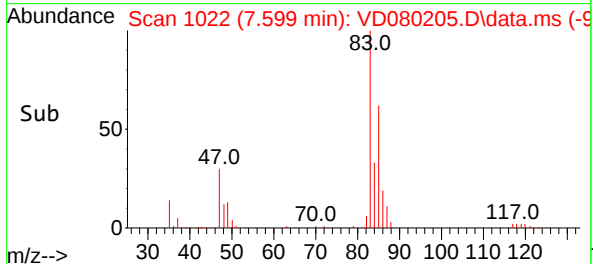
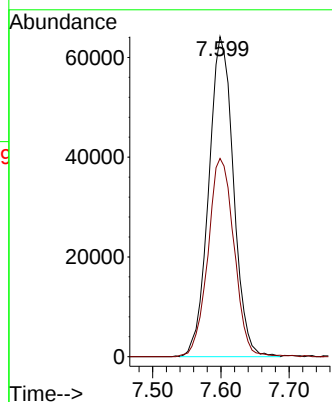
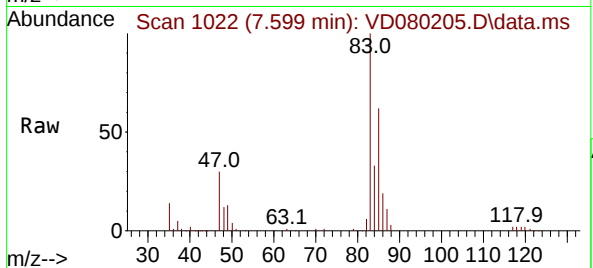
ClientSampleId :

Tgt Ion: 83 Resp: 162095

Ion Ratio Lower Upper

83 100

85 62.0 45.1 83.9



#27

1,2-Dichloroethane

Concen: 23.099 ug/L

RT: 8.334 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VD080205.D

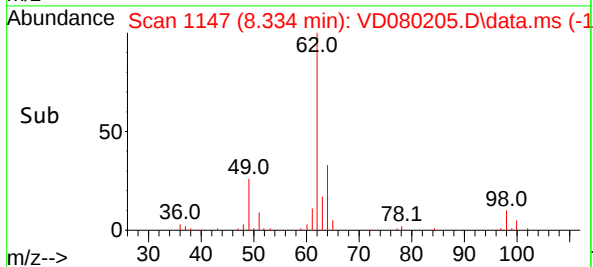
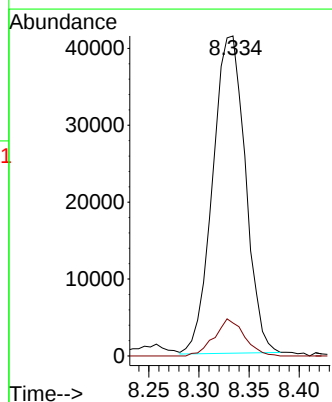
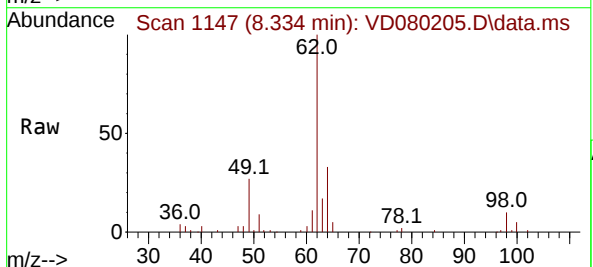
Acq: 10 Jan 2025 11:37

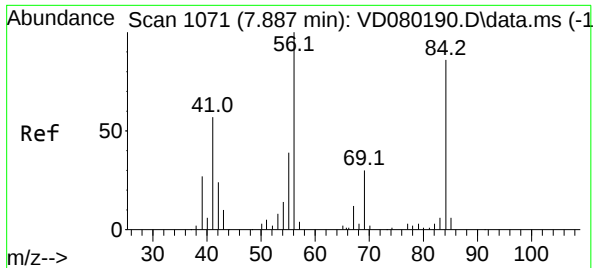
Tgt Ion: 62 Resp: 93771

Ion Ratio Lower Upper

62 100

98 10.3 8.6 13.0





#29

Cyclohexane

Concen: 22.311 ug/L

RT: 7.887 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VD080205.D

Acq: 10 Jan 2025 11:37

Instrument :

MSVOA_D

ClientSampleId :

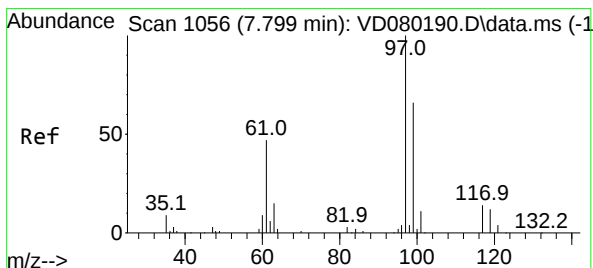
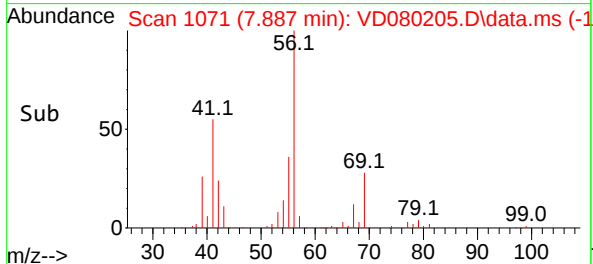
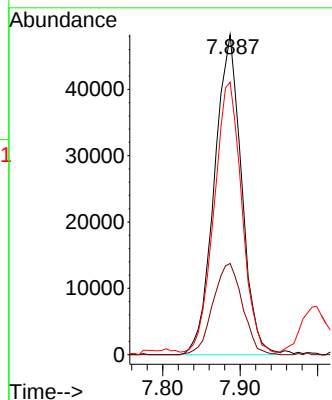
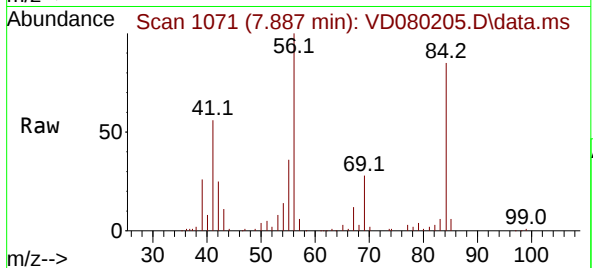
Tgt Ion: 56 Resp: 117462

Ion Ratio Lower Upper

56 100

69 30.9 24.2 36.4

84 87.9 68.8 103.2



#30

1,1,1-Trichloroethane

Concen: 22.324 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD080205.D

Acq: 10 Jan 2025 11:37

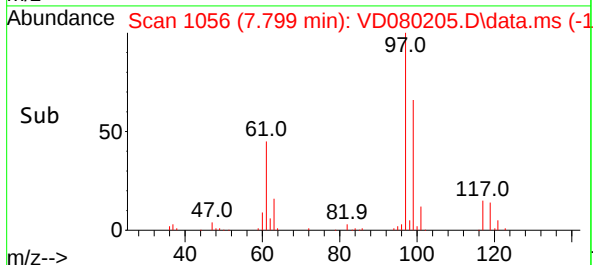
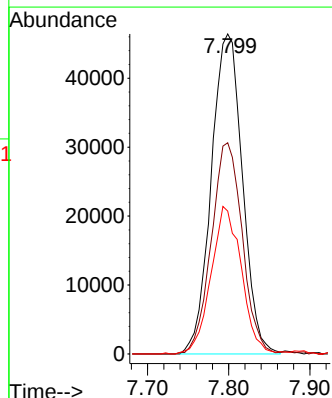
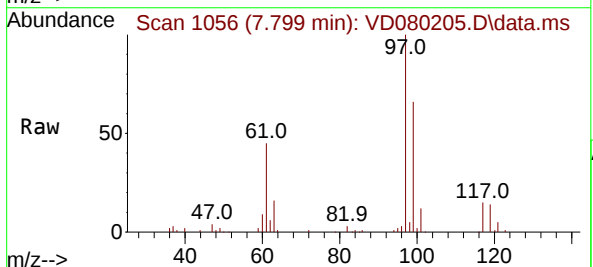
Tgt Ion: 97 Resp: 123762

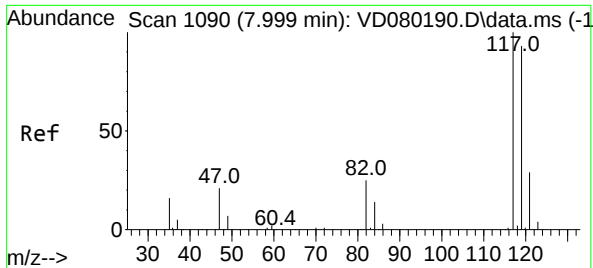
Ion Ratio Lower Upper

97 100

99 65.5 51.7 77.5

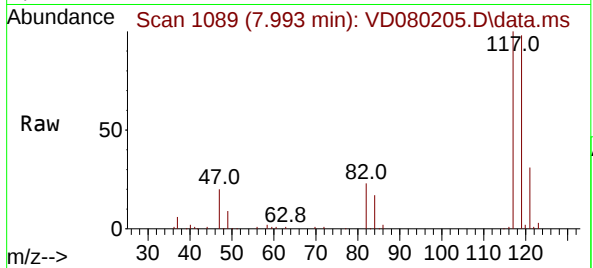
61 44.9 35.8 53.6



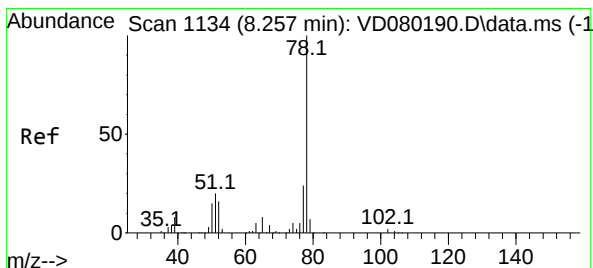
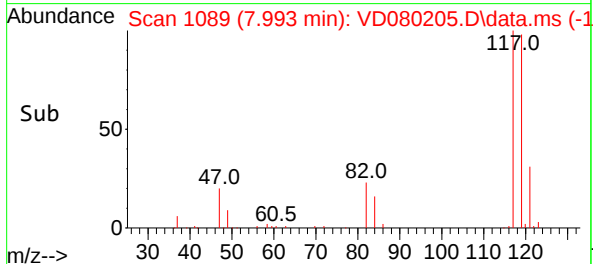
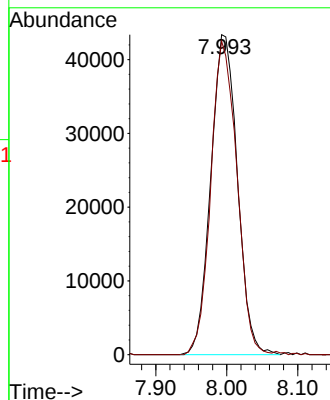


#31
Carbon tetrachloride
Concen: 23.062 ug/L
RT: 7.993 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD080205.D
Acq: 10 Jan 2025 11:37

Instrument :
MSVOA_D
ClientSampleId :

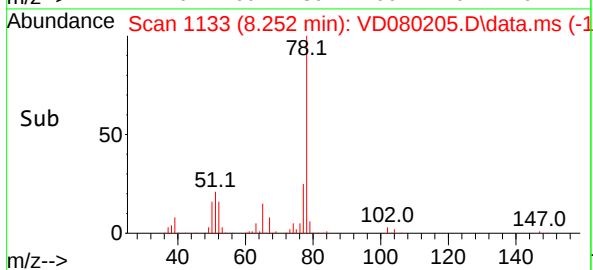
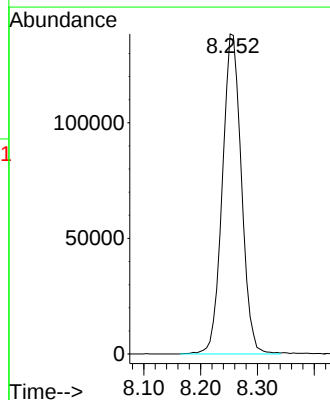
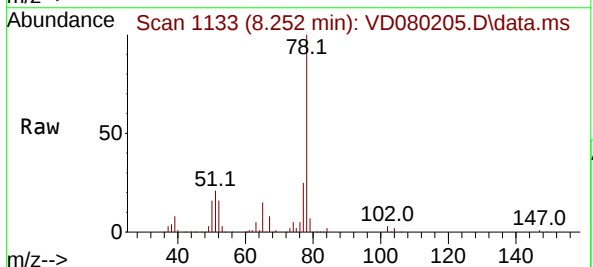


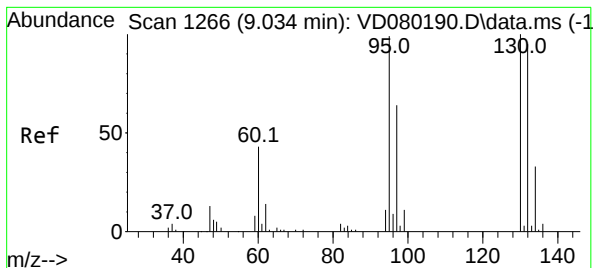
Tgt Ion:117 Resp: 112846
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.8



#33
Benzene
Concen: 22.704 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD080205.D
Acq: 10 Jan 2025 11:37

Tgt Ion: 78 Resp: 323053





#34

Trichloroethene

Concen: 22.266 ug/L

RT: 9.034 min Scan# 1266

Delta R.T. 0.000 min

Lab File: VD080205.D

Acq: 10 Jan 2025 11:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 82053

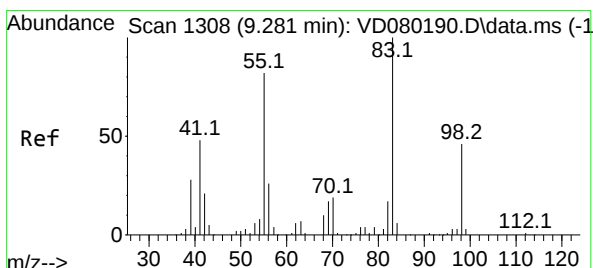
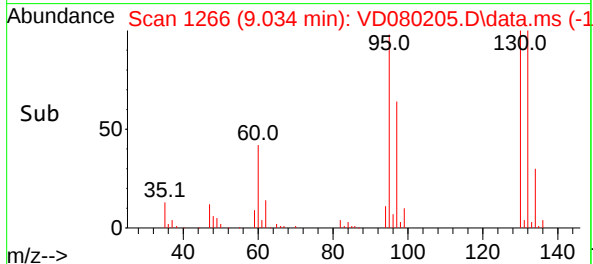
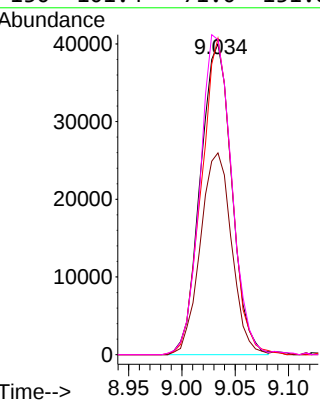
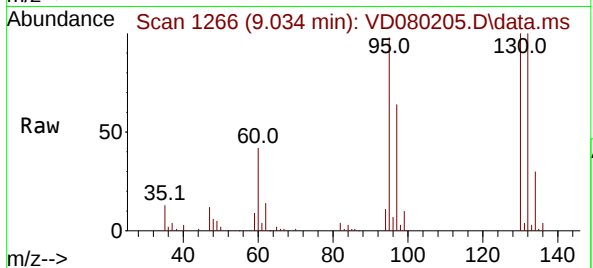
Ion Ratio Lower Upper

95 100

97 64.9 45.6 84.6

132 101.7 67.2 124.8

130 101.4 71.0 131.8



#35

Methylcyclohexane

Concen: 23.694 ug/L

RT: 9.281 min Scan# 1308

Delta R.T. 0.000 min

Lab File: VD080205.D

Acq: 10 Jan 2025 11:37

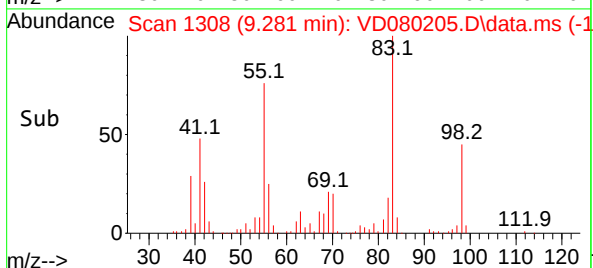
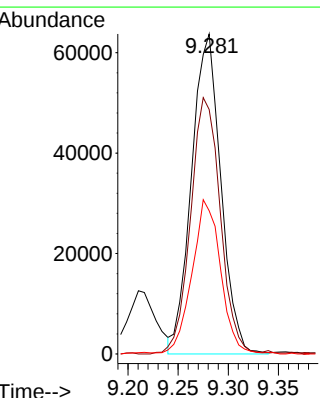
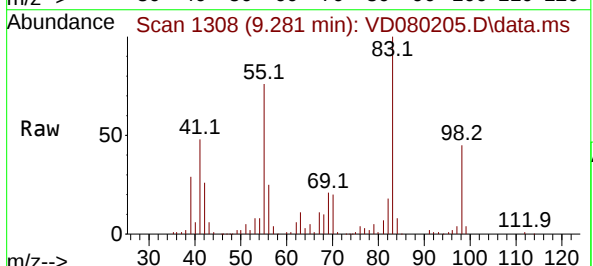
Tgt Ion: 83 Resp: 129841

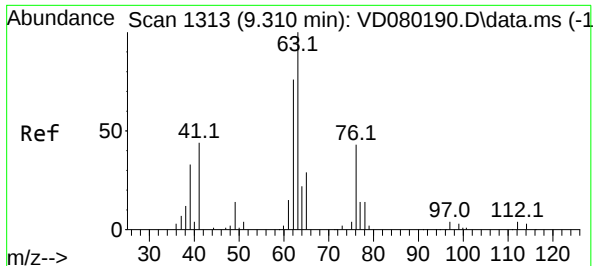
Ion Ratio Lower Upper

83 100

55 81.1 65.6 98.4

98 47.0 37.7 56.5





#37

1,2-Dichloropropane

Concen: 22.504 ug/L

RT: 9.310 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD080205.D

Acq: 10 Jan 2025 11:37

Instrument :

MSVOA_D

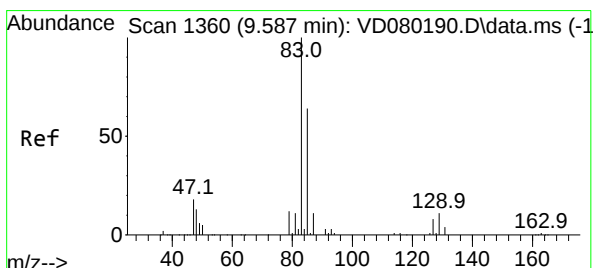
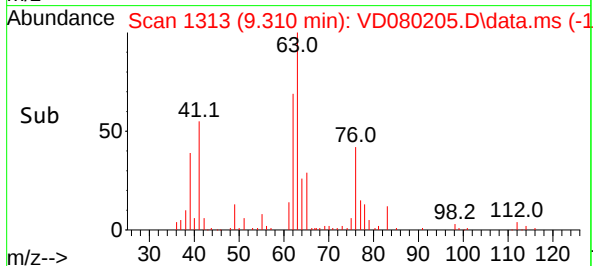
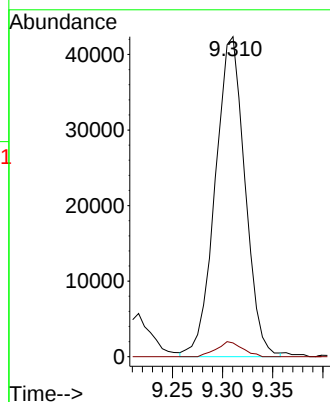
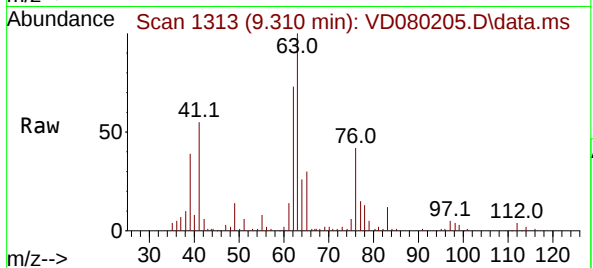
ClientSampleId :

Tgt Ion: 63 Resp: 87241

Ion Ratio Lower Upper

63 100

112 4.1 3.6 5.4



#38

Bromodichloromethane

Concen: 23.092 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD080205.D

Acq: 10 Jan 2025 11:37

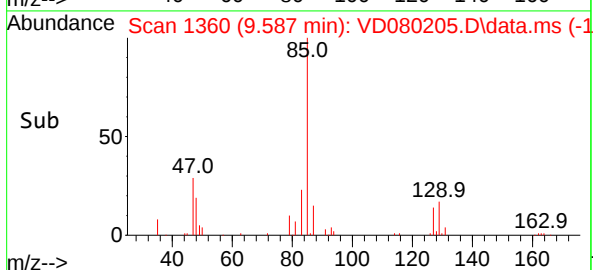
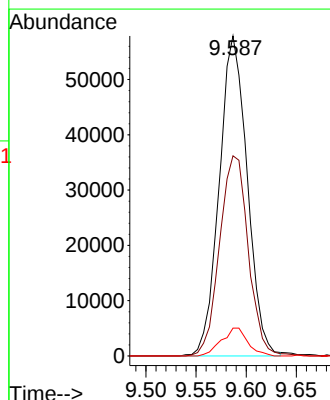
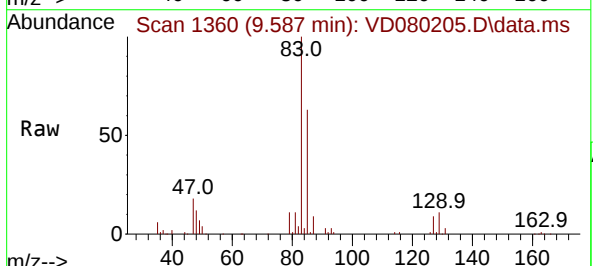
Tgt Ion: 83 Resp: 112233

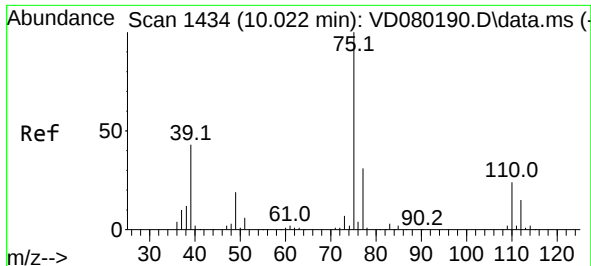
Ion Ratio Lower Upper

83 100

85 62.5 44.6 82.8

127 8.7 6.7 10.1

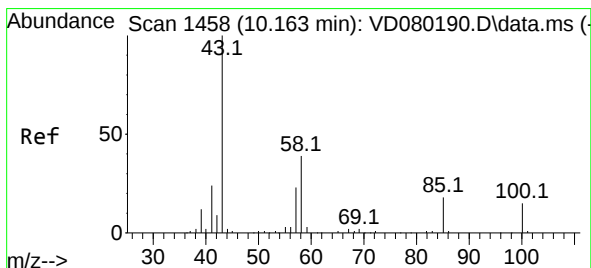
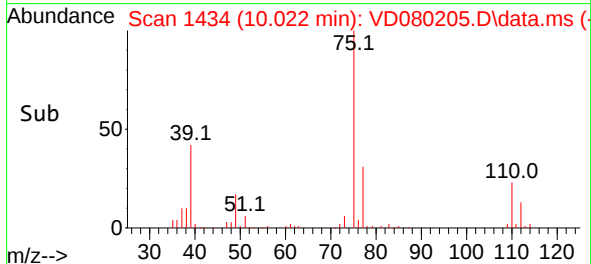
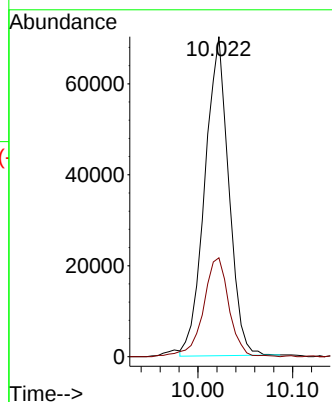
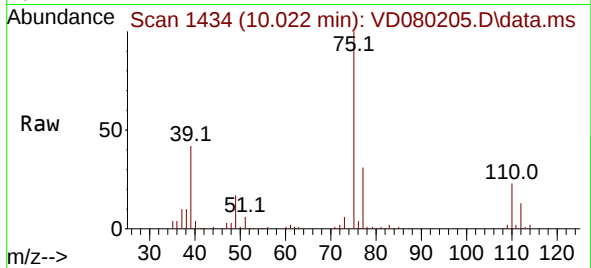




#39
 cis-1,3-Dichloropropene
 Concen: 22.521 ug/L
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.000 min
 Lab File: VD080205.D
 Acq: 10 Jan 2025 11:37

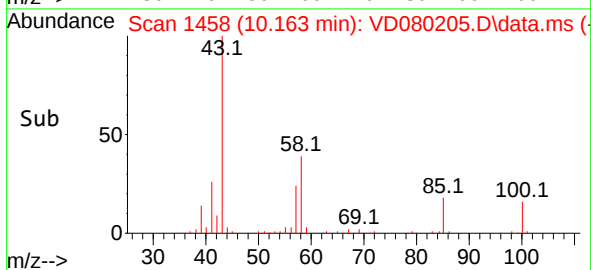
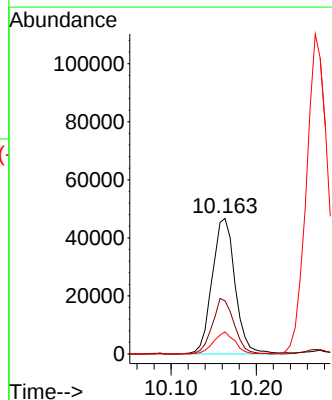
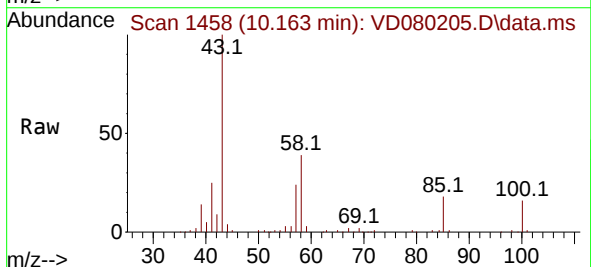
Instrument :
 MSVOA_D
 ClientSampleId :

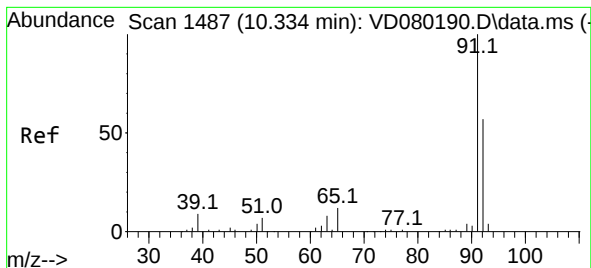
Tgt Ion: 75 Resp: 123399
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 45.983 ug/L
 RT: 10.163 min Scan# 1458
 Delta R.T. 0.000 min
 Lab File: VD080205.D
 Acq: 10 Jan 2025 11:37

Tgt Ion: 43 Resp: 87507
 Ion Ratio Lower Upper
 43 100
 58 38.8 31.0 46.6
 100 15.1 12.1 18.1





#42

Toluene

Concen: 24.104 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD080205.D

Acq: 10 Jan 2025 11:37

Instrument :

MSVOA_D

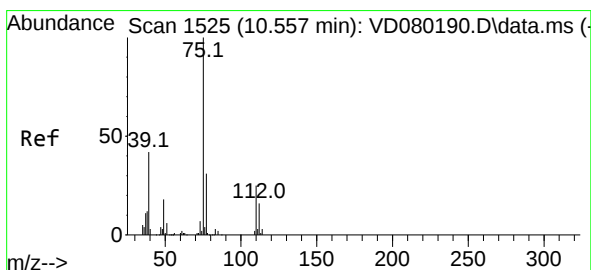
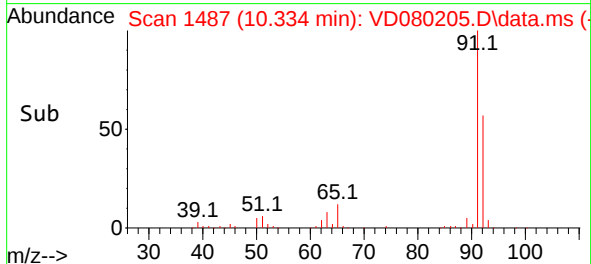
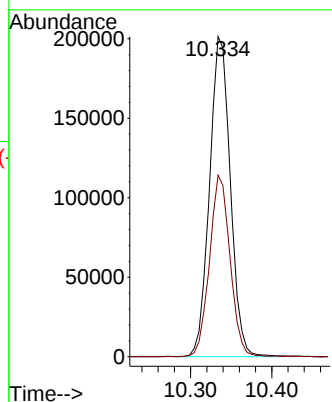
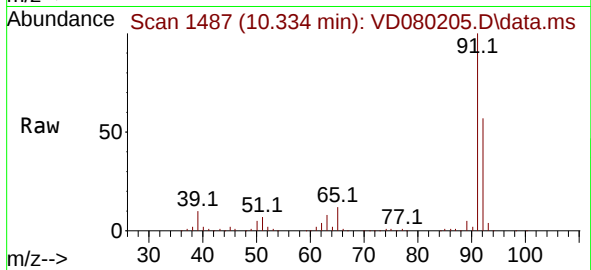
ClientSampleId :

Tgt Ion: 91 Resp: 358351

Ion Ratio Lower Upper

91 100

92 56.7 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 23.681 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD080205.D

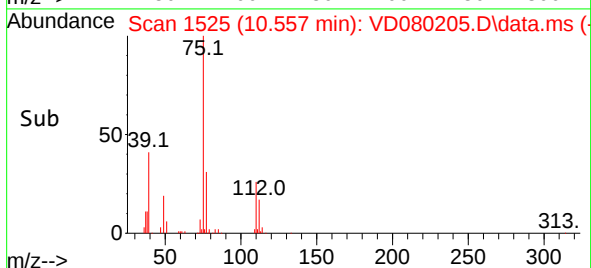
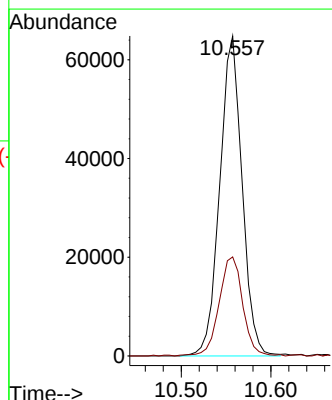
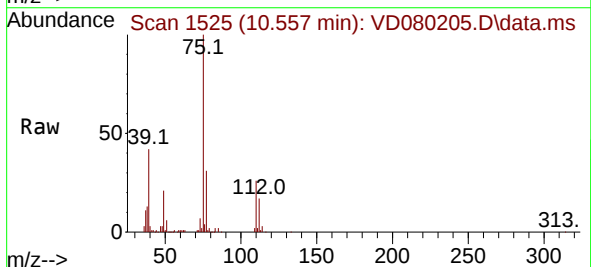
Acq: 10 Jan 2025 11:37

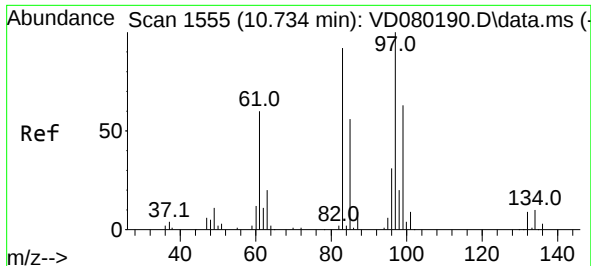
Tgt Ion: 75 Resp: 112057

Ion Ratio Lower Upper

75 100

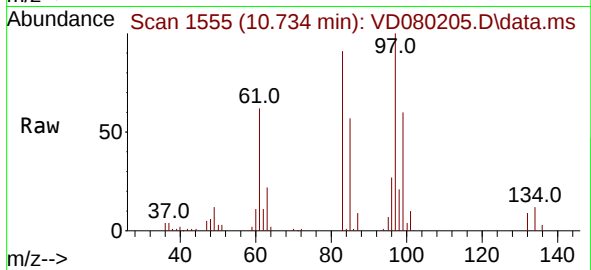
77 30.9 22.0 40.8



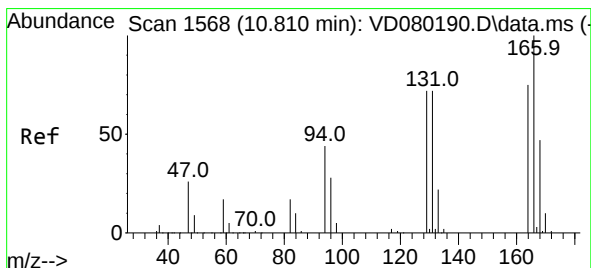
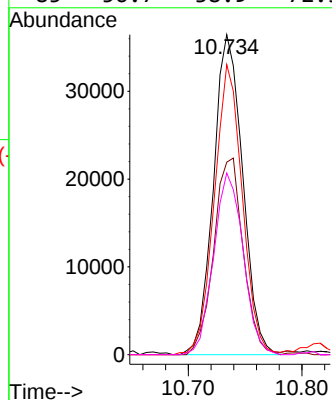
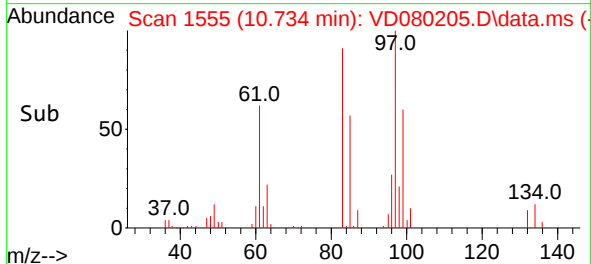


#45
1,1,2-Trichloroethane
Concen: 23.019 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080205.D
Acq: 10 Jan 2025 11:37

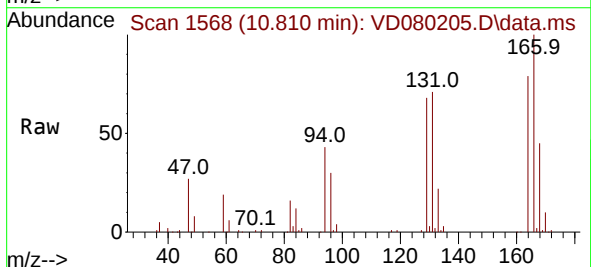
Instrument :
MSVOA_D
ClientSampleId :



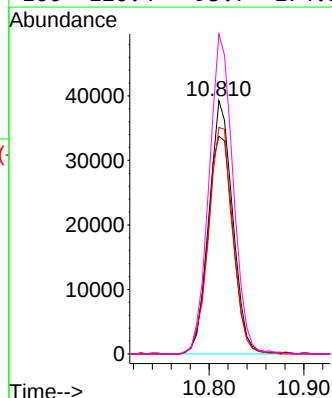
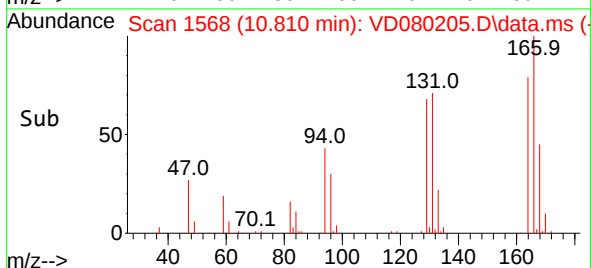
Tgt Ion: 97	Resp: 65157
Ion Ratio	Lower Upper
97 100	
99 60.2	44.0 81.8
83 90.7	64.4 119.6
85 56.7	38.9 72.3

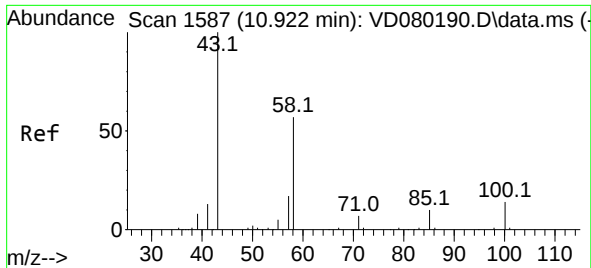


#46
Tetrachloroethene
Concen: 23.005 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD080205.D
Acq: 10 Jan 2025 11:37



Tgt Ion:164	Resp: 68310		
Ion	Ratio	Lower	Upper
164	100		
129	86.0	67.8	125.8
131	89.4	67.6	125.6
166	126.4	93.7	174.1

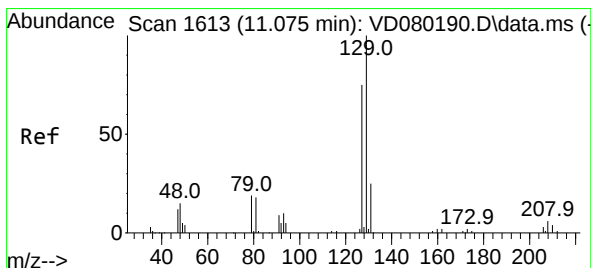
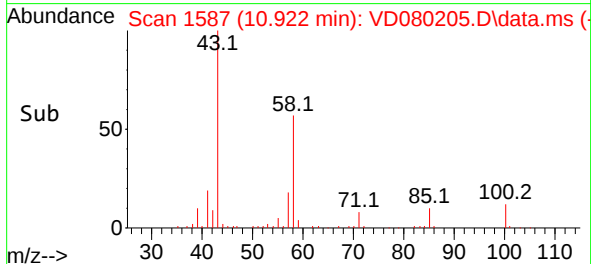
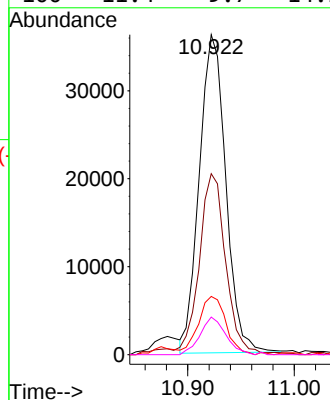
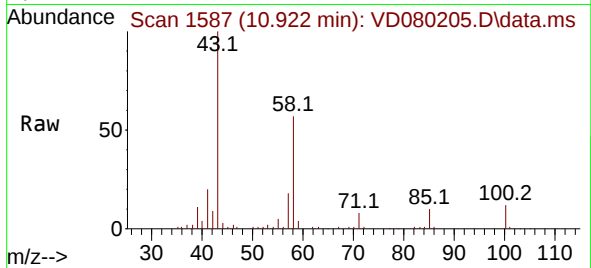




#48
2-Hexanone
Concen: 48.276 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD080205.D
Acq: 10 Jan 2025 11:37

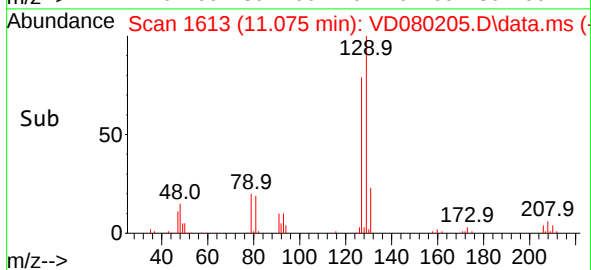
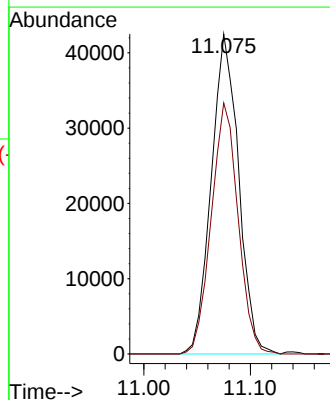
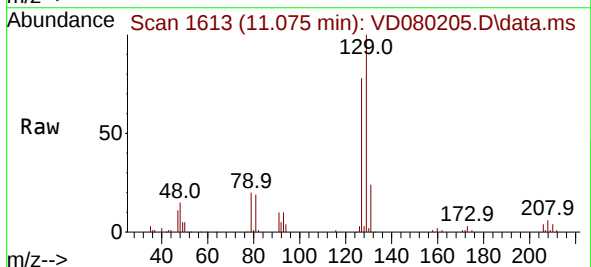
Instrument :
MSVOA_D
ClientSampleId :

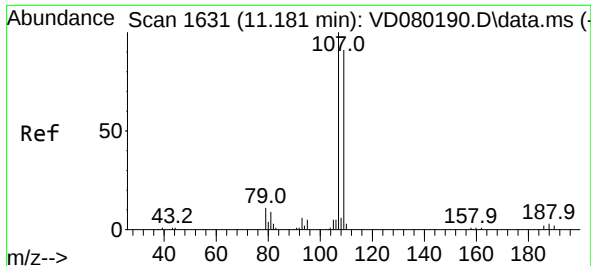
Tgt Ion:	43	Resp:	62640
Ion	Ratio	Lower	Upper
43	100		
58	56.4	42.5	63.7
57	18.9	15.5	23.3
100	11.4	9.7	14.5



#49
Dibromochloromethane
Concen: 24.020 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD080205.D
Acq: 10 Jan 2025 11:37

Tgt Ion:	129	Resp:	75717
Ion	Ratio	Lower	Upper
129	100		
127	78.5	52.3	97.1

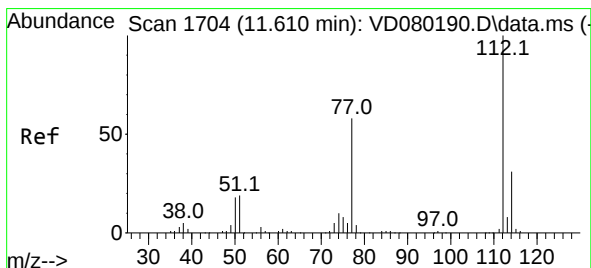
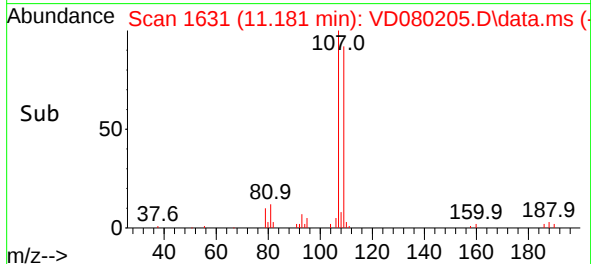
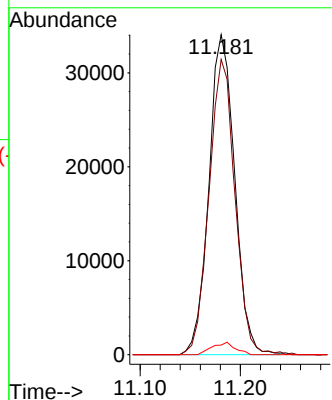
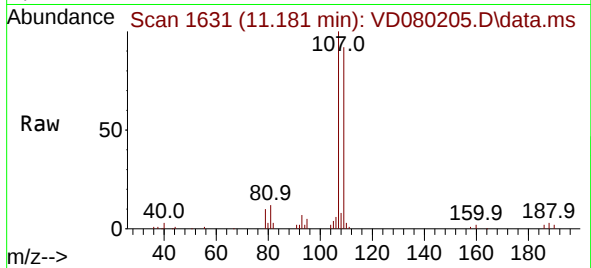




#50
1,2-Dibromoethane
Concen: 23.623 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD080205.D
Acq: 10 Jan 2025 11:37

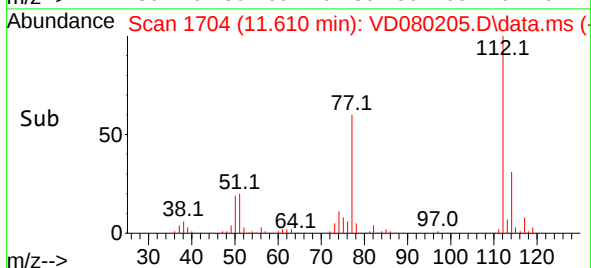
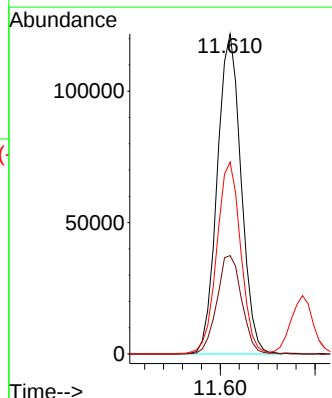
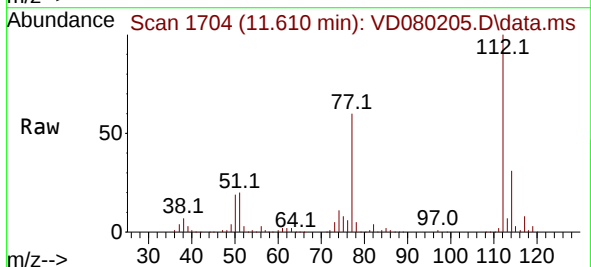
Instrument :
MSVOA_D
ClientSampleId :

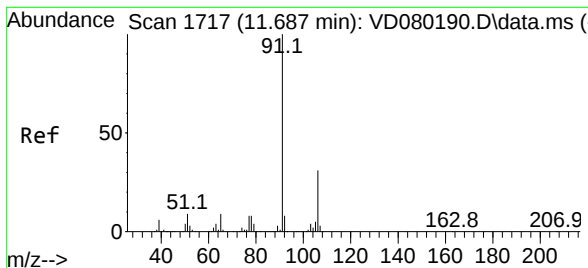
Tgt Ion:107 Resp: 60768
Ion Ratio Lower Upper
107 100
109 92.3 63.8 118.6
188 3.0 2.8 4.2



#51
Chlorobenzene
Concen: 22.368 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD080205.D
Acq: 10 Jan 2025 11:37

Tgt Ion:112 Resp: 213180
Ion Ratio Lower Upper
112 100
114 30.7 21.8 40.6
77 60.0 46.8 70.2





#52

Ethylbenzene

Concen: 23.923 ug/L

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD080205.D

Acq: 10 Jan 2025 11:37

Instrument :

MSVOA_D

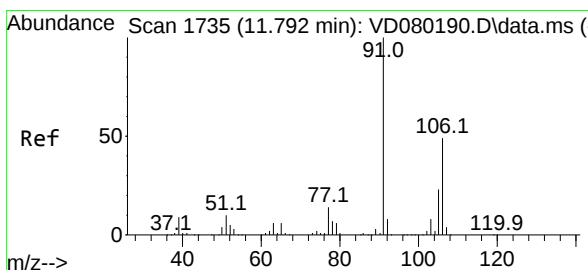
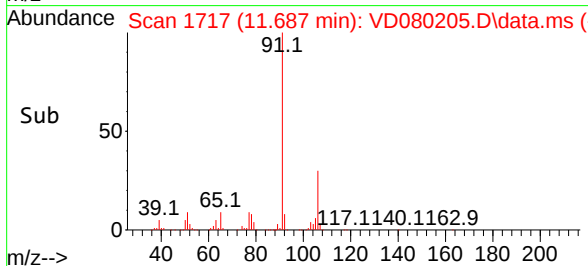
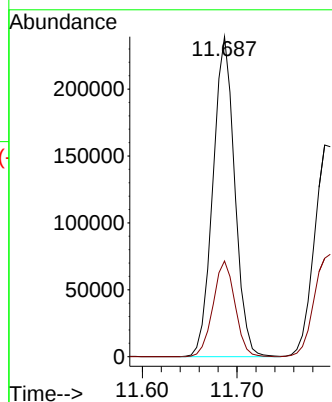
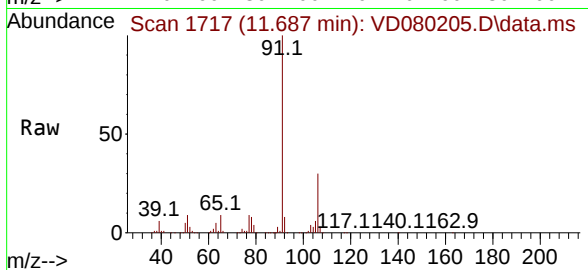
ClientSampleId :

Tgt Ion: 91 Resp: 381622

Ion Ratio Lower Upper

91 100

106 29.9 21.8 40.6



#53

m,p-Xylene

Concen: 24.607 ug/L

RT: 11.798 min Scan# 1736

Delta R.T. 0.006 min

Lab File: VD080205.D

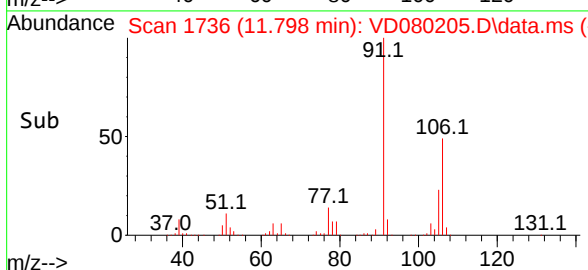
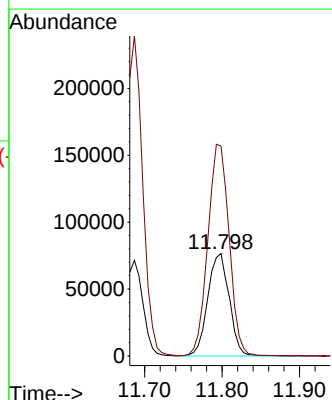
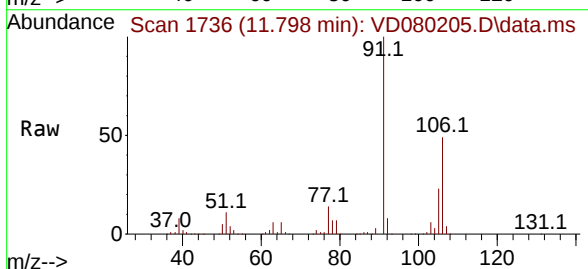
Acq: 10 Jan 2025 11:37

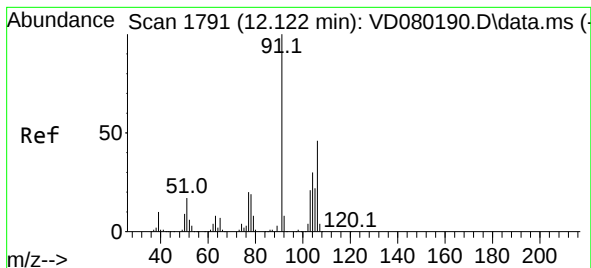
Tgt Ion: 106 Resp: 146699

Ion Ratio Lower Upper

106 100

91 205.0 144.1 267.7





#54

o-Xylene

Concen: 24.255 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD080205.D

Acq: 10 Jan 2025 11:37

Instrument :

MSVOA_D

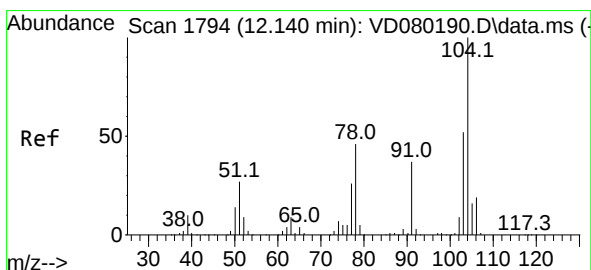
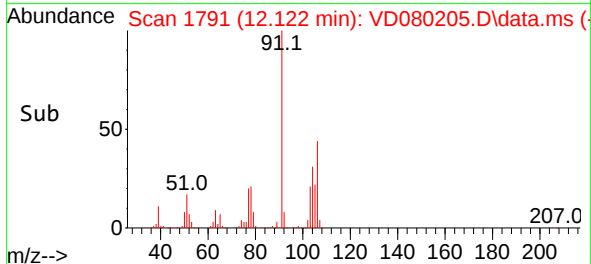
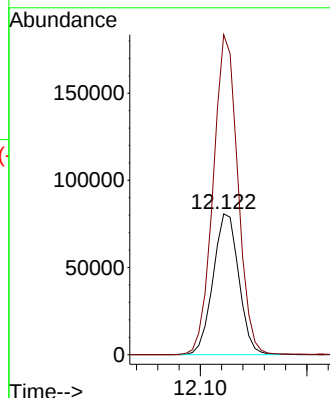
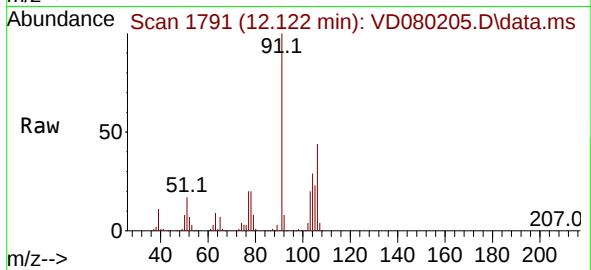
ClientSampleId :

Tgt Ion:106 Resp: 135274

Ion Ratio Lower Upper

106 100

91 227.1 153.8 285.6



#55

Styrene

Concen: 24.539 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD080205.D

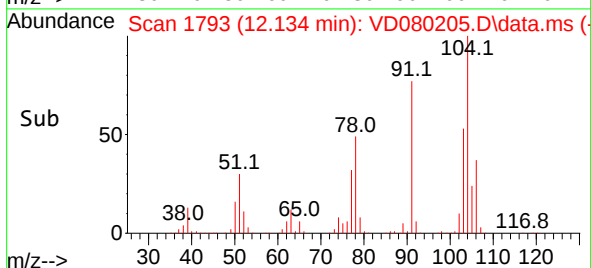
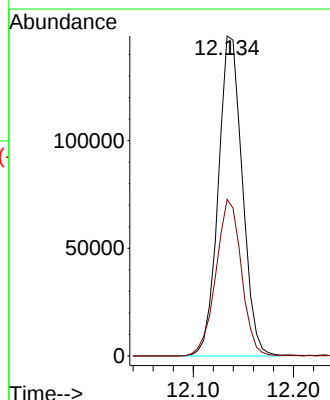
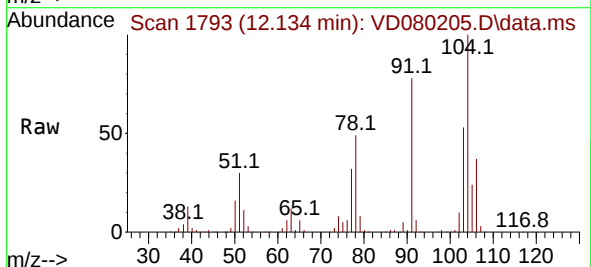
Acq: 10 Jan 2025 11:37

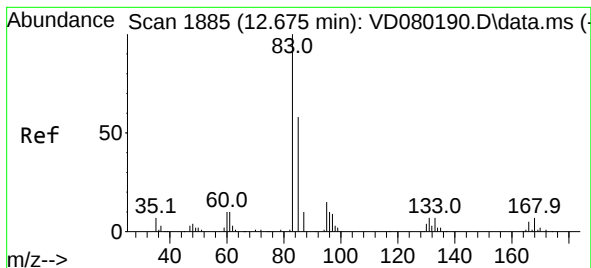
Tgt Ion:104 Resp: 247872

Ion Ratio Lower Upper

104 100

78 48.9 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 24.562 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD080205.D

Acq: 10 Jan 2025 11:37

Instrument :

MSVOA_D

ClientSampleId :

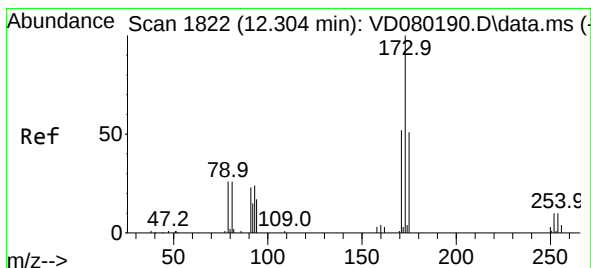
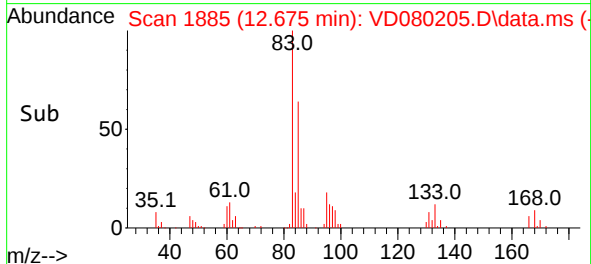
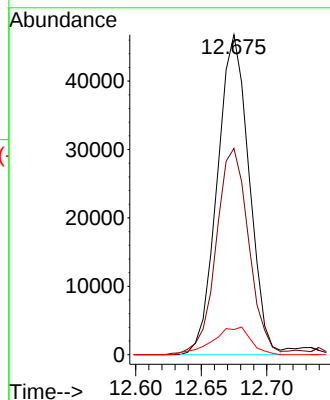
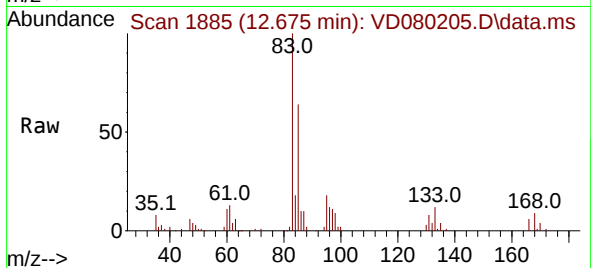
Tgt Ion: 83 Resp: 78814

Ion Ratio Lower Upper

83 100

85 64.4 40.7 75.5

131 7.9 6.2 9.2



#59

Bromoform

Concen: 24.001 ug/L

RT: 12.304 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VD080205.D

Acq: 10 Jan 2025 11:37

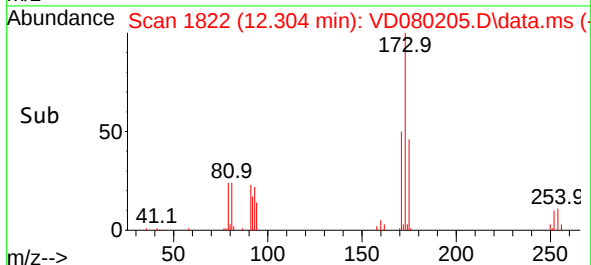
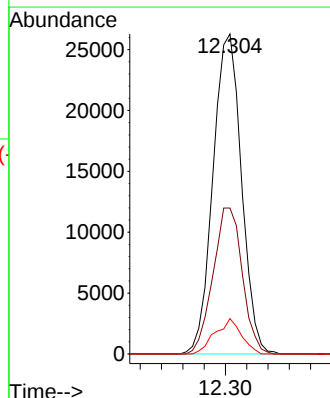
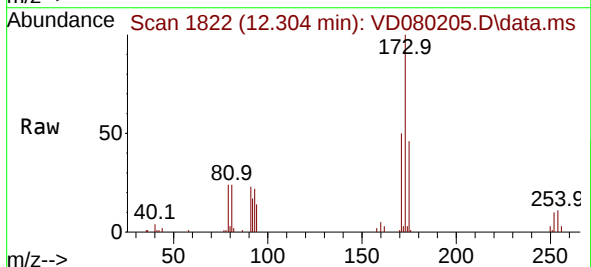
Tgt Ion: 173 Resp: 48710

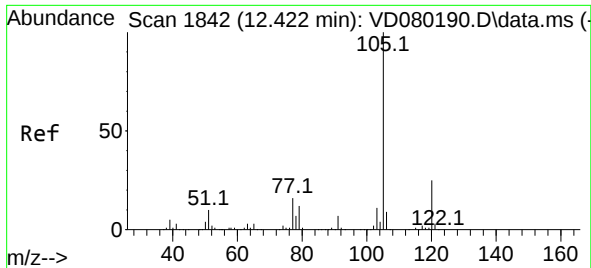
Ion Ratio Lower Upper

173 100

175 46.9 38.2 57.4

254 10.2 8.3 12.5

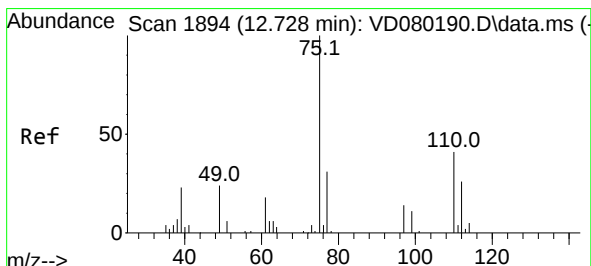
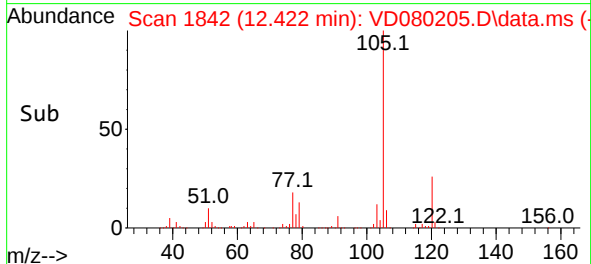
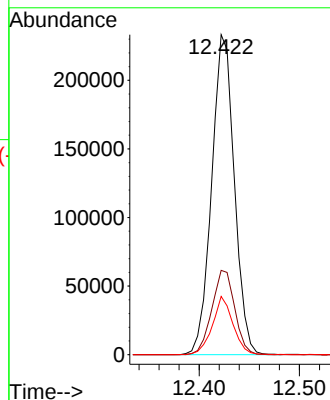
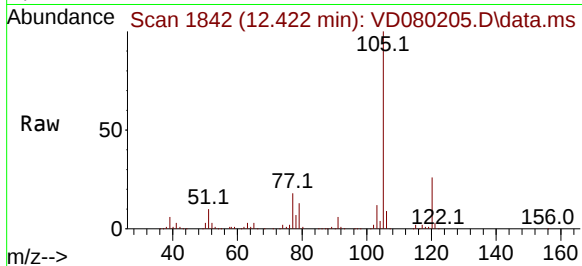




#60
Isopropylbenzene
Concen: 23.225 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD080205.D
Acq: 10 Jan 2025 11:37

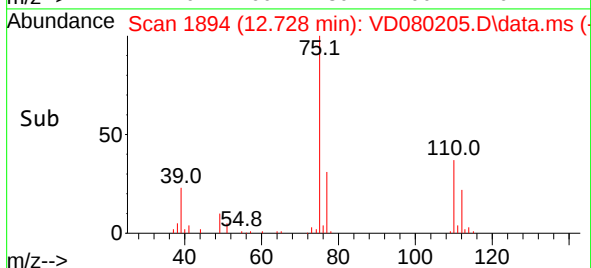
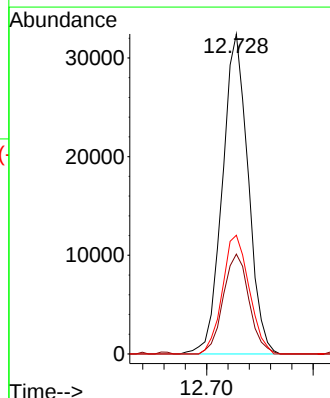
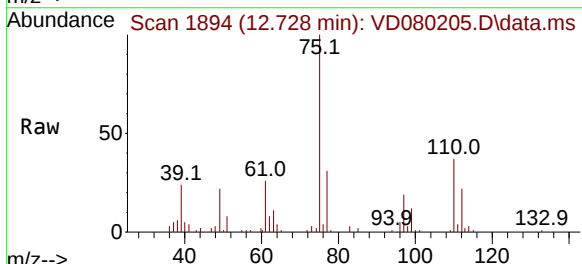
Instrument :
MSVOA_D
ClientSampleId :

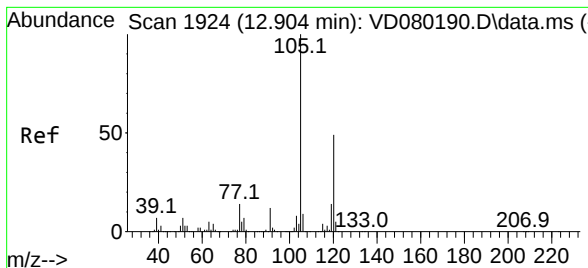
Tgt Ion:105 Resp: 366377
Ion Ratio Lower Upper
105 100
120 26.6 20.6 30.8
77 16.5 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 22.717 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD080205.D
Acq: 10 Jan 2025 11:37

Tgt Ion: 75 Resp: 54335
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5
110 38.6 31.5 47.3

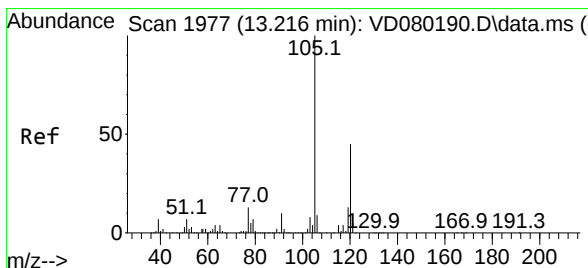
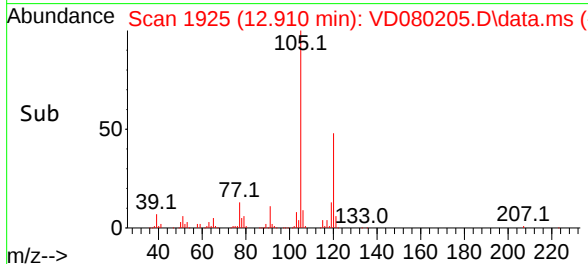
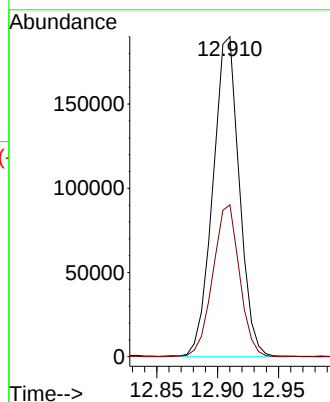
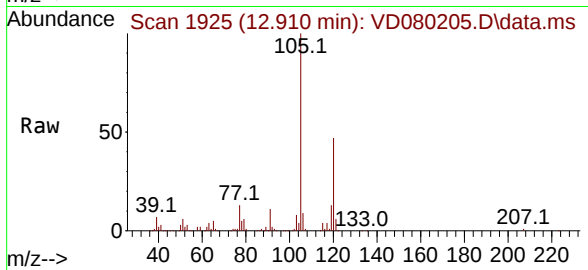




#62
1,3,5-Trimethylbenzene
Concen: 22.888 ug/L
RT: 12.910 min Scan# 1925
Delta R.T. 0.006 min
Lab File: VD080205.D
Acq: 10 Jan 2025 11:37

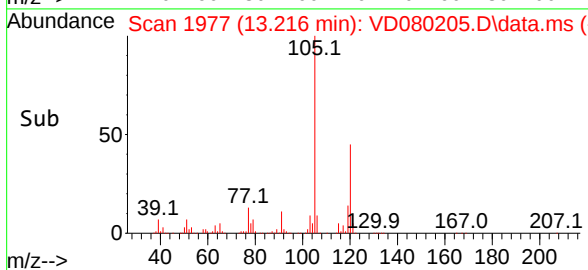
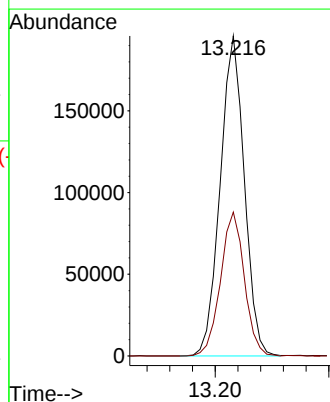
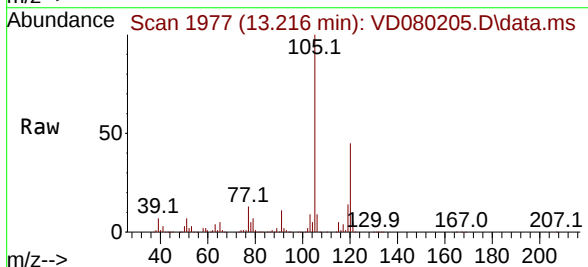
Instrument :
MSVOA_D
ClientSampleId :

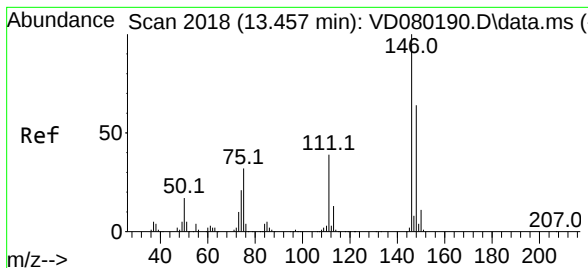
Tgt Ion:105 Resp: 287734
Ion Ratio Lower Upper
105 100
120 47.8 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 23.566 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD080205.D
Acq: 10 Jan 2025 11:37

Tgt Ion:105 Resp: 288998
Ion Ratio Lower Upper
105 100
120 44.3 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 22.344 ug/L

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD080205.D

Acq: 10 Jan 2025 11:37

Instrument :

MSVOA_D

ClientSampleId :

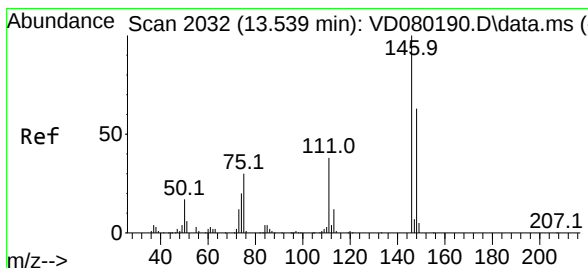
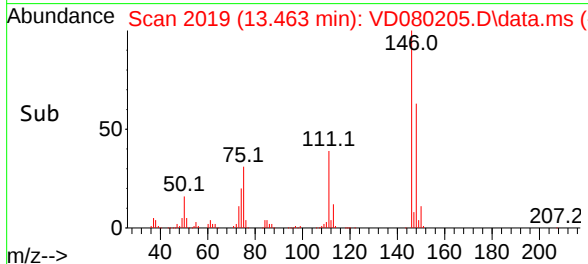
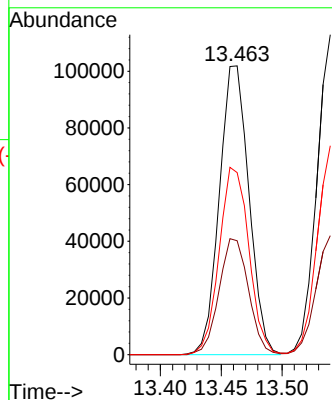
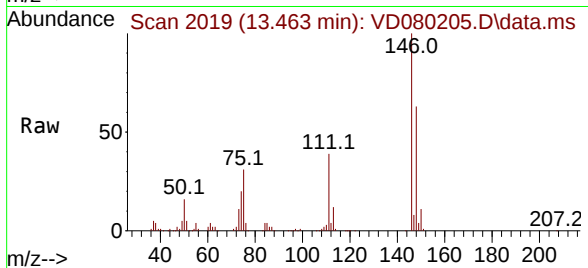
Tgt Ion:146 Resp: 172413

Ion Ratio Lower Upper

146 100

111 39.4 27.2 50.6

148 63.1 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 22.685 ug/L

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD080205.D

Acq: 10 Jan 2025 11:37

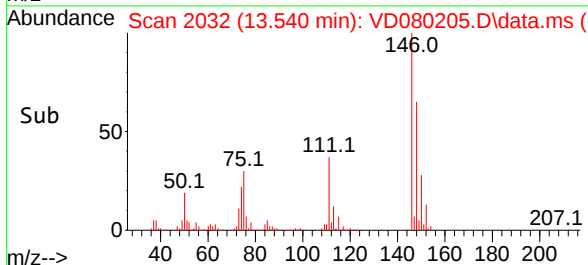
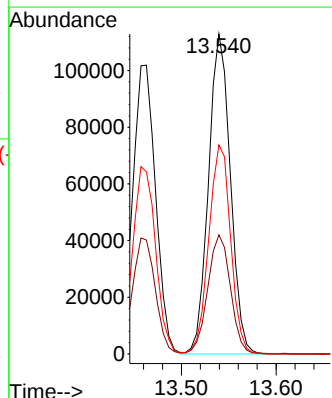
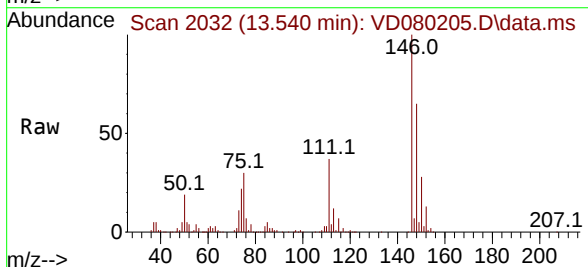
Tgt Ion:146 Resp: 180746

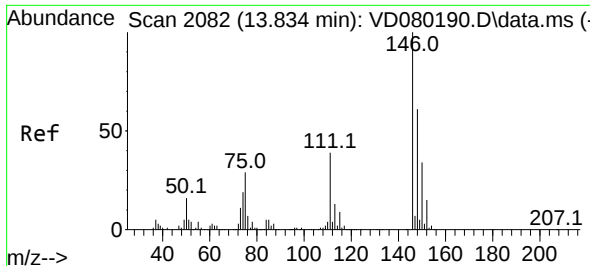
Ion Ratio Lower Upper

146 100

111 37.2 26.7 49.7

148 65.3 44.1 81.9

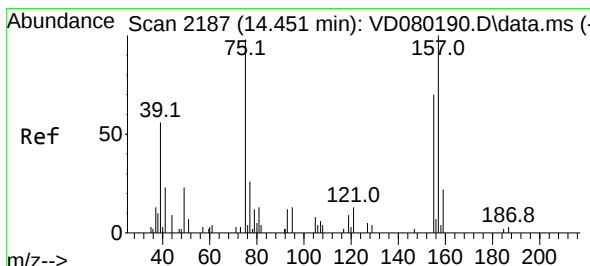
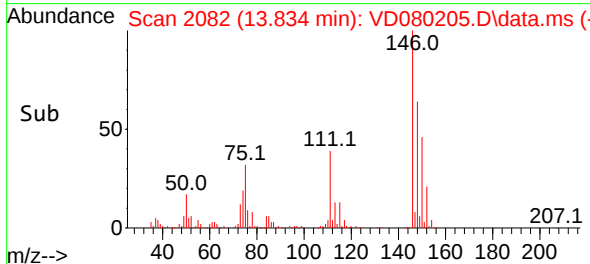
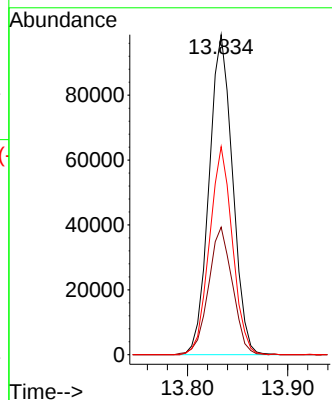
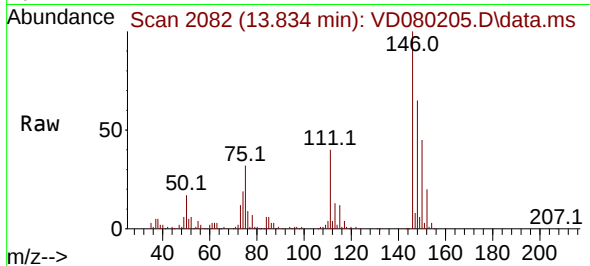




#67
1,2-Dichlorobenzene
Concen: 23.251 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD080205.D
Acq: 10 Jan 2025 11:37

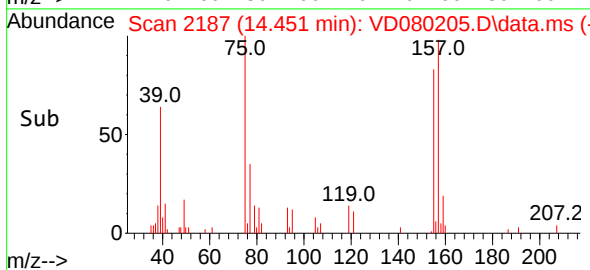
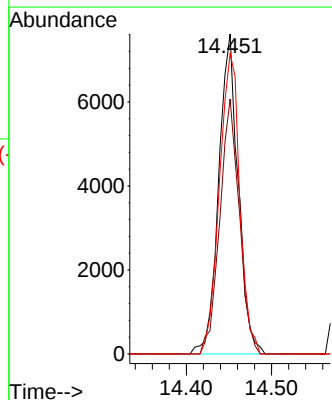
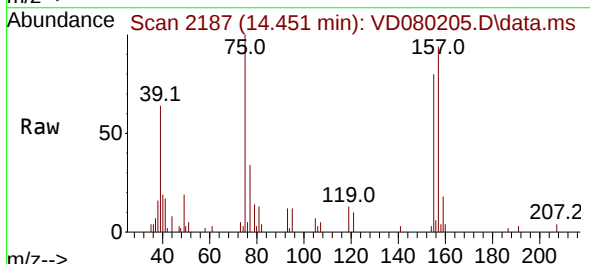
Instrument :
MSVOA_D
ClientSampleId :

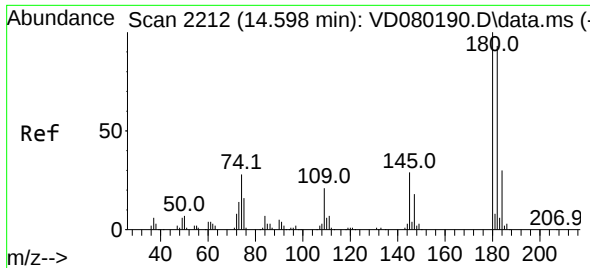
Tgt Ion:146 Resp: 160705
Ion Ratio Lower Upper
146 100
111 39.8 31.4 47.0
148 65.0 48.8 73.2



#68
1,2-Dibromo-3-chloropropane
Concen: 23.202 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD080205.D
Acq: 10 Jan 2025 11:37

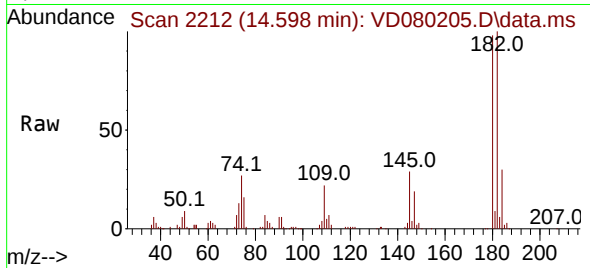
Tgt Ion: 75 Resp: 12067
Ion Ratio Lower Upper
75 100
155 79.7 57.3 85.9
157 93.9 82.0 123.0



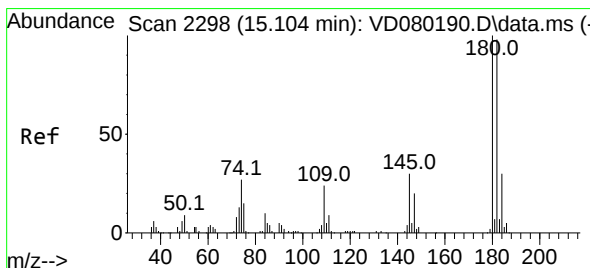
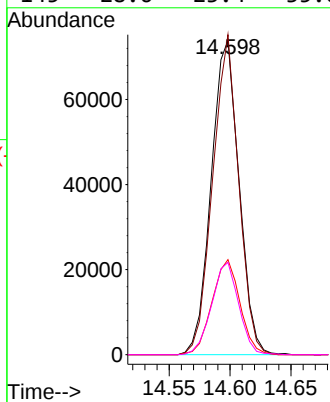
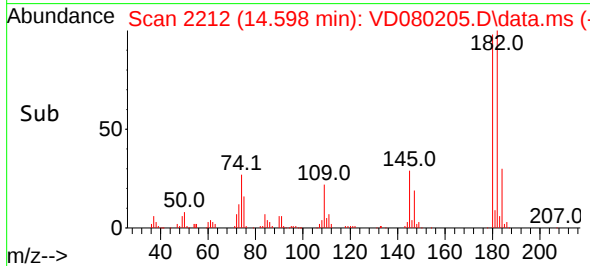


#69
 1,3,5-Trichlorobenzene
 Concen: 22.407 ug/L
 RT: 14.598 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080205.D
 Acq: 10 Jan 2025 11:37

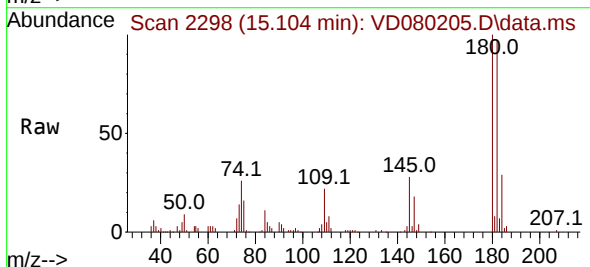
Instrument :
 MSVOA_D
 ClientSampleId :



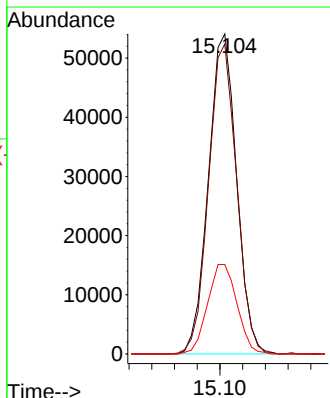
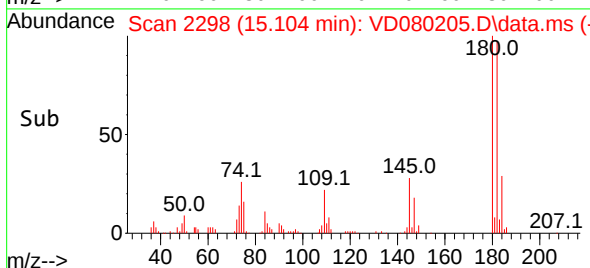
Tgt Ion:180 Resp: 117575
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.4 113.0
 184 30.3 24.0 36.0
 145 28.6 23.4 35.0

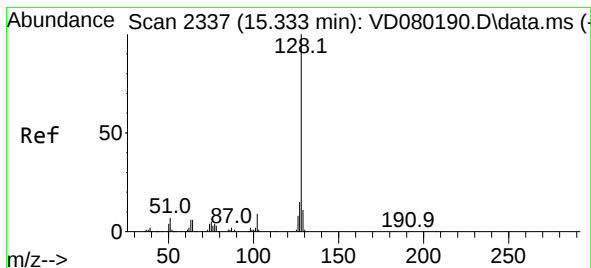


#70
 1,2,4-trichlorobenzene
 Concen: 21.746 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD080205.D
 Acq: 10 Jan 2025 11:37



Tgt Ion:180 Resp: 93113
 Ion Ratio Lower Upper
 180 100
 182 96.5 76.9 115.3
 145 29.2 23.5 35.3





#71

Naphthalene

Concen: 22.044 ug/L

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD080205.D

Acq: 10 Jan 2025 11:37

Instrument :

MSVOA_D

ClientSampleId :

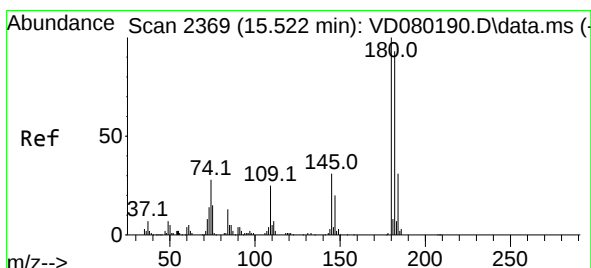
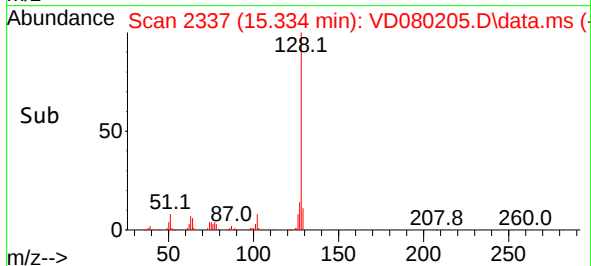
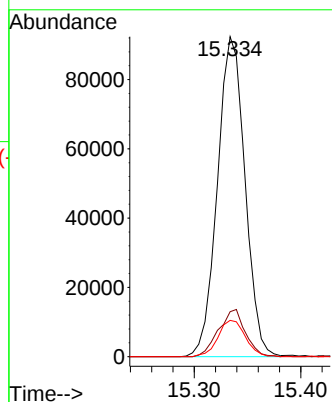
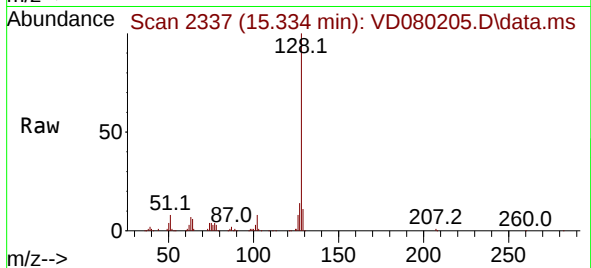
Tgt Ion:128 Resp: 166076

Ion Ratio Lower Upper

128 100

127 14.4 11.5 17.3

129 11.3 9.0 13.6



#72

1,2,3-Trichlorobenzene

Concen: 23.053 ug/L

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD080205.D

Acq: 10 Jan 2025 11:37

Tgt Ion:180 Resp: 91680

Ion Ratio Lower Upper

180 100

182 93.4 74.8 112.2

145 30.1 24.2 36.4

