

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010925\
 Data File : VD080202.D
 Acq On : 09 Jan 2025 19:15
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 10 00:10:57 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	224953	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	223927	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	119987	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	164562	24.943	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.760%
7) Chloroethane-d5	2.805	69	139965	26.105	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.440%
11) 1,1-Dichloroethene-d2	3.922	65	38082	23.920	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.680%
21) 2-Butanone-d5	6.993	46	38684	50.686	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.380%
24) Chloroform-d	7.575	84	183183	25.950	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	8.234	65	98456	26.627	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.520%
32) Benzene-d6	8.204	84	361059	24.976	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.920%
36) 1,2-Dichloropropane-d6	9.210	67	116358	24.319	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.280%
41) Toluene-d8	10.269	98	341098	25.890	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.560%
43) trans-1,3-Dichloroprop...	10.528	79	49717	25.432	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.720%
47) 2-Hexanone-d5	10.875	63	32587	54.649	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.300%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	99137	27.651	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	13.816	152	112874	25.025	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	87611	19.623	ug/L	99
3) Chloromethane	2.152	50	132356	21.746	ug/L	98
5) Vinyl chloride	2.287	62	159410	21.345	ug/L	94
6) Bromomethane	2.699	94	88059	20.246	ug/L	95
8) Chloroethane	2.840	64	100858	22.016	ug/L	98
9) Trichlorofluoromethane	3.175	101	134502	21.675	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	79297	22.397	ug/L	99
12) 1,1-Dichloroethene	3.946	96	66761	21.125	ug/L	87
13) Acetone	4.034	43	24206	40.095	ug/L	82
14) Carbon disulfide	4.281	76	260398	22.108	ug/L	99
15) Methyl Acetate	4.563	43	34421	22.783	ug/L	98
16) Methylene chloride	4.811	84	85447	22.375	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	77471	22.535	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	155387	23.721	ug/L #	91
19) 1,1-Dichloroethane	6.116	63	147463	22.218	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	84066	23.252	ug/L	94
22) 2-Butanone	7.093	43	37733	43.868	ug/L	98
23) Bromochloromethane	7.434	128	41996	24.020	ug/L	92
25) Chloroform	7.599	83	171363	23.297	ug/L	96

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

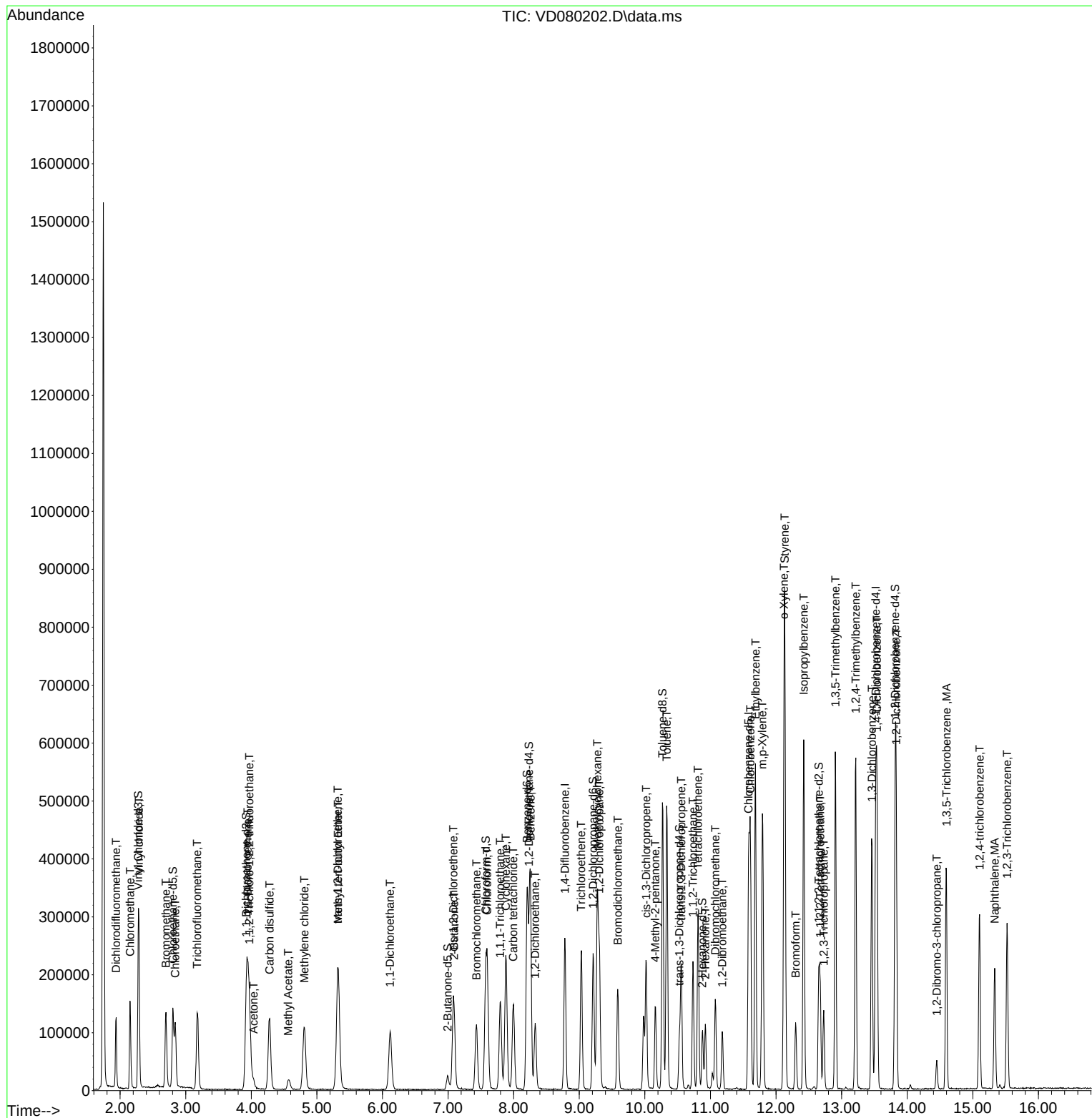
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	102770	23.950	ug/L	97
29) Cyclohexane	7.881	56	117427	20.843	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	128636	21.683	ug/L	98
31) Carbon tetrachloride	7.993	117	112707	21.525	ug/L	99
33) Benzene	8.257	78	333969	21.933	ug/L	100
34) Trichloroethene	9.028	95	86447	21.921	ug/L	97
35) Methylcyclohexane	9.275	83	129577	22.097	ug/L	99
37) 1,2-Dichloropropane	9.304	63	91852	22.141	ug/L	100
38) Bromodichloromethane	9.587	83	117787	22.646	ug/L	99
39) cis-1,3-Dichloropropene	10.022	75	134034	22.859	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	94993	46.647	ug/L	99
42) Toluene	10.334	91	372504	23.415	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	121611	24.017	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	68503	22.616	ug/L	96
46) Tetrachloroethene	10.810	164	68764	21.641	ug/L	89
48) 2-Hexanone	10.922	43	69383	49.969	ug/L	96
49) Dibromochloromethane	11.075	129	80430	23.843	ug/L	93
50) 1,2-Dibromoethane	11.181	107	64894	23.574	ug/L	98
51) Chlorobenzene	11.610	112	228522	22.407	ug/L	99
52) Ethylbenzene	11.687	91	394910	23.134	ug/L	98
53) m,p-Xylene	11.793	106	150496	23.590	ug/L	99
54) o-Xylene	12.122	106	140347	23.516	ug/L	99
55) Styrene	12.134	104	261925	24.231	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	83427	24.296	ug/L #	92
59) Bromoform	12.298	173	51246	23.803	ug/L	98
60) Isopropylbenzene	12.422	105	374280	22.366	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	56796	22.385	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	296001	22.196	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	299363	23.012	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	181744	22.202	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	192402	22.764	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	164973	22.500	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	12645	22.920	ug/L	96
69) 1,3,5-Trichlorobenzene	14.598	180	122659	22.035	ug/L	100
70) 1,2,4-trichlorobenzene	15.104	180	100332	22.089	ug/L	98
71) Naphthalene	15.334	128	179699	22.485	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	97245	23.051	ug/L	98

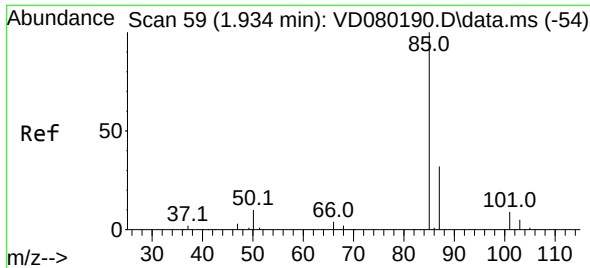
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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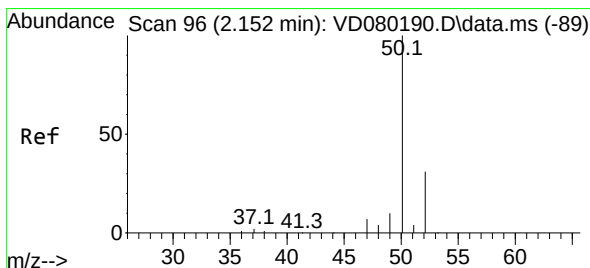
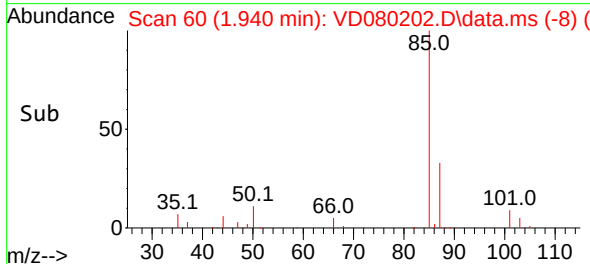
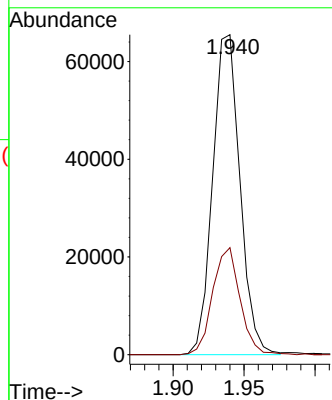
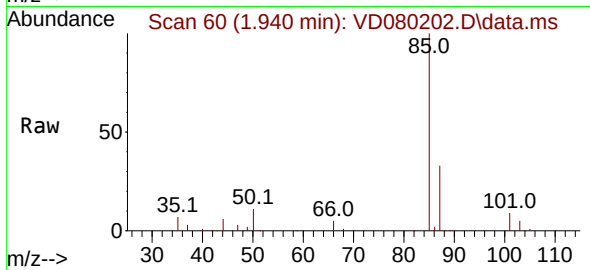




#2
Dichlorodifluoromethane
Concen: 19.623 ug/L
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

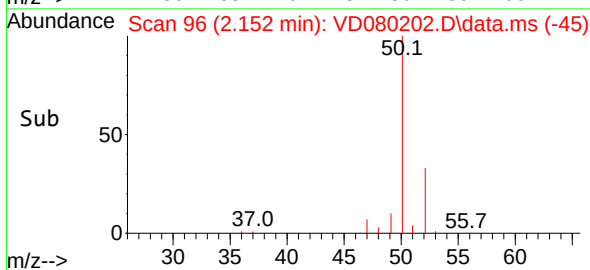
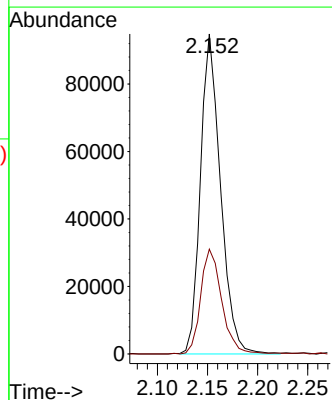
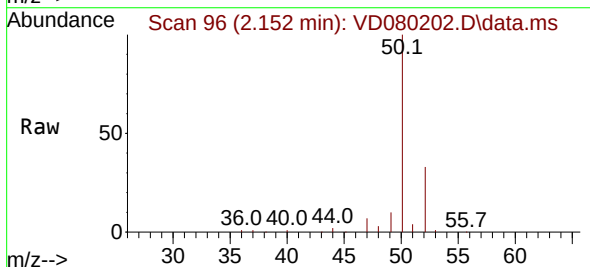
Instrument :
MSVOA_D
ClientSampleId :

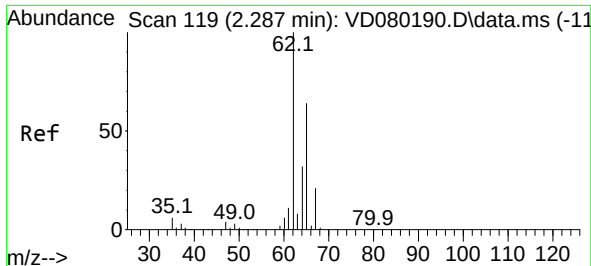
Tgt Ion: 85 Resp: 87611
Ion Ratio Lower Upper
85 100
87 33.5 26.4 39.6



#3
Chloromethane
Concen: 21.746 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

Tgt Ion: 50 Resp: 132356
Ion Ratio Lower Upper
50 100
52 32.7 22.0 40.8

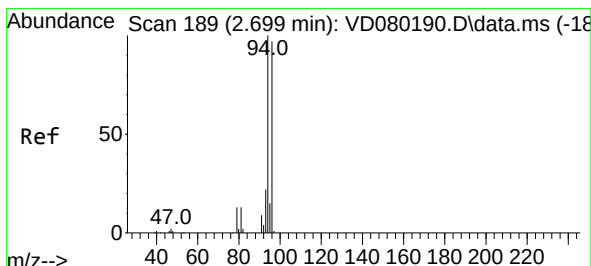
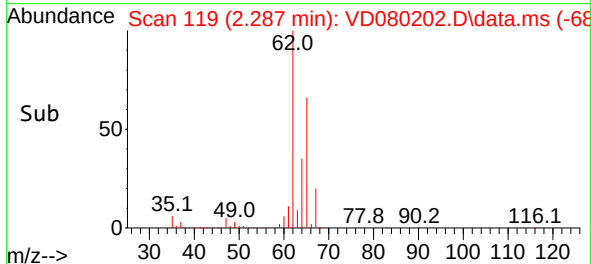
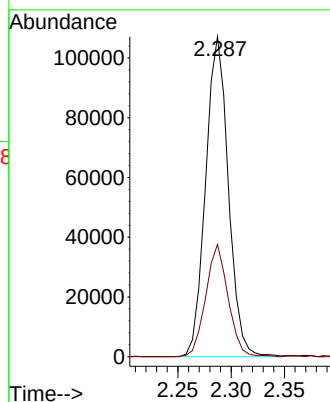
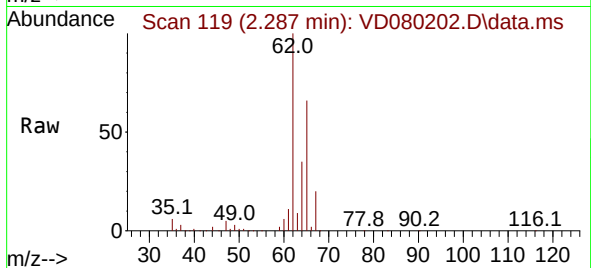




#5
 Vinyl chloride
 Concen: 21.345 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD080202.D
 Acq: 09 Jan 2025 19:15

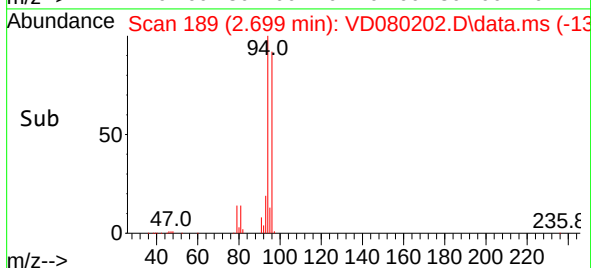
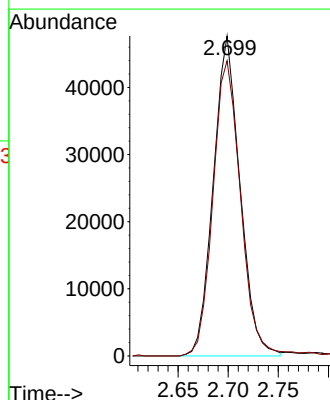
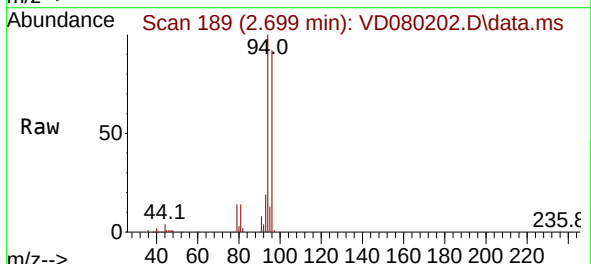
Instrument :
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 ClientSampleId :

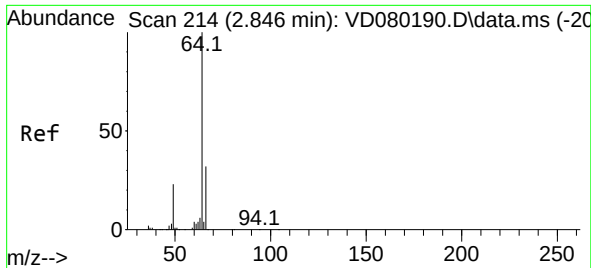
Tgt Ion: 62 Resp: 159410
 Ion Ratio Lower Upper
 62 100
 64 35.1 22.3 41.5



#6
 Bromomethane
 Concen: 20.246 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD080202.D
 Acq: 09 Jan 2025 19:15

Tgt Ion: 94 Resp: 88059
 Ion Ratio Lower Upper
 94 100
 96 92.3 67.7 125.7

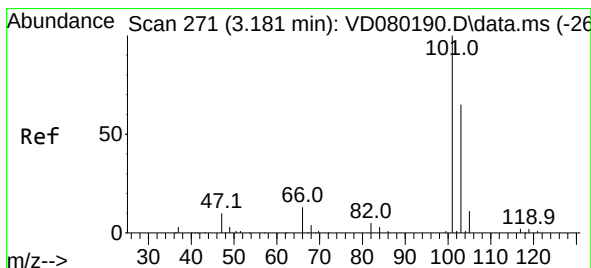
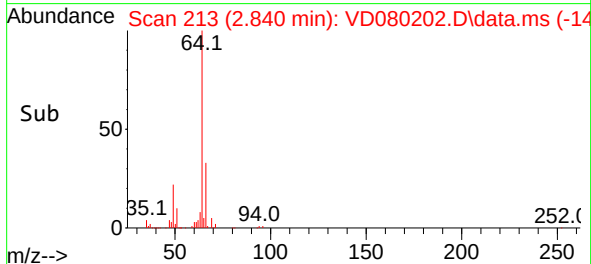
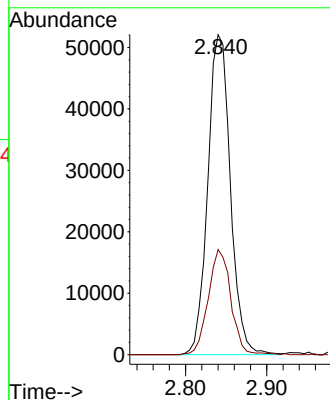
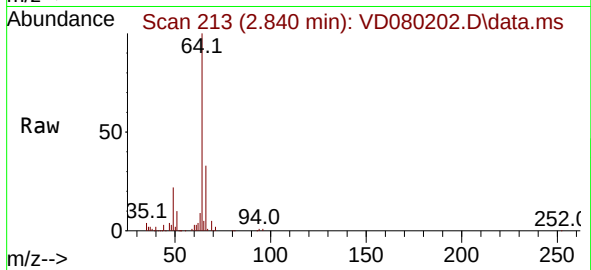




#8
Chloroethane
Concen: 22.016 ug/L
RT: 2.840 min Scan# 214
Delta R.T. -0.006 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

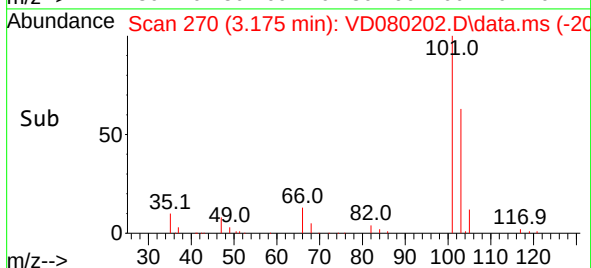
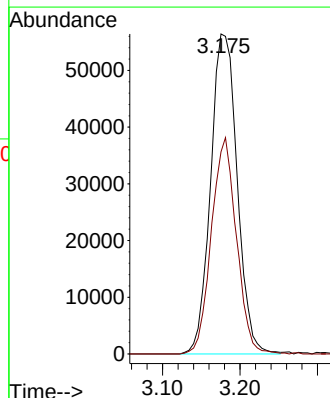
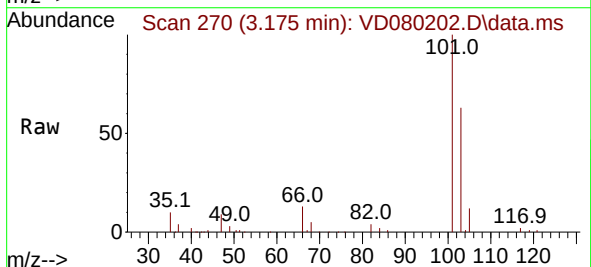
Instrument :
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ClientSampleId :

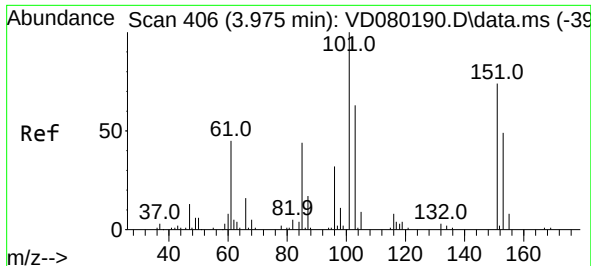
Tgt Ion: 64 Resp: 100858
Ion Ratio Lower Upper
64 100
66 32.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 21.675 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

Tgt Ion:101 Resp: 134502
Ion Ratio Lower Upper
101 100
103 63.7 52.2 78.2

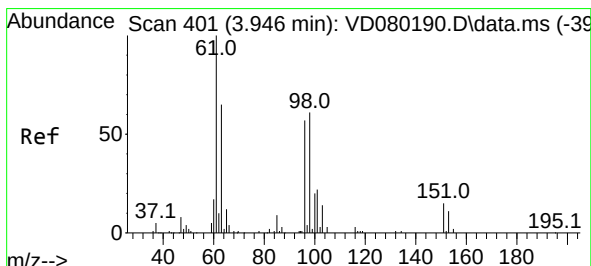
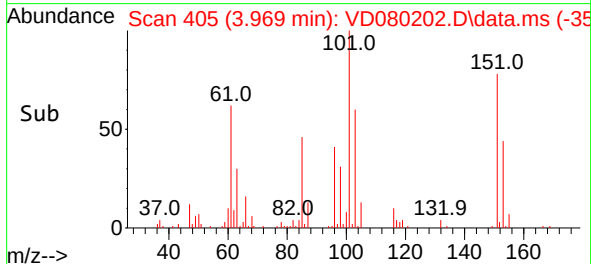
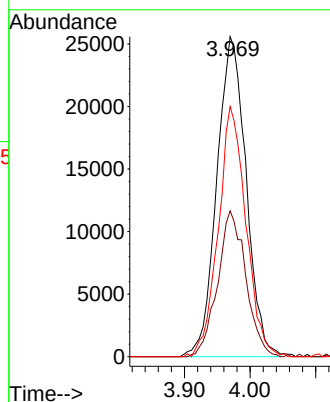
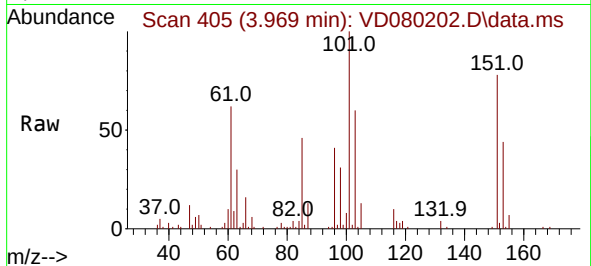




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.397 ug/L
 RT: 3.969 min Scan# 406
 Delta R.T. -0.006 min
 Lab File: VD080202.D
 Acq: 09 Jan 2025 19:15

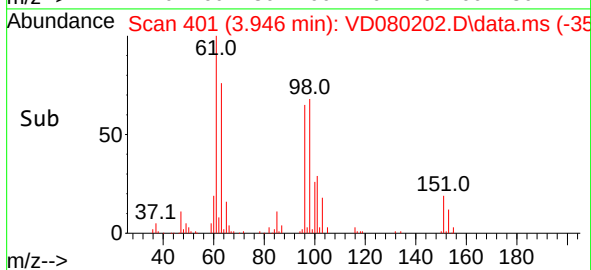
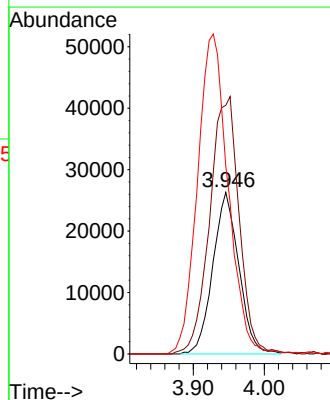
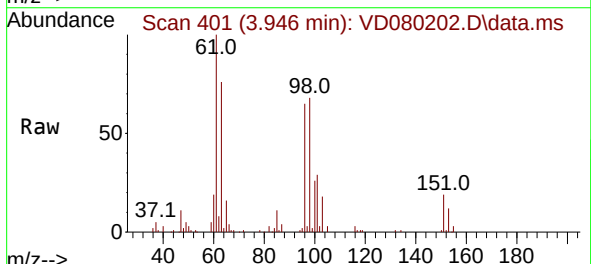
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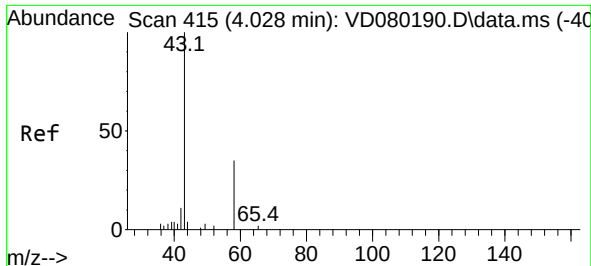
Tgt Ion:101 Resp: 79297
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.6 53.4
 151 73.7 60.0 90.0



#12
 1,1-Dichloroethene
 Concen: 21.125 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VD080202.D
 Acq: 09 Jan 2025 19:15

Tgt Ion: 96 Resp: 66761
 Ion Ratio Lower Upper
 96 100
 61 153.8 123.1 228.7
 63 116.1 89.6 166.4





#13

Acetone

Concen: 40.095 ug/L

RT: 4.034 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD080202.D

Acq: 09 Jan 2025 19:15

Instrument :

MSVOA_D

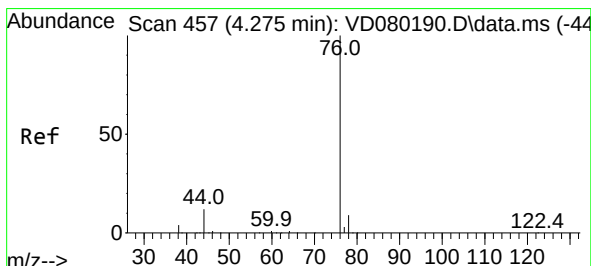
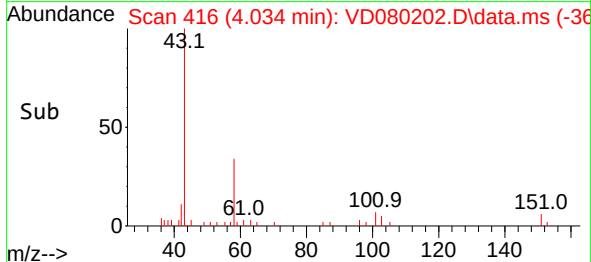
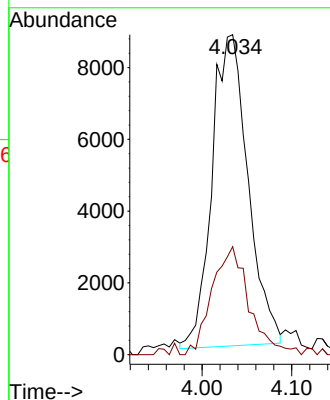
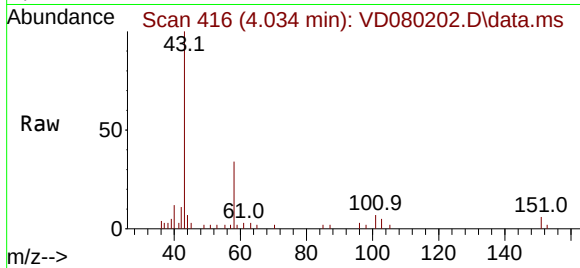
ClientSampleId :

Tgt Ion: 43 Resp: 24206

Ion Ratio Lower Upper

43 100

58 35.5 0.0 52.8



#14

Carbon disulfide

Concen: 22.108 ug/L

RT: 4.281 min Scan# 458

Delta R.T. 0.006 min

Lab File: VD080202.D

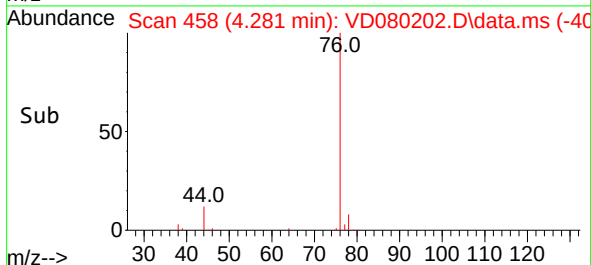
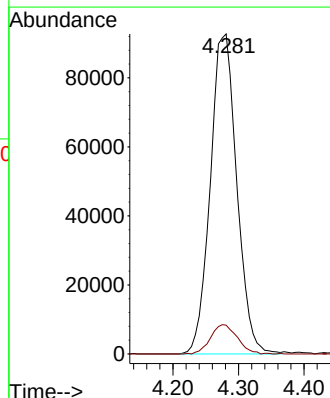
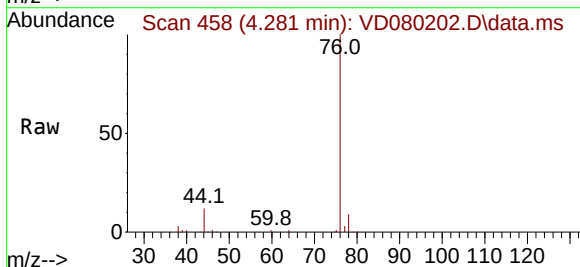
Acq: 09 Jan 2025 19:15

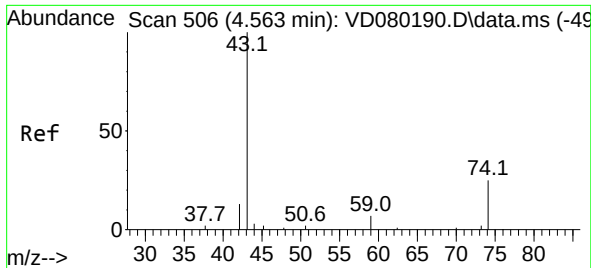
Tgt Ion: 76 Resp: 260398

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

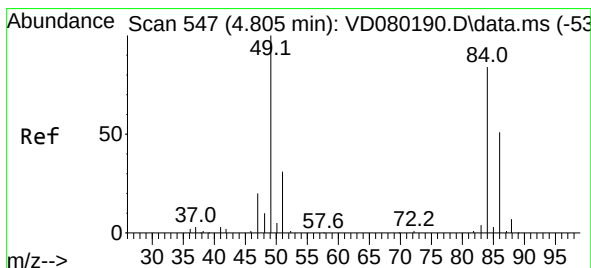
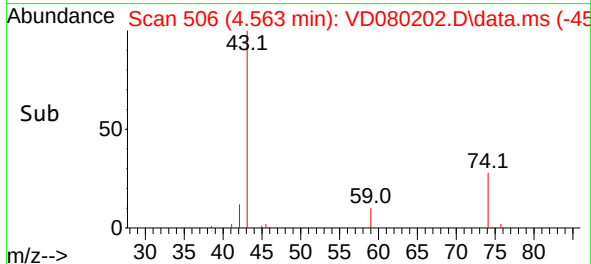
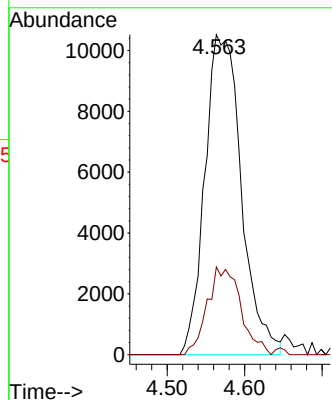
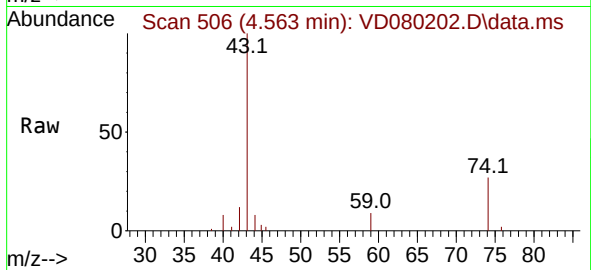




#15
Methyl Acetate
Concen: 22.783 ug/L
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

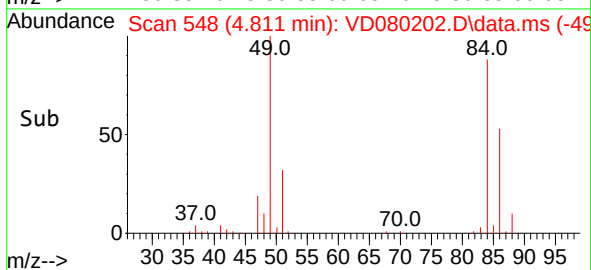
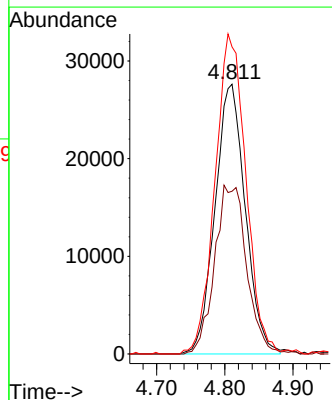
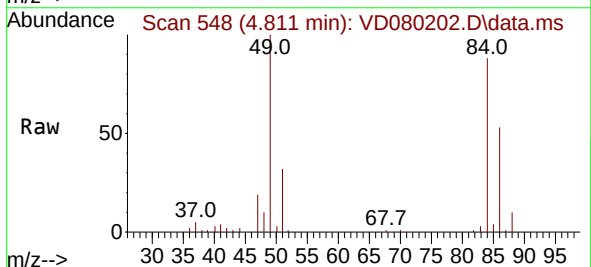
Instrument :
MSVOA_D
ClientSampleId :

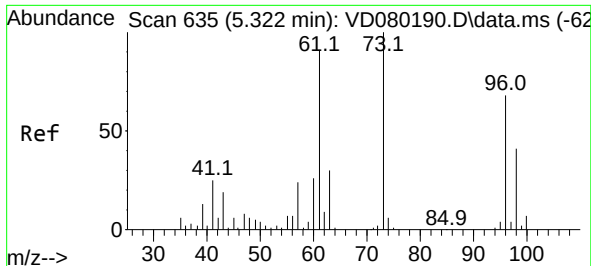
Tgt Ion: 43 Resp: 34421
Ion Ratio Lower Upper
43 100
74 11.6 10.1 15.1



#16
Methylene chloride
Concen: 22.375 ug/L
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

Tgt Ion: 84 Resp: 85447
Ion Ratio Lower Upper
84 100
86 60.3 42.8 79.4
49 113.8 83.1 154.3





#17

trans-1,2-Dichloroethene

Concen: 22.535 ug/L

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD080202.D

Acq: 09 Jan 2025 19:15

Instrument :

MSVOA_D

ClientSampleId :

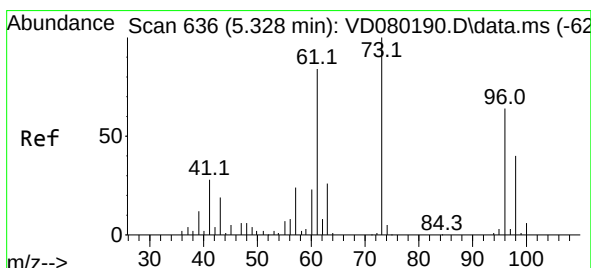
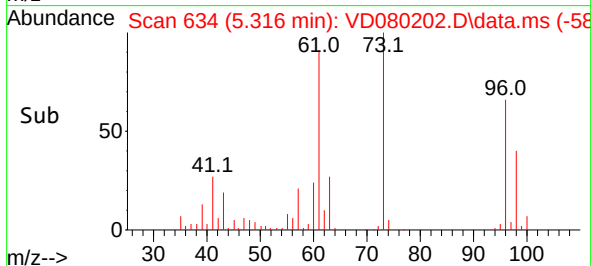
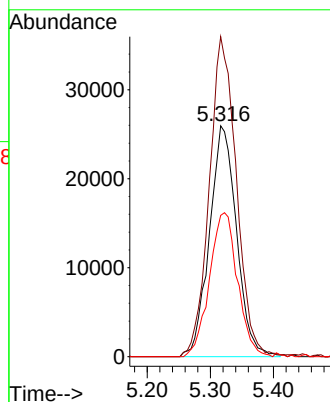
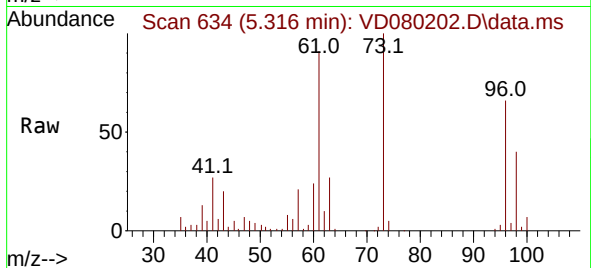
Tgt Ion: 96 Resp: 77471

Ion Ratio Lower Upper

96 100

61 138.6 93.7 173.9

98 61.2 42.1 78.1



#18

Methyl tert-butyl Ether

Concen: 23.721 ug/L

RT: 5.322 min Scan# 635

Delta R.T. -0.006 min

Lab File: VD080202.D

Acq: 09 Jan 2025 19:15

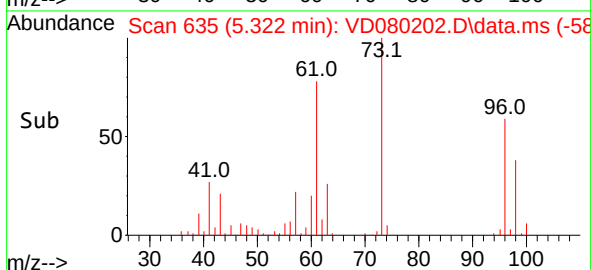
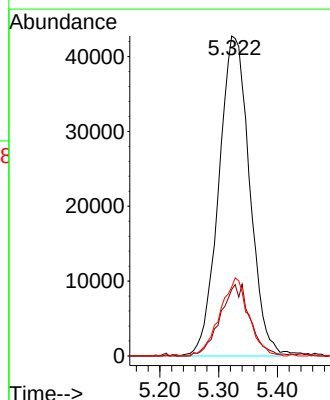
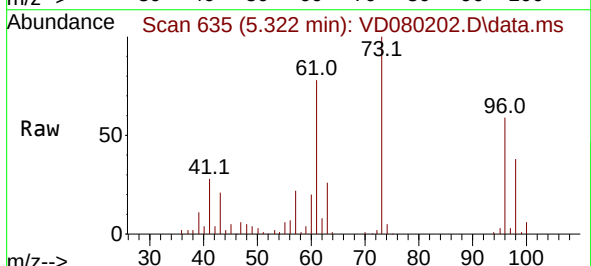
Tgt Ion: 73 Resp: 155387

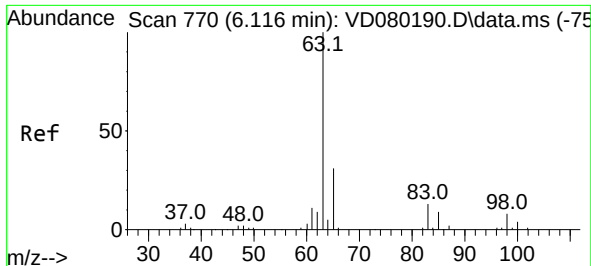
Ion Ratio Lower Upper

73 100

43 12.8 16.6 24.8#

57 22.8 18.9 28.3

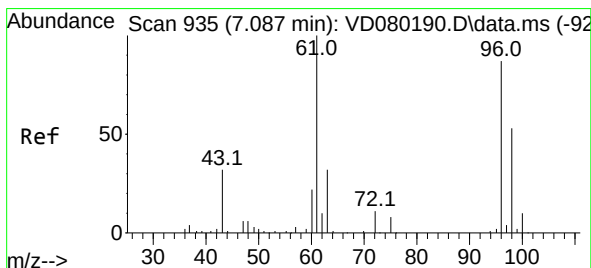
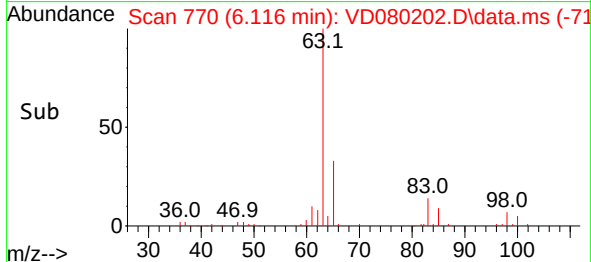
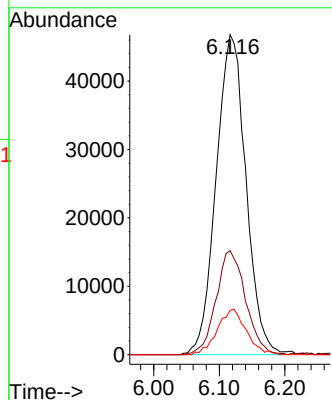
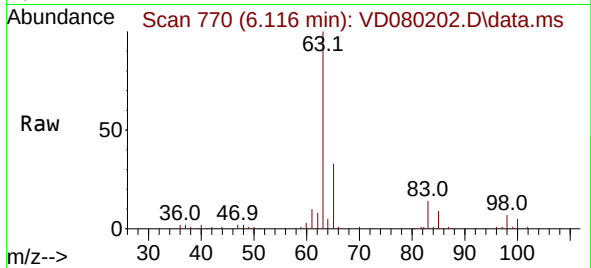




#19
 1,1-Dichloroethane
 Concen: 22.218 ug/L
 RT: 6.116 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD080202.D
 Acq: 09 Jan 2025 19:15

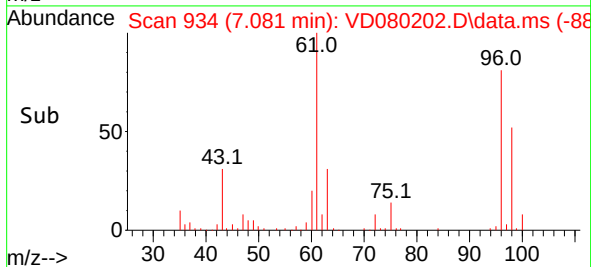
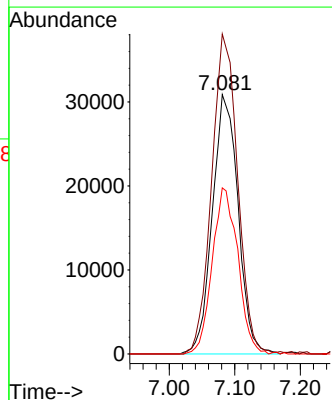
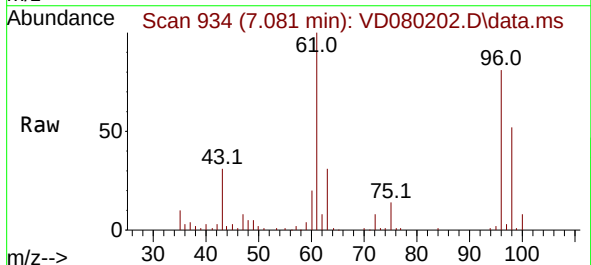
Instrument :
 MSVOA_D
 ClientSampleId :

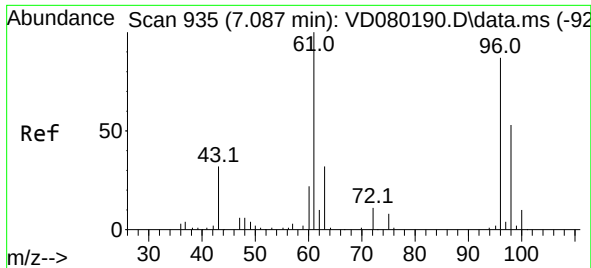
Tgt Ion: 63 Resp: 147463
 Ion Ratio Lower Upper
 63 100
 65 32.5 21.7 40.3
 83 13.9 8.8 16.4



#20
 cis-1,2-Dichloroethene
 Concen: 23.252 ug/L
 RT: 7.081 min Scan# 934
 Delta R.T. -0.006 min
 Lab File: VD080202.D
 Acq: 09 Jan 2025 19:15

Tgt Ion: 96 Resp: 84066
 Ion Ratio Lower Upper
 96 100
 61 123.4 80.8 150.0
 98 64.1 42.6 79.0

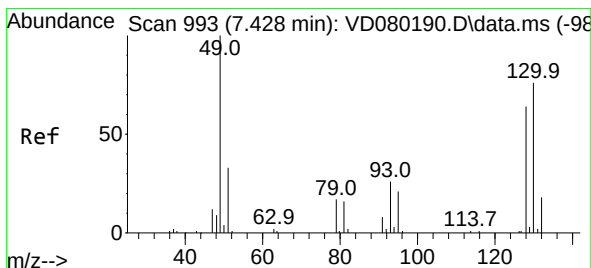
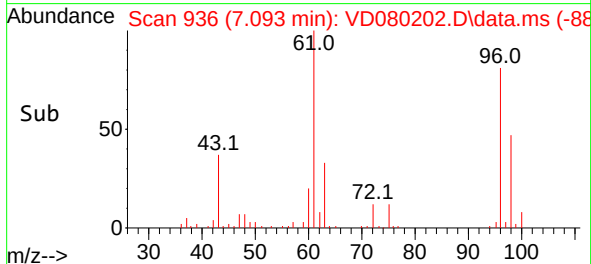
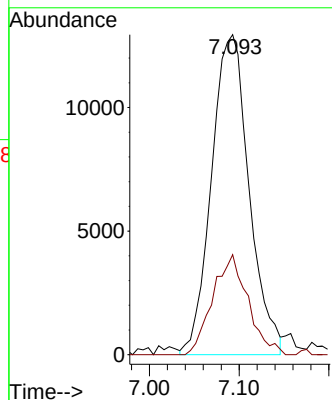
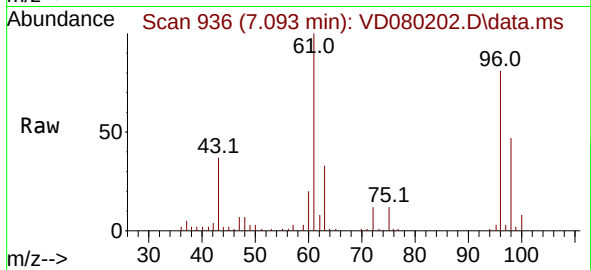




#22
2-Butanone
Concen: 43.868 ug/L
RT: 7.093 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

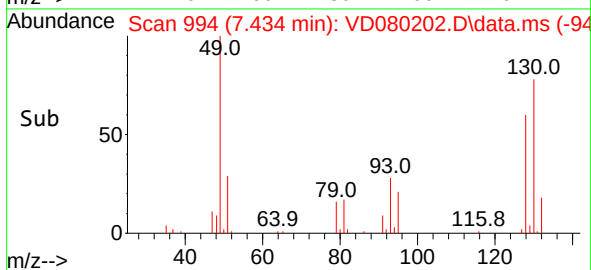
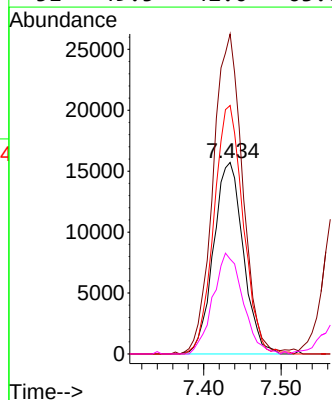
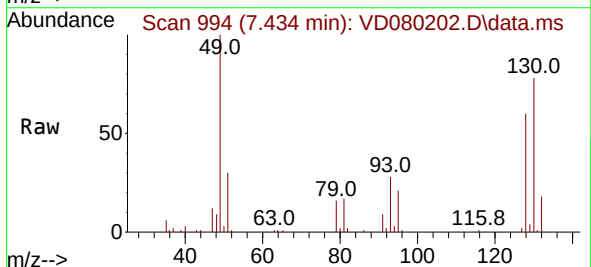
Instrument :
MSVOA_D
ClientSampleId :

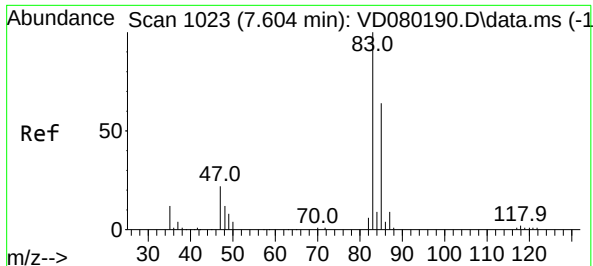
Tgt Ion: 43 Resp: 37733
Ion Ratio Lower Upper
43 100
72 29.2 14.0 42.0



#23
Bromochloromethane
Concen: 24.020 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

Tgt Ion:128 Resp: 41996
Ion Ratio Lower Upper
128 100
49 167.1 110.7 205.7
130 129.8 83.1 154.3
51 49.5 42.0 63.0





#25

Chloroform

Concen: 23.297 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD080202.D

Acq: 09 Jan 2025 19:15

Instrument :

MSVOA_D

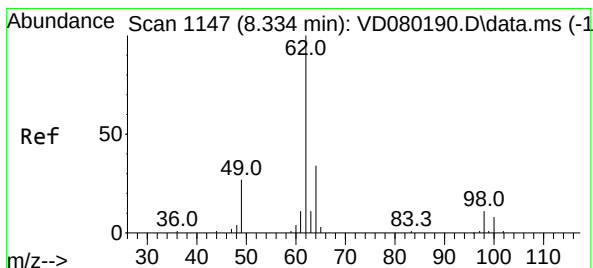
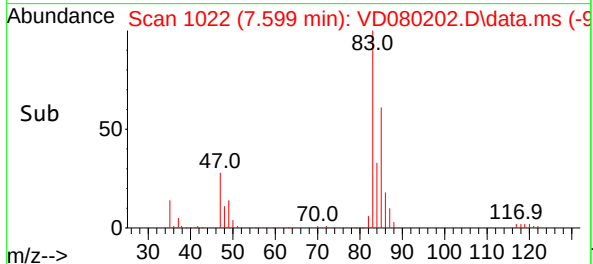
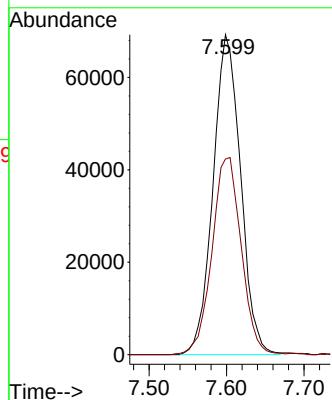
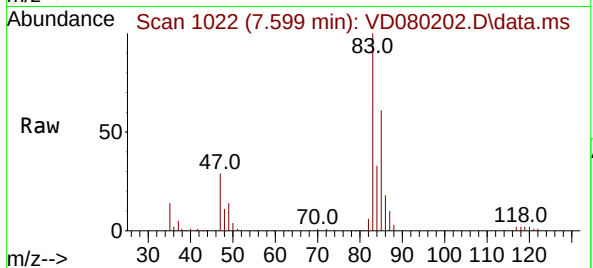
ClientSampleId :

Tgt Ion: 83 Resp: 171363

Ion Ratio Lower Upper

83 100

85 61.2 45.1 83.9



#27

1,2-Dichloroethane

Concen: 23.950 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.006 min

Lab File: VD080202.D

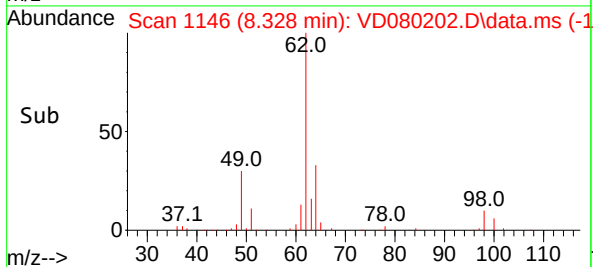
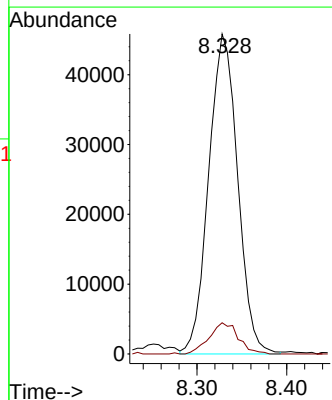
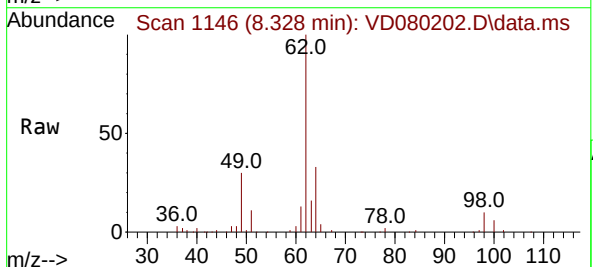
Acq: 09 Jan 2025 19:15

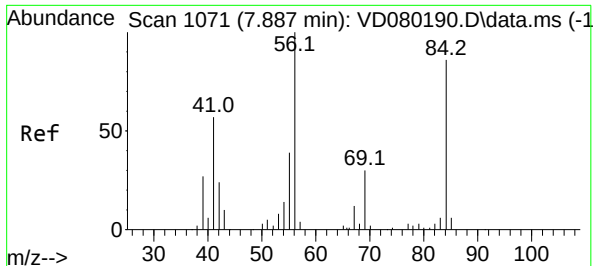
Tgt Ion: 62 Resp: 102770

Ion Ratio Lower Upper

62 100

98 9.8 8.6 13.0





#29

Cyclohexane

Concen: 20.843 ug/L

RT: 7.881 min Scan# 1071

Delta R.T. -0.006 min

Lab File: VD080202.D

Acq: 09 Jan 2025 19:15

Instrument :

MSVOA_D

ClientSampleId :

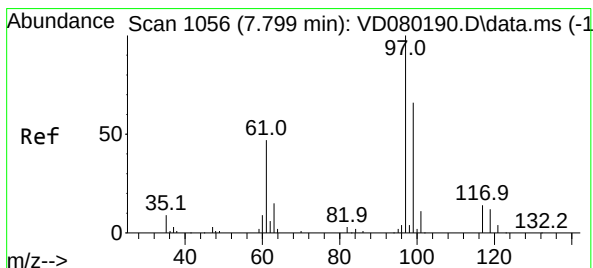
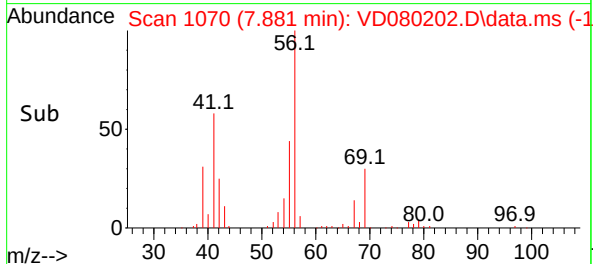
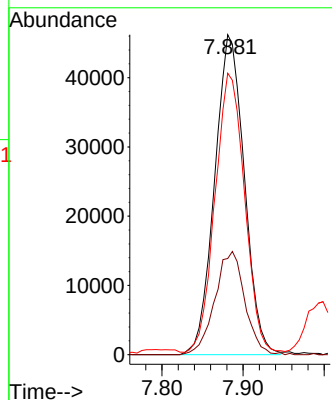
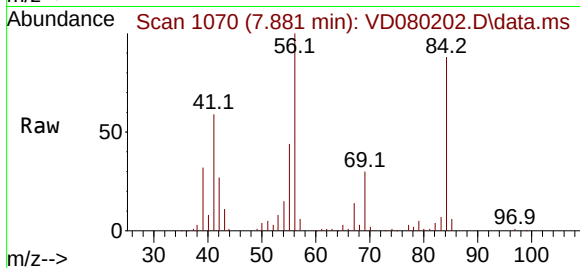
Tgt Ion: 56 Resp: 117427

Ion Ratio Lower Upper

56 100

69 32.5 24.2 36.4

84 87.8 68.8 103.2



#30

1,1,1-Trichloroethane

Concen: 21.683 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD080202.D

Acq: 09 Jan 2025 19:15

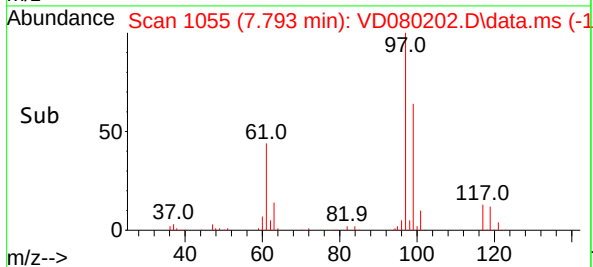
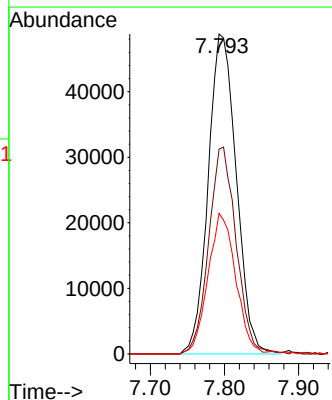
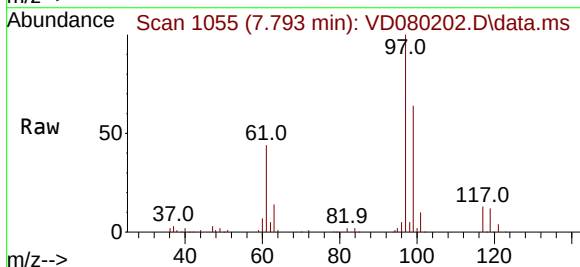
Tgt Ion: 97 Resp: 128636

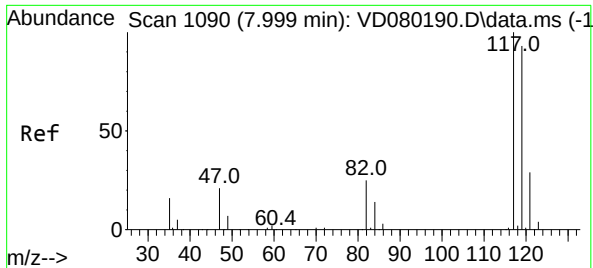
Ion Ratio Lower Upper

97 100

99 63.0 51.7 77.5

61 43.2 35.8 53.6

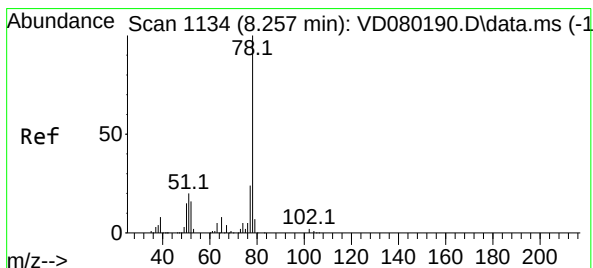
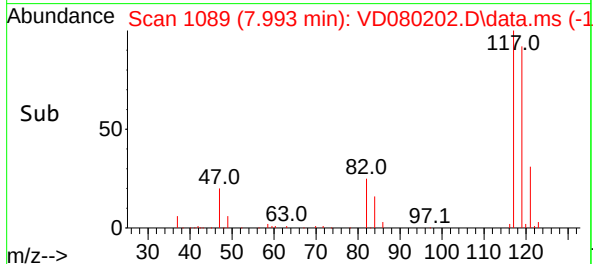
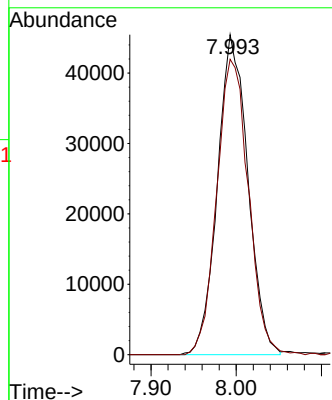
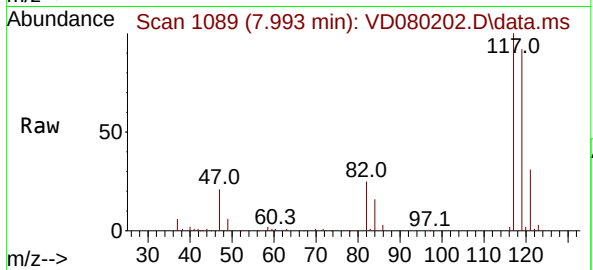




#31
Carbon tetrachloride
Concen: 21.525 ug/L
RT: 7.993 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

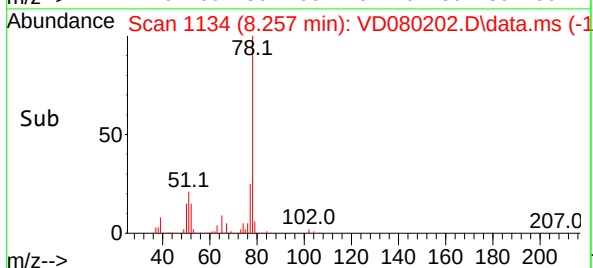
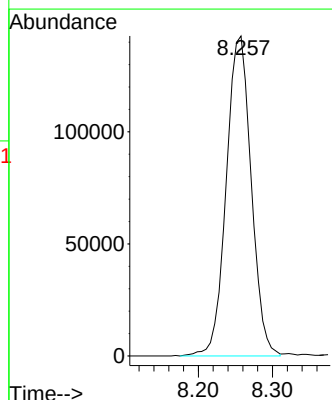
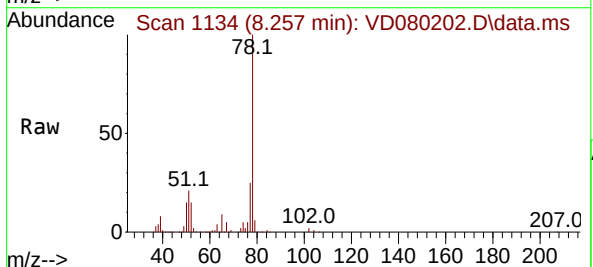
Instrument :
MSVOA_D
ClientSampleId :

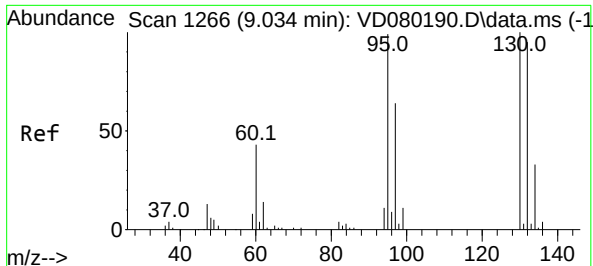
Tgt Ion:117 Resp: 112707
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.8



#33
Benzene
Concen: 21.933 ug/L
RT: 8.257 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

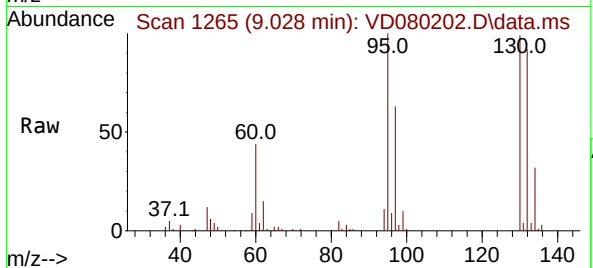
Tgt Ion: 78 Resp: 333969



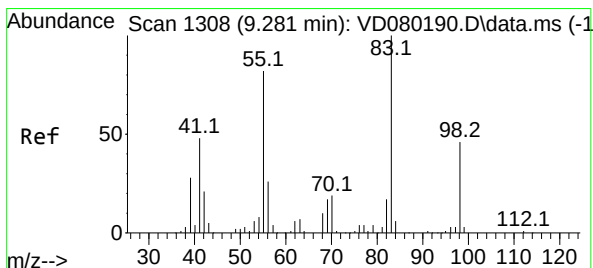
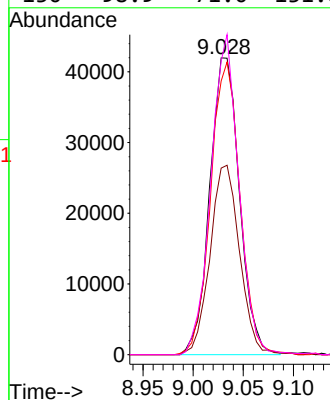
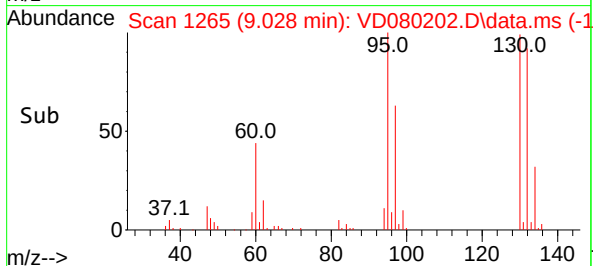


#34
Trichloroethene
Concen: 21.921 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

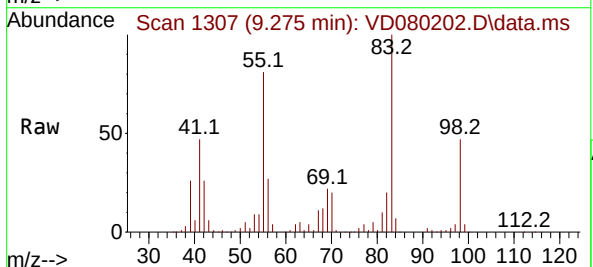
Instrument :
MSVOA_D
ClientSampleId :



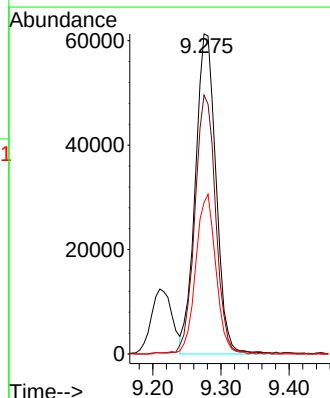
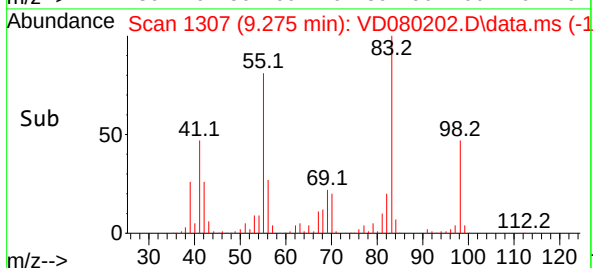
Tgt Ion: 95 Resp: 86447
Ion Ratio Lower Upper
95 100
97 62.9 45.6 84.6
132 92.2 67.2 124.8
130 98.9 71.0 131.8

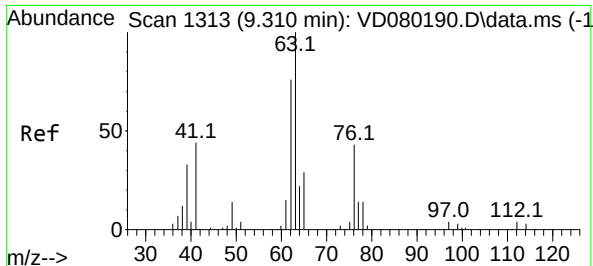


#35
Methylcyclohexane
Concen: 22.097 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.006 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15



Tgt Ion: 83 Resp: 129577
Ion Ratio Lower Upper
83 100
55 81.1 65.6 98.4
98 48.2 37.7 56.5

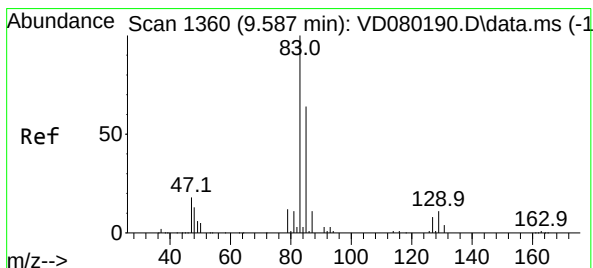
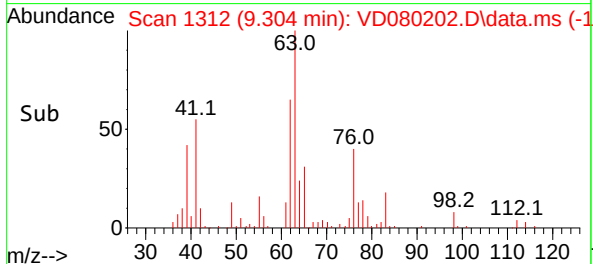
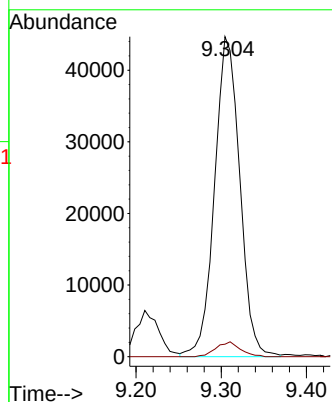
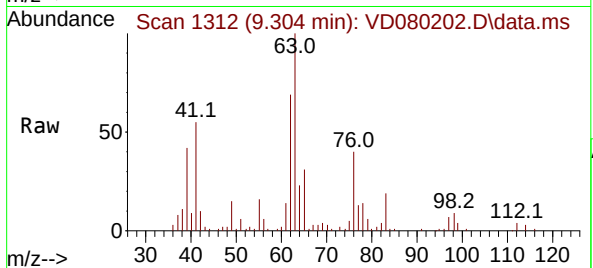




#37
1,2-Dichloropropane
Concen: 22.141 ug/L
RT: 9.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

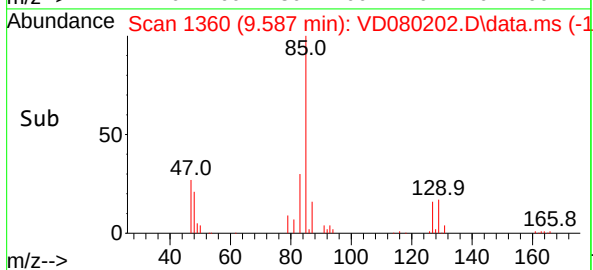
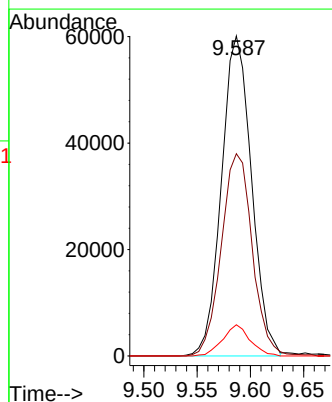
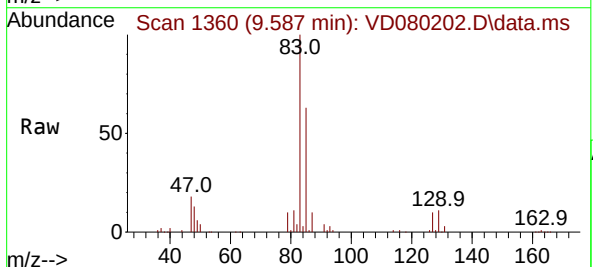
Instrument :
MSVOA_D
ClientSampleId :

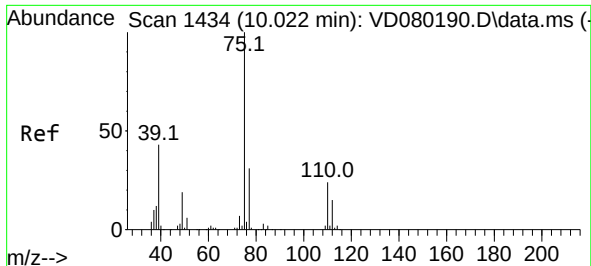
Tgt Ion: 63 Resp: 91852
Ion Ratio Lower Upper
63 100
112 4.5 3.6 5.4



#38
Bromodichloromethane
Concen: 22.646 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

Tgt Ion: 83 Resp: 117787
Ion Ratio Lower Upper
83 100
85 63.2 44.6 82.8
127 9.7 6.7 10.1

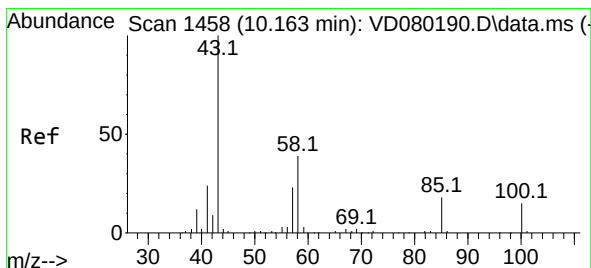
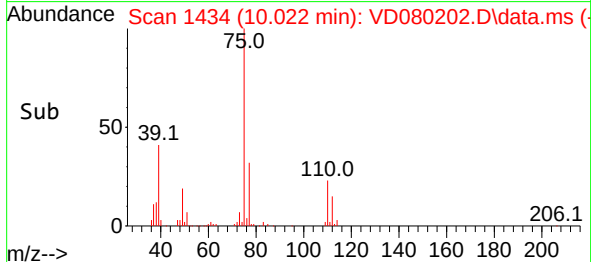
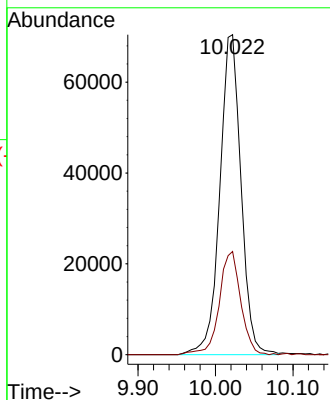
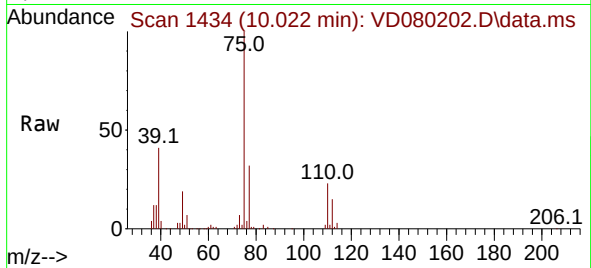




#39
cis-1,3-Dichloropropene
Concen: 22.859 ug/L
RT: 10.022 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

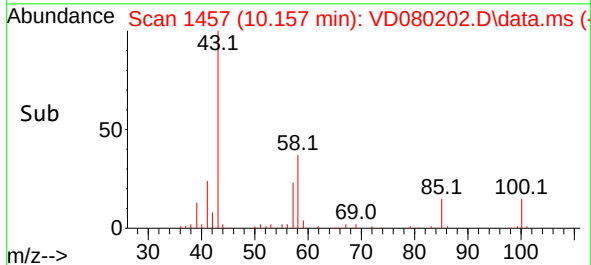
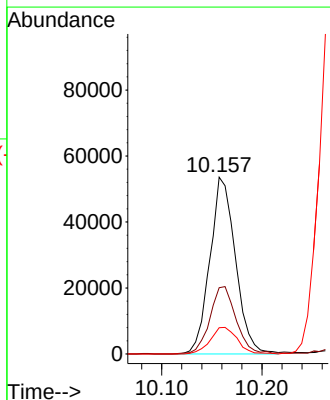
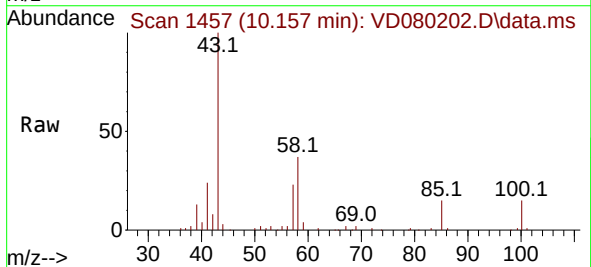
Instrument :
MSVOA_D
ClientSampleId :

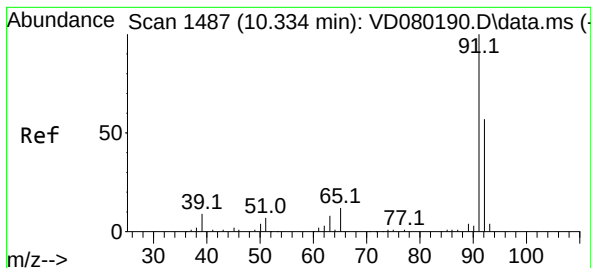
Tgt Ion: 75 Resp: 134034
Ion Ratio Lower Upper
75 100
77 32.2 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 46.647 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

Tgt Ion: 43 Resp: 94993
Ion Ratio Lower Upper
43 100
58 38.9 31.0 46.6
100 15.8 12.1 18.1





#42

Toluene

Concen: 23.415 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD080202.D

Acq: 09 Jan 2025 19:15

Instrument :

MSVOA_D

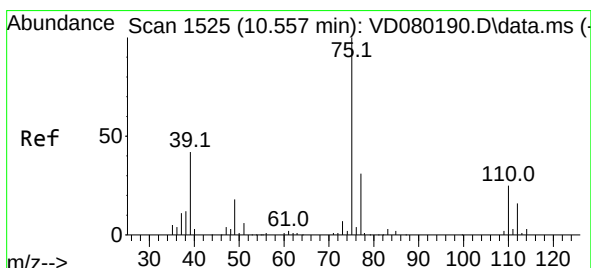
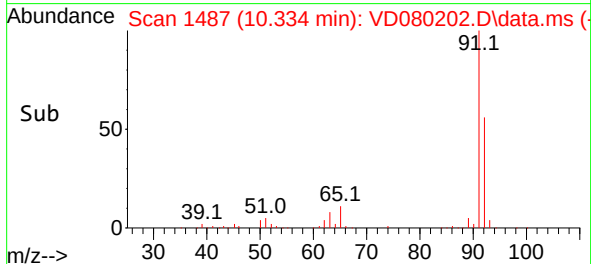
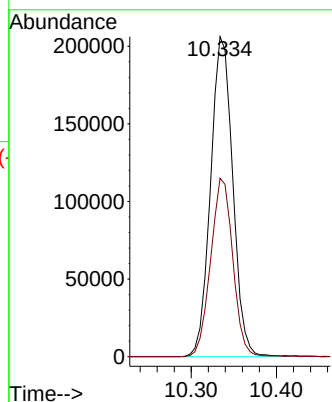
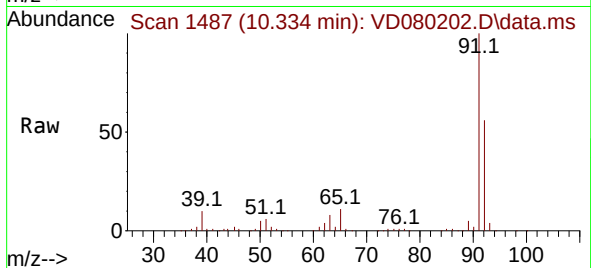
ClientSampleId :

Tgt Ion: 91 Resp: 372504

Ion Ratio Lower Upper

91 100

92 55.7 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 24.017 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD080202.D

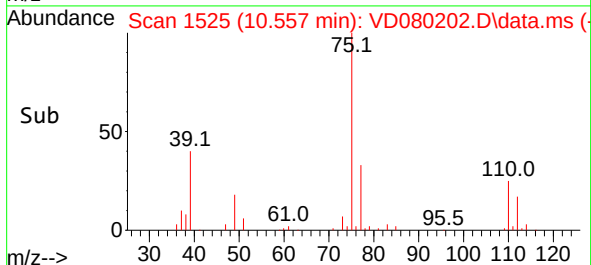
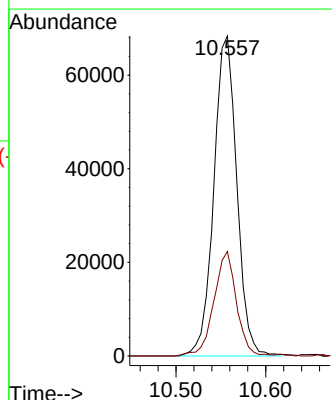
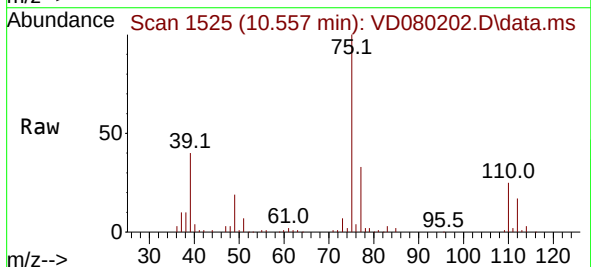
Acq: 09 Jan 2025 19:15

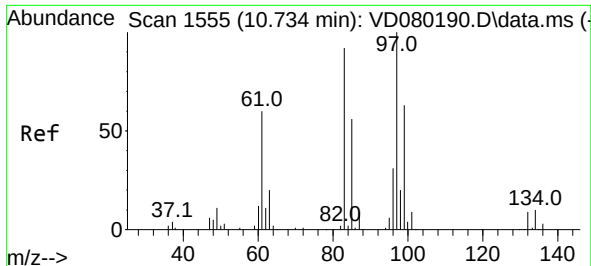
Tgt Ion: 75 Resp: 121611

Ion Ratio Lower Upper

75 100

77 32.6 22.0 40.8

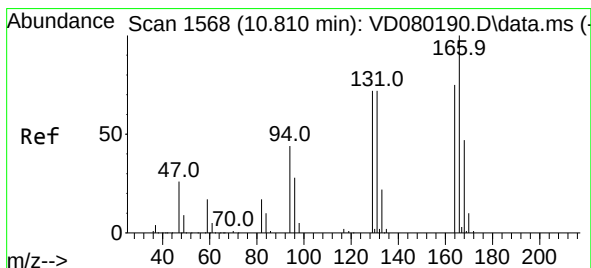
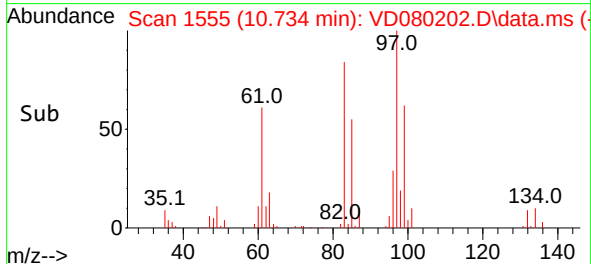
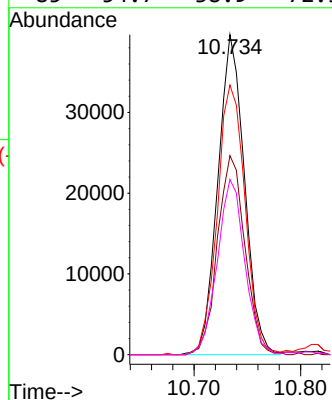
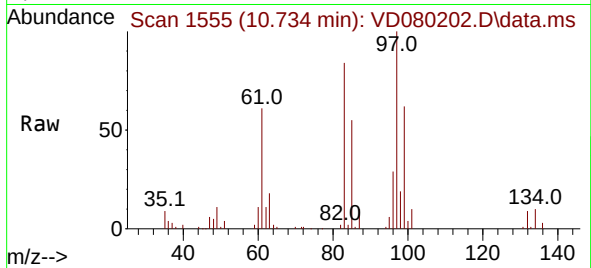




#45
1,1,2-Trichloroethane
Concen: 22.616 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

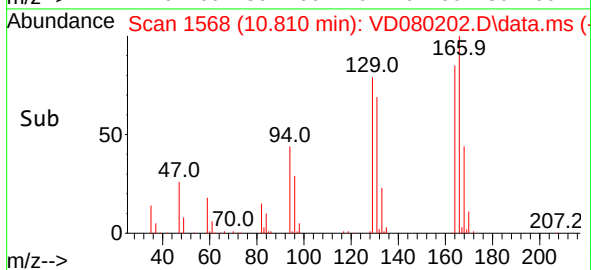
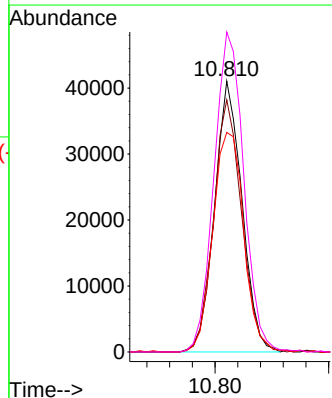
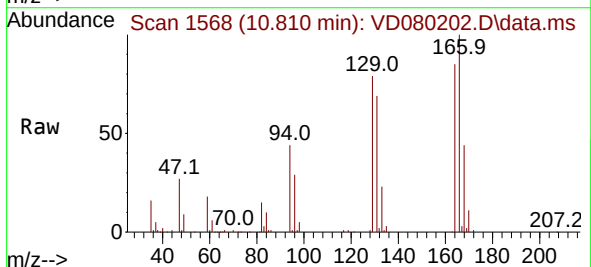
Instrument :
MSVOA_D
ClientSampleId :

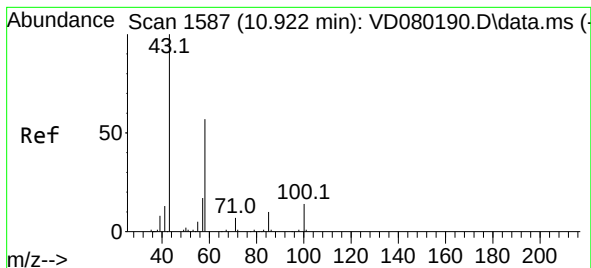
Tgt Ion: 97	Resp: 68503
Ion Ratio	Lower Upper
97 100	
99 62.2	44.0 81.8
83 84.3	64.4 119.6
85 54.7	38.9 72.3



#46
Tetrachloroethene
Concen: 21.641 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

Tgt	Ion:164	Resp:	68764
Ion	Ratio	Lower	Upper
164	100		
129	93.1	67.8	125.8
131	81.1	67.6	125.6
166	118.1	93.7	174.1





#48

2-Hexanone

Concen: 49.969 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

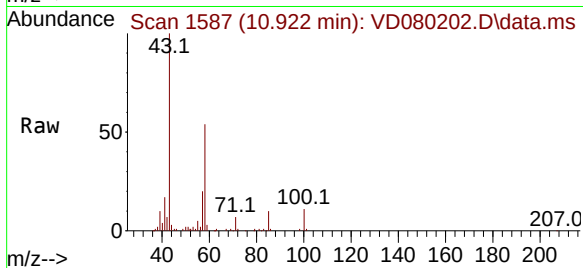
Lab File: VD080202.D

Acq: 09 Jan 2025 19:15

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 69383

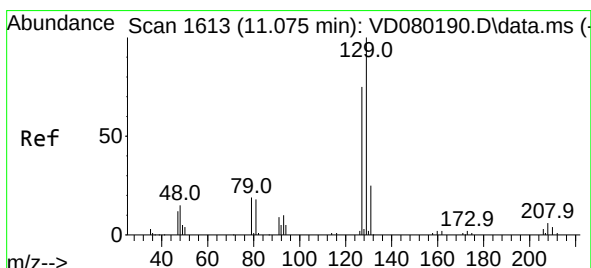
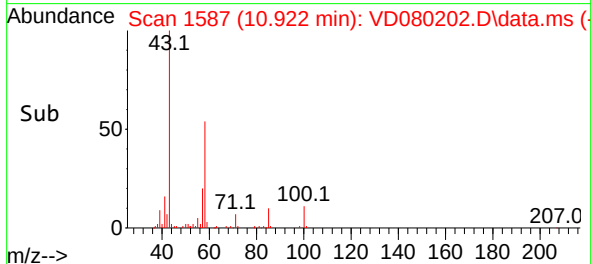
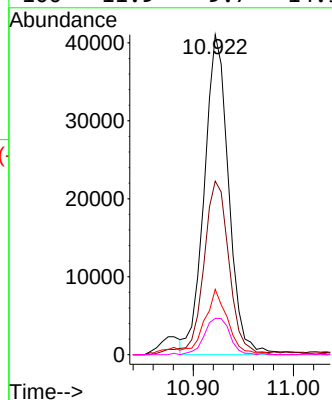
Ion Ratio Lower Upper

43 100

58 57.0 42.5 63.7

57 19.2 15.5 23.3

100 11.9 9.7 14.5



#49

Dibromochloromethane

Concen: 23.843 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD080202.D

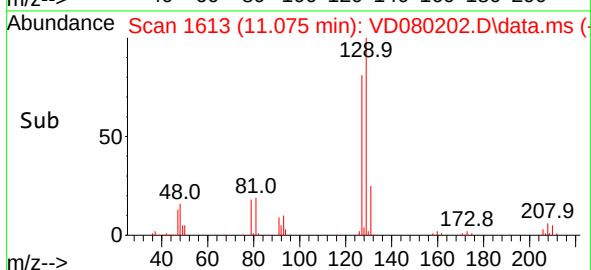
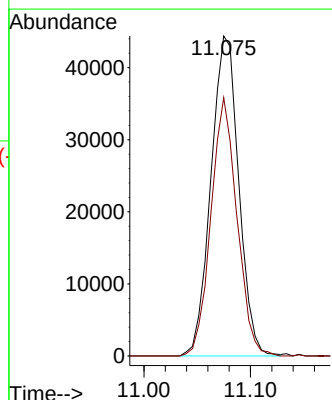
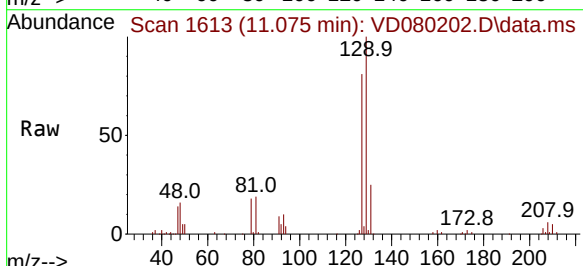
Acq: 09 Jan 2025 19:15

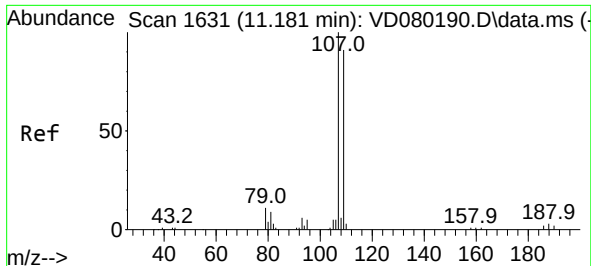
Tgt Ion:129 Resp: 80430

Ion Ratio Lower Upper

129 100

127 80.7 52.3 97.1

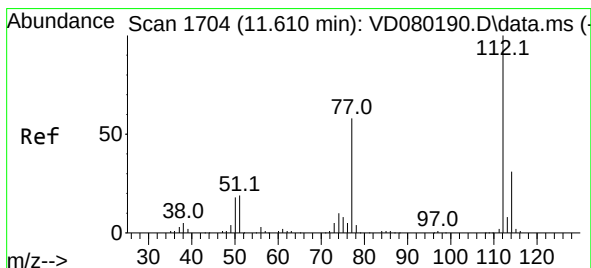
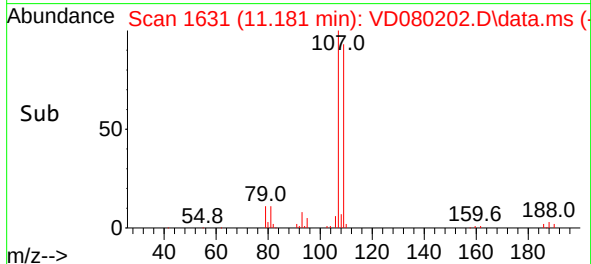
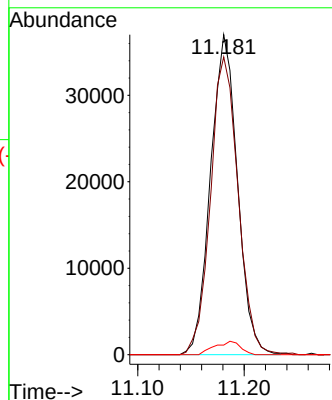
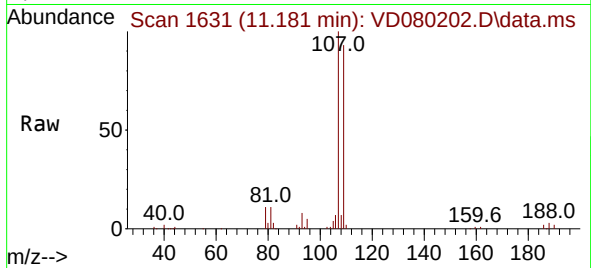




#50
1,2-Dibromoethane
Concen: 23.574 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

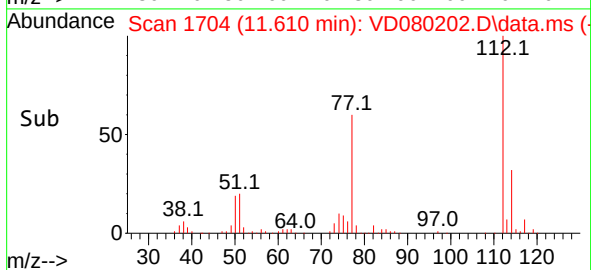
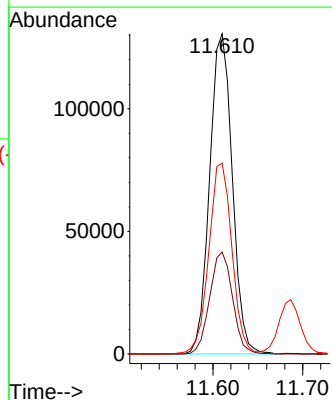
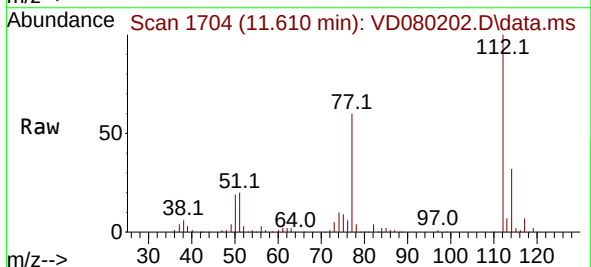
Instrument :
MSVOA_D
ClientSampleId :

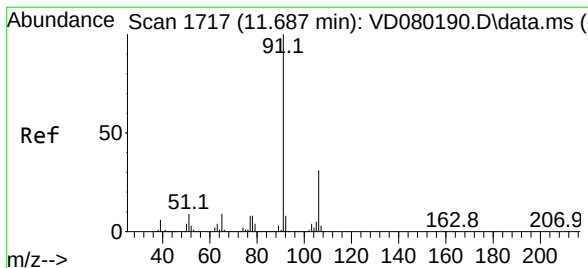
Tgt Ion:107 Resp: 64894
Ion Ratio Lower Upper
107 100
109 93.0 63.8 118.6
188 3.0 2.8 4.2



#51
Chlorobenzene
Concen: 22.407 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

Tgt Ion:112 Resp: 228522
Ion Ratio Lower Upper
112 100
114 31.8 21.8 40.6
77 59.7 46.8 70.2





#52

Ethylbenzene

Concen: 23.134 ug/L

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD080202.D

Acq: 09 Jan 2025 19:15

Instrument :

MSVOA_D

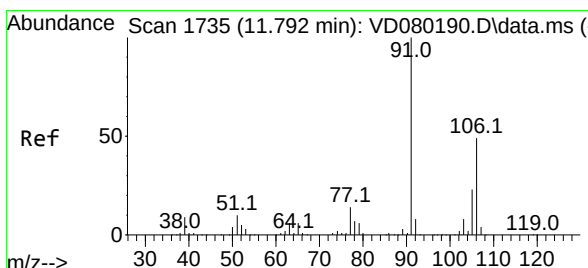
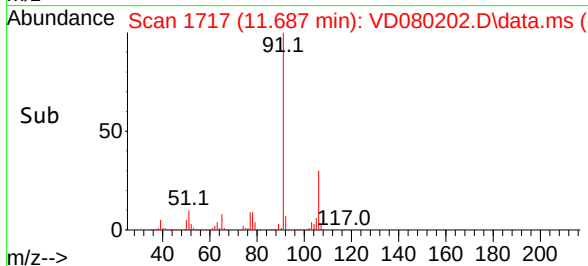
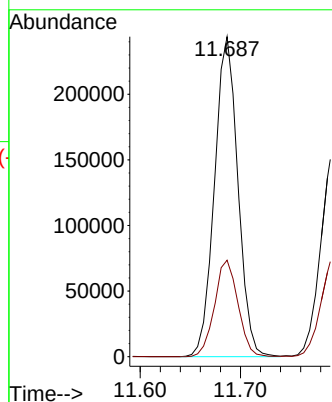
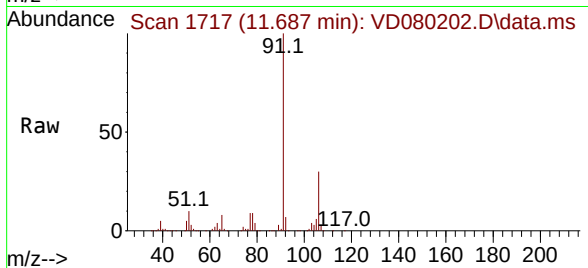
ClientSampleId :

Tgt Ion: 91 Resp: 394910

Ion Ratio Lower Upper

91 100

106 30.2 21.8 40.6



#53

m,p-Xylene

Concen: 23.590 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD080202.D

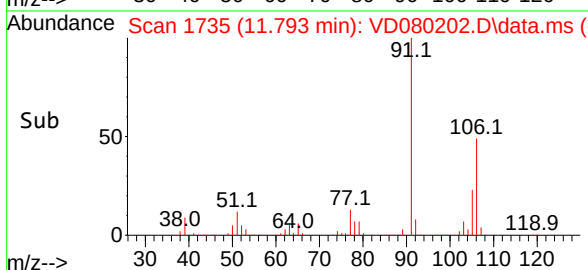
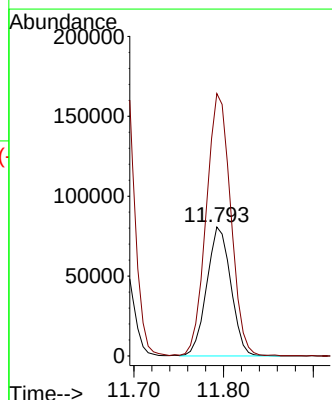
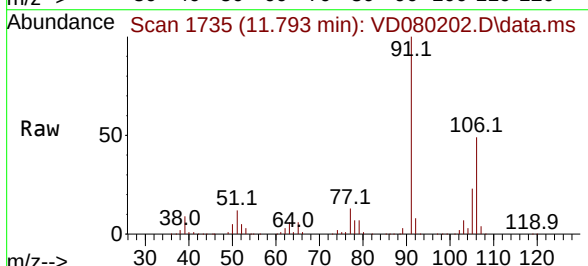
Acq: 09 Jan 2025 19:15

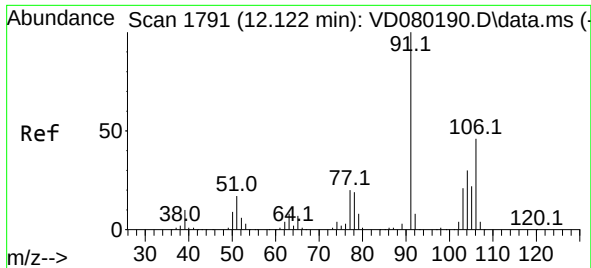
Tgt Ion: 106 Resp: 150496

Ion Ratio Lower Upper

106 100

91 203.6 144.1 267.7

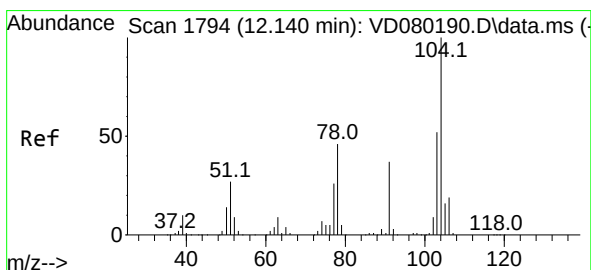
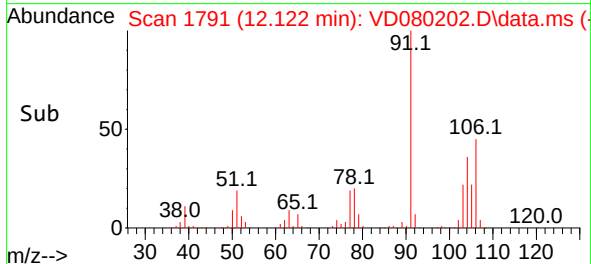
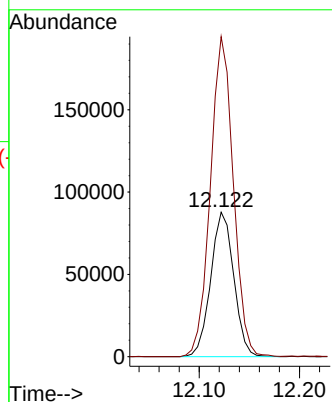
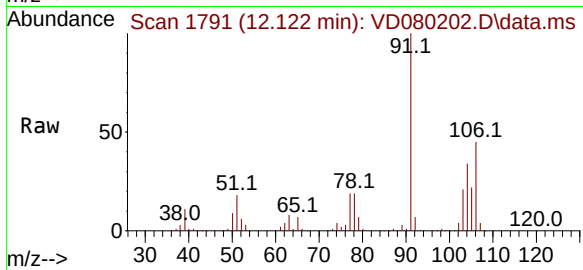




#54
o-Xylene
Concen: 23.516 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

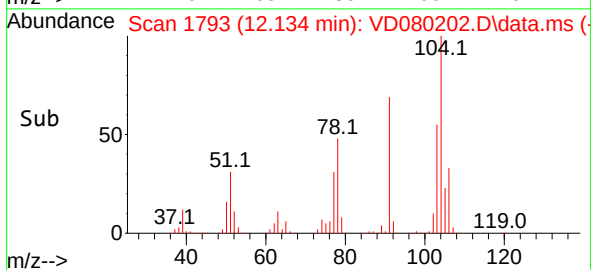
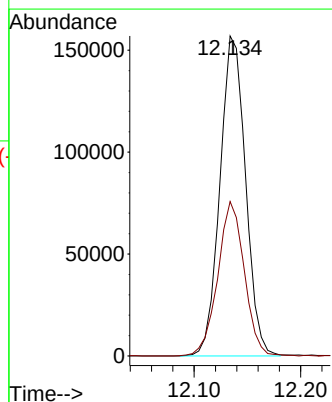
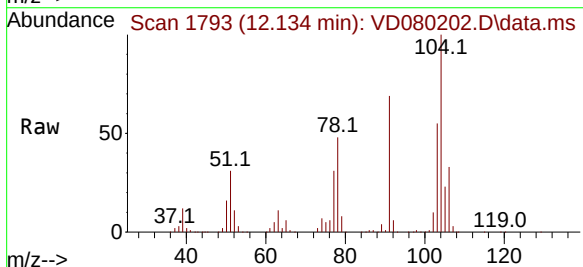
Instrument :
MSVOA_D
ClientSampleId :

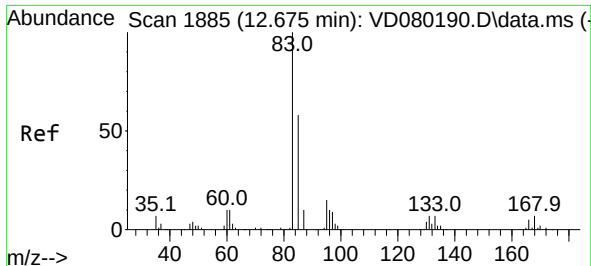
Tgt Ion:106 Resp: 140347
Ion Ratio Lower Upper
106 100
91 221.4 153.8 285.6



#55
Styrene
Concen: 24.231 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

Tgt Ion:104 Resp: 261925
Ion Ratio Lower Upper
104 100
78 48.3 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 24.296 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD080202.D

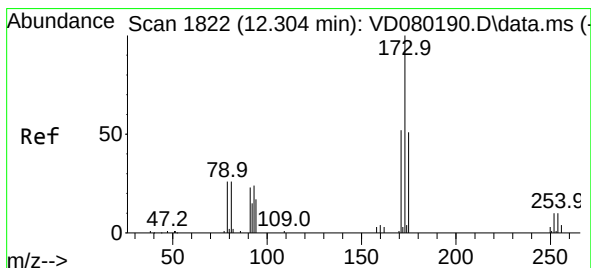
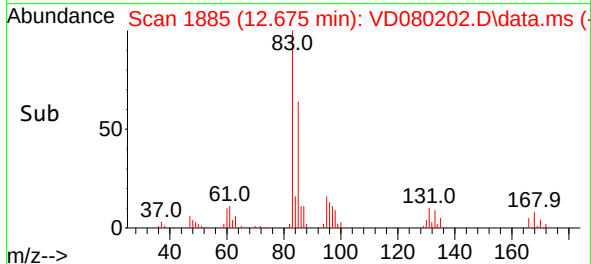
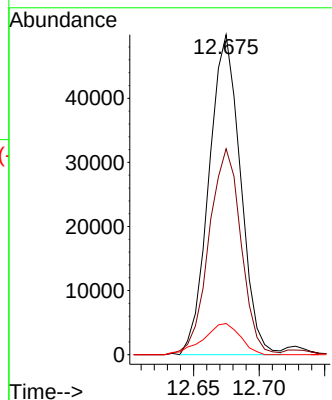
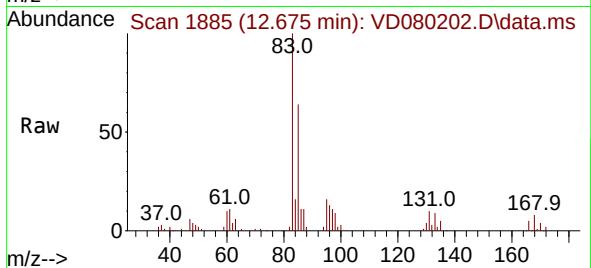
Acq: 09 Jan 2025 19:15

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 83427
Ion Ratio	Lower Upper
83	100
85	64.3 40.7 75.5
131	9.8 6.2 9.2#



#59

Bromoform

Concen: 23.803 ug/L

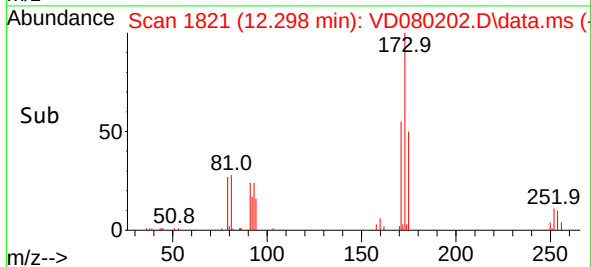
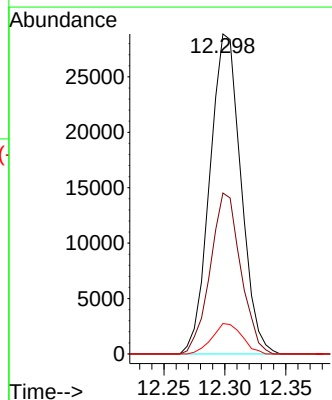
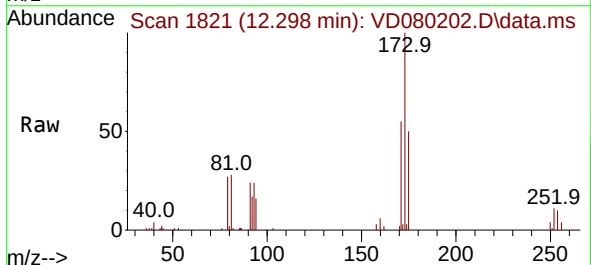
RT: 12.298 min Scan# 1821

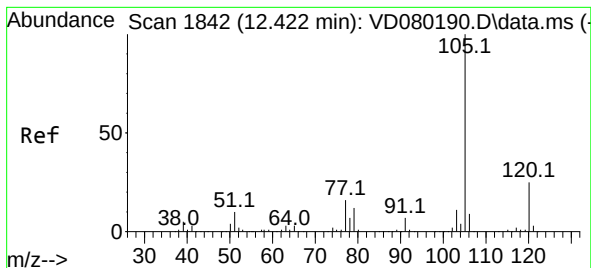
Delta R.T. -0.006 min

Lab File: VD080202.D

Acq: 09 Jan 2025 19:15

Tgt Ion: 173	Resp: 51246
Ion Ratio	Lower Upper
173	100
175	49.3 38.2 57.4
254	9.2 8.3 12.5





#60

Isopropylbenzene

Concen: 22.366 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD080202.D

Acq: 09 Jan 2025 19:15

Instrument :

MSVOA_D

ClientSampleId :

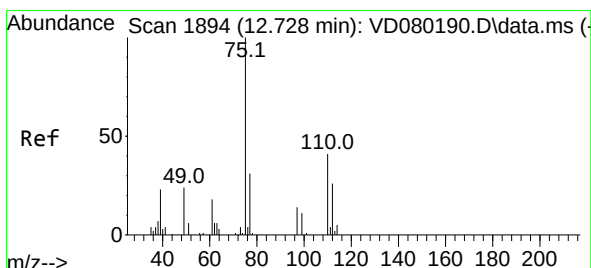
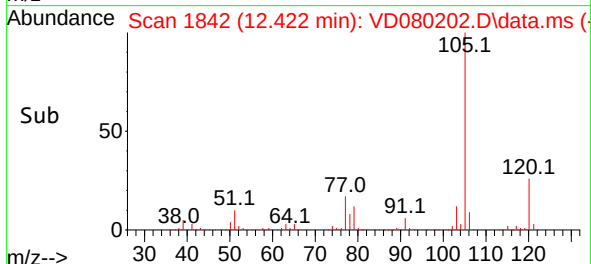
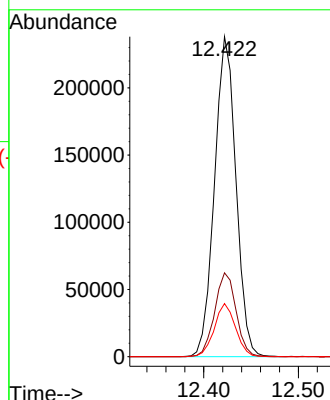
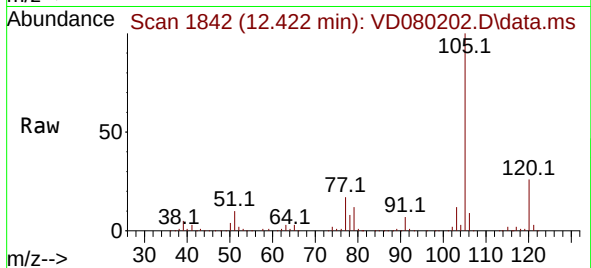
Tgt Ion:105 Resp: 374280

Ion Ratio Lower Upper

105 100

120 26.2 20.6 30.8

77 16.5 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 22.385 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD080202.D

Acq: 09 Jan 2025 19:15

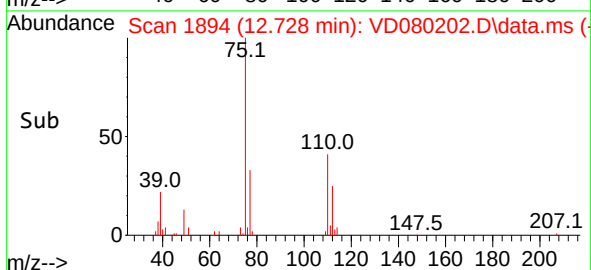
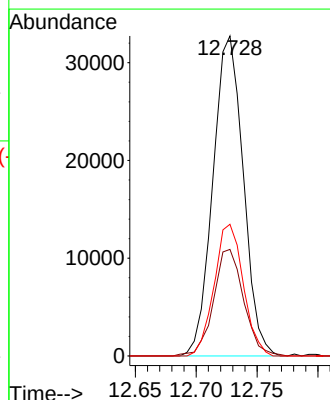
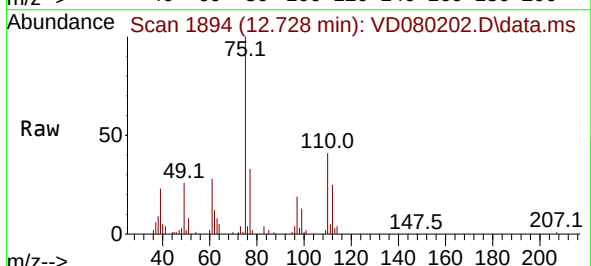
Tgt Ion: 75 Resp: 56796

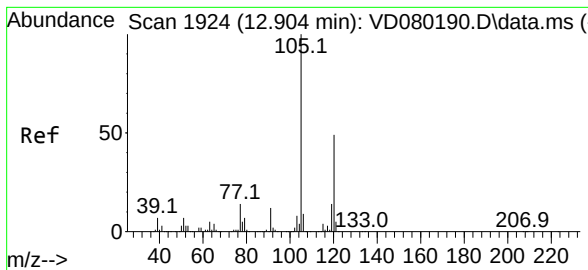
Ion Ratio Lower Upper

75 100

77 33.0 25.7 38.5

110 39.5 31.5 47.3

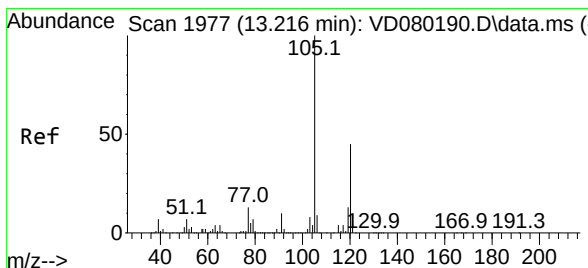
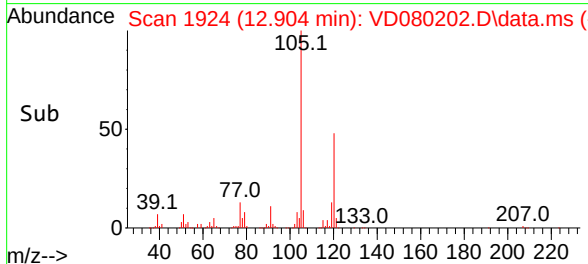
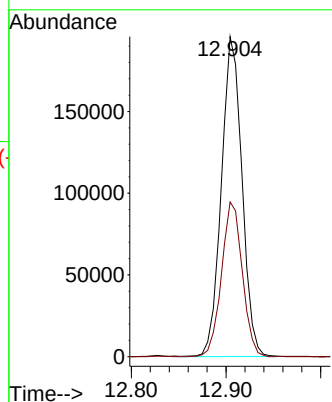
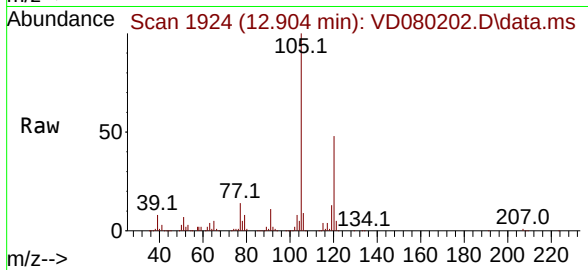




#62
 1,3,5-Trimethylbenzene
 Concen: 22.196 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD080202.D
 Acq: 09 Jan 2025 19:15

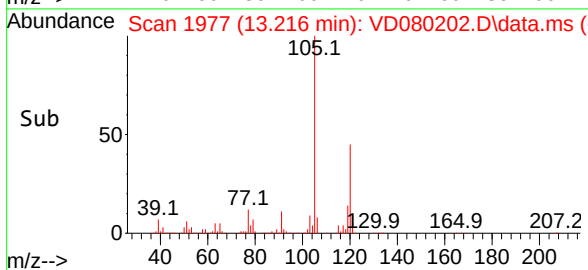
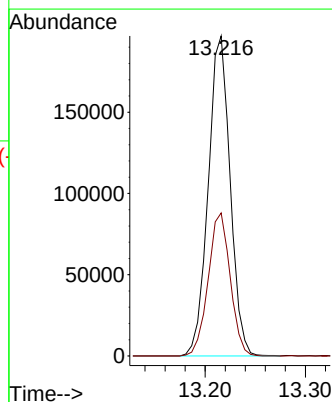
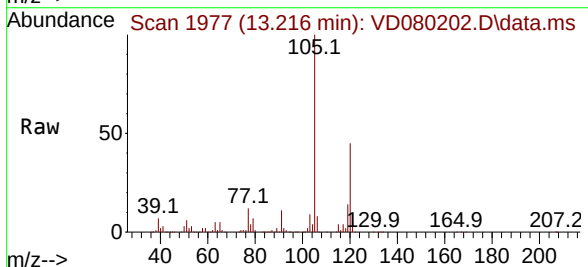
Instrument :
 MSVOA_D
 ClientSampleId :

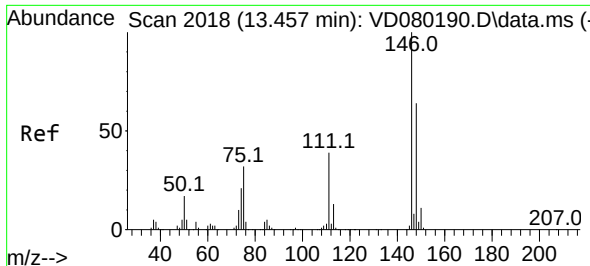
Tgt Ion:105 Resp: 296001
 Ion Ratio Lower Upper
 105 100
 120 48.8 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 23.012 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: VD080202.D
 Acq: 09 Jan 2025 19:15

Tgt Ion:105 Resp: 299363
 Ion Ratio Lower Upper
 105 100
 120 44.8 36.1 54.1

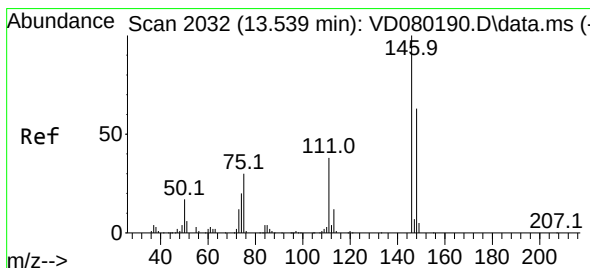
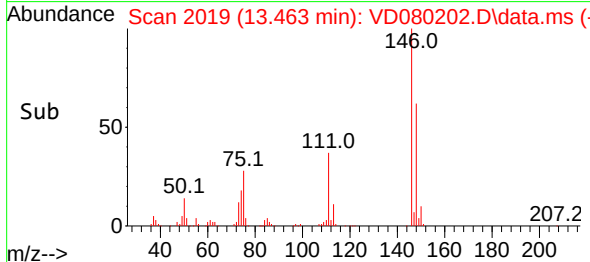
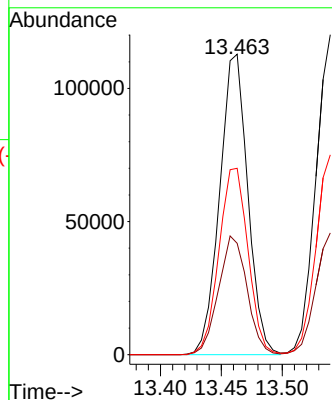
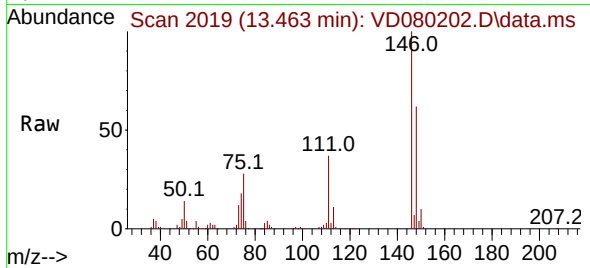




#64
1,3-Dichlorobenzene
Concen: 22.202 ug/L
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

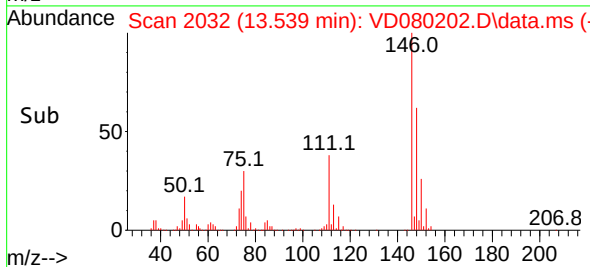
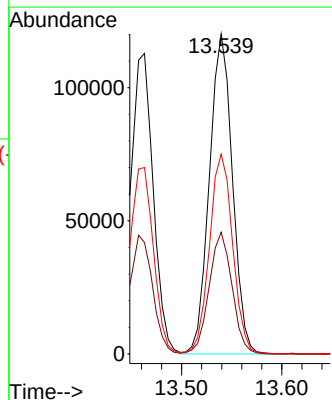
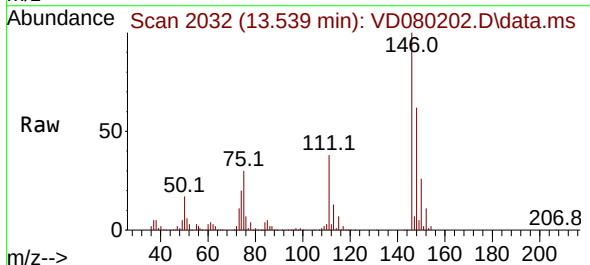
Instrument :
MSVOA_D
ClientSampleId :

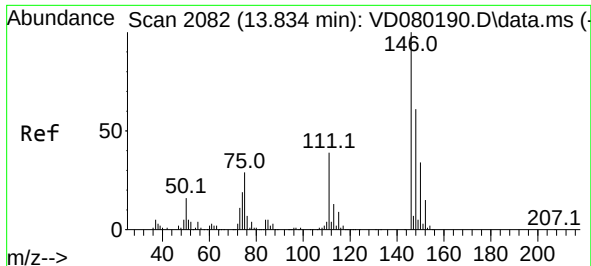
Tgt Ion:146 Resp: 181744
Ion Ratio Lower Upper
146 100
111 37.0 27.2 50.6
148 62.0 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 22.764 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

Tgt Ion:146 Resp: 192402
Ion Ratio Lower Upper
146 100
111 38.0 26.7 49.7
148 62.4 44.1 81.9

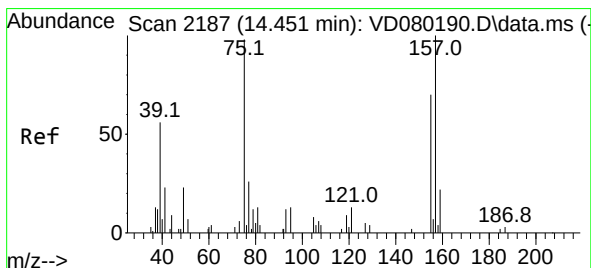
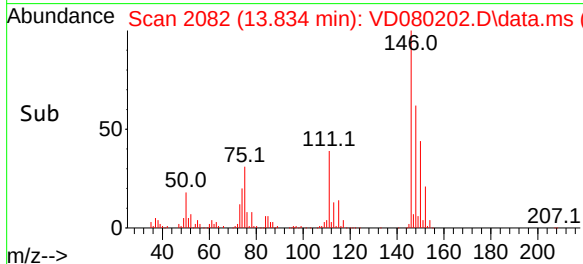
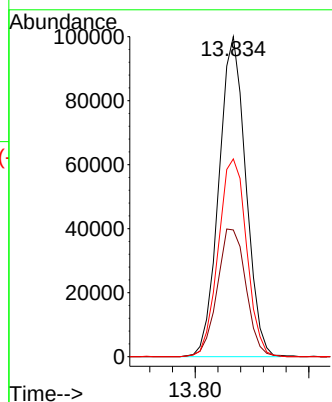
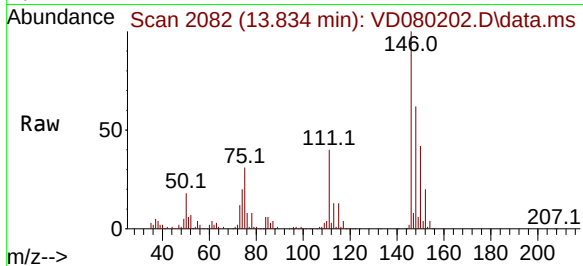




#67
1,2-Dichlorobenzene
Concen: 22.500 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

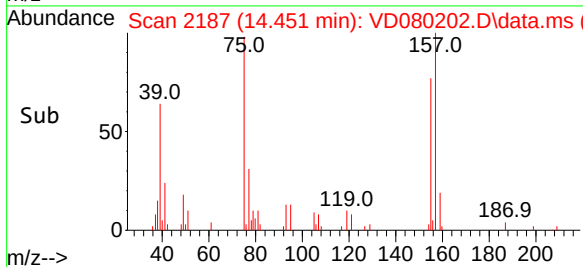
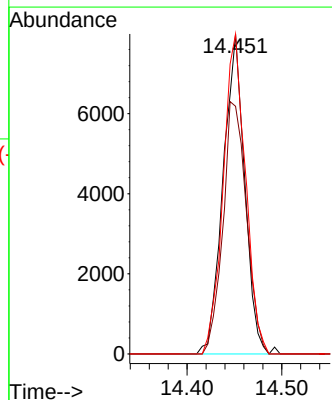
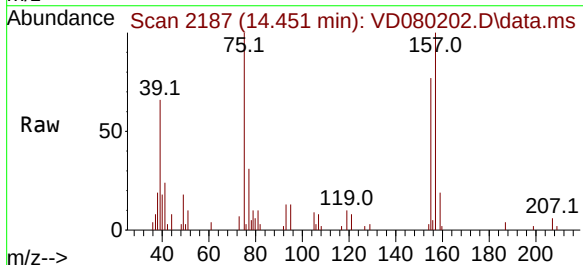
Instrument :
MSVOA_D
ClientSampleId :

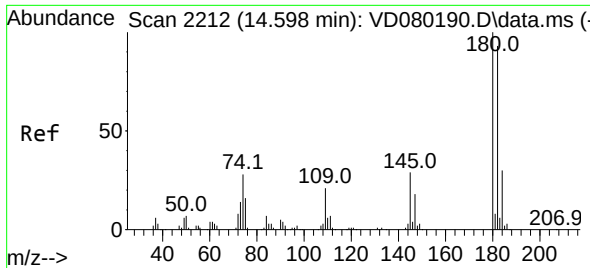
Tgt Ion:146 Resp: 164973
Ion Ratio Lower Upper
146 100
111 39.6 31.4 47.0
148 61.8 48.8 73.2



#68
1,2-Dibromo-3-chloropropane
Concen: 22.920 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD080202.D
Acq: 09 Jan 2025 19:15

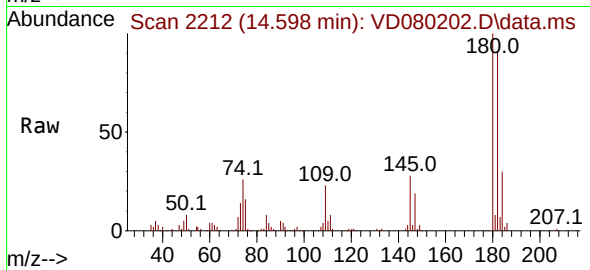
Tgt Ion: 75 Resp: 12645
Ion Ratio Lower Upper
75 100
155 77.5 57.3 85.9
157 100.1 82.0 123.0



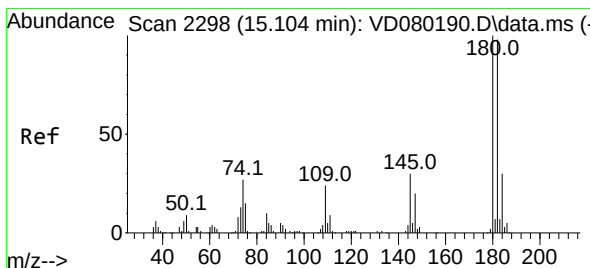
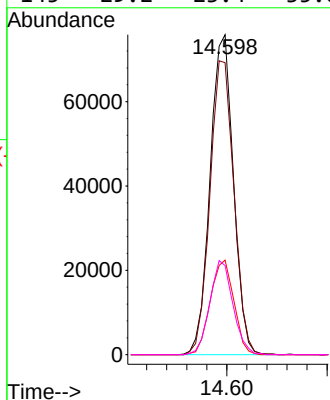
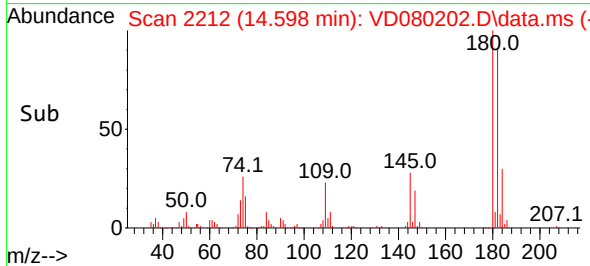


#69
 1,3,5-Trichlorobenzene
 Concen: 22.035 ug/L
 RT: 14.598 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080202.D
 Acq: 09 Jan 2025 19:15

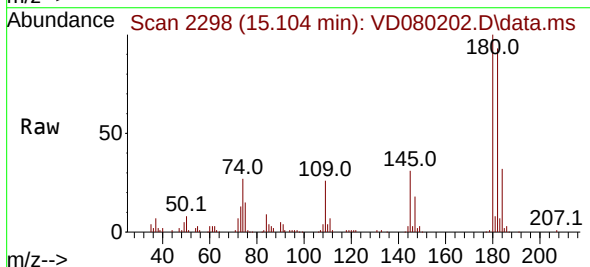
Instrument :
 MSVOA_D
 ClientSampleId :



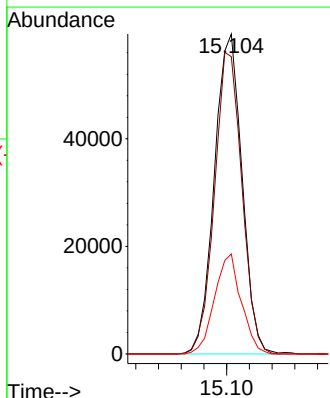
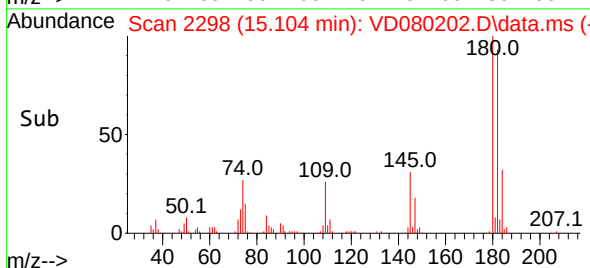
Tgt Ion:180 Resp: 122659
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.4 113.0
 184 29.8 24.0 36.0
 145 29.2 23.4 35.0

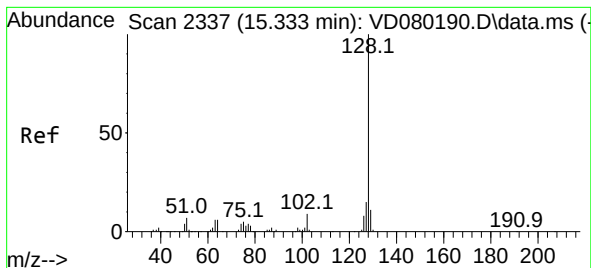


#70
 1,2,4-trichlorobenzene
 Concen: 22.089 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD080202.D
 Acq: 09 Jan 2025 19:15



Tgt Ion:180 Resp: 100332
 Ion Ratio Lower Upper
 180 100
 182 93.8 76.9 115.3
 145 30.2 23.5 35.3





#71

Naphthalene

Concen: 22.485 ug/L

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD080202.D

Acq: 09 Jan 2025 19:15

Instrument :

MSVOA_D

ClientSampleId :

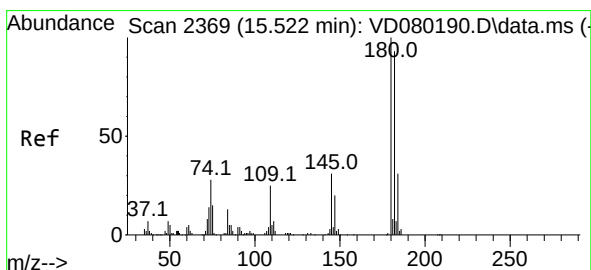
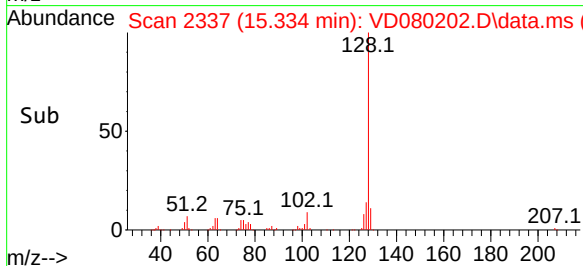
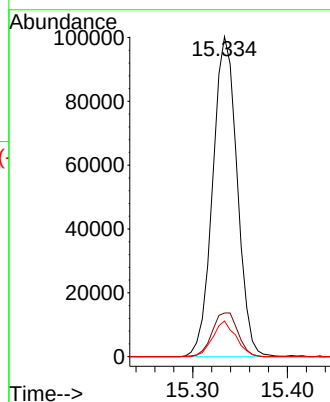
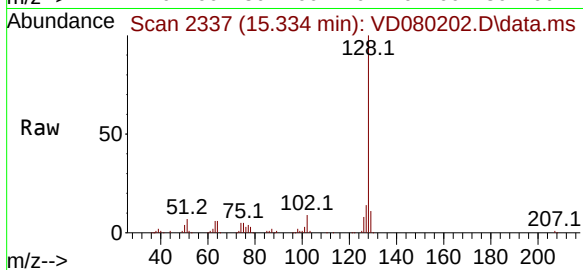
Tgt Ion:128 Resp: 179699

Ion Ratio Lower Upper

128 100

127 14.5 11.5 17.3

129 10.6 9.0 13.6



#72

1,2,3-Trichlorobenzene

Concen: 23.051 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD080202.D

Acq: 09 Jan 2025 19:15

Tgt Ion:180 Resp: 97245

Ion Ratio Lower Upper

180 100

182 95.6 74.8 112.2

145 30.9 24.2 36.4

