

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050625\
 Data File : VD080290.D
 Acq On : 06 May 2025 13:33
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: May 07 03:15:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 03:09:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	118891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	213519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	189975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	94546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.235	65	9150	5.951	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	11.900%#		
35) Dibromofluoromethane	7.806	113	7245	5.063	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.120%#		
50) Toluene-d8	10.264	98	26514	4.702	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	9.400%#		
62) 4-Bromofluorobenzene	12.570	95	7719	4.265	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	8.540%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.935	85	8702	2.696	ug/l	97
3) Chloromethane	2.153	50	17818	4.195	ug/l	92
4) Vinyl Chloride	2.282	62	19788	6.402	ug/l	95
5) Bromomethane	2.688	94	14130	6.351	ug/l	96
6) Chloroethane	2.829	64	13118	6.003	ug/l #	81
7) Trichlorofluoromethane	3.171	101	14887	6.282	ug/l	98
8) Diethyl Ether	3.594	74	4415	6.035	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.971	101	9475	6.489	ug/l	96
10) Methyl Iodide	4.165	142	7802	5.241	ug/l	98
11) Tert butyl alcohol	5.059	59	2849	30.538	ug/l #	83
12) 1,1-Dichloroethene	3.935	96	9216	6.402	ug/l	84
13) Acrolein	3.806	56	4849	29.540	ug/l	90
14) Allyl chloride	4.559	41	13349	5.896	ug/l	95
15) Acrylonitrile	5.259	53	10094	28.700	ug/l	98
16) Acetone	4.029	43	11539	32.125	ug/l	99
17) Carbon Disulfide	4.271	76	32611	6.523	ug/l	99
18) Methyl Acetate	4.571	43	6017	6.039	ug/l #	66
19) Methyl tert-butyl Ether	5.312	73	16598	5.248	ug/l	100
20) Methylene Chloride	4.800	84	14964	5.725	ug/l	92
21) trans-1,2-Dichloroethene	5.312	96	9721	6.216	ug/l #	82
22) Diisopropyl ether	6.218	45	22769	4.882	ug/l #	86
23) Vinyl Acetate	6.159	43	54716	20.143	ug/l #	93
24) 1,1-Dichloroethane	6.106	63	17176	5.853	ug/l	99
25) 2-Butanone	7.094	43	12118	28.646	ug/l	95
26) 2,2-Dichloropropane	7.076	77	13406	5.741	ug/l	95
27) cis-1,2-Dichloroethene	7.076	96	9491	5.478	ug/l	93
28) Bromochloromethane	7.429	49	8315	6.085	ug/l	92
29) Tetrahydrofuran	7.441	42	6994	25.357	ug/l	99
30) Chloroform	7.594	83	17239	5.890	ug/l	99
31) Cyclohexane	7.876	56	15557	6.228	ug/l #	80
32) 1,1,1-Trichloroethane	7.794	97	13649	5.716	ug/l	98
36) 1,1-Dichloropropene	8.006	75	11045	5.164	ug/l	93
37) Ethyl Acetate	7.176	43	5987	5.367	ug/l #	90
38) Carbon Tetrachloride	7.988	117	11256	5.046	ug/l	97
39) Methylcyclohexane	9.270	83	11974	4.825	ug/l	96
40) Benzene	8.247	78	35294	5.267	ug/l	100

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 ClientSampleId :
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Quant Time: May 07 03:15:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 03:09:55 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	3543	5.725	ug/l #	86
42) 1,2-Dichloroethane	8.323	62	10431	5.372	ug/l	95
43) Isopropyl Acetate	8.359	43	9983	4.922	ug/l #	75
44) Trichloroethene	9.023	130	8290	5.329	ug/l	87
45) 1,2-Dichloropropane	9.311	63	8621	5.016	ug/l	95
46) Dibromomethane	9.394	93	4497	4.806	ug/l	92
47) Bromodichloromethane	9.582	83	12295	5.177	ug/l #	92
48) Methyl methacrylate	9.388	41	3678	3.817	ug/l	89
49) 1,4-Dioxane	9.382	88	1116	100.311	ug/l #	78
51) 4-Methyl-2-Pentanone	10.153	43	22476	21.509	ug/l	99
52) Toluene	10.335	92	18781	4.652	ug/l	98
53) t-1,3-Dichloropropene	10.553	75	10630	4.909	ug/l	97
54) cis-1,3-Dichloropropene	10.017	75	12084	4.816	ug/l	92
55) 1,1,2-Trichloroethane	10.729	97	6301	5.091	ug/l	92
56) Ethyl methacrylate	10.594	69	5870	3.914	ug/l #	82
57) 1,3-Dichloropropane	10.876	76	9918	4.821	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.870	63	12258	19.970	ug/l	96
59) 2-Hexanone	10.923	43	16540	23.010	ug/l	94
60) Dibromochloromethane	11.070	129	7537	4.859	ug/l	90
61) 1,2-Dibromoethane	11.182	107	5762	5.020	ug/l	99
64) Tetrachloroethene	10.805	164	6842	5.318	ug/l	94
65) Chlorobenzene	11.605	112	23604	5.503	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.682	131	7434	5.044	ug/l	93
67) Ethyl Benzene	11.682	91	33412	4.661	ug/l	97
68) m/p-Xylenes	11.794	106	25055	9.002	ug/l	97
69) o-Xylene	12.117	106	11452	4.503	ug/l	99
70) Styrene	12.135	104	20231	4.430	ug/l	96
71) Bromoform	12.294	173	4510	5.151	ug/l #	100
73) Isopropylbenzene	12.423	105	30167	4.919	ug/l	99
74) N-amyl acetate	12.229	43	9157	5.202	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.670	83	7592	5.629	ug/l	93
76) 1,2,3-Trichloropropane	12.723	75	8606	8.579	ug/l #	100
77) Bromobenzene	12.700	156	8476	5.328	ug/l	93
78) n-propylbenzene	12.758	91	36671	4.765	ug/l	98
79) 2-Chlorotoluene	12.847	91	22451	5.015	ug/l	95
80) 1,3,5-Trimethylbenzene	12.900	105	24517	4.687	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.470	75	2485	5.169	ug/l	96
82) 4-Chlorotoluene	12.947	91	25557	5.289	ug/l	100
83) tert-Butylbenzene	13.164	119	20744	4.752	ug/l	98
84) 1,2,4-Trimethylbenzene	13.211	105	24355	4.551	ug/l	98
85) sec-Butylbenzene	13.341	105	32212	4.785	ug/l	98
86) p-Isopropyltoluene	13.458	119	25141	4.444	ug/l	96
87) 1,3-Dichlorobenzene	13.458	146	17707	5.337	ug/l	97
88) 1,4-Dichlorobenzene	13.535	146	19650	5.875	ug/l	93
89) n-Butylbenzene	13.788	91	27132	4.940	ug/l	97
90) Hexachloroethane	14.052	117	7141	5.705	ug/l	98
91) 1,2-Dichlorobenzene	13.829	146	15854	5.501	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.452	75	1166	5.425	ug/l	97
93) 1,2,4-Trichlorobenzene	15.099	180	10754	5.933	ug/l	97
94) Hexachlorobutadiene	15.199	225	5697	6.042	ug/l	95
95) Naphthalene	15.323	128	19134	5.622	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	9263	5.714	ug/l	99

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Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

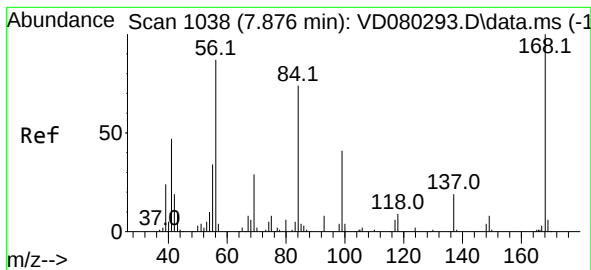
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Quant Title : SW846 8260
QLast Update : Wed May 07 03:09:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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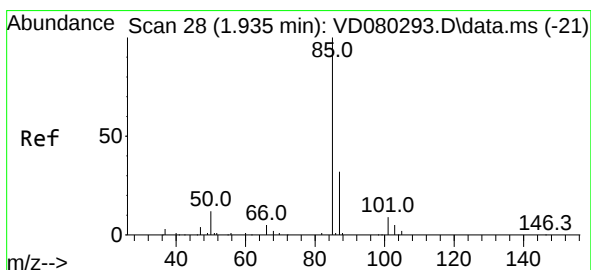
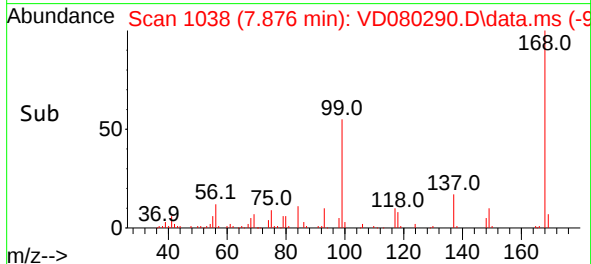
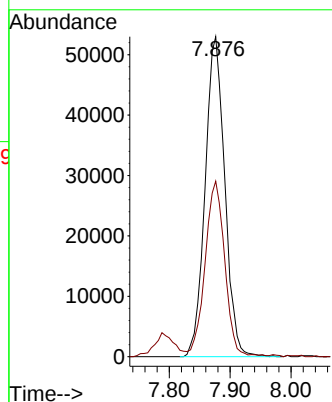
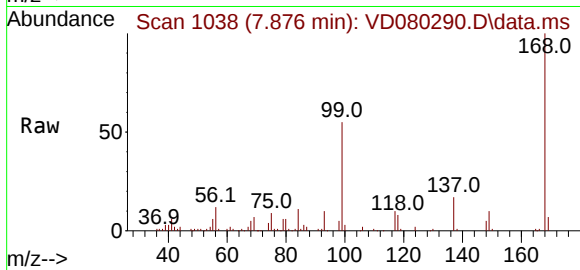




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

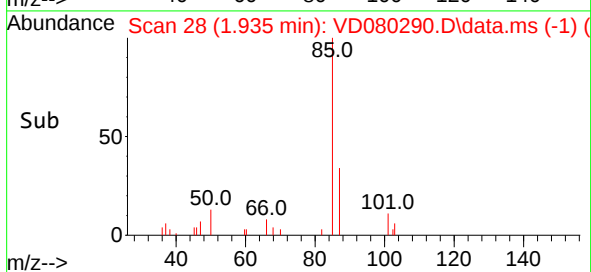
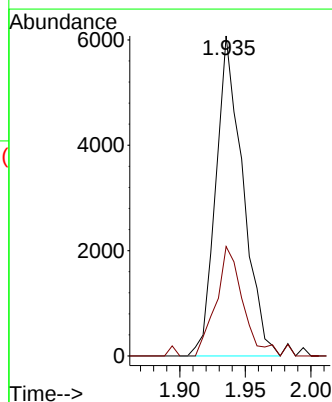
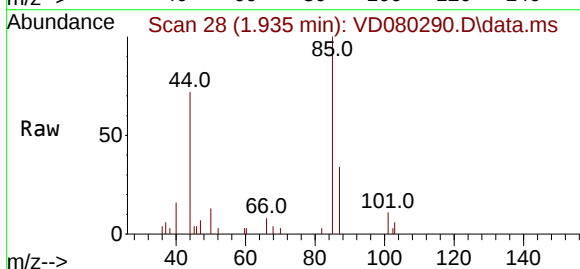
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

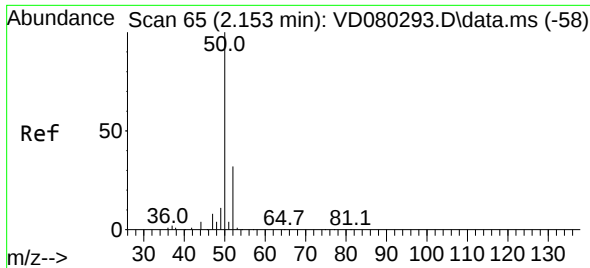
Tgt Ion:168 Resp: 118891
Ion Ratio Lower Upper
168 100
99 54.5 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 2.696 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion: 85 Resp: 8702
Ion Ratio Lower Upper
85 100
87 34.2 16.2 48.6

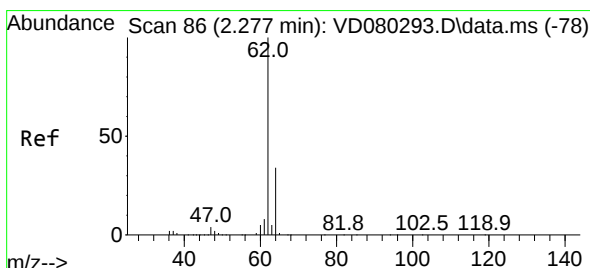
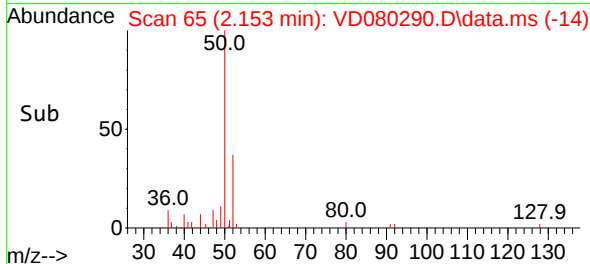
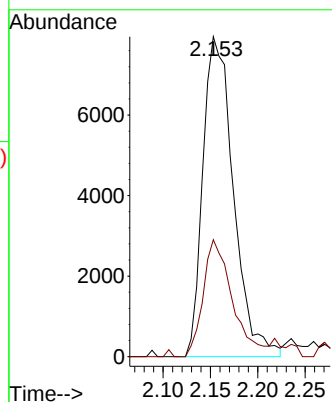
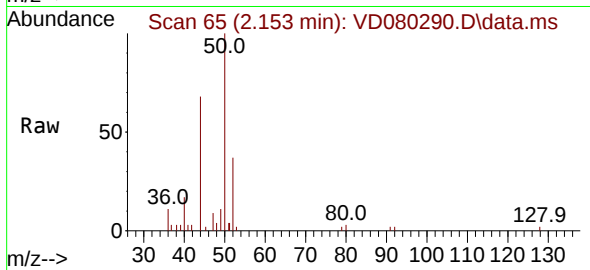




#3
Chloromethane
Concen: 4.195 ug/l
RT: 2.153 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

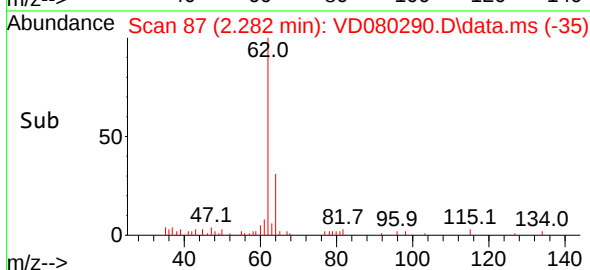
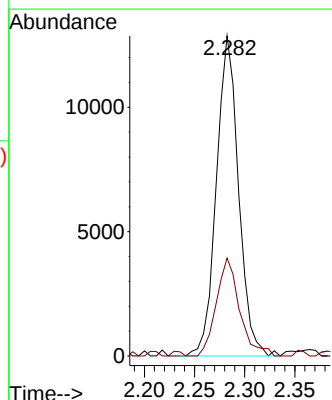
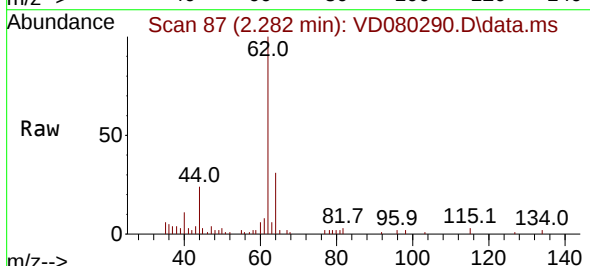
Instrument :
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ClientSampleId :
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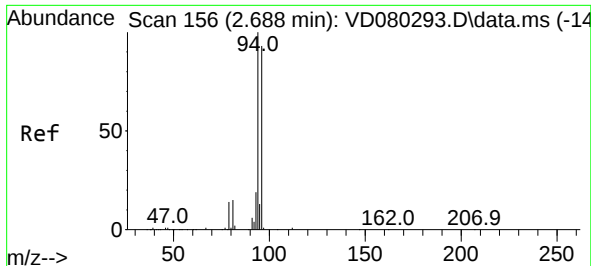
Tgt Ion: 50 Resp: 17818
Ion Ratio Lower Upper
50 100
52 36.5 25.7 38.5



#4
Vinyl Chloride
Concen: 6.402 ug/l
RT: 2.282 min Scan# 87
Delta R.T. 0.006 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion: 62 Resp: 19788
Ion Ratio Lower Upper
62 100
64 30.6 26.9 40.3

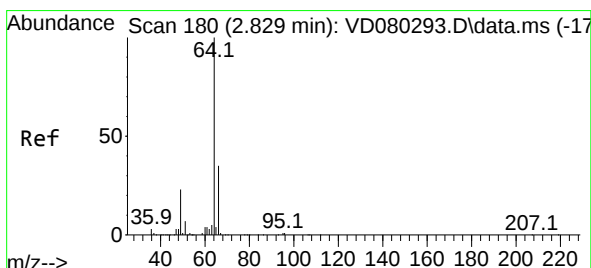
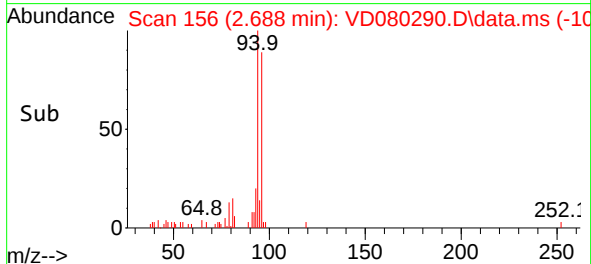
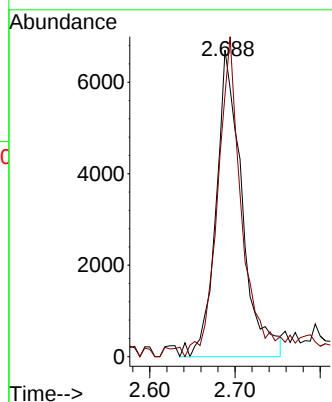
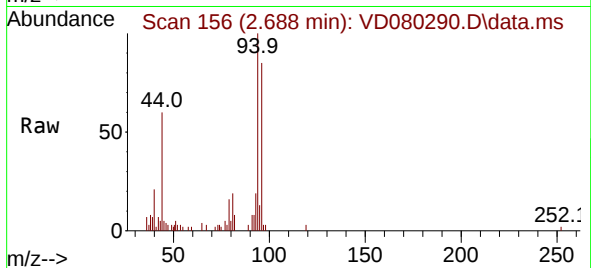




#5
Bromomethane
Concen: 6.351 ug/l
RT: 2.688 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

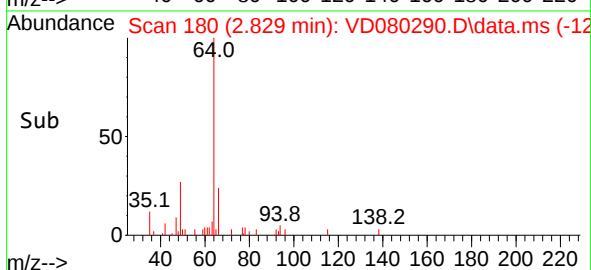
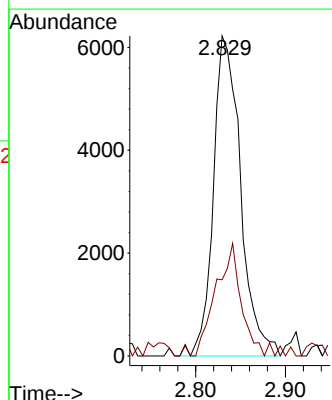
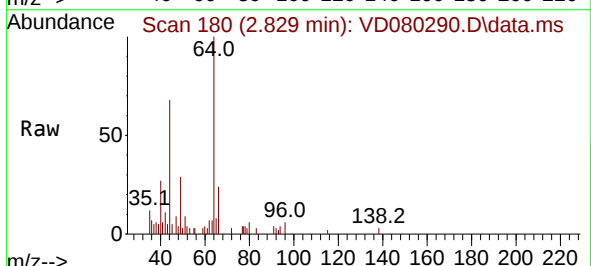
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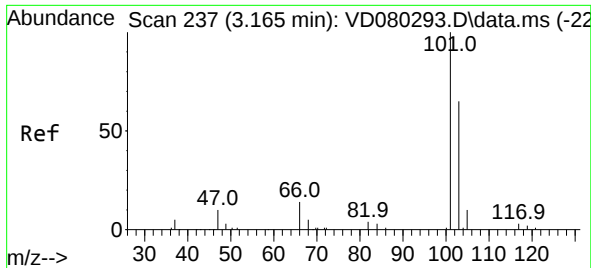
Tgt Ion: 94 Resp: 14130
Ion Ratio Lower Upper
94 100
96 97.4 74.6 112.0



#6
Chloroethane
Concen: 6.003 ug/l
RT: 2.829 min Scan# 180
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion: 64 Resp: 13118
Ion Ratio Lower Upper
64 100
66 23.8 27.7 41.5#

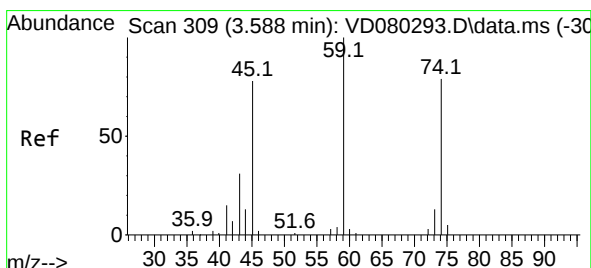
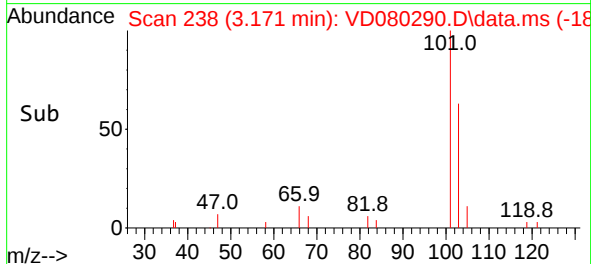
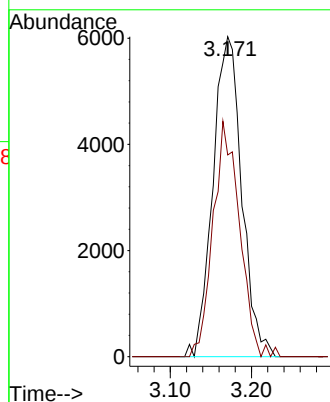
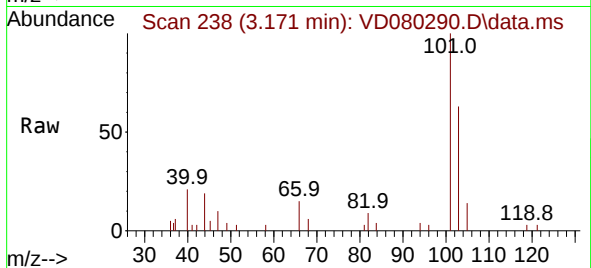




#7
 Trichlorofluoromethane
 Concen: 6.282 ug/l
 RT: 3.171 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD080290.D
 Acq: 06 May 2025 13:33

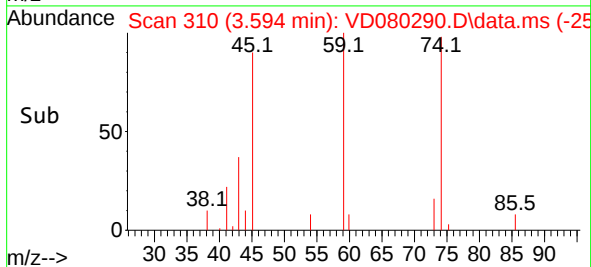
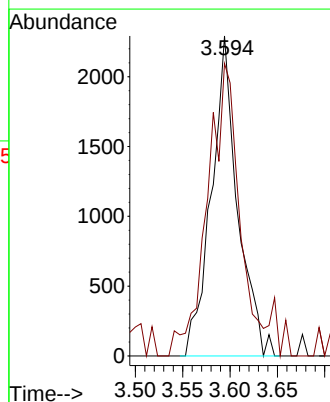
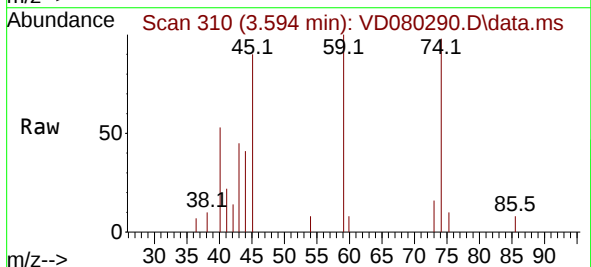
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

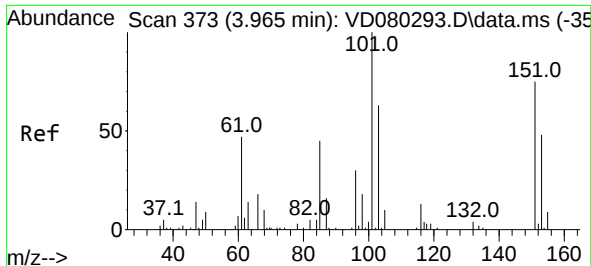
Tgt Ion:101 Resp: 14887
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.8 77.8



#8
 Diethyl Ether
 Concen: 6.035 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VD080290.D
 Acq: 06 May 2025 13:33

Tgt Ion: 74 Resp: 4415
 Ion Ratio Lower Upper
 74 100
 45 110.7 53.1 159.4

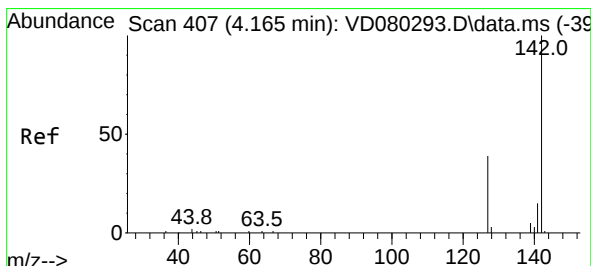
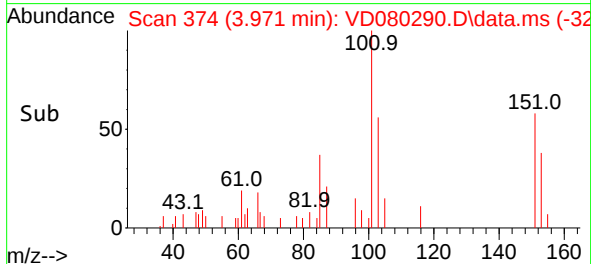
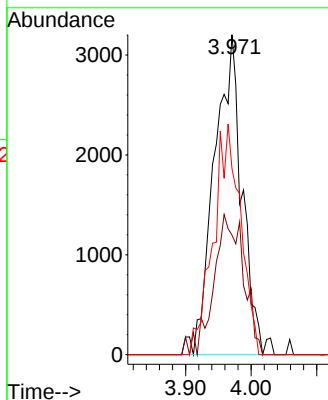
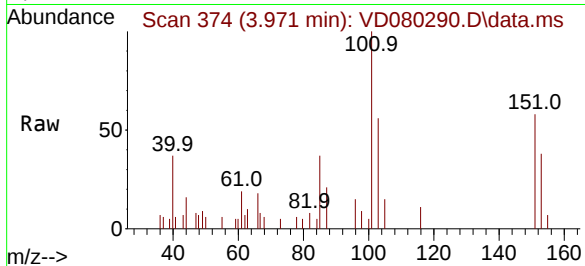




#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.489 ug/l
RT: 3.971 min Scan# 374
Delta R.T. 0.006 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

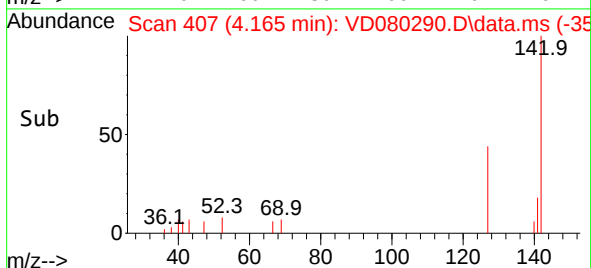
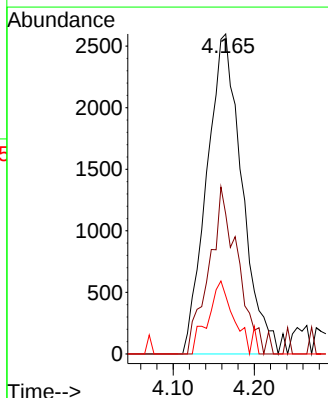
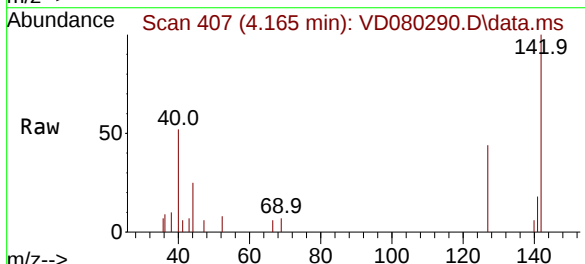
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

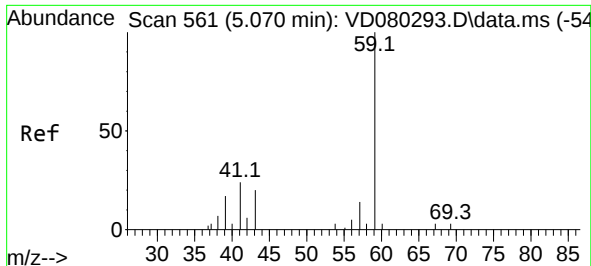
Tgt Ion:101 Resp: 9475
Ion Ratio Lower Upper
101 100
85 46.1 35.5 53.3
151 70.3 59.0 88.6



#10
Methyl Iodide
Concen: 5.241 ug/l
RT: 4.165 min Scan# 407
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion:142 Resp: 7802
Ion Ratio Lower Upper
142 100
127 43.6 34.6 52.0
141 17.3 12.2 18.4

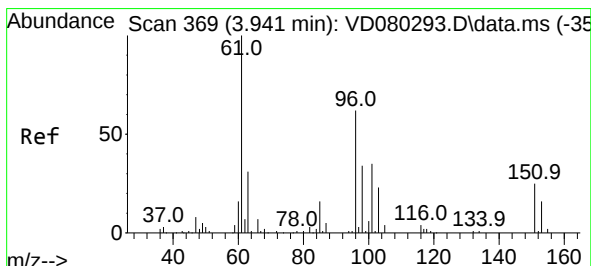
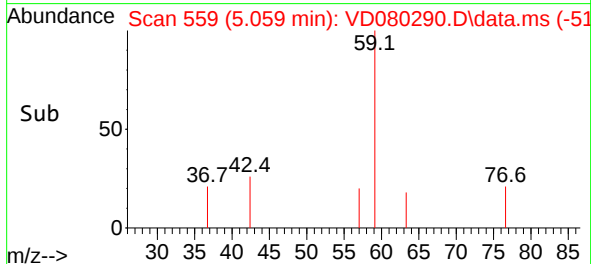
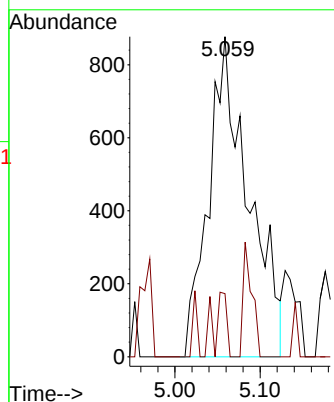
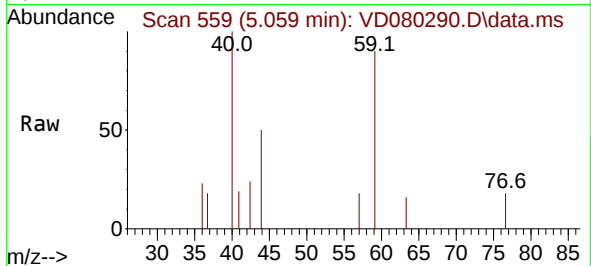




#11
Tert butyl alcohol
Concen: 30.538 ug/l
RT: 5.059 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

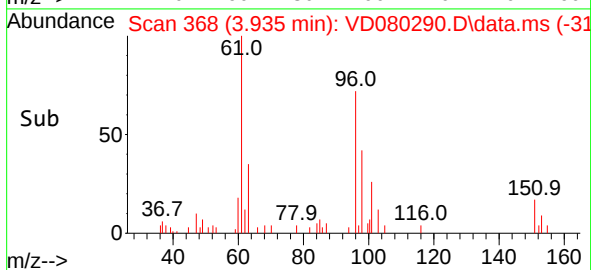
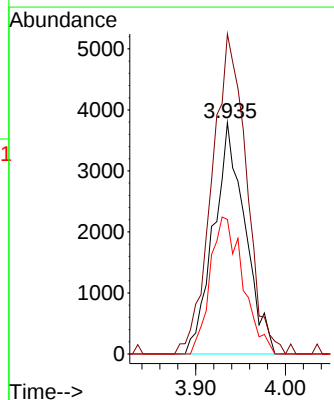
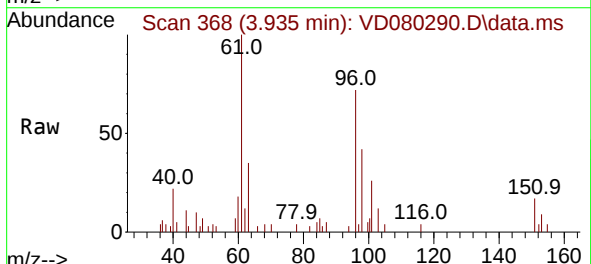
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

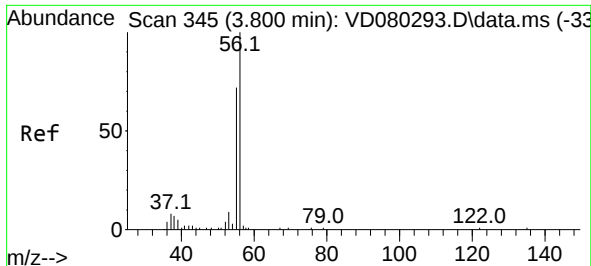
Tgt Ion: 59 Resp: 2849
Ion Ratio Lower Upper
59 100
57 6.4 10.6 16.0#



#12
1,1-Dichloroethene
Concen: 6.402 ug/l
RT: 3.935 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion: 96 Resp: 9216
Ion Ratio Lower Upper
96 100
61 134.3 128.2 192.2
98 58.2 43.9 65.9

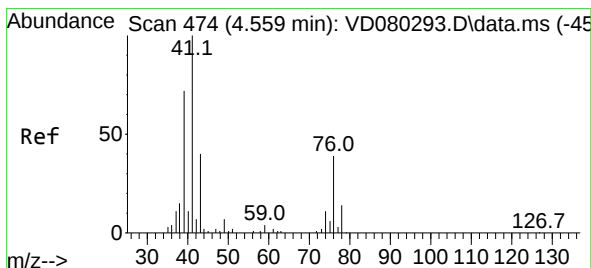
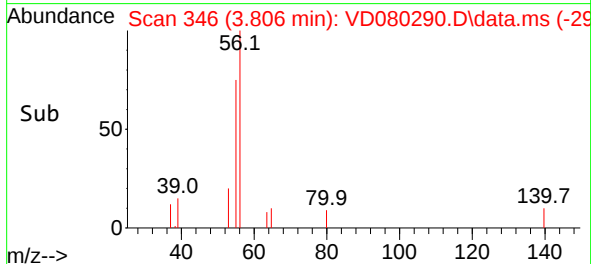
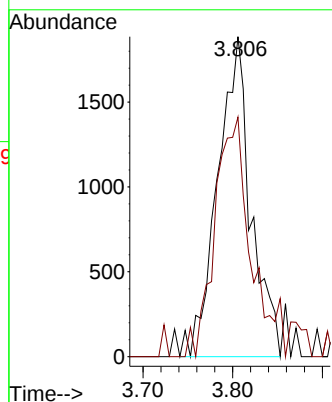
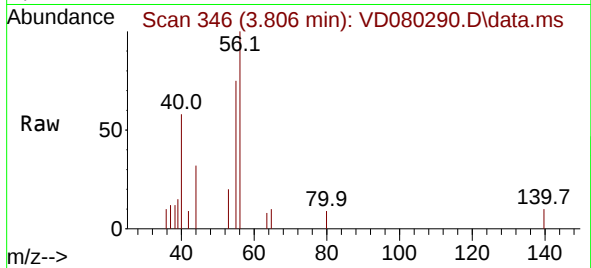




#13
Acrolein
Concen: 29.540 ug/l
RT: 3.806 min Scan# 345
Delta R.T. 0.006 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

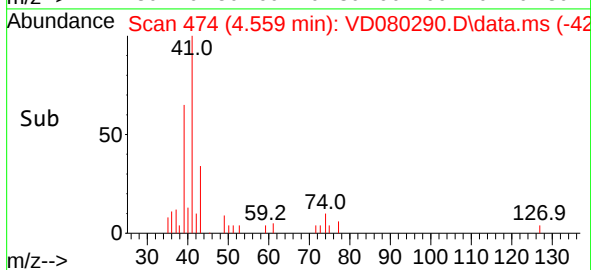
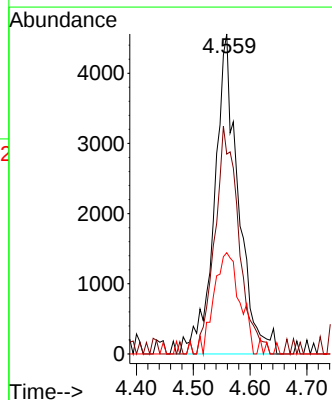
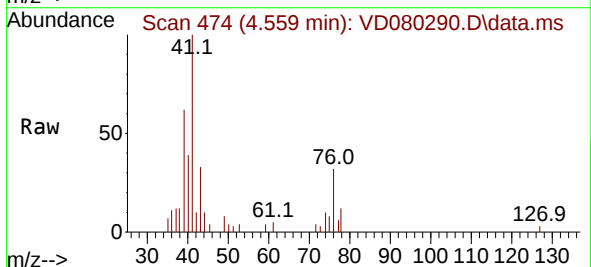
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

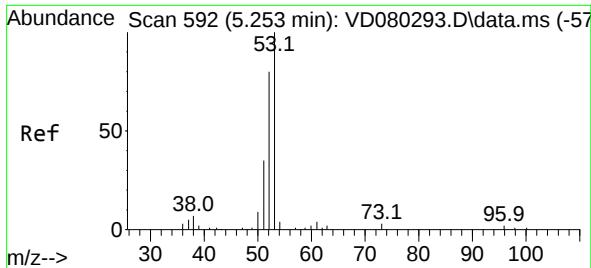
Tgt Ion: 56 Resp: 4849
Ion Ratio Lower Upper
56 100
55 80.5 57.4 86.2



#14
Allyl chloride
Concen: 5.896 ug/l
RT: 4.559 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion: 41 Resp: 13349
Ion Ratio Lower Upper
41 100
39 71.1 53.0 79.4
76 34.2 28.8 43.2

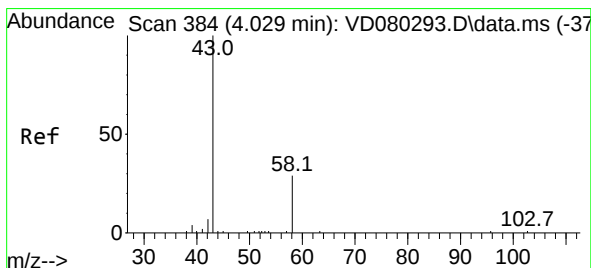
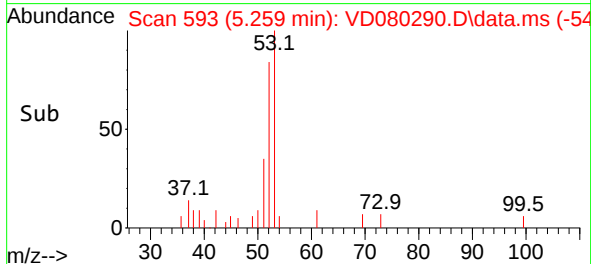
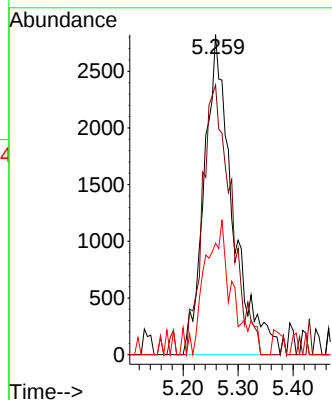
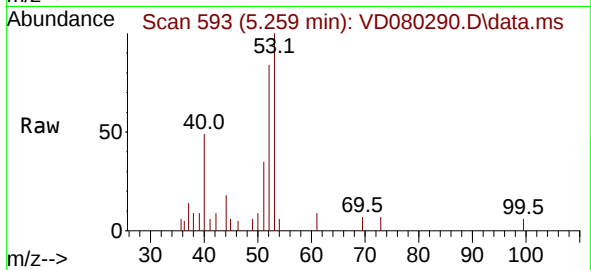




#15
Acrylonitrile
Concen: 28.700 ug/l
RT: 5.259 min Scan# 593
Delta R.T. 0.006 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

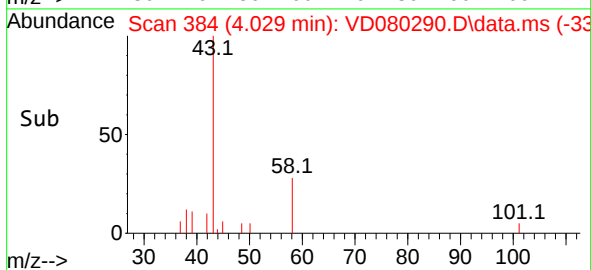
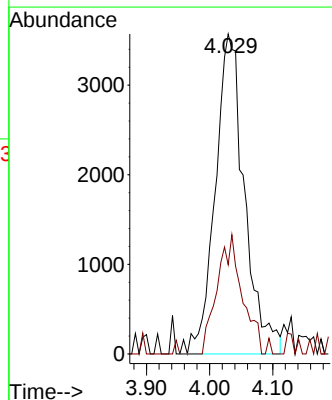
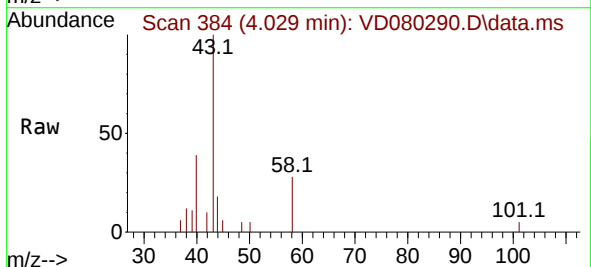
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

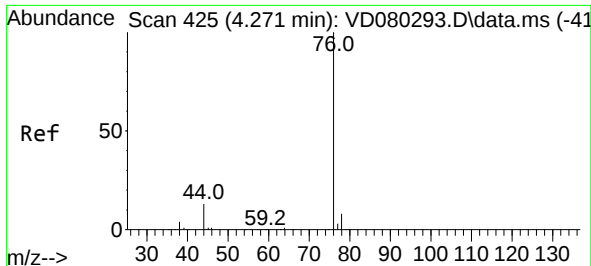
Tgt Ion: 53	Resp: 10094
Ion Ratio	Lower Upper
53	100
52	85.4 67.3 100.9
51	35.6 30.4 45.6



#16
Acetone
Concen: 32.125 ug/l
RT: 4.029 min Scan# 384
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion: 43	Resp: 11539
Ion Ratio	Lower Upper
43	100
58	27.9 22.9 34.3

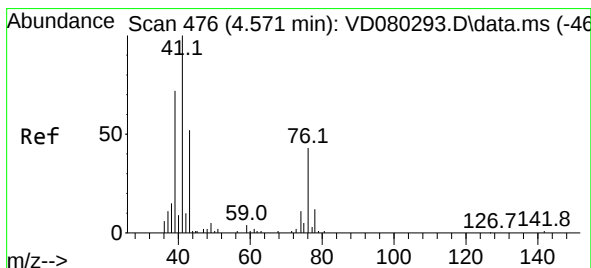
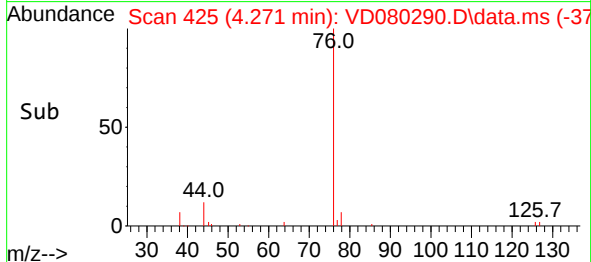
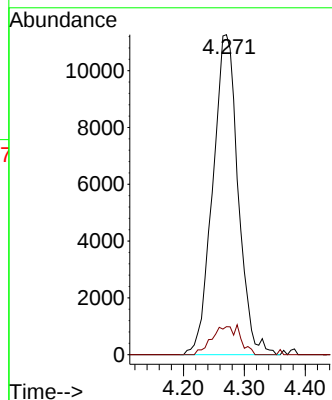
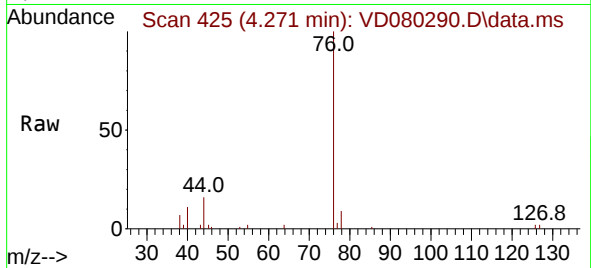




#17
Carbon Disulfide
Concen: 6.523 ug/l
RT: 4.271 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

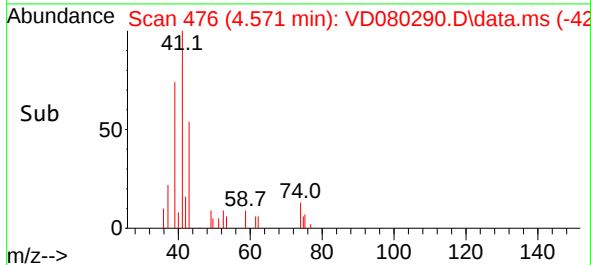
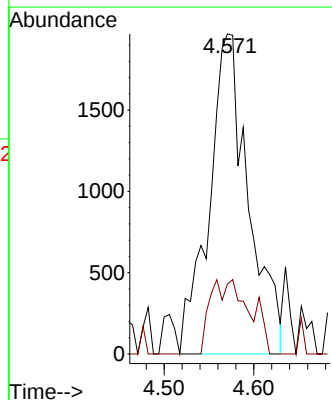
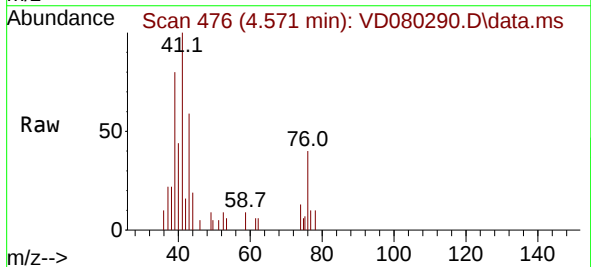
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

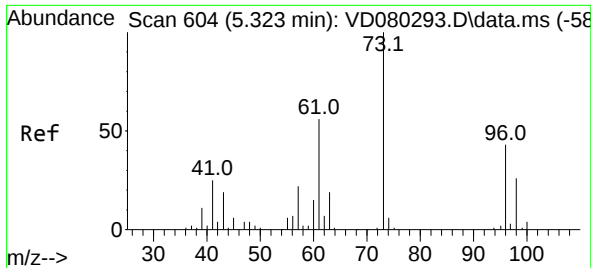
Tgt Ion: 76 Resp: 32611
Ion Ratio Lower Upper
76 100
78 8.8 6.6 10.0



#18
Methyl Acetate
Concen: 6.039 ug/l
RT: 4.571 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion: 43 Resp: 6017
Ion Ratio Lower Upper
43 100
74 8.3 20.4 30.6#

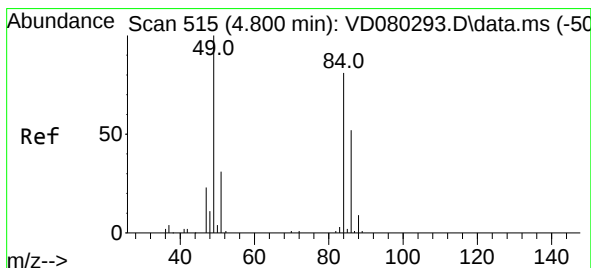
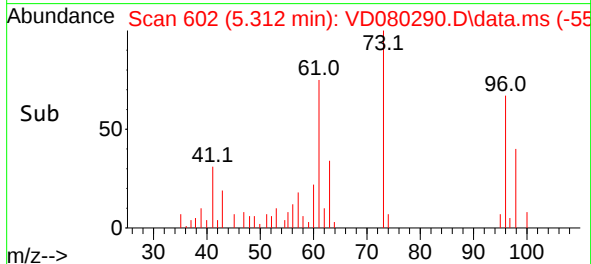
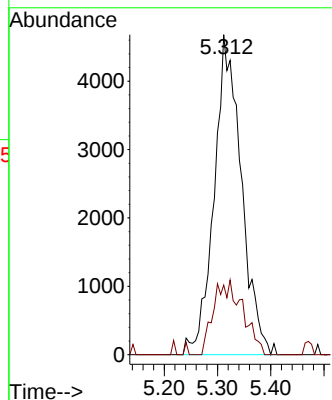
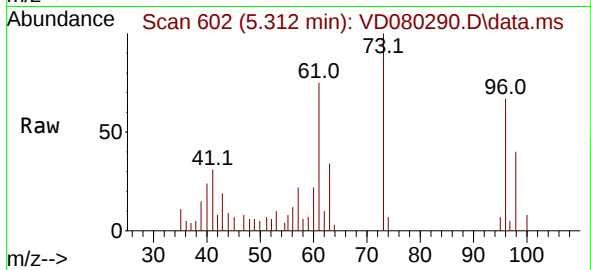




#19
Methyl tert-butyl Ether
Concen: 5.248 ug/l
RT: 5.312 min Scan# 604
Delta R.T. -0.012 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

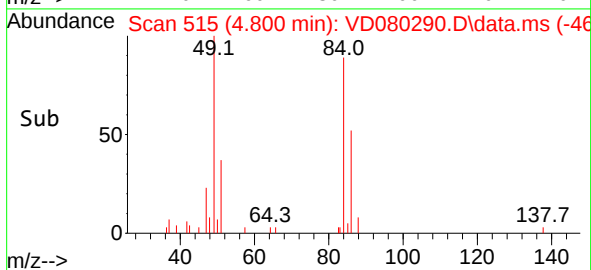
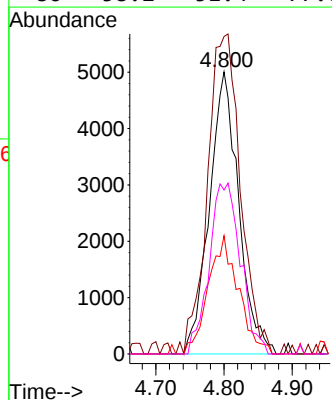
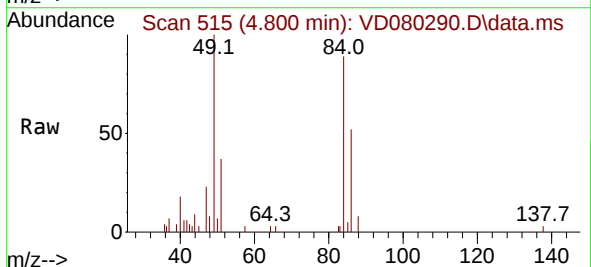
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

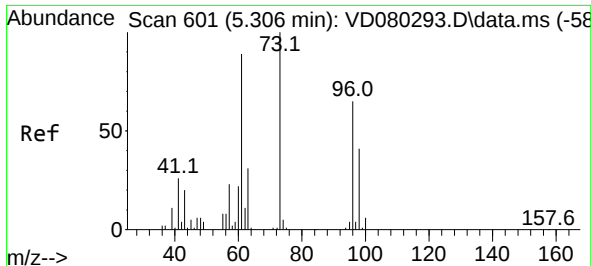
Tgt Ion: 73 Resp: 16598
Ion Ratio Lower Upper
73 100
57 21.8 17.5 26.3



#20
Methylene Chloride
Concen: 5.725 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion: 84 Resp: 14964
Ion Ratio Lower Upper
84 100
49 112.5 98.7 148.1
51 41.9 30.8 46.2
86 58.2 51.4 77.0

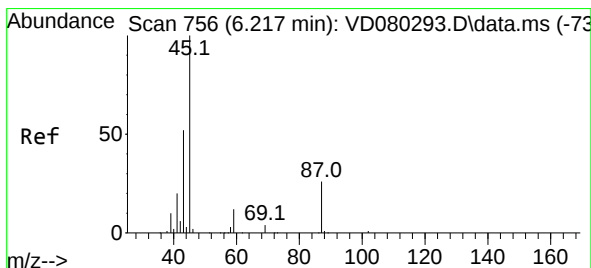
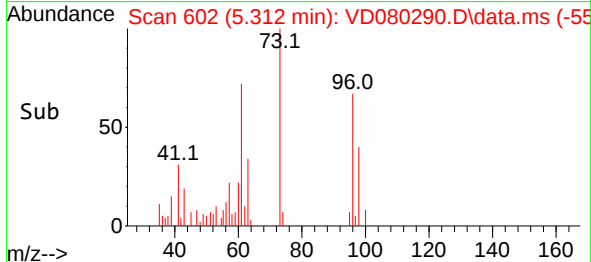
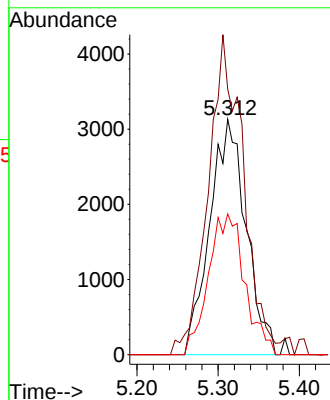
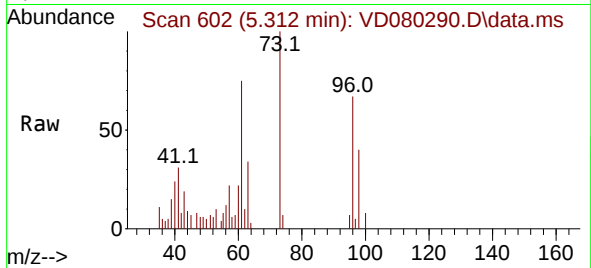




#21
trans-1,2-Dichloroethene
Concen: 6.216 ug/l
RT: 5.312 min Scan# 601
Delta R.T. 0.006 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

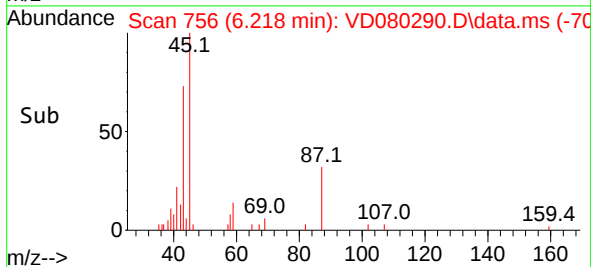
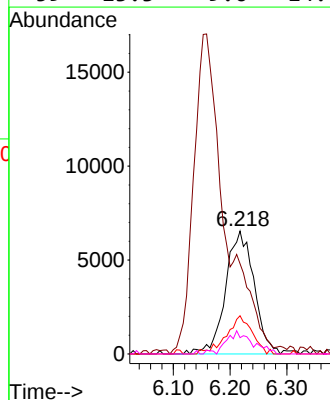
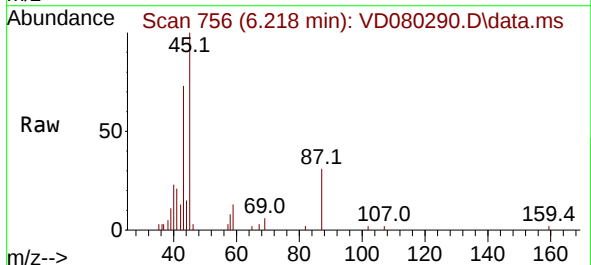
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

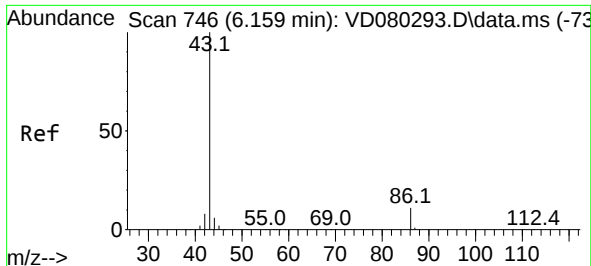
Tgt Ion: 96 Resp: 9721
Ion Ratio Lower Upper
96 100
61 107.8 109.9 164.9#
98 59.8 50.6 75.8



#22
Diisopropyl ether
Concen: 4.882 ug/l
RT: 6.218 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion: 45 Resp: 22769
Ion Ratio Lower Upper
45 100
43 67.2 42.5 63.7#
87 31.1 21.4 32.0
59 13.3 9.6 14.4

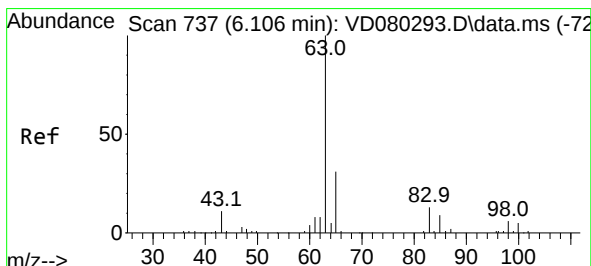
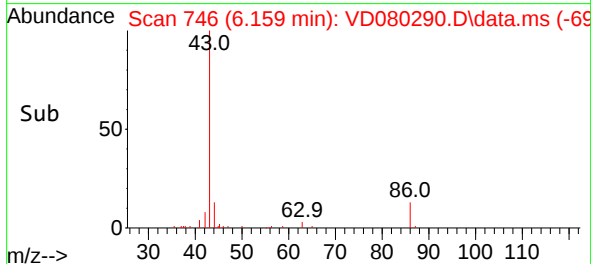
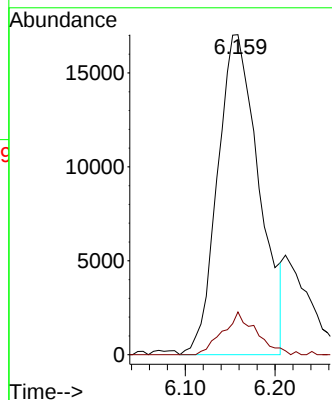
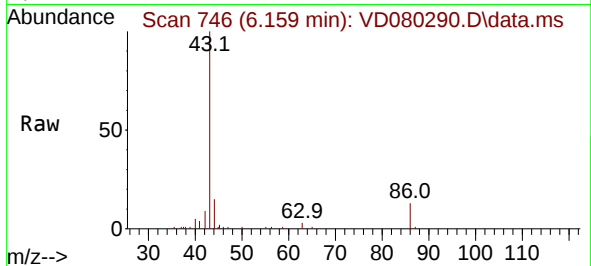




#23
 Vinyl Acetate
 Concen: 20.143 ug/l
 RT: 6.159 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD080290.D
 Acq: 06 May 2025 13:33

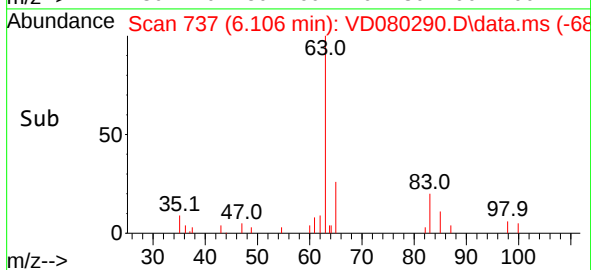
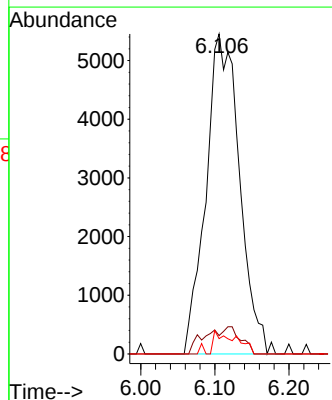
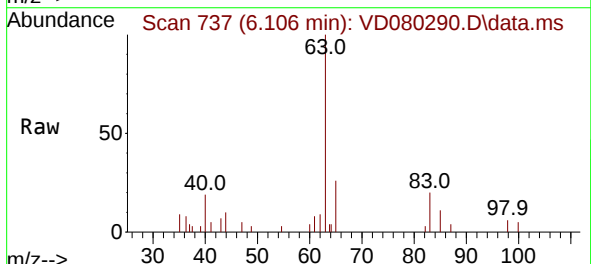
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

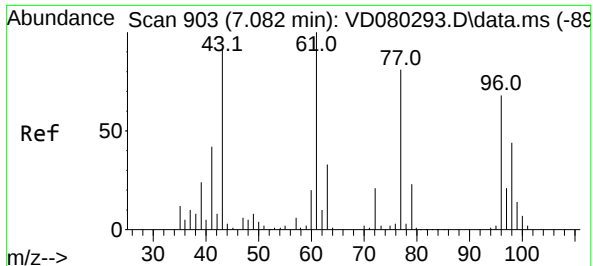
Tgt Ion: 43 Resp: 54716
 Ion Ratio Lower Upper
 43 100
 86 13.3 8.6 12.8#



#24
 1,1-Dichloroethane
 Concen: 5.853 ug/l
 RT: 6.106 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: VD080290.D
 Acq: 06 May 2025 13:33

Tgt Ion: 63 Resp: 17176
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.1 9.3
 100 4.8 2.3 6.9





#25

2-Butanone

Concen: 28.646 ug/l

RT: 7.094 min Scan# 905

Delta R.T. 0.012 min

Lab File: VD080290.D

Acq: 06 May 2025 13:33

Instrument :

MSVOA_D

ClientSampleId :

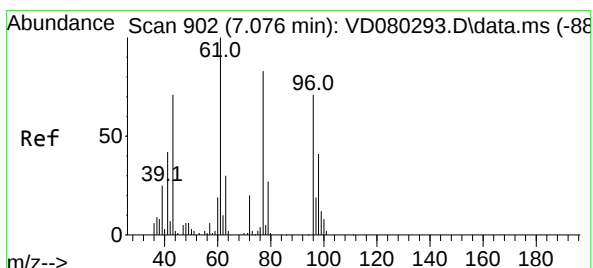
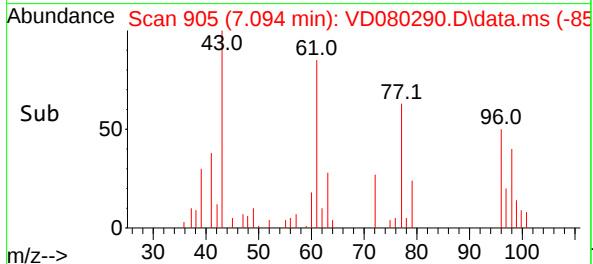
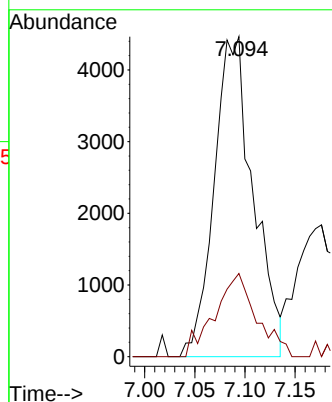
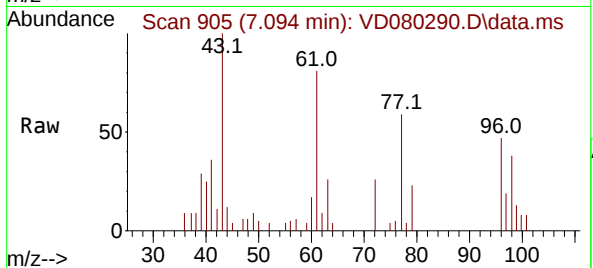
VSTDICC005

Tgt Ion: 43 Resp: 12118

Ion Ratio Lower Upper

43 100

72 26.0 19.0 28.4



#26

2,2-Dichloropropane

Concen: 5.741 ug/l

RT: 7.076 min Scan# 902

Delta R.T. 0.000 min

Lab File: VD080290.D

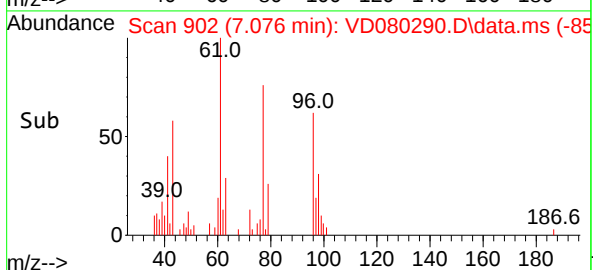
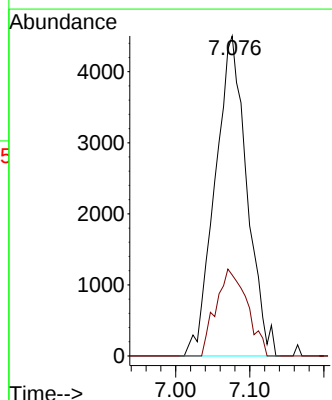
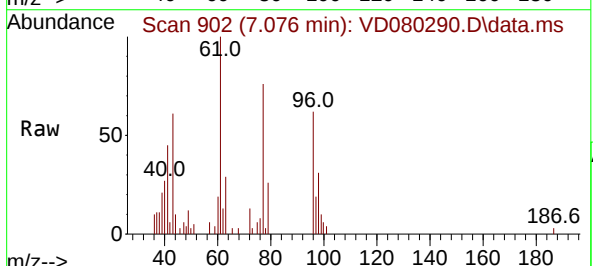
Acq: 06 May 2025 13:33

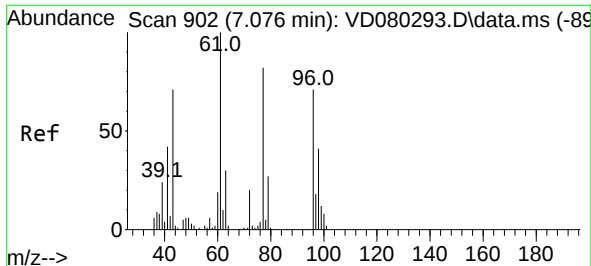
Tgt Ion: 77 Resp: 13406

Ion Ratio Lower Upper

77 100

97 26.6 12.0 36.1

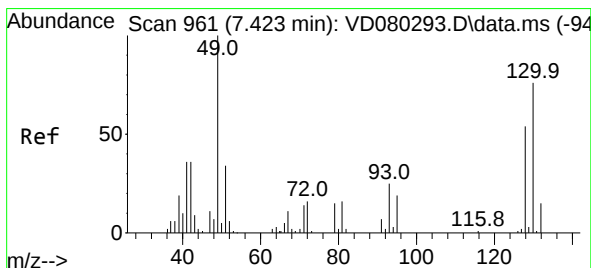
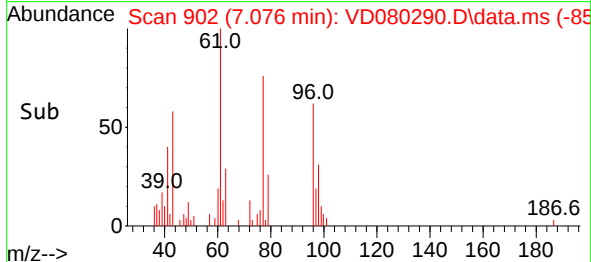
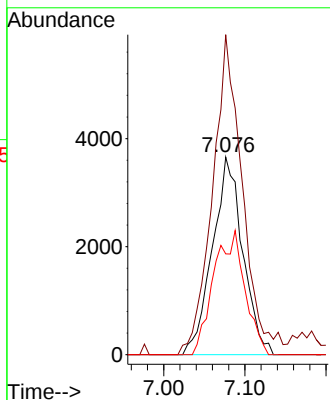
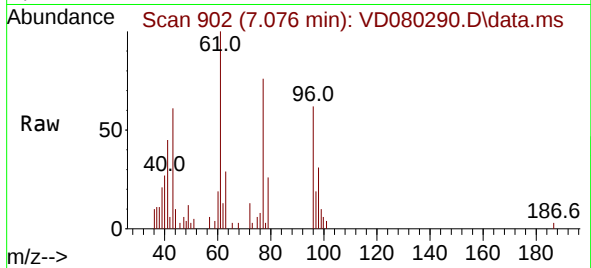




#27
 cis-1,2-Dichloroethene
 Concen: 5.478 ug/l
 RT: 7.076 min Scan# 902
 Delta R.T. 0.000 min
 Lab File: VD080290.D
 Acq: 06 May 2025 13:33

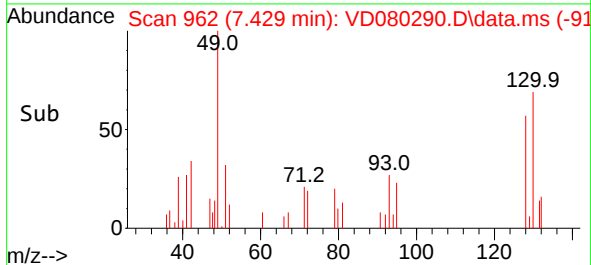
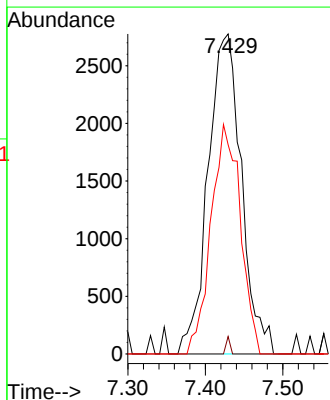
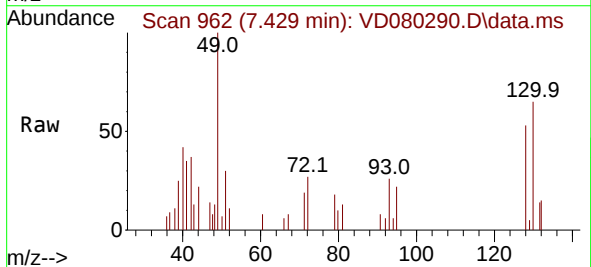
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

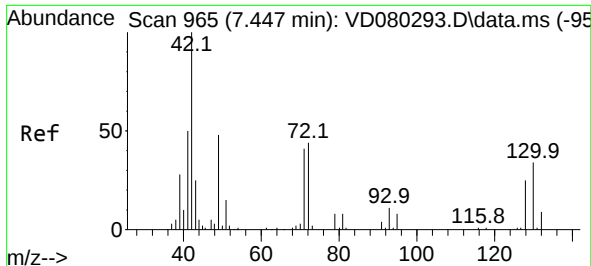
Tgt Ion:	96	Resp:	9491
Ion	Ratio	Lower	Upper
96	100		
61	160.3	0.0	293.8
98	64.5	0.0	128.8



#28
 Bromochloromethane
 Concen: 6.085 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.006 min
 Lab File: VD080290.D
 Acq: 06 May 2025 13:33

Tgt Ion:	49	Resp:	8315
Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	4.0
130	62.9	56.0	84.0





#29

Tetrahydrofuran

Concen: 25.357 ug/l

RT: 7.441 min Scan# 964

Delta R.T. -0.006 min

Lab File: VD080290.D

Acq: 06 May 2025 13:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

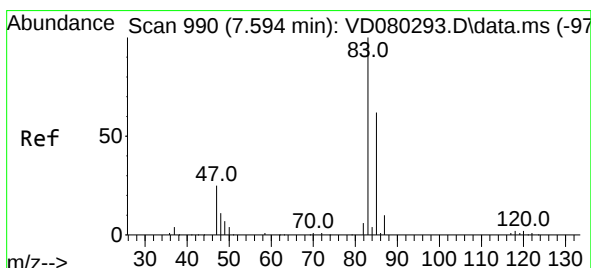
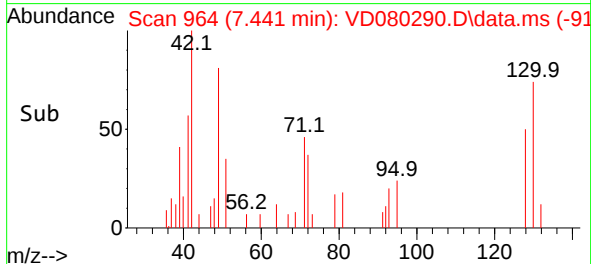
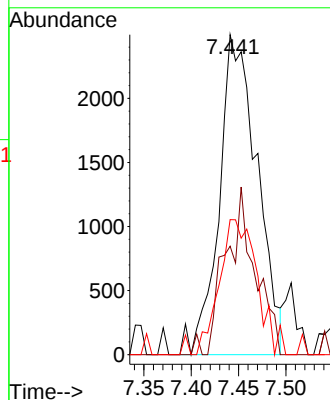
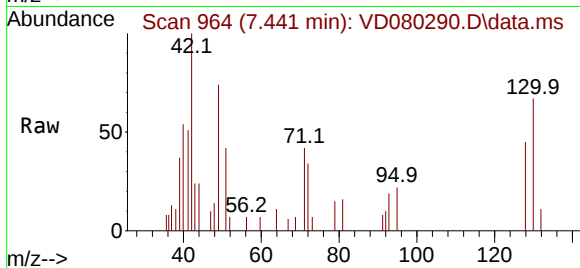
Tgt Ion: 42 Resp: 6994

Ion Ratio Lower Upper

42 100

72 40.3 32.8 49.2

71 41.7 33.8 50.6



#30

Chloroform

Concen: 5.890 ug/l

RT: 7.594 min Scan# 990

Delta R.T. 0.000 min

Lab File: VD080290.D

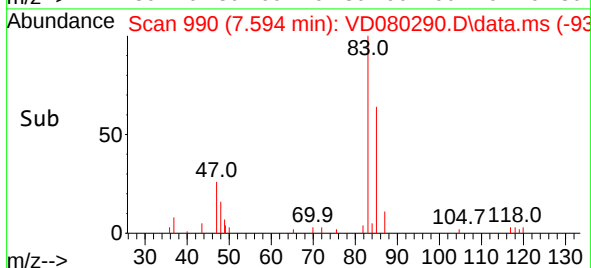
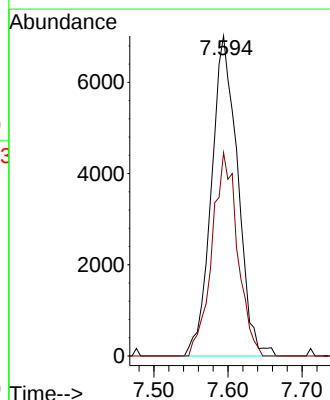
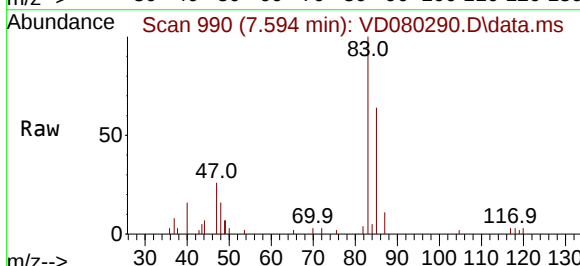
Acq: 06 May 2025 13:33

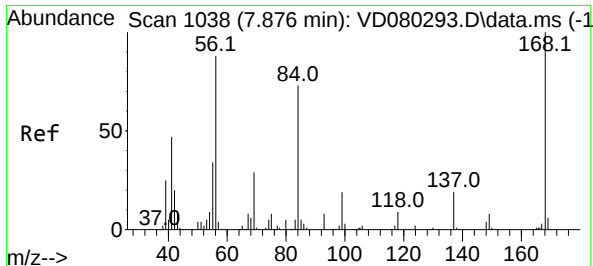
Tgt Ion: 83 Resp: 17239

Ion Ratio Lower Upper

83 100

85 63.5 50.0 75.0

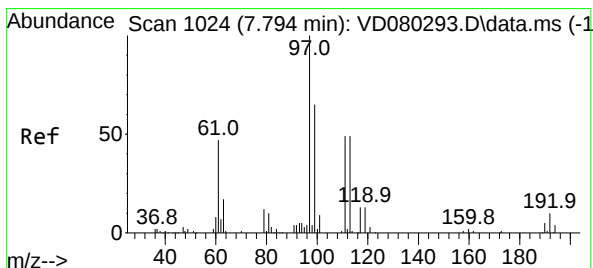
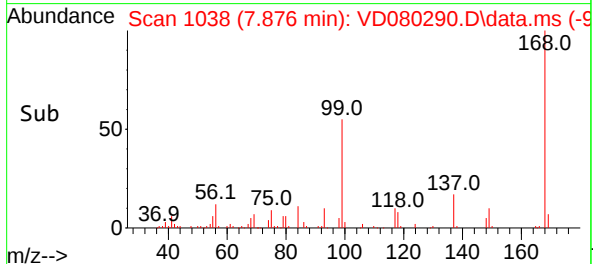
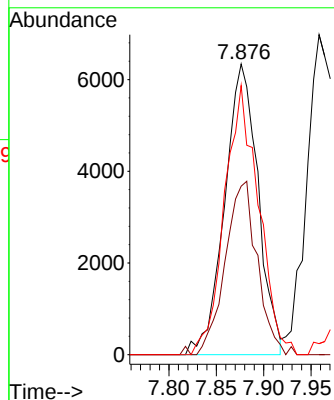
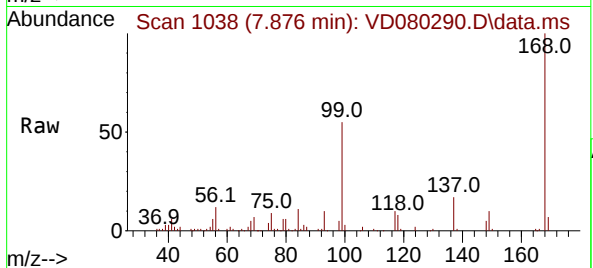




#31
Cyclohexane
Concen: 6.228 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

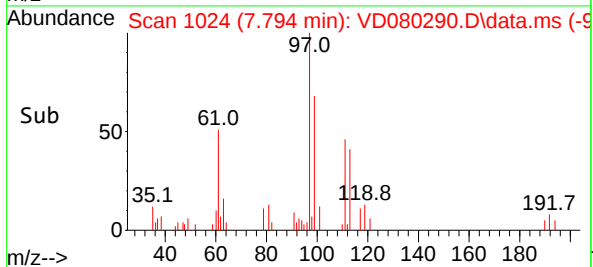
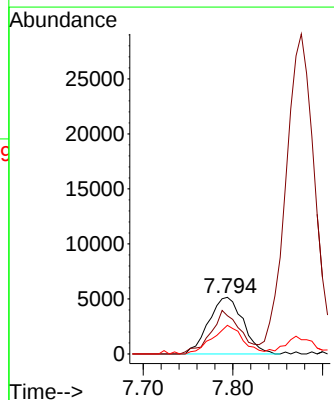
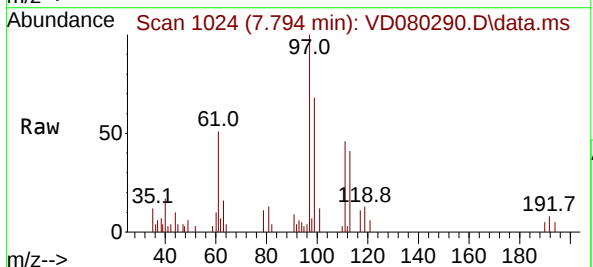
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

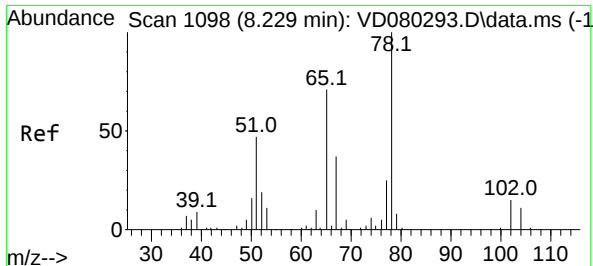
Tgt Ion: 56 Resp: 15557
Ion Ratio Lower Upper
56 100
69 57.9 26.1 39.1#
84 92.6 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 5.716 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion: 97 Resp: 13649
Ion Ratio Lower Upper
97 100
99 66.6 52.4 78.6
61 45.2 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 5.951 ug/l

RT: 8.235 min Scan# 1099

Delta R.T. 0.006 min

Lab File: VD080290.D

Acq: 06 May 2025 13:33

Instrument :

MSVOA_D

ClientSampleId :

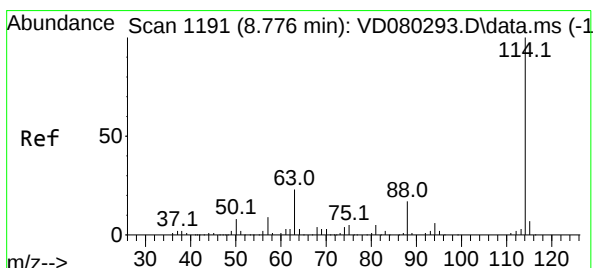
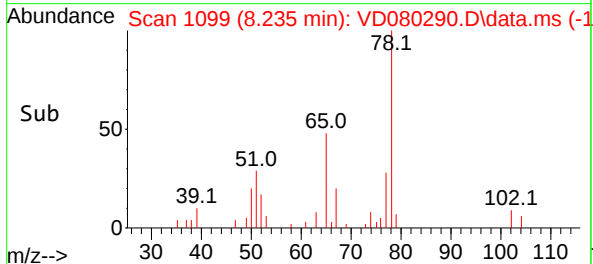
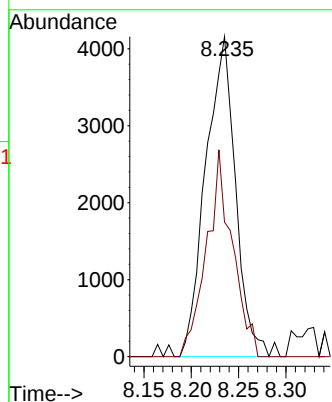
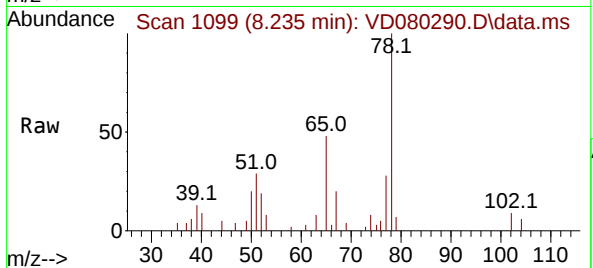
VSTDIC005

Tgt Ion: 65 Resp: 9150

Ion Ratio Lower Upper

65 100

67 55.8 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080290.D

Acq: 06 May 2025 13:33

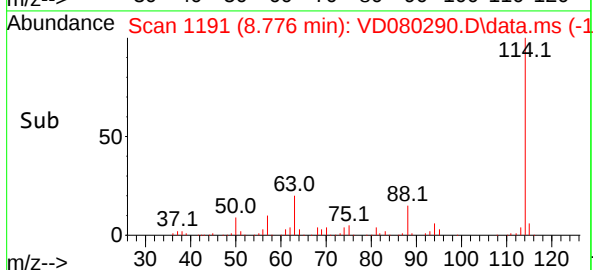
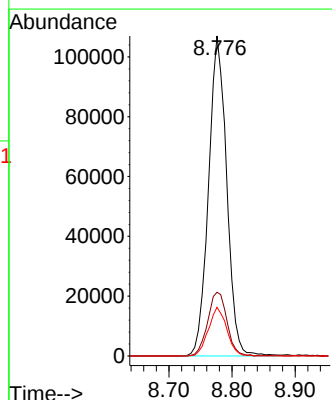
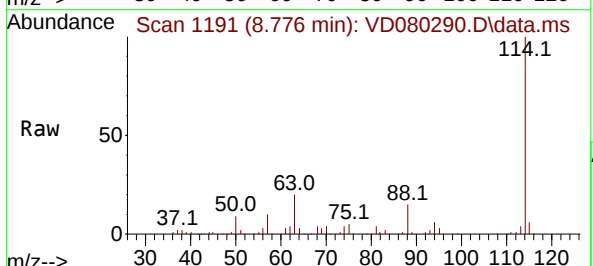
Tgt Ion: 114 Resp: 213519

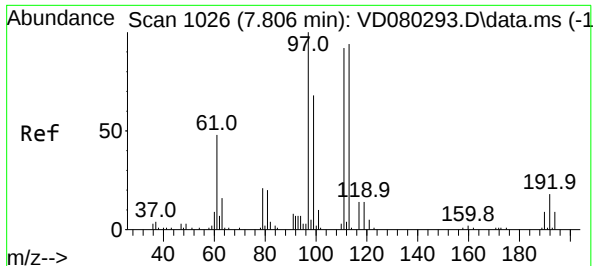
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.6

88 15.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 5.063 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080290.D

Acq: 06 May 2025 13:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

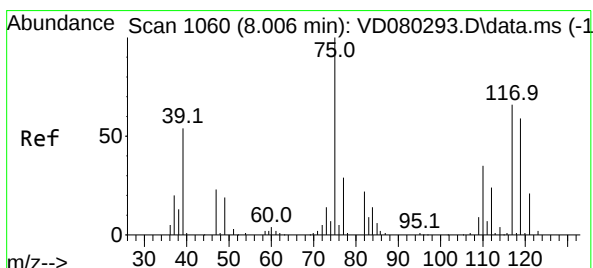
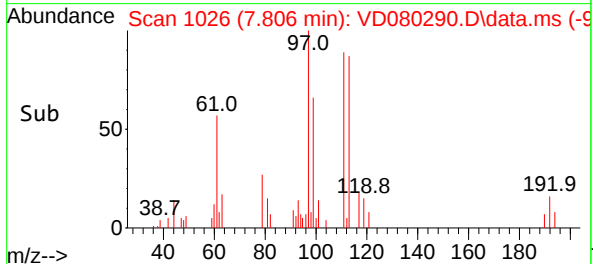
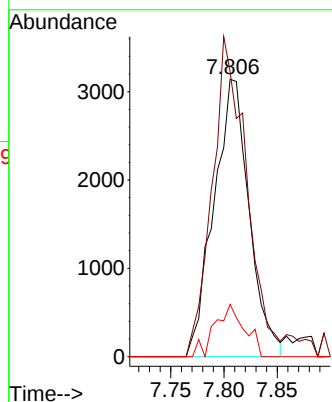
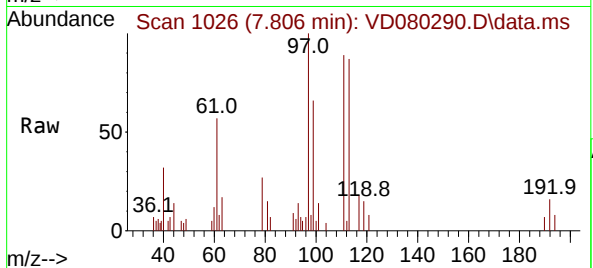
Tgt Ion:113 Resp: 7245

Ion Ratio Lower Upper

113 100

111 111.6 80.7 121.1

192 15.9 15.7 23.5



#36

1,1-Dichloropropene

Concen: 5.164 ug/l

RT: 8.006 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VD080290.D

Acq: 06 May 2025 13:33

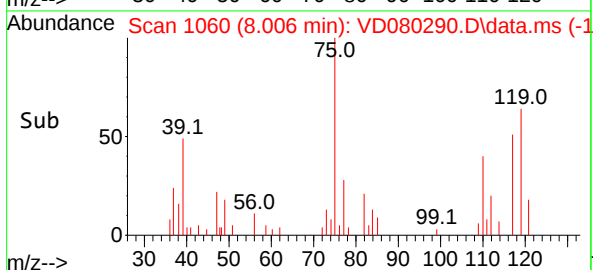
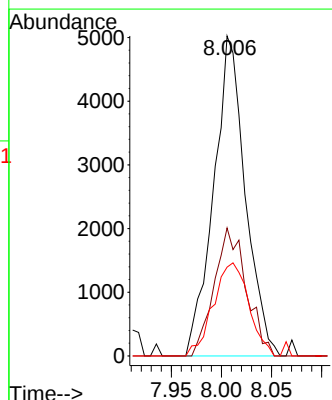
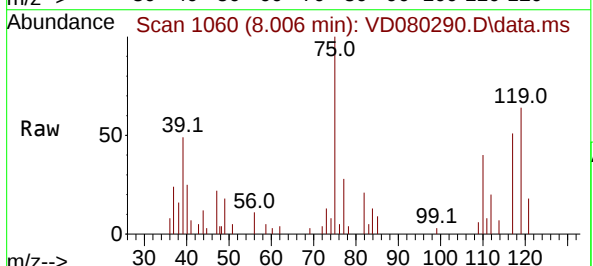
Tgt Ion: 75 Resp: 11045

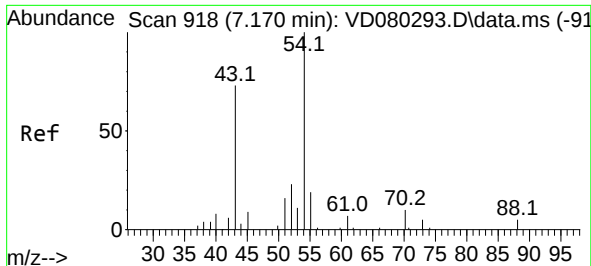
Ion Ratio Lower Upper

75 100

110 40.6 17.1 51.2

77 32.5 24.9 37.3





#37

Ethyl Acetate

Concen: 5.367 ug/l

RT: 7.176 min Scan# 918

Delta R.T. 0.006 min

Lab File: VD080290.D

Acq: 06 May 2025 13:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

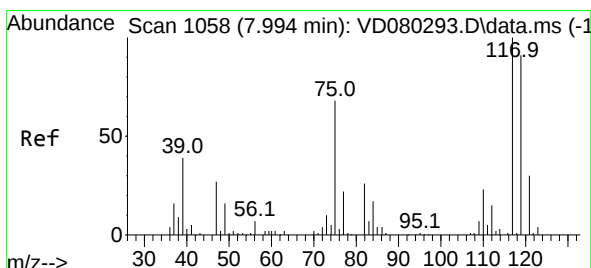
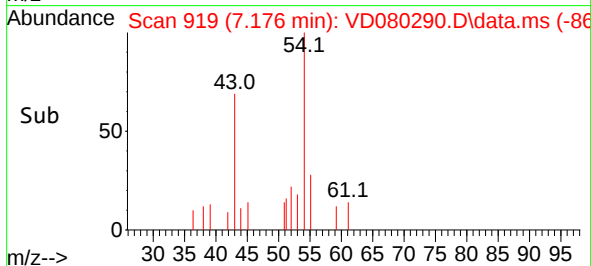
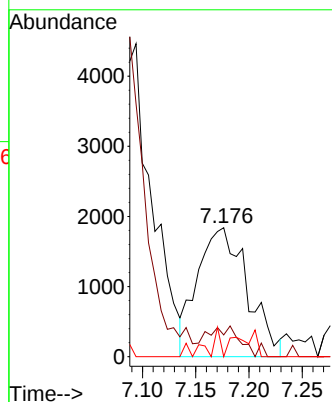
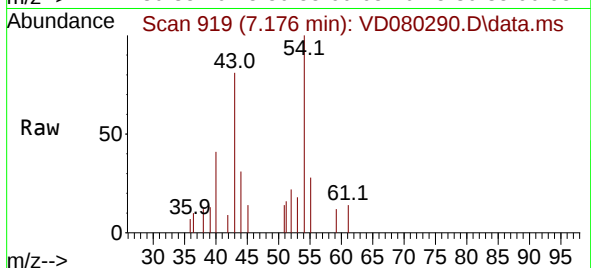
Tgt Ion: 43 Resp: 5987

Ion Ratio Lower Upper

43 100

61 15.6 12.2 18.4

70 2.5 8.7 13.1#



#38

Carbon Tetrachloride

Concen: 5.046 ug/l

RT: 7.988 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD080290.D

Acq: 06 May 2025 13:33

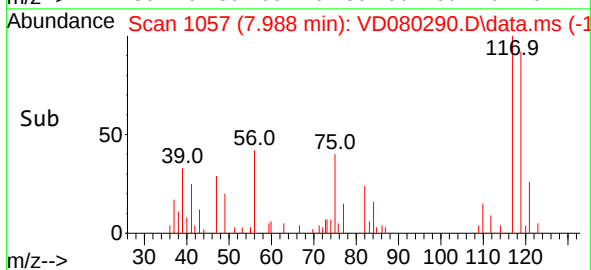
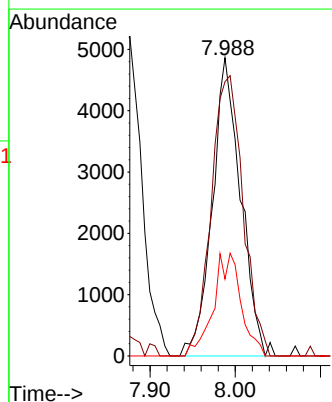
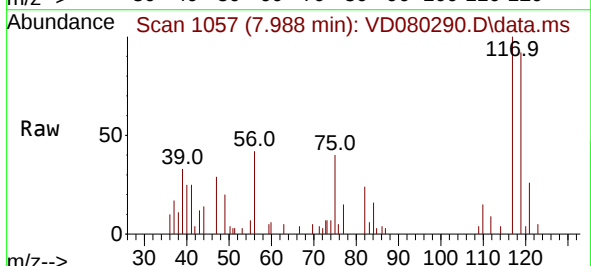
Tgt Ion: 117 Resp: 11256

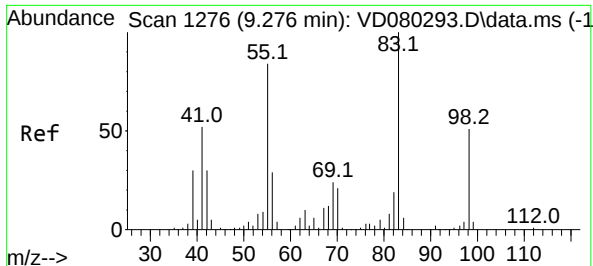
Ion Ratio Lower Upper

117 100

119 92.0 72.7 109.1

121 25.8 24.4 36.6





#39

Methylcyclohexane

Concen: 4.825 ug/l

RT: 9.270 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD080290.D

Acq: 06 May 2025 13:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

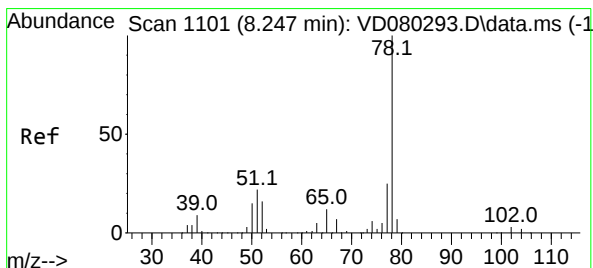
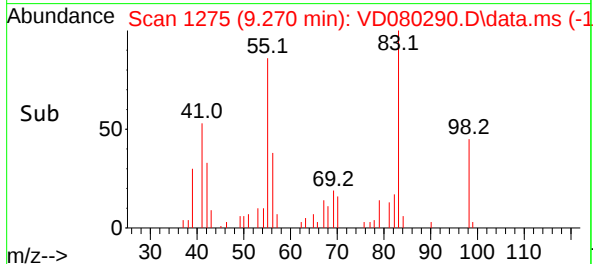
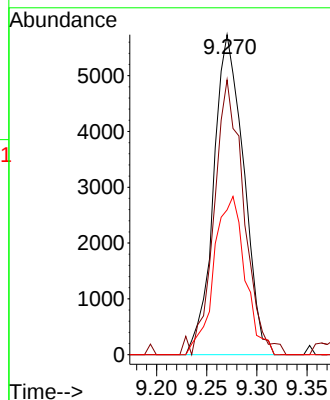
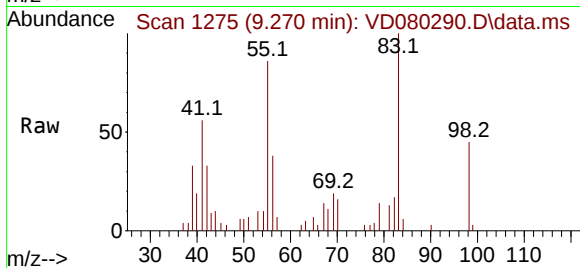
Tgt Ion: 83 Resp: 11974

Ion Ratio Lower Upper

83 100

55 85.9 67.4 101.2

98 45.2 40.6 61.0



#40

Benzene

Concen: 5.267 ug/l

RT: 8.247 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VD080290.D

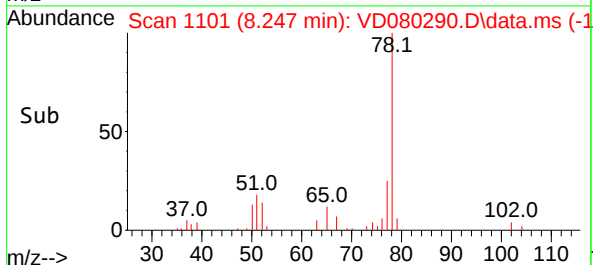
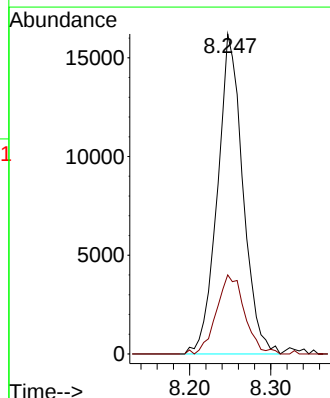
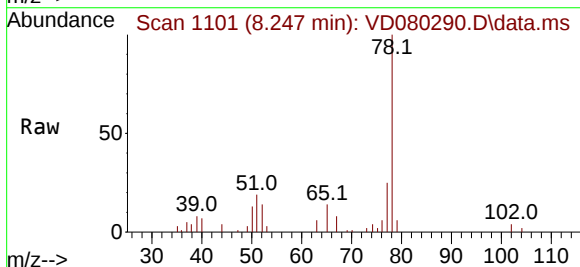
Acq: 06 May 2025 13:33

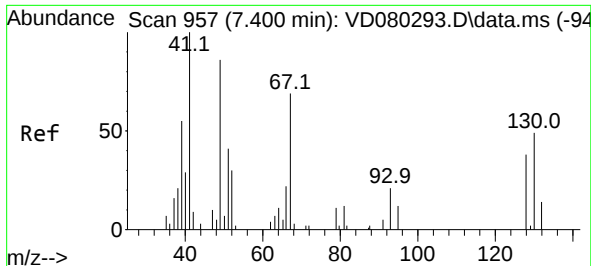
Tgt Ion: 78 Resp: 35294

Ion Ratio Lower Upper

78 100

77 24.7 19.8 29.8

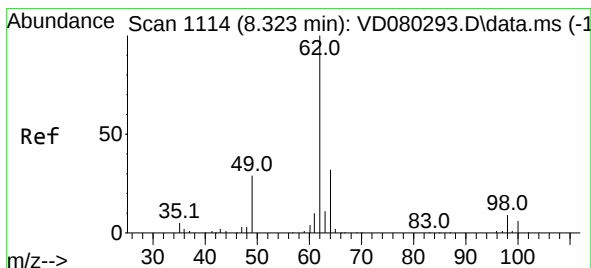
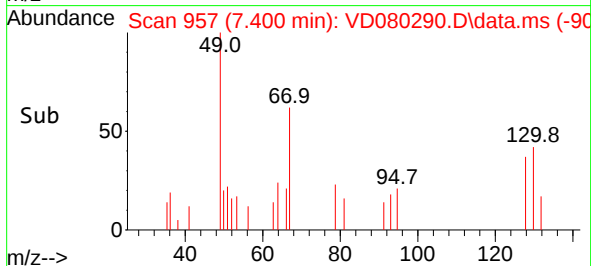
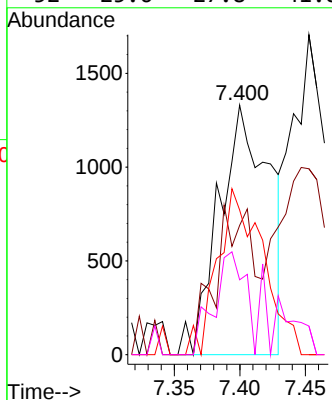
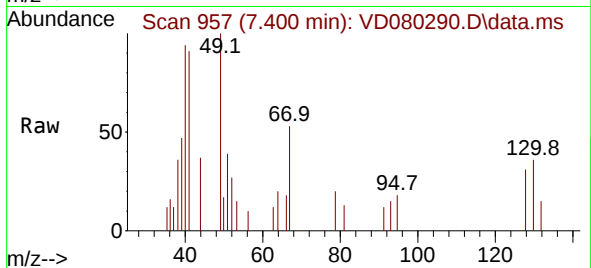




#41
Methacrylonitrile
Concen: 5.725 ug/l
RT: 7.400 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

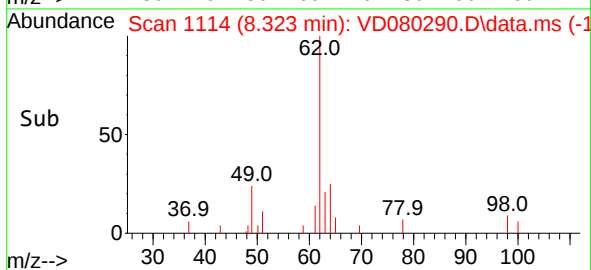
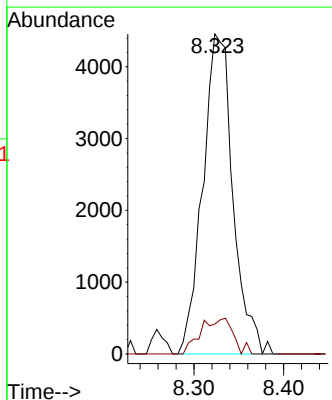
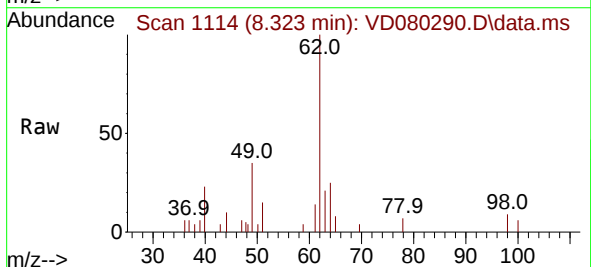
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

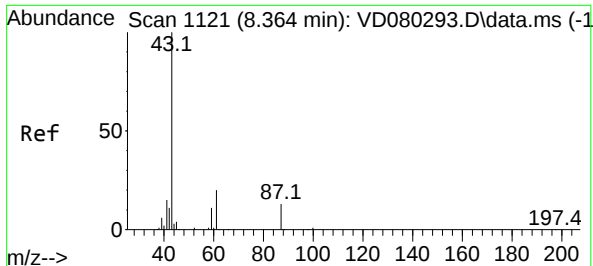
Tgt Ion:	41	Resp:	3543
Ion	Ratio	Lower	Upper
41	100		
39	46.3	44.4	66.6
67	60.5	57.1	85.7
52	25.6	27.8	41.8



#42
1,2-Dichloroethane
Concen: 5.372 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion:	62	Resp:	10431
Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	20.2





#43

Isopropyl Acetate

Concen: 4.922 ug/l

RT: 8.359 min Scan# 1120

Delta R.T. -0.006 min

Lab File: VD080290.D

Acq: 06 May 2025 13:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

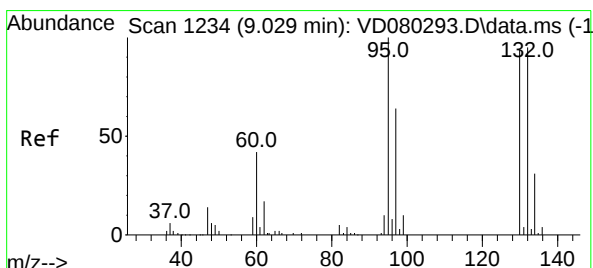
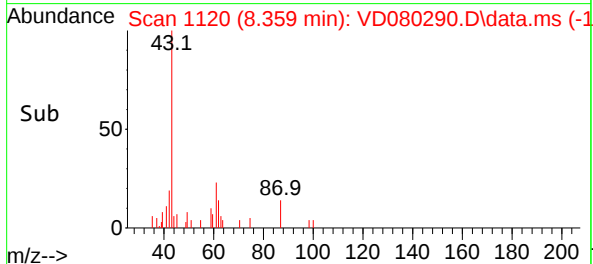
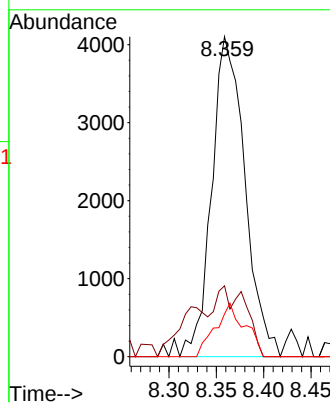
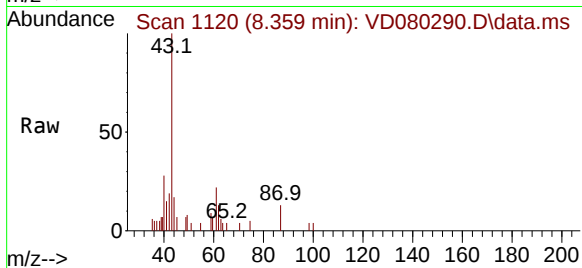
Tgt Ion: 43 Resp: 9983

Ion Ratio Lower Upper

43 100

61 3.2 16.7 25.1#

87 14.9 10.4 15.6



#44

Trichloroethene

Concen: 5.329 ug/l

RT: 9.023 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VD080290.D

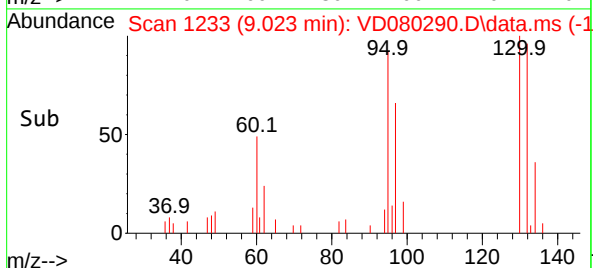
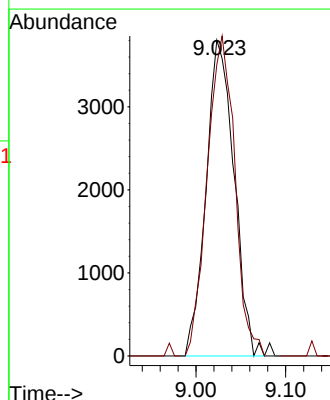
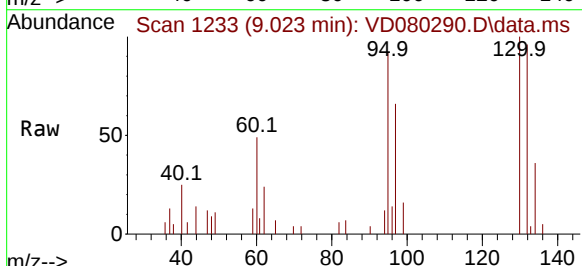
Acq: 06 May 2025 13:33

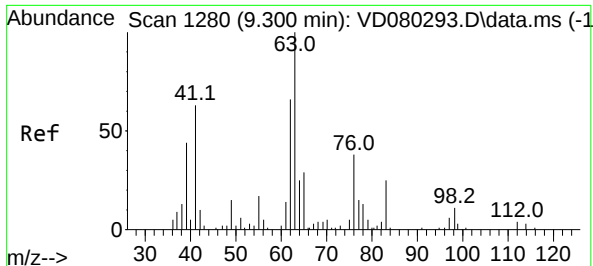
Tgt Ion:130 Resp: 8290

Ion Ratio Lower Upper

130 100

95 92.3 0.0 212.2





#45

1,2-Dichloropropane

Concen: 5.016 ug/l

RT: 9.311 min Scan# 1282

Delta R.T. 0.012 min

Lab File: VD080290.D

Acq: 06 May 2025 13:33

Instrument :

MSVOA_D

ClientSampleId :

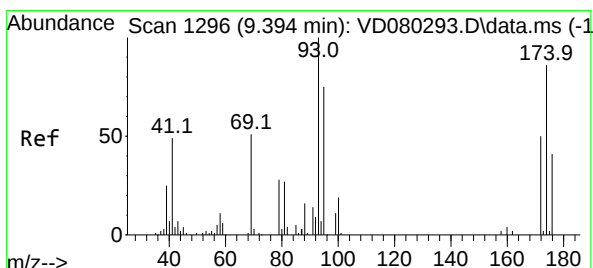
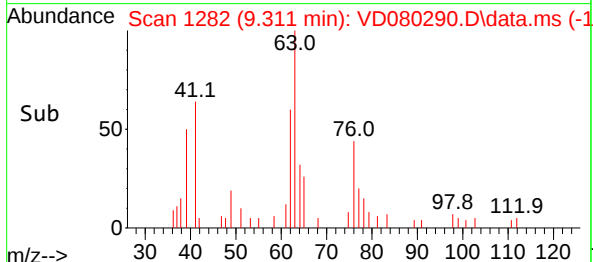
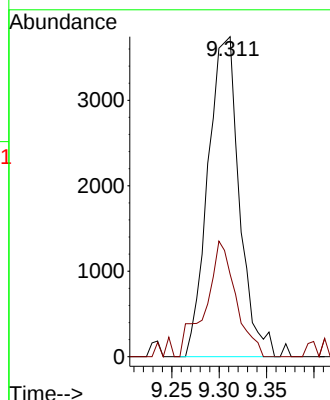
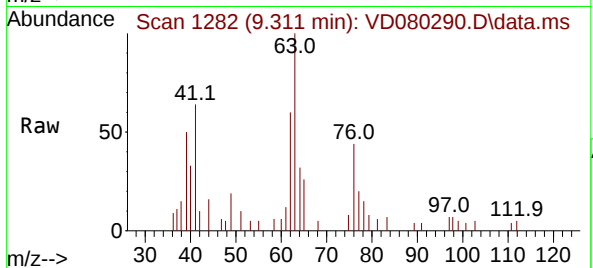
VSTDICC005

Tgt Ion: 63 Resp: 8621

Ion Ratio Lower Upper

63 100

65 25.8 22.9 34.3



#46

Dibromomethane

Concen: 4.806 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080290.D

Acq: 06 May 2025 13:33

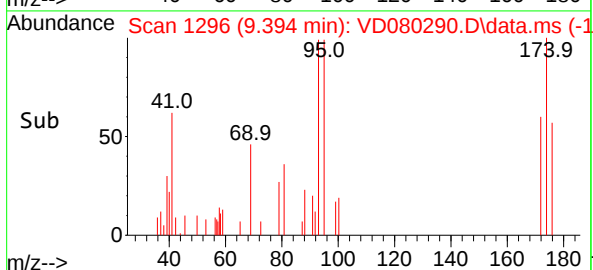
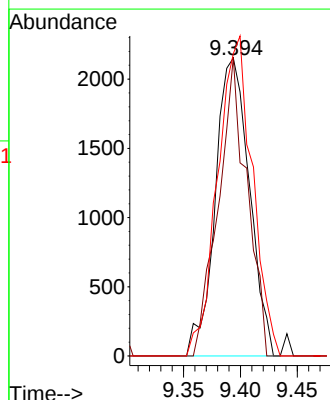
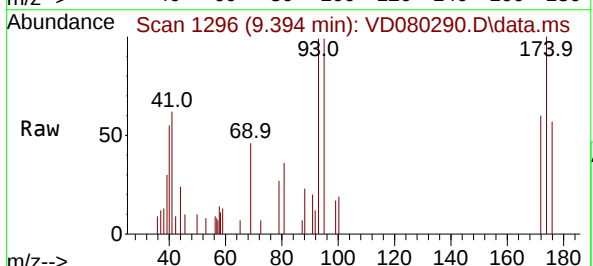
Tgt Ion: 93 Resp: 4497

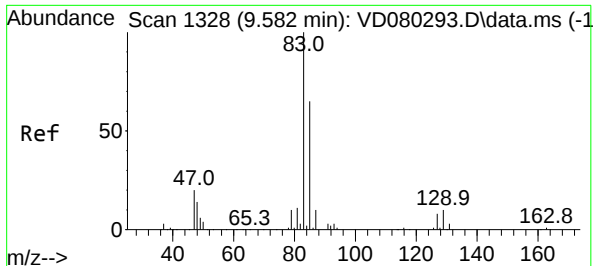
Ion Ratio Lower Upper

93 100

95 84.3 67.3 100.9

174 109.1 75.5 113.3





#47

Bromodichloromethane

Concen: 5.177 ug/l

RT: 9.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD080290.D

Acq: 06 May 2025 13:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

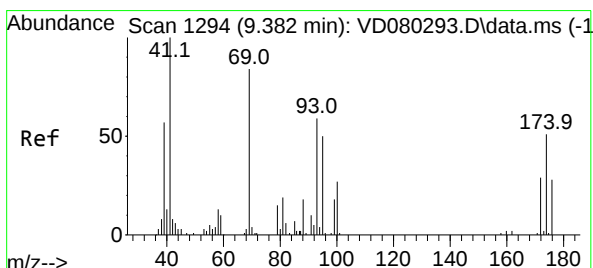
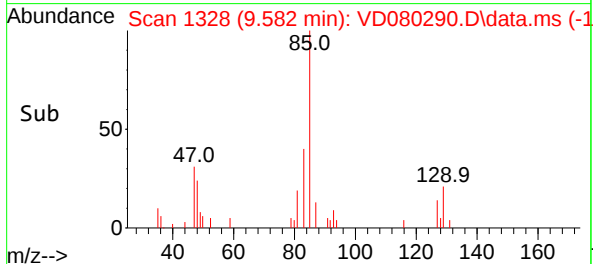
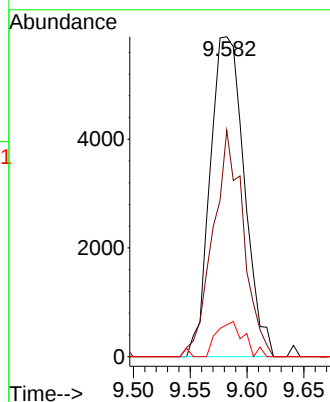
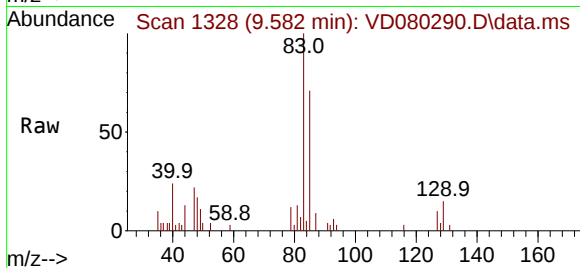
Tgt Ion: 83 Resp: 12295

Ion Ratio Lower Upper

83 100

85 70.8 51.7 77.5

127 10.0 6.6 9.8#



#48

Methyl methacrylate

Concen: 3.817 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VD080290.D

Acq: 06 May 2025 13:33

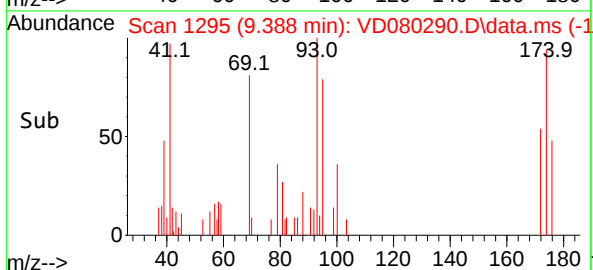
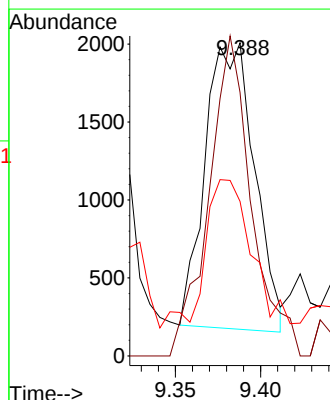
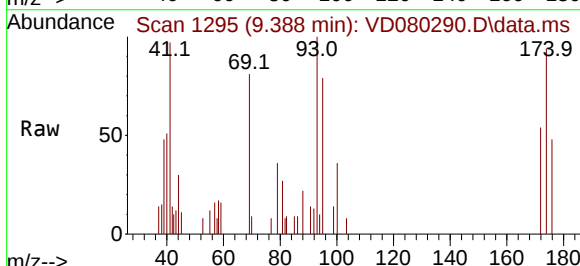
Tgt Ion: 41 Resp: 3678

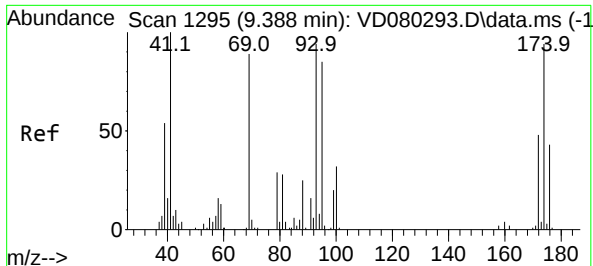
Ion Ratio Lower Upper

41 100

69 97.3 67.8 101.8

39 63.9 47.5 71.3





#49

1,4-Dioxane

Concen: 100.311 ug/l

RT: 9.382 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VD080290.D

Acq: 06 May 2025 13:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

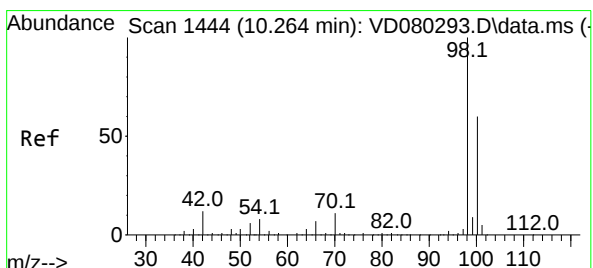
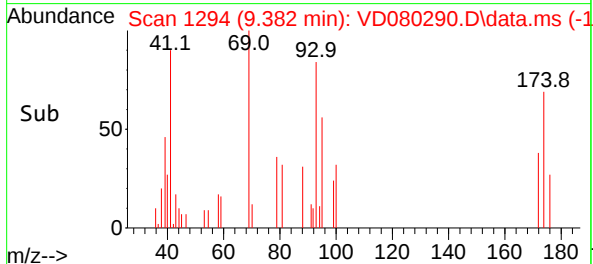
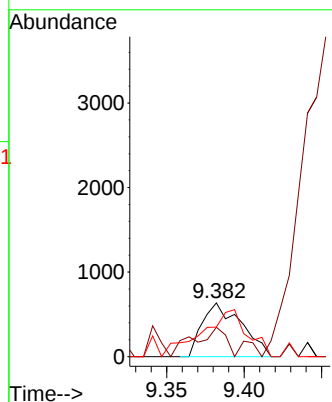
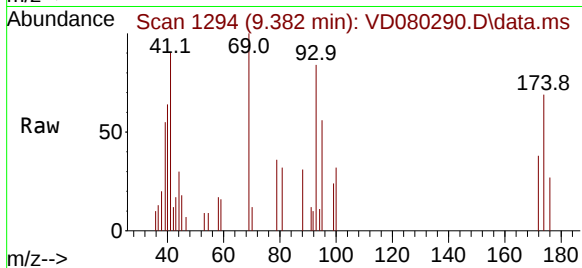
Tgt Ion: 88 Resp: 1116

Ion Ratio Lower Upper

88 100

43 44.3 31.4 47.2

58 101.8 61.8 92.6#



#50

Toluene-d8

Concen: 4.702 ug/l

RT: 10.264 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VD080290.D

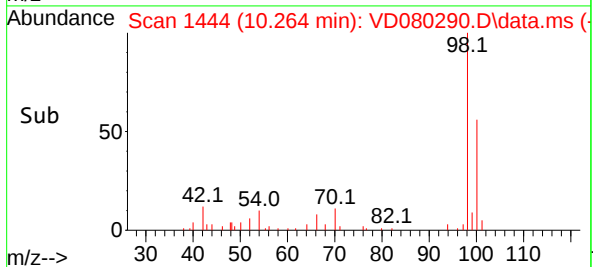
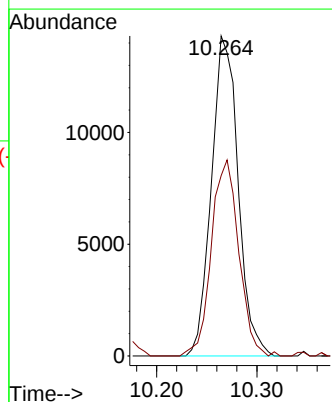
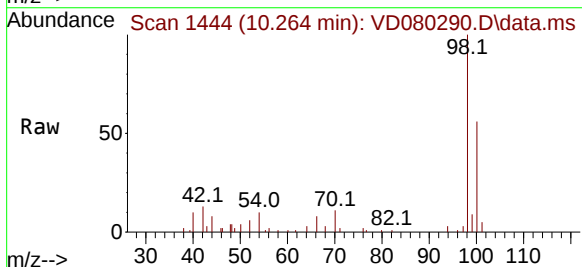
Acq: 06 May 2025 13:33

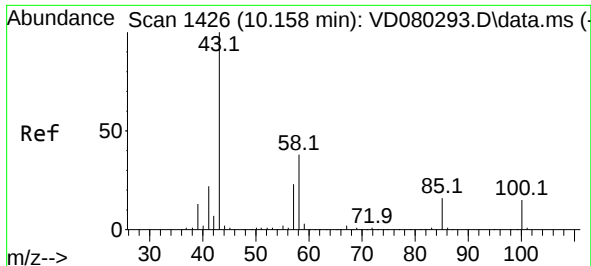
Tgt Ion: 98 Resp: 26514

Ion Ratio Lower Upper

98 100

100 62.9 50.0 75.0

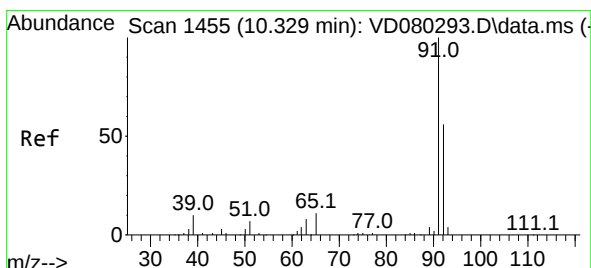
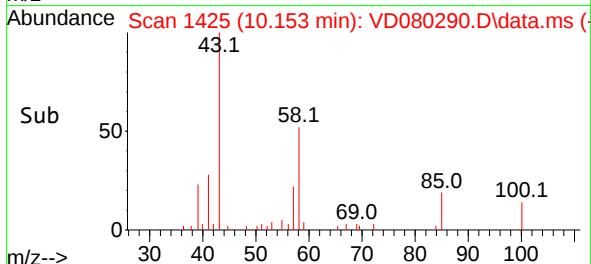
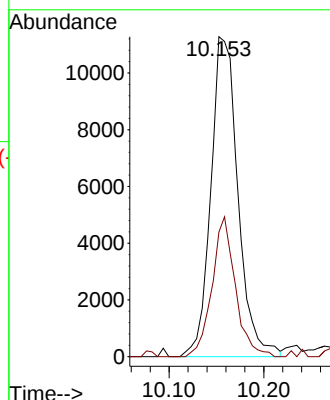
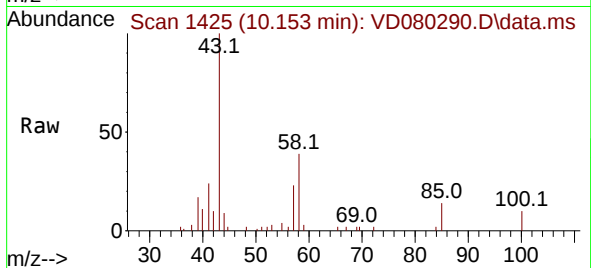




#51
4-Methyl-2-Pentanone
Concen: 21.509 ug/l
RT: 10.153 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

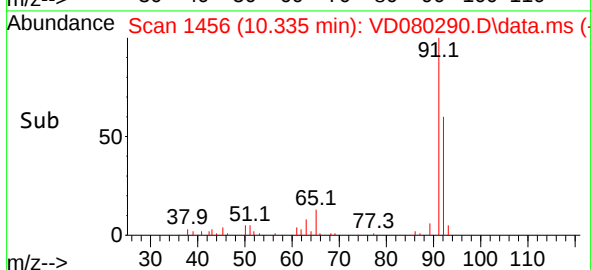
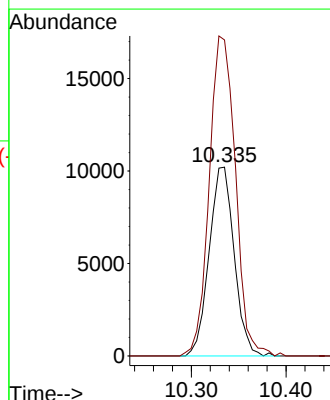
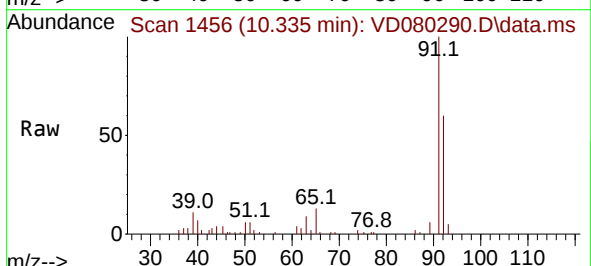
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

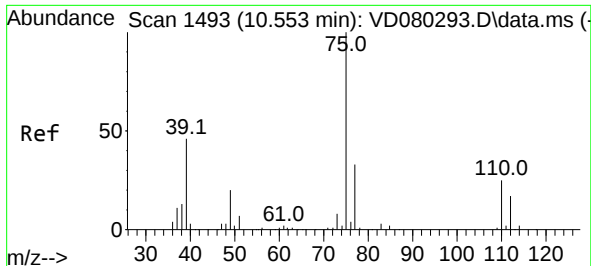
Tgt Ion: 43 Resp: 22476
Ion Ratio Lower Upper
43 100
58 37.5 30.6 46.0



#52
Toluene
Concen: 4.652 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion: 92 Resp: 18781
Ion Ratio Lower Upper
92 100
91 177.1 143.4 215.2

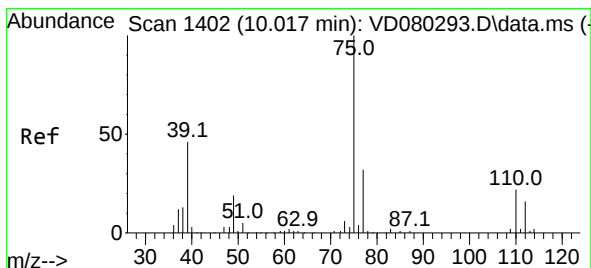
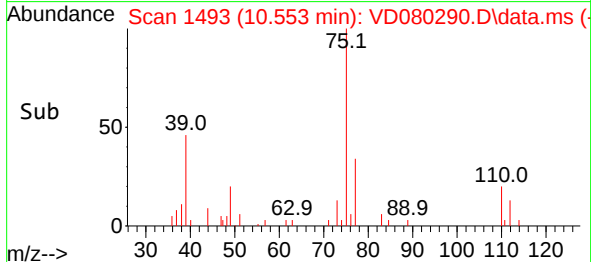
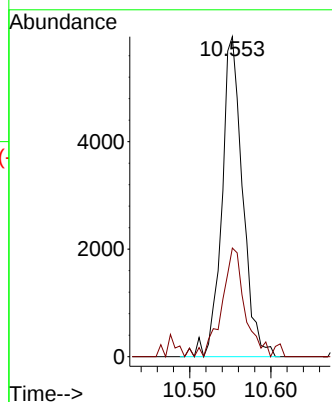
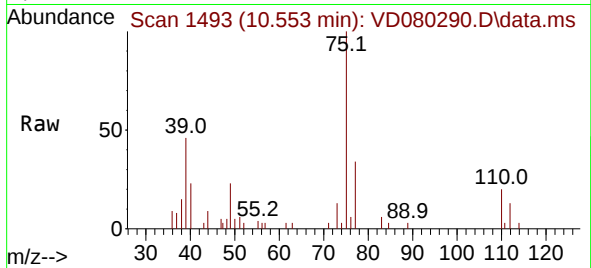




#53
t-1,3-Dichloropropene
Concen: 4.909 ug/l
RT: 10.553 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

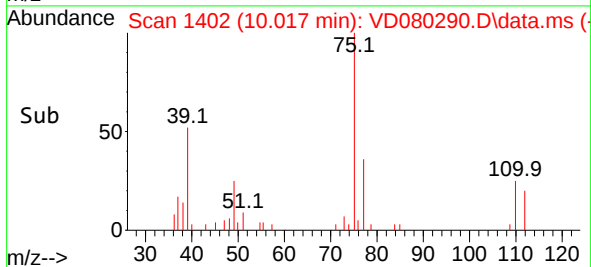
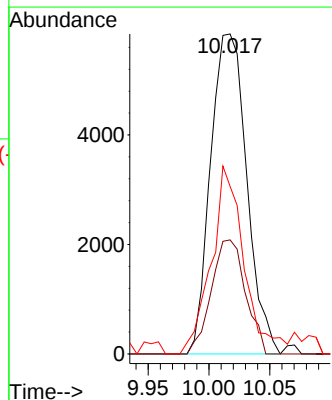
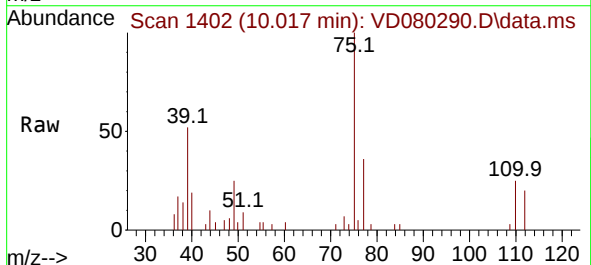
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

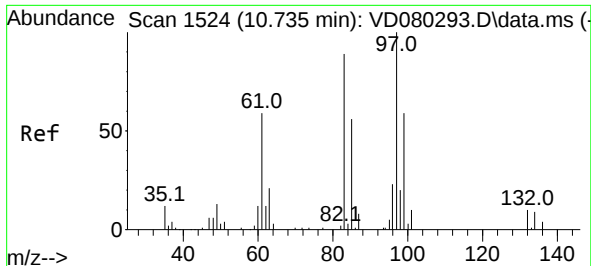
Tgt Ion: 75 Resp: 10630
Ion Ratio Lower Upper
75 100
77 30.6 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 4.816 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion: 75 Resp: 12084
Ion Ratio Lower Upper
75 100
77 35.7 25.8 38.6
39 52.4 37.0 55.6





#55

1,1,2-Trichloroethane

Concen: 5.091 ug/l

RT: 10.729 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD080290.D

Acq: 06 May 2025 13:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 6301

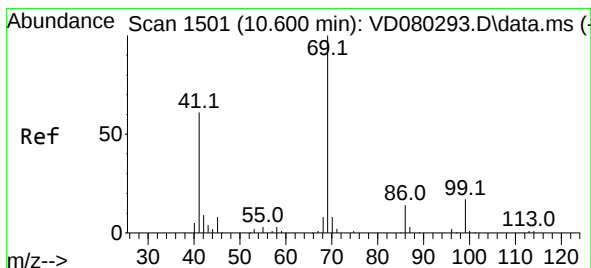
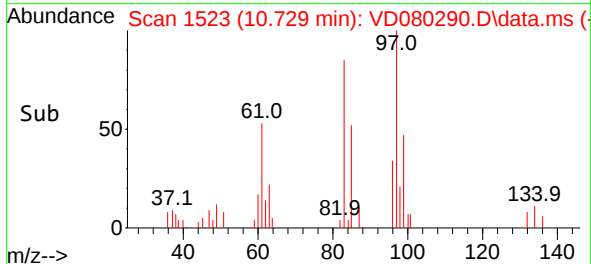
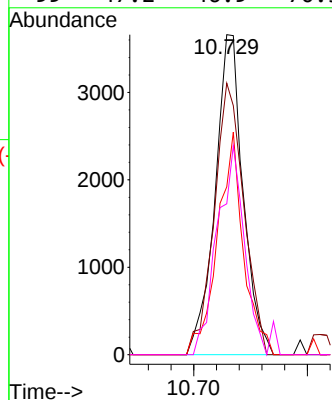
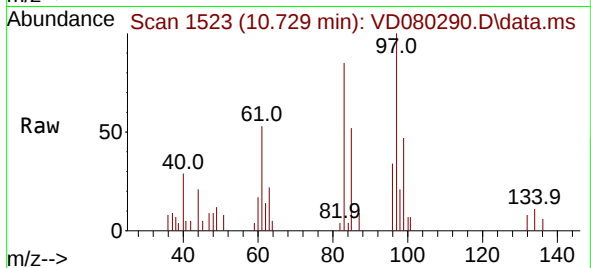
Ion Ratio Lower Upper

97 100

83 84.9 71.0 106.4

85 52.5 44.9 67.3

99 47.2 46.9 70.3



#56

Ethyl methacrylate

Concen: 3.914 ug/l

RT: 10.594 min Scan# 1500

Delta R.T. -0.006 min

Lab File: VD080290.D

Acq: 06 May 2025 13:33

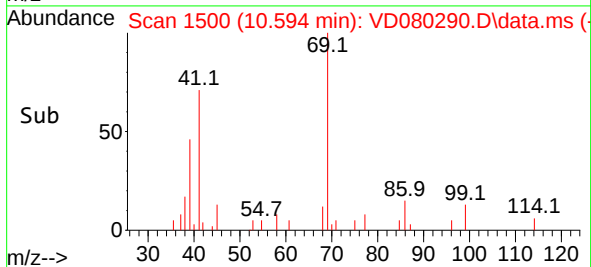
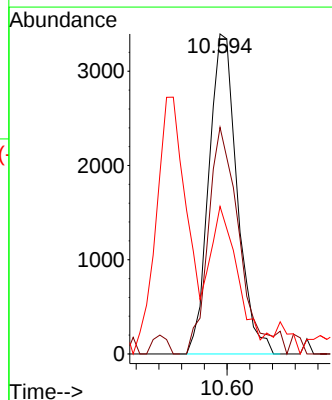
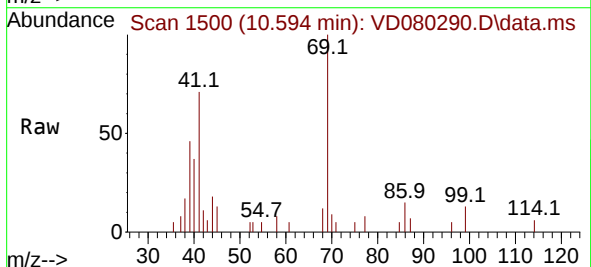
Tgt Ion: 69 Resp: 5870

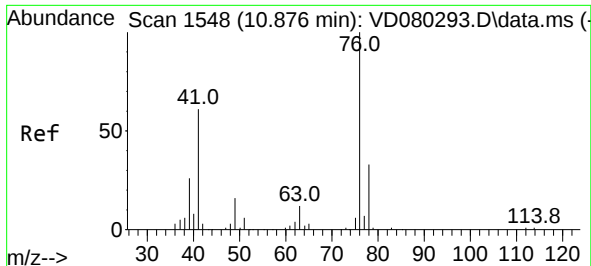
Ion Ratio Lower Upper

69 100

41 78.4 53.2 79.8

39 48.5 28.2 42.2#





#57

1,3-Dichloropropane

Concen: 4.821 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. 0.000 min

Lab File: VD080290.D

Acq: 06 May 2025 13:33

Instrument :

MSVOA_D

ClientSampleId :

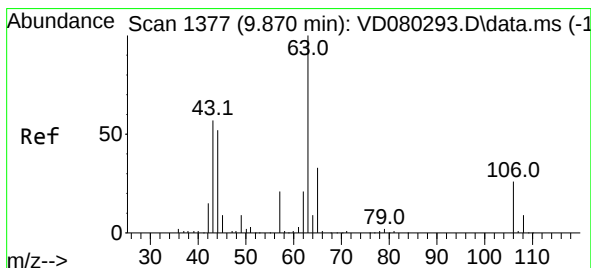
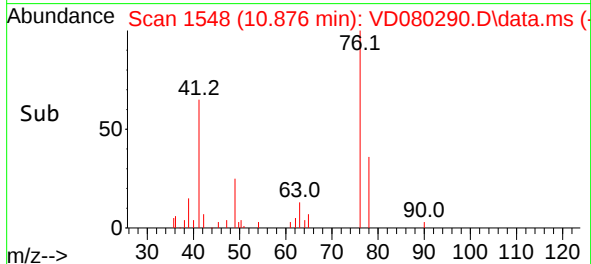
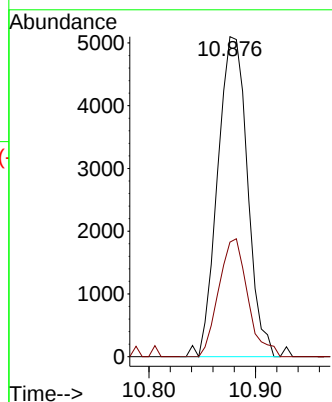
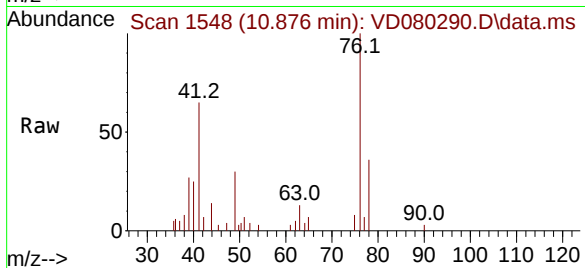
VSTDIC005

Tgt Ion: 76 Resp: 9918

Ion Ratio Lower Upper

76 100

78 35.9 27.2 40.8



#58

2-Chloroethyl Vinyl ether

Concen: 19.970 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VD080290.D

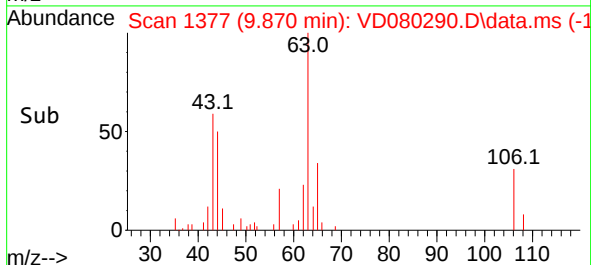
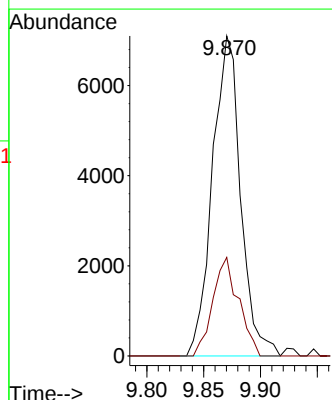
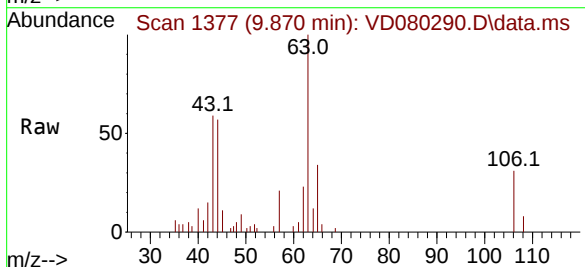
Acq: 06 May 2025 13:33

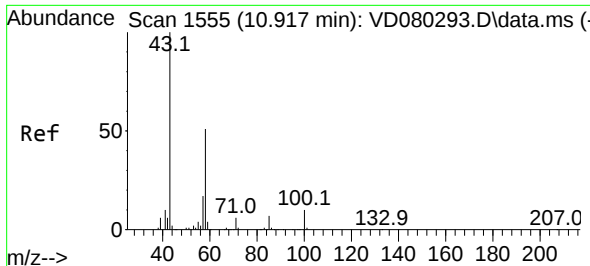
Tgt Ion: 63 Resp: 12258

Ion Ratio Lower Upper

63 100

106 28.2 20.8 31.2

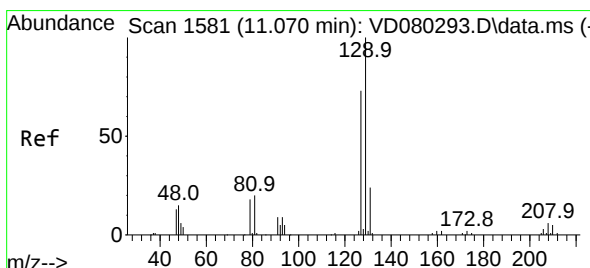
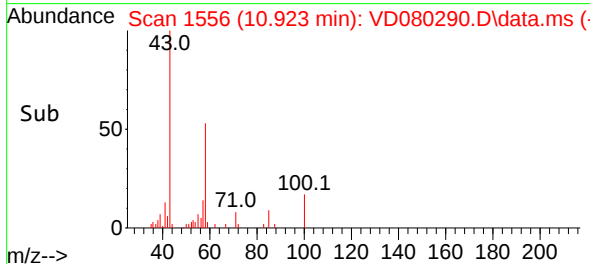
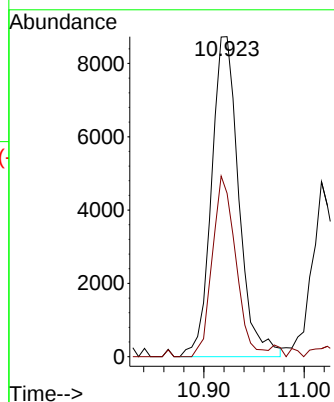
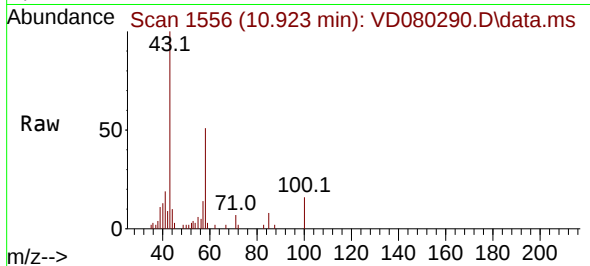




#59
2-Hexanone
Concen: 23.010 ug/l
RT: 10.923 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

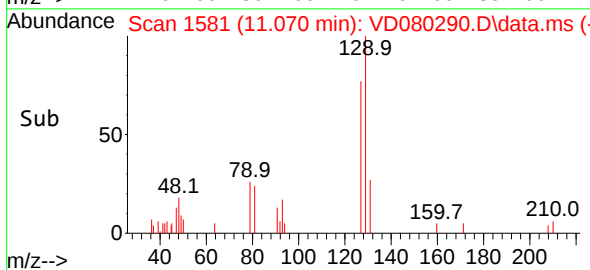
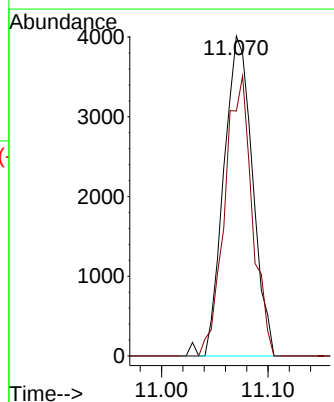
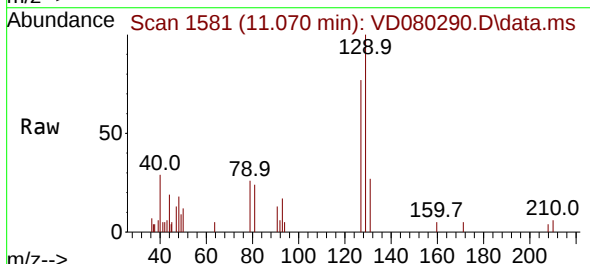
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

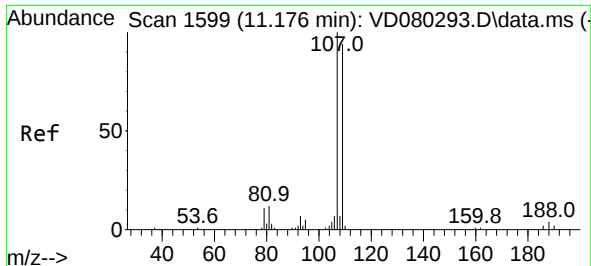
Tgt Ion: 43 Resp: 16540
Ion Ratio Lower Upper
43 100
58 48.6 26.3 78.9



#60
Dibromochloromethane
Concen: 4.859 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion: 129 Resp: 7537
Ion Ratio Lower Upper
129 100
127 83.3 37.6 112.8

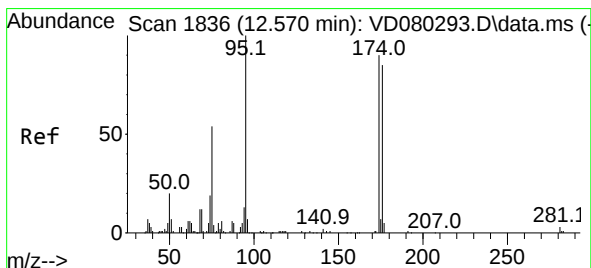
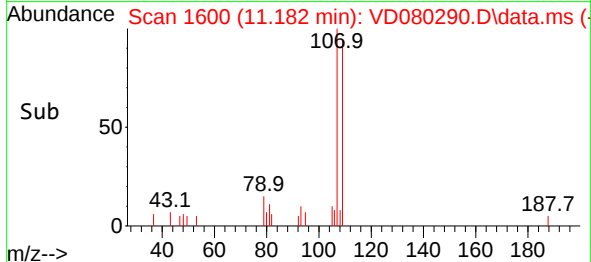
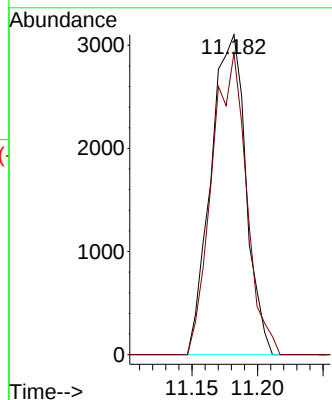
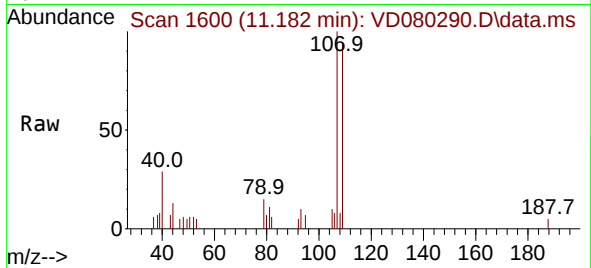




#61
1,2-Dibromoethane
Concen: 5.020 ug/l
RT: 11.182 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

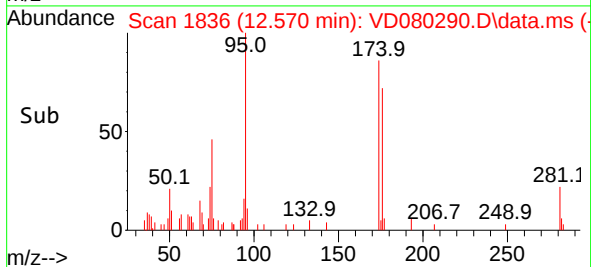
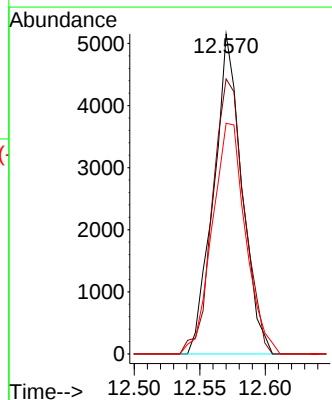
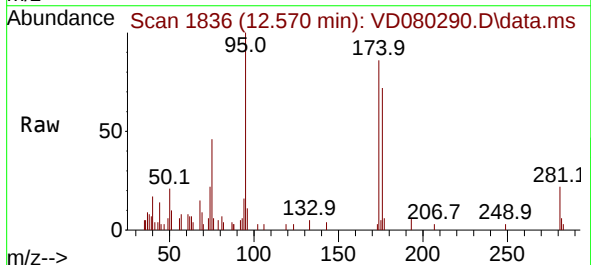
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

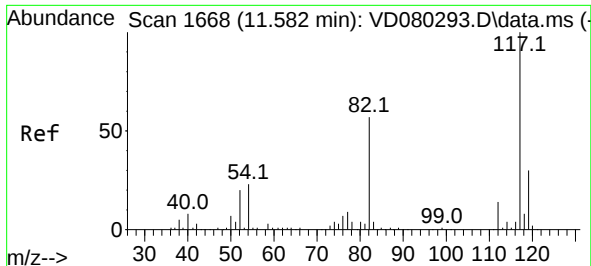
Tgt Ion:107 Resp: 5762
Ion Ratio Lower Upper
107 100
109 92.9 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 4.265 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion: 95 Resp: 7719
Ion Ratio Lower Upper
95 100
174 95.8 0.0 170.0
176 84.8 0.0 167.8

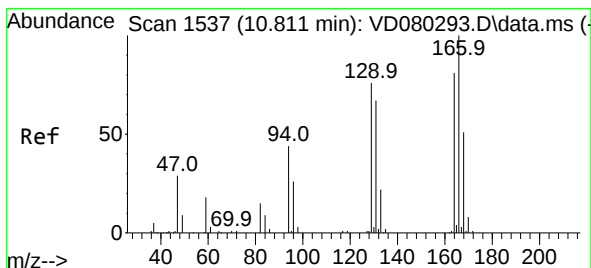
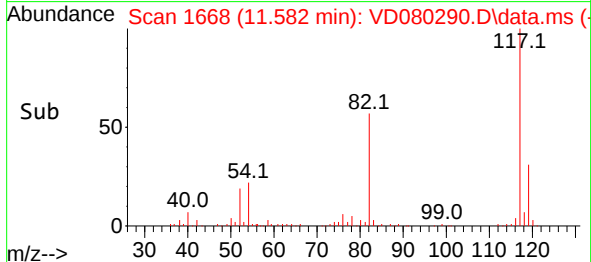
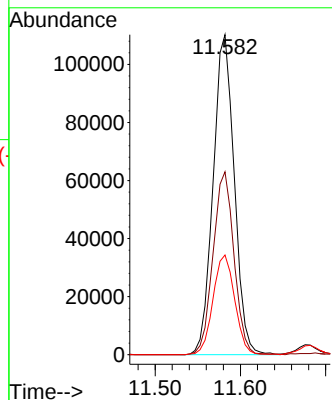
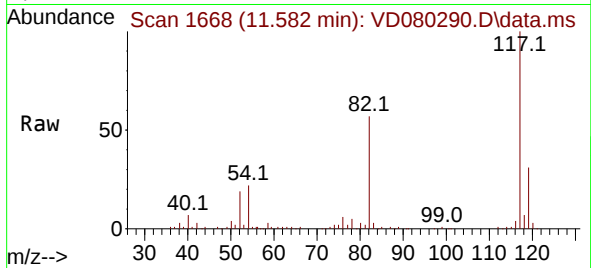




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

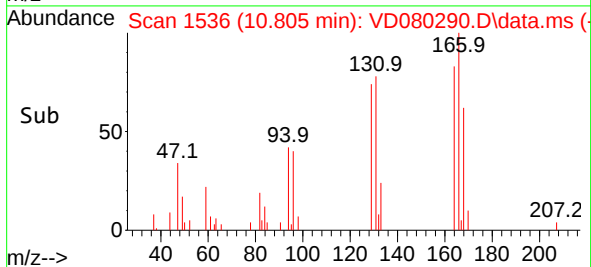
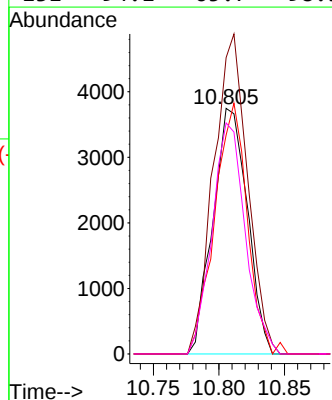
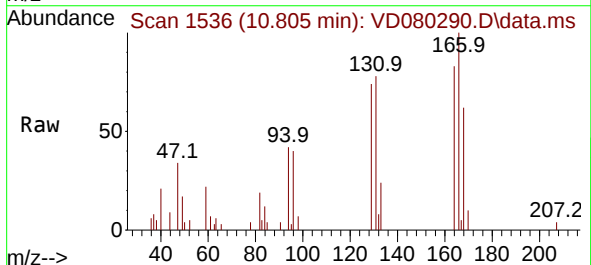
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

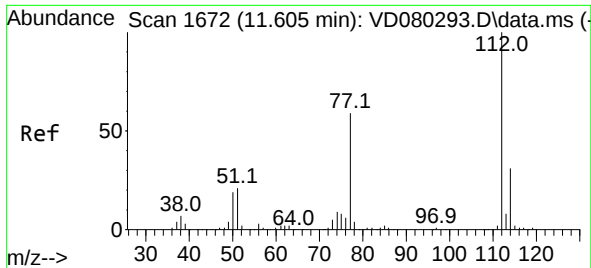
Tgt Ion:117 Resp: 189975
Ion Ratio Lower Upper
117 100
82 57.2 45.5 68.3
119 31.2 24.0 36.0



#64
Tetrachloroethene
Concen: 5.318 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. -0.006 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion:164 Resp: 6842
Ion Ratio Lower Upper
164 100
166 120.7 98.2 147.2
129 89.2 74.6 111.8
131 94.1 65.7 98.5

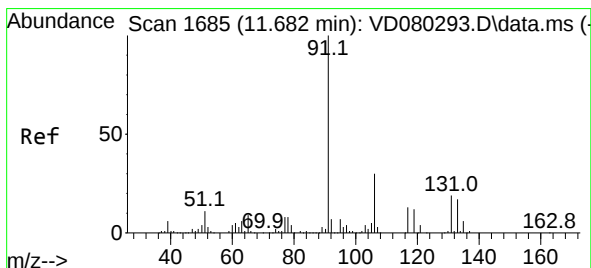
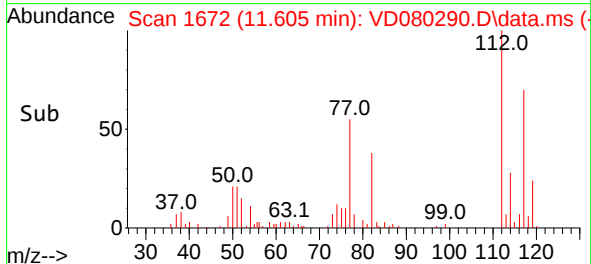
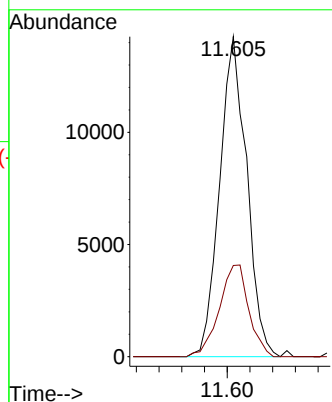
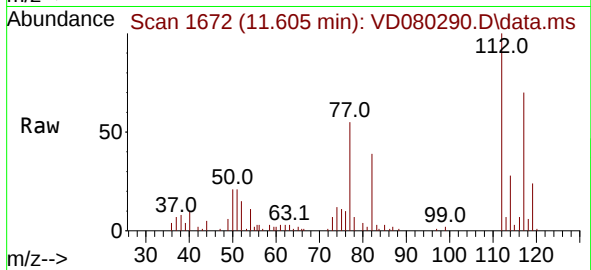




#65
Chlorobenzene
Concen: 5.503 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

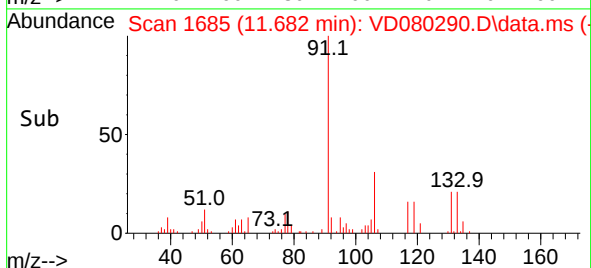
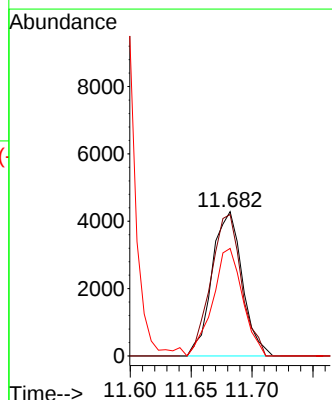
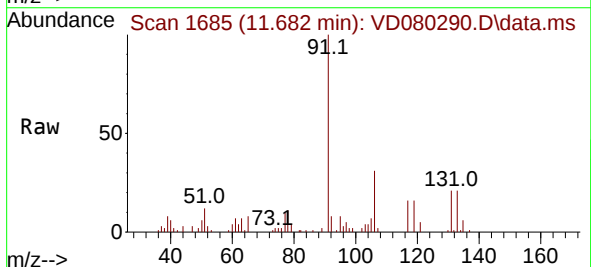
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

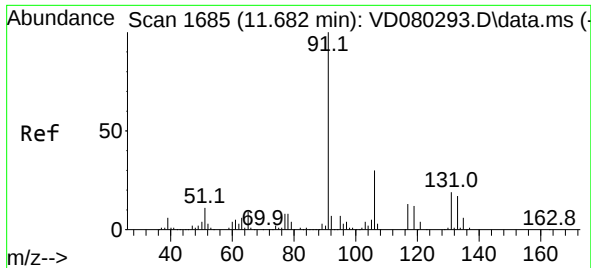
Tgt Ion:112 Resp: 23604
Ion Ratio Lower Upper
112 100
114 28.5 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 5.044 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion:131 Resp: 7434
Ion Ratio Lower Upper
131 100
133 98.6 46.8 140.3
119 73.4 33.1 99.2

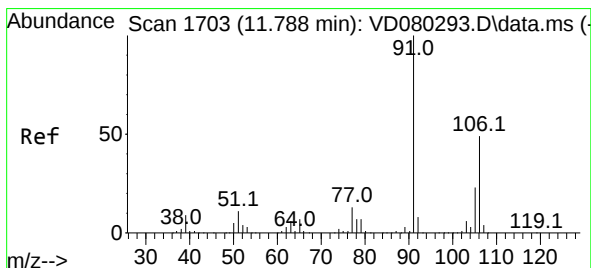
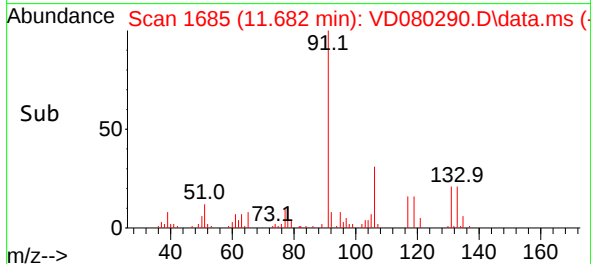
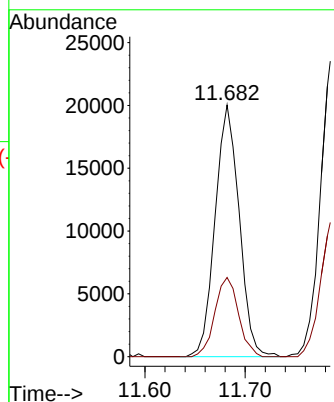
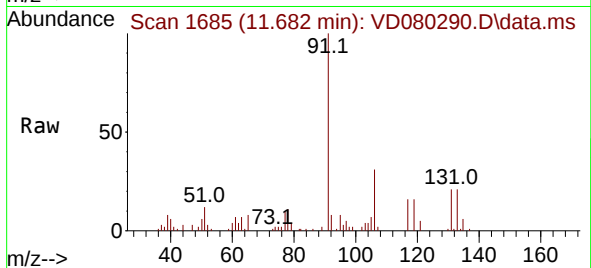




#67
Ethyl Benzene
Concen: 4.661 ug/l
RT: 11.682 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

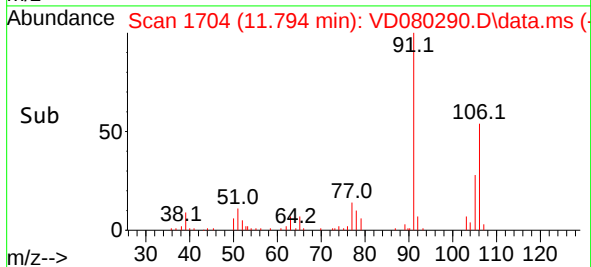
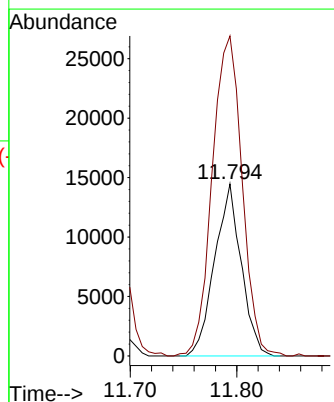
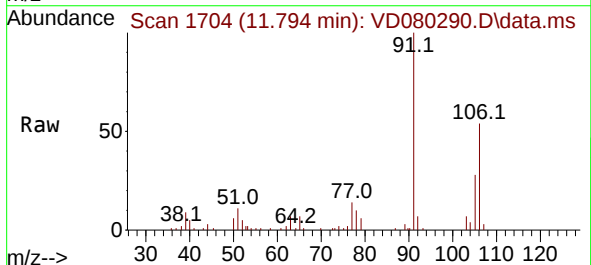
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

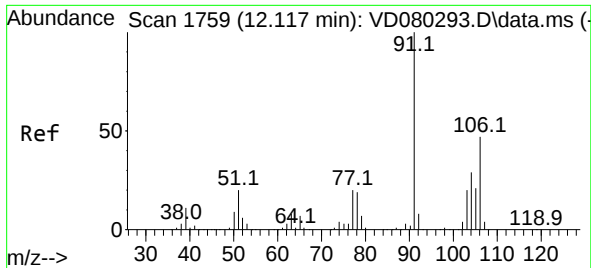
Tgt Ion: 91 Resp: 33412
Ion Ratio Lower Upper
91 100
106 31.5 23.9 35.9



#68
m/p-Xylenes
Concen: 9.002 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion: 106 Resp: 25055
Ion Ratio Lower Upper
106 100
91 209.0 164.1 246.1

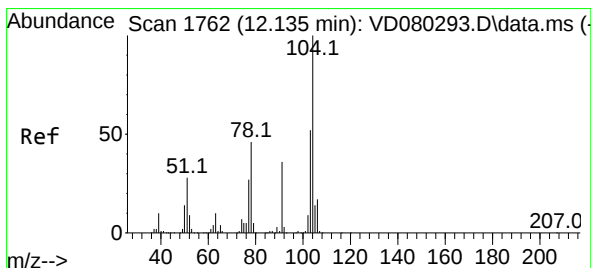
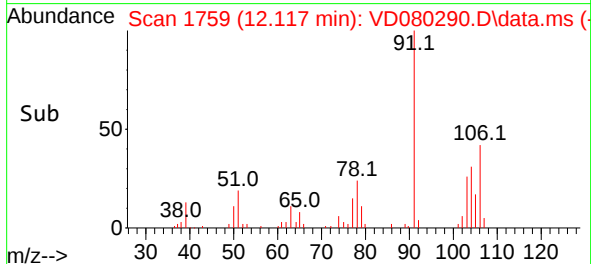
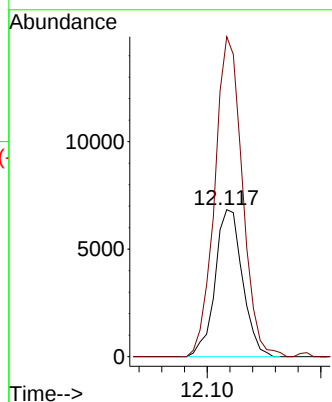
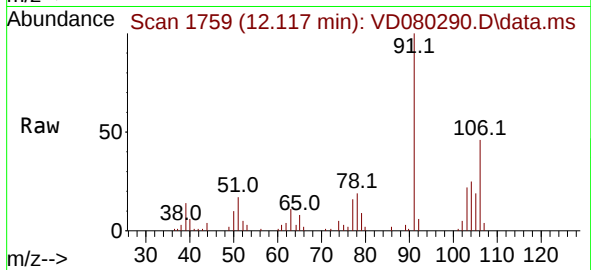




#69
o-Xylene
Concen: 4.503 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

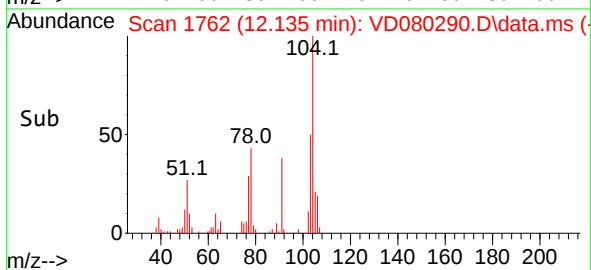
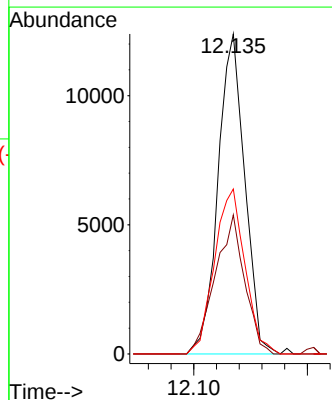
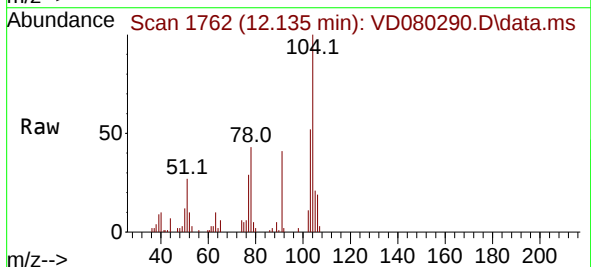
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

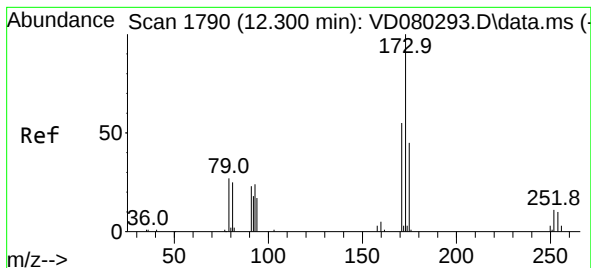
Tgt Ion:106 Resp: 11452
Ion Ratio Lower Upper
106 100
91 219.7 109.3 328.1



#70
Styrene
Concen: 4.430 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion:104 Resp: 20231
Ion Ratio Lower Upper
104 100
78 47.8 39.8 59.6
103 58.9 44.2 66.4





#71

Bromoform

Concen: 5.151 ug/l

RT: 12.294 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD080290.D

Acq: 06 May 2025 13:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

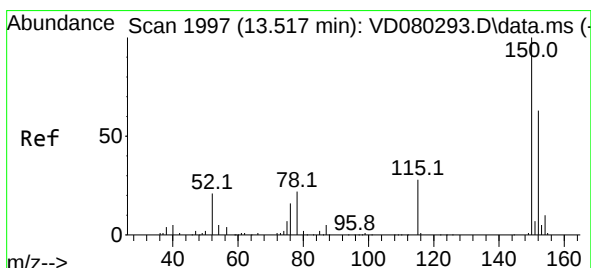
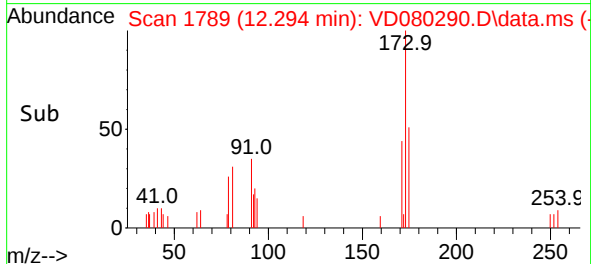
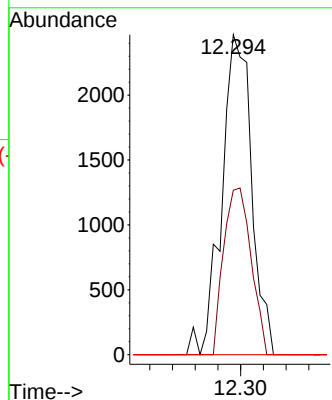
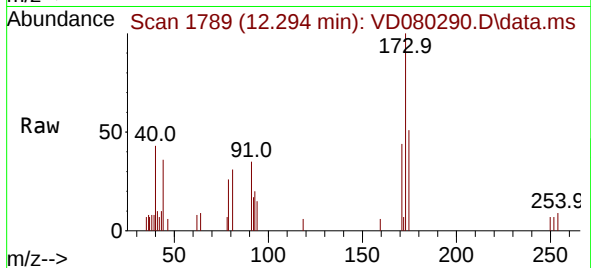
Tgt Ion:173 Resp: 4510

Ion Ratio Lower Upper

173 100

175 47.8 23.8 71.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.517 min Scan# 1997

Delta R.T. 0.000 min

Lab File: VD080290.D

Acq: 06 May 2025 13:33

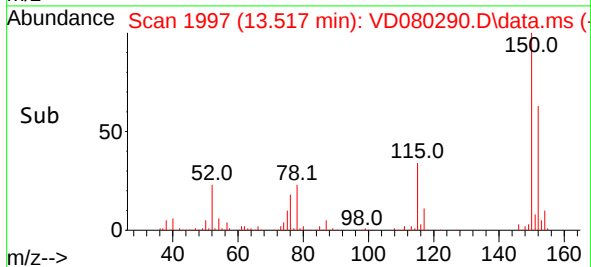
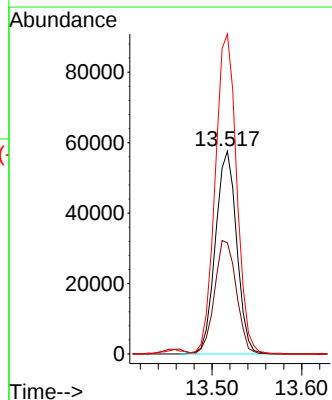
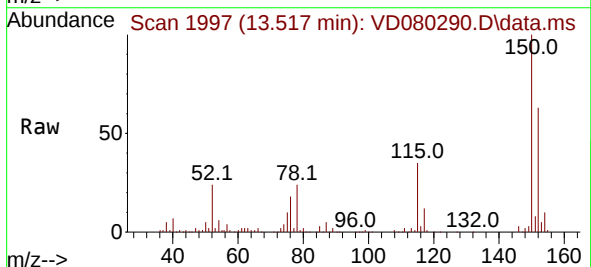
Tgt Ion:152 Resp: 94546

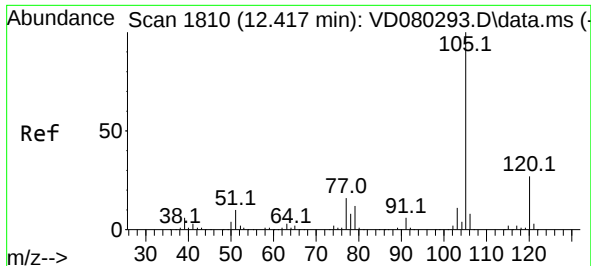
Ion Ratio Lower Upper

152 100

115 57.5 29.0 87.1

150 159.6 0.0 354.6

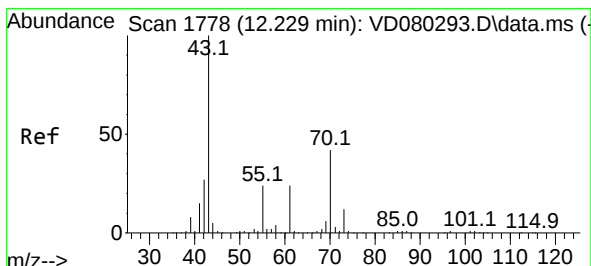
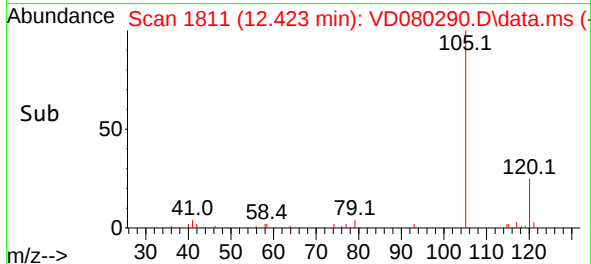
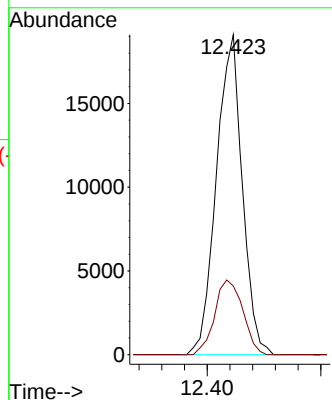
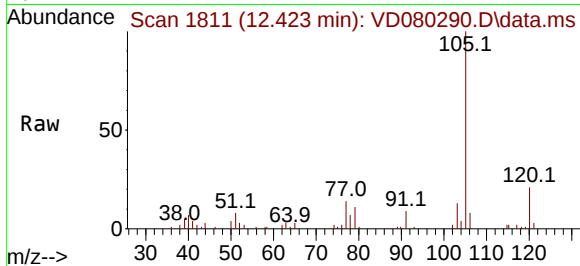




#73
Isopropylbenzene
Concen: 4.919 ug/l
RT: 12.423 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

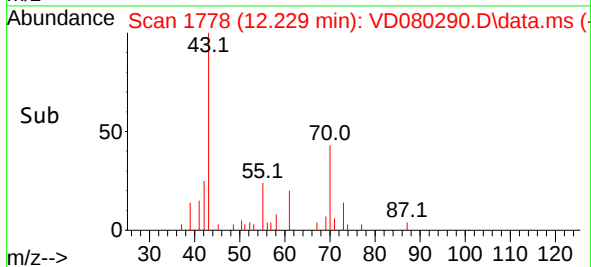
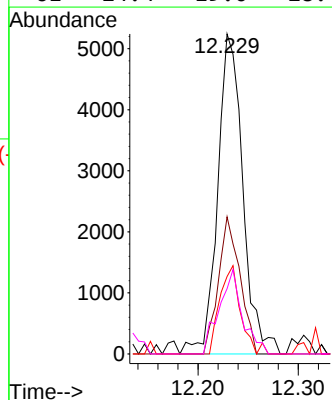
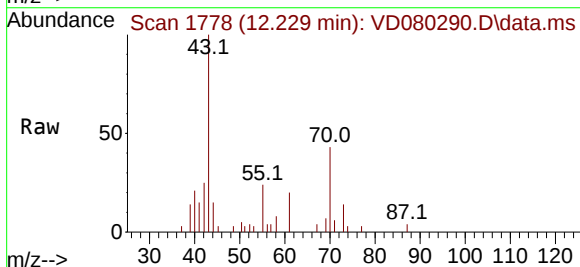
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

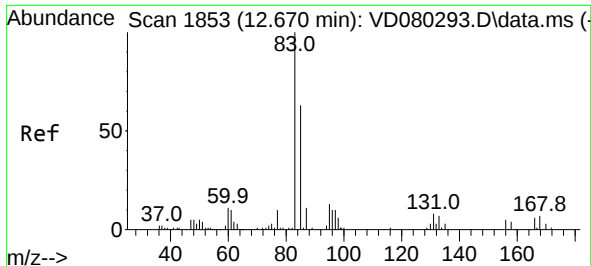
Tgt Ion:105 Resp: 30167
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.1



#74
N-ethyl acetate
Concen: 5.202 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion: 43 Resp: 9157
Ion Ratio Lower Upper
43 100
70 36.7 33.8 50.8
55 22.8 20.8 31.2
61 24.4 19.0 28.4

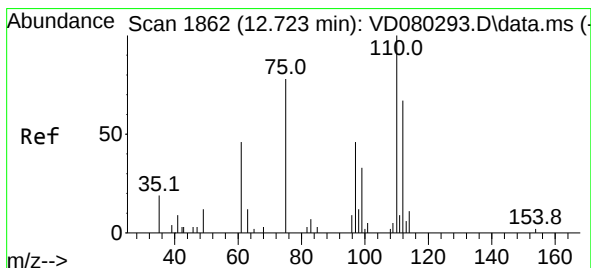
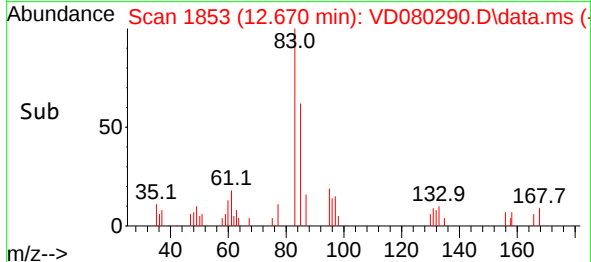
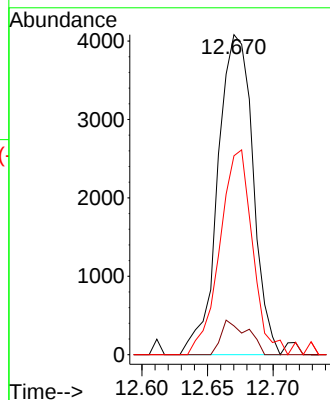
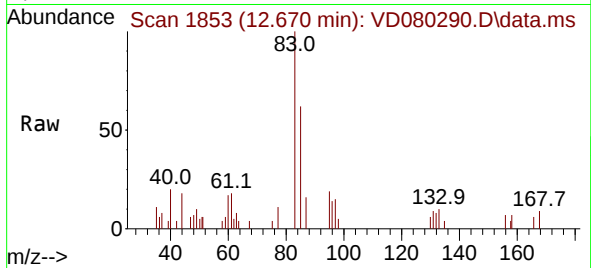




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.629 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VD080290.D
 Acq: 06 May 2025 13:33

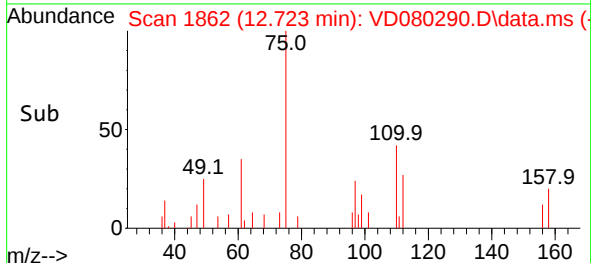
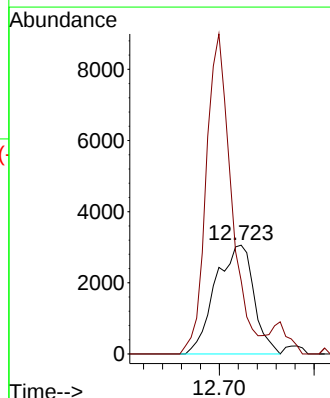
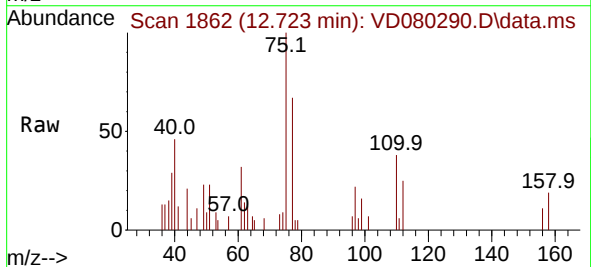
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

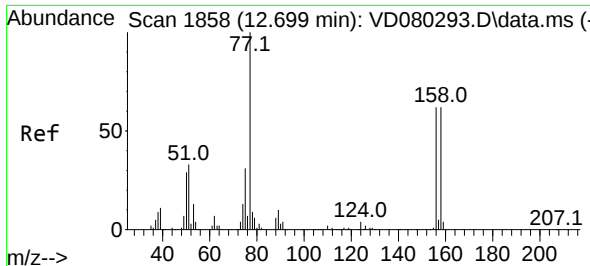
Tgt Ion: 83 Resp: 7592
 Ion Ratio Lower Upper
 83 100
 131 8.2 5.2 15.6
 85 59.8 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 8.579 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VD080290.D
 Acq: 06 May 2025 13:33

Tgt Ion: 75 Resp: 8606
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

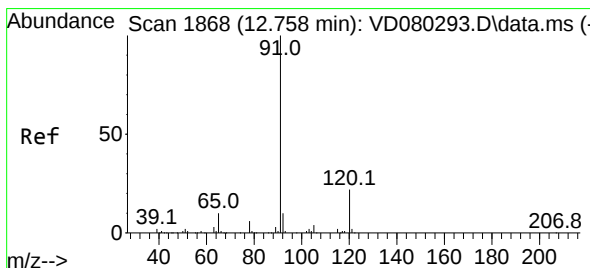
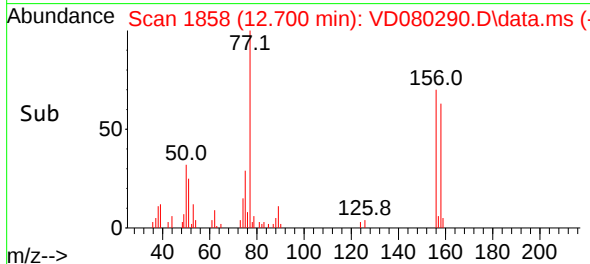
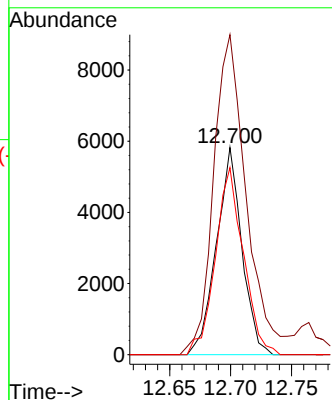
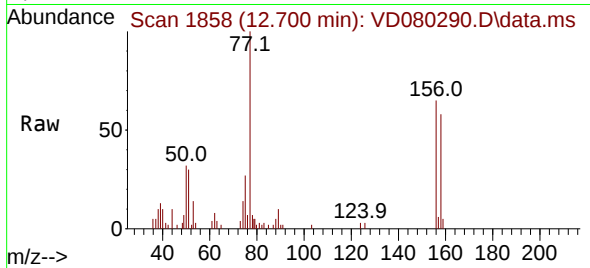




#77
Bromobenzene
Concen: 5.328 ug/l
RT: 12.700 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

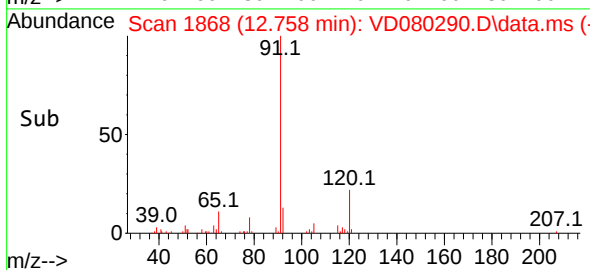
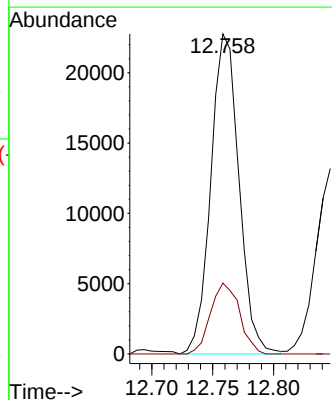
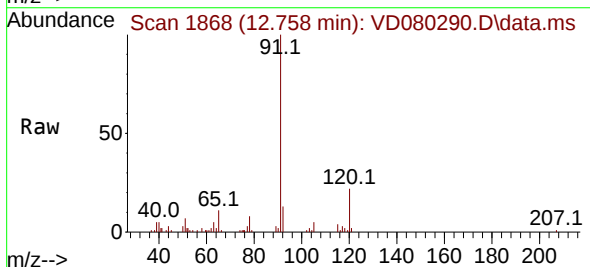
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

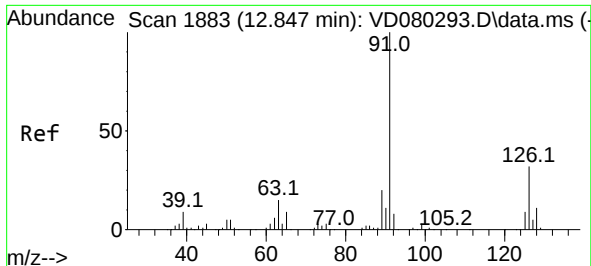
Tgt Ion:156 Resp: 8476
Ion Ratio Lower Upper
156 100
77 196.0 91.6 274.8
158 99.3 47.4 142.2



#78
n-propylbenzene
Concen: 4.765 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion: 91 Resp: 36671
Ion Ratio Lower Upper
91 100
120 22.7 11.0 33.0

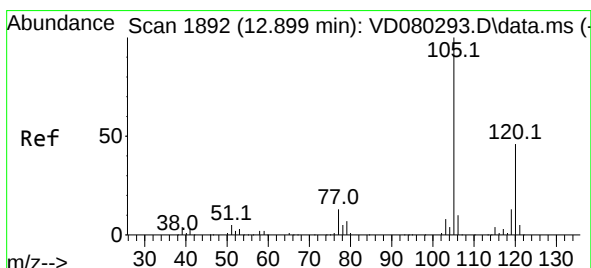
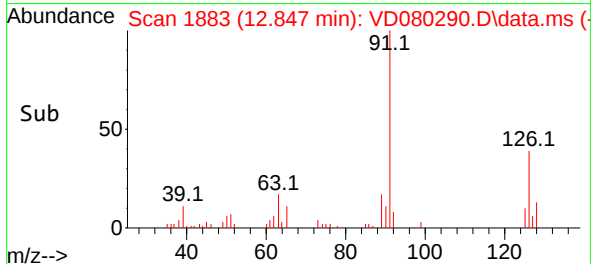
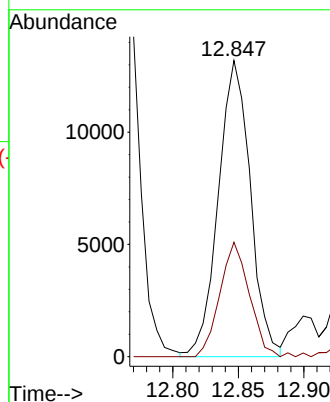
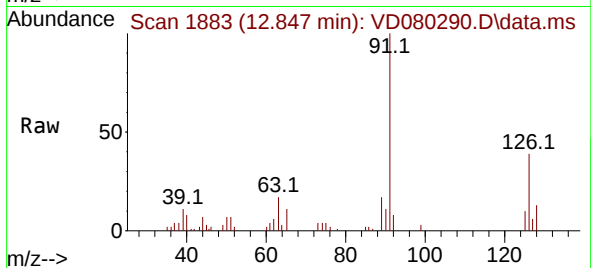




#79
2-Chlorotoluene
Concen: 5.015 ug/l
RT: 12.847 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

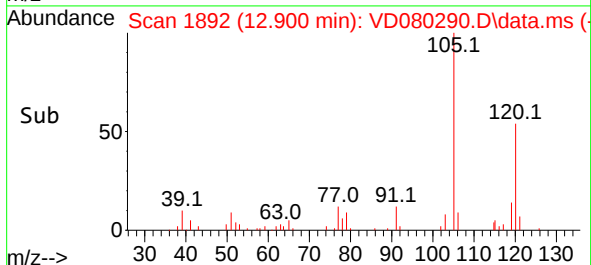
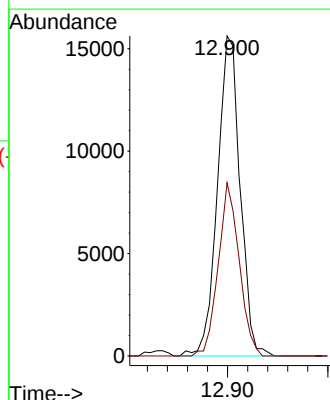
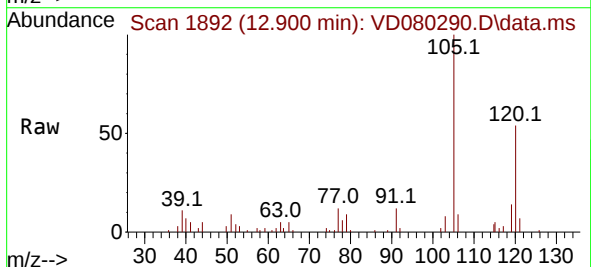
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

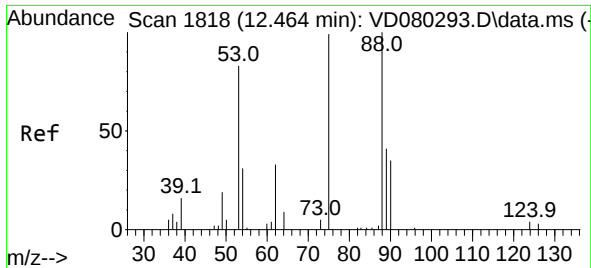
Tgt Ion: 91 Resp: 22451
Ion Ratio Lower Upper
91 100
126 35.6 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 4.687 ug/l
RT: 12.900 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion: 105 Resp: 24517
Ion Ratio Lower Upper
105 100
120 50.0 23.9 71.8

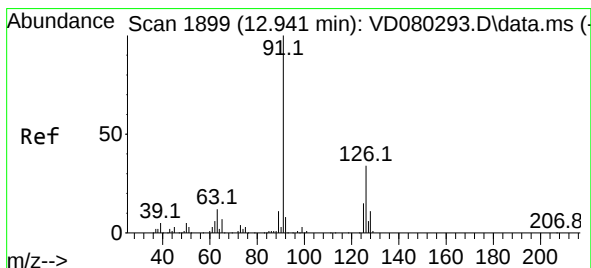
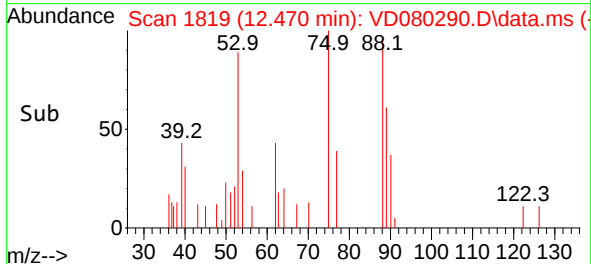
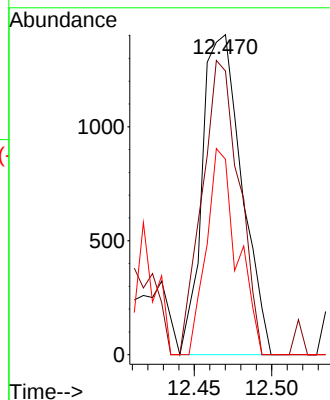
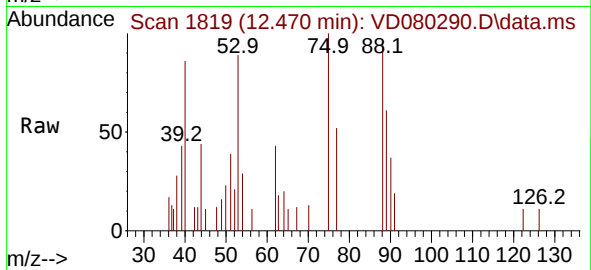




#81
trans-1,4-Dichloro-2-butene
Concen: 5.169 ug/l
RT: 12.470 min Scan# 1818
Delta R.T. 0.006 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

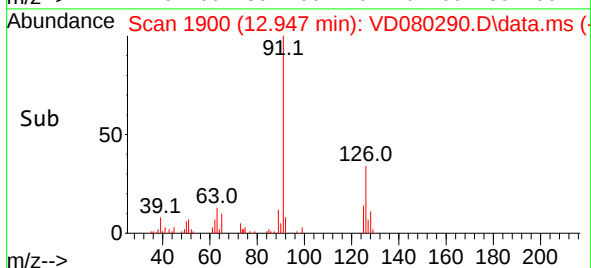
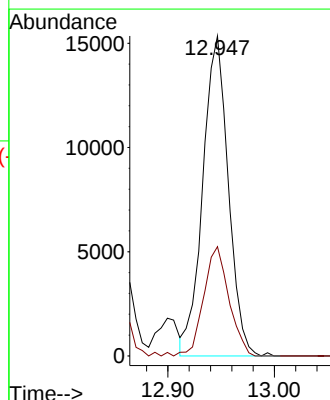
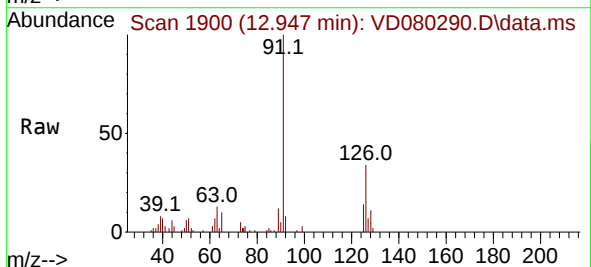
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

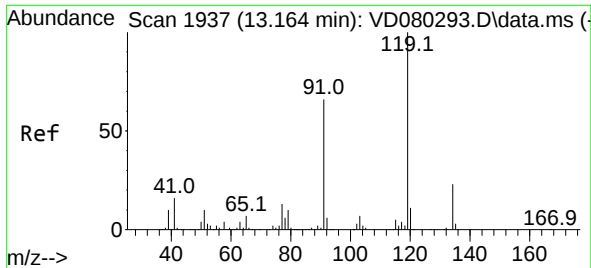
Tgt Ion: 75 Resp: 2485
Ion Ratio Lower Upper
75 100
53 86.2 70.8 106.2
89 50.5 35.9 53.9



#82
4-Chlorotoluene
Concen: 5.289 ug/l
RT: 12.947 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion: 91 Resp: 25557
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.3

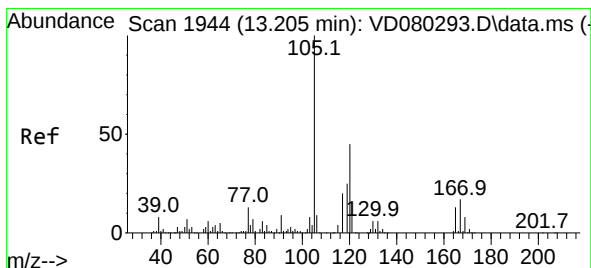
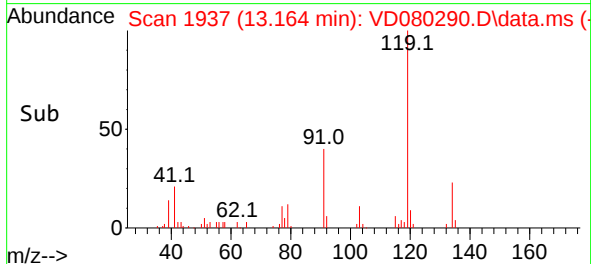
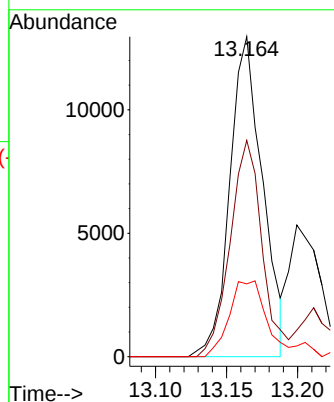
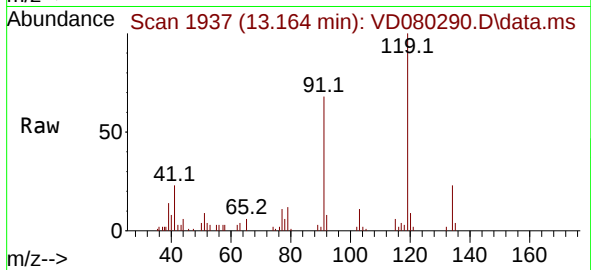




#83
tert-Butylbenzene
Concen: 4.752 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

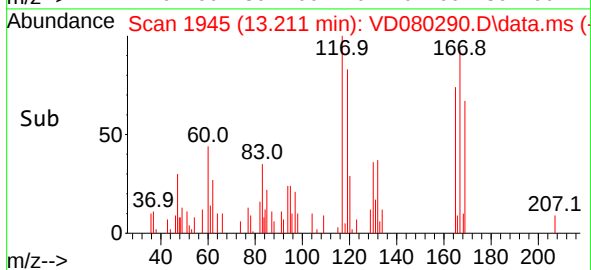
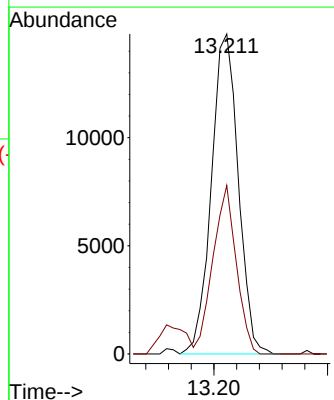
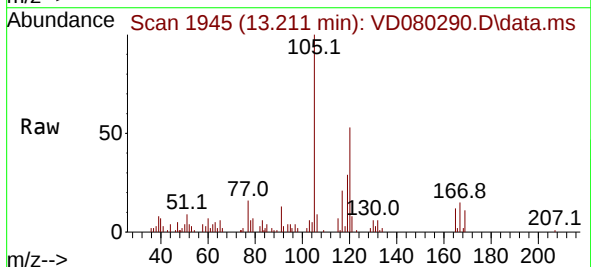
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

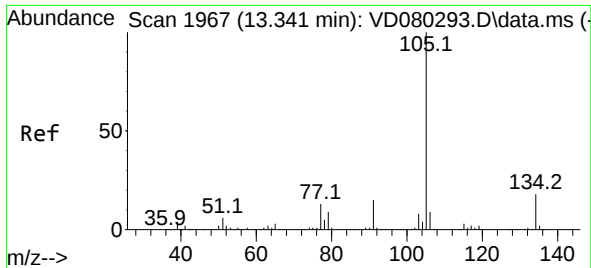
Tgt Ion:119	Resp:	20744
Ion	Ratio	Lower Upper
119	100	
91	66.2	33.3 99.8
134	29.2	13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 4.551 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion:105	Resp:	24355
Ion	Ratio	Lower Upper
105	100	
120	45.8	22.3 66.8

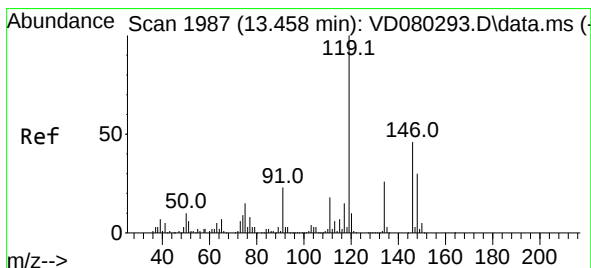
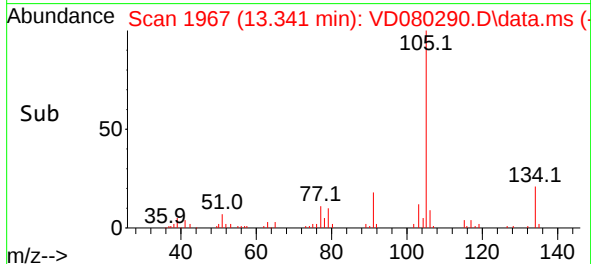
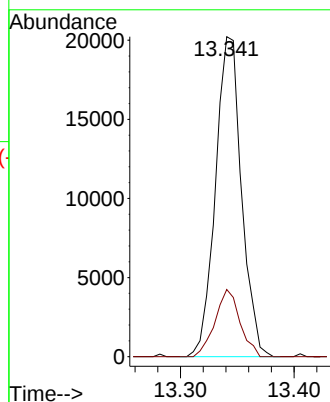
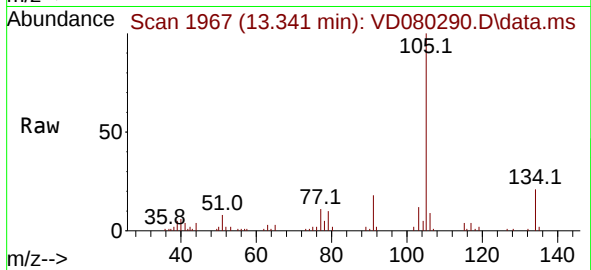




#85
 sec-Butylbenzene
 Concen: 4.785 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080290.D
 Acq: 06 May 2025 13:33

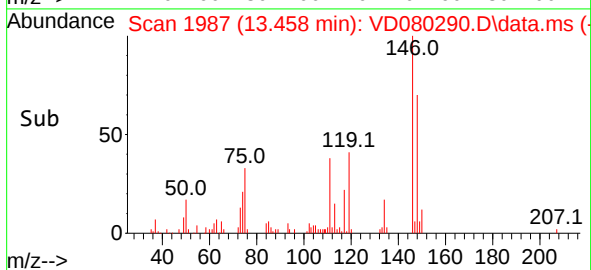
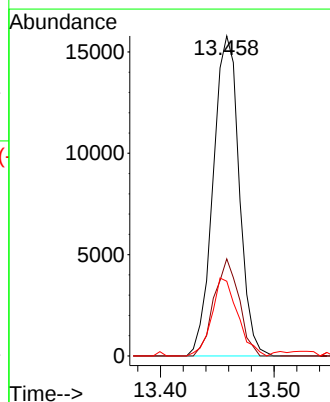
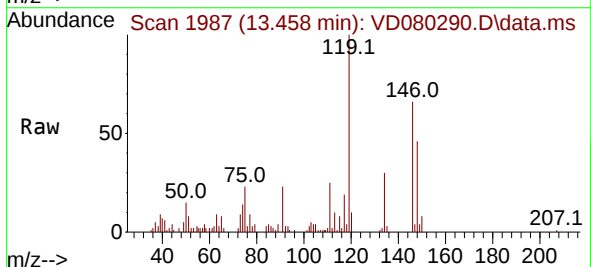
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

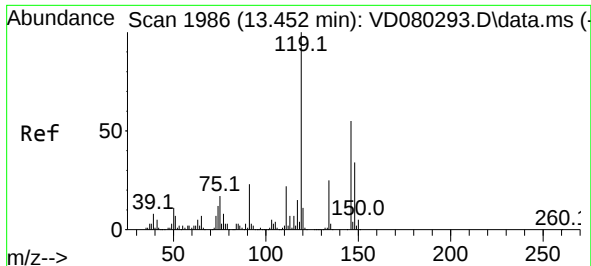
Tgt Ion:105 Resp: 32212
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 4.444 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080290.D
 Acq: 06 May 2025 13:33

Tgt Ion:119 Resp: 25141
 Ion Ratio Lower Upper
 119 100
 134 29.1 12.8 38.4
 91 24.2 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 5.337 ug/l

RT: 13.458 min Scan# 1986

Delta R.T. 0.006 min

Lab File: VD080290.D

Acq: 06 May 2025 13:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

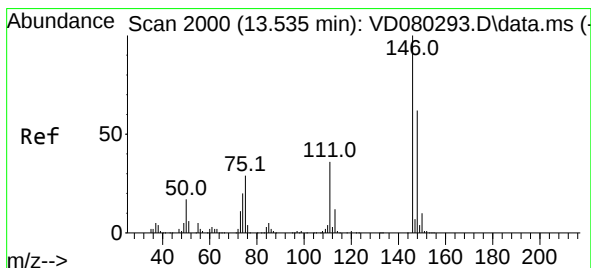
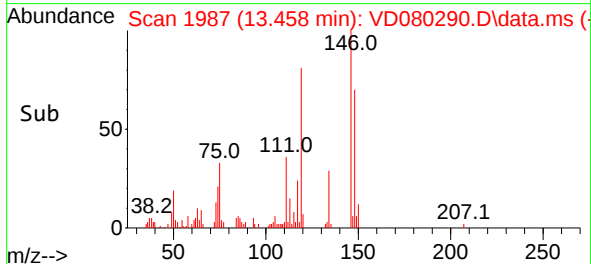
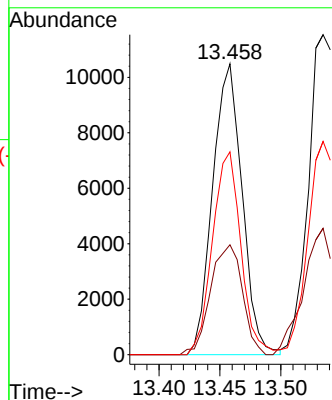
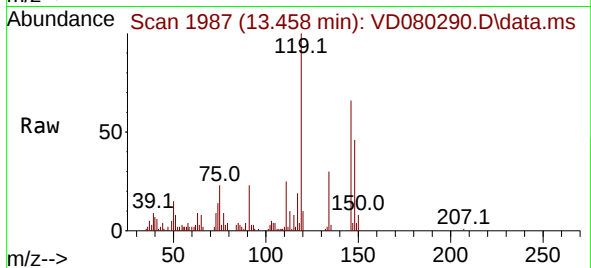
Tgt Ion:146 Resp: 17707

Ion Ratio Lower Upper

146 100

111 40.7 19.9 59.6

148 67.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 5.875 ug/l

RT: 13.535 min Scan# 2000

Delta R.T. 0.000 min

Lab File: VD080290.D

Acq: 06 May 2025 13:33

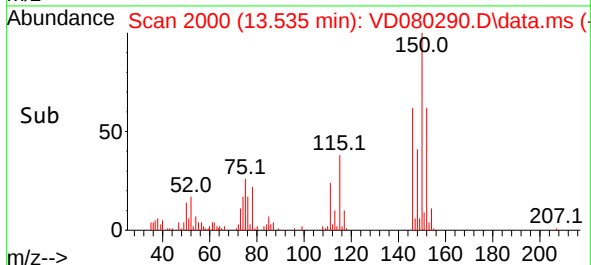
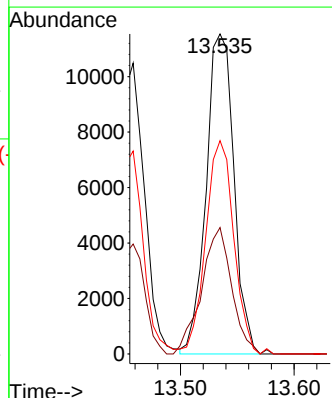
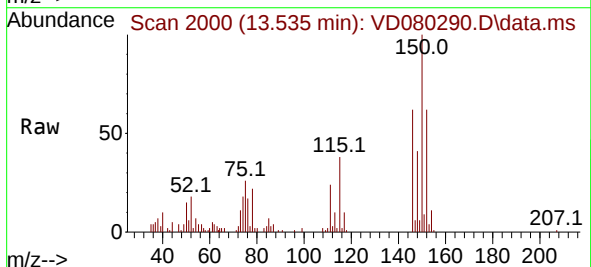
Tgt Ion:146 Resp: 19650

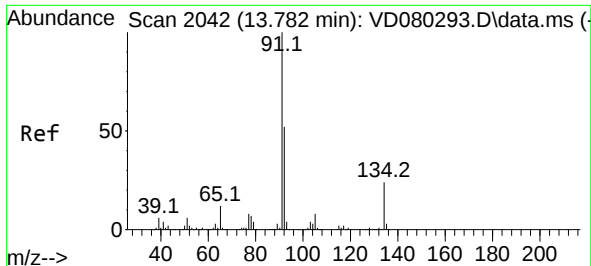
Ion Ratio Lower Upper

146 100

111 42.9 18.9 56.5

148 67.8 31.4 94.0





#89

n-Butylbenzene

Concen: 4.940 ug/l

RT: 13.788 min Scan# 2042

Delta R.T. 0.006 min

Lab File: VD080290.D

Acq: 06 May 2025 13:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

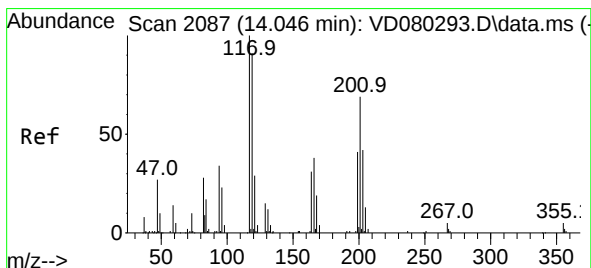
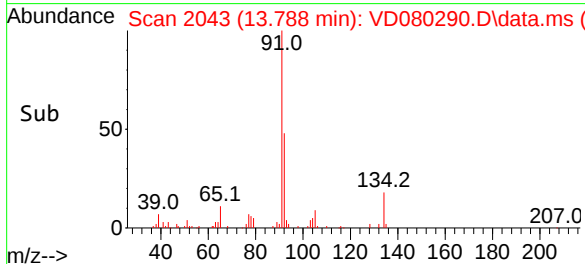
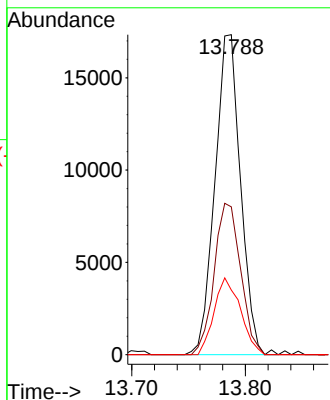
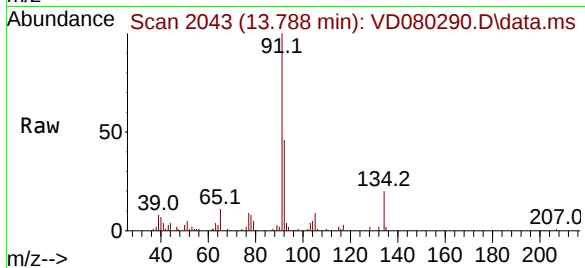
Tgt Ion: 91 Resp: 27132

Ion Ratio Lower Upper

91 100

92 49.0 26.1 78.2

134 24.7 12.0 36.1



#90

Hexachloroethane

Concen: 5.705 ug/l

RT: 14.052 min Scan# 2088

Delta R.T. 0.006 min

Lab File: VD080290.D

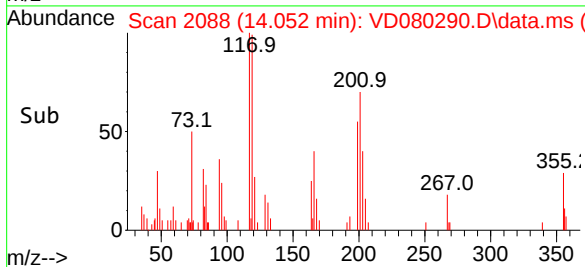
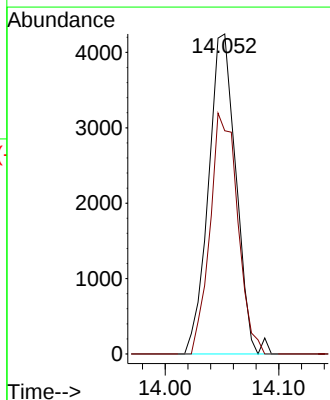
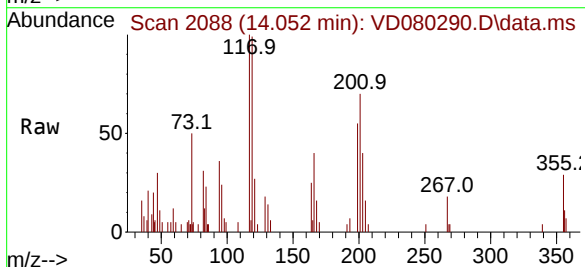
Acq: 06 May 2025 13:33

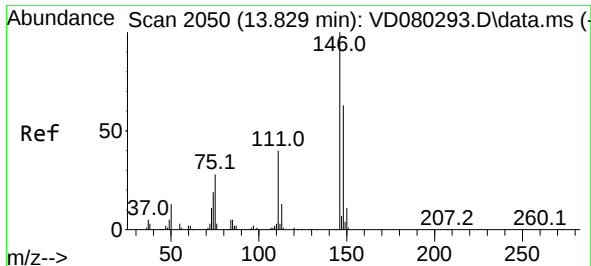
Tgt Ion: 117 Resp: 7141

Ion Ratio Lower Upper

117 100

201 75.7 36.9 110.6

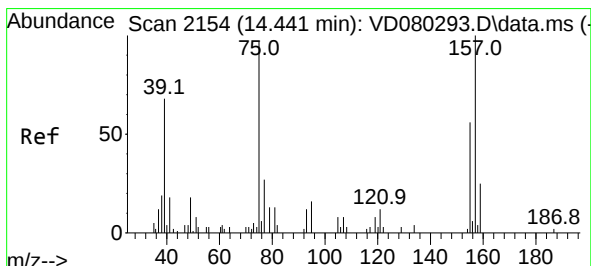
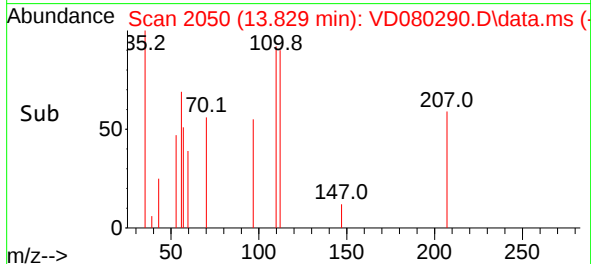
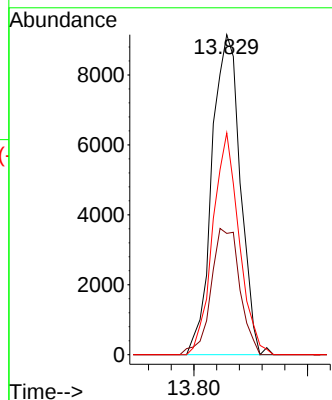
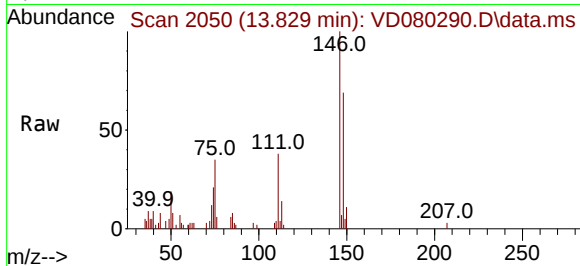




#91
 1,2-Dichlorobenzene
 Concen: 5.501 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VD080290.D
 Acq: 06 May 2025 13:33

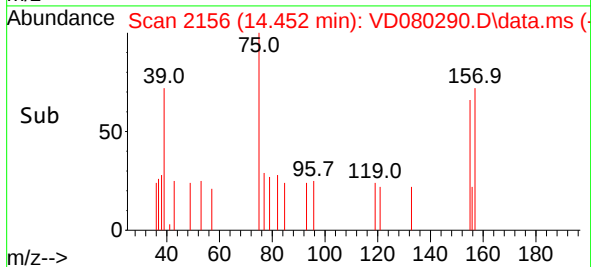
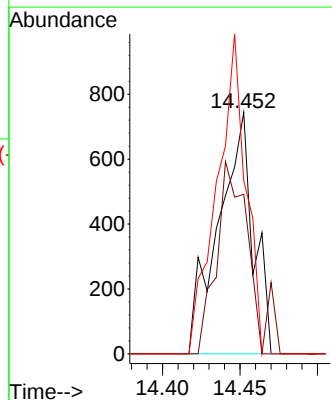
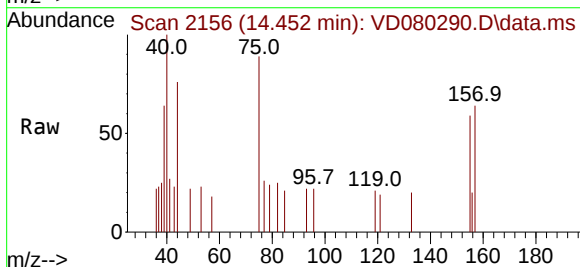
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

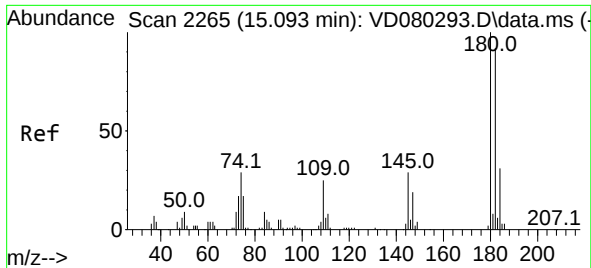
Tgt Ion:	146	Resp:	15854
Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.8	62.5
148	64.4	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.425 ug/l
 RT: 14.452 min Scan# 2156
 Delta R.T. 0.012 min
 Lab File: VD080290.D
 Acq: 06 May 2025 13:33

Tgt Ion:	75	Resp:	1166
Ion	Ratio	Lower	Upper
75	100		
155	74.7	36.3	108.7
157	109.8	52.9	158.8

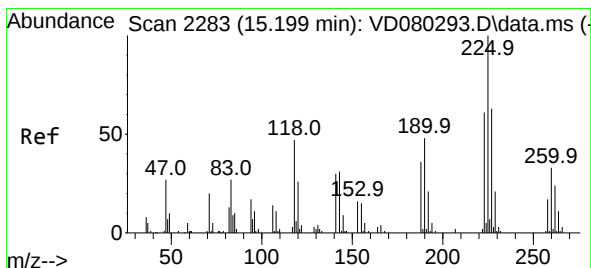
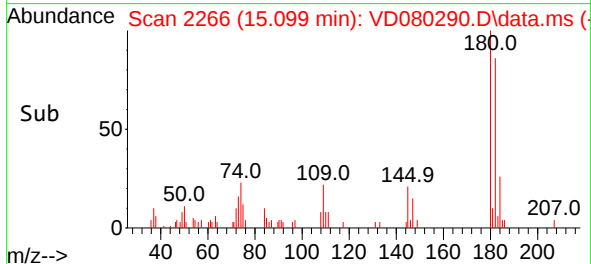
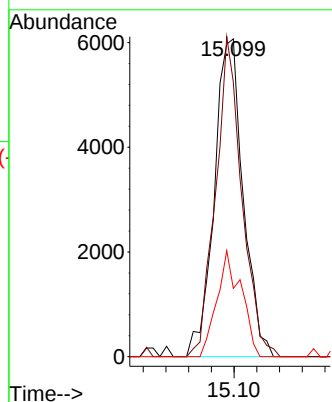
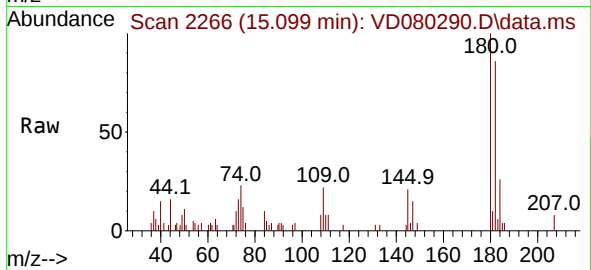




#93
1,2,4-Trichlorobenzene
Concen: 5.933 ug/l
RT: 15.099 min Scan# 2265
Delta R.T. 0.006 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

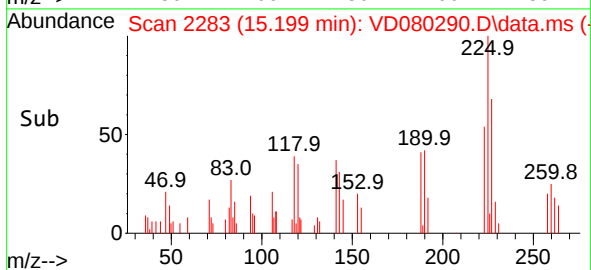
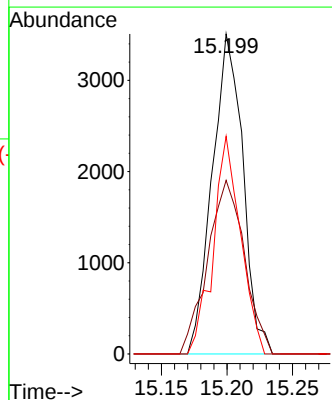
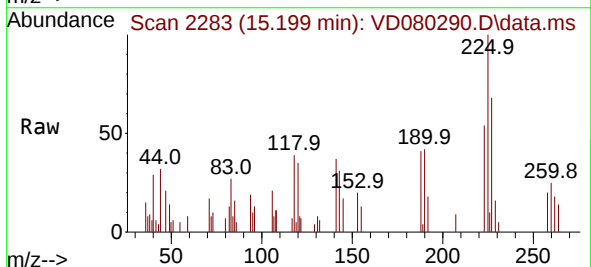
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

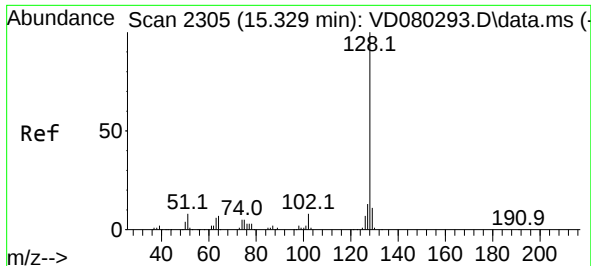
Tgt Ion:180 Resp: 10754
Ion Ratio Lower Upper
180 100
182 91.1 46.7 140.1
145 27.8 14.9 44.5



#94
Hexachlorobutadiene
Concen: 6.042 ug/l
RT: 15.199 min Scan# 2283
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion:225 Resp: 5697
Ion Ratio Lower Upper
225 100
223 65.3 30.3 90.8
227 60.7 32.0 96.2

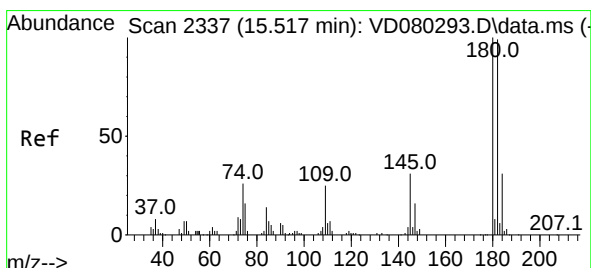
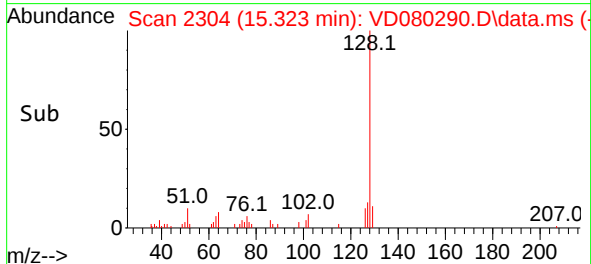
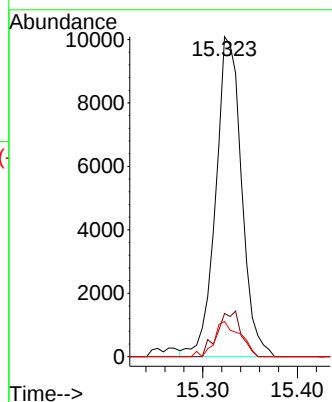
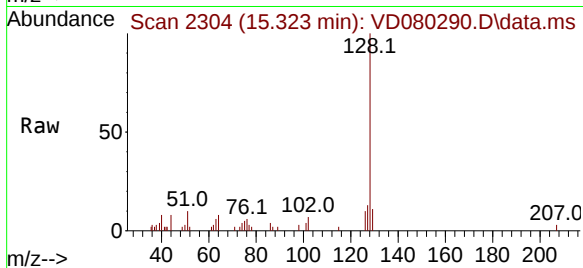




#95
Naphthalene
Concen: 5.622 ug/l
RT: 15.323 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 5.714 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD080290.D
Acq: 06 May 2025 13:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.3	144.9
145	29.8	15.6	46.7

