

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051525\
 Data File : VD080343.D
 Acq On : 15 May 2025 12:53
 Operator : RP/MD
 Sample : Q2039-01
 Misc : 5.00G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-05142025

Quant Time: May 16 02:55:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	3205	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.776	114	6566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.576	117	6063	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	2066	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	2872	69.295	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.580%	
35) Dibromofluoromethane	7.799	113	3075	69.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 139.740%	
50) Toluene-d8	10.270	98	7415	42.763	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 85.520%	
62) 4-Bromofluorobenzene	12.570	95	2157	38.757	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.520%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.017	85	54	Below Cal	#	43
3) Chloromethane	2.153	50	120	Below Cal	#	39
6) Chloroethane	2.817	64	663	11.254	ug/l	# 40
9) 1,1,2-Trichlorotrifluo...	4.047	101	89	2.261	ug/l	# 19
10) Methyl Iodide	4.176	142	55	1.371	ug/l	# 40
11) Tert butyl alcohol	5.105	59	64	25.447	ug/l	# 82
12) 1,1-Dichloroethene	4.106	96	53	1.366	ug/l	# 1
13) Acrolein	3.788	56	58	13.107	ug/l	# 13
15) Acrylonitrile	5.323	53	76	8.016	ug/l	# 73
16) Acetone	4.006	43	258	23.176	ug/l	# 43
18) Methyl Acetate	4.558	43	66	2.461	ug/l	# 49
20) Methylene Chloride	4.782	84	53	Below Cal	#	11
25) 2-Butanone	7.088	43	74	6.489	ug/l	# 47
26) 2,2-Dichloropropane	7.141	77	122	1.938	ug/l	# 51
27) cis-1,2-Dichloroethene	7.035	96	55	1.177	ug/l	# 67
28) Bromochloromethane	7.441	49	249	6.760	ug/l	# 10
29) Tetrahydrofuran	7.394	42	139	18.694	ug/l	94
31) Cyclohexane	7.899	56	86	1.277	ug/l	# 13
36) 1,1-Dichloropropene	8.099	75	69	1.049	ug/l	# 40
37) Ethyl Acetate	7.158	43	56	1.628	ug/l	# 68
38) Carbon Tetrachloride	7.876	117	128	1.866	ug/l	# 14
39) Methylcyclohexane	9.393	83	79	1.035	ug/l	# 18
41) Methacrylonitrile	7.388	41	507	26.639	ug/l	# 23
43) Isopropyl Acetate	8.364	43	72	1.154	ug/l	# 49
45) 1,2-Dichloropropane	9.370	63	65	1.230	ug/l	# 42
46) Dibromomethane	9.546	93	54	1.877	ug/l	# 3
48) Methyl methacrylate	9.393	41	175	5.906	ug/l	# 29
49) 1,4-Dioxane	9.411	88	64	187.068	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.217	43	120	3.734	ug/l	88
56) Ethyl methacrylate	10.535	69	60	1.301	ug/l	# 27
57) 1,3-Dichloropropane	10.929	76	101	1.597	ug/l	# 43
58) 2-Chloroethyl Vinyl ether	9.946	63	166	8.794	ug/l	# 48
59) 2-Hexanone	11.152	43	111	5.022	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.693	131	67	1.425	ug/l	# 7
74) N-amyl acetate	12.229	43	54	1.404	ug/l	# 7
75) 1,1,2,2-Tetrachloroethane	12.864	83	60	2.036	ug/l	# 25

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TR-05-05142025

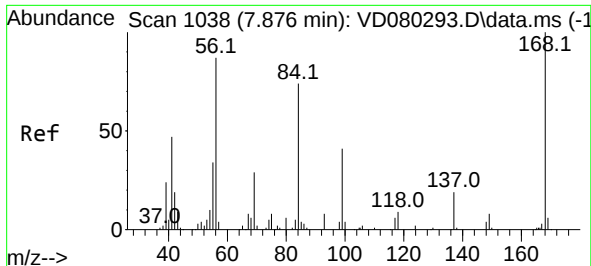
Quant Time: May 16 02:55:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260
QLast Update : Wed May 07 08:57:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	12.658	75	58	2.909	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.576	75	1451	138.129	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.476	75	58	12.348	ug/l #	2

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

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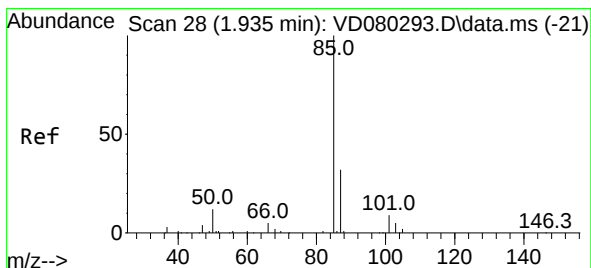
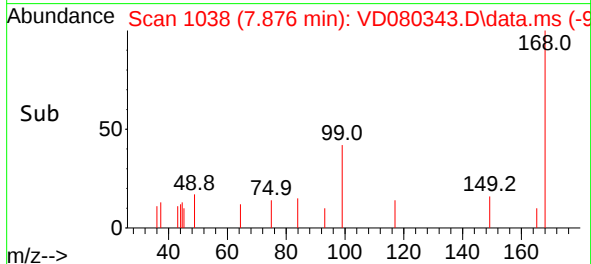
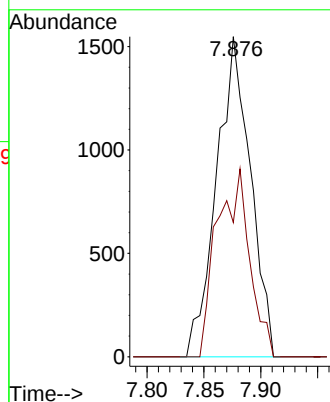
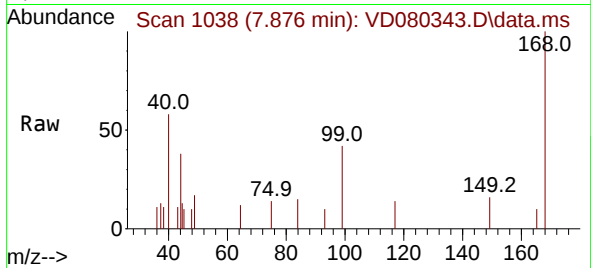




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

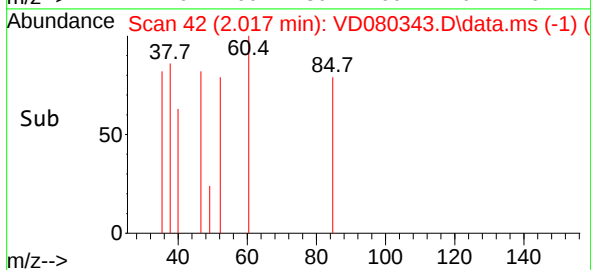
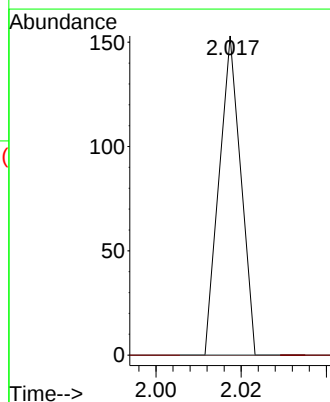
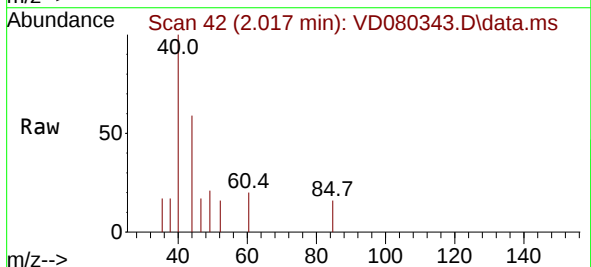
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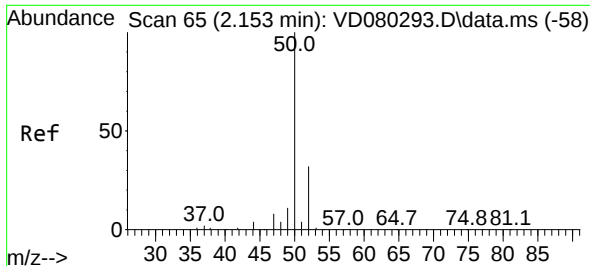
Tgt Ion:168 Resp: 3205
Ion Ratio Lower Upper
168 100
99 42.0 46.0 69.0#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.017 min Scan# 42
Delta R.T. 0.083 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

Tgt Ion: 85 Resp: 54
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

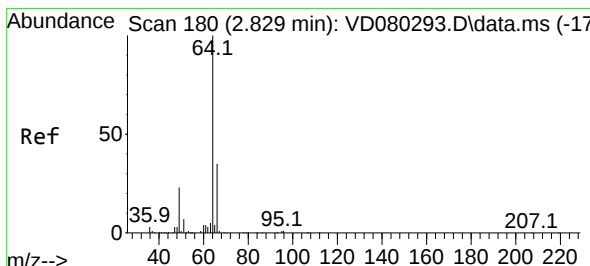
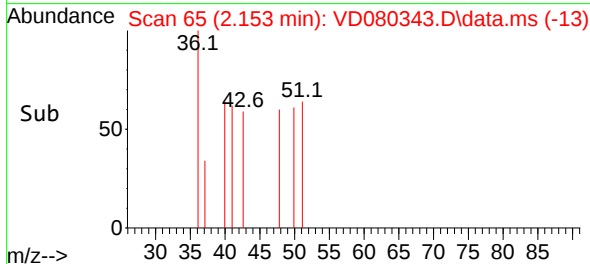
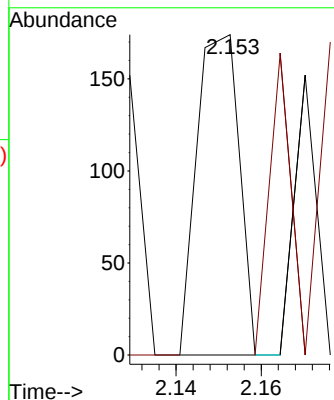
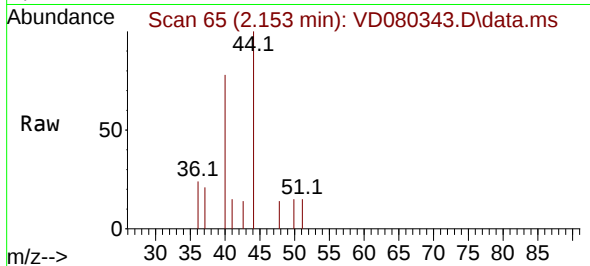




#3
Chloromethane
Concen: Below Cal
RT: 2.153 min Scan# 61
Delta R.T. 0.007 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

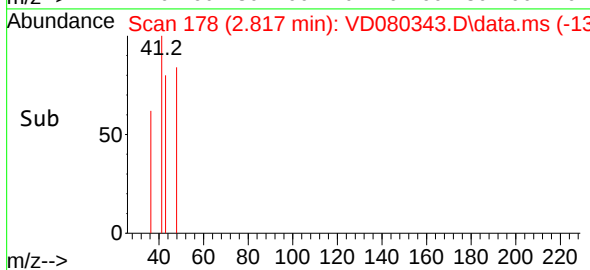
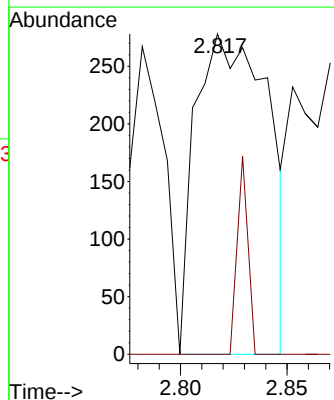
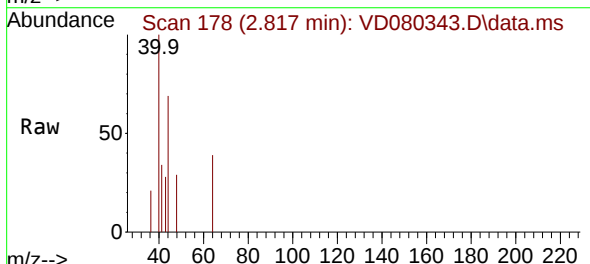
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MSVOA_D
ClientSampleId :
TR-05-05142025

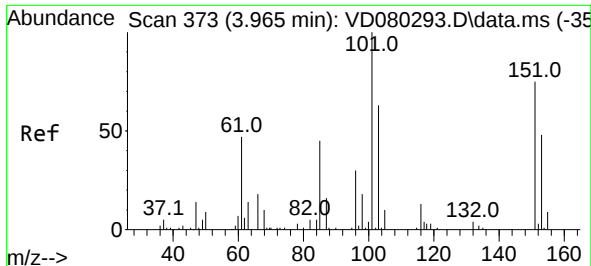
Tgt Ion: 50 Resp: 120
Ion Ratio Lower Upper
50 100
52 0.0 28.8 43.2#



#6
Chloroethane
Concen: 11.254 ug/l
RT: 2.817 min Scan# 178
Delta R.T. -0.017 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

Tgt Ion: 64 Resp: 663
Ion Ratio Lower Upper
64 100
66 0.0 27.6 41.4#

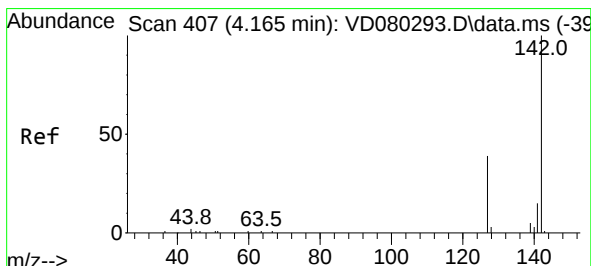
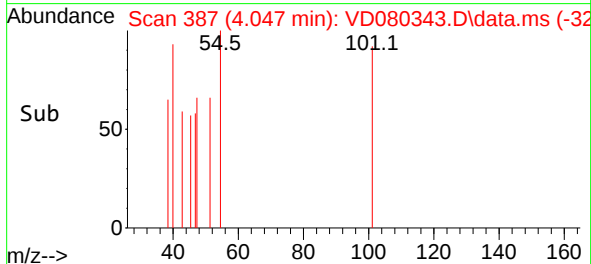
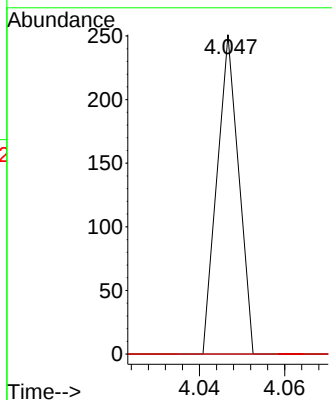
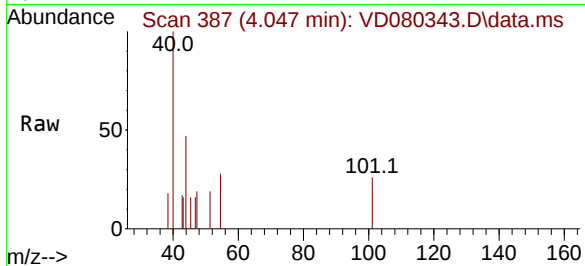




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.261 ug/l
RT: 4.047 min Scan# 387
Delta R.T. 0.077 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

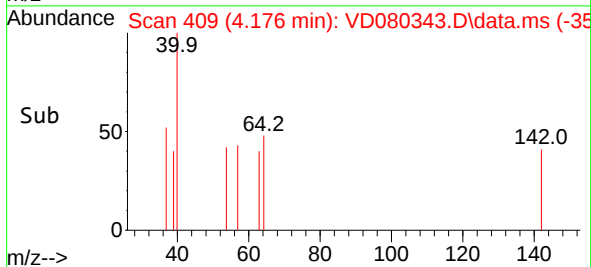
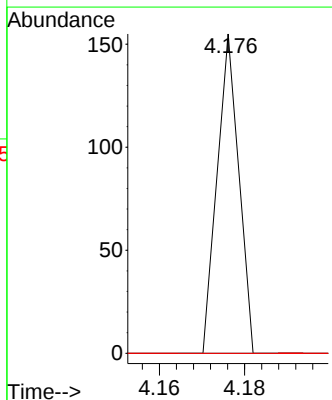
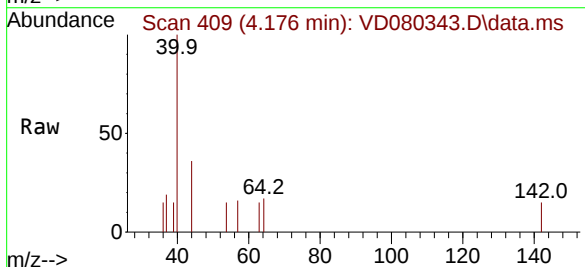
Instrument :
MSVOA_D
ClientSampleId :
TR-05-05142025

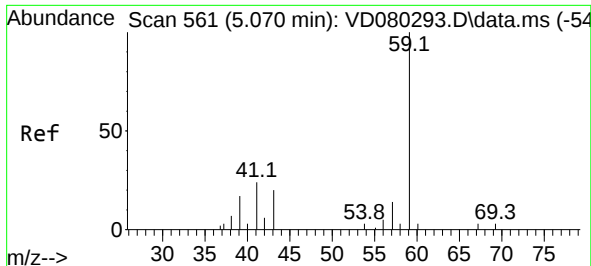
Tgt Ion:101 Resp: 89
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 60.3 90.5#



#10
Methyl Iodide
Concen: 1.371 ug/l
RT: 4.176 min Scan# 409
Delta R.T. 0.012 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

Tgt Ion:142 Resp: 55
Ion Ratio Lower Upper
142 100
127 0.0 35.3 52.9#
141 0.0 12.2 18.2#

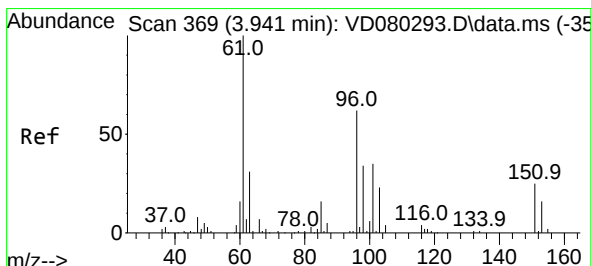
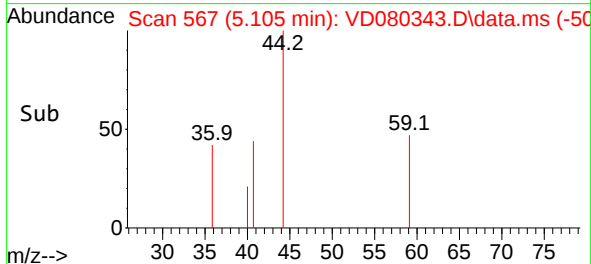
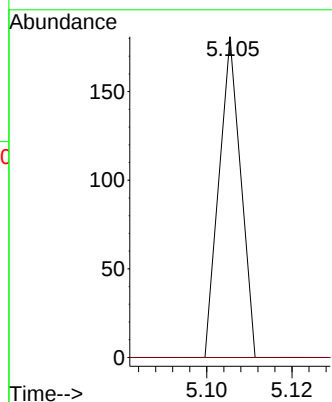
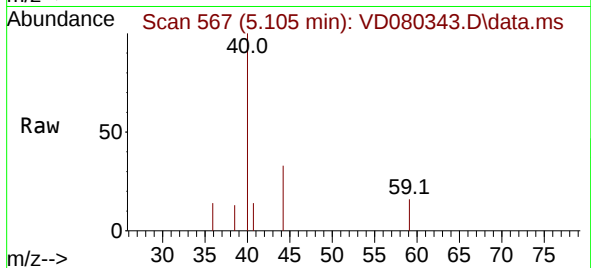




#11
Tert butyl alcohol
Concen: 25.447 ug/l
RT: 5.105 min Scan# 50
Delta R.T. 0.047 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

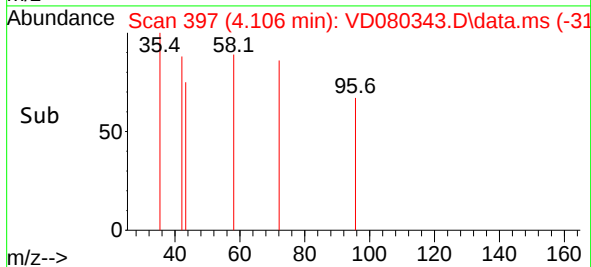
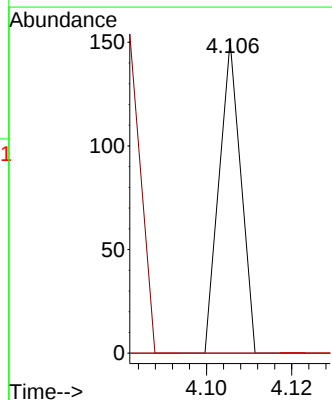
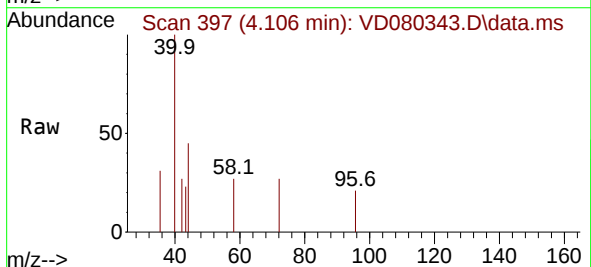
Instrument :
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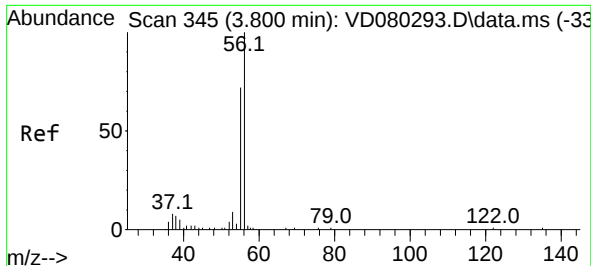
Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 4.8 7.2#



#12
1,1-Dichloroethene
Concen: 1.366 ug/l
RT: 4.106 min Scan# 397
Delta R.T. 0.166 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

Tgt Ion: 96 Resp: 53
Ion Ratio Lower Upper
96 100
61 0.0 122.6 184.0#
98 0.0 47.1 70.7#

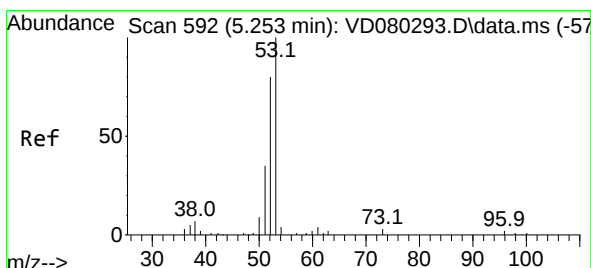
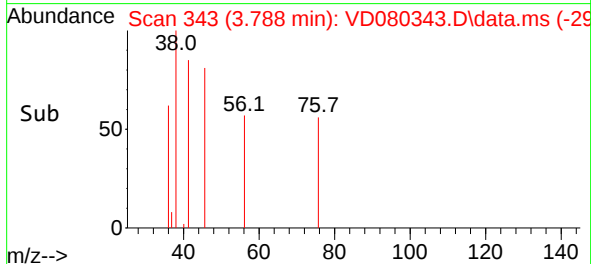
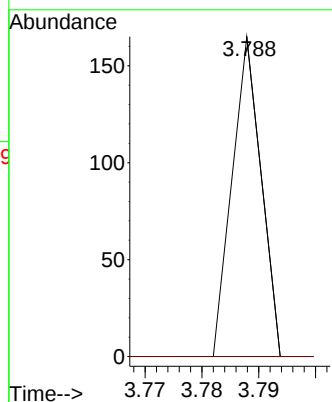
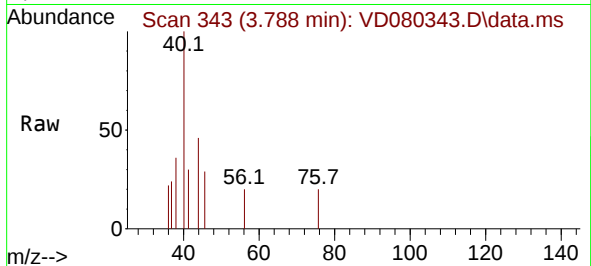




#13
Acrolein
Concen: 13.107 ug/l
RT: 3.788 min Scan# 34
Delta R.T. -0.005 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

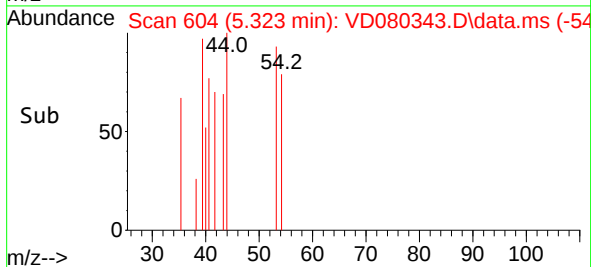
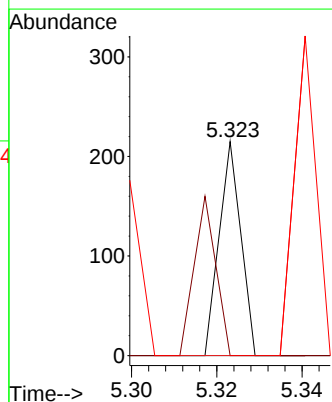
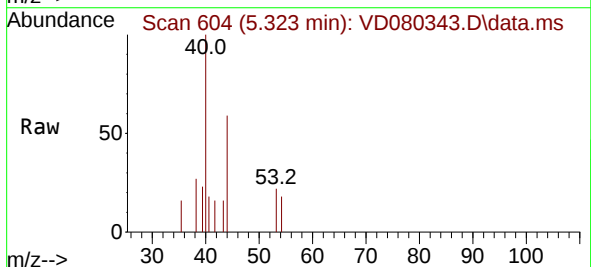
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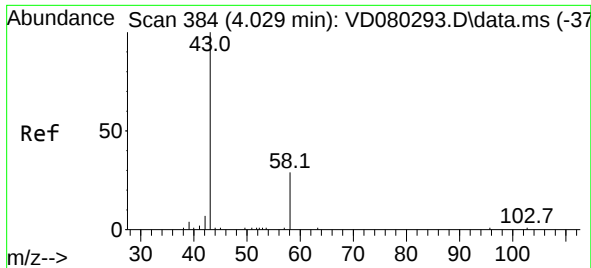
Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.2#



#15
Acrylonitrile
Concen: 8.016 ug/l
RT: 5.323 min Scan# 604
Delta R.T. 0.071 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

Tgt Ion: 53 Resp: 76
Ion Ratio Lower Upper
53 100
52 73.7 66.2 99.4
51 0.0 30.3 45.5#

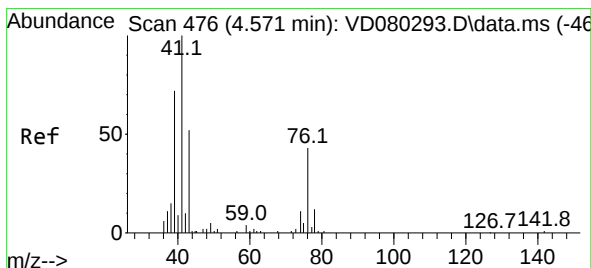
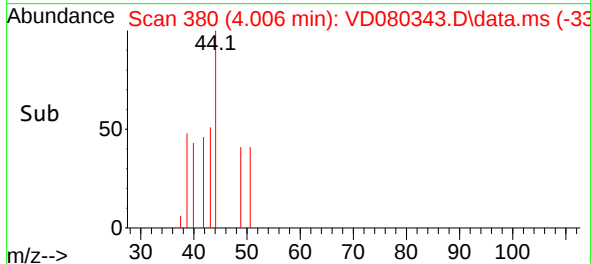
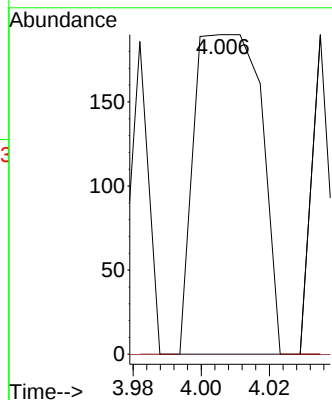
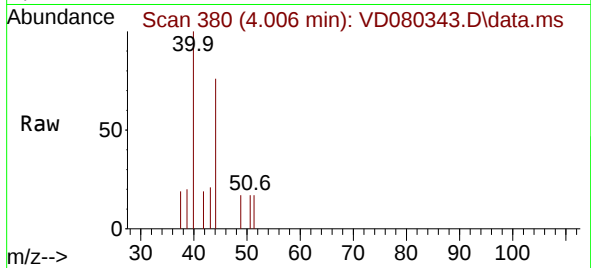




#16
Acetone
Concen: 23.176 ug/l
RT: 4.006 min Scan# 31
Delta R.T. -0.017 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

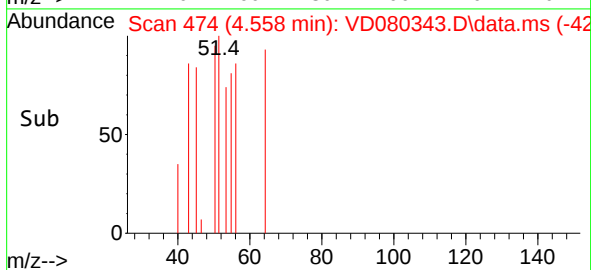
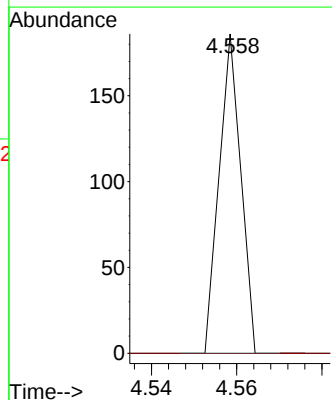
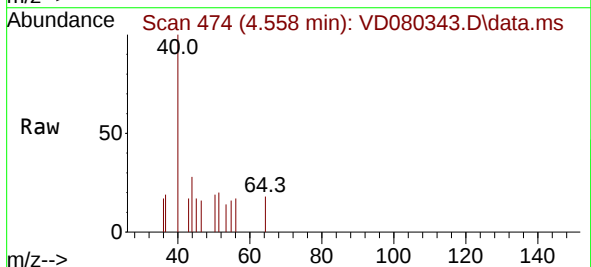
Instrument :
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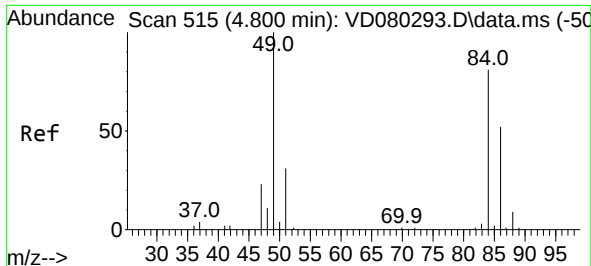
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Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.2#



#18
Methyl Acetate
Concen: 2.461 ug/l
RT: 4.558 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

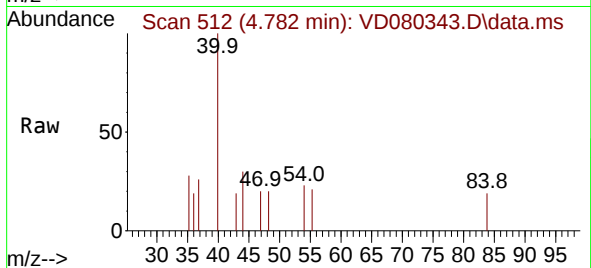
Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
74 0.0 20.5 30.7#



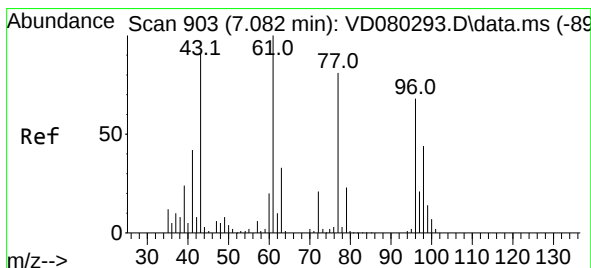
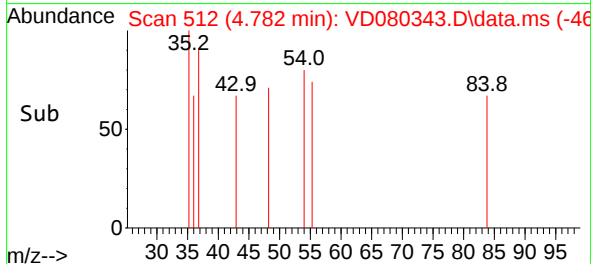
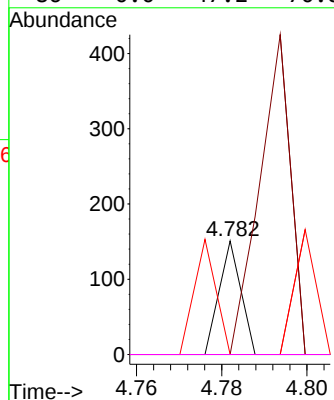


#20
Methylene Chloride
Concen: Below Cal
RT: 4.782 min Scan# 515
Delta R.T. -0.023 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

Instrument :
MSVOA_D
ClientSampleId :
TR-05-05142025

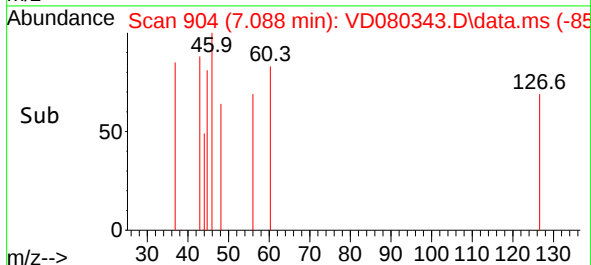
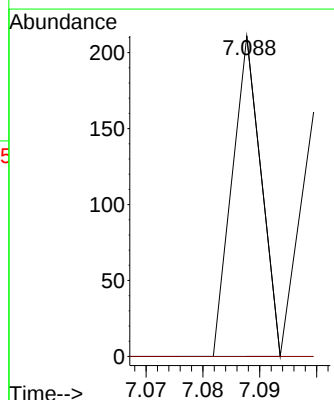
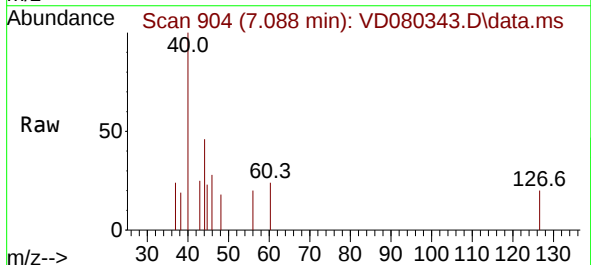


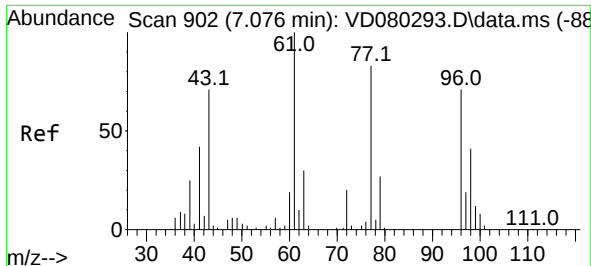
Tgt Ion:	84	Resp:	53
Ion	Ratio	Lower	Upper
84	100		
49	0.0	86.5	129.7#
51	0.0	26.9	40.3#
86	0.0	47.2	70.8#



#25
2-Butanone
Concen: 6.489 ug/l
RT: 7.088 min Scan# 904
Delta R.T. 0.001 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

Tgt Ion:	43	Resp:	74
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.3	33.5#





#26

2,2-Dichloropropane

Concen: 1.938 ug/l

RT: 7.141 min Scan# 911

Delta R.T. 0.066 min

Lab File: VD080343.D

Acq: 15 May 2025 12:53

Instrument :

MSVOA_D

ClientSampleId :

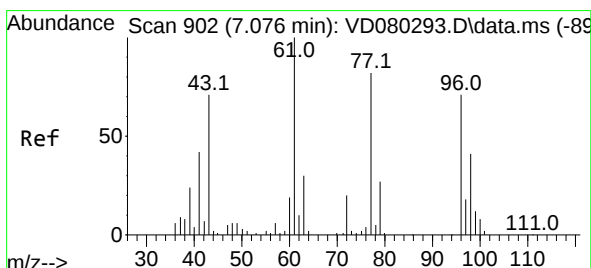
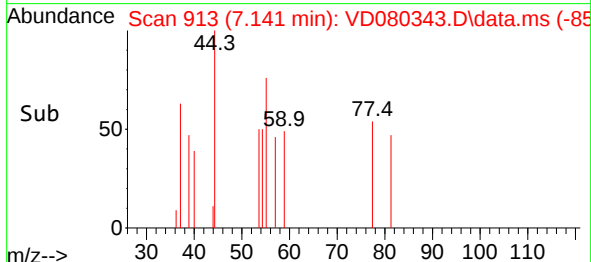
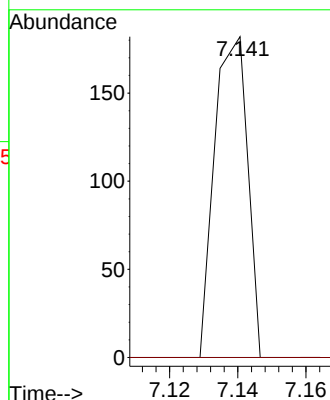
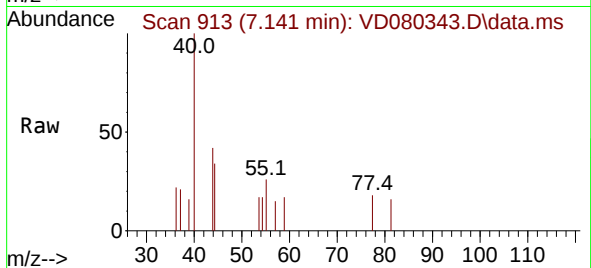
TR-05-05142025

Tgt Ion: 77 Resp: 122

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.9#



#27

cis-1,2-Dichloroethene

Concen: 1.177 ug/l

RT: 7.035 min Scan# 895

Delta R.T. -0.046 min

Lab File: VD080343.D

Acq: 15 May 2025 12:53

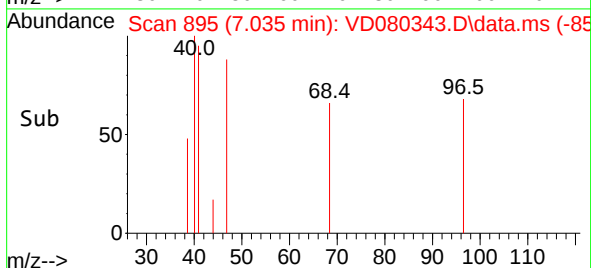
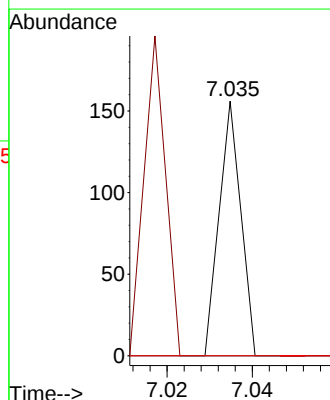
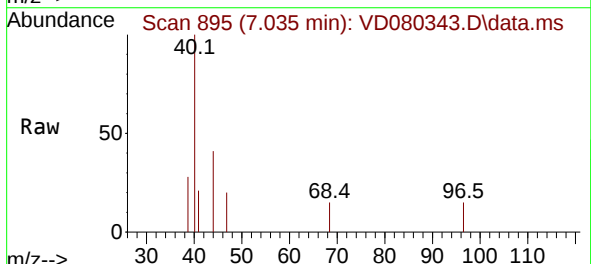
Tgt Ion: 96 Resp: 55

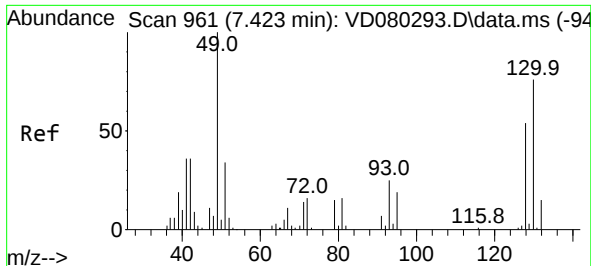
Ion Ratio Lower Upper

96 100

61 125.5 0.0 278.2

98 0.0 0.0 127.8

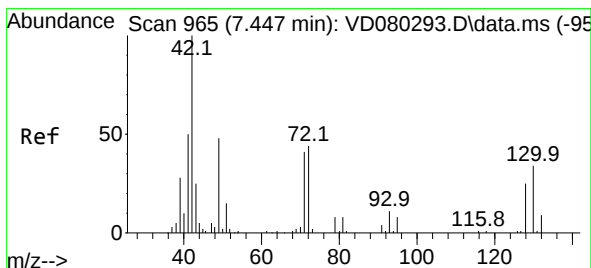
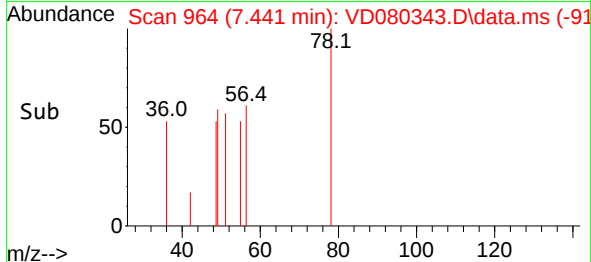
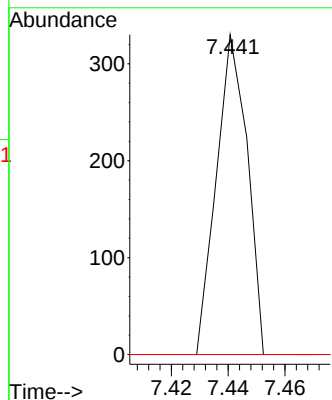
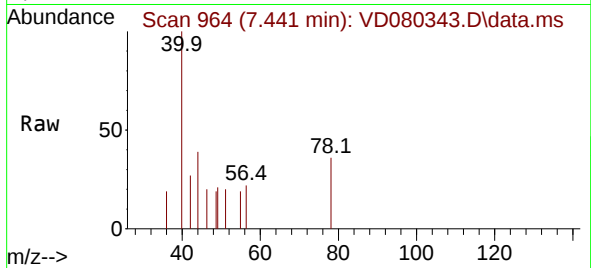




#28
Bromochloromethane
Concen: 6.760 ug/l
RT: 7.441 min Scan# 91
Delta R.T. 0.013 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

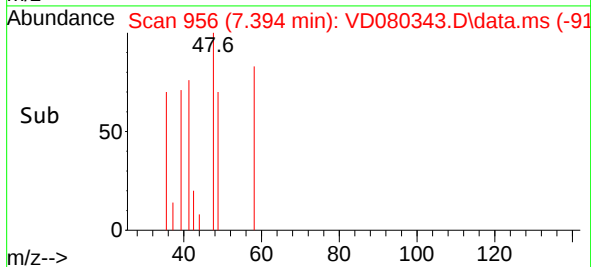
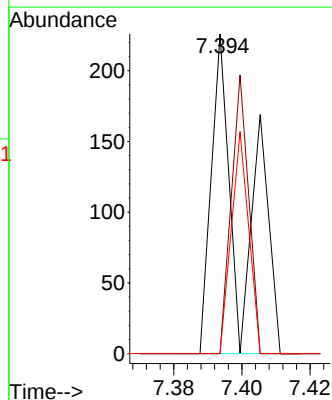
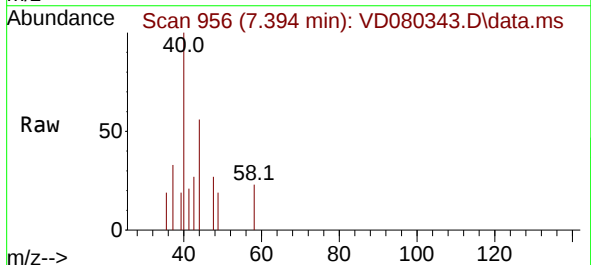
Instrument :
MSVOA_D
ClientSampleId :
TR-05-05142025

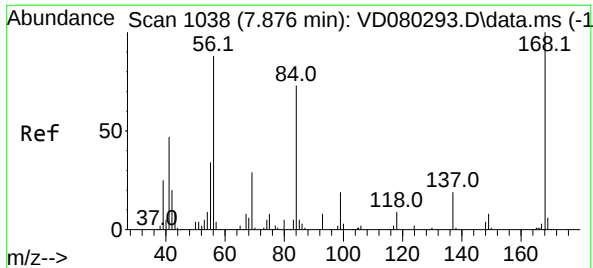
Tgt Ion: 49 Resp: 249
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 0.0 64.6 97.0#



#29
Tetrahydrofuran
Concen: 18.694 ug/l
RT: 7.394 min Scan# 956
Delta R.T. -0.052 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

Tgt Ion: 42 Resp: 139
Ion Ratio Lower Upper
42 100
72 50.4 36.7 55.1
71 39.6 34.4 51.6

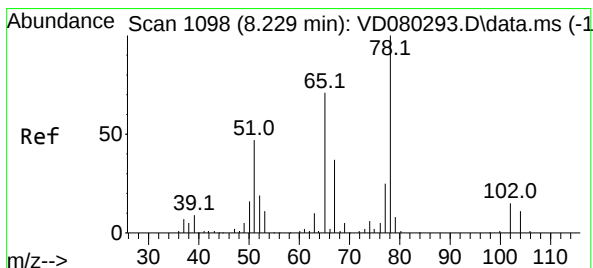
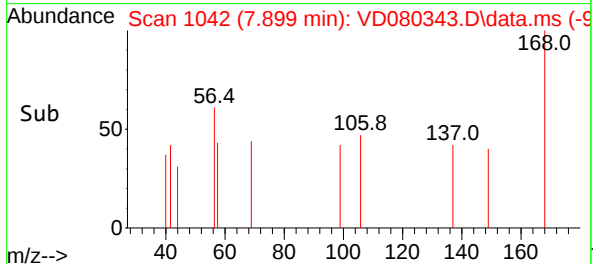
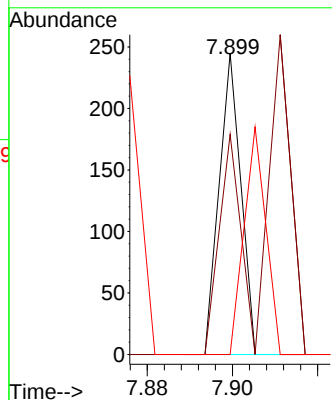
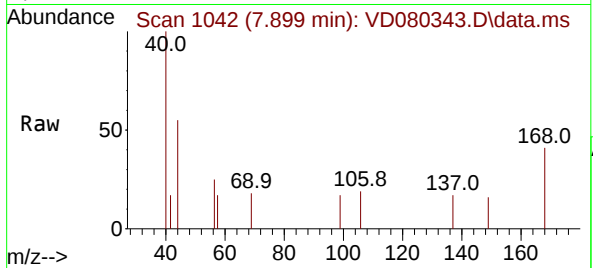




#31
Cyclohexane
Concen: 1.277 ug/l
RT: 7.899 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

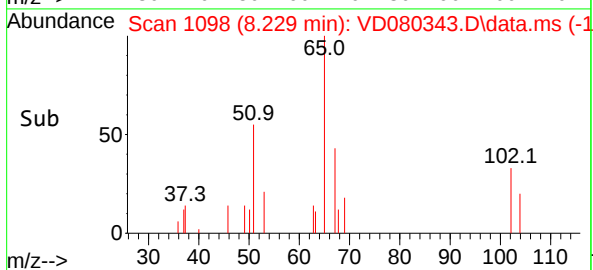
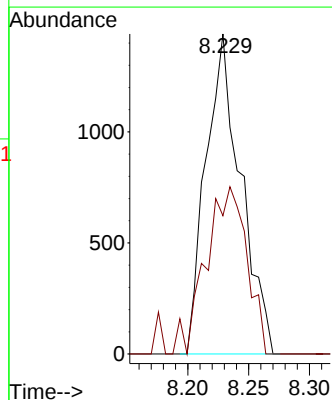
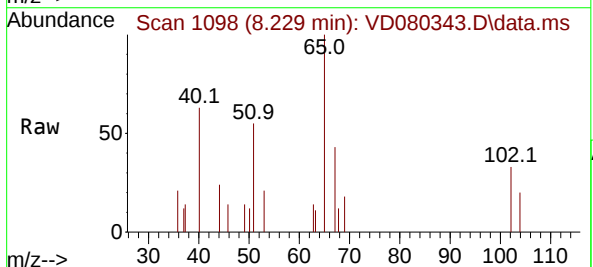
Instrument :
MSVOA_D
ClientSampleId :
TR-05-05142025

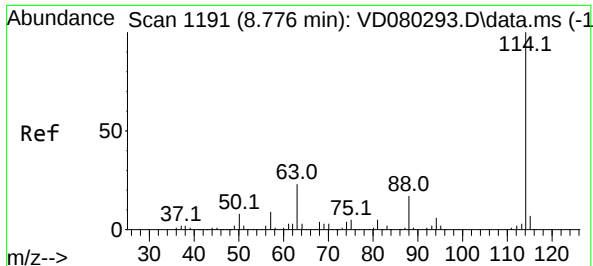
Tgt Ion: 56 Resp: 86
Ion Ratio Lower Upper
56 100
69 73.1 27.3 40.9#
84 0.0 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 69.295 ug/l
RT: 8.229 min Scan# 1098
Delta R.T. 0.001 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

Tgt Ion: 65 Resp: 2872
Ion Ratio Lower Upper
65 100
67 61.6 0.0 109.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.001 min

Lab File: VD080343.D

Acq: 15 May 2025 12:53

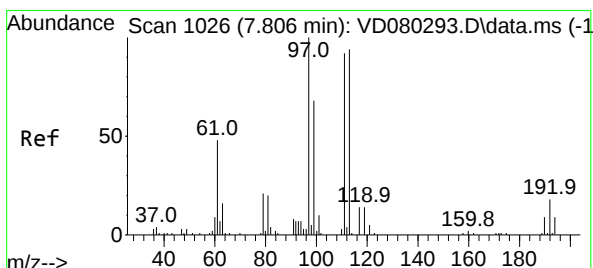
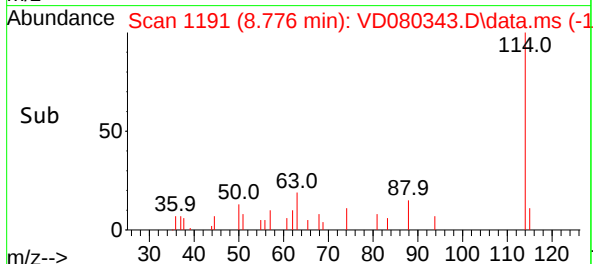
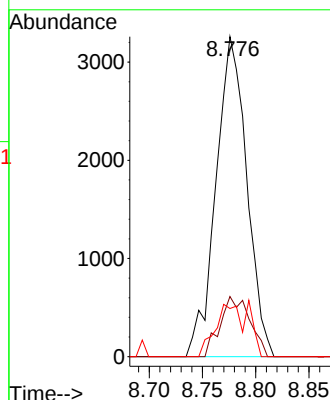
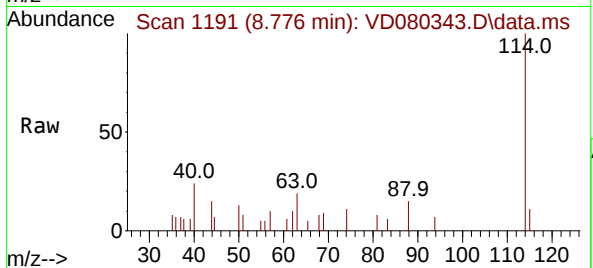
Instrument :

MSVOA_D

ClientSampleId :

TR-05-05142025

Tgt Ion:114	Resp:	6566
Ion	Ratio	Lower Upper
114	100	
63	18.8	0.0 38.8
88	15.0	0.0 30.6



#35

Dibromofluoromethane

Concen: 69.874 ug/l

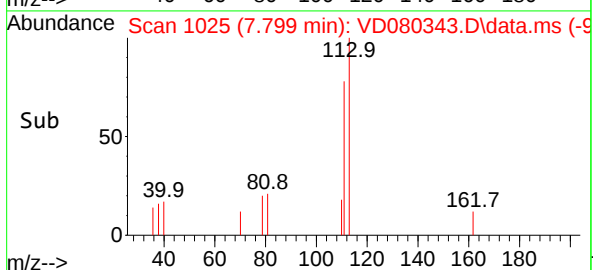
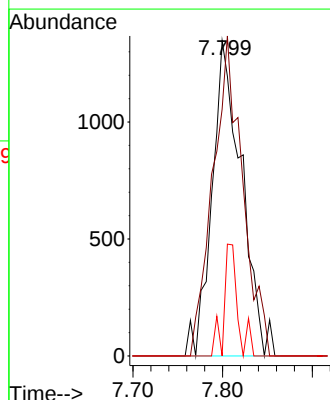
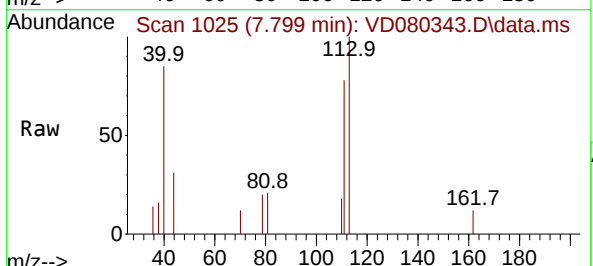
RT: 7.799 min Scan# 1025

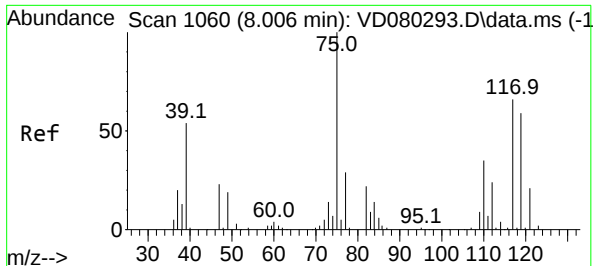
Delta R.T. -0.006 min

Lab File: VD080343.D

Acq: 15 May 2025 12:53

Tgt Ion:113	Resp:	3075
Ion	Ratio	Lower Upper
113	100	
111	102.2	82.5 123.7
192	16.5	16.6 25.0#





#36

1,1-Dichloropropene

Concen: 1.049 ug/l

RT: 8.099 min Scan# 1

Delta R.T. 0.094 min

Lab File: VD080343.D

Acq: 15 May 2025 12:53

Instrument :

MSVOA_D

ClientSampleId :

TR-05-05142025

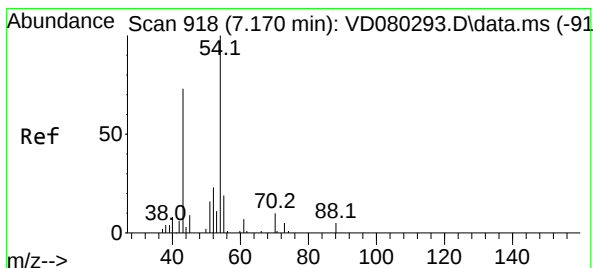
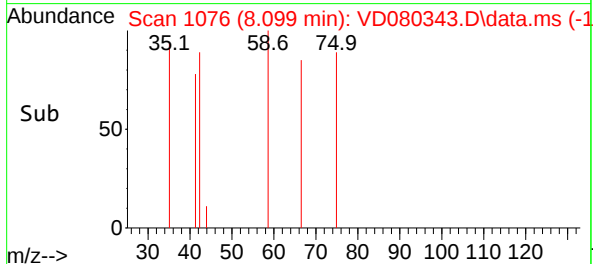
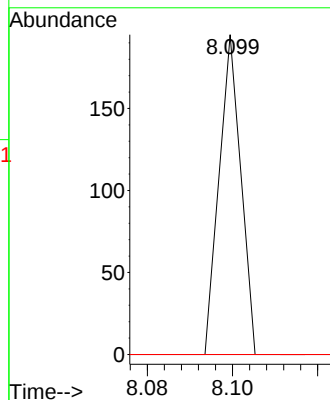
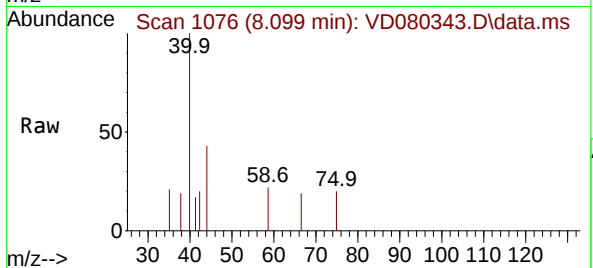
Tgt Ion: 75 Resp: 69

Ion Ratio Lower Upper

75 100

110 0.0 18.4 55.0#

77 0.0 25.6 38.4#



#37

Ethyl Acetate

Concen: 1.628 ug/l

RT: 7.158 min Scan# 916

Delta R.T. -0.011 min

Lab File: VD080343.D

Acq: 15 May 2025 12:53

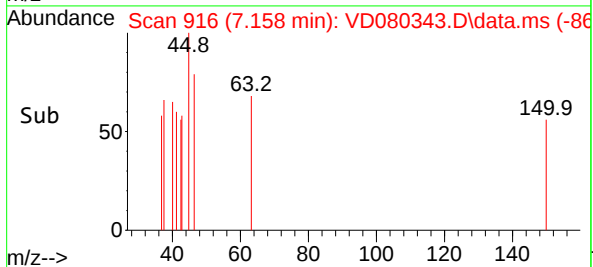
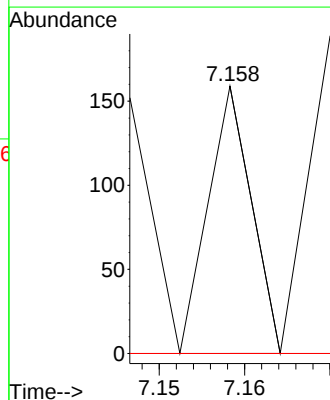
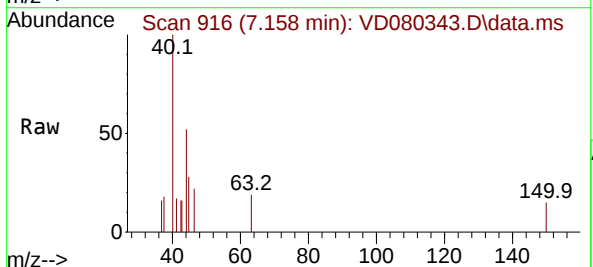
Tgt Ion: 43 Resp: 56

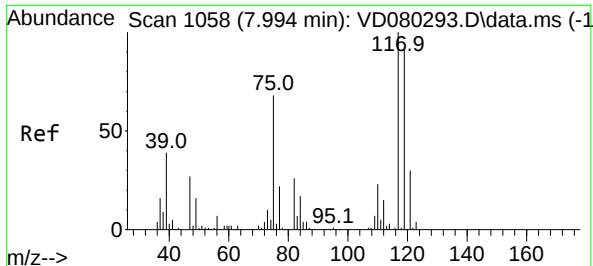
Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.4#

70 0.0 9.4 14.2#

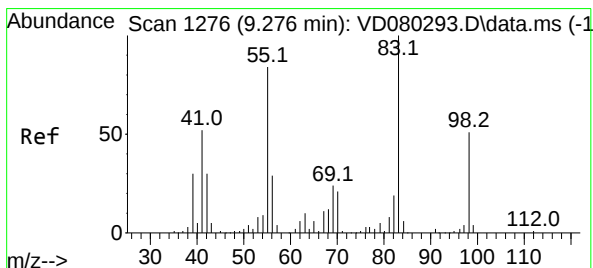
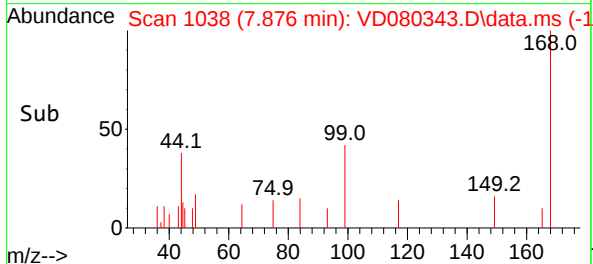
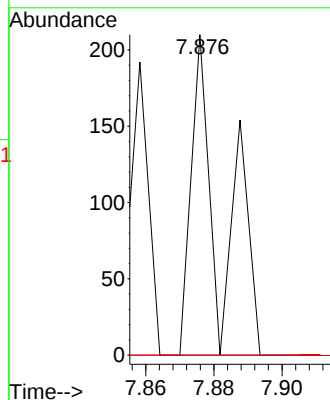
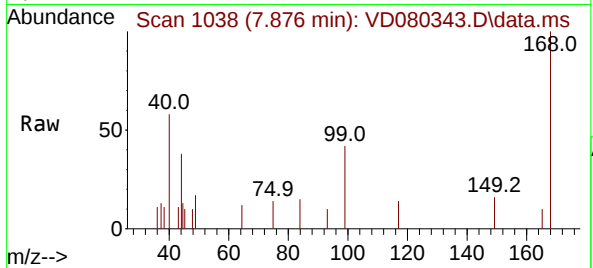




#38
Carbon Tetrachloride
Concen: 1.866 ug/l
RT: 7.876 min Scan# 1058
Delta R.T. -0.111 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

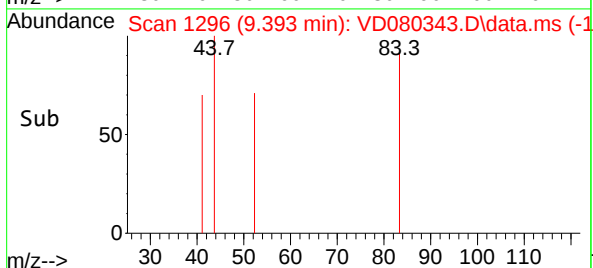
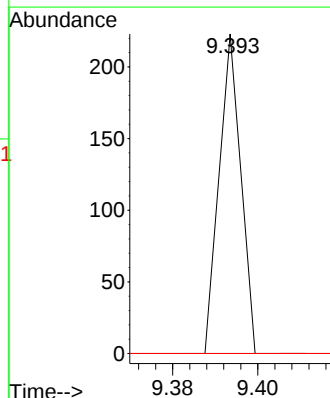
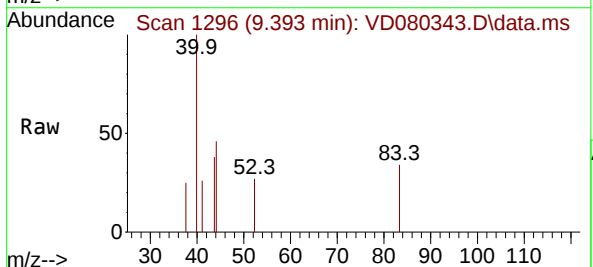
Instrument : MSVOA_D
ClientSampleId : TR-05-05142025

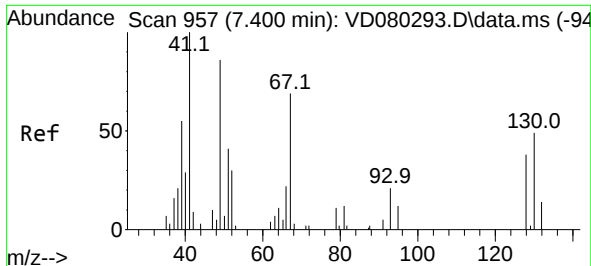
Tgt Ion:117 Resp: 128
Ion Ratio Lower Upper
117 100
119 0.0 73.4 110.0#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 1.035 ug/l
RT: 9.393 min Scan# 1296
Delta R.T. 0.118 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

Tgt Ion: 83 Resp: 79
Ion Ratio Lower Upper
83 100
55 0.0 62.0 93.0#
98 0.0 38.7 58.1#

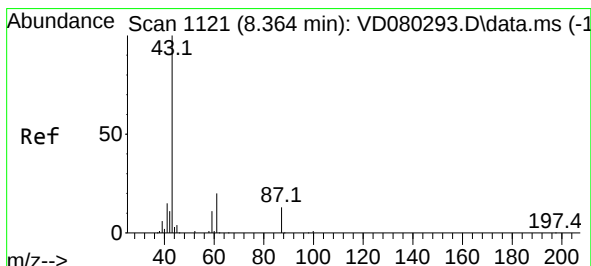
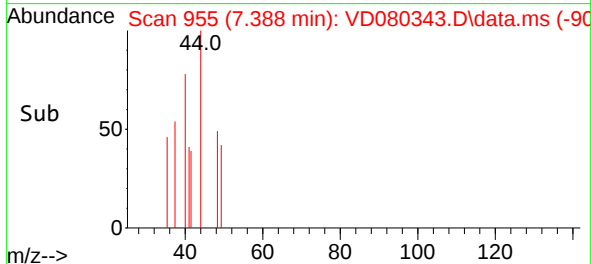
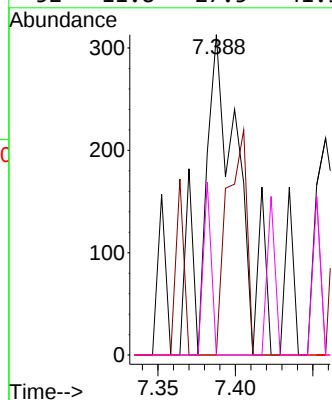
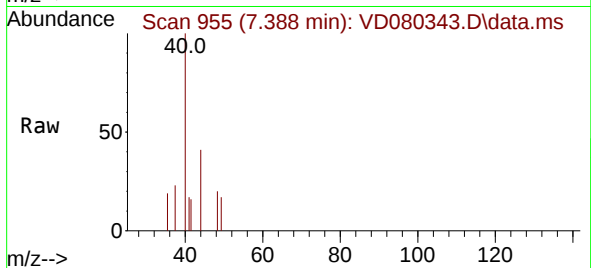




#41
Methacrylonitrile
Concen: 26.639 ug/l
RT: 7.388 min Scan# 91
Delta R.T. -0.011 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

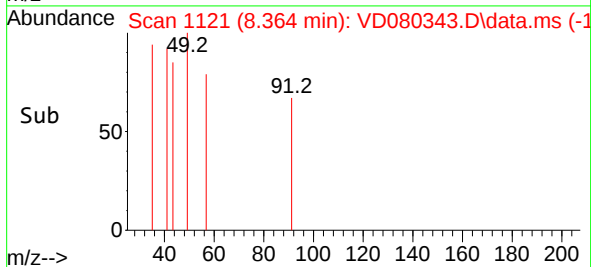
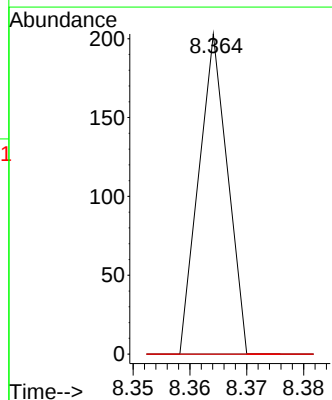
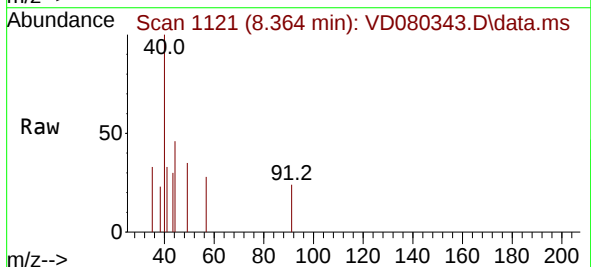
Instrument :
MSVOA_D
ClientSampleId :
TR-05-05142025

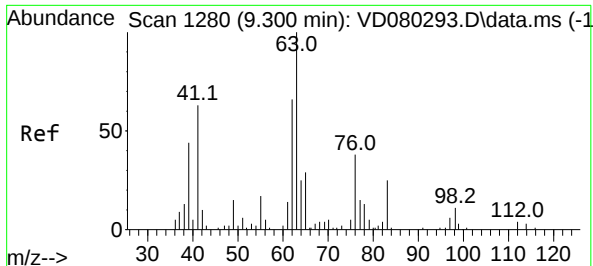
Tgt Ion:	41	Resp:	507
Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.8	71.8#
67	0.0	64.9	97.3#
52	11.8	27.5	41.3#



#43
Isopropyl Acetate
Concen: 1.154 ug/l
RT: 8.364 min Scan# 1121
Delta R.T. 0.006 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

Tgt Ion:	43	Resp:	72
Ion	Ratio	Lower	Upper
43	100		
61	0.0	26.2	39.2#
87	0.0	11.8	17.8#





#45

1,2-Dichloropropane

Concen: 1.230 ug/l

RT: 9.370 min Scan# 11

Delta R.T. 0.065 min

Lab File: VD080343.D

Acq: 15 May 2025 12:53

Instrument :

MSVOA_D

ClientSampleId :

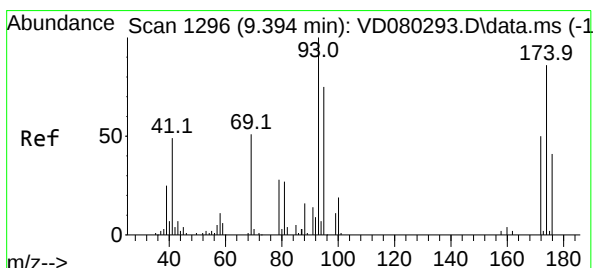
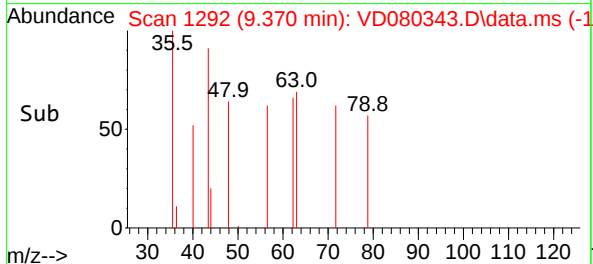
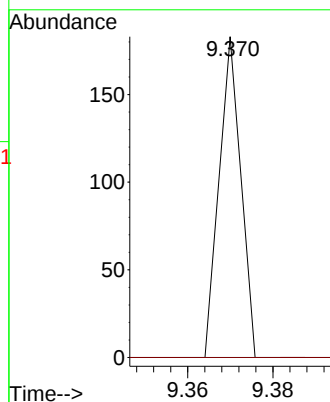
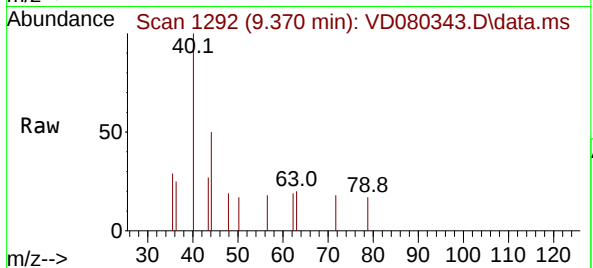
TR-05-05142025

Tgt Ion: 63 Resp: 65

Ion Ratio Lower Upper

63 100

65 0.0 26.2 39.4#



#46

Dibromomethane

Concen: 1.877 ug/l

RT: 9.546 min Scan# 1322

Delta R.T. 0.153 min

Lab File: VD080343.D

Acq: 15 May 2025 12:53

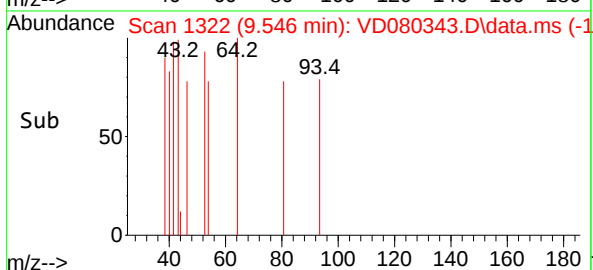
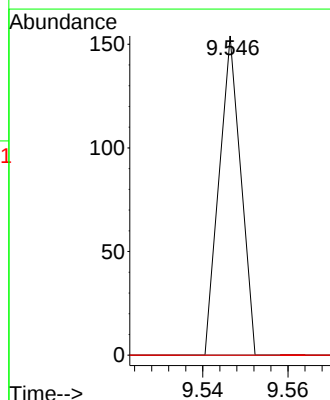
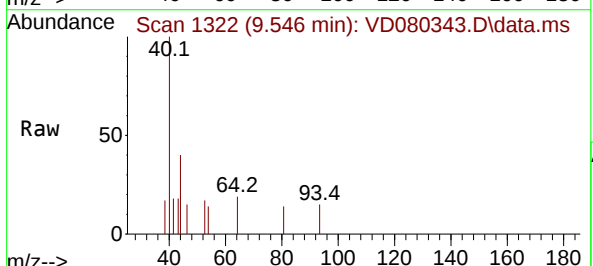
Tgt Ion: 93 Resp: 54

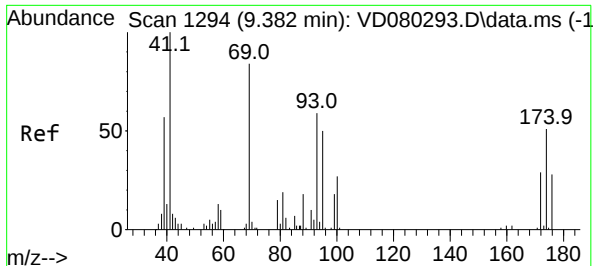
Ion Ratio Lower Upper

93 100

95 0.0 67.9 101.9#

174 0.0 80.5 120.7#





#48

Methyl methacrylate

Concen: 5.906 ug/l

RT: 9.393 min Scan# 1296

Delta R.T. 0.012 min

Lab File: VD080343.D

Acq: 15 May 2025 12:53

Instrument :

MSVOA_D

ClientSampleId :

TR-05-05142025

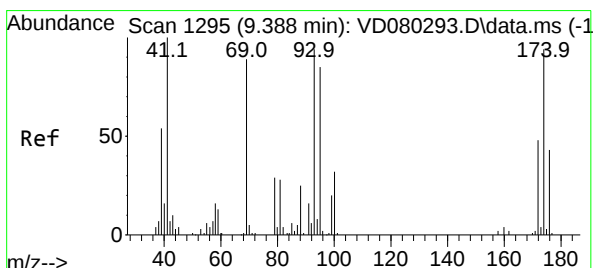
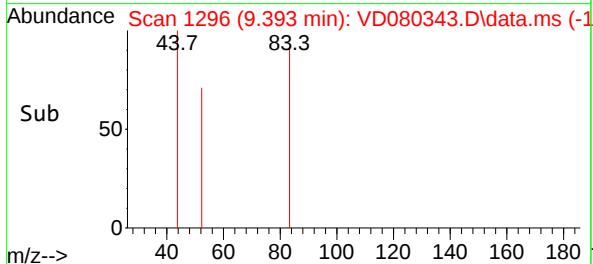
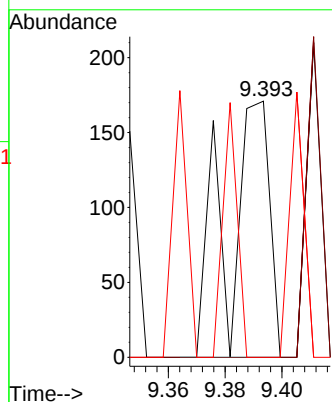
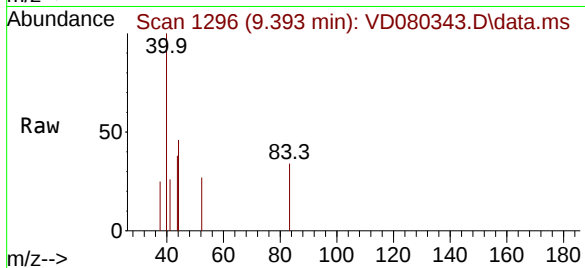
Tgt Ion: 41 Resp: 175

Ion Ratio Lower Upper

41 100

69 0.0 74.0 111.0#

39 34.3 41.9 62.9#



#49

1,4-Dioxane

Concen: 187.068 ug/l

RT: 9.411 min Scan# 1299

Delta R.T. 0.024 min

Lab File: VD080343.D

Acq: 15 May 2025 12:53

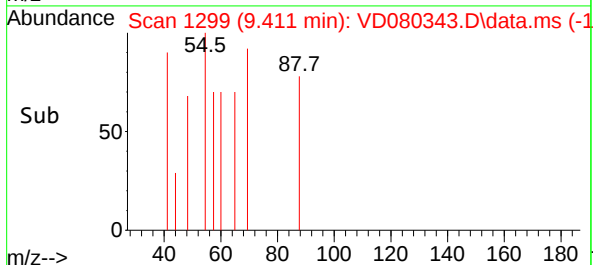
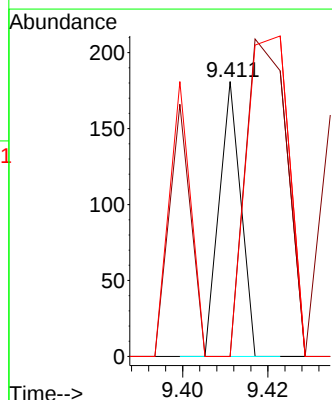
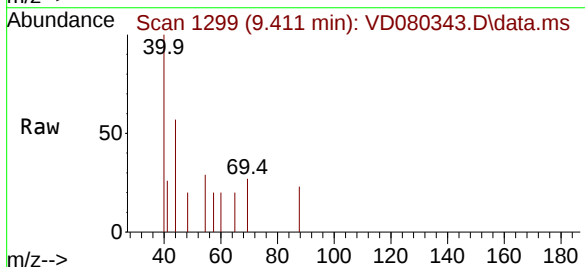
Tgt Ion: 88 Resp: 64

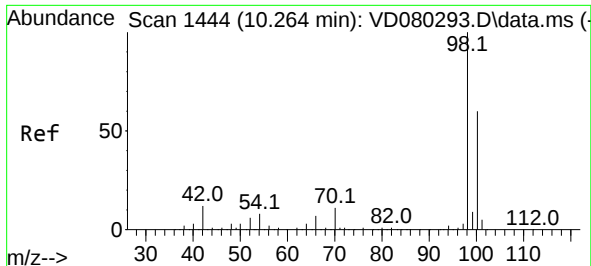
Ion Ratio Lower Upper

88 100

43 218.8 29.1 43.7#

58 229.7 59.9 89.9#

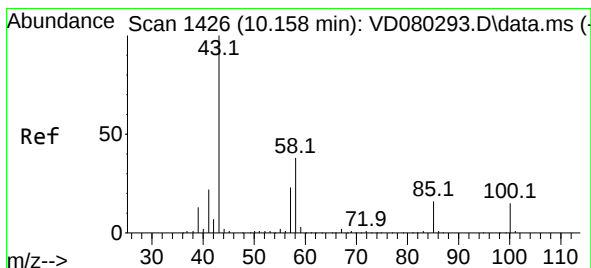
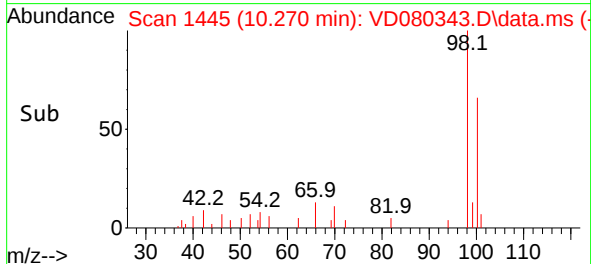
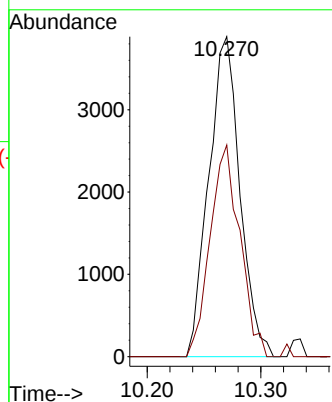
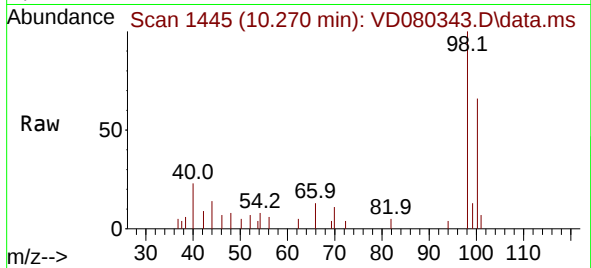




#50
Toluene-d8
Concen: 42.763 ug/l
RT: 10.270 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

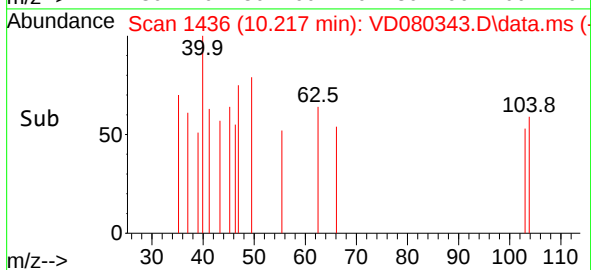
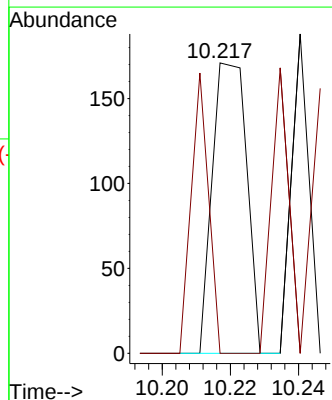
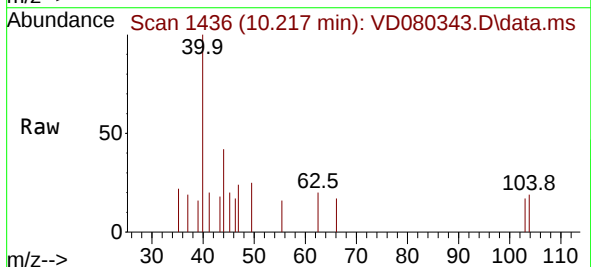
Instrument :
MSVOA_D
ClientSampleId :
TR-05-05142025

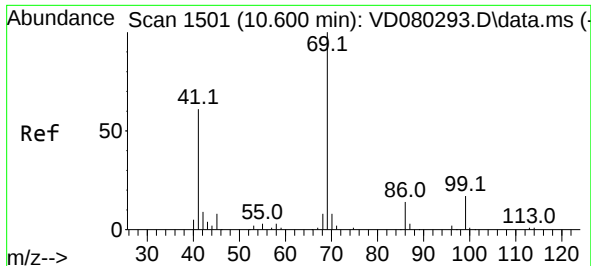
Tgt Ion: 98 Resp: 7415
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.4



#51
4-Methyl-2-Pentanone
Concen: 3.734 ug/l
RT: 10.217 min Scan# 1436
Delta R.T. 0.060 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

Tgt Ion: 43 Resp: 120
Ion Ratio Lower Upper
43 100
58 48.3 32.8 49.2

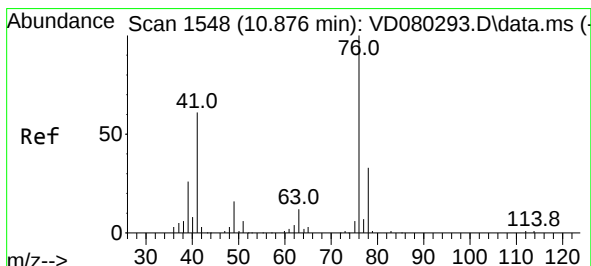
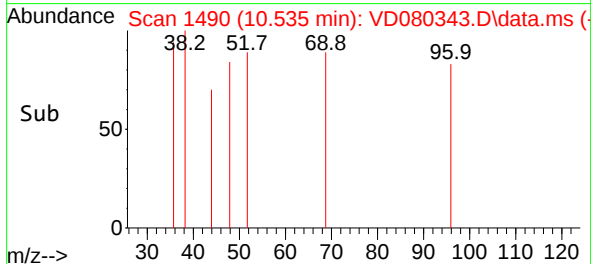
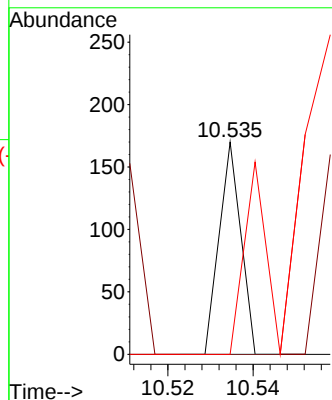
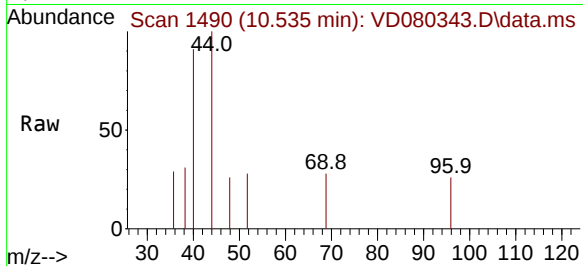




#56
Ethyl methacrylate
Concen: 1.301 ug/l
RT: 10.535 min Scan# 14
Delta R.T. -0.064 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

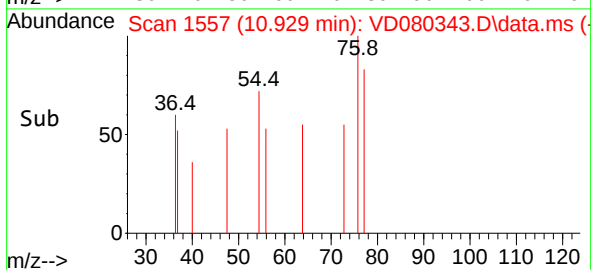
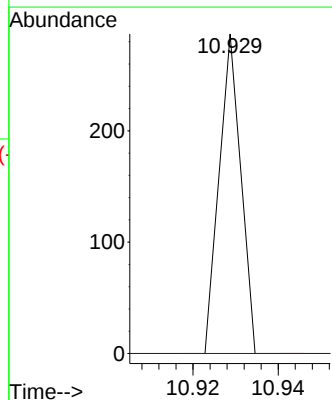
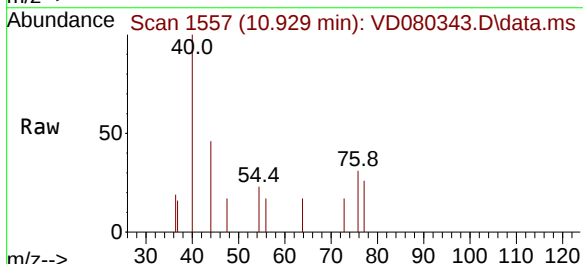
Instrument :
MSVOA_D
ClientSampleId :
TR-05-05142025

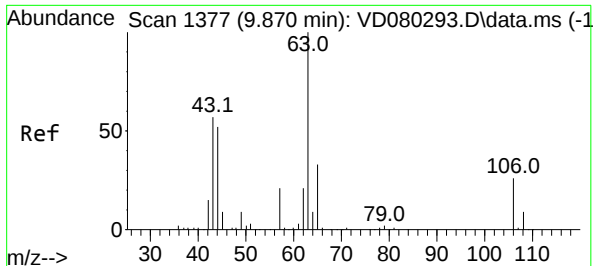
Tgt Ion: 69 Resp: 60
Ion Ratio Lower Upper
69 100
41 0.0 50.4 75.6#
39 0.0 26.0 39.0#



#57
1,3-Dichloropropane
Concen: 1.597 ug/l
RT: 10.929 min Scan# 1557
Delta R.T. 0.048 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

Tgt Ion: 76 Resp: 101
Ion Ratio Lower Upper
76 100
78 0.0 25.4 38.2#

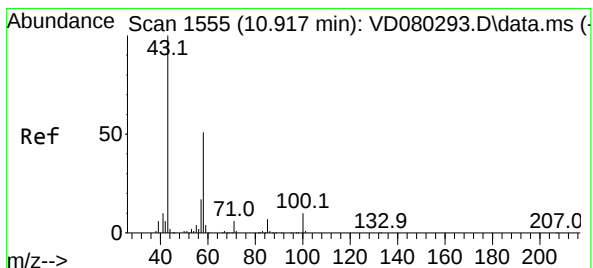
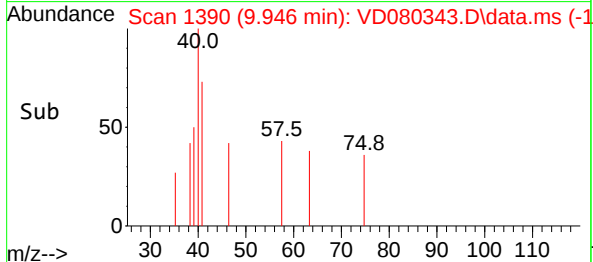
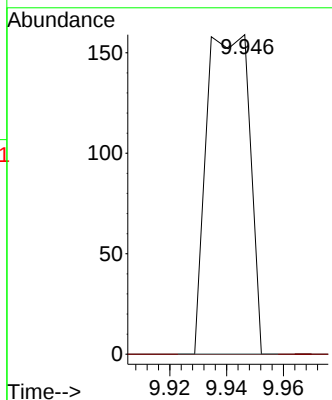
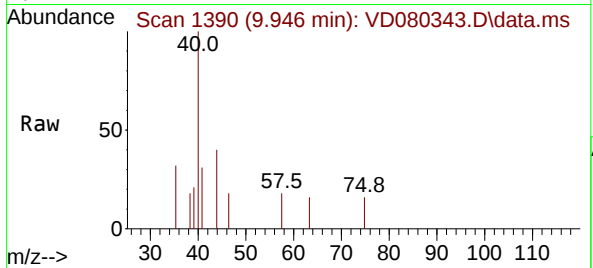




#58
2-Chloroethyl Vinyl ether
Concen: 8.794 ug/l
RT: 9.946 min Scan# 11
Delta R.T. 0.077 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

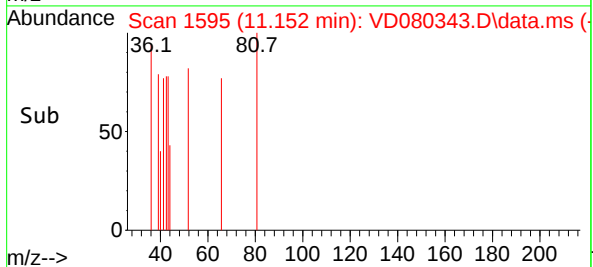
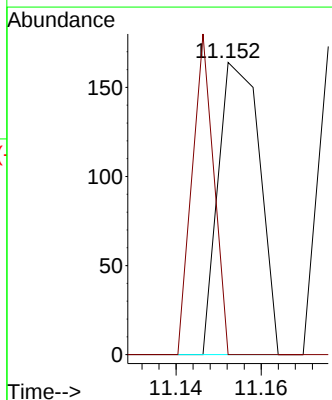
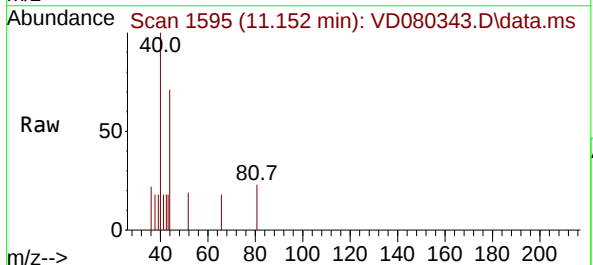
Instrument :
MSVOA_D
ClientSampleId :
TR-05-05142025

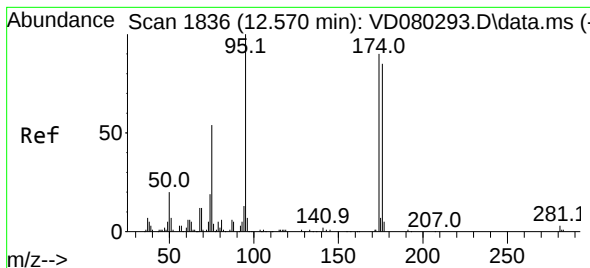
Tgt Ion: 63 Resp: 166
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.6#



#59
2-Hexanone
Concen: 5.022 ug/l
RT: 11.152 min Scan# 1595
Delta R.T. 0.236 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

Tgt Ion: 43 Resp: 111
Ion Ratio Lower Upper
43 100
58 57.7 27.8 83.4

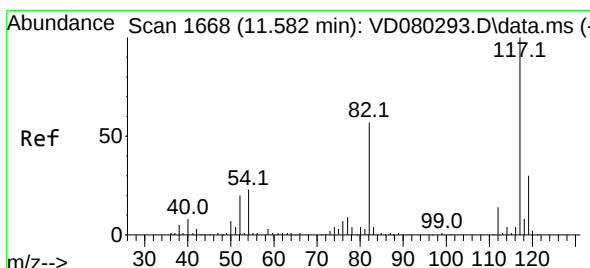
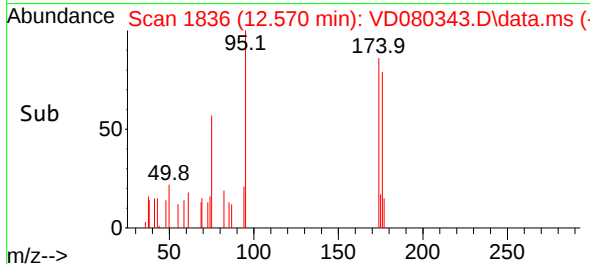
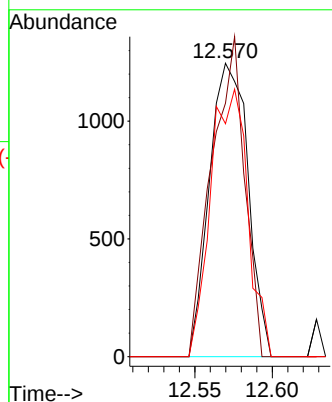
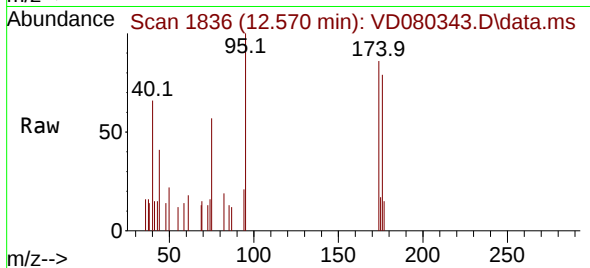




#62
4-Bromofluorobenzene
Concen: 38.757 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

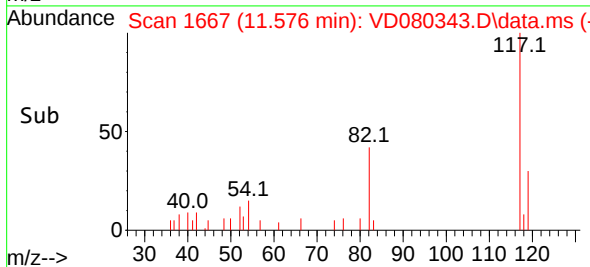
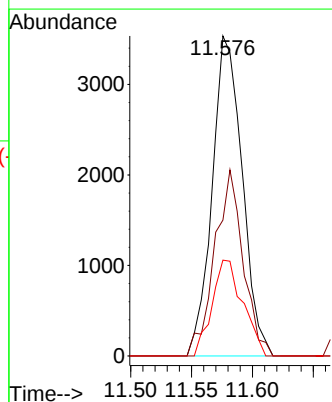
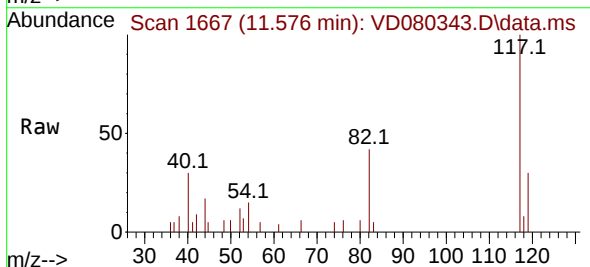
Instrument :
MSVOA_D
ClientSampleId :
TR-05-05142025

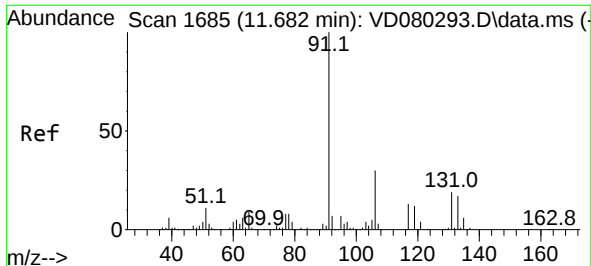
Tgt Ion:	95	Resp:	2157
Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	173.4
176	87.9	0.0	166.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.576 min Scan# 1667
Delta R.T. -0.005 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

Tgt Ion:	117	Resp:	6063
Ion	Ratio	Lower	Upper
117	100		
82	42.4	45.8	68.6#
119	30.0	26.2	39.2

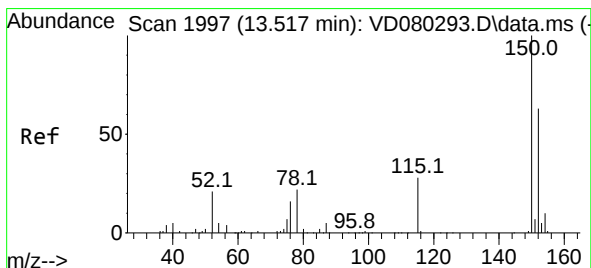
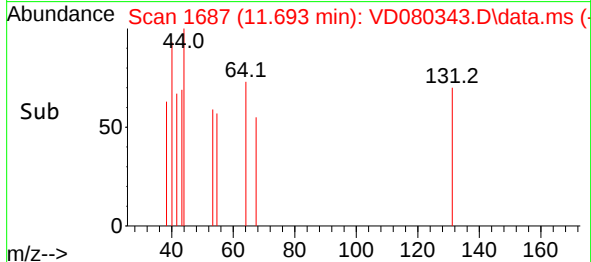
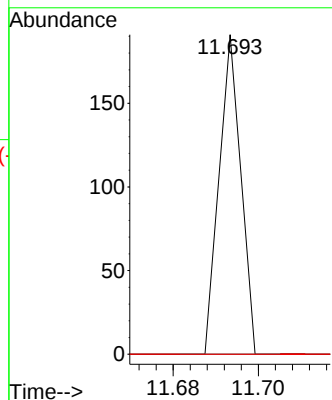
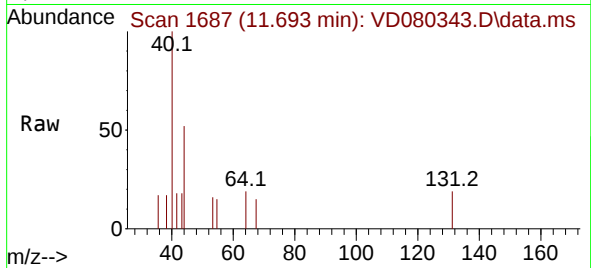




#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.425 ug/l
 RT: 11.693 min Scan# 1687
 Delta R.T. 0.012 min
 Lab File: VD080343.D
 Acq: 15 May 2025 12:53

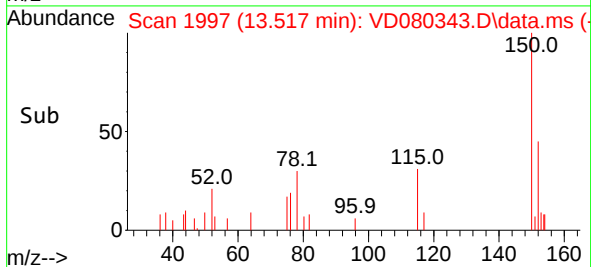
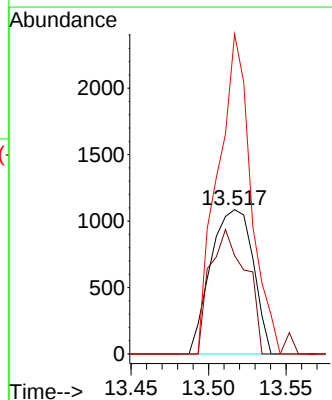
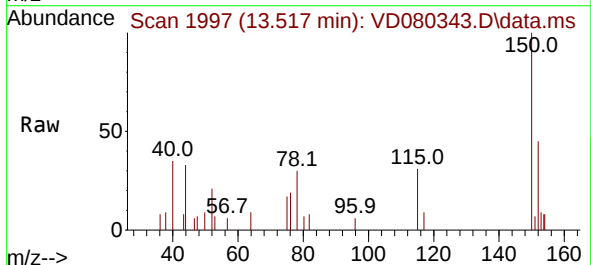
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-05142025

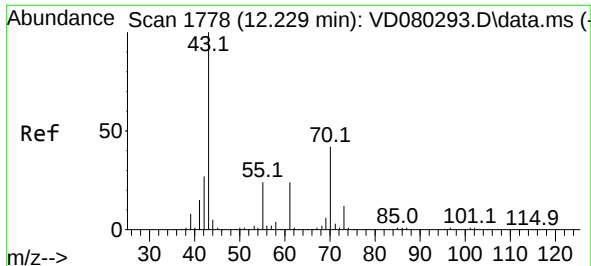
Tgt Ion:131 Resp: 67
 Ion Ratio Lower Upper
 131 100
 133 0.0 48.8 146.4#
 119 0.0 34.8 104.3#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.517 min Scan# 1997
 Delta R.T. 0.001 min
 Lab File: VD080343.D
 Acq: 15 May 2025 12:53

Tgt Ion:152 Resp: 2066
 Ion Ratio Lower Upper
 152 100
 115 73.5 28.9 86.8
 150 173.7 0.0 354.8

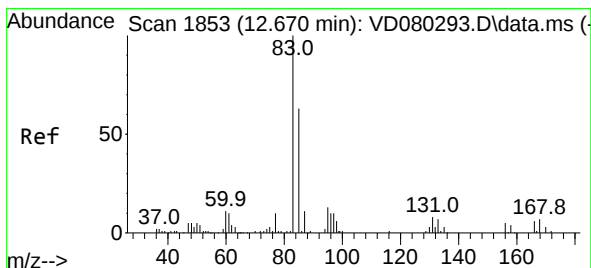
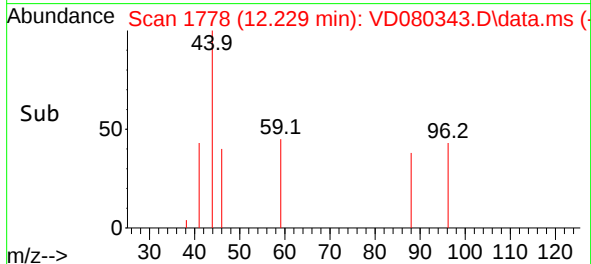
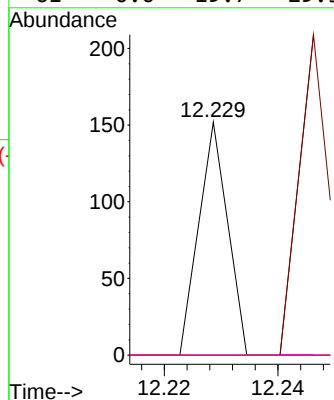
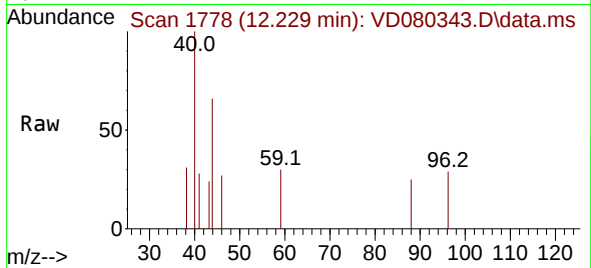




#74
N-amy1 acetate
Concen: 1.404 ug/l
RT: 12.229 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

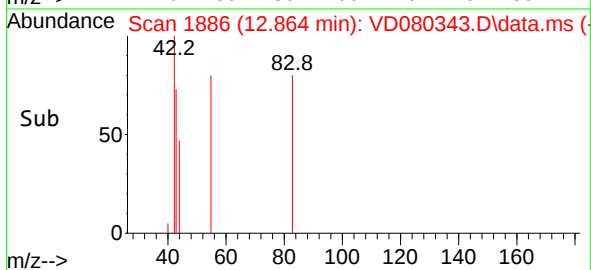
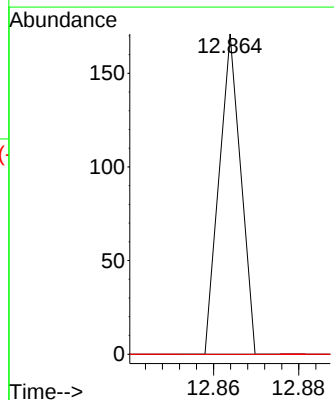
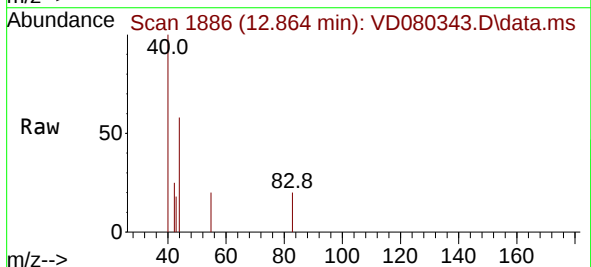
Instrument :
MSVOA_D
ClientSampleId :
TR-05-05142025

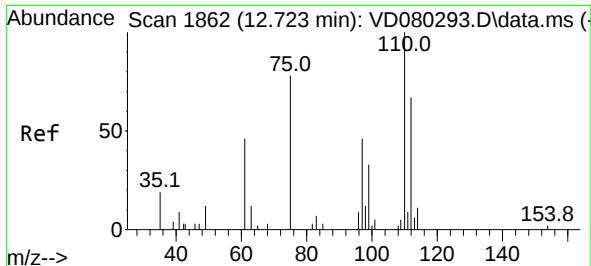
Tgt Ion:	43	Resp:	54
Ion	Ratio	Lower	Upper
43	100		
70	137.0	36.3	54.5#
55	0.0	20.3	30.5#
61	0.0	19.7	29.5#



#75
1,1,2,2-Tetrachloroethane
Concen: 2.036 ug/l
RT: 12.864 min Scan# 1886
Delta R.T. 0.195 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

Tgt Ion:	83	Resp:	60
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.3#
85	0.0	32.9	98.6#

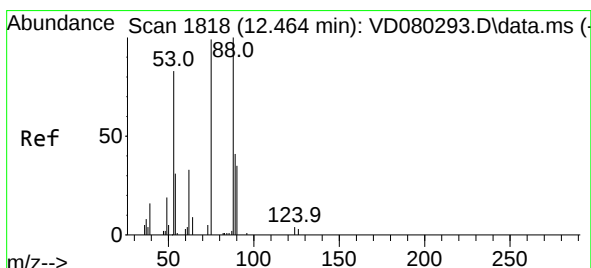
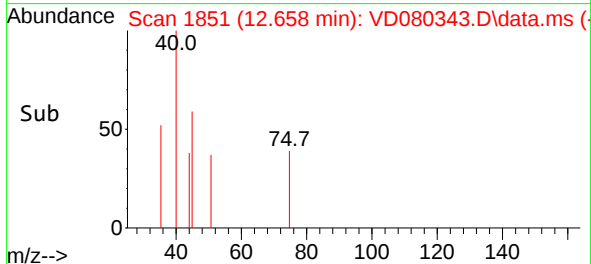
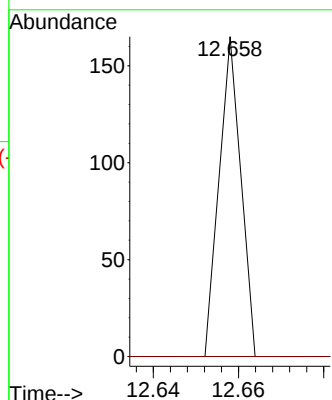
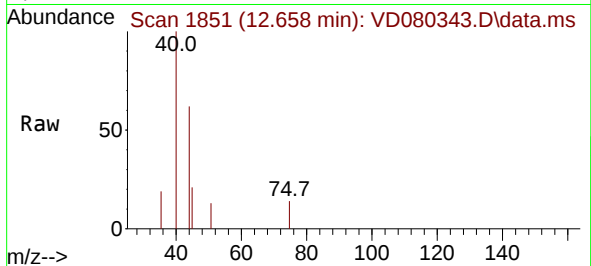




#76
1,2,3-Trichloropropane
Concen: 2.909 ug/l
RT: 12.658 min Scan# 1851
Delta R.T. -0.064 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

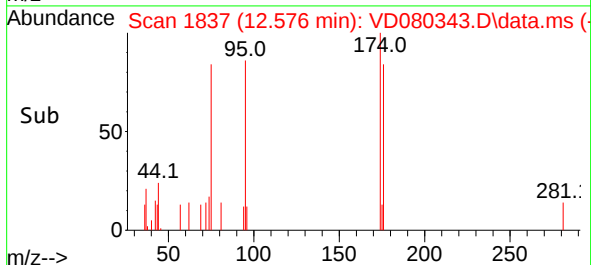
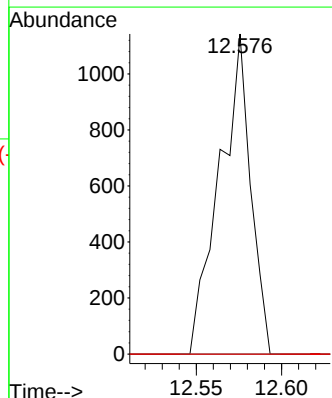
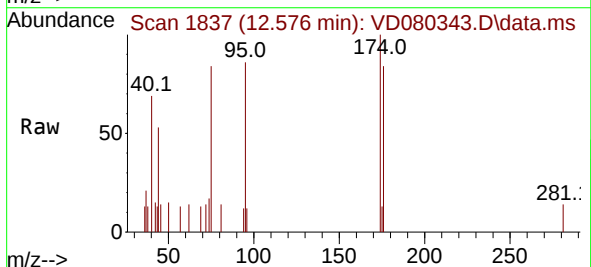
Instrument :
MSVOA_D
ClientSampleId :
TR-05-05142025

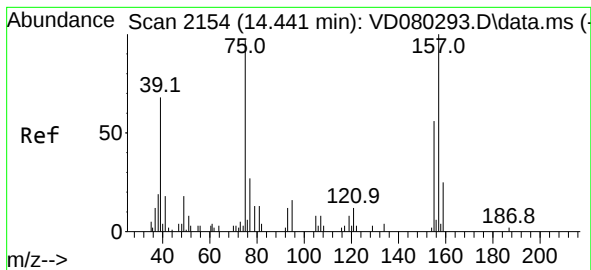
Tgt Ion: 75 Resp: 58
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 138.129 ug/l
RT: 12.576 min Scan# 1837
Delta R.T. 0.107 min
Lab File: VD080343.D
Acq: 15 May 2025 12:53

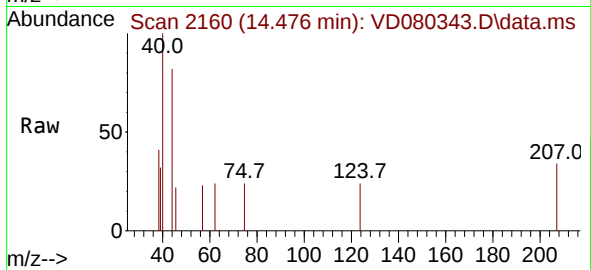
Tgt Ion: 75 Resp: 1451
Ion Ratio Lower Upper
75 100
53 0.0 68.7 103.1#
89 0.0 36.1 54.1#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 12.348 ug/l
 RT: 14.476 min Scan# 21
 Delta R.T. 0.036 min
 Lab File: VD080343.D
 Acq: 15 May 2025 12:53

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-05142025



Tgt Ion: 75 Resp: 58
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.6 122.0#
 157 0.0 53.3 159.9#

