

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051425\
 Data File : VD080317.D
 Acq On : 14 May 2025 12:25
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 15 03:32:27 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	122311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	190669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	180076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	99603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	70263	44.423	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.840%
35) Dibromofluoromethane	7.806	113	66257	51.847	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.700%
50) Toluene-d8	10.270	98	259287	51.495	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.980%
62) 4-Bromofluorobenzene	12.570	95	83786	51.843	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	53356	49.582	ug/l	99
3) Chloromethane	2.153	50	99551	47.083	ug/l	97
4) Vinyl Chloride	2.282	62	139030	43.724	ug/l	100
5) Bromomethane	2.688	94	95302	41.638	ug/l	99
6) Chloroethane	2.835	64	103509	46.041	ug/l	94
7) Trichlorofluoromethane	3.171	101	123085	50.483	ug/l	98
8) Diethyl Ether	3.594	74	36321	48.260	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.959	101	75154	50.029	ug/l	99
10) Methyl Iodide	4.165	142	83443	54.490	ug/l	99
11) Tert butyl alcohol	5.070	59	21116	220.008	ug/l	99
12) 1,1-Dichloroethene	3.941	96	73509	49.635	ug/l	92
13) Acrolein	3.800	56	14663	86.829	ug/l	99
14) Allyl chloride	4.553	41	111408	47.831	ug/l	100
15) Acrylonitrile	5.259	53	86708	239.638	ug/l	99
16) Acetone	4.029	43	77842	322.964	ug/l	100
17) Carbon Disulfide	4.271	76	236209	45.930	ug/l	98
18) Methyl Acetate	4.565	43	43345	42.351	ug/l	97
19) Methyl tert-butyl Ether	5.318	73	174124	53.518	ug/l	99
20) Methylene Chloride	4.800	84	88943	52.874	ug/l	89
21) trans-1,2-Dichloroethene	5.312	96	82809	51.469	ug/l	98
22) Diisopropyl ether	6.217	45	247650	51.615	ug/l	98
23) Vinyl Acetate	6.159	43	723477	258.895	ug/l	98
24) 1,1-Dichloroethane	6.112	63	151012	50.017	ug/l	98
25) 2-Butanone	7.082	43	109254	251.047	ug/l	98
26) 2,2-Dichloropropane	7.076	77	128841	53.628	ug/l	99
27) cis-1,2-Dichloroethene	7.076	96	94485	53.005	ug/l	96
28) Bromochloromethane	7.423	49	58777	41.811	ug/l #	95
29) Tetrahydrofuran	7.447	42	70004	246.707	ug/l	99
30) Chloroform	7.600	83	157029	52.154	ug/l	98
31) Cyclohexane	7.876	56	124370	48.400	ug/l	96
32) 1,1,1-Trichloroethane	7.794	97	132391	53.896	ug/l	98
36) 1,1-Dichloropropene	8.006	75	110616	57.917	ug/l	97
37) Ethyl Acetate	7.170	43	51554	51.620	ug/l	98
38) Carbon Tetrachloride	7.994	117	115458	57.966	ug/l	93
39) Methylcyclohexane	9.270	83	129696	58.521	ug/l	95
40) Benzene	8.253	78	332854	55.621	ug/l	99

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Quant Time: May 15 03:32:27 2025
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 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)
41) Methacrylonitrile	7.394	41	26506	47.959	ug/l	96
42) 1,2-Dichloroethane	8.329	62	94135	54.285	ug/l	100
43) Isopropyl Acetate	8.364	43	93437	51.594	ug/l #	86
44) Trichloroethene	9.029	130	79582	57.288	ug/l	92
45) 1,2-Dichloropropane	9.306	63	87507	57.016	ug/l	96
46) Dibromomethane	9.394	93	48130	57.598	ug/l	95
47) Bromodichloromethane	9.582	83	119153	56.179	ug/l #	95
48) Methyl methacrylate	9.382	41	47370	55.050	ug/l	95
49) 1,4-Dioxane	9.382	88	11027	1109.933	ug/l	97
51) 4-Methyl-2-Pentanone	10.158	43	254880	273.148	ug/l	97
52) Toluene	10.335	92	212721	59.003	ug/l	98
53) t-1,3-Dichloropropene	10.553	75	107644	55.672	ug/l	91
54) cis-1,3-Dichloropropene	10.017	75	129329	57.720	ug/l	98
55) 1,1,2-Trichloroethane	10.735	97	63444	57.398	ug/l	96
56) Ethyl methacrylate	10.600	69	78031	58.259	ug/l	97
57) 1,3-Dichloropropane	10.876	76	106537	57.994	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	141807	258.709	ug/l	98
59) 2-Hexanone	10.917	43	181558	282.846	ug/l	98
60) Dibromochloromethane	11.070	129	83105	59.995	ug/l	100
61) 1,2-Dibromoethane	11.176	107	58985	57.549	ug/l	99
64) Tetrachloroethene	10.811	164	70626	57.917	ug/l	97
65) Chlorobenzene	11.605	112	225083	55.357	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.676	131	79213	56.704	ug/l	99
67) Ethyl Benzene	11.682	91	401088	59.028	ug/l	98
68) m/p-Xylenes	11.794	106	321783	121.965	ug/l	99
69) o-Xylene	12.117	106	142913	59.279	ug/l	97
70) Styrene	12.135	104	260369	60.144	ug/l	99
71) Bromoform	12.300	173	48273	58.163	ug/l #	98
73) Isopropylbenzene	12.417	105	378914	58.646	ug/l	99
74) N-amyl acetate	12.235	43	95686	51.600	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.670	83	74716	52.586	ug/l	97
76) 1,2,3-Trichloropropane	12.723	75	95817	99.674	ug/l #	100
77) Bromobenzene	12.700	156	94867	56.606	ug/l	99
78) n-propylbenzene	12.758	91	490275	60.467	ug/l	99
79) 2-Chlorotoluene	12.847	91	272365	57.750	ug/l	100
80) 1,3,5-Trimethylbenzene	12.905	105	329924	59.869	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.470	75	28263	55.808	ug/l	99
82) 4-Chlorotoluene	12.947	91	291672	57.292	ug/l	99
83) tert-Butylbenzene	13.164	119	274878	59.774	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	341142	60.503	ug/l	99
85) sec-Butylbenzene	13.341	105	427296	60.255	ug/l	99
86) p-Isopropyltoluene	13.458	119	370143	62.104	ug/l	98
87) 1,3-Dichlorobenzene	13.458	146	197930	56.630	ug/l	100
88) 1,4-Dichlorobenzene	13.535	146	193018	54.780	ug/l	99
89) n-Butylbenzene	13.782	91	349141	60.346	ug/l	99
90) Hexachloroethane	14.052	117	73074	55.413	ug/l	98
91) 1,2-Dichlorobenzene	13.829	146	172501	56.816	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	11927	52.670	ug/l	95
93) 1,2,4-Trichlorobenzene	15.093	180	108609	56.881	ug/l	99
94) Hexachlorobutadiene	15.199	225	57347	57.730	ug/l	99
95) Naphthalene	15.329	128	197842	55.182	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	95576	55.967	ug/l	99

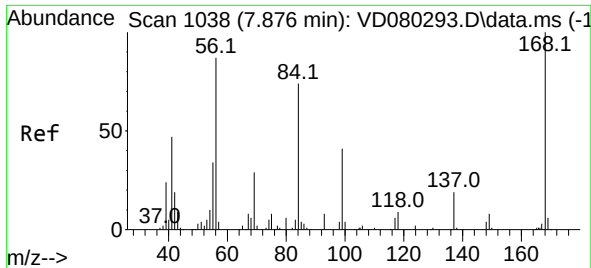
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Quant Title : SW846 8260
QLast Update : Wed May 07 08:57:11 2025
Response via : Initial Calibration

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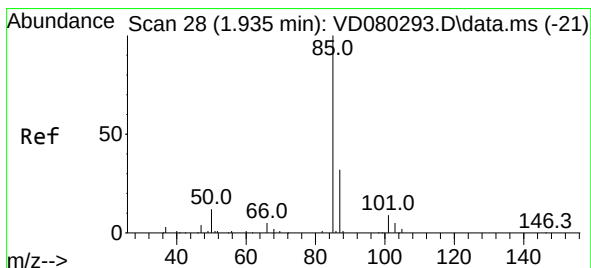
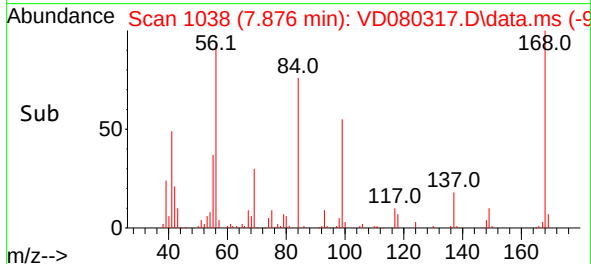
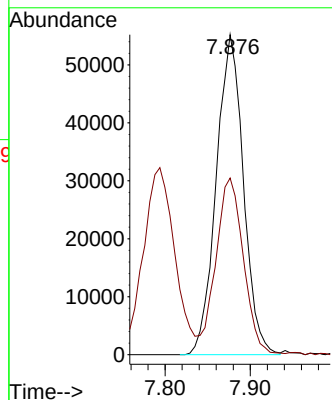
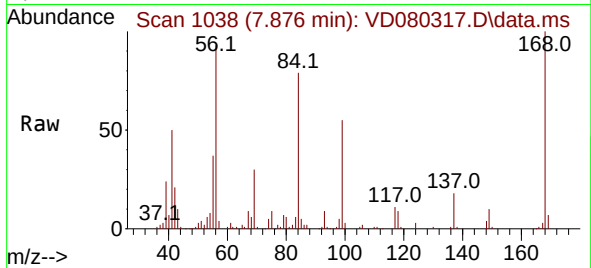
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

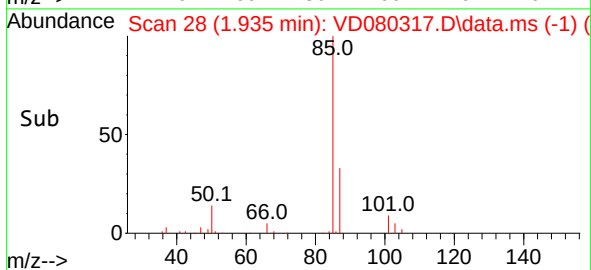
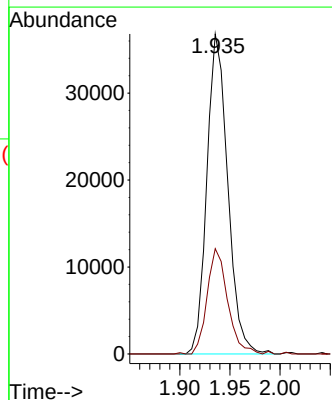
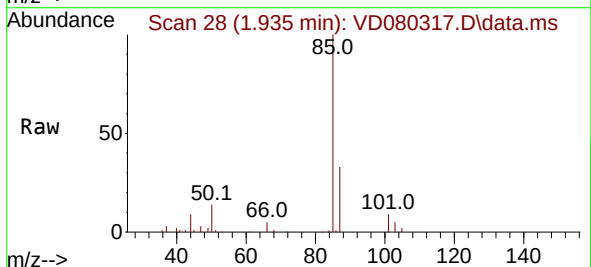
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ClientSampleId :
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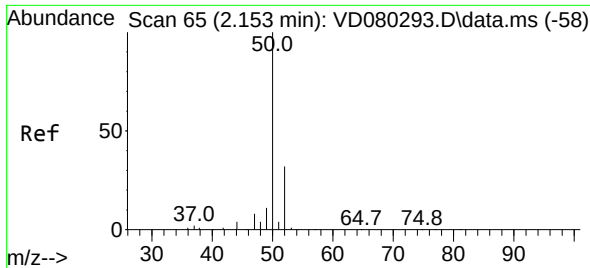
Tgt Ion:168 Resp: 122311
Ion Ratio Lower Upper
168 100
99 54.7 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 49.582 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion: 85 Resp: 53356
Ion Ratio Lower Upper
85 100
87 32.9 16.1 48.2

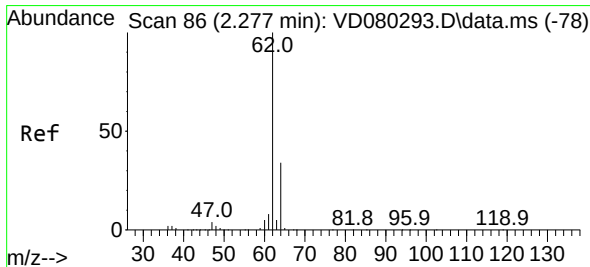
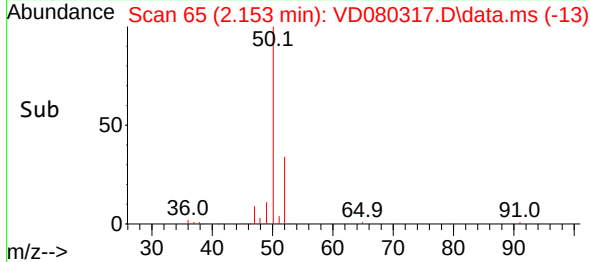
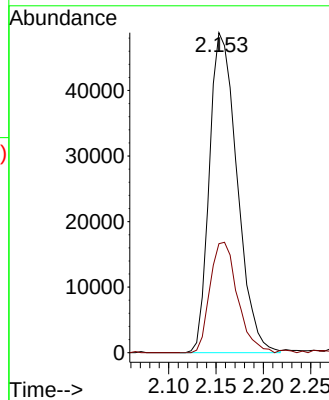
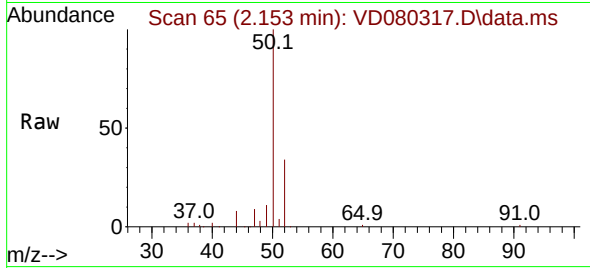




#3
Chloromethane
Concen: 47.083 ug/l
RT: 2.153 min Scan# 61
Delta R.T. 0.007 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

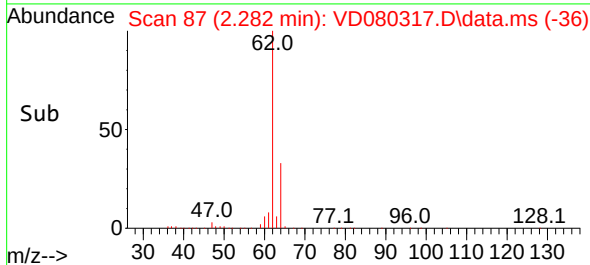
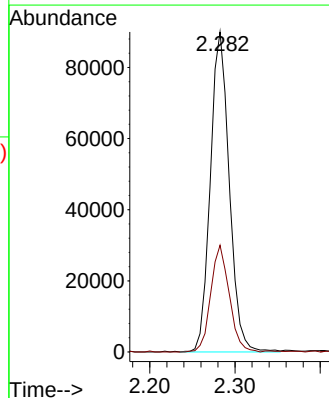
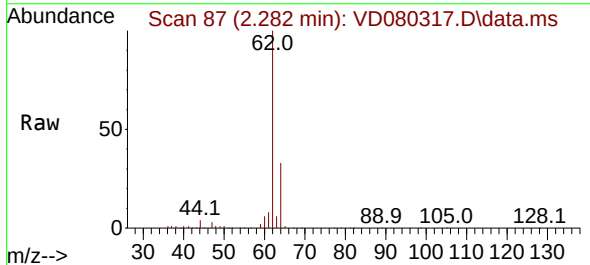
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ClientSampleId :
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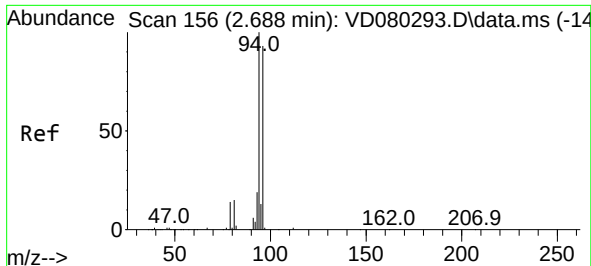
Tgt Ion: 50 Resp: 99551
Ion Ratio Lower Upper
50 100
52 34.1 28.8 43.2



#4
Vinyl Chloride
Concen: 43.724 ug/l
RT: 2.282 min Scan# 87
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion: 62 Resp: 139030
Ion Ratio Lower Upper
62 100
64 33.4 26.5 39.7

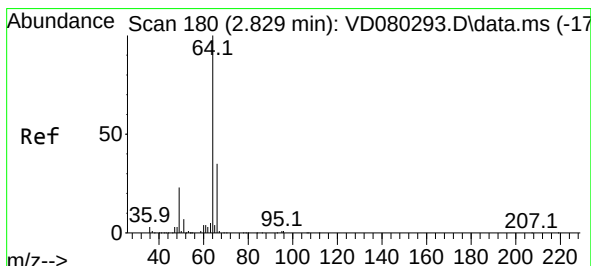
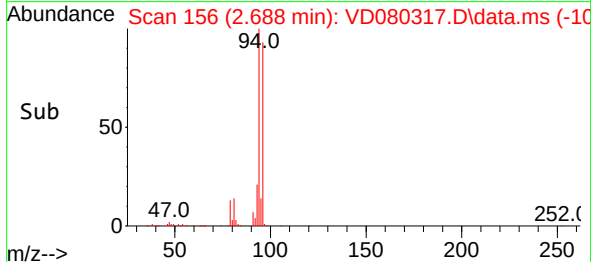
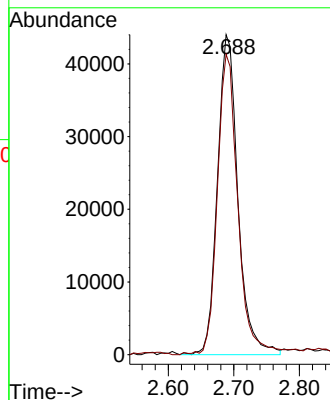
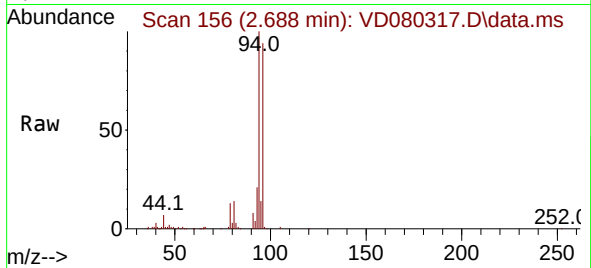




#5
Bromomethane
Concen: 41.638 ug/l
RT: 2.688 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

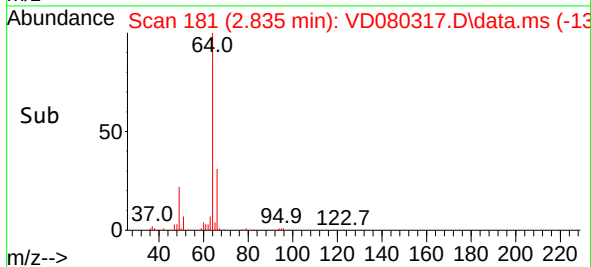
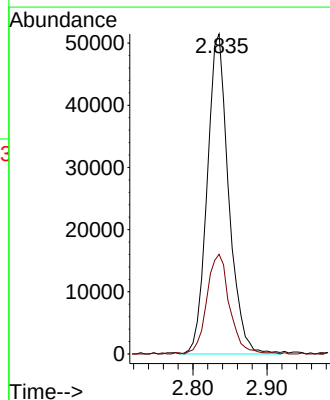
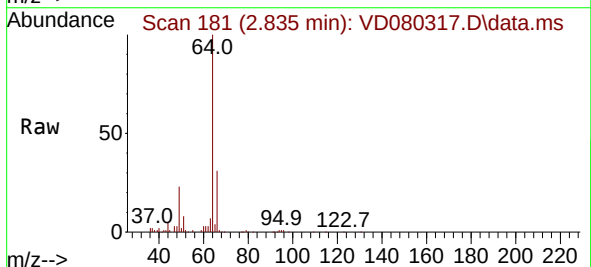
Instrument :
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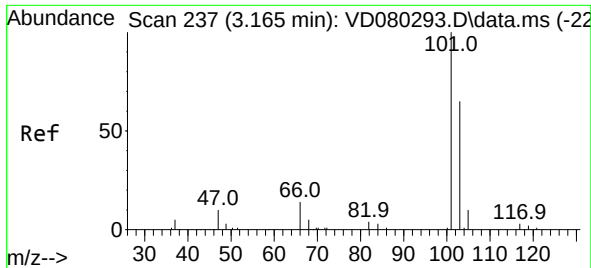
Tgt Ion: 94 Resp: 95302
Ion Ratio Lower Upper
94 100
96 93.9 76.2 114.2



#6
Chloroethane
Concen: 46.041 ug/l
RT: 2.835 min Scan# 181
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion: 64 Resp: 103509
Ion Ratio Lower Upper
64 100
66 31.1 27.6 41.4

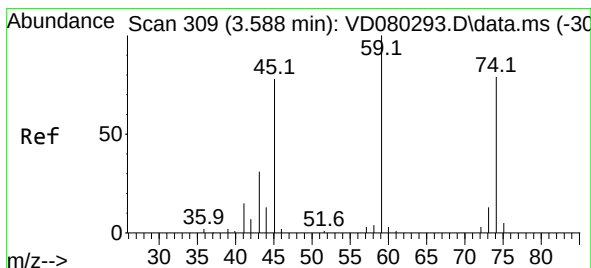
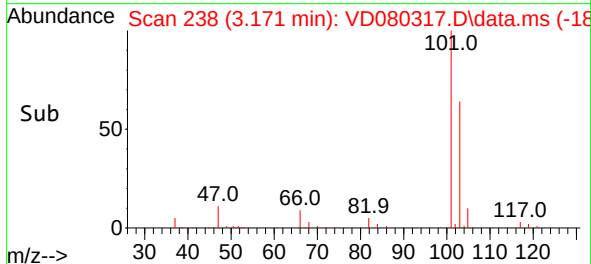
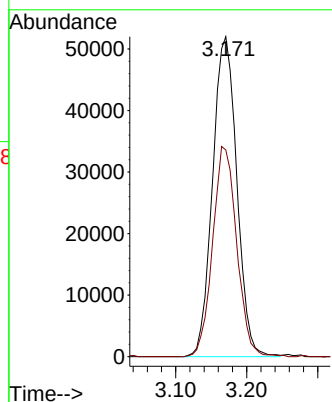
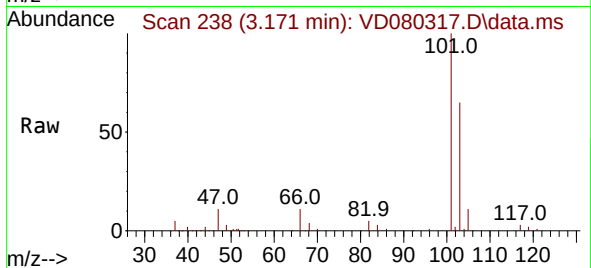




#7
 Trichlorofluoromethane
 Concen: 50.483 ug/l
 RT: 3.171 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: VD080317.D
 Acq: 14 May 2025 12:25

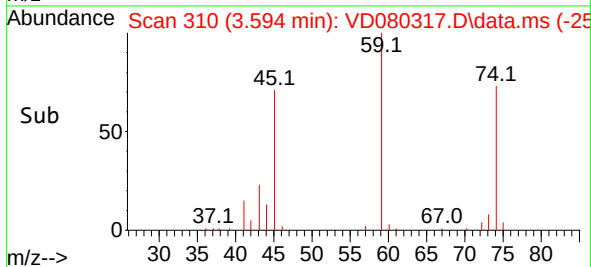
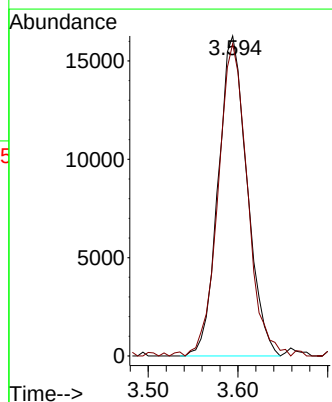
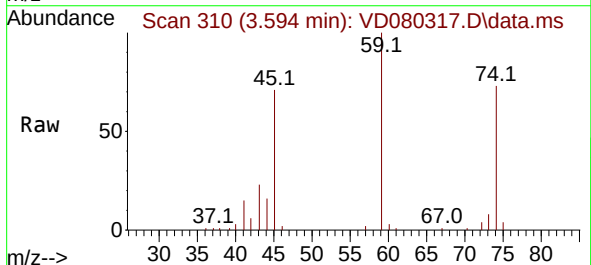
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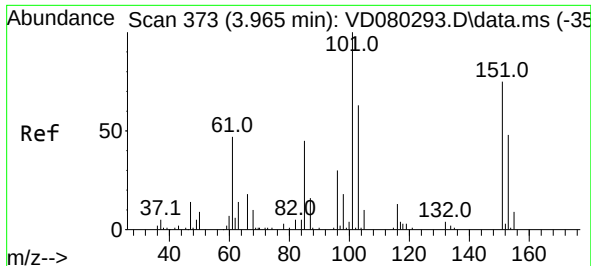
Tgt Ion:101 Resp: 123085
 Ion Ratio Lower Upper
 101 100
 103 64.6 53.0 79.6



#8
 Diethyl Ether
 Concen: 48.260 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.001 min
 Lab File: VD080317.D
 Acq: 14 May 2025 12:25

Tgt Ion: 74 Resp: 36321
 Ion Ratio Lower Upper
 74 100
 45 99.2 47.8 143.3

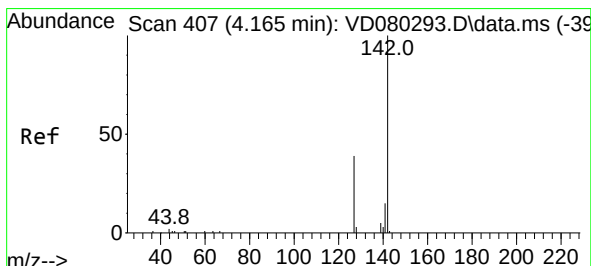
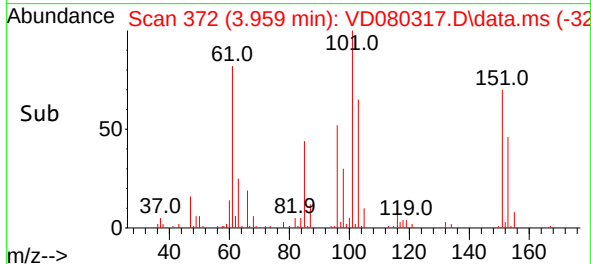
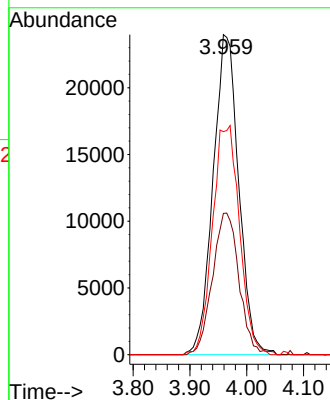
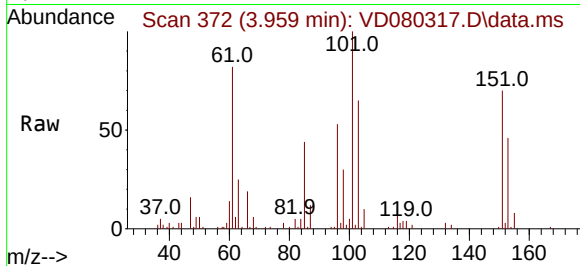




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.029 ug/l
 RT: 3.959 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: VD080317.D
 Acq: 14 May 2025 12:25

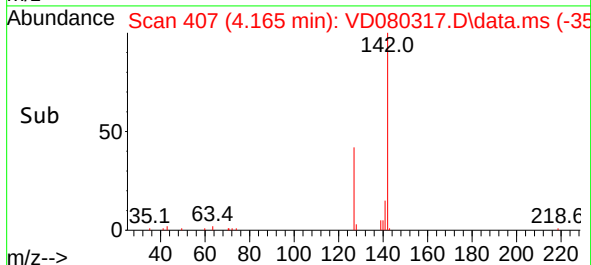
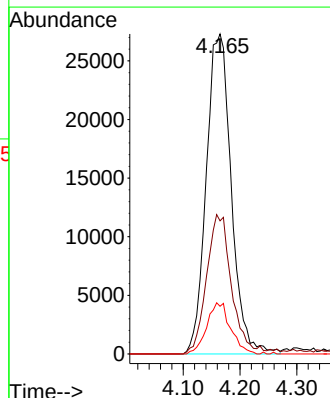
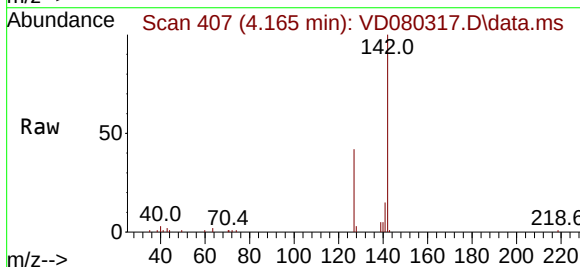
Instrument :
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 ClientSampleId :
 VSTDCCC050

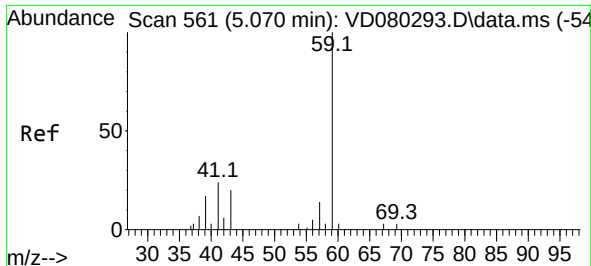
Tgt Ion:	101	Resp:	75154
Ion	Ratio	Lower	Upper
101	100		
85	45.9	35.3	52.9
151	75.3	60.3	90.5



#10
 Methyl Iodide
 Concen: 54.490 ug/l
 RT: 4.165 min Scan# 407
 Delta R.T. 0.001 min
 Lab File: VD080317.D
 Acq: 14 May 2025 12:25

Tgt Ion:	142	Resp:	83443
Ion	Ratio	Lower	Upper
142	100		
127	43.4	35.3	52.9
141	15.2	12.2	18.2

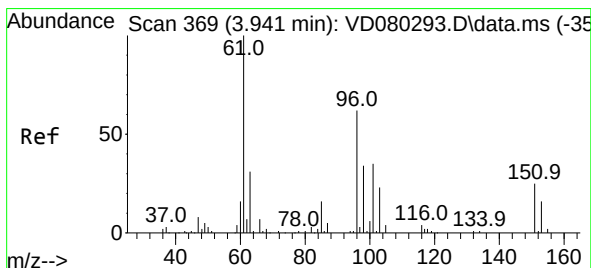
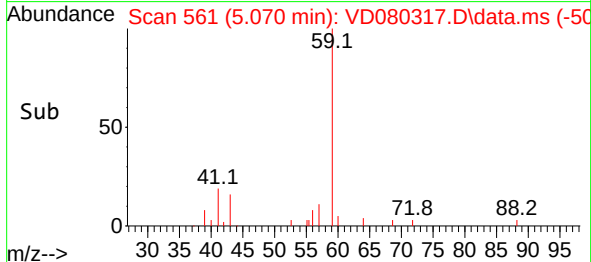
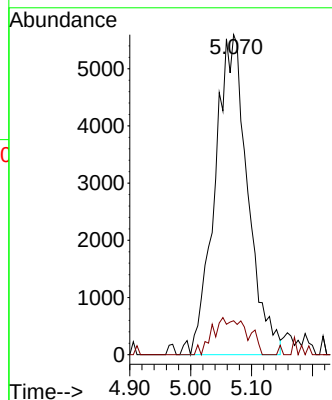
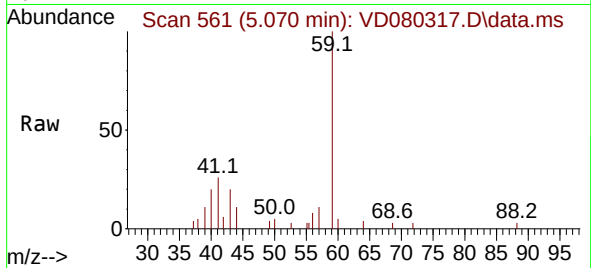




#11
Tert butyl alcohol
Concen: 220.008 ug/l
RT: 5.070 min Scan# 50
Delta R.T. 0.012 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

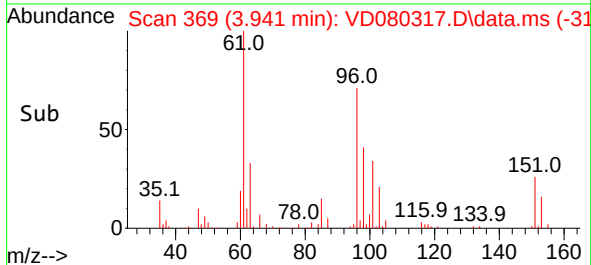
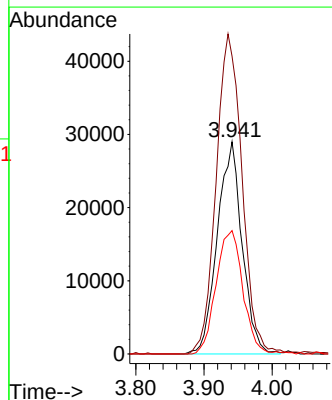
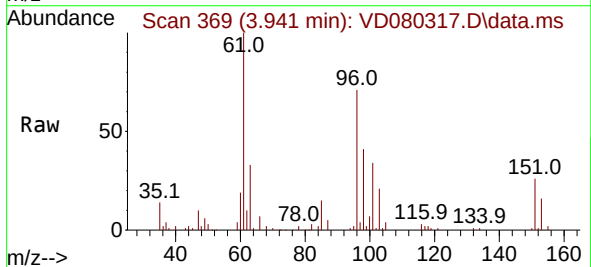
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

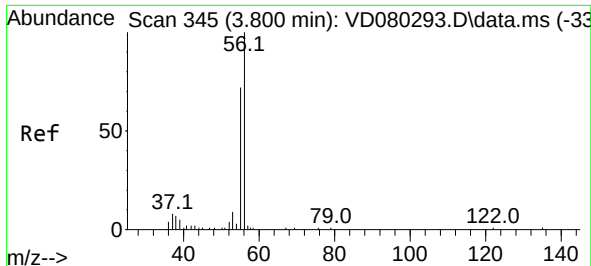
Tgt Ion: 59 Resp: 21116
Ion Ratio Lower Upper
59 100
57 6.3 4.8 7.2



#12
1,1-Dichloroethene
Concen: 49.635 ug/l
RT: 3.941 min Scan# 369
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion: 96 Resp: 73509
Ion Ratio Lower Upper
96 100
61 140.4 122.6 184.0
98 58.2 47.1 70.7

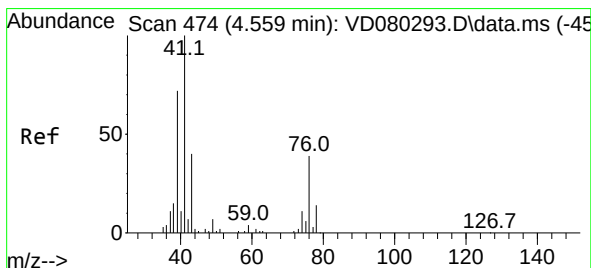
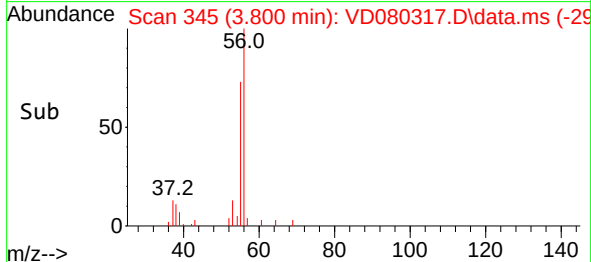
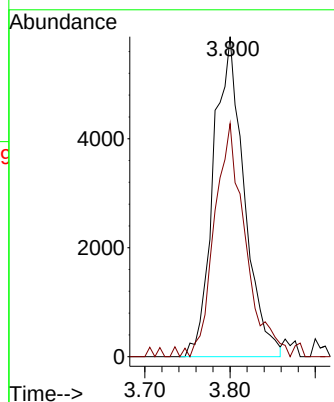
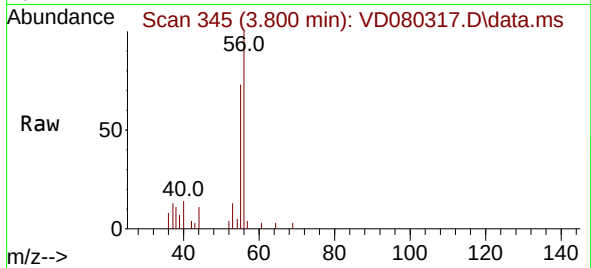




#13
Acrolein
Concen: 86.829 ug/l
RT: 3.800 min Scan# 345
Delta R.T. 0.007 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

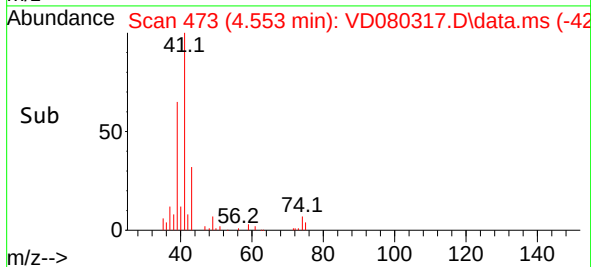
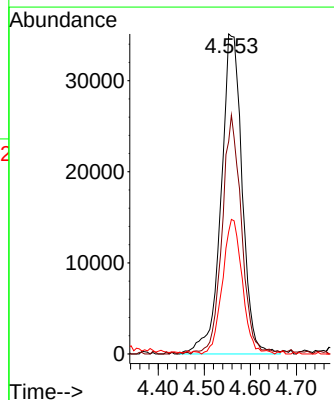
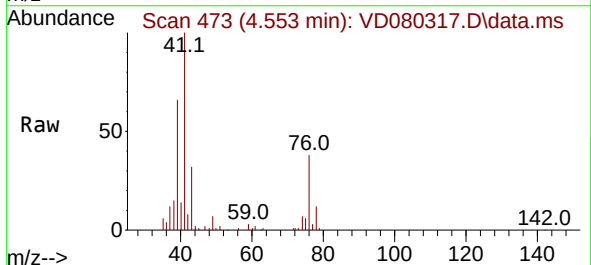
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

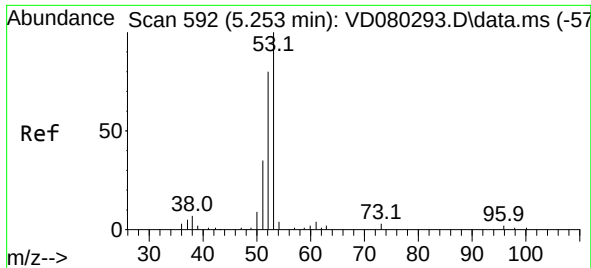
Tgt Ion: 56 Resp: 14663
Ion Ratio Lower Upper
56 100
55 73.5 58.2 87.2



#14
Allyl chloride
Concen: 47.831 ug/l
RT: 4.553 min Scan# 473
Delta R.T. -0.011 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion: 41 Resp: 111408
Ion Ratio Lower Upper
41 100
39 66.6 53.3 79.9
76 39.6 32.0 48.0

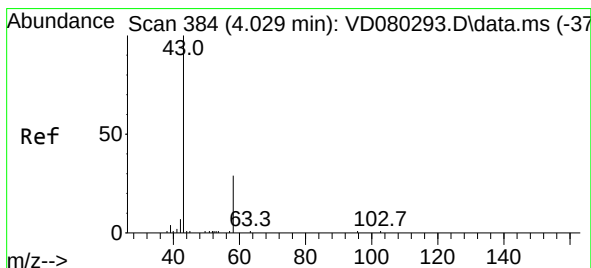
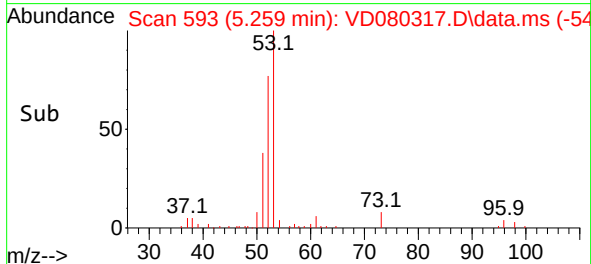
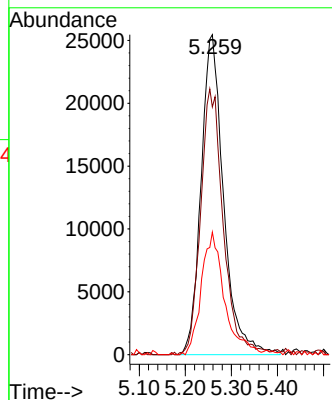
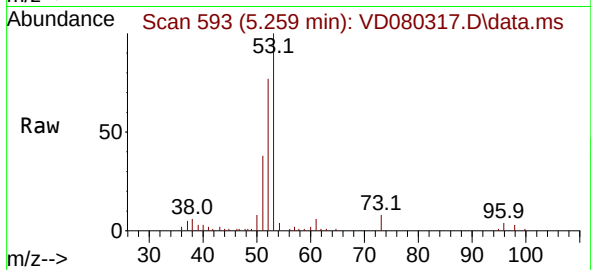




#15
Acrylonitrile
Concen: 239.638 ug/l
RT: 5.259 min Scan# 592
Delta R.T. 0.007 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

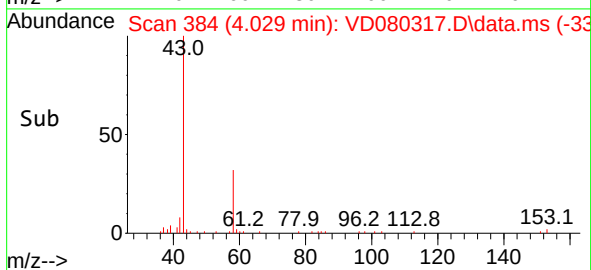
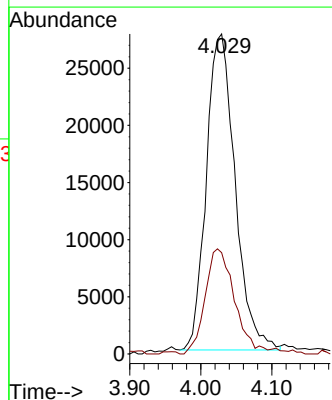
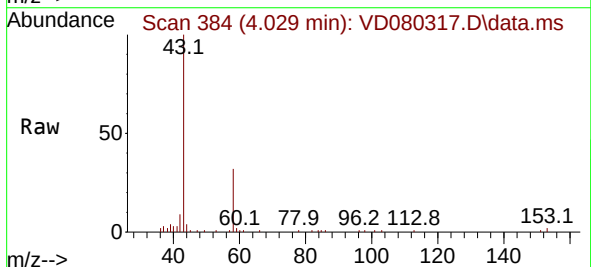
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

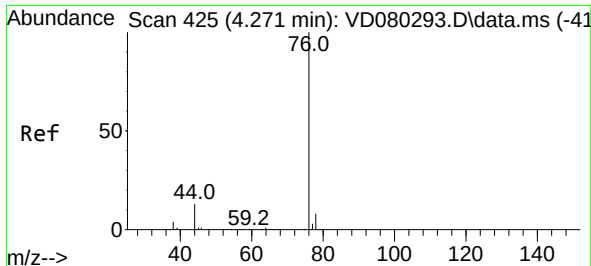
Tgt Ion: 53 Resp: 86708
Ion Ratio Lower Upper
53 100
52 83.4 66.2 99.4
51 39.1 30.3 45.5



#16
Acetone
Concen: 322.964 ug/l
RT: 4.029 min Scan# 384
Delta R.T. 0.006 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion: 43 Resp: 77842
Ion Ratio Lower Upper
43 100
58 32.0 25.4 38.2

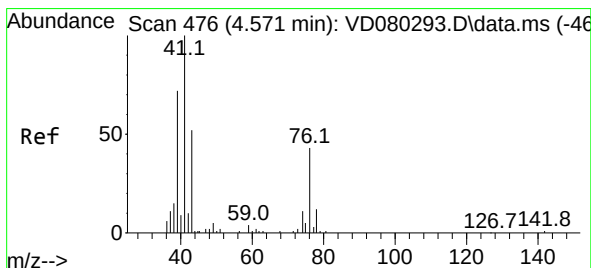
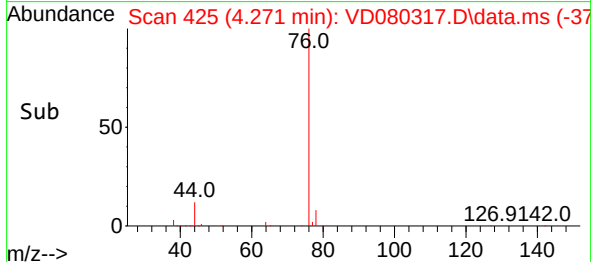
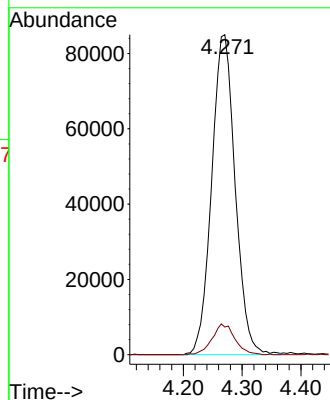
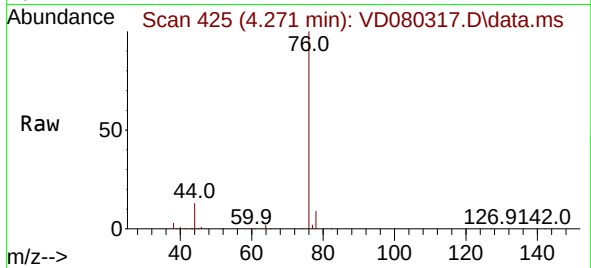




#17
Carbon Disulfide
Concen: 45.930 ug/l
RT: 4.271 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

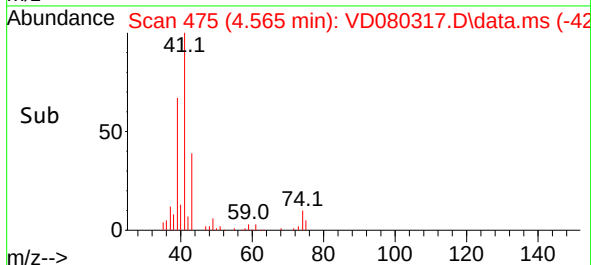
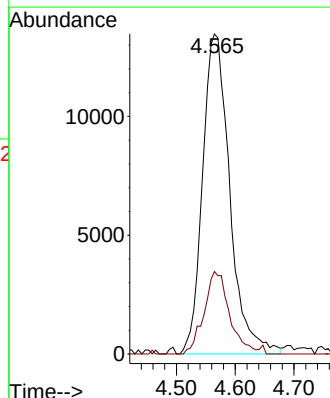
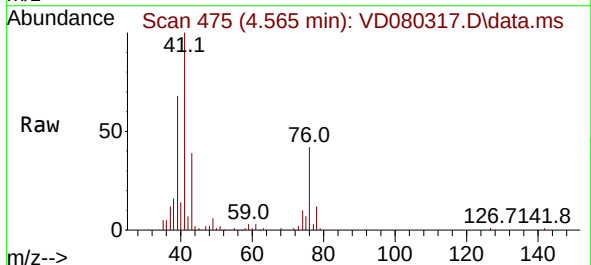
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

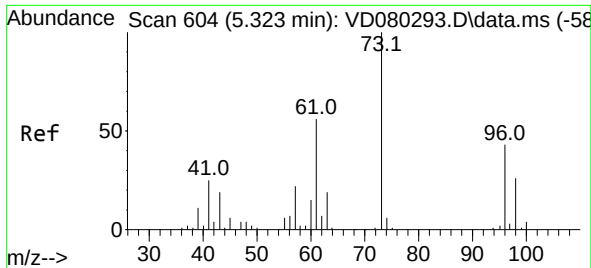
Tgt Ion: 76 Resp: 236209
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 42.351 ug/l
RT: 4.565 min Scan# 475
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion: 43 Resp: 43345
Ion Ratio Lower Upper
43 100
74 24.0 20.5 30.7

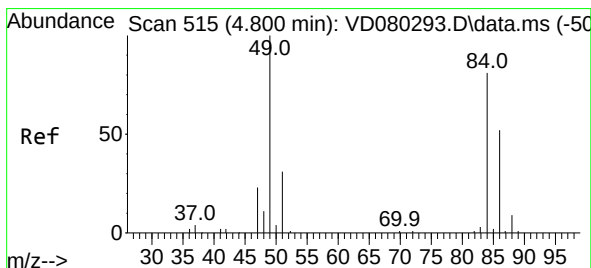
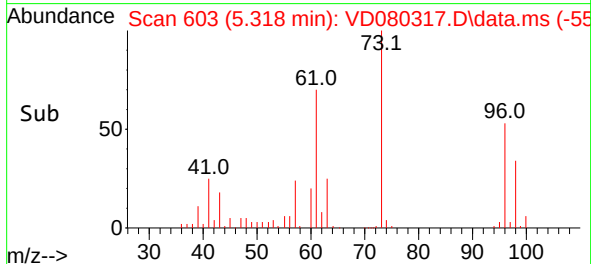
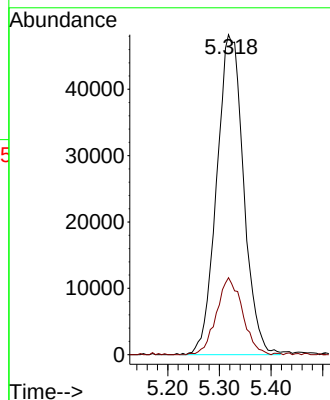
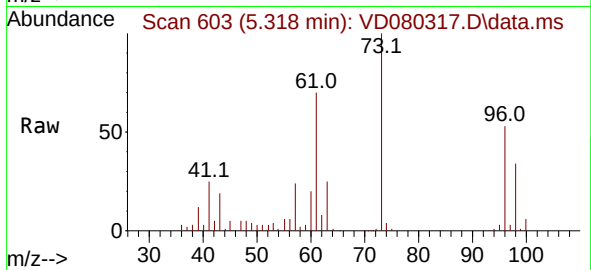




#19
Methyl tert-butyl Ether
Concen: 53.518 ug/l
RT: 5.318 min Scan# 604
Delta R.T. -0.004 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

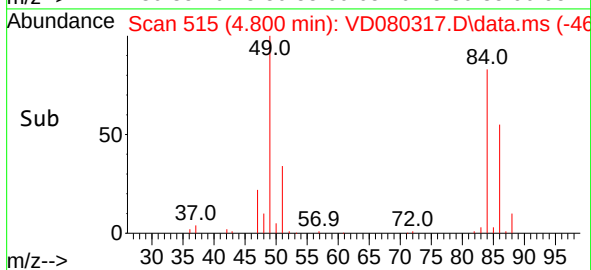
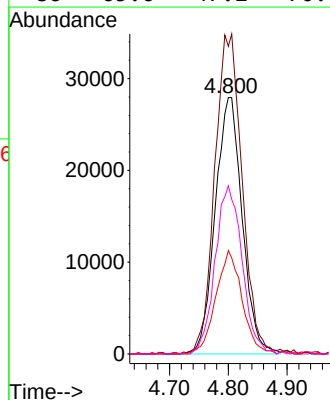
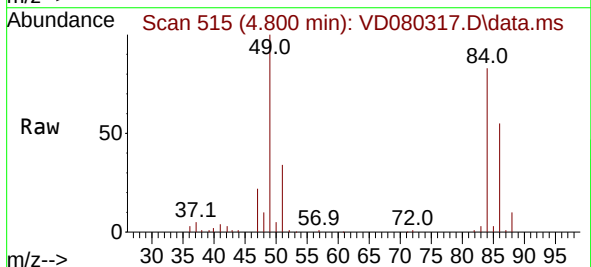
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

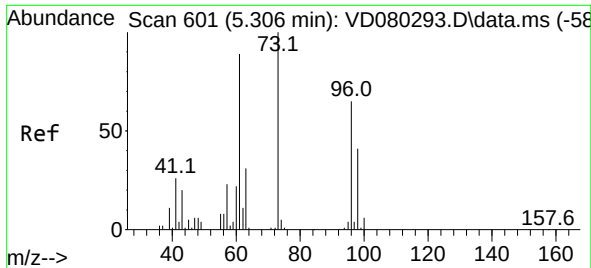
Tgt Ion: 73 Resp: 174124
Ion Ratio Lower Upper
73 100
57 24.0 18.8 28.2



#20
Methylene Chloride
Concen: 52.874 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion: 84 Resp: 88943
Ion Ratio Lower Upper
84 100
49 120.0 86.5 129.7
51 40.3 26.9 40.3
86 65.6 47.2 70.8

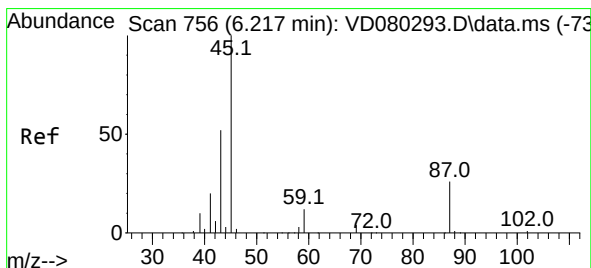
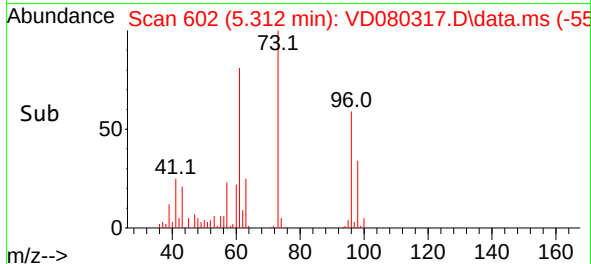
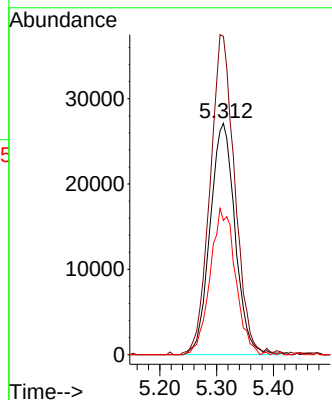
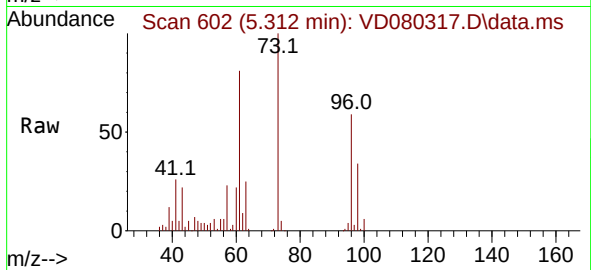




#21
trans-1,2-Dichloroethene
Concen: 51.469 ug/l
RT: 5.312 min Scan# 601
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

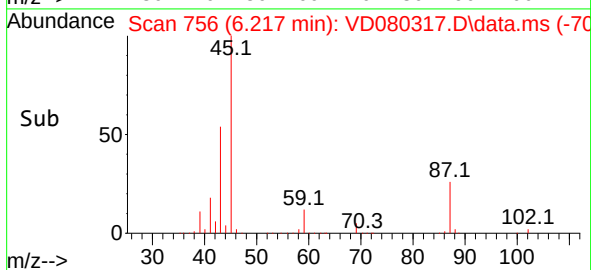
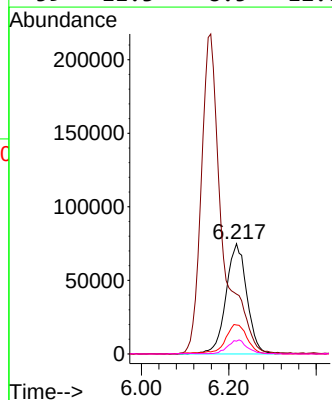
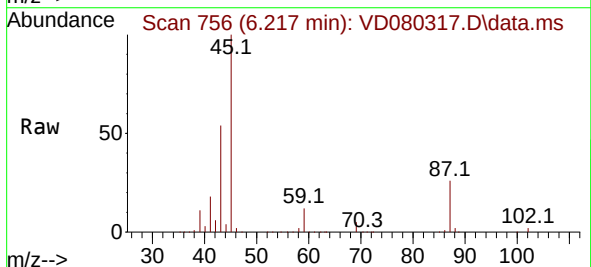
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

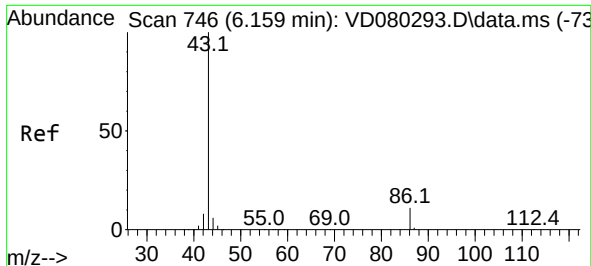
Tgt Ion: 96 Resp: 82809
Ion Ratio Lower Upper
96 100
61 137.6 109.4 164.0
98 58.0 49.8 74.8



#22
Diisopropyl ether
Concen: 51.615 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion: 45 Resp: 247650
Ion Ratio Lower Upper
45 100
43 53.6 42.6 63.8
87 26.0 22.7 34.1
59 11.3 8.5 12.7

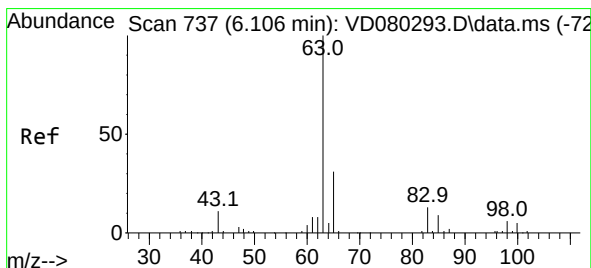
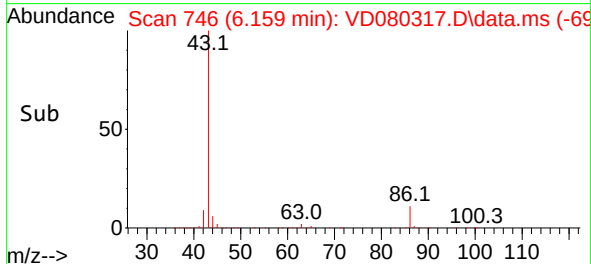
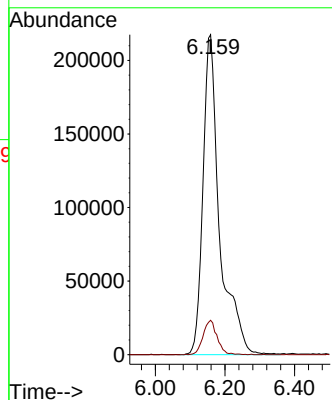
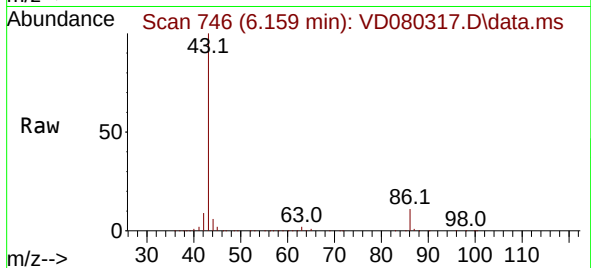




#23
 Vinyl Acetate
 Concen: 258.895 ug/l
 RT: 6.159 min Scan# 746
 Delta R.T. 0.001 min
 Lab File: VD080317.D
 Acq: 14 May 2025 12:25

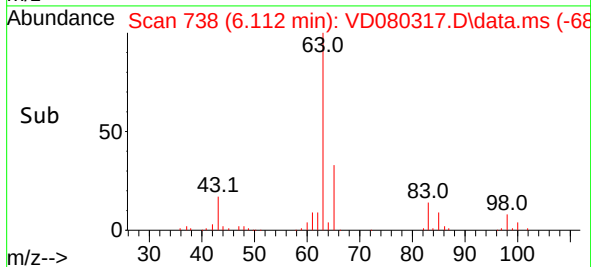
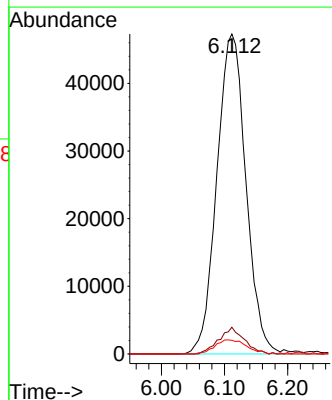
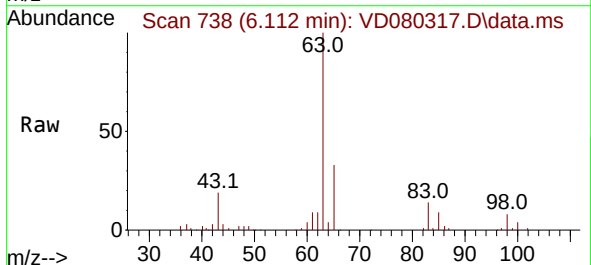
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

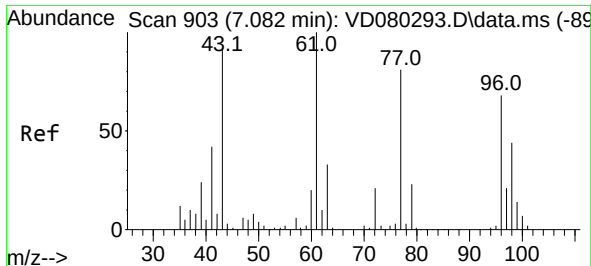
Tgt Ion: 43 Resp: 723477
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 50.017 ug/l
 RT: 6.112 min Scan# 738
 Delta R.T. -0.005 min
 Lab File: VD080317.D
 Acq: 14 May 2025 12:25

Tgt Ion: 63 Resp: 151012
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.5 10.6
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 251.047 ug/l

RT: 7.082 min Scan# 903

Delta R.T. -0.005 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

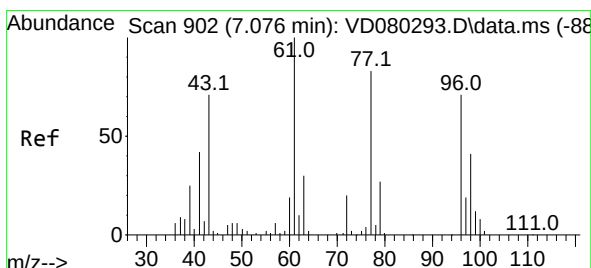
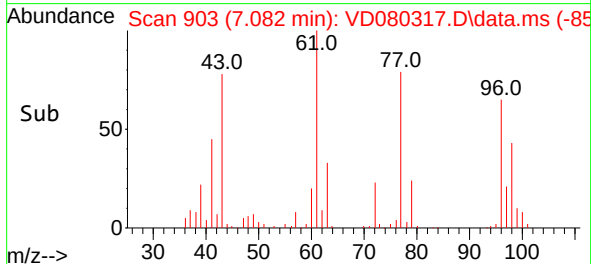
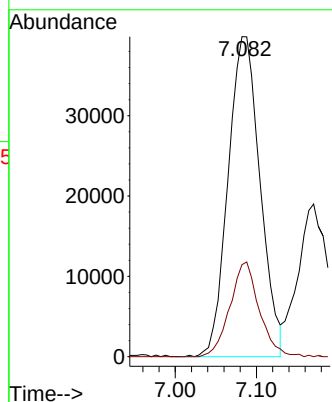
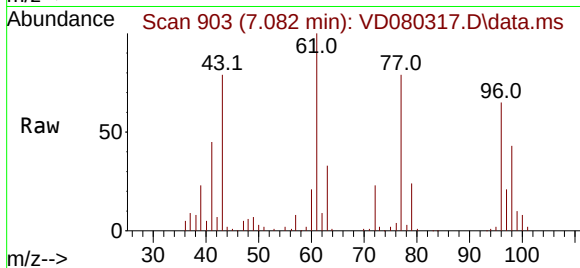
VSTDCCC050

Tgt Ion: 43 Resp: 109254

Ion Ratio Lower Upper

43 100

72 28.8 22.3 33.5



#26

2,2-Dichloropropane

Concen: 53.628 ug/l

RT: 7.076 min Scan# 902

Delta R.T. 0.001 min

Lab File: VD080317.D

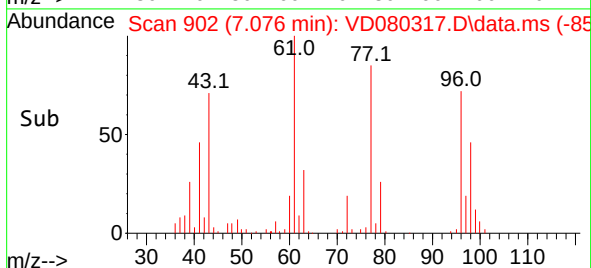
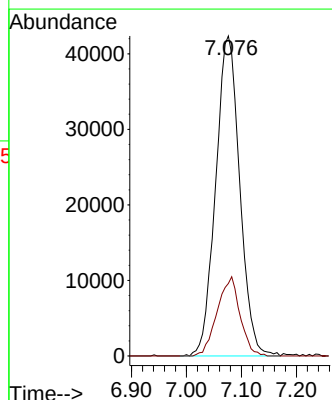
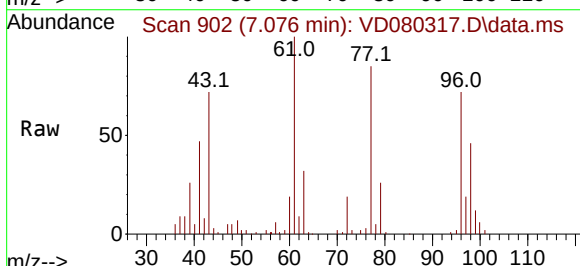
Acq: 14 May 2025 12:25

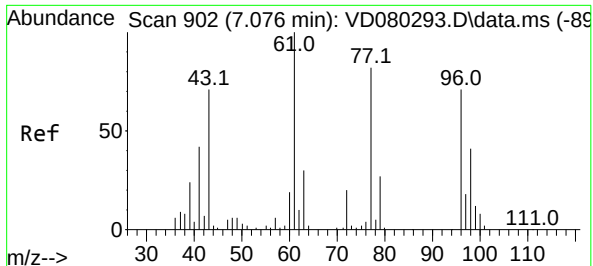
Tgt Ion: 77 Resp: 128841

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 53.005 ug/l

RT: 7.076 min Scan# 902

Delta R.T. -0.005 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

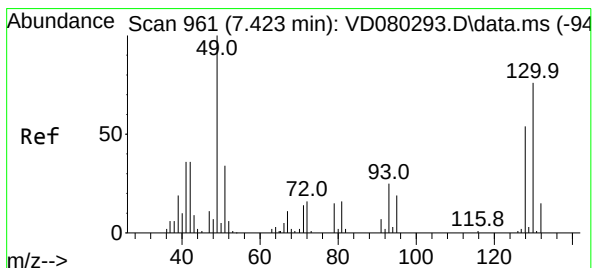
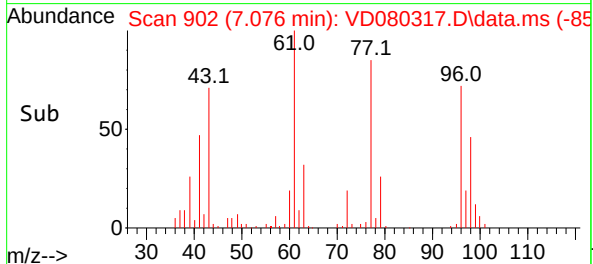
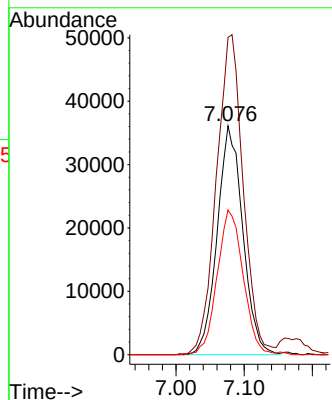
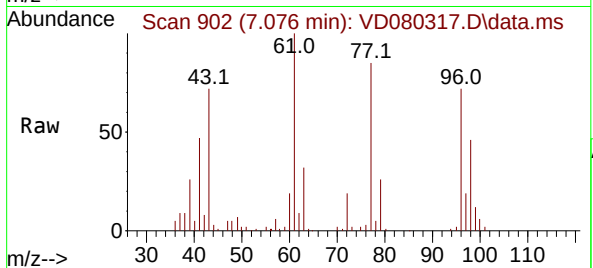
Tgt Ion: 96 Resp: 94485

Ion Ratio Lower Upper

96 100

61 146.5 0.0 278.2

98 64.1 0.0 127.8



#28

Bromochloromethane

Concen: 41.811 ug/l

RT: 7.423 min Scan# 961

Delta R.T. -0.005 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

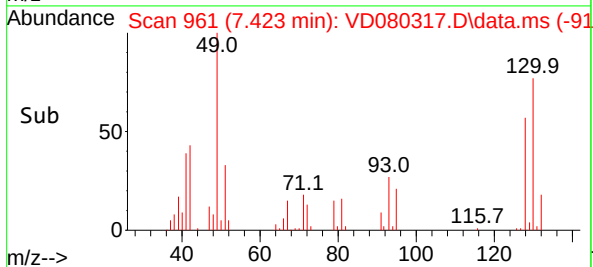
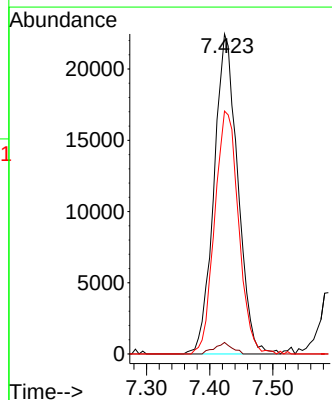
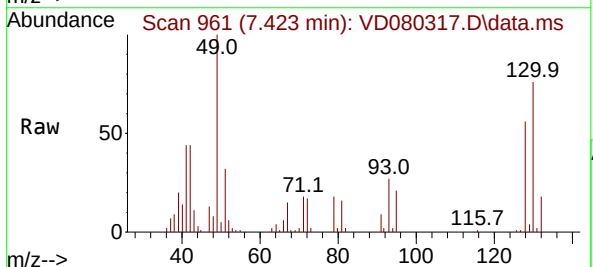
Tgt Ion: 49 Resp: 58777

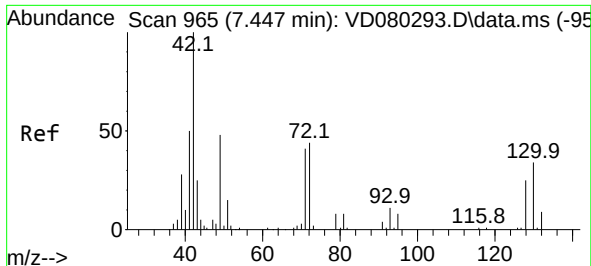
Ion Ratio Lower Upper

49 100

129 2.6 0.0 2.2#

130 76.4 64.6 97.0





#29

Tetrahydrofuran

Concen: 246.707 ug/l

RT: 7.447 min Scan# 90

Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

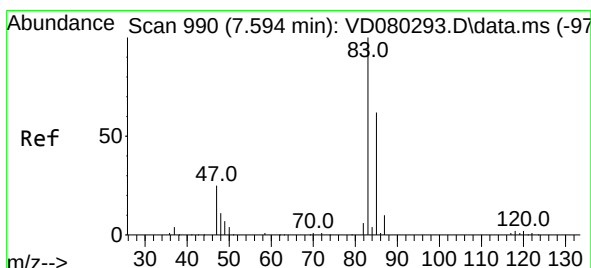
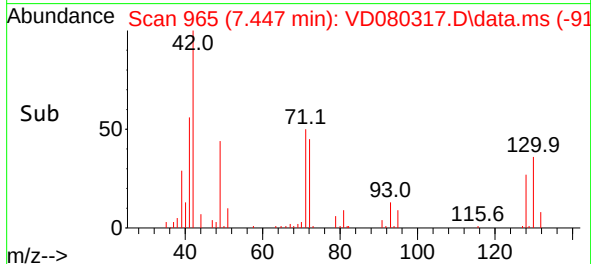
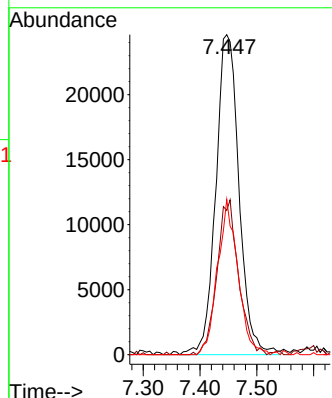
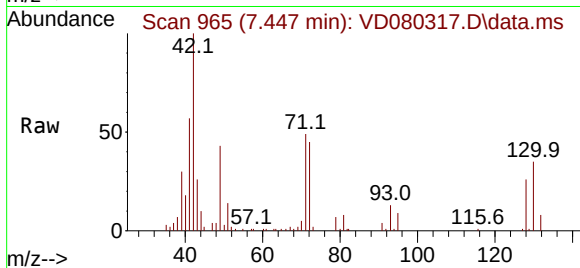
Tgt Ion: 42 Resp: 70004

Ion Ratio Lower Upper

42 100

72 44.9 36.7 55.1

71 42.5 34.4 51.6



#30

Chloroform

Concen: 52.154 ug/l

RT: 7.600 min Scan# 991

Delta R.T. 0.001 min

Lab File: VD080317.D

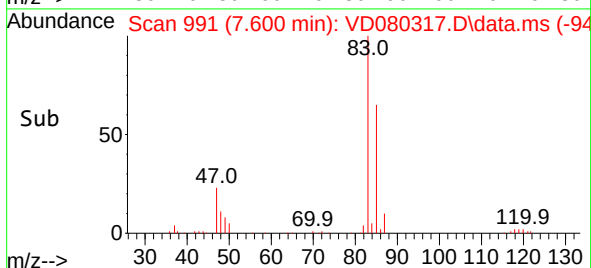
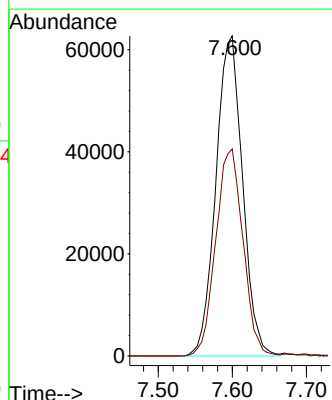
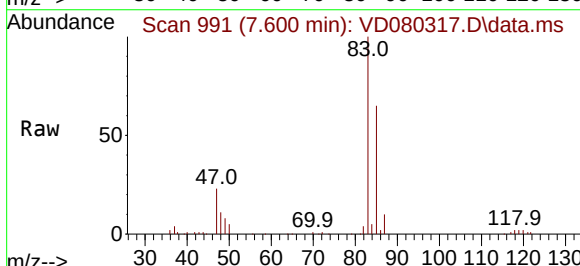
Acq: 14 May 2025 12:25

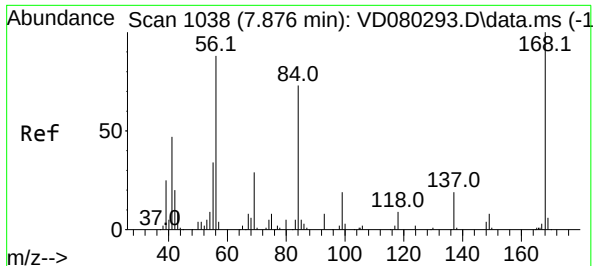
Tgt Ion: 83 Resp: 157029

Ion Ratio Lower Upper

83 100

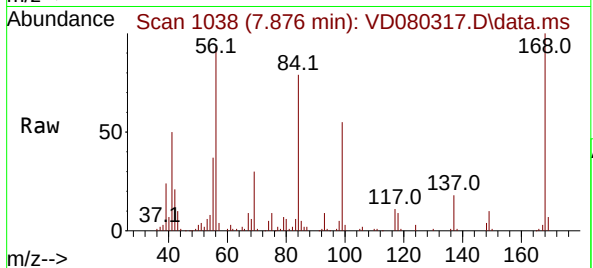
85 64.7 50.8 76.2



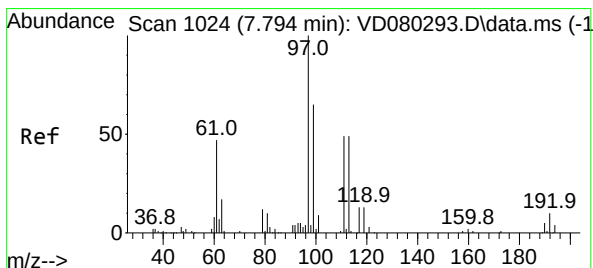
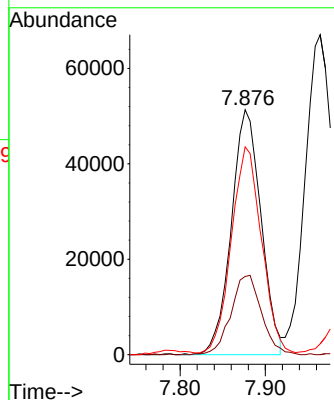
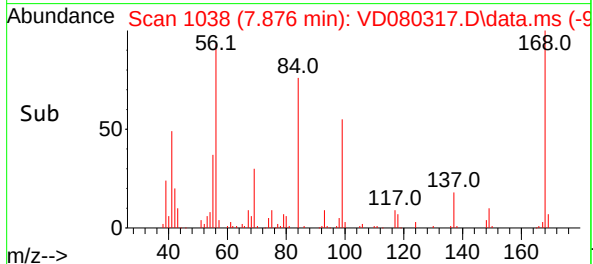


#31
Cyclohexane
Concen: 48.400 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

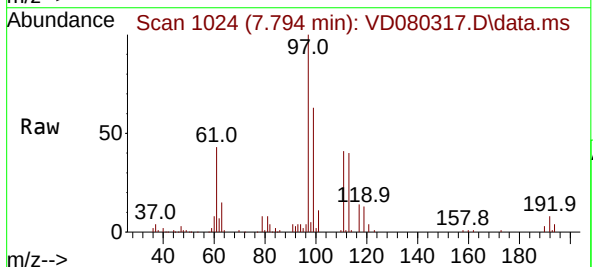
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



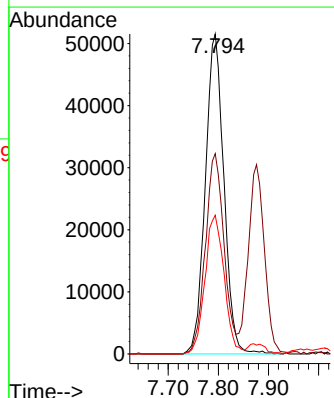
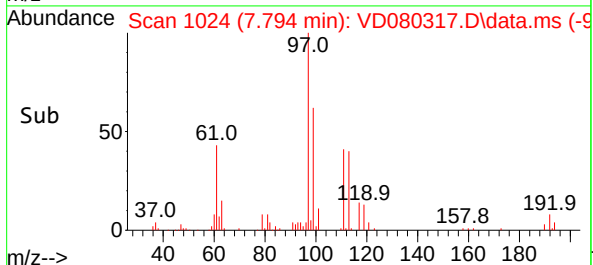
Tgt Ion: 56 Resp: 124370
Ion Ratio Lower Upper
56 100
69 31.5 27.3 40.9
84 83.7 70.2 105.4

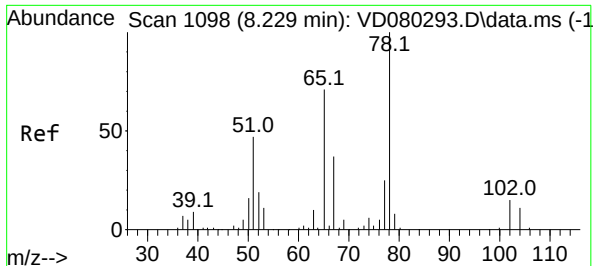


#32
1,1,1-Trichloroethane
Concen: 53.896 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25



Tgt Ion: 97 Resp: 132391
Ion Ratio Lower Upper
97 100
99 63.0 50.7 76.1
61 45.0 34.2 51.2

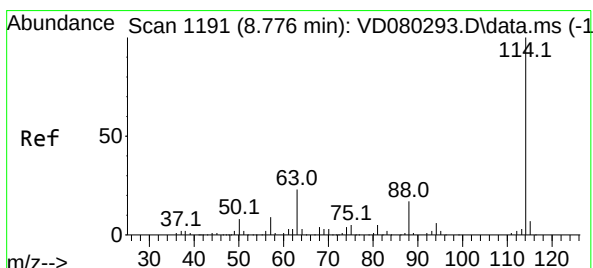
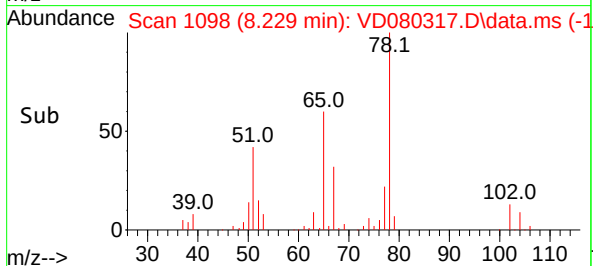
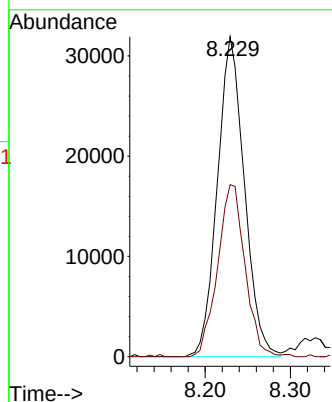
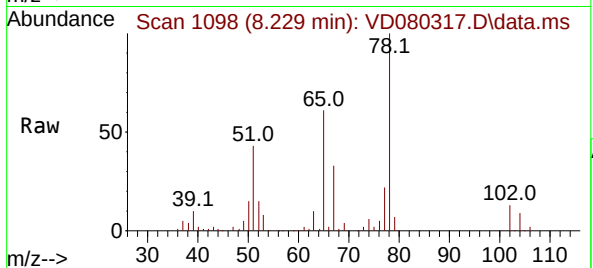




#33
1,2-Dichloroethane-d4
Concen: 44.423 ug/l
RT: 8.229 min Scan# 1098
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

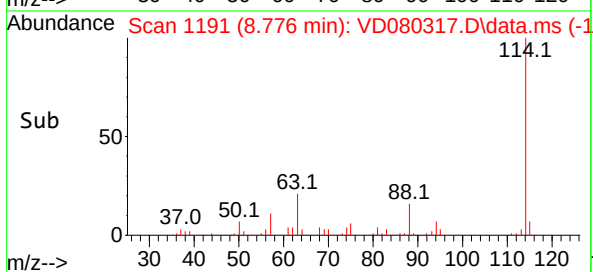
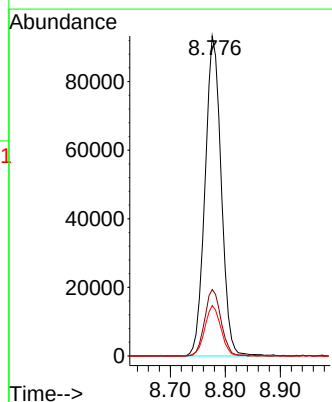
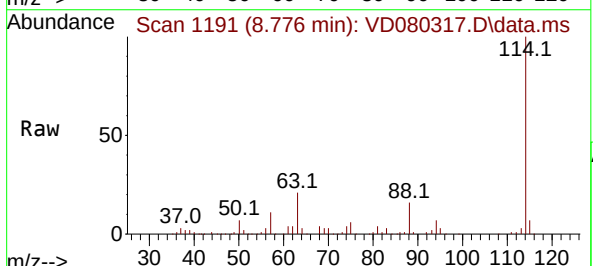
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

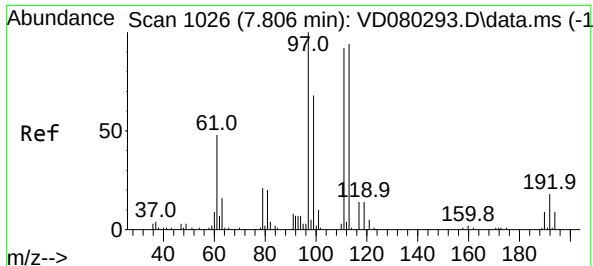
Tgt Ion: 65 Resp: 70263
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.776 min Scan# 1191
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion: 114 Resp: 190669
Ion Ratio Lower Upper
114 100
63 20.8 0.0 38.8
88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.847 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

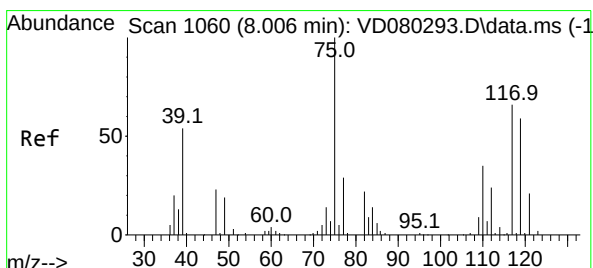
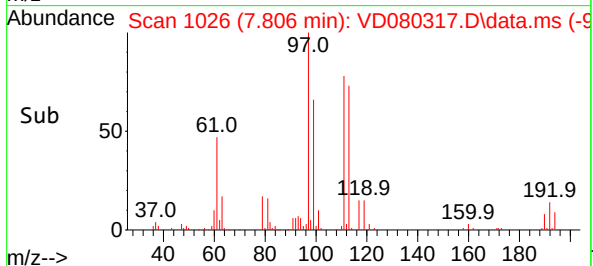
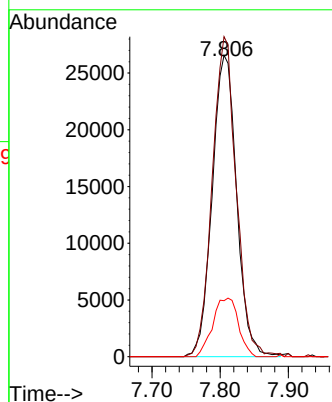
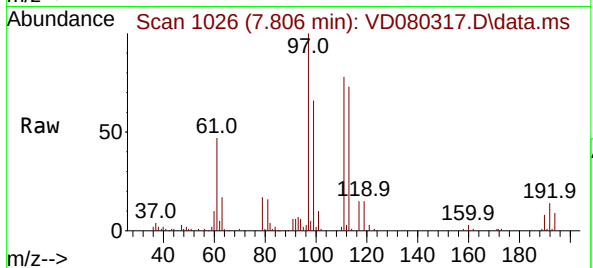
Tgt Ion:113 Resp: 66257

Ion Ratio Lower Upper

113 100

111 104.4 82.5 123.7

192 20.3 16.6 25.0



#36

1,1-Dichloropropene

Concen: 57.917 ug/l

RT: 8.006 min Scan# 1060

Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

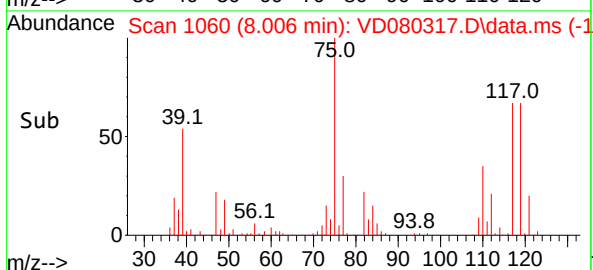
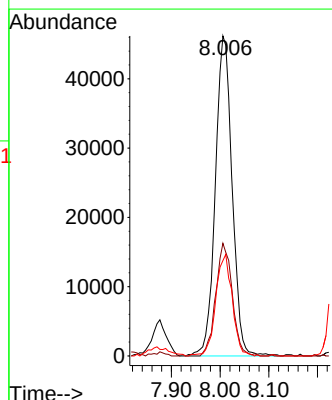
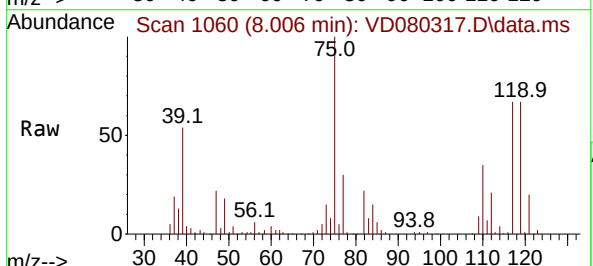
Tgt Ion: 75 Resp: 110616

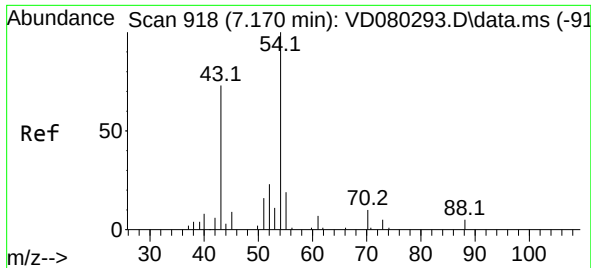
Ion Ratio Lower Upper

75 100

110 34.6 18.4 55.0

77 31.2 25.6 38.4

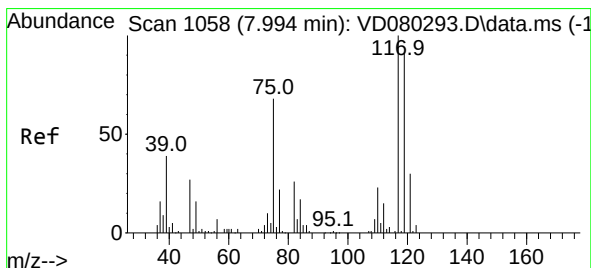
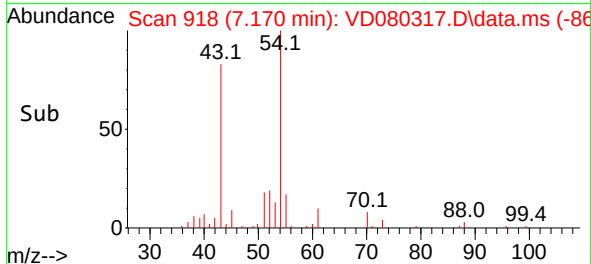
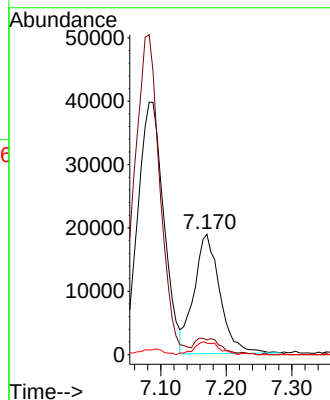
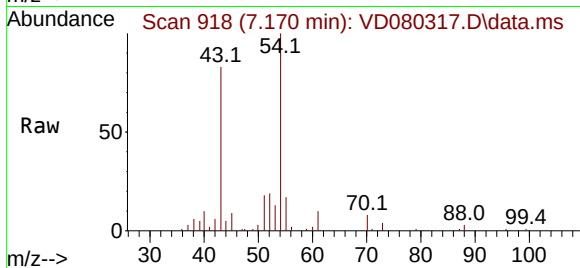




#37
Ethyl Acetate
Concen: 51.620 ug/l
RT: 7.170 min Scan# 918
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

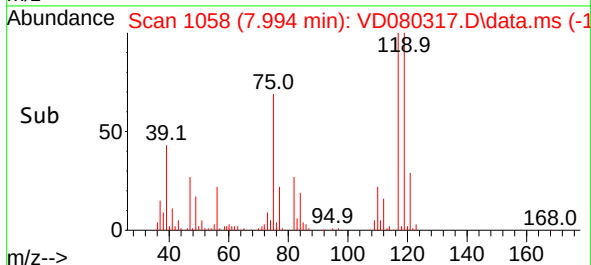
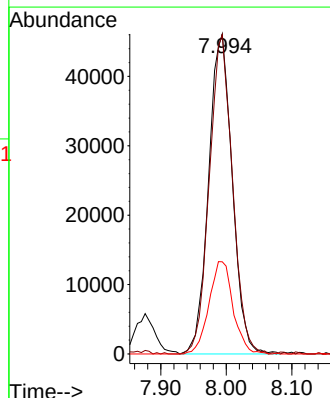
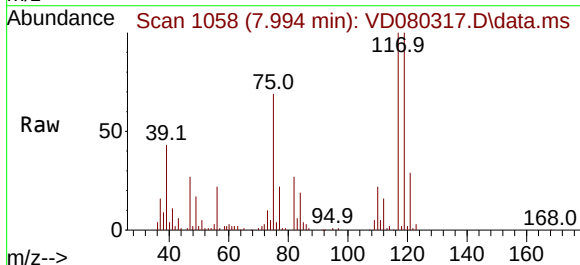
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

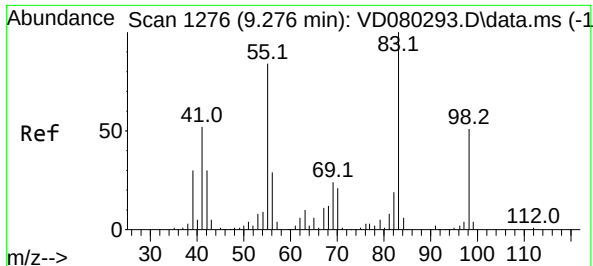
Tgt Ion:	43	Resp:	51554
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.4
70	10.3	9.4	14.2



#38
Carbon Tetrachloride
Concen: 57.966 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. 0.007 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion:	117	Resp:	115458
Ion	Ratio	Lower	Upper
117	100		
119	99.8	73.4	110.0
121	28.8	24.5	36.7





#39

Methylcyclohexane

Concen: 58.521 ug/l

RT: 9.270 min Scan# 1102

Delta R.T. -0.005 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

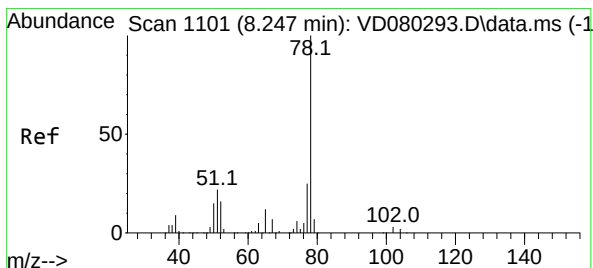
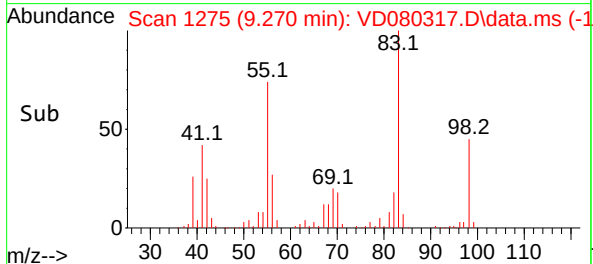
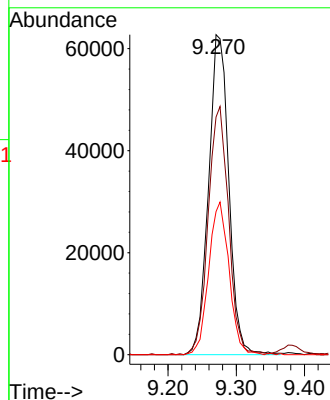
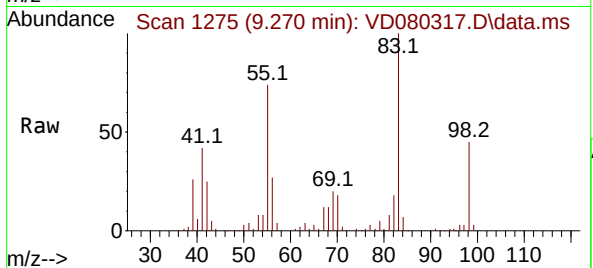
Tgt Ion: 83 Resp: 129696

Ion Ratio Lower Upper

83 100

55 74.0 62.0 93.0

98 44.7 38.7 58.1



#40

Benzene

Concen: 55.621 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. 0.001 min

Lab File: VD080317.D

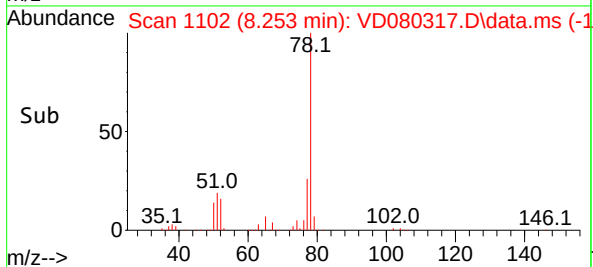
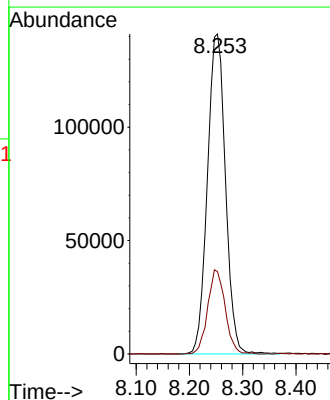
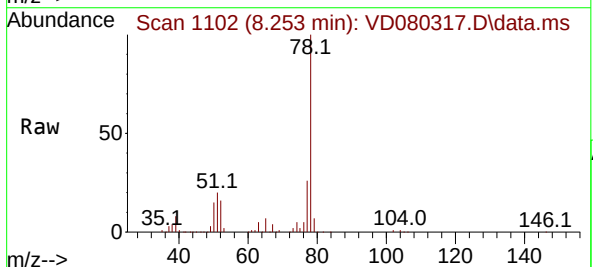
Acq: 14 May 2025 12:25

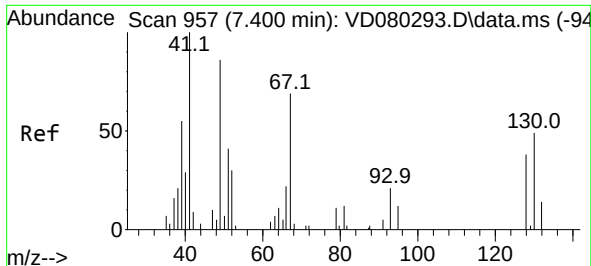
Tgt Ion: 78 Resp: 332854

Ion Ratio Lower Upper

78 100

77 25.7 20.2 30.4

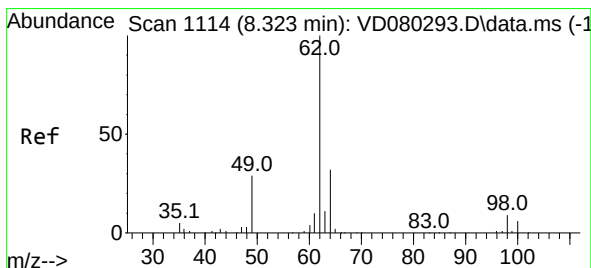
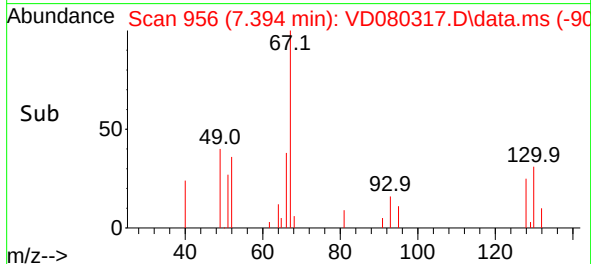
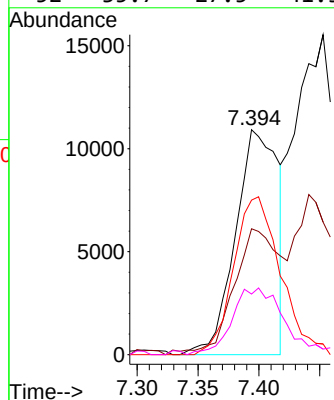
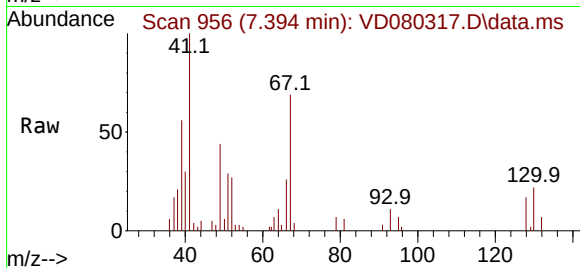




#41
Methacrylonitrile
Concen: 47.959 ug/l
RT: 7.394 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

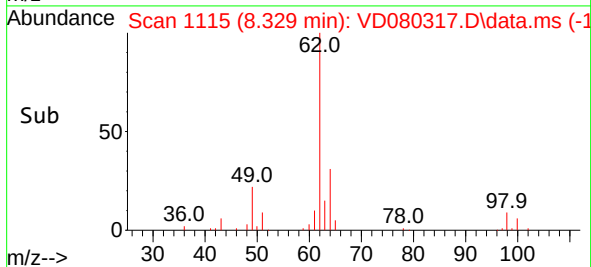
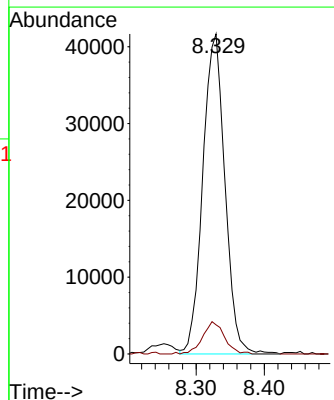
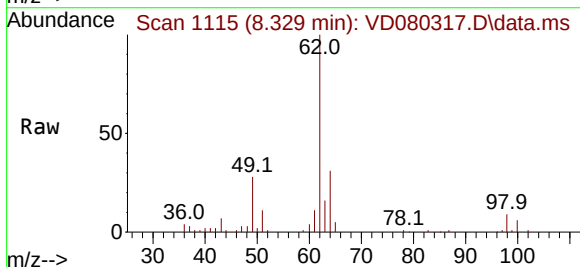
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

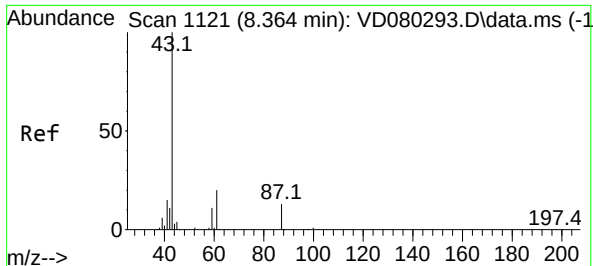
Tgt Ion:	41	Resp:	26506
Ion	Ratio	Lower	Upper
41	100		
39	63.3	47.8	71.8
67	77.2	64.9	97.3
52	35.7	27.5	41.3



#42
1,2-Dichloroethane
Concen: 54.285 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion:	62	Resp:	94135
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.8

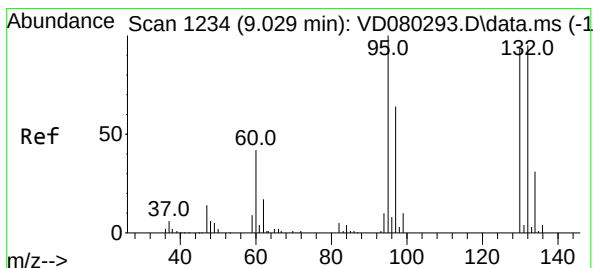
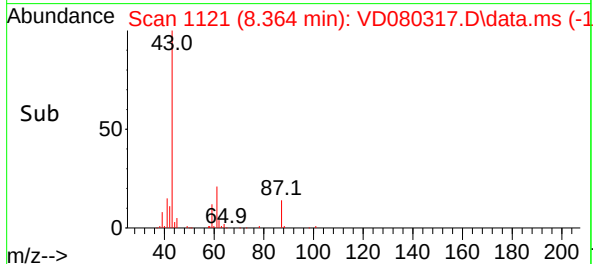
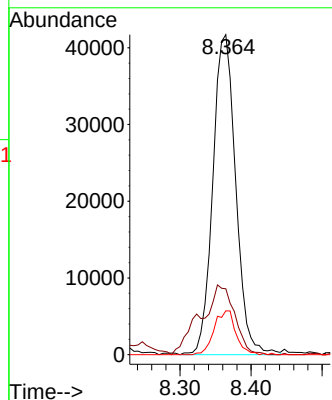
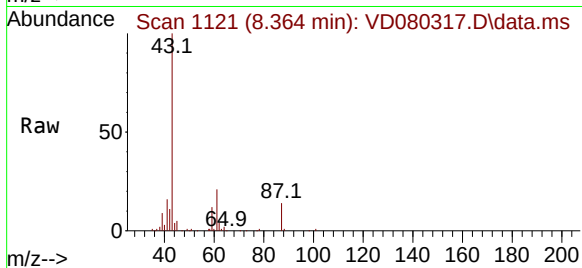




#43
Isopropyl Acetate
Concen: 51.594 ug/l
RT: 8.364 min Scan# 1121
Delta R.T. 0.006 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

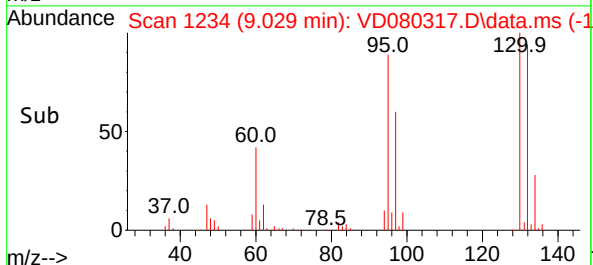
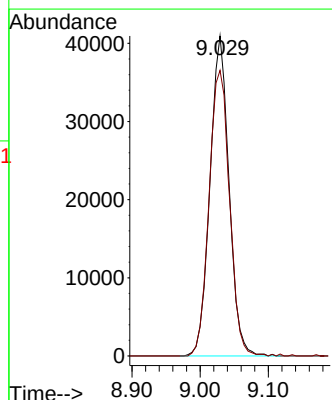
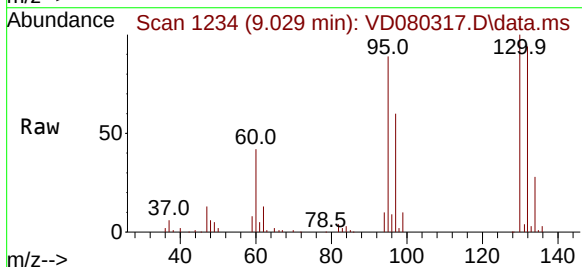
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

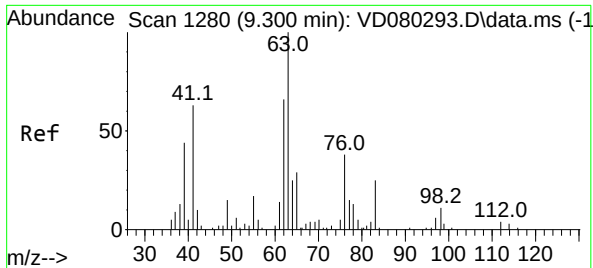
Tgt Ion: 43 Resp: 93437
Ion Ratio Lower Upper
43 100
61 22.4 26.2 39.2#
87 13.0 11.8 17.8



#44
Trichloroethene
Concen: 57.288 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion:130 Resp: 79582
Ion Ratio Lower Upper
130 100
95 89.3 0.0 194.6





#45

1,2-Dichloropropane

Concen: 57.016 ug/l

RT: 9.306 min Scan# 1281

Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

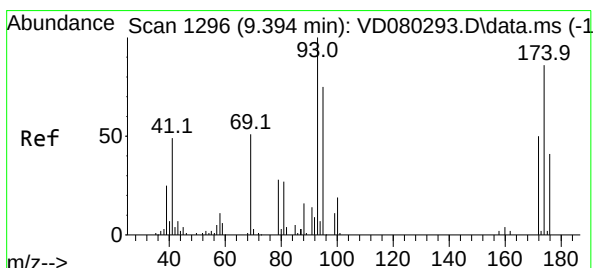
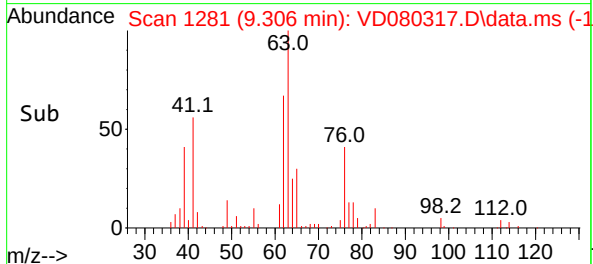
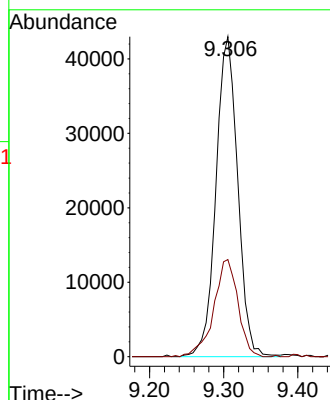
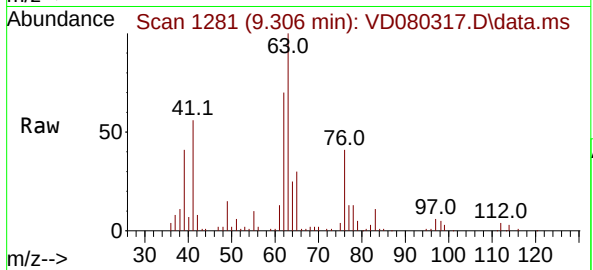
VSTDCCC050

Tgt Ion: 63 Resp: 87507

Ion Ratio Lower Upper

63 100

65 30.4 26.2 39.4



#46

Dibromomethane

Concen: 57.598 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

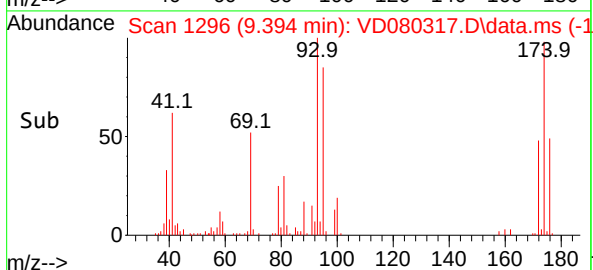
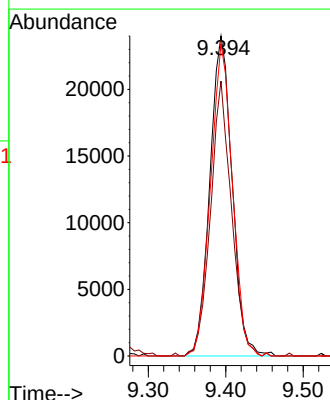
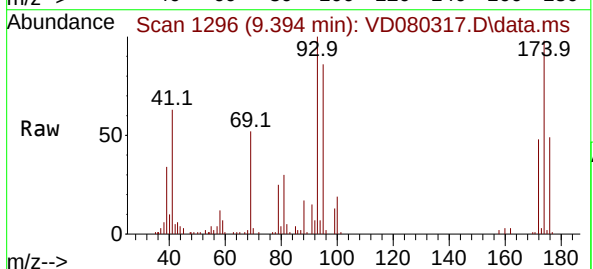
Tgt Ion: 93 Resp: 48130

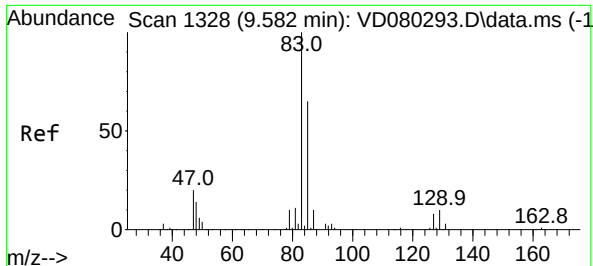
Ion Ratio Lower Upper

93 100

95 80.4 67.9 101.9

174 95.7 80.5 120.7

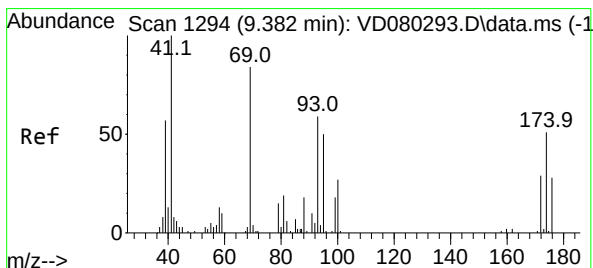
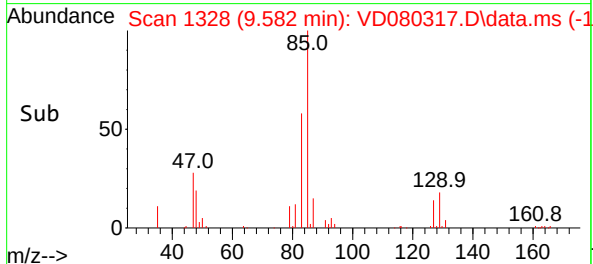
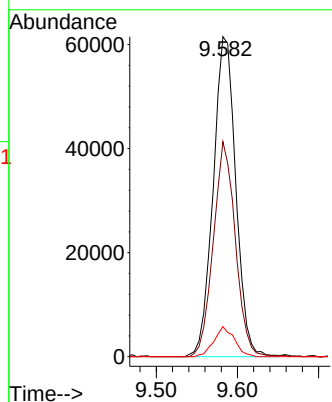
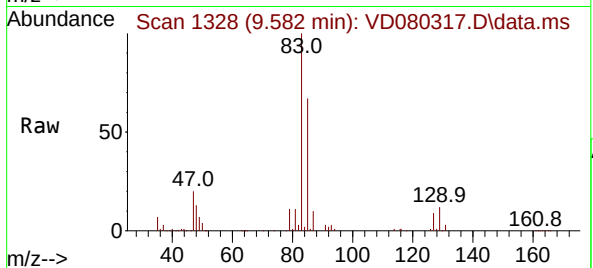




#47
Bromodichloromethane
Concen: 56.179 ug/l
RT: 9.582 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

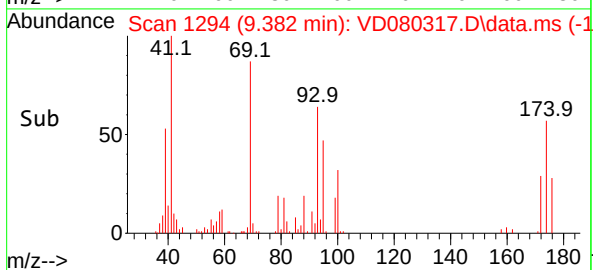
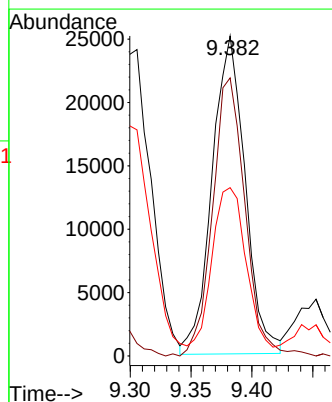
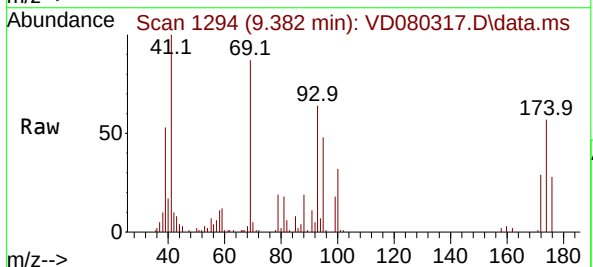
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

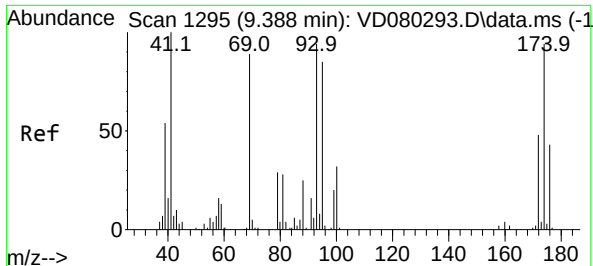
Tgt Ion: 83 Resp: 119153
Ion Ratio Lower Upper
83 100
85 67.2 50.6 75.8
127 9.4 6.1 9.1#



#48
Methyl methacrylate
Concen: 55.050 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion: 41 Resp: 47370
Ion Ratio Lower Upper
41 100
69 86.2 74.0 111.0
39 50.8 41.9 62.9





#49

1,4-Dioxane

Concen: 1109.933 ug/l

RT: 9.382 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

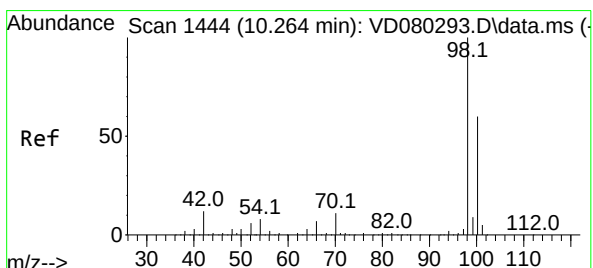
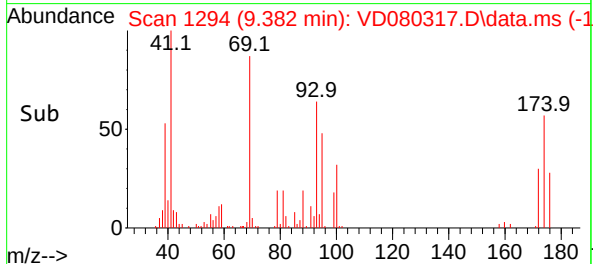
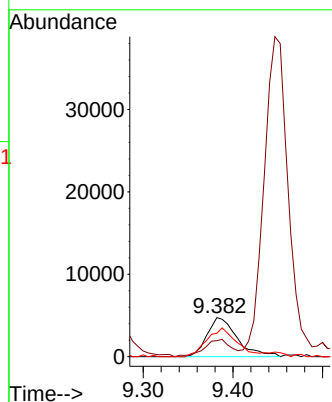
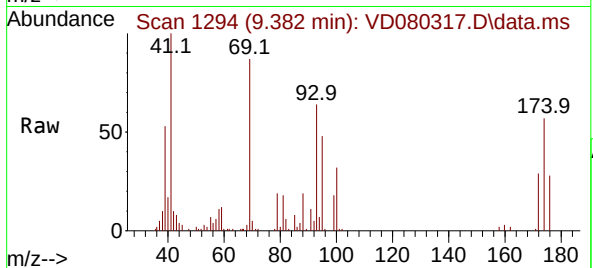
Tgt Ion: 88 Resp: 11027

Ion Ratio Lower Upper

88 100

43 38.7 29.1 43.7

58 72.7 59.9 89.9



#50

Toluene-d8

Concen: 51.495 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.001 min

Lab File: VD080317.D

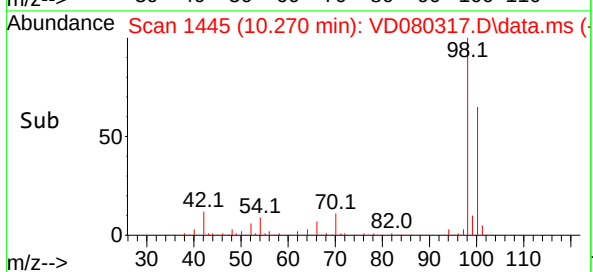
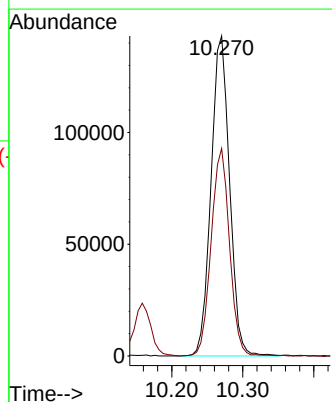
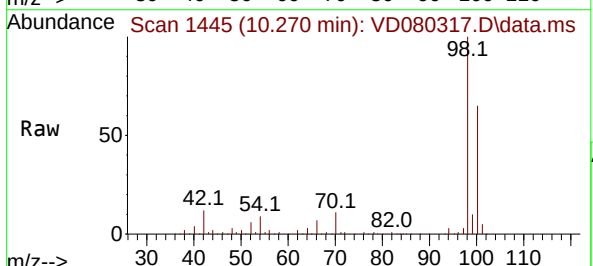
Acq: 14 May 2025 12:25

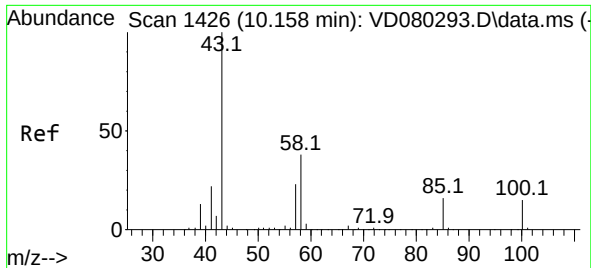
Tgt Ion: 98 Resp: 259287

Ion Ratio Lower Upper

98 100

100 64.3 50.2 75.4

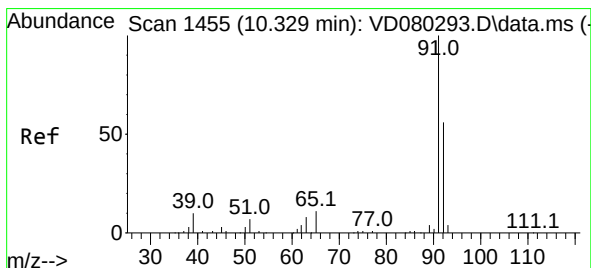
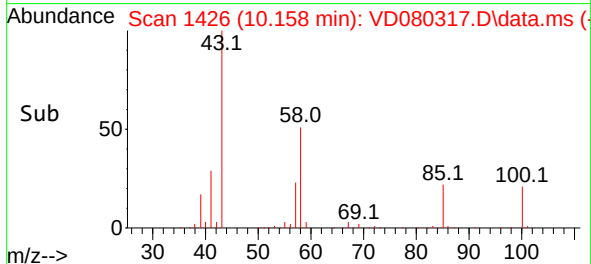
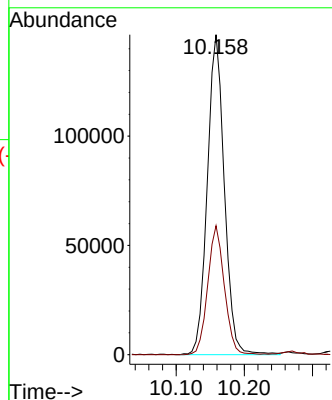
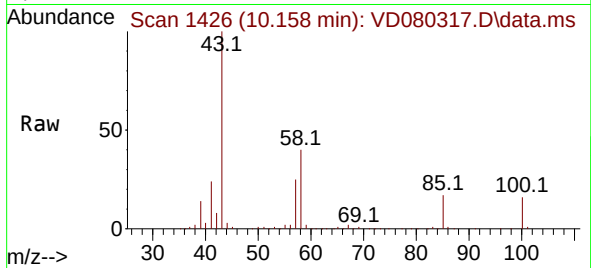




#51
4-Methyl-2-Pentanone
Concen: 273.148 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

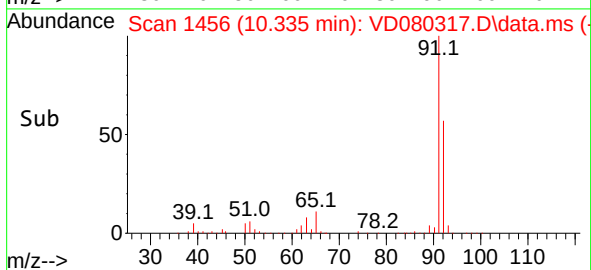
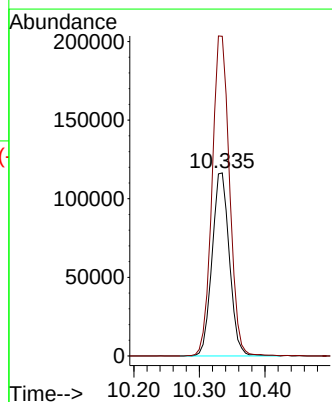
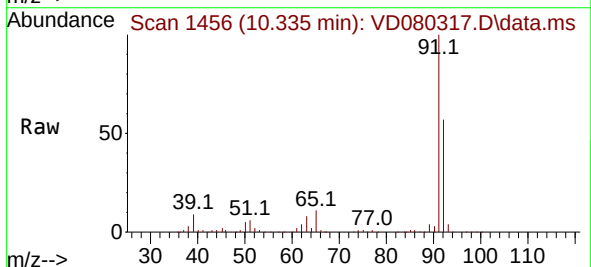
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

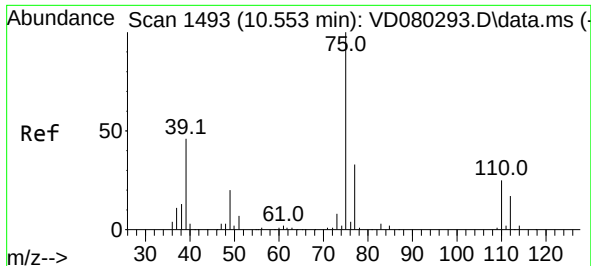
Tgt Ion: 43 Resp: 254880
Ion Ratio Lower Upper
43 100
58 39.3 32.8 49.2



#52
Toluene
Concen: 59.003 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion: 92 Resp: 212721
Ion Ratio Lower Upper
92 100
91 176.7 139.3 208.9

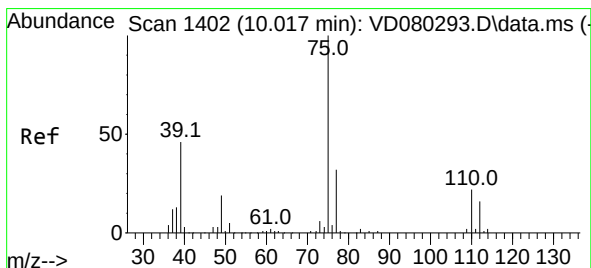
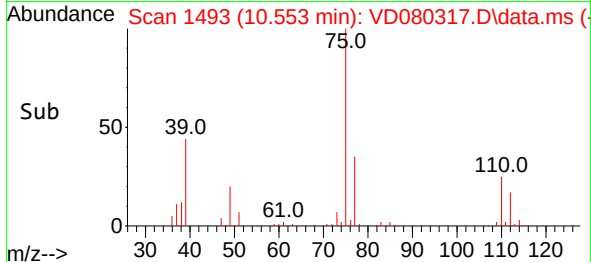
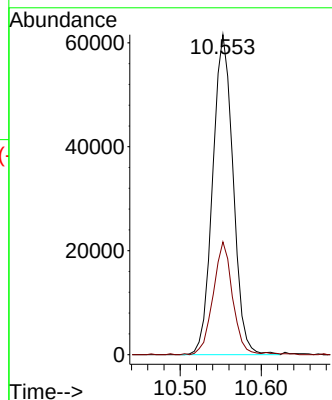
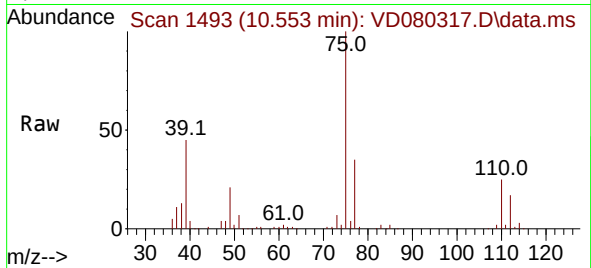




#53
 t-1,3-Dichloropropene
 Concen: 55.672 ug/l
 RT: 10.553 min Scan# 1493
 Delta R.T. 0.001 min
 Lab File: VD080317.D
 Acq: 14 May 2025 12:25

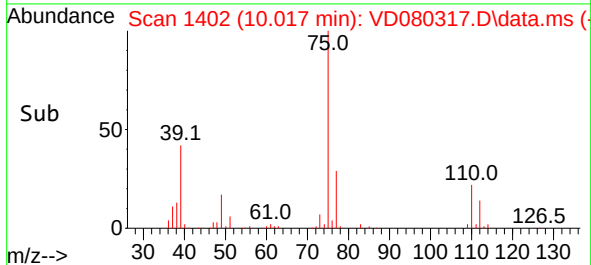
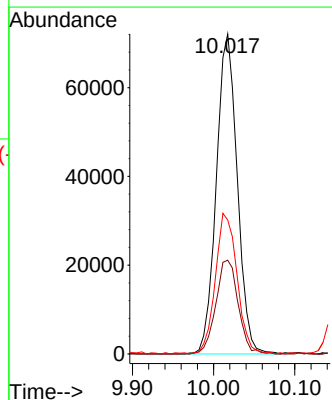
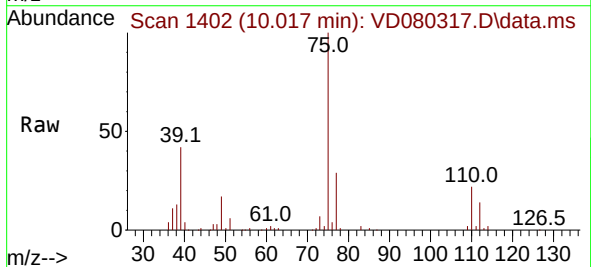
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

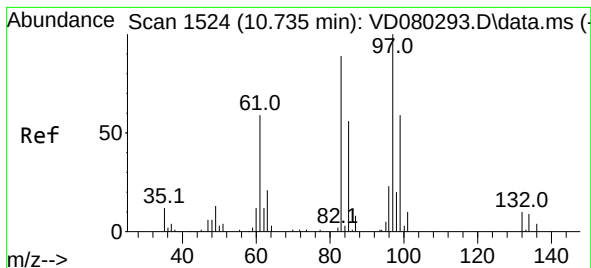
Tgt Ion: 75 Resp: 107644
 Ion Ratio Lower Upper
 75 100
 77 35.2 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 57.720 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.001 min
 Lab File: VD080317.D
 Acq: 14 May 2025 12:25

Tgt Ion: 75 Resp: 129329
 Ion Ratio Lower Upper
 75 100
 77 29.3 25.0 37.4
 39 41.6 33.2 49.8





#55

1,1,2-Trichloroethane

Concen: 57.398 ug/l

RT: 10.735 min Scan# 1524

Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 63444

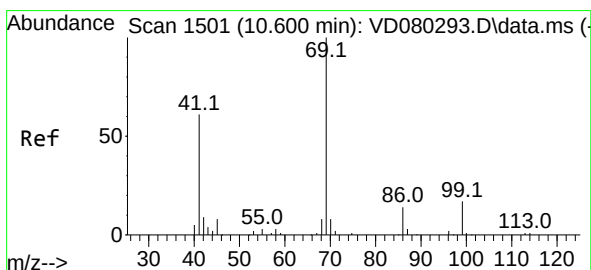
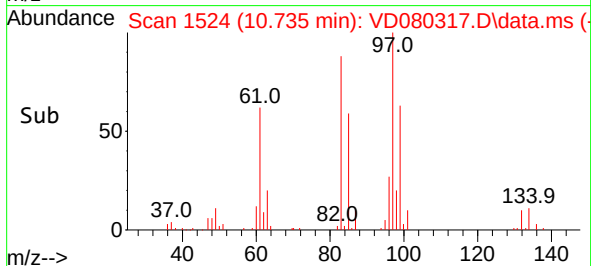
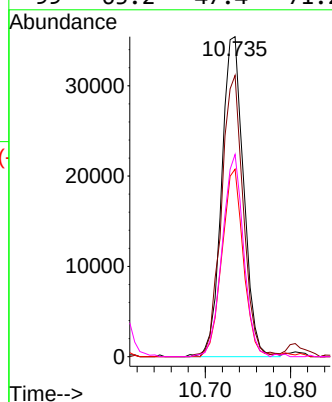
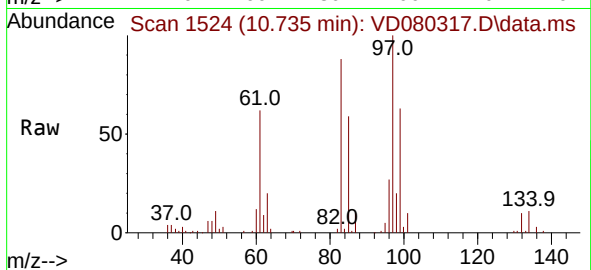
Ion Ratio Lower Upper

97 100

83 87.9 69.2 103.8

85 58.6 43.0 64.6

99 63.2 47.4 71.2



#56

Ethyl methacrylate

Concen: 58.259 ug/l

RT: 10.600 min Scan# 1501

Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

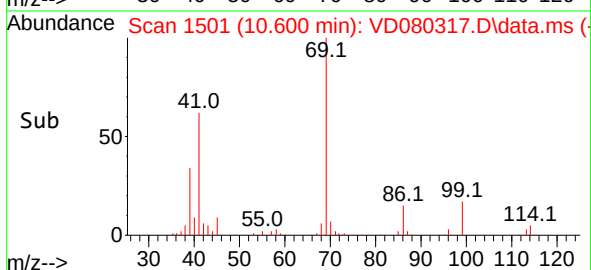
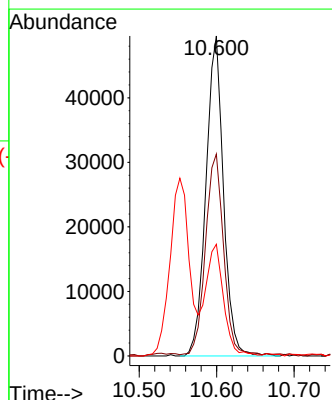
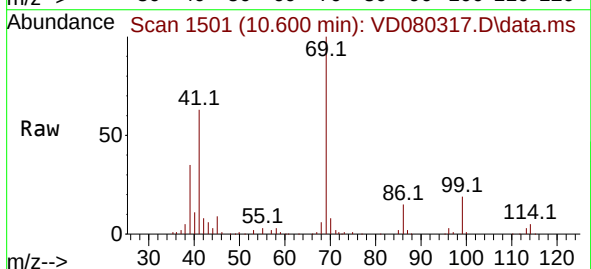
Tgt Ion: 69 Resp: 78031

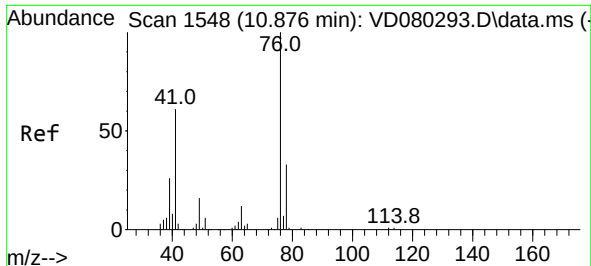
Ion Ratio Lower Upper

69 100

41 64.5 50.4 75.6

39 34.8 26.0 39.0





#57

1,3-Dichloropropane

Concen: 57.994 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. -0.005 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

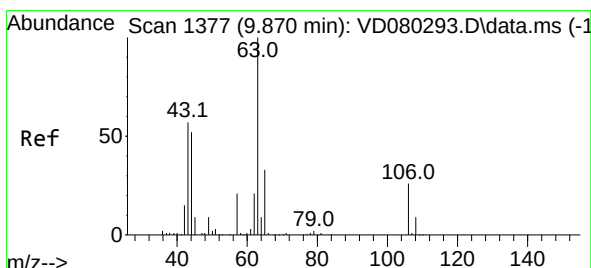
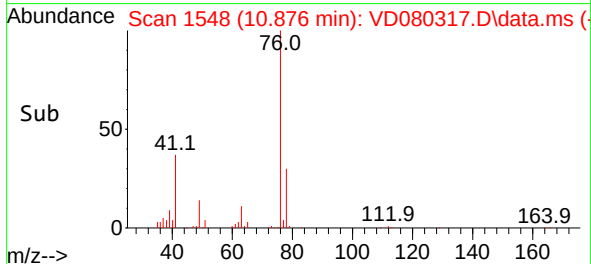
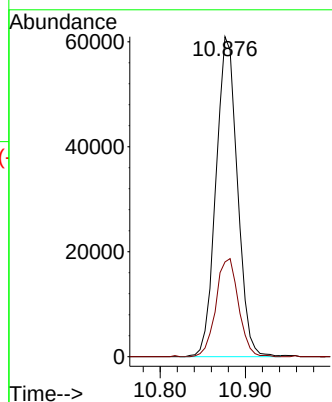
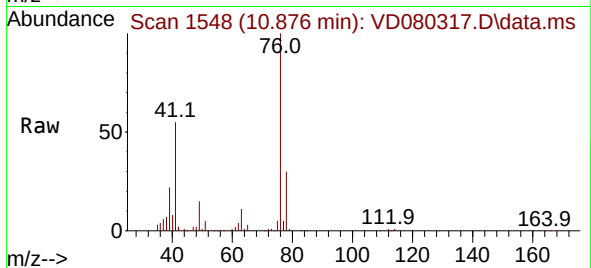
VSTDCCC050

Tgt Ion: 76 Resp: 106537

Ion Ratio Lower Upper

76 100

78 32.2 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 258.709 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VD080317.D

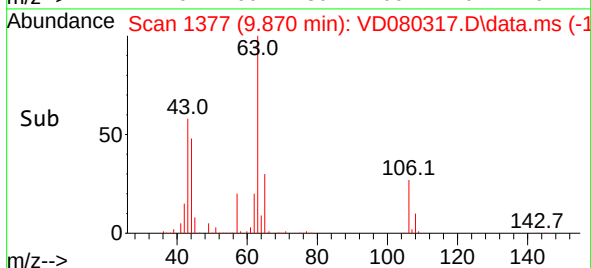
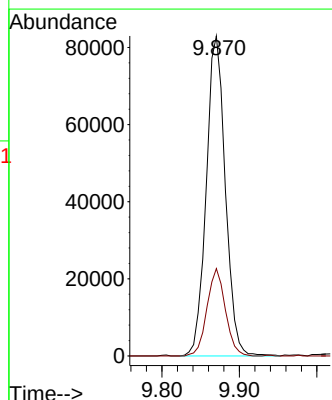
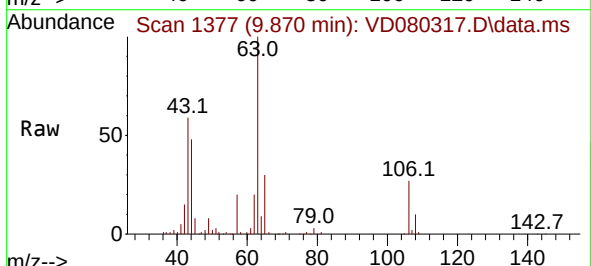
Acq: 14 May 2025 12:25

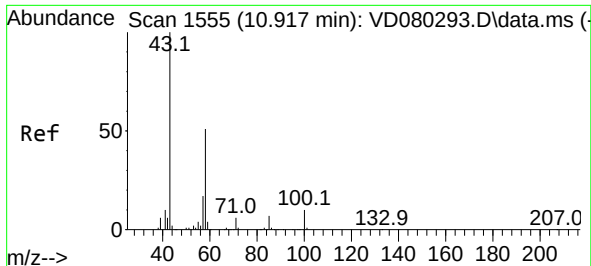
Tgt Ion: 63 Resp: 141807

Ion Ratio Lower Upper

63 100

106 26.3 21.8 32.6

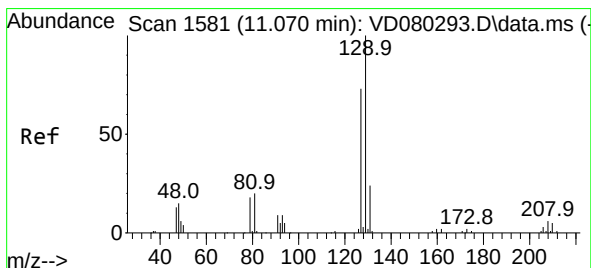
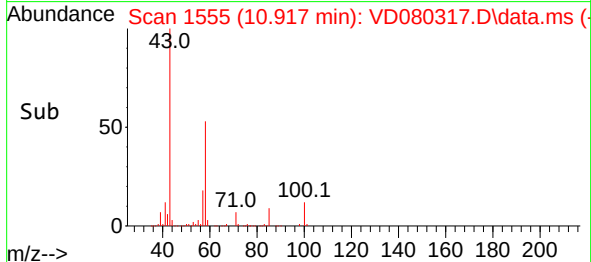
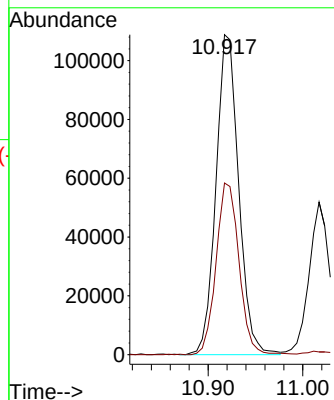
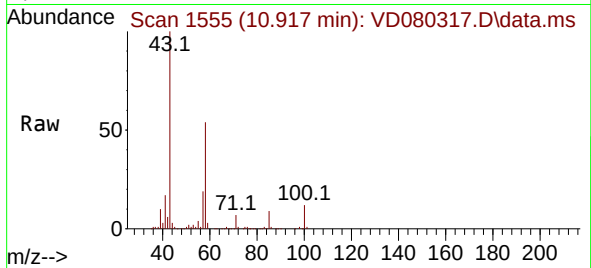




#59
2-Hexanone
Concen: 282.846 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

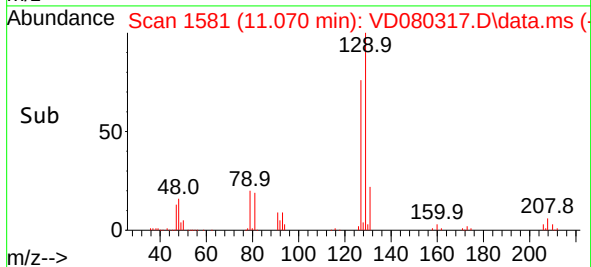
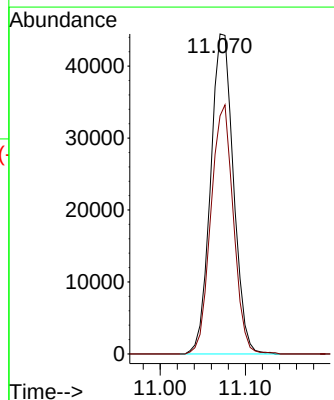
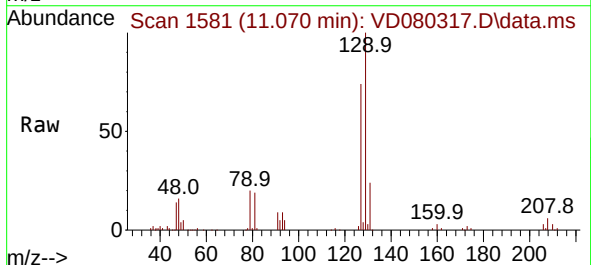
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

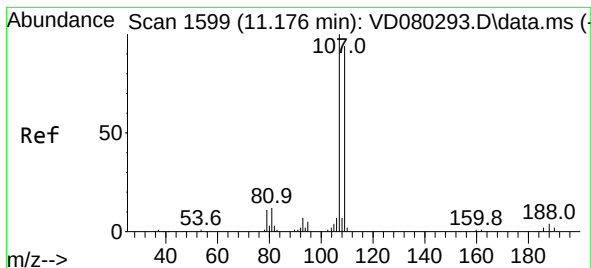
Tgt Ion: 43 Resp: 181558
Ion Ratio Lower Upper
43 100
58 54.2 27.8 83.4



#60
Dibromochloromethane
Concen: 59.995 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion: 129 Resp: 83105
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.2

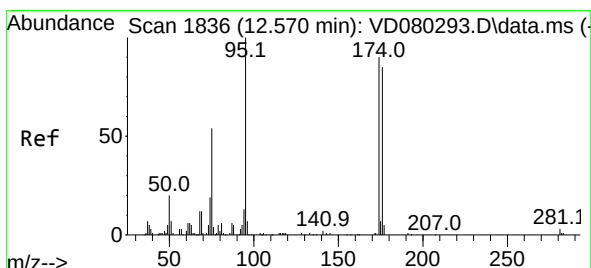
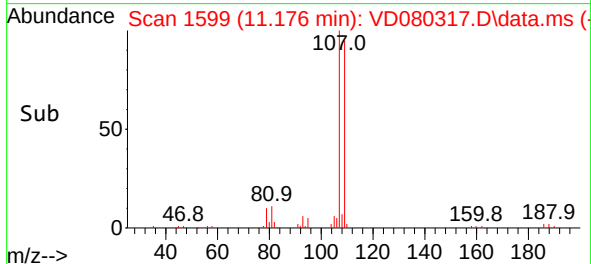
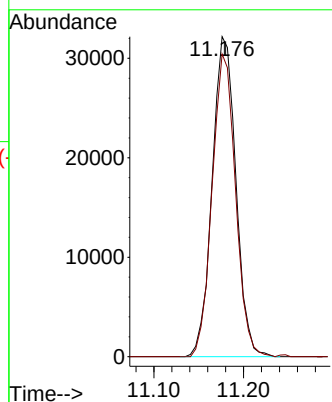
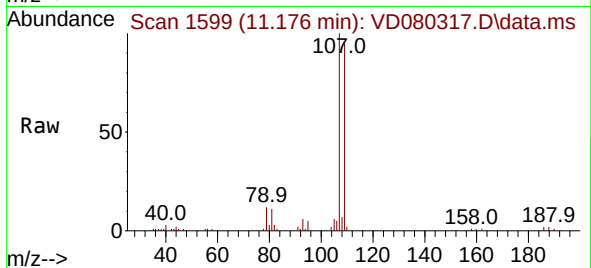




#61
1,2-Dibromoethane
Concen: 57.549 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

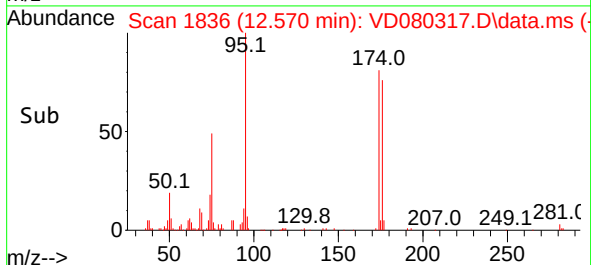
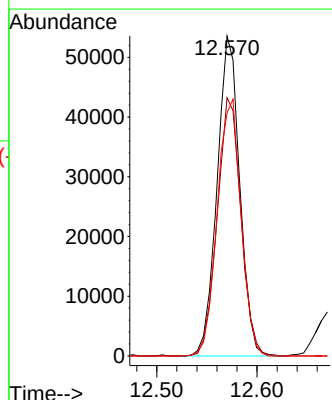
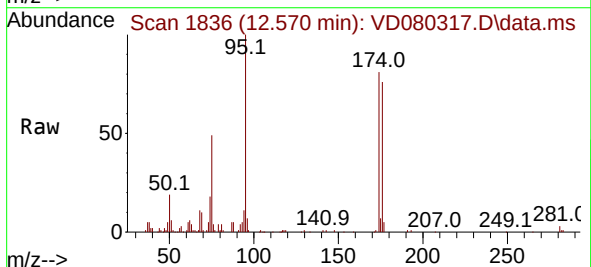
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

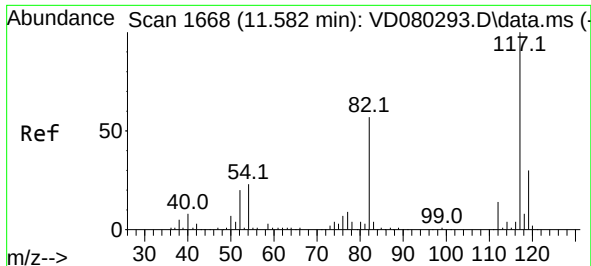
Tgt Ion:107 Resp: 58985
Ion Ratio Lower Upper
107 100
109 93.3 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 51.843 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion: 95 Resp: 83786
Ion Ratio Lower Upper
95 100
174 84.5 0.0 173.4
176 84.4 0.0 166.6

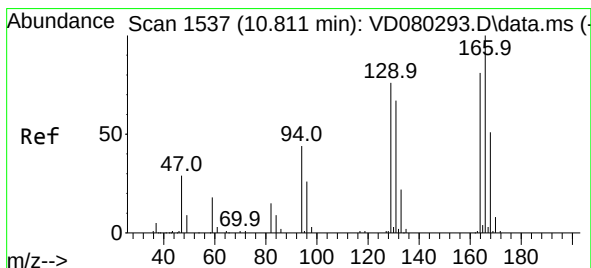
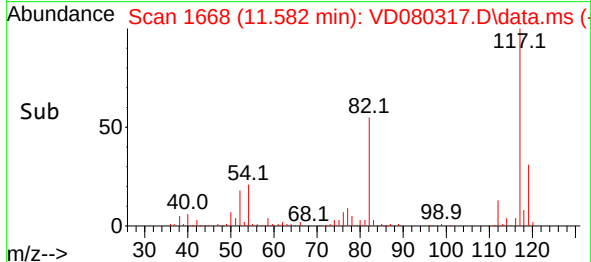
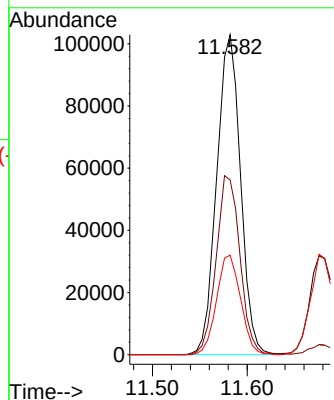
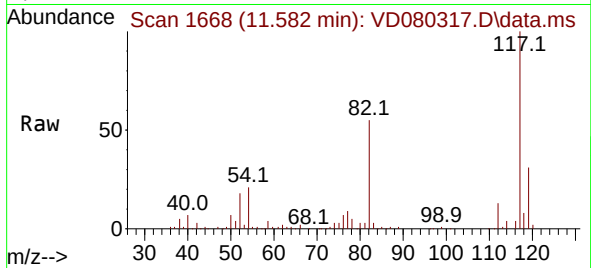




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

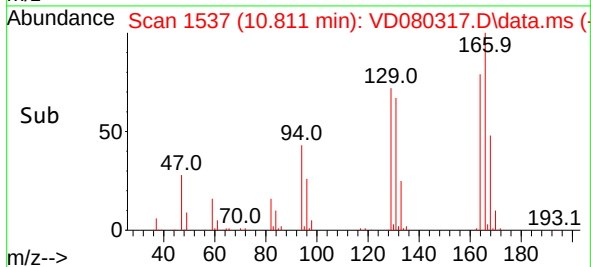
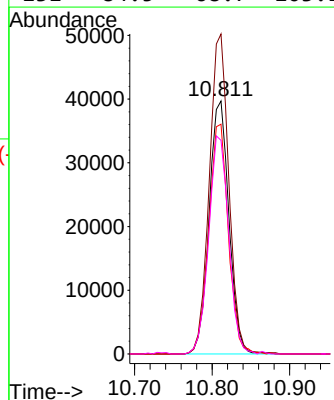
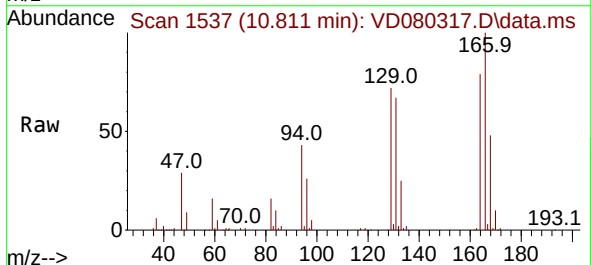
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

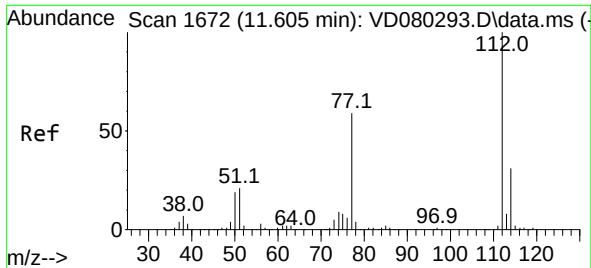
Tgt Ion:117 Resp: 180076
Ion Ratio Lower Upper
117 100
82 54.6 45.8 68.6
119 31.1 26.2 39.2



#64
Tetrachloroethene
Concen: 57.917 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion:164 Resp: 70626
Ion Ratio Lower Upper
164 100
166 126.5 97.5 146.3
129 90.9 70.6 106.0
131 84.5 68.7 103.1

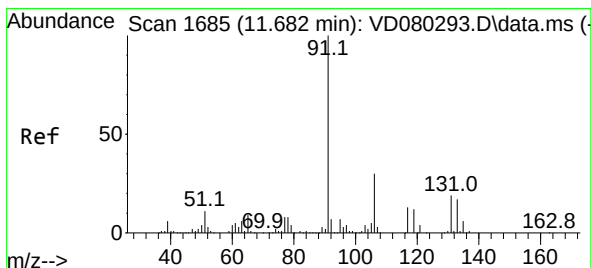
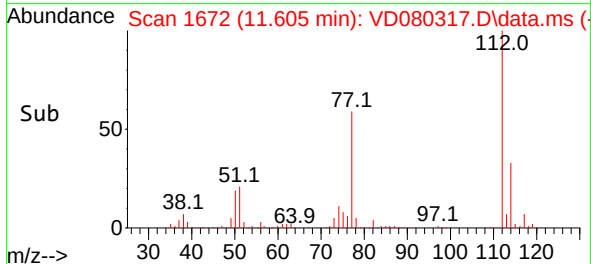
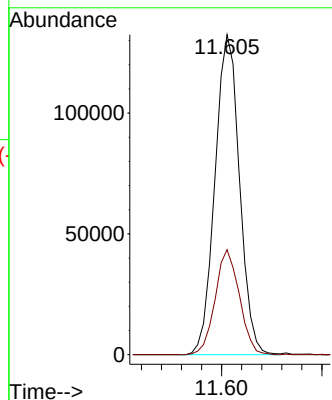
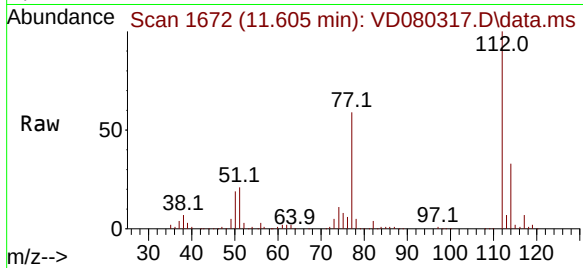




#65
Chlorobenzene
Concen: 55.357 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

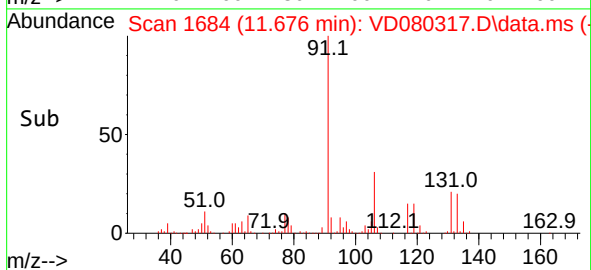
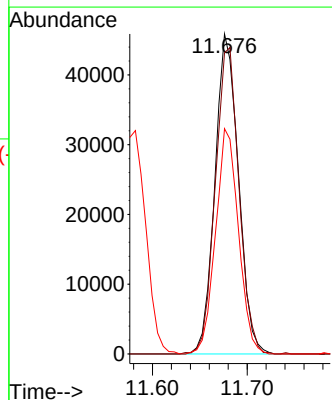
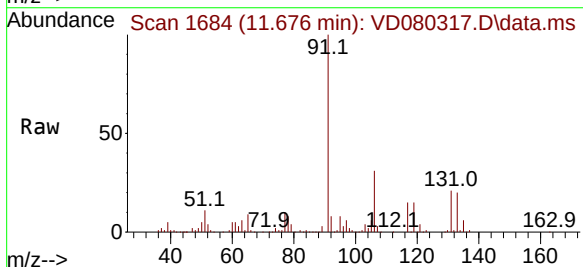
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

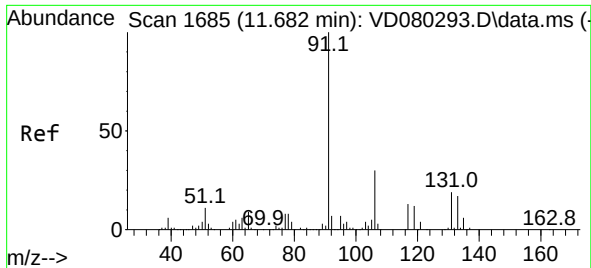
Tgt Ion:112 Resp: 225083
Ion Ratio Lower Upper
112 100
114 32.8 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 56.704 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion:131 Resp: 79213
Ion Ratio Lower Upper
131 100
133 96.5 48.8 146.4
119 68.8 34.8 104.3

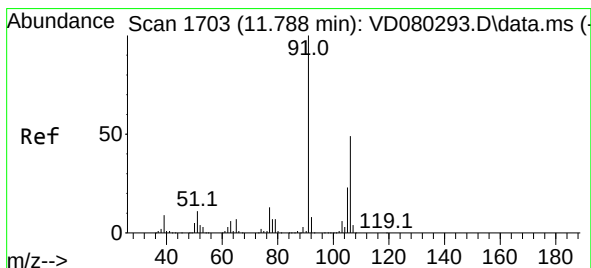
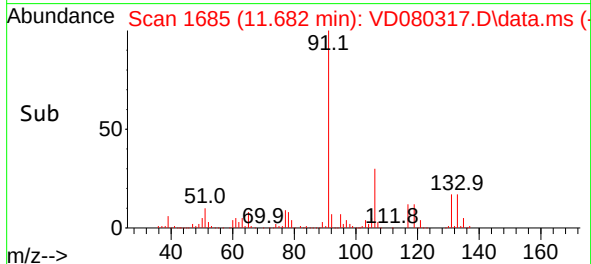
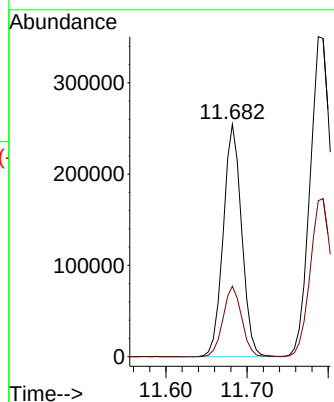
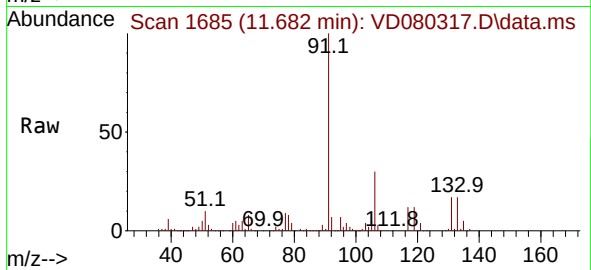




#67
Ethyl Benzene
Concen: 59.028 ug/l
RT: 11.682 min Scan# 1104
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

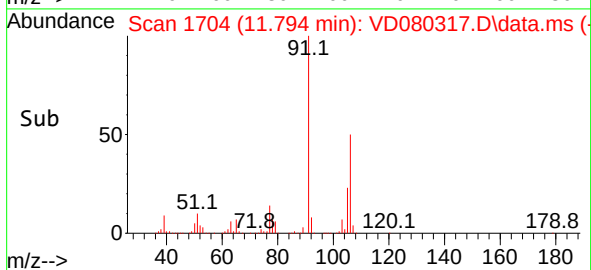
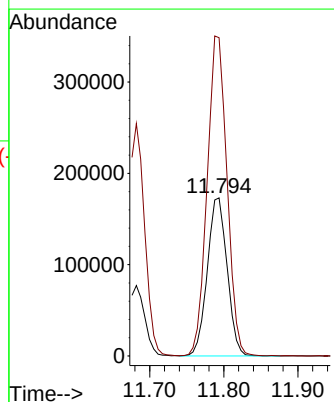
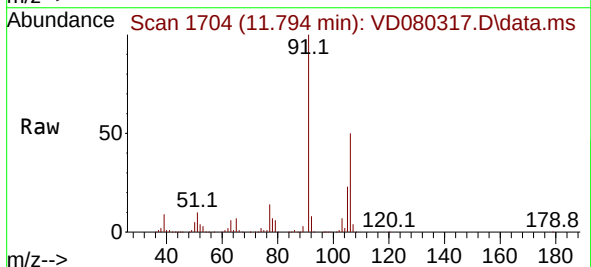
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

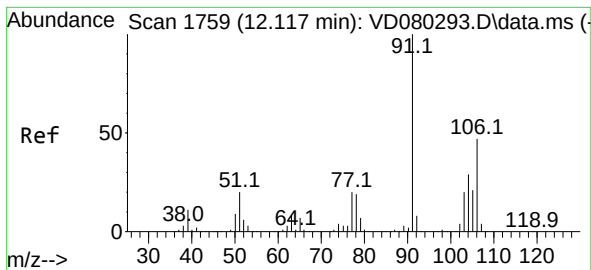
Tgt Ion: 91 Resp: 401088
Ion Ratio Lower Upper
91 100
106 30.3 23.6 35.4



#68
m/p-Xylenes
Concen: 121.965 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion: 106 Resp: 321783
Ion Ratio Lower Upper
106 100
91 202.2 162.6 244.0





#69

o-Xylene

Concen: 59.279 ug/l

RT: 12.117 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

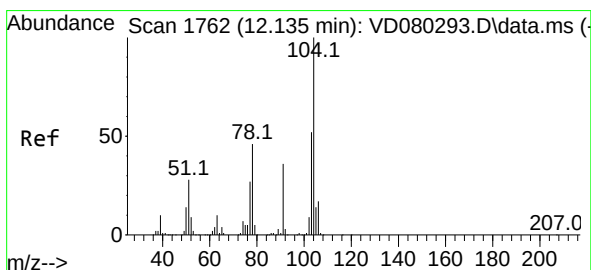
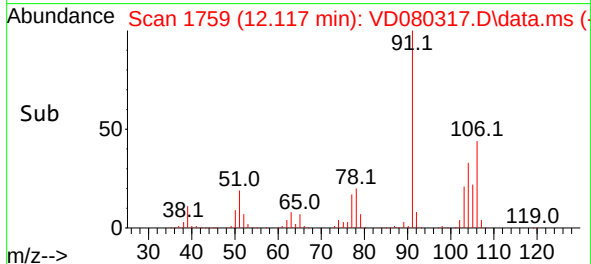
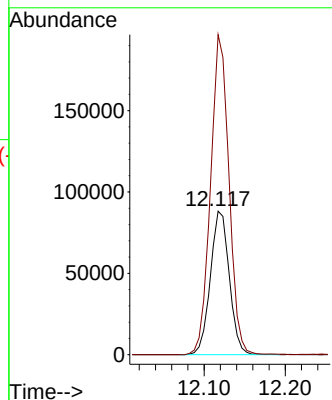
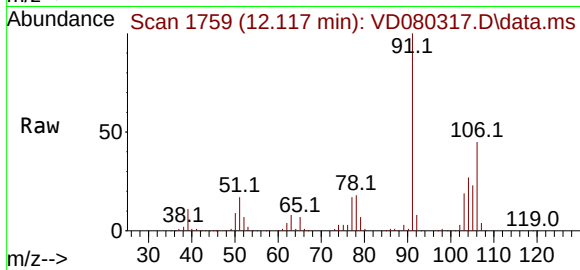
VSTDCCC050

Tgt Ion:106 Resp: 142913

Ion Ratio Lower Upper

106 100

91 216.9 110.5 331.5



#70

Styrene

Concen: 60.144 ug/l

RT: 12.135 min Scan# 1762

Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

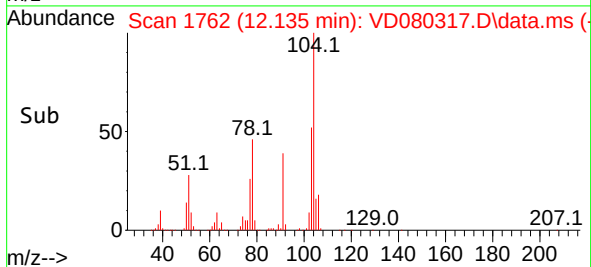
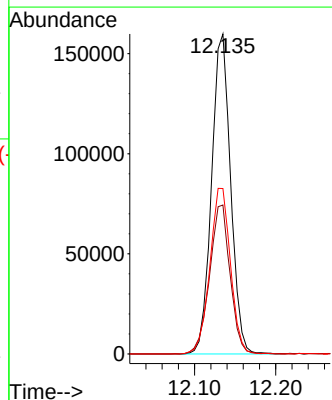
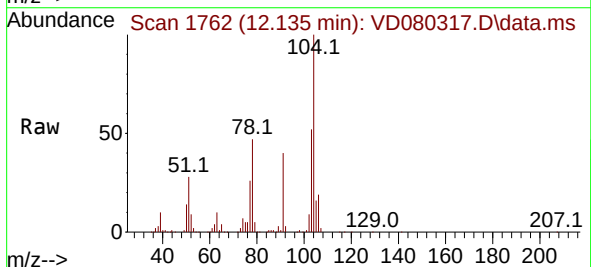
Tgt Ion:104 Resp: 260369

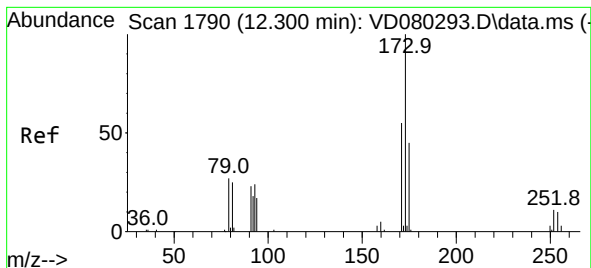
Ion Ratio Lower Upper

104 100

78 50.3 39.8 59.8

103 56.0 45.2 67.8





#71

Bromoform

Concen: 58.163 ug/l

RT: 12.300 min Scan# 1790

Delta R.T. 0.007 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

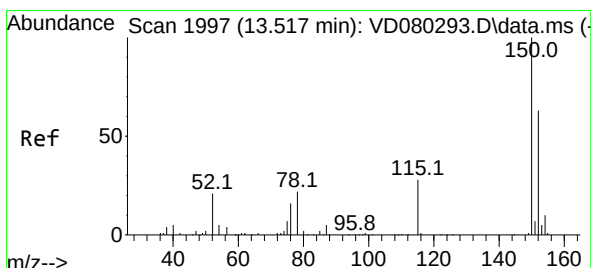
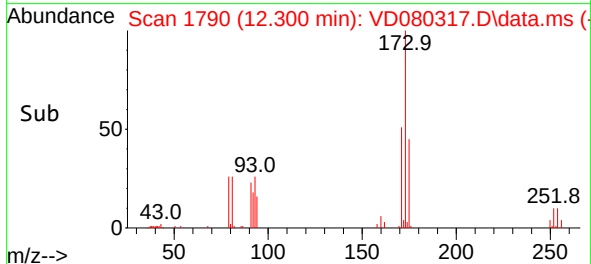
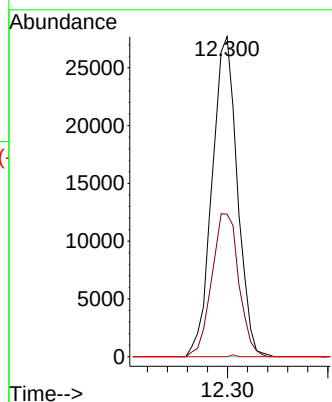
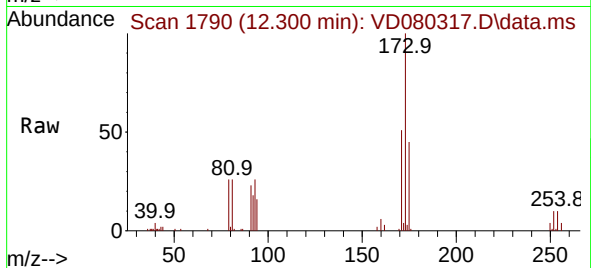
Tgt Ion:173 Resp: 48273

Ion Ratio Lower Upper

173 100

175 47.9 24.8 74.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.517 min Scan# 1997

Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

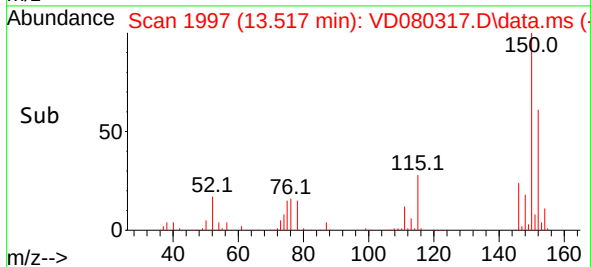
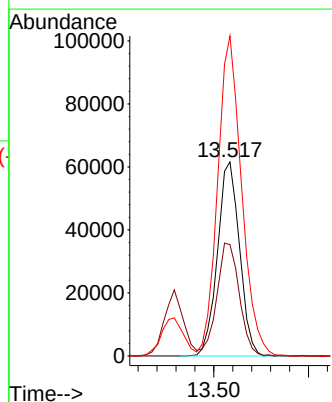
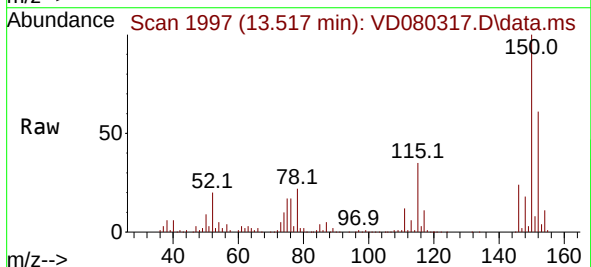
Tgt Ion:152 Resp: 99603

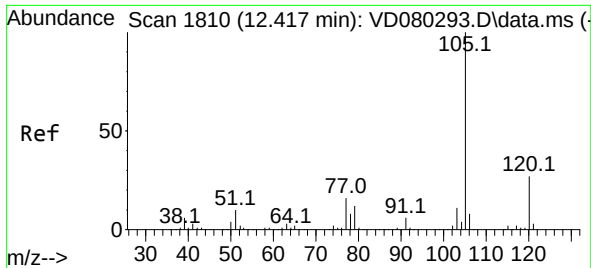
Ion Ratio Lower Upper

152 100

115 59.5 28.9 86.8

150 178.8 0.0 354.8

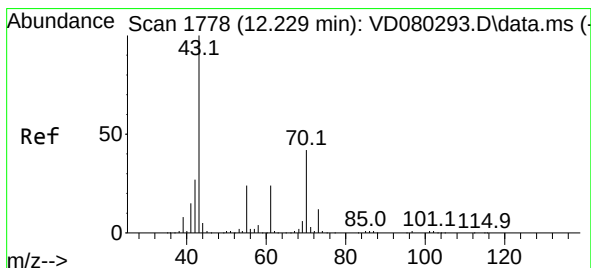
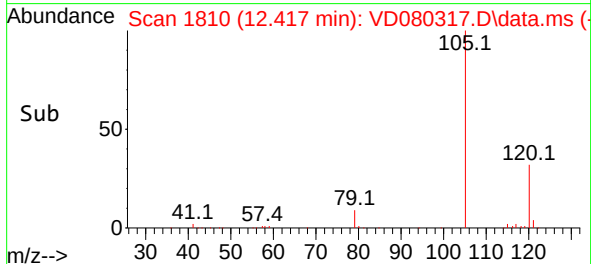
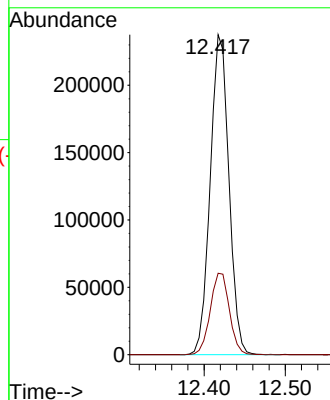
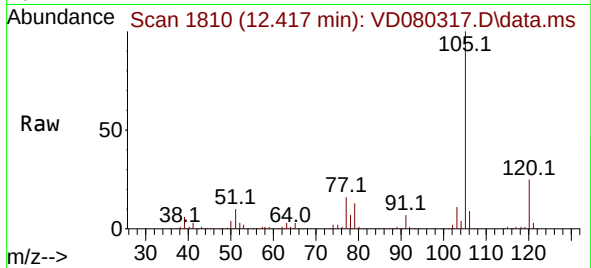




#73
Isopropylbenzene
Concen: 58.646 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

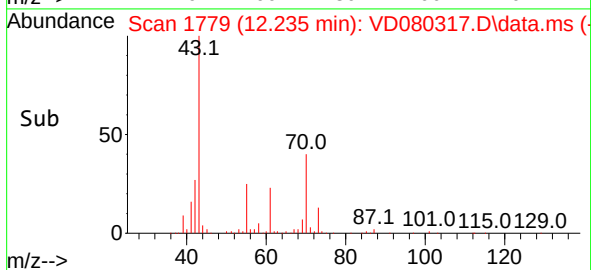
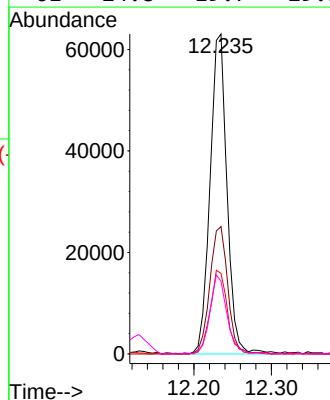
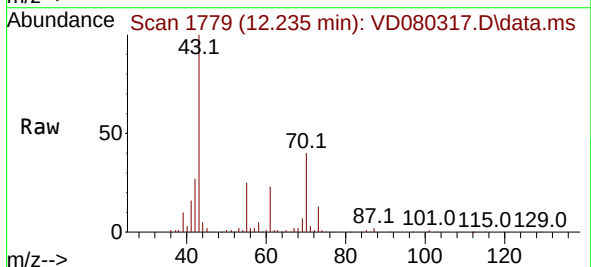
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

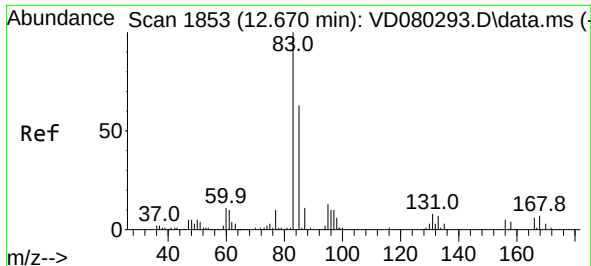
Tgt Ion:105 Resp: 378914
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.9



#74
N-ethyl acetate
Concen: 51.600 ug/l
RT: 12.235 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion: 43 Resp: 95686
Ion Ratio Lower Upper
43 100
70 42.0 36.3 54.5
55 26.3 20.3 30.5
61 24.8 19.7 29.5

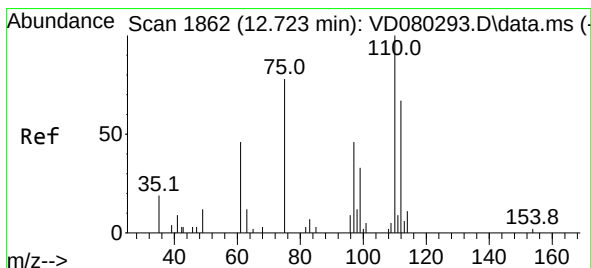
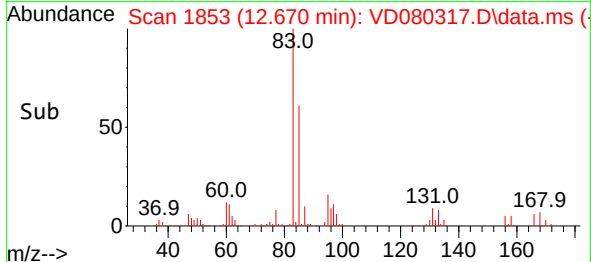
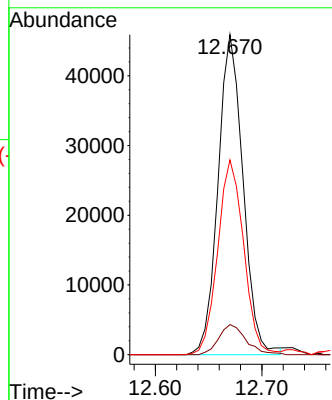
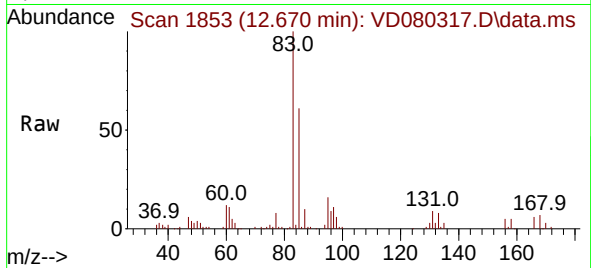




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.586 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.001 min
 Lab File: VD080317.D
 Acq: 14 May 2025 12:25

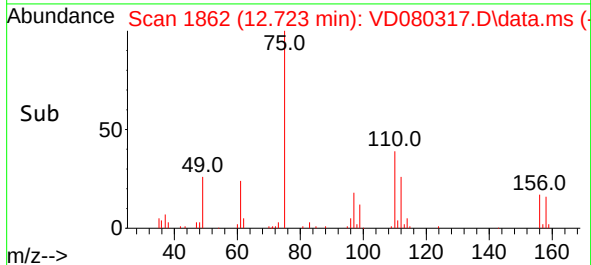
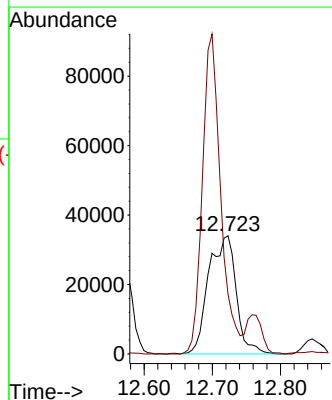
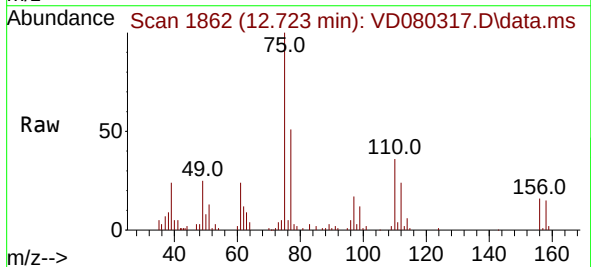
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

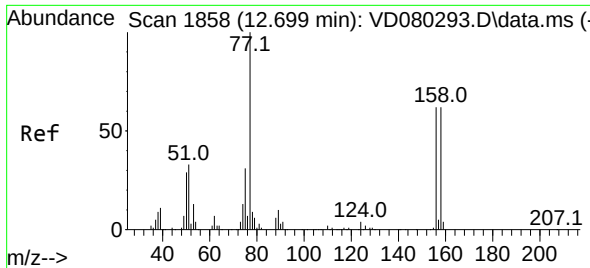
Tgt Ion: 83 Resp: 74716
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.1 15.3
 85 63.3 32.9 98.6



#76
 1,2,3-Trichloropropane
 Concen: 99.674 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.001 min
 Lab File: VD080317.D
 Acq: 14 May 2025 12:25

Tgt Ion: 75 Resp: 95817
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

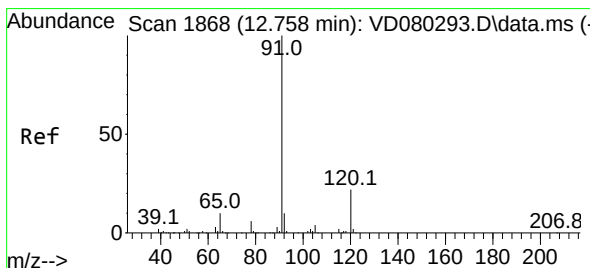
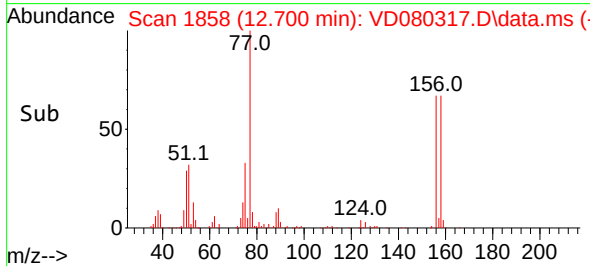
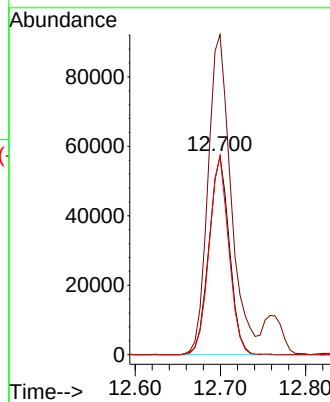
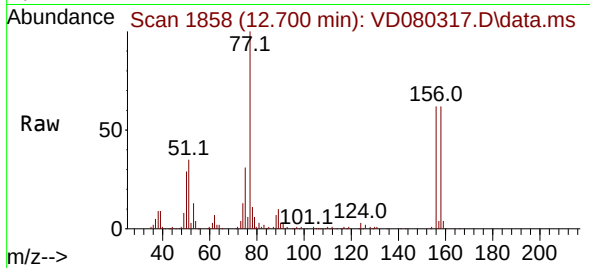




#77
Bromobenzene
Concen: 56.606 ug/l
RT: 12.700 min Scan# 1858
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

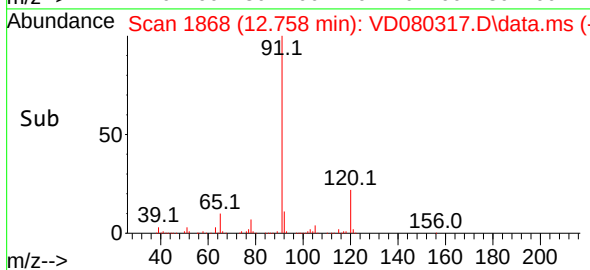
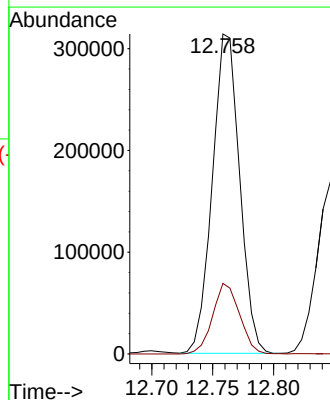
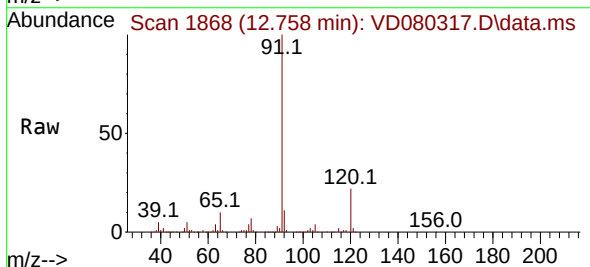
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

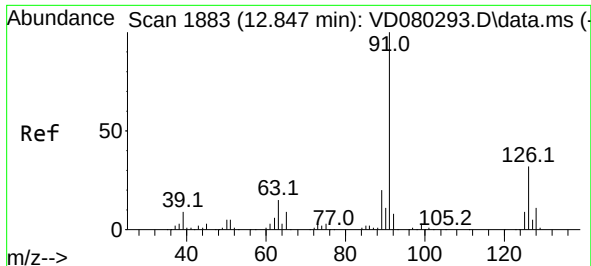
Tgt Ion:156 Resp: 94867
Ion Ratio Lower Upper
156 100
77 181.3 89.8 269.6
158 96.5 47.9 143.8



#78
n-propylbenzene
Concen: 60.467 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion: 91 Resp: 490275
Ion Ratio Lower Upper
91 100
120 21.8 11.2 33.5

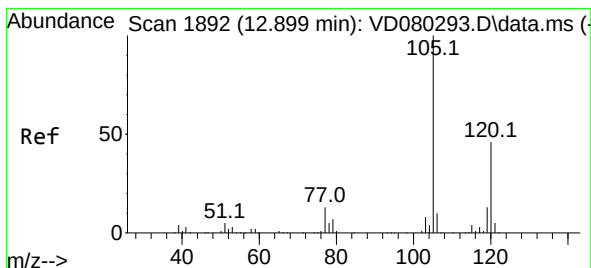
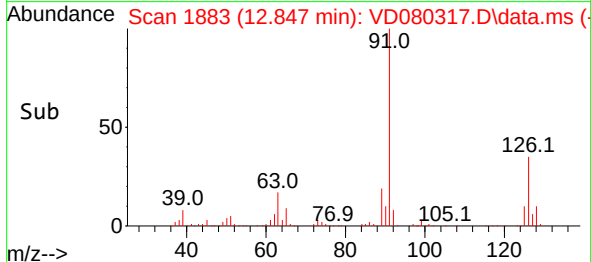
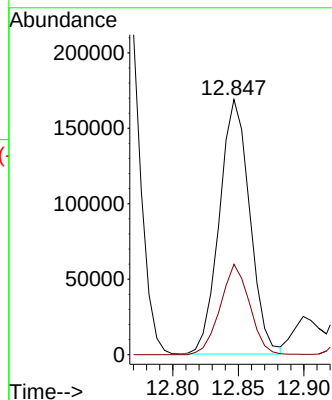
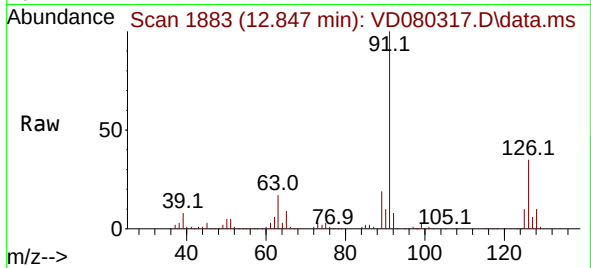




#79
2-Chlorotoluene
Concen: 57.750 ug/l
RT: 12.847 min Scan# 1883
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

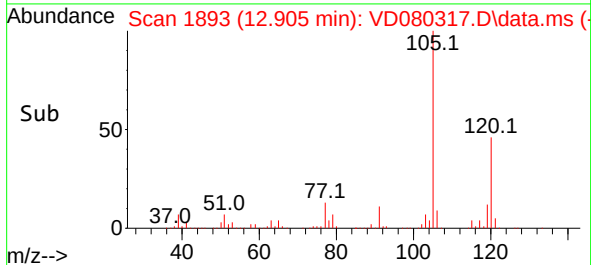
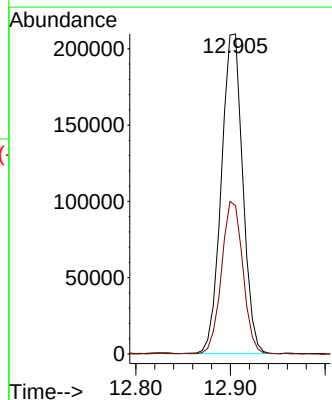
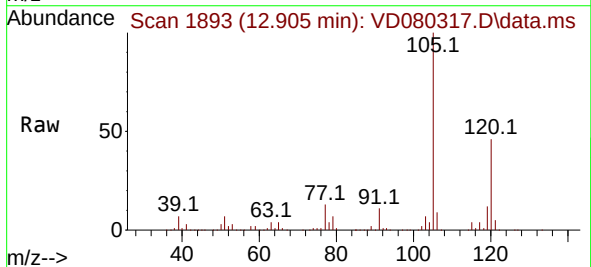
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ClientSampleId :
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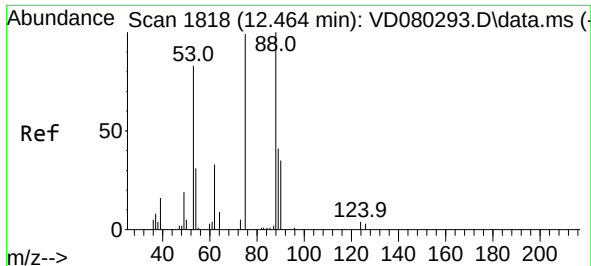
Tgt Ion: 91 Resp: 272365
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 59.869 ug/l
RT: 12.905 min Scan# 1893
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion: 105 Resp: 329924
Ion Ratio Lower Upper
105 100
120 47.4 25.0 75.0

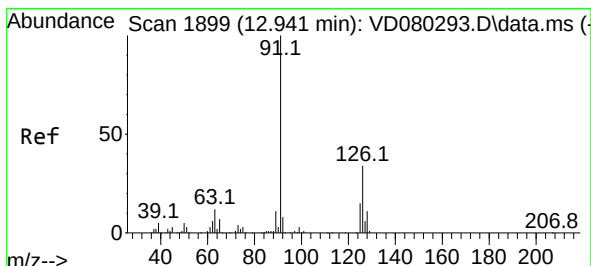
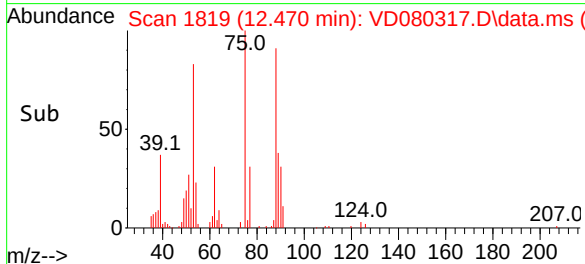
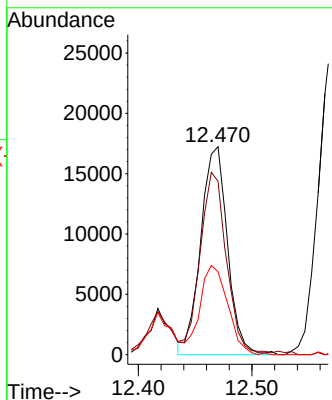
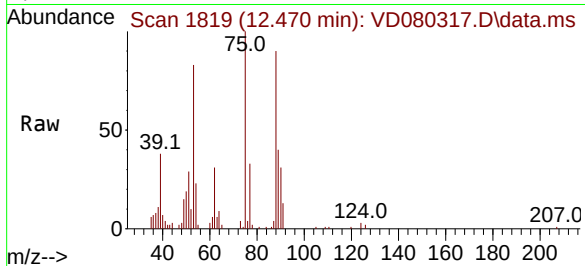




#81
trans-1,4-Dichloro-2-butene
Concen: 55.808 ug/l
RT: 12.470 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

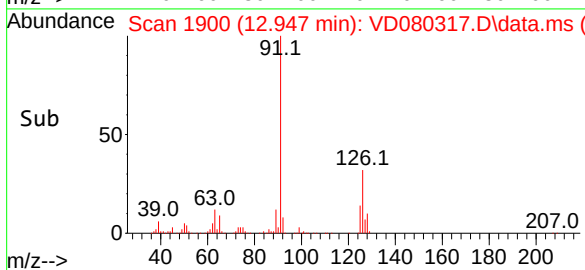
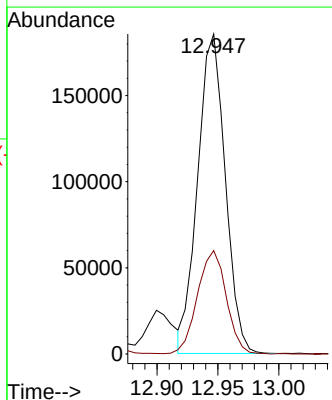
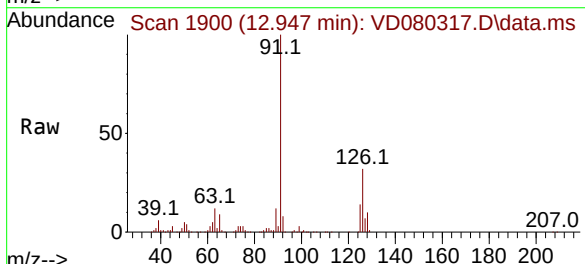
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

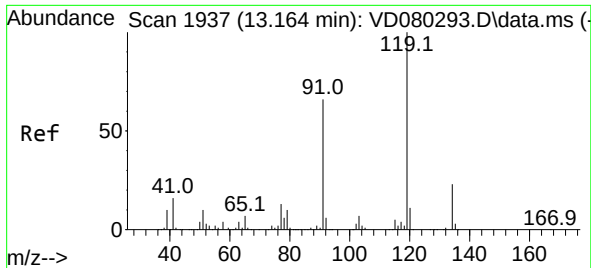
Tgt Ion: 75 Resp: 28263
Ion Ratio Lower Upper
75 100
53 85.3 68.7 103.1
89 44.3 36.1 54.1



#82
4-Chlorotoluene
Concen: 57.292 ug/l
RT: 12.947 min Scan# 1900
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion: 91 Resp: 291672
Ion Ratio Lower Upper
91 100
126 33.9 16.8 50.3

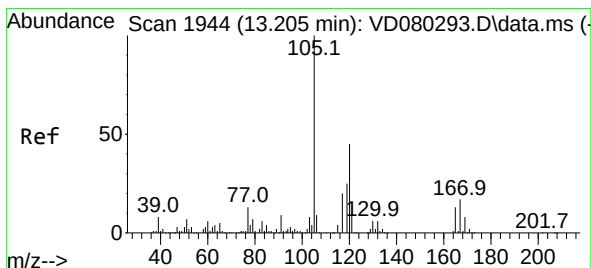
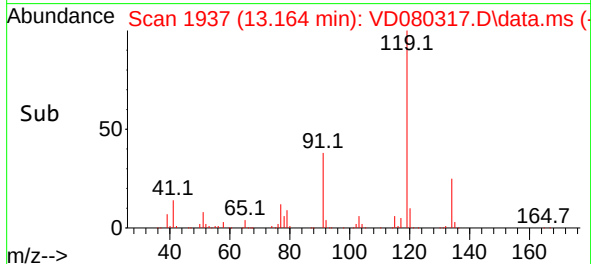
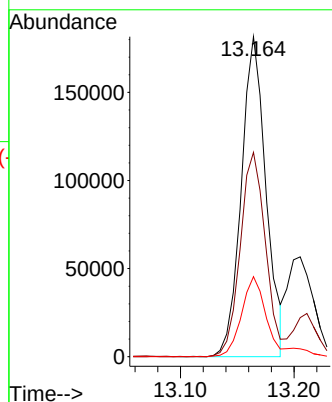
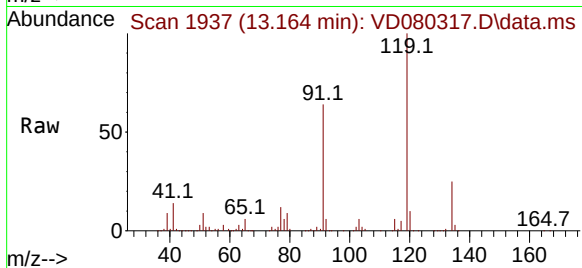




#83
tert-Butylbenzene
Concen: 59.774 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

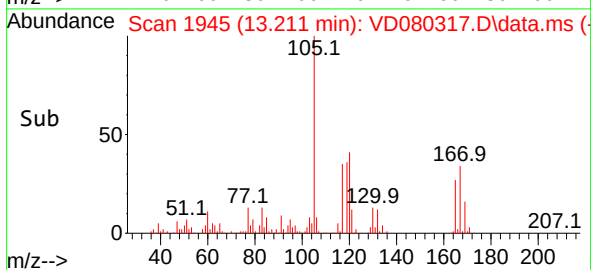
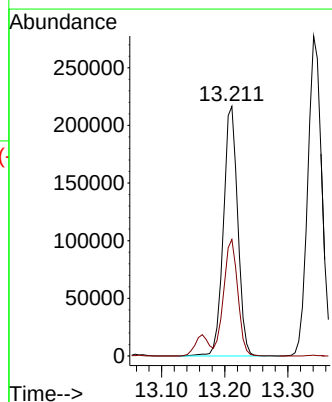
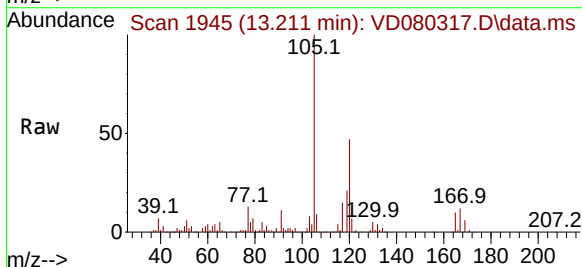
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

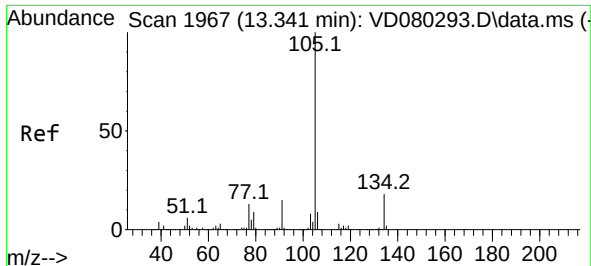
Tgt Ion:119 Resp: 274878
Ion Ratio Lower Upper
119 100
91 66.1 33.3 99.9
134 26.8 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 60.503 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion:105 Resp: 341142
Ion Ratio Lower Upper
105 100
120 46.0 22.8 68.4

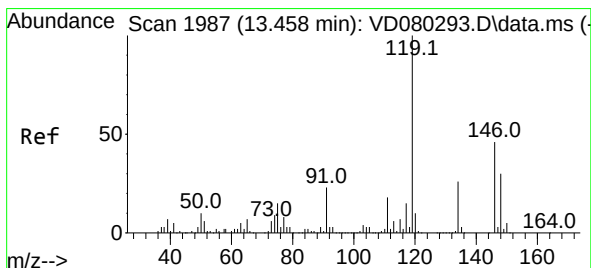
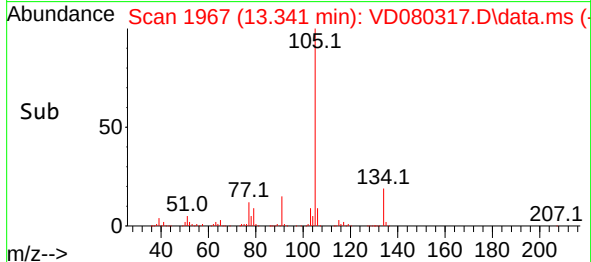
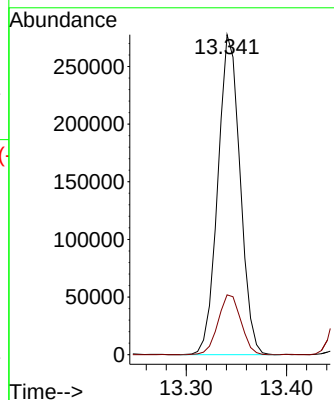
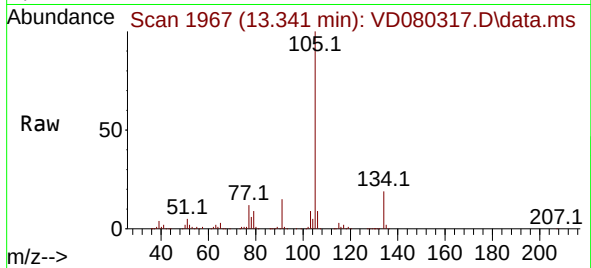




#85
sec-Butylbenzene
Concen: 60.255 ug/l
RT: 13.341 min Scan# 1967
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

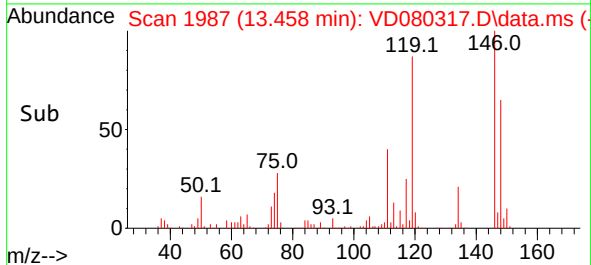
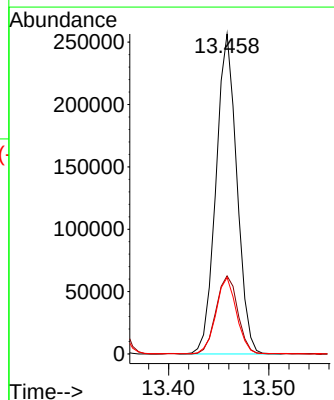
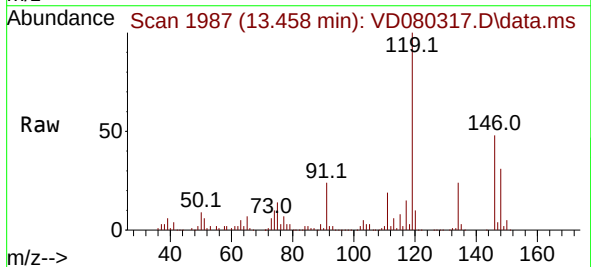
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

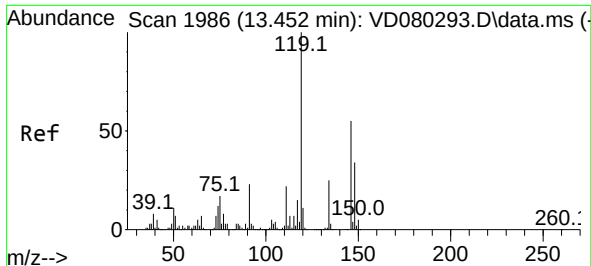
Tgt Ion:105 Resp: 427296
Ion Ratio Lower Upper
105 100
134 19.2 9.8 29.3



#86
p-Isopropyltoluene
Concen: 62.104 ug/l
RT: 13.458 min Scan# 1987
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion:119 Resp: 370143
Ion Ratio Lower Upper
119 100
134 25.4 13.1 39.1
91 23.4 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 56.630 ug/l

RT: 13.458 min Scan# 1986

Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

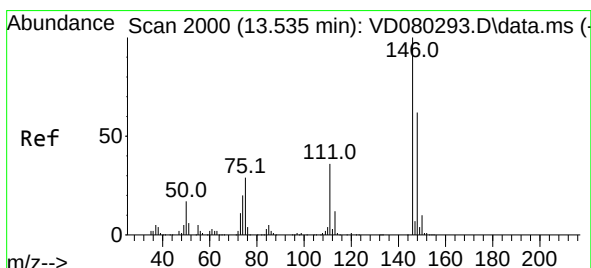
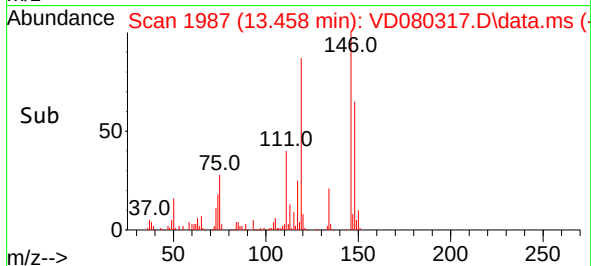
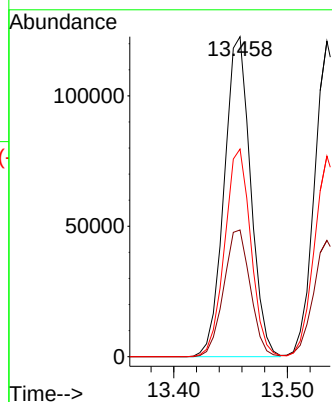
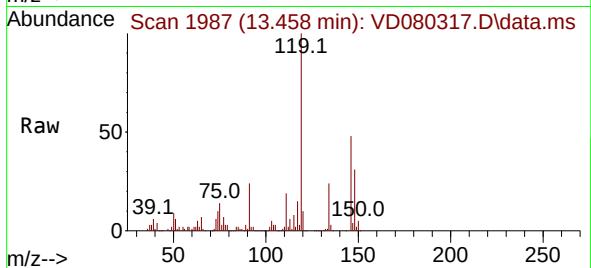
Tgt Ion:146 Resp: 197930

Ion Ratio Lower Upper

146 100

111 39.9 20.0 59.9

148 64.3 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 54.780 ug/l

RT: 13.535 min Scan# 2000

Delta R.T. 0.001 min

Lab File: VD080317.D

Acq: 14 May 2025 12:25

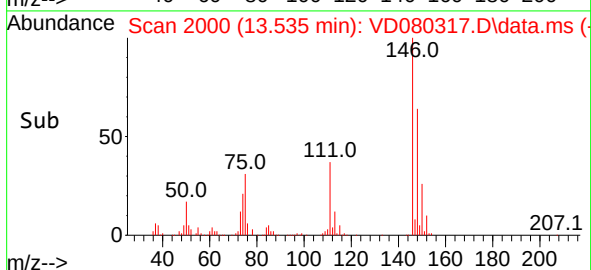
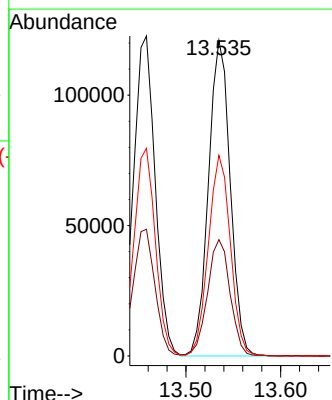
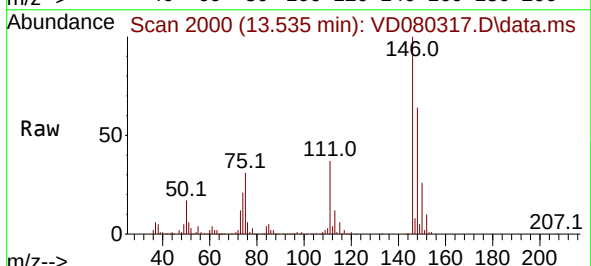
Tgt Ion:146 Resp: 193018

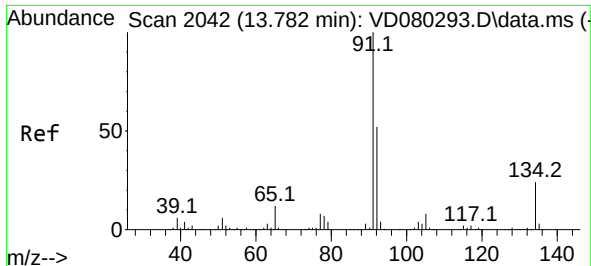
Ion Ratio Lower Upper

146 100

111 38.3 19.3 57.8

148 64.2 32.9 98.7

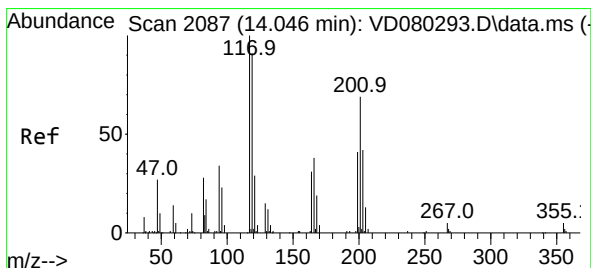
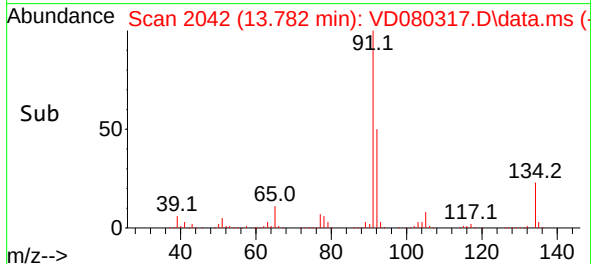
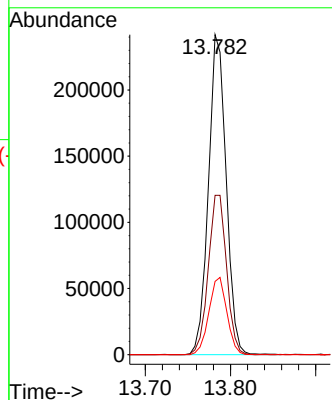
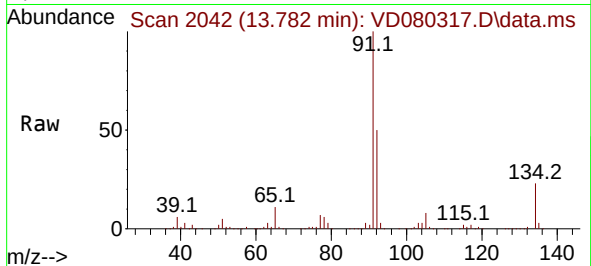




#89
n-Butylbenzene
Concen: 60.346 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

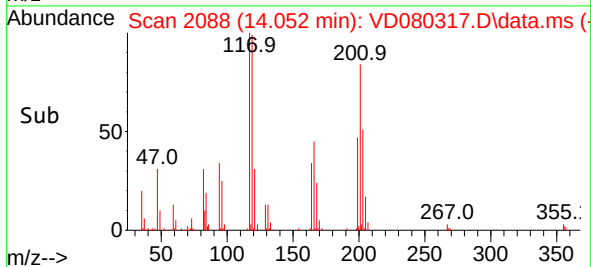
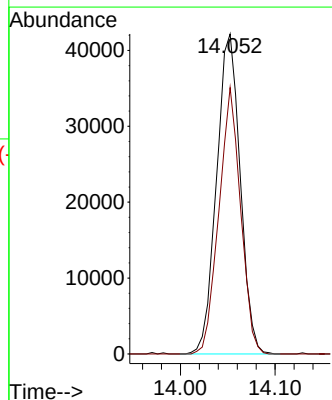
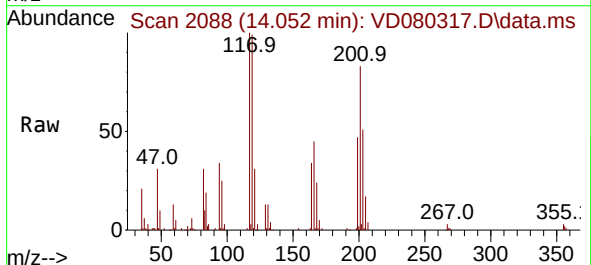
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

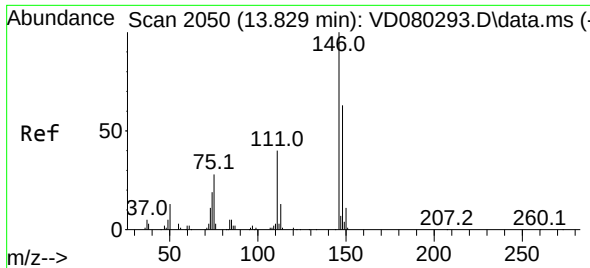
Tgt Ion: 91 Resp: 349141
Ion Ratio Lower Upper
91 100
92 51.4 26.3 78.9
134 24.5 12.3 36.8



#90
Hexachloroethane
Concen: 55.413 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion: 117 Resp: 73074
Ion Ratio Lower Upper
117 100
201 76.4 37.5 112.5

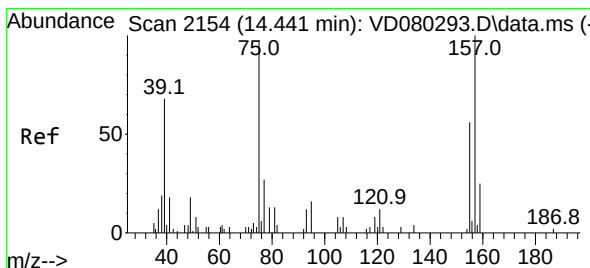
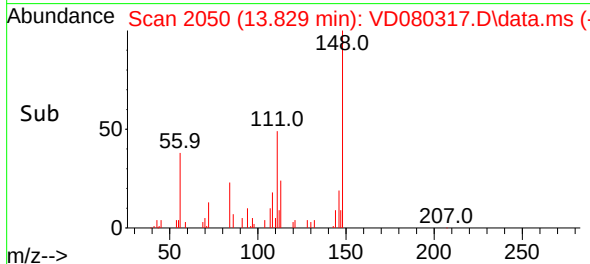
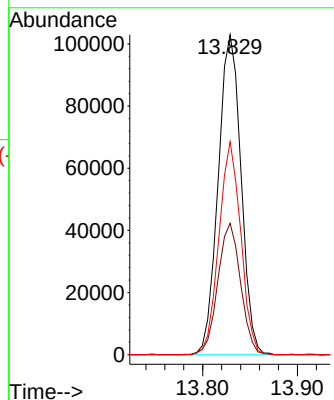
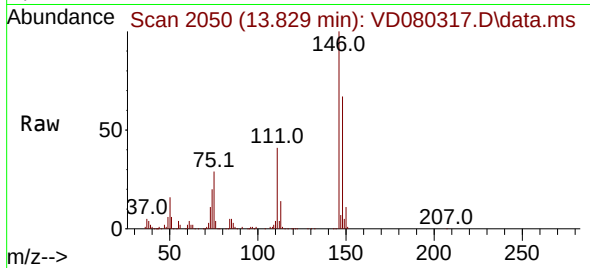




#91
 1,2-Dichlorobenzene
 Concen: 56.816 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.001 min
 Lab File: VD080317.D
 Acq: 14 May 2025 12:25

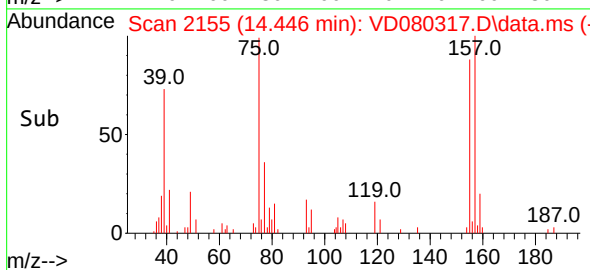
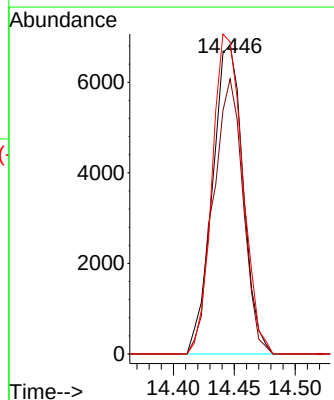
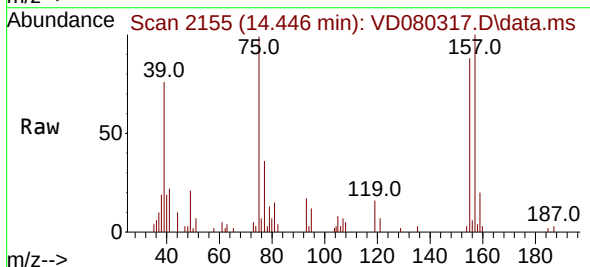
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

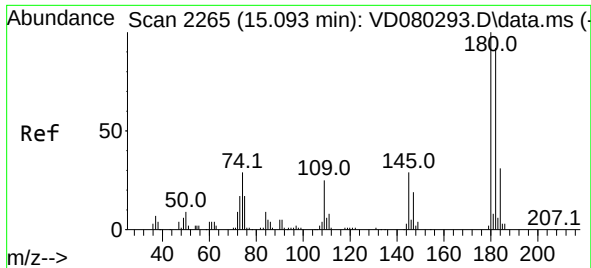
Tgt Ion:146 Resp: 172501
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.6 61.8
 148 63.7 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.670 ug/l
 RT: 14.446 min Scan# 2155
 Delta R.T. 0.006 min
 Lab File: VD080317.D
 Acq: 14 May 2025 12:25

Tgt Ion: 75 Resp: 11927
 Ion Ratio Lower Upper
 75 100
 155 86.7 40.6 122.0
 157 102.7 53.3 159.9

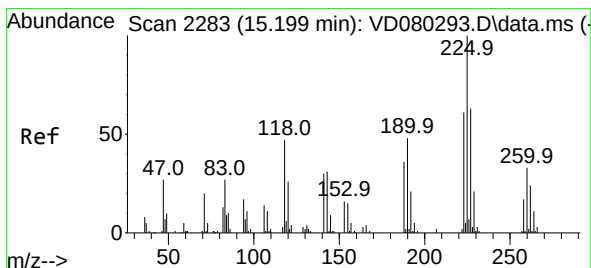
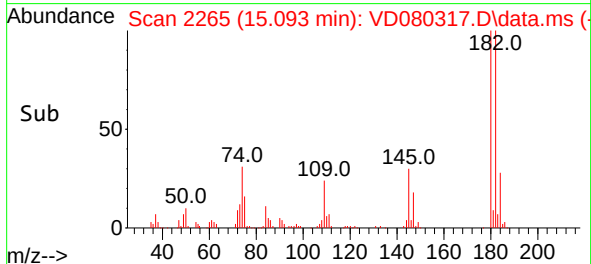
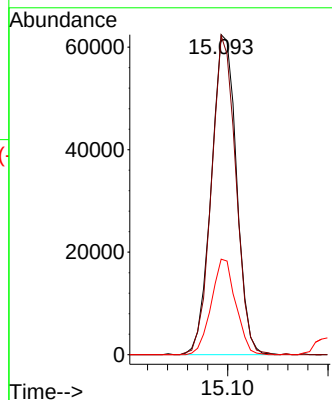
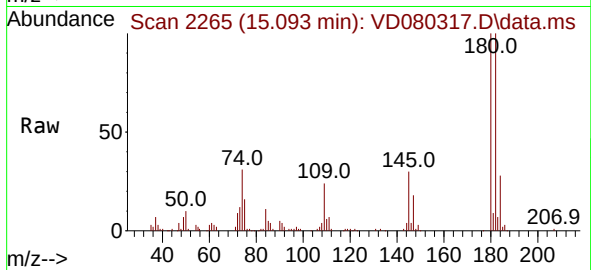




#93
1,2,4-Trichlorobenzene
Concen: 56.881 ug/l
RT: 15.093 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

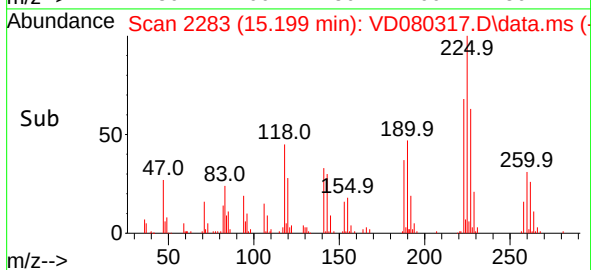
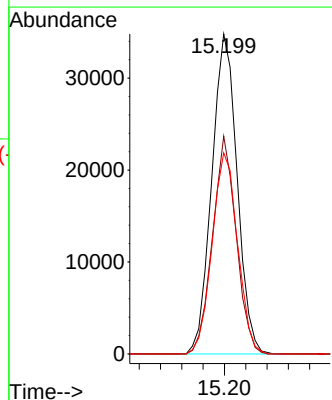
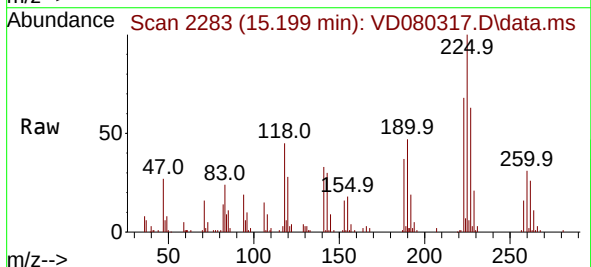
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

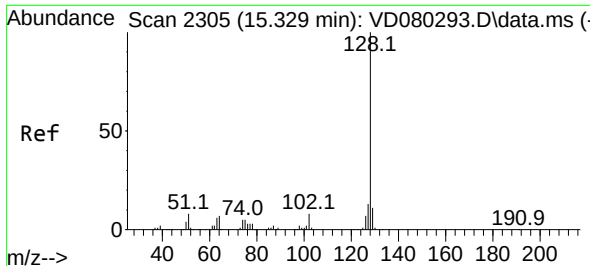
Tgt Ion:180 Resp: 108609
Ion Ratio Lower Upper
180 100
182 96.3 47.4 142.2
145 29.0 14.7 44.1



#94
Hexachlorobutadiene
Concen: 57.730 ug/l
RT: 15.199 min Scan# 2283
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion:225 Resp: 57347
Ion Ratio Lower Upper
225 100
223 63.4 31.5 94.5
227 63.1 30.9 92.5

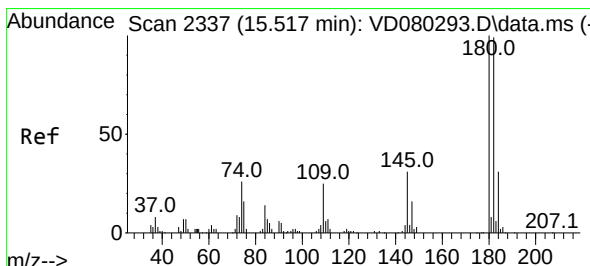
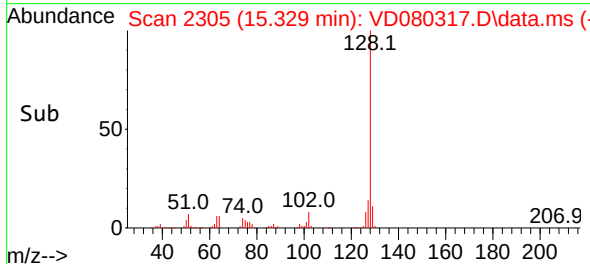
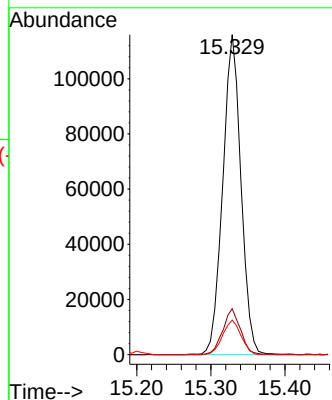
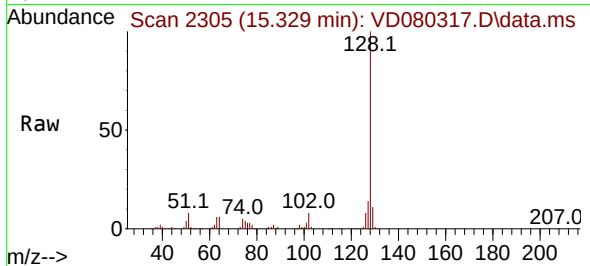




#95
Naphthalene
Concen: 55.182 ug/l
RT: 15.329 min Scan# 2305
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 197842
Ion Ratio Lower Upper
128 100
127 14.4 11.8 17.8
129 10.8 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 55.967 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. 0.001 min
Lab File: VD080317.D
Acq: 14 May 2025 12:25

Tgt Ion:180 Resp: 95576
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.6
145 32.7 15.7 47.0

