

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051325\
 Data File : VD080315.D
 Acq On : 13 May 2025 21:36
 Operator : RP/MD
 Sample : VSTDCCC050EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 14 01:37:44 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	89063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	147611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	143607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.511	152	97877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	57233	49.693	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.380%
35) Dibromofluoromethane	7.805	113	56536	57.145	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.300%
50) Toluene-d8	10.270	98	206151	52.885	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.760%
62) 4-Bromofluorobenzene	12.570	95	74346	59.421	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	118.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	40479	51.941	ug/l	98
3) Chloromethane	2.153	50	80444	52.855	ug/l	95
4) Vinyl Chloride	2.276	62	113801	49.150	ug/l	100
5) Bromomethane	2.682	94	80742	48.446	ug/l	98
6) Chloroethane	2.829	64	85779	52.398	ug/l	98
7) Trichlorofluoromethane	3.164	101	90762	51.123	ug/l	96
8) Diethyl Ether	3.594	74	29393	53.634	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.958	101	55622	50.849	ug/l	98
10) Methyl Iodide	4.164	142	60948	54.658	ug/l	98
11) Tert butyl alcohol	5.064	59	17683	253.017	ug/l #	84
12) 1,1-Dichloroethene	3.935	96	52018	48.235	ug/l	97
13) Acrolein	3.800	56	14826	120.568	ug/l	96
14) Allyl chloride	4.558	41	75869	44.733	ug/l	95
15) Acrylonitrile	5.253	53	64487	244.758	ug/l	96
16) Acetone	4.023	43	48986	278.299	ug/l	95
17) Carbon Disulfide	4.264	76	170472	45.522	ug/l	100
18) Methyl Acetate	4.570	43	44523	59.742	ug/l	98
19) Methyl tert-butyl Ether	5.317	73	135202	57.068	ug/l	98
20) Methylene Chloride	4.794	84	69668	57.190	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	60868	51.955	ug/l	94
22) Diisopropyl ether	6.217	45	183524	52.529	ug/l	98
23) Vinyl Acetate	6.152	43	496211	243.856	ug/l	99
24) 1,1-Dichloroethane	6.111	63	113881	51.799	ug/l	99
25) 2-Butanone	7.082	43	71478	225.558	ug/l	96
26) 2,2-Dichloropropane	7.076	77	76816	43.910	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	68424	52.715	ug/l	96
28) Bromochloromethane	7.423	49	46908	45.825	ug/l #	100
29) Tetrahydrofuran	7.452	42	48346	233.985	ug/l	99
30) Chloroform	7.594	83	110569	50.433	ug/l	98
31) Cyclohexane	7.882	56	72228	38.601	ug/l	99
32) 1,1,1-Trichloroethane	7.788	97	90106	50.375	ug/l	97
36) 1,1-Dichloropropene	8.011	75	72117	48.774	ug/l	99
37) Ethyl Acetate	7.164	43	34336	44.409	ug/l	99
38) Carbon Tetrachloride	7.994	117	77140	50.025	ug/l	95
39) Methylcyclohexane	9.276	83	86915	50.657	ug/l	95
40) Benzene	8.252	78	224407	48.437	ug/l	100

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 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)
41) Methacrylonitrile	7.405	41	17863	41.748	ug/l	94
42) 1,2-Dichloroethane	8.323	62	67308	50.137	ug/l	99
43) Isopropyl Acetate	8.364	43	65256	46.544	ug/l	99
44) Trichloroethene	9.029	130	56803	52.818	ug/l	96
45) 1,2-Dichloropropane	9.305	63	65933	55.490	ug/l	98
46) Dibromomethane	9.393	93	39501	61.060	ug/l	98
47) Bromodichloromethane	9.582	83	94118	57.319	ug/l	99
48) Methyl methacrylate	9.382	41	36593	54.930	ug/l	96
49) 1,4-Dioxane	9.388	88	9273	1205.649	ug/l	90
51) 4-Methyl-2-Pentanone	10.158	43	176502	244.328	ug/l	100
52) Toluene	10.329	92	142719	51.133	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	84600	56.517	ug/l	99
54) cis-1,3-Dichloropropene	10.017	75	86273	49.736	ug/l	96
55) 1,1,2-Trichloroethane	10.729	97	52371	61.201	ug/l	99
56) Ethyl methacrylate	10.599	69	61666	59.471	ug/l	98
57) 1,3-Dichloropropane	10.876	76	82921	58.305	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	121462	286.230	ug/l	98
59) 2-Hexanone	10.917	43	128848	259.283	ug/l	99
60) Dibromochloromethane	11.070	129	61352	57.211	ug/l	99
61) 1,2-Dibromoethane	11.176	107	44754	56.402	ug/l	99
64) Tetrachloroethene	10.811	164	52065	53.538	ug/l	92
65) Chlorobenzene	11.605	112	166180	51.249	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.682	131	60837	54.610	ug/l	98
67) Ethyl Benzene	11.682	91	277473	51.206	ug/l	93
68) m/p-Xylenes	11.793	106	217698	103.468	ug/l	100
69) o-Xylene	12.117	106	117013	60.861	ug/l	93
70) Styrene	12.129	104	213097	61.725	ug/l	99
71) Bromoform	12.299	173	39193	59.215	ug/l #	99
73) Isopropylbenzene	12.417	105	283268	44.615	ug/l	99
74) N-amyl acetate	12.229	43	73659	40.422	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.670	83	56992	40.819	ug/l	98
76) 1,2,3-Trichloropropane	12.723	75	70916	75.072	ug/l #	100
77) Bromobenzene	12.699	156	71256	43.267	ug/l	98
78) n-propylbenzene	12.758	91	329024	41.295	ug/l	100
79) 2-Chlorotoluene	12.846	91	190089	41.016	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	230688	42.599	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	21445	43.092	ug/l	98
82) 4-Chlorotoluene	12.940	91	204492	40.876	ug/l	98
83) tert-Butylbenzene	13.164	119	196358	43.452	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	248297	44.813	ug/l	99
85) sec-Butylbenzene	13.340	105	336310	48.261	ug/l	100
86) p-Isopropyltoluene	13.458	119	288822	49.315	ug/l	100
87) 1,3-Dichlorobenzene	13.452	146	166429	48.457	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	161437	46.625	ug/l	99
89) n-Butylbenzene	13.781	91	269066	47.326	ug/l	99
90) Hexachloroethane	14.046	117	63011	48.625	ug/l	99
91) 1,2-Dichlorobenzene	13.829	146	146358	49.055	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	10235	45.995	ug/l	88
93) 1,2,4-Trichlorobenzene	15.093	180	78397	41.782	ug/l	98
94) Hexachlorobutadiene	15.199	225	42075	43.103	ug/l	98
95) Naphthalene	15.328	128	152301	43.229	ug/l	97
96) 1,2,3-Trichlorobenzene	15.517	180	75349	44.901	ug/l	98

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ClientSampleId :
VSTDCCC050EC

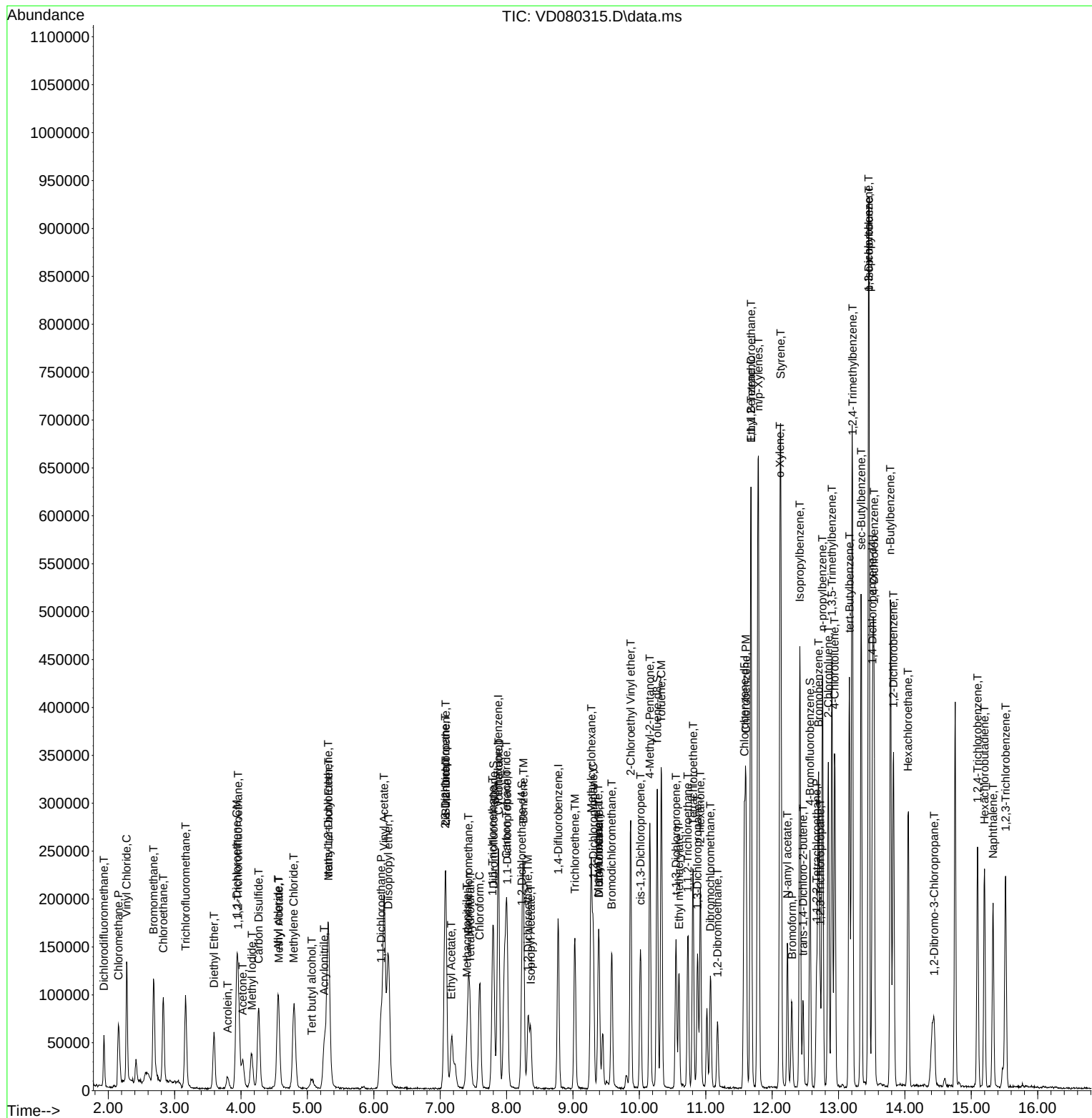
Quant Time: May 14 01:37:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260
QLast Update : Wed May 07 08:57:11 2025
Response via : Initial Calibration

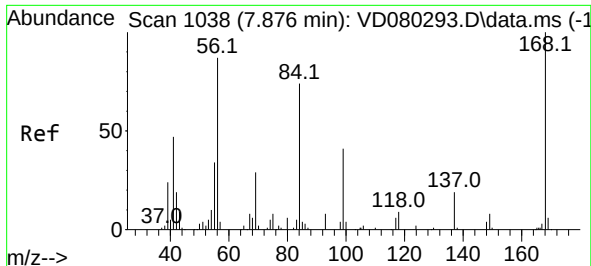
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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Quant Title : SW846 8260
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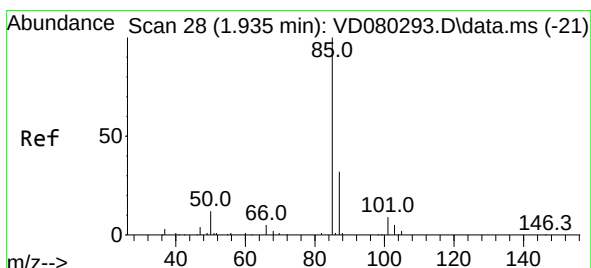
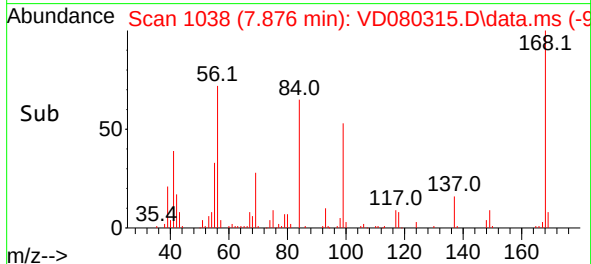
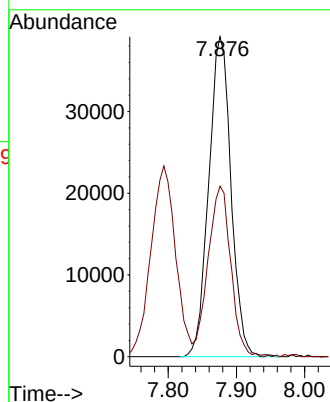
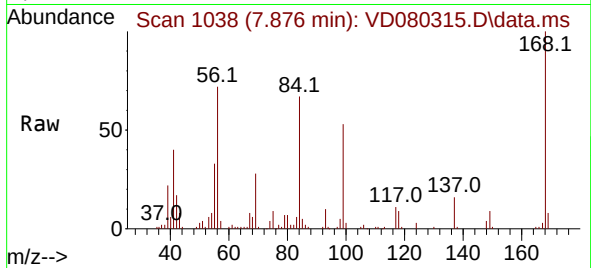




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

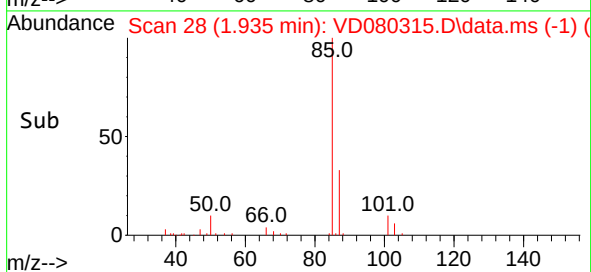
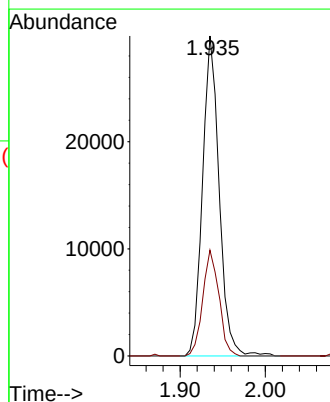
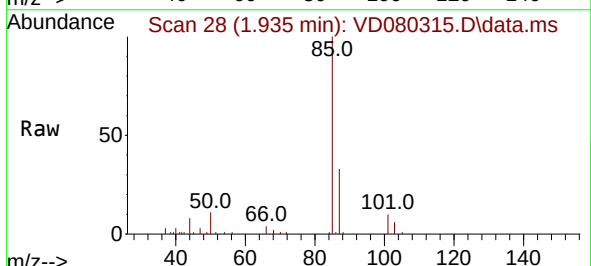
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

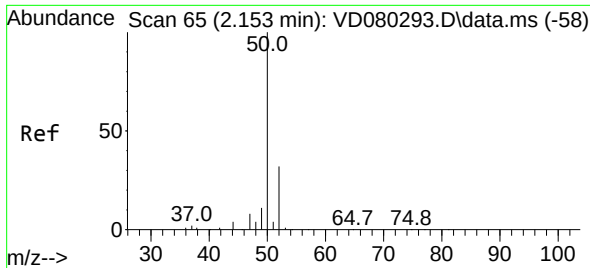
Tgt Ion:168 Resp: 89063
Ion Ratio Lower Upper
168 100
99 53.3 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 51.941 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.001 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion: 85 Resp: 40479
Ion Ratio Lower Upper
85 100
87 33.1 16.1 48.2

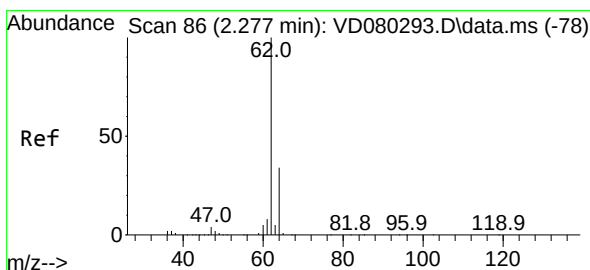
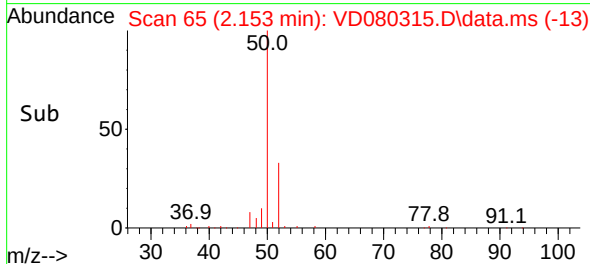
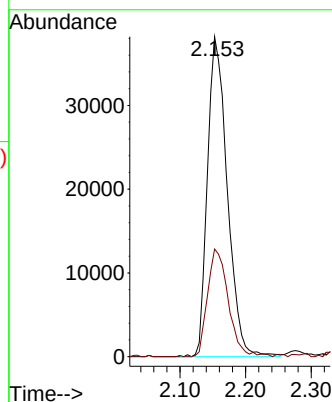
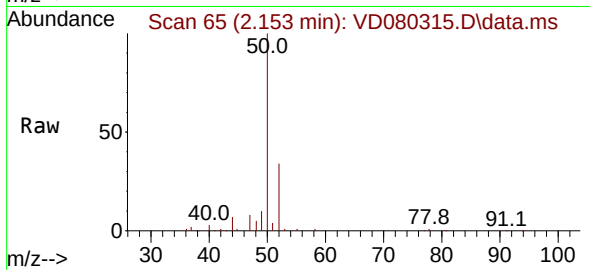




#3
Chloromethane
Concen: 52.855 ug/l
RT: 2.153 min Scan# 65
Delta R.T. 0.007 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

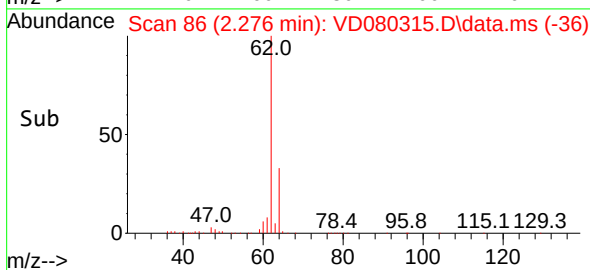
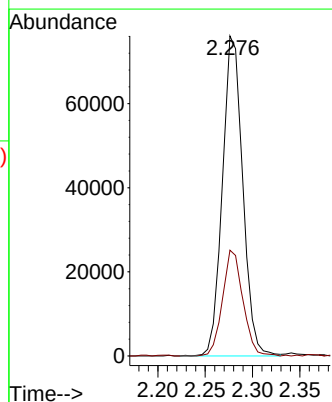
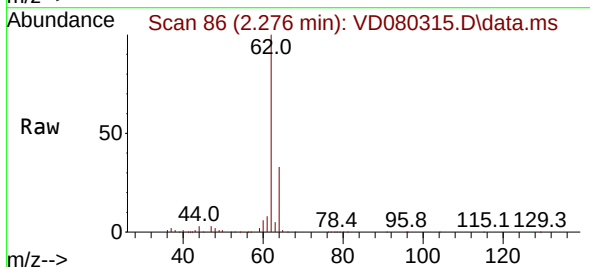
Instrument :
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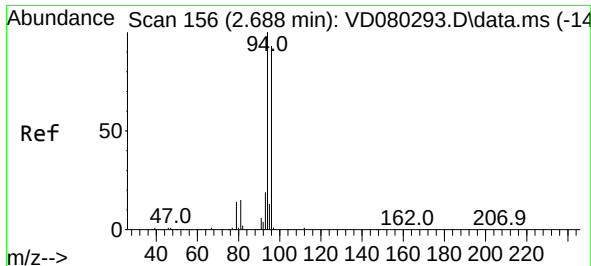
Tgt Ion: 50 Resp: 80444
Ion Ratio Lower Upper
50 100
52 33.2 28.8 43.2



#4
Vinyl Chloride
Concen: 49.150 ug/l
RT: 2.276 min Scan# 86
Delta R.T. -0.005 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion: 62 Resp: 113801
Ion Ratio Lower Upper
62 100
64 33.1 26.5 39.7

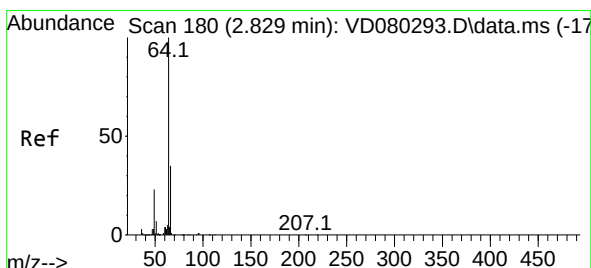
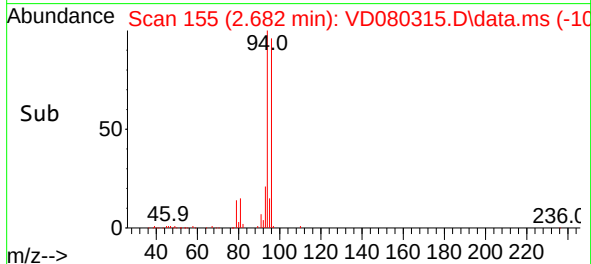
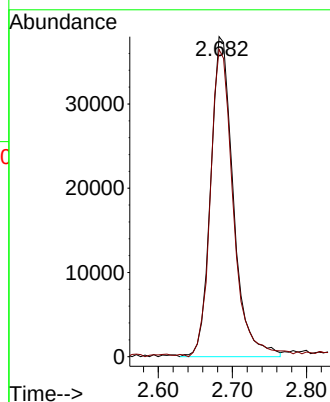
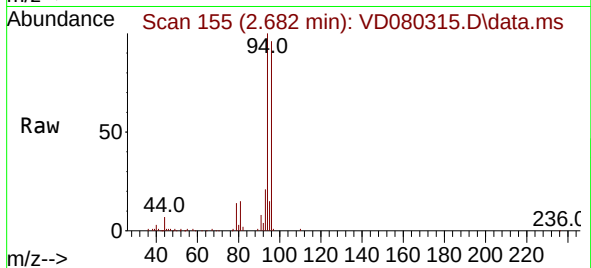




#5
Bromomethane
Concen: 48.446 ug/l
RT: 2.682 min Scan# 11
Delta R.T. -0.011 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

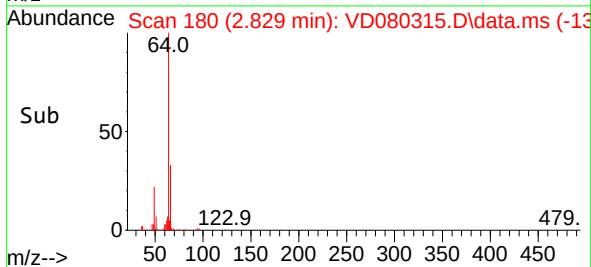
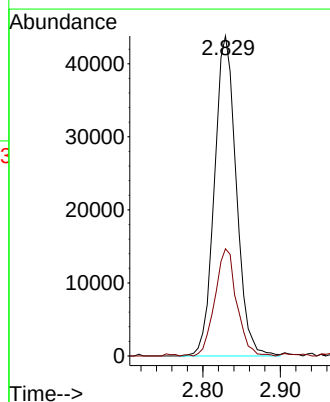
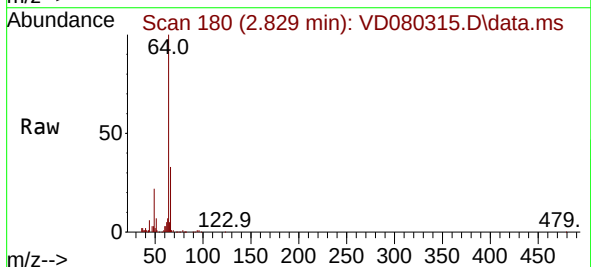
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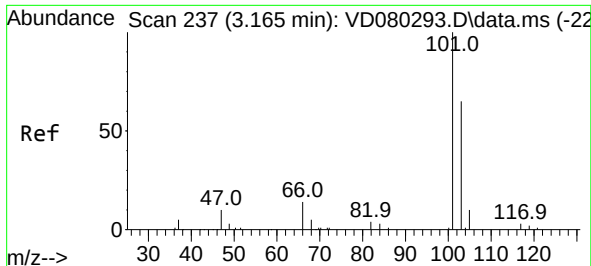
Tgt Ion: 94 Resp: 80742
Ion Ratio Lower Upper
94 100
96 97.0 76.2 114.2



#6
Chloroethane
Concen: 52.398 ug/l
RT: 2.829 min Scan# 180
Delta R.T. -0.005 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion: 64 Resp: 85779
Ion Ratio Lower Upper
64 100
66 33.5 27.6 41.4

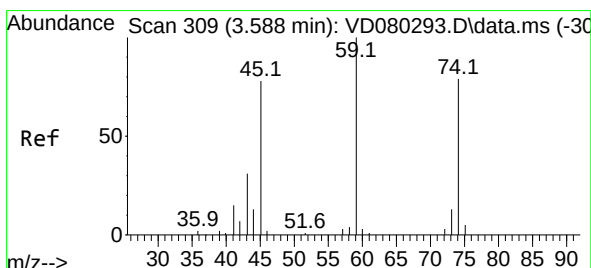
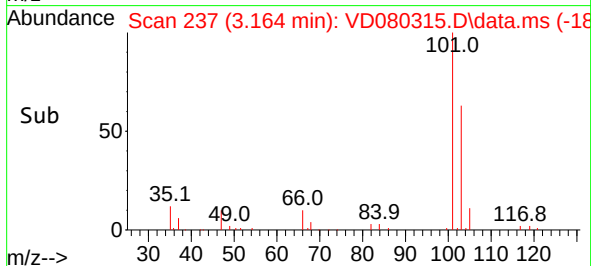
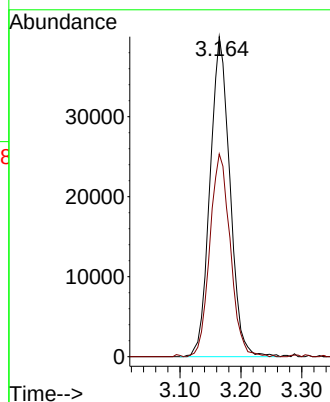
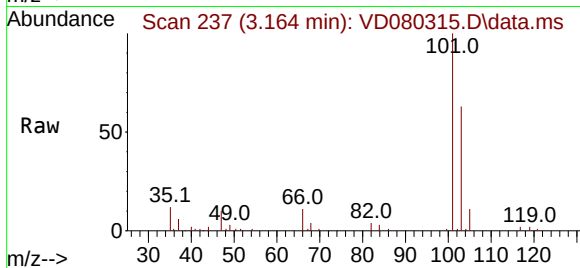




#7
Trichlorofluoromethane
Concen: 51.123 ug/l
RT: 3.164 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD080315.D
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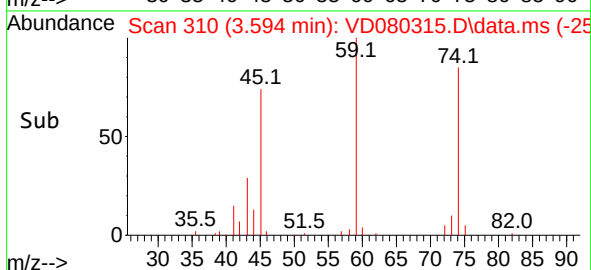
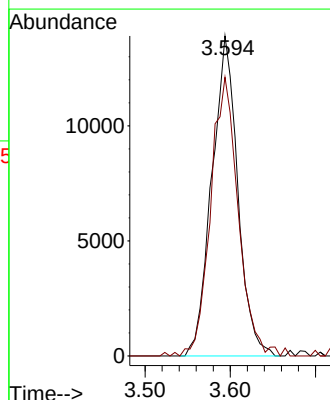
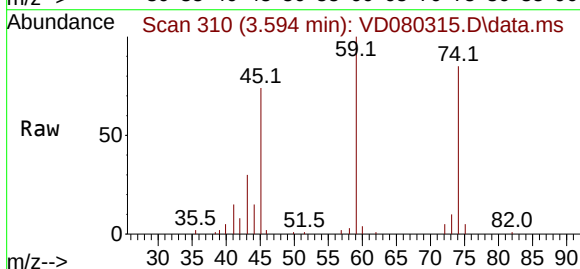
Instrument :
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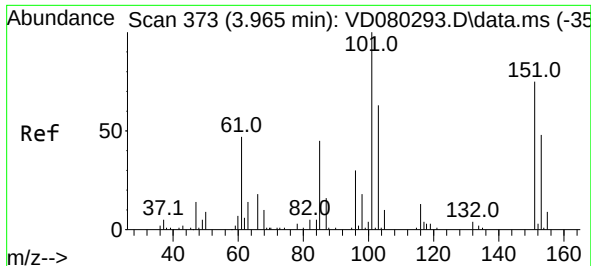
Tgt Ion:101 Resp: 90762
Ion Ratio Lower Upper
101 100
103 63.4 53.0 79.6



#8
Diethyl Ether
Concen: 53.634 ug/l
RT: 3.594 min Scan# 310
Delta R.T. 0.001 min
Lab File: VD080315.D
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Tgt Ion: 74 Resp: 29393
Ion Ratio Lower Upper
74 100
45 93.1 47.8 143.3

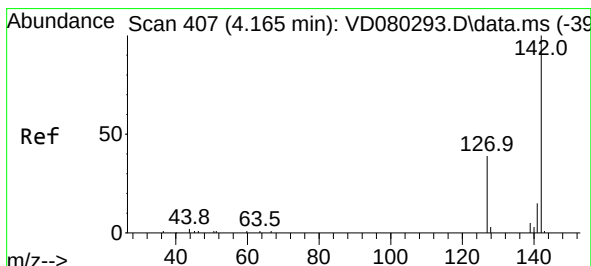
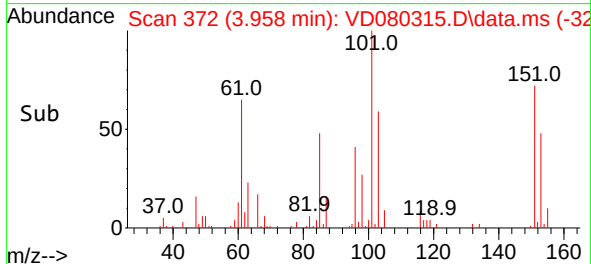
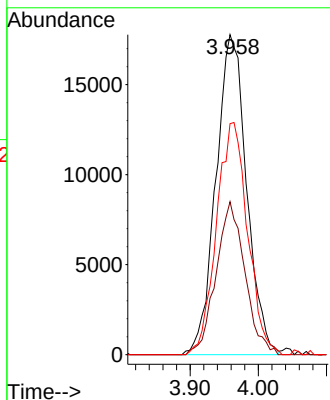
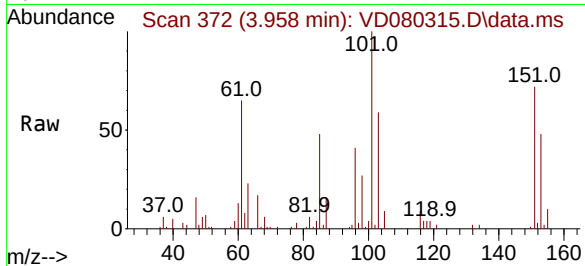




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.849 ug/l
RT: 3.958 min Scan# 31
Delta R.T. -0.012 min
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Acq: 13 May 2025 21:36

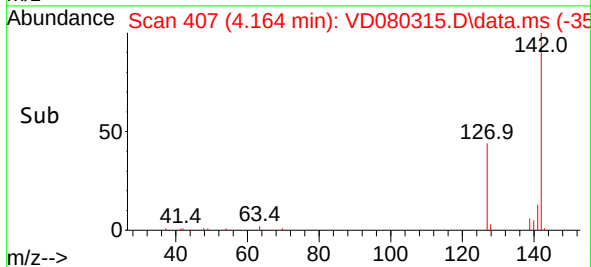
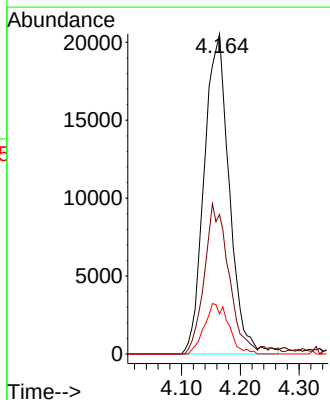
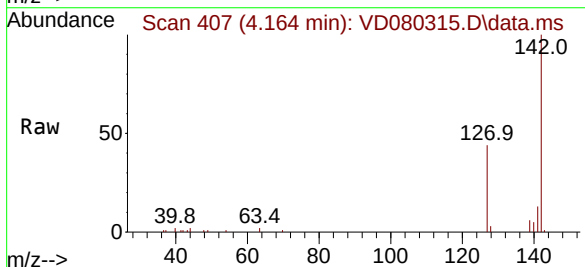
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

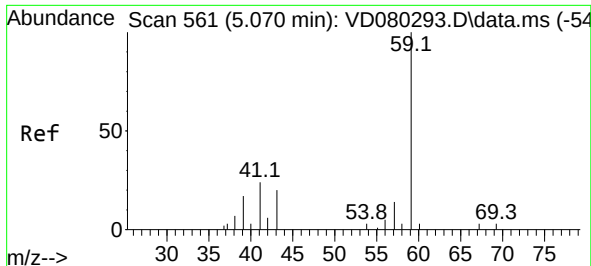
Tgt Ion:101 Resp: 55622
Ion Ratio Lower Upper
101 100
85 45.0 35.3 52.9
151 73.6 60.3 90.5



#10
Methyl Iodide
Concen: 54.658 ug/l
RT: 4.164 min Scan# 407
Delta R.T. 0.000 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion:142 Resp: 60948
Ion Ratio Lower Upper
142 100
127 45.6 35.3 52.9
141 15.3 12.2 18.2

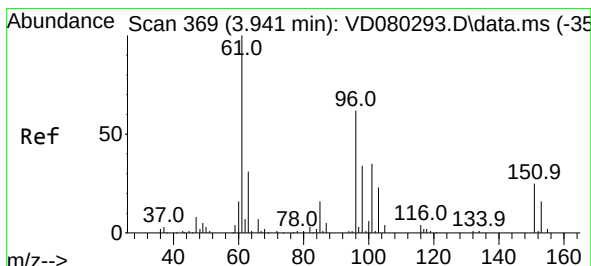
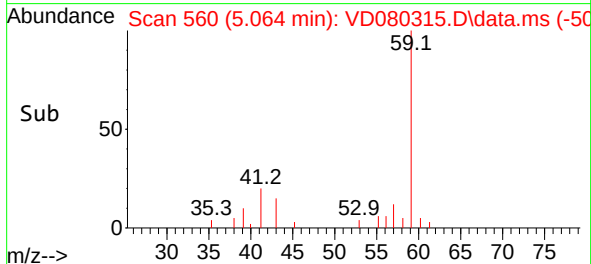
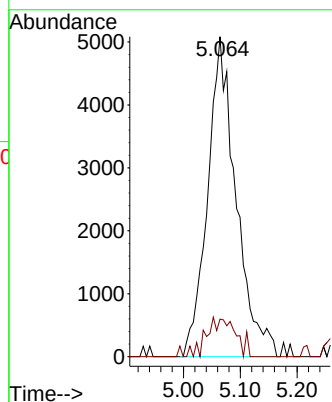
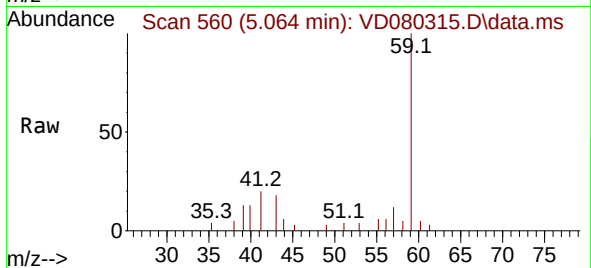




#11
Tert butyl alcohol
Concen: 253.017 ug/l
RT: 5.064 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

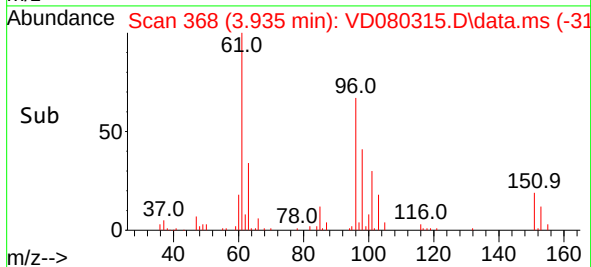
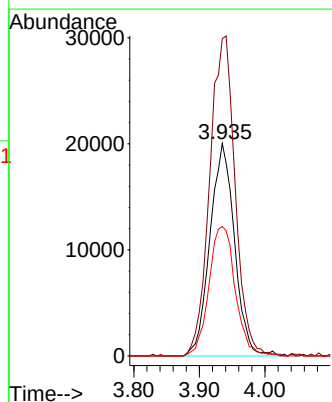
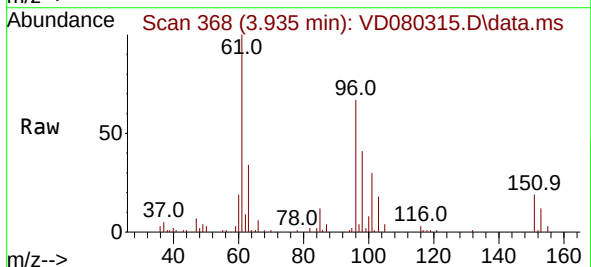
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

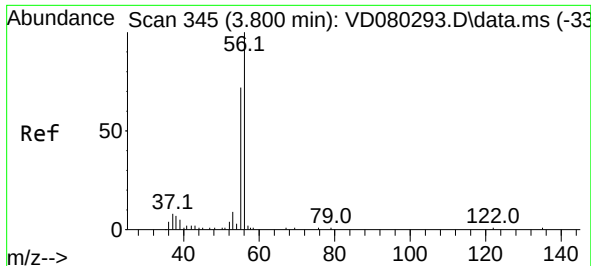
Tgt Ion: 59 Resp: 17683
Ion Ratio Lower Upper
59 100
57 11.4 4.8 7.2#



#12
1,1-Dichloroethene
Concen: 48.235 ug/l
RT: 3.935 min Scan# 368
Delta R.T. -0.005 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion: 96 Resp: 52018
Ion Ratio Lower Upper
96 100
61 149.4 122.6 184.0
98 61.0 47.1 70.7

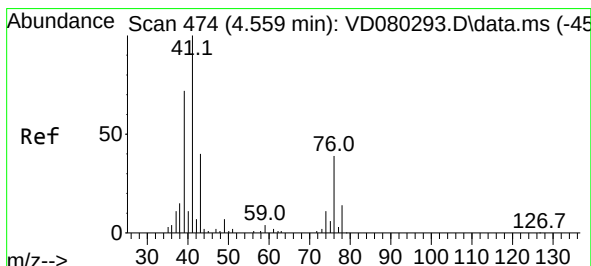
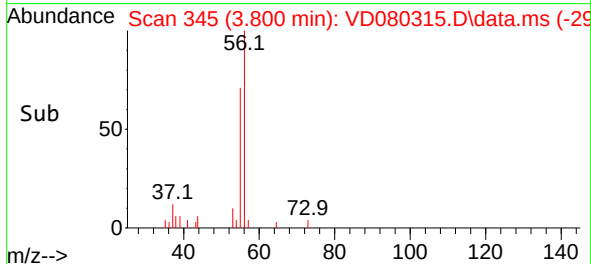
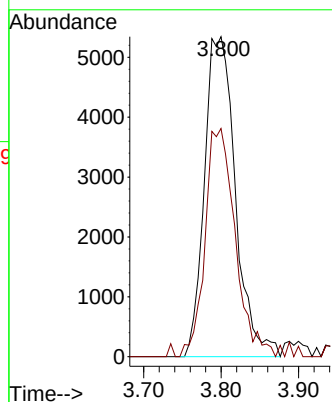
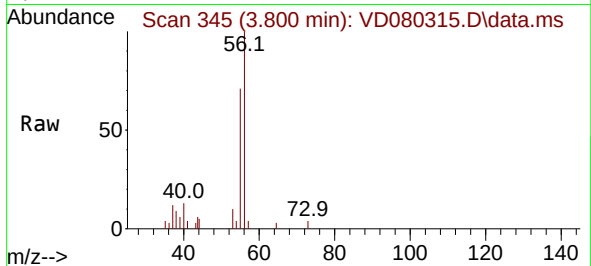




#13
Acrolein
Concen: 120.568 ug/l
RT: 3.800 min Scan# 345
Delta R.T. 0.007 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

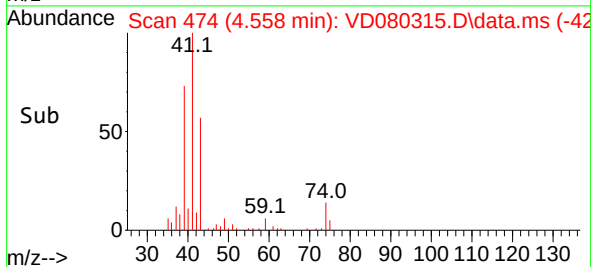
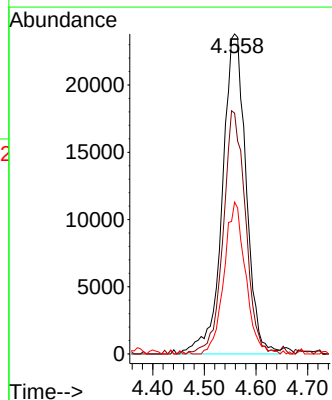
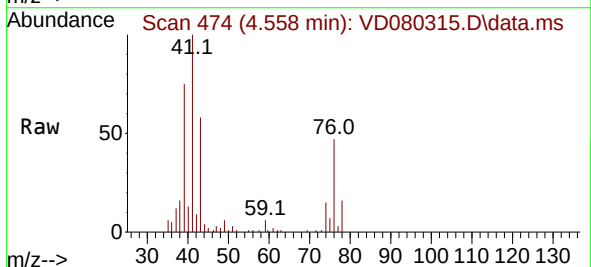
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

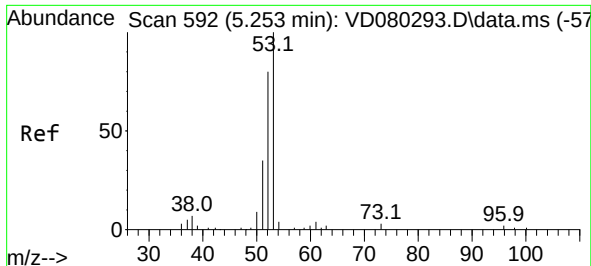
Tgt Ion: 56 Resp: 14826
Ion Ratio Lower Upper
56 100
55 69.4 58.2 87.2



#14
Allyl chloride
Concen: 44.733 ug/l
RT: 4.558 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion: 41 Resp: 75869
Ion Ratio Lower Upper
41 100
39 71.4 53.3 79.9
76 42.9 32.0 48.0

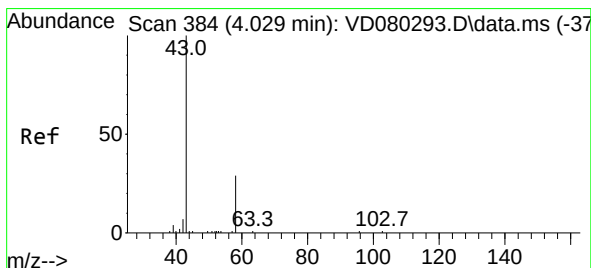
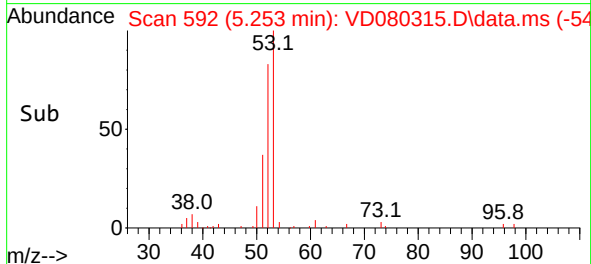
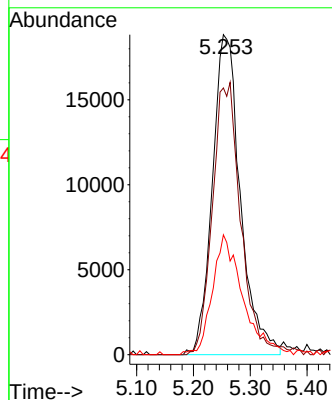
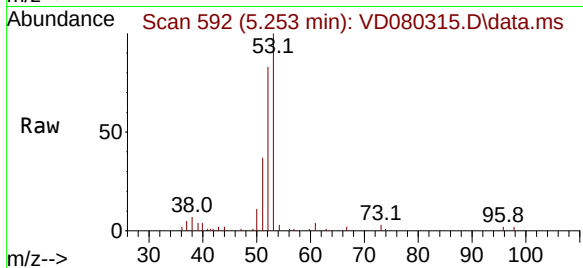




#15
Acrylonitrile
Concen: 244.758 ug/l
RT: 5.253 min Scan# 592
Delta R.T. 0.001 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

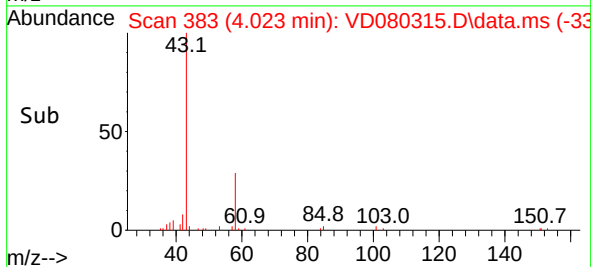
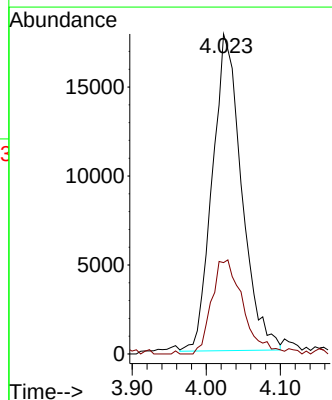
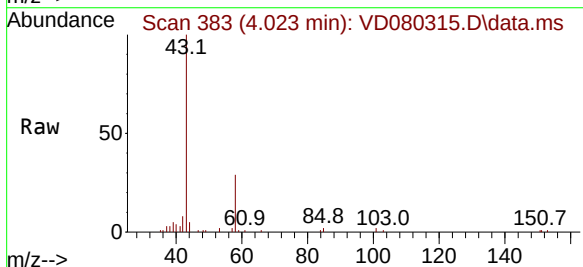
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

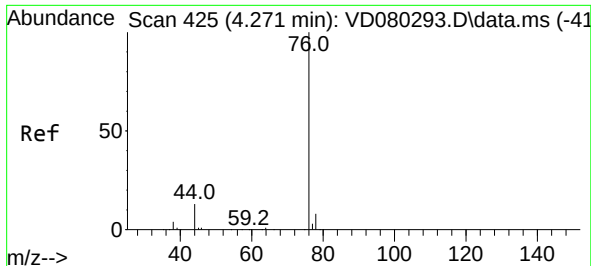
Tgt Ion: 53 Resp: 64487
Ion Ratio Lower Upper
53 100
52 85.6 66.2 99.4
51 40.7 30.3 45.5



#16
Acetone
Concen: 278.299 ug/l
RT: 4.023 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion: 43 Resp: 48986
Ion Ratio Lower Upper
43 100
58 28.9 25.4 38.2

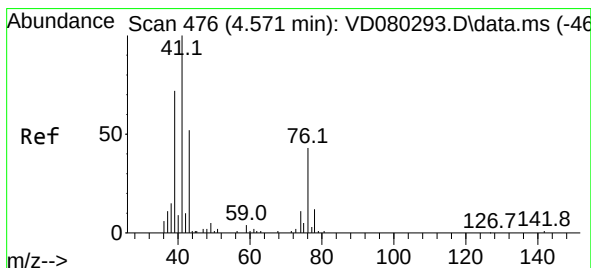
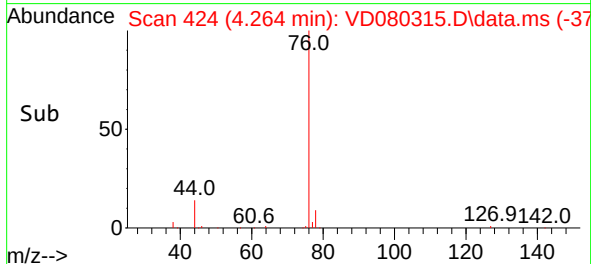
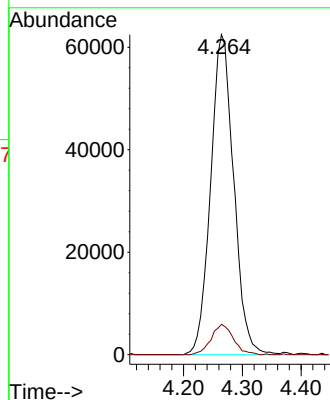
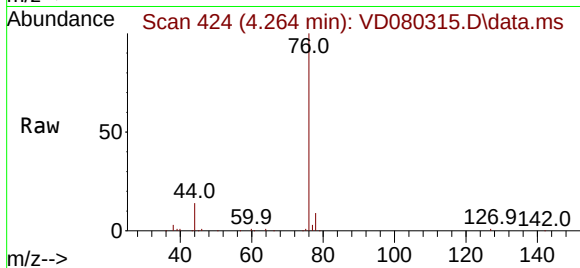




#17
Carbon Disulfide
Concen: 45.522 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

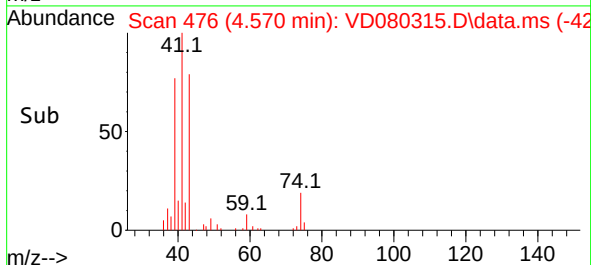
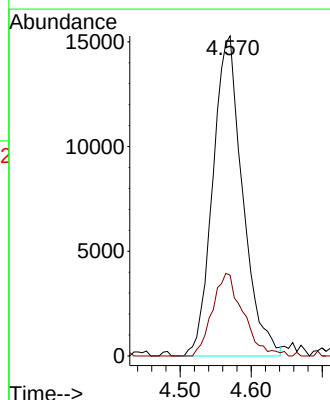
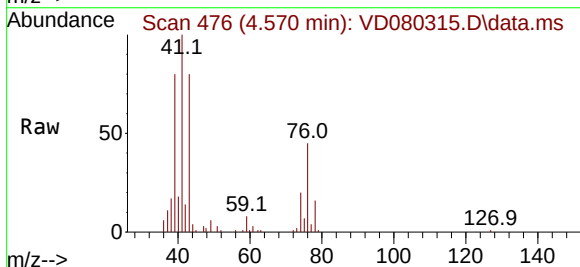
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

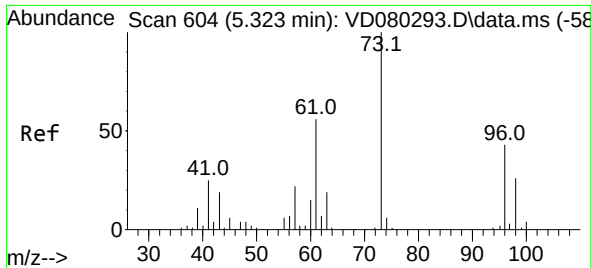
Tgt Ion: 76 Resp: 170472
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#18
Methyl Acetate
Concen: 59.742 ug/l
RT: 4.570 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion: 43 Resp: 44523
Ion Ratio Lower Upper
43 100
74 26.6 20.5 30.7

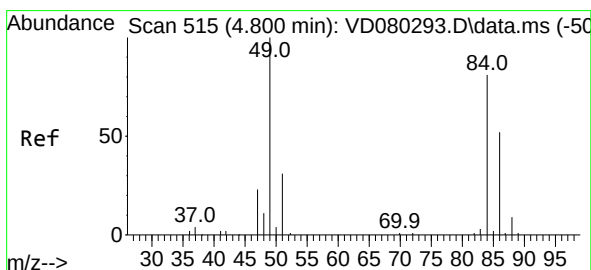
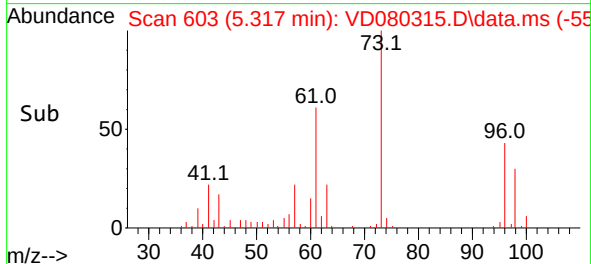
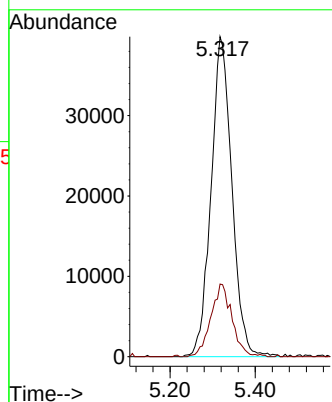
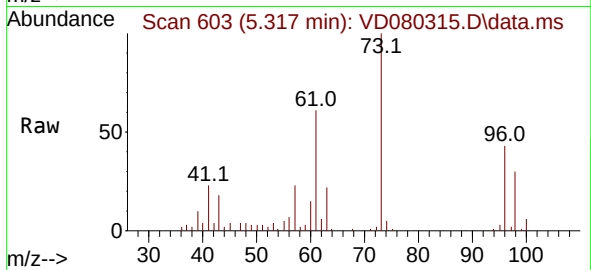




#19
Methyl tert-butyl Ether
Concen: 57.068 ug/l
RT: 5.317 min Scan# 604
Delta R.T. -0.005 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

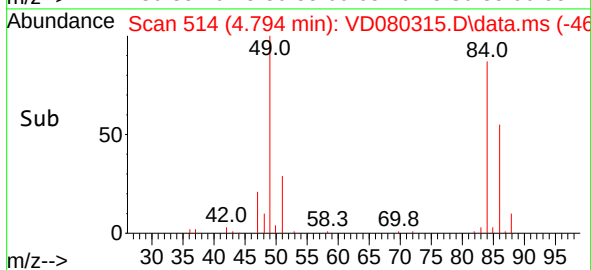
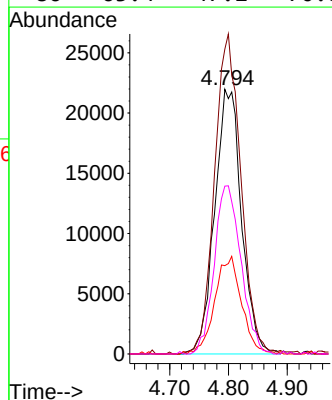
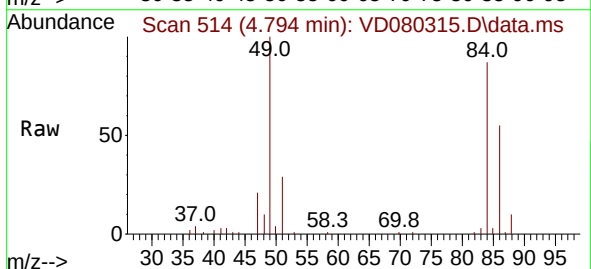
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

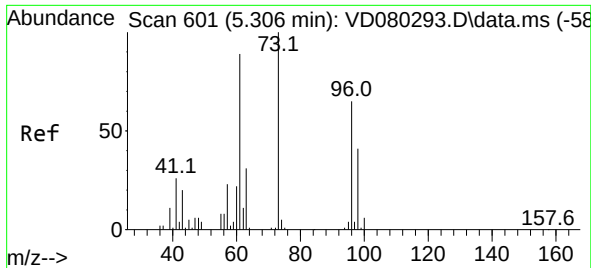
Tgt Ion: 73 Resp: 135202
Ion Ratio Lower Upper
73 100
57 22.7 18.8 28.2



#20
Methylene Chloride
Concen: 57.190 ug/l
RT: 4.794 min Scan# 514
Delta R.T. -0.011 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion: 84 Resp: 69668
Ion Ratio Lower Upper
84 100
49 115.2 86.5 129.7
51 33.4 26.9 40.3
86 63.4 47.2 70.8

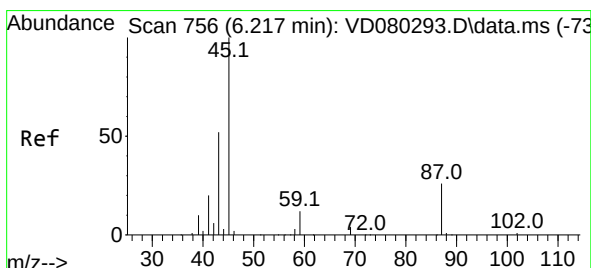
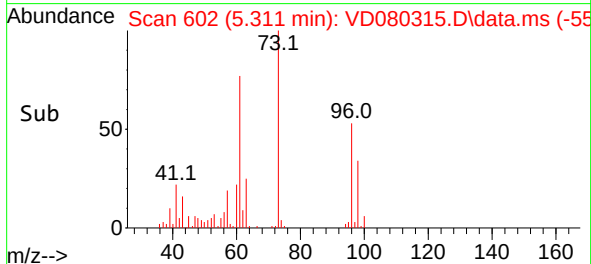
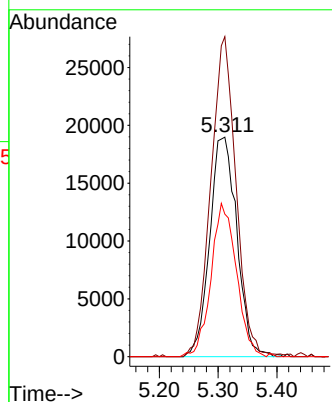
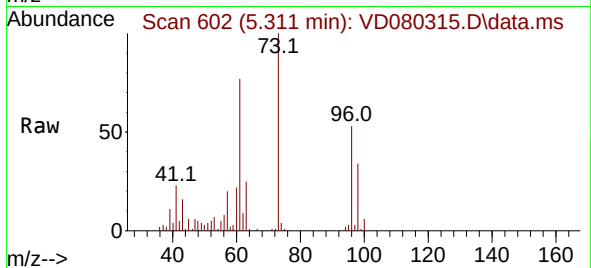




#21
trans-1,2-Dichloroethene
Concen: 51.955 ug/l
RT: 5.311 min Scan# 601
Delta R.T. 0.000 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

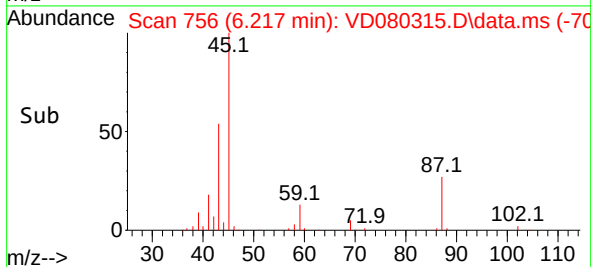
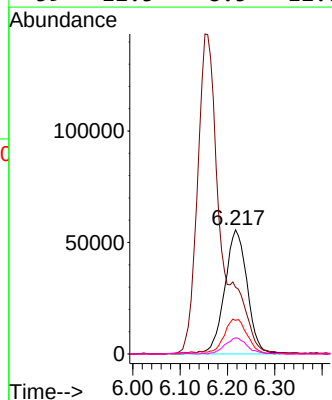
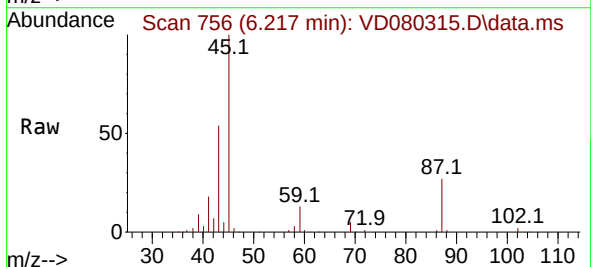
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

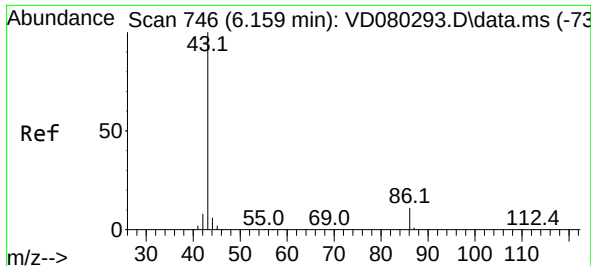
Tgt Ion: 96 Resp: 60868
Ion Ratio Lower Upper
96 100
61 145.7 109.4 164.0
98 64.9 49.8 74.8



#22
Diisopropyl ether
Concen: 52.529 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.001 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion: 45 Resp: 183524
Ion Ratio Lower Upper
45 100
43 52.7 42.6 63.8
87 27.1 22.7 34.1
59 12.5 8.5 12.7

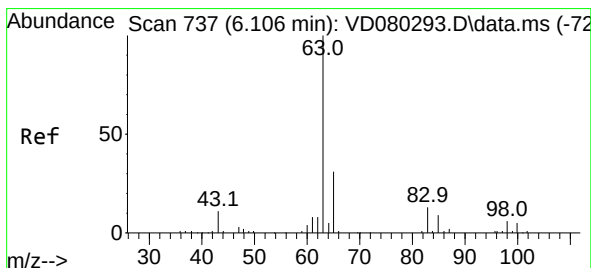
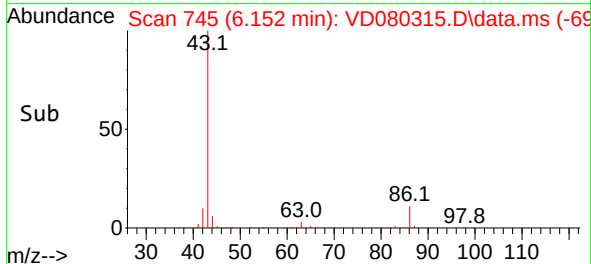
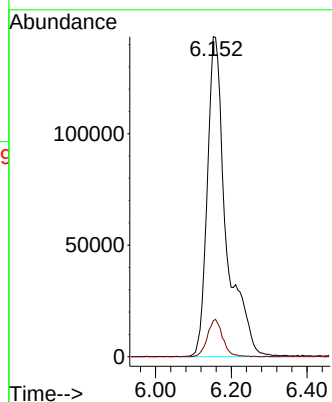
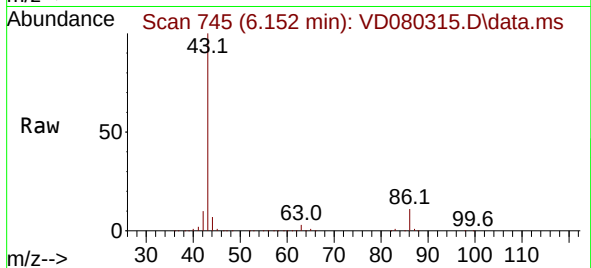




#23
 Vinyl Acetate
 Concen: 243.856 ug/l
 RT: 6.152 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD080315.D
 Acq: 13 May 2025 21:36

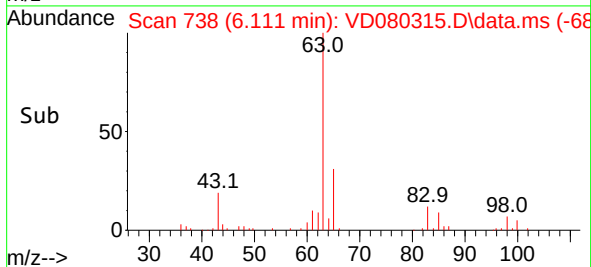
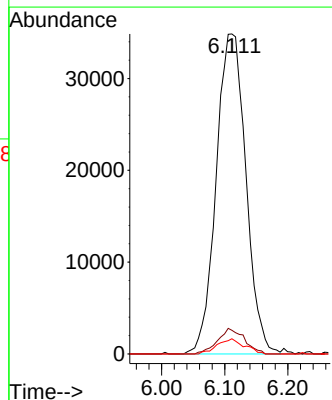
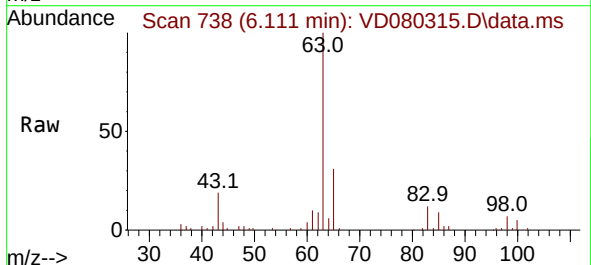
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

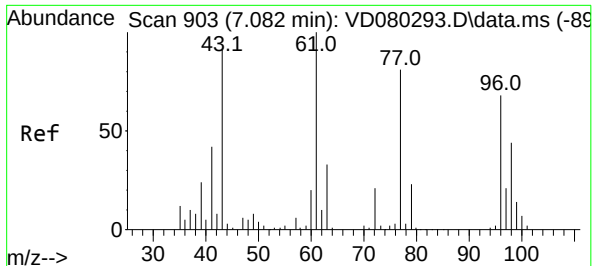
Tgt Ion: 43 Resp: 496211
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 51.799 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD080315.D
 Acq: 13 May 2025 21:36

Tgt Ion: 63 Resp: 113881
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.6
 100 4.8 2.1 6.5





#25

2-Butanone

Concen: 225.558 ug/l

RT: 7.082 min Scan# 903

Delta R.T. -0.005 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

Instrument :

MSVOA_D

ClientSampleId :

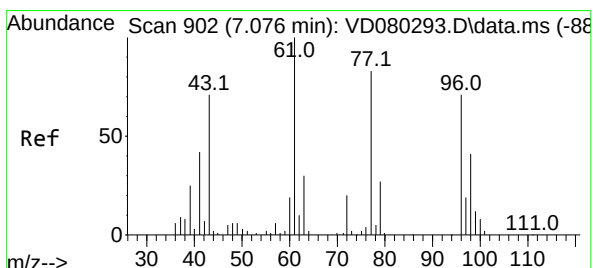
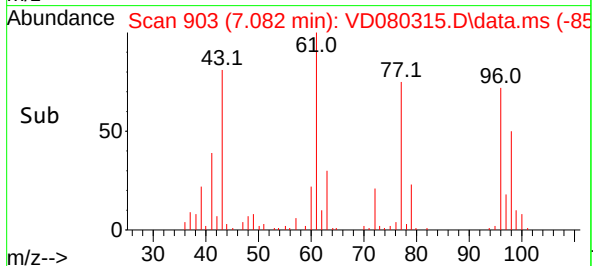
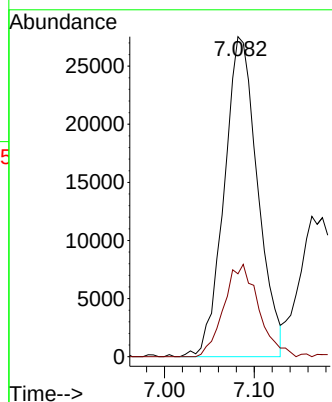
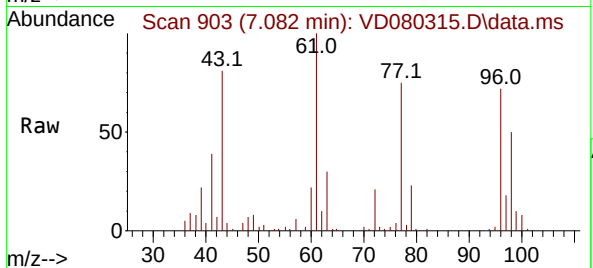
VSTDCCC050EC

Tgt Ion: 43 Resp: 71478

Ion Ratio Lower Upper

43 100

72 25.9 22.3 33.5



#26

2,2-Dichloropropane

Concen: 43.910 ug/l

RT: 7.076 min Scan# 902

Delta R.T. 0.001 min

Lab File: VD080315.D

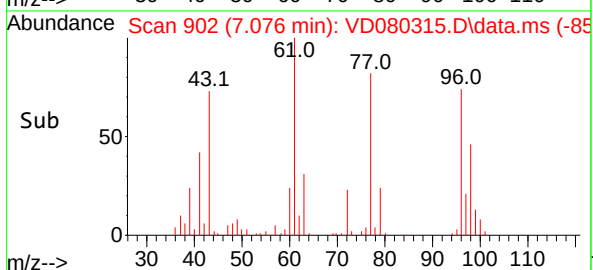
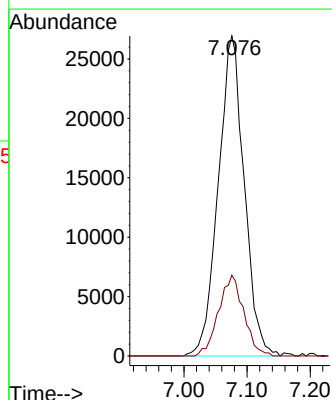
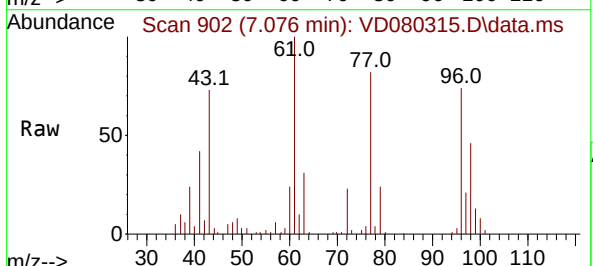
Acq: 13 May 2025 21:36

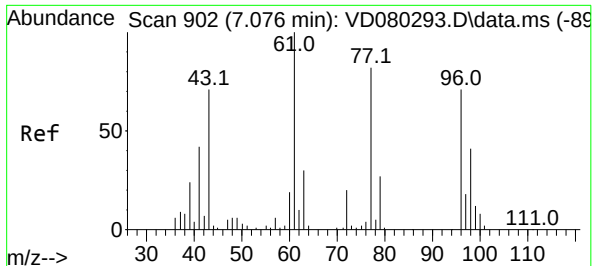
Tgt Ion: 77 Resp: 76816

Ion Ratio Lower Upper

77 100

97 24.5 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 52.715 ug/l

RT: 7.082 min Scan# 902

Delta R.T. 0.001 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

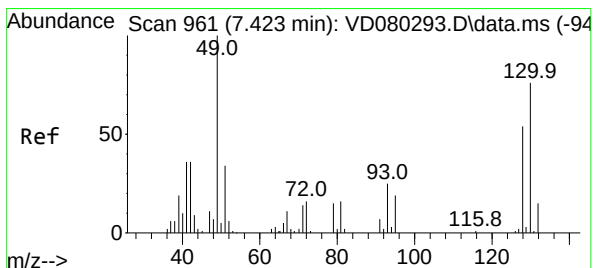
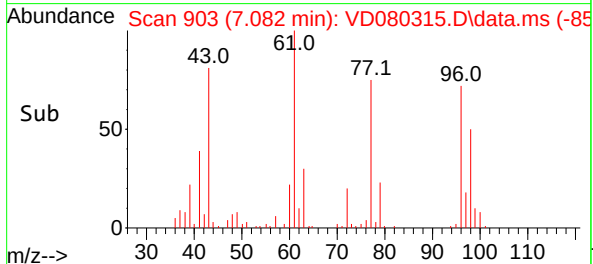
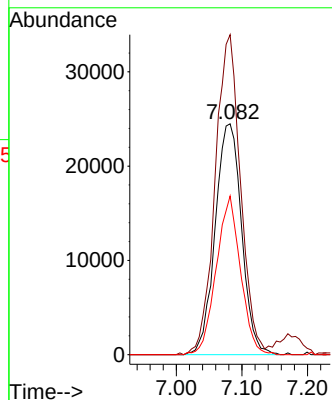
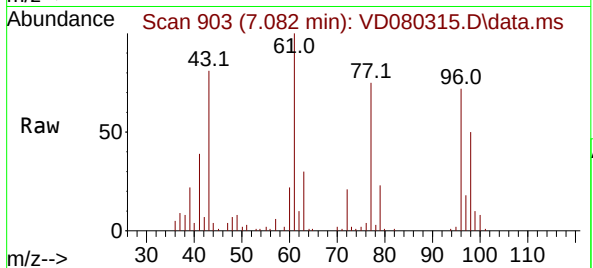
Tgt Ion: 96 Resp: 68424

Ion Ratio Lower Upper

96 100

61 132.9 0.0 278.2

98 63.1 0.0 127.8



#28

Bromochloromethane

Concen: 45.825 ug/l

RT: 7.423 min Scan# 961

Delta R.T. -0.005 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

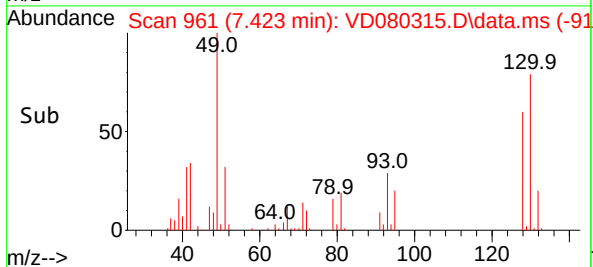
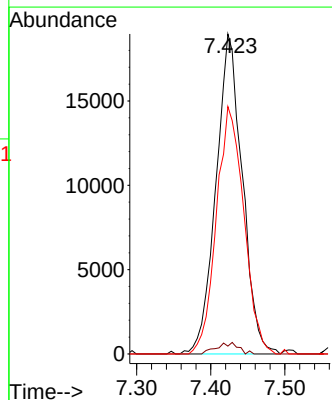
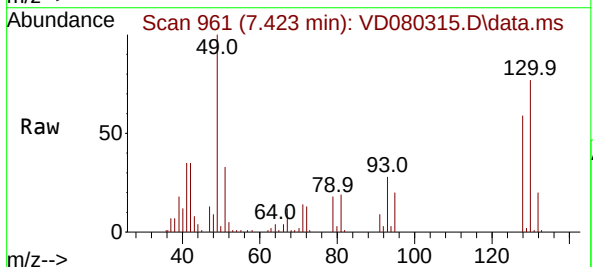
Tgt Ion: 49 Resp: 46908

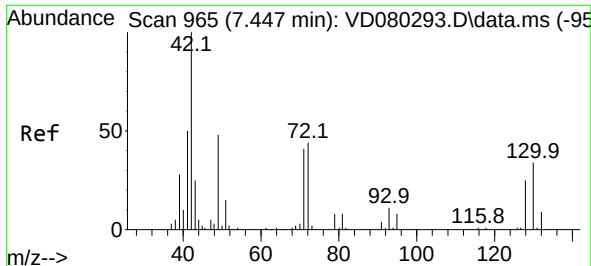
Ion Ratio Lower Upper

49 100

129 3.0 0.0 2.2#

130 80.4 64.6 97.0





#29

Tetrahydrofuran

Concen: 233.985 ug/l

RT: 7.452 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

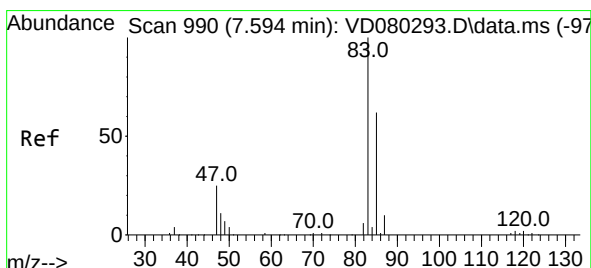
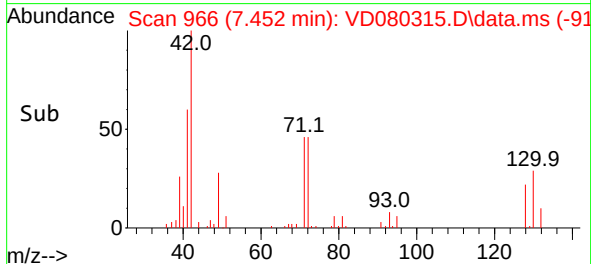
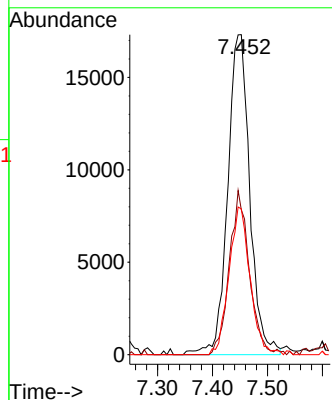
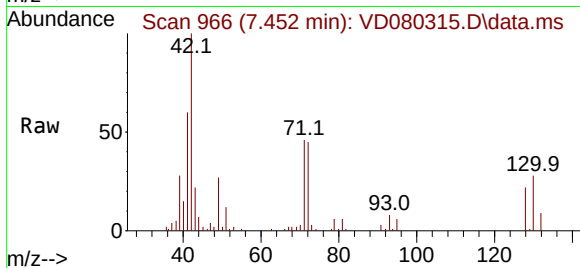
Tgt Ion: 42 Resp: 48346

Ion Ratio Lower Upper

42 100

72 46.2 36.7 55.1

71 44.1 34.4 51.6



#30

Chloroform

Concen: 50.433 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.005 min

Lab File: VD080315.D

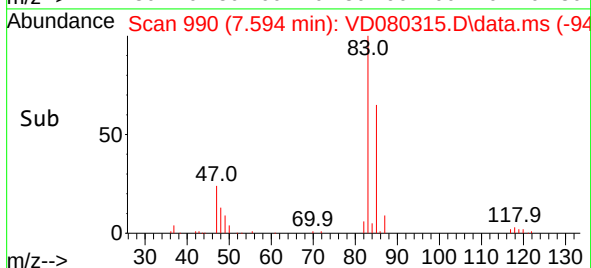
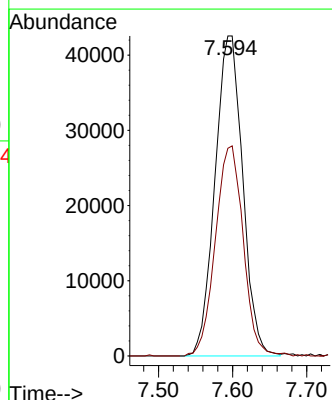
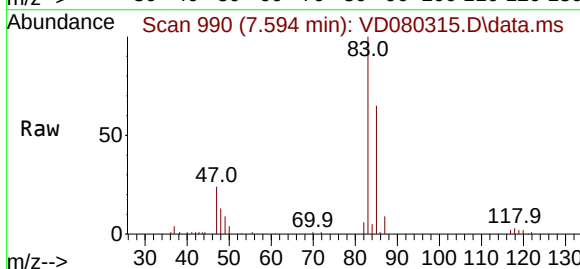
Acq: 13 May 2025 21:36

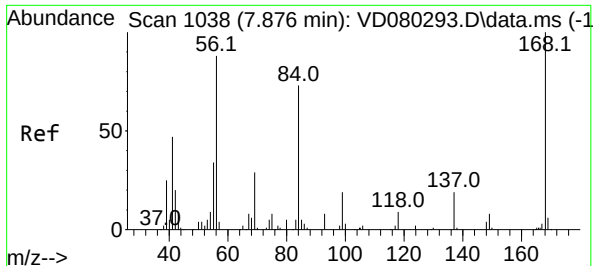
Tgt Ion: 83 Resp: 110569

Ion Ratio Lower Upper

83 100

85 64.9 50.8 76.2

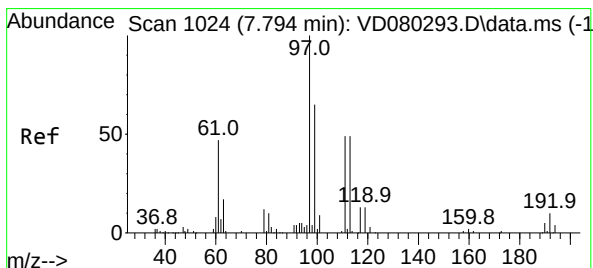
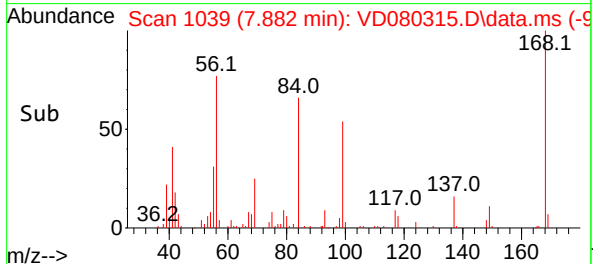
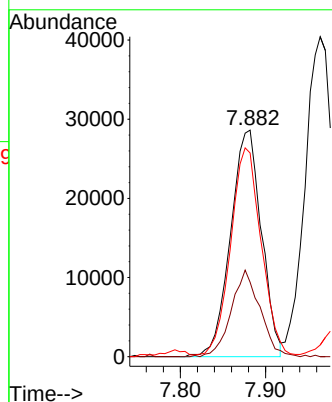
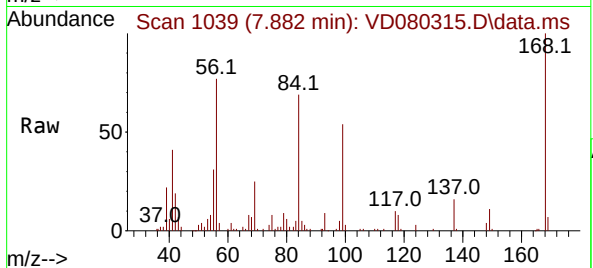




#31
Cyclohexane
Concen: 38.601 ug/l
RT: 7.882 min Scan# 1039
Delta R.T. 0.001 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

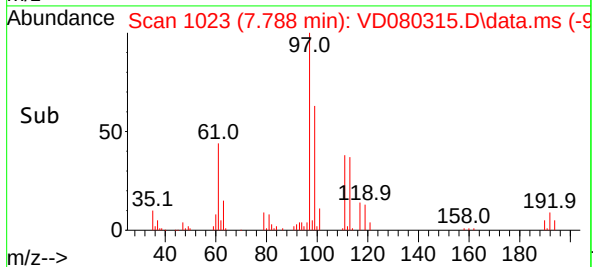
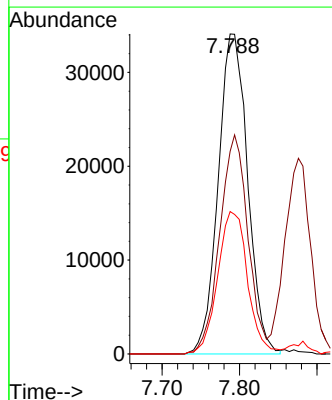
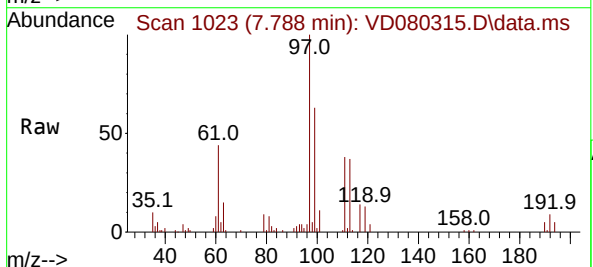
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

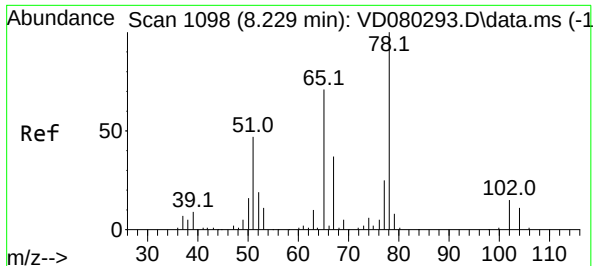
Tgt Ion: 56 Resp: 72228
Ion Ratio Lower Upper
56 100
69 32.8 27.3 40.9
84 87.7 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 50.375 ug/l
RT: 7.788 min Scan# 1023
Delta R.T. -0.005 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion: 97 Resp: 90106
Ion Ratio Lower Upper
97 100
99 65.6 50.7 76.1
61 45.3 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 49.693 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.001 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

Instrument :

MSVOA_D

ClientSampleId :

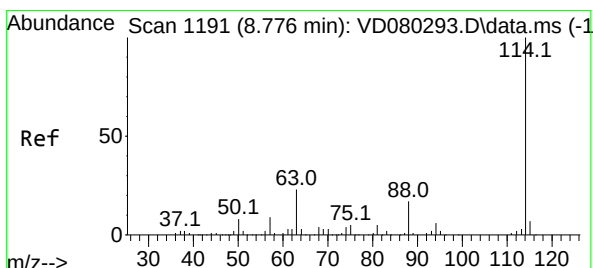
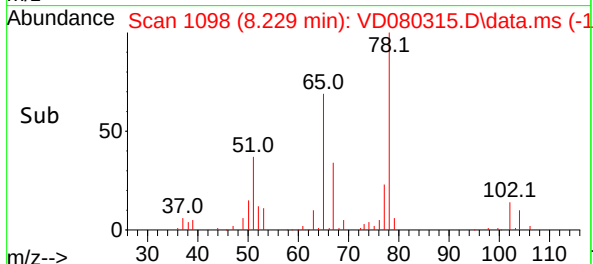
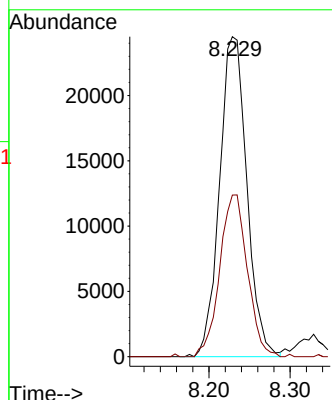
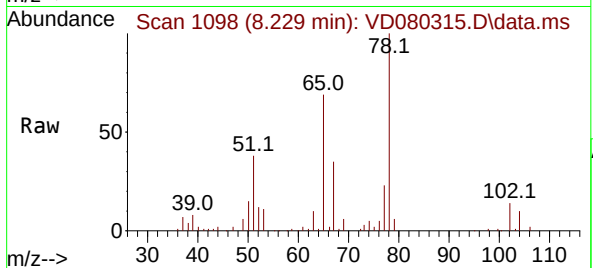
VSTDCCC050EC

Tgt Ion: 65 Resp: 57233

Ion Ratio Lower Upper

65 100

67 51.3 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: VD080315.D

Acq: 13 May 2025 21:36

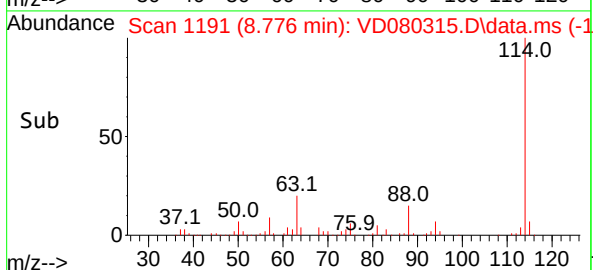
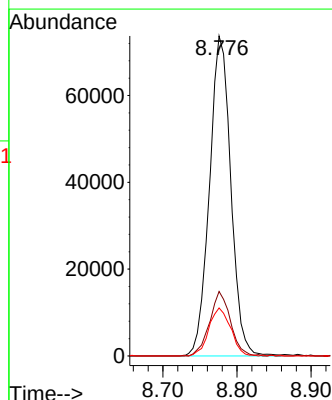
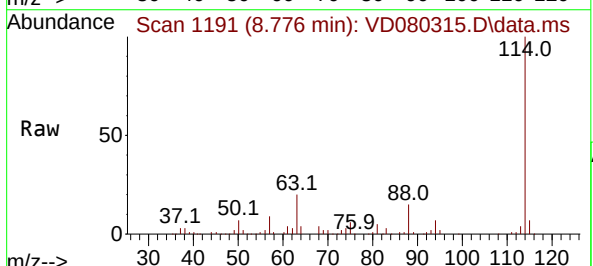
Tgt Ion: 114 Resp: 147611

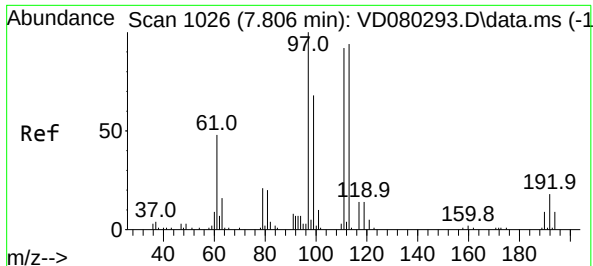
Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.8

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 57.145 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

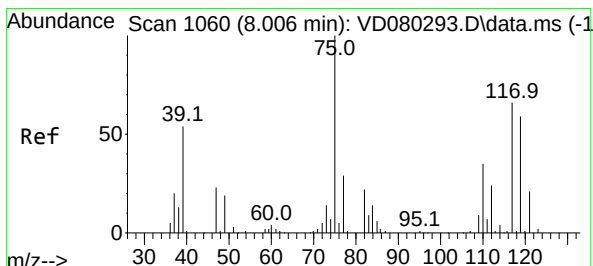
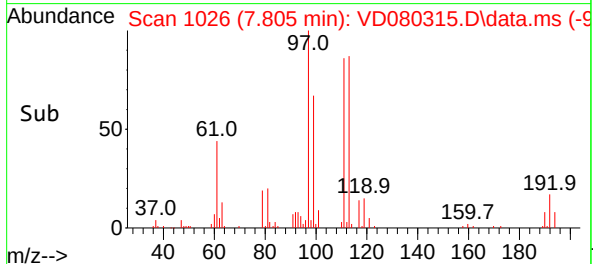
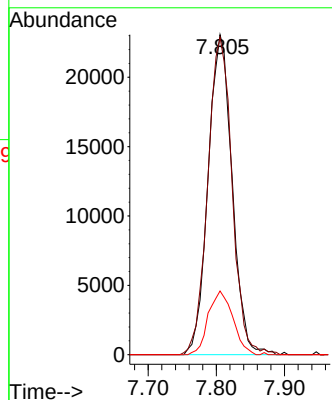
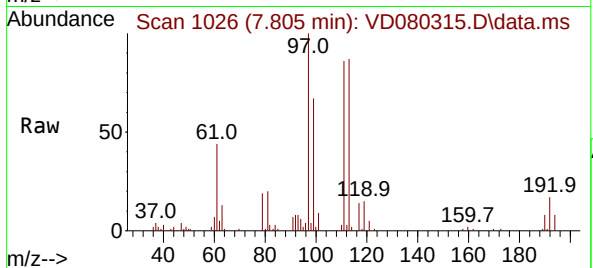
Tgt Ion:113 Resp: 56536

Ion Ratio Lower Upper

113 100

111 100.4 82.5 123.7

192 20.3 16.6 25.0



#36

1,1-Dichloropropene

Concen: 48.774 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

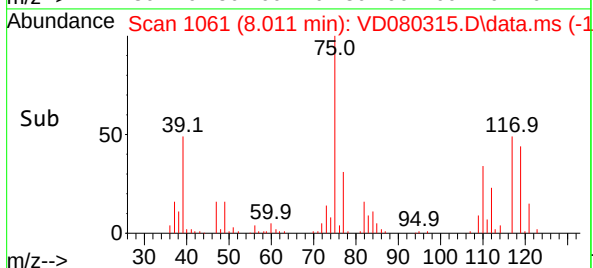
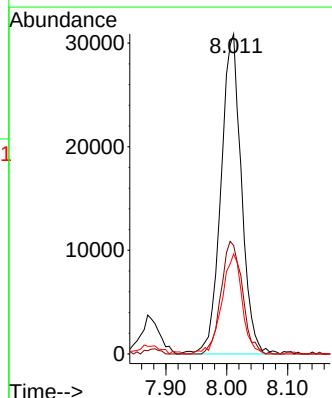
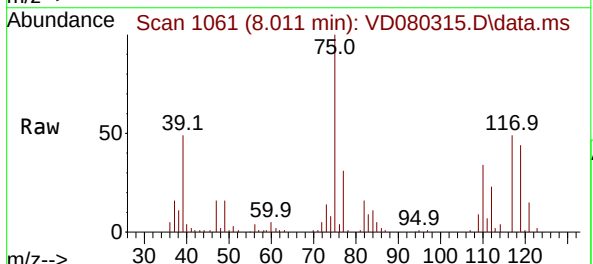
Tgt Ion: 75 Resp: 72117

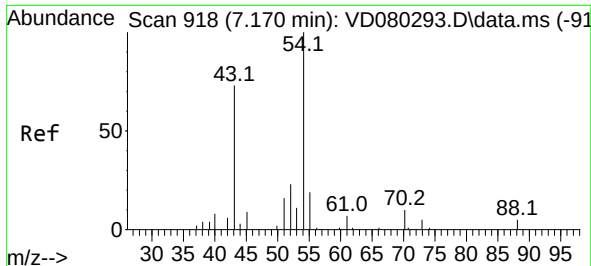
Ion Ratio Lower Upper

75 100

110 36.6 18.4 55.0

77 31.0 25.6 38.4





#37

Ethyl Acetate

Concen: 44.409 ug/l

RT: 7.164 min Scan# 917

Delta R.T. -0.005 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

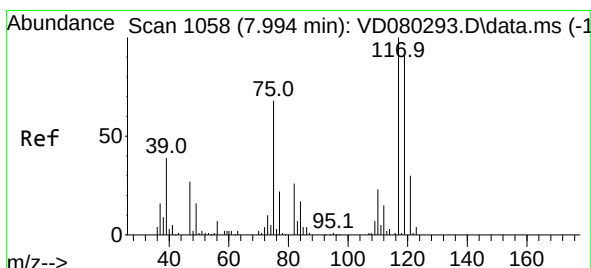
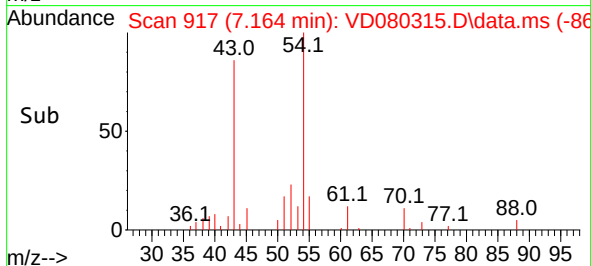
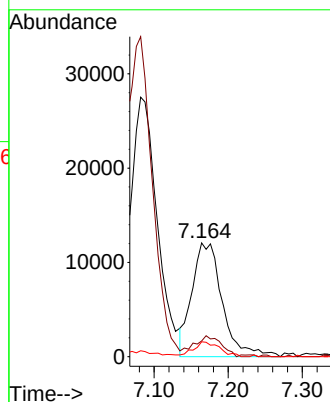
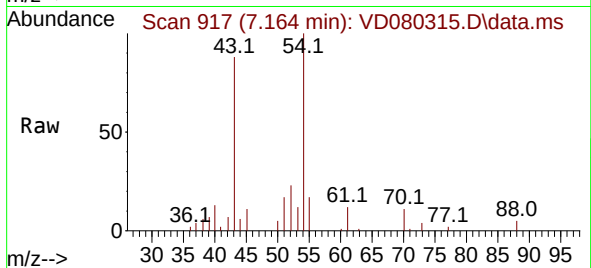
Tgt Ion: 43 Resp: 34336

Ion Ratio Lower Upper

43 100

61 13.2 11.0 16.4

70 11.3 9.4 14.2



#38

Carbon Tetrachloride

Concen: 50.025 ug/l

RT: 7.994 min Scan# 1058

Delta R.T. 0.007 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

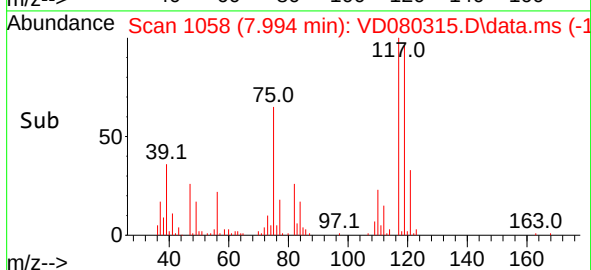
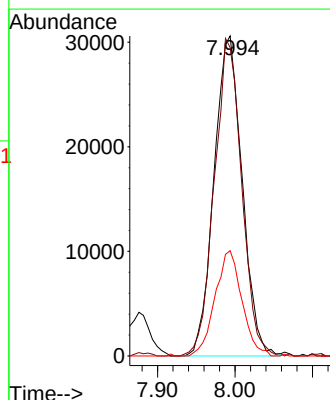
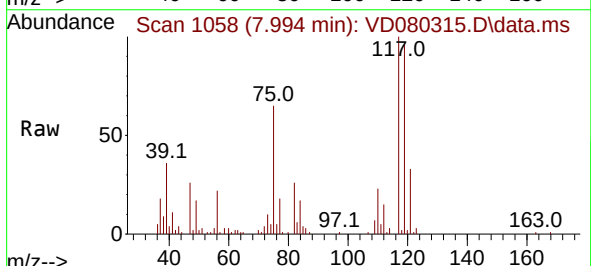
Tgt Ion: 117 Resp: 77140

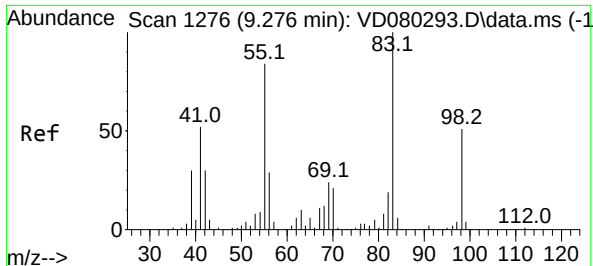
Ion Ratio Lower Upper

117 100

119 96.4 73.4 110.0

121 32.9 24.5 36.7





#39

Methylcyclohexane

Concen: 50.657 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.001 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

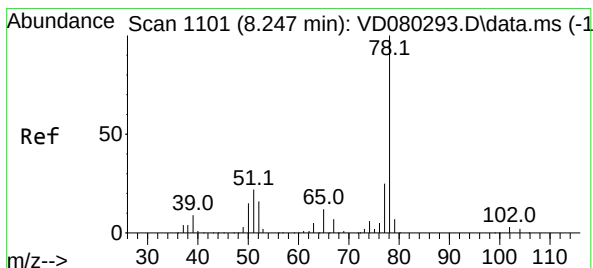
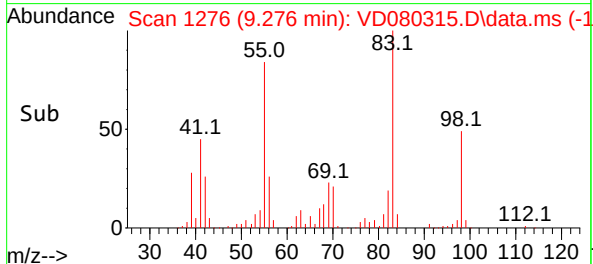
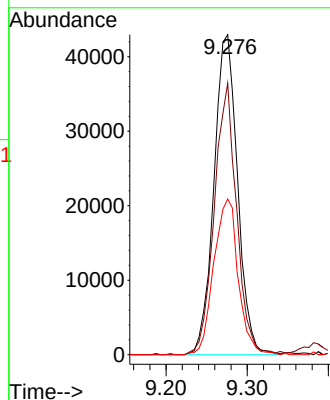
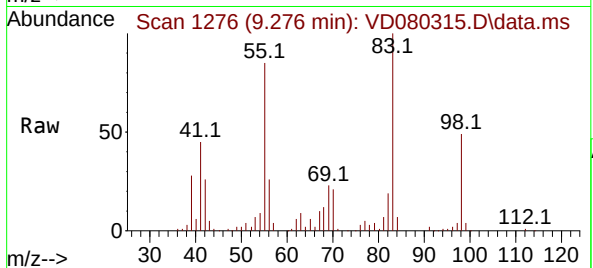
Tgt Ion: 83 Resp: 86915

Ion Ratio Lower Upper

83 100

55 84.8 62.0 93.0

98 48.7 38.7 58.1



#40

Benzene

Concen: 48.437 ug/l

RT: 8.252 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080315.D

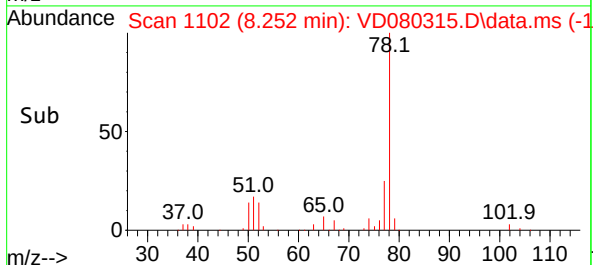
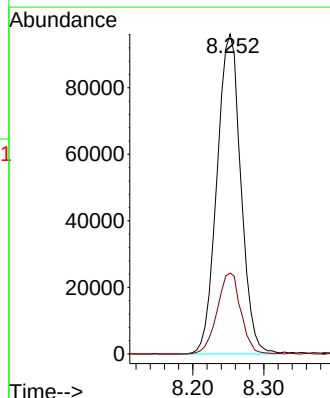
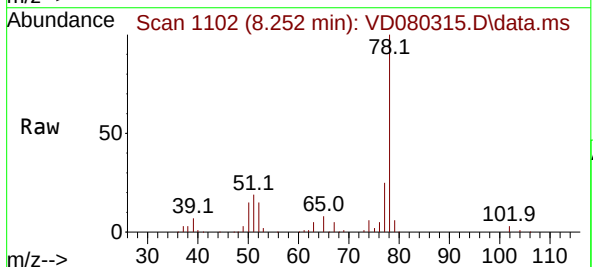
Acq: 13 May 2025 21:36

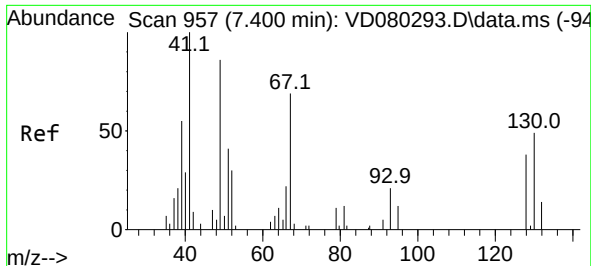
Tgt Ion: 78 Resp: 224407

Ion Ratio Lower Upper

78 100

77 25.3 20.2 30.4



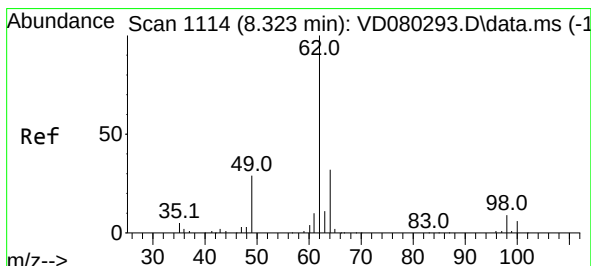
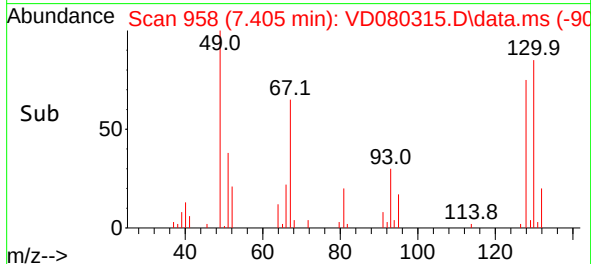
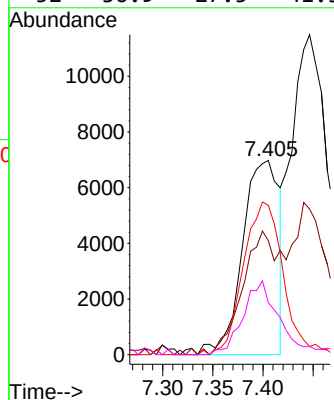
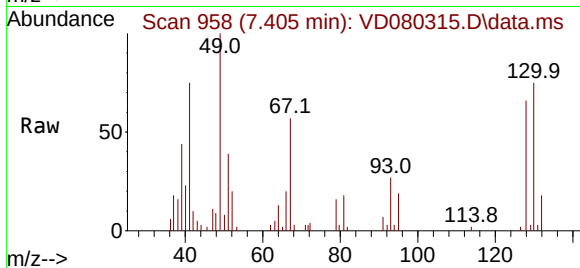


#41
Methacrylonitrile
Concen: 41.748 ug/l
RT: 7.405 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 17863

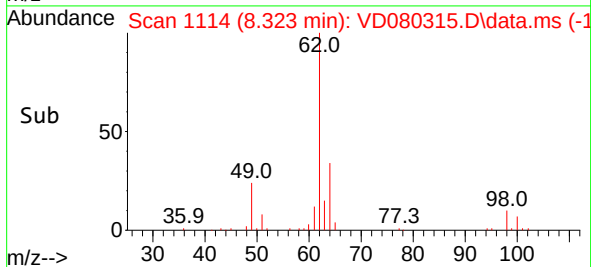
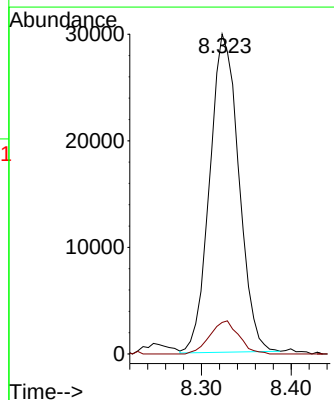
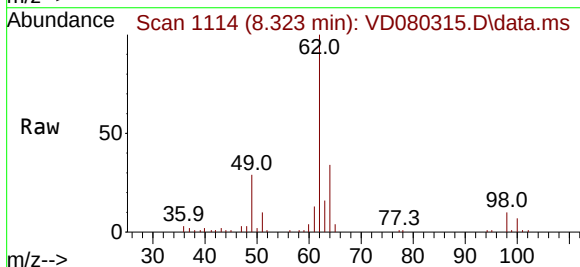
Ion	Ratio	Lower	Upper
41	100		
39	67.3	47.8	71.8
67	84.6	64.9	97.3
52	36.9	27.5	41.3

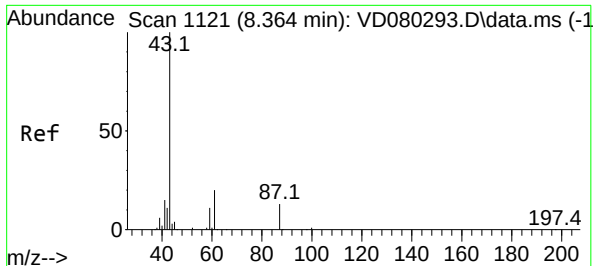


#42
1,2-Dichloroethane
Concen: 50.137 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.005 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion: 62 Resp: 67308

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.8

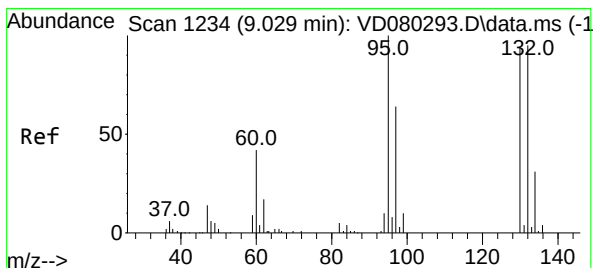
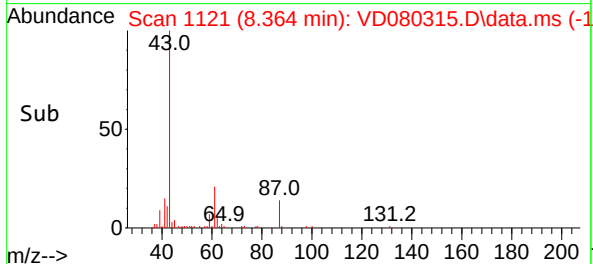
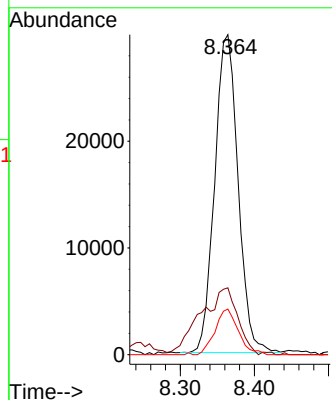
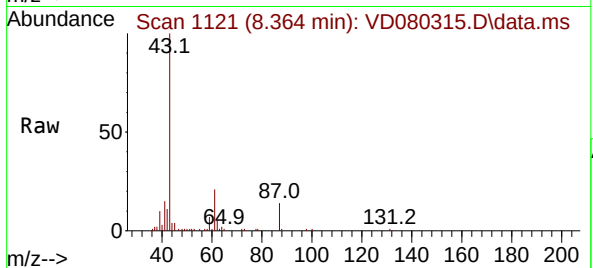




#43
Isopropyl Acetate
Concen: 46.544 ug/l
RT: 8.364 min Scan# 1121
Delta R.T. 0.006 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

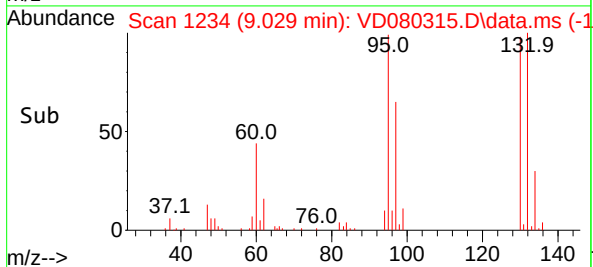
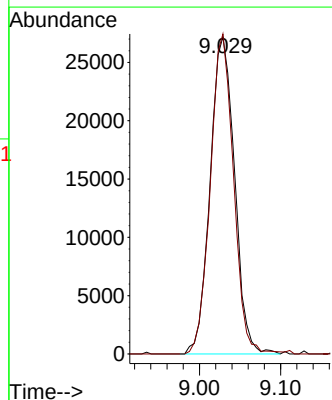
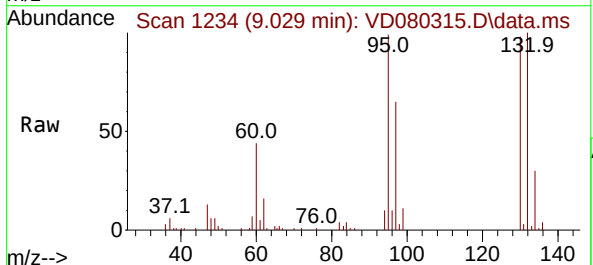
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

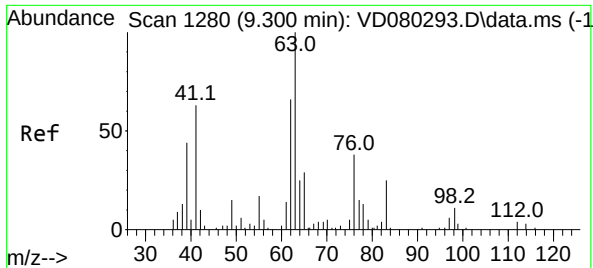
Tgt Ion: 43 Resp: 65256
Ion Ratio Lower Upper
43 100
61 33.5 26.2 39.2
87 14.2 11.8 17.8



#44
Trichloroethene
Concen: 52.818 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.001 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion:130 Resp: 56803
Ion Ratio Lower Upper
130 100
95 100.9 0.0 194.6





#45

1,2-Dichloropropane

Concen: 55.490 ug/l

RT: 9.305 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

Instrument :

MSVOA_D

ClientSampleId :

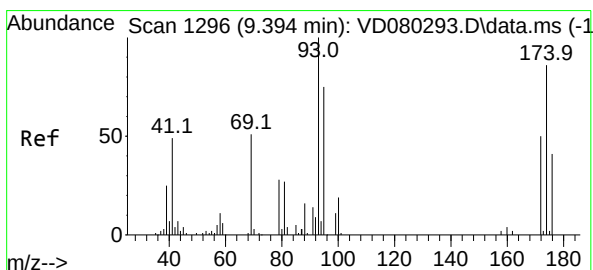
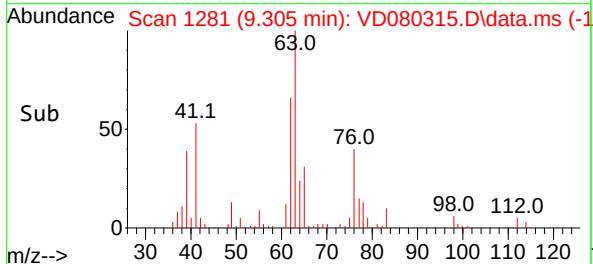
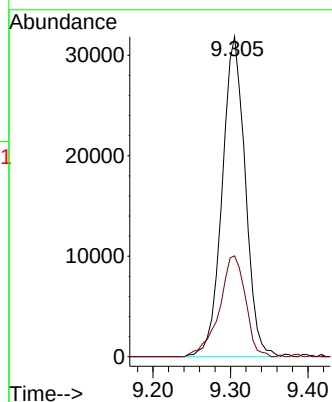
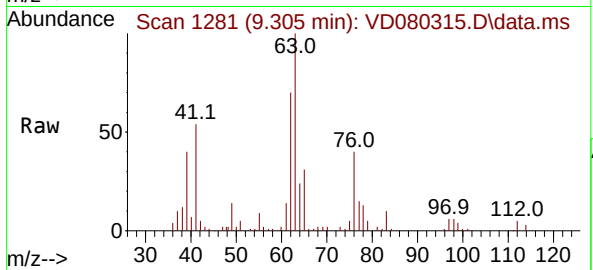
VSTDCCC050EC

Tgt Ion: 63 Resp: 65933

Ion Ratio Lower Upper

63 100

65 31.5 26.2 39.4



#46

Dibromomethane

Concen: 61.060 ug/l

RT: 9.393 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

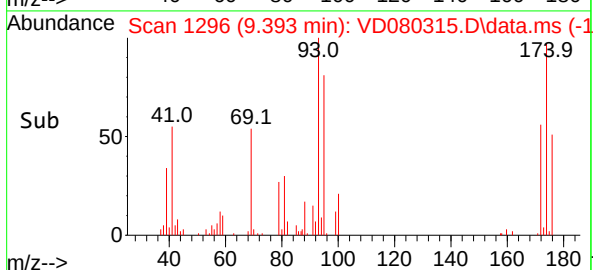
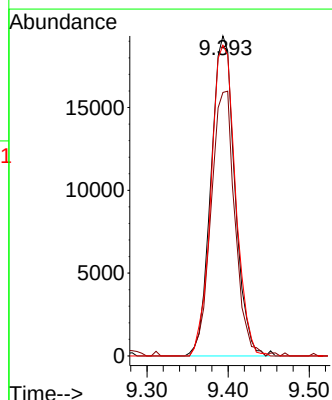
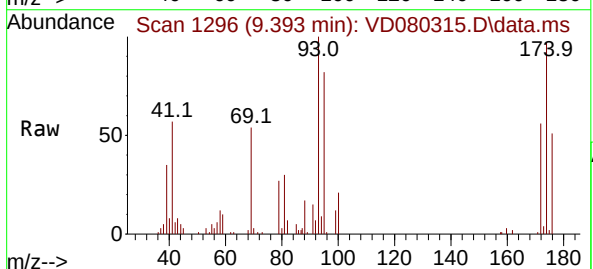
Tgt Ion: 93 Resp: 39501

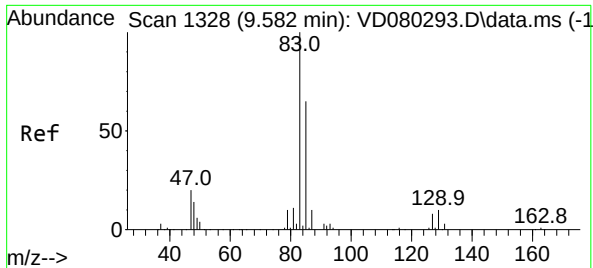
Ion Ratio Lower Upper

93 100

95 82.4 67.9 101.9

174 99.1 80.5 120.7

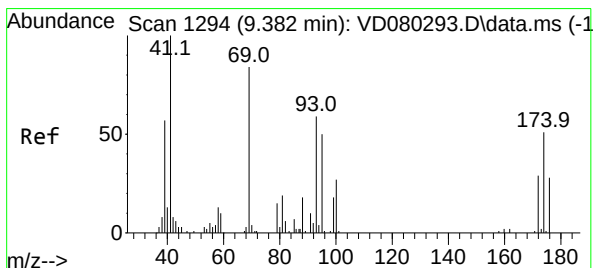
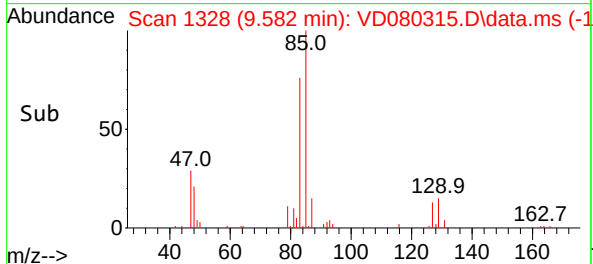
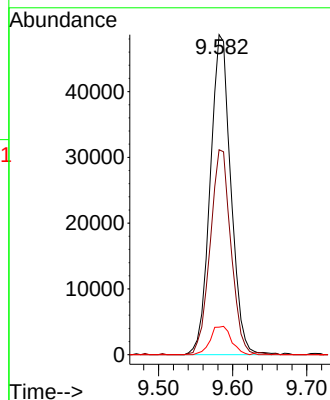
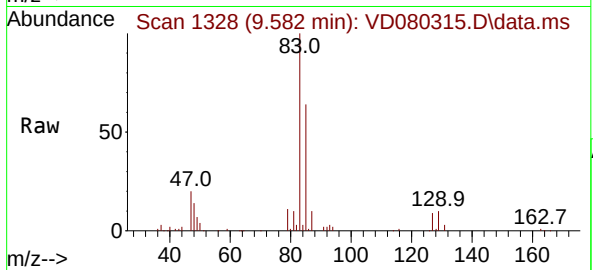




#47
Bromodichloromethane
Concen: 57.319 ug/l
RT: 9.582 min Scan# 1
Delta R.T. -0.005 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

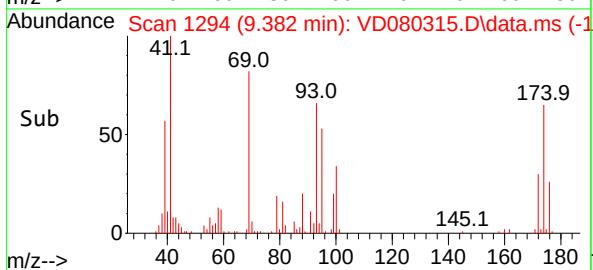
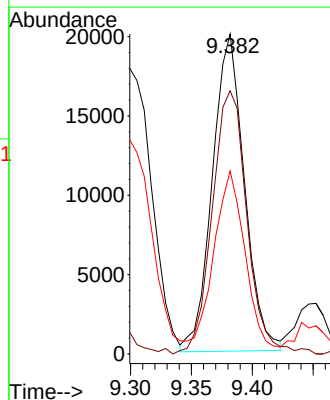
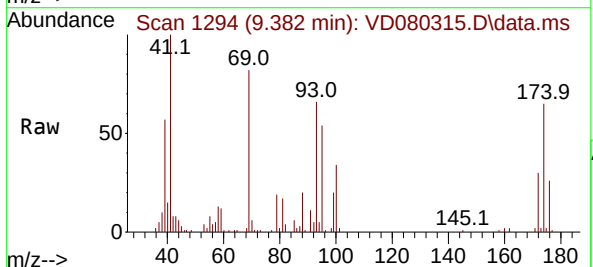
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

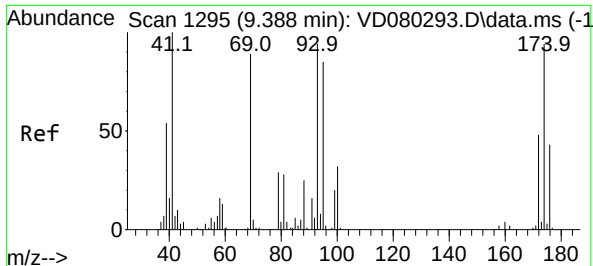
Tgt Ion: 83 Resp: 94118
Ion Ratio Lower Upper
83 100
85 64.0 50.6 75.8
127 8.6 6.1 9.1



#48
Methyl methacrylate
Concen: 54.930 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.001 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion: 41 Resp: 36593
Ion Ratio Lower Upper
41 100
69 90.0 74.0 111.0
39 56.2 41.9 62.9





#49

1,4-Dioxane

Concen: 1205.649 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. 0.001 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

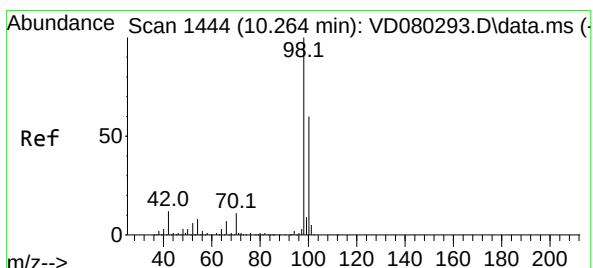
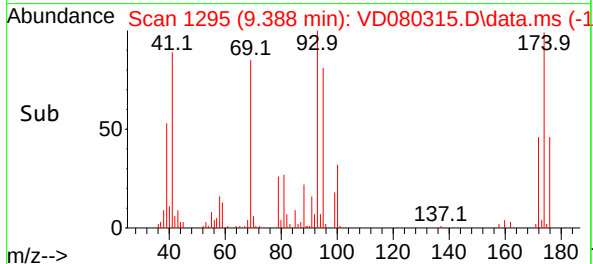
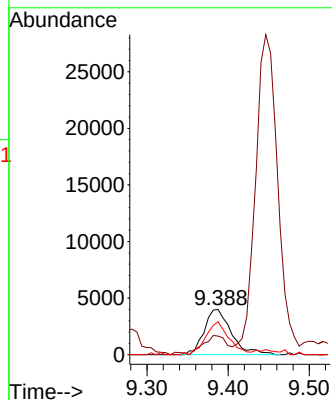
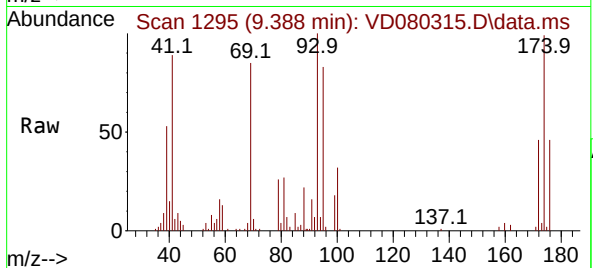
Tgt Ion: 88 Resp: 9273

Ion Ratio Lower Upper

88 100

43 36.6 29.1 43.7

58 62.8 59.9 89.9



#50

Toluene-d8

Concen: 52.885 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.001 min

Lab File: VD080315.D

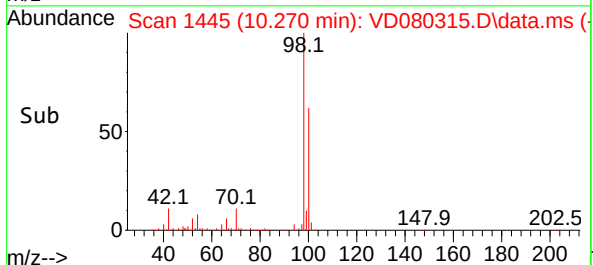
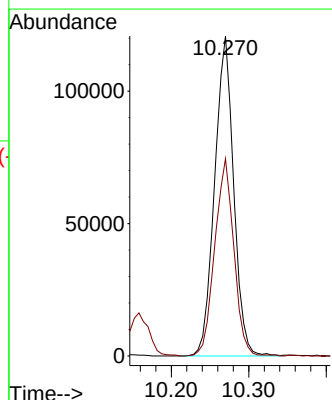
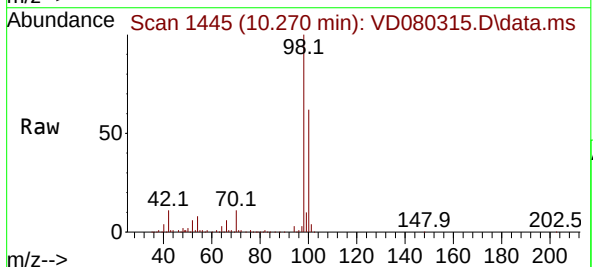
Acq: 13 May 2025 21:36

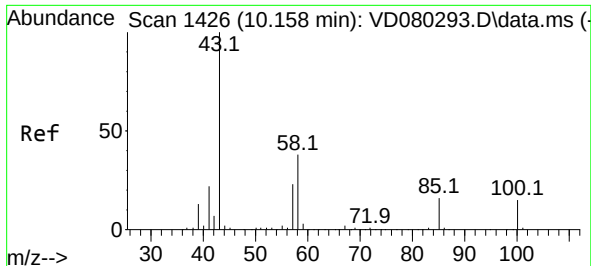
Tgt Ion: 98 Resp: 206151

Ion Ratio Lower Upper

98 100

100 62.0 50.2 75.4

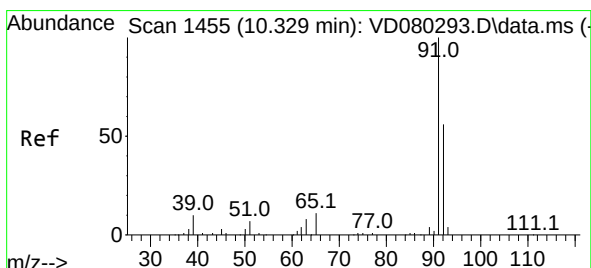
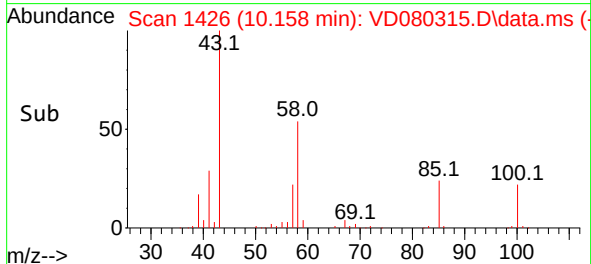
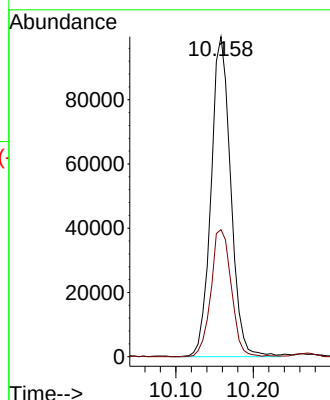
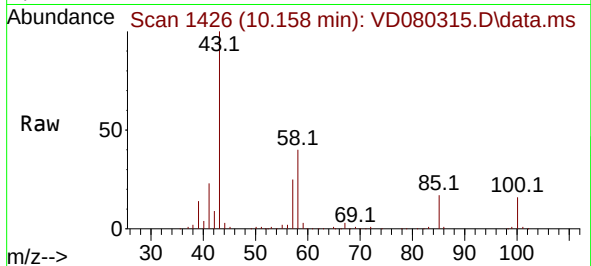




#51
4-Methyl-2-Pentanone
Concen: 244.328 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.001 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

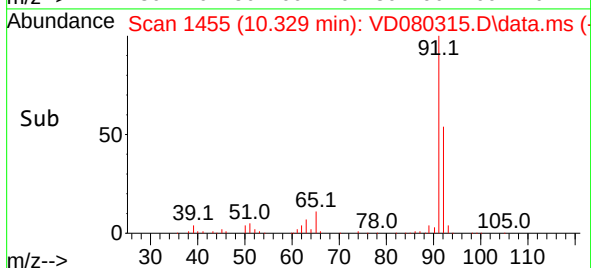
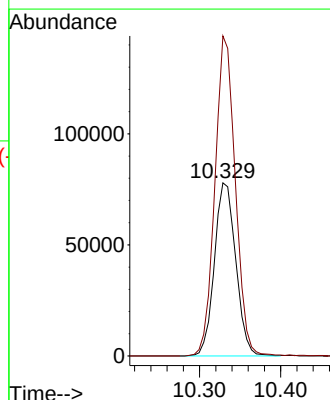
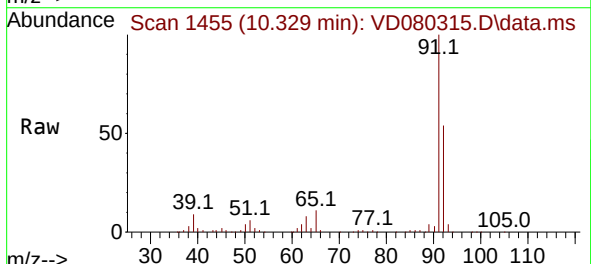
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

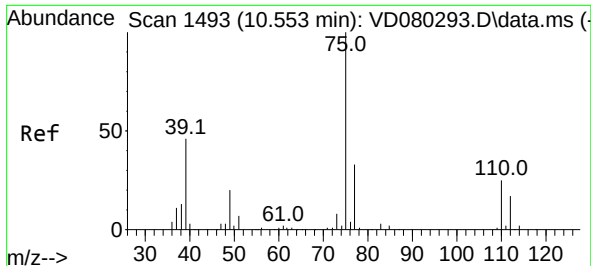
Tgt Ion: 43 Resp: 176502
Ion Ratio Lower Upper
43 100
58 40.8 32.8 49.2



#52
Toluene
Concen: 51.133 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. -0.005 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion: 92 Resp: 142719
Ion Ratio Lower Upper
92 100
91 177.3 139.3 208.9

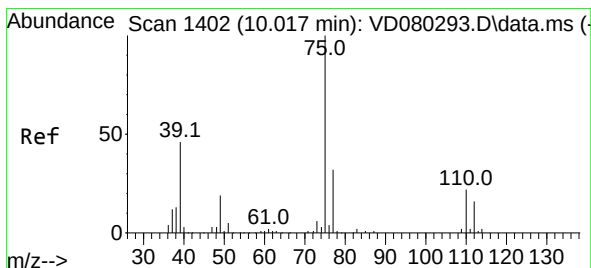
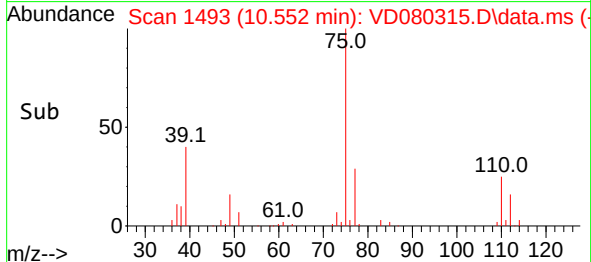
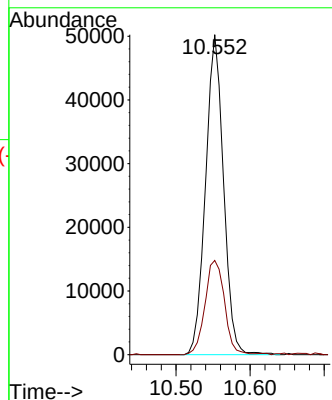
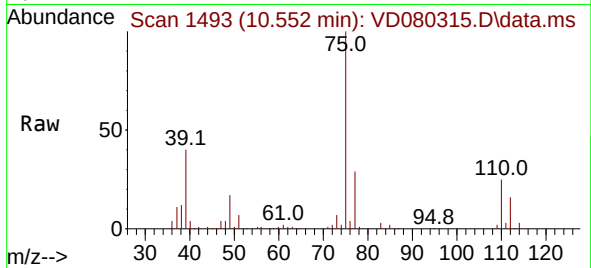




#53
 t-1,3-Dichloropropene
 Concen: 56.517 ug/l
 RT: 10.552 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VD080315.D
 Acq: 13 May 2025 21:36

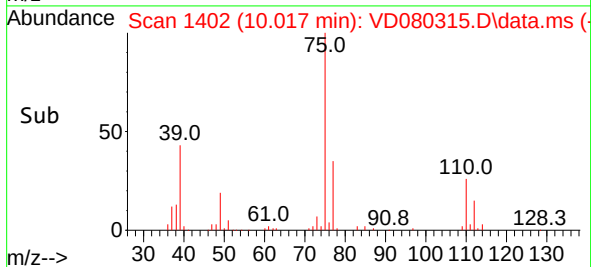
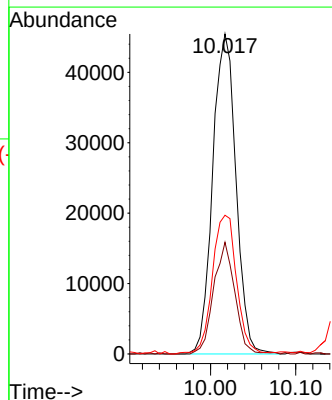
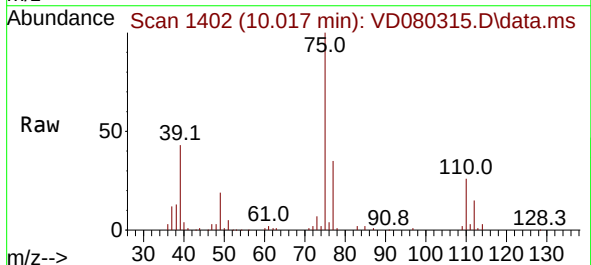
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

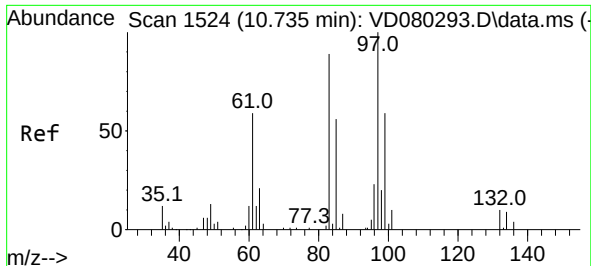
Tgt Ion: 75 Resp: 84600
 Ion Ratio Lower Upper
 75 100
 77 29.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 49.736 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.001 min
 Lab File: VD080315.D
 Acq: 13 May 2025 21:36

Tgt Ion: 75 Resp: 86273
 Ion Ratio Lower Upper
 75 100
 77 34.9 25.0 37.4
 39 42.9 33.2 49.8

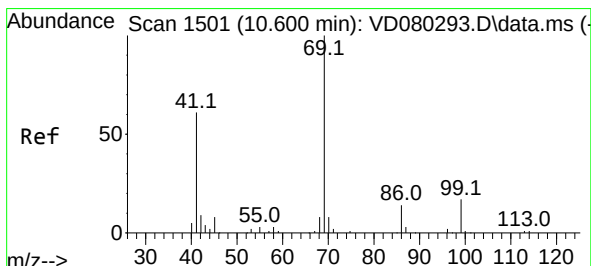
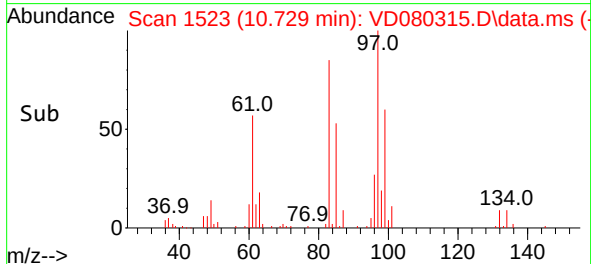
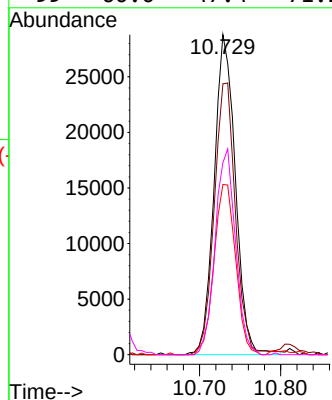
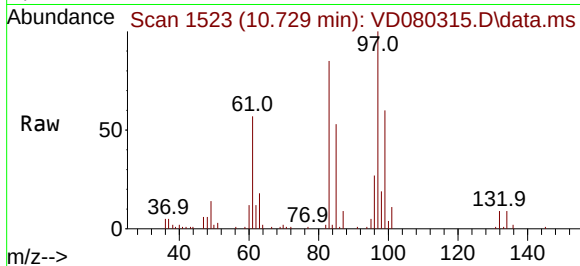




#55
1,1,2-Trichloroethane
Concen: 61.201 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. -0.005 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

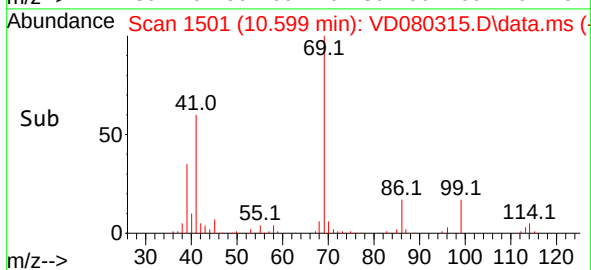
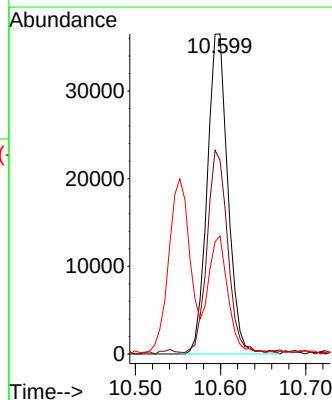
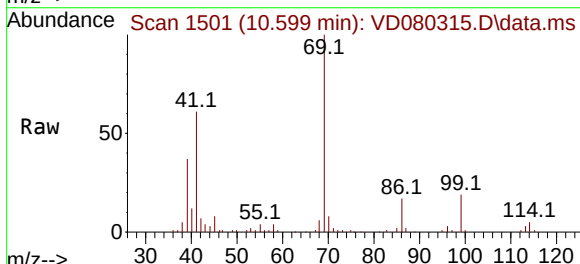
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

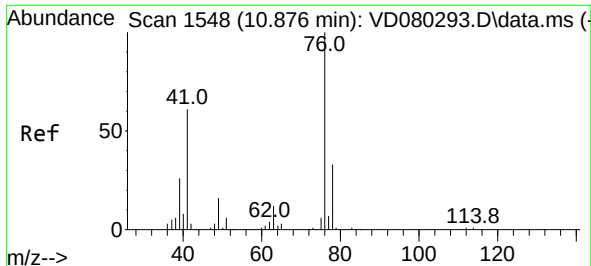
Tgt Ion: 97	Resp: 52371
Ion Ratio	Lower Upper
97 100	
83 84.6	69.2 103.8
85 53.2	43.0 64.6
99 60.0	47.4 71.2



#56
Ethyl methacrylate
Concen: 59.471 ug/l
RT: 10.599 min Scan# 1501
Delta R.T. 0.000 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion: 69	Resp: 61666
Ion Ratio	Lower Upper
69 100	
41 62.5	50.4 75.6
39 34.3	26.0 39.0





#57

1,3-Dichloropropane

Concen: 58.305 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. -0.005 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

Instrument :

MSVOA_D

ClientSampleId :

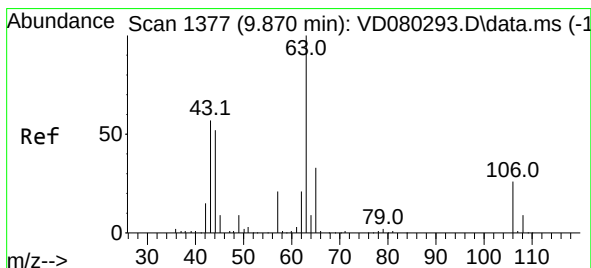
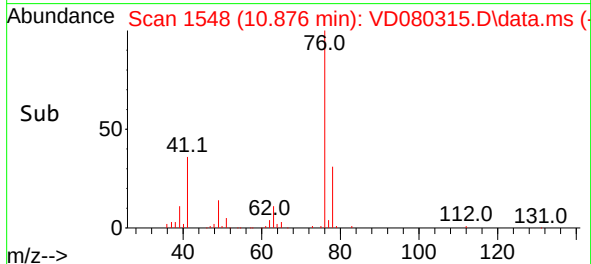
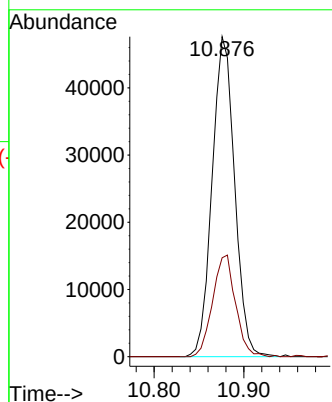
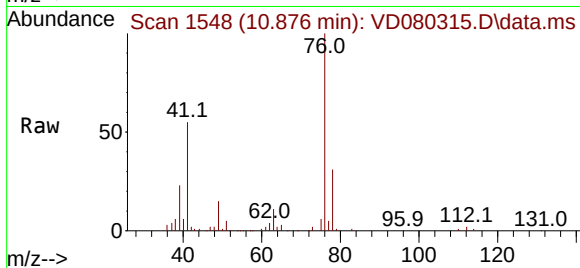
VSTDCCC050EC

Tgt Ion: 76 Resp: 82921

Ion Ratio Lower Upper

76 100

78 32.3 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 286.230 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VD080315.D

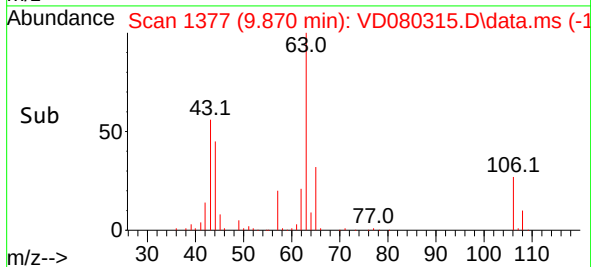
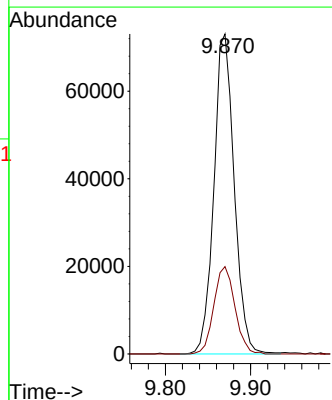
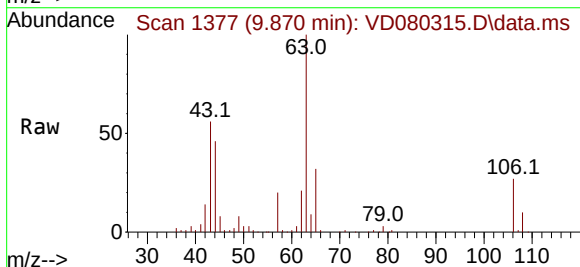
Acq: 13 May 2025 21:36

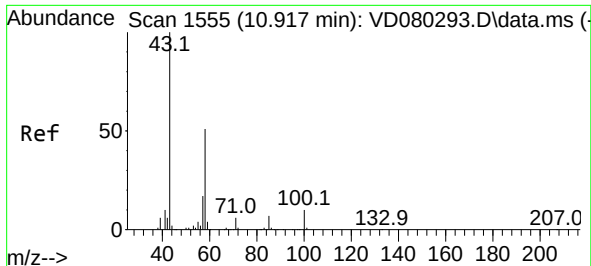
Tgt Ion: 63 Resp: 121462

Ion Ratio Lower Upper

63 100

106 28.2 21.8 32.6

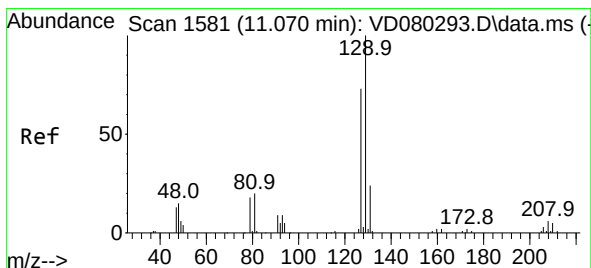
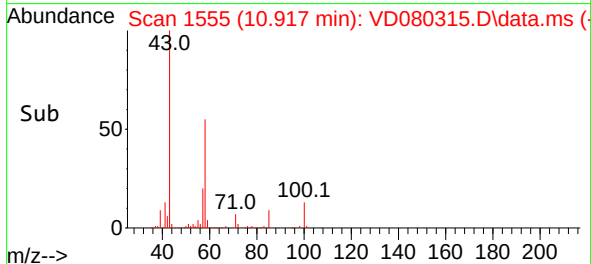
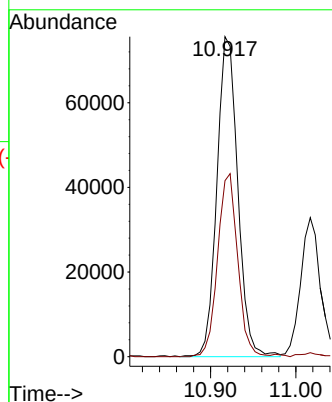
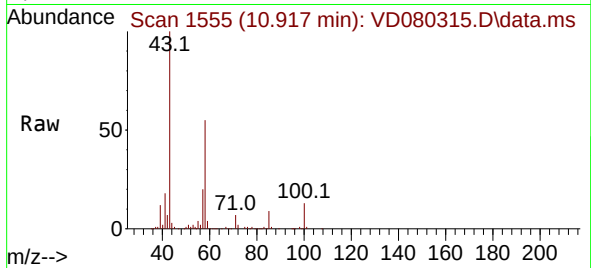




#59
2-Hexanone
Concen: 259.283 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.001 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

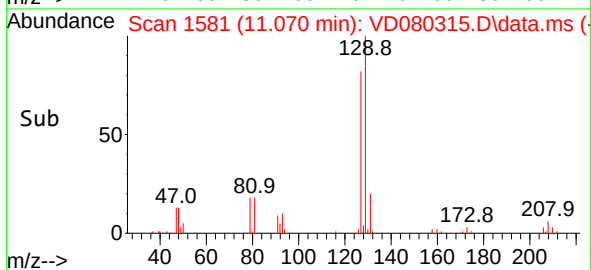
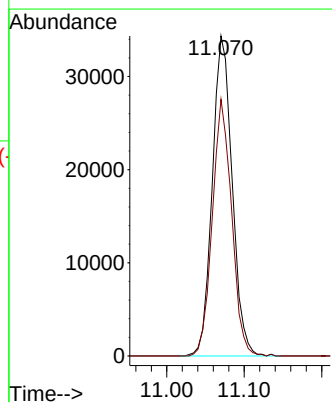
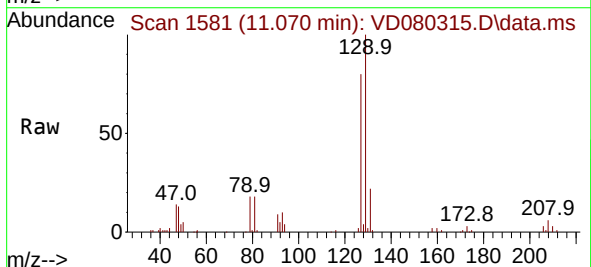
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

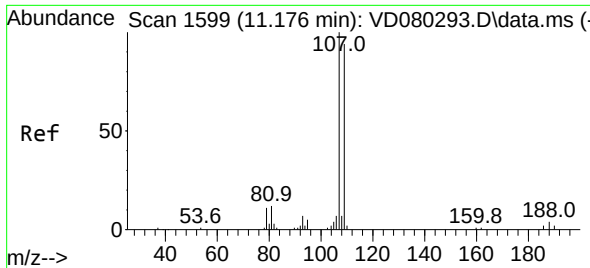
Tgt Ion: 43 Resp: 128848
Ion Ratio Lower Upper
43 100
58 54.9 27.8 83.4



#60
Dibromochloromethane
Concen: 57.211 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.005 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion: 129 Resp: 61352
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2

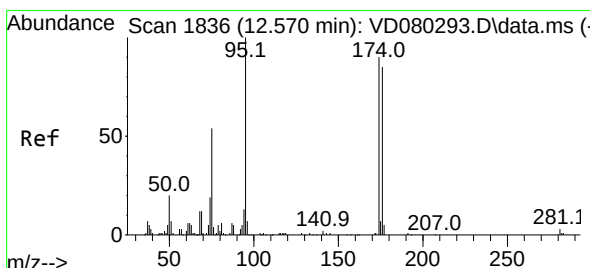
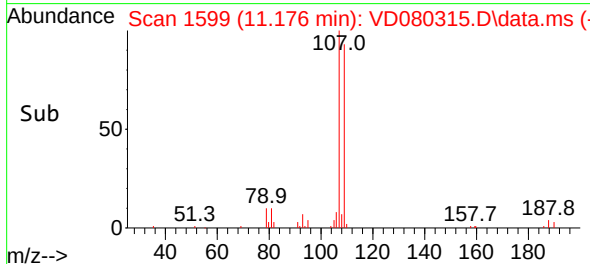
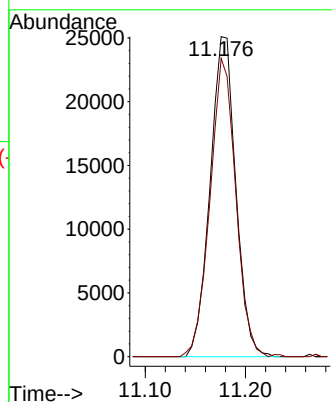
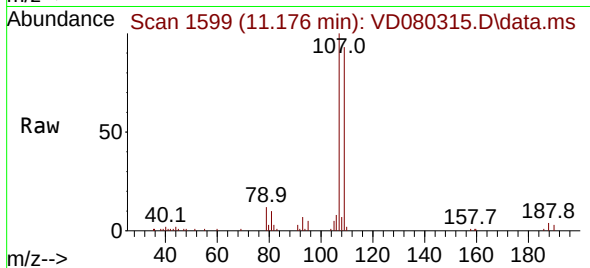




#61
1,2-Dibromoethane
Concen: 56.402 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.005 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

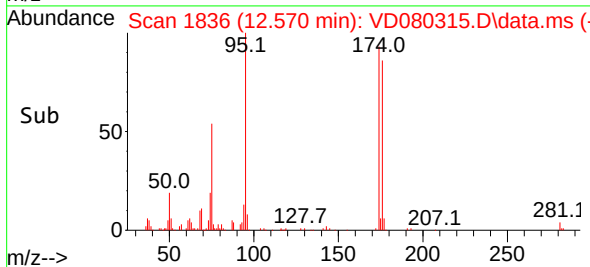
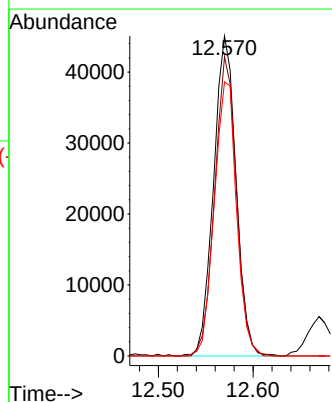
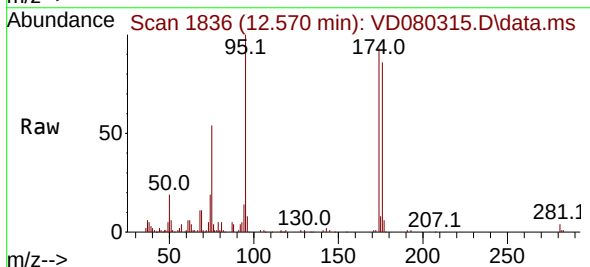
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

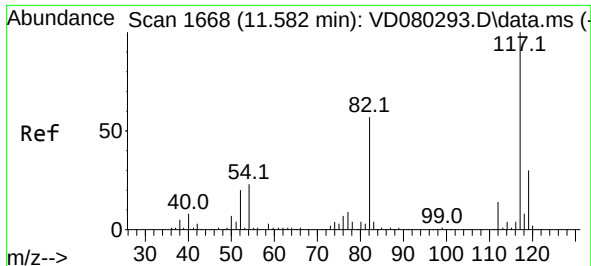
Tgt Ion:107 Resp: 44754
Ion Ratio Lower Upper
107 100
109 93.2 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 59.421 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion: 95 Resp: 74346
Ion Ratio Lower Upper
95 100
174 90.7 0.0 173.4
176 85.0 0.0 166.6

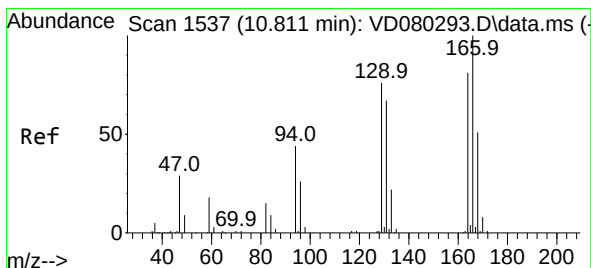
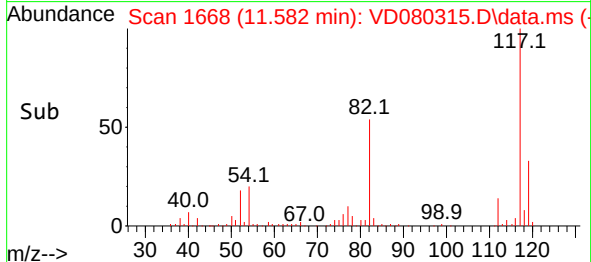
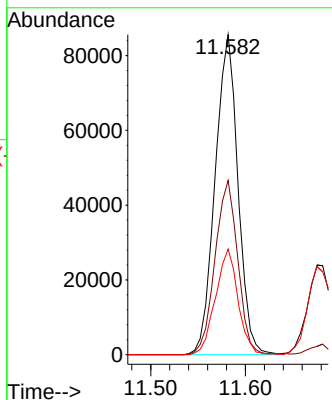
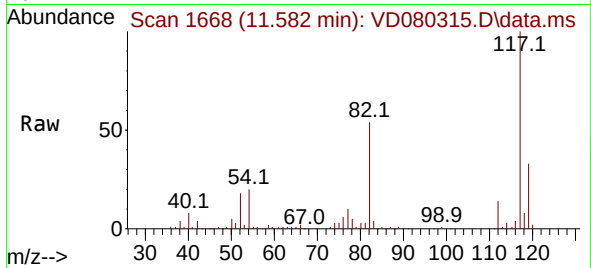




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

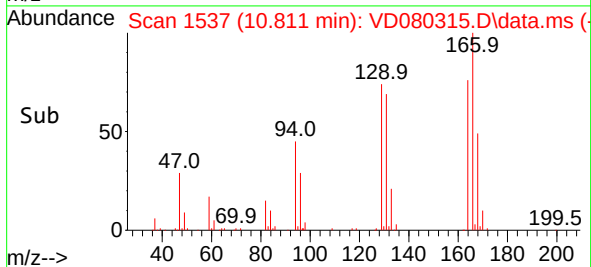
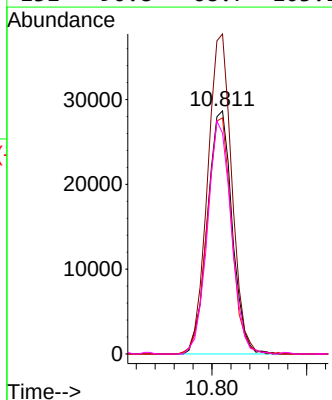
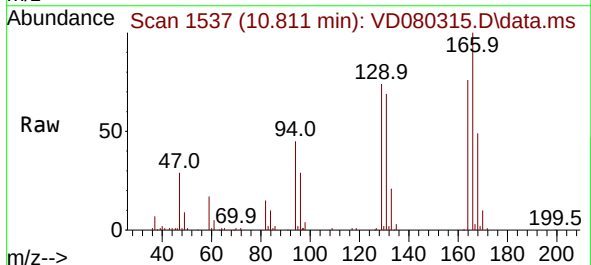
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

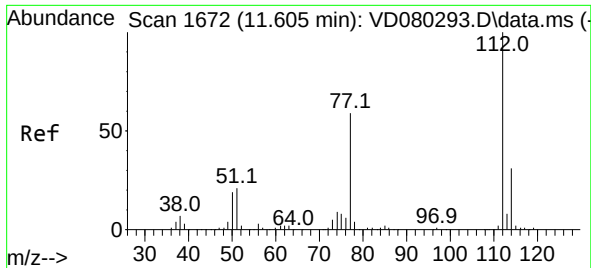
Tgt Ion:117 Resp: 143607
Ion Ratio Lower Upper
117 100
82 54.5 45.8 68.6
119 33.0 26.2 39.2



#64
Tetrachloroethene
Concen: 53.538 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. 0.001 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion:164 Resp: 52065
Ion Ratio Lower Upper
164 100
166 131.7 97.5 146.3
129 97.2 70.6 106.0
131 90.8 68.7 103.1

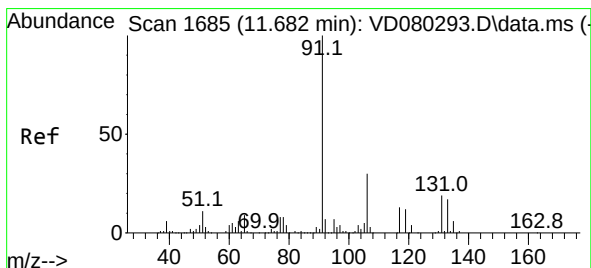
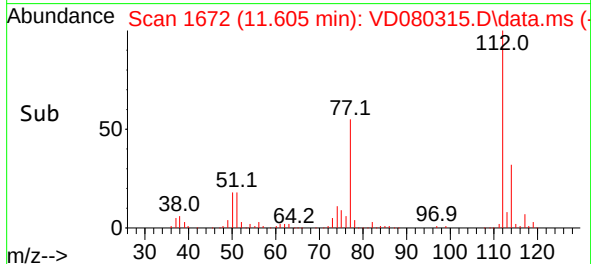
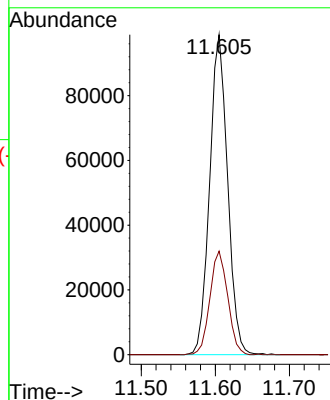
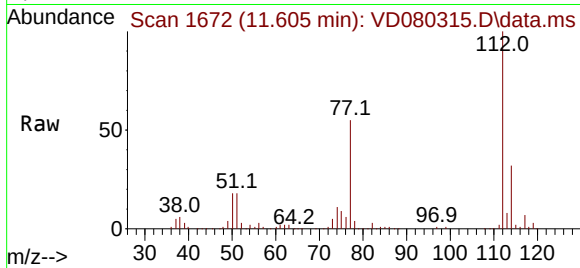




#65
Chlorobenzene
Concen: 51.249 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.001 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

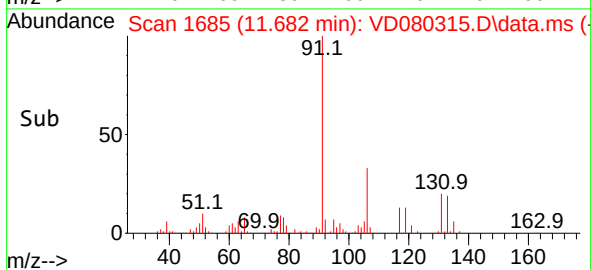
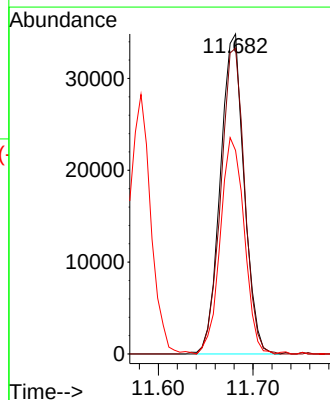
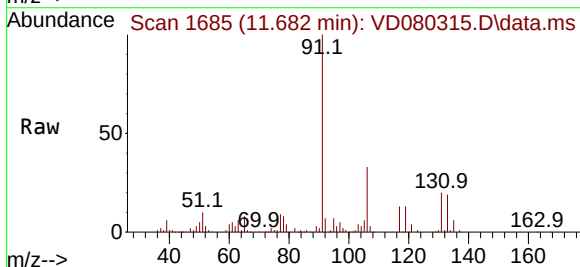
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

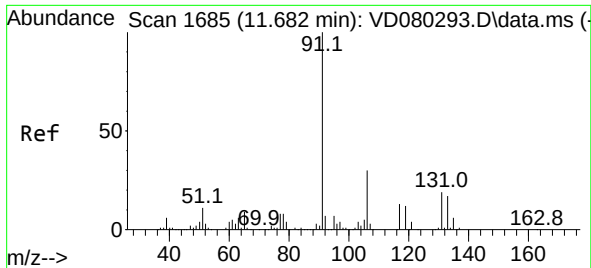
Tgt Ion:112 Resp: 166180
Ion Ratio Lower Upper
112 100
114 32.4 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 54.610 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.001 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion:131 Resp: 60837
Ion Ratio Lower Upper
131 100
133 95.4 48.8 146.4
119 67.9 34.8 104.3

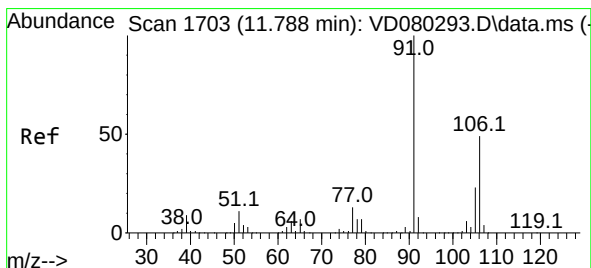
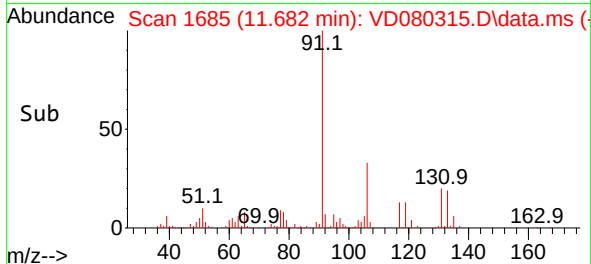
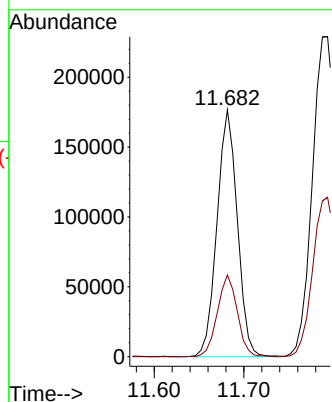
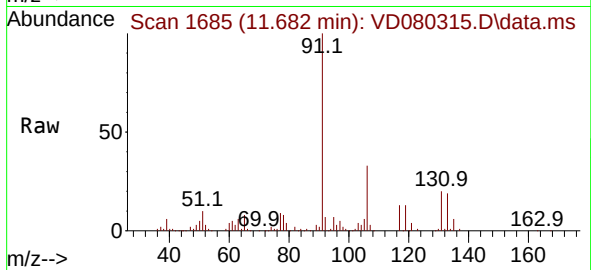




#67
Ethyl Benzene
Concen: 51.206 ug/l
RT: 11.682 min Scan# 11685
Delta R.T. 0.001 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

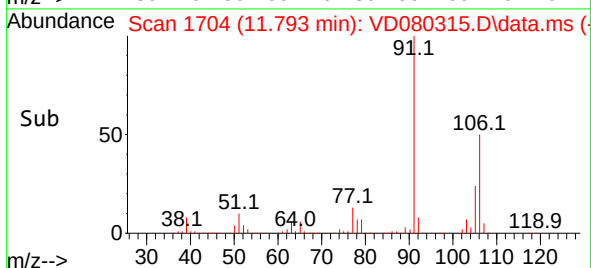
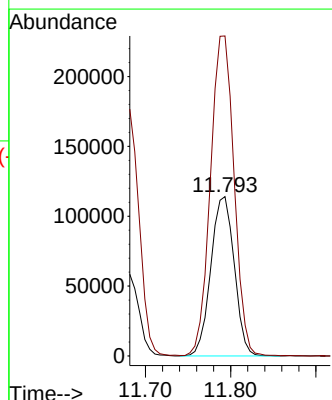
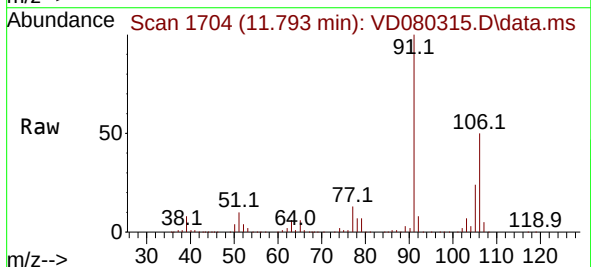
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

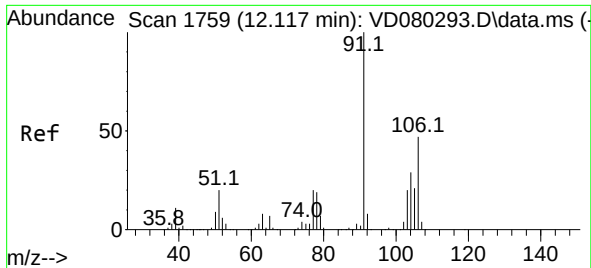
Tgt Ion: 91 Resp: 277473
Ion Ratio Lower Upper
91 100
106 33.1 23.6 35.4



#68
m/p-Xylenes
Concen: 103.468 ug/l
RT: 11.793 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion:106 Resp: 217698
Ion Ratio Lower Upper
106 100
91 203.0 162.6 244.0

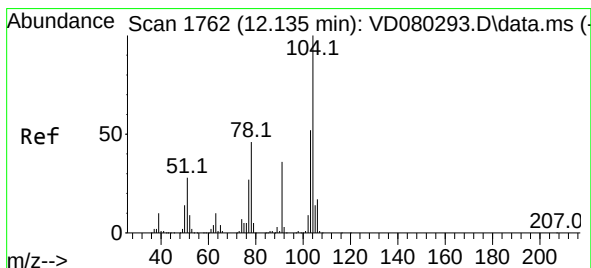
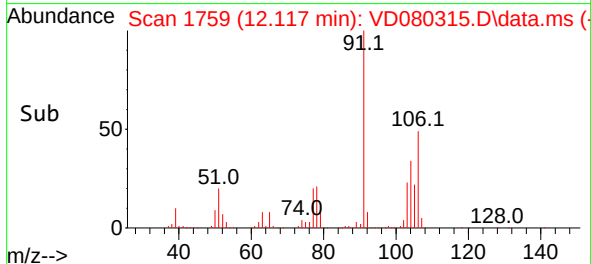
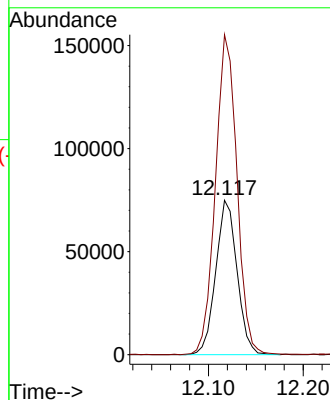
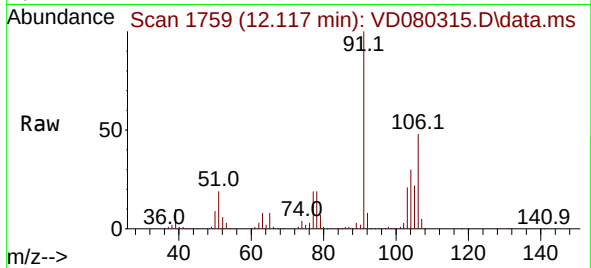




#69
o-Xylene
Concen: 60.861 ug/l
RT: 12.117 min Scan# 117013
Delta R.T. 0.001 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

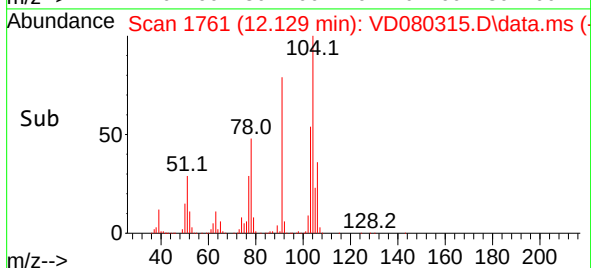
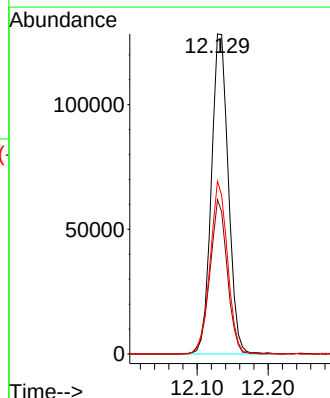
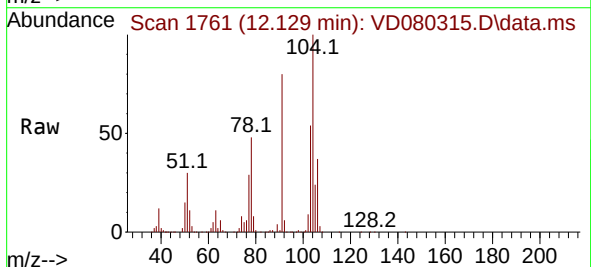
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

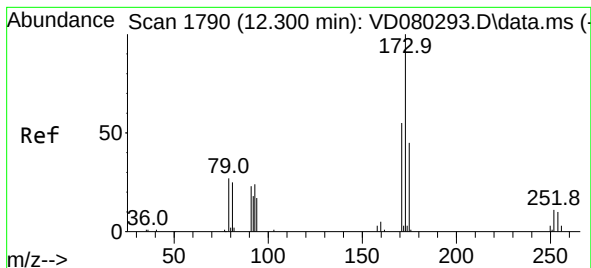
Tgt Ion:106 Resp: 117013
Ion Ratio Lower Upper
106 100
91 210.0 110.5 331.5



#70
Styrene
Concen: 61.725 ug/l
RT: 12.129 min Scan# 1761
Delta R.T. -0.005 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion:104 Resp: 213097
Ion Ratio Lower Upper
104 100
78 49.0 39.8 59.8
103 55.5 45.2 67.8





#71

Bromoform

Concen: 59.215 ug/l

RT: 12.299 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

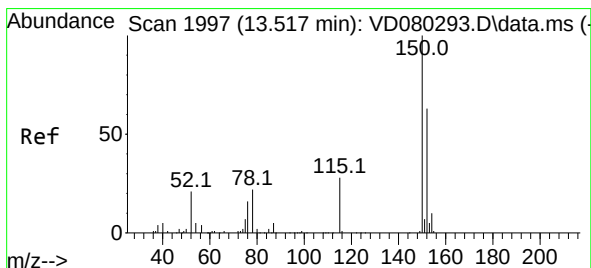
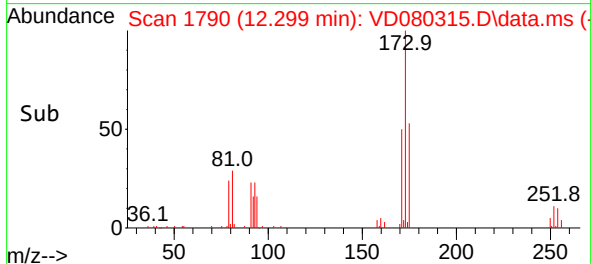
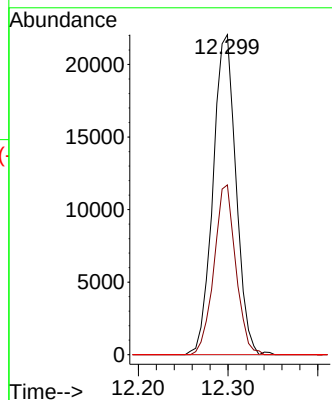
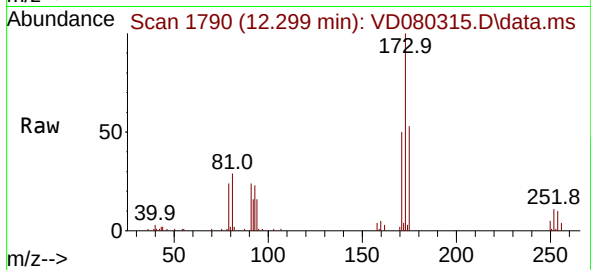
Tgt Ion:173 Resp: 39193

Ion Ratio Lower Upper

173 100

175 50.3 24.8 74.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.511 min Scan# 1996

Delta R.T. -0.005 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

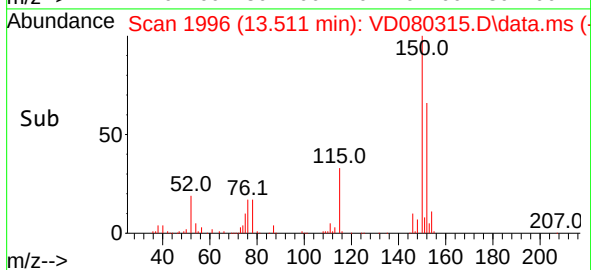
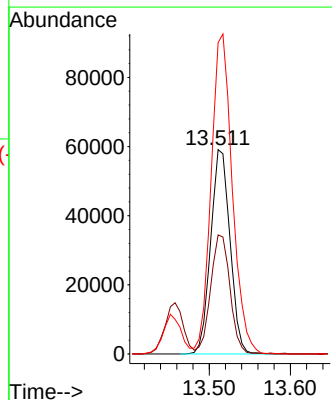
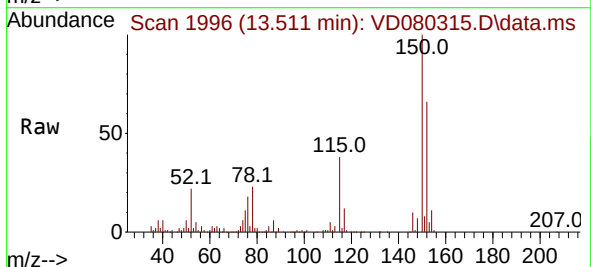
Tgt Ion:152 Resp: 97877

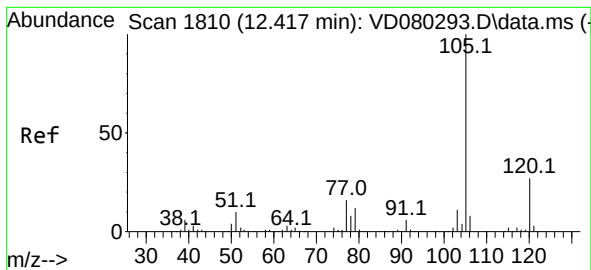
Ion Ratio Lower Upper

152 100

115 58.4 28.9 86.8

150 171.7 0.0 354.8





#73

Isopropylbenzene

Concen: 44.615 ug/l

RT: 12.417 min Scan# 1810

Delta R.T. -0.005 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

Instrument :

MSVOA_D

ClientSampleId :

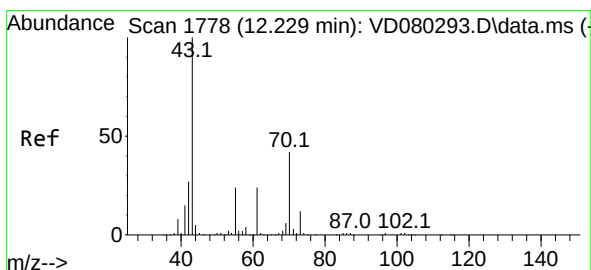
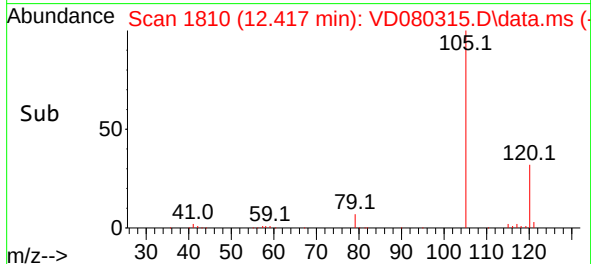
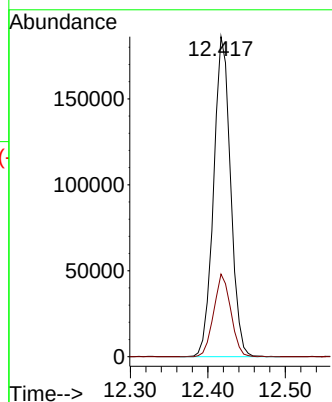
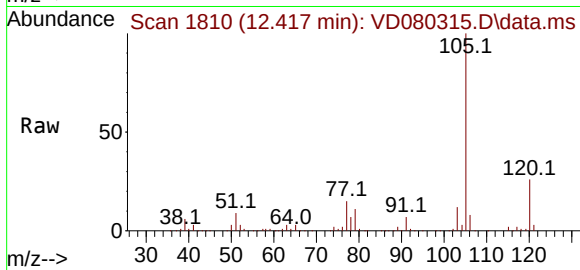
VSTDCCC050EC

Tgt Ion:105 Resp: 283268

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.9



#74

N-ethyl acetate

Concen: 40.422 ug/l

RT: 12.229 min Scan# 1778

Delta R.T. -0.005 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

Tgt Ion: 43 Resp: 73659

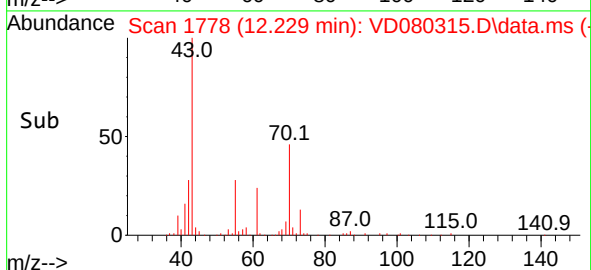
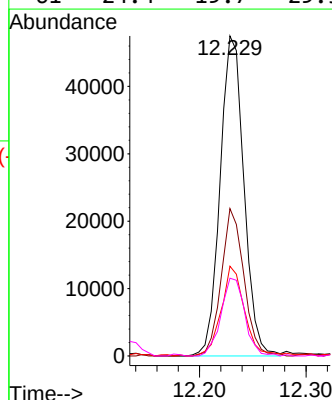
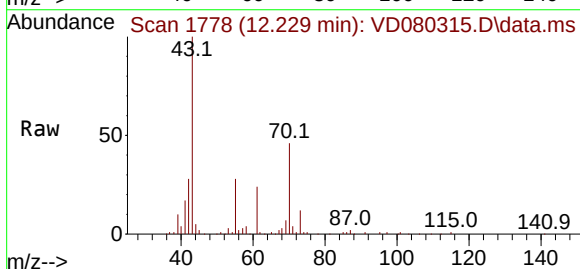
Ion Ratio Lower Upper

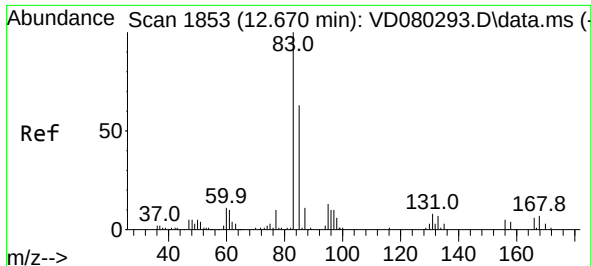
43 100

70 43.8 36.3 54.5

55 28.0 20.3 30.5

61 24.4 19.7 29.5

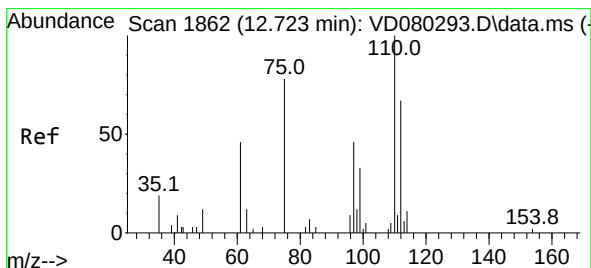
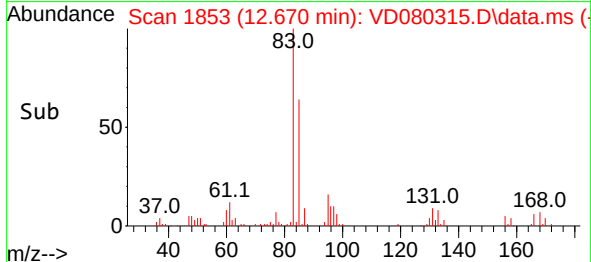
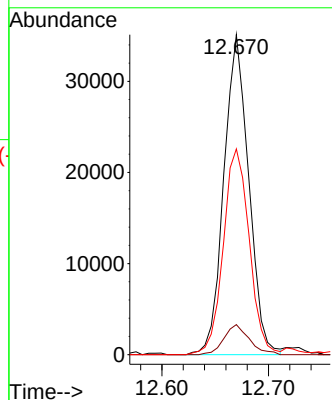
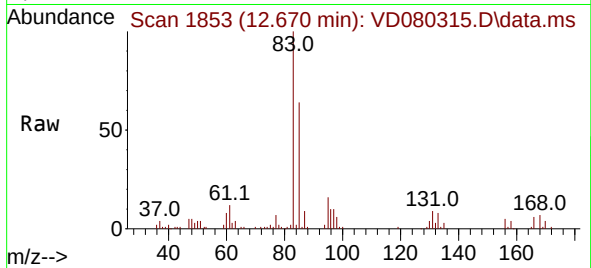




#75
 1,1,2,2-Tetrachloroethane
 Concen: 40.819 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.001 min
 Lab File: VD080315.D
 Acq: 13 May 2025 21:36

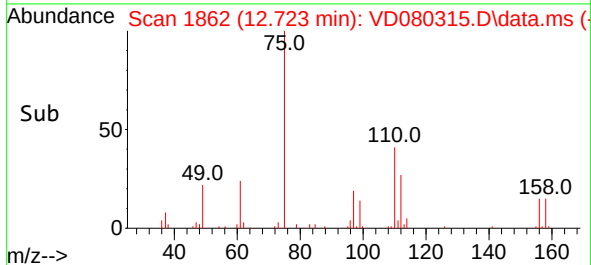
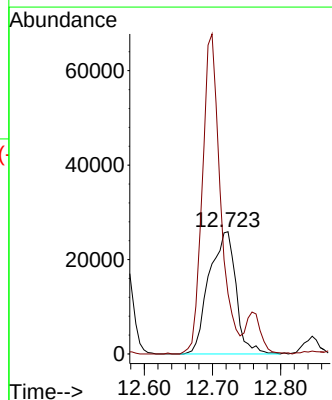
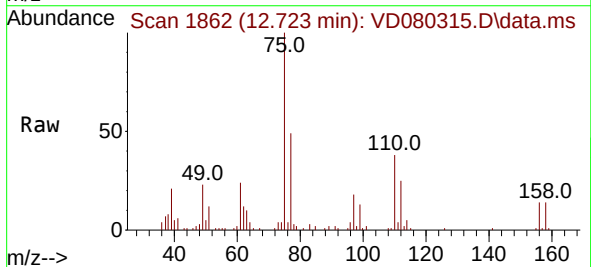
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

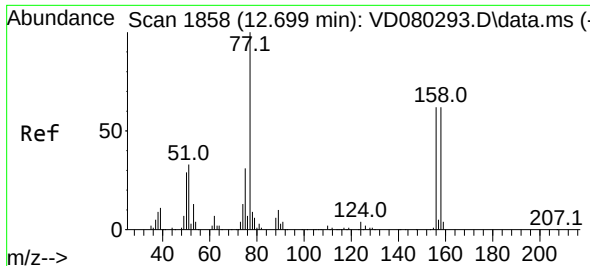
Tgt Ion: 83 Resp: 56992
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.1 15.3
 85 67.2 32.9 98.6



#76
 1,2,3-Trichloropropane
 Concen: 75.072 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.001 min
 Lab File: VD080315.D
 Acq: 13 May 2025 21:36

Tgt Ion: 75 Resp: 70916
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

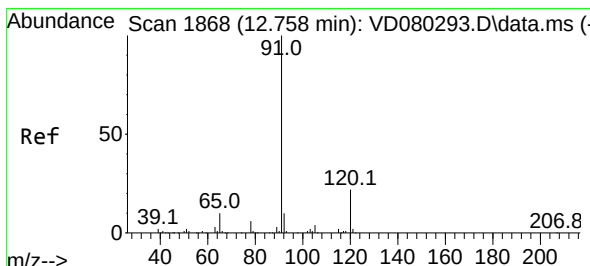
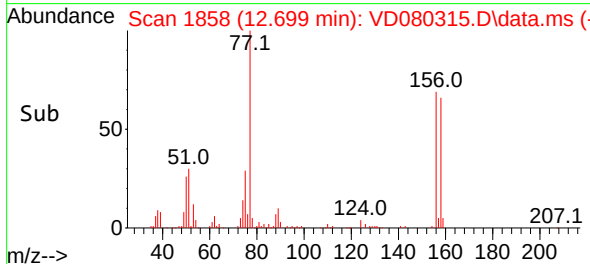
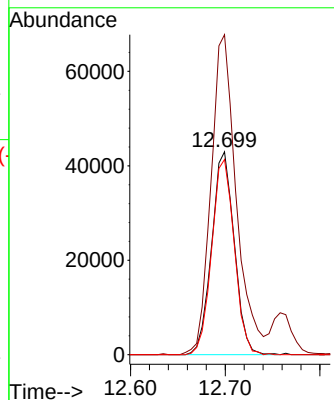
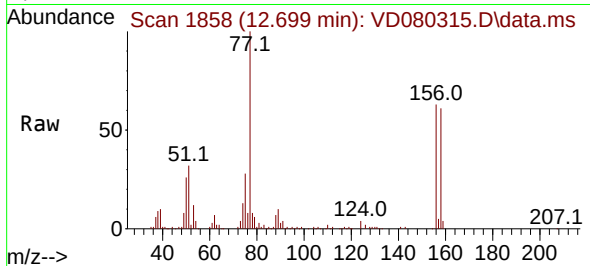




#77
Bromobenzene
Concen: 43.267 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

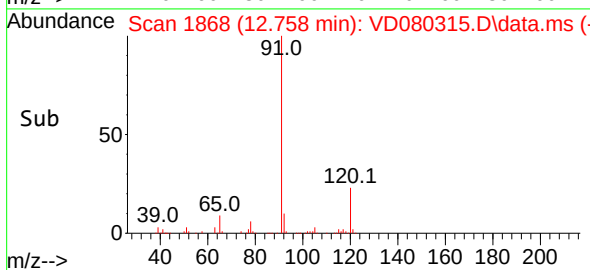
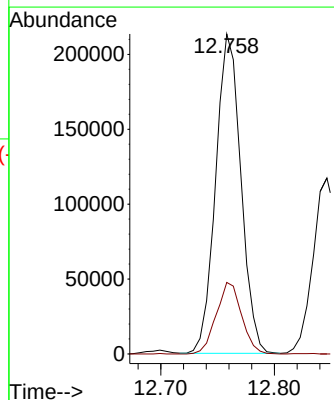
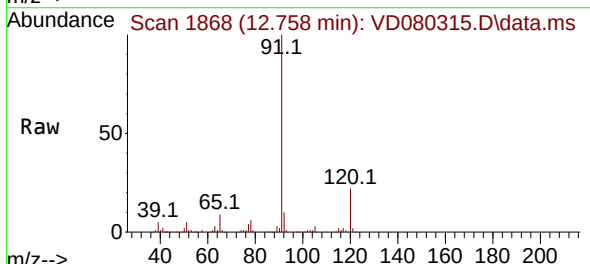
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

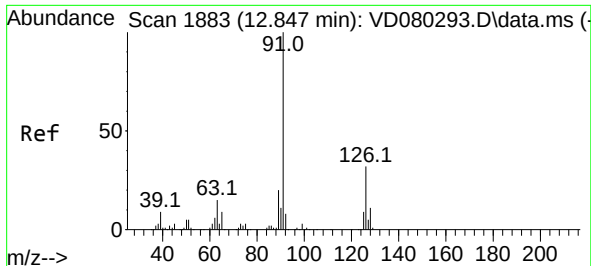
Tgt Ion:156 Resp: 71256
Ion Ratio Lower Upper
156 100
77 176.0 89.8 269.6
158 96.0 47.9 143.8



#78
n-propylbenzene
Concen: 41.295 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. -0.005 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion: 91 Resp: 329024
Ion Ratio Lower Upper
91 100
120 22.5 11.2 33.5

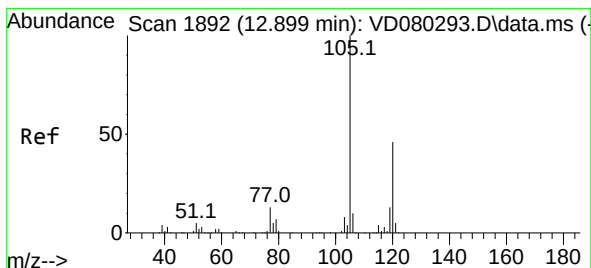
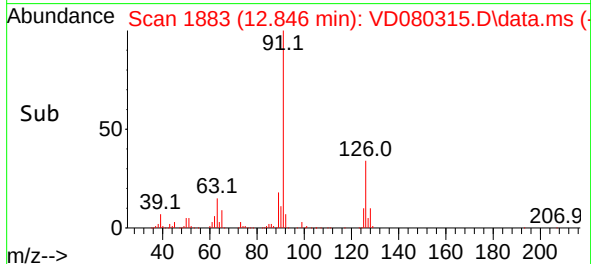
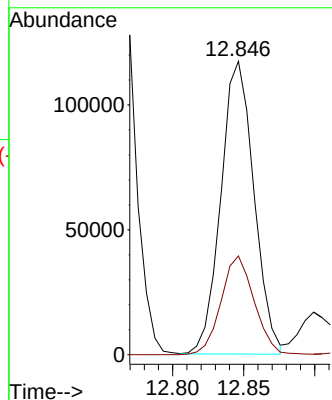
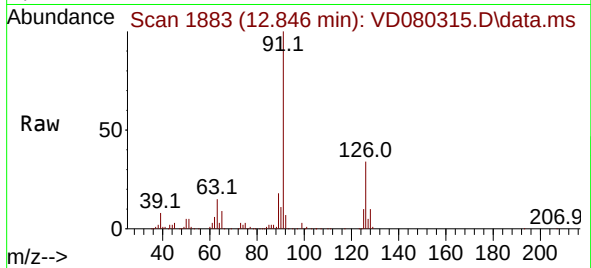




#79
2-Chlorotoluene
Concen: 41.016 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

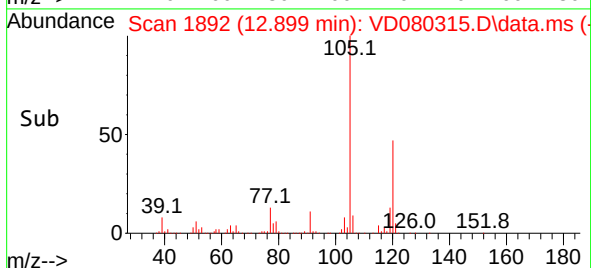
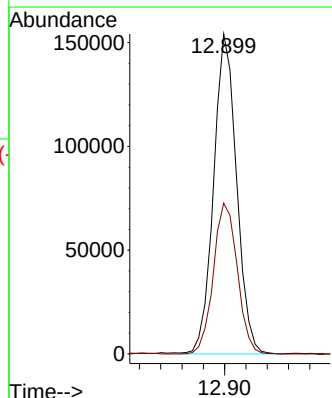
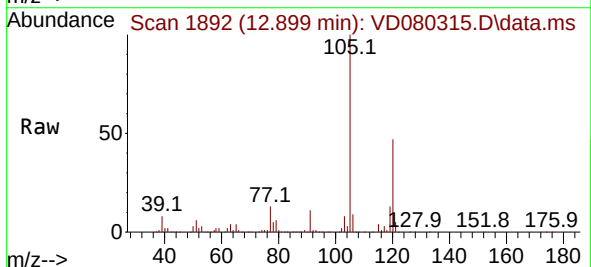
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

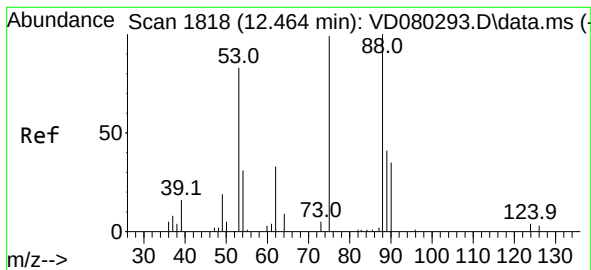
Tgt Ion: 91 Resp: 190089
Ion Ratio Lower Upper
91 100
126 33.8 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 42.599 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.005 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion: 105 Resp: 230688
Ion Ratio Lower Upper
105 100
120 49.1 25.0 75.0

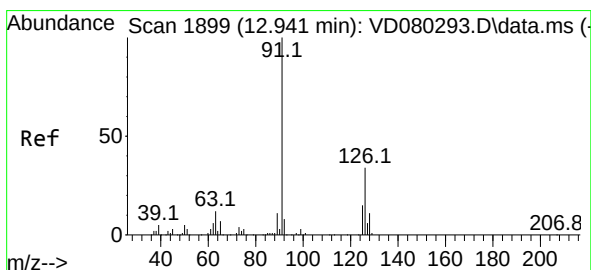
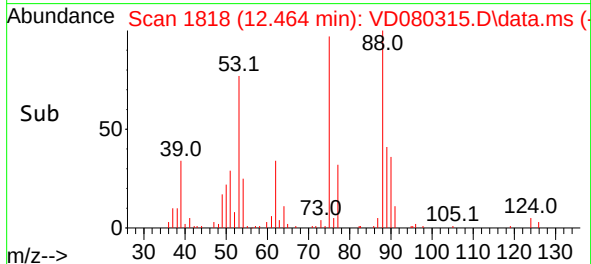
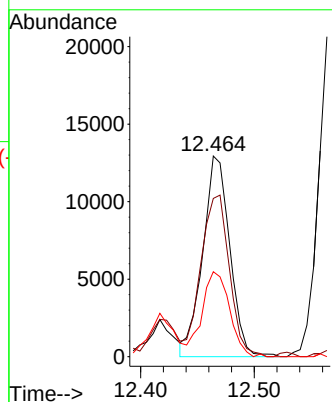
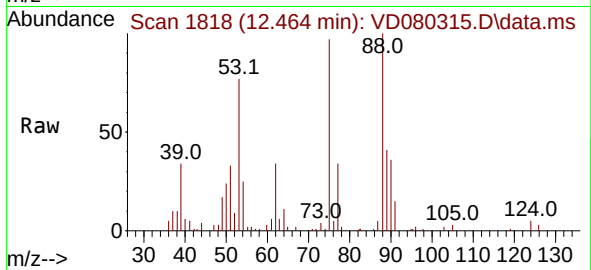




#81
trans-1,4-Dichloro-2-butene
Concen: 43.092 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. -0.005 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

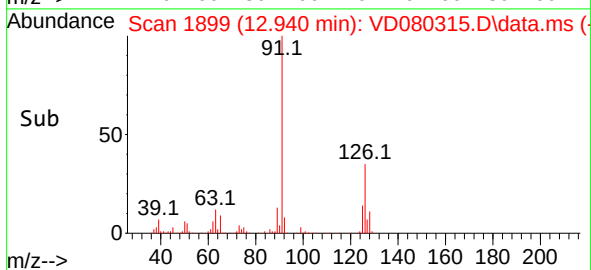
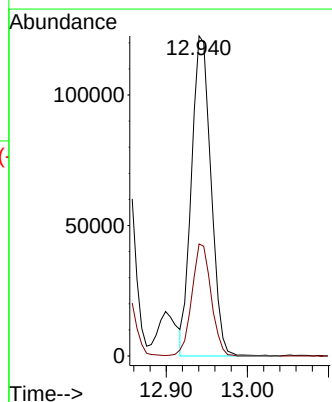
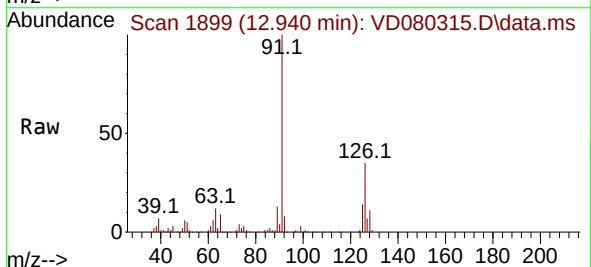
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

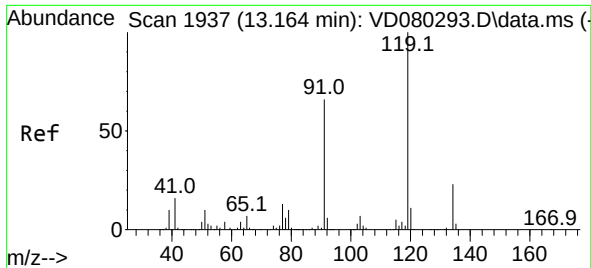
Tgt Ion: 75 Resp: 21445
Ion Ratio Lower Upper
75 100
53 85.1 68.7 103.1
89 42.7 36.1 54.1



#82
4-Chlorotoluene
Concen: 40.876 ug/l
RT: 12.940 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion: 91 Resp: 204492
Ion Ratio Lower Upper
91 100
126 34.6 16.8 50.3

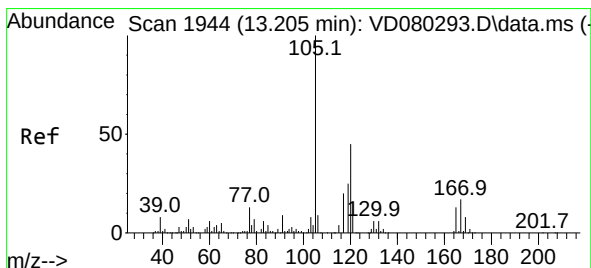
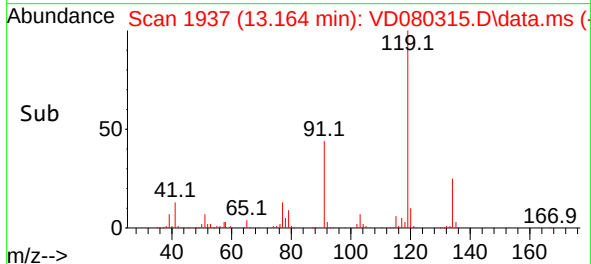
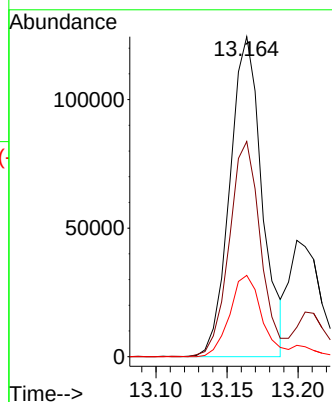
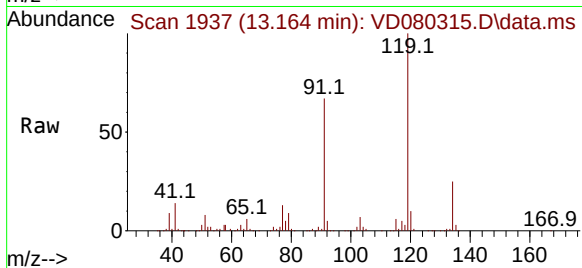




#83
 tert-Butylbenzene
 Concen: 43.452 ug/l
 RT: 13.164 min Scan# 1937
 Delta R.T. 0.001 min
 Lab File: VD080315.D
 Acq: 13 May 2025 21:36

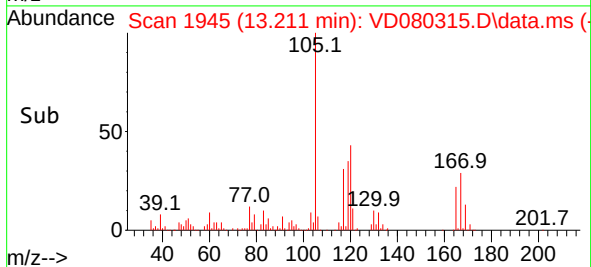
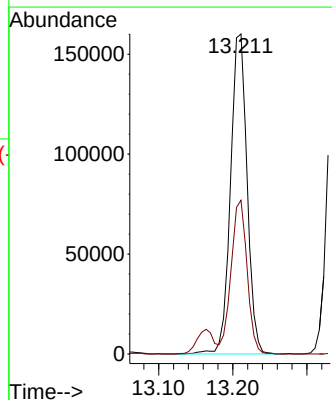
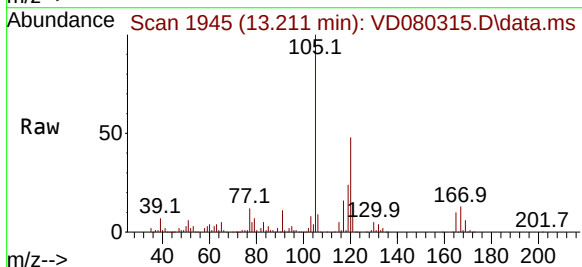
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

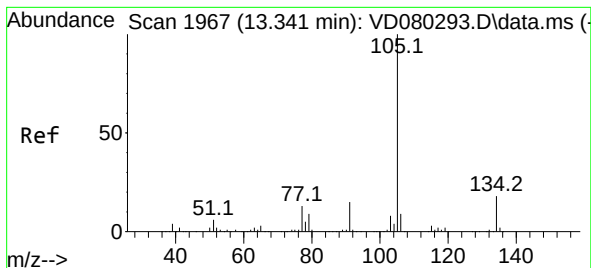
Tgt Ion:119	Resp: 196358
Ion Ratio	Lower Upper
119 100	
91 66.4	33.3 99.9
134 25.3	13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 44.813 ug/l
 RT: 13.211 min Scan# 1945
 Delta R.T. 0.001 min
 Lab File: VD080315.D
 Acq: 13 May 2025 21:36

Tgt Ion:105	Resp: 248297
Ion Ratio	Lower Upper
105 100	
120 46.4	22.8 68.4





#85

sec-Butylbenzene

Concen: 48.261 ug/l

RT: 13.340 min Scan# 1967

Delta R.T. 0.000 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

Instrument :

MSVOA_D

ClientSampleId :

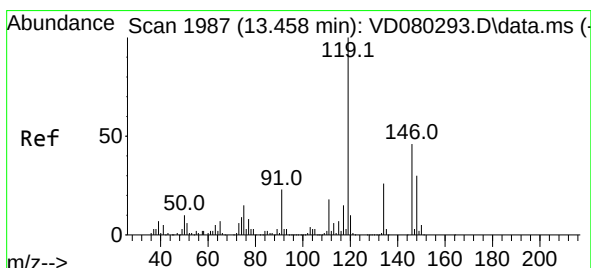
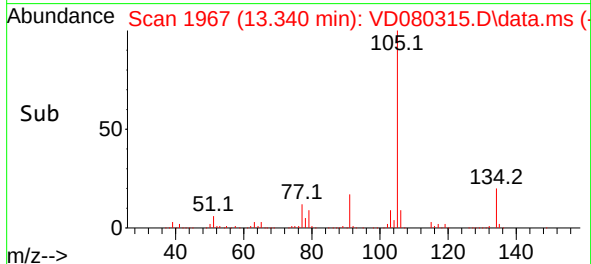
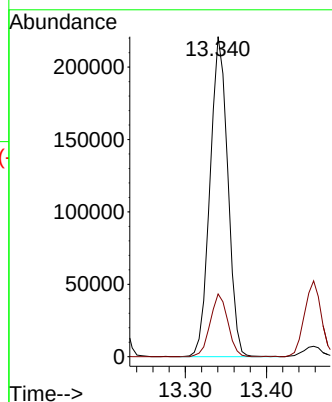
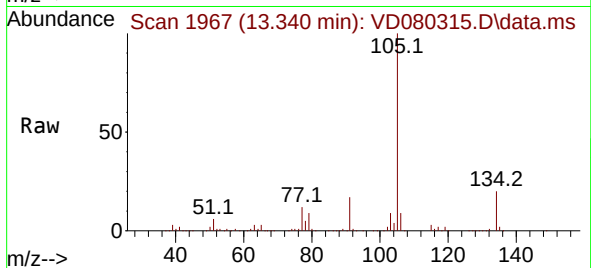
VSTDCCC050EC

Tgt Ion:105 Resp: 336310

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.3



#86

p-Isopropyltoluene

Concen: 49.315 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. 0.001 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

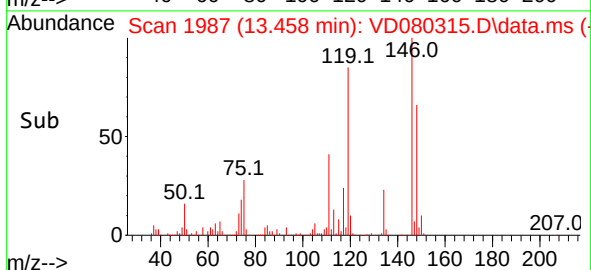
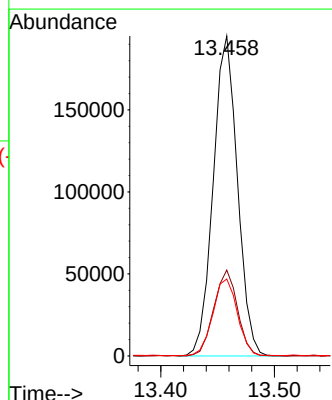
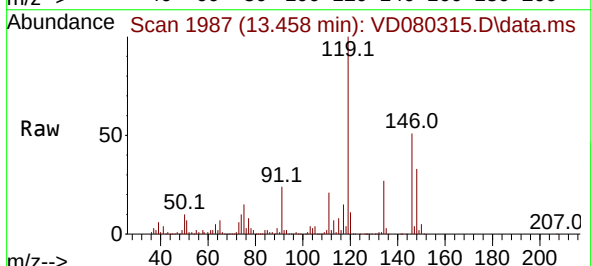
Tgt Ion:119 Resp: 288822

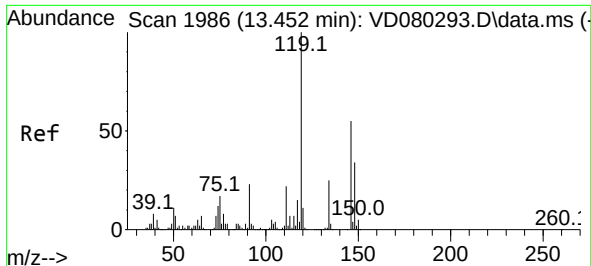
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 24.3 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 48.457 ug/l

RT: 13.452 min Scan# 1986

Delta R.T. -0.005 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

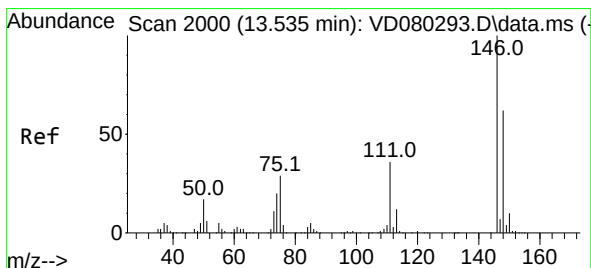
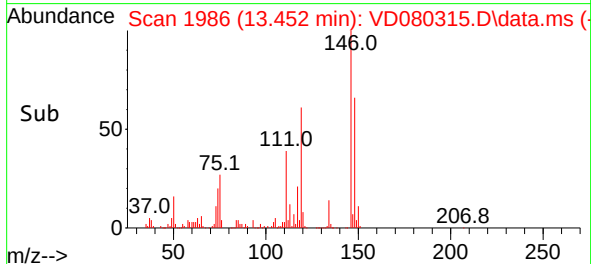
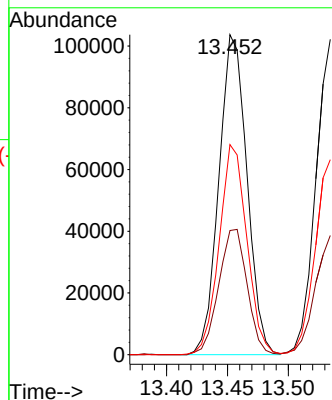
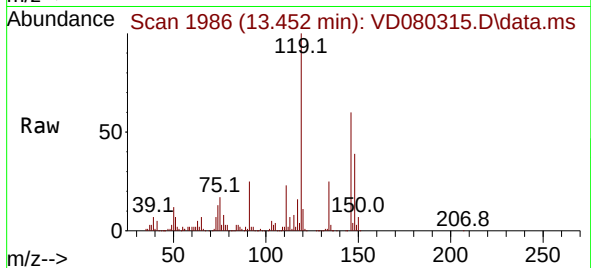
Tgt Ion:146 Resp: 166429

Ion Ratio Lower Upper

146 100

111 39.7 20.0 59.9

148 64.8 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 46.625 ug/l

RT: 13.534 min Scan# 2000

Delta R.T. 0.000 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

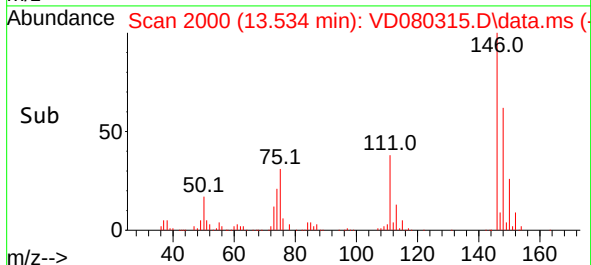
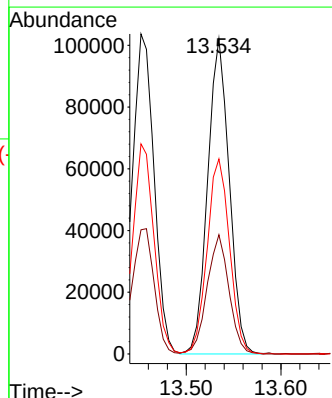
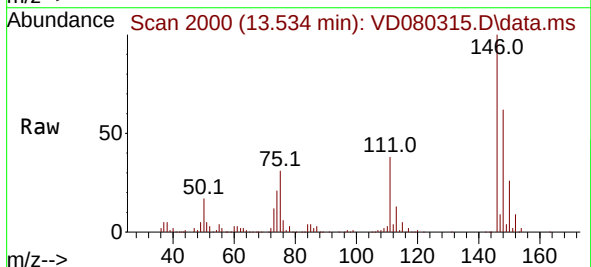
Tgt Ion:146 Resp: 161437

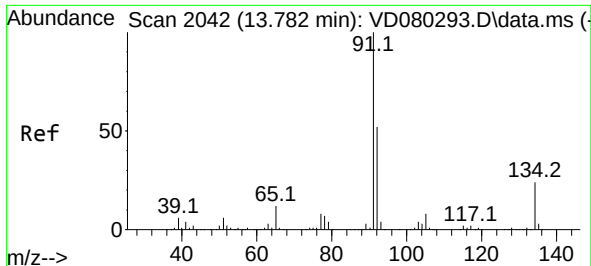
Ion Ratio Lower Upper

146 100

111 38.4 19.3 57.8

148 64.2 32.9 98.7

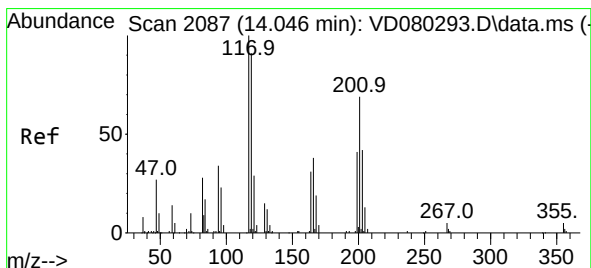
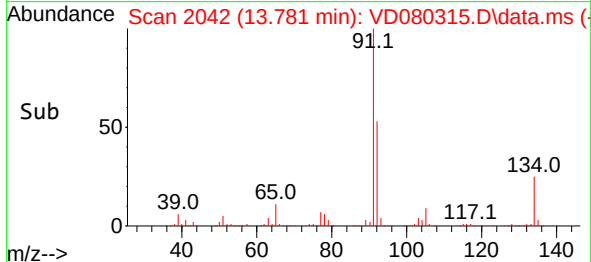
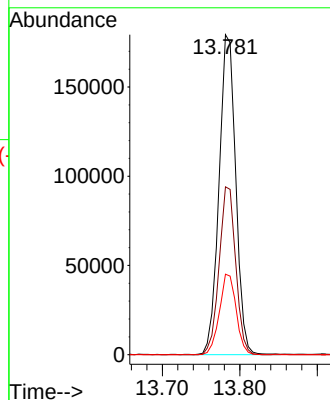
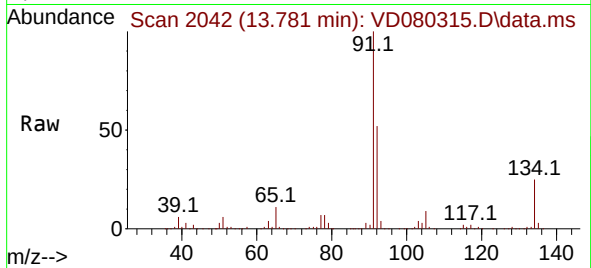




#89
n-Butylbenzene
Concen: 47.326 ug/l
RT: 13.781 min Scan# 2042
Delta R.T. -0.006 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

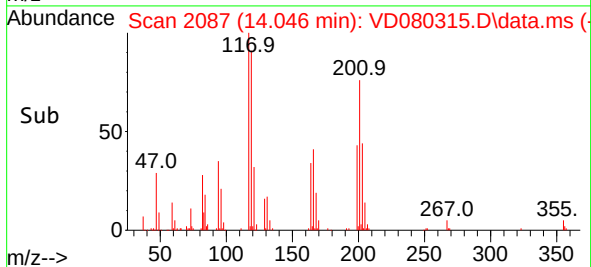
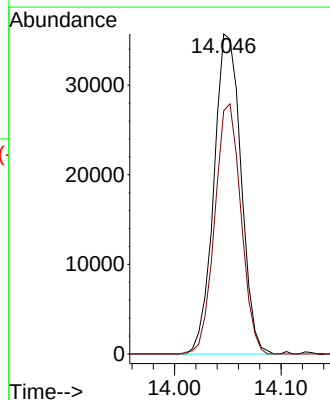
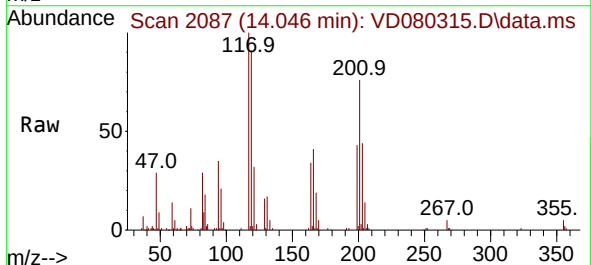
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

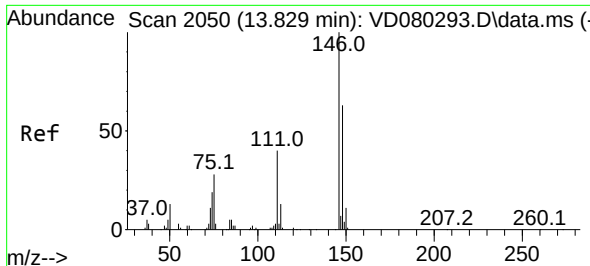
Tgt Ion: 91 Resp: 269066
Ion Ratio Lower Upper
91 100
92 51.9 26.3 78.9
134 25.2 12.3 36.8



#90
Hexachloroethane
Concen: 48.625 ug/l
RT: 14.046 min Scan# 2087
Delta R.T. -0.005 min
Lab File: VD080315.D
Acq: 13 May 2025 21:36

Tgt Ion: 117 Resp: 63011
Ion Ratio Lower Upper
117 100
201 75.5 37.5 112.5

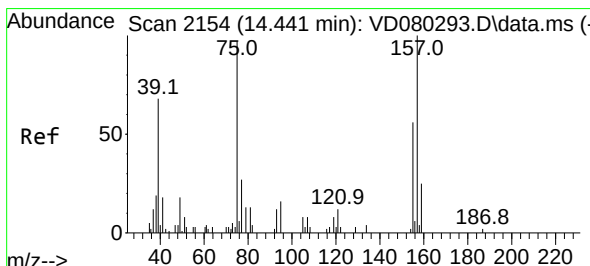
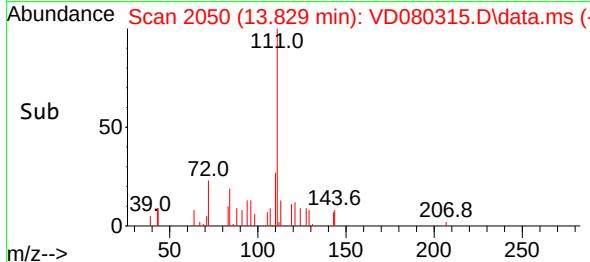
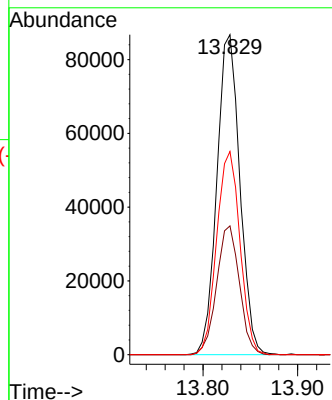
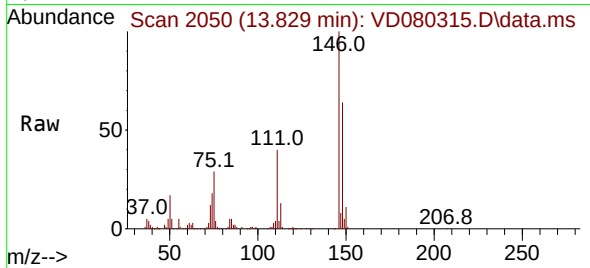




#91
 1,2-Dichlorobenzene
 Concen: 49.055 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.001 min
 Lab File: VD080315.D
 Acq: 13 May 2025 21:36

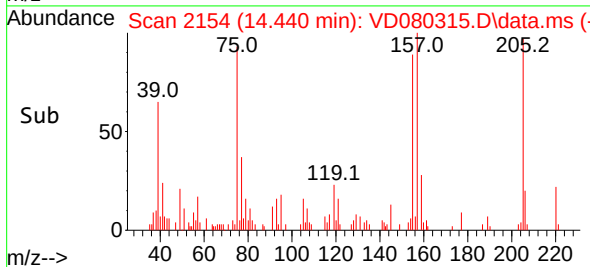
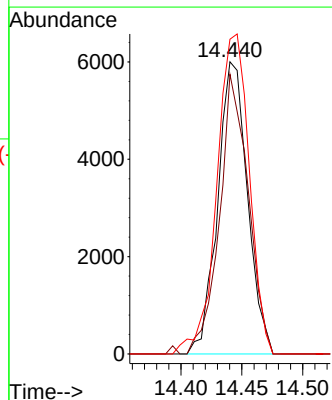
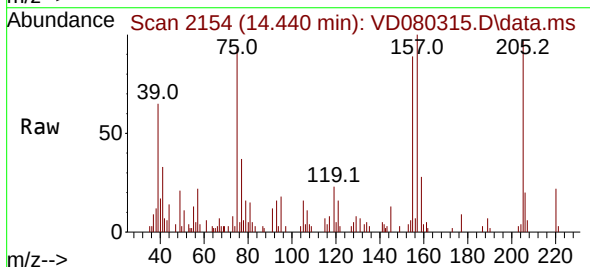
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

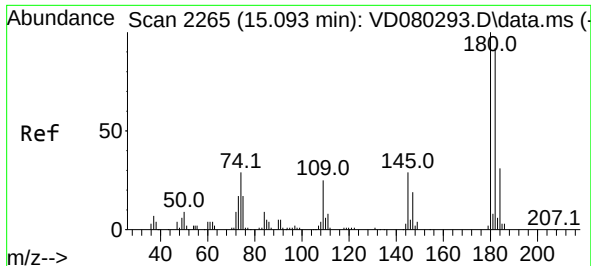
Tgt Ion:146 Resp: 146358
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.6 61.8
 148 64.2 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.995 ug/l
 RT: 14.440 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: VD080315.D
 Acq: 13 May 2025 21:36

Tgt Ion: 75 Resp: 10235
 Ion Ratio Lower Upper
 75 100
 155 92.2 40.6 122.0
 157 119.1 53.3 159.9

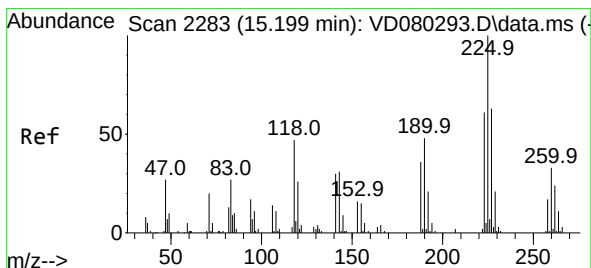
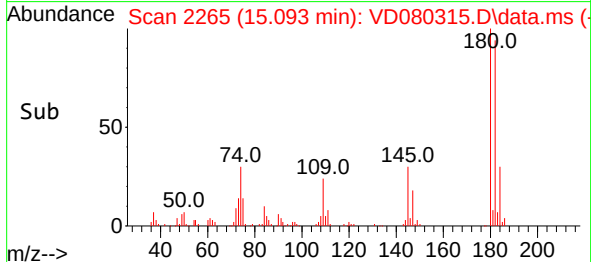
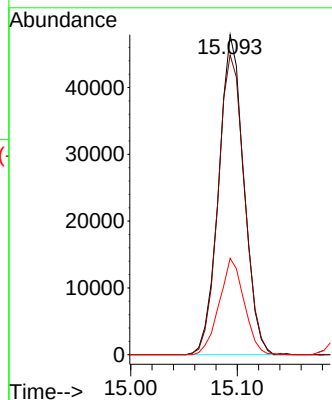
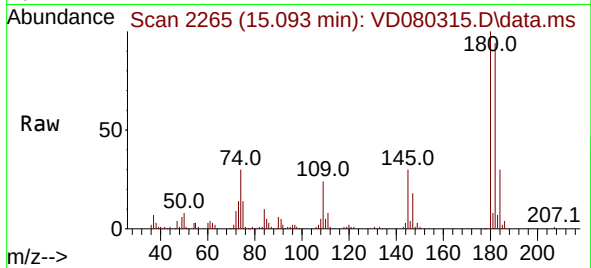




#93
 1,2,4-Trichlorobenzene
 Concen: 41.782 ug/l
 RT: 15.093 min Scan# 2265
 Delta R.T. -0.005 min
 Lab File: VD080315.D
 Acq: 13 May 2025 21:36

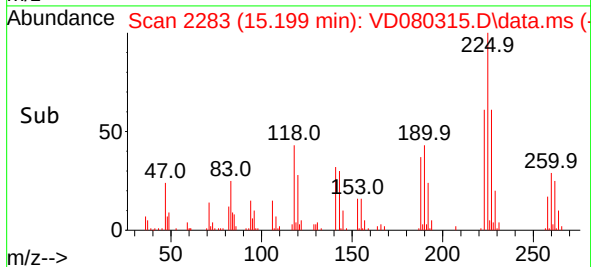
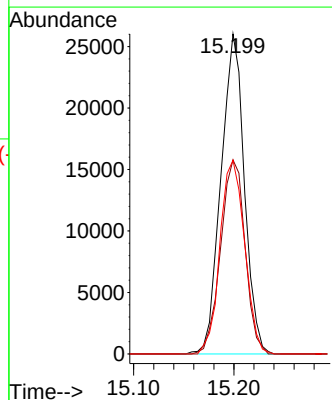
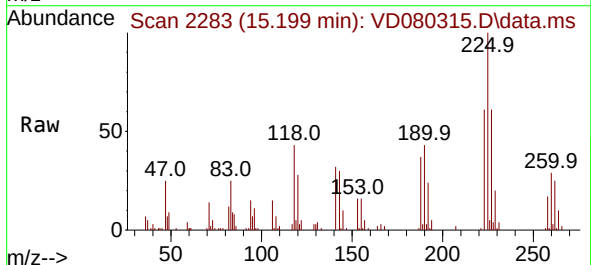
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

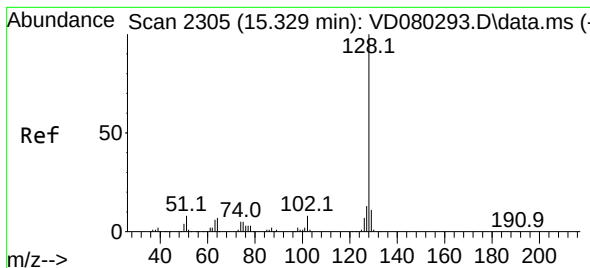
Tgt Ion:180 Resp: 78397
 Ion Ratio Lower Upper
 180 100
 182 97.7 47.4 142.2
 145 29.8 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 43.103 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. 0.001 min
 Lab File: VD080315.D
 Acq: 13 May 2025 21:36

Tgt Ion:225 Resp: 42075
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.5 94.5
 227 63.9 30.9 92.5





#95

Naphthalene

Concen: 43.229 ug/l

RT: 15.328 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

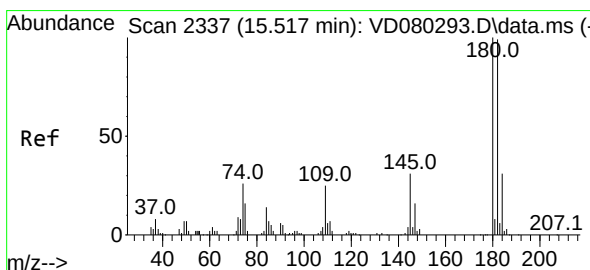
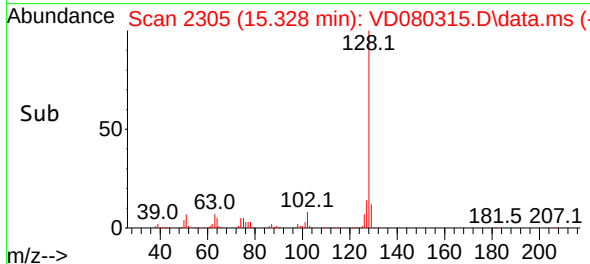
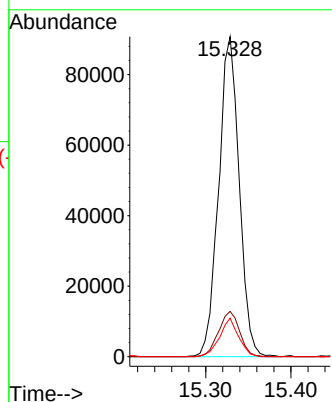
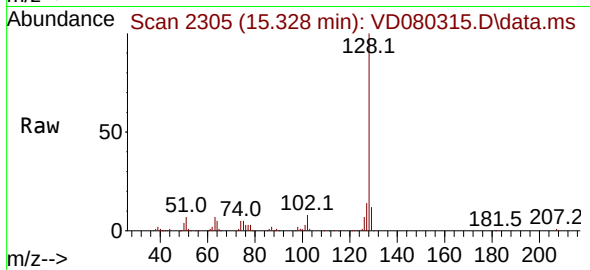
Tgt Ion:128 Resp: 152301

Ion Ratio Lower Upper

128 100

127 14.2 11.8 17.8

129 12.1 8.3 12.5



#96

1,2,3-Trichlorobenzene

Concen: 44.901 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.001 min

Lab File: VD080315.D

Acq: 13 May 2025 21:36

Tgt Ion:180 Resp: 75349

Ion Ratio Lower Upper

180 100

182 93.7 47.5 142.6

145 30.0 15.7 47.0

