

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082725\
 Data File : VD080503.D
 Acq On : 27 Aug 2025 13:40
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082725

Quant Time: Aug 28 03:04:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 28 03:02:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	421611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	743840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	643880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.511	152	305824	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.229	65	201635	42.390	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.780%
35) Dibromofluoromethane	7.805	113	210525	46.598	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.200%
50) Toluene-d8	10.264	98	843864	47.066	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.140%
62) 4-Bromofluorobenzene	12.570	95	264213	46.750	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.935	85	153194	42.677	ug/l	97
3) Chloromethane	2.147	50	247775	43.727	ug/l	99
4) Vinyl Chloride	2.282	62	267580	45.756	ug/l	99
5) Bromomethane	2.694	94	150929	45.924	ug/l	99
6) Chloroethane	2.841	64	175326	45.932	ug/l	99
7) Trichlorofluoromethane	3.176	101	320339	47.033	ug/l	97
8) Diethyl Ether	3.594	74	122627	45.435	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.976	101	204902	46.364	ug/l	97
10) Methyl Iodide	4.165	142	244958	48.012	ug/l	99
11) Tert butyl alcohol	5.047	59	77395	224.839	ug/l	98
12) 1,1-Dichloroethene	3.941	96	216990	47.130	ug/l	99
13) Acrolein	3.794	56	87096	238.067	ug/l	97
14) Allyl chloride	4.564	41	368879	46.169	ug/l	100
15) Acrylonitrile	5.253	53	280120	233.055	ug/l	99
16) Acetone	4.023	43	241559	216.920	ug/l	96
17) Carbon Disulfide	4.270	76	712278	45.750	ug/l	99
18) Methyl Acetate	4.564	43	169323	54.031	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	569466	47.133	ug/l	98
20) Methylene Chloride	4.806	84	252528	41.281	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	246793	46.823	ug/l	98
22) Diisopropyl ether	6.217	45	768834	46.752	ug/l	98
23) Vinyl Acetate	6.153	43	2110234	225.501	ug/l	97
24) 1,1-Dichloroethane	6.117	63	442081	46.440	ug/l	99
25) 2-Butanone	7.076	43	358523	227.373	ug/l	97
26) 2,2-Dichloropropane	7.076	77	351081	46.581	ug/l	100
27) cis-1,2-Dichloroethene	7.082	96	293212	46.612	ug/l	99
28) Bromochloromethane	7.429	49	181878	46.884	ug/l	97
29) Tetrahydrofuran	7.441	42	234316	235.160	ug/l	99
30) Chloroform	7.594	83	431498	47.406	ug/l	99
31) Cyclohexane	7.876	56	406709	45.645	ug/l	97
32) 1,1,1-Trichloroethane	7.794	97	362130	47.781	ug/l	100
36) 1,1-Dichloropropene	8.011	75	319218	48.972	ug/l	98
37) Ethyl Acetate	7.170	43	148406	47.346	ug/l	97
38) Carbon Tetrachloride	7.994	117	307328	49.538	ug/l	96
39) Methylcyclohexane	9.276	83	426656	49.175	ug/l	98
40) Benzene	8.253	78	1001773	48.290	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	101464	54.522	ug/l	89
42) 1,2-Dichloroethane	8.323	62	245100	48.778	ug/l	100
43) Isopropyl Acetate	8.358	43	305347	47.879	ug/l	99
44) Trichloroethene	9.029	130	246930	49.063	ug/l	97
45) 1,2-Dichloropropane	9.305	63	248371	48.276	ug/l	100
46) Dibromomethane	9.394	93	138656	50.305	ug/l	99
47) Bromodichloromethane	9.582	83	334037	49.711	ug/l	99
48) Methyl methacrylate	9.382	41	156276	49.430	ug/l	98
49) 1,4-Dioxane	9.382	88	33435	981.194	ug/l	97
51) 4-Methyl-2-Pentanone	10.158	43	772024	242.732	ug/l	100
52) Toluene	10.335	92	629956	48.693	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	336059	49.073	ug/l	100
54) cis-1,3-Dichloropropene	10.017	75	396311	48.393	ug/l	98
55) 1,1,2-Trichloroethane	10.729	97	180366	48.806	ug/l	97
56) Ethyl methacrylate	10.594	69	252166	48.975	ug/l	99
57) 1,3-Dichloropropane	10.876	76	318633	49.128	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.870	63	498660	250.267	ug/l	100
59) 2-Hexanone	10.917	43	542514	240.064	ug/l	99
60) Dibromochloromethane	11.070	129	228562	49.076	ug/l	100
61) 1,2-Dibromoethane	11.176	107	173005	49.200	ug/l	100
64) Tetrachloroethene	10.811	164	202536	50.935	ug/l	96
65) Chlorobenzene	11.605	112	682688	49.755	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.676	131	221276	50.561	ug/l	98
67) Ethyl Benzene	11.682	91	1190717	50.138	ug/l	100
68) m/p-Xylenes	11.788	106	913617	99.912	ug/l	99
69) o-Xylene	12.117	106	433649	49.696	ug/l	99
70) Styrene	12.135	104	747219	50.335	ug/l	99
71) Bromoform	12.293	173	126533	50.872	ug/l #	99
73) Isopropylbenzene	12.417	105	1109538	49.518	ug/l	99
74) N-amyl acetate	12.229	43	279983	47.087	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	209473	50.283	ug/l	98
76) 1,2,3-Trichloropropane	12.723	75	261976	104.959	ug/l #	100
77) Bromobenzene	12.699	156	256930	49.559	ug/l	99
78) n-propylbenzene	12.758	91	1349133	49.586	ug/l	99
79) 2-Chlorotoluene	12.846	91	755190	48.709	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	903109	49.601	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.464	75	77941	47.395	ug/l	99
82) 4-Chlorotoluene	12.946	91	774102	48.541	ug/l	99
83) tert-Butylbenzene	13.164	119	793236	50.214	ug/l	99
84) 1,2,4-Trimethylbenzene	13.205	105	901160	49.155	ug/l	99
85) sec-Butylbenzene	13.340	105	1182802	50.167	ug/l	100
86) p-Isopropyltoluene	13.458	119	984645	49.925	ug/l	100
87) 1,3-Dichlorobenzene	13.452	146	498265	49.847	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	493137	49.131	ug/l	99
89) n-Butylbenzene	13.782	91	948678	50.495	ug/l	99
90) Hexachloroethane	14.052	117	189673	49.720	ug/l	100
91) 1,2-Dichlorobenzene	13.829	146	434911	48.893	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	30493	48.776	ug/l	98
93) 1,2,4-Trichlorobenzene	15.093	180	282505	50.691	ug/l	100
94) Hexachlorobutadiene	15.199	225	134422	53.067	ug/l	99
95) Naphthalene	15.329	128	595365	50.219	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	247479	51.873	ug/l	100

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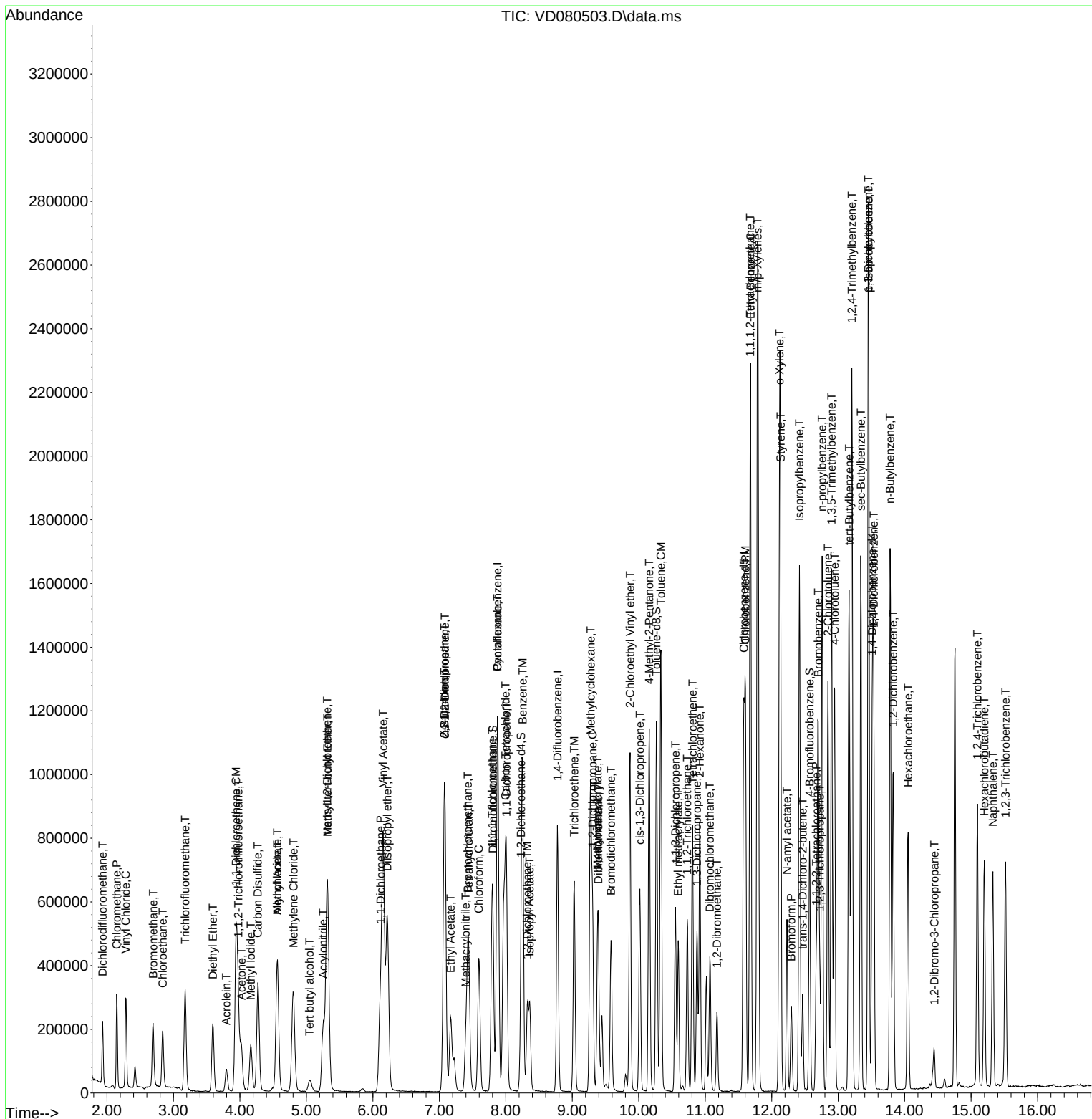
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

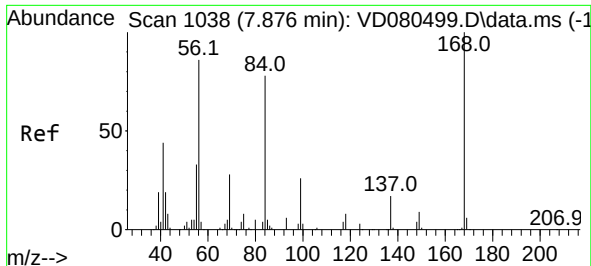
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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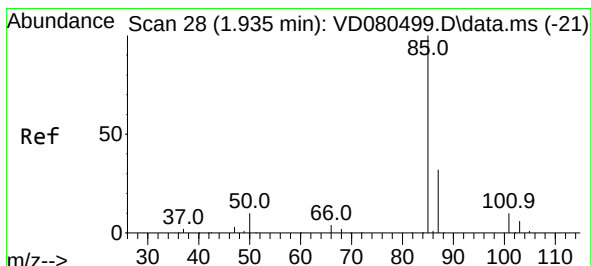
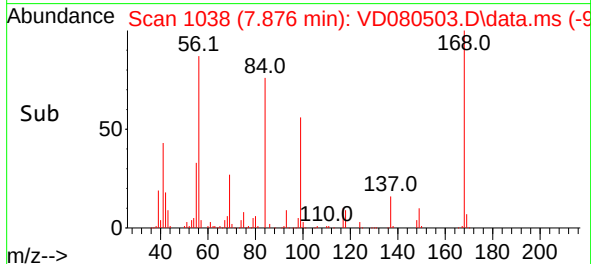
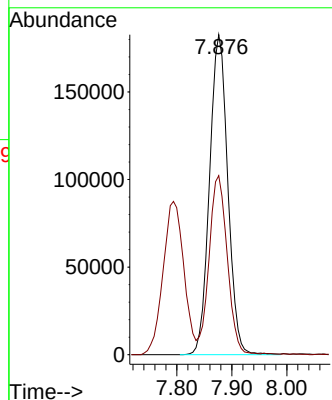
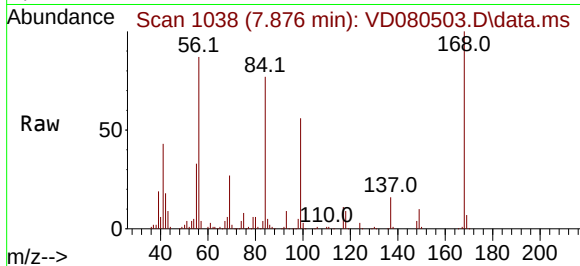




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080503.D
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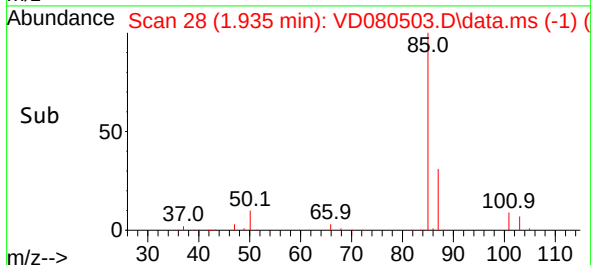
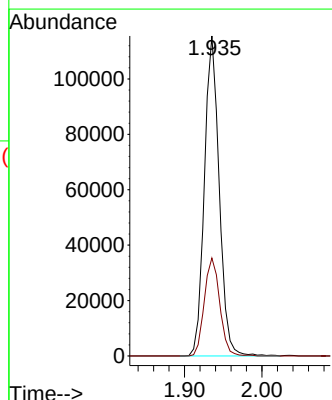
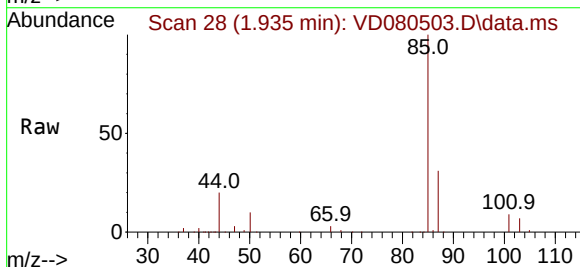
Instrument :
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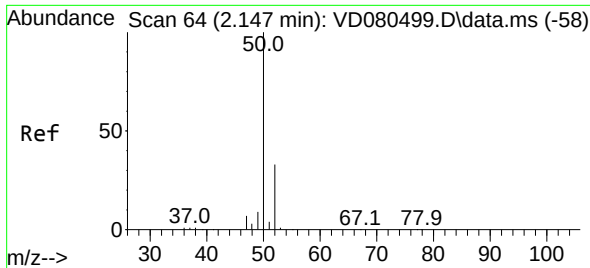
Tgt Ion:168 Resp: 421611
Ion Ratio Lower Upper
168 100
99 55.8 44.1 66.1



#2
Dichlorodifluoromethane
Concen: 42.677 ug/l
RT: 1.935 min Scan# 28
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion: 85 Resp: 153194
Ion Ratio Lower Upper
85 100
87 30.6 16.2 48.5

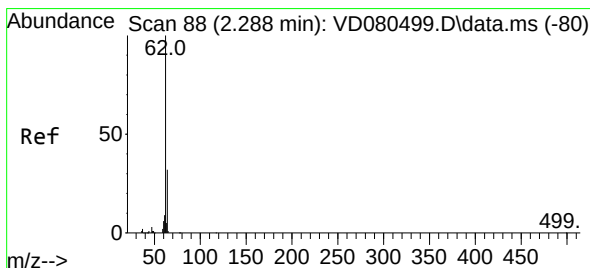
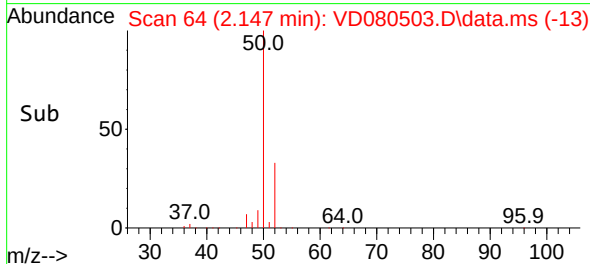
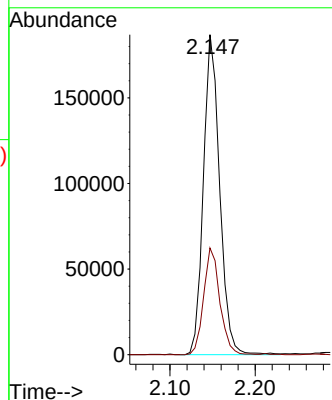
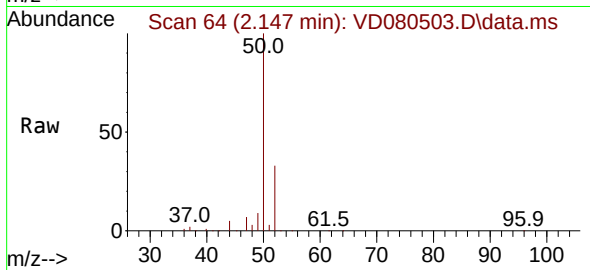




#3
Chloromethane
Concen: 43.727 ug/l
RT: 2.147 min Scan# 64
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

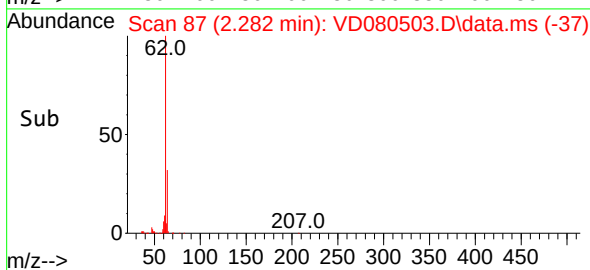
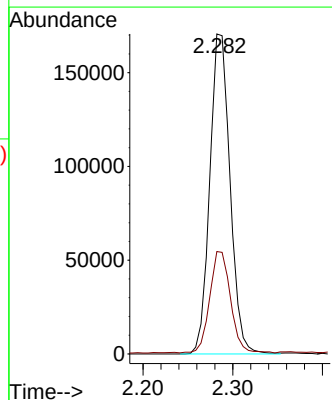
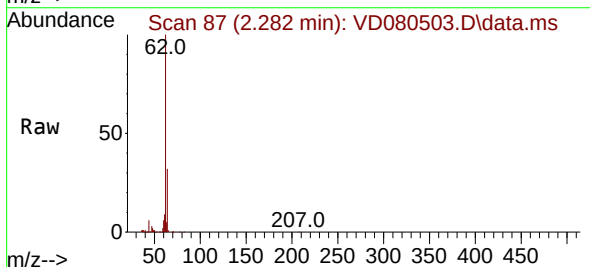
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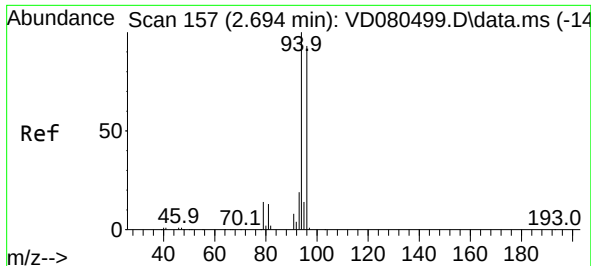
Tgt Ion: 50 Resp: 247775
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.4



#4
Vinyl Chloride
Concen: 45.756 ug/l
RT: 2.282 min Scan# 87
Delta R.T. -0.006 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion: 62 Resp: 267580
Ion Ratio Lower Upper
62 100
64 31.7 25.6 38.4

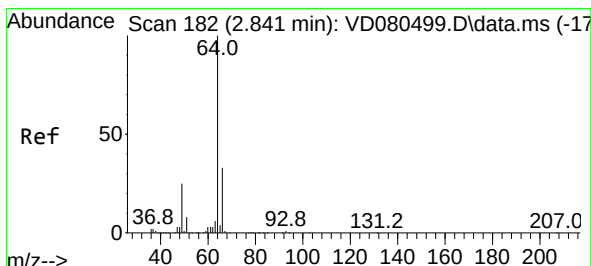
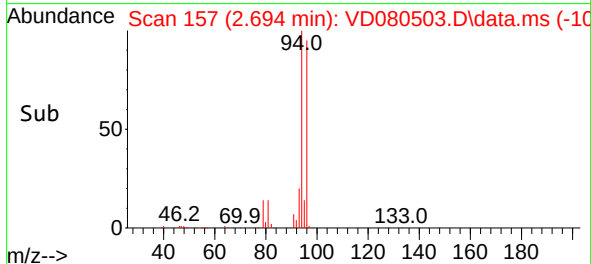
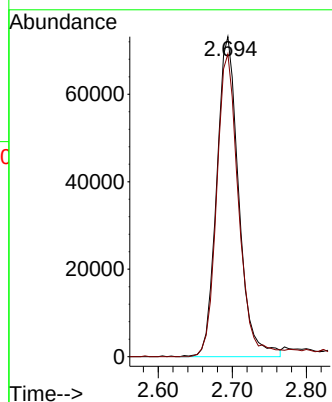
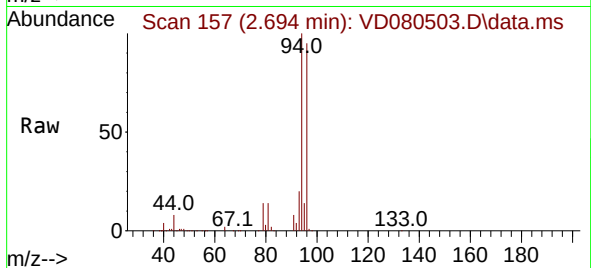




#5
Bromomethane
Concen: 45.924 ug/l
RT: 2.694 min Scan# 157
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

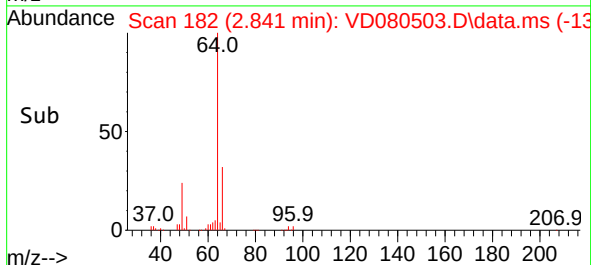
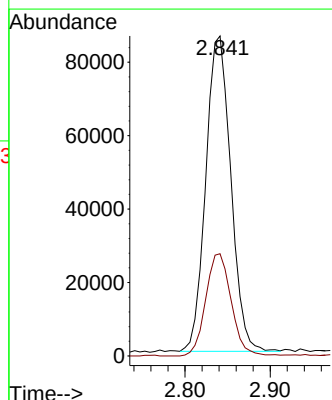
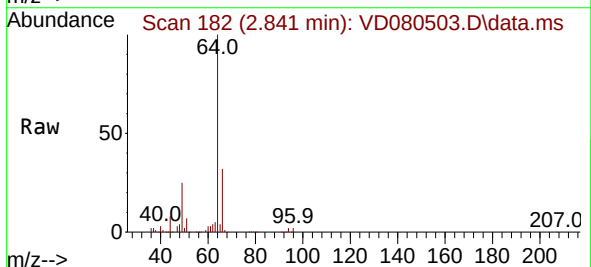
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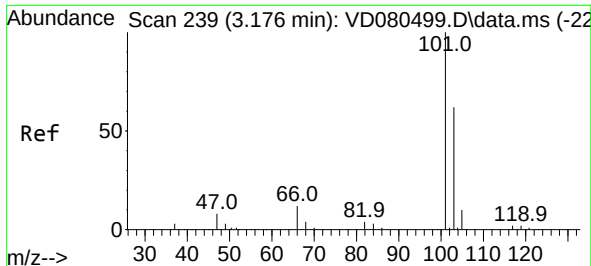
Tgt Ion: 94 Resp: 150929
Ion Ratio Lower Upper
94 100
96 94.3 74.6 111.8



#6
Chloroethane
Concen: 45.932 ug/l
RT: 2.841 min Scan# 182
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion: 64 Resp: 175326
Ion Ratio Lower Upper
64 100
66 32.4 26.5 39.7

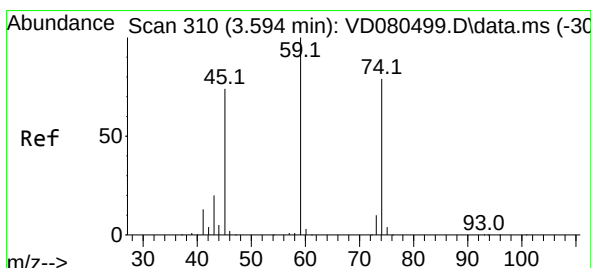
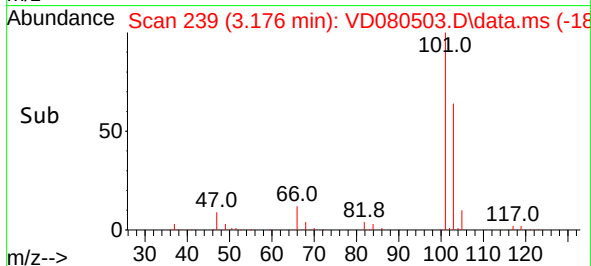
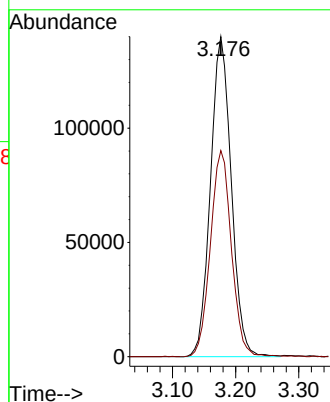
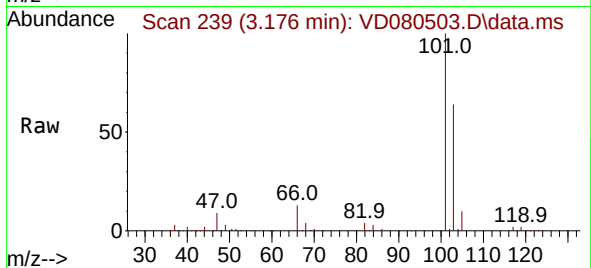




#7
 Trichlorofluoromethane
 Concen: 47.033 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD080503.D
 Acq: 27 Aug 2025 13:40

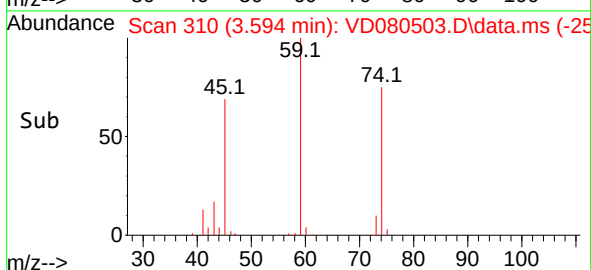
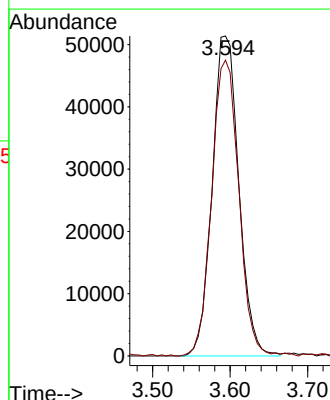
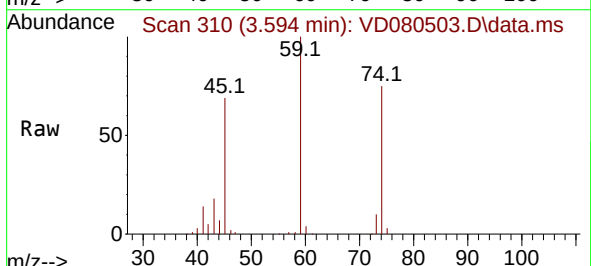
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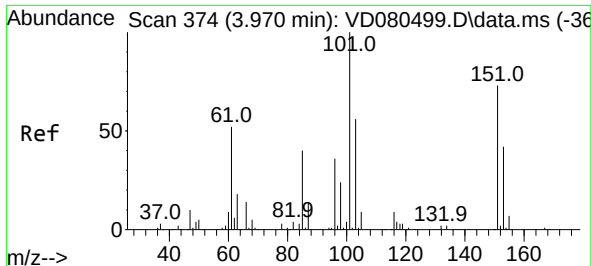
Tgt Ion:101 Resp: 320339
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.6 74.4



#8
 Diethyl Ether
 Concen: 45.435 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VD080503.D
 Acq: 27 Aug 2025 13:40

Tgt Ion: 74 Resp: 122627
 Ion Ratio Lower Upper
 74 100
 45 94.4 48.2 144.6

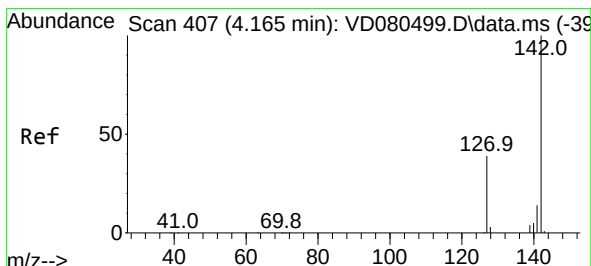
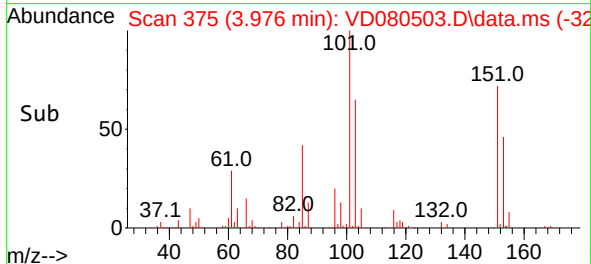
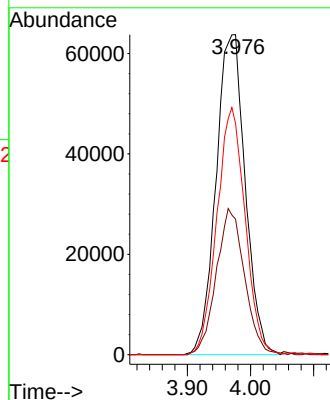
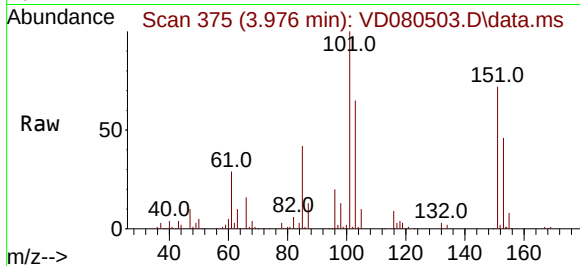




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.364 ug/l
 RT: 3.976 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VD080503.D
 Acq: 27 Aug 2025 13:40

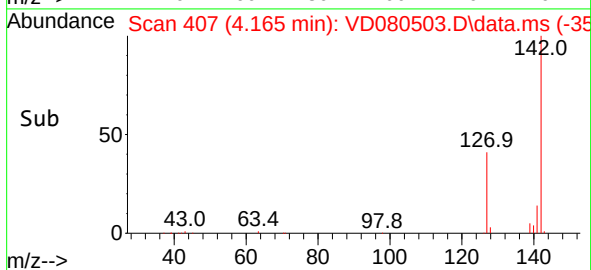
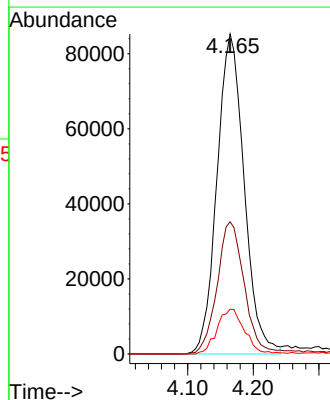
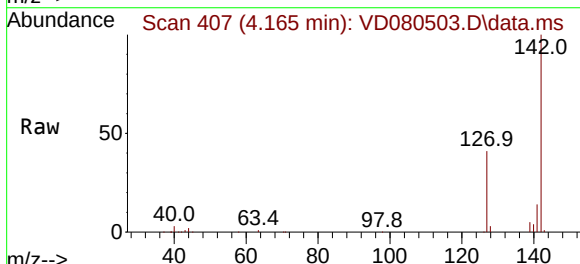
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082725

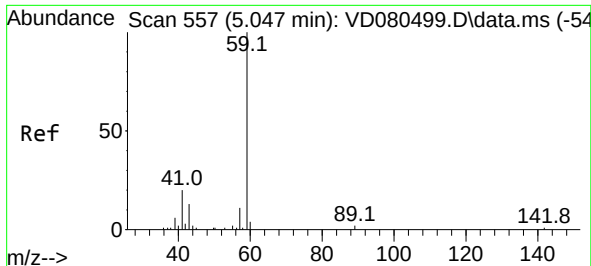
Tgt Ion:101 Resp: 204902
 Ion Ratio Lower Upper
 101 100
 85 44.1 33.8 50.6
 151 74.5 58.0 87.0



#10
 Methyl Iodide
 Concen: 48.012 ug/l
 RT: 4.165 min Scan# 407
 Delta R.T. -0.000 min
 Lab File: VD080503.D
 Acq: 27 Aug 2025 13:40

Tgt Ion:142 Resp: 244958
 Ion Ratio Lower Upper
 142 100
 127 41.7 33.1 49.7
 141 14.2 11.7 17.5

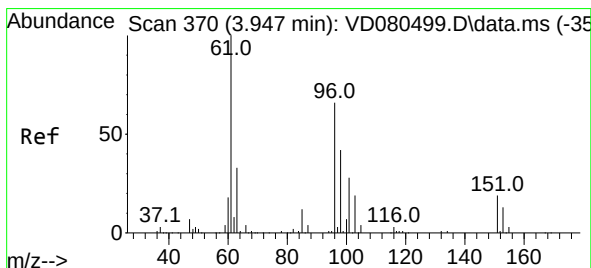
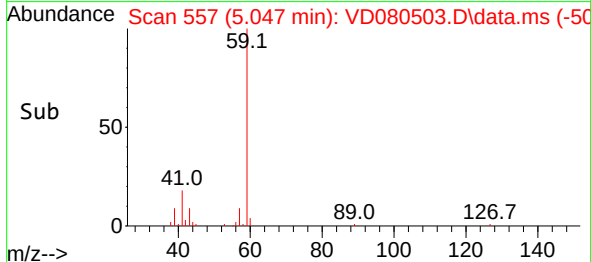
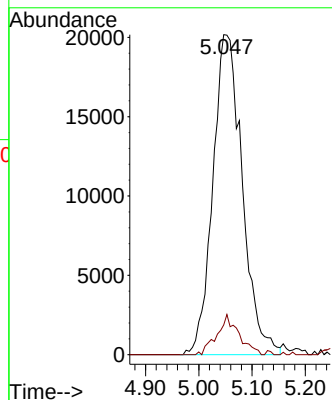
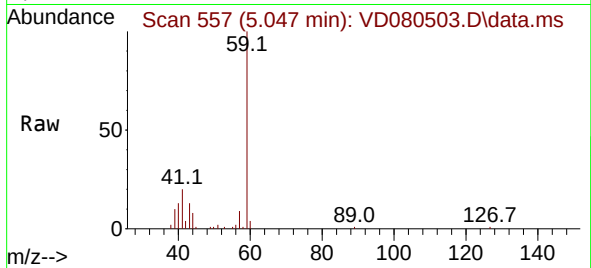




#11
Tert butyl alcohol
Concen: 224.839 ug/l
RT: 5.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

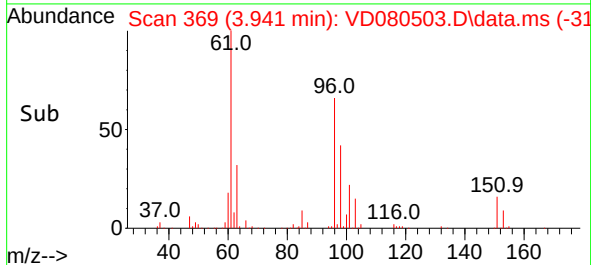
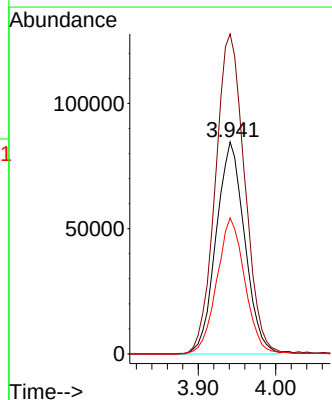
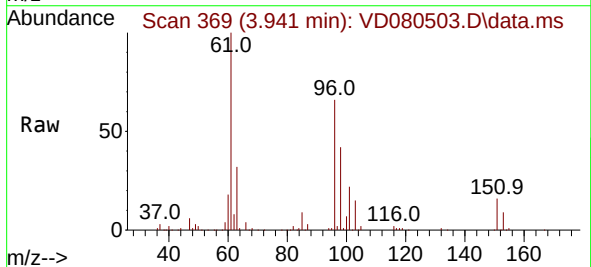
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

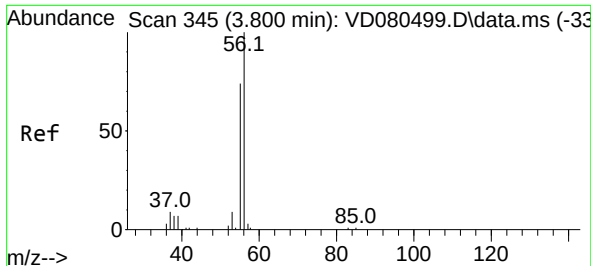
Tgt Ion: 59 Resp: 77395
Ion Ratio Lower Upper
59 100
57 9.3 8.1 12.1



#12
1,1-Dichloroethene
Concen: 47.130 ug/l
RT: 3.941 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion: 96 Resp: 216990
Ion Ratio Lower Upper
96 100
61 150.7 120.9 181.3
98 64.1 50.7 76.1





#13

Acrolein

Concen: 238.067 ug/l

RT: 3.794 min Scan# 345

Delta R.T. -0.006 min

Lab File: VD080503.D

Acq: 27 Aug 2025 13:40

Instrument :

MSVOA_D

ClientSampleId :

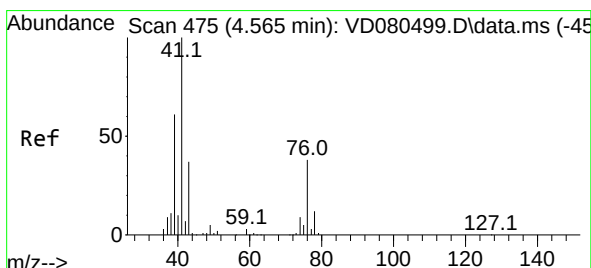
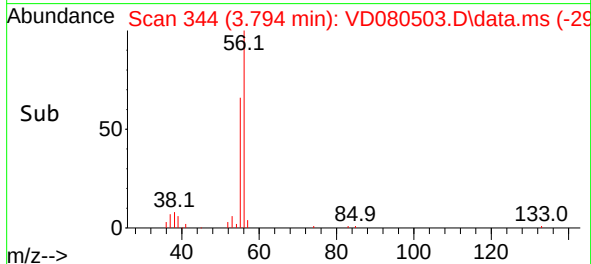
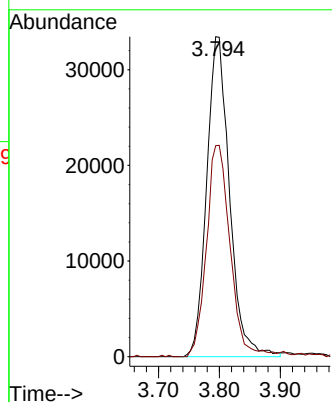
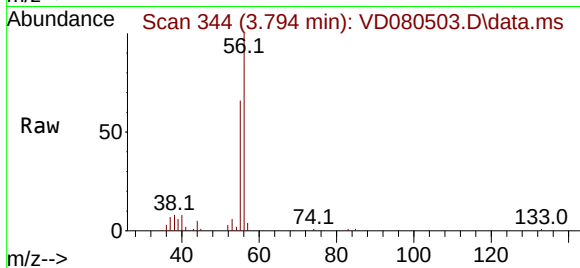
ICVVD082725

Tgt Ion: 56 Resp: 87096

Ion Ratio Lower Upper

56 100

55 68.4 56.6 85.0



#14

Allyl chloride

Concen: 46.169 ug/l

RT: 4.564 min Scan# 475

Delta R.T. -0.000 min

Lab File: VD080503.D

Acq: 27 Aug 2025 13:40

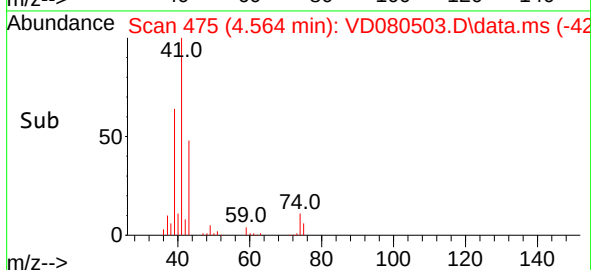
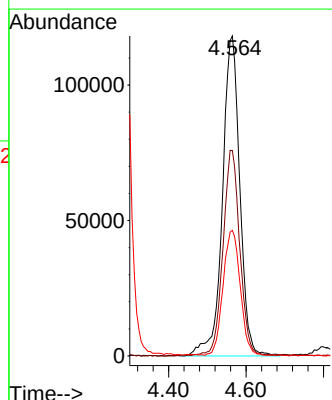
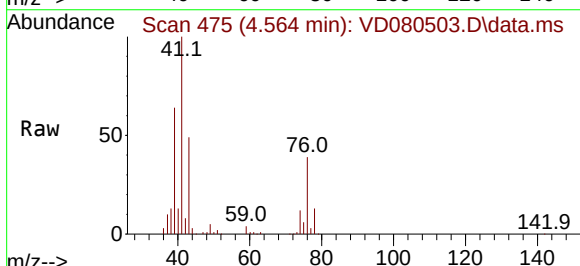
Tgt Ion: 41 Resp: 368879

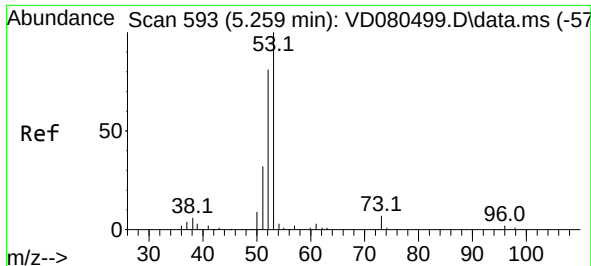
Ion Ratio Lower Upper

41 100

39 62.4 50.1 75.1

76 38.4 30.7 46.1

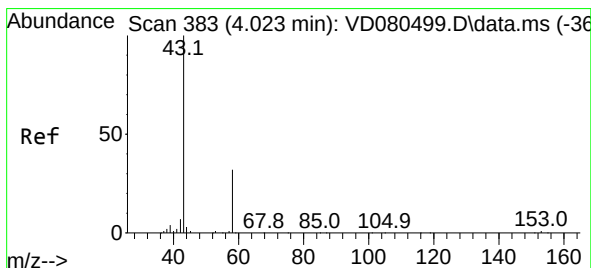
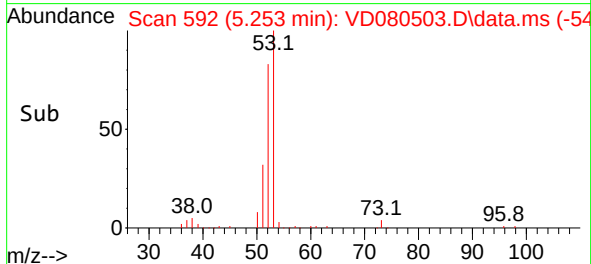
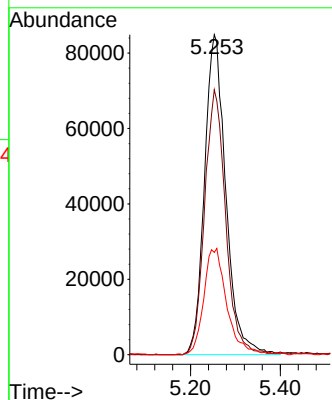
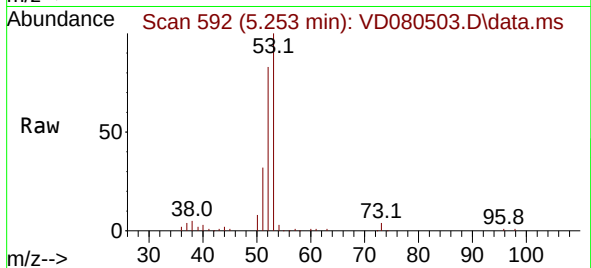




#15
Acrylonitrile
Concen: 233.055 ug/l
RT: 5.253 min Scan# 593
Delta R.T. -0.006 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

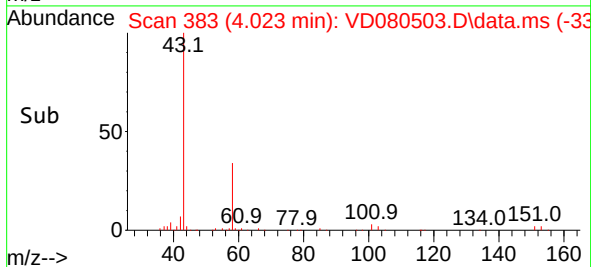
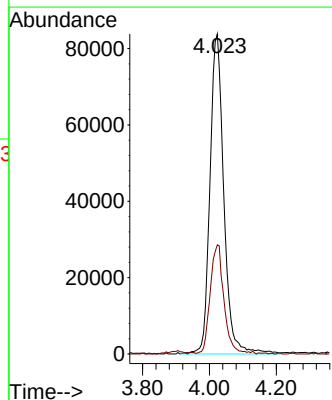
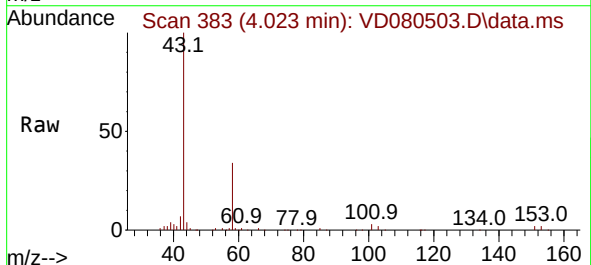
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

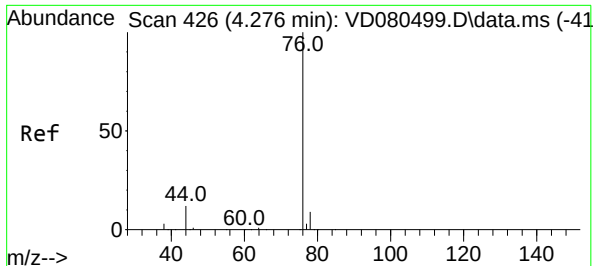
Tgt Ion: 53 Resp: 280120
Ion Ratio Lower Upper
53 100
52 81.5 64.6 97.0
51 35.7 28.0 42.0



#16
Acetone
Concen: 216.920 ug/l
RT: 4.023 min Scan# 383
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion: 43 Resp: 241559
Ion Ratio Lower Upper
43 100
58 33.9 25.4 38.0

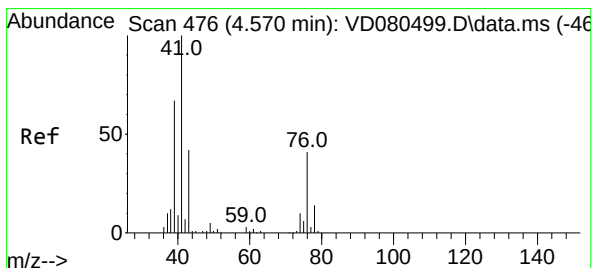
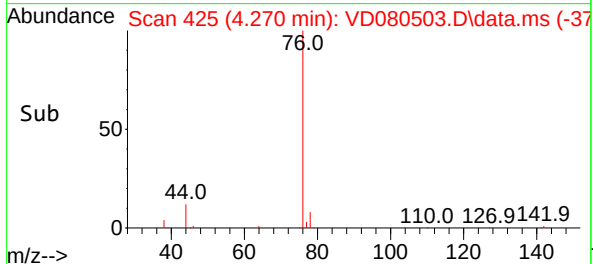
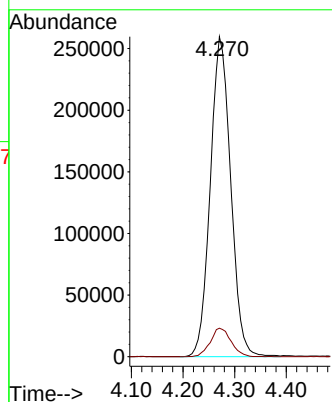
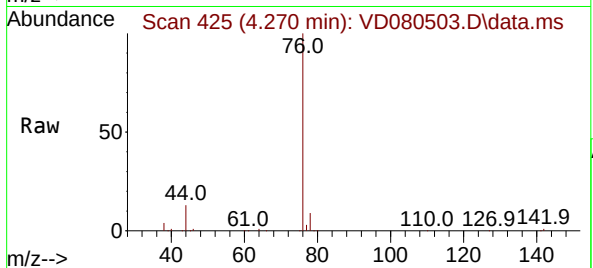




#17
Carbon Disulfide
Concen: 45.750 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

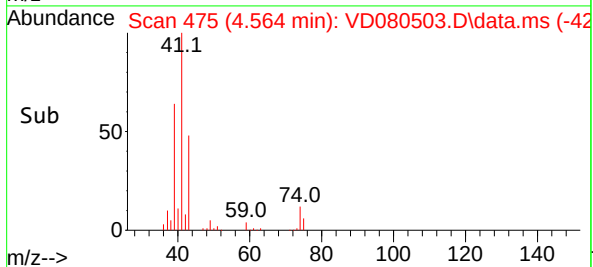
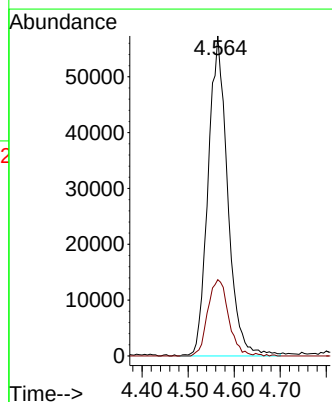
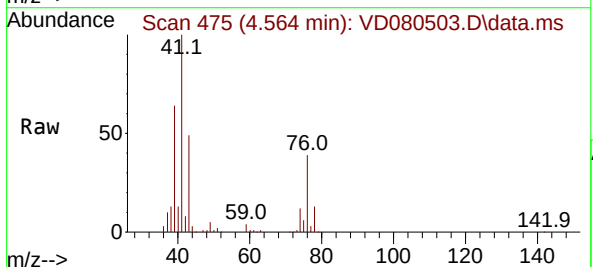
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

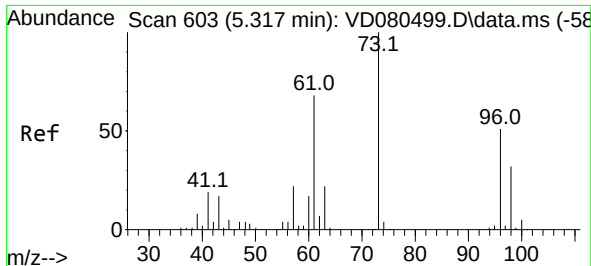
Tgt Ion: 76 Resp: 712278
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 54.031 ug/l
RT: 4.564 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion: 43 Resp: 169323
Ion Ratio Lower Upper
43 100
74 25.3 20.2 30.2

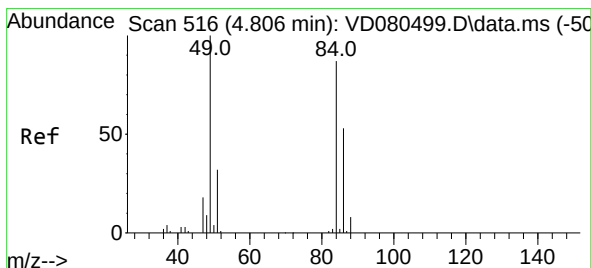
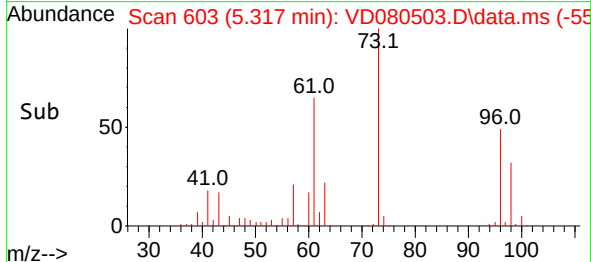
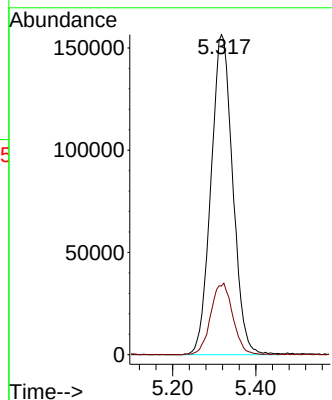
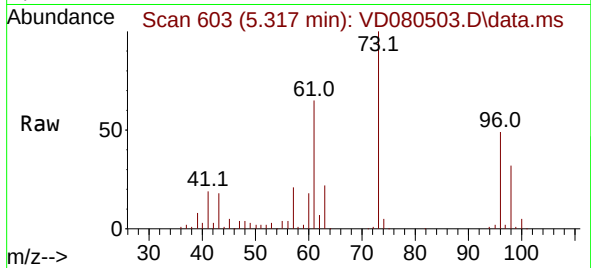




#19
Methyl tert-butyl Ether
Concen: 47.133 ug/l
RT: 5.317 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

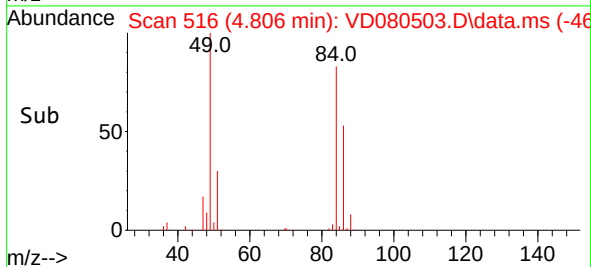
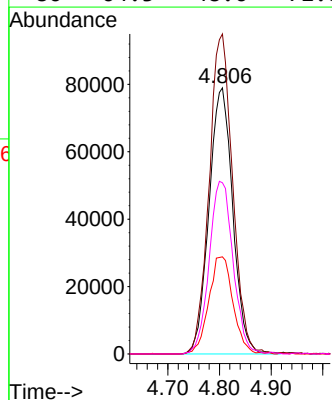
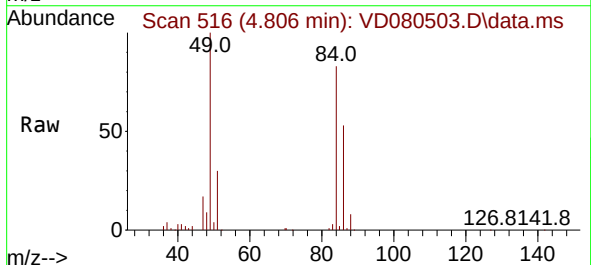
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

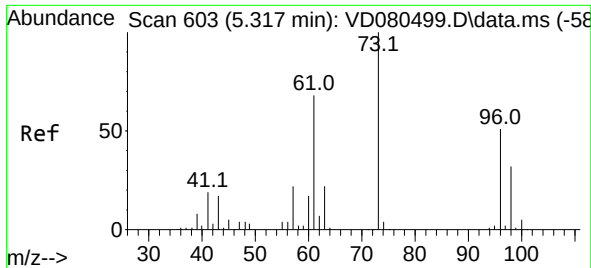
Tgt Ion: 73 Resp: 569466
Ion Ratio Lower Upper
73 100
57 21.5 17.8 26.8



#20
Methylene Chloride
Concen: 41.281 ug/l
RT: 4.806 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion: 84 Resp: 252528
Ion Ratio Lower Upper
84 100
49 120.2 91.8 137.6
51 36.5 29.0 43.4
86 64.3 48.6 72.8

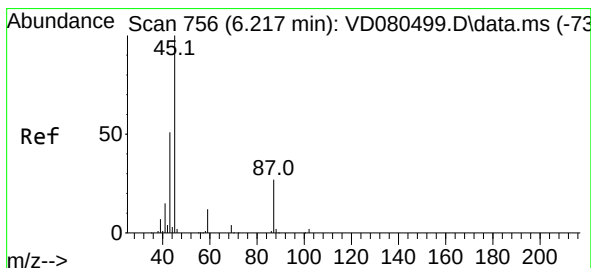
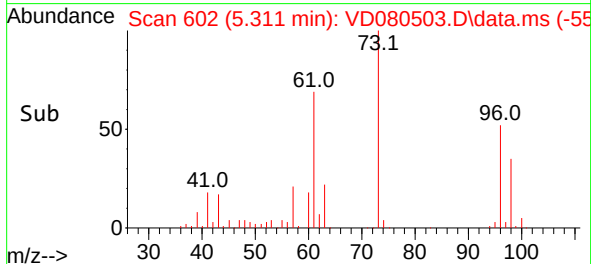
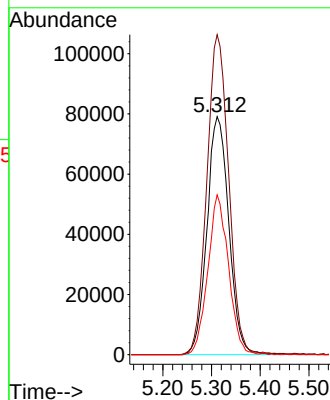
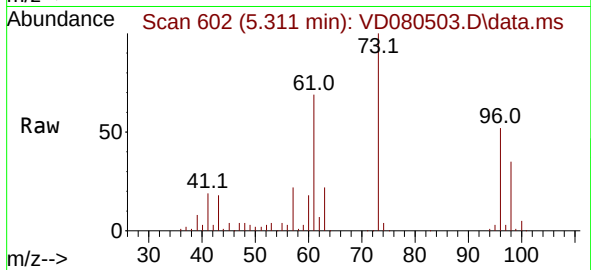




#21
trans-1,2-Dichloroethene
Concen: 46.823 ug/l
RT: 5.311 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

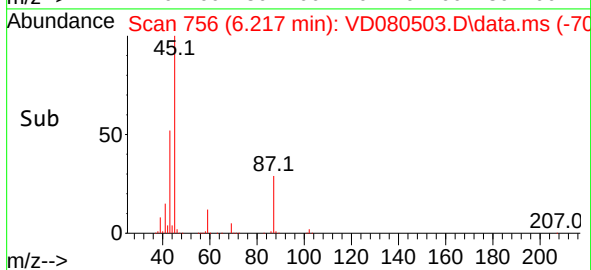
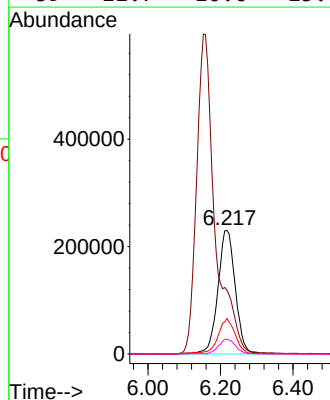
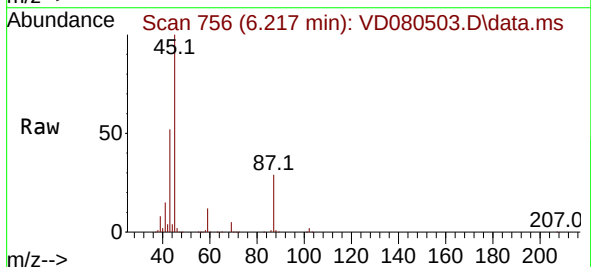
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

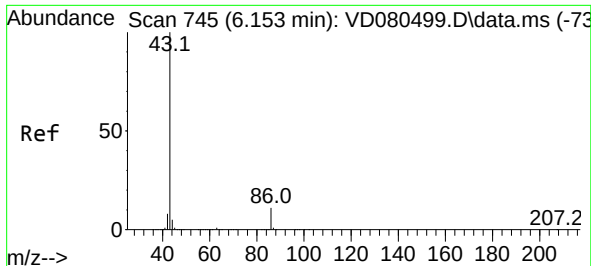
Tgt Ion: 96 Resp: 246793
Ion Ratio Lower Upper
96 100
61 134.4 107.4 161.0
98 67.1 49.9 74.9



#22
Diisopropyl ether
Concen: 46.752 ug/l
RT: 6.217 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion: 45 Resp: 768834
Ion Ratio Lower Upper
45 100
43 51.2 40.6 60.8
87 28.5 21.6 32.4
59 11.7 10.0 15.0

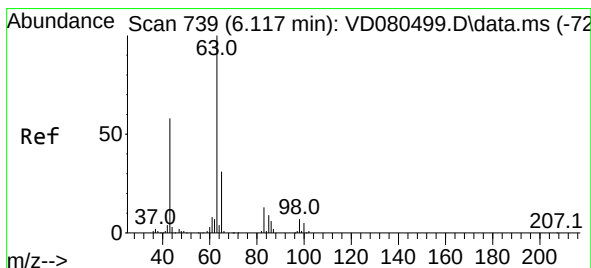
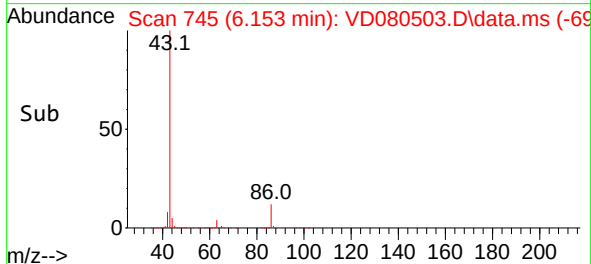
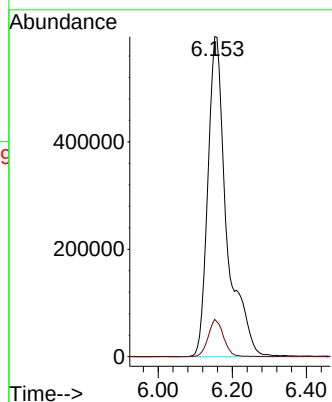
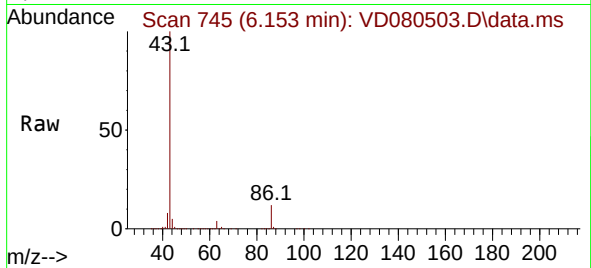




#23
 Vinyl Acetate
 Concen: 225.501 ug/l
 RT: 6.153 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD080503.D
 Acq: 27 Aug 2025 13:40

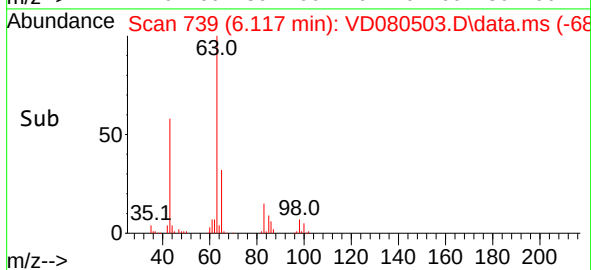
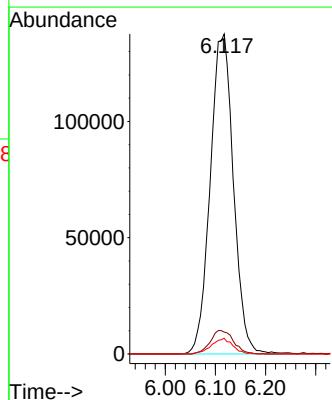
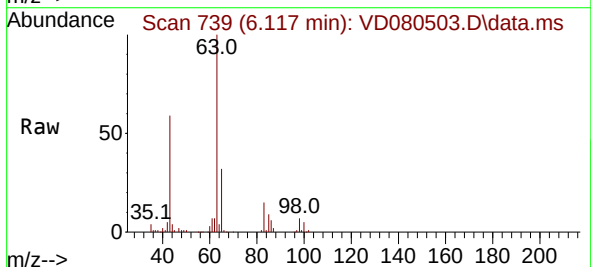
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082725

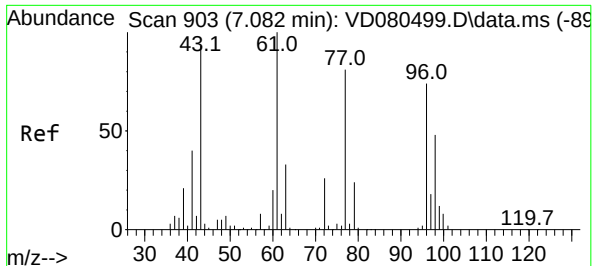
Tgt Ion: 43 Resp: 2110234
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 46.440 ug/l
 RT: 6.117 min Scan# 739
 Delta R.T. -0.000 min
 Lab File: VD080503.D
 Acq: 27 Aug 2025 13:40

Tgt Ion: 63 Resp: 442081
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 4.9 2.4 7.1

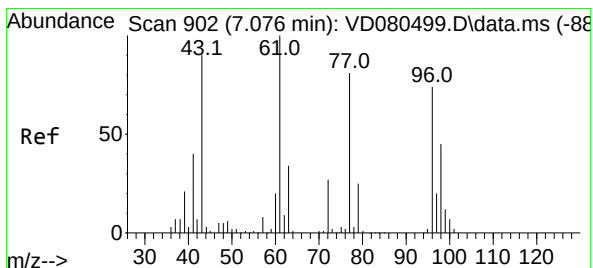
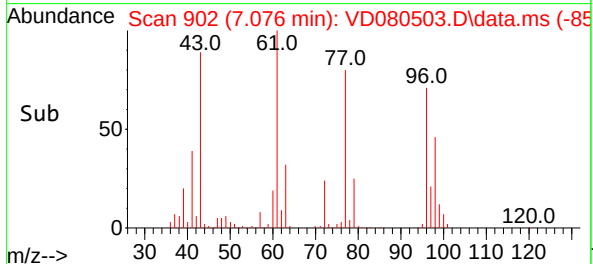
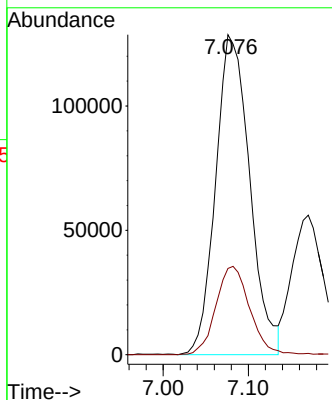
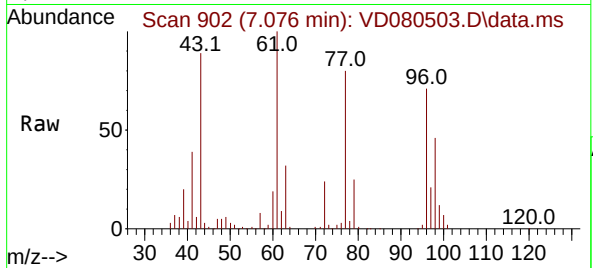




#25
2-Butanone
Concen: 227.373 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.006 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

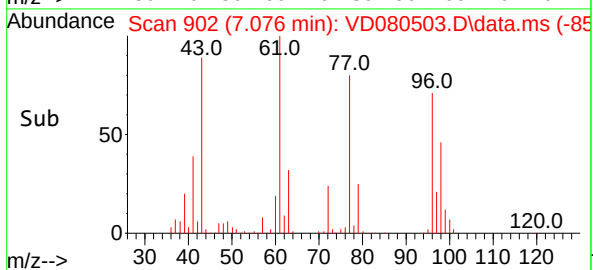
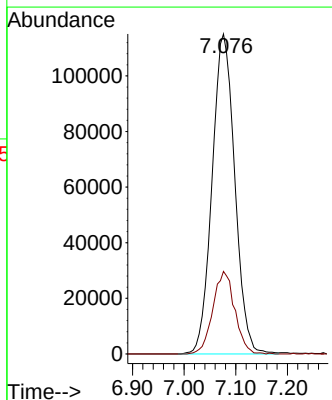
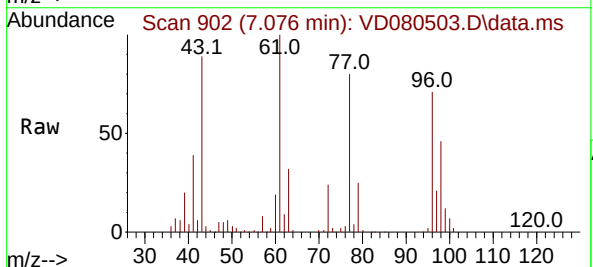
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

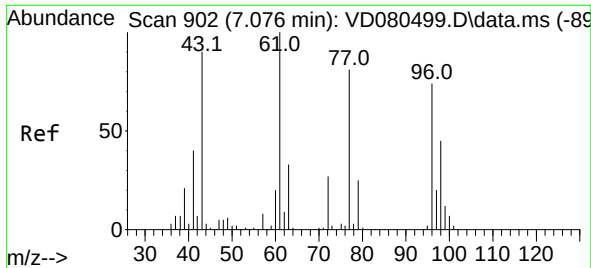
Tgt Ion: 43 Resp: 358523
Ion Ratio Lower Upper
43 100
72 27.0 22.8 34.2



#26
2,2-Dichloropropane
Concen: 46.581 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion: 77 Resp: 351081
Ion Ratio Lower Upper
77 100
97 24.8 12.4 37.0



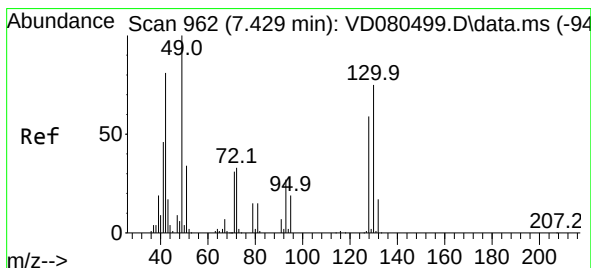
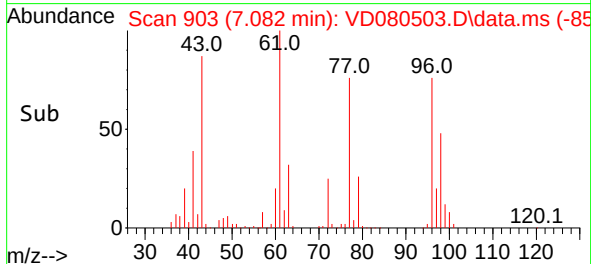
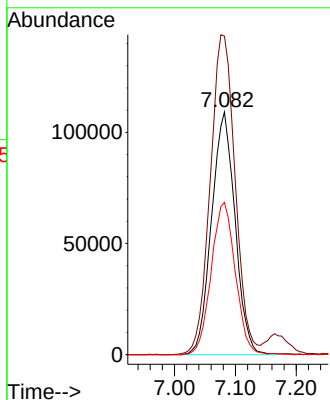
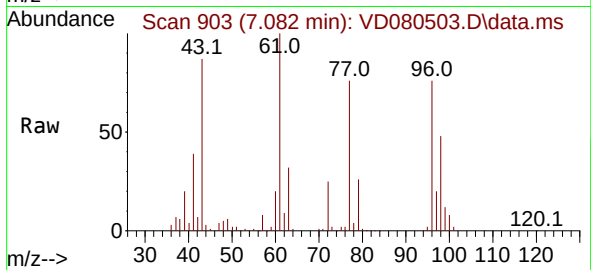


#27
 cis-1,2-Dichloroethene
 Concen: 46.612 ug/l
 RT: 7.082 min Scan# 902
 Delta R.T. 0.006 min
 Lab File: VD080503.D
 Acq: 27 Aug 2025 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082725

Tgt Ion: 96 Resp: 293212

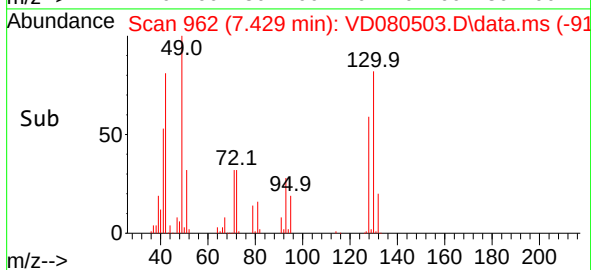
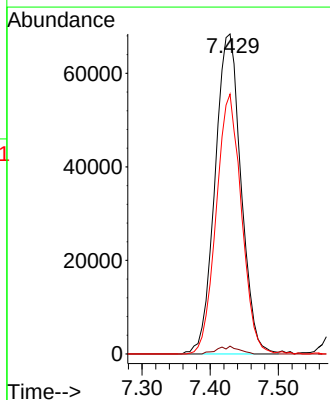
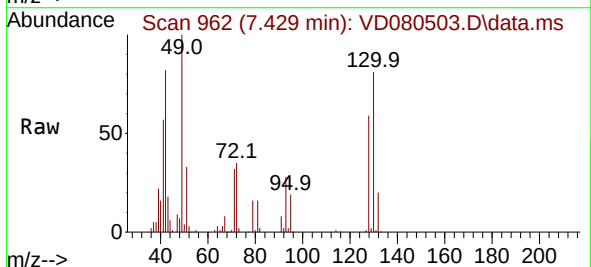
Ion	Ratio	Lower	Upper
96	100		
61	139.6	0.0	275.2
98	64.4	0.0	128.8

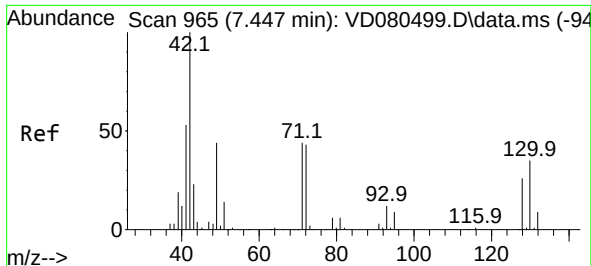


#28
 Bromochloromethane
 Concen: 46.884 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. -0.000 min
 Lab File: VD080503.D
 Acq: 27 Aug 2025 13:40

Tgt Ion: 49 Resp: 181878

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.0
130	78.7	61.1	91.7





#29

Tetrahydrofuran

Concen: 235.160 ug/l

RT: 7.441 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD080503.D

Acq: 27 Aug 2025 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082725

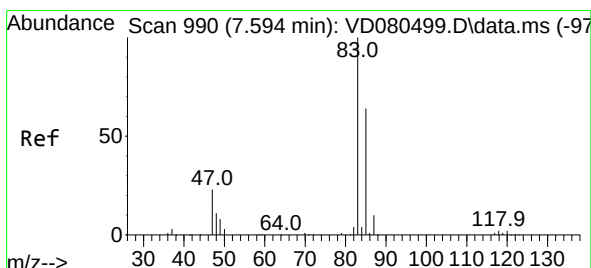
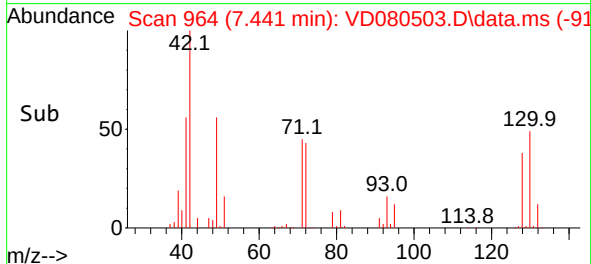
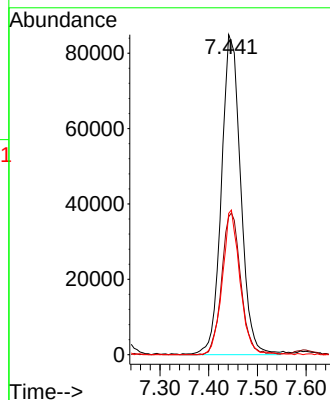
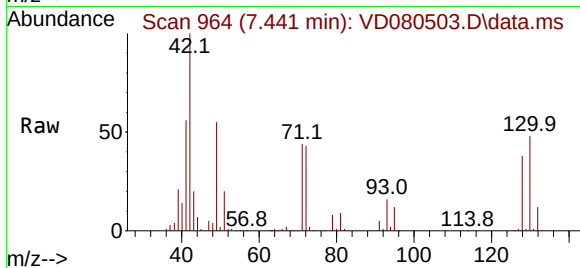
Tgt Ion: 42 Resp: 234316

Ion Ratio Lower Upper

42 100

72 43.8 34.7 52.1

71 41.4 32.9 49.3



#30

Chloroform

Concen: 47.406 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.000 min

Lab File: VD080503.D

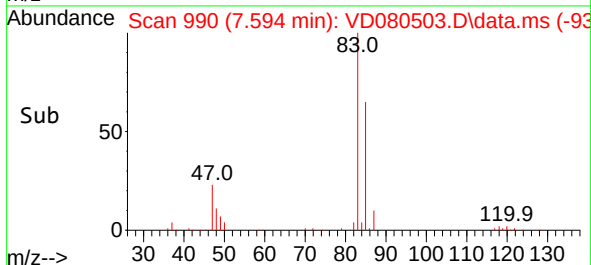
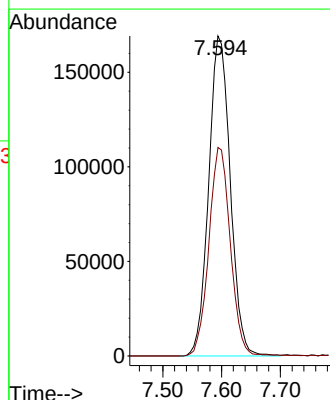
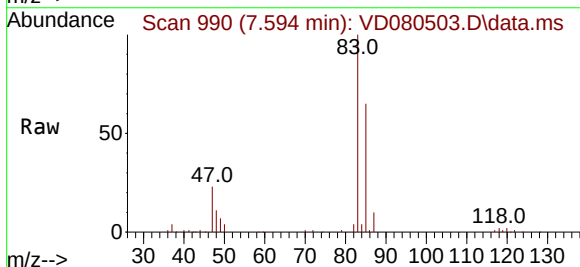
Acq: 27 Aug 2025 13:40

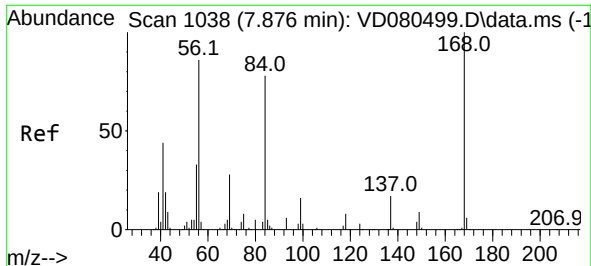
Tgt Ion: 83 Resp: 431498

Ion Ratio Lower Upper

83 100

85 65.2 51.2 76.8

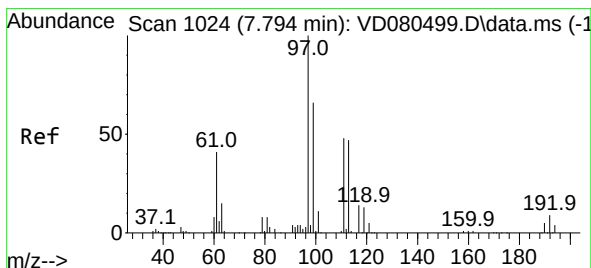
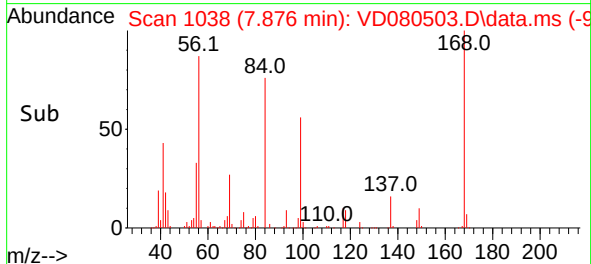
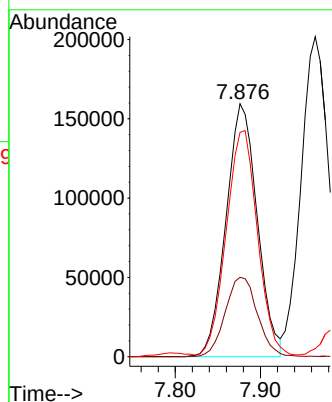
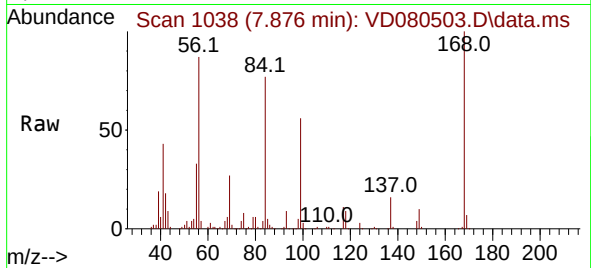




#31
Cyclohexane
Concen: 45.645 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

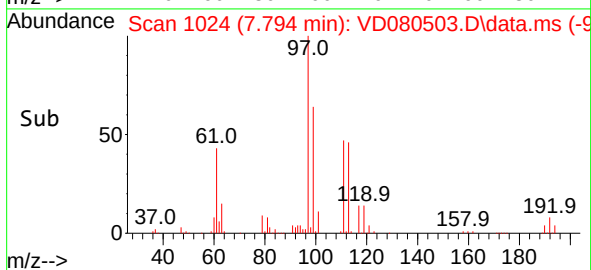
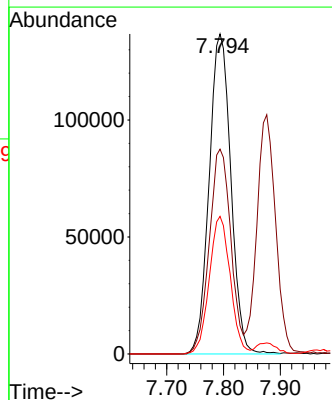
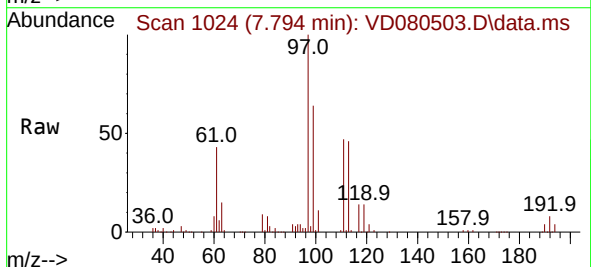
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

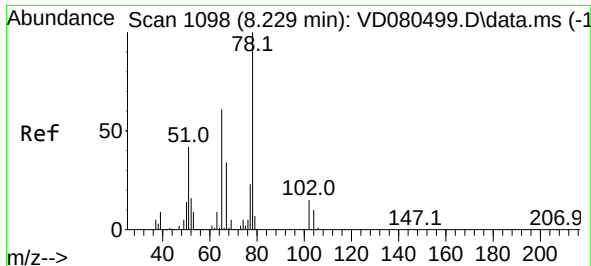
Tgt Ion: 56 Resp: 406709
Ion Ratio Lower Upper
56 100
69 31.4 26.0 39.0
84 87.3 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 47.781 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion: 97 Resp: 362130
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 41.6 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 42.390 ug/l

RT: 8.229 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD080503.D

Acq: 27 Aug 2025 13:40

Instrument :

MSVOA_D

ClientSampleId :

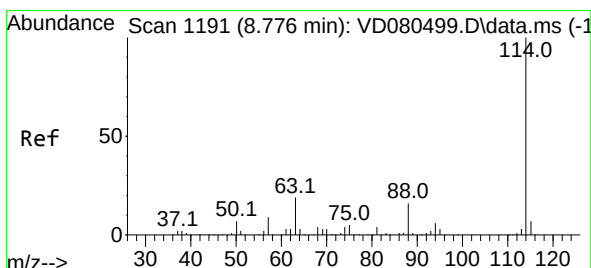
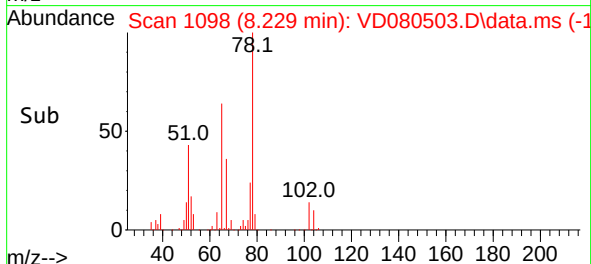
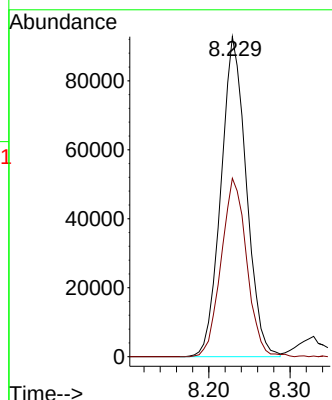
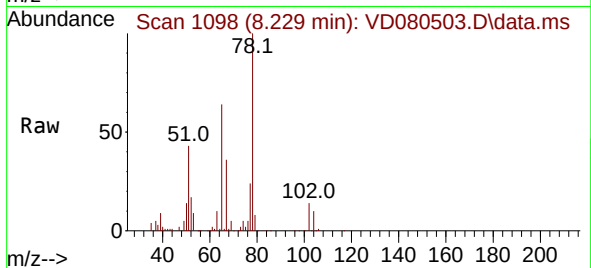
ICVVD082725

Tgt Ion: 65 Resp: 201635

Ion Ratio Lower Upper

65 100

67 55.9 0.0 113.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VD080503.D

Acq: 27 Aug 2025 13:40

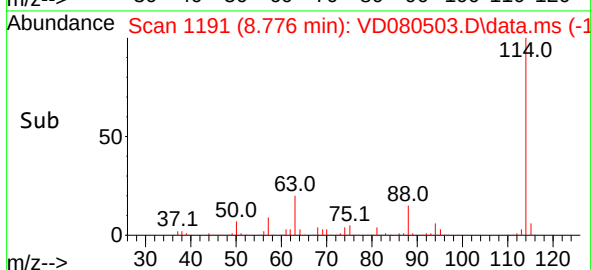
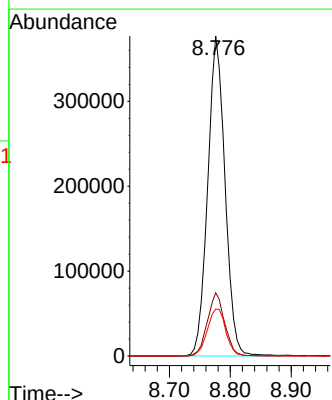
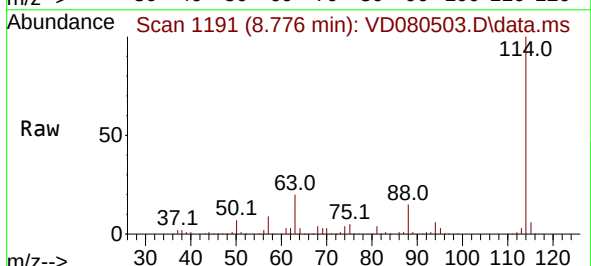
Tgt Ion:114 Resp: 743840

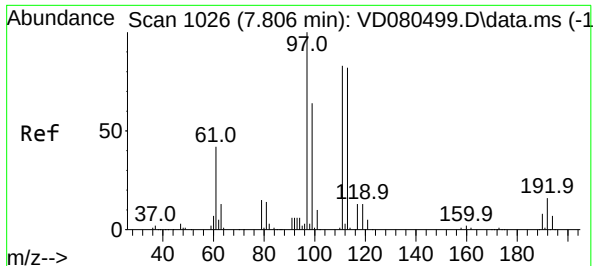
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.6

88 14.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.598 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. -0.001 min

Lab File: VD080503.D

Acq: 27 Aug 2025 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082725

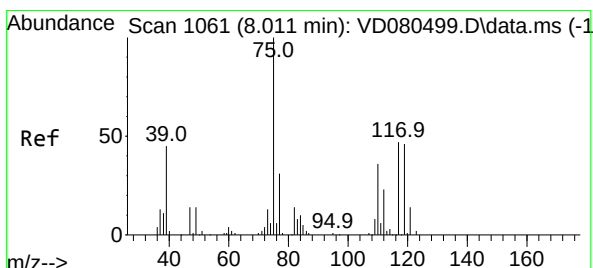
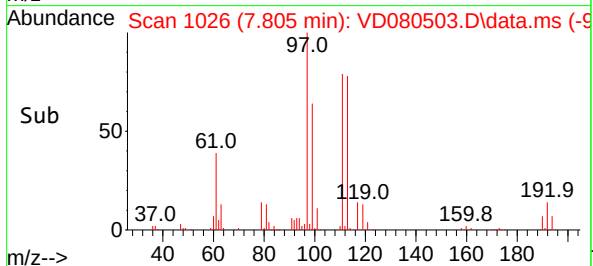
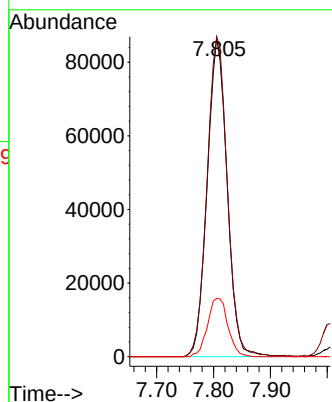
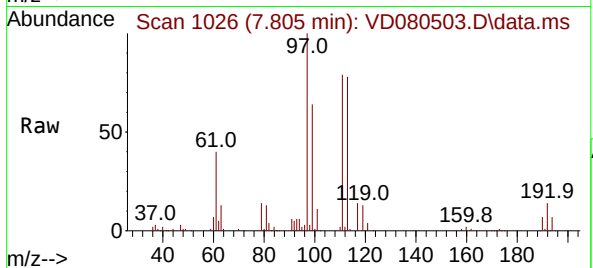
Tgt Ion:113 Resp: 210525

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

192 18.8 14.9 22.3



#36

1,1-Dichloropropene

Concen: 48.972 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.000 min

Lab File: VD080503.D

Acq: 27 Aug 2025 13:40

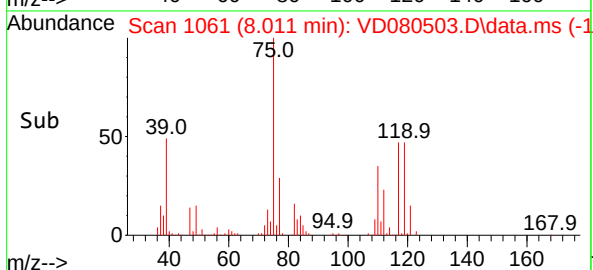
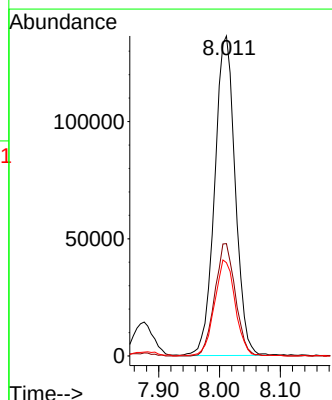
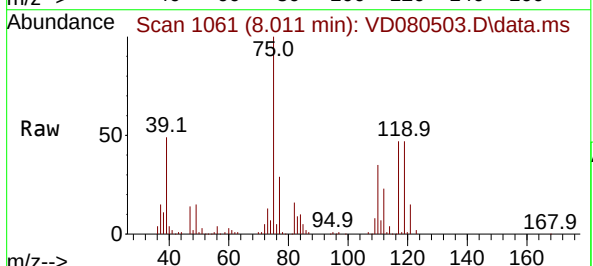
Tgt Ion: 75 Resp: 319218

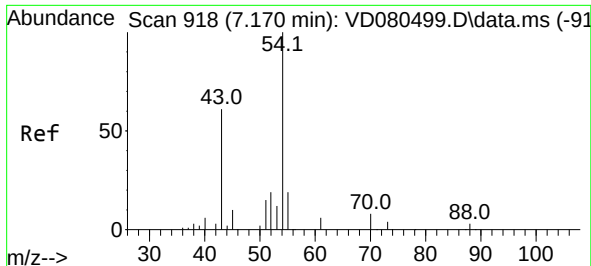
Ion Ratio Lower Upper

75 100

110 35.3 18.1 54.1

77 30.6 25.7 38.5

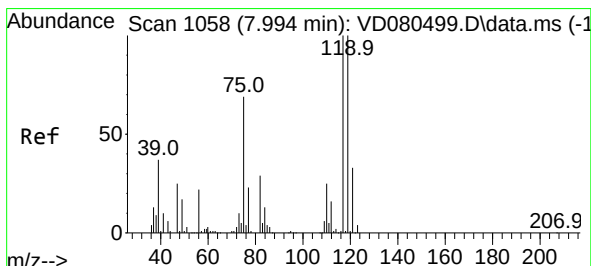
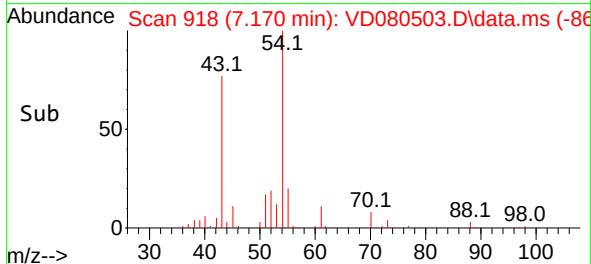
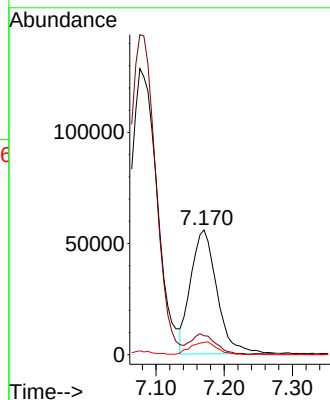
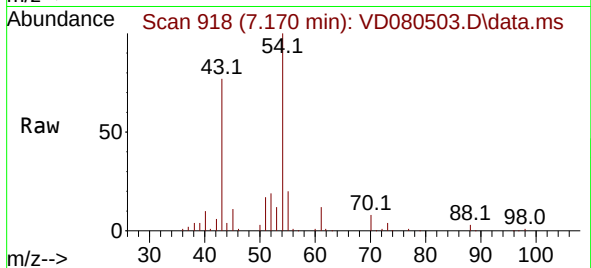




#37
Ethyl Acetate
Concen: 47.346 ug/l
RT: 7.170 min Scan# 918
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

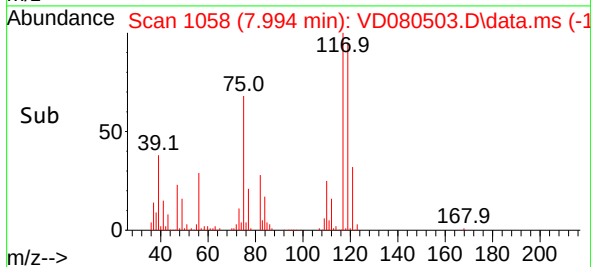
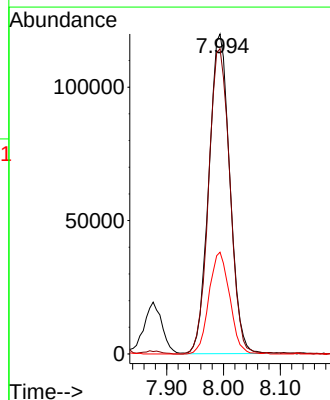
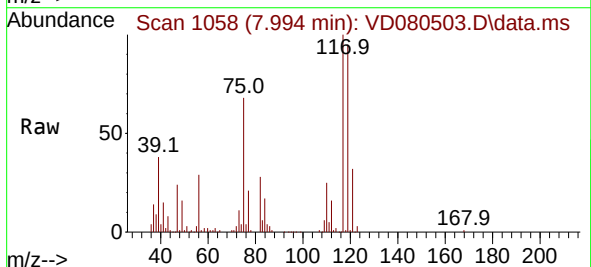
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

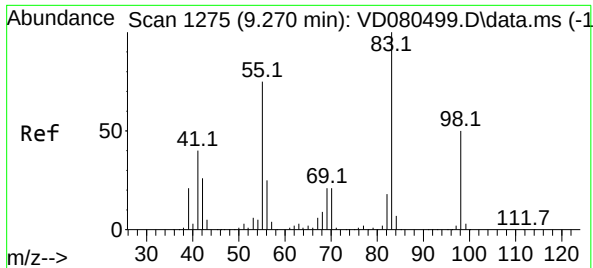
Tgt Ion: 43 Resp: 148406
Ion Ratio Lower Upper
43 100
61 16.0 11.8 17.8
70 10.4 9.0 13.4



#38
Carbon Tetrachloride
Concen: 49.538 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion: 117 Resp: 307328
Ion Ratio Lower Upper
117 100
119 95.5 80.2 120.2
121 31.9 26.8 40.2





#39

Methylcyclohexane

Concen: 49.175 ug/l

RT: 9.276 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VD080503.D

Acq: 27 Aug 2025 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082725

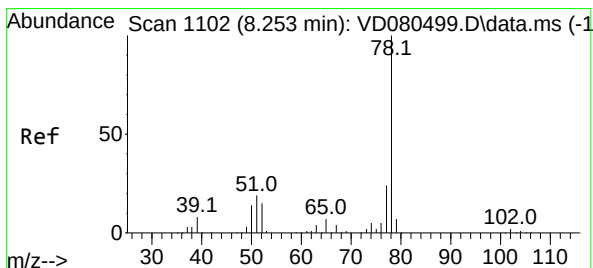
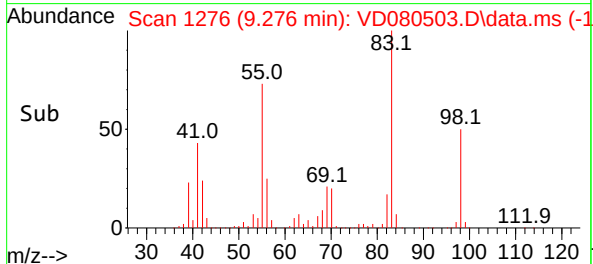
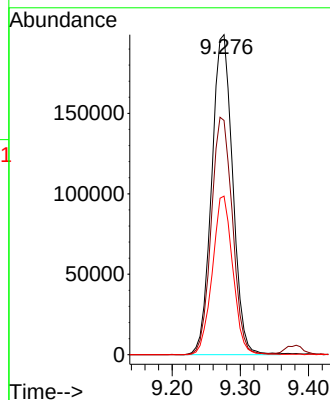
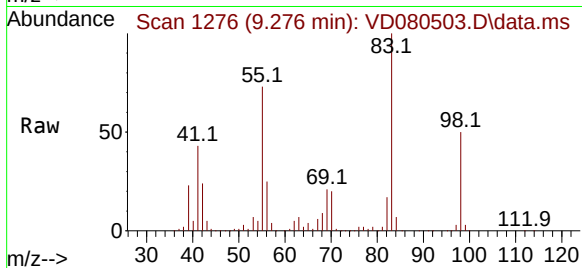
Tgt Ion: 83 Resp: 426656

Ion Ratio Lower Upper

83 100

55 73.2 60.4 90.6

98 49.6 39.8 59.6



#40

Benzene

Concen: 48.290 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VD080503.D

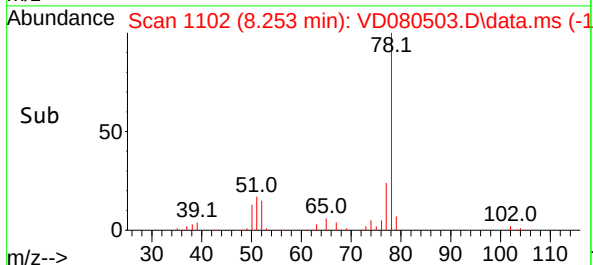
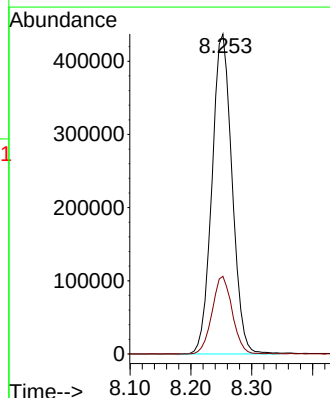
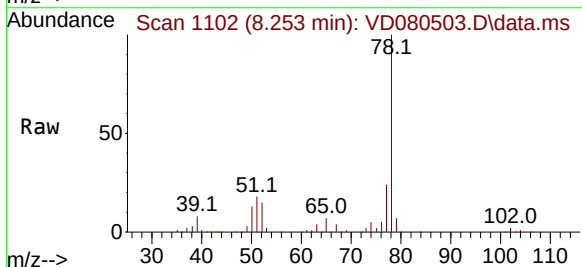
Acq: 27 Aug 2025 13:40

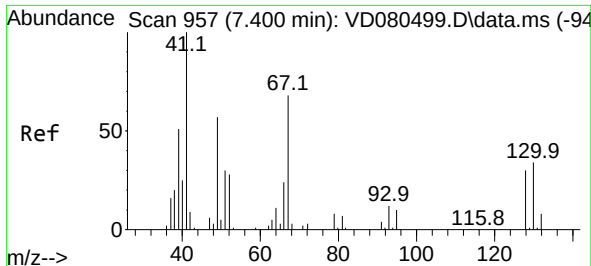
Tgt Ion: 78 Resp: 1001773

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6



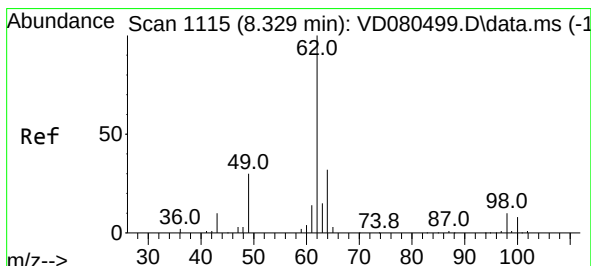
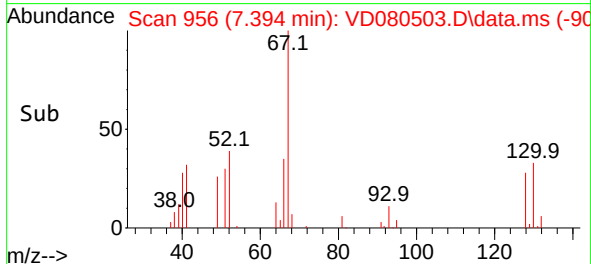
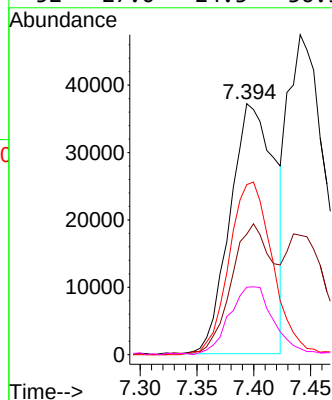
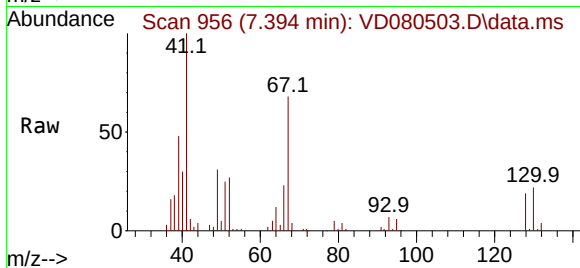


#41
Methacrylonitrile
Concen: 54.522 ug/l
RT: 7.394 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

Tgt Ion: 41 Resp: 101464

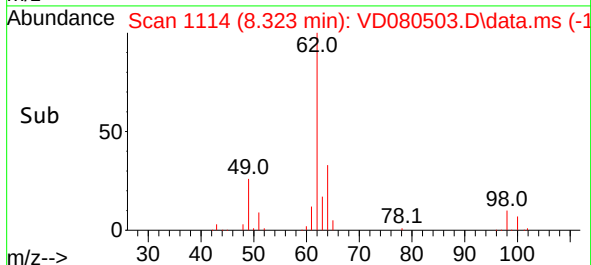
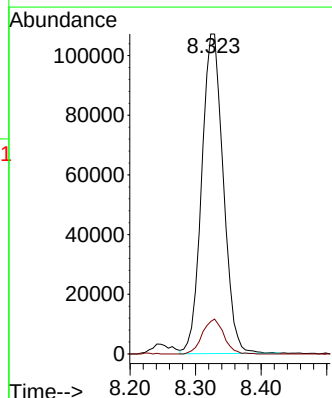
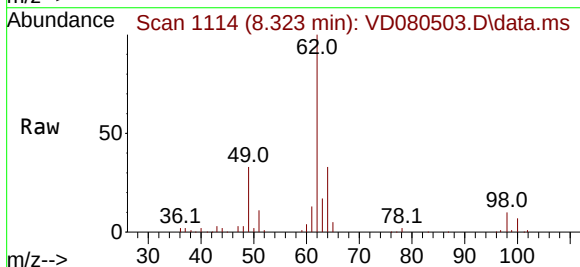
Ion	Ratio	Lower	Upper
41	100		
39	50.1	50.1	75.1
67	67.6	60.8	91.2
52	27.0	24.3	36.5

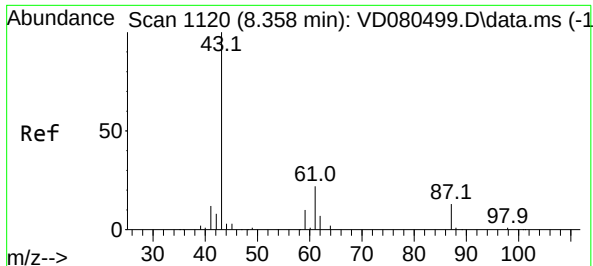


#42
1,2-Dichloroethane
Concen: 48.778 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion: 62 Resp: 245100

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.0

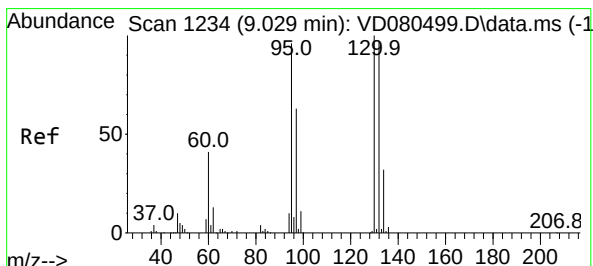
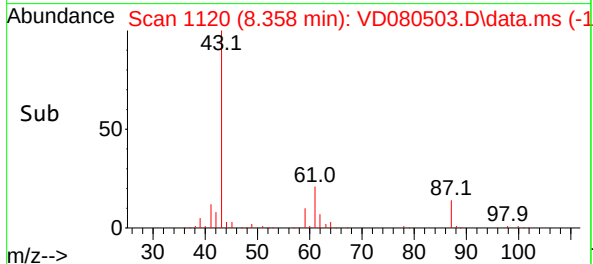
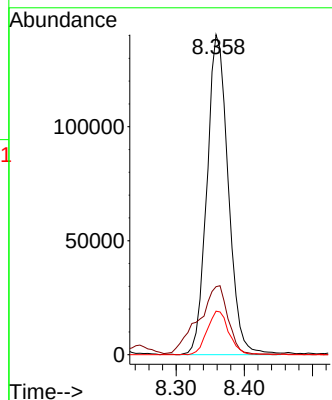
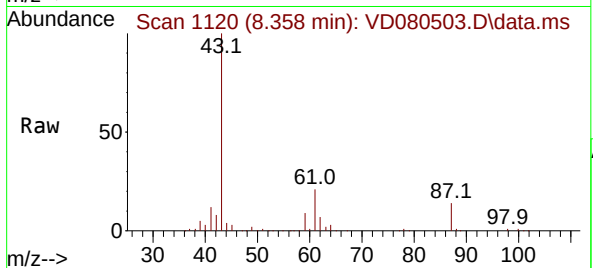




#43
Isopropyl Acetate
Concen: 47.879 ug/l
RT: 8.358 min Scan# 1120
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

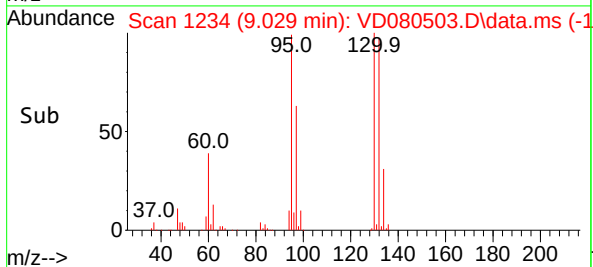
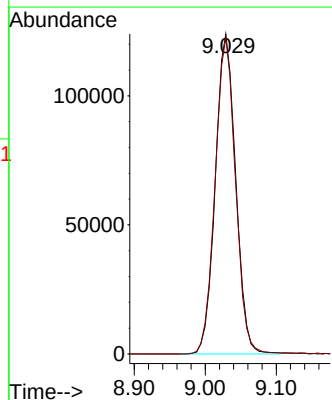
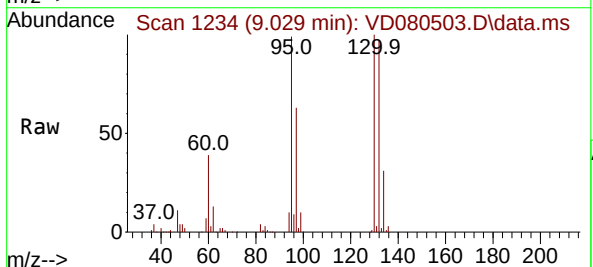
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

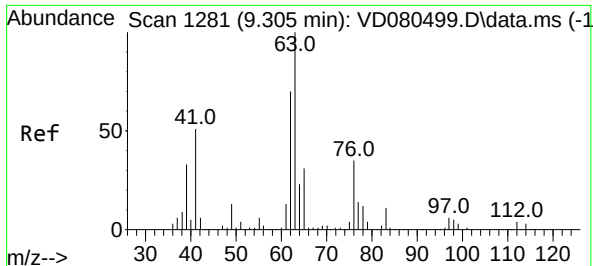
Tgt Ion: 43 Resp: 305347
Ion Ratio Lower Upper
43 100
61 29.3 24.3 36.5
87 13.8 10.9 16.3



#44
Trichloroethene
Concen: 49.063 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion:130 Resp: 246930
Ion Ratio Lower Upper
130 100
95 98.8 0.0 191.8





#45

1,2-Dichloropropane

Concen: 48.276 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD080503.D

Acq: 27 Aug 2025 13:40

Instrument :

MSVOA_D

ClientSampleId :

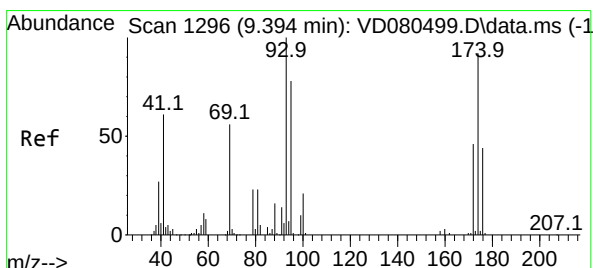
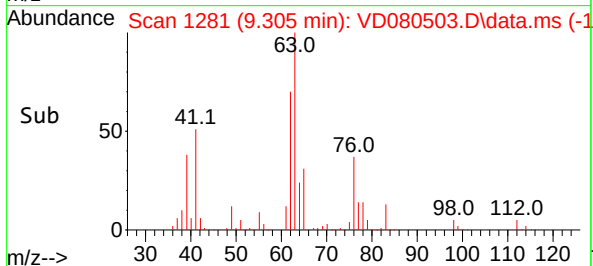
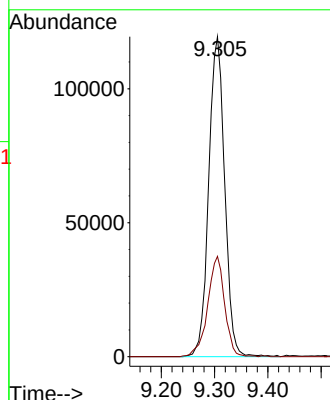
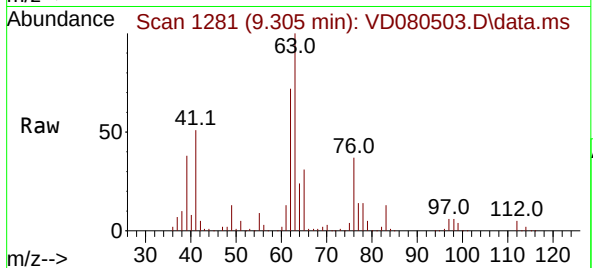
ICVVD082725

Tgt Ion: 63 Resp: 248371

Ion Ratio Lower Upper

63 100

65 31.4 24.9 37.3



#46

Dibromomethane

Concen: 50.305 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VD080503.D

Acq: 27 Aug 2025 13:40

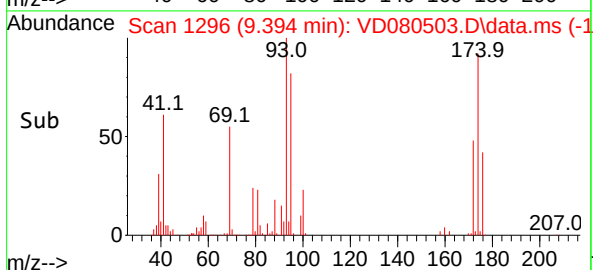
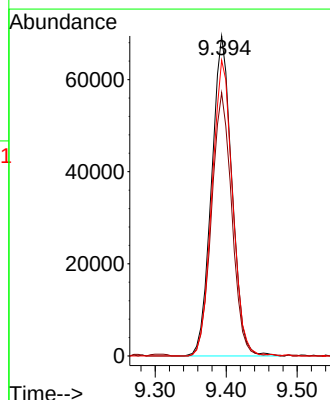
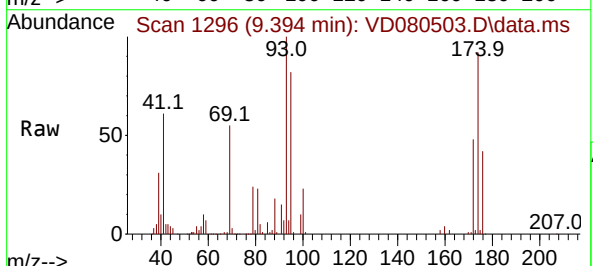
Tgt Ion: 93 Resp: 138656

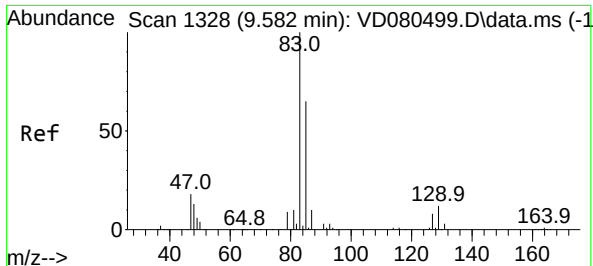
Ion Ratio Lower Upper

93 100

95 81.3 66.3 99.5

174 93.0 74.8 112.2

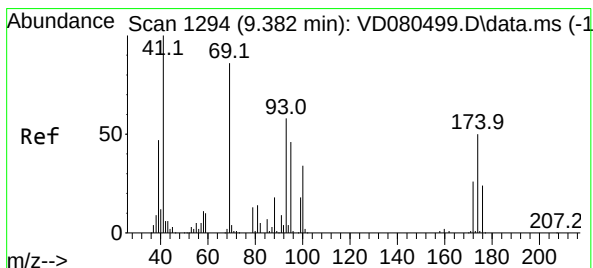
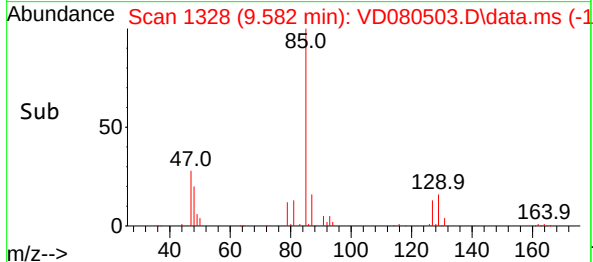
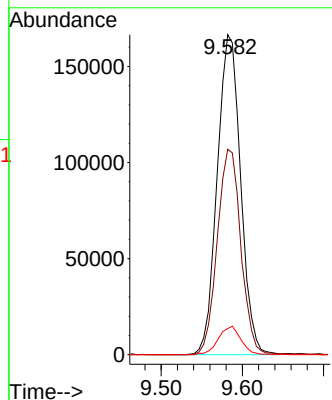
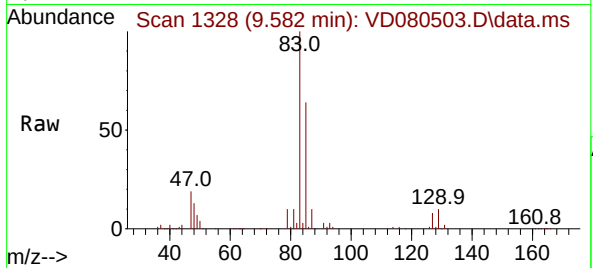




#47
Bromodichloromethane
Concen: 49.711 ug/l
RT: 9.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

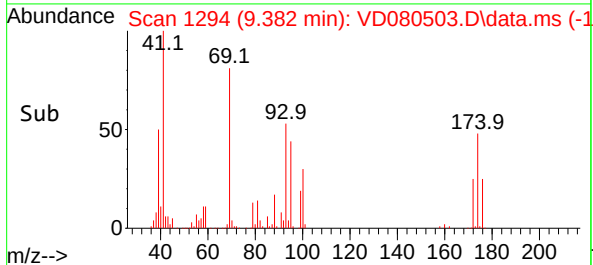
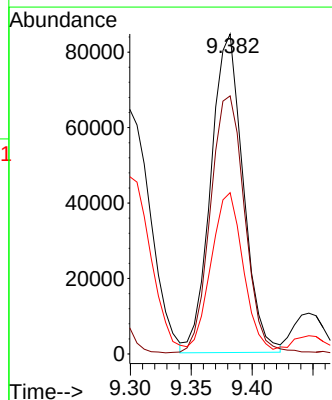
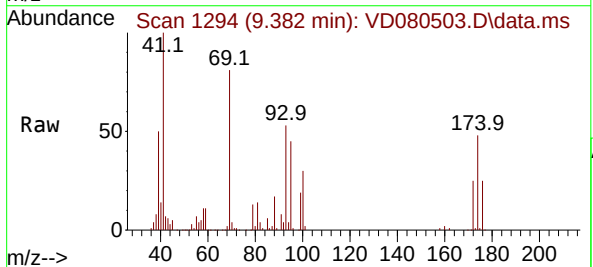
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

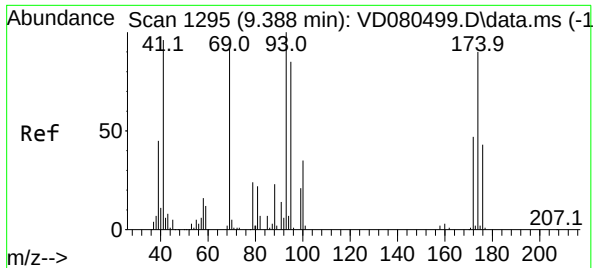
Tgt Ion: 83 Resp: 334037
Ion Ratio Lower Upper
83 100
85 64.2 52.2 78.2
127 8.2 6.6 9.8



#48
Methyl methacrylate
Concen: 49.430 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion: 41 Resp: 156276
Ion Ratio Lower Upper
41 100
69 86.9 68.7 103.1
39 47.7 36.5 54.7





#49

1,4-Dioxane

Concen: 981.194 ug/l

RT: 9.382 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD080503.D

Acq: 27 Aug 2025 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082725

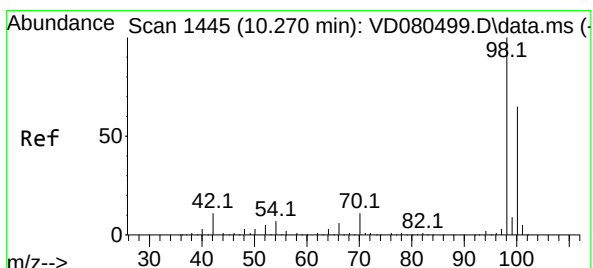
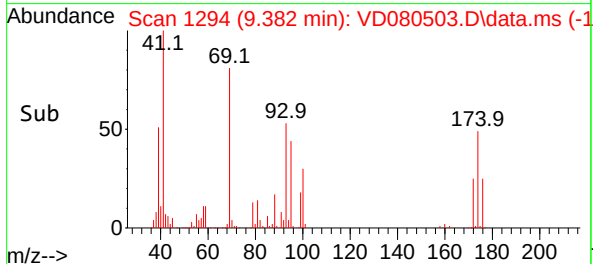
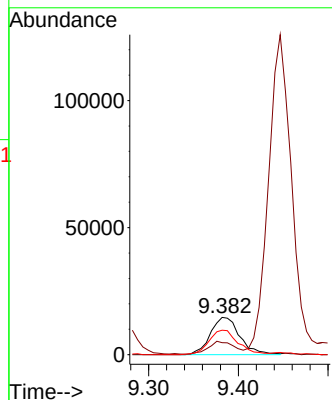
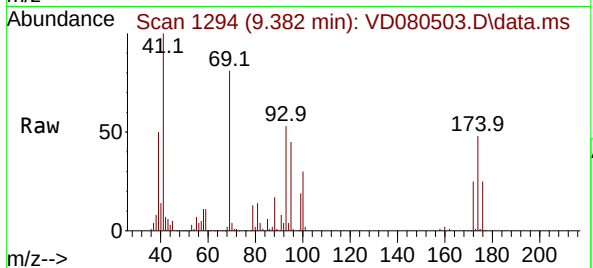
Tgt Ion: 88 Resp: 33435

Ion Ratio Lower Upper

88 100

43 30.2 26.1 39.1

58 65.3 54.2 81.2



#50

Toluene-d8

Concen: 47.066 ug/l

RT: 10.264 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VD080503.D

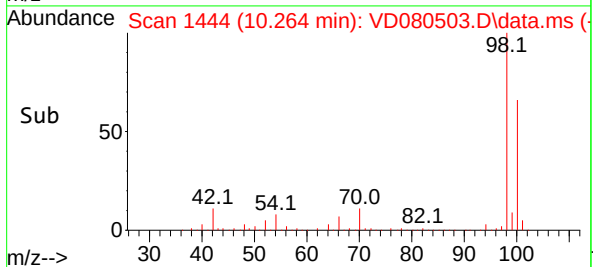
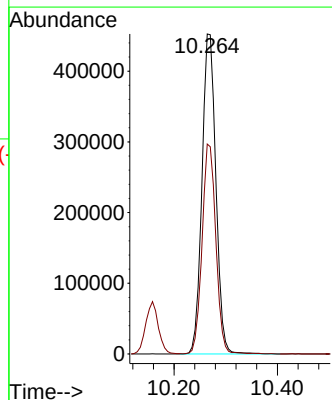
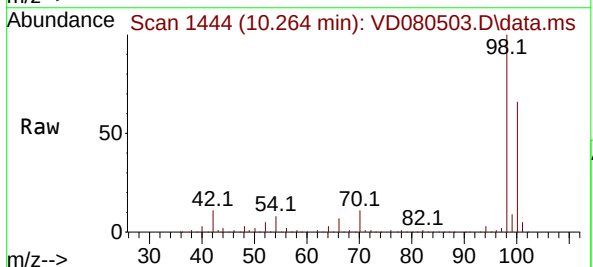
Acq: 27 Aug 2025 13:40

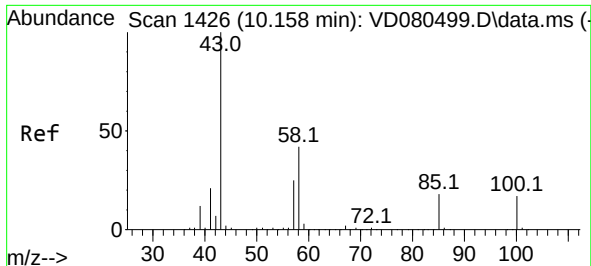
Tgt Ion: 98 Resp: 843864

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.6

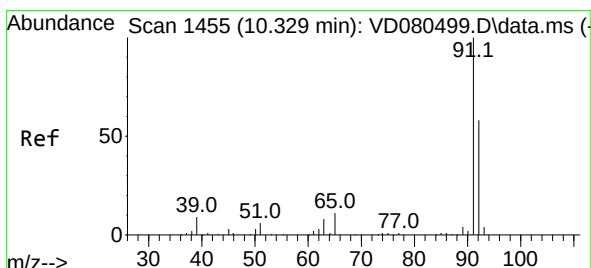
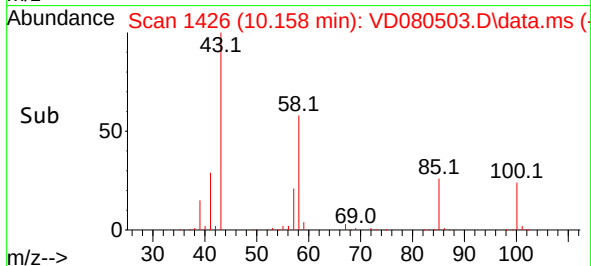
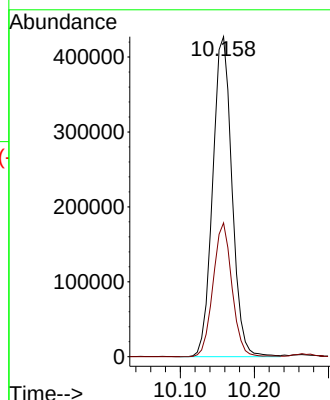
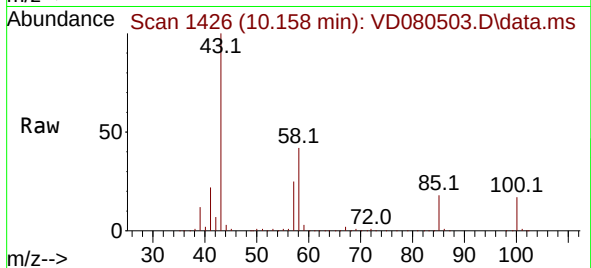




#51
4-Methyl-2-Pentanone
Concen: 242.732 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

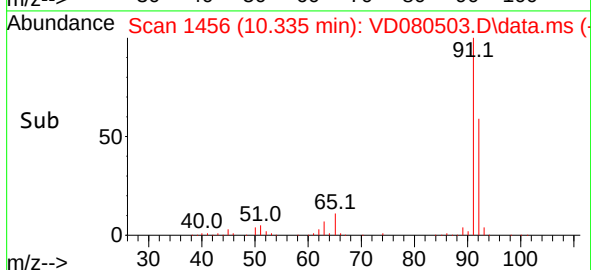
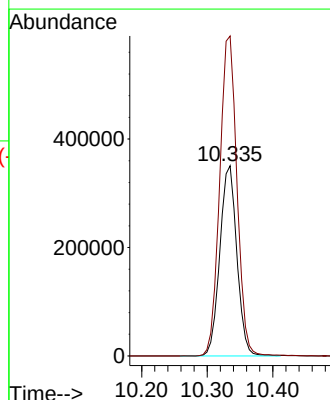
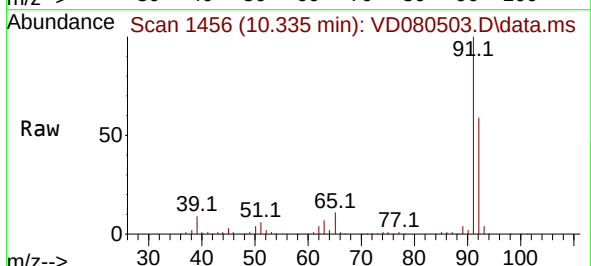
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

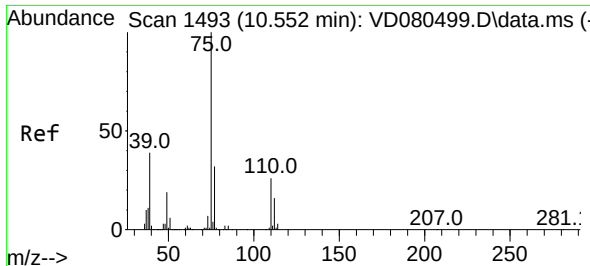
Tgt Ion: 43 Resp: 772024
Ion Ratio Lower Upper
43 100
58 40.9 32.8 49.2



#52
Toluene
Concen: 48.693 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion: 92 Resp: 629956
Ion Ratio Lower Upper
92 100
91 171.0 138.8 208.2

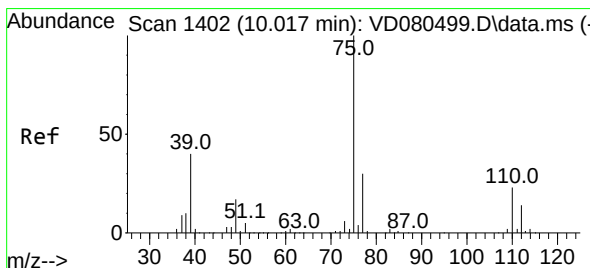
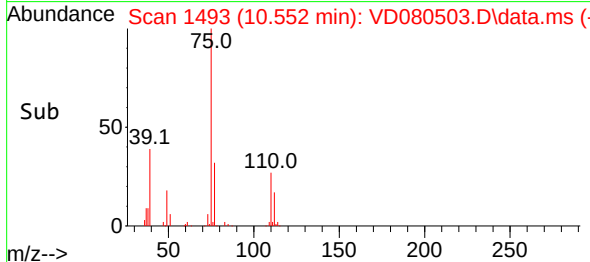
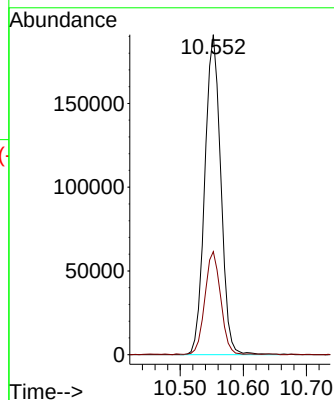
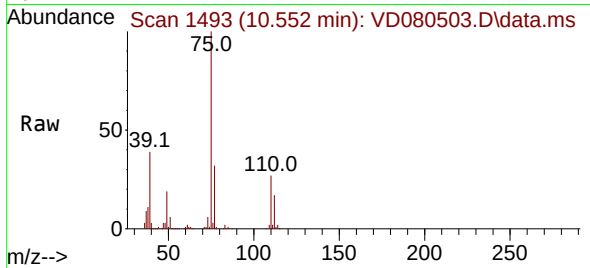




#53
t-1,3-Dichloropropene
Concen: 49.073 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

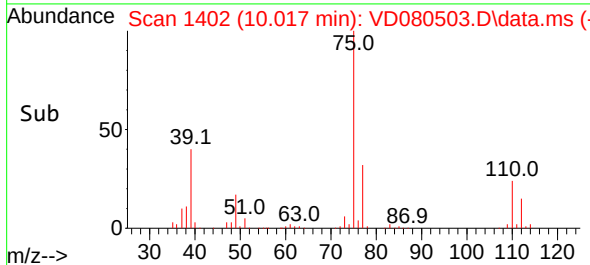
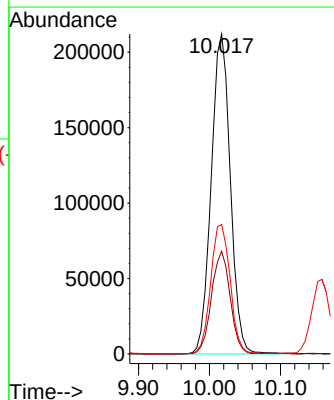
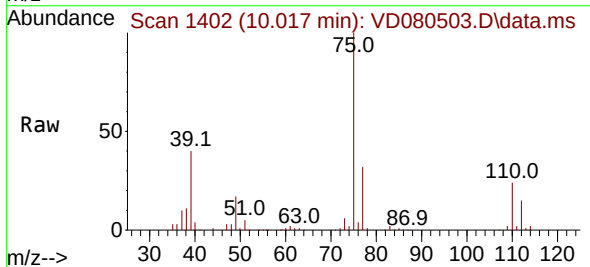
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

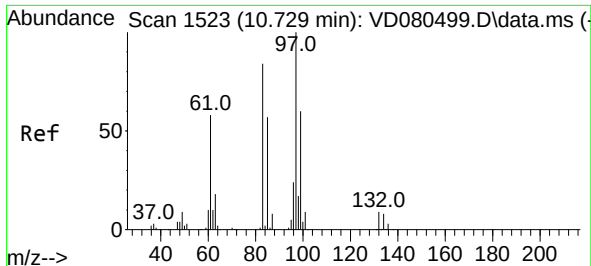
Tgt Ion: 75 Resp: 336059
Ion Ratio Lower Upper
75 100
77 32.2 25.9 38.9



#54
cis-1,3-Dichloropropene
Concen: 48.393 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion: 75 Resp: 396311
Ion Ratio Lower Upper
75 100
77 32.1 24.2 36.4
39 40.3 31.8 47.6

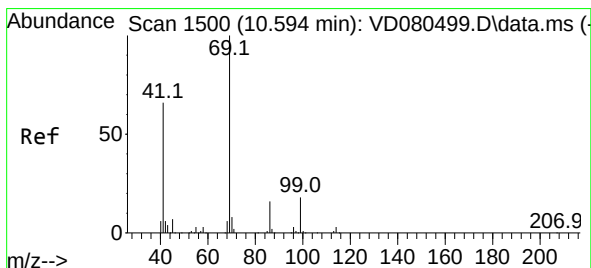
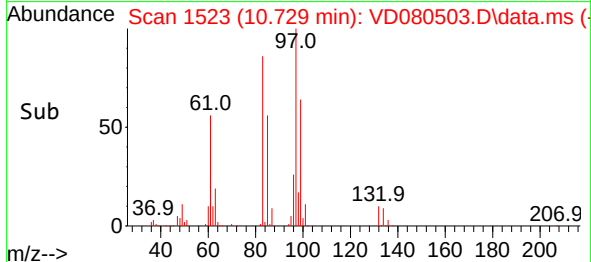
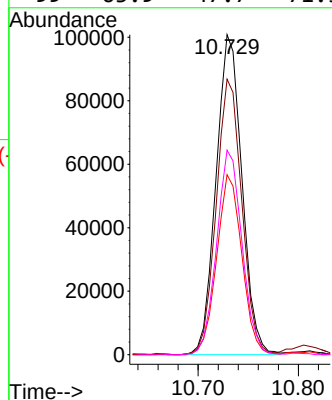
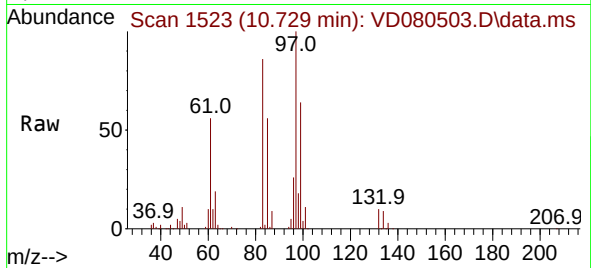




#55
1,1,2-Trichloroethane
Concen: 48.806 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

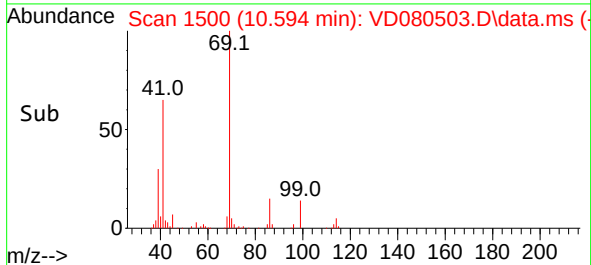
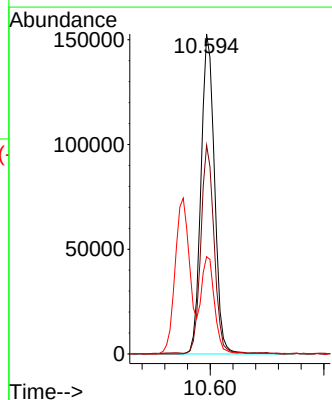
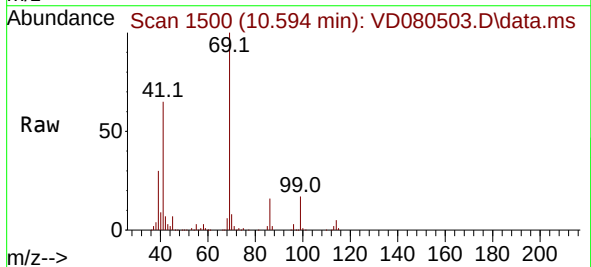
Instrument : MSVOA_D
ClientSampleId : ICVVD082725

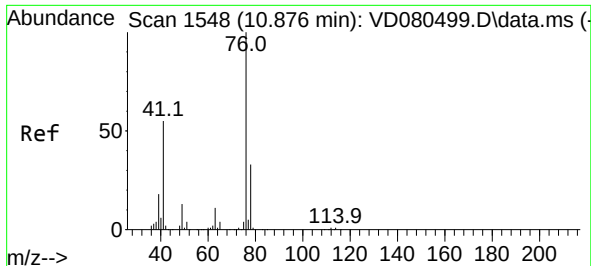
Tgt Ion:	97	Resp:	180366
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.0	100.6
85	56.2	45.6	68.4
99	63.9	47.7	71.5



#56
Ethyl methacrylate
Concen: 48.975 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion:	69	Resp:	252166
Ion	Ratio	Lower	Upper
69	100		
41	63.4	51.9	77.9
39	29.6	23.6	35.4





#57

1,3-Dichloropropane

Concen: 49.128 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. -0.000 min

Lab File: VD080503.D

Acq: 27 Aug 2025 13:40

Instrument :

MSVOA_D

ClientSampleId :

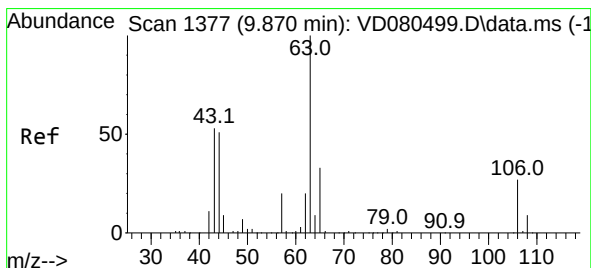
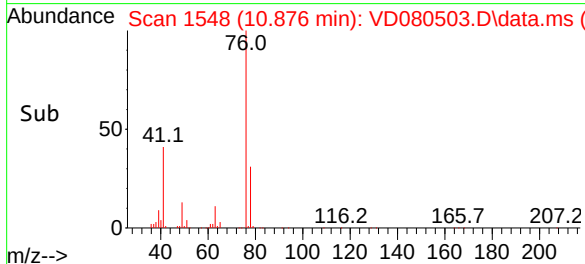
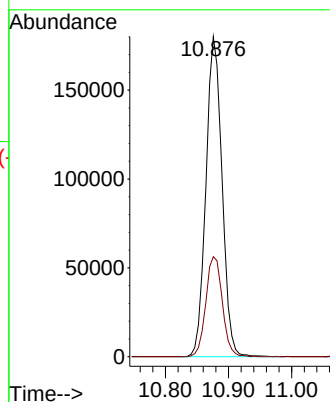
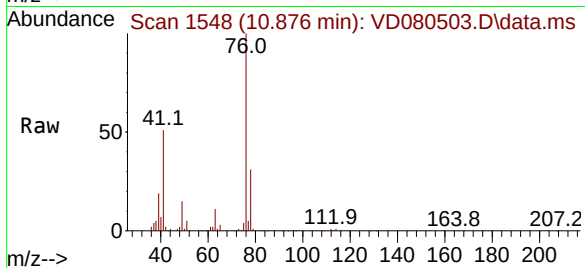
ICVVD082725

Tgt Ion: 76 Resp: 318633

Ion Ratio Lower Upper

76 100

78 32.0 26.9 40.3



#58

2-Chloroethyl Vinyl ether

Concen: 250.267 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VD080503.D

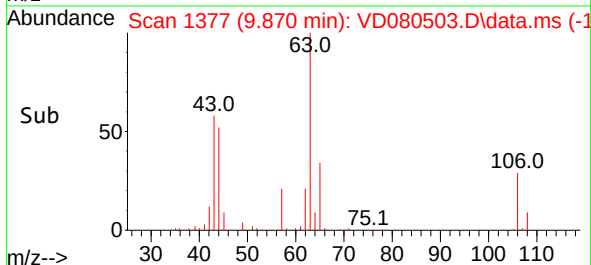
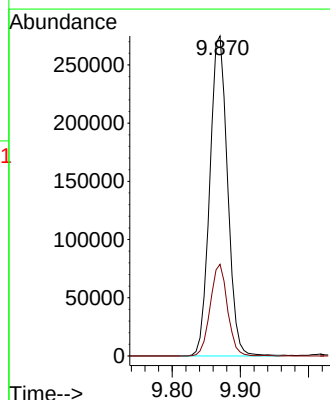
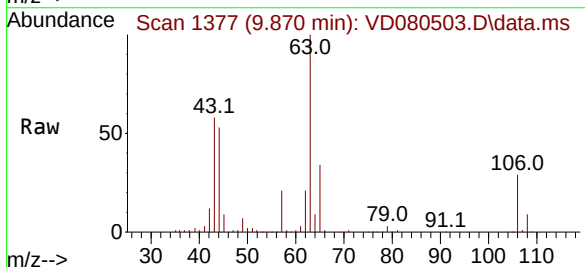
Acq: 27 Aug 2025 13:40

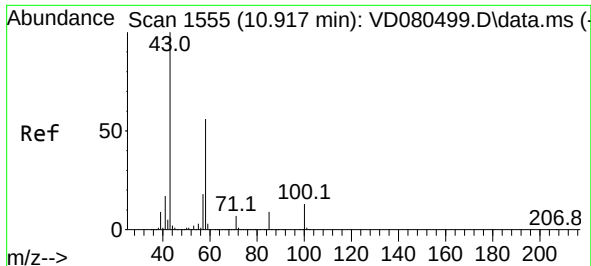
Tgt Ion: 63 Resp: 498660

Ion Ratio Lower Upper

63 100

106 27.7 22.1 33.1

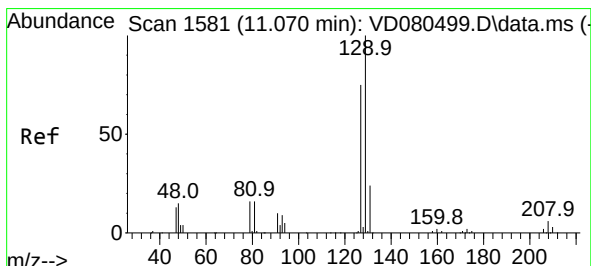
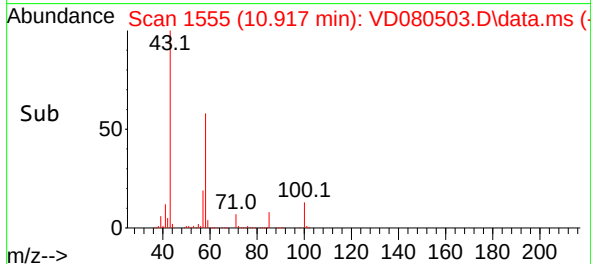
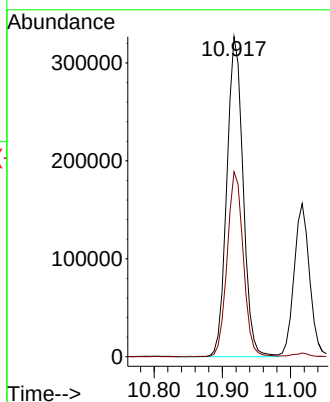
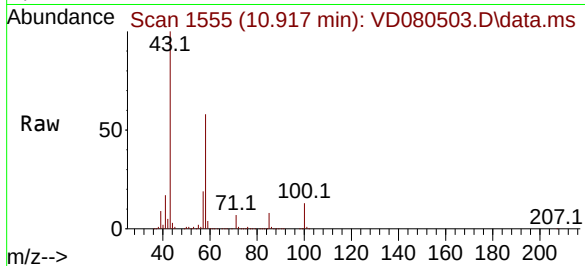




#59
2-Hexanone
Concen: 240.064 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

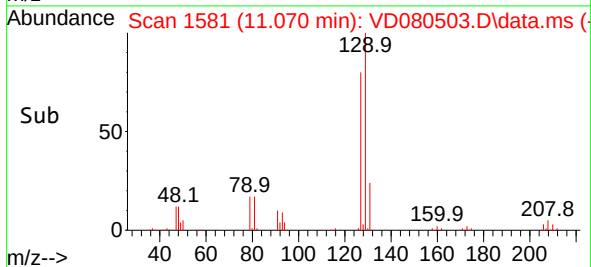
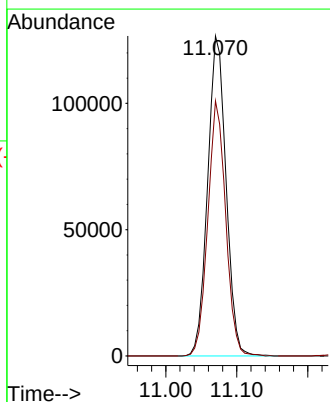
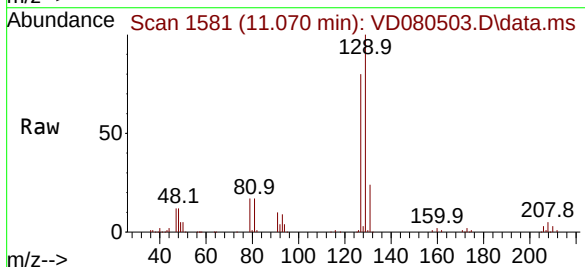
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

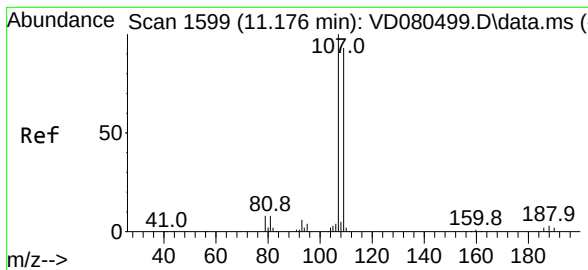
Tgt Ion: 43 Resp: 542514
Ion Ratio Lower Upper
43 100
58 57.3 28.3 85.0



#60
Dibromochloromethane
Concen: 49.076 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion:129 Resp: 228562
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7

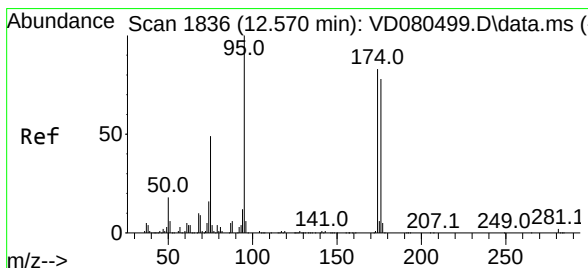
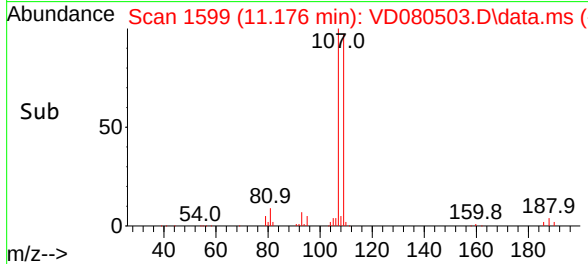
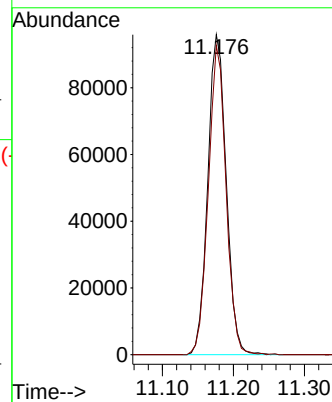
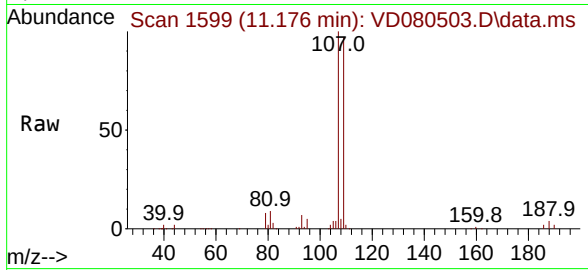




#61
1,2-Dibromoethane
Concen: 49.200 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

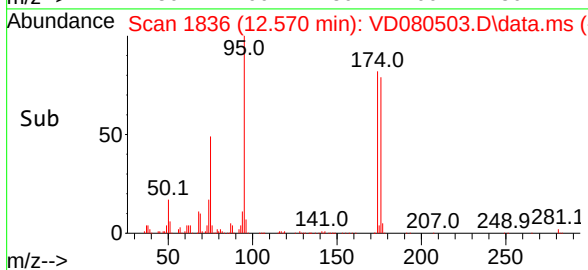
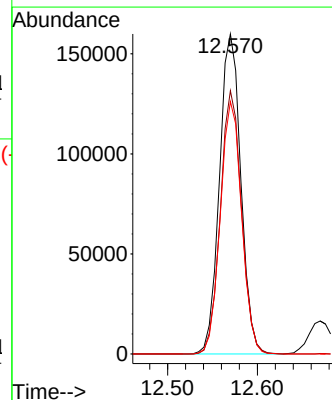
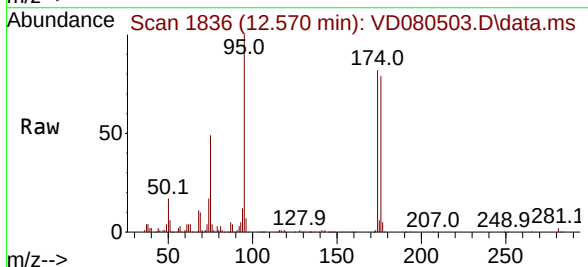
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

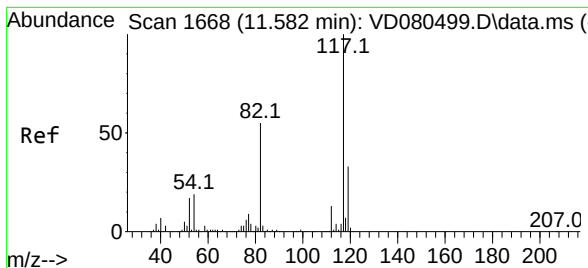
Tgt Ion:107 Resp: 173005
Ion Ratio Lower Upper
107 100
109 93.2 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 46.750 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion: 95 Resp: 264213
Ion Ratio Lower Upper
95 100
174 81.4 0.0 162.6
176 78.8 0.0 156.0

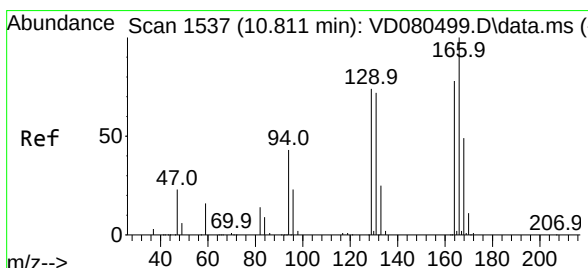
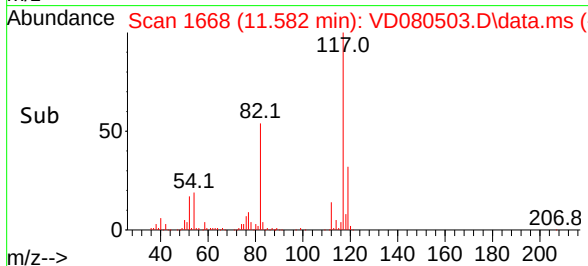
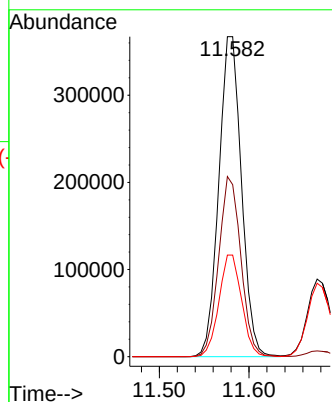
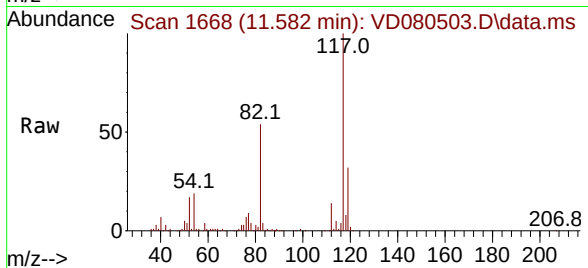




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

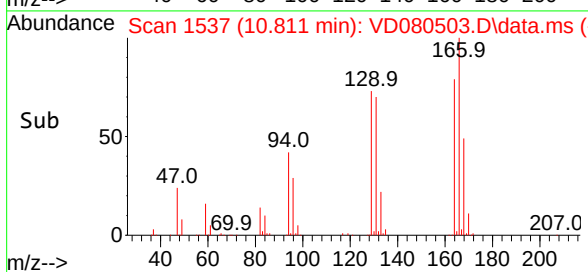
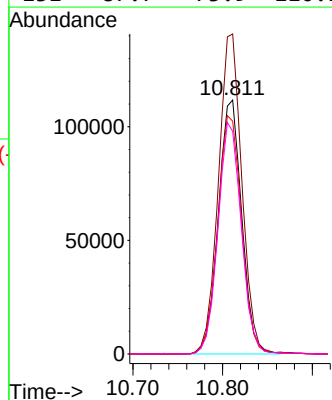
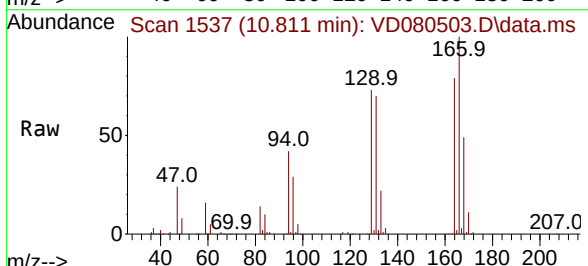
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

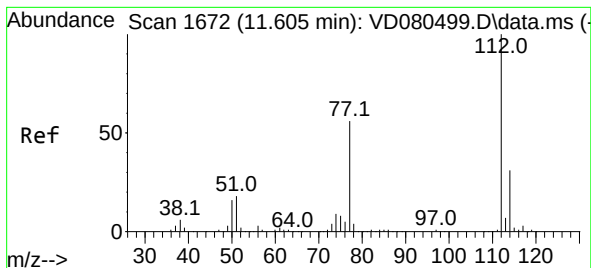
Tgt Ion:117 Resp: 643880
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.6
119 31.7 26.1 39.1



#64
Tetrachloroethene
Concen: 50.935 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion:164 Resp: 202536
Ion Ratio Lower Upper
164 100
166 126.1 103.1 154.7
129 91.7 76.2 114.2
131 87.7 73.9 110.9





#65

Chlorobenzene

Concen: 49.755 ug/l

RT: 11.605 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080503.D

Acq: 27 Aug 2025 13:40

Instrument :

MSVOA_D

ClientSampleId :

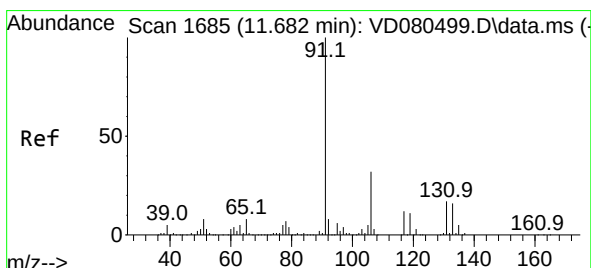
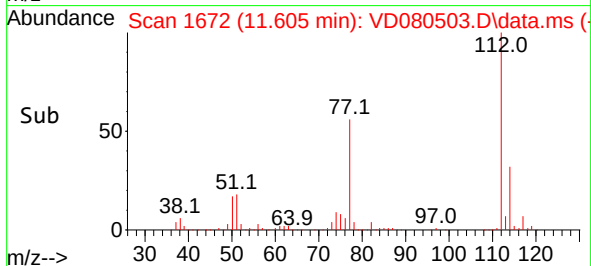
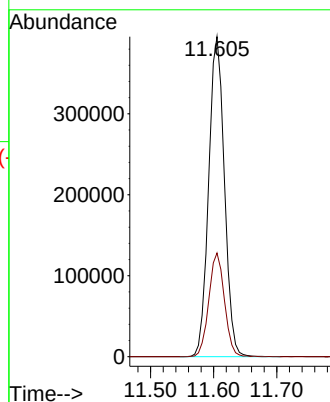
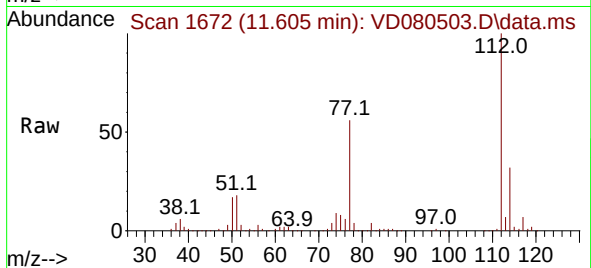
ICVVD082725

Tgt Ion:112 Resp: 682688

Ion Ratio Lower Upper

112 100

114 32.4 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 50.561 ug/l

RT: 11.676 min Scan# 1684

Delta R.T. -0.006 min

Lab File: VD080503.D

Acq: 27 Aug 2025 13:40

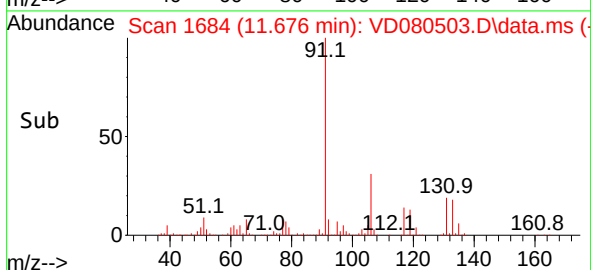
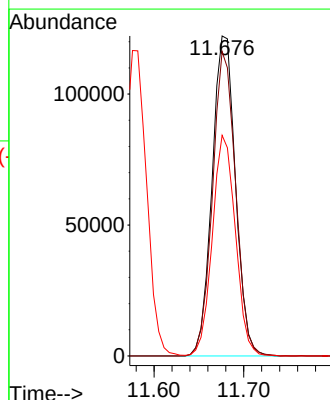
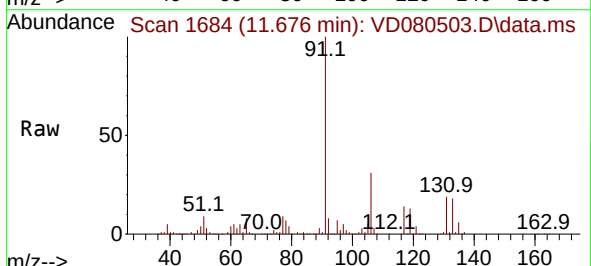
Tgt Ion:131 Resp: 221276

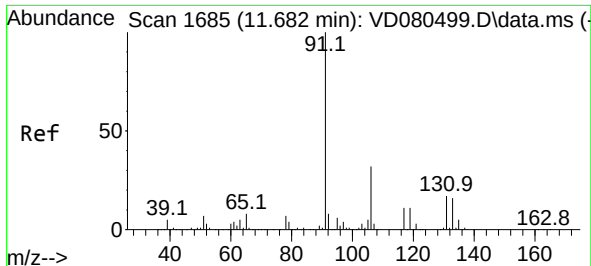
Ion Ratio Lower Upper

131 100

133 93.9 47.8 143.3

119 68.1 34.6 103.9

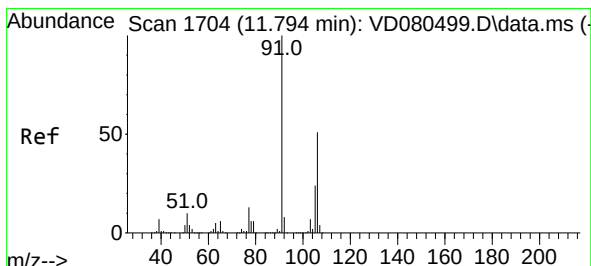
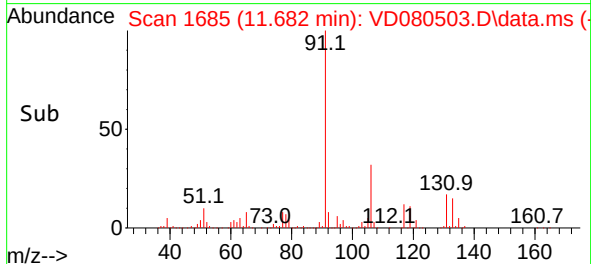
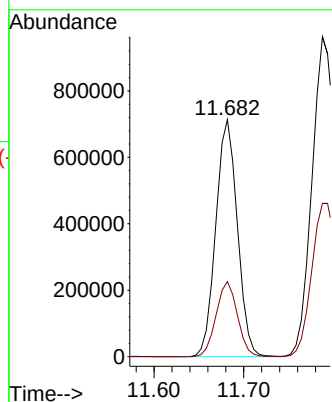
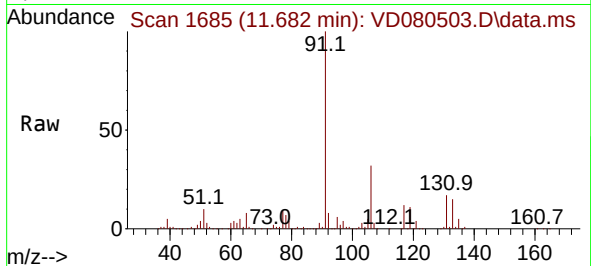




#67
Ethyl Benzene
Concen: 50.138 ug/l
RT: 11.682 min Scan# 1190717
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

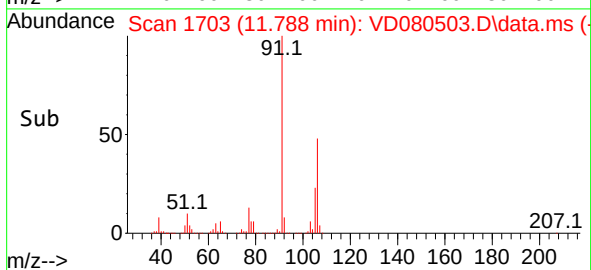
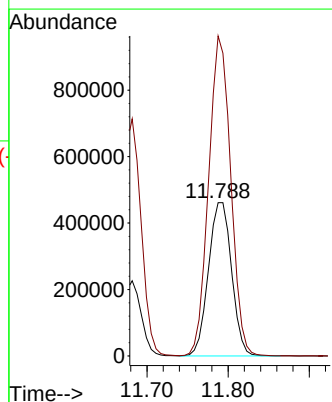
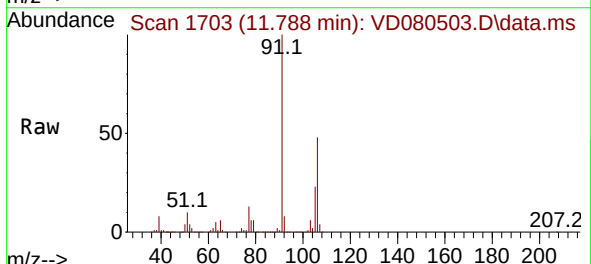
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

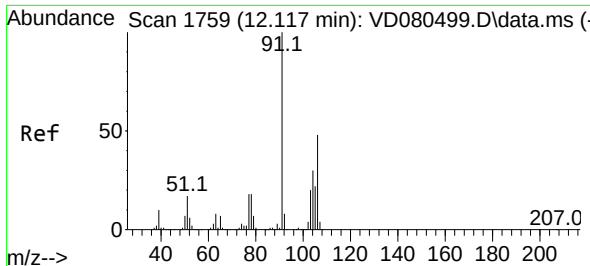
Tgt Ion: 91 Resp: 1190717
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0



#68
m/p-Xylenes
Concen: 99.912 ug/l
RT: 11.788 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion: 106 Resp: 913617
Ion Ratio Lower Upper
106 100
91 199.7 158.5 237.7

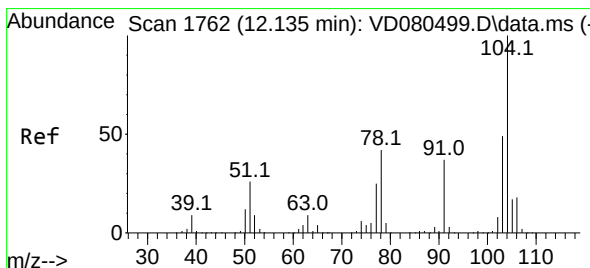
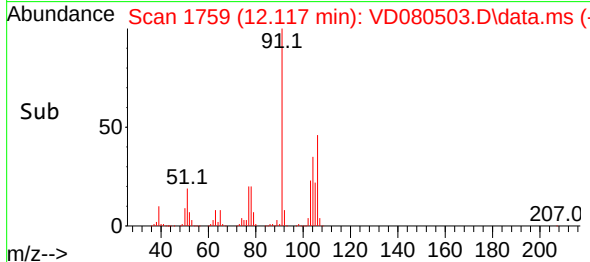
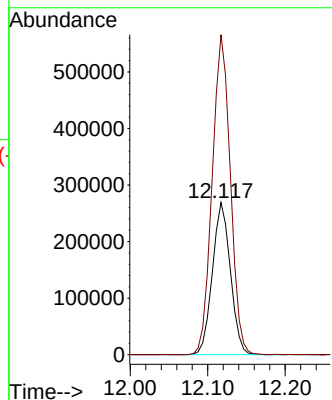
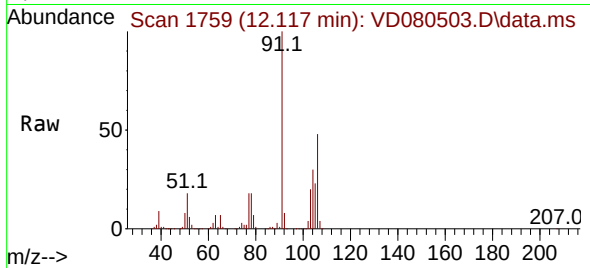




#69
o-Xylene
Concen: 49.696 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

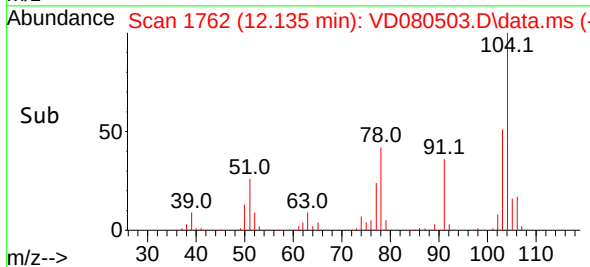
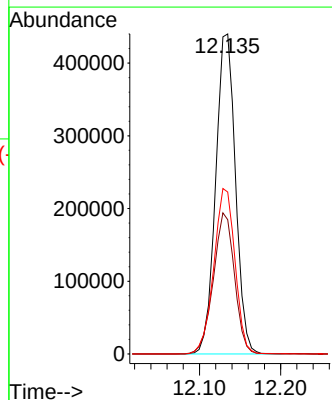
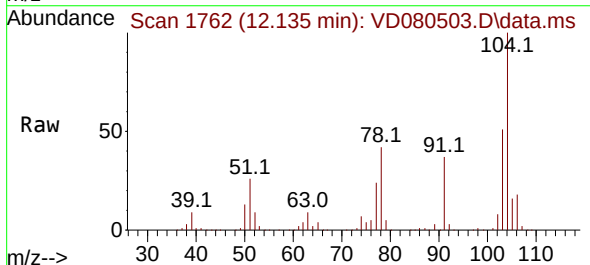
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

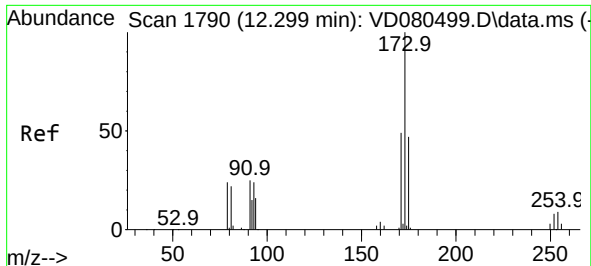
Tgt Ion:106 Resp: 433649
Ion Ratio Lower Upper
106 100
91 212.6 105.3 315.8



#70
Styrene
Concen: 50.335 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion:104 Resp: 747219
Ion Ratio Lower Upper
104 100
78 47.1 37.9 56.9
103 55.3 43.5 65.3

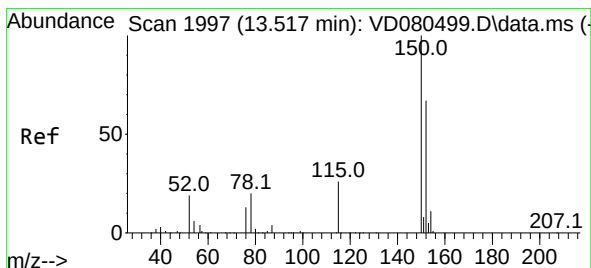
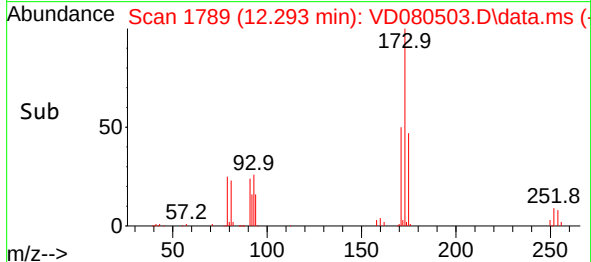
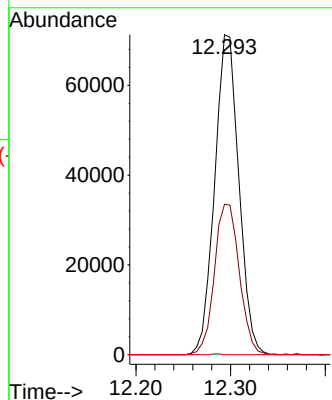
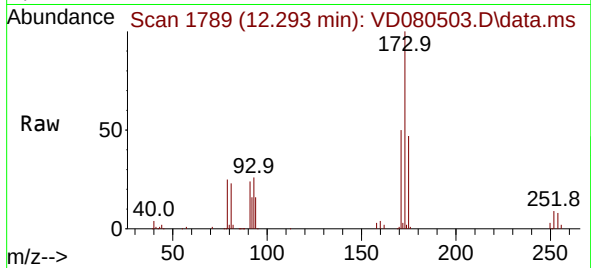




#71
Bromoform
Concen: 50.872 ug/l
RT: 12.293 min Scan# 1789
Delta R.T. -0.006 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

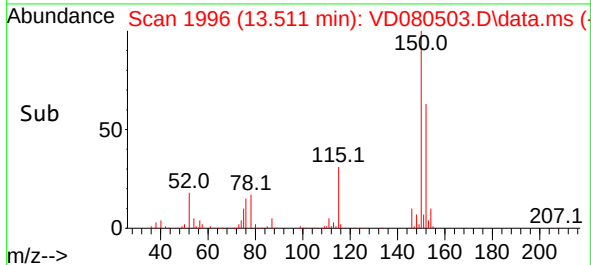
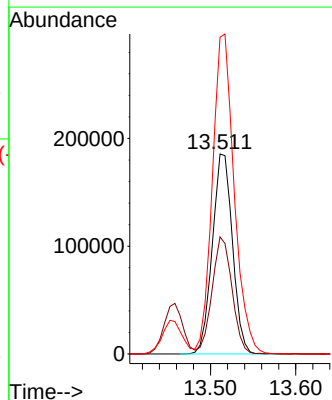
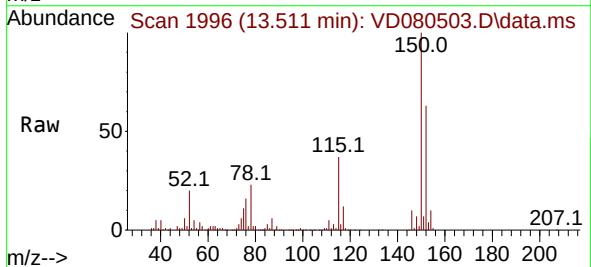
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

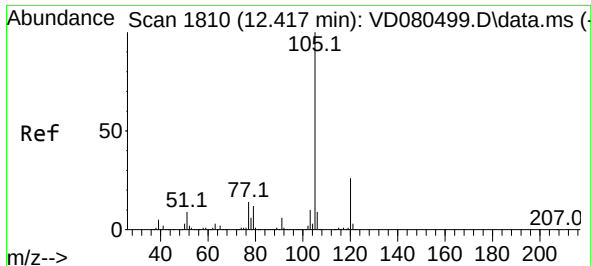
Tgt Ion:173 Resp: 126533
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.7
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.511 min Scan# 1996
Delta R.T. -0.006 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion:152 Resp: 305824
Ion Ratio Lower Upper
152 100
115 57.9 29.0 87.0
150 172.8 0.0 345.0

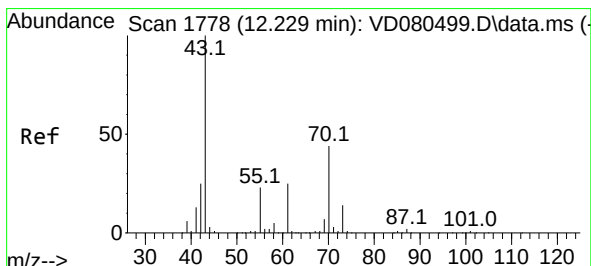
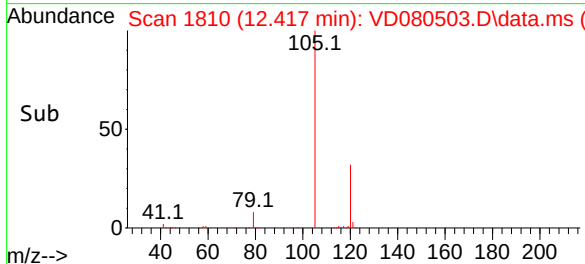
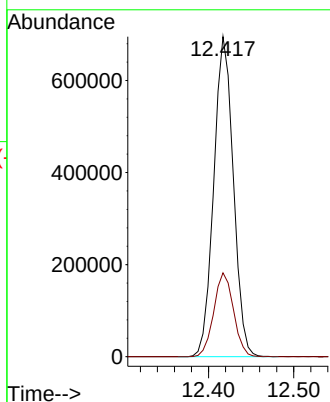
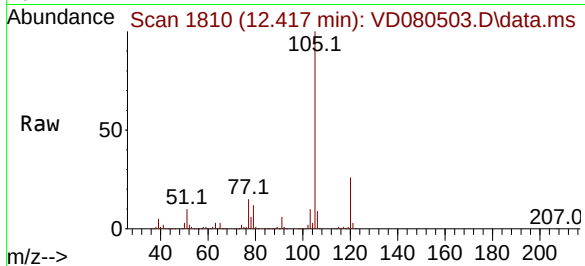




#73
Isopropylbenzene
Concen: 49.518 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

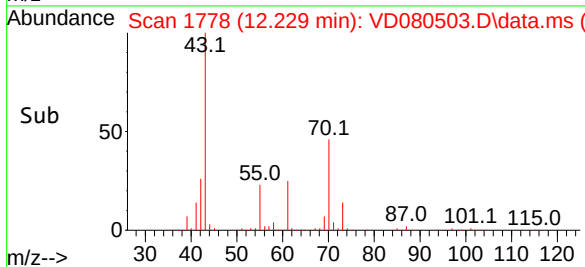
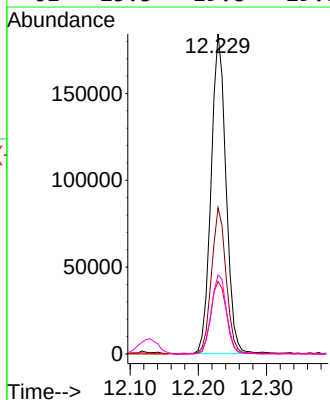
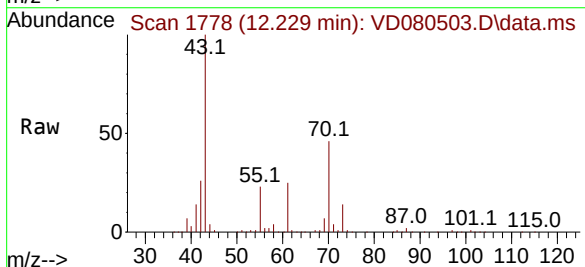
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

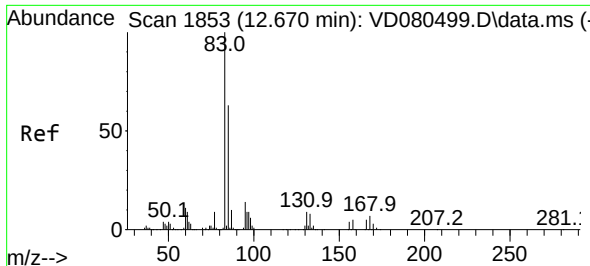
Tgt Ion:105 Resp: 1109538
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.4



#74
N-ethyl acetate
Concen: 47.087 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion: 43 Resp: 279983
Ion Ratio Lower Upper
43 100
70 44.9 35.4 53.0
55 24.0 18.6 28.0
61 25.3 19.8 29.8

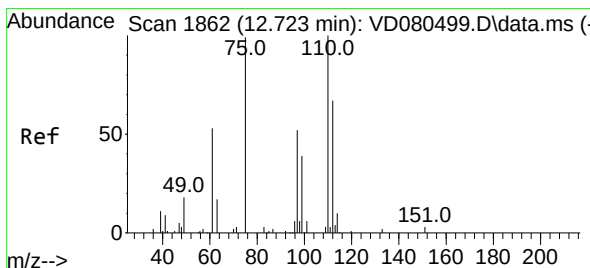
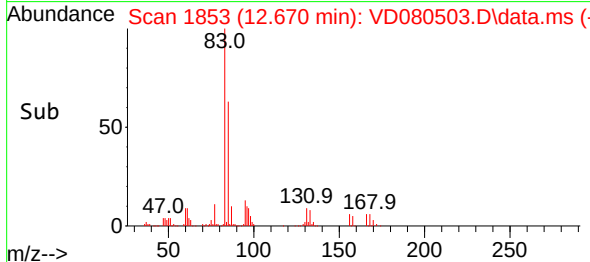
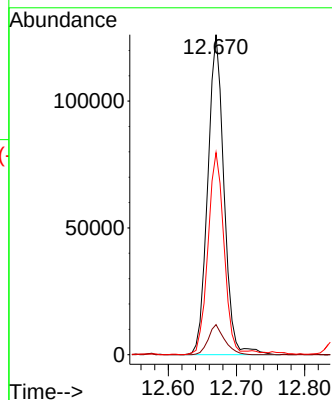
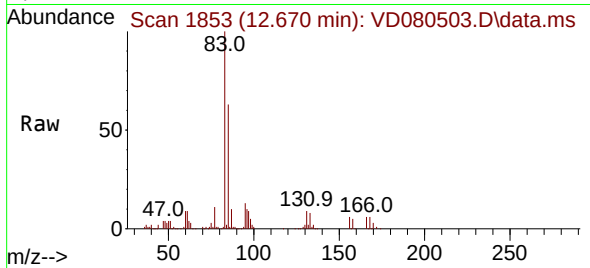




#75
 1,1,2-Tetrachloroethane
 Concen: 50.283 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VD080503.D
 Acq: 27 Aug 2025 13:40

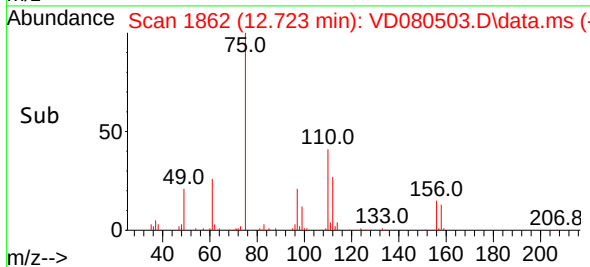
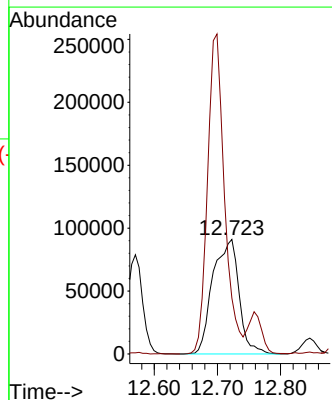
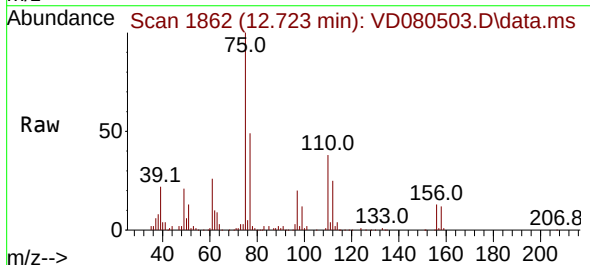
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082725

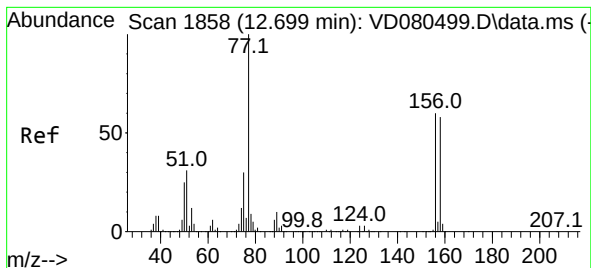
Tgt Ion: 83 Resp: 209473
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.0 15.0
 85 62.3 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 104.959 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VD080503.D
 Acq: 27 Aug 2025 13:40

Tgt Ion: 75 Resp: 261976
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.559 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VD080503.D

Acq: 27 Aug 2025 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082725

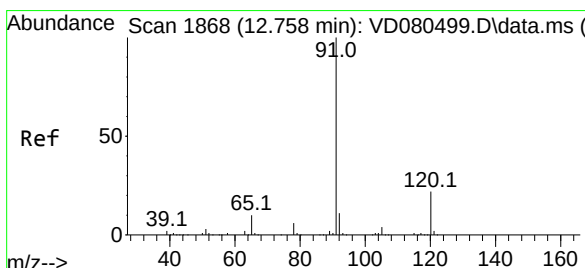
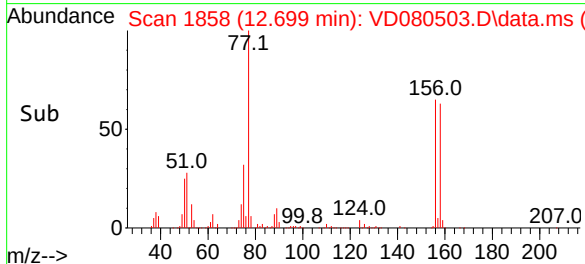
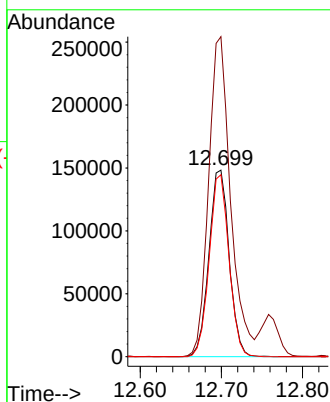
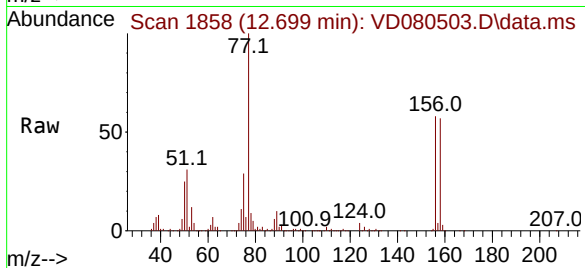
Tgt Ion:156 Resp: 256930

Ion Ratio Lower Upper

156 100

77 186.0 92.5 277.3

158 95.0 47.9 143.6



#78

n-propylbenzene

Concen: 49.586 ug/l

RT: 12.758 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD080503.D

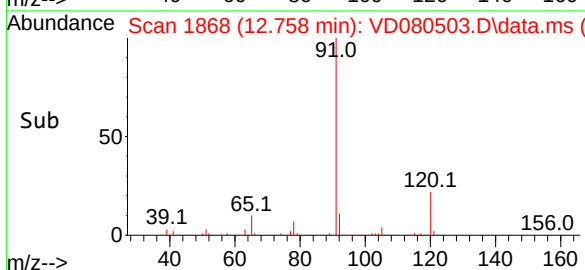
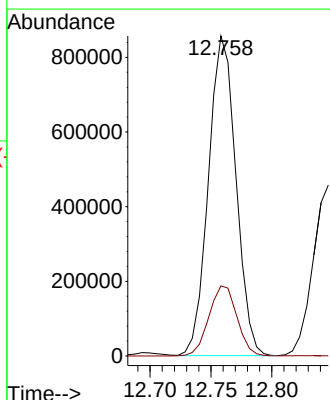
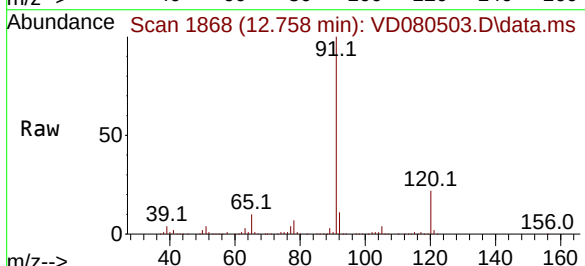
Acq: 27 Aug 2025 13:40

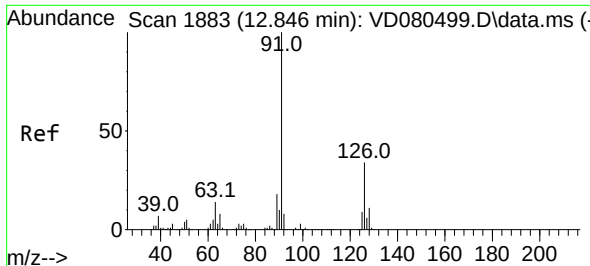
Tgt Ion: 91 Resp: 1349133

Ion Ratio Lower Upper

91 100

120 22.3 11.3 33.9

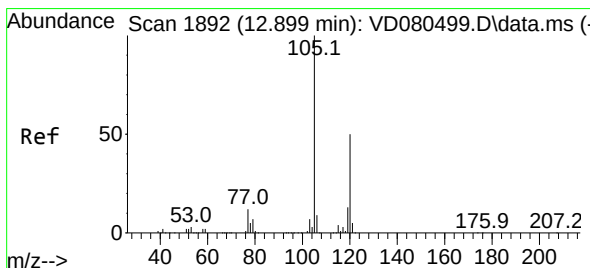
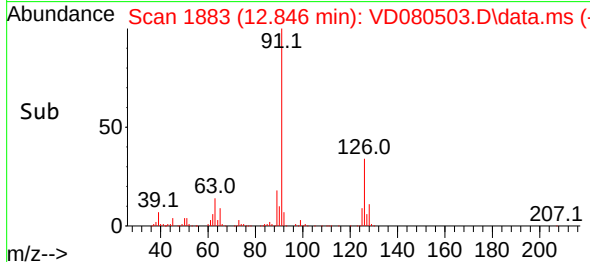
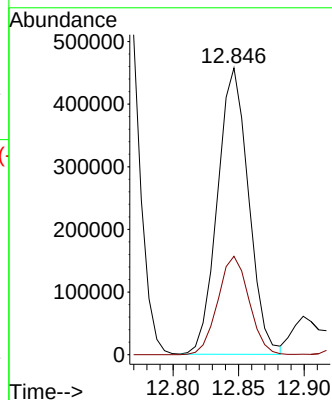
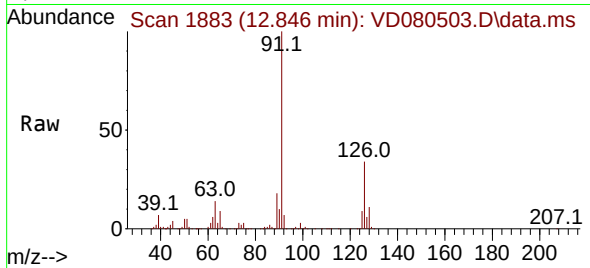




#79
2-Chlorotoluene
Concen: 48.709 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

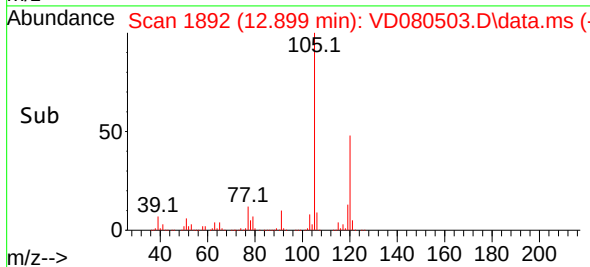
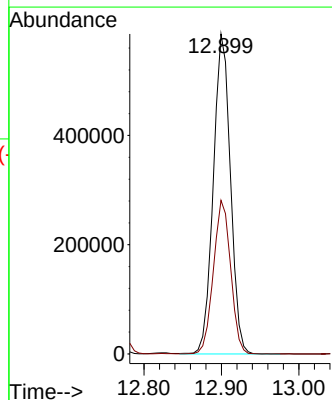
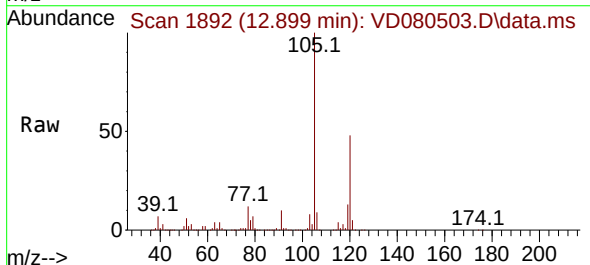
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

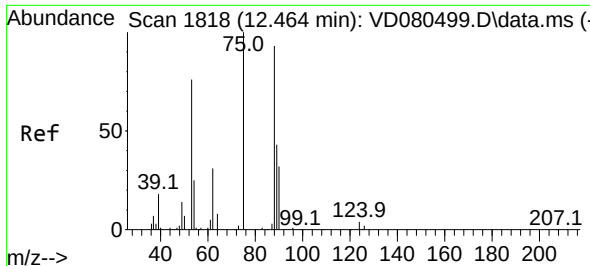
Tgt Ion: 91 Resp: 755190
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 49.601 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion: 105 Resp: 903109
Ion Ratio Lower Upper
105 100
120 48.3 24.7 74.1

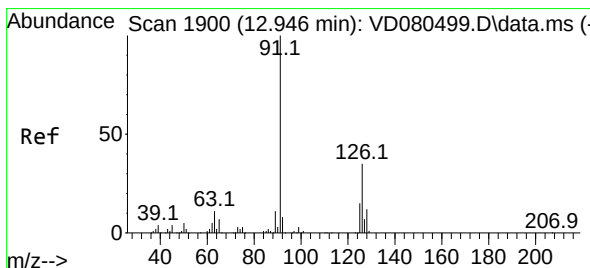
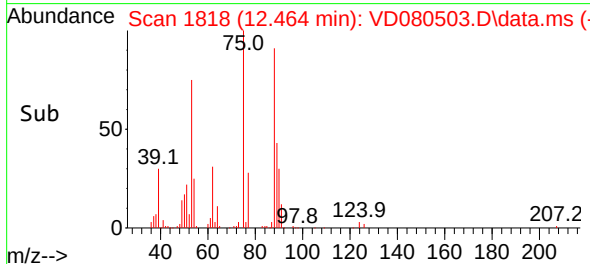
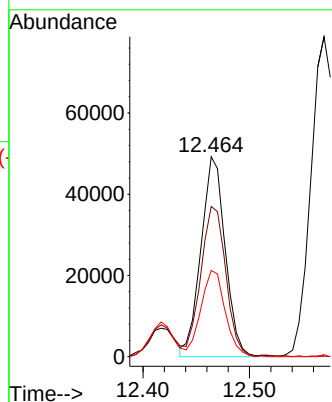
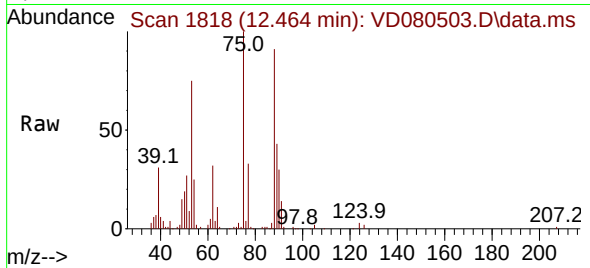




#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.395 ug/l
 RT: 12.464 min Scan# 1818
 Delta R.T. -0.000 min
 Lab File: VD080503.D
 Acq: 27 Aug 2025 13:40

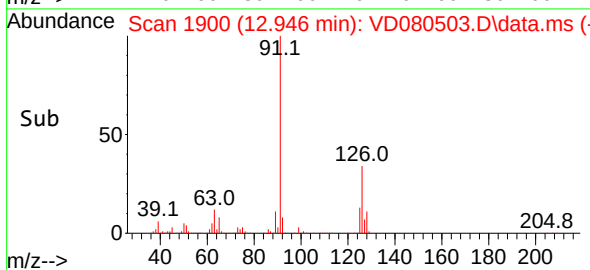
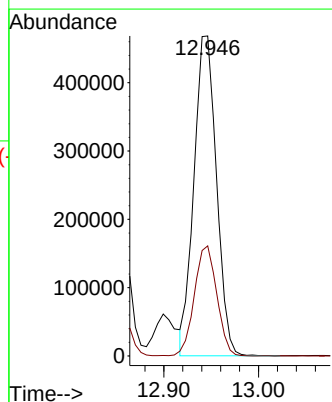
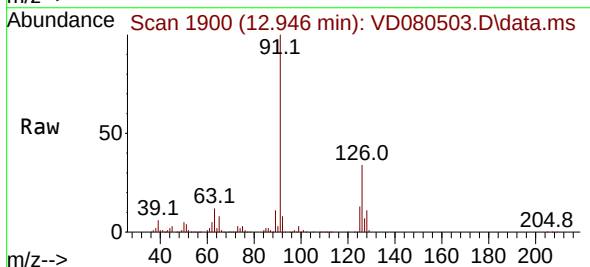
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082725

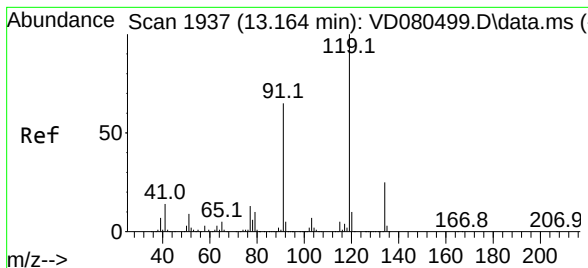
Tgt Ion: 75 Resp: 77941
 Ion Ratio Lower Upper
 75 100
 53 76.2 61.9 92.9
 89 43.1 34.6 52.0



#82
 4-Chlorotoluene
 Concen: 48.541 ug/l
 RT: 12.946 min Scan# 1900
 Delta R.T. -0.000 min
 Lab File: VD080503.D
 Acq: 27 Aug 2025 13:40

Tgt Ion: 91 Resp: 774102
 Ion Ratio Lower Upper
 91 100
 126 34.4 16.9 50.7





#83

tert-Butylbenzene

Concen: 50.214 ug/l

RT: 13.164 min Scan# 1937

Delta R.T. -0.000 min

Lab File: VD080503.D

Acq: 27 Aug 2025 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082725

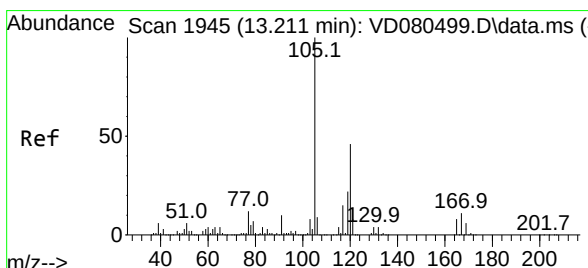
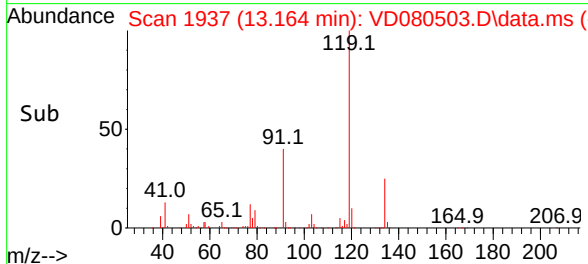
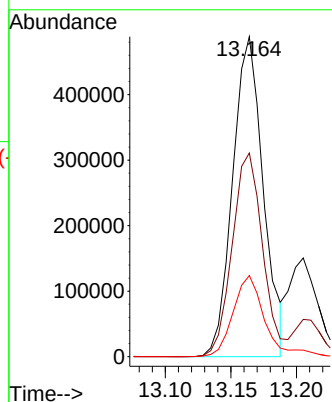
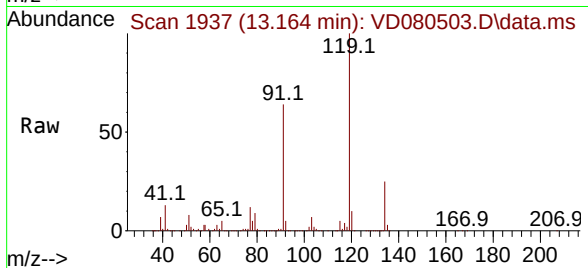
Tgt Ion:119 Resp: 793236

Ion Ratio Lower Upper

119 100

91 63.9 32.0 96.0

134 26.3 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 49.155 ug/l

RT: 13.205 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VD080503.D

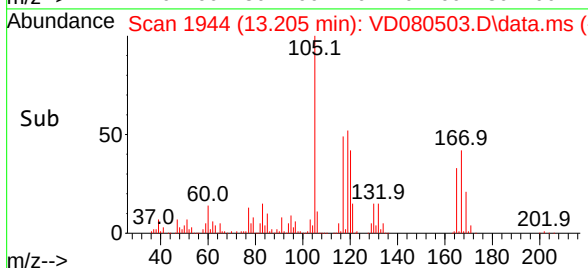
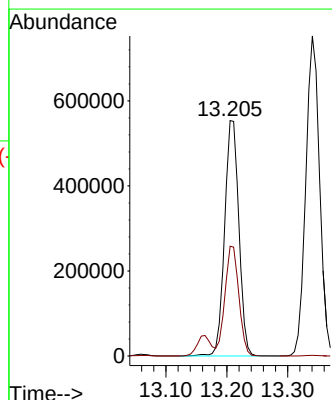
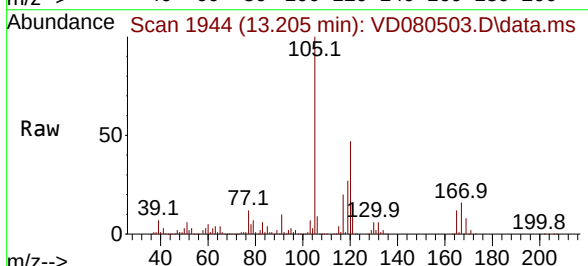
Acq: 27 Aug 2025 13:40

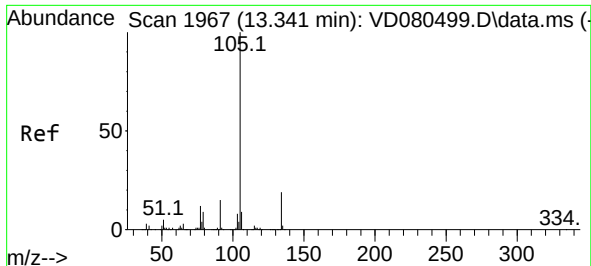
Tgt Ion:105 Resp: 901160

Ion Ratio Lower Upper

105 100

120 45.4 22.5 67.5

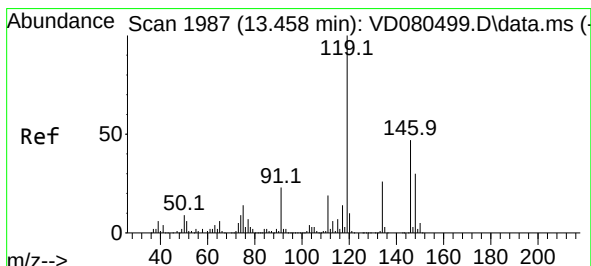
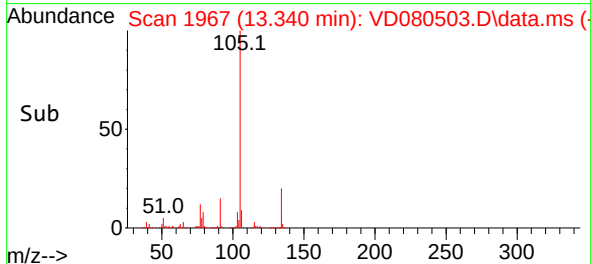
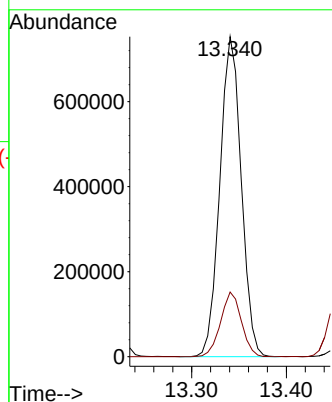
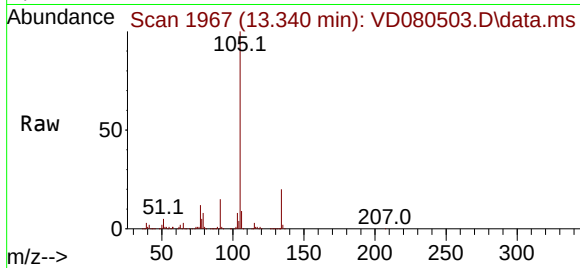




#85
 sec-Butylbenzene
 Concen: 50.167 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. -0.000 min
 Lab File: VD080503.D
 Acq: 27 Aug 2025 13:40

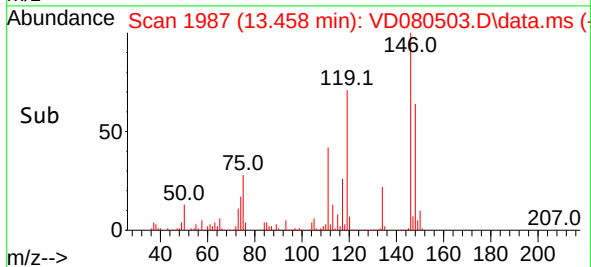
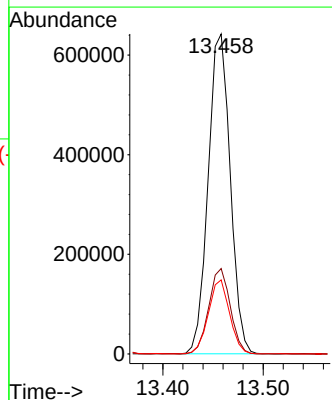
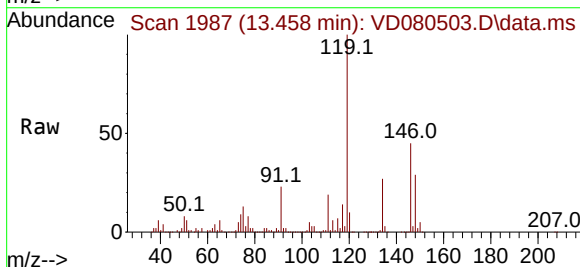
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082725

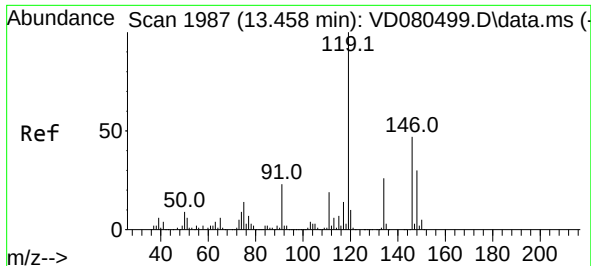
Tgt Ion:105 Resp: 1182802
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 49.925 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080503.D
 Acq: 27 Aug 2025 13:40

Tgt Ion:119 Resp: 984645
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 22.2 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 49.847 ug/l

RT: 13.452 min Scan# 1987

Delta R.T. -0.006 min

Lab File: VD080503.D

Acq: 27 Aug 2025 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082725

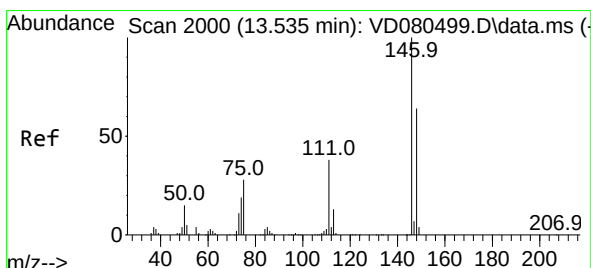
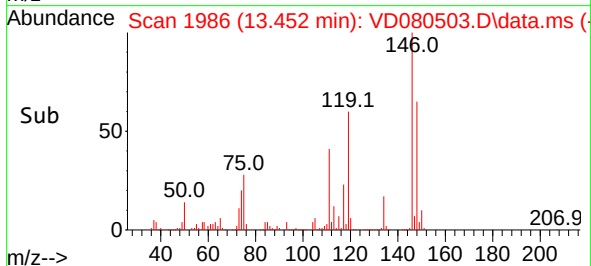
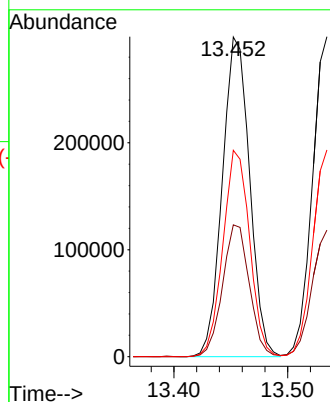
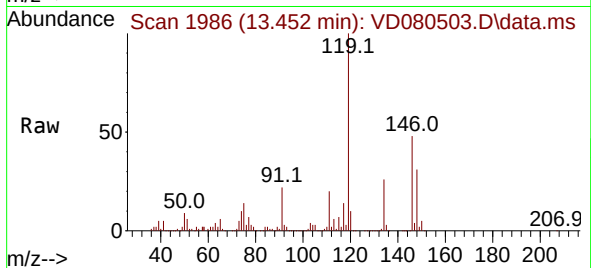
Tgt Ion:146 Resp: 498265

Ion Ratio Lower Upper

146 100

111 40.6 19.9 59.6

148 63.3 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 49.131 ug/l

RT: 13.535 min Scan# 2000

Delta R.T. -0.000 min

Lab File: VD080503.D

Acq: 27 Aug 2025 13:40

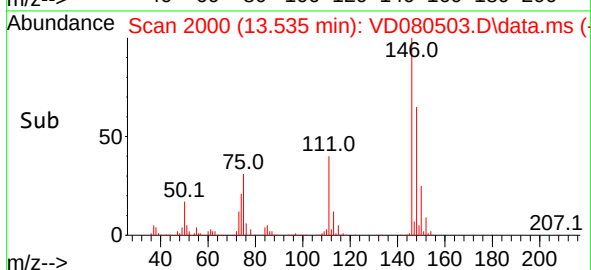
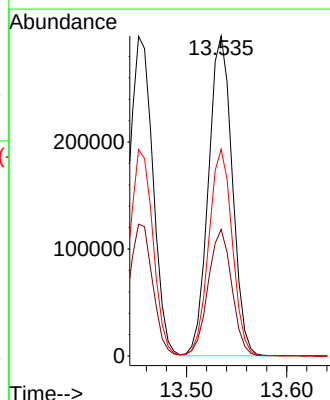
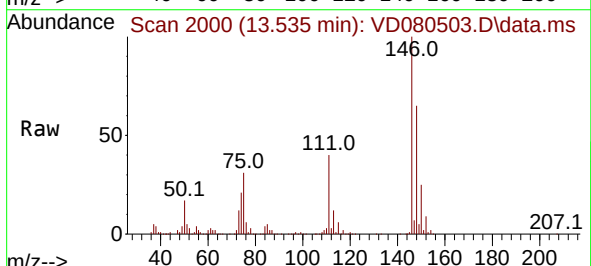
Tgt Ion:146 Resp: 493137

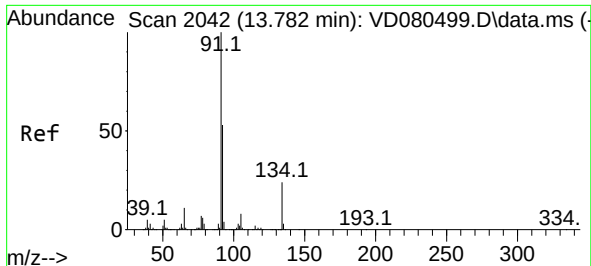
Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.1

148 63.8 32.1 96.5

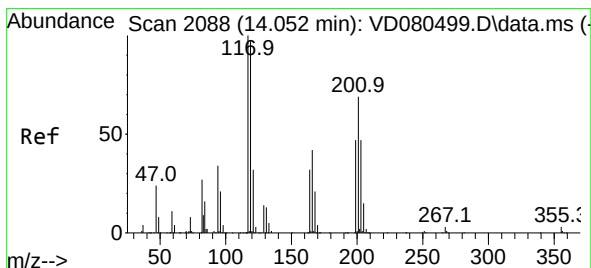
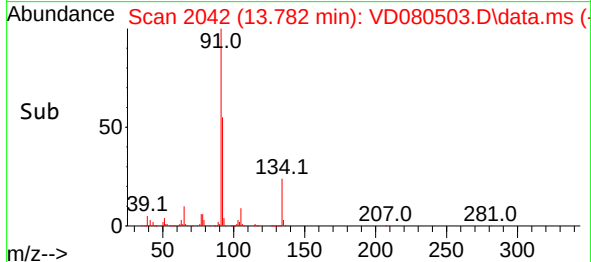
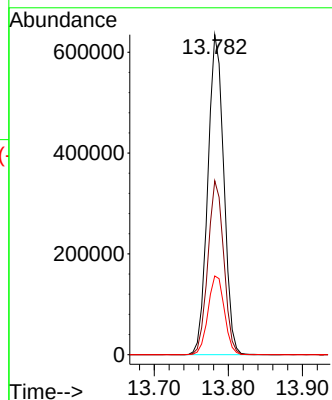
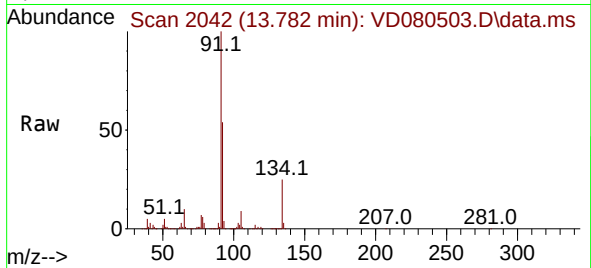




#89
n-Butylbenzene
Concen: 50.495 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

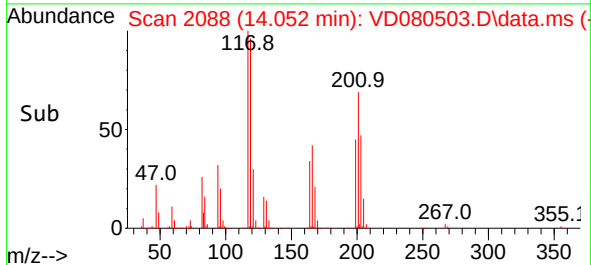
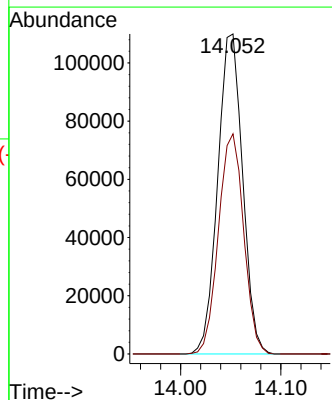
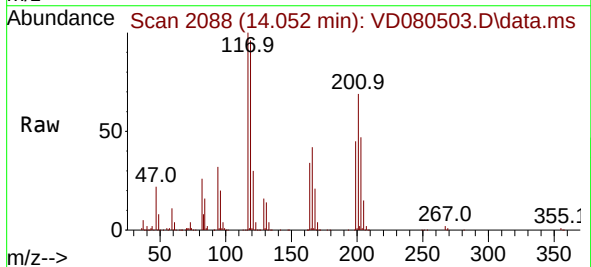
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

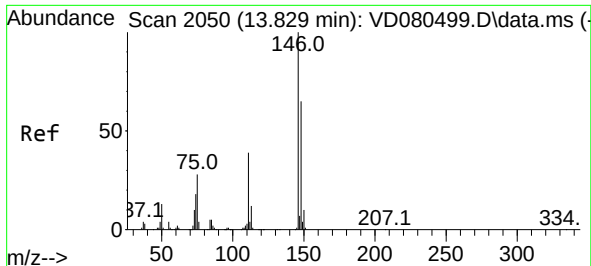
Tgt Ion: 91 Resp: 948678
Ion Ratio Lower Upper
91 100
92 54.0 26.6 79.8
134 25.3 12.4 37.2



#90
Hexachloroethane
Concen: 49.720 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion: 117 Resp: 189673
Ion Ratio Lower Upper
117 100
201 69.5 34.6 103.8

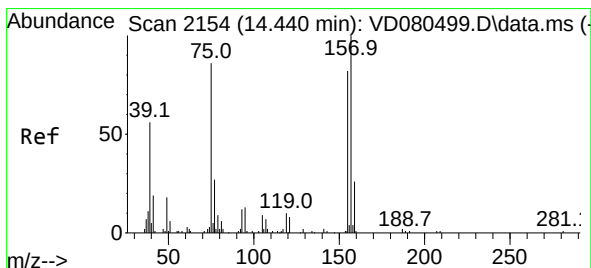
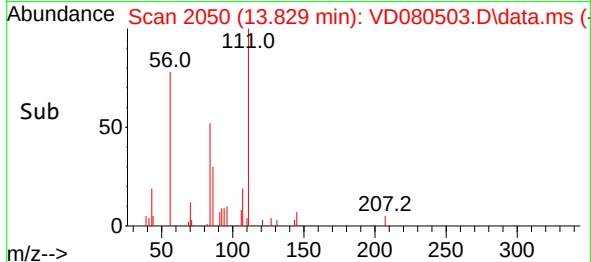
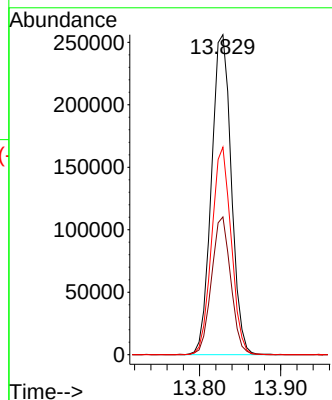
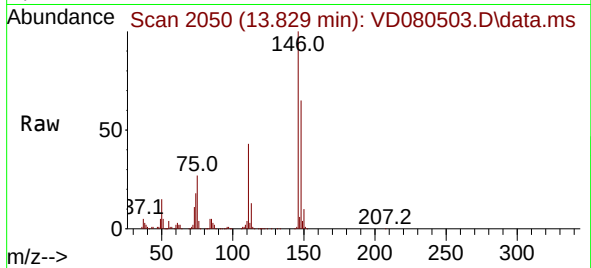




#91
1,2-Dichlorobenzene
Concen: 48.893 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

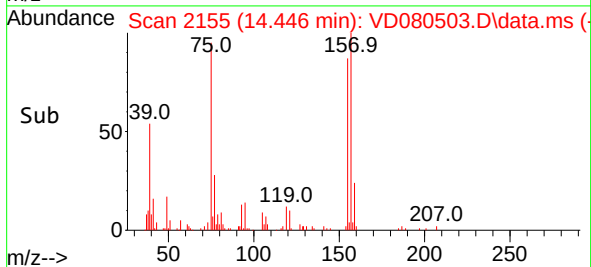
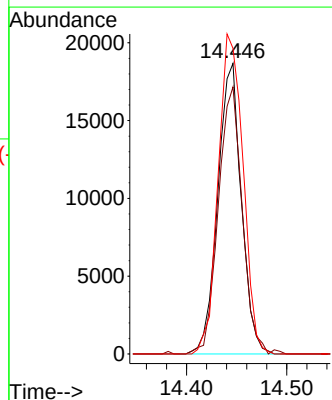
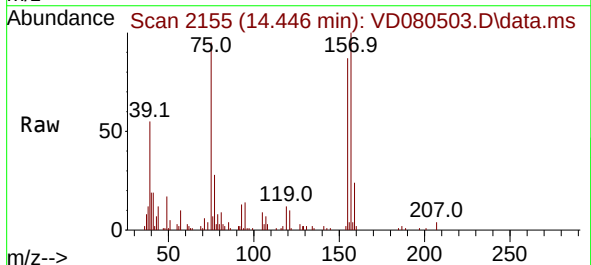
Instrument :
MSVOA_D
ClientSampleId :
ICVVD082725

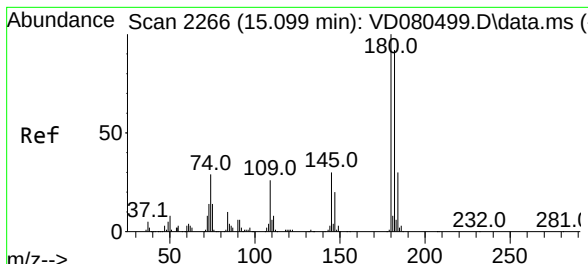
Tgt Ion:146 Resp: 434911
Ion Ratio Lower Upper
146 100
111 41.8 20.7 62.1
148 63.7 31.5 94.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.776 ug/l
RT: 14.446 min Scan# 2155
Delta R.T. 0.006 min
Lab File: VD080503.D
Acq: 27 Aug 2025 13:40

Tgt Ion: 75 Resp: 30493
Ion Ratio Lower Upper
75 100
155 93.2 47.5 142.6
157 116.2 56.8 170.3

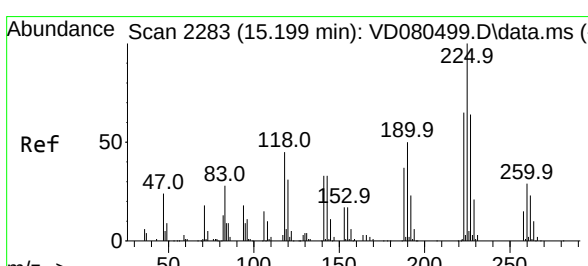
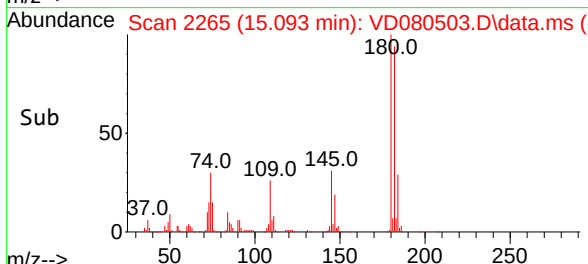
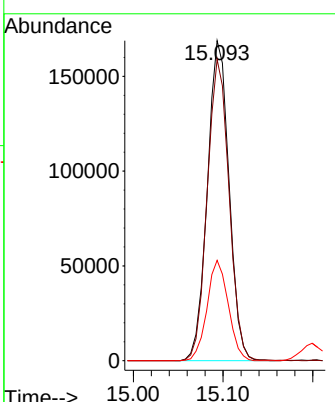
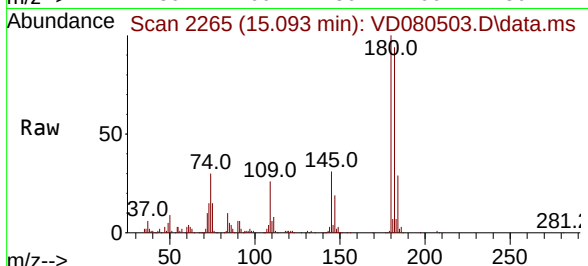




#93
 1,2,4-Trichlorobenzene
 Concen: 50.691 ug/l
 RT: 15.093 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD080503.D
 Acq: 27 Aug 2025 13:40

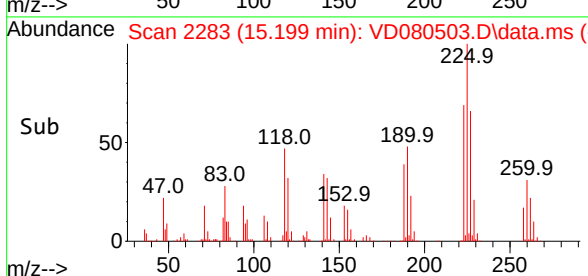
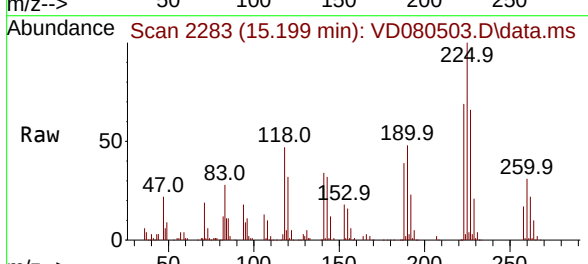
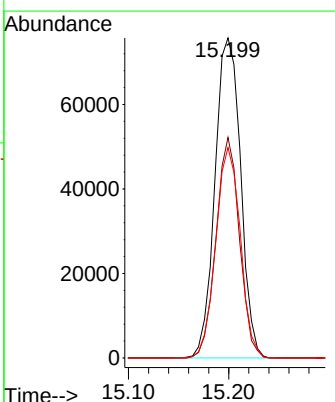
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082725

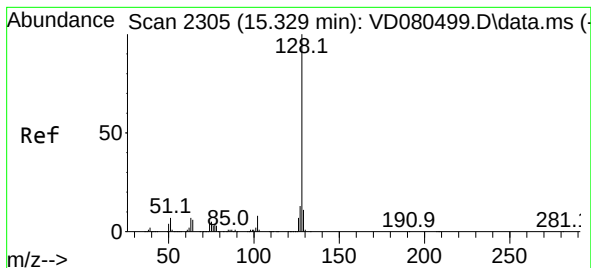
Tgt Ion:	180	Resp:	282505
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.5	142.5
145	30.8	15.7	47.0



#94
 Hexachlorobutadiene
 Concen: 53.067 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. -0.000 min
 Lab File: VD080503.D
 Acq: 27 Aug 2025 13:40

Tgt Ion:	225	Resp:	134422
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.9	95.7
227	63.0	32.0	96.2





#95

Naphthalene

Concen: 50.219 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. -0.000 min

Lab File: VD080503.D

Acq: 27 Aug 2025 13:40

Instrument :

MSVOA_D

ClientSampleId :

ICVVD082725

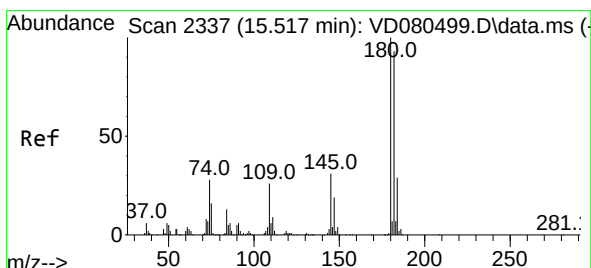
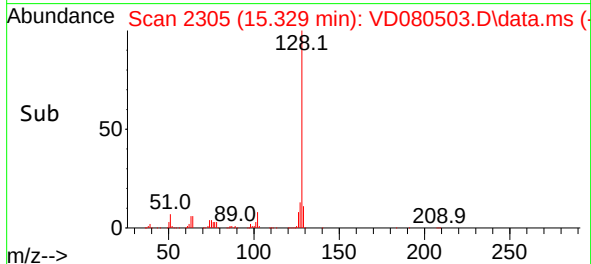
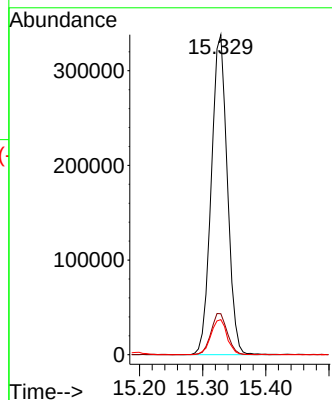
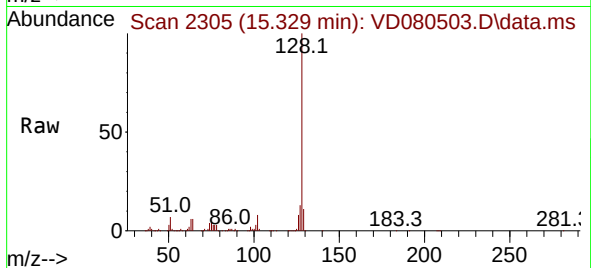
Tgt Ion:128 Resp: 595365

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.0 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 51.873 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD080503.D

Acq: 27 Aug 2025 13:40

Tgt Ion:180 Resp: 247479

Ion Ratio Lower Upper

180 100

182 95.0 47.5 142.5

145 33.2 16.2 48.5

