

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082725\
 Data File : VD080497.D
 Acq On : 27 Aug 2025 09:40
 Operator : RP/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Aug 28 02:47:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 28 02:42:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	452567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	886642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	810787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	380979	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	71709	14.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	28.080%#
35) Dibromofluoromethane	7.805	113	90850	15.690	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	31.380%#
50) Toluene-d8	10.270	98	337171	14.690	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	29.380%#
62) 4-Bromofluorobenzene	12.570	95	118924	16.059	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	32.120%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	42152	10.940	ug/l	91
3) Chloromethane	2.147	50	65746	10.809	ug/l	98
4) Vinyl Chloride	2.288	62	63759	10.157	ug/l	98
5) Bromomethane	2.694	94	34437	9.762	ug/l	98
6) Chloroethane	2.841	64	41151	10.043	ug/l	97
7) Trichlorofluoromethane	3.182	101	73169	10.008	ug/l	98
8) Diethyl Ether	3.600	74	29621	10.224	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.965	101	47177	9.945	ug/l	99
10) Methyl Iodide	4.159	142	49823	9.097	ug/l	97
11) Tert butyl alcohol	5.047	59	19555	52.923	ug/l	99
12) 1,1-Dichloroethene	3.941	96	47888	9.690	ug/l	95
13) Acrolein	3.800	56	19204	48.902	ug/l	90
14) Allyl chloride	4.564	41	85702	9.993	ug/l	99
15) Acrylonitrile	5.253	53	62010	48.062	ug/l	98
16) Acetone	4.017	43	58635	49.053	ug/l	92
17) Carbon Disulfide	4.276	76	166835	9.983	ug/l	99
18) Methyl Acetate	4.564	43	33769	10.039	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	125637	9.687	ug/l	98
20) Methylene Chloride	4.806	84	68421	10.420	ug/l	92
21) trans-1,2-Dichloroethene	5.317	96	55765	9.856	ug/l	94
22) Diisopropyl ether	6.217	45	171928	9.740	ug/l	95
23) Vinyl Acetate	6.159	43	485668	48.349	ug/l	97
24) 1,1-Dichloroethane	6.117	63	98704	9.660	ug/l	94
25) 2-Butanone	7.082	43	84762	50.079	ug/l	98
26) 2,2-Dichloropropane	7.076	77	78198	9.665	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	65750	9.737	ug/l	99
28) Bromochloromethane	7.423	49	42331	10.166	ug/l	98
29) Tetrahydrofuran	7.447	42	51717	48.353	ug/l	99
30) Chloroform	7.600	83	94905	9.713	ug/l	98
31) Cyclohexane	7.882	56	95737	10.010	ug/l #	91
32) 1,1,1-Trichloroethane	7.794	97	79147	9.729	ug/l	99
36) 1,1-Dichloropropene	8.011	75	70338	9.053	ug/l	99
37) Ethyl Acetate	7.170	43	33701	9.020	ug/l #	91
38) Carbon Tetrachloride	7.994	117	66971	9.056	ug/l	93
39) Methylcyclohexane	9.276	83	94827	9.169	ug/l	96
40) Benzene	8.252	78	223946	9.057	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	20121	9.071	ug/l	94
42) 1,2-Dichloroethane	8.329	62	55623	9.287	ug/l	99
43) Isopropyl Acetate	8.358	43	68664	9.033	ug/l	100
44) Trichloroethene	9.029	130	53365	8.895	ug/l	90
45) 1,2-Dichloropropane	9.305	63	55908	9.117	ug/l	100
46) Dibromomethane	9.388	93	29890	9.098	ug/l	100
47) Bromodichloromethane	9.582	83	71525	8.930	ug/l	95
48) Methyl methacrylate	9.382	41	34030	9.030	ug/l	94
49) 1,4-Dioxane	9.388	88	7824	192.625	ug/l	94
51) 4-Methyl-2-Pentanone	10.158	43	171483	45.232	ug/l	99
52) Toluene	10.329	92	138478	8.980	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	74016	9.068	ug/l	100
54) cis-1,3-Dichloropropene	10.017	75	87324	8.946	ug/l	100
55) 1,1,2-Trichloroethane	10.735	97	40157	9.116	ug/l #	90
56) Ethyl methacrylate	10.599	69	55102	8.978	ug/l	98
57) 1,3-Dichloropropane	10.876	76	70234	9.085	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	100972	42.514	ug/l	98
59) 2-Hexanone	10.917	43	124993	46.402	ug/l	98
60) Dibromochloromethane	11.070	129	50416	9.082	ug/l	99
61) 1,2-Dibromoethane	11.176	107	38446	9.172	ug/l	99
64) Tetrachloroethene	10.805	164	43342	8.656	ug/l	96
65) Chlorobenzene	11.605	112	150495	8.710	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.676	131	46654	8.466	ug/l	98
67) Ethyl Benzene	11.682	91	262555	8.780	ug/l	97
68) m/p-Xylenes	11.788	106	201922	17.536	ug/l	99
69) o-Xylene	12.117	106	96232	8.758	ug/l	100
70) Styrene	12.135	104	161164	8.622	ug/l	100
71) Bromoform	12.299	173	26849	8.572	ug/l #	99
73) Isopropylbenzene	12.417	105	240003	8.598	ug/l	99
74) N-amyl acetate	12.229	43	64254	8.674	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.670	83	45718	8.810	ug/l	99
76) 1,2,3-Trichloropropane	12.723	75	58331	18.759	ug/l #	100
77) Bromobenzene	12.699	156	55139	8.538	ug/l	96
78) n-propylbenzene	12.758	91	294759	8.696	ug/l	99
79) 2-Chlorotoluene	12.846	91	165751	8.582	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	195612	8.624	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	17754	8.666	ug/l	98
82) 4-Chlorotoluene	12.946	91	172115	8.664	ug/l	99
83) tert-Butylbenzene	13.164	119	169542	8.615	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	195668	8.568	ug/l	98
85) sec-Butylbenzene	13.340	105	254661	8.670	ug/l	99
86) p-Isopropyltoluene	13.458	119	210099	8.551	ug/l	100
87) 1,3-Dichlorobenzene	13.452	146	107530	8.635	ug/l	98
88) 1,4-Dichlorobenzene	13.535	146	108518	8.679	ug/l	96
89) n-Butylbenzene	13.782	91	203164	8.680	ug/l	99
90) Hexachloroethane	14.052	117	41697	8.774	ug/l	95
91) 1,2-Dichlorobenzene	13.829	146	96889	8.744	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	6819	8.756	ug/l	97
93) 1,2,4-Trichlorobenzene	15.093	180	58978	8.495	ug/l	100
94) Hexachlorobutadiene	15.199	225	27174	8.611	ug/l	99
95) Naphthalene	15.329	128	126590	8.571	ug/l	97
96) 1,2,3-Trichlorobenzene	15.517	180	49254	8.287	ug/l	97

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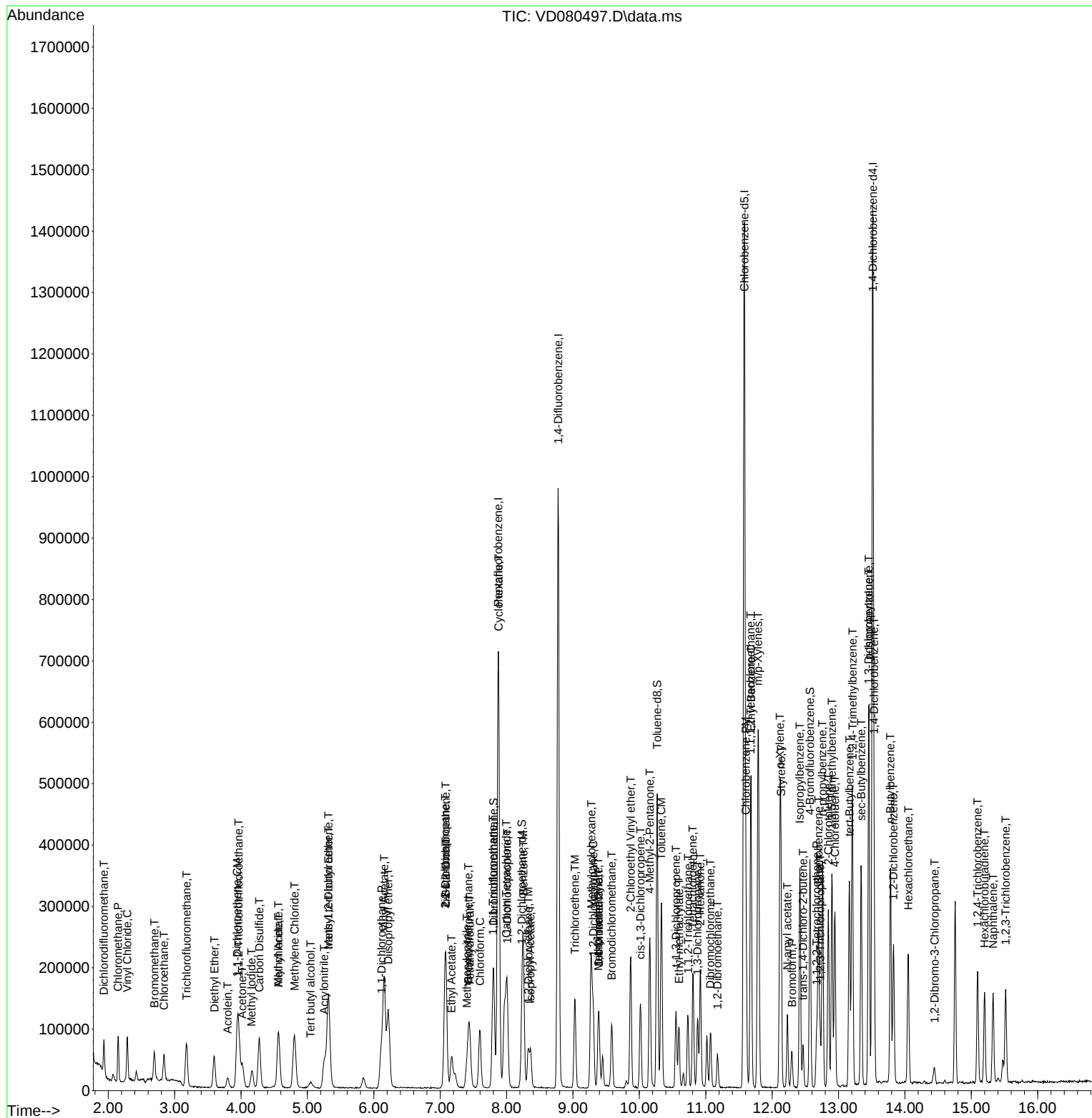
Quant Time: Aug 28 02:47:43 2025
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QLast Update : Thu Aug 28 02:42:08 2025
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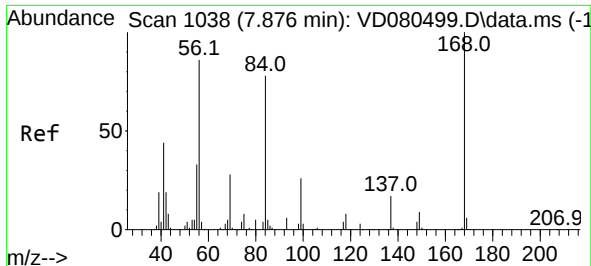
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_D
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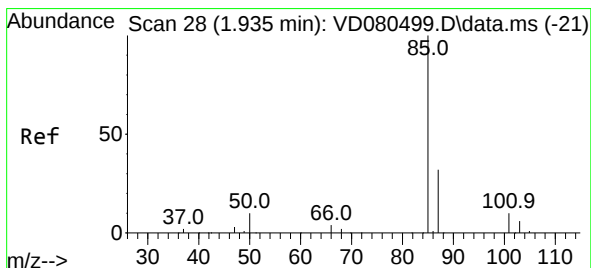
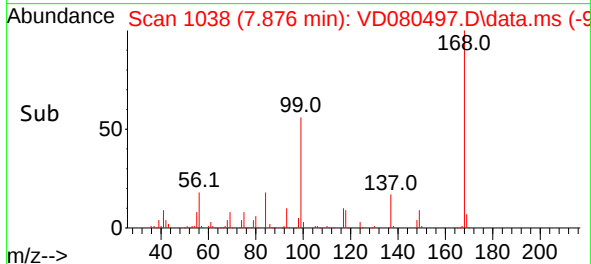
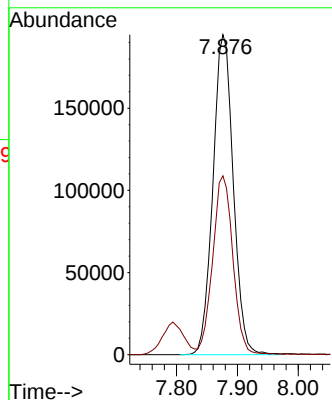
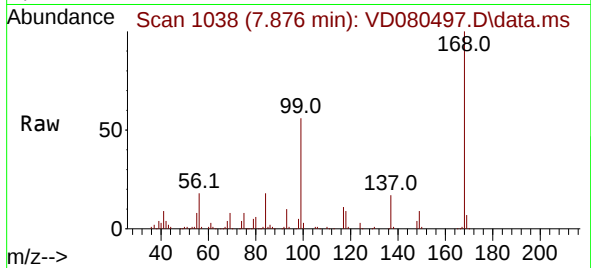




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080497.D
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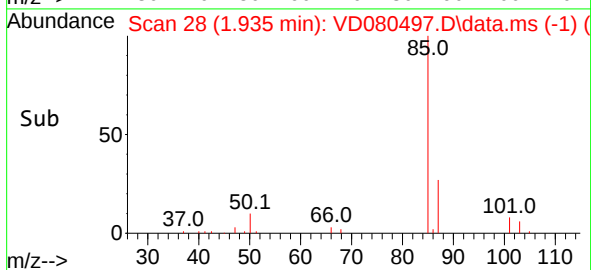
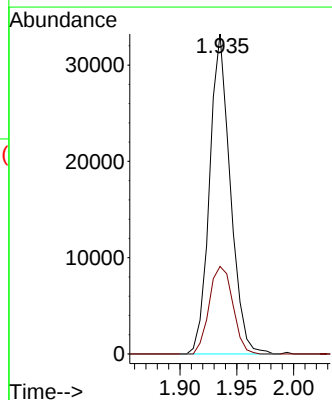
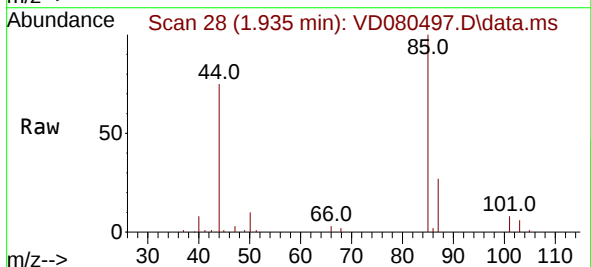
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

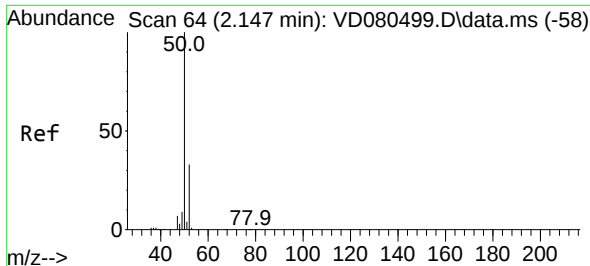
Tgt Ion:168 Resp: 452567
Ion Ratio Lower Upper
168 100
99 55.7 44.1 66.1



#2
Dichlorodifluoromethane
Concen: 10.940 ug/l
RT: 1.935 min Scan# 28
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion: 85 Resp: 42152
Ion Ratio Lower Upper
85 100
87 27.4 16.2 48.5

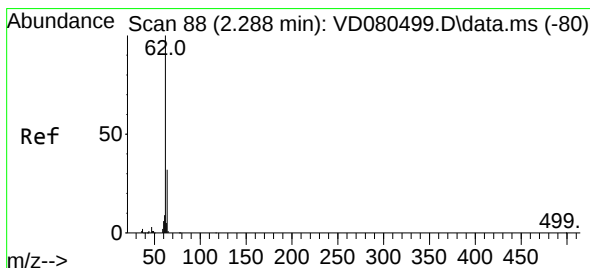
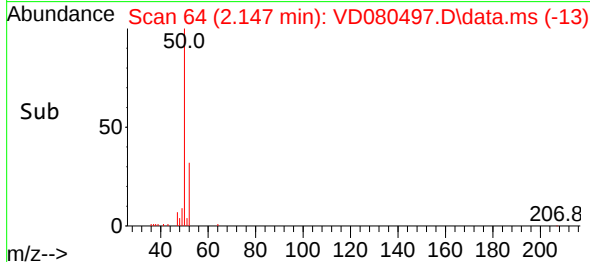
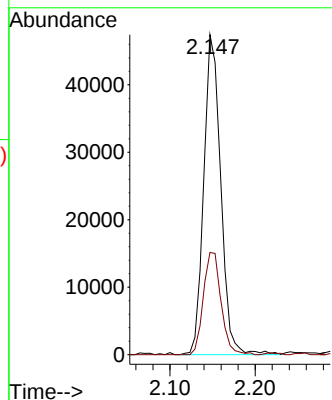
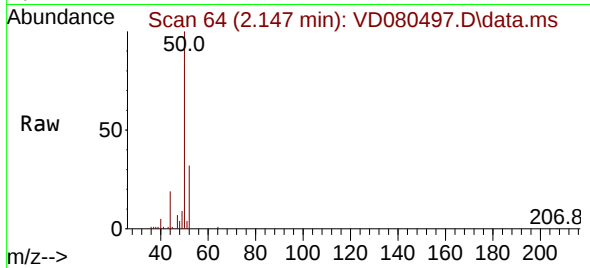




#3
Chloromethane
Concen: 10.809 ug/l
RT: 2.147 min Scan# 64
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

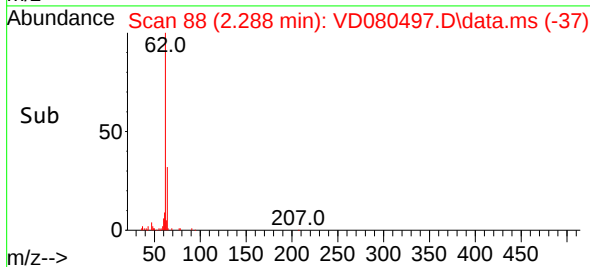
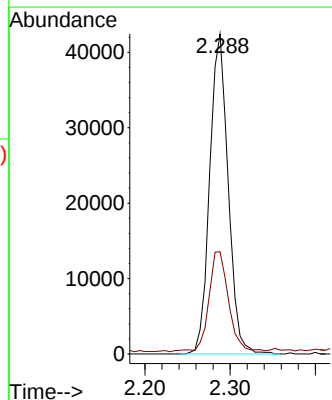
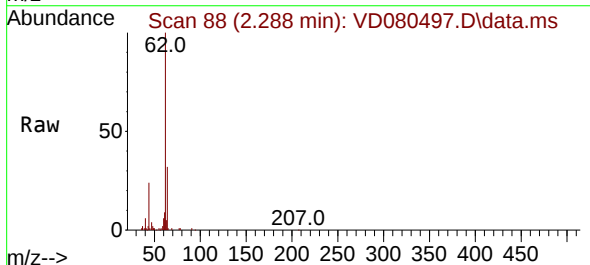
Instrument :
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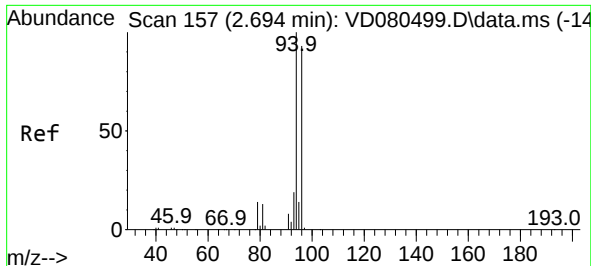
Tgt Ion: 50 Resp: 65746
Ion Ratio Lower Upper
50 100
52 31.9 26.2 39.4



#4
Vinyl Chloride
Concen: 10.157 ug/l
RT: 2.288 min Scan# 88
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion: 62 Resp: 63759
Ion Ratio Lower Upper
62 100
64 30.8 25.6 38.4

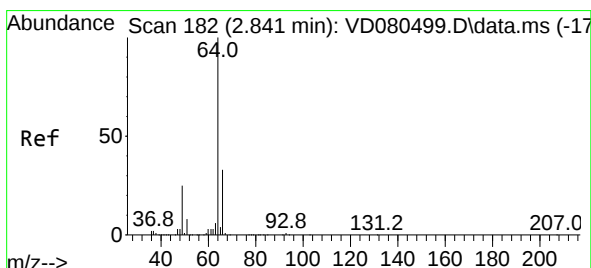
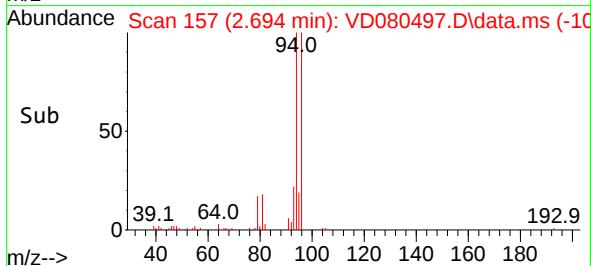
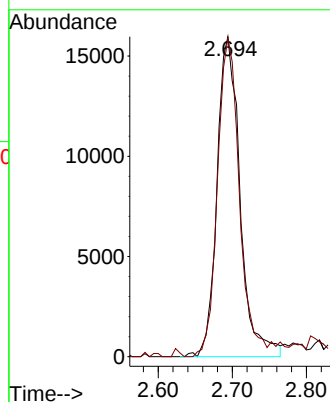
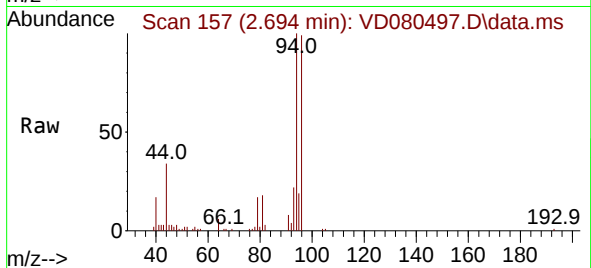




#5
Bromomethane
Concen: 9.762 ug/l
RT: 2.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

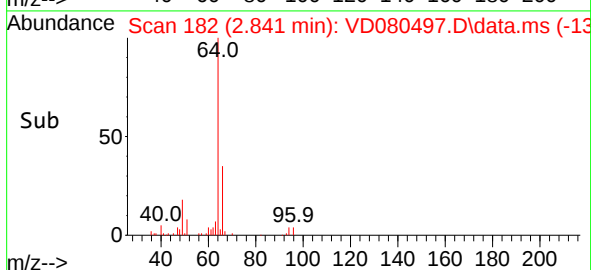
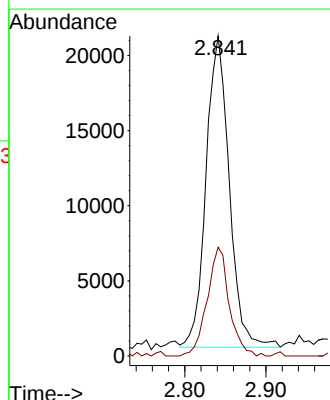
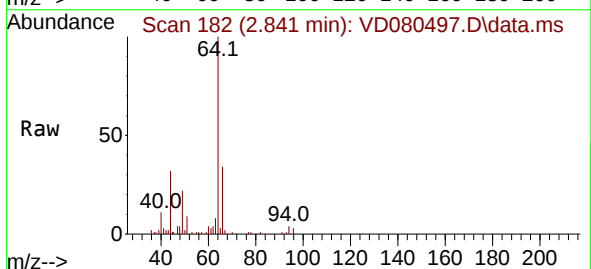
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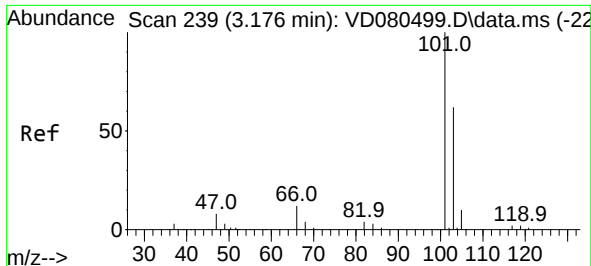
Tgt Ion: 94 Resp: 34437
Ion Ratio Lower Upper
94 100
96 94.7 74.6 111.8



#6
Chloroethane
Concen: 10.043 ug/l
RT: 2.841 min Scan# 182
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion: 64 Resp: 41151
Ion Ratio Lower Upper
64 100
66 34.9 26.5 39.7

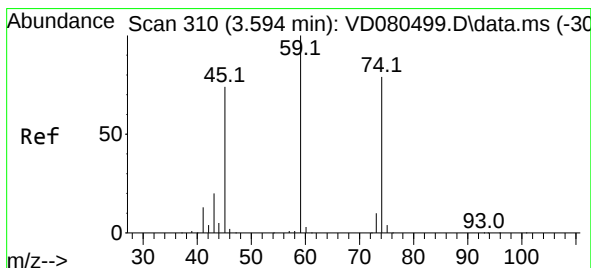
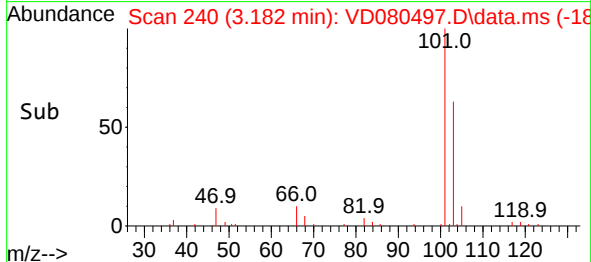
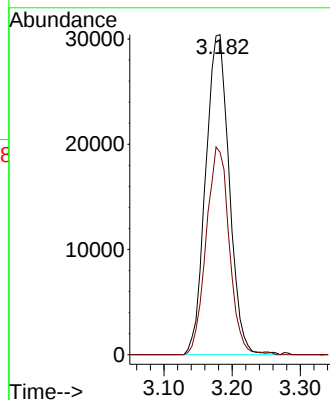
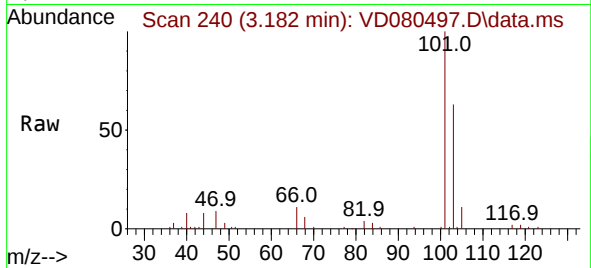




#7
 Trichlorofluoromethane
 Concen: 10.008 ug/l
 RT: 3.182 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: VD080497.D
 Acq: 27 Aug 2025 09:40

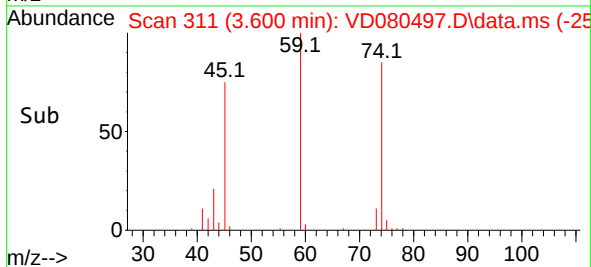
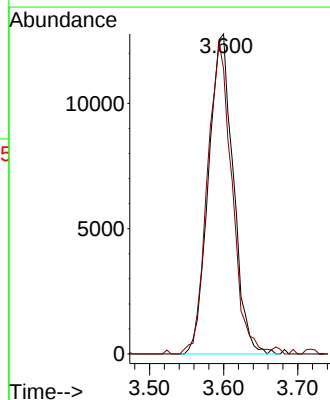
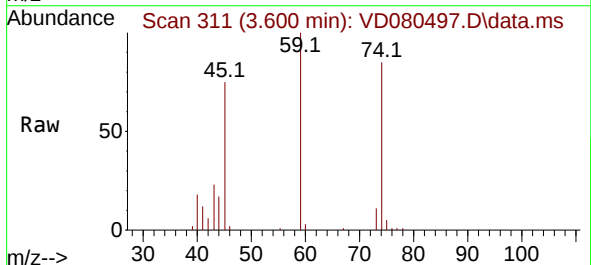
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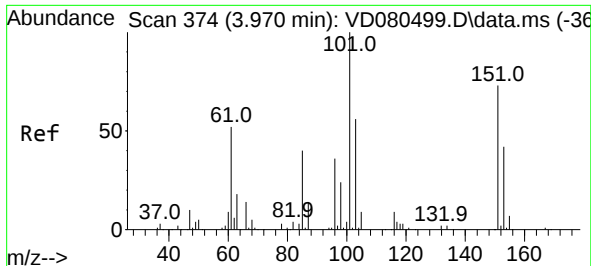
Tgt Ion:101 Resp: 73169
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.6 74.4



#8
 Diethyl Ether
 Concen: 10.224 ug/l
 RT: 3.600 min Scan# 311
 Delta R.T. 0.006 min
 Lab File: VD080497.D
 Acq: 27 Aug 2025 09:40

Tgt Ion: 74 Resp: 29621
 Ion Ratio Lower Upper
 74 100
 45 96.7 48.2 144.6

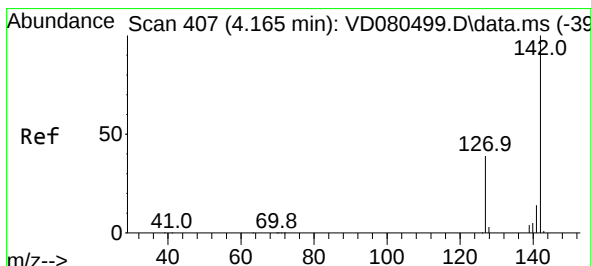
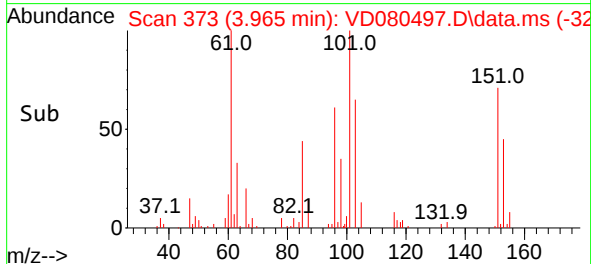
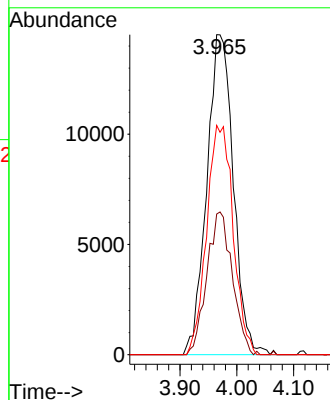
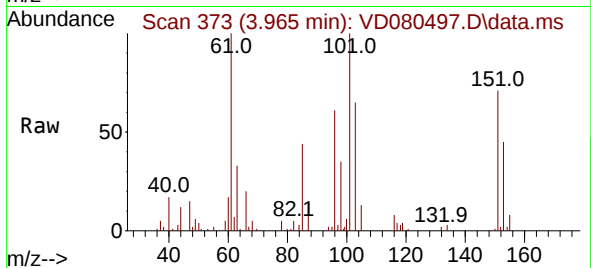




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.945 ug/l
RT: 3.965 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

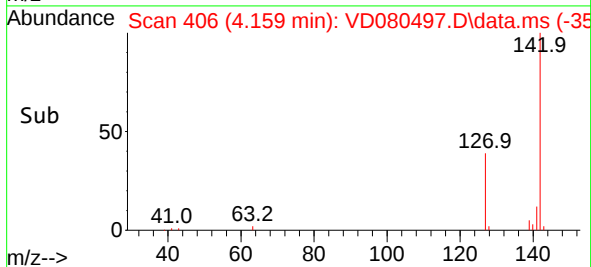
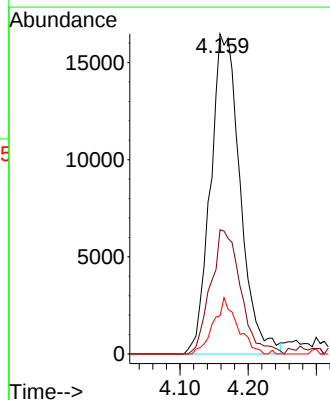
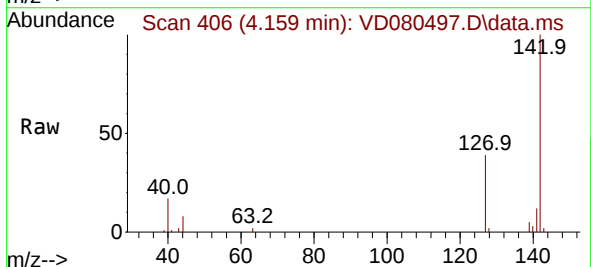
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

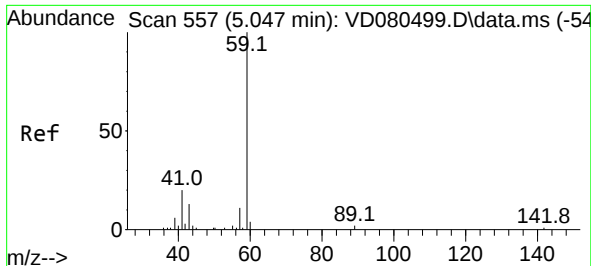
Tgt Ion:101 Resp: 47177
Ion Ratio Lower Upper
101 100
85 42.8 33.8 50.6
151 71.2 58.0 87.0



#10
Methyl Iodide
Concen: 9.097 ug/l
RT: 4.159 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion:142 Resp: 49823
Ion Ratio Lower Upper
142 100
127 39.3 33.1 49.7
141 14.2 11.7 17.5

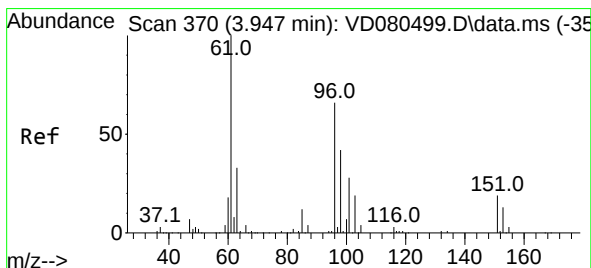
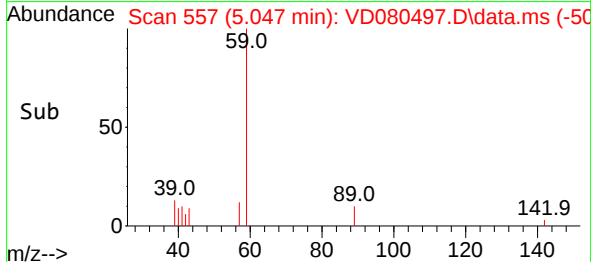
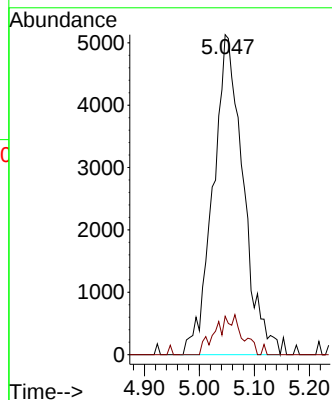
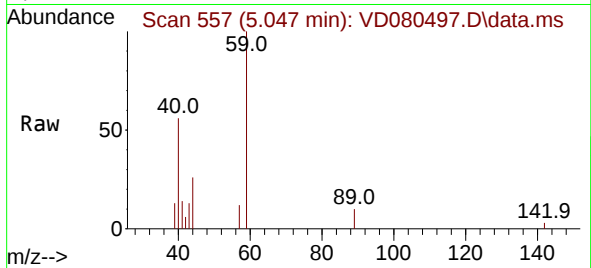




#11
Tert butyl alcohol
Concen: 52.923 ug/l
RT: 5.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

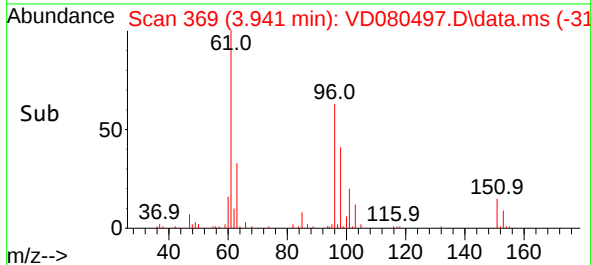
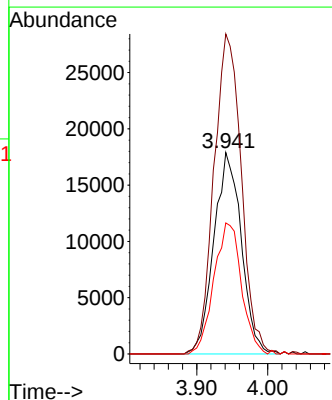
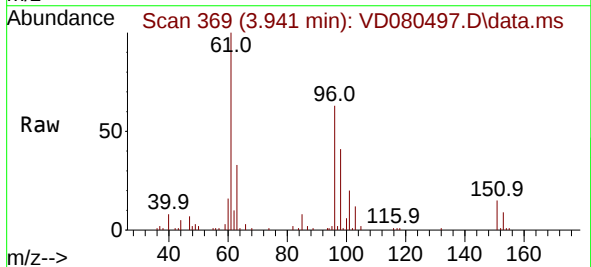
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

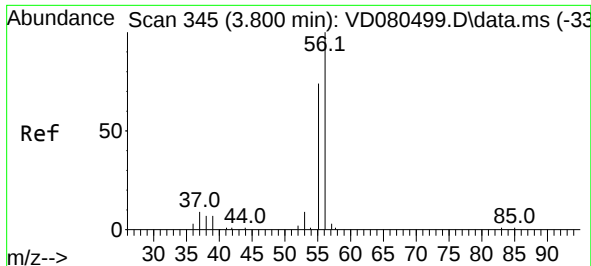
Tgt Ion: 59 Resp: 19555
Ion Ratio Lower Upper
59 100
57 9.6 8.1 12.1



#12
1,1-Dichloroethene
Concen: 9.690 ug/l
RT: 3.941 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion: 96 Resp: 47888
Ion Ratio Lower Upper
96 100
61 158.9 120.9 181.3
98 65.1 50.7 76.1

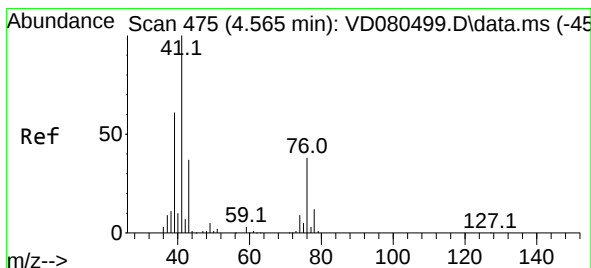
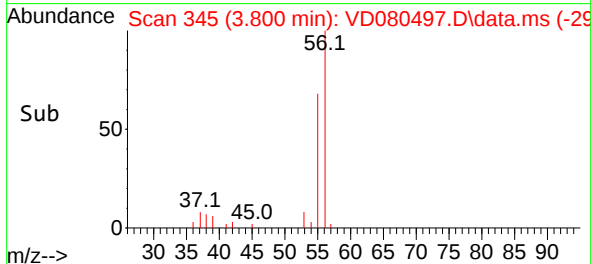
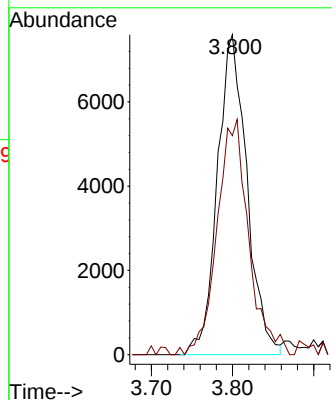
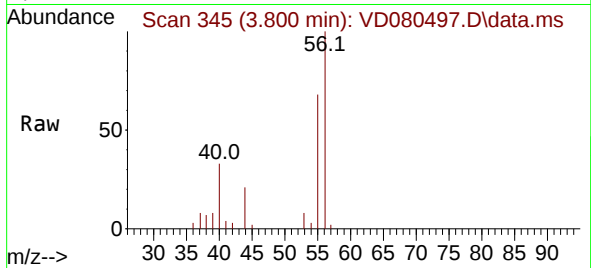




#13
Acrolein
Concen: 48.902 ug/l
RT: 3.800 min Scan# 345
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

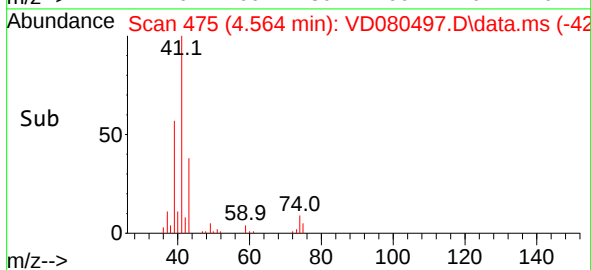
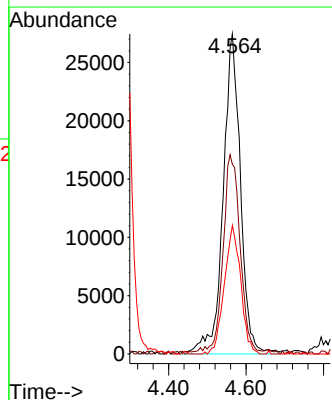
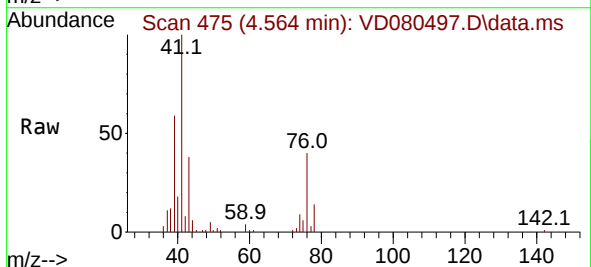
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

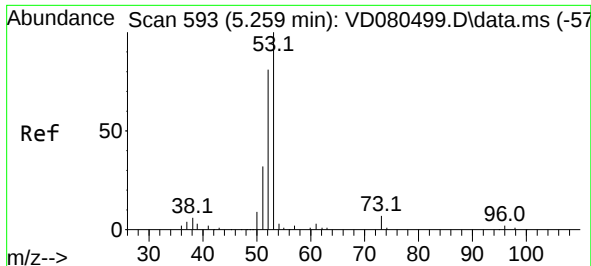
Tgt Ion: 56 Resp: 19204
Ion Ratio Lower Upper
56 100
55 78.7 56.6 85.0



#14
Allyl chloride
Concen: 9.993 ug/l
RT: 4.564 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion: 41 Resp: 85702
Ion Ratio Lower Upper
41 100
39 61.8 50.1 75.1
76 37.7 30.7 46.1

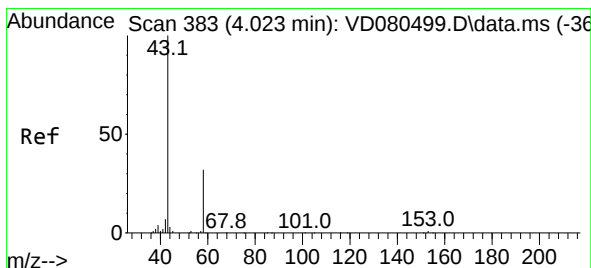
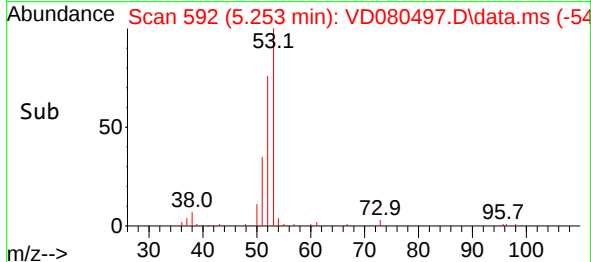
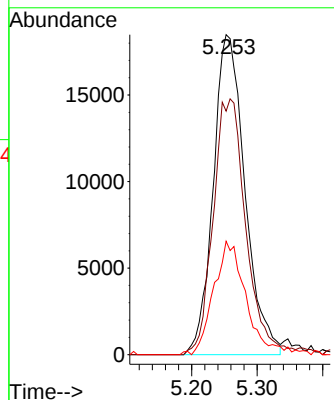
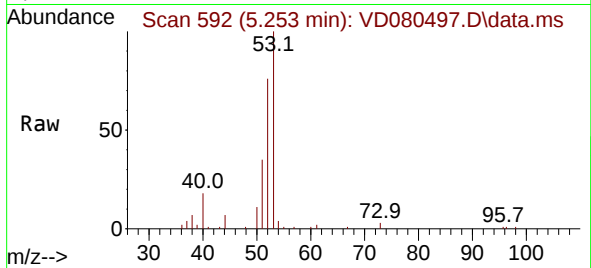




#15
Acrylonitrile
Concen: 48.062 ug/l
RT: 5.253 min Scan# 593
Delta R.T. -0.006 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

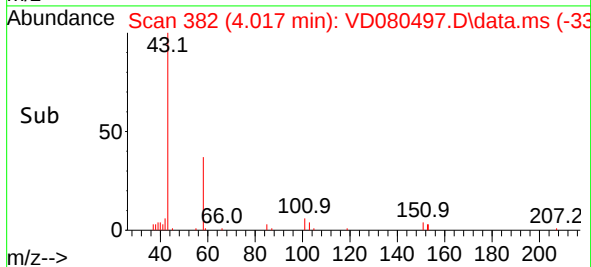
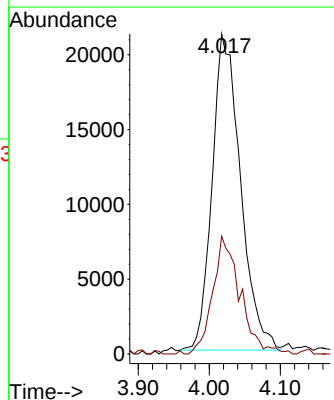
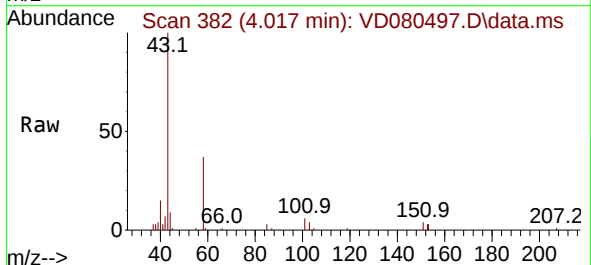
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

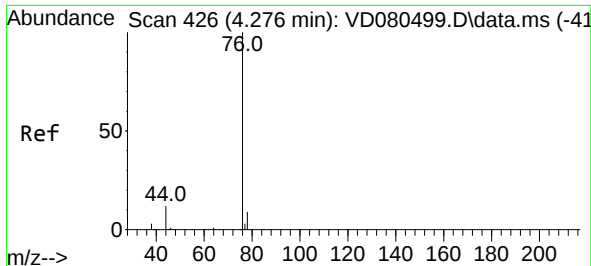
Tgt Ion:	53	Resp:	62010
Ion	Ratio	Lower	Upper
53	100		
52	82.4	64.6	97.0
51	36.6	28.0	42.0



#16
Acetone
Concen: 49.053 ug/l
RT: 4.017 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion:	43	Resp:	58635
Ion	Ratio	Lower	Upper
43	100		
58	36.3	25.4	38.0

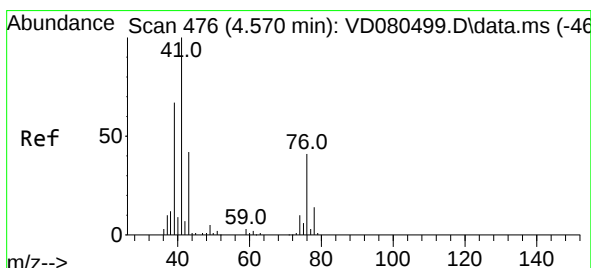
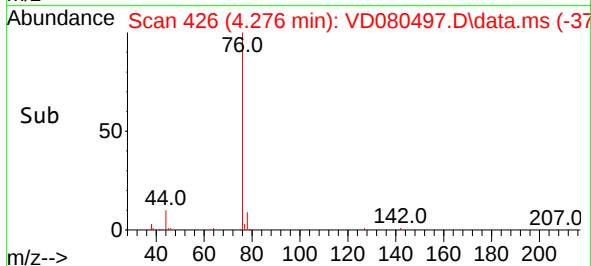
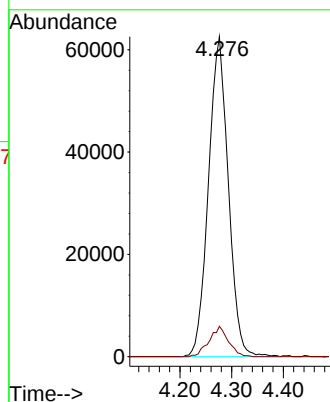
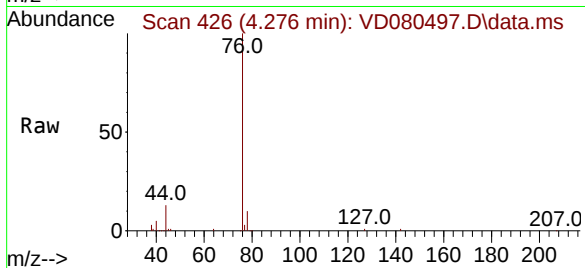




#17
Carbon Disulfide
Concen: 9.983 ug/l
RT: 4.276 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

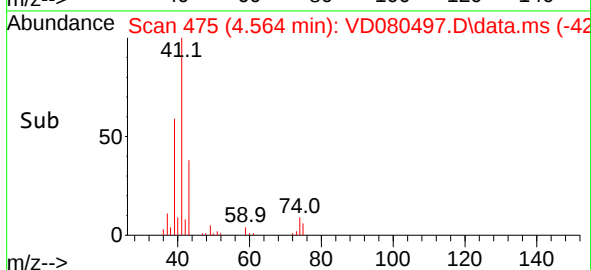
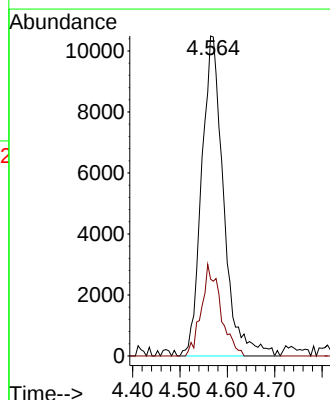
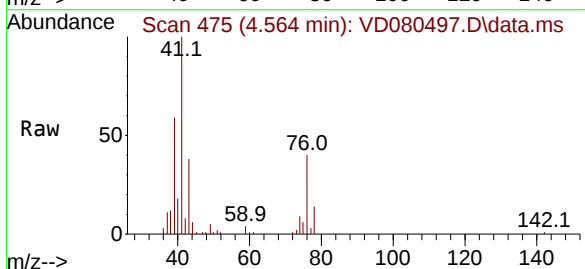
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

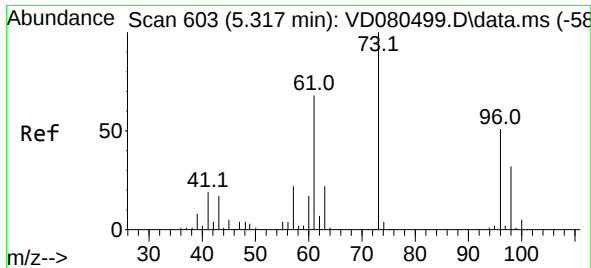
Tgt Ion: 76 Resp: 166835
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 10.039 ug/l
RT: 4.564 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion: 43 Resp: 33769
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2

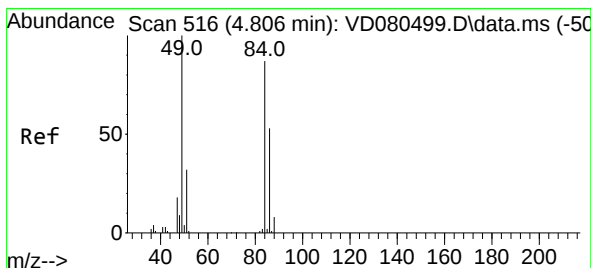
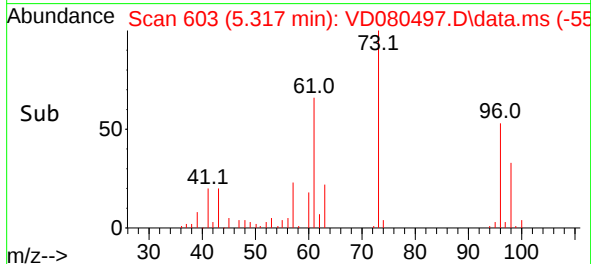
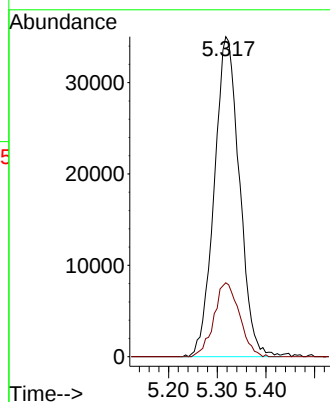
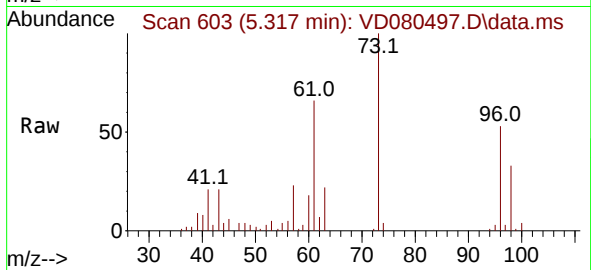




#19
Methyl tert-butyl Ether
Concen: 9.687 ug/l
RT: 5.317 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

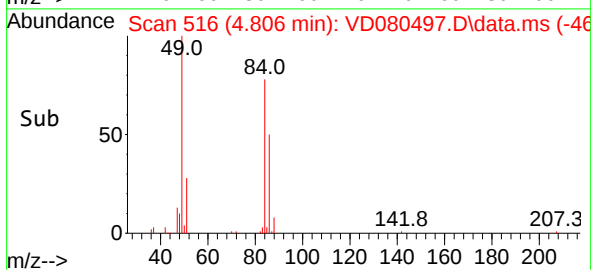
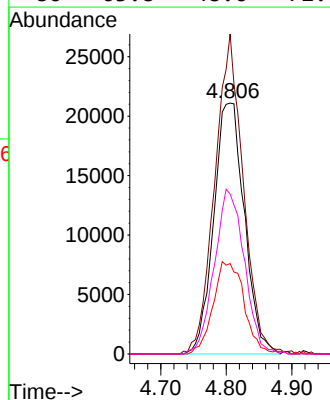
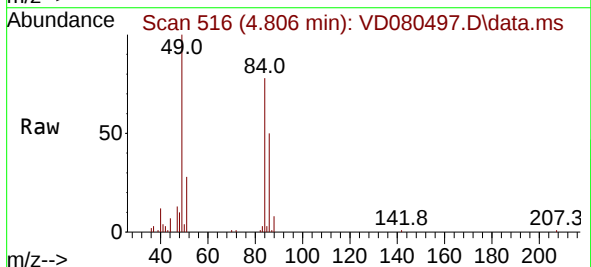
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

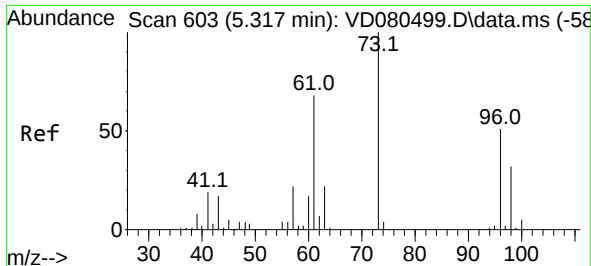
Tgt Ion: 73 Resp: 125637
Ion Ratio Lower Upper
73 100
57 23.1 17.8 26.8



#20
Methylene Chloride
Concen: 10.420 ug/l
RT: 4.806 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion: 84 Resp: 68421
Ion Ratio Lower Upper
84 100
49 127.6 91.8 137.6
51 36.0 29.0 43.4
86 63.8 48.6 72.8

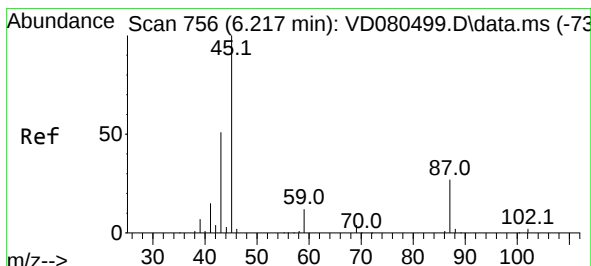
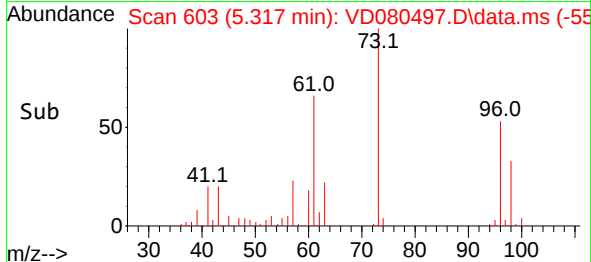
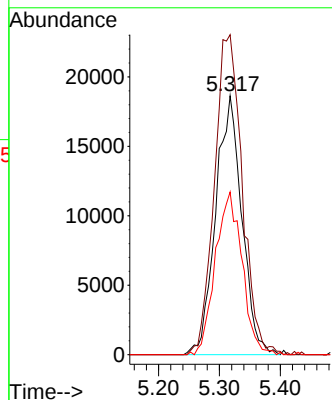
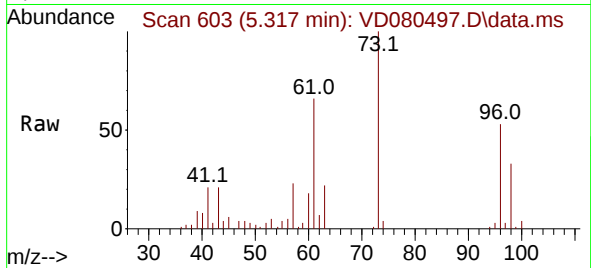




#21
trans-1,2-Dichloroethene
Concen: 9.856 ug/l
RT: 5.317 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

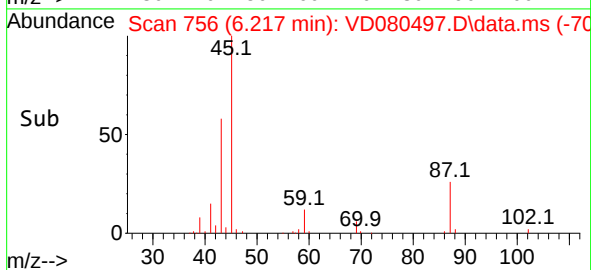
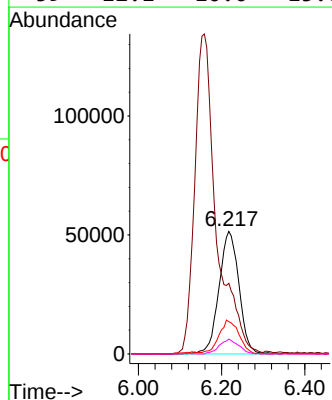
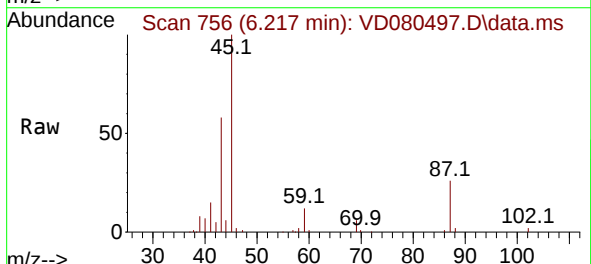
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

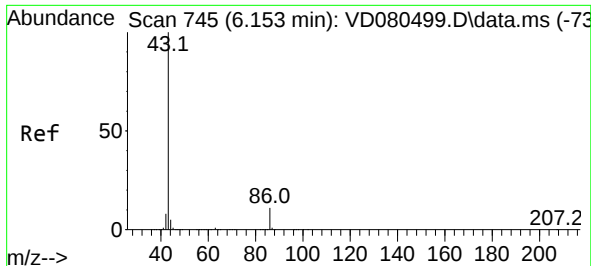
Tgt Ion: 96 Resp: 55765
Ion Ratio Lower Upper
96 100
61 123.6 107.4 161.0
98 62.9 49.9 74.9



#22
Diisopropyl ether
Concen: 9.740 ug/l
RT: 6.217 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion: 45 Resp: 171928
Ion Ratio Lower Upper
45 100
43 56.0 40.6 60.8
87 26.4 21.6 32.4
59 12.1 10.0 15.0

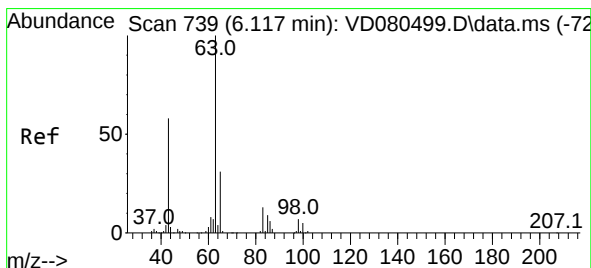
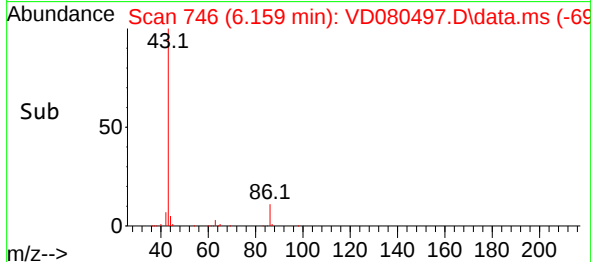
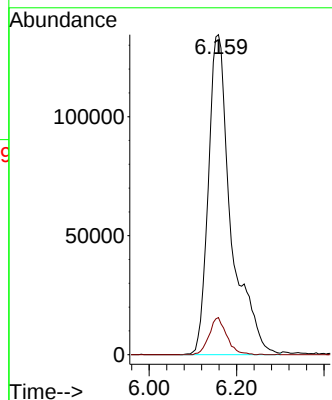
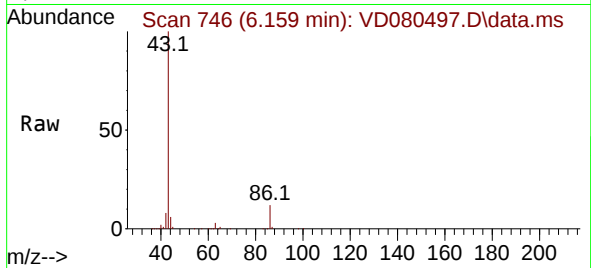




#23
 Vinyl Acetate
 Concen: 48.349 ug/l
 RT: 6.159 min Scan# 746
 Delta R.T. 0.006 min
 Lab File: VD080497.D
 Acq: 27 Aug 2025 09:40

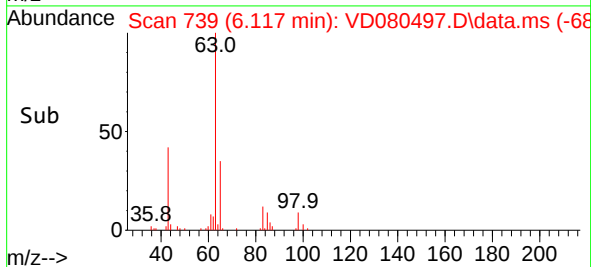
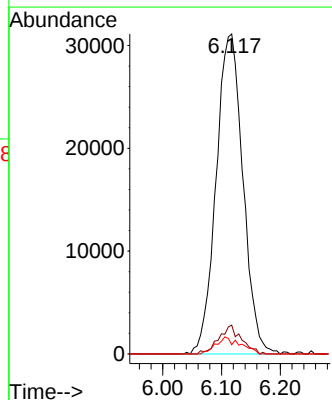
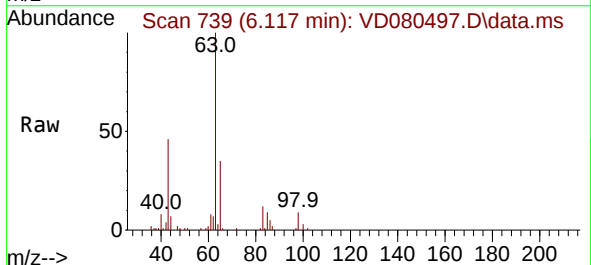
Instrument :
 MSVOA_D
 ClientSampleId :
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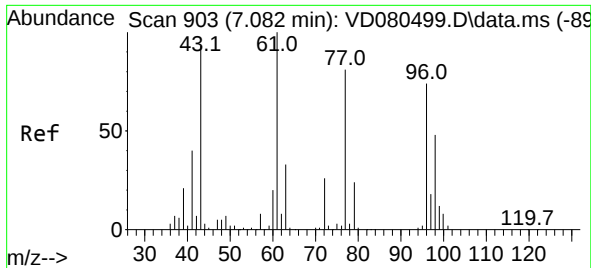
Tgt Ion: 43 Resp: 485668
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 9.660 ug/l
 RT: 6.117 min Scan# 739
 Delta R.T. -0.000 min
 Lab File: VD080497.D
 Acq: 27 Aug 2025 09:40

Tgt Ion: 63 Resp: 98704
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.3 9.9
 100 2.9 2.4 7.1

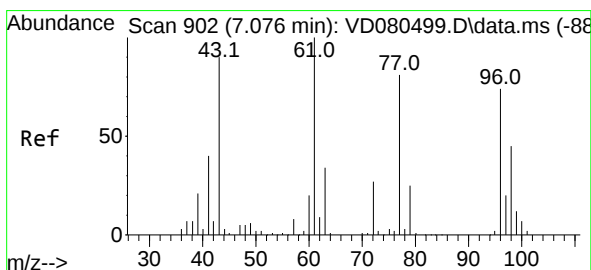
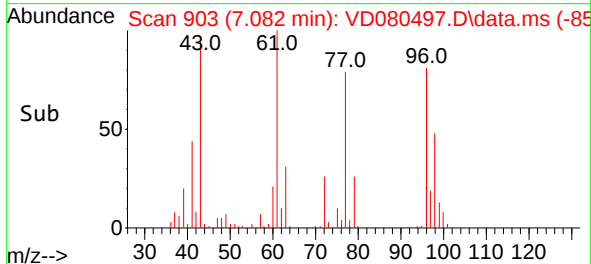
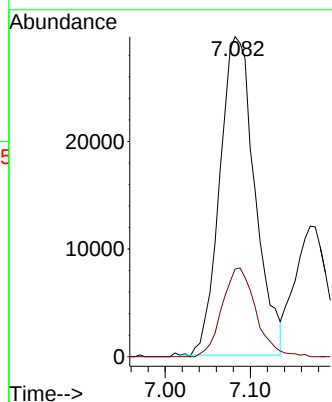
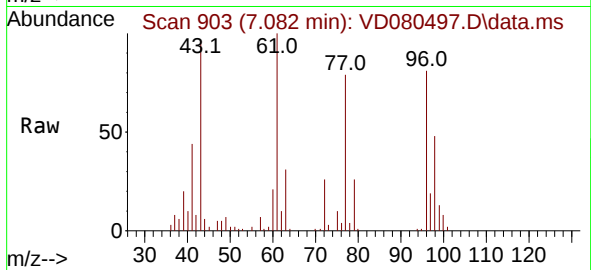




#25
2-Butanone
Concen: 50.079 ug/l
RT: 7.082 min Scan# 903
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

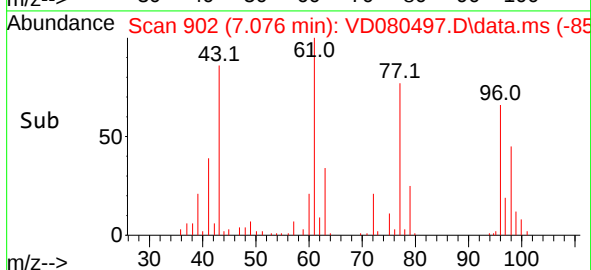
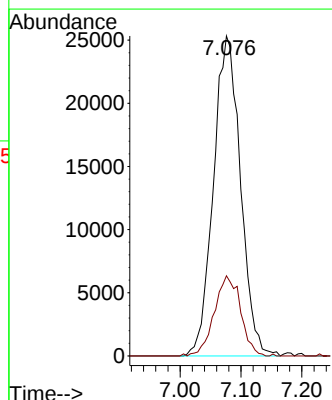
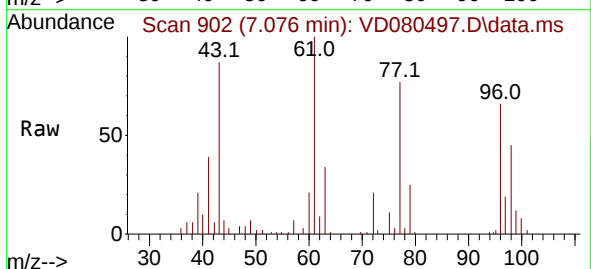
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

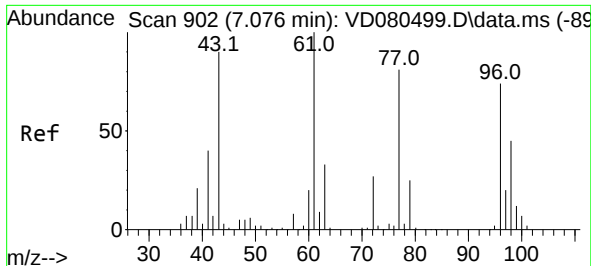
Tgt Ion: 43 Resp: 84762
Ion Ratio Lower Upper
43 100
72 27.5 22.8 34.2



#26
2,2-Dichloropropane
Concen: 9.665 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion: 77 Resp: 78198
Ion Ratio Lower Upper
77 100
97 24.3 12.4 37.0



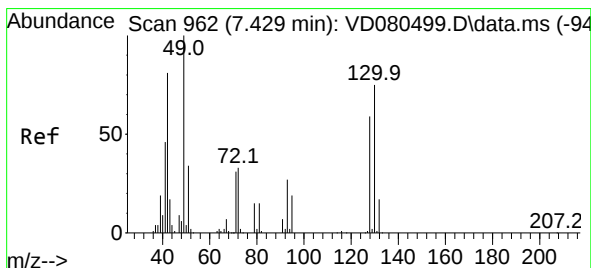
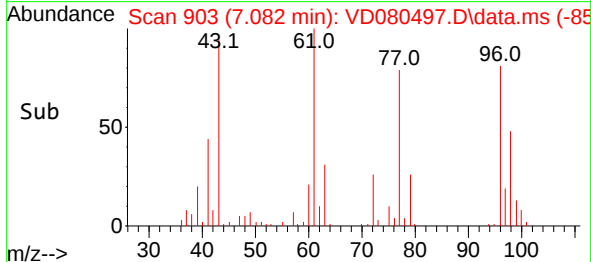
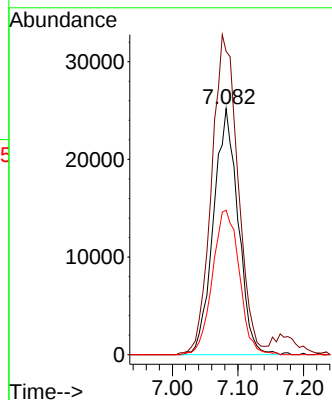
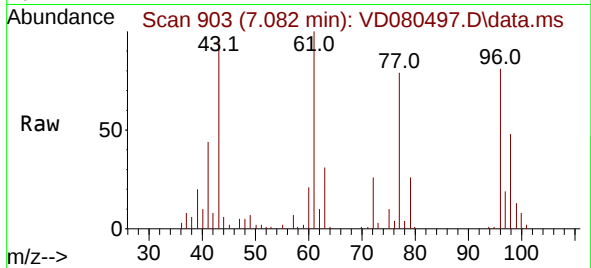


#27
 cis-1,2-Dichloroethene
 Concen: 9.737 ug/l
 RT: 7.082 min Scan# 903
 Delta R.T. 0.006 min
 Lab File: VD080497.D
 Acq: 27 Aug 2025 09:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion: 96 Resp: 65750

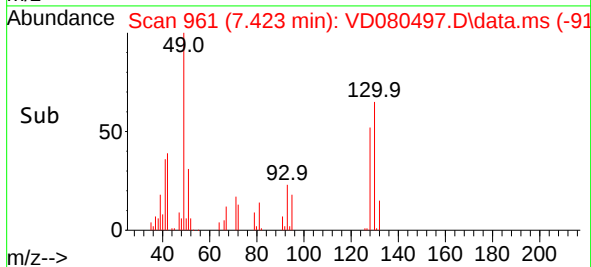
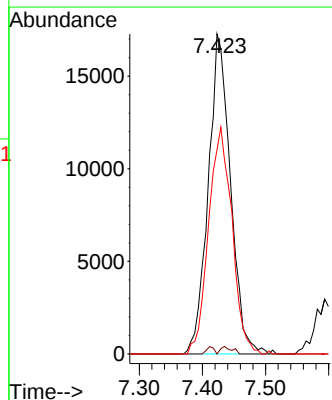
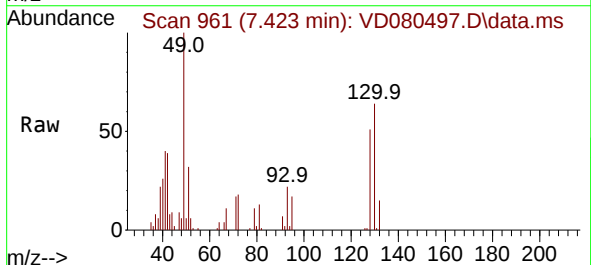
Ion	Ratio	Lower	Upper
96	100		
61	139.3	0.0	275.2
98	63.9	0.0	128.8

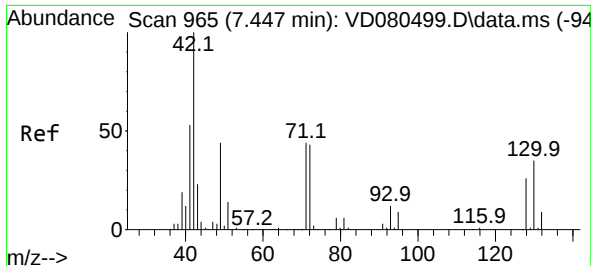


#28
 Bromochloromethane
 Concen: 10.166 ug/l
 RT: 7.423 min Scan# 961
 Delta R.T. -0.006 min
 Lab File: VD080497.D
 Acq: 27 Aug 2025 09:40

Tgt Ion: 49 Resp: 42331

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.0
130	74.3	61.1	91.7





#29

Tetrahydrofuran

Concen: 48.353 ug/l

RT: 7.447 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD080497.D

Acq: 27 Aug 2025 09:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

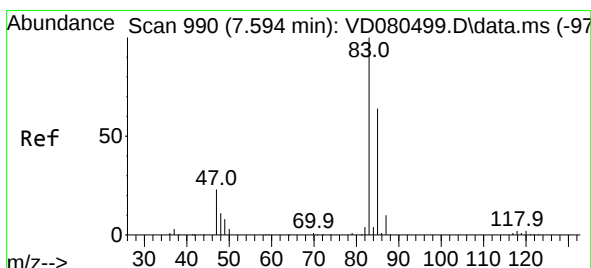
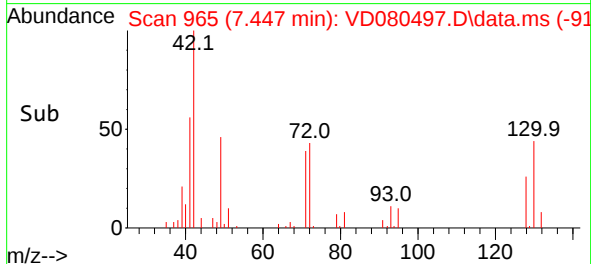
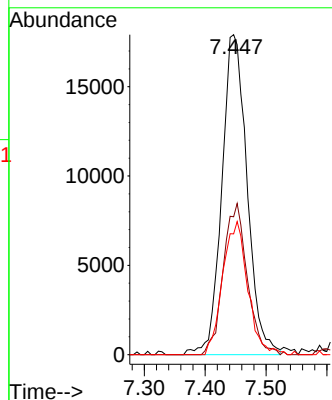
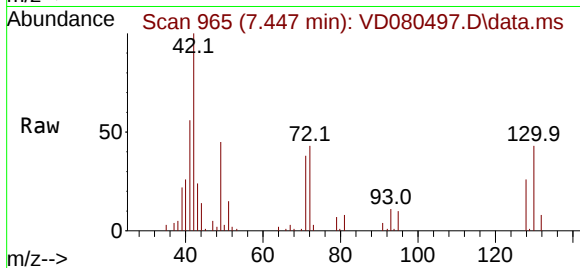
Tgt Ion: 42 Resp: 51717

Ion Ratio Lower Upper

42 100

72 45.0 34.7 52.1

71 41.2 32.9 49.3



#30

Chloroform

Concen: 9.713 ug/l

RT: 7.600 min Scan# 991

Delta R.T. 0.006 min

Lab File: VD080497.D

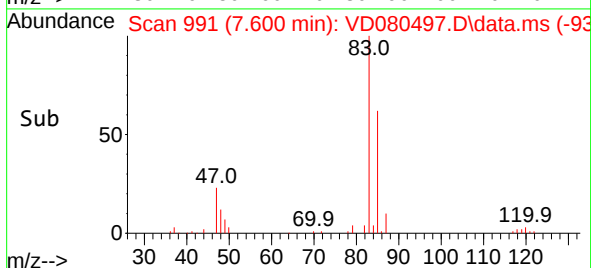
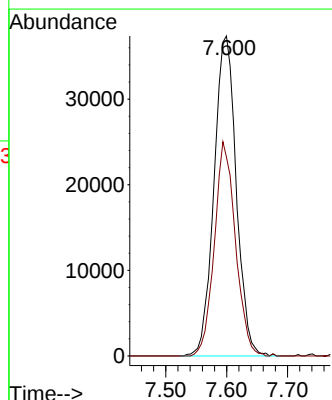
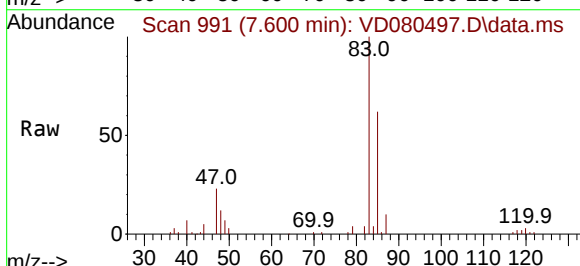
Acq: 27 Aug 2025 09:40

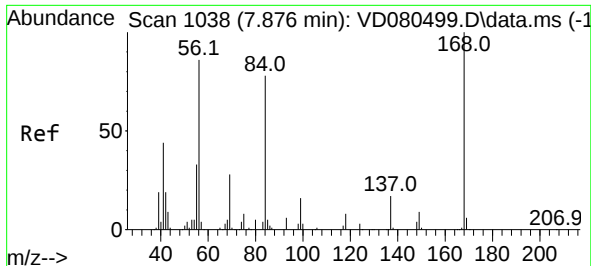
Tgt Ion: 83 Resp: 94905

Ion Ratio Lower Upper

83 100

85 62.2 51.2 76.8

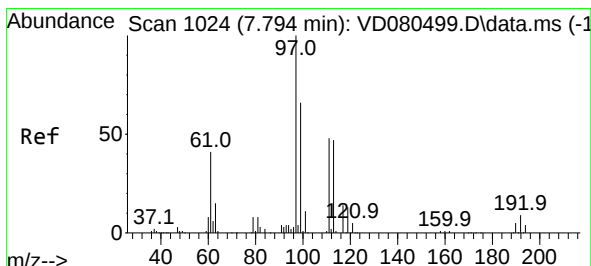
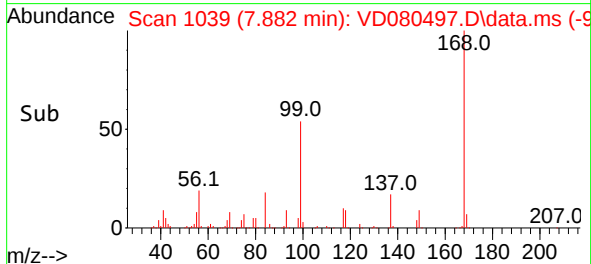
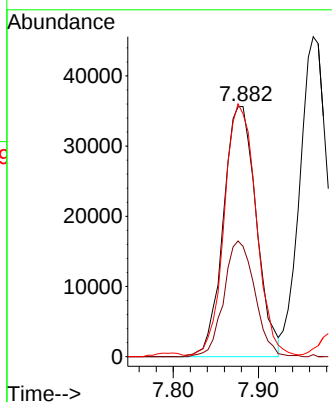
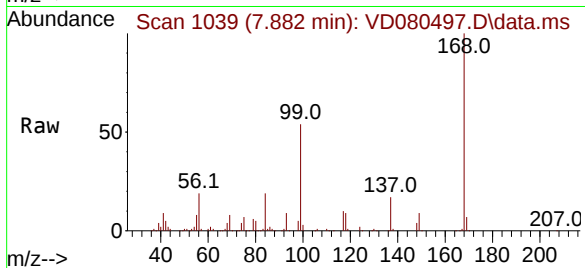




#31
Cyclohexane
Concen: 10.010 ug/l
RT: 7.882 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

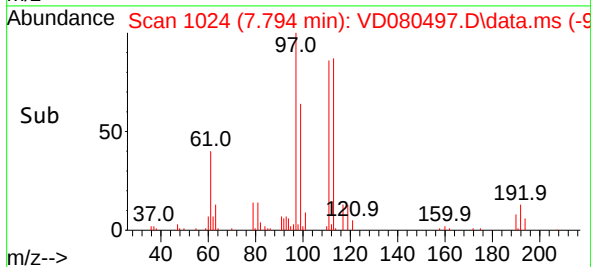
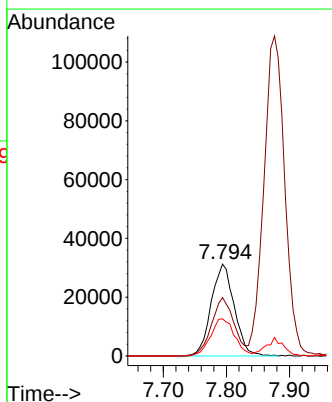
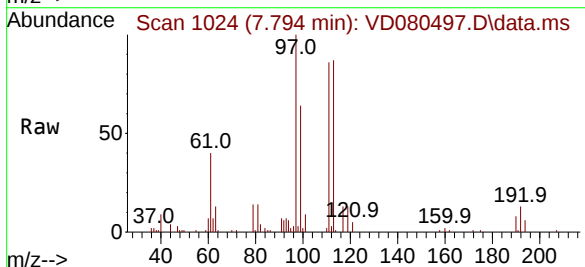
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

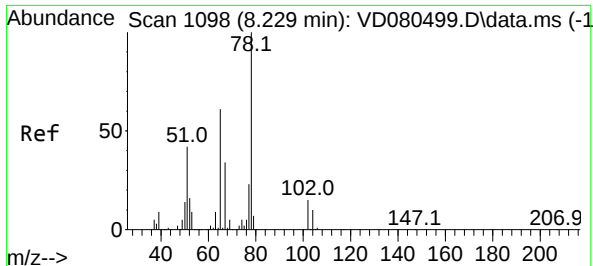
Tgt Ion: 56 Resp: 95737
Ion Ratio Lower Upper
56 100
69 44.1 26.0 39.0#
84 95.8 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 9.729 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion: 97 Resp: 79147
Ion Ratio Lower Upper
97 100
99 62.9 51.0 76.4
61 42.3 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 14.044 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VD080497.D

Acq: 27 Aug 2025 09:40

Instrument :

MSVOA_D

ClientSampleId :

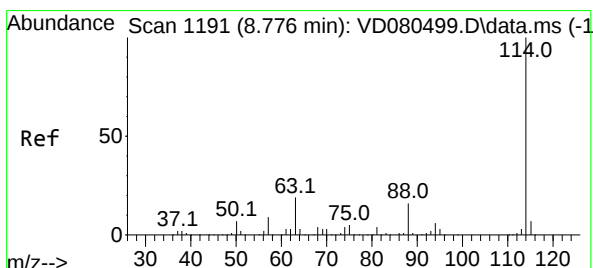
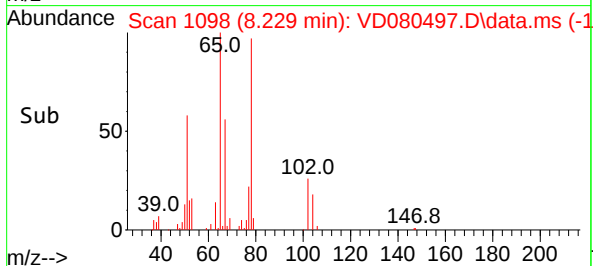
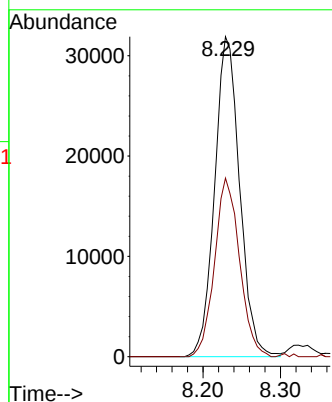
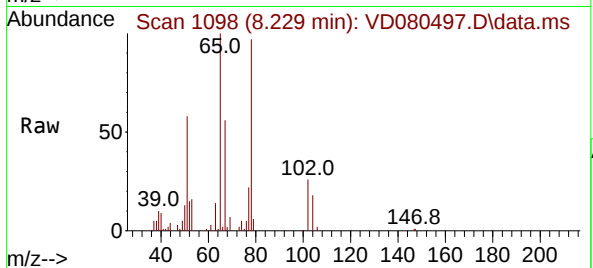
VSTDIC010

Tgt Ion: 65 Resp: 71709

Ion Ratio Lower Upper

65 100

67 55.6 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: VD080497.D

Acq: 27 Aug 2025 09:40

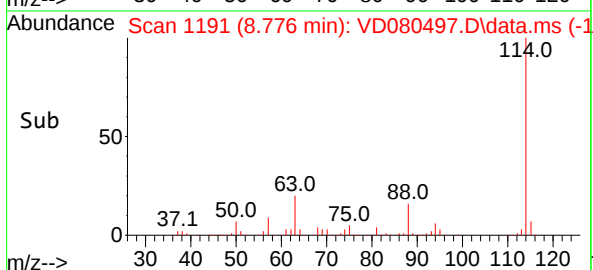
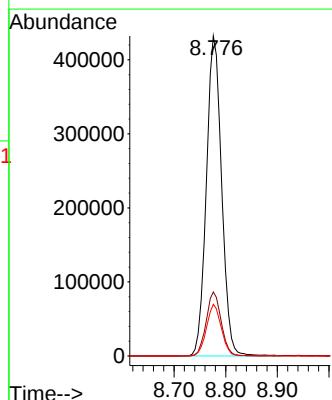
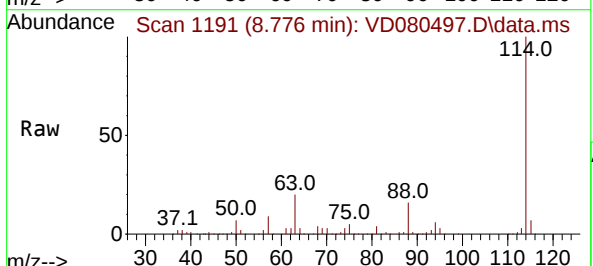
Tgt Ion:114 Resp: 886642

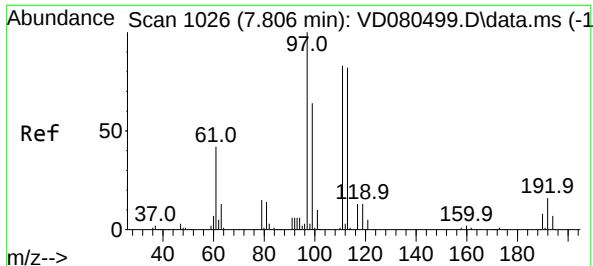
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.6

88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 15.690 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. -0.001 min

Lab File: VD080497.D

Acq: 27 Aug 2025 09:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

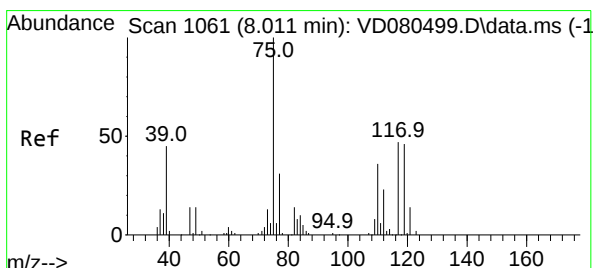
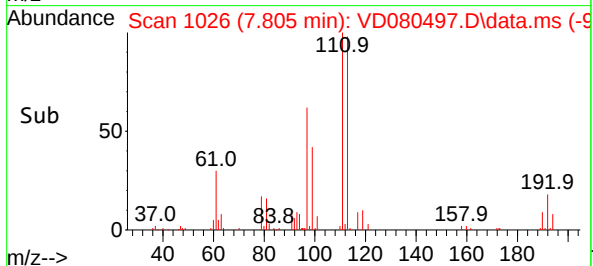
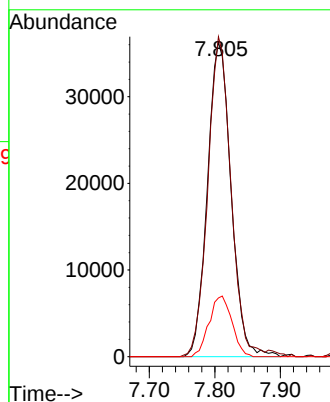
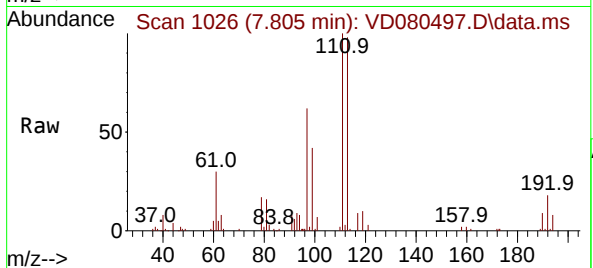
Tgt Ion:113 Resp: 90850

Ion Ratio Lower Upper

113 100

111 99.2 82.0 123.0

192 18.6 14.9 22.3



#36

1,1-Dichloropropene

Concen: 9.053 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.000 min

Lab File: VD080497.D

Acq: 27 Aug 2025 09:40

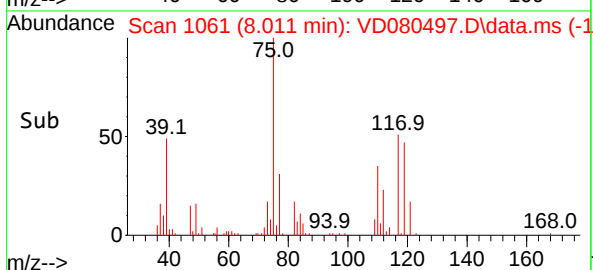
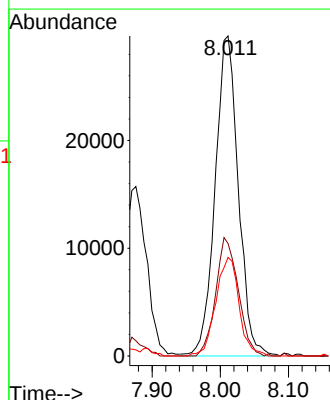
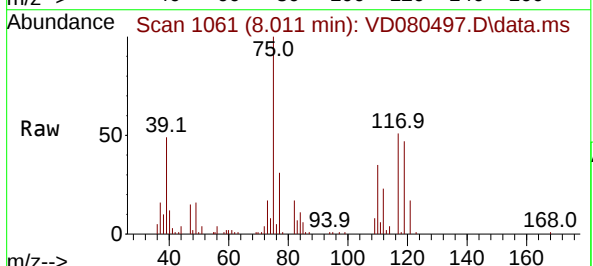
Tgt Ion: 75 Resp: 70338

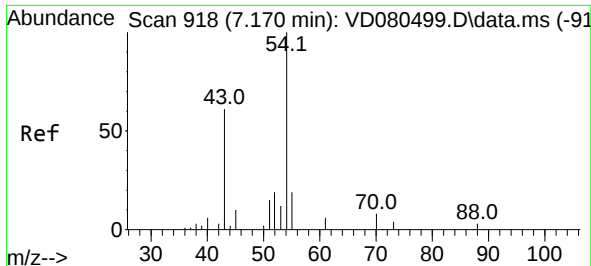
Ion Ratio Lower Upper

75 100

110 36.0 18.1 54.1

77 30.9 25.7 38.5

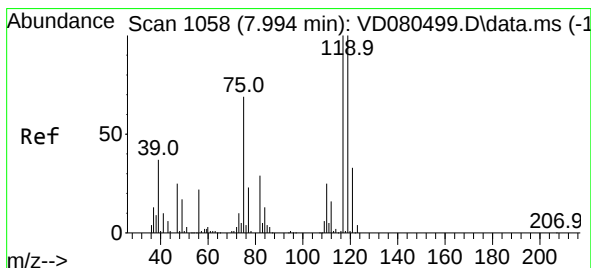
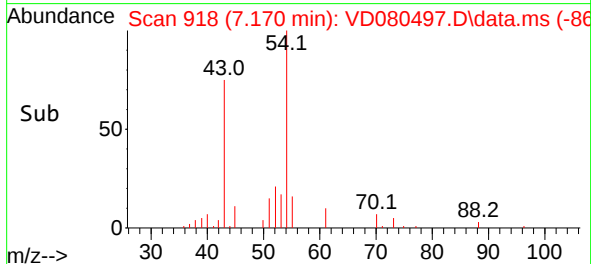
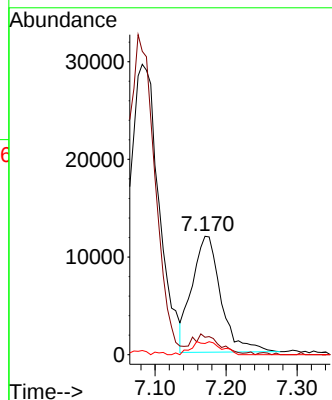
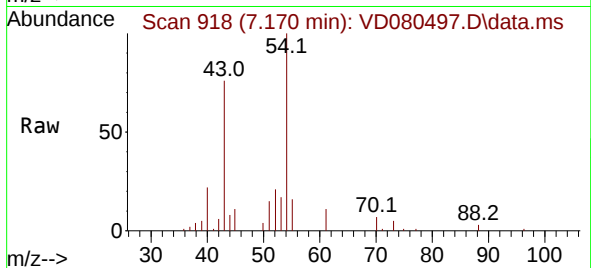




#37
Ethyl Acetate
Concen: 9.020 ug/l
RT: 7.170 min Scan# 918
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

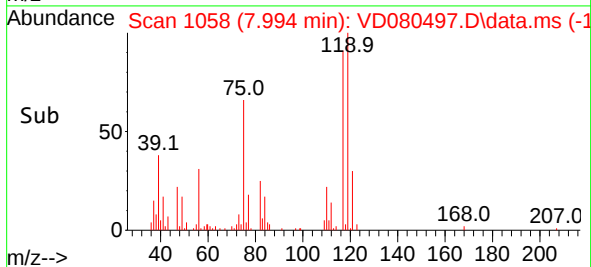
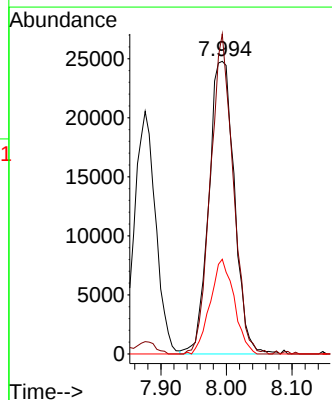
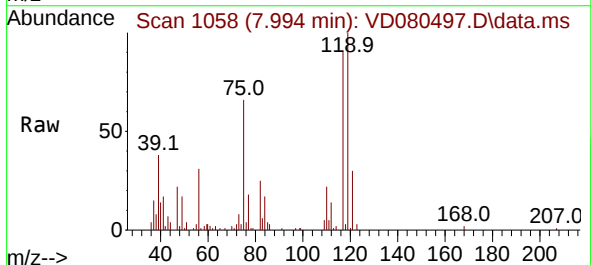
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

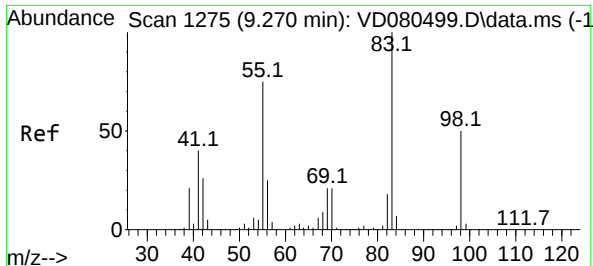
Tgt Ion: 43 Resp: 33701
Ion Ratio Lower Upper
43 100
61 16.7 11.8 17.8
70 5.7 9.0 13.4#



#38
Carbon Tetrachloride
Concen: 9.056 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion: 117 Resp: 66971
Ion Ratio Lower Upper
117 100
119 109.3 80.2 120.2
121 32.3 26.8 40.2





#39

Methylcyclohexane

Concen: 9.169 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VD080497.D

Acq: 27 Aug 2025 09:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

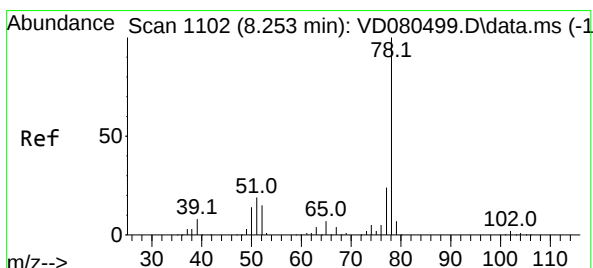
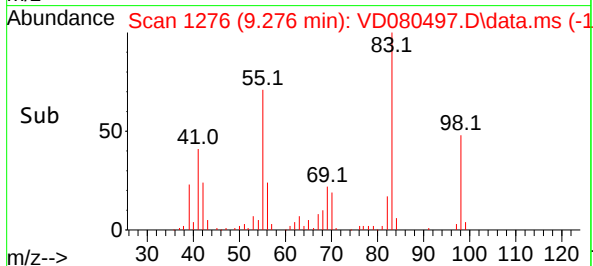
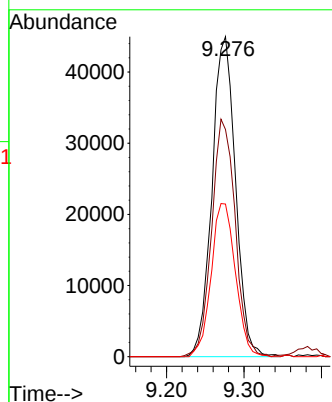
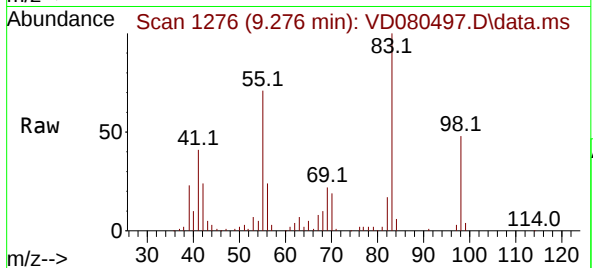
Tgt Ion: 83 Resp: 94827

Ion Ratio Lower Upper

83 100

55 71.0 60.4 90.6

98 47.7 39.8 59.6



#40

Benzene

Concen: 9.057 ug/l

RT: 8.252 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VD080497.D

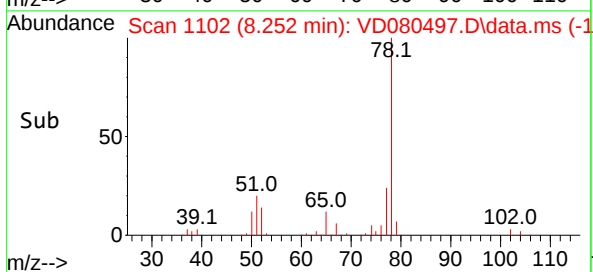
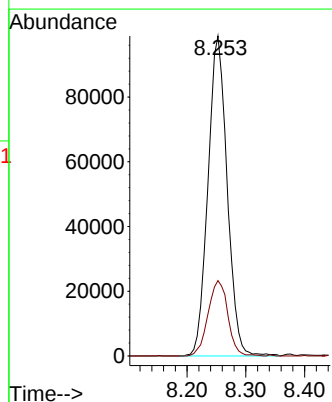
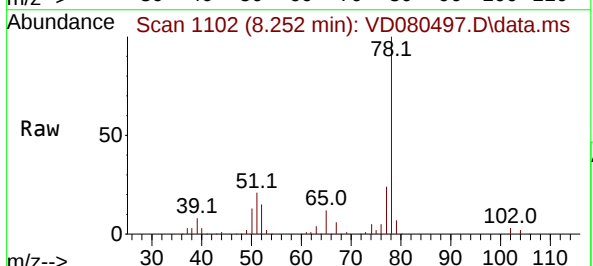
Acq: 27 Aug 2025 09:40

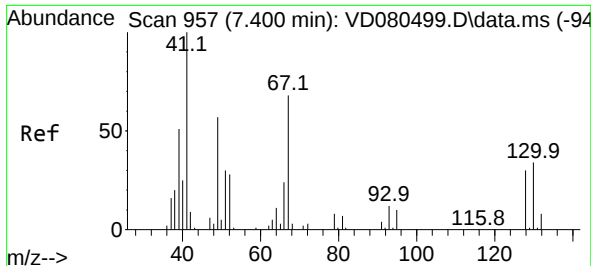
Tgt Ion: 78 Resp: 223946

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

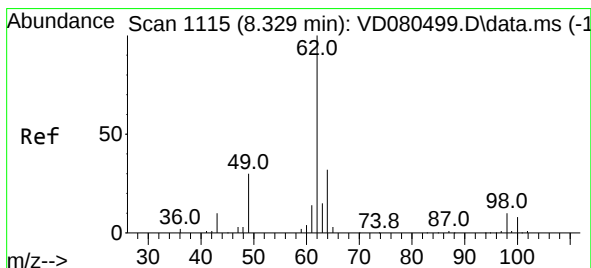
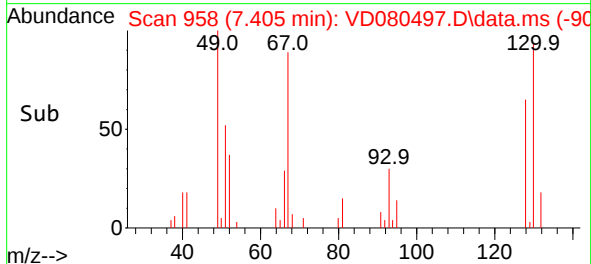
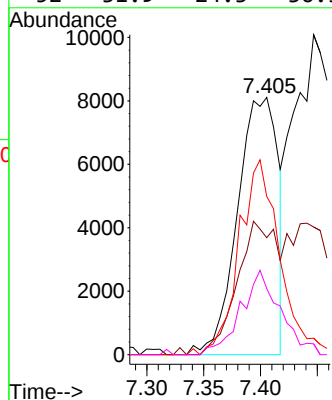
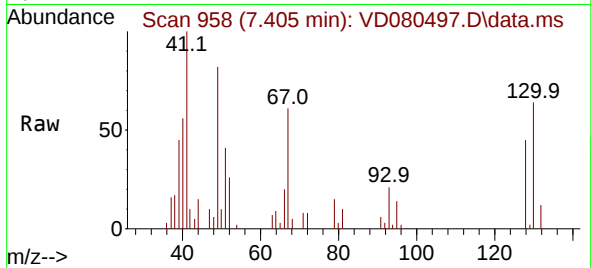




#41
Methacrylonitrile
Concen: 9.071 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

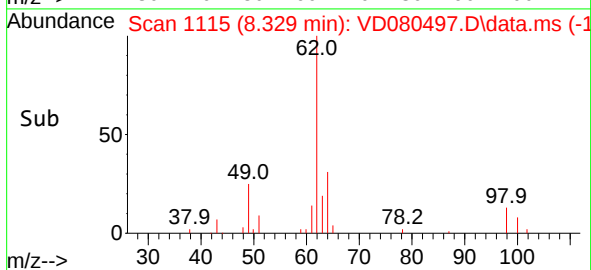
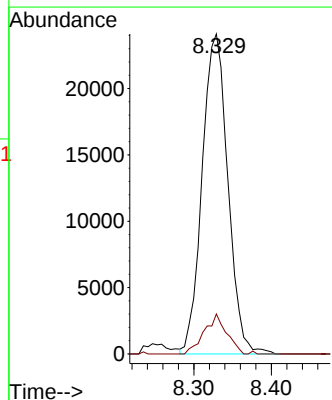
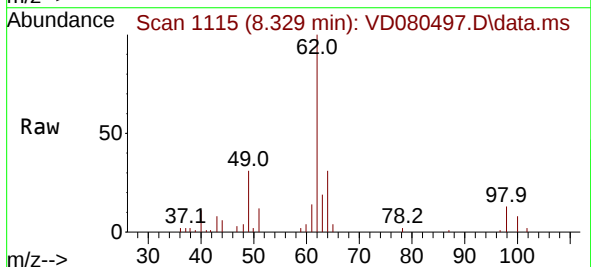
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

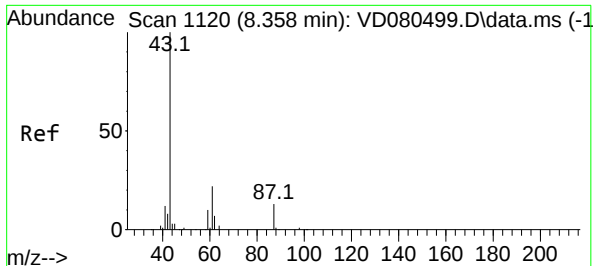
Tgt Ion:	41	Resp:	20121
Ion	Ratio	Lower	Upper
41	100		
39	50.9	50.1	75.1
67	76.1	60.8	91.2
52	31.9	24.3	36.5



#42
1,2-Dichloroethane
Concen: 9.287 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion:	62	Resp:	55623
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.0





#43

Isopropyl Acetate

Concen: 9.033 ug/l

RT: 8.358 min Scan# 1120

Delta R.T. -0.000 min

Lab File: VD080497.D

Acq: 27 Aug 2025 09:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

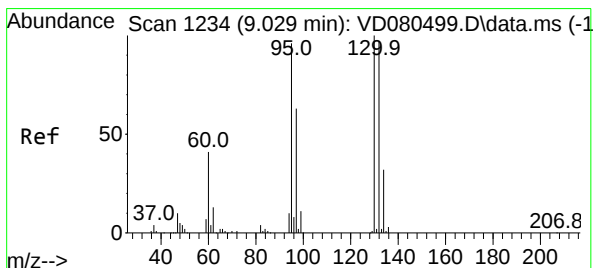
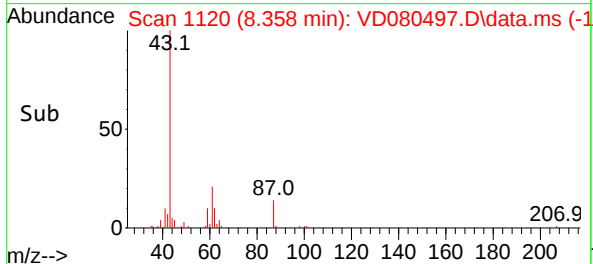
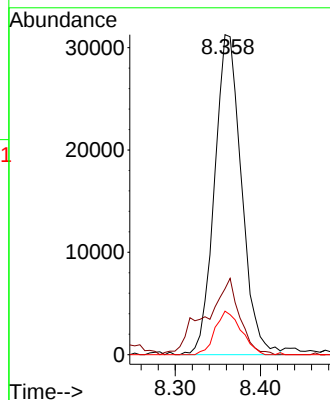
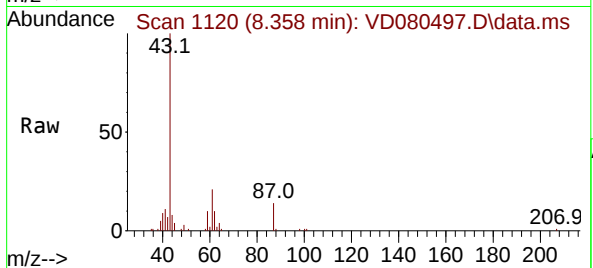
Tgt Ion: 43 Resp: 68664

Ion Ratio Lower Upper

43 100

61 30.4 24.3 36.5

87 13.2 10.9 16.3



#44

Trichloroethene

Concen: 8.895 ug/l

RT: 9.029 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VD080497.D

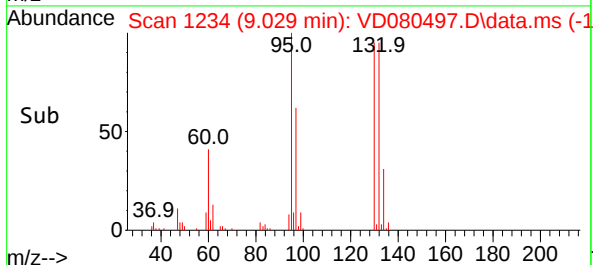
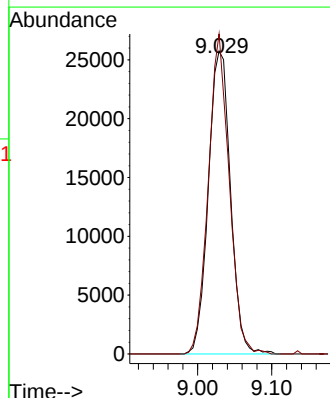
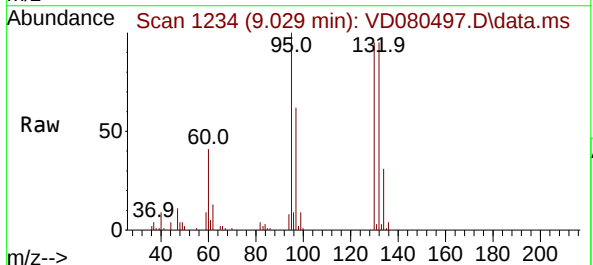
Acq: 27 Aug 2025 09:40

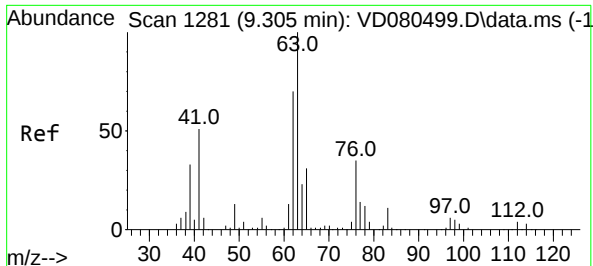
Tgt Ion:130 Resp: 53365

Ion Ratio Lower Upper

130 100

95 105.6 0.0 191.8





#45

1,2-Dichloropropane

Concen: 9.117 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD080497.D

Acq: 27 Aug 2025 09:40

Instrument :

MSVOA_D

ClientSampleId :

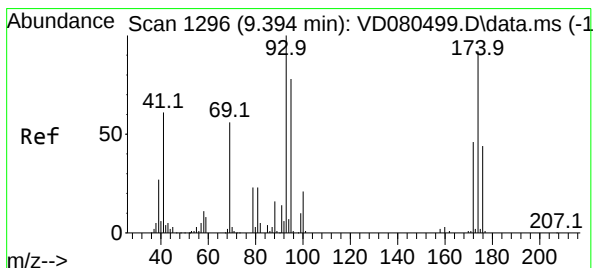
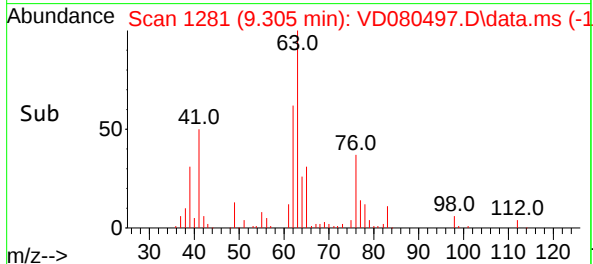
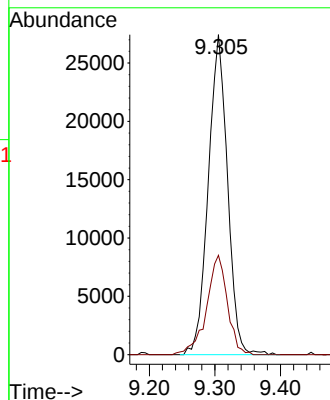
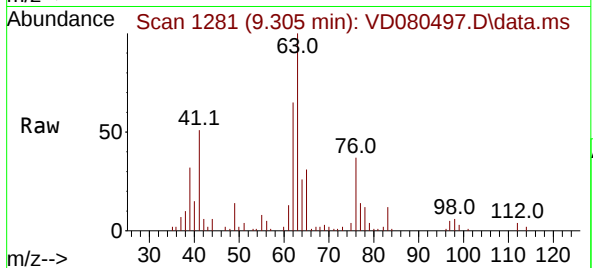
VSTDIC010

Tgt Ion: 63 Resp: 55908

Ion Ratio Lower Upper

63 100

65 31.0 24.9 37.3



#46

Dibromomethane

Concen: 9.098 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VD080497.D

Acq: 27 Aug 2025 09:40

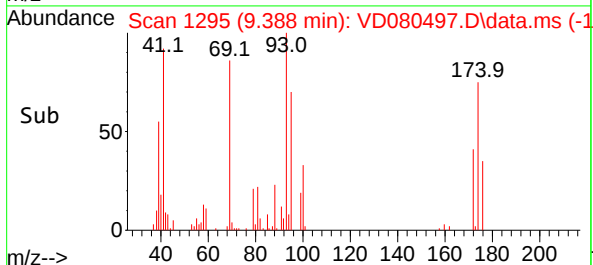
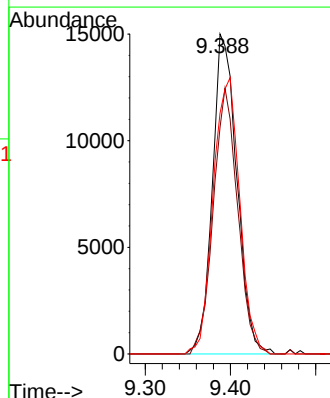
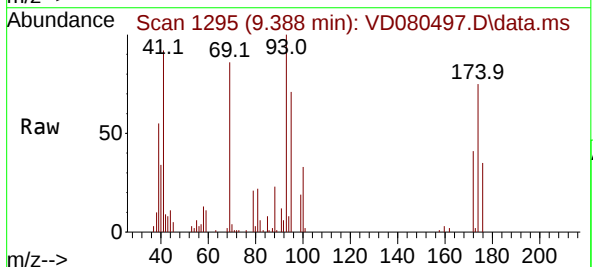
Tgt Ion: 93 Resp: 29890

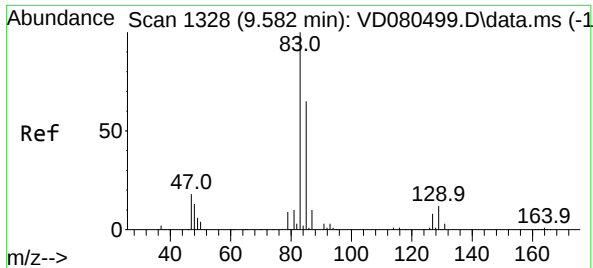
Ion Ratio Lower Upper

93 100

95 82.9 66.3 99.5

174 93.4 74.8 112.2

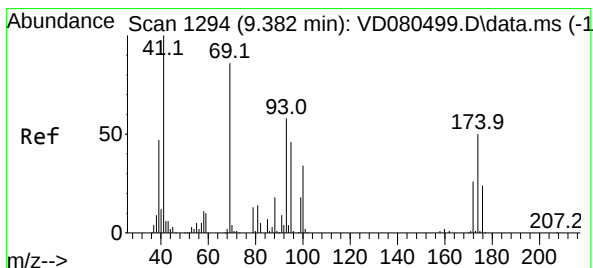
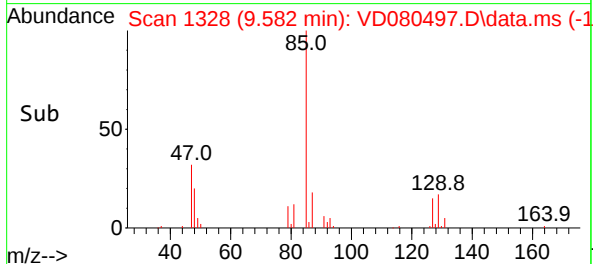
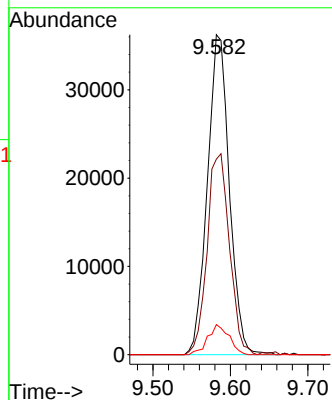
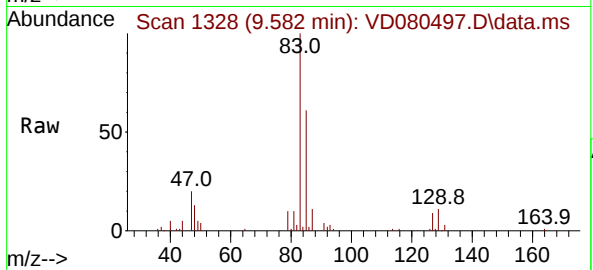




#47
Bromodichloromethane
Concen: 8.930 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

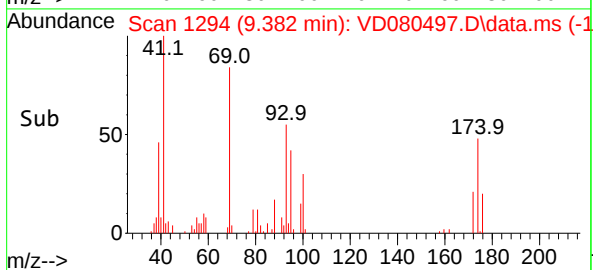
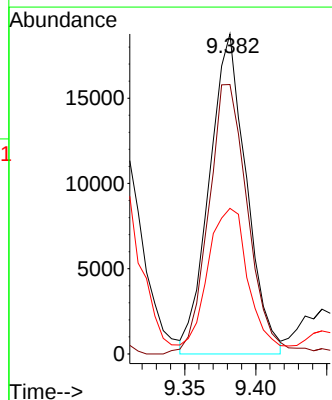
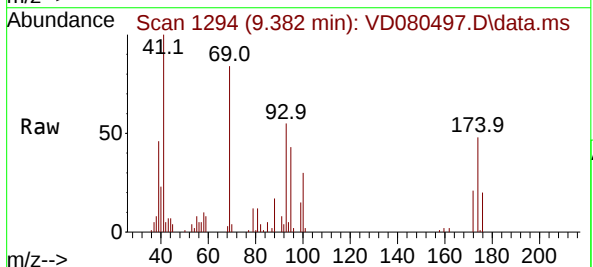
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

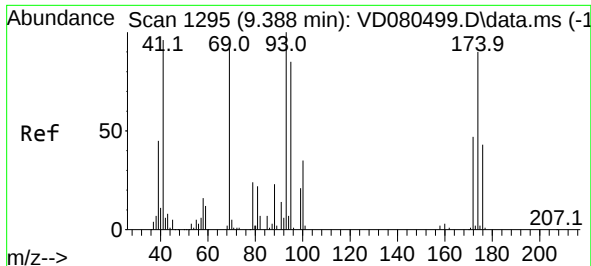
Tgt Ion:	83	Resp:	71525
Ion Ratio	Lower	Upper	
83	100		
85	61.1	52.2	78.2
127	9.4	6.6	9.8



#48
Methyl methacrylate
Concen: 9.030 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion:	41	Resp:	34030
Ion Ratio	Lower	Upper	
41	100		
69	89.8	68.7	103.1
39	50.9	36.5	54.7





#49

1,4-Dioxane

Concen: 192.625 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VD080497.D

Acq: 27 Aug 2025 09:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

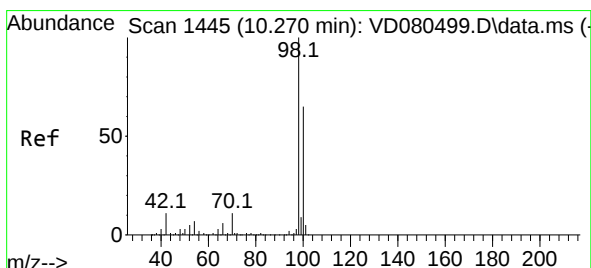
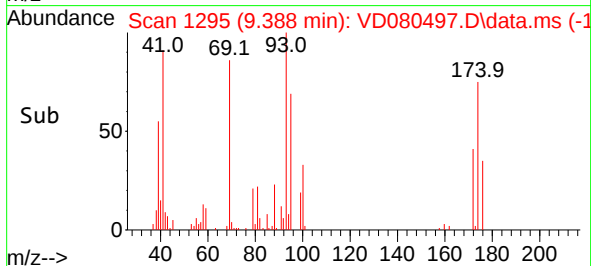
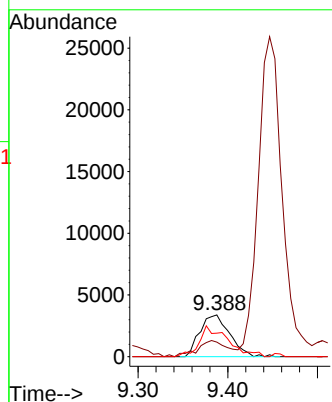
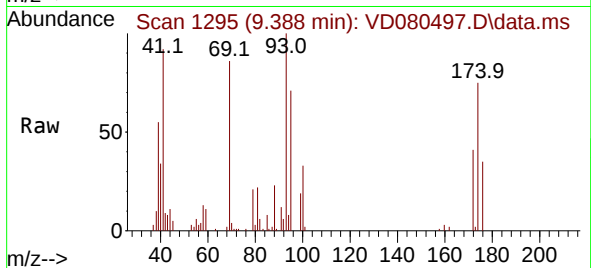
Tgt Ion: 88 Resp: 7824

Ion Ratio Lower Upper

88 100

43 38.9 26.1 39.1

58 70.3 54.2 81.2



#50

Toluene-d8

Concen: 14.690 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080497.D

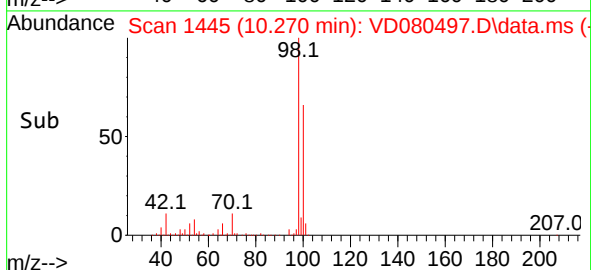
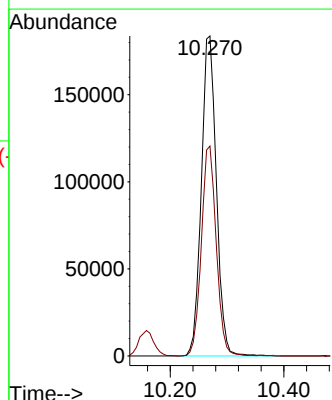
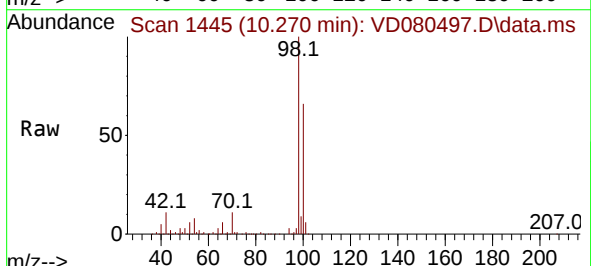
Acq: 27 Aug 2025 09:40

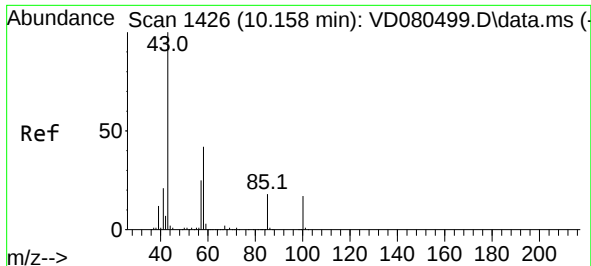
Tgt Ion: 98 Resp: 337171

Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.6

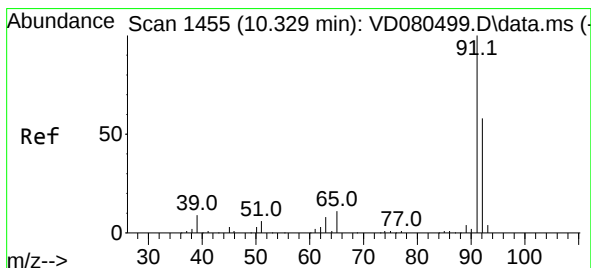
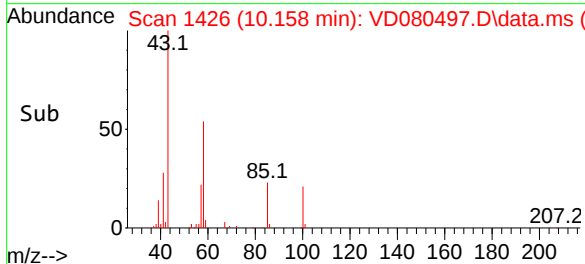
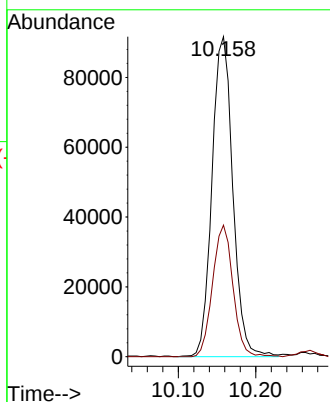
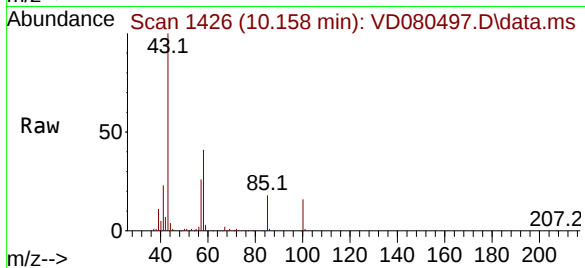




#51
4-Methyl-2-Pentanone
Concen: 45.232 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

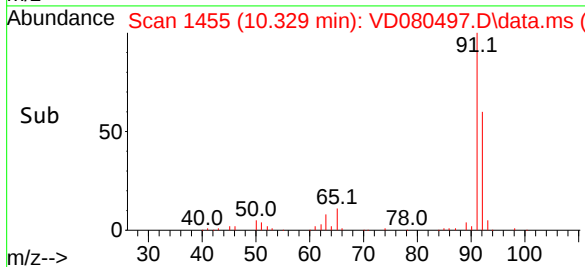
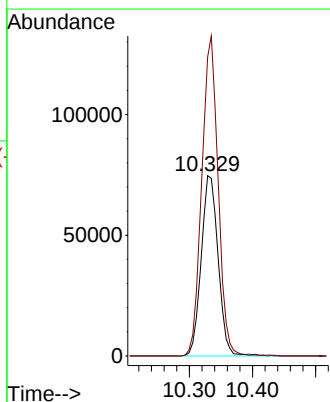
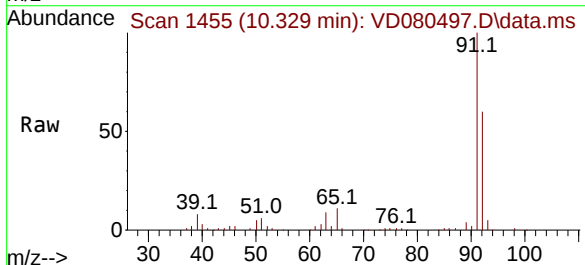
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

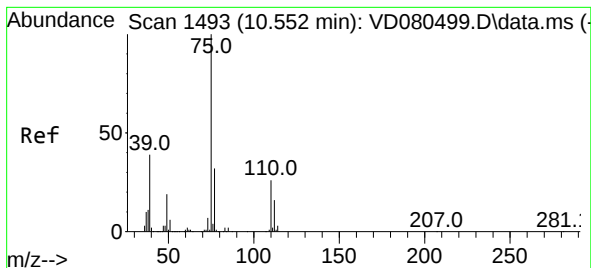
Tgt Ion: 43 Resp: 171483
Ion Ratio Lower Upper
43 100
58 40.3 32.8 49.2



#52
Toluene
Concen: 8.980 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion: 92 Resp: 138478
Ion Ratio Lower Upper
92 100
91 171.9 138.8 208.2

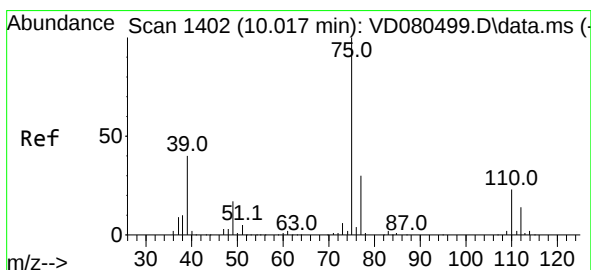
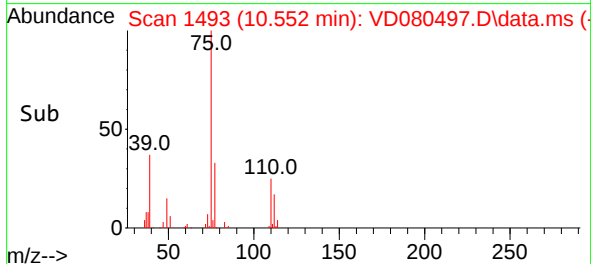
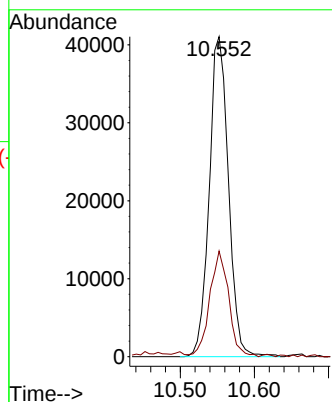
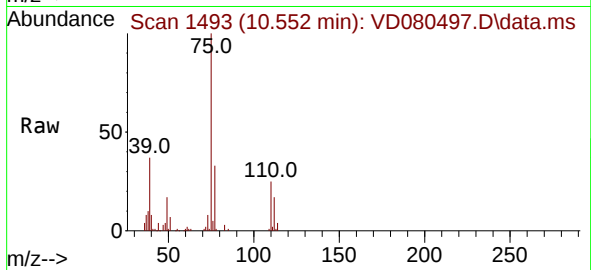




#53
t-1,3-Dichloropropene
Concen: 9.068 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

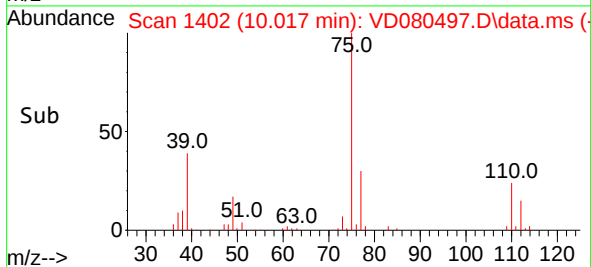
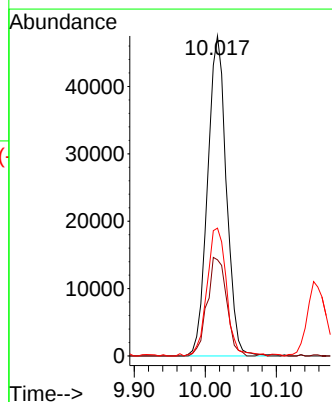
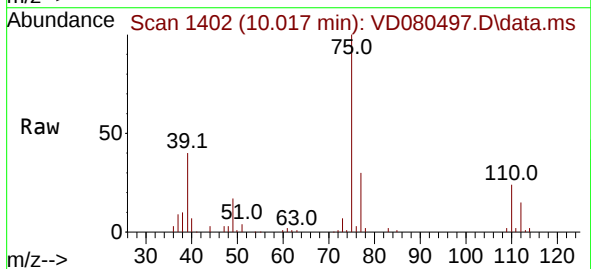
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

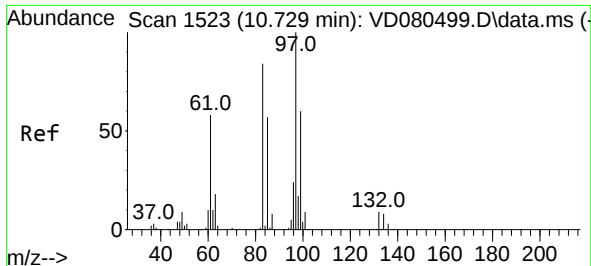
Tgt Ion: 75 Resp: 74016
Ion Ratio Lower Upper
75 100
77 32.5 25.9 38.9



#54
cis-1,3-Dichloropropene
Concen: 8.946 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion: 75 Resp: 87324
Ion Ratio Lower Upper
75 100
77 30.1 24.2 36.4
39 39.6 31.8 47.6

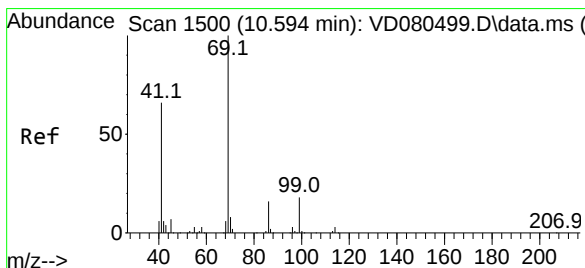
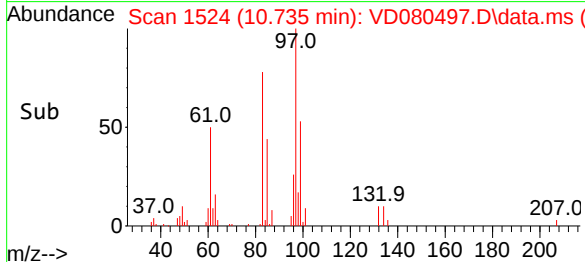
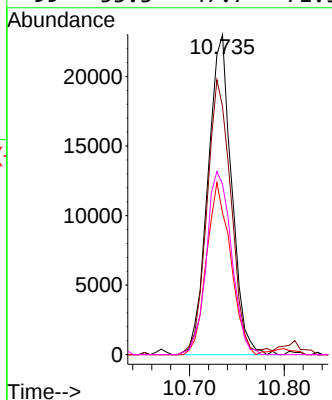
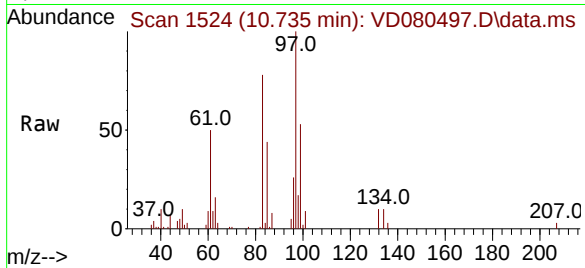




#55
1,1,2-Trichloroethane
Concen: 9.116 ug/l
RT: 10.735 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

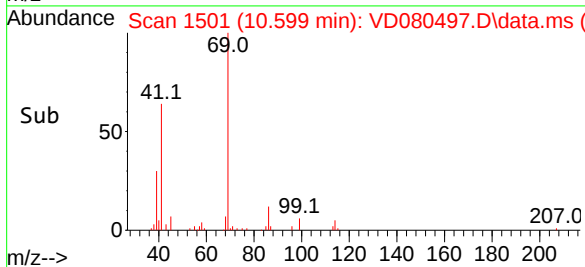
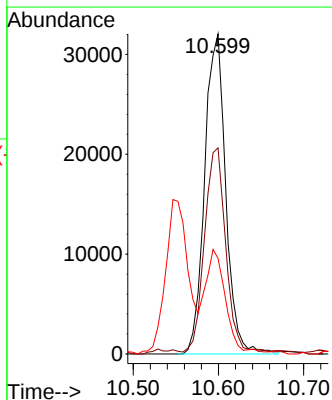
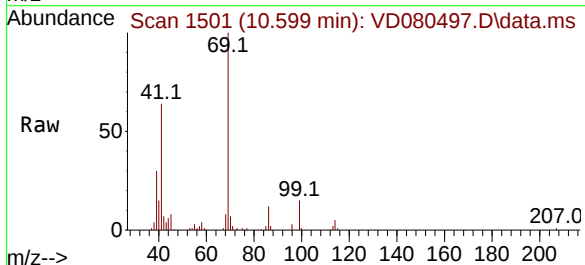
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

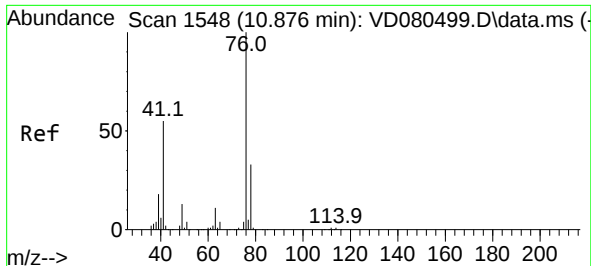
Tgt Ion: 97	Resp: 40157
Ion Ratio	Lower Upper
97 100	
83 77.6	67.0 100.6
85 44.2	45.6 68.4#
99 53.3	47.7 71.5



#56
Ethyl methacrylate
Concen: 8.978 ug/l
RT: 10.599 min Scan# 1501
Delta R.T. 0.006 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion: 69	Resp: 55102
Ion Ratio	Lower Upper
69 100	
41 63.9	51.9 77.9
39 30.5	23.6 35.4





#57

1,3-Dichloropropane

Concen: 9.085 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. -0.000 min

Lab File: VD080497.D

Acq: 27 Aug 2025 09:40

Instrument :

MSVOA_D

ClientSampleId :

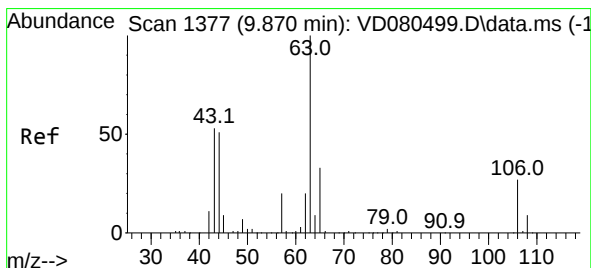
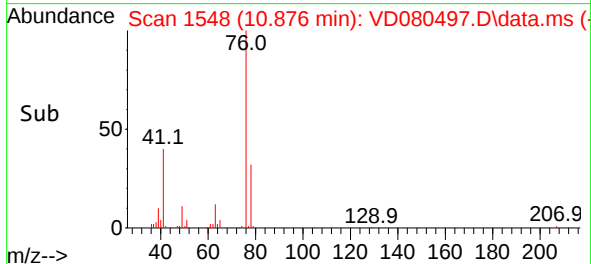
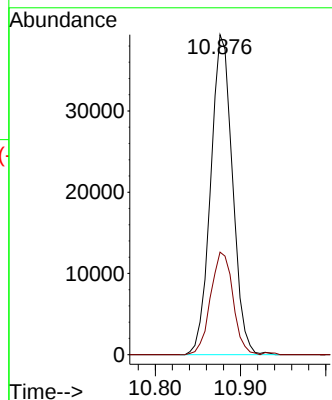
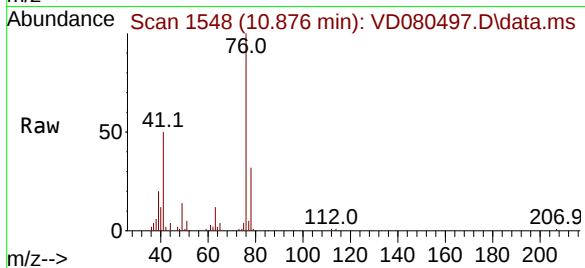
VSTDIC010

Tgt Ion: 76 Resp: 70234

Ion Ratio Lower Upper

76 100

78 32.9 26.9 40.3



#58

2-Chloroethyl Vinyl ether

Concen: 42.514 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VD080497.D

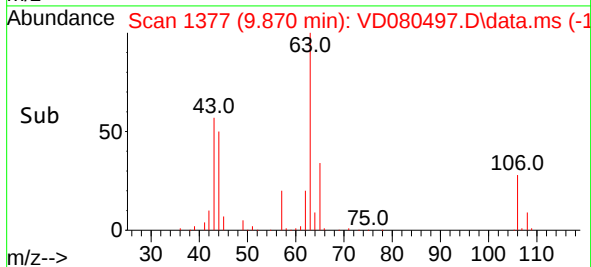
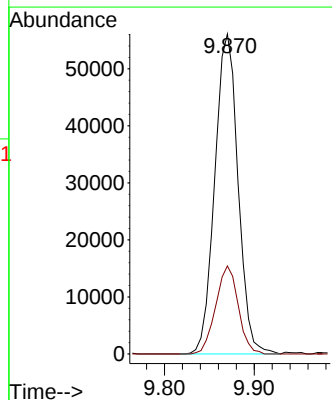
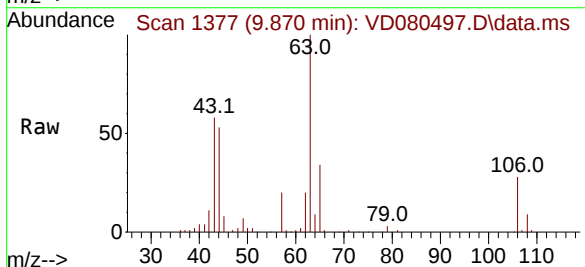
Acq: 27 Aug 2025 09:40

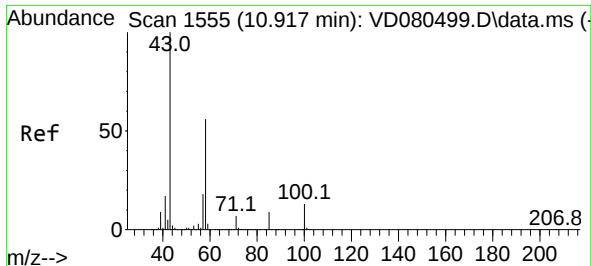
Tgt Ion: 63 Resp: 100972

Ion Ratio Lower Upper

63 100

106 26.6 22.1 33.1

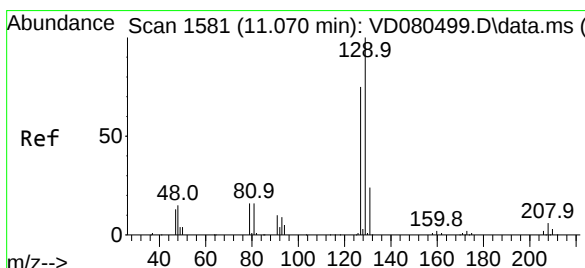
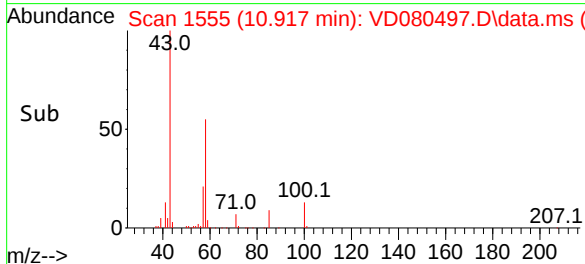
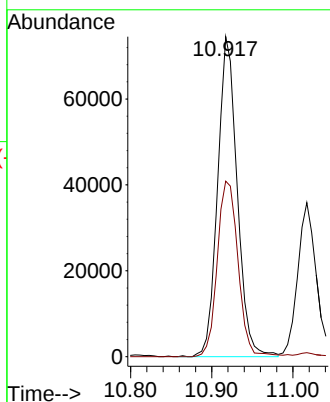
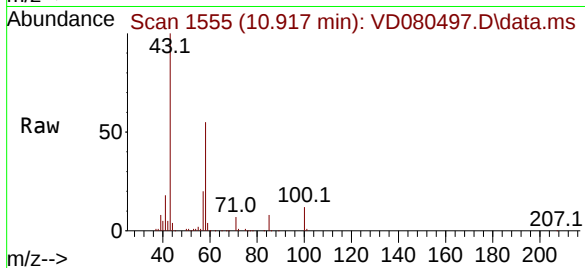




#59
2-Hexanone
Concen: 46.402 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

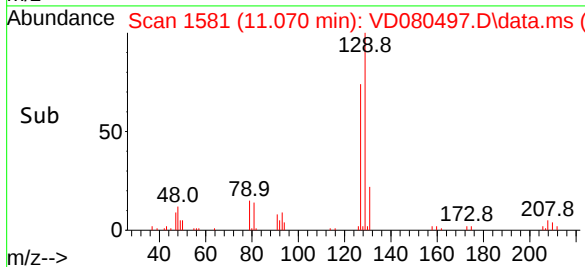
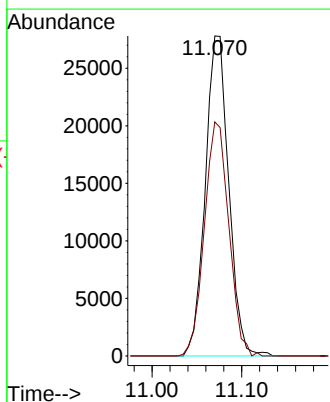
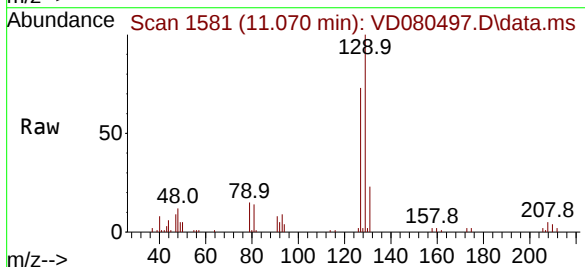
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

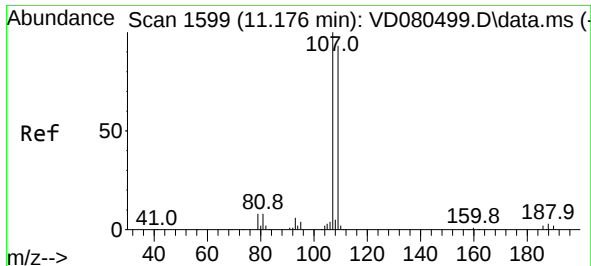
Tgt Ion: 43 Resp: 124993
Ion Ratio Lower Upper
43 100
58 58.2 28.3 85.0



#60
Dibromochloromethane
Concen: 9.082 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion: 129 Resp: 50416
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.7

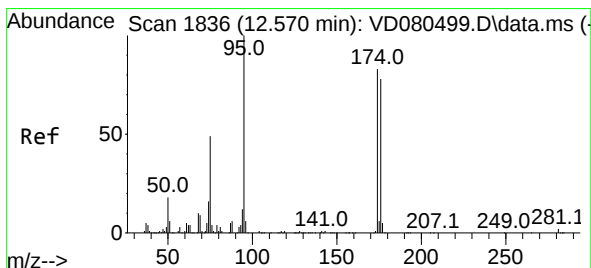
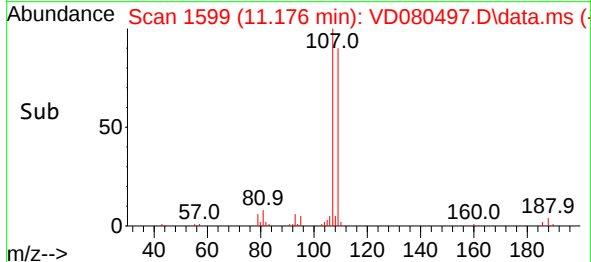
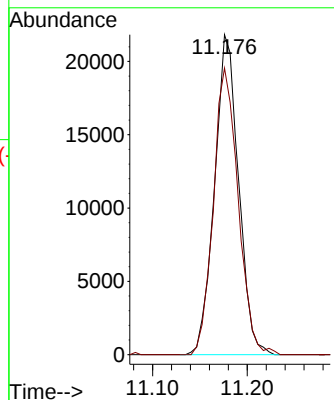
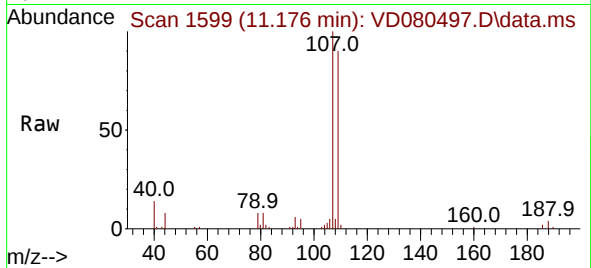




#61
1,2-Dibromoethane
Concen: 9.172 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

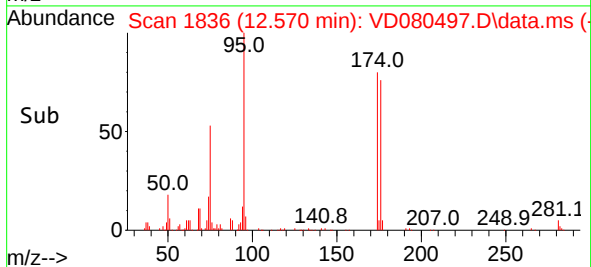
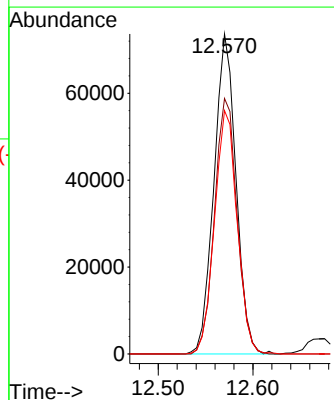
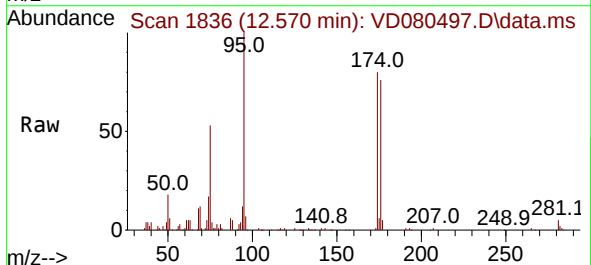
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

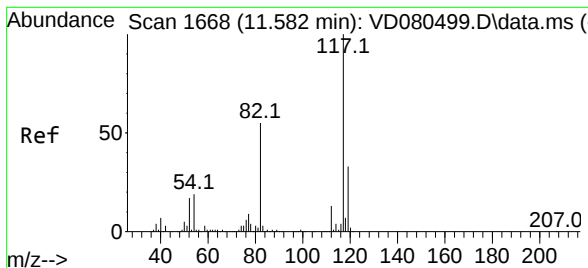
Tgt Ion:107 Resp: 38446
Ion Ratio Lower Upper
107 100
109 92.5 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 16.059 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion: 95 Resp: 118924
Ion Ratio Lower Upper
95 100
174 81.8 0.0 162.6
176 78.3 0.0 156.0

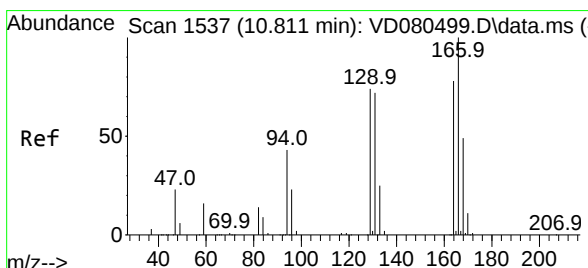
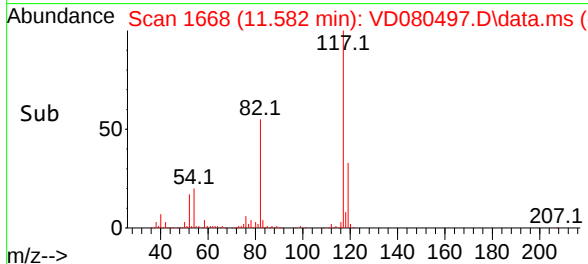
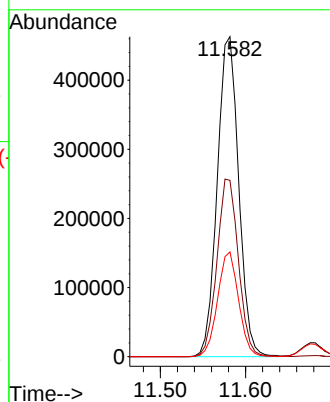
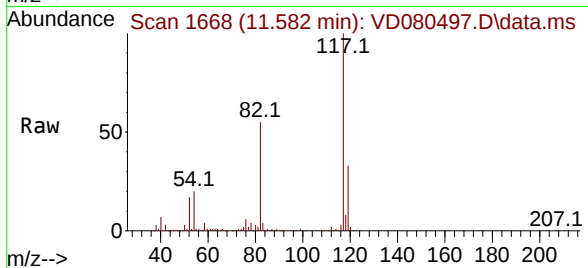




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

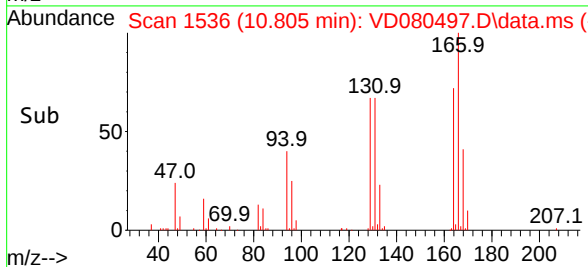
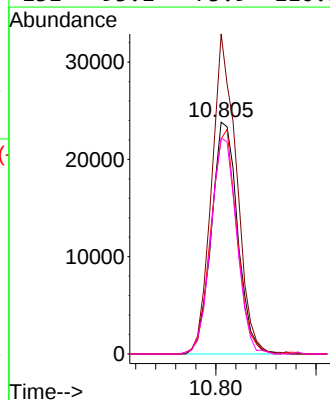
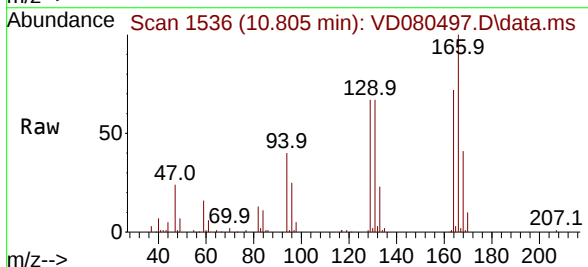
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

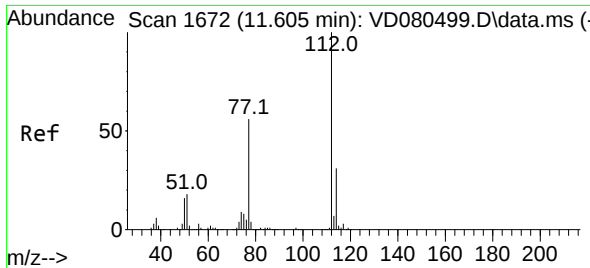
Tgt Ion:117 Resp: 810787
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.6
119 32.7 26.1 39.1



#64
Tetrachloroethene
Concen: 8.656 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. -0.006 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion:164 Resp: 43342
Ion Ratio Lower Upper
164 100
166 138.0 103.1 154.7
129 92.8 76.2 114.2
131 93.1 73.9 110.9

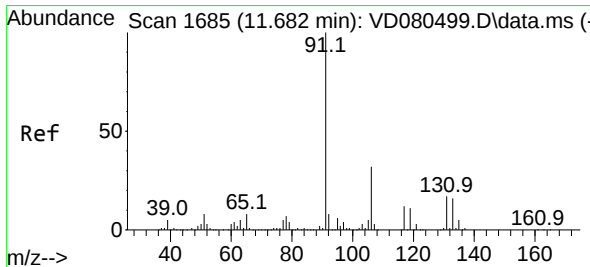
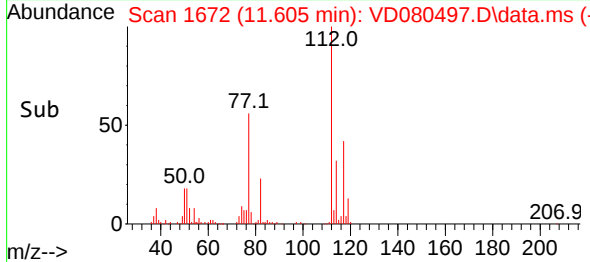
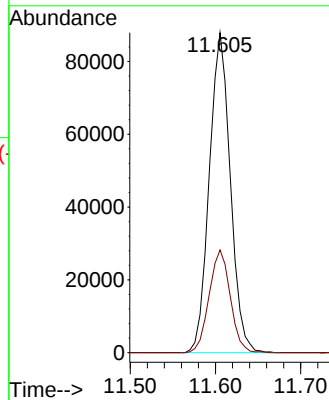
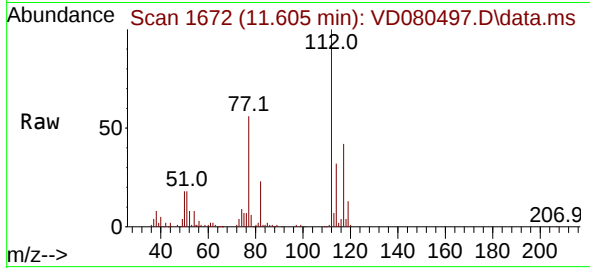




#65
Chlorobenzene
Concen: 8.710 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

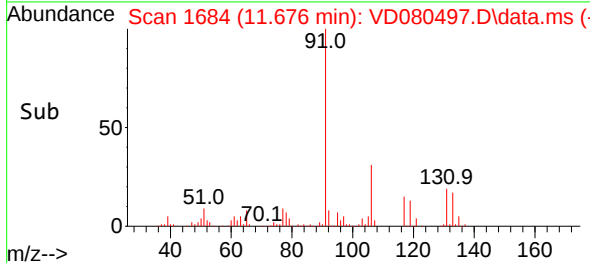
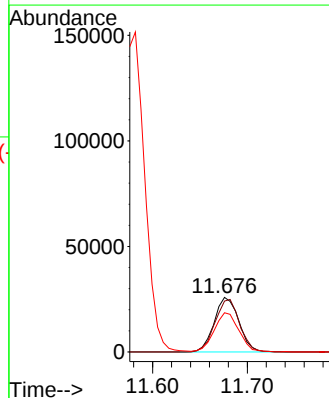
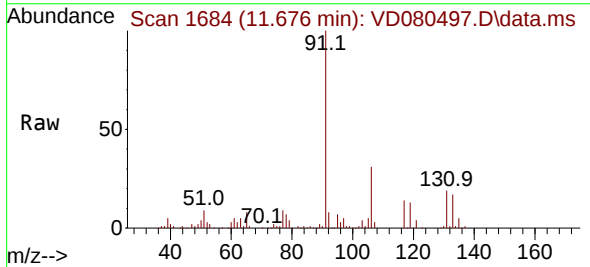
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

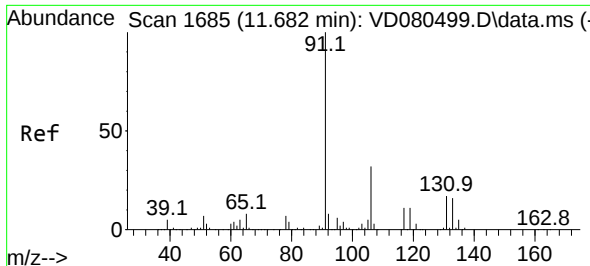
Tgt Ion:112 Resp: 150495
Ion Ratio Lower Upper
112 100
114 32.1 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 8.466 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion:131 Resp: 46654
Ion Ratio Lower Upper
131 100
133 96.2 47.8 143.3
119 72.3 34.6 103.9

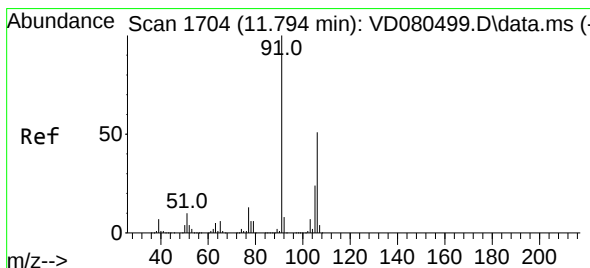
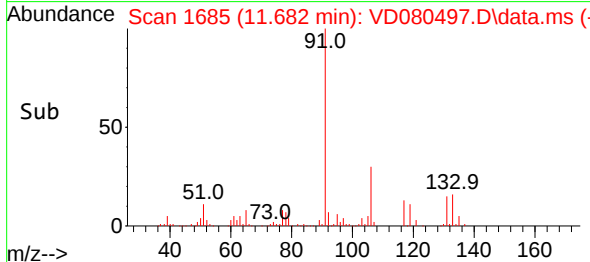
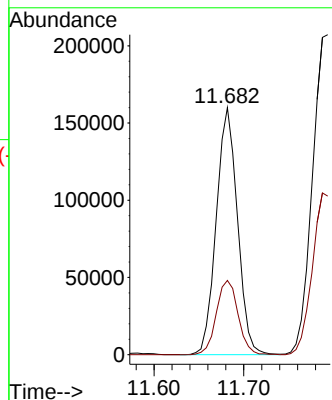
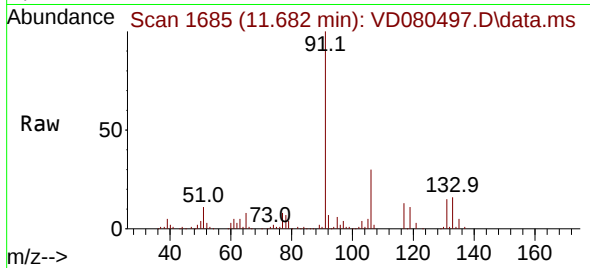




#67
Ethyl Benzene
Concen: 8.780 ug/l
RT: 11.682 min Scan# 11685
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

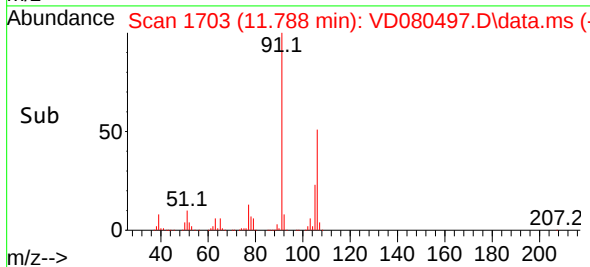
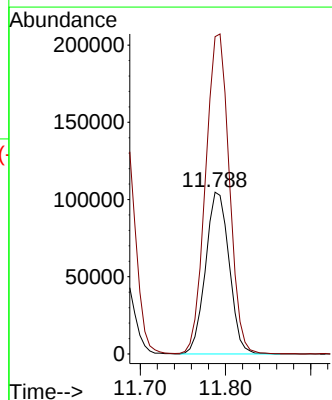
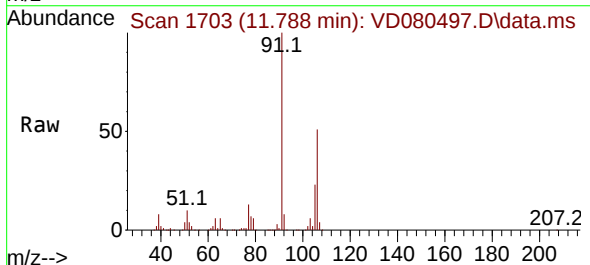
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

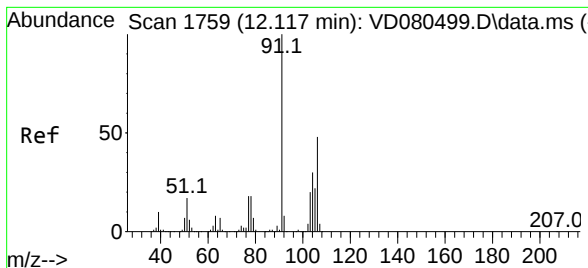
Tgt Ion: 91 Resp: 262555
Ion Ratio Lower Upper
91 100
106 30.0 25.4 38.0



#68
m/p-Xylenes
Concen: 17.536 ug/l
RT: 11.788 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion:106 Resp: 201922
Ion Ratio Lower Upper
106 100
91 199.0 158.5 237.7

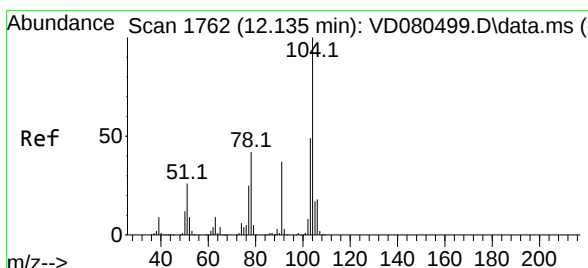
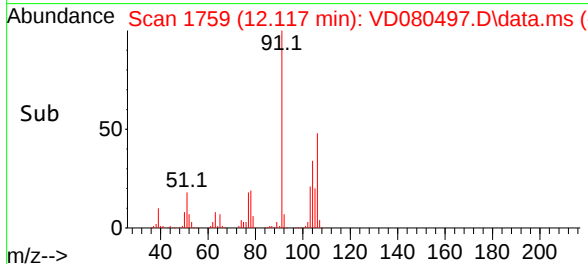
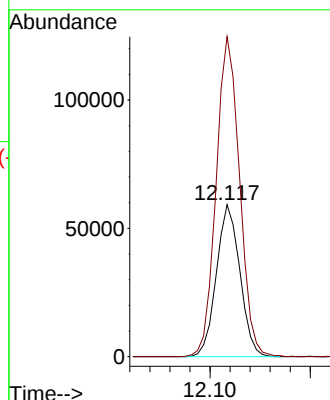
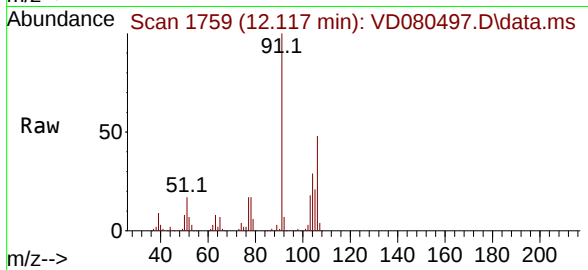




#69
o-Xylene
Concen: 8.758 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

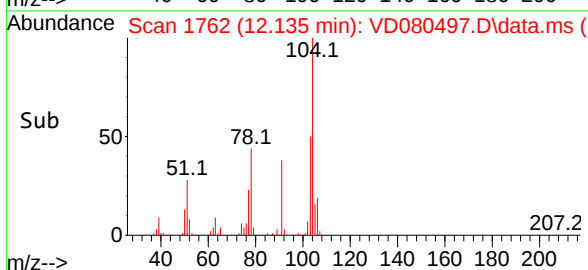
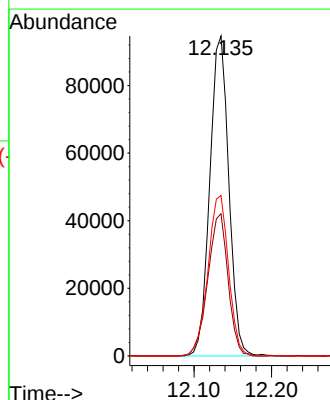
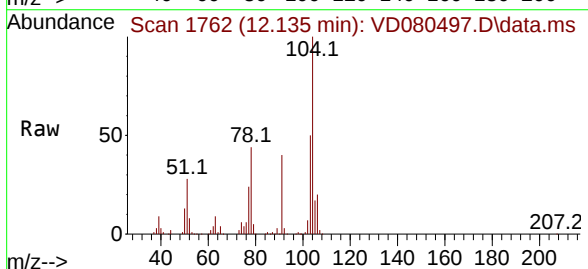
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

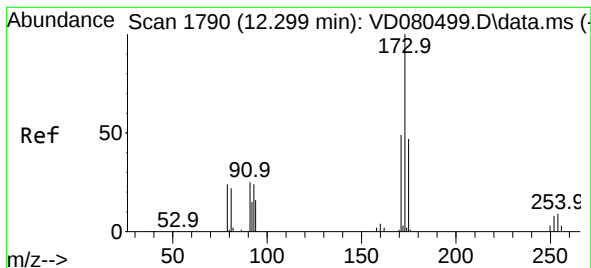
Tgt Ion:106 Resp: 96232
Ion Ratio Lower Upper
106 100
91 210.4 105.3 315.8



#70
Styrene
Concen: 8.622 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion:104 Resp: 161164
Ion Ratio Lower Upper
104 100
78 47.4 37.9 56.9
103 54.5 43.5 65.3





#71

Bromoform

Concen: 8.572 ug/l

RT: 12.299 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VD080497.D

Acq: 27 Aug 2025 09:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

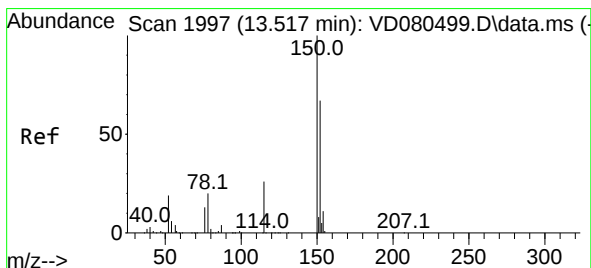
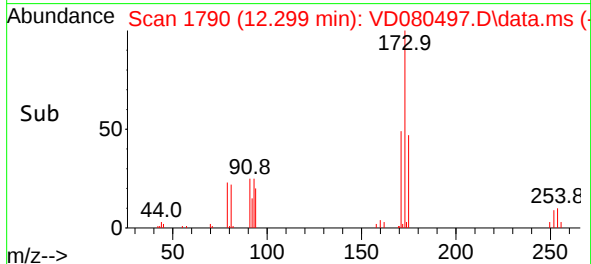
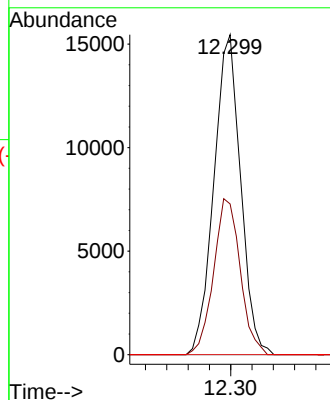
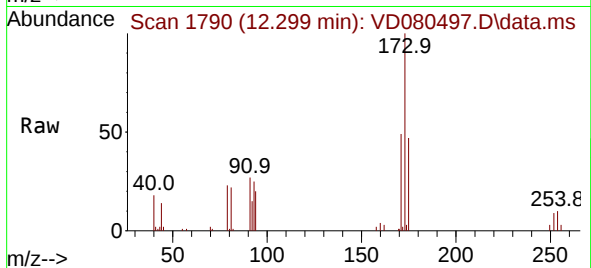
Tgt Ion:173 Resp: 26849

Ion Ratio Lower Upper

173 100

175 48.6 23.9 71.7

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.517 min Scan# 1997

Delta R.T. -0.000 min

Lab File: VD080497.D

Acq: 27 Aug 2025 09:40

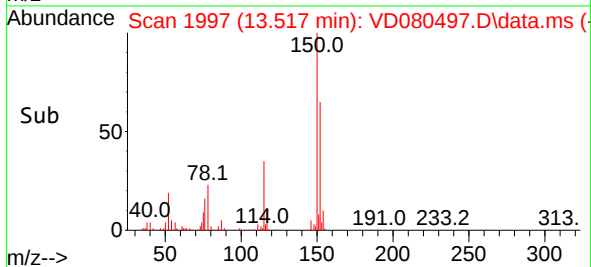
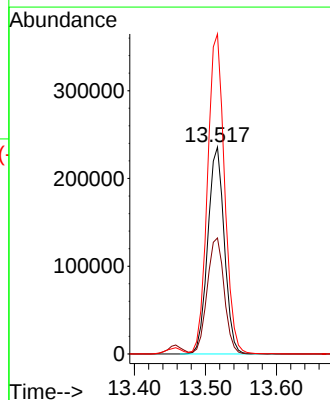
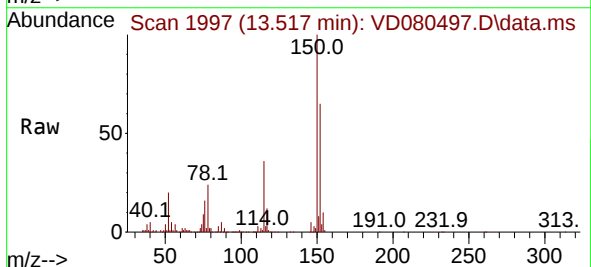
Tgt Ion:152 Resp: 380979

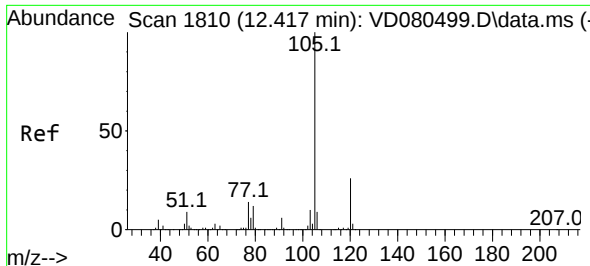
Ion Ratio Lower Upper

152 100

115 57.8 29.0 87.0

150 159.6 0.0 345.0

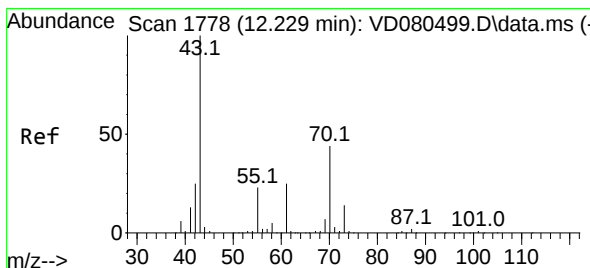
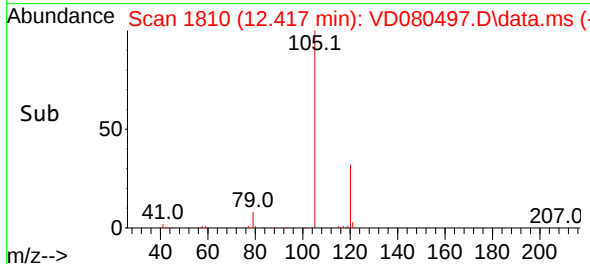
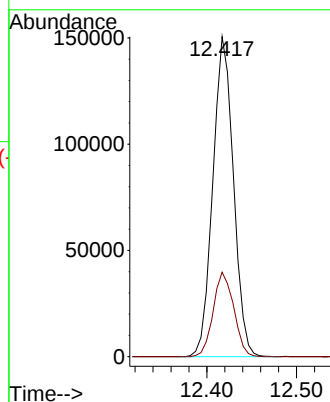
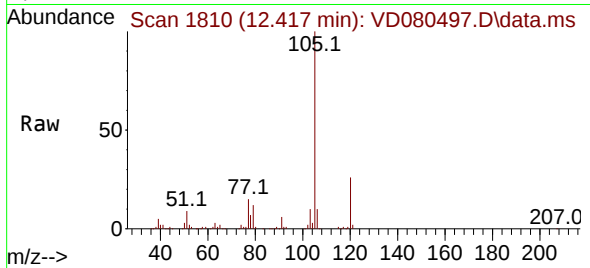




#73
Isopropylbenzene
Concen: 8.598 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

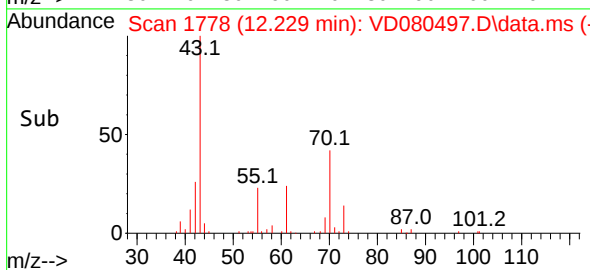
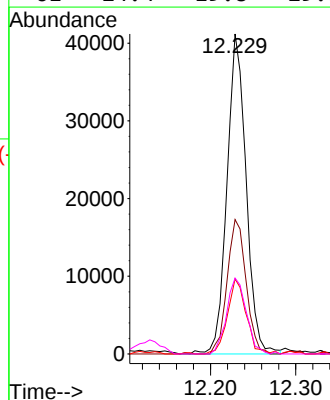
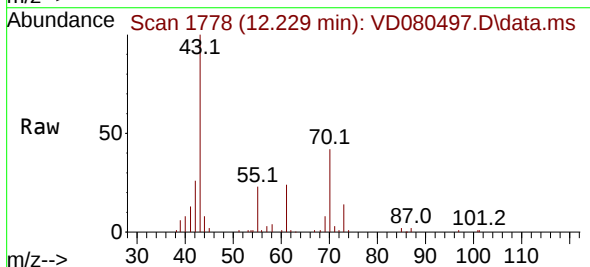
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

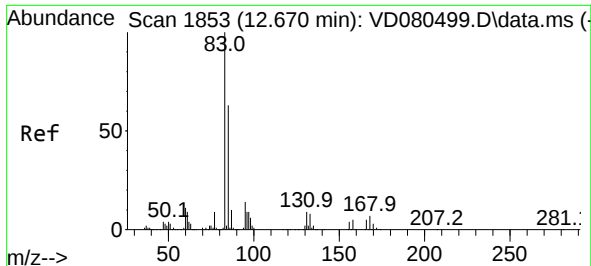
Tgt Ion:105 Resp: 240003
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.4



#74
N-ethyl acetate
Concen: 8.674 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion: 43 Resp: 64254
Ion Ratio Lower Upper
43 100
70 41.6 35.4 53.0
55 23.0 18.6 28.0
61 24.4 19.8 29.8

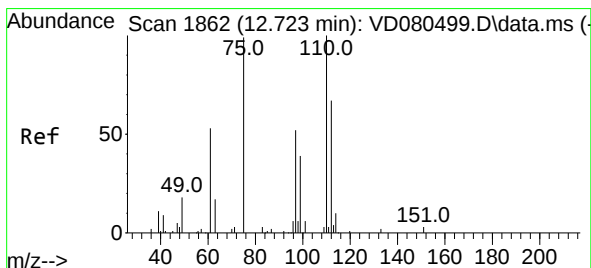
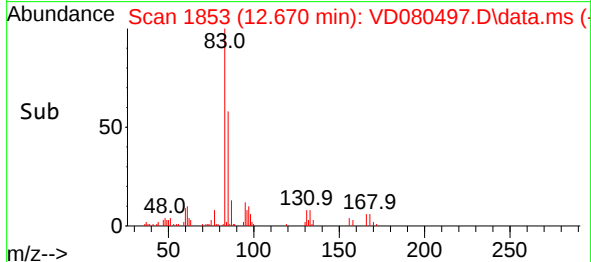
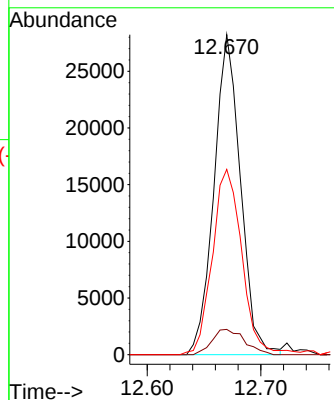
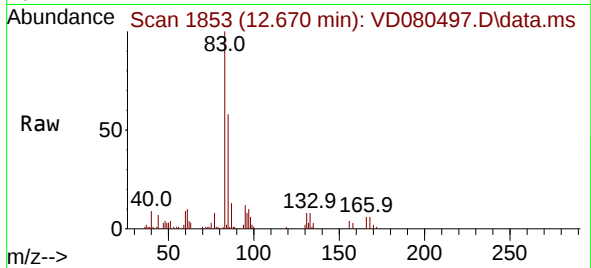




#75
1,1,2,2-Tetrachloroethane
Concen: 8.810 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

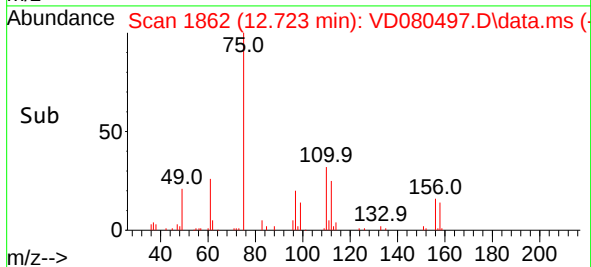
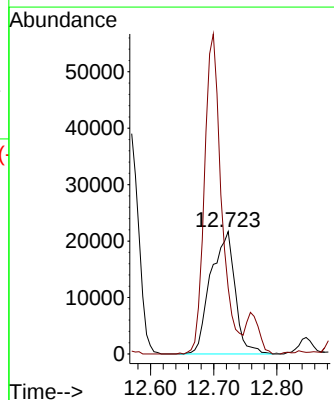
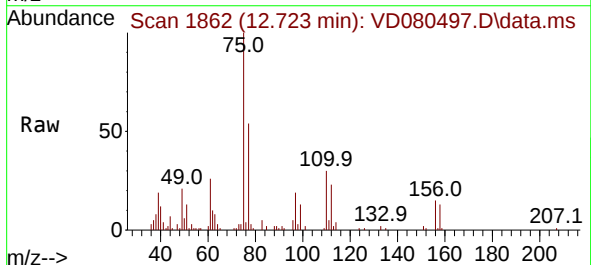
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

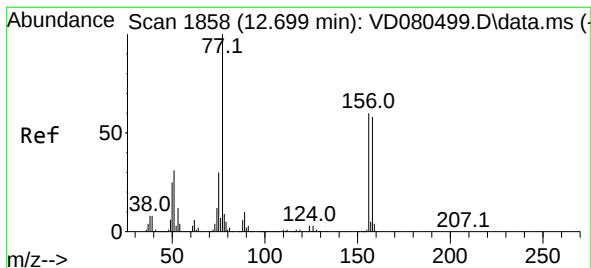
Tgt Ion: 83 Resp: 45718
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 64.7 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 18.759 ug/l
RT: 12.723 min Scan# 1862
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion: 75 Resp: 58331
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 8.538 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VD080497.D

Acq: 27 Aug 2025 09:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

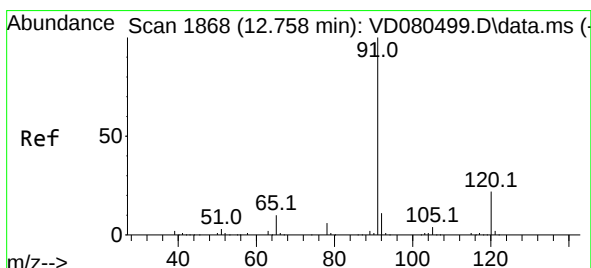
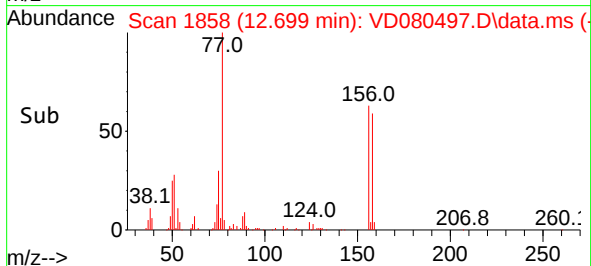
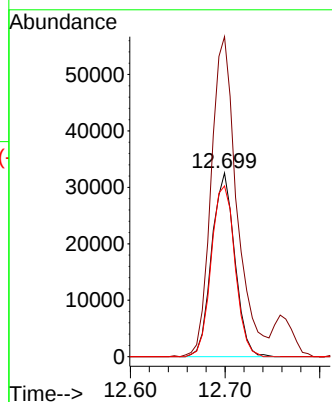
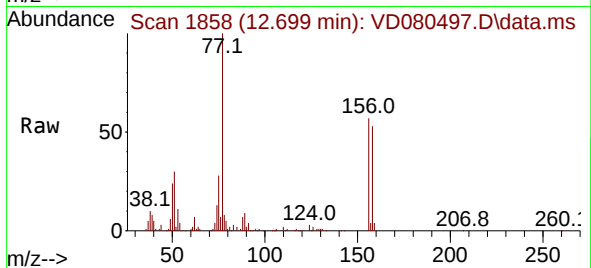
Tgt Ion:156 Resp: 55139

Ion Ratio Lower Upper

156 100

77 194.5 92.5 277.3

158 95.8 47.9 143.6



#78

n-propylbenzene

Concen: 8.696 ug/l

RT: 12.758 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD080497.D

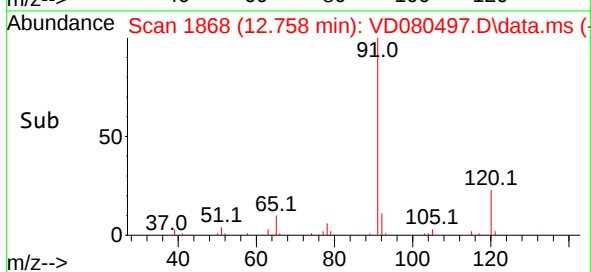
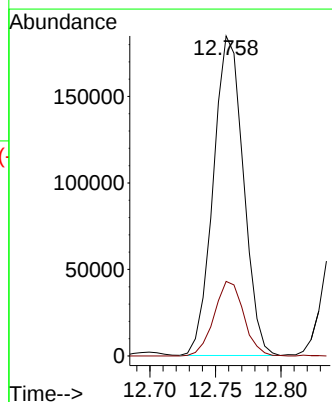
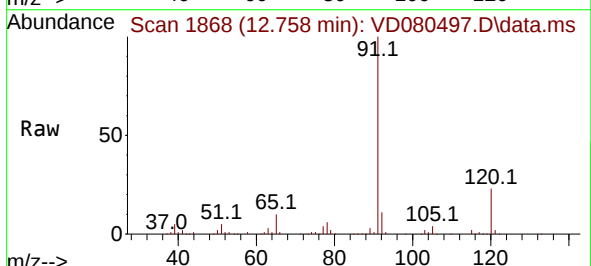
Acq: 27 Aug 2025 09:40

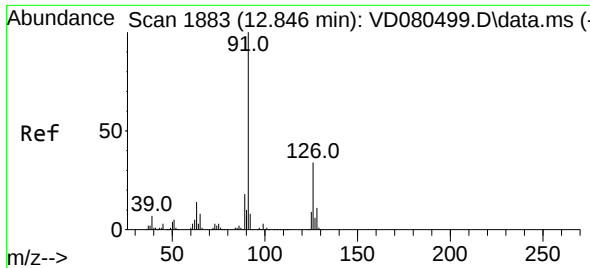
Tgt Ion: 91 Resp: 294759

Ion Ratio Lower Upper

91 100

120 22.9 11.3 33.9

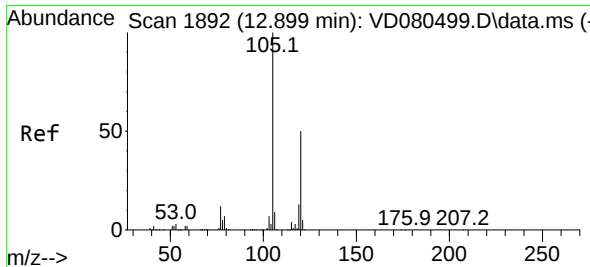
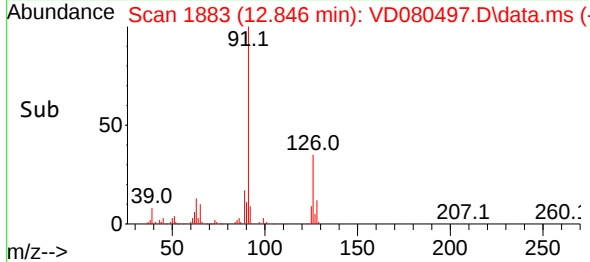
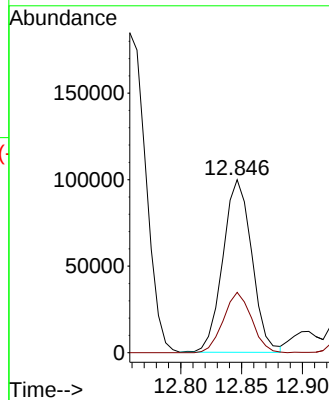
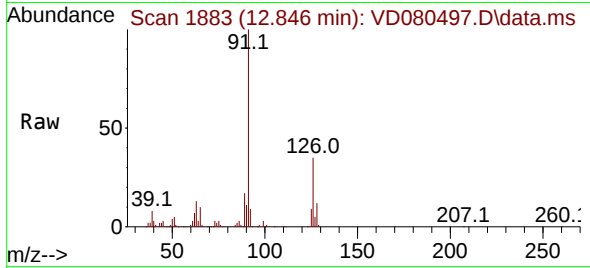




#79
2-Chlorotoluene
Concen: 8.582 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

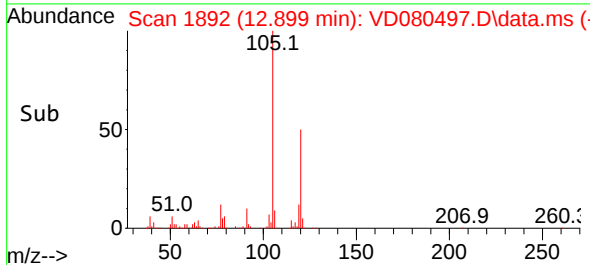
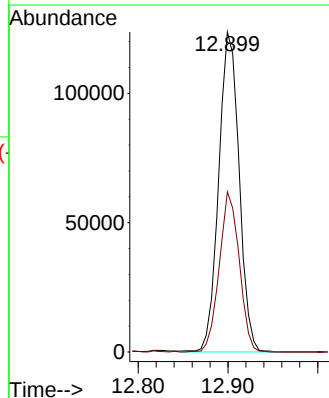
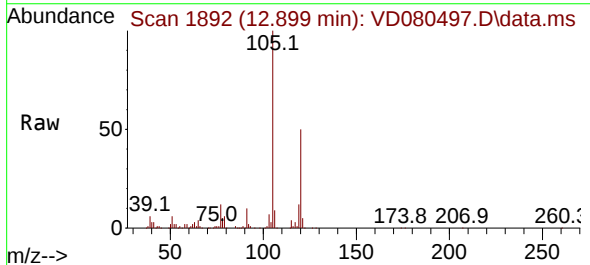
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

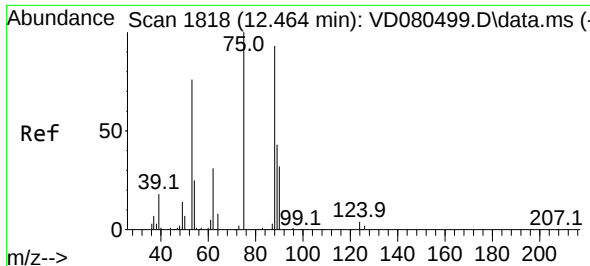
Tgt Ion: 91 Resp: 165751
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 8.624 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion: 105 Resp: 195612
Ion Ratio Lower Upper
105 100
120 48.8 24.7 74.1

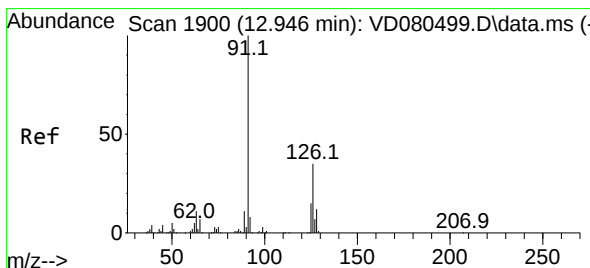
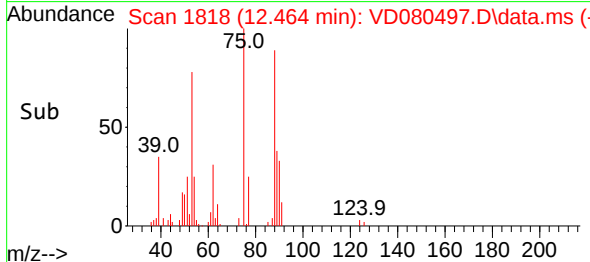
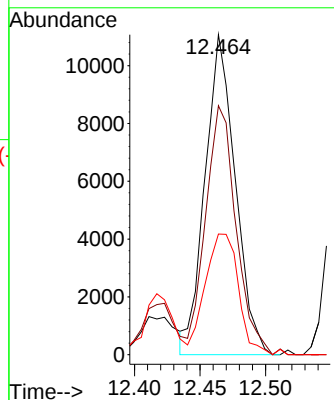
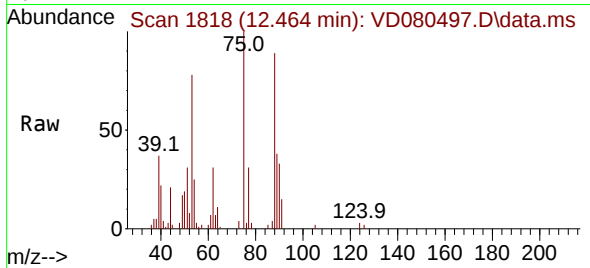




#81
trans-1,4-Dichloro-2-butene
Concen: 8.666 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

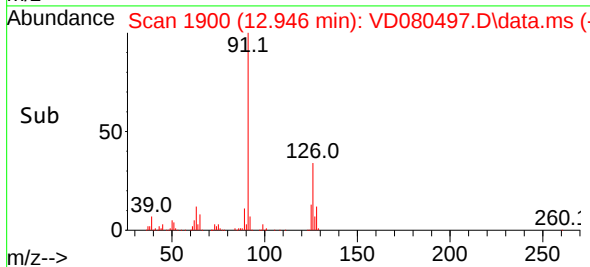
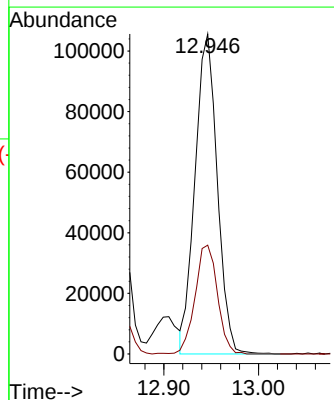
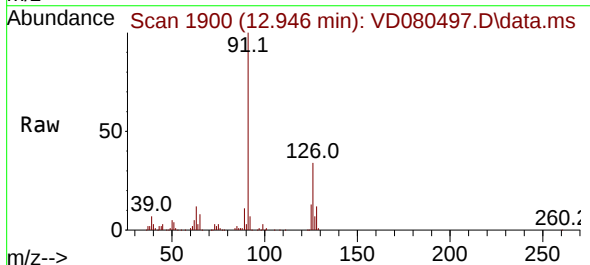
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

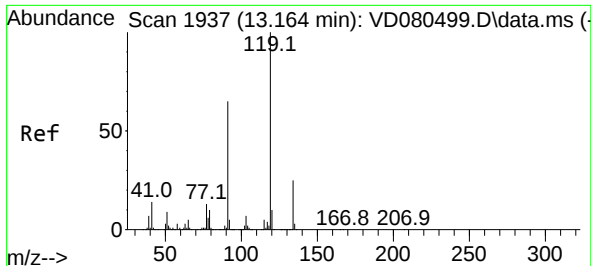
Tgt Ion: 75 Resp: 17754
Ion Ratio Lower Upper
75 100
53 78.3 61.9 92.9
89 41.5 34.6 52.0



#82
4-Chlorotoluene
Concen: 8.664 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion: 91 Resp: 172115
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.7

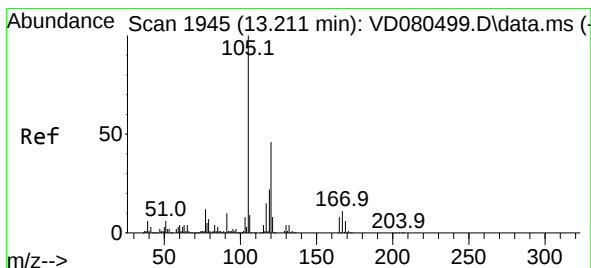
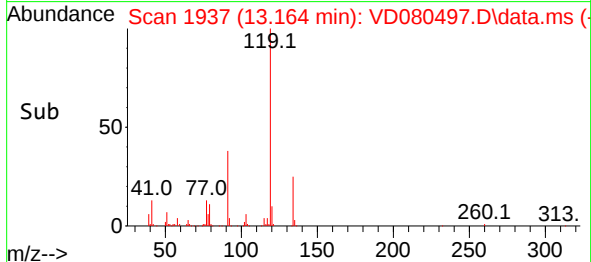
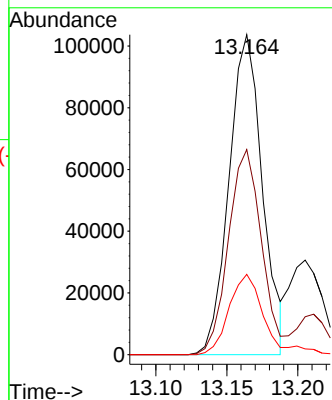
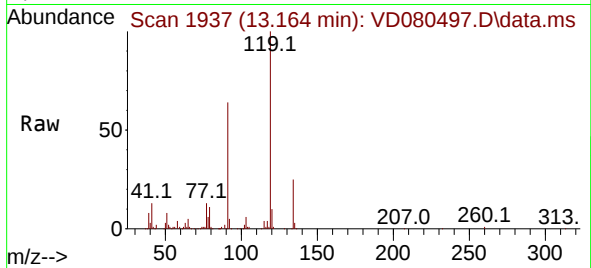




#83
tert-Butylbenzene
Concen: 8.615 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

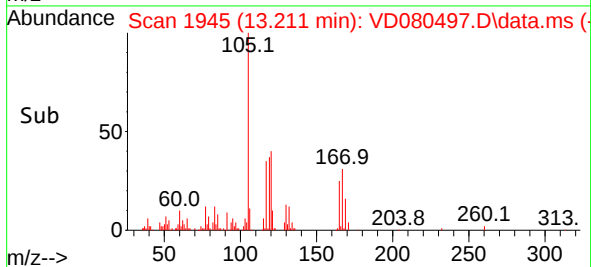
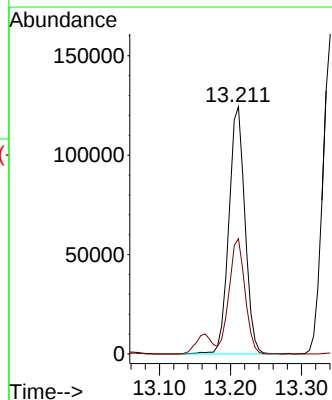
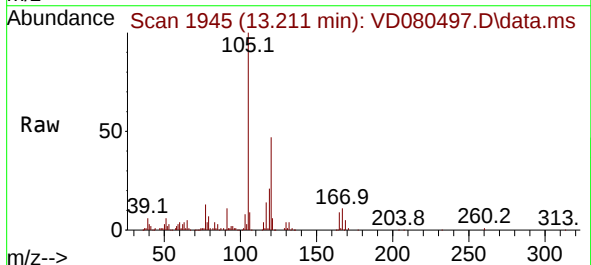
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

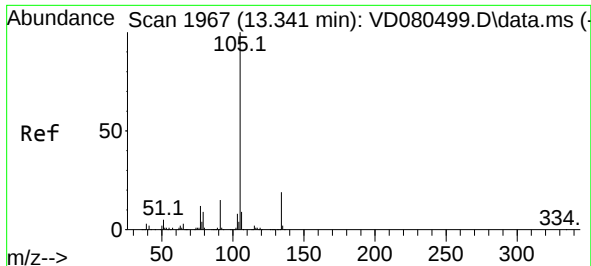
Tgt Ion:119 Resp: 169542
Ion Ratio Lower Upper
119 100
91 64.5 32.0 96.0
134 26.6 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 8.568 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion:105 Resp: 195668
Ion Ratio Lower Upper
105 100
120 46.1 22.5 67.5

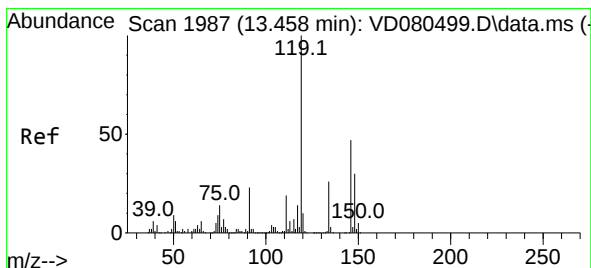
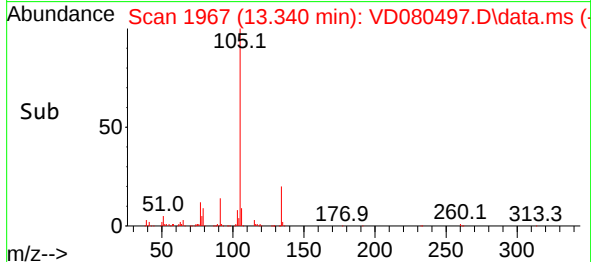
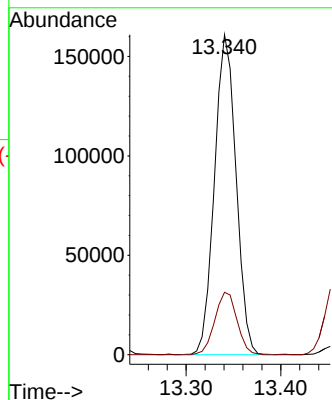
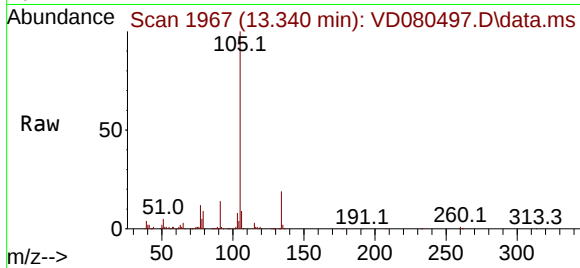




#85
 sec-Butylbenzene
 Concen: 8.670 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. -0.000 min
 Lab File: VD080497.D
 Acq: 27 Aug 2025 09:40

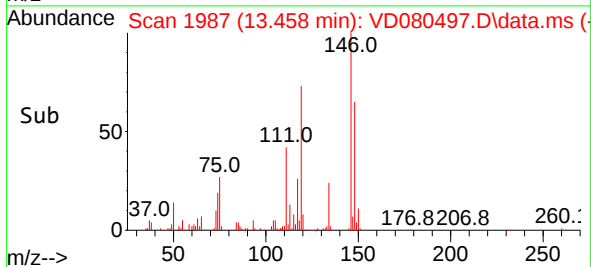
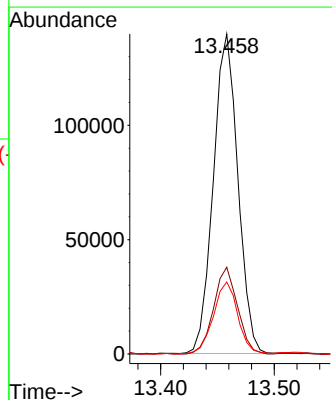
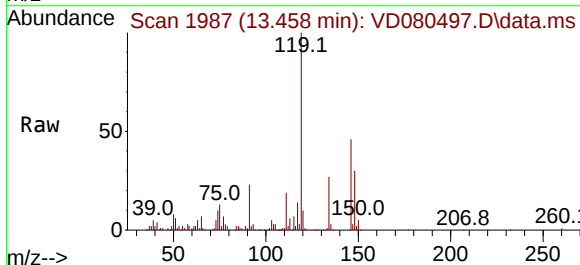
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

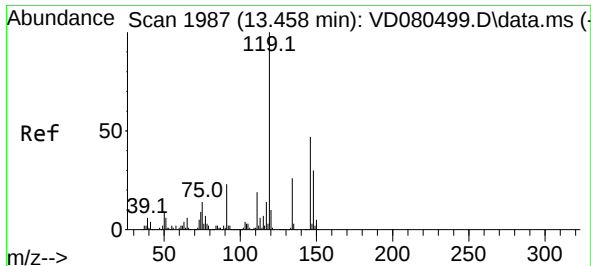
Tgt Ion:105 Resp: 254661
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 8.551 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080497.D
 Acq: 27 Aug 2025 09:40

Tgt Ion:119 Resp: 210099
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 22.4 11.2 33.5

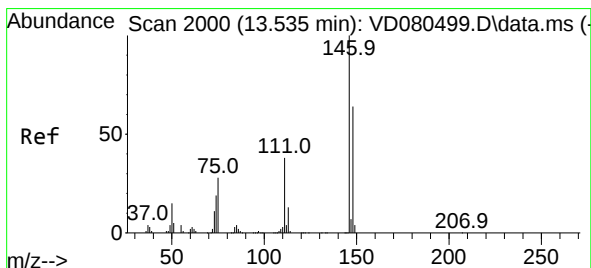
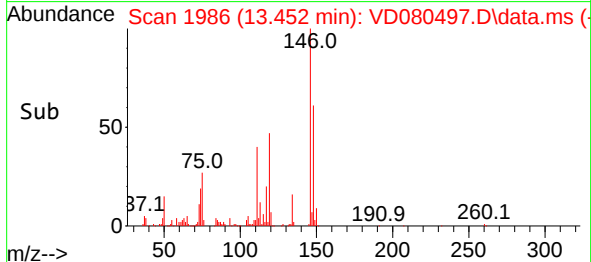
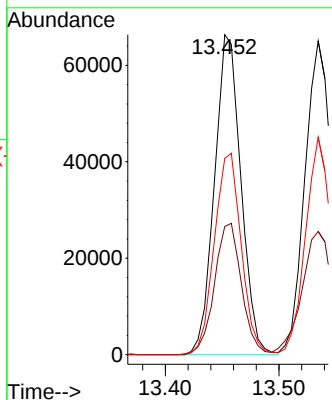
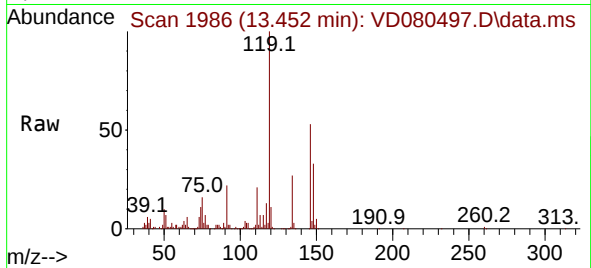




#87
1,3-Dichlorobenzene
Concen: 8.635 ug/l
RT: 13.452 min Scan# 1986
Delta R.T. -0.006 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

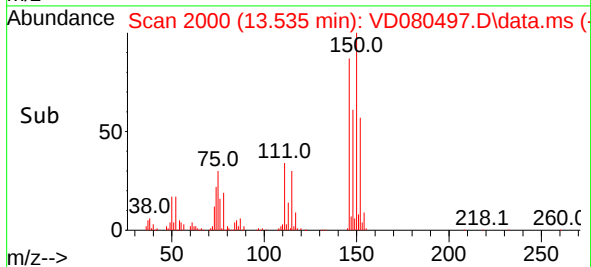
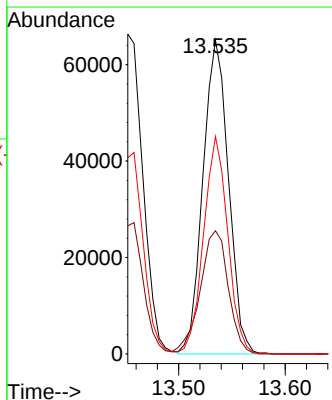
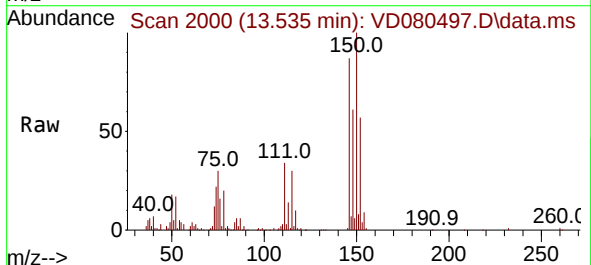
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

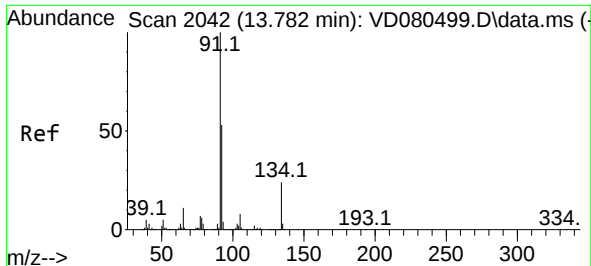
Tgt Ion:146 Resp: 107530
Ion Ratio Lower Upper
146 100
111 41.9 19.9 59.6
148 64.0 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 8.679 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion:146 Resp: 108518
Ion Ratio Lower Upper
146 100
111 43.3 19.4 58.1
148 65.8 32.1 96.5

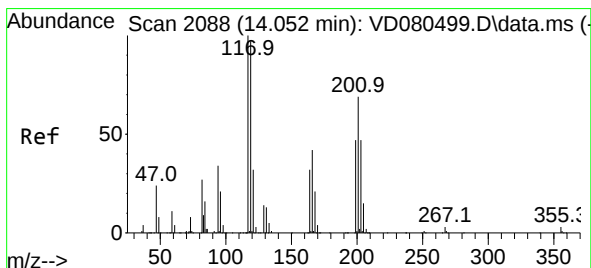
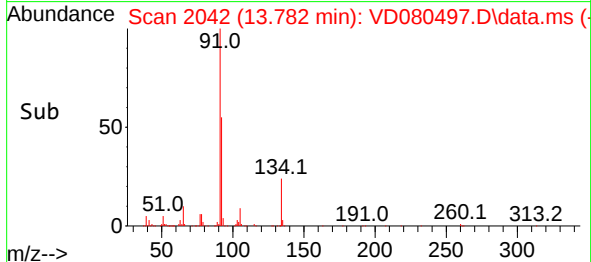
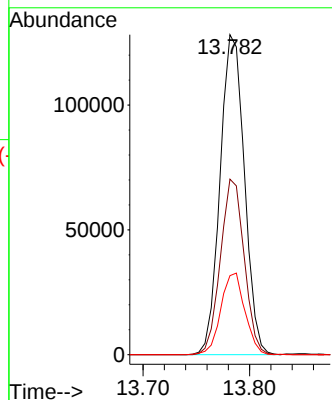
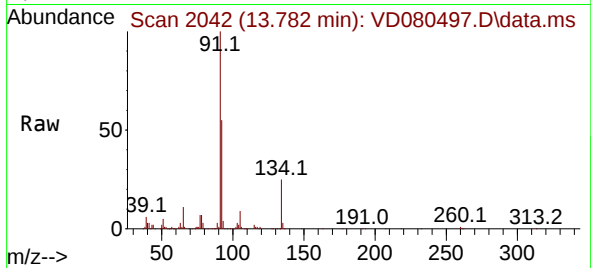




#89
n-Butylbenzene
Concen: 8.680 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

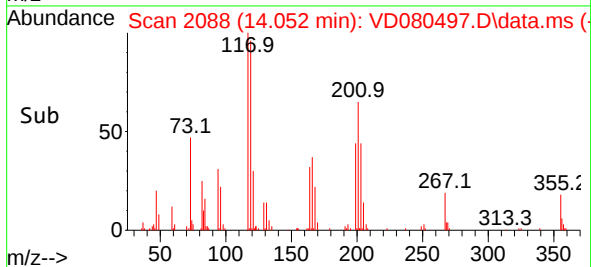
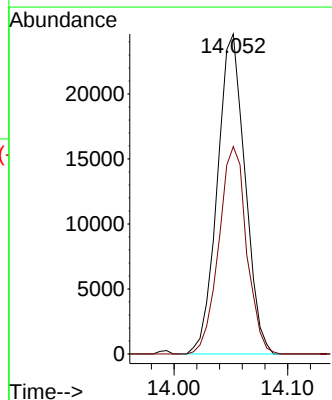
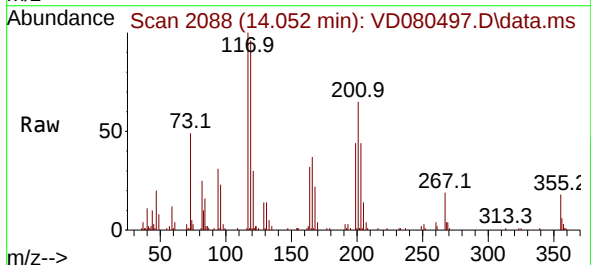
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

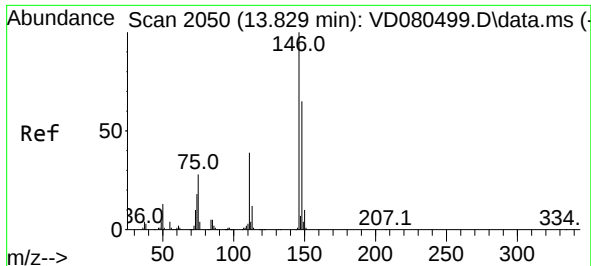
Tgt Ion: 91 Resp: 203164
Ion Ratio Lower Upper
91 100
92 53.7 26.6 79.8
134 25.3 12.4 37.2



#90
Hexachloroethane
Concen: 8.774 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VD080497.D
Acq: 27 Aug 2025 09:40

Tgt Ion: 117 Resp: 41697
Ion Ratio Lower Upper
117 100
201 64.9 34.6 103.8





#91

1,2-Dichlorobenzene

Concen: 8.744 ug/l

RT: 13.829 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VD080497.D

Acq: 27 Aug 2025 09:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

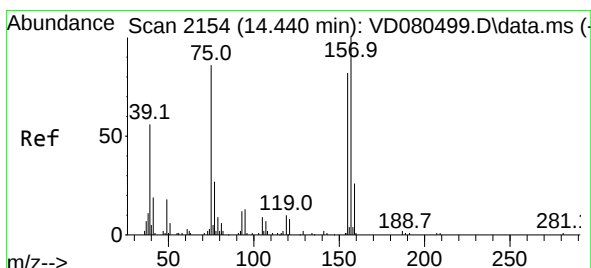
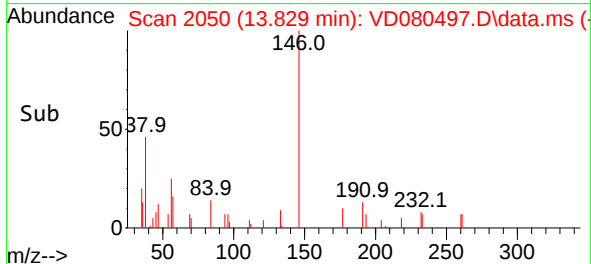
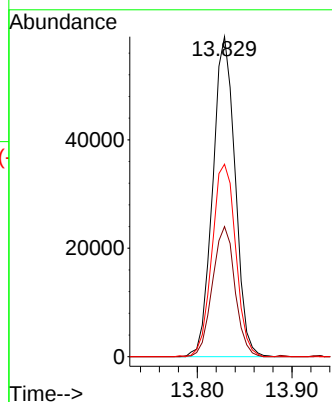
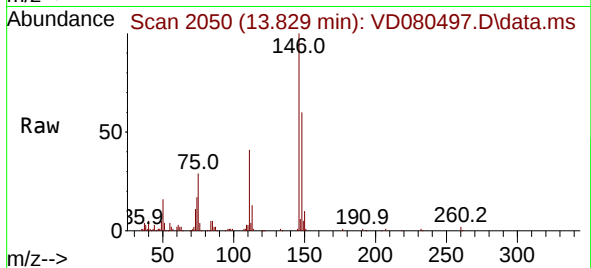
Tgt Ion:146 Resp: 96889

Ion Ratio Lower Upper

146 100

111 41.0 20.7 62.1

148 63.7 31.5 94.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 8.756 ug/l

RT: 14.446 min Scan# 2155

Delta R.T. 0.006 min

Lab File: VD080497.D

Acq: 27 Aug 2025 09:40

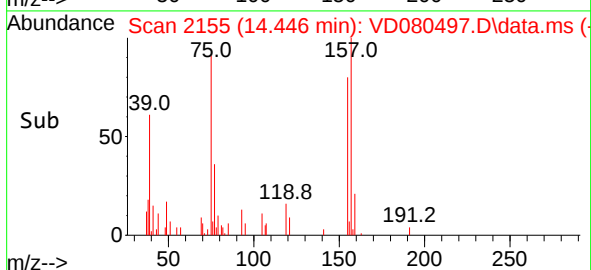
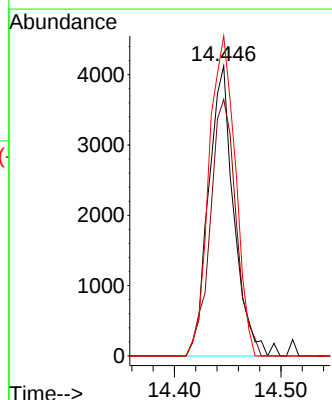
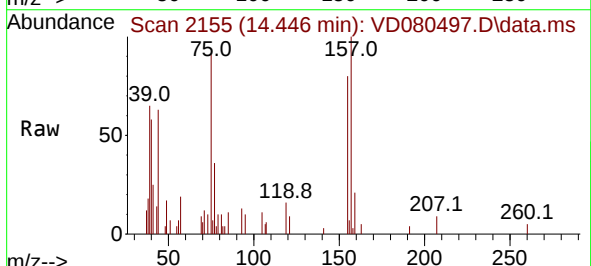
Tgt Ion: 75 Resp: 6819

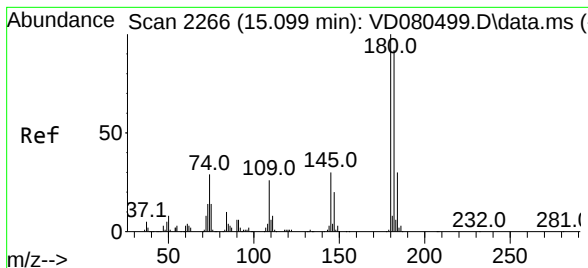
Ion Ratio Lower Upper

75 100

155 90.1 47.5 142.6

157 114.4 56.8 170.3





#93

1,2,4-Trichlorobenzene

Concen: 8.495 ug/l

RT: 15.093 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD080497.D

Acq: 27 Aug 2025 09:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

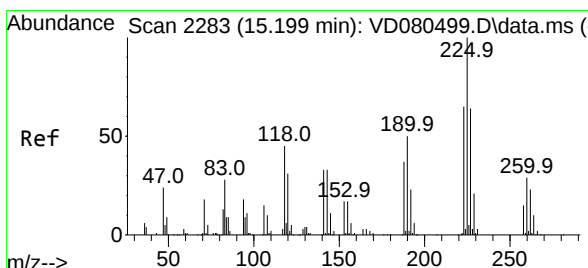
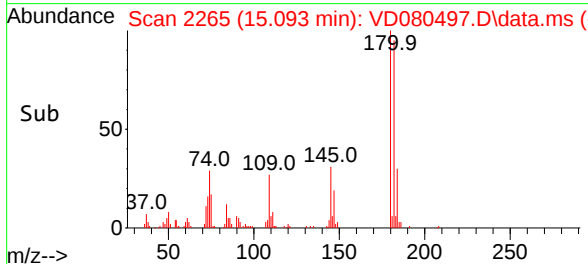
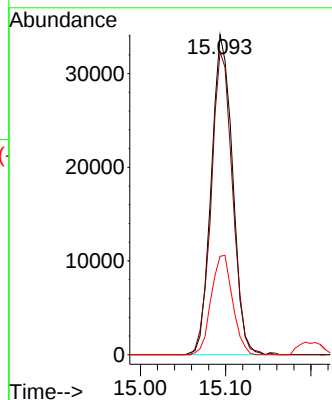
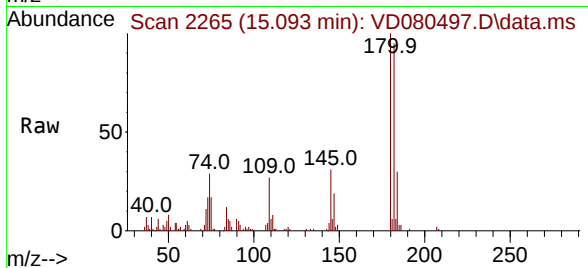
Tgt Ion:180 Resp: 58978

Ion Ratio Lower Upper

180 100

182 94.5 47.5 142.5

145 31.3 15.7 47.0



#94

Hexachlorobutadiene

Concen: 8.611 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. -0.000 min

Lab File: VD080497.D

Acq: 27 Aug 2025 09:40

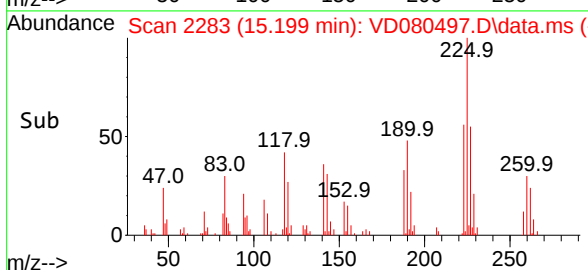
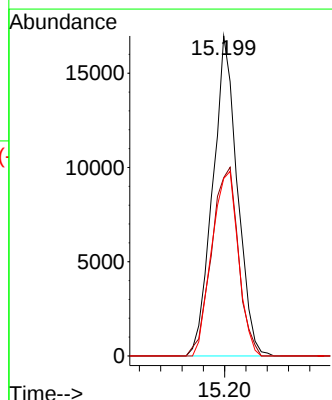
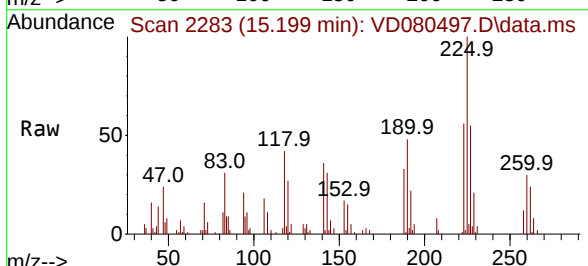
Tgt Ion:225 Resp: 27174

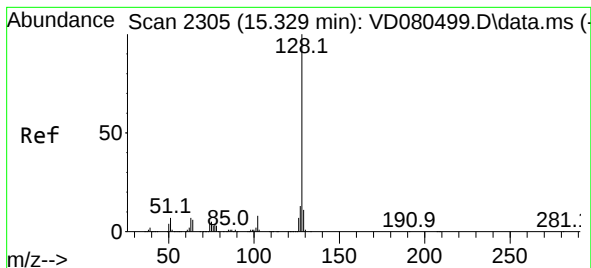
Ion Ratio Lower Upper

225 100

223 64.2 31.9 95.7

227 62.2 32.0 96.2





#95

Naphthalene

Concen: 8.571 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. -0.000 min

Lab File: VD080497.D

Acq: 27 Aug 2025 09:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

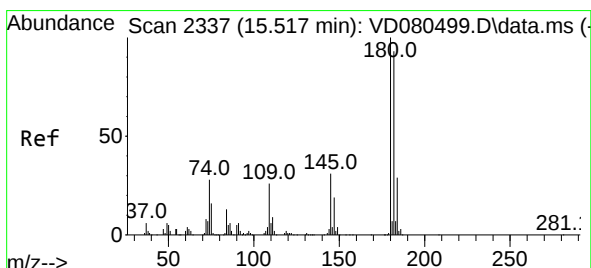
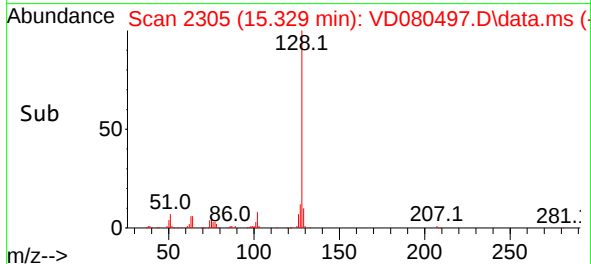
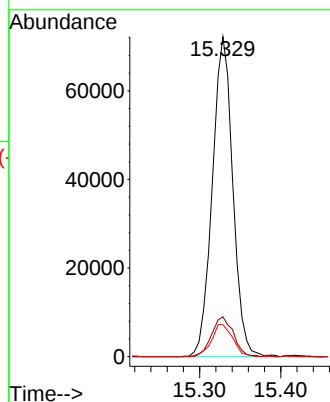
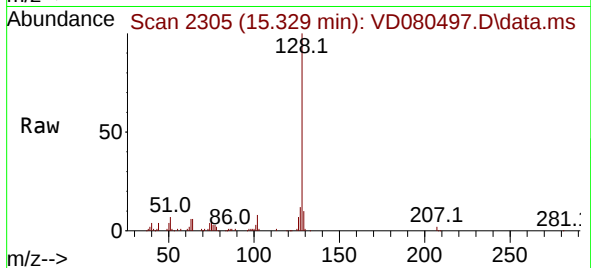
Tgt Ion:128 Resp: 126590

Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 10.0 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 8.287 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD080497.D

Acq: 27 Aug 2025 09:40

Tgt Ion:180 Resp: 49254

Ion Ratio Lower Upper

180 100

182 98.4 47.5 142.5

145 32.9 16.2 48.5

