

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082725\
 Data File : VD080500.D
 Acq On : 27 Aug 2025 11:56
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 28 02:50:31 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	428764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	776153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.576	117	684581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	317127	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	428057	88.490	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 176.980%#	
35) Dibromofluoromethane	7.806	113	449270	97.237	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 194.480%#	
50) Toluene-d8	10.270	98	1774580	96.516	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 193.040%#	
62) 4-Bromofluorobenzene	12.570	95	553954	96.522	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 193.040%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	301440	82.575	ug/l	99
3) Chloromethane	2.147	50	498554	86.517	ug/l	100
4) Vinyl Chloride	2.288	62	537684	90.410	ug/l	100
5) Bromomethane	2.688	94	294955	88.251	ug/l	99
6) Chloroethane	2.835	64	350503	90.292	ug/l	97
7) Trichlorofluoromethane	3.176	101	631447	91.164	ug/l	96
8) Diethyl Ether	3.594	74	256660	93.509	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.965	101	405898	90.312	ug/l	98
10) Methyl Iodide	4.165	142	535144	103.139	ug/l	99
11) Tert butyl alcohol	5.053	59	159103	454.496	ug/l	99
12) 1,1-Dichloroethene	3.941	96	436729	93.275	ug/l	99
13) Acrolein	3.794	56	172705	464.195	ug/l	100
14) Allyl chloride	4.559	41	774655	95.338	ug/l	99
15) Acrylonitrile	5.253	53	592423	484.664	ug/l	100
16) Acetone	4.018	43	547024	483.032	ug/l	96
17) Carbon Disulfide	4.270	76	1449269	91.535	ug/l	100
18) Methyl Acetate	4.565	43	310468	97.417	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	1177305	95.816	ug/l	97
20) Methylene Chloride	4.806	84	544836	87.580	ug/l	99
21) trans-1,2-Dichloroethene	5.312	96	501104	93.486	ug/l	98
22) Diisopropyl ether	6.217	45	1594162	95.323	ug/l	99
23) Vinyl Acetate	6.153	43	4564974	479.678	ug/l	99
24) 1,1-Dichloroethane	6.112	63	910940	94.097	ug/l	99
25) 2-Butanone	7.076	43	776977	484.532	ug/l	99
26) 2,2-Dichloropropane	7.076	77	721773	94.165	ug/l	100
27) cis-1,2-Dichloroethene	7.076	96	606581	94.820	ug/l	99
28) Bromochloromethane	7.429	49	376739	95.494	ug/l	99
29) Tetrahydrofuran	7.441	42	487170	480.767	ug/l	100
30) Chloroform	7.594	83	878518	94.908	ug/l	98
31) Cyclohexane	7.876	56	799164	88.194	ug/l	96
32) 1,1,1-Trichloroethane	7.794	97	725007	94.065	ug/l	100
36) 1,1-Dichloropropene	8.006	75	640385	94.154	ug/l	98
37) Ethyl Acetate	7.170	43	321941	98.433	ug/l	99
38) Carbon Tetrachloride	7.994	117	617244	95.351	ug/l	96
39) Methylcyclohexane	9.270	83	839859	92.770	ug/l	98
40) Benzene	8.253	78	2069155	95.590	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	198233	102.087	ug/l	94
42) 1,2-Dichloroethane	8.323	62	502158	95.775	ug/l	100
43) Isopropyl Acetate	8.358	43	644515	96.854	ug/l	100
44) Trichloroethene	9.029	130	502307	95.650	ug/l	99
45) 1,2-Dichloropropane	9.305	63	516050	96.129	ug/l	99
46) Dibromomethane	9.394	93	281825	97.990	ug/l	99
47) Bromodichloromethane	9.582	83	691040	98.559	ug/l	98
48) Methyl methacrylate	9.382	41	320168	97.053	ug/l	97
49) 1,4-Dioxane	9.388	88	69544	1955.895	ug/l	98
51) 4-Methyl-2-Pentanone	10.158	43	1625737	489.867	ug/l	100
52) Toluene	10.335	92	1294517	95.895	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	704715	98.623	ug/l	98
54) cis-1,3-Dichloropropene	10.017	75	832266	97.395	ug/l	99
55) 1,1,2-Trichloroethane	10.729	97	373432	96.842	ug/l	97
56) Ethyl methacrylate	10.594	69	527620	98.206	ug/l	99
57) 1,3-Dichloropropane	10.876	76	658609	97.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	1086905	522.784	ug/l	100
59) 2-Hexanone	10.917	43	1159709	491.811	ug/l	99
60) Dibromochloromethane	11.070	129	473639	97.464	ug/l	99
61) 1,2-Dibromoethane	11.176	107	360476	98.246	ug/l	100
64) Tetrachloroethene	10.805	164	400378	94.703	ug/l	99
65) Chlorobenzene	11.605	112	1395954	95.691	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.682	131	451772	97.091	ug/l	99
67) Ethyl Benzene	11.682	91	2428013	96.160	ug/l	99
68) m/p-Xylenes	11.788	106	1863385	191.662	ug/l	100
69) o-Xylene	12.117	106	898452	96.840	ug/l	99
70) Styrene	12.135	104	1534637	97.232	ug/l	99
71) Bromoform	12.294	173	258425	97.722	ug/l #	100
73) Isopropylbenzene	12.417	105	2211512	95.181	ug/l	100
74) N-amyl acetate	12.229	43	594795	96.466	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.670	83	421201	97.504	ug/l	100
76) 1,2,3-Trichloropropane	12.723	75	543655	210.044	ug/l #	100
77) Bromobenzene	12.699	156	517427	96.249	ug/l	97
78) n-propylbenzene	12.758	91	2664856	94.453	ug/l	100
79) 2-Chlorotoluene	12.846	91	1532462	95.320	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	1781159	94.339	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.464	75	167218	98.058	ug/l	99
82) 4-Chlorotoluene	12.946	91	1569701	94.922	ug/l	99
83) tert-Butylbenzene	13.164	119	1564885	95.530	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	1816517	95.553	ug/l	99
85) sec-Butylbenzene	13.341	105	2291255	93.717	ug/l	99
86) p-Isopropyltoluene	13.458	119	1935781	94.653	ug/l	100
87) 1,3-Dichlorobenzene	13.452	146	993501	95.849	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	990525	95.168	ug/l	99
89) n-Butylbenzene	13.782	91	1837044	94.294	ug/l	99
90) Hexachloroethane	14.052	117	377444	95.415	ug/l	100
91) 1,2-Dichlorobenzene	13.829	146	884546	95.896	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.441	75	62613	96.585	ug/l	97
93) 1,2,4-Trichlorobenzene	15.093	180	555639	96.147	ug/l	100
94) Hexachlorobutadiene	15.199	225	248714	94.688	ug/l	98
95) Naphthalene	15.329	128	1200842	97.681	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	482227	97.475	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Aug 28 02:42:08 2025
Response via : Initial Calibration

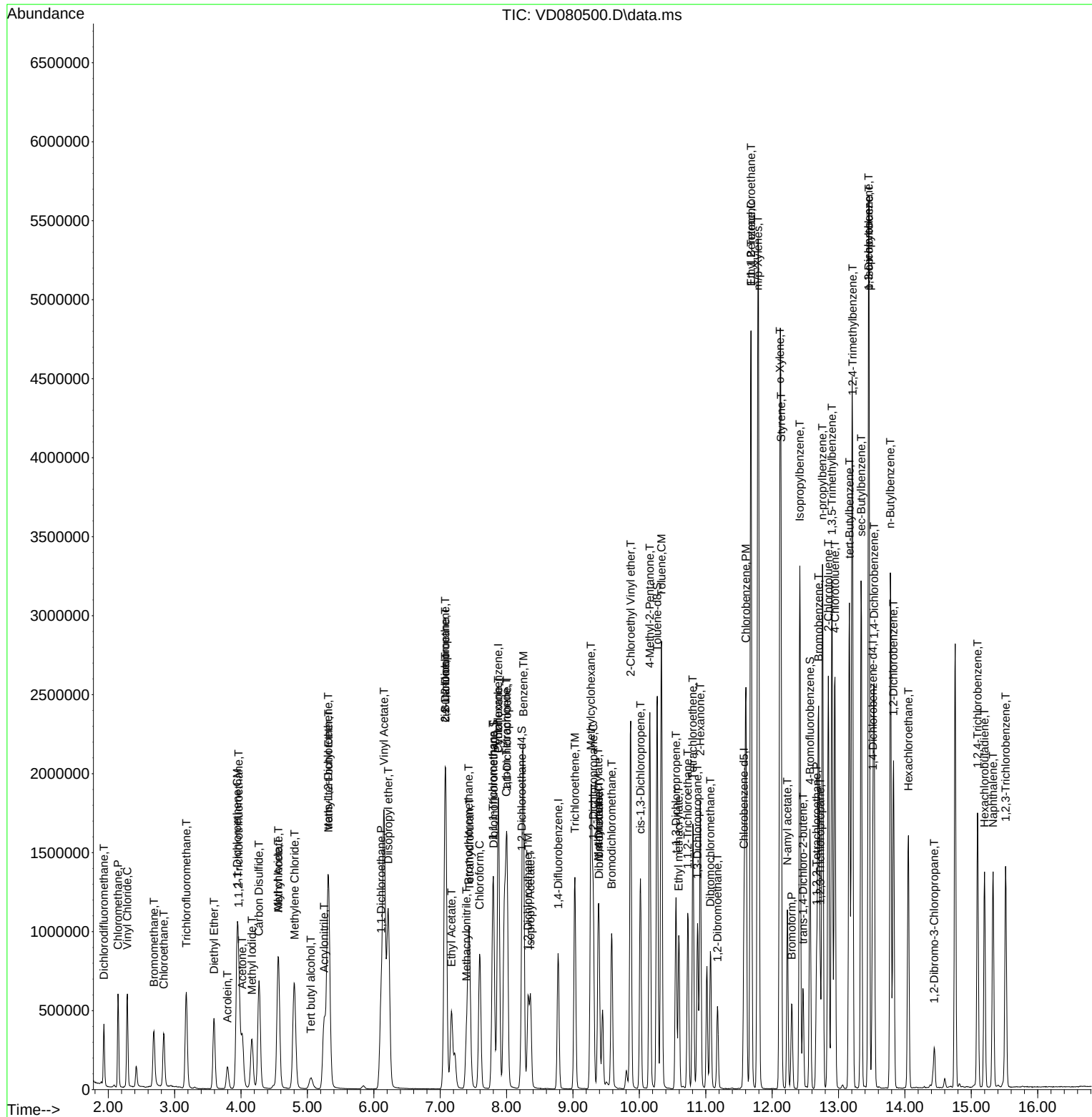
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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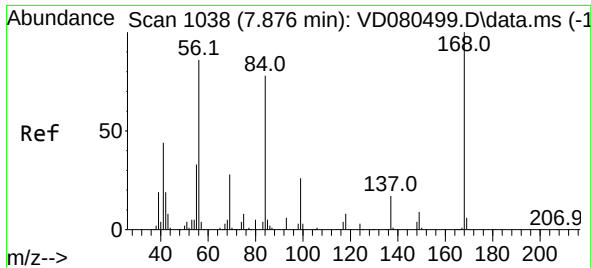
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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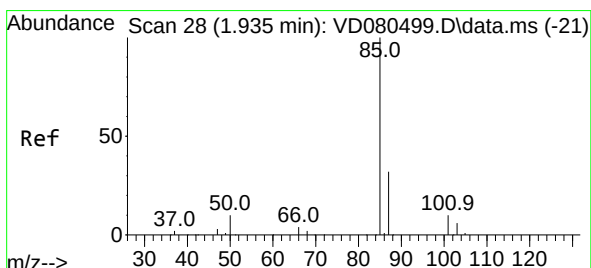
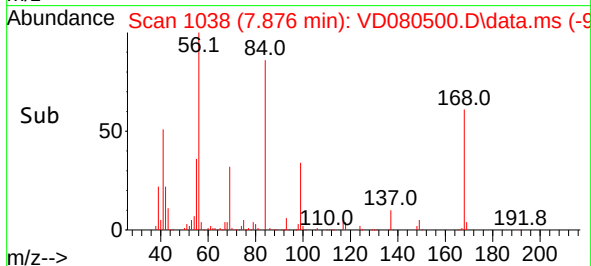
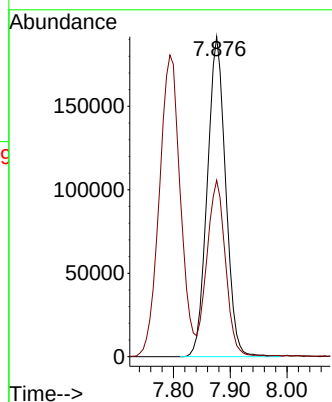
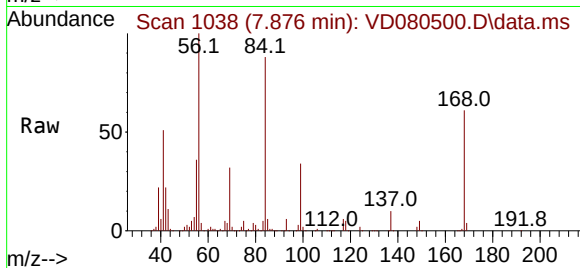




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

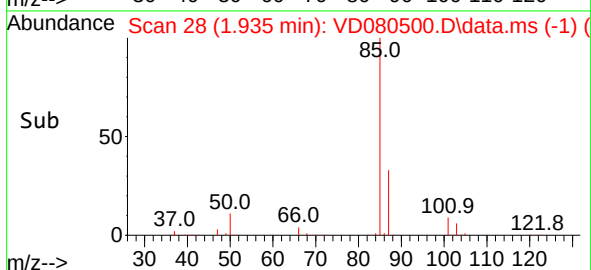
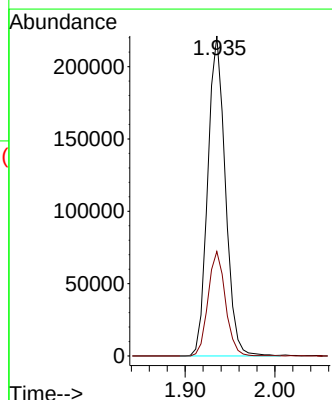
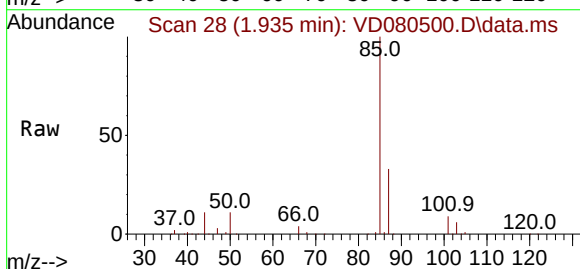
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

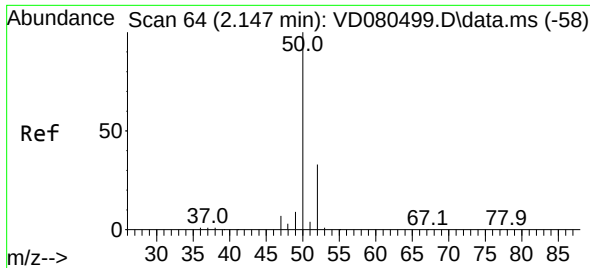
Tgt Ion:168 Resp: 428764
Ion Ratio Lower Upper
168 100
99 54.8 44.1 66.1



#2
Dichlorodifluoromethane
Concen: 82.575 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion: 85 Resp: 301440
Ion Ratio Lower Upper
85 100
87 32.6 16.2 48.5

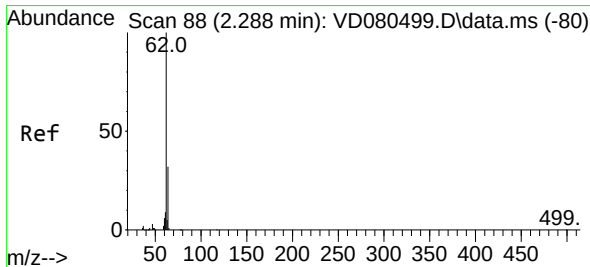
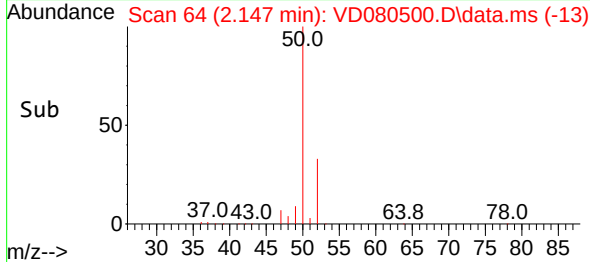
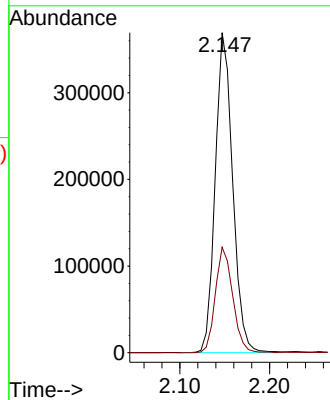
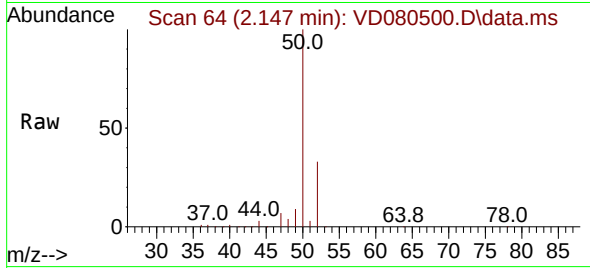




#3
Chloromethane
Concen: 86.517 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

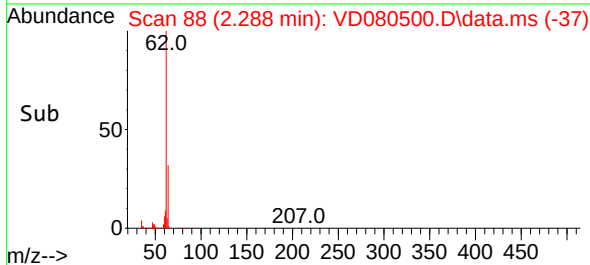
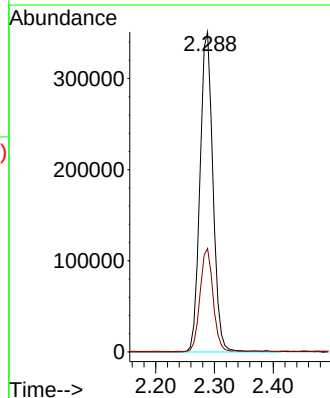
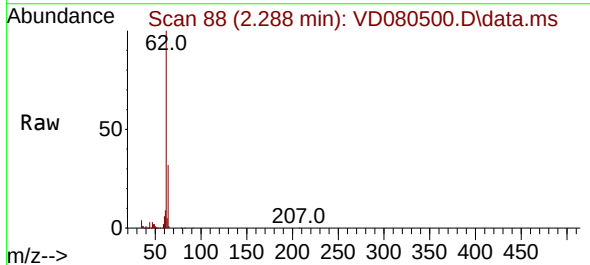
Instrument :
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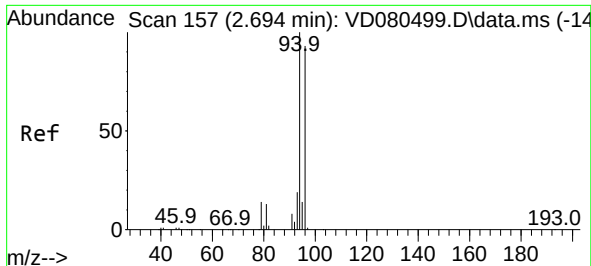
Tgt Ion: 50 Resp: 498554
Ion Ratio Lower Upper
50 100
52 32.9 26.2 39.4



#4
Vinyl Chloride
Concen: 90.410 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion: 62 Resp: 537684
Ion Ratio Lower Upper
62 100
64 32.1 25.6 38.4

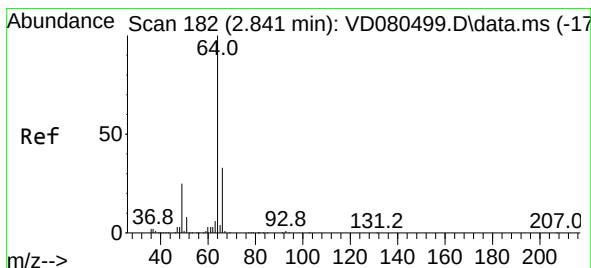
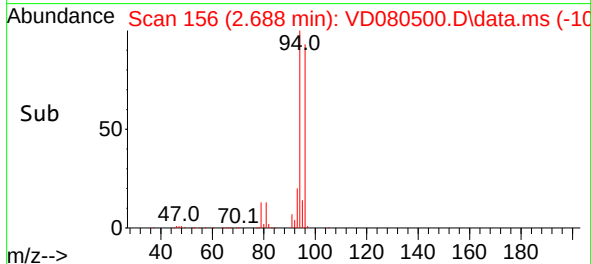
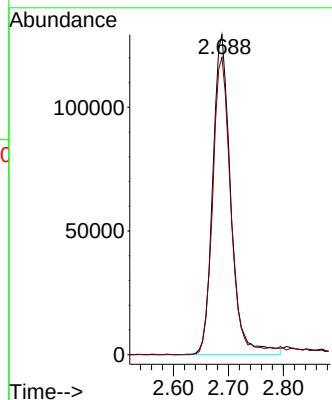
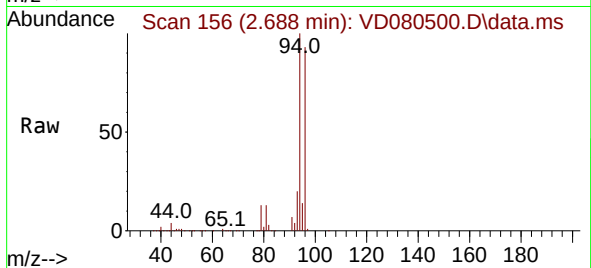




#5
Bromomethane
Concen: 88.251 ug/l
RT: 2.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

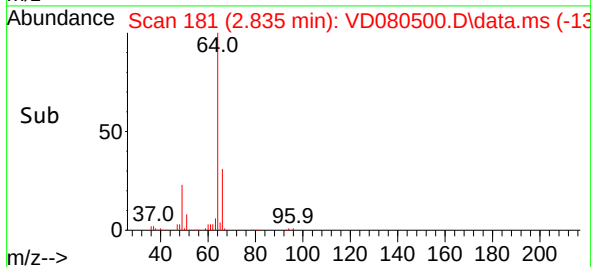
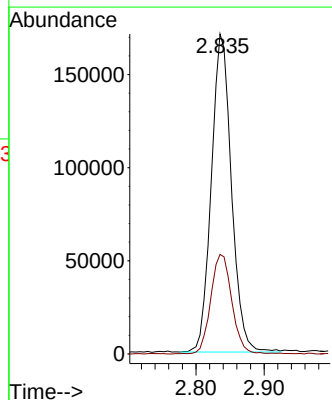
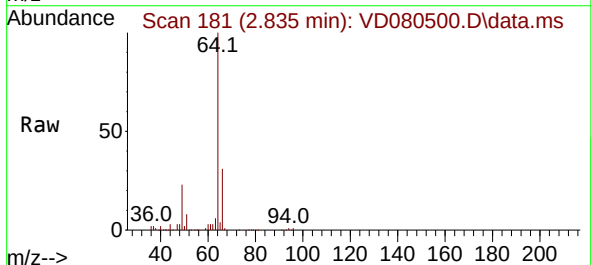
Instrument :
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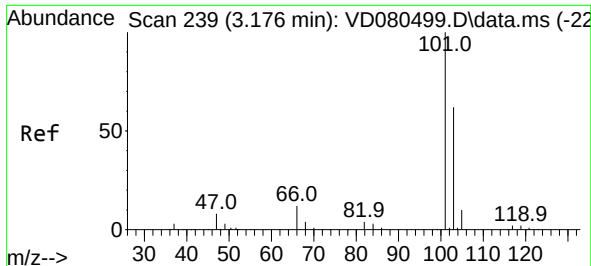
Tgt Ion: 94 Resp: 294955
Ion Ratio Lower Upper
94 100
96 92.6 74.6 111.8



#6
Chloroethane
Concen: 90.292 ug/l
RT: 2.835 min Scan# 181
Delta R.T. -0.006 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion: 64 Resp: 350503
Ion Ratio Lower Upper
64 100
66 31.2 26.5 39.7

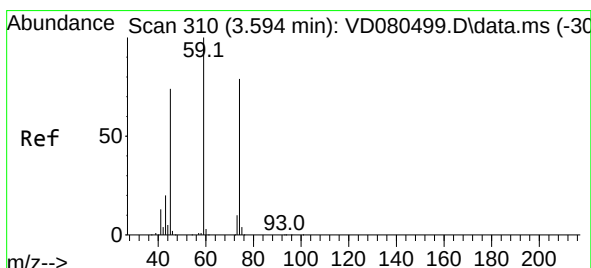
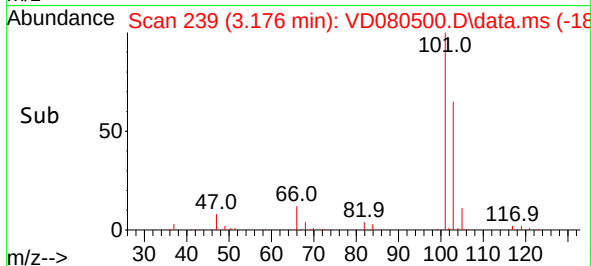
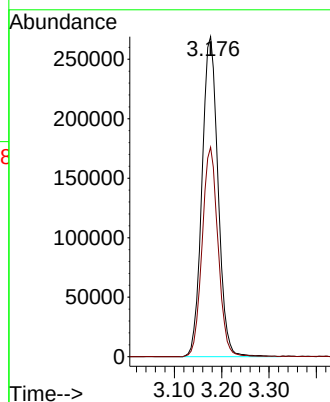
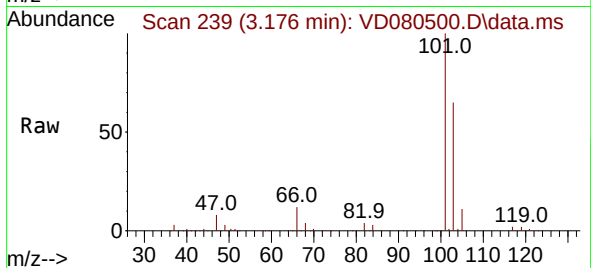




#7
 Trichlorofluoromethane
 Concen: 91.164 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080500.D
 Acq: 27 Aug 2025 11:56

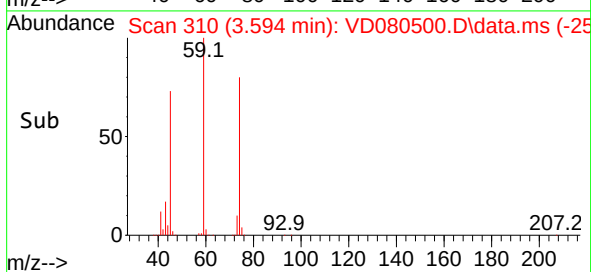
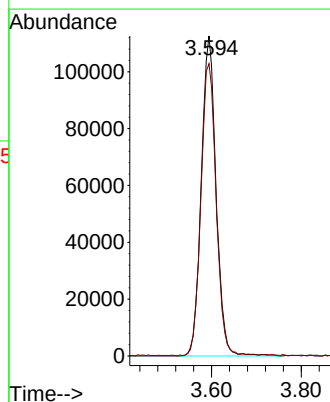
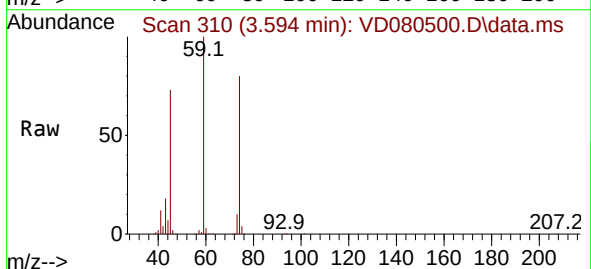
Instrument :
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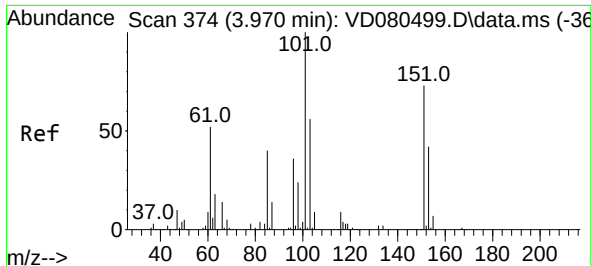
Tgt Ion:101 Resp: 631447
 Ion Ratio Lower Upper
 101 100
 103 65.4 49.6 74.4



#8
 Diethyl Ether
 Concen: 93.509 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VD080500.D
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Tgt Ion: 74 Resp: 256660
 Ion Ratio Lower Upper
 74 100
 45 94.3 48.2 144.6

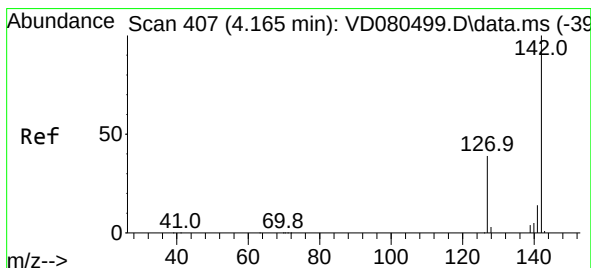
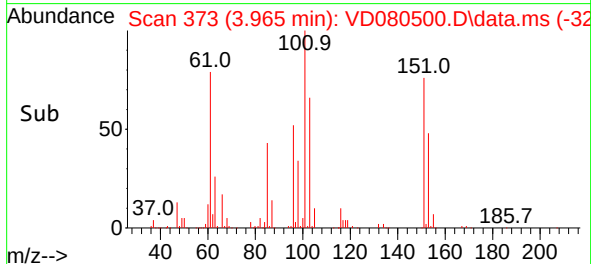
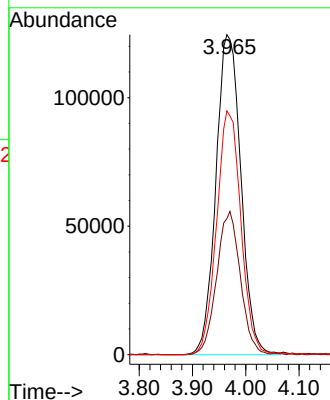
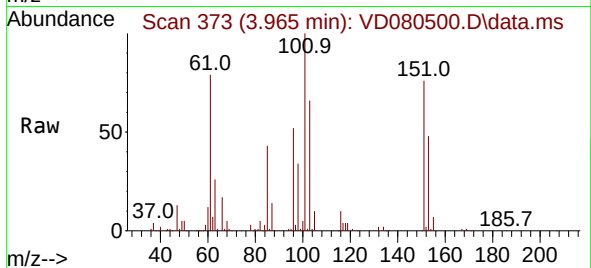




#9
1,1,2-Trichlorotrifluoroethane
Concen: 90.312 ug/l
RT: 3.965 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

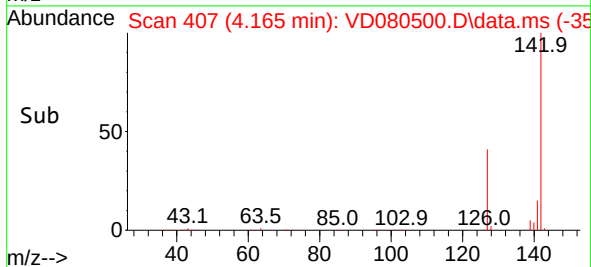
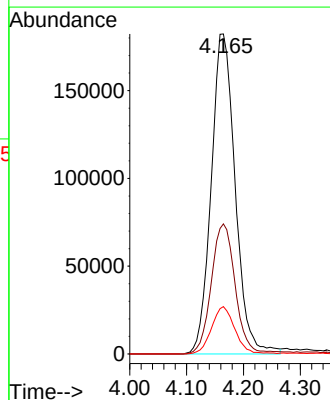
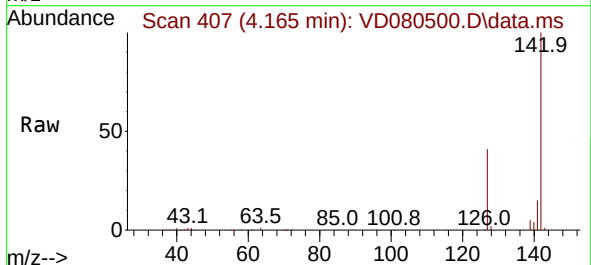
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

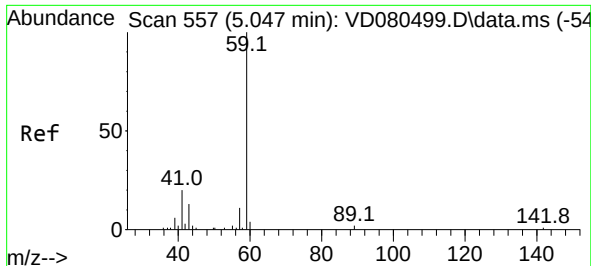
Tgt Ion:101 Resp: 405898
Ion Ratio Lower Upper
101 100
85 42.5 33.8 50.6
151 74.3 58.0 87.0



#10
Methyl Iodide
Concen: 103.139 ug/l
RT: 4.165 min Scan# 407
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion:142 Resp: 535144
Ion Ratio Lower Upper
142 100
127 40.9 33.1 49.7
141 14.4 11.7 17.5

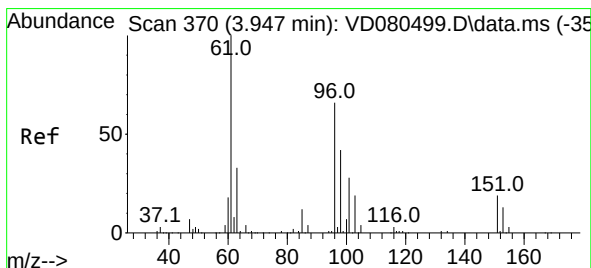
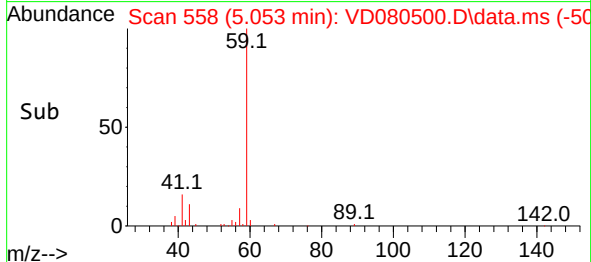
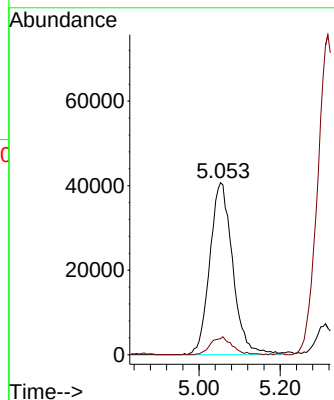
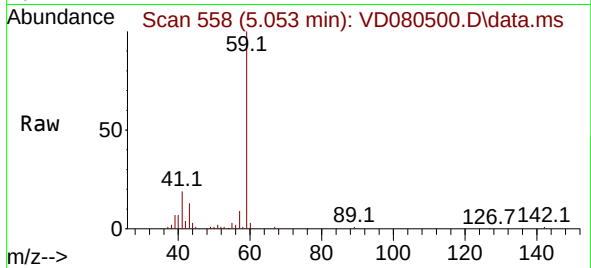




#11
Tert butyl alcohol
Concen: 454.496 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

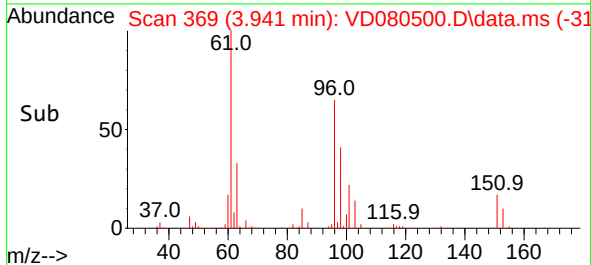
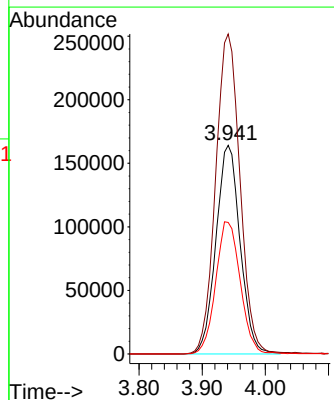
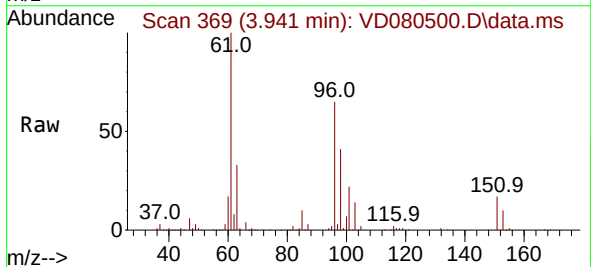
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

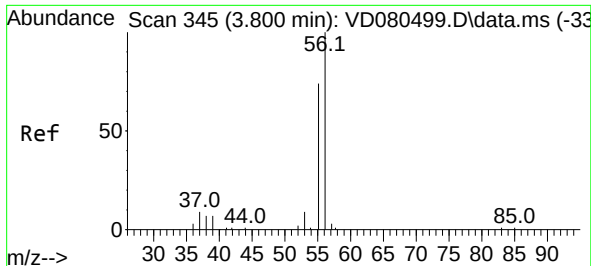
Tgt Ion: 59 Resp: 159103
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1



#12
1,1-Dichloroethene
Concen: 93.275 ug/l
RT: 3.941 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion: 96 Resp: 436729
Ion Ratio Lower Upper
96 100
61 153.3 120.9 181.3
98 63.0 50.7 76.1

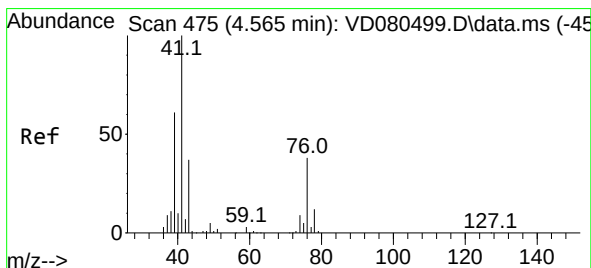
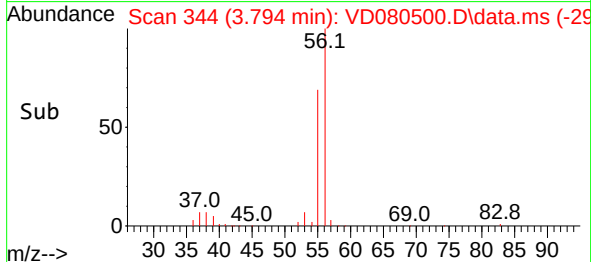
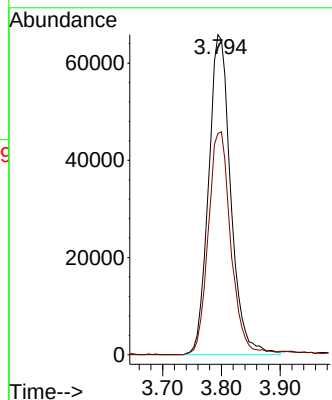
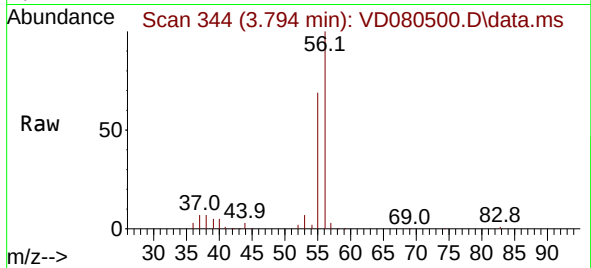




#13
Acrolein
Concen: 464.195 ug/l
RT: 3.794 min Scan# 34
Delta R.T. -0.006 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

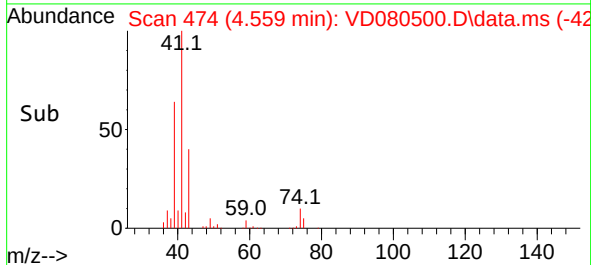
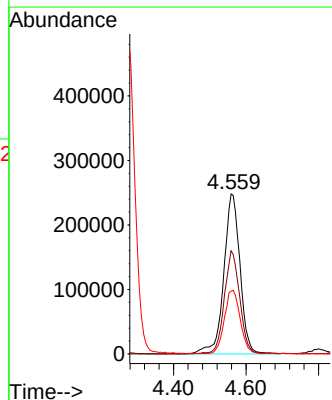
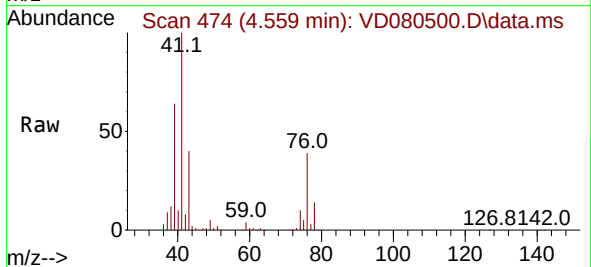
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

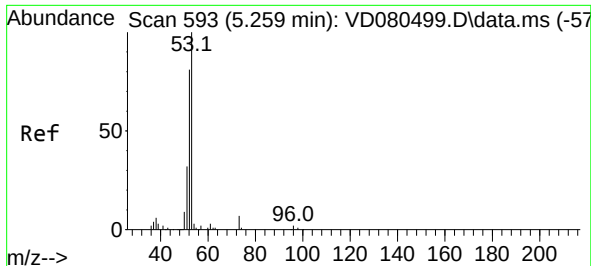
Tgt Ion: 56 Resp: 172705
Ion Ratio Lower Upper
56 100
55 70.9 56.6 85.0



#14
Allyl chloride
Concen: 95.338 ug/l
RT: 4.559 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion: 41 Resp: 774655
Ion Ratio Lower Upper
41 100
39 61.1 50.1 75.1
76 38.6 30.7 46.1

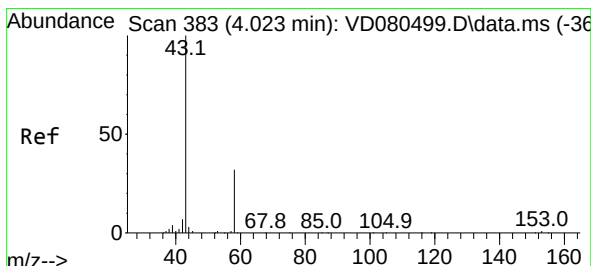
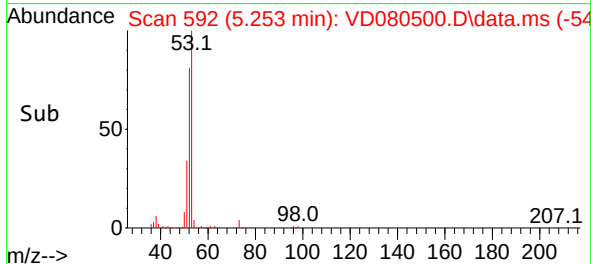
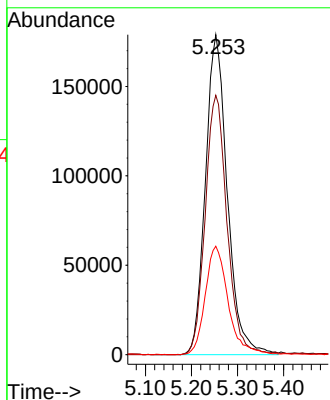
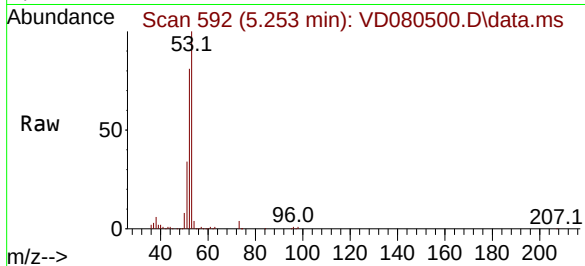




#15
Acrylonitrile
Concen: 484.664 ug/l
RT: 5.253 min Scan# 592
Delta R.T. -0.006 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

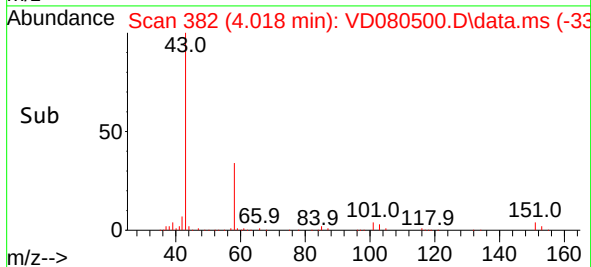
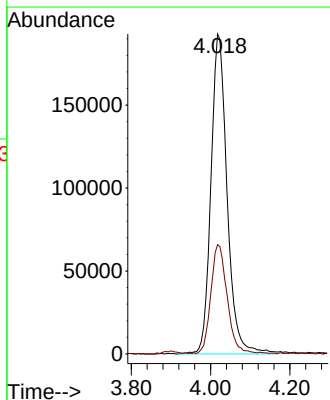
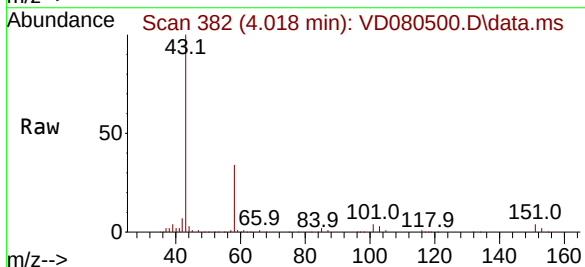
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

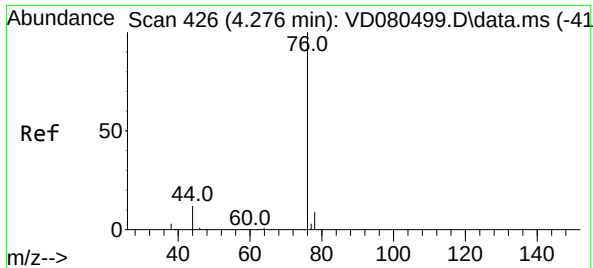
Tgt Ion: 53 Resp: 592423
Ion Ratio Lower Upper
53 100
52 80.7 64.6 97.0
51 35.5 28.0 42.0



#16
Acetone
Concen: 483.032 ug/l
RT: 4.018 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion: 43 Resp: 547024
Ion Ratio Lower Upper
43 100
58 34.0 25.4 38.0

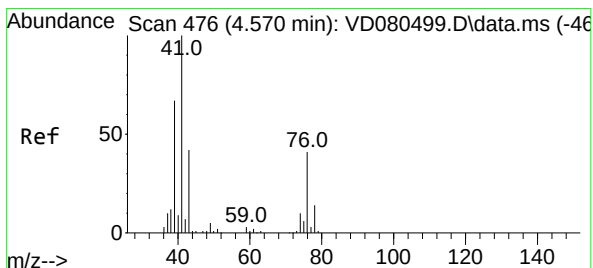
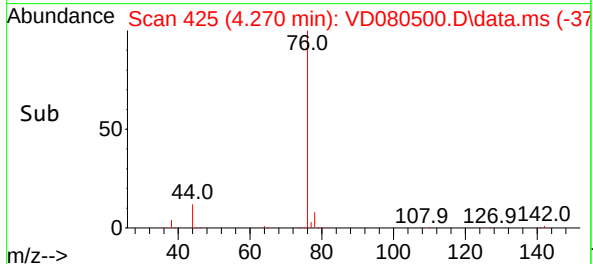
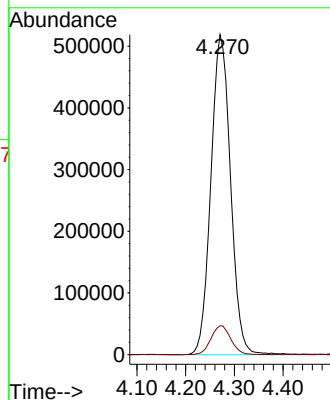
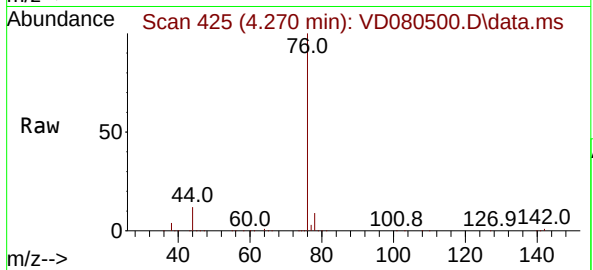




#17
Carbon Disulfide
Concen: 91.535 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

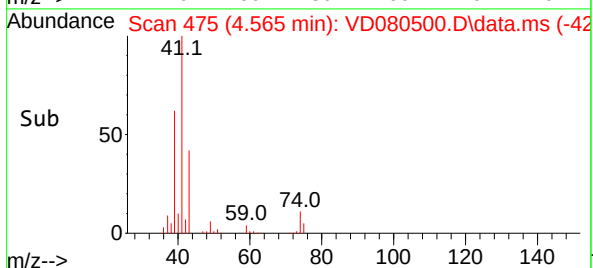
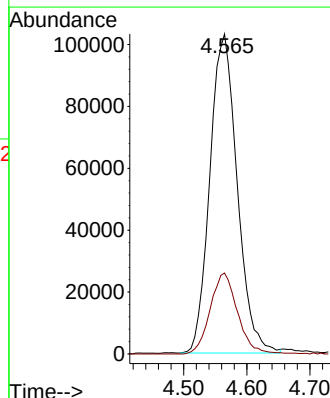
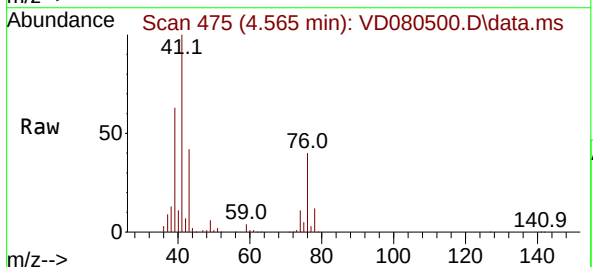
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

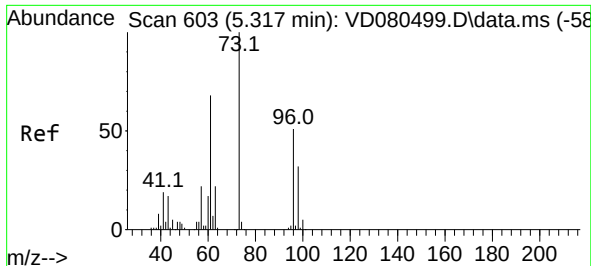
Tgt Ion: 76 Resp: 1449269
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 97.417 ug/l
RT: 4.565 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion: 43 Resp: 310468
Ion Ratio Lower Upper
43 100
74 25.4 20.2 30.2

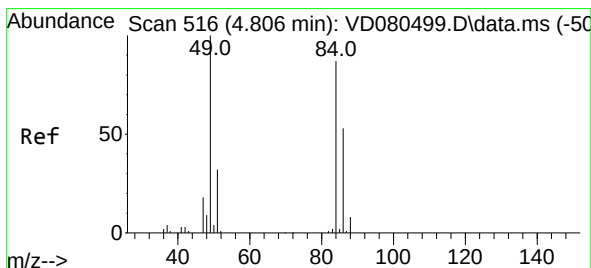
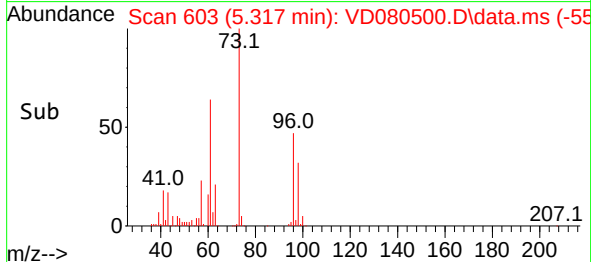
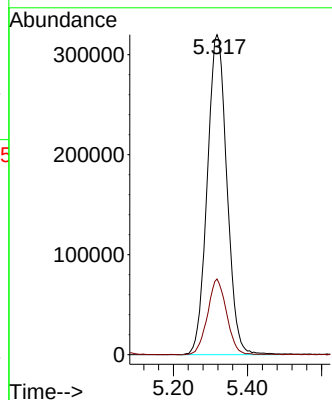
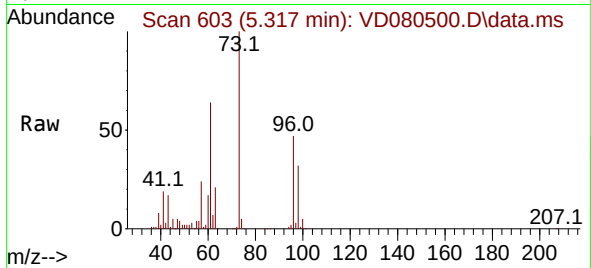




#19
Methyl tert-butyl Ether
Concen: 95.816 ug/l
RT: 5.317 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

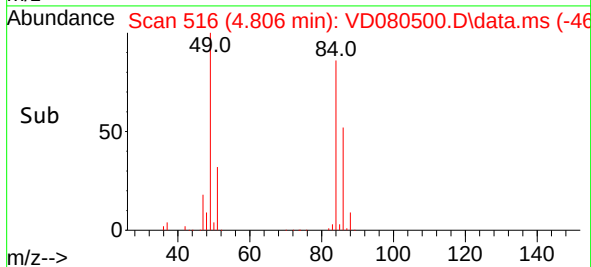
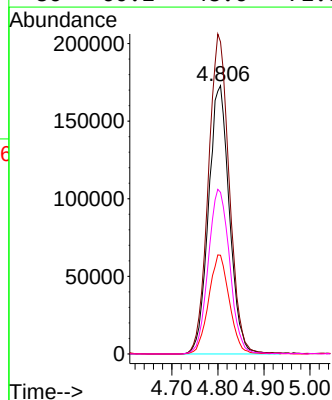
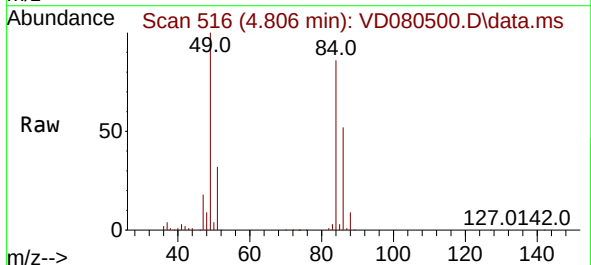
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

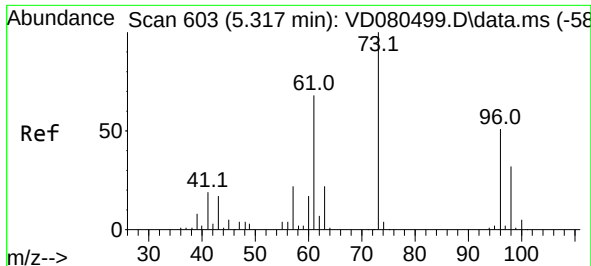
Tgt Ion: 73 Resp: 1177305
Ion Ratio Lower Upper
73 100
57 23.7 17.8 26.8



#20
Methylene Chloride
Concen: 87.580 ug/l
RT: 4.806 min Scan# 516
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion: 84 Resp: 544836
Ion Ratio Lower Upper
84 100
49 116.3 91.8 137.6
51 36.8 29.0 43.4
86 60.2 48.6 72.8

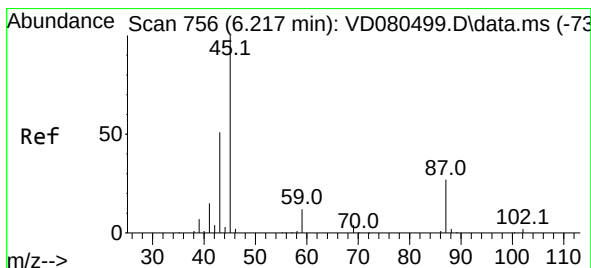
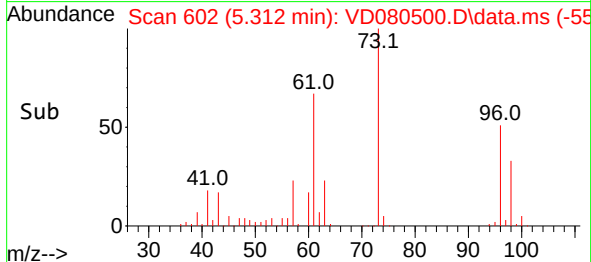
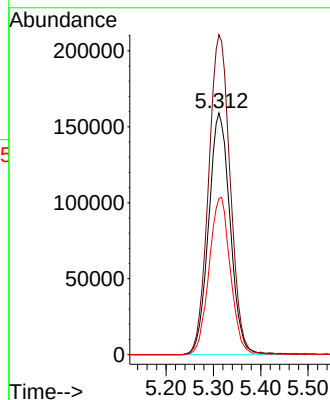
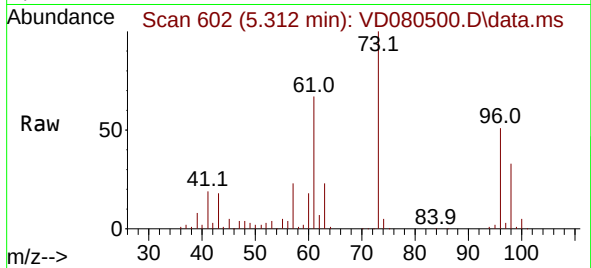




#21
trans-1,2-Dichloroethene
Concen: 93.486 ug/l
RT: 5.312 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

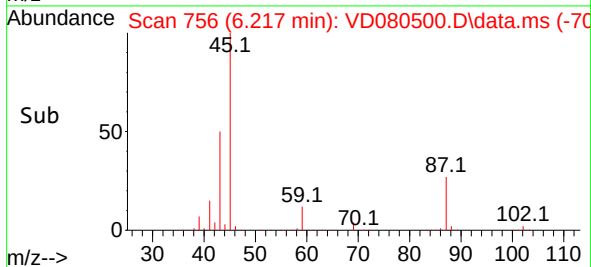
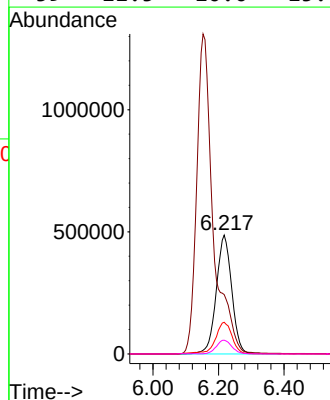
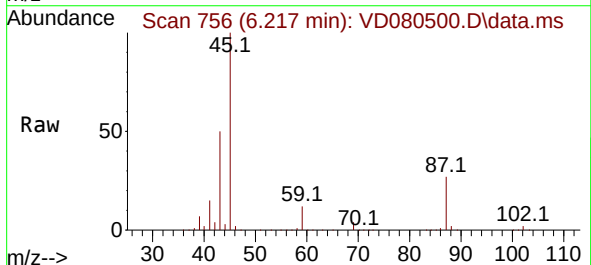
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

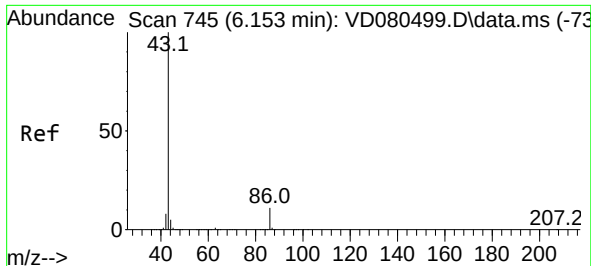
Tgt Ion: 96 Resp: 501104
Ion Ratio Lower Upper
96 100
61 132.3 107.4 161.0
98 64.6 49.9 74.9



#22
Diisopropyl ether
Concen: 95.323 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion: 45 Resp: 1594162
Ion Ratio Lower Upper
45 100
43 49.8 40.6 60.8
87 26.6 21.6 32.4
59 11.5 10.0 15.0

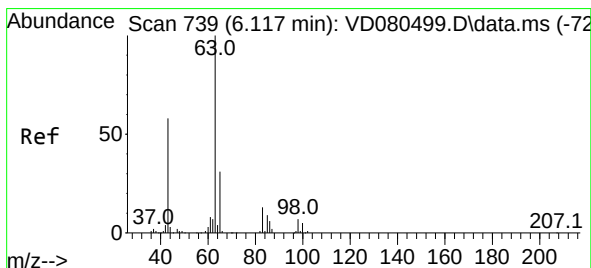
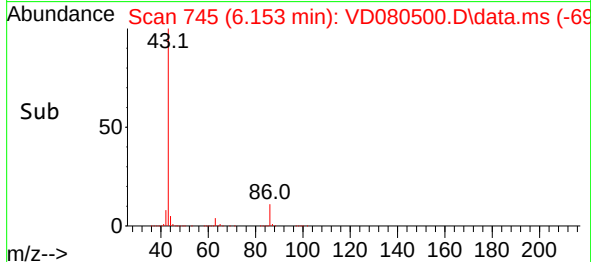
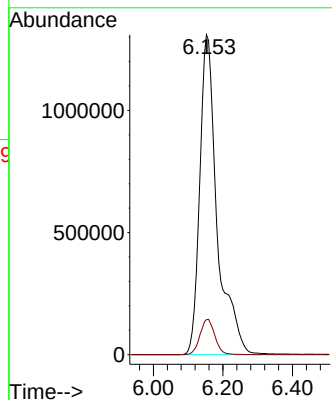
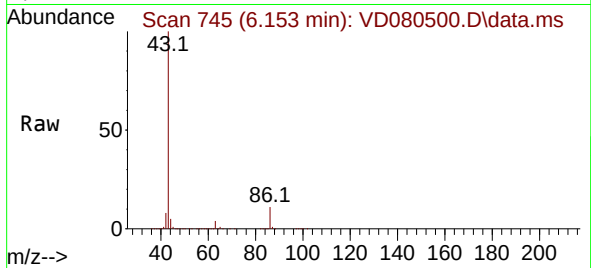




#23
 Vinyl Acetate
 Concen: 479.678 ug/l
 RT: 6.153 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD080500.D
 Acq: 27 Aug 2025 11:56

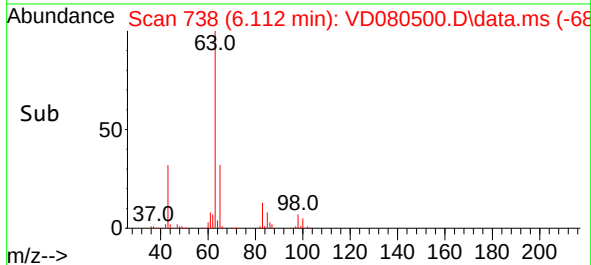
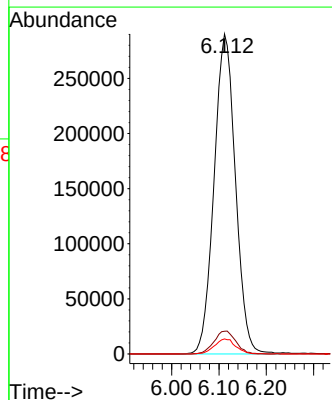
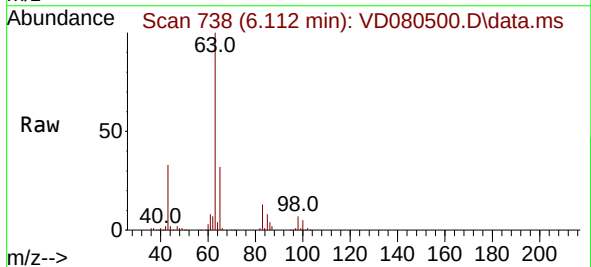
Instrument :
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 ClientSampleId :
 VSTDIC100

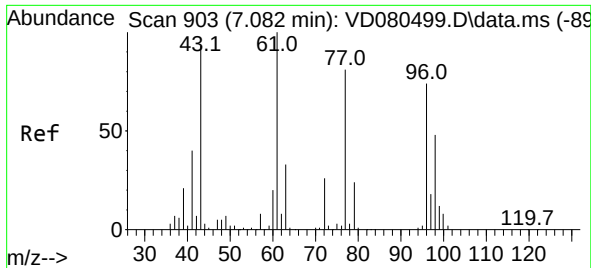
Tgt Ion: 43 Resp: 4564974
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 94.097 ug/l
 RT: 6.112 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD080500.D
 Acq: 27 Aug 2025 11:56

Tgt Ion: 63 Resp: 910940
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 4.7 2.4 7.1

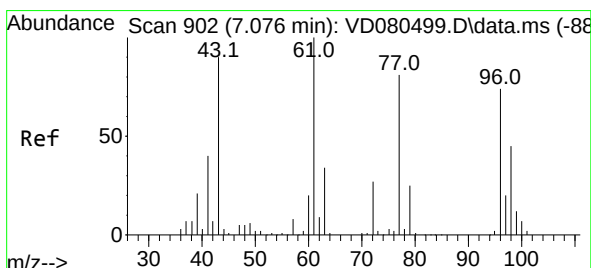
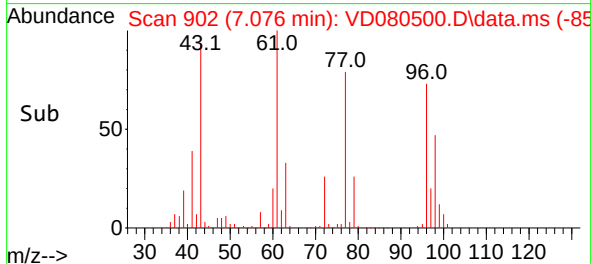
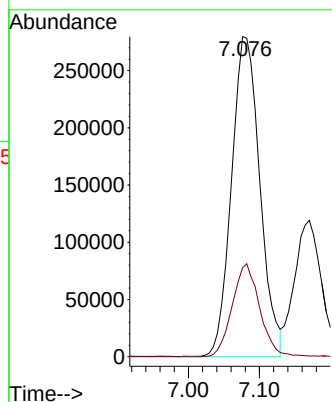
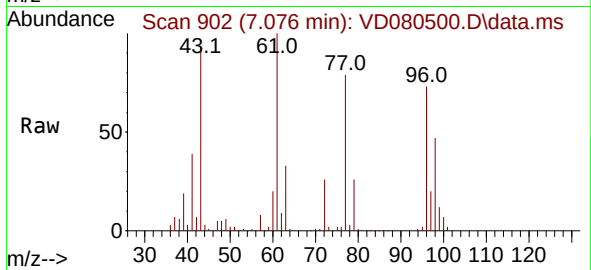




#25
2-Butanone
Concen: 484.532 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.006 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

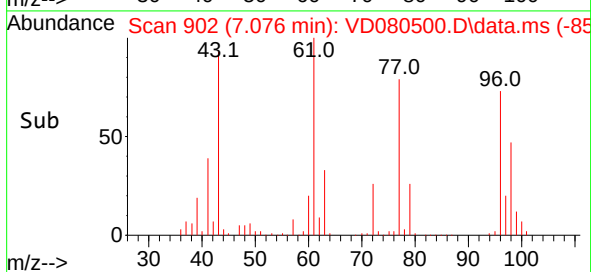
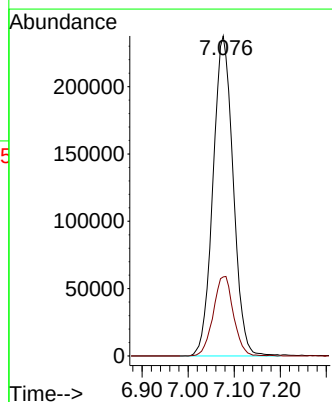
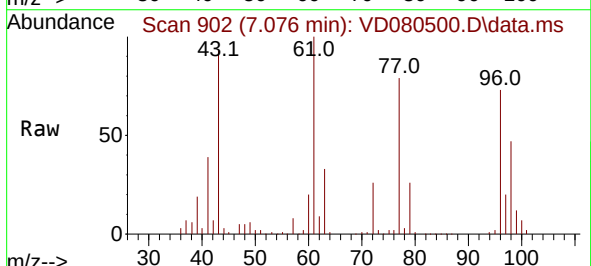
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

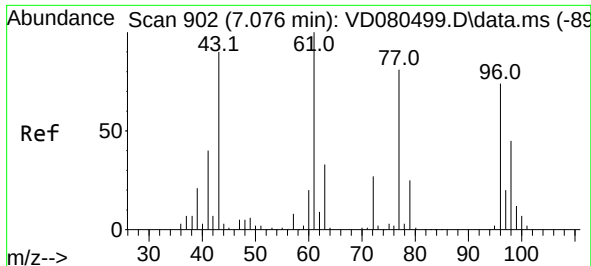
Tgt Ion: 43 Resp: 776977
Ion Ratio Lower Upper
43 100
72 27.8 22.8 34.2



#26
2,2-Dichloropropane
Concen: 94.165 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion: 77 Resp: 721773
Ion Ratio Lower Upper
77 100
97 24.9 12.4 37.0



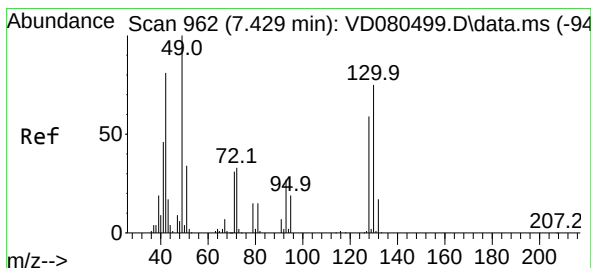
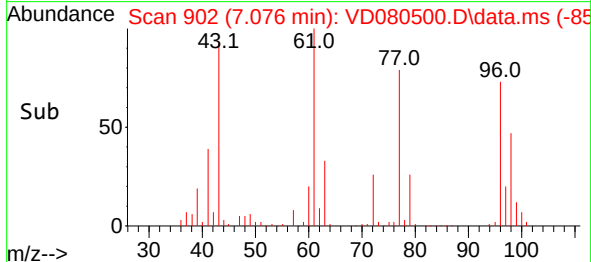
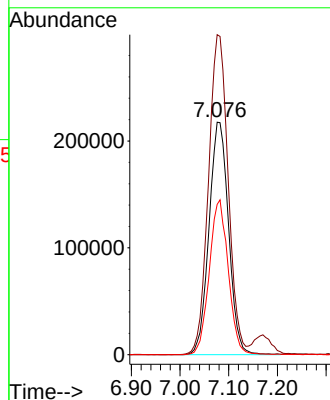
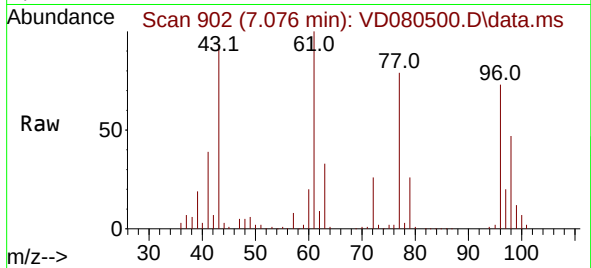


#27
 cis-1,2-Dichloroethene
 Concen: 94.820 ug/l
 RT: 7.076 min Scan# 902
 Delta R.T. 0.000 min
 Lab File: VD080500.D
 Acq: 27 Aug 2025 11:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 606581

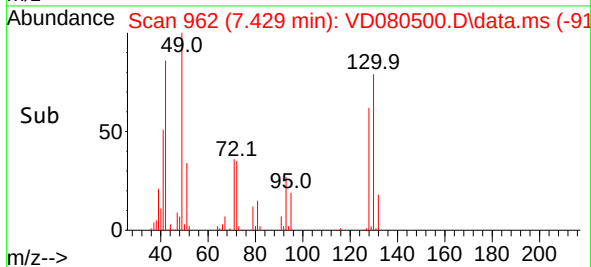
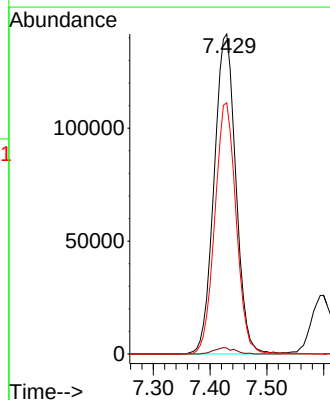
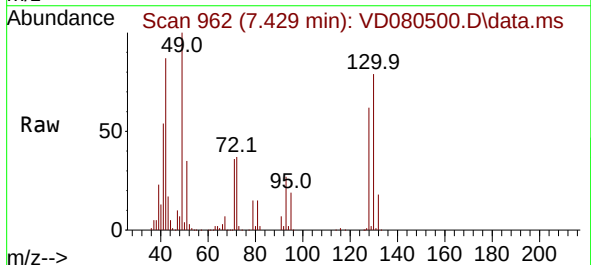
Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	275.2
98	64.7	0.0	128.8

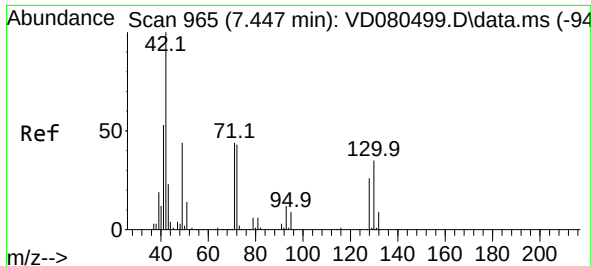


#28
 Bromochloromethane
 Concen: 95.494 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.000 min
 Lab File: VD080500.D
 Acq: 27 Aug 2025 11:56

Tgt Ion: 49 Resp: 376739

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	76.9	61.1	91.7

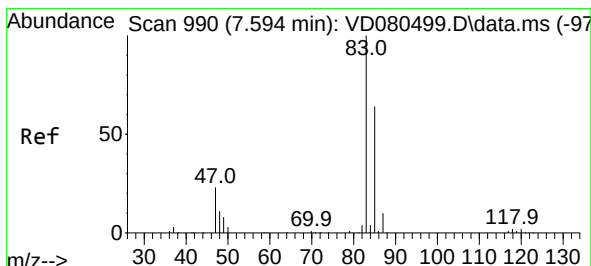
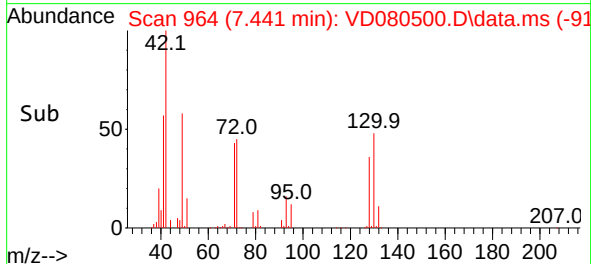
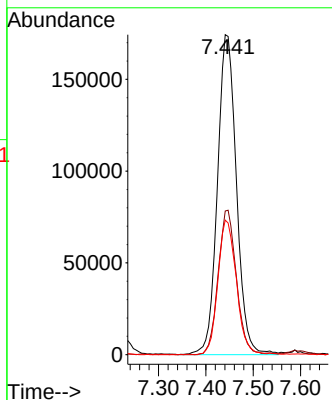
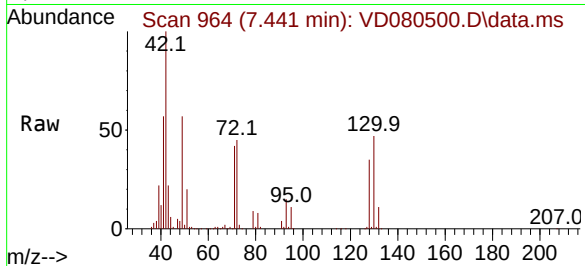




#29
Tetrahydrofuran
Concen: 480.767 ug/l
RT: 7.441 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

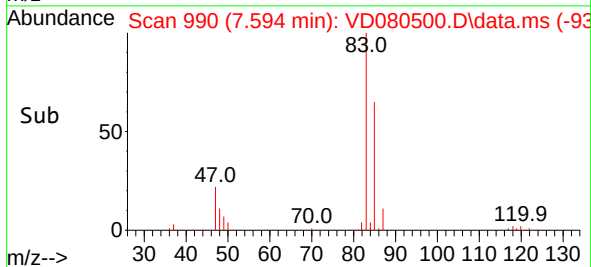
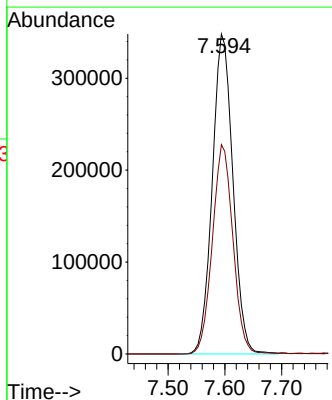
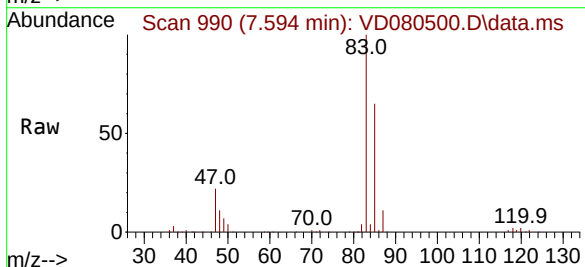
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

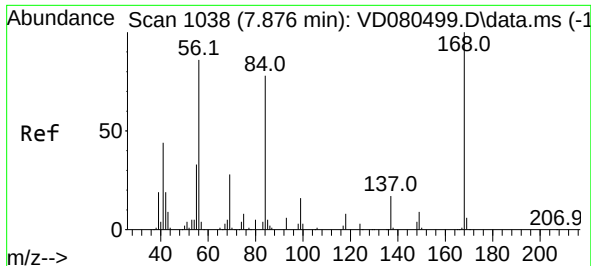
Tgt Ion: 42 Resp: 487170
Ion Ratio Lower Upper
42 100
72 43.3 34.7 52.1
71 40.7 32.9 49.3



#30
Chloroform
Concen: 94.908 ug/l
RT: 7.594 min Scan# 990
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion: 83 Resp: 878518
Ion Ratio Lower Upper
83 100
85 65.4 51.2 76.8

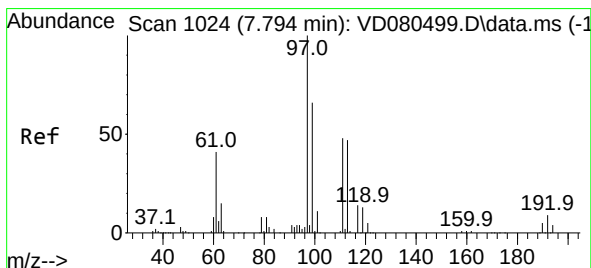
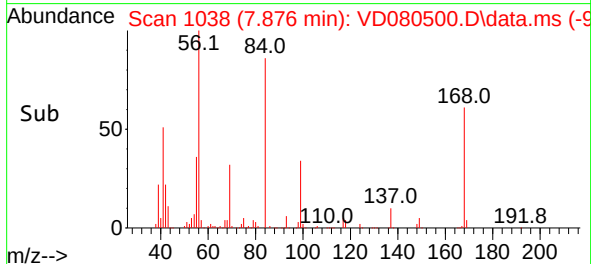
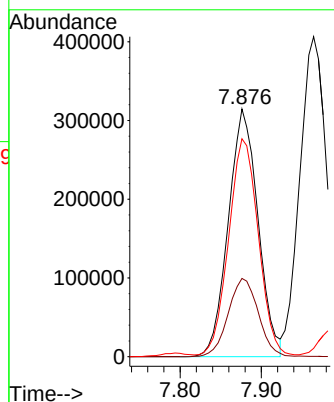
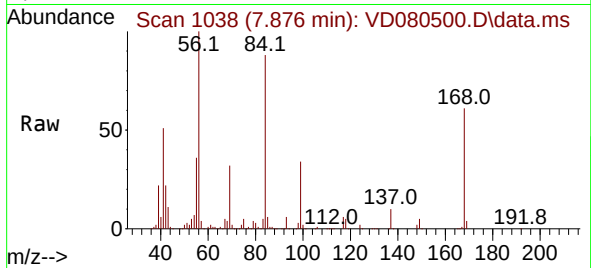




#31
Cyclohexane
Concen: 88.194 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

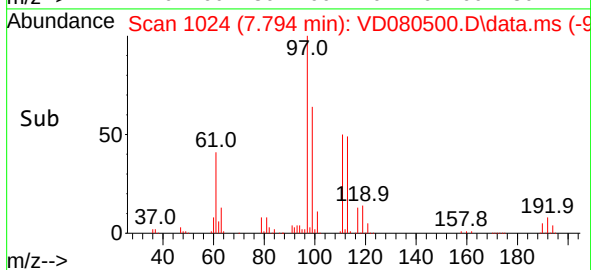
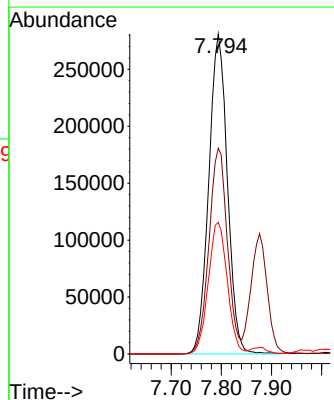
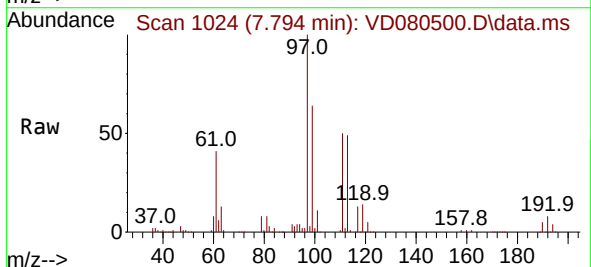
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

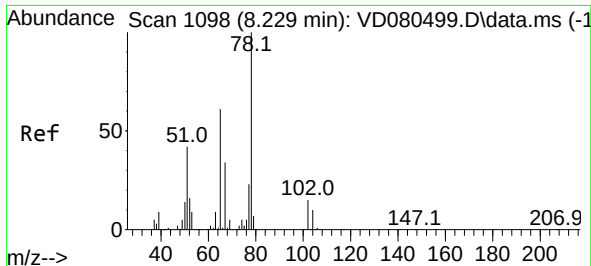
Tgt Ion: 56 Resp: 799164
Ion Ratio Lower Upper
56 100
69 31.6 26.0 39.0
84 86.6 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 94.065 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion: 97 Resp: 725007
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 42.0 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 88.490 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VD080500.D

Acq: 27 Aug 2025 11:56

Instrument :

MSVOA_D

ClientSampleId :

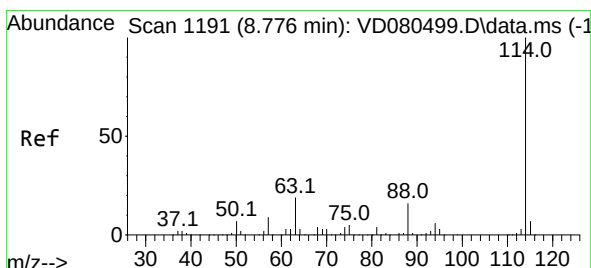
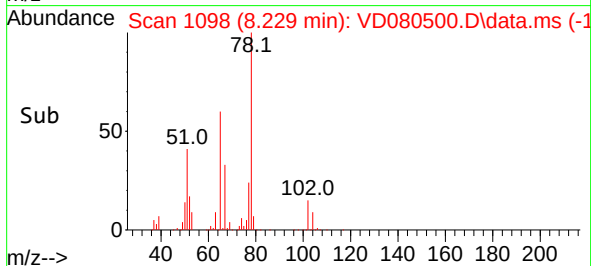
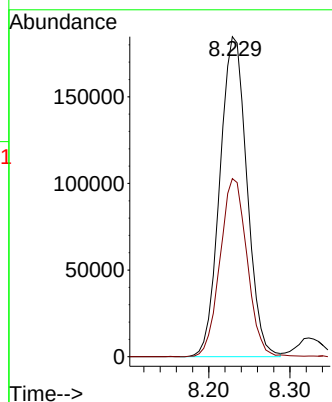
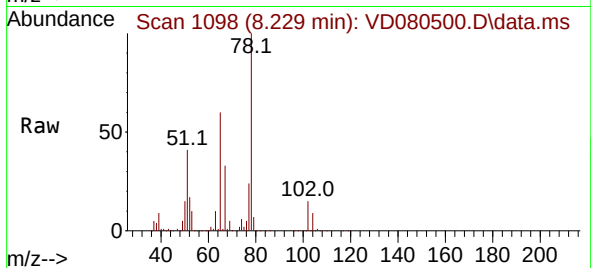
VSTDIC100

Tgt Ion: 65 Resp: 428057

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: VD080500.D

Acq: 27 Aug 2025 11:56

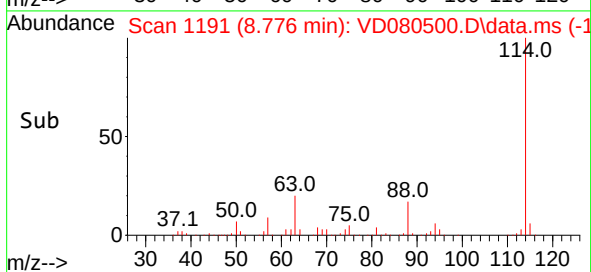
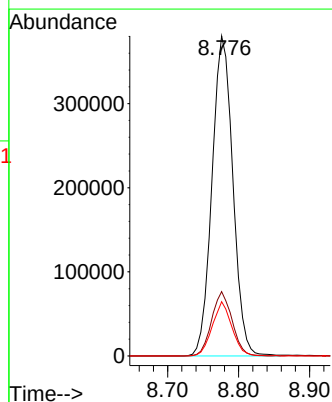
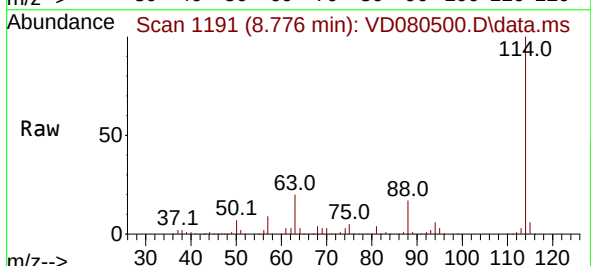
Tgt Ion: 114 Resp: 776153

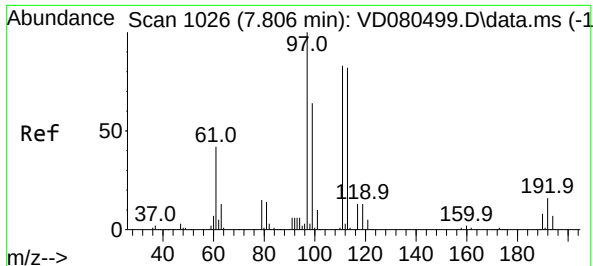
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.6

88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 97.237 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VD080500.D

Acq: 27 Aug 2025 11:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

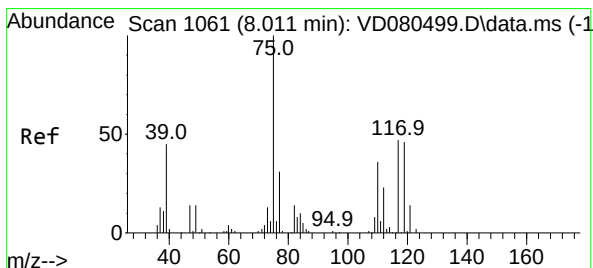
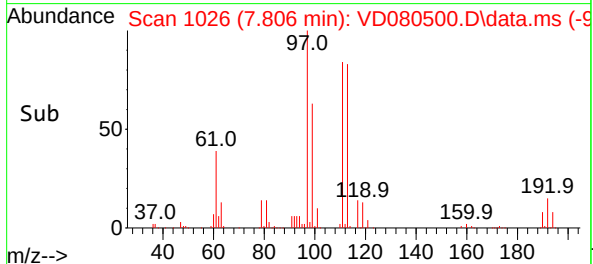
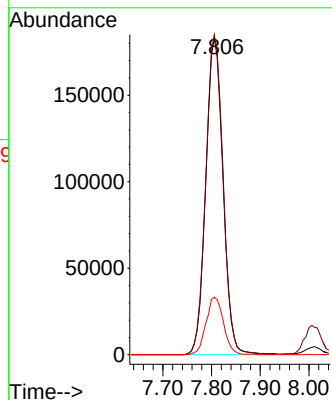
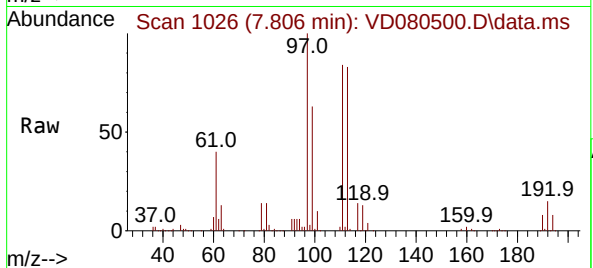
Tgt Ion:113 Resp: 449270

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

192 18.5 14.9 22.3



#36

1,1-Dichloropropene

Concen: 94.154 ug/l

RT: 8.006 min Scan# 1060

Delta R.T. -0.005 min

Lab File: VD080500.D

Acq: 27 Aug 2025 11:56

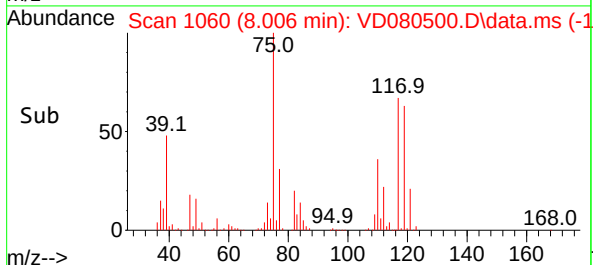
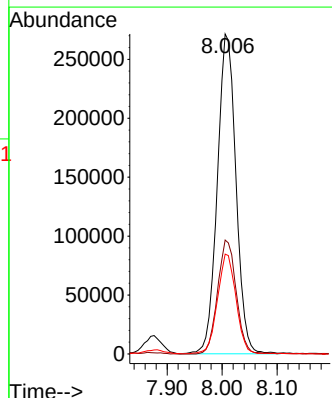
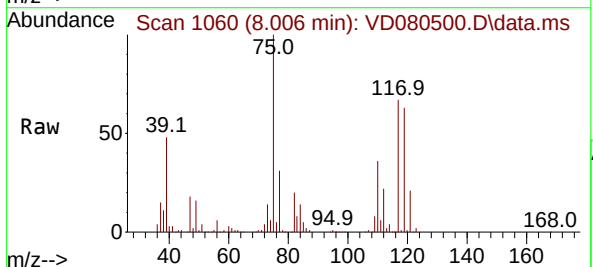
Tgt Ion: 75 Resp: 640385

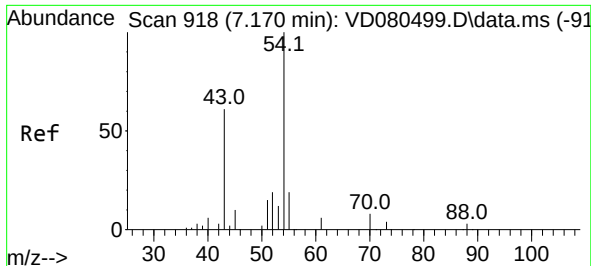
Ion Ratio Lower Upper

75 100

110 35.5 18.1 54.1

77 30.8 25.7 38.5

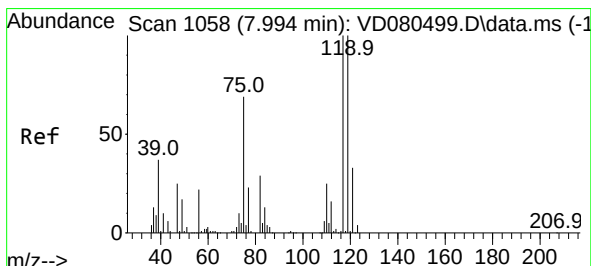
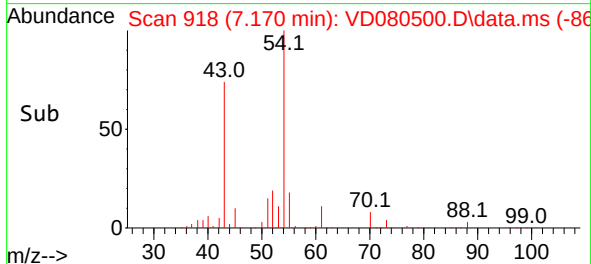
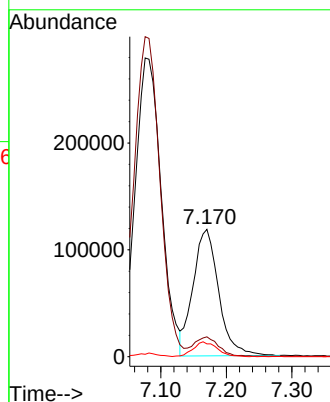
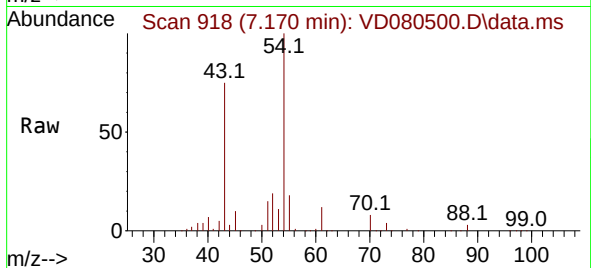




#37
Ethyl Acetate
Concen: 98.433 ug/l
RT: 7.170 min Scan# 918
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

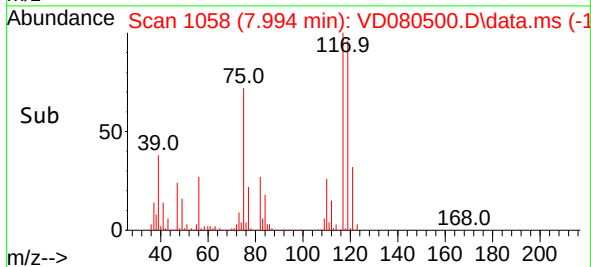
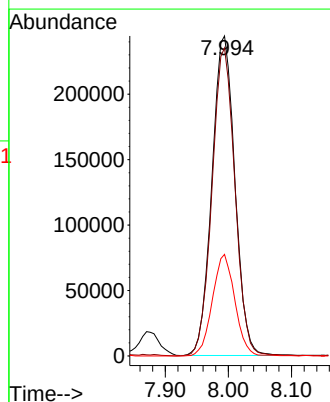
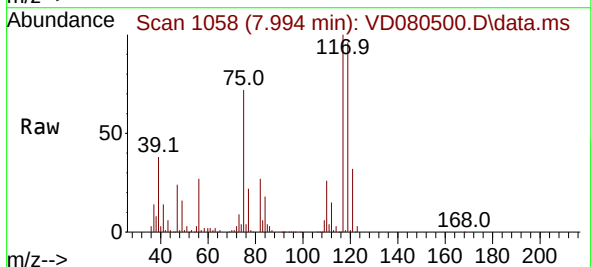
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

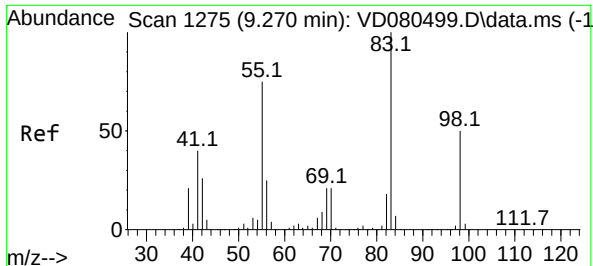
Tgt Ion: 43 Resp: 321941
Ion Ratio Lower Upper
43 100
61 14.2 11.8 17.8
70 11.0 9.0 13.4



#38
Carbon Tetrachloride
Concen: 95.351 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion: 117 Resp: 617244
Ion Ratio Lower Upper
117 100
119 96.3 80.2 120.2
121 31.8 26.8 40.2





#39

Methylcyclohexane

Concen: 92.770 ug/l

RT: 9.270 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080500.D

Acq: 27 Aug 2025 11:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

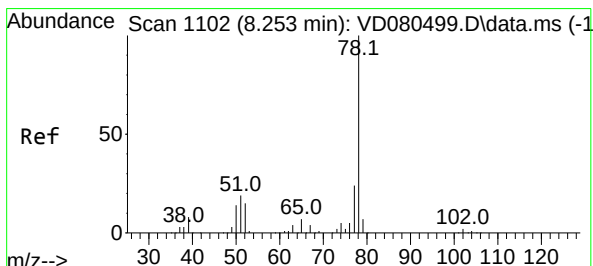
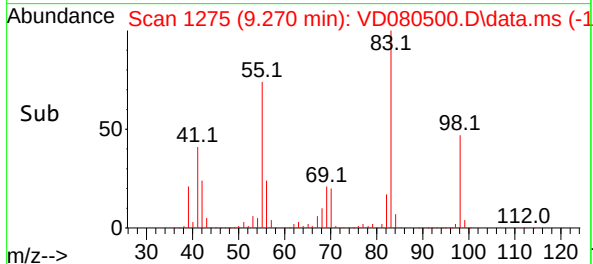
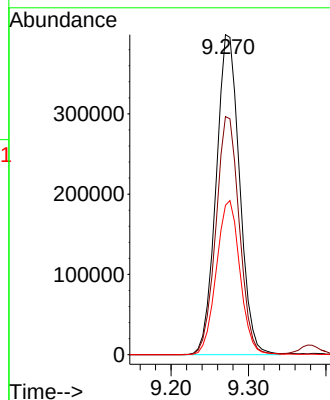
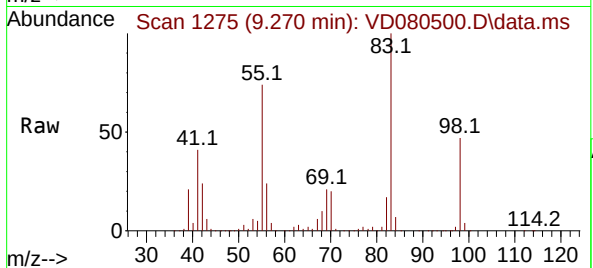
Tgt Ion: 83 Resp: 839859

Ion Ratio Lower Upper

83 100

55 74.4 60.4 90.6

98 46.7 39.8 59.6



#40

Benzene

Concen: 95.590 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080500.D

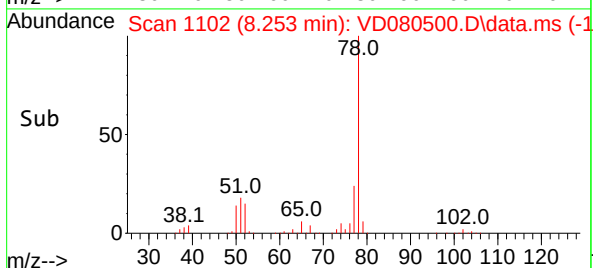
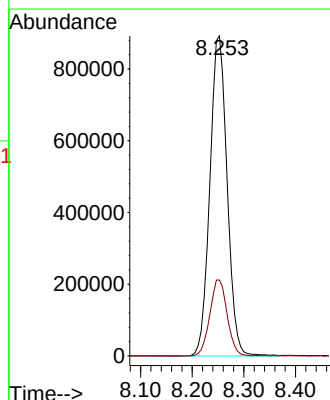
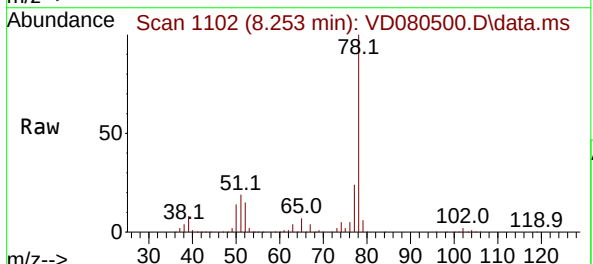
Acq: 27 Aug 2025 11:56

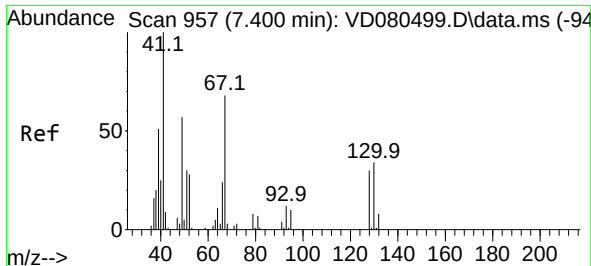
Tgt Ion: 78 Resp: 2069155

Ion Ratio Lower Upper

78 100

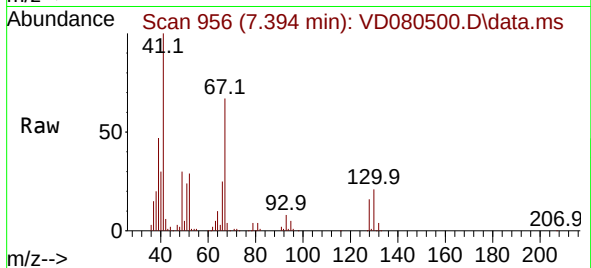
77 23.7 19.0 28.6



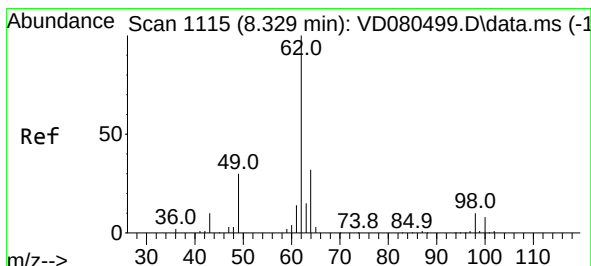
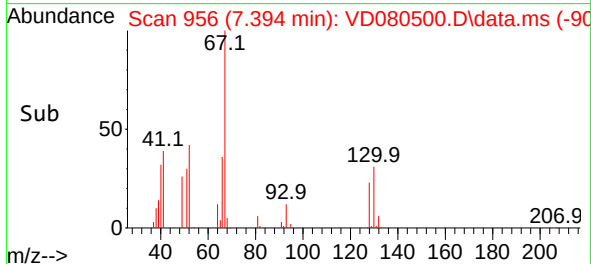
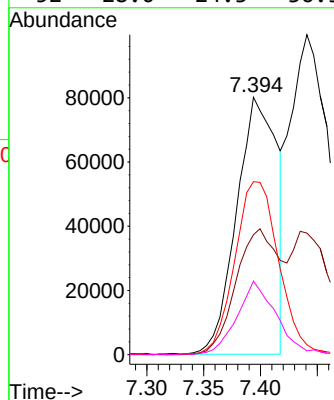


#41
Methacrylonitrile
Concen: 102.087 ug/l
RT: 7.394 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

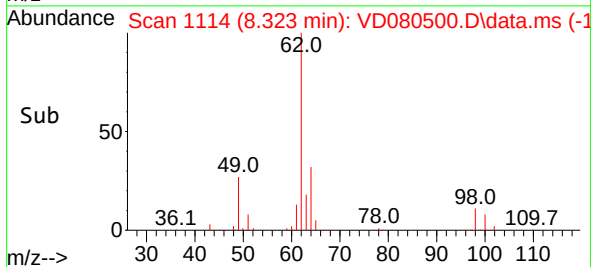
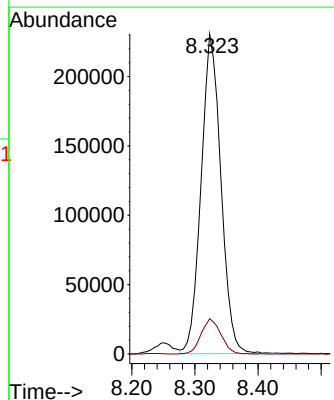
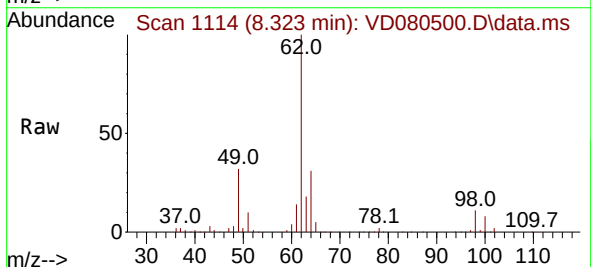


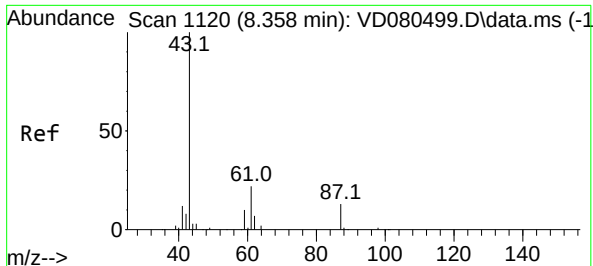
Tgt Ion:	41	Resp:	198233
Ion	Ratio	Lower	Upper
41	100		
39	54.9	50.1	75.1
67	73.4	60.8	91.2
52	28.0	24.3	36.5



#42
1,2-Dichloroethane
Concen: 95.775 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion:	62	Resp:	502158
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.0

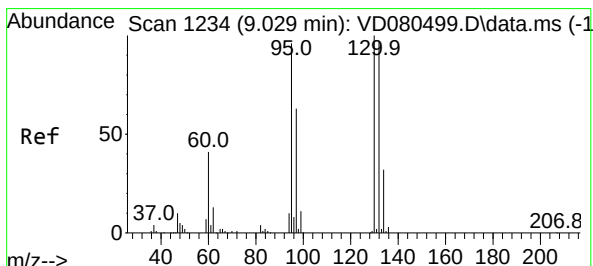
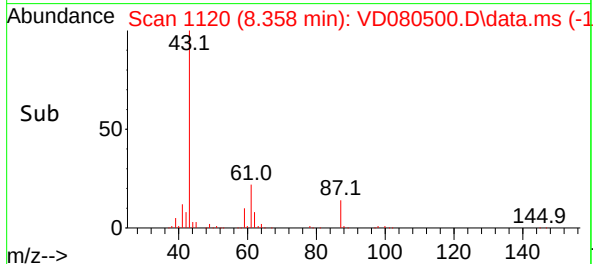
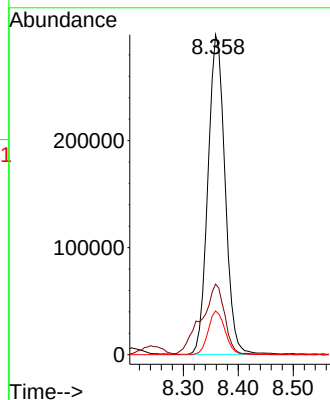
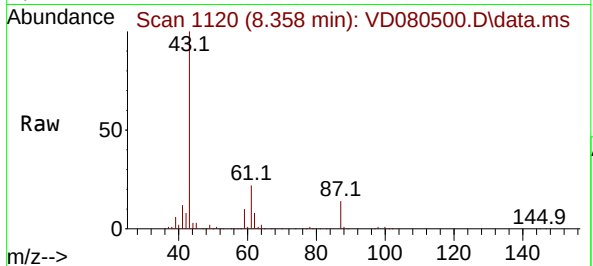




#43
Isopropyl Acetate
Concen: 96.854 ug/l
RT: 8.358 min Scan# 1120
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

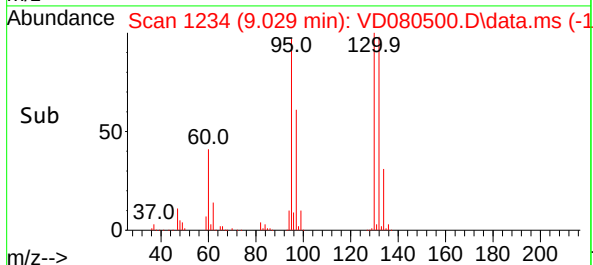
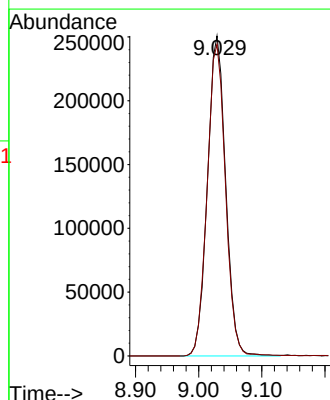
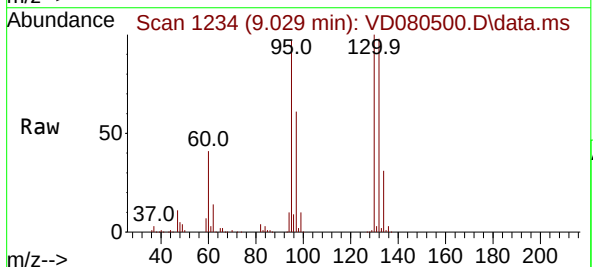
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

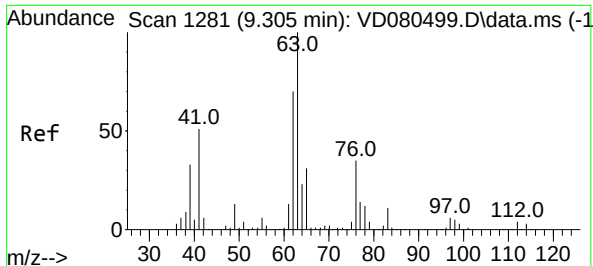
Tgt Ion: 43 Resp: 644515
Ion Ratio Lower Upper
43 100
61 30.5 24.3 36.5
87 13.6 10.9 16.3



#44
Trichloroethene
Concen: 95.650 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion: 130 Resp: 502307
Ion Ratio Lower Upper
130 100
95 97.3 0.0 191.8





#45

1,2-Dichloropropane

Concen: 96.129 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080500.D

Acq: 27 Aug 2025 11:56

Instrument :

MSVOA_D

ClientSampleId :

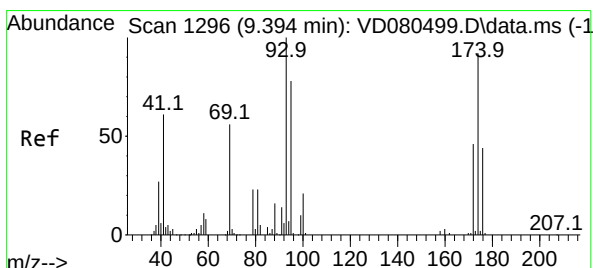
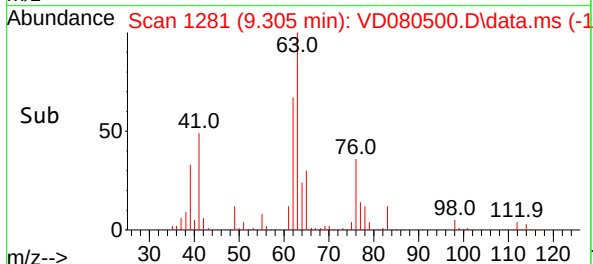
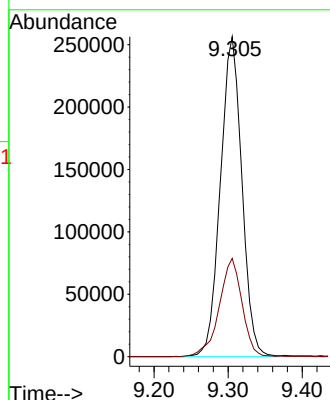
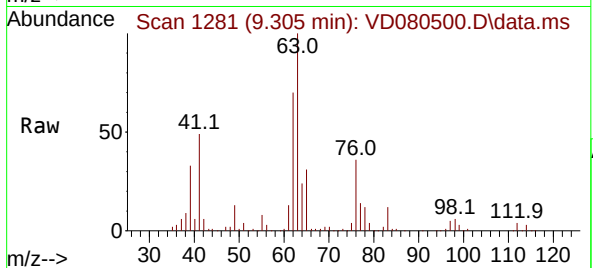
VSTDICC100

Tgt Ion: 63 Resp: 516050

Ion Ratio Lower Upper

63 100

65 30.7 24.9 37.3



#46

Dibromomethane

Concen: 97.990 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080500.D

Acq: 27 Aug 2025 11:56

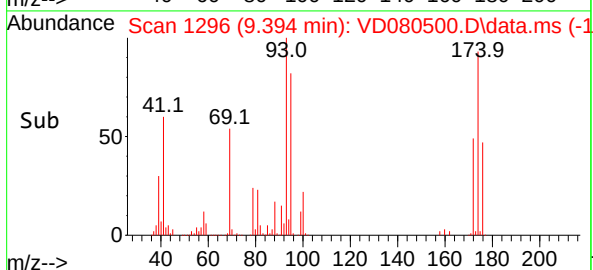
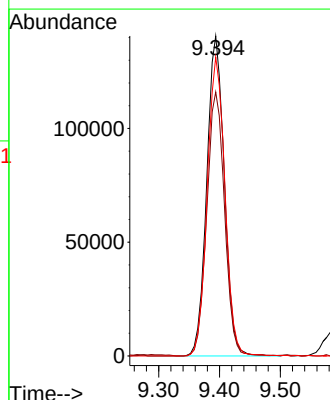
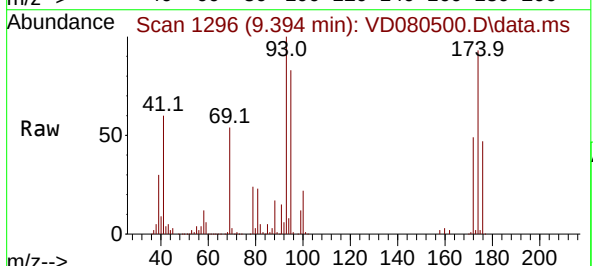
Tgt Ion: 93 Resp: 281825

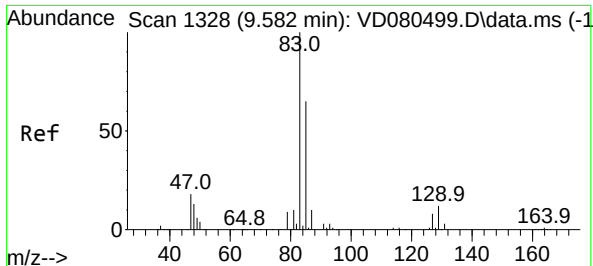
Ion Ratio Lower Upper

93 100

95 83.6 66.3 99.5

174 94.3 74.8 112.2





#47

Bromodichloromethane

Concen: 98.559 ug/l

RT: 9.582 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD080500.D

Acq: 27 Aug 2025 11:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

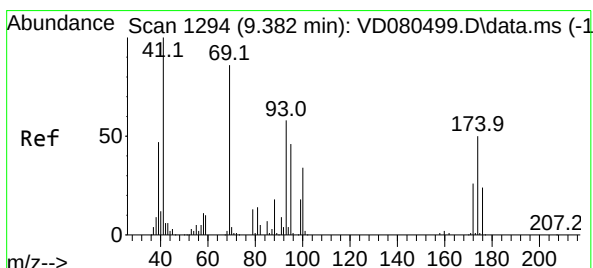
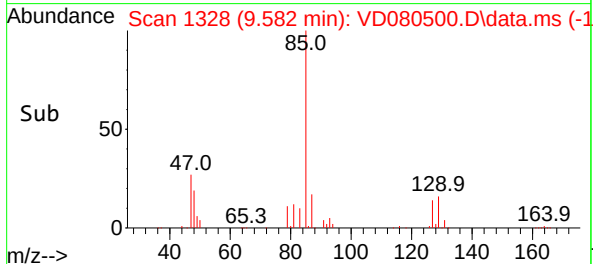
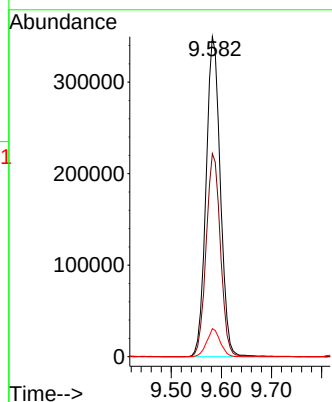
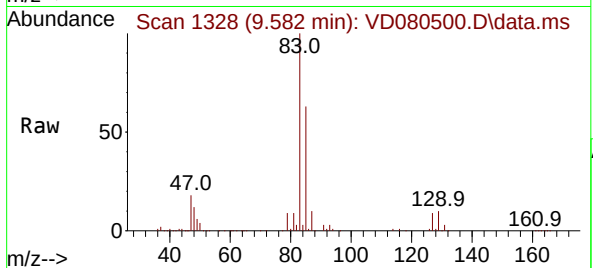
Tgt Ion: 83 Resp: 691040

Ion Ratio Lower Upper

83 100

85 63.5 52.2 78.2

127 8.7 6.6 9.8



#48

Methyl methacrylate

Concen: 97.053 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VD080500.D

Acq: 27 Aug 2025 11:56

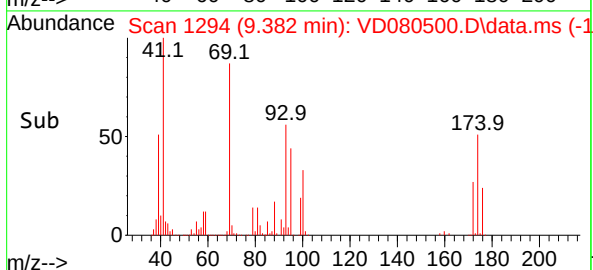
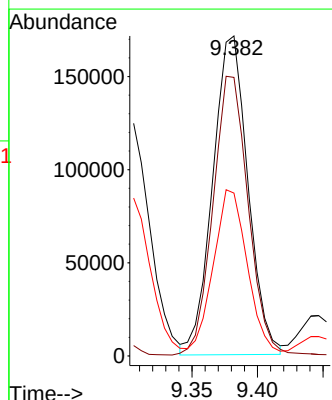
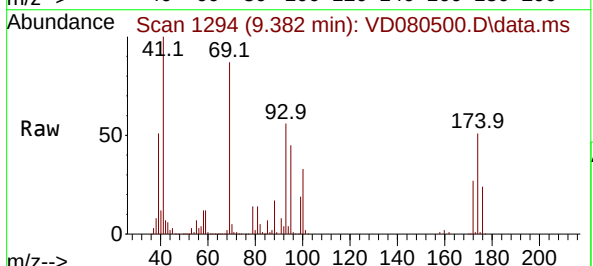
Tgt Ion: 41 Resp: 320168

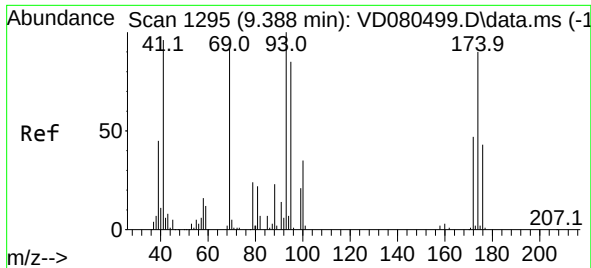
Ion Ratio Lower Upper

41 100

69 88.3 68.7 103.1

39 47.7 36.5 54.7

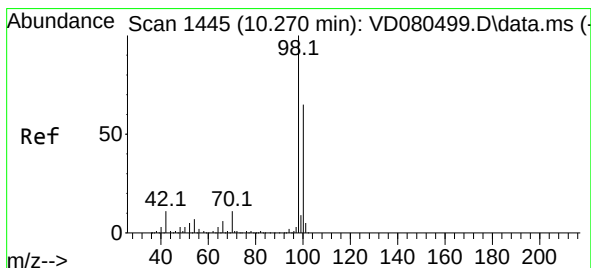
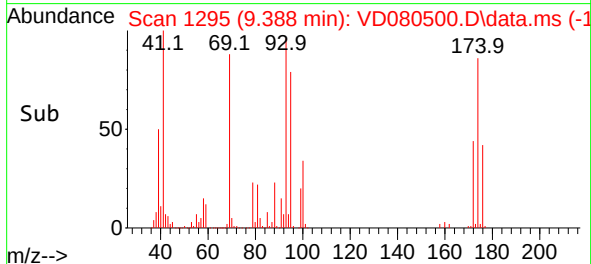
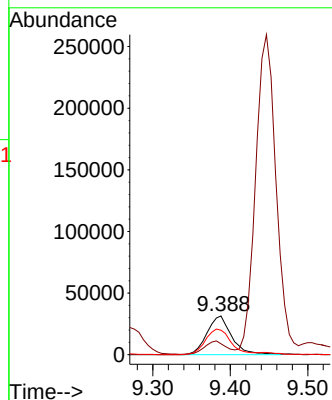
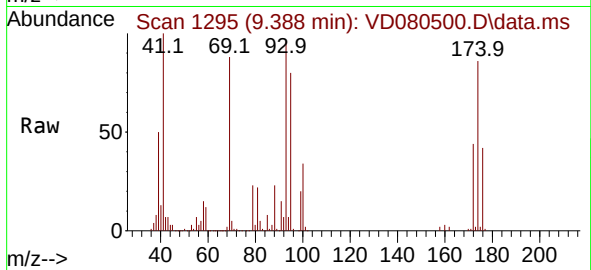




#49
1,4-Dioxane
Concen: 1955.895 ug/l
RT: 9.388 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

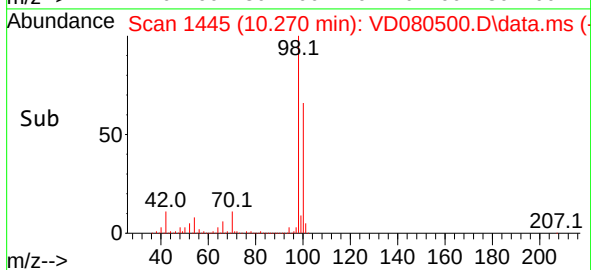
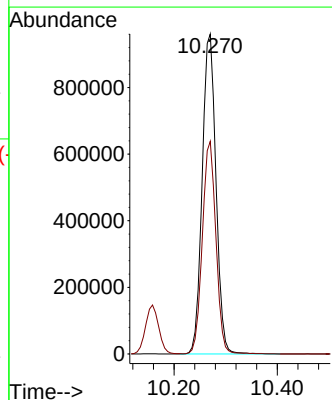
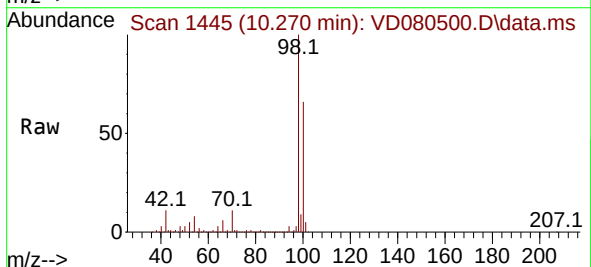
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

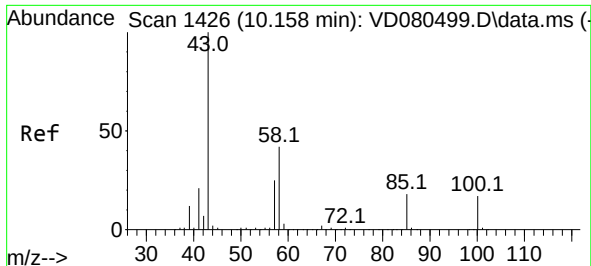
Tgt Ion: 88 Resp: 69544
Ion Ratio Lower Upper
88 100
43 30.5 26.1 39.1
58 67.3 54.2 81.2



#50
Toluene-d8
Concen: 96.516 ug/l
RT: 10.270 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion: 98 Resp: 1774580
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6

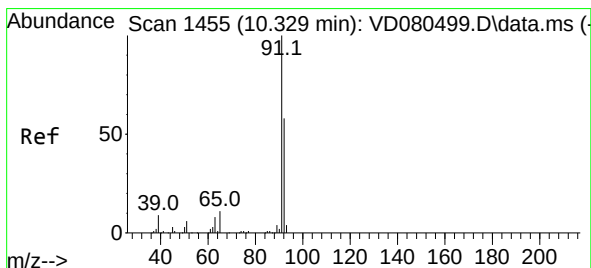
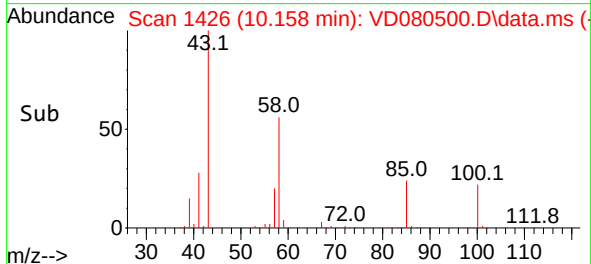
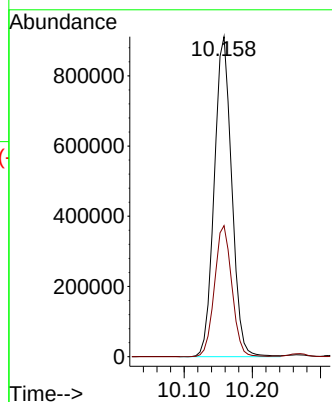
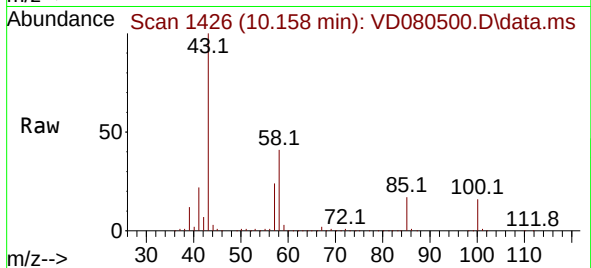




#51
4-Methyl-2-Pentanone
Concen: 489.867 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

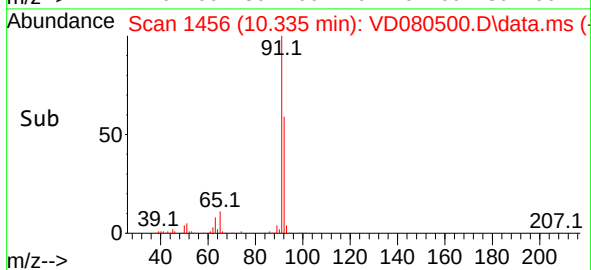
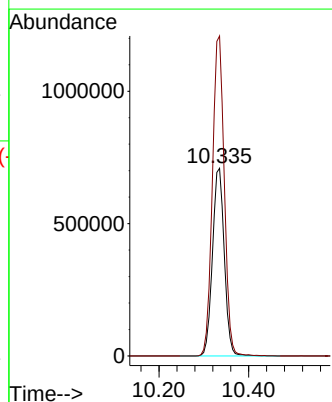
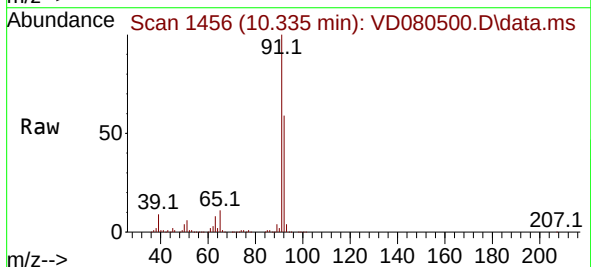
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

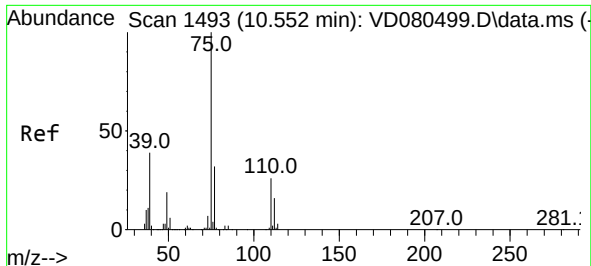
Tgt Ion: 43 Resp: 1625737
Ion Ratio Lower Upper
43 100
58 40.8 32.8 49.2



#52
Toluene
Concen: 95.895 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion: 92 Resp: 1294517
Ion Ratio Lower Upper
92 100
91 171.7 138.8 208.2

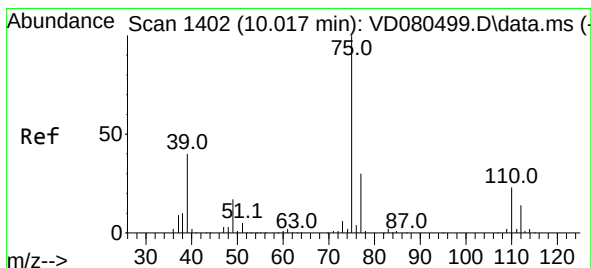
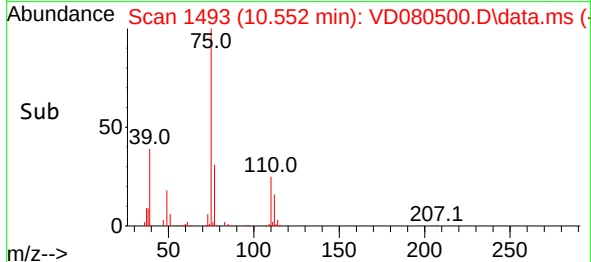
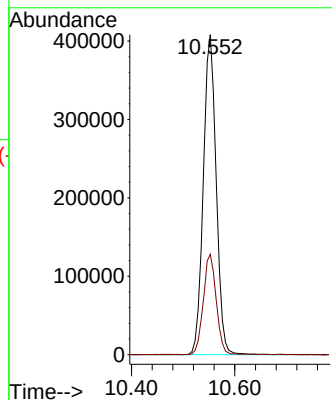
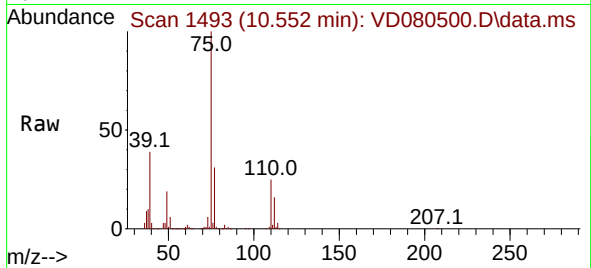




#53
 t-1,3-Dichloropropene
 Concen: 98.623 ug/l
 RT: 10.552 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VD080500.D
 Acq: 27 Aug 2025 11:56

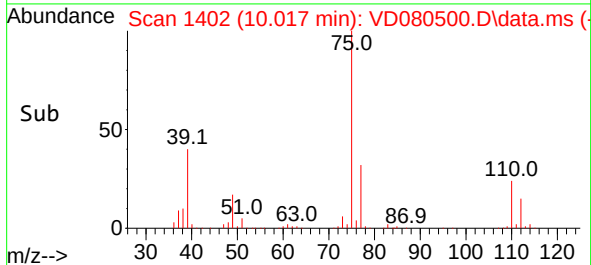
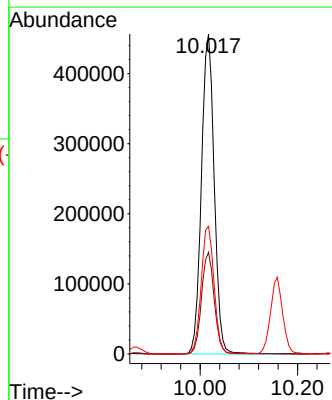
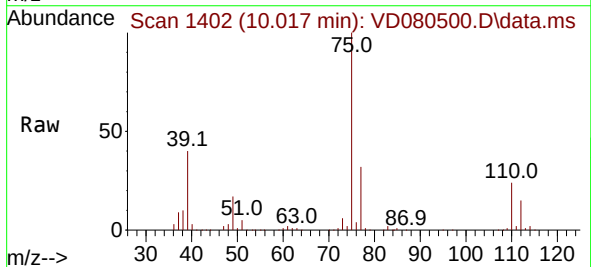
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

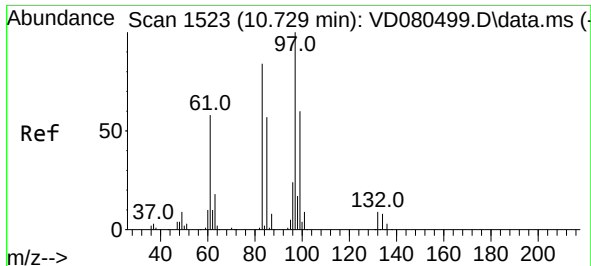
Tgt Ion: 75 Resp: 704715
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 97.395 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.000 min
 Lab File: VD080500.D
 Acq: 27 Aug 2025 11:56

Tgt Ion: 75 Resp: 832266
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.4
 39 39.8 31.8 47.6

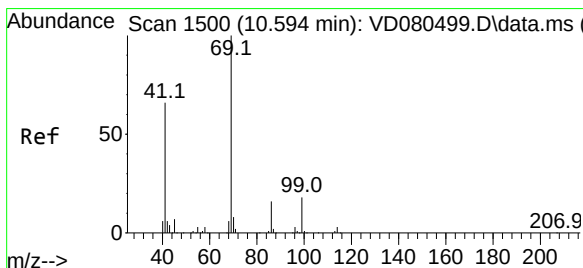
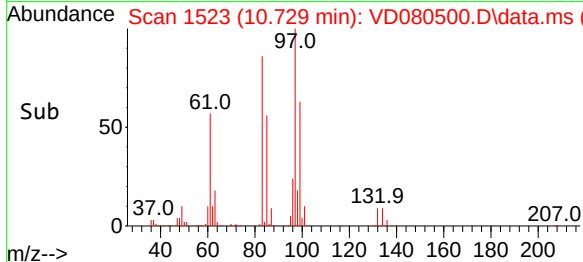
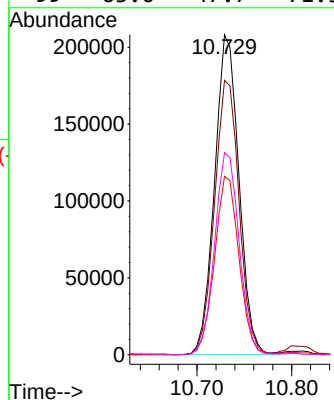
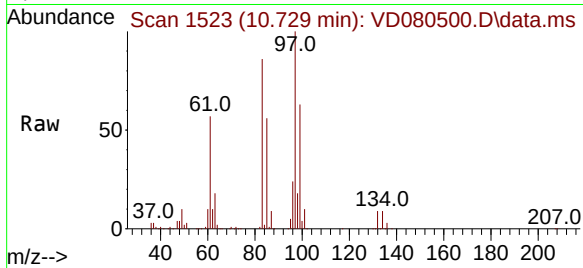




#55
1,1,2-Trichloroethane
Concen: 96.842 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

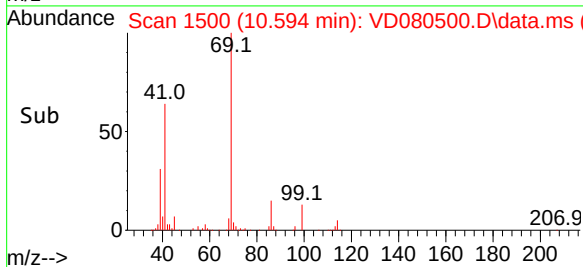
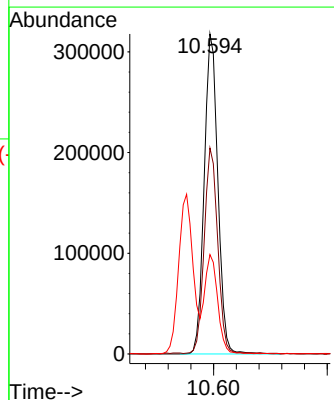
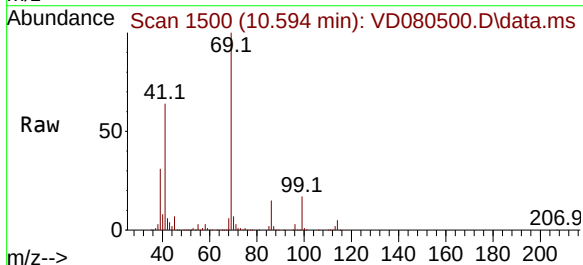
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

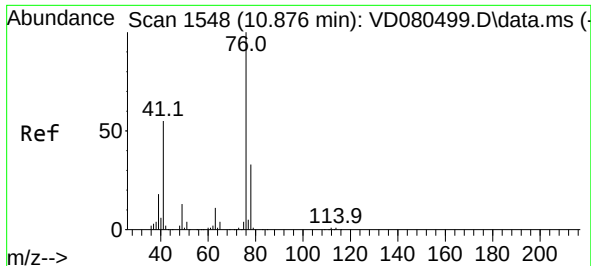
Tgt Ion:	97	Resp:	373432
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.0	100.6
85	55.7	45.6	68.4
99	63.0	47.7	71.5



#56
Ethyl methacrylate
Concen: 98.206 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion:	69	Resp:	527620
Ion	Ratio	Lower	Upper
69	100		
41	63.6	51.9	77.9
39	29.4	23.6	35.4





#57

1,3-Dichloropropane

Concen: 97.318 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. 0.000 min

Lab File: VD080500.D

Acq: 27 Aug 2025 11:56

Instrument :

MSVOA_D

ClientSampleId :

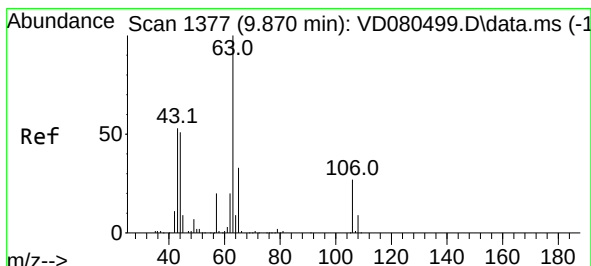
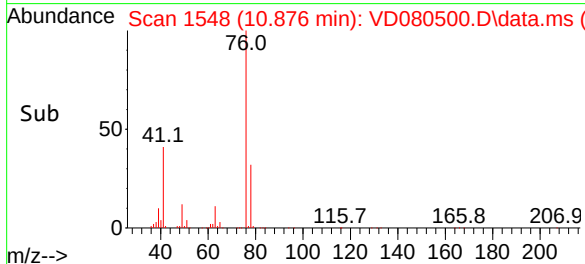
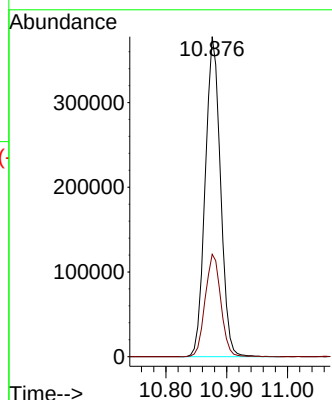
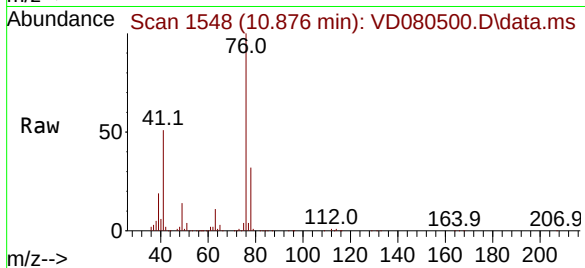
VSTDIC100

Tgt Ion: 76 Resp: 658609

Ion Ratio Lower Upper

76 100

78 32.8 26.9 40.3



#58

2-Chloroethyl Vinyl ether

Concen: 522.784 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VD080500.D

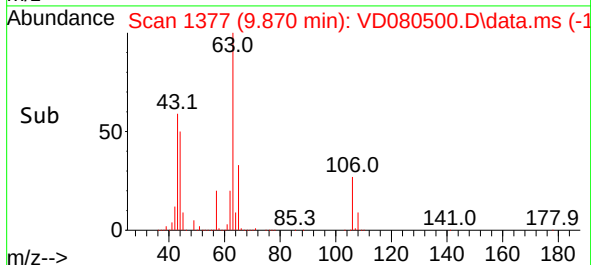
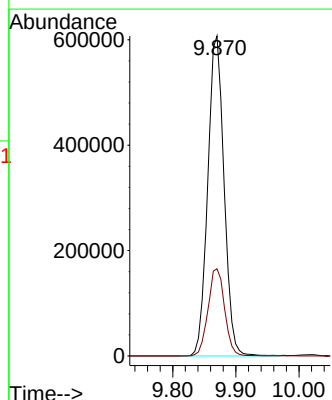
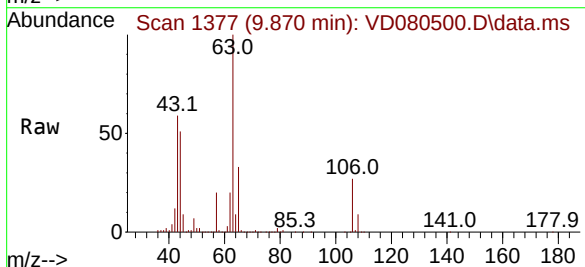
Acq: 27 Aug 2025 11:56

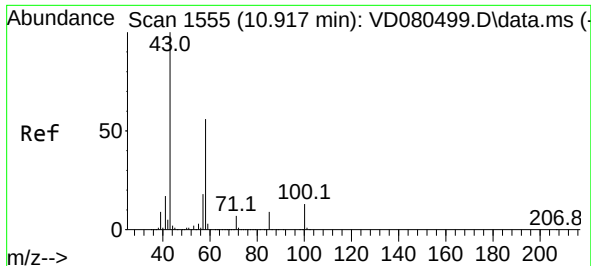
Tgt Ion: 63 Resp: 1086905

Ion Ratio Lower Upper

63 100

106 27.7 22.1 33.1

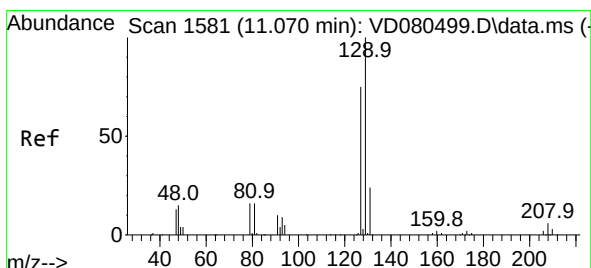
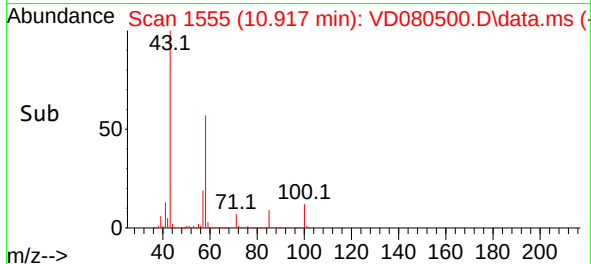
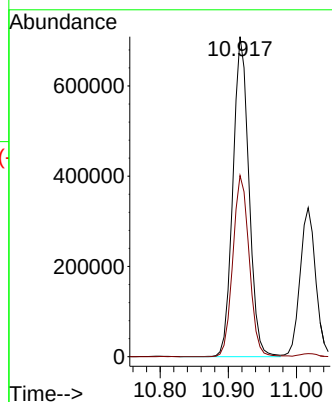
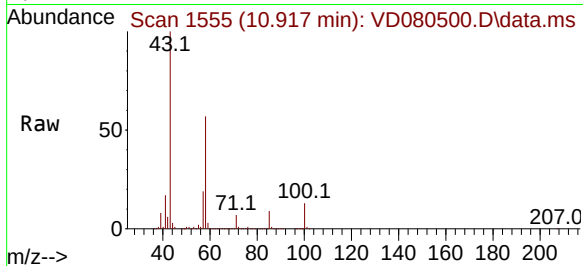




#59
2-Hexanone
Concen: 491.811 ug/l
RT: 10.917 min Scan# 1159709
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

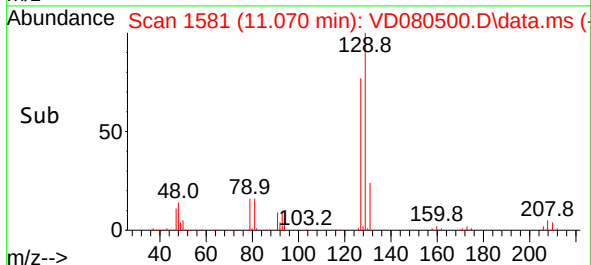
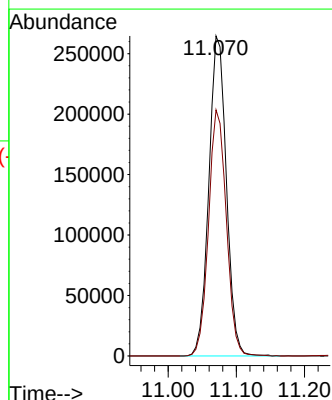
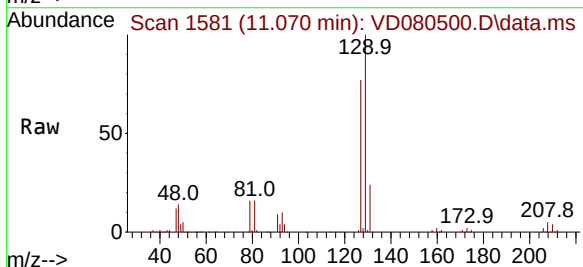
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

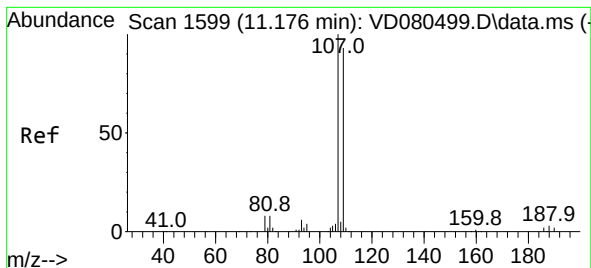
Tgt Ion: 43 Resp: 1159709
Ion Ratio Lower Upper
43 100
58 57.7 28.3 85.0



#60
Dibromochloromethane
Concen: 97.464 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion: 129 Resp: 473639
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.7

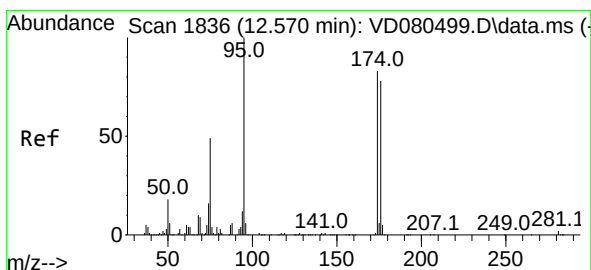
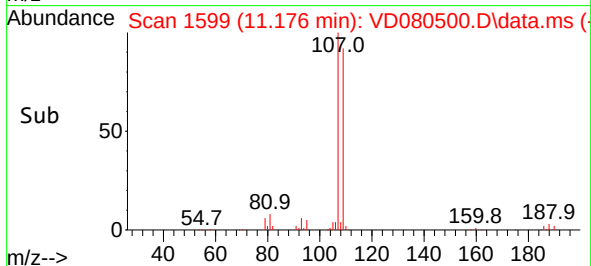
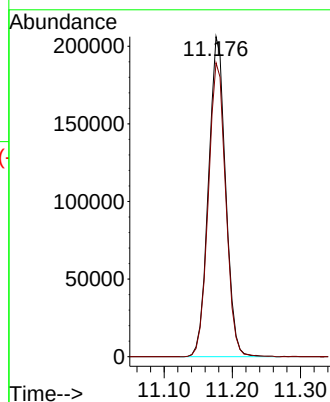
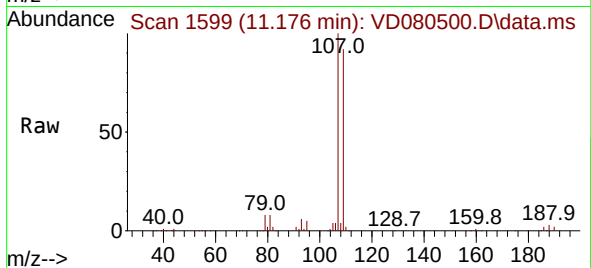




#61
1,2-Dibromoethane
Concen: 98.246 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

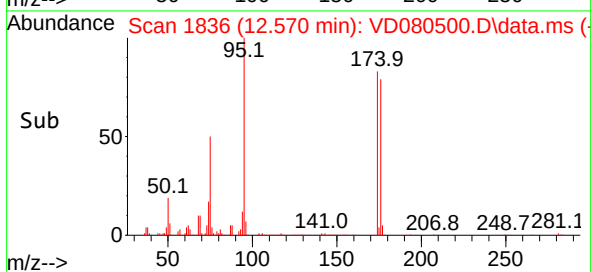
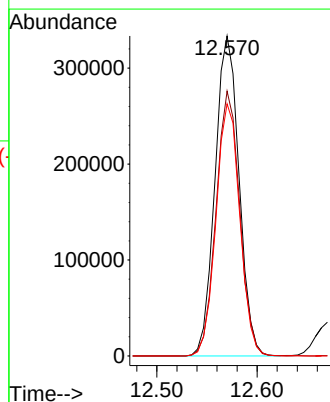
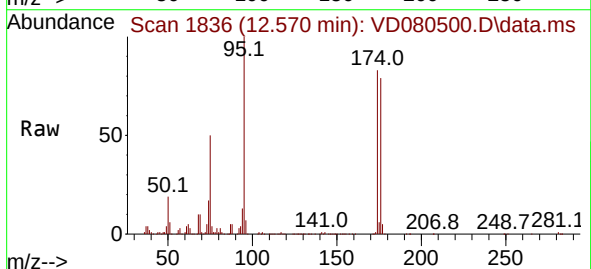
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

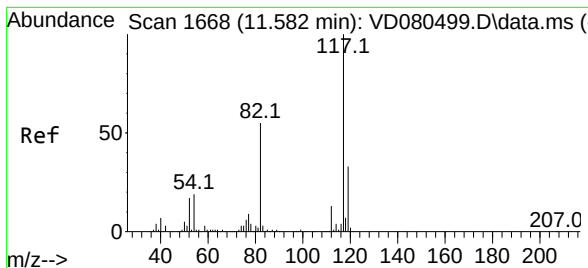
Tgt Ion:107 Resp: 360476
Ion Ratio Lower Upper
107 100
109 93.4 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 96.522 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion: 95 Resp: 553954
Ion Ratio Lower Upper
95 100
174 81.5 0.0 162.6
176 78.2 0.0 156.0

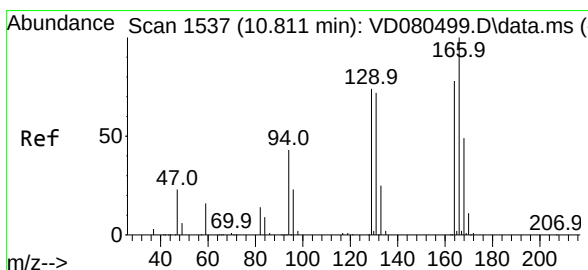
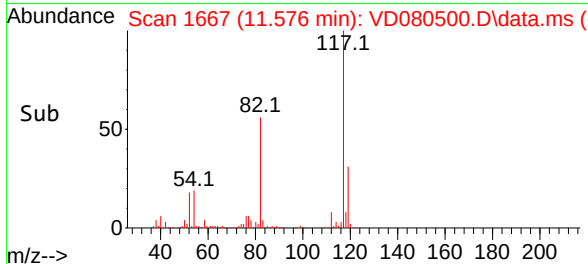
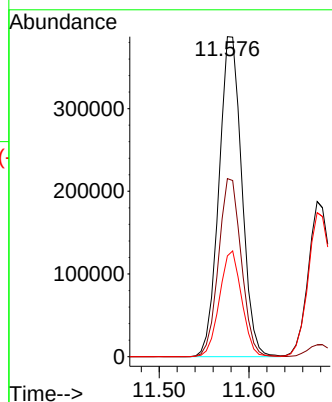
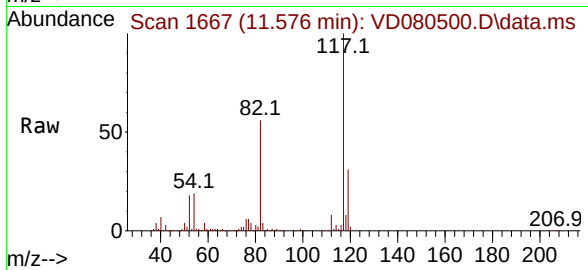




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.576 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

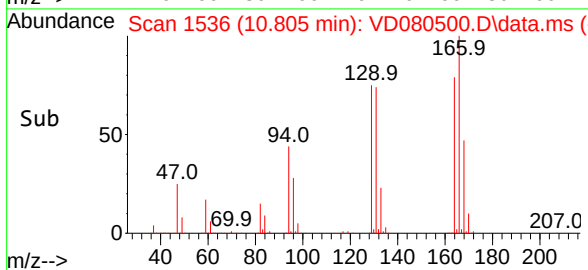
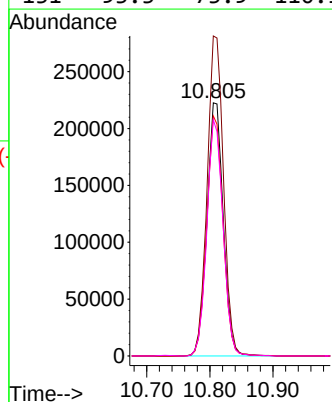
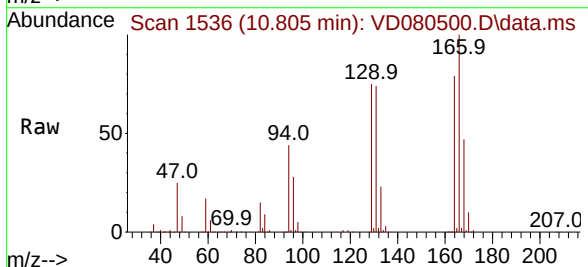
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

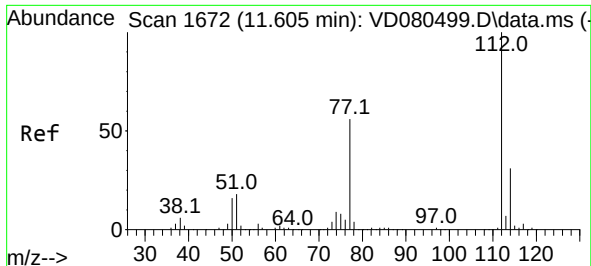
Tgt Ion:117 Resp: 684581
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.6
119 31.5 26.1 39.1



#64
Tetrachloroethene
Concen: 94.703 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. -0.006 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion:164 Resp: 400378
Ion Ratio Lower Upper
164 100
166 126.4 103.1 154.7
129 94.8 76.2 114.2
131 93.3 73.9 110.9

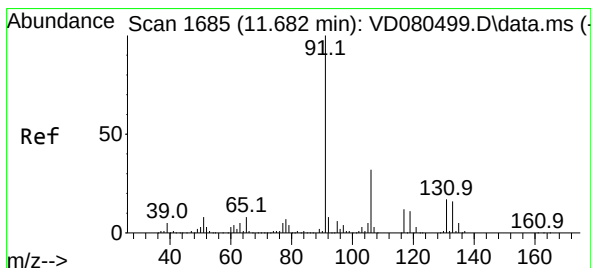
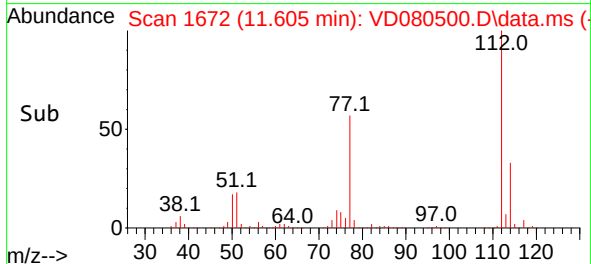
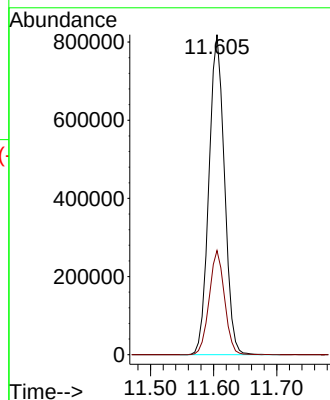
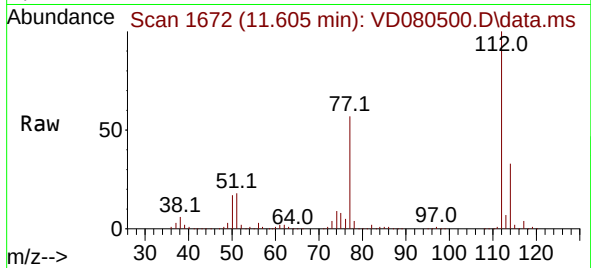




#65
Chlorobenzene
Concen: 95.691 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

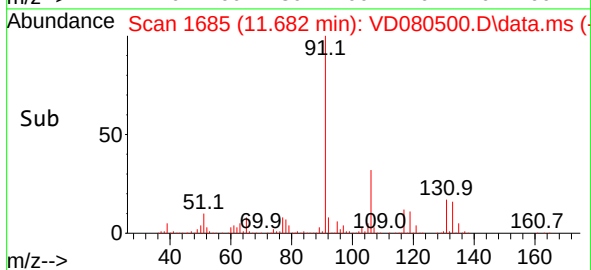
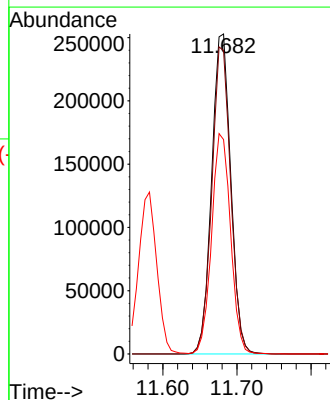
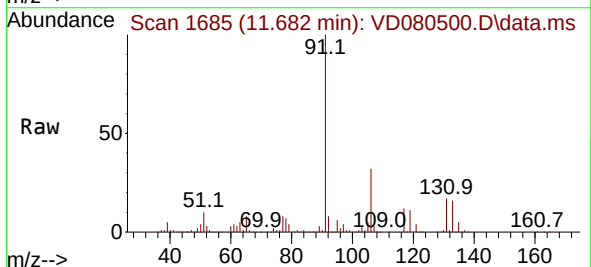
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

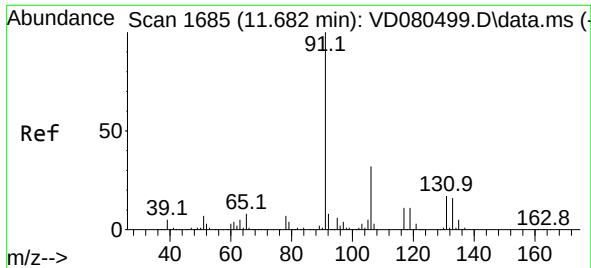
Tgt Ion:112 Resp: 1395954
Ion Ratio Lower Upper
112 100
114 32.6 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 97.091 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion:131 Resp: 451772
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.3
119 68.6 34.6 103.9

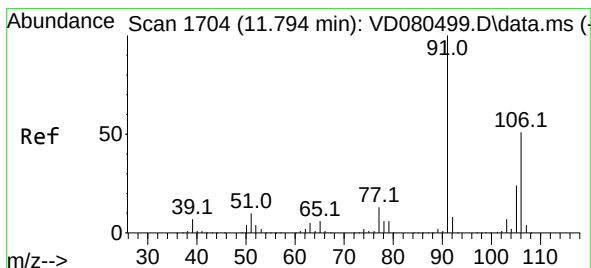
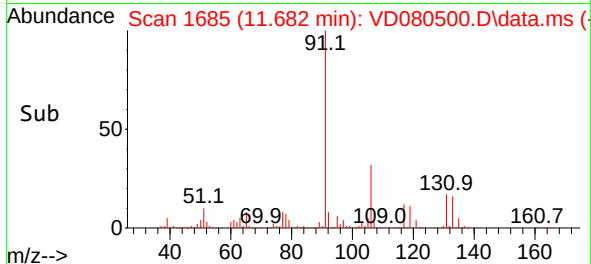
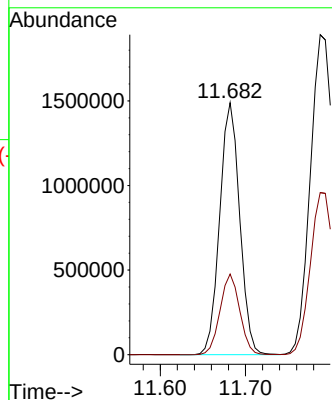
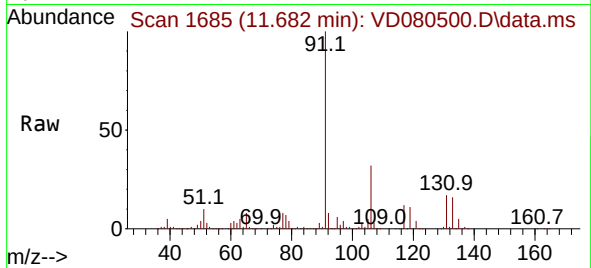




#67
Ethyl Benzene
Concen: 96.160 ug/l
RT: 11.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

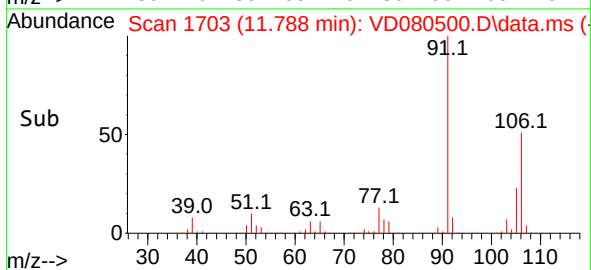
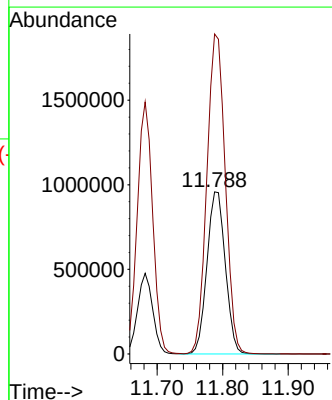
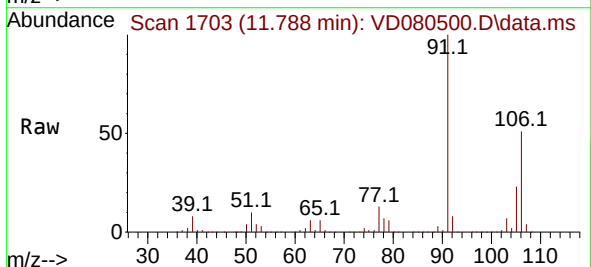
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

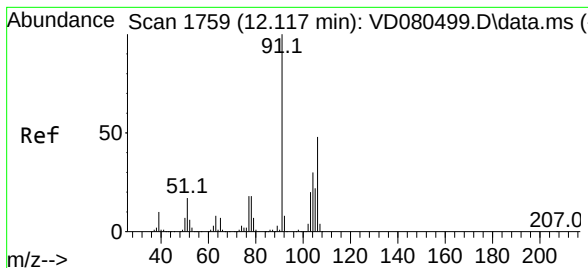
Tgt Ion: 91 Resp: 2428013
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.0



#68
m/p-Xylenes
Concen: 191.662 ug/l
RT: 11.788 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion:106 Resp: 1863385
Ion Ratio Lower Upper
106 100
91 197.5 158.5 237.7

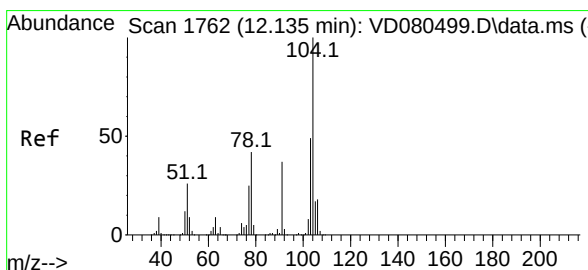
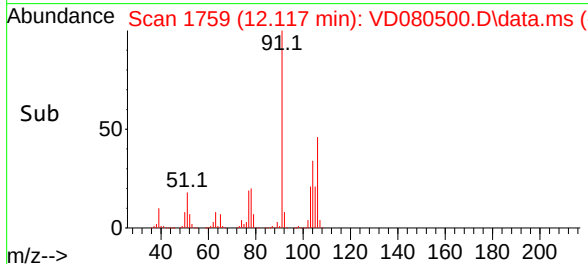
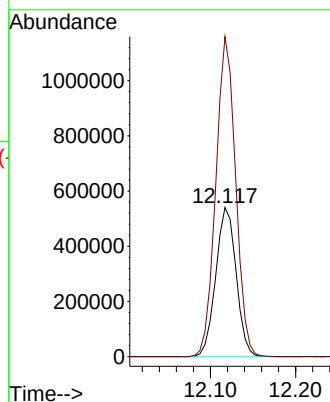
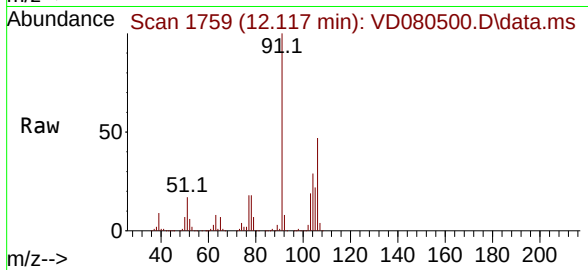




#69
o-Xylene
Concen: 96.840 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

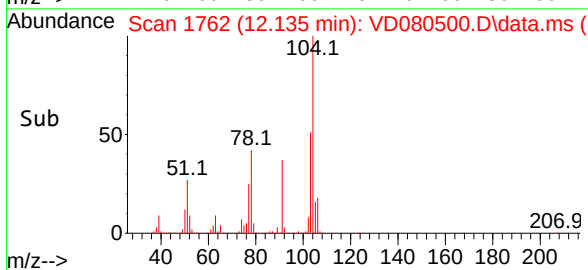
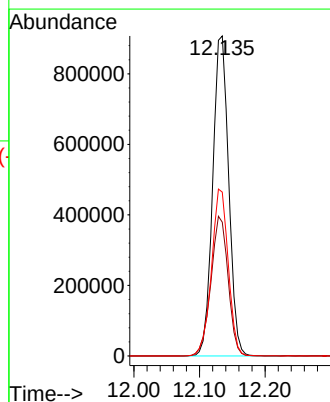
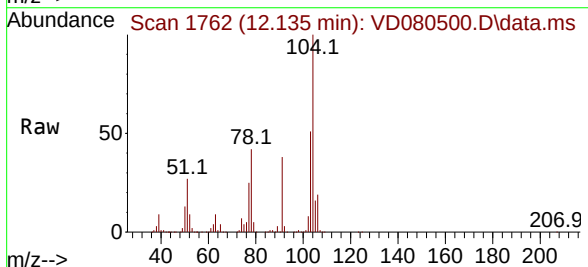
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

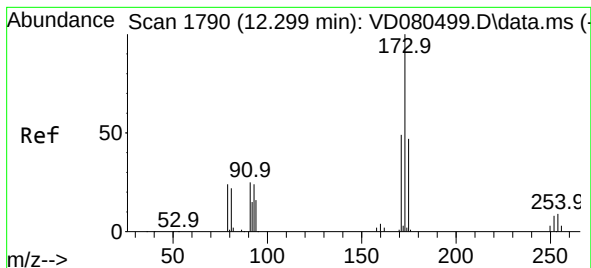
Tgt Ion:106 Resp: 898452
Ion Ratio Lower Upper
106 100
91 209.0 105.3 315.8



#70
Styrene
Concen: 97.232 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion:104 Resp: 1534637
Ion Ratio Lower Upper
104 100
78 47.0 37.9 56.9
103 54.7 43.5 65.3





#71

Bromoform

Concen: 97.722 ug/l

RT: 12.294 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD080500.D

Acq: 27 Aug 2025 11:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

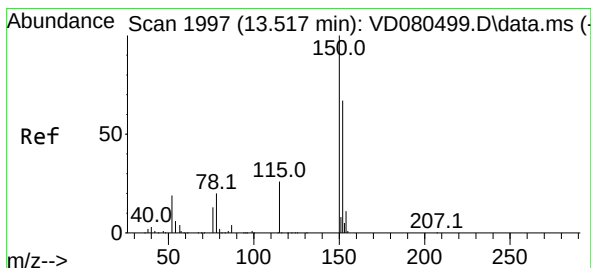
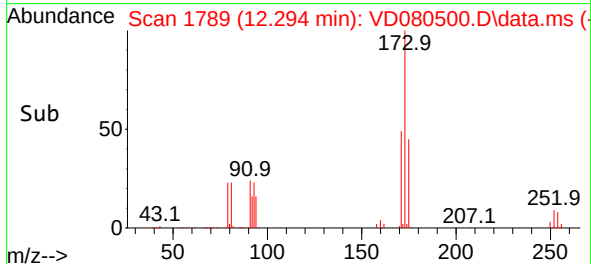
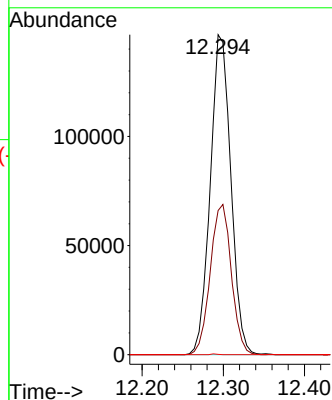
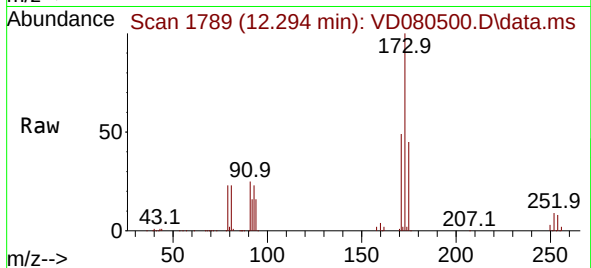
Tgt Ion:173 Resp: 258425

Ion Ratio Lower Upper

173 100

175 48.1 23.9 71.7

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.517 min Scan# 1997

Delta R.T. 0.000 min

Lab File: VD080500.D

Acq: 27 Aug 2025 11:56

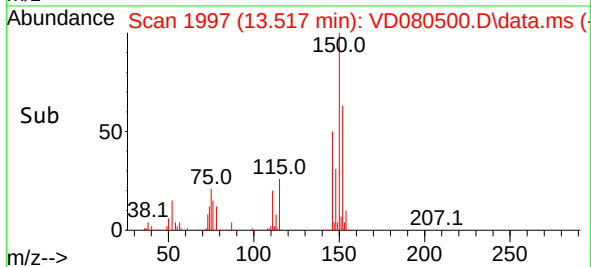
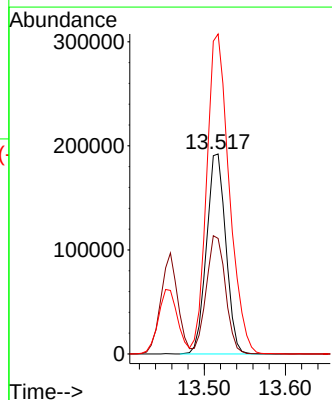
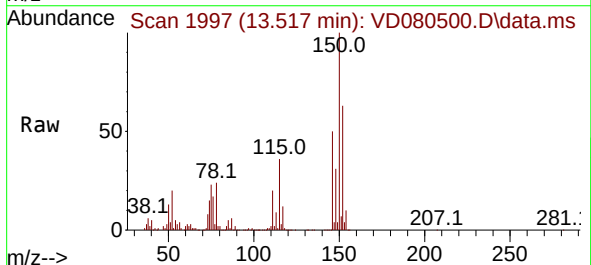
Tgt Ion:152 Resp: 317127

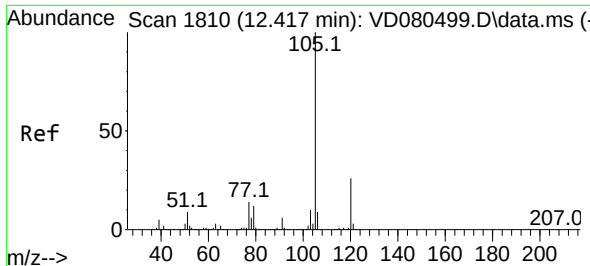
Ion Ratio Lower Upper

152 100

115 59.3 29.0 87.0

150 187.0 0.0 345.0

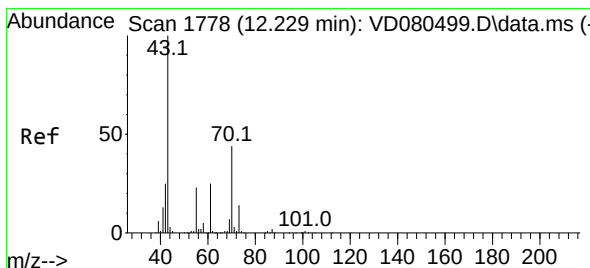
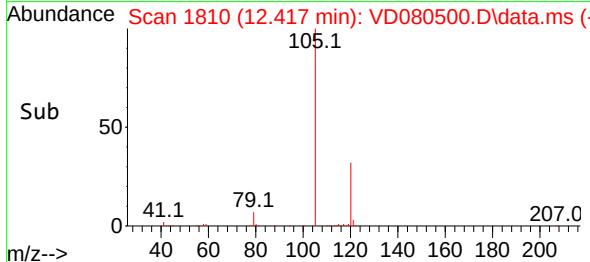
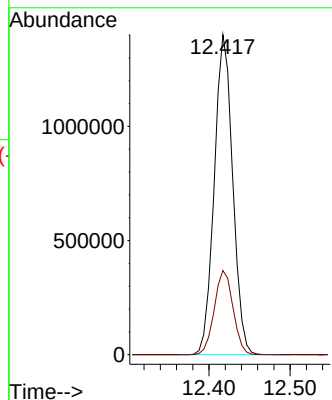
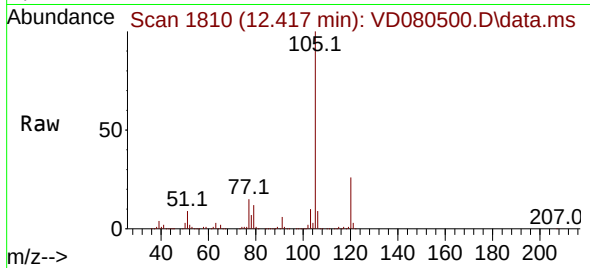




#73
Isopropylbenzene
Concen: 95.181 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

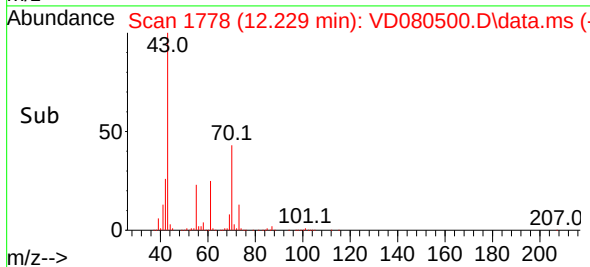
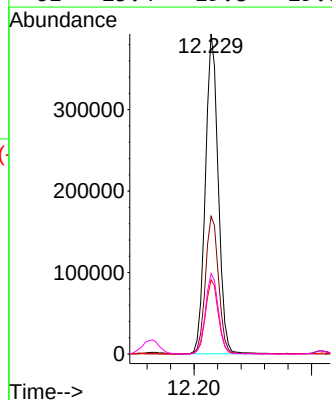
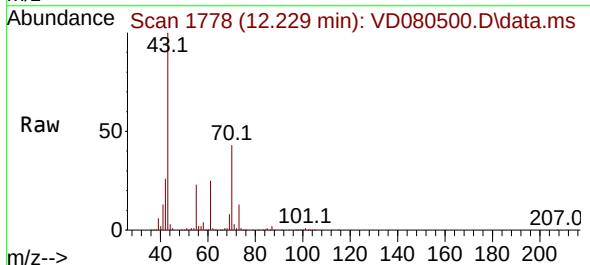
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

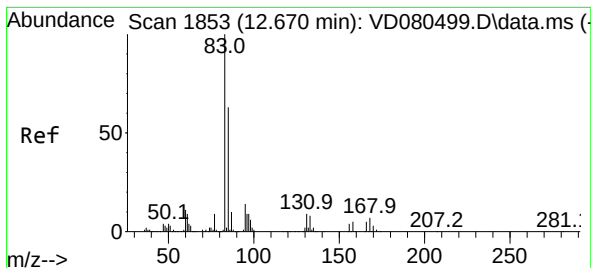
Tgt Ion:105 Resp: 2211512
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4



#74
N-ethyl acetate
Concen: 96.466 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion: 43 Resp: 594795
Ion Ratio Lower Upper
43 100
70 44.0 35.4 53.0
55 23.4 18.6 28.0
61 25.4 19.8 29.8

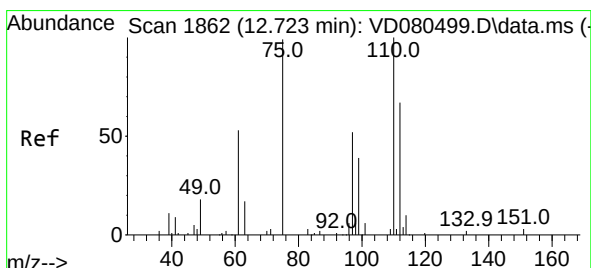
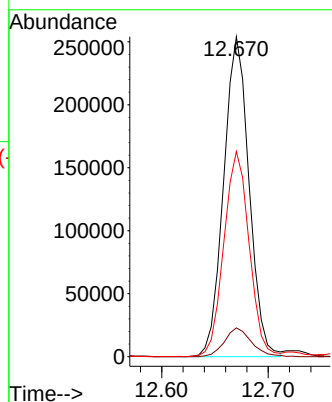
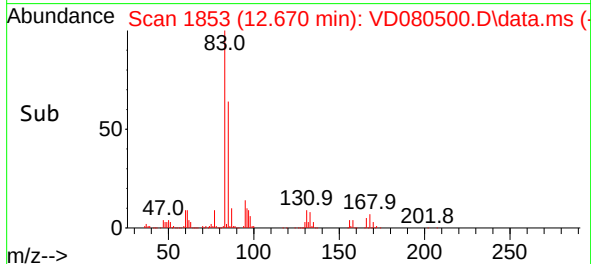
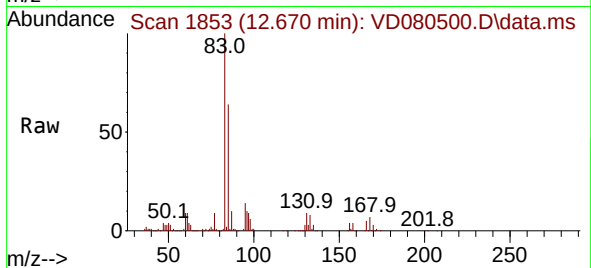




#75
 1,1,2,2-Tetrachloroethane
 Concen: 97.504 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VD080500.D
 Acq: 27 Aug 2025 11:56

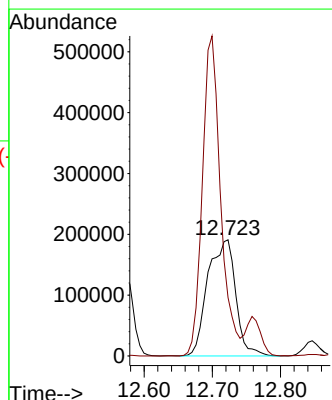
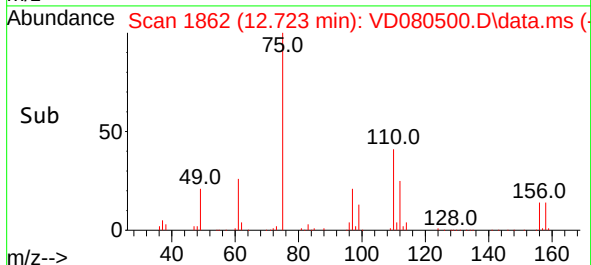
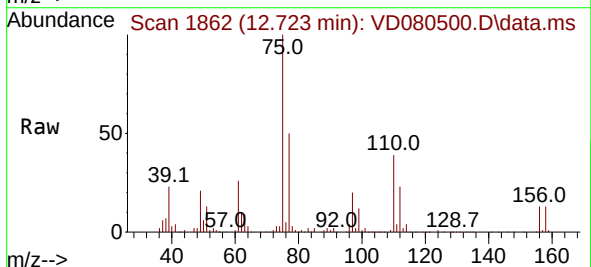
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

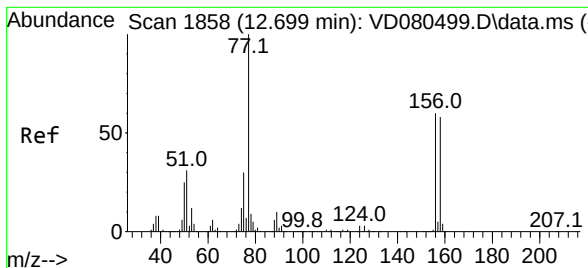
Tgt Ion: 83 Resp: 421201
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.0 15.0
 85 63.9 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 210.044 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VD080500.D
 Acq: 27 Aug 2025 11:56

Tgt Ion: 75 Resp: 543655
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 96.249 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VD080500.D

Acq: 27 Aug 2025 11:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

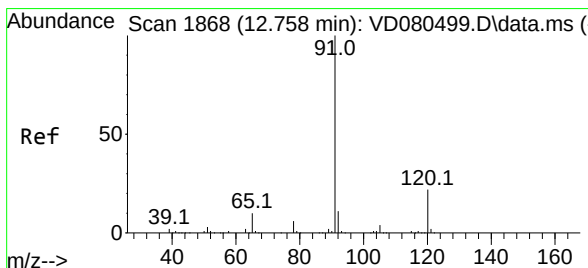
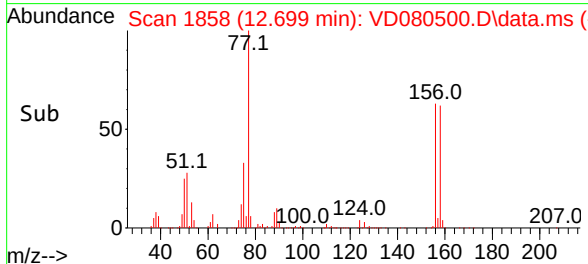
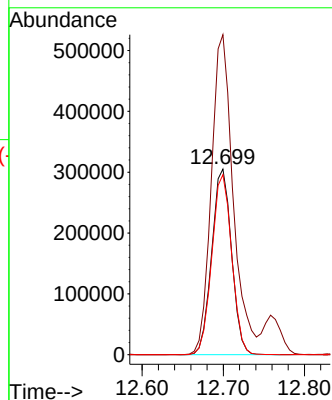
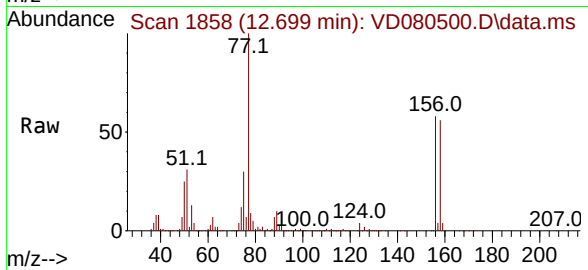
Tgt Ion:156 Resp: 517427

Ion Ratio Lower Upper

156 100

77 189.7 92.5 277.3

158 97.3 47.9 143.6



#78

n-propylbenzene

Concen: 94.453 ug/l

RT: 12.758 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD080500.D

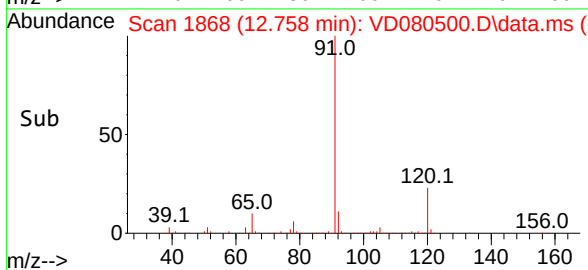
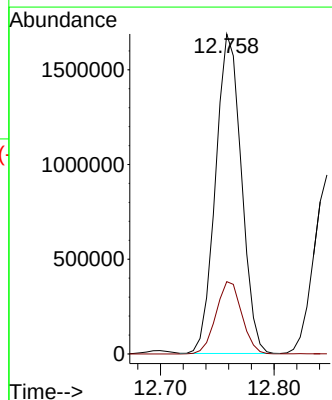
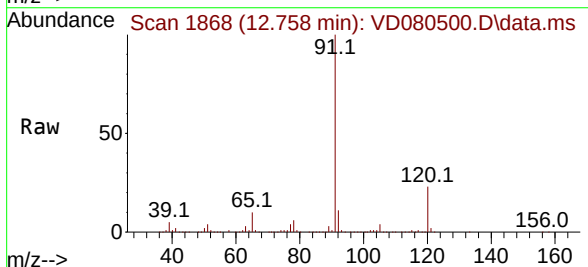
Acq: 27 Aug 2025 11:56

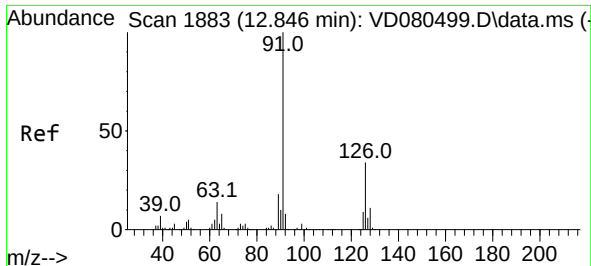
Tgt Ion: 91 Resp: 2664856

Ion Ratio Lower Upper

91 100

120 22.7 11.3 33.9

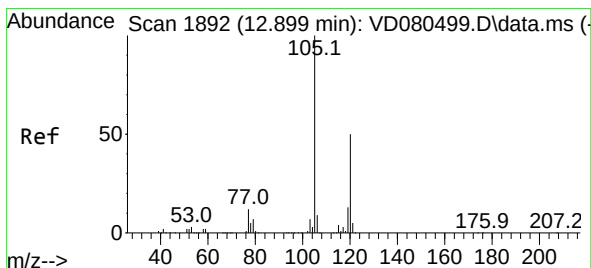
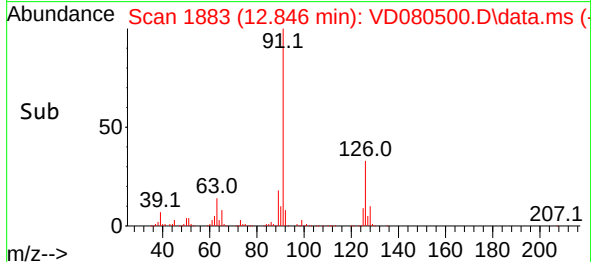
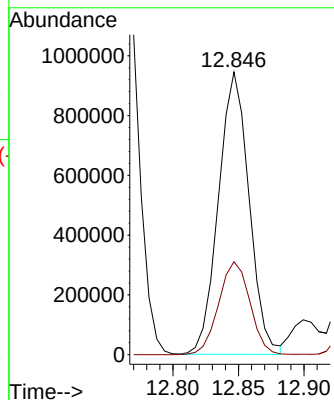
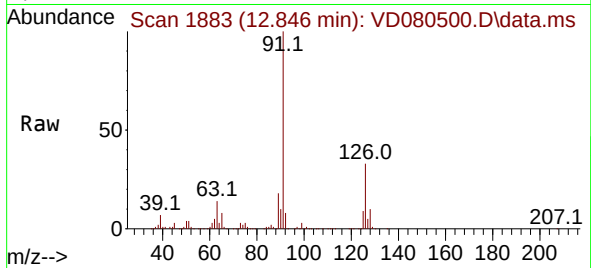




#79
2-Chlorotoluene
Concen: 95.320 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

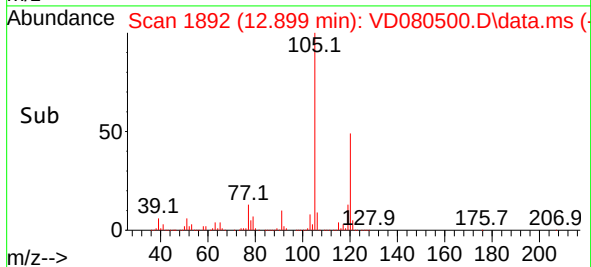
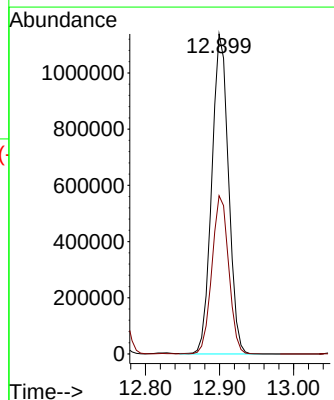
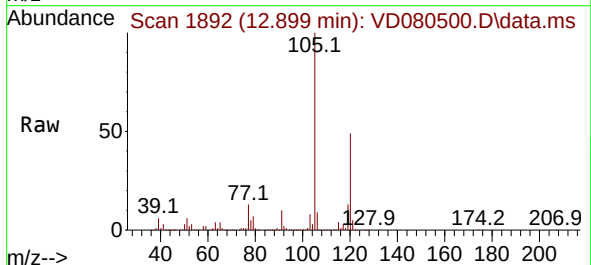
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

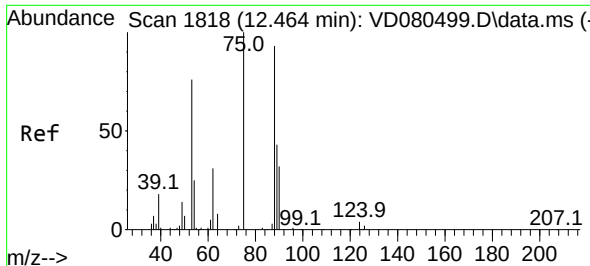
Tgt Ion: 91 Resp: 1532462
Ion Ratio Lower Upper
91 100
126 33.6 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 94.339 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion: 105 Resp: 1781159
Ion Ratio Lower Upper
105 100
120 49.7 24.7 74.1



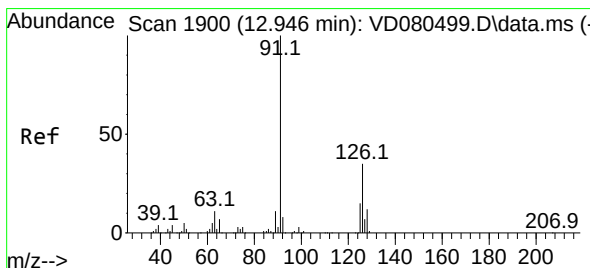
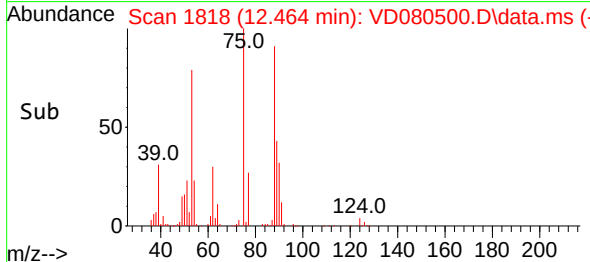
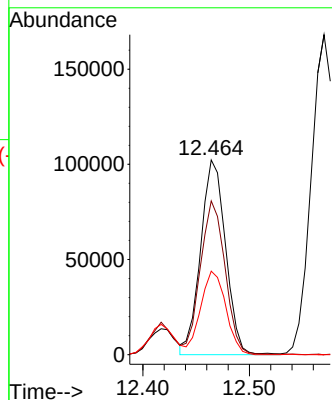
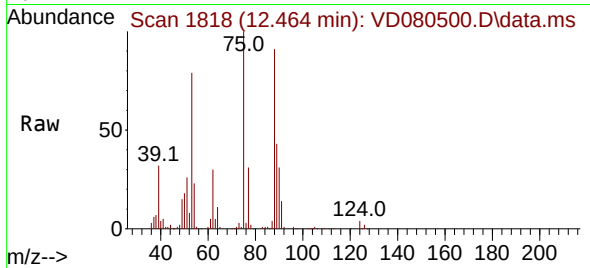


#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.058 ug/l
 RT: 12.464 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: VD080500.D
 Acq: 27 Aug 2025 11:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion: 75 Resp: 167218

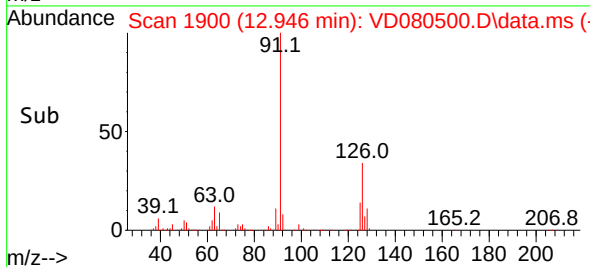
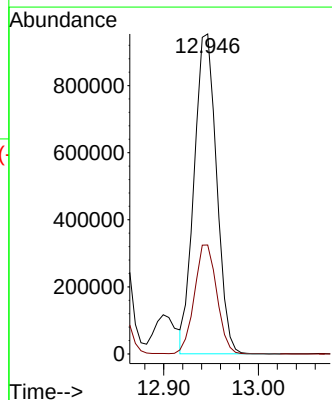
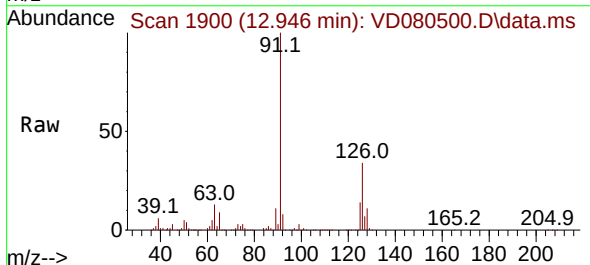
Ion	Ratio	Lower	Upper
75	100		
53	78.2	61.9	92.9
89	43.0	34.6	52.0

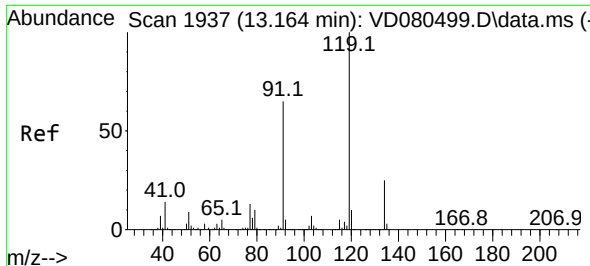


#82
 4-Chlorotoluene
 Concen: 94.922 ug/l
 RT: 12.946 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VD080500.D
 Acq: 27 Aug 2025 11:56

Tgt Ion: 91 Resp: 1569701

Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.9	50.7

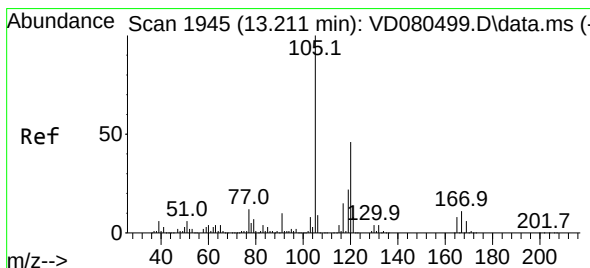
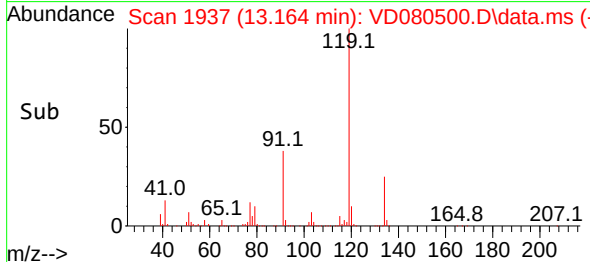
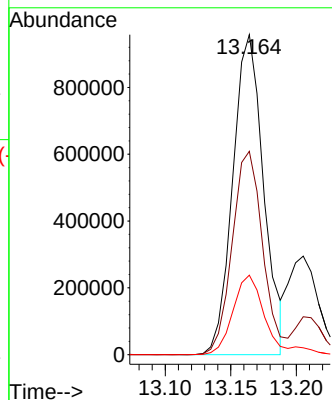
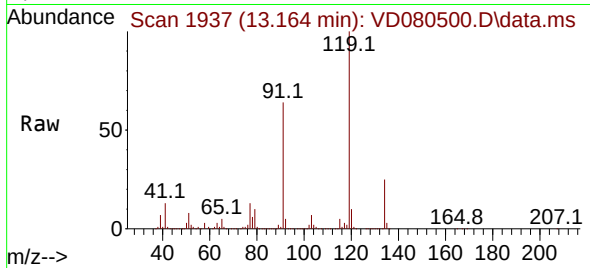




#83
 tert-Butylbenzene
 Concen: 95.530 ug/l
 RT: 13.164 min Scan# 1937
 Delta R.T. 0.000 min
 Lab File: VD080500.D
 Acq: 27 Aug 2025 11:56

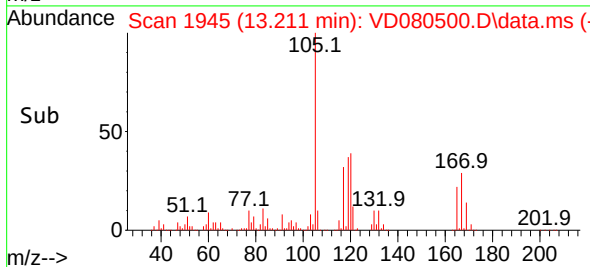
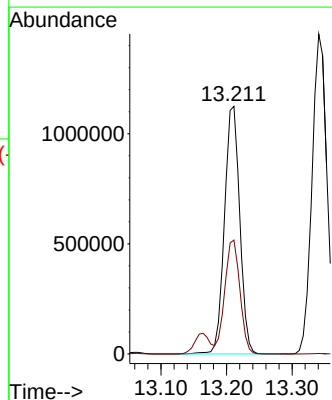
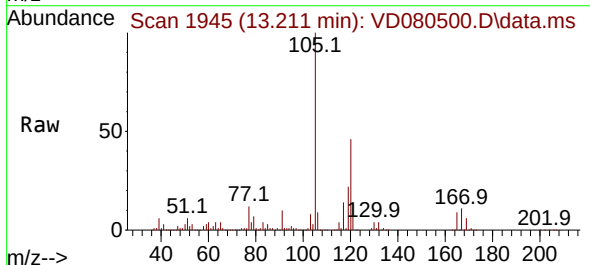
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

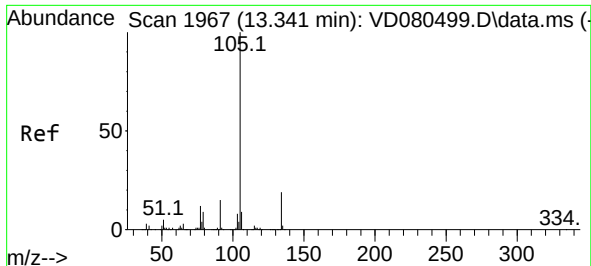
Tgt Ion:119 Resp: 1564885
 Ion Ratio Lower Upper
 119 100
 91 63.5 32.0 96.0
 134 26.3 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 95.553 ug/l
 RT: 13.211 min Scan# 1945
 Delta R.T. 0.000 min
 Lab File: VD080500.D
 Acq: 27 Aug 2025 11:56

Tgt Ion:105 Resp: 1816517
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.5 67.5

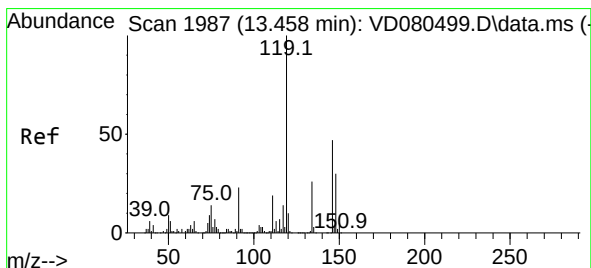
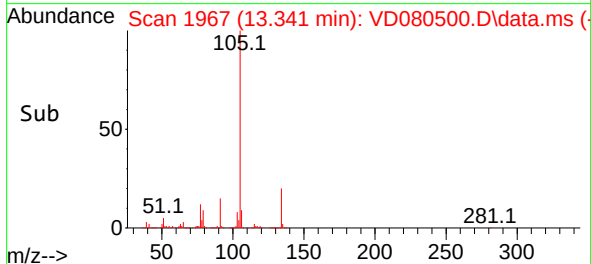
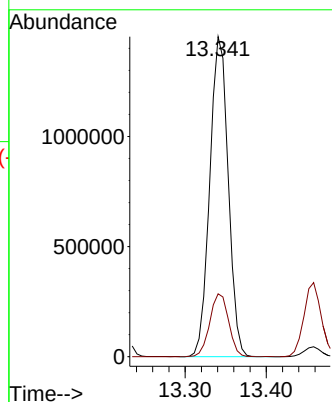
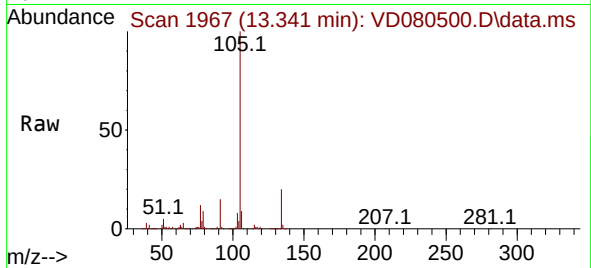




#85
 sec-Butylbenzene
 Concen: 93.717 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080500.D
 Acq: 27 Aug 2025 11:56

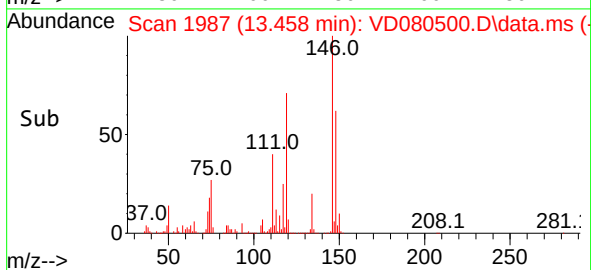
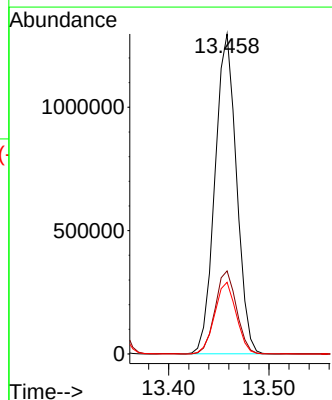
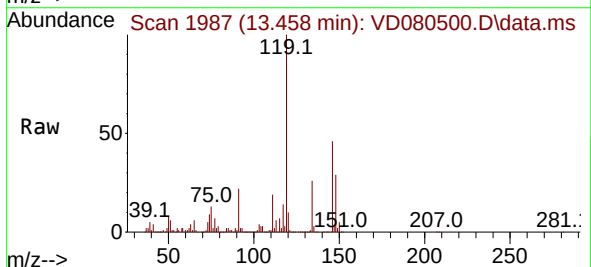
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

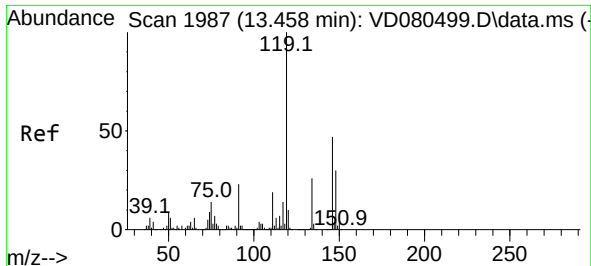
Tgt Ion:105 Resp: 2291255
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 94.653 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080500.D
 Acq: 27 Aug 2025 11:56

Tgt Ion:119 Resp: 1935781
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 22.4 11.2 33.5

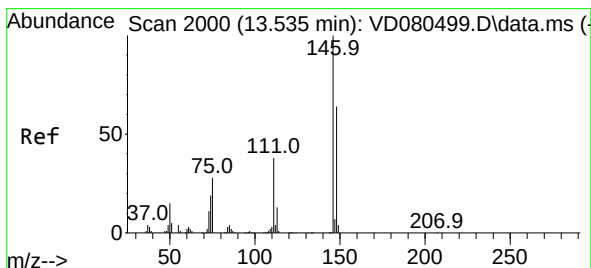
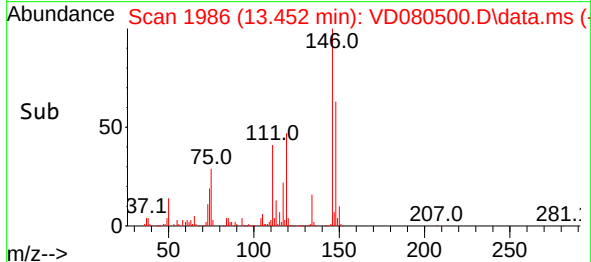
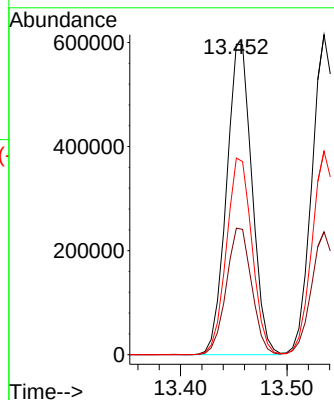
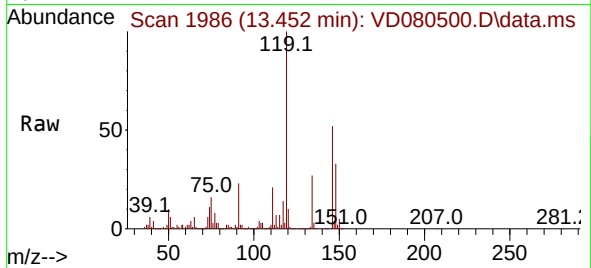




#87
1,3-Dichlorobenzene
Concen: 95.849 ug/l
RT: 13.452 min Scan# 1986
Delta R.T. -0.006 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

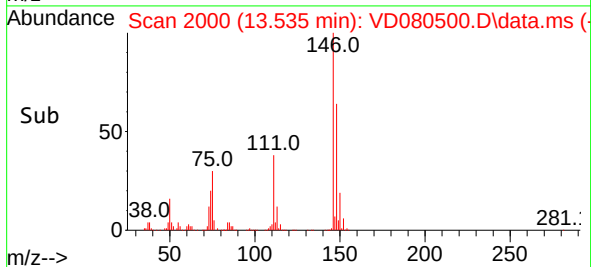
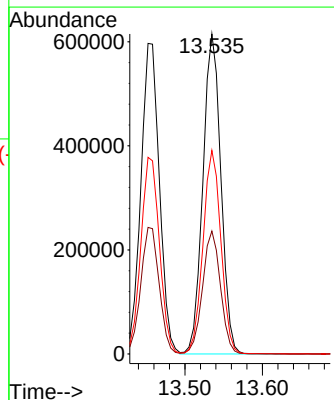
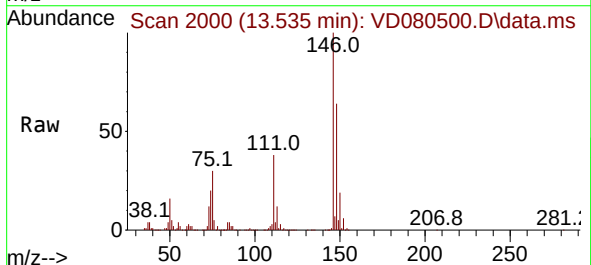
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

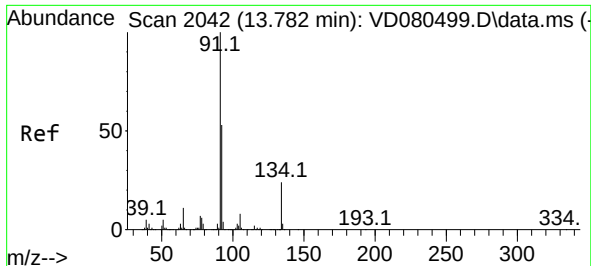
Tgt Ion:146 Resp: 993501
Ion Ratio Lower Upper
146 100
111 40.5 19.9 59.6
148 63.6 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 95.168 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion:146 Resp: 990525
Ion Ratio Lower Upper
146 100
111 38.2 19.4 58.1
148 63.4 32.1 96.5

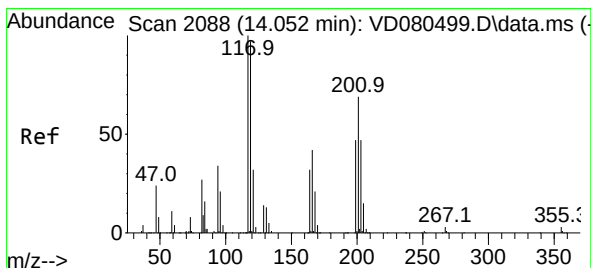
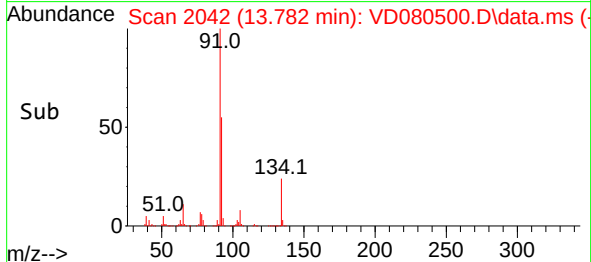
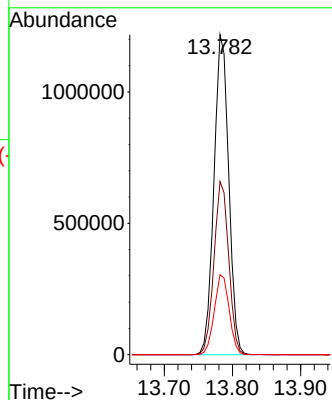
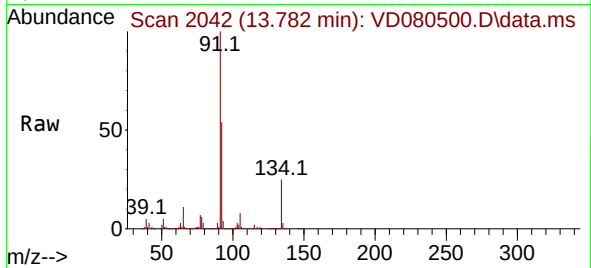




#89
n-Butylbenzene
Concen: 94.294 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

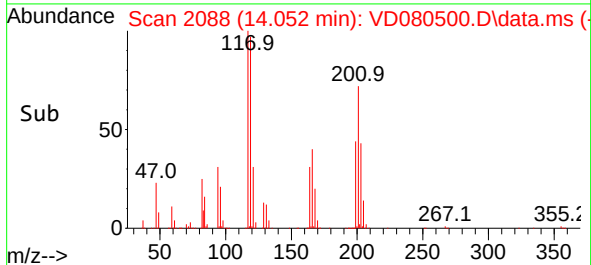
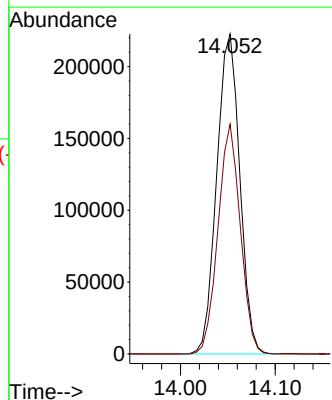
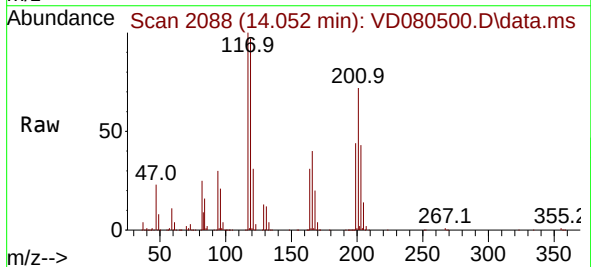
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

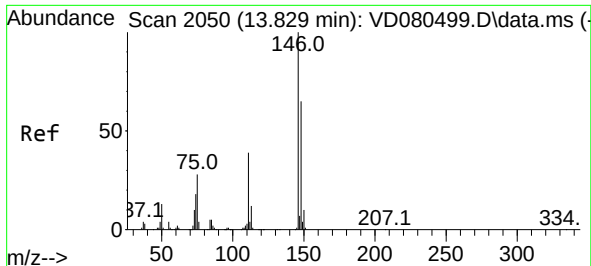
Tgt Ion: 91 Resp: 1837044
Ion Ratio Lower Upper
91 100
92 54.2 26.6 79.8
134 25.2 12.4 37.2



#90
Hexachloroethane
Concen: 95.415 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion: 117 Resp: 377444
Ion Ratio Lower Upper
117 100
201 69.4 34.6 103.8

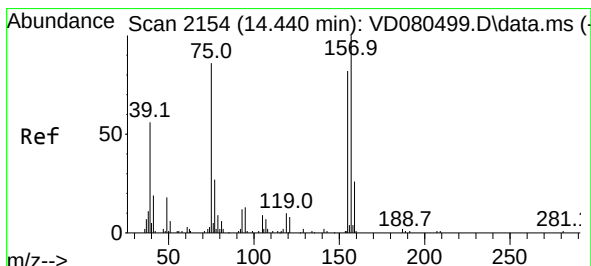
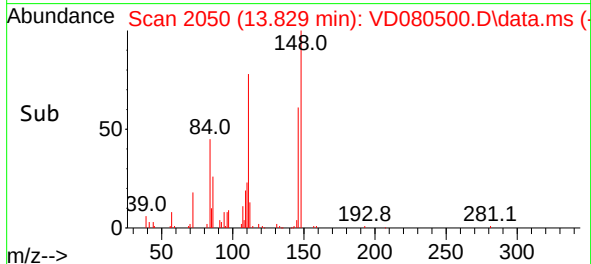
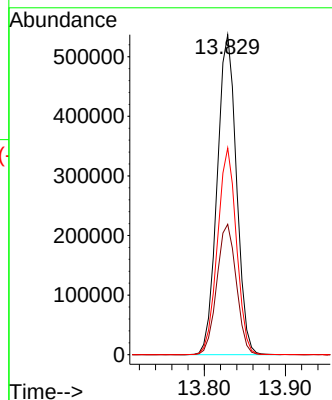
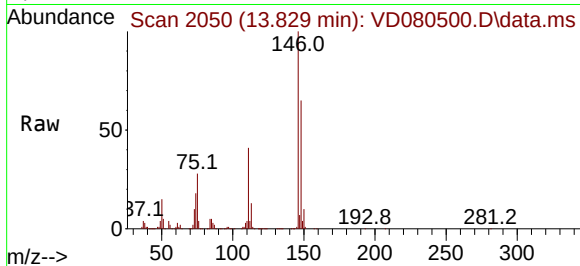




#91
 1,2-Dichlorobenzene
 Concen: 95.896 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VD080500.D
 Acq: 27 Aug 2025 11:56

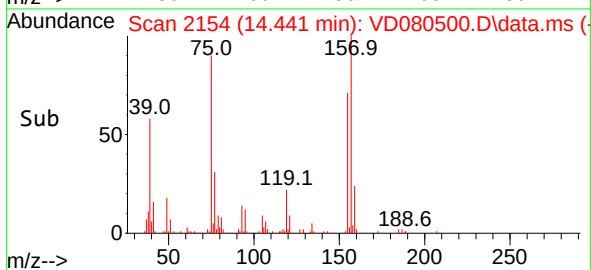
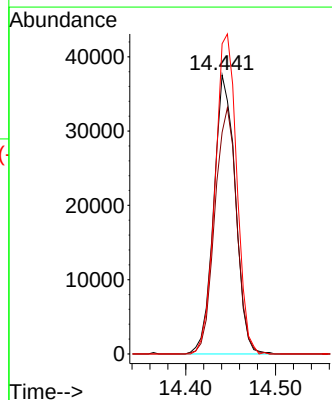
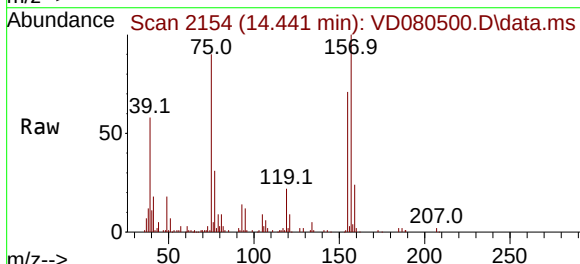
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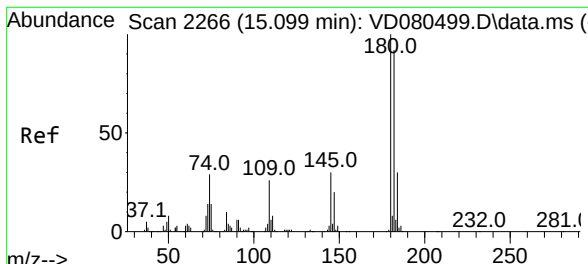
Tgt Ion:146 Resp: 884546
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.7 62.1
 148 63.6 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 96.585 ug/l
 RT: 14.441 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: VD080500.D
 Acq: 27 Aug 2025 11:56

Tgt Ion: 75 Resp: 62613
 Ion Ratio Lower Upper
 75 100
 155 89.7 47.5 142.6
 157 115.0 56.8 170.3

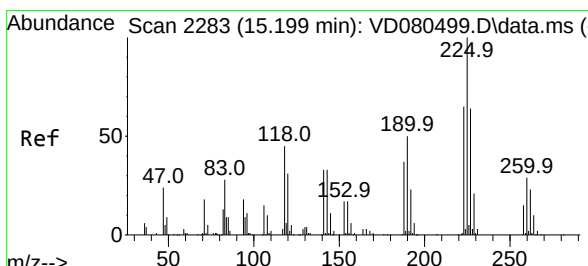
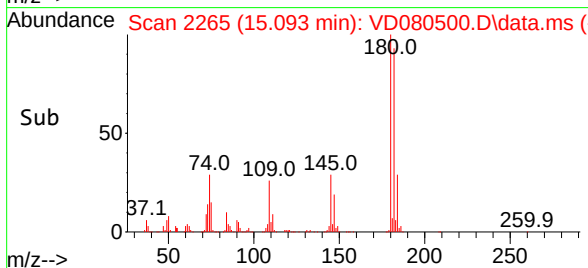
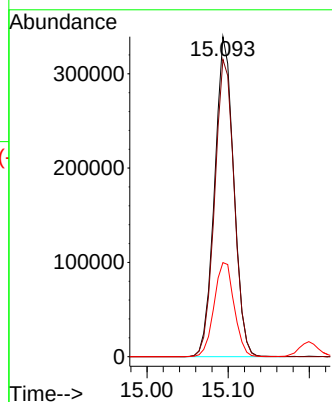
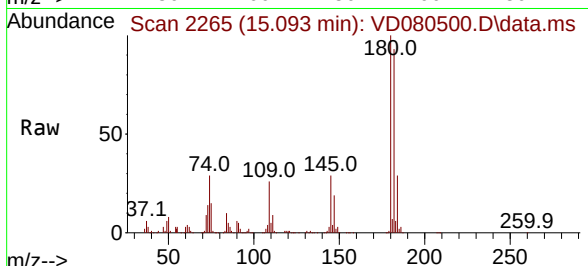




#93
 1,2,4-Trichlorobenzene
 Concen: 96.147 ug/l
 RT: 15.093 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD080500.D
 Acq: 27 Aug 2025 11:56

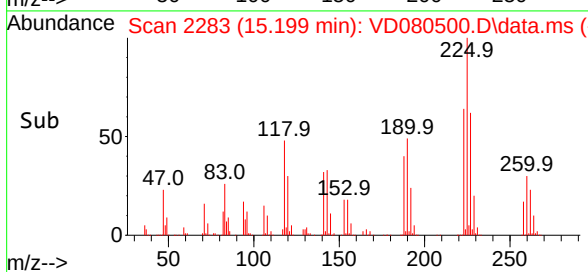
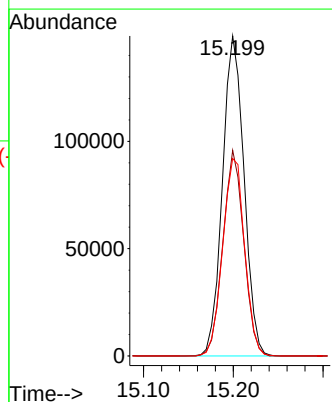
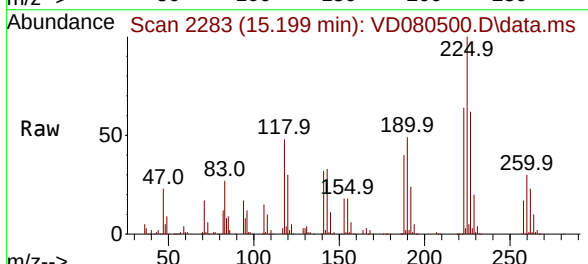
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

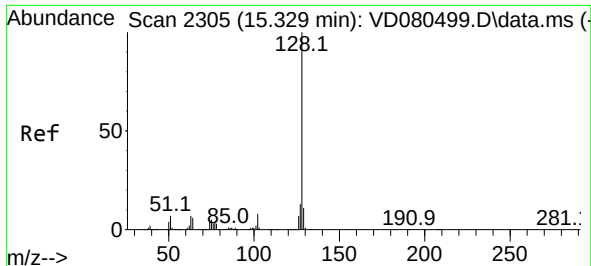
Tgt Ion:180 Resp: 555639
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.5 142.5
 145 30.9 15.7 47.0



#94
 Hexachlorobutadiene
 Concen: 94.688 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: VD080500.D
 Acq: 27 Aug 2025 11:56

Tgt Ion:225 Resp: 248714
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.9 95.7
 227 62.8 32.0 96.2

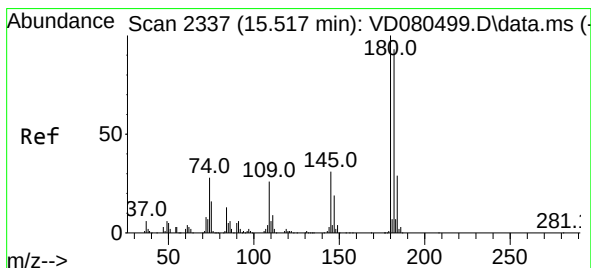
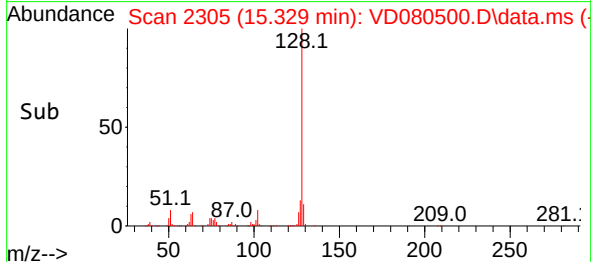
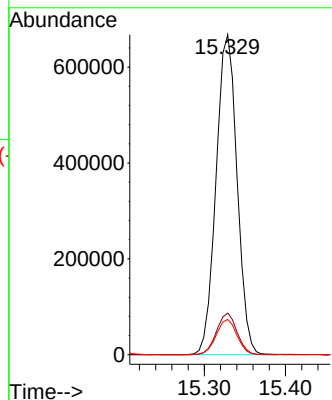
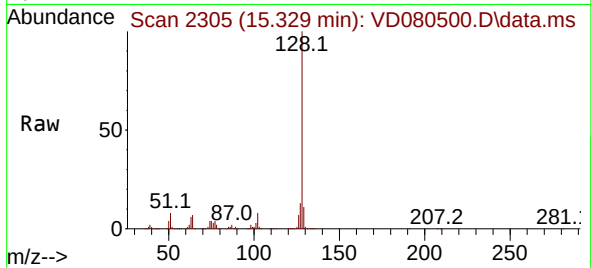




#95
Naphthalene
Concen: 97.681 ug/l
RT: 15.329 min Scan# 2305
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1200842
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.0 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 97.475 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD080500.D
Acq: 27 Aug 2025 11:56

Tgt Ion:180 Resp: 482227
Ion Ratio Lower Upper
180 100
182 94.1 47.5 142.5
145 32.7 16.2 48.5

