

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090425\
 Data File : VD080505.D
 Acq On : 04 Sep 2025 08:57
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 05 03:41:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 28 03:02:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	436149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	770614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	658522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	307009	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.229	65	214603	43.612	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.220%
35) Dibromofluoromethane	7.805	113	217211	46.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.800%
50) Toluene-d8	10.270	98	885724	47.706	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.420%
62) 4-Bromofluorobenzene	12.570	95	274907	46.964	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.920%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.935	85	165442	44.553	ug/l	99
3) Chloromethane	2.147	50	253683	43.278	ug/l	98
4) Vinyl Chloride	2.288	62	292133	48.290	ug/l	98
5) Bromomethane	2.694	94	182935	53.808	ug/l	99
6) Chloroethane	2.841	64	189636	48.025	ug/l	100
7) Trichlorofluoromethane	3.176	101	347615	49.337	ug/l	97
8) Diethyl Ether	3.594	74	122880	44.011	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.970	101	220984	48.336	ug/l	98
10) Methyl Iodide	4.165	142	277710	52.617	ug/l	99
11) Tert butyl alcohol	5.047	59	77939	218.872	ug/l	100
12) 1,1-Dichloroethene	3.941	96	230658	48.429	ug/l	96
13) Acrolein	3.800	56	52988	140.009	ug/l	99
14) Allyl chloride	4.559	41	385558	46.648	ug/l	98
15) Acrylonitrile	5.253	53	278723	224.163	ug/l	99
16) Acetone	4.017	43	323254	280.606	ug/l	97
17) Carbon Disulfide	4.270	76	746104	46.326	ug/l	100
18) Methyl Acetate	4.559	43	140423	43.315	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	587275	46.987	ug/l	98
20) Methylene Chloride	4.806	84	271746	42.942	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	258286	47.370	ug/l	96
22) Diisopropyl ether	6.217	45	792896	46.608	ug/l	99
23) Vinyl Acetate	6.153	43	2263966	233.865	ug/l	99
24) 1,1-Dichloroethane	6.111	63	465974	47.319	ug/l	98
25) 2-Butanone	7.082	43	399672	245.020	ug/l	99
26) 2,2-Dichloropropane	7.076	77	387486	49.697	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	309106	47.501	ug/l	99
28) Bromochloromethane	7.429	49	177473	44.223	ug/l	97
29) Tetrahydrofuran	7.447	42	230819	223.929	ug/l	99
30) Chloroform	7.600	83	456199	48.449	ug/l	100
31) Cyclohexane	7.876	56	422773	45.866	ug/l	97
32) 1,1,1-Trichloroethane	7.794	97	391064	49.879	ug/l	100
36) 1,1-Dichloropropene	8.005	75	333593	49.400	ug/l	100
37) Ethyl Acetate	7.164	43	156932	48.327	ug/l	98
38) Carbon Tetrachloride	7.994	117	333989	51.965	ug/l	96
39) Methylcyclohexane	9.276	83	449863	50.049	ug/l	96
40) Benzene	8.253	78	1037697	48.284	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	96893	50.257	ug/l	94
42) 1,2-Dichloroethane	8.323	62	260200	49.984	ug/l	99
43) Isopropyl Acetate	8.358	43	310834	47.046	ug/l	100
44) Trichloroethene	9.029	130	262174	50.282	ug/l	99
45) 1,2-Dichloropropane	9.305	63	258122	48.428	ug/l	100
46) Dibromomethane	9.394	93	137887	48.288	ug/l	97
47) Bromodichloromethane	9.582	83	351911	50.552	ug/l	98
48) Methyl methacrylate	9.382	41	151018	46.108	ug/l	97
49) 1,4-Dioxane	9.382	88	33140	938.748	ug/l	99
51) 4-Methyl-2-Pentanone	10.158	43	776102	235.536	ug/l	99
52) Toluene	10.329	92	662437	49.425	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	346760	48.877	ug/l	98
54) cis-1,3-Dichloropropene	10.017	75	414265	48.827	ug/l	98
55) 1,1,2-Trichloroethane	10.729	97	182624	47.700	ug/l	98
56) Ethyl methacrylate	10.594	69	256519	48.089	ug/l	99
57) 1,3-Dichloropropane	10.876	76	323142	48.092	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.870	63	492446	238.561	ug/l	100
59) 2-Hexanone	10.917	43	579109	247.355	ug/l	99
60) Dibromochloromethane	11.070	129	237404	49.203	ug/l	98
61) 1,2-Dibromoethane	11.176	107	176293	48.393	ug/l	100
64) Tetrachloroethene	10.811	164	212476	52.247	ug/l	99
65) Chlorobenzene	11.605	112	712661	50.785	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.682	131	231585	51.740	ug/l	100
67) Ethyl Benzene	11.682	91	1250539	51.487	ug/l	99
68) m/p-Xylenes	11.794	106	965878	103.279	ug/l	100
69) o-Xylene	12.117	106	455323	51.019	ug/l	99
70) Styrene	12.135	104	778402	51.270	ug/l	100
71) Bromoform	12.299	173	129810	51.029	ug/l #	98
73) Isopropylbenzene	12.417	105	1164174	51.756	ug/l	99
74) N-amyl acetate	12.229	43	293255	49.129	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	203216	48.593	ug/l	100
76) 1,2,3-Trichloropropane	12.717	75	124544m	49.705	ug/l	
77) Bromobenzene	12.699	156	266861	51.276	ug/l	99
78) n-propylbenzene	12.758	91	1412193	51.703	ug/l	100
79) 2-Chlorotoluene	12.846	91	790609	50.797	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	940037	51.430	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.464	75	79042	47.879	ug/l	97
82) 4-Chlorotoluene	12.946	91	819903	51.215	ug/l	99
83) tert-Butylbenzene	13.164	119	824598	51.997	ug/l	100
84) 1,2,4-Trimethylbenzene	13.211	105	946802	51.445	ug/l	99
85) sec-Butylbenzene	13.340	105	1227110	51.845	ug/l	99
86) p-Isopropyltoluene	13.458	119	1026038	51.823	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	521552	51.976	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	516243	51.234	ug/l	99
89) n-Butylbenzene	13.782	91	979202	51.918	ug/l	98
90) Hexachloroethane	14.052	117	197227	51.501	ug/l	99
91) 1,2-Dichlorobenzene	13.829	146	452611	50.686	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.446	75	30526	48.641	ug/l	97
93) 1,2,4-Trichlorobenzene	15.099	180	292533	52.288	ug/l	99
94) Hexachlorobutadiene	15.199	225	136473	53.669	ug/l	99
95) Naphthalene	15.329	128	588122	49.416	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	247378	51.652	ug/l	99

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Aug 28 03:02:37 2025
Response via : Initial Calibration

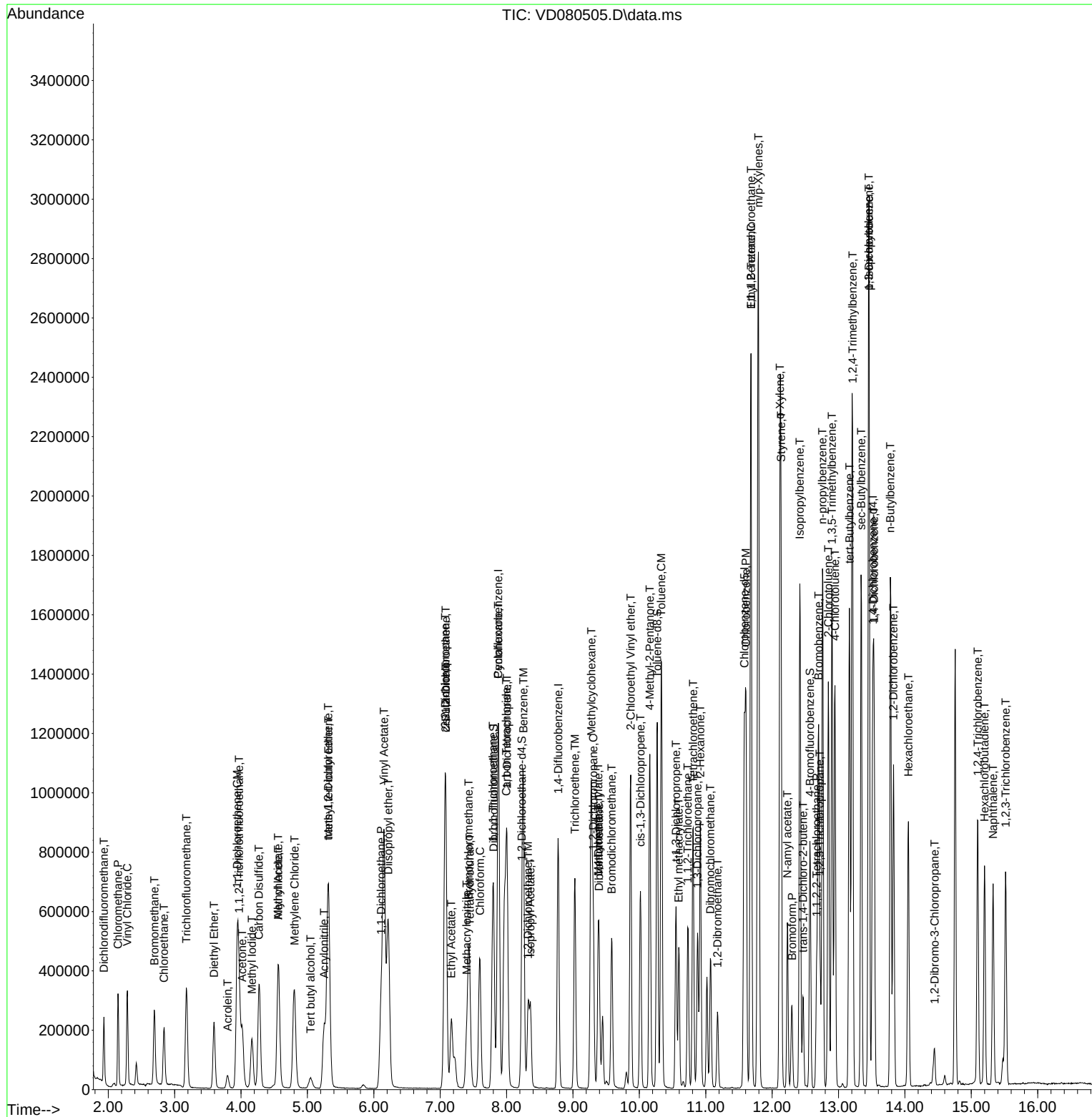
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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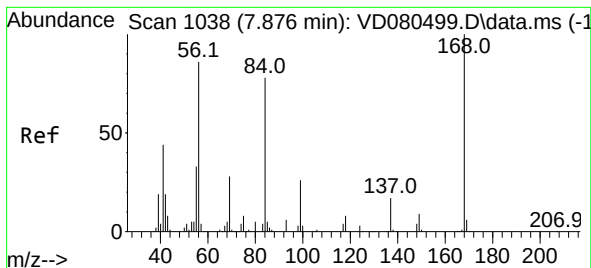
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080425\
 Data File : VD080505.D
 Acq On : 04 Sep 2025 08:57
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 05 03:41:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 28 03:02:37 2025
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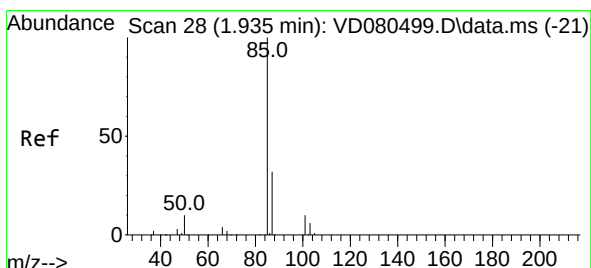
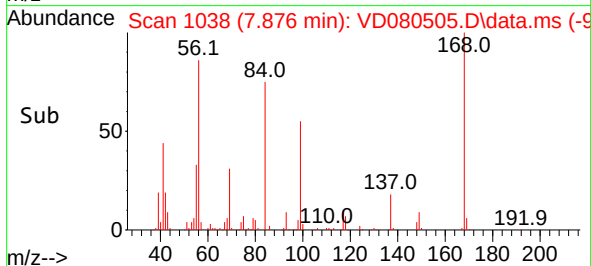
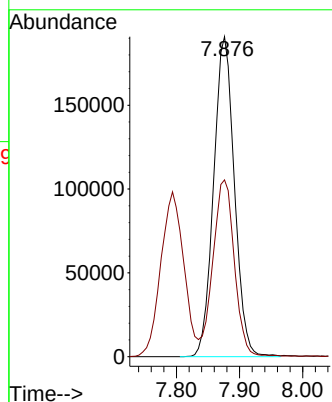
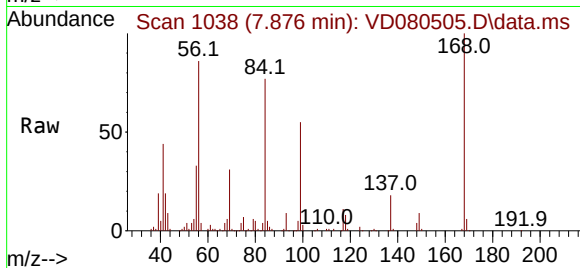




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

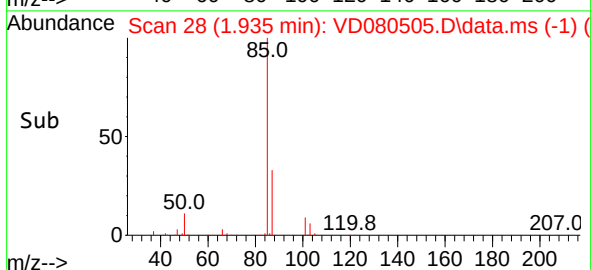
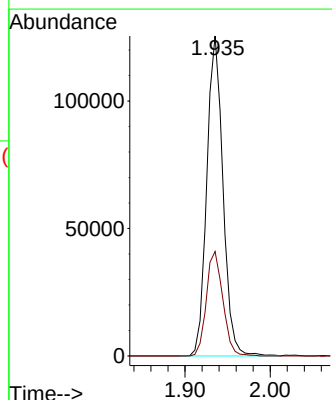
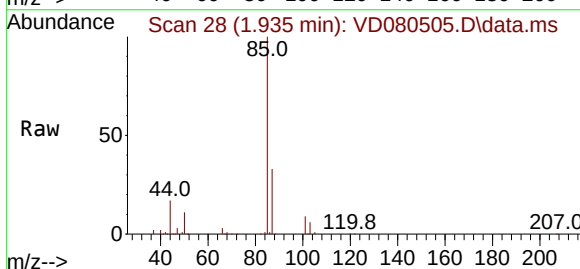
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

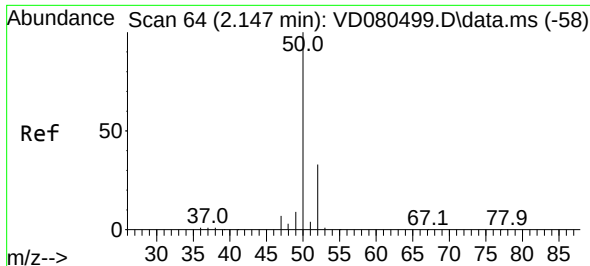
Tgt Ion:168 Resp: 436149
Ion Ratio Lower Upper
168 100
99 55.0 44.1 66.1



#2
Dichlorodifluoromethane
Concen: 44.553 ug/l
RT: 1.935 min Scan# 28
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion: 85 Resp: 165442
Ion Ratio Lower Upper
85 100
87 32.6 16.2 48.5

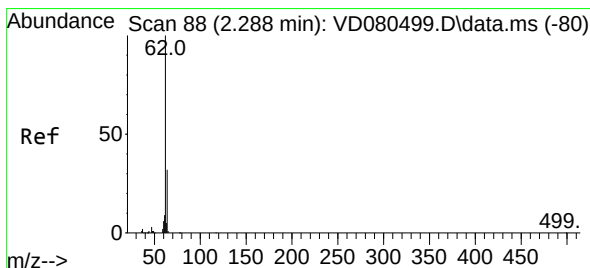
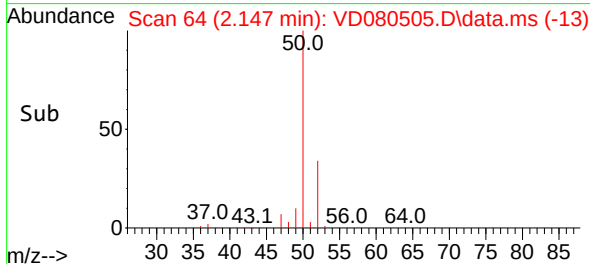
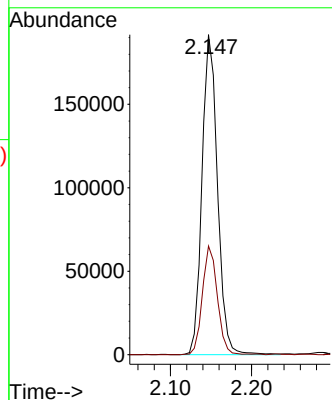
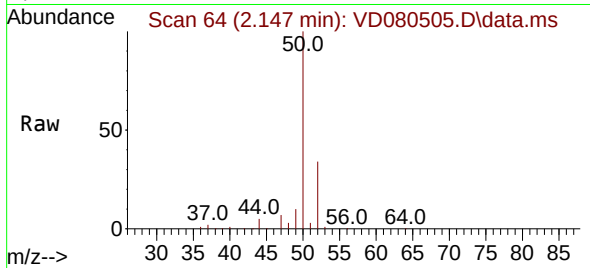




#3
Chloromethane
Concen: 43.278 ug/l
RT: 2.147 min Scan# 64
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

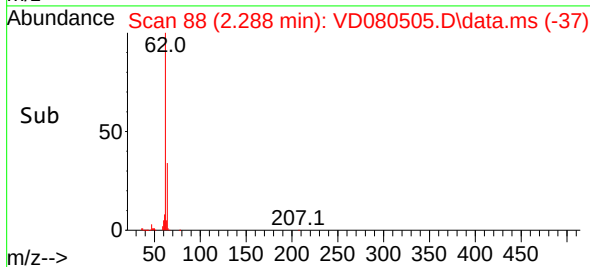
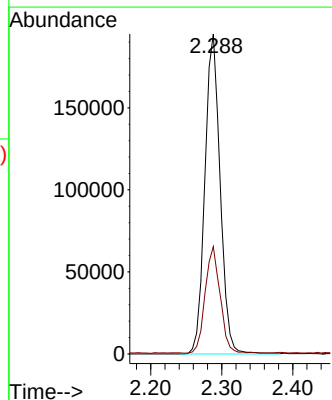
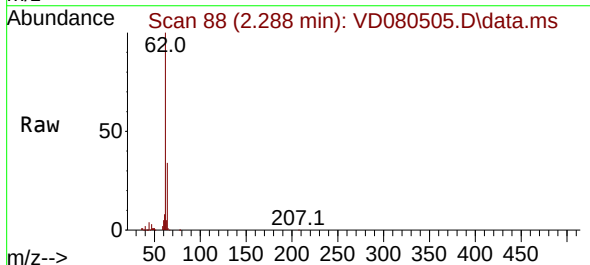
Instrument :
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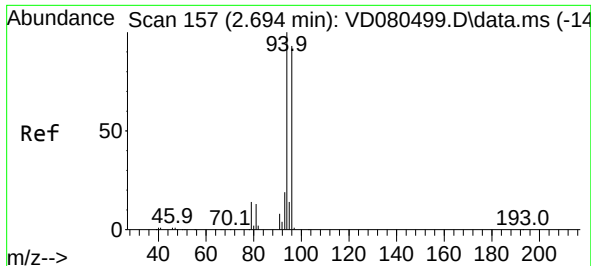
Tgt Ion: 50 Resp: 253683
Ion Ratio Lower Upper
50 100
52 34.0 26.2 39.4



#4
Vinyl Chloride
Concen: 48.290 ug/l
RT: 2.288 min Scan# 88
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion: 62 Resp: 292133
Ion Ratio Lower Upper
62 100
64 33.2 25.6 38.4

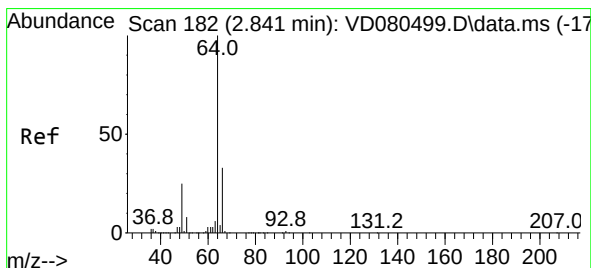
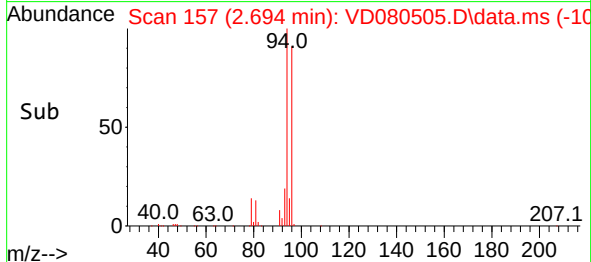
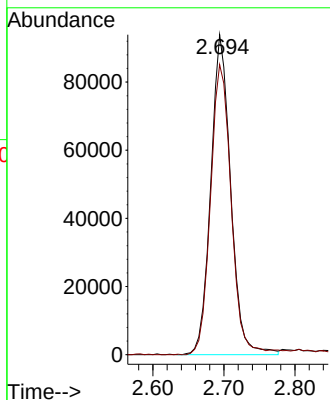
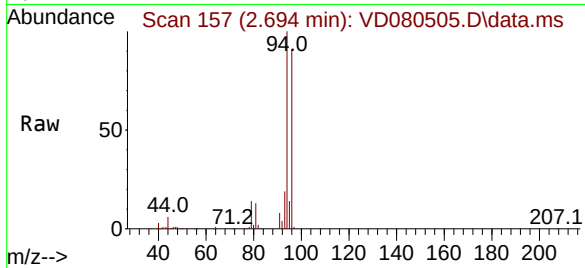




#5
Bromomethane
Concen: 53.808 ug/l
RT: 2.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

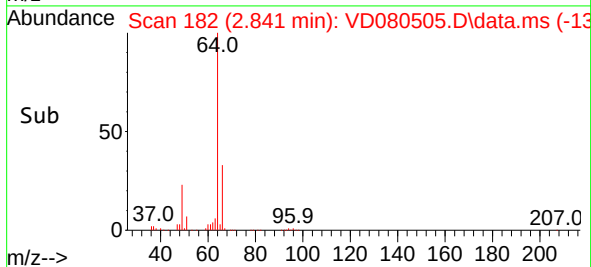
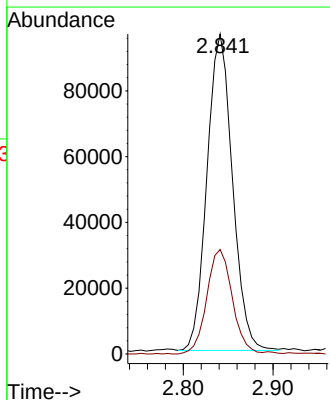
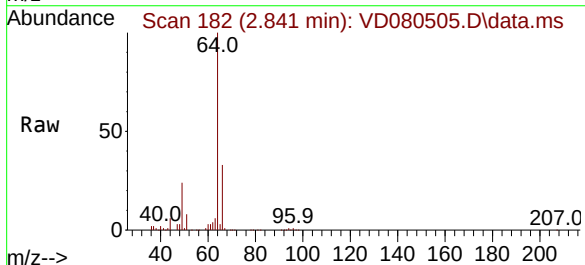
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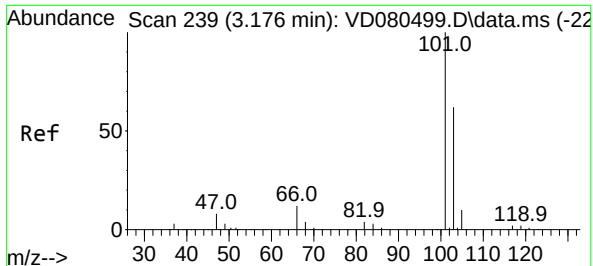
Tgt Ion: 94 Resp: 182935
Ion Ratio Lower Upper
94 100
96 93.8 74.6 111.8



#6
Chloroethane
Concen: 48.025 ug/l
RT: 2.841 min Scan# 182
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion: 64 Resp: 189636
Ion Ratio Lower Upper
64 100
66 33.0 26.5 39.7

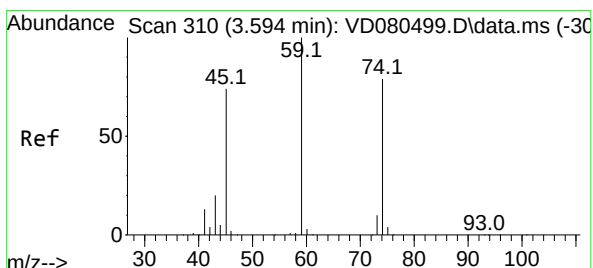
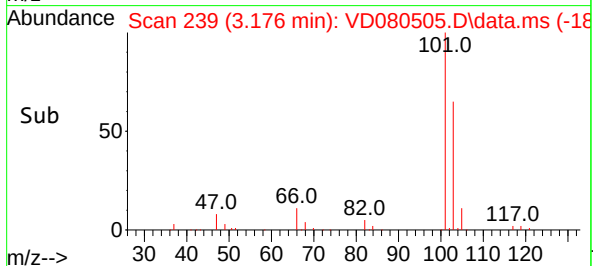
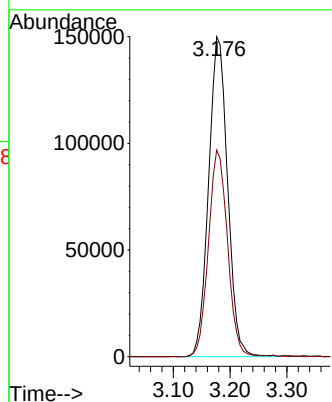
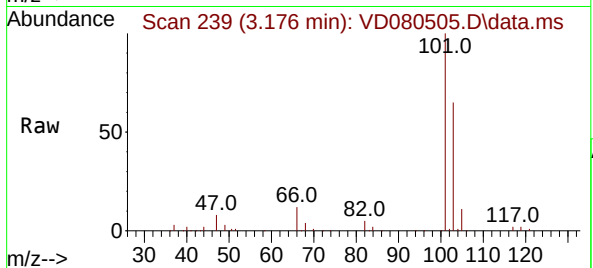




#7
 Trichlorofluoromethane
 Concen: 49.337 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD080505.D
 Acq: 04 Sep 2025 08:57

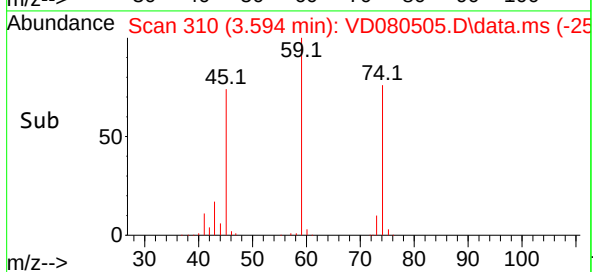
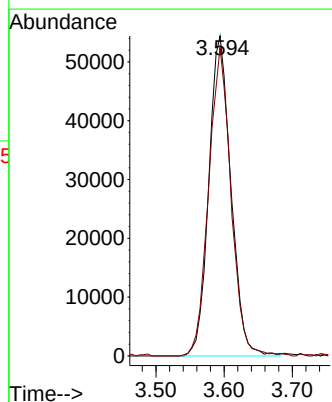
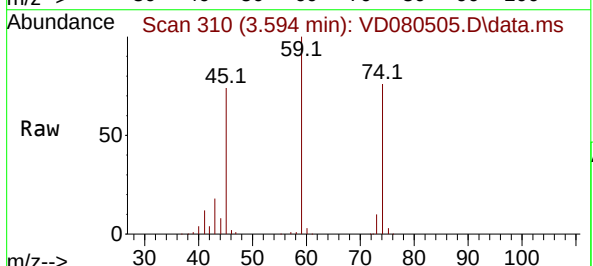
Instrument :
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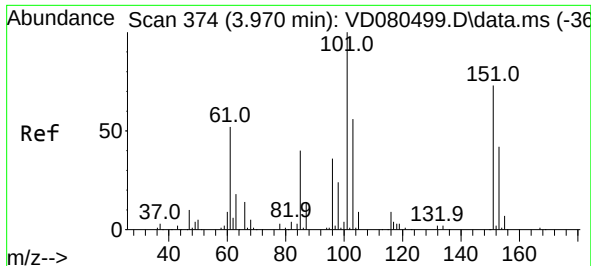
Tgt Ion:101 Resp: 347615
 Ion Ratio Lower Upper
 101 100
 103 64.6 49.6 74.4



#8
 Diethyl Ether
 Concen: 44.011 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VD080505.D
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Tgt Ion: 74 Resp: 122880
 Ion Ratio Lower Upper
 74 100
 45 97.2 48.2 144.6

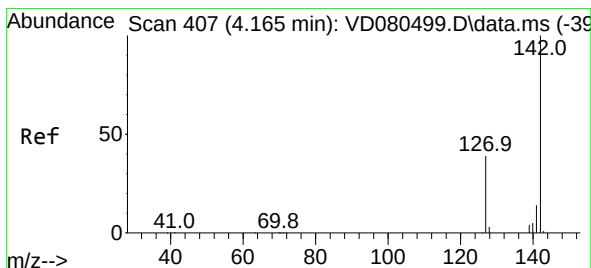
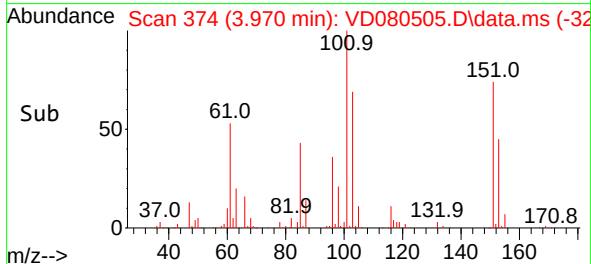
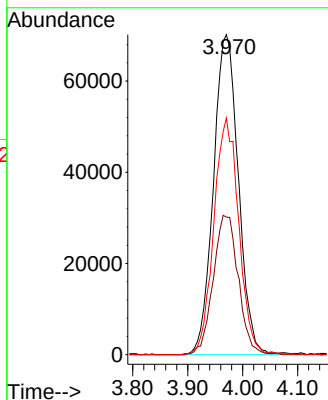
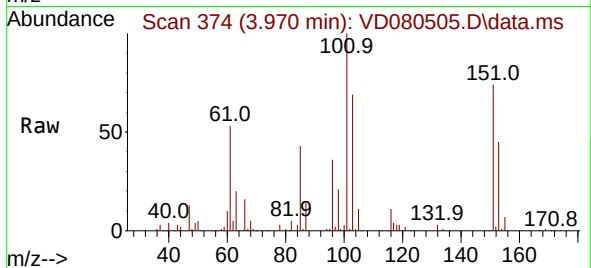




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.336 ug/l
RT: 3.970 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

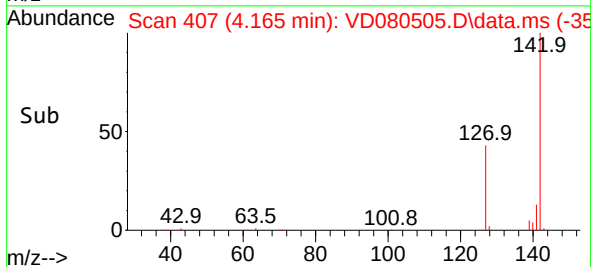
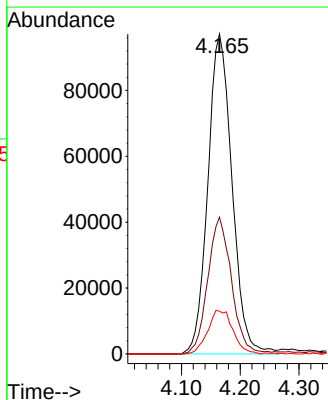
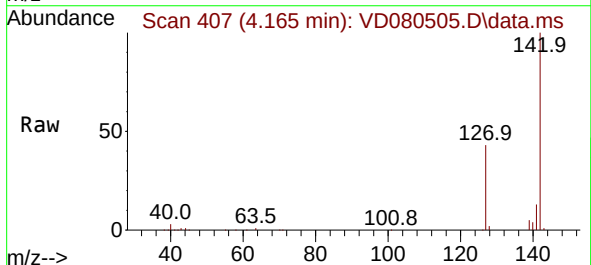
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

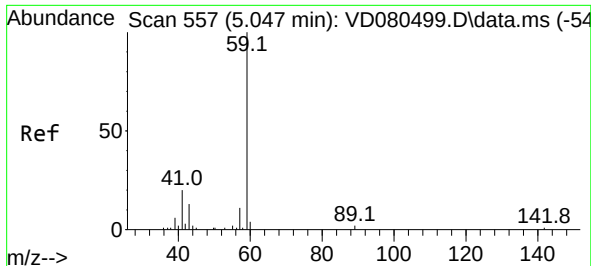
Tgt Ion:101 Resp: 220984
Ion Ratio Lower Upper
101 100
85 43.9 33.8 50.6
151 74.1 58.0 87.0



#10
Methyl Iodide
Concen: 52.617 ug/l
RT: 4.165 min Scan# 407
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion:142 Resp: 277710
Ion Ratio Lower Upper
142 100
127 41.9 33.1 49.7
141 14.2 11.7 17.5

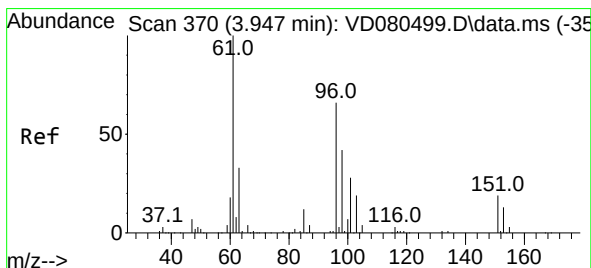
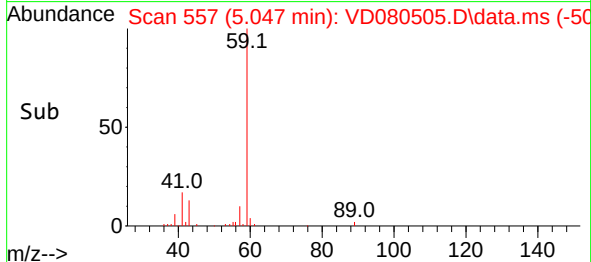
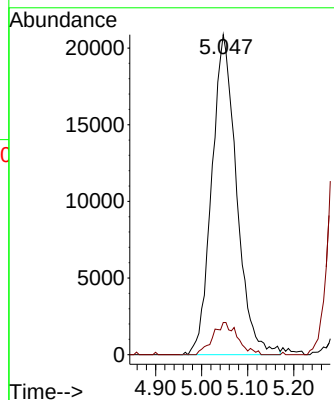
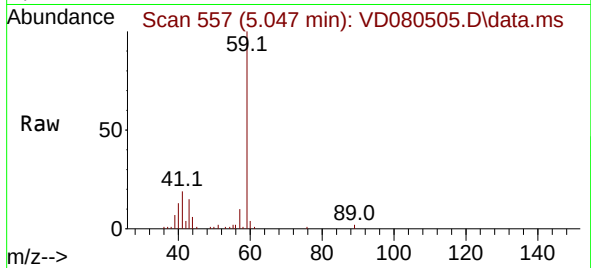




#11
Tert butyl alcohol
Concen: 218.872 ug/l
RT: 5.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

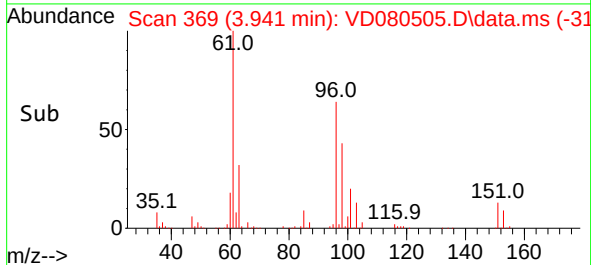
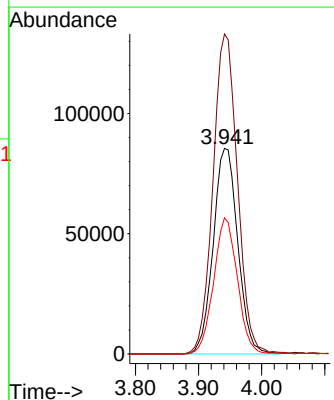
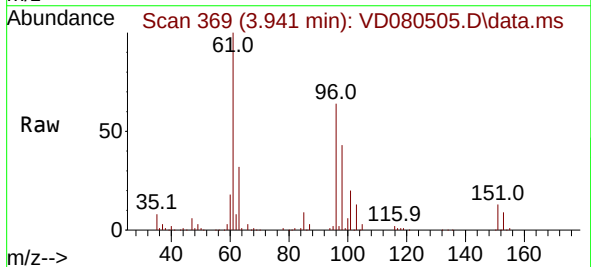
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

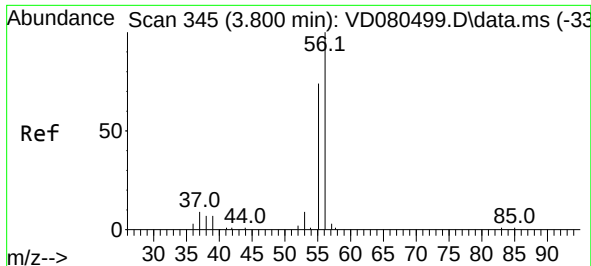
Tgt Ion: 59 Resp: 77939
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1



#12
1,1-Dichloroethene
Concen: 48.429 ug/l
RT: 3.941 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion: 96 Resp: 230658
Ion Ratio Lower Upper
96 100
61 155.7 120.9 181.3
98 66.2 50.7 76.1

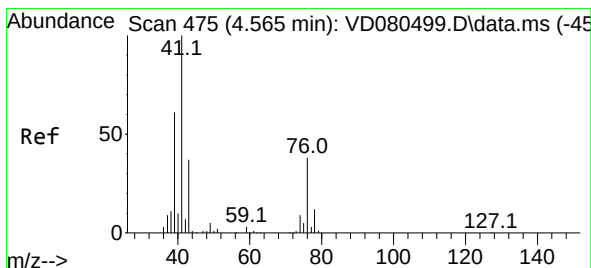
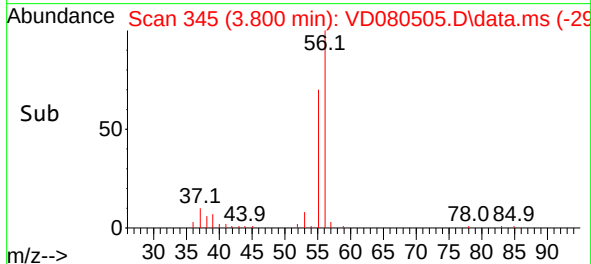
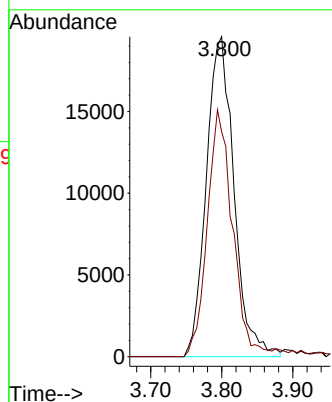
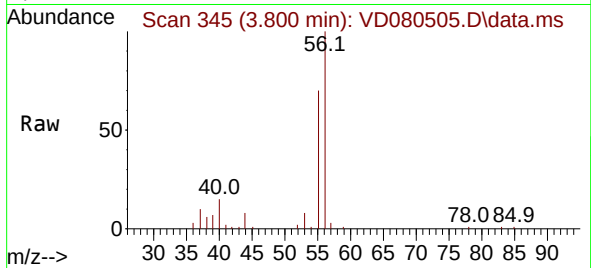




#13
Acrolein
Concen: 140.009 ug/l
RT: 3.800 min Scan# 34
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

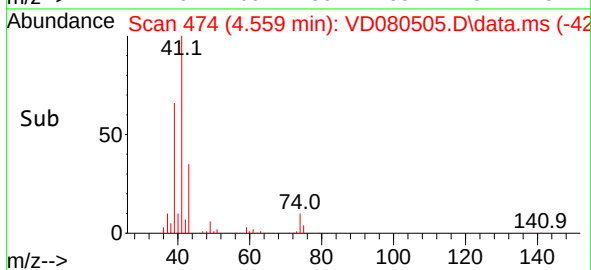
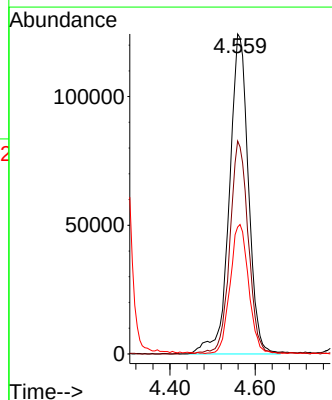
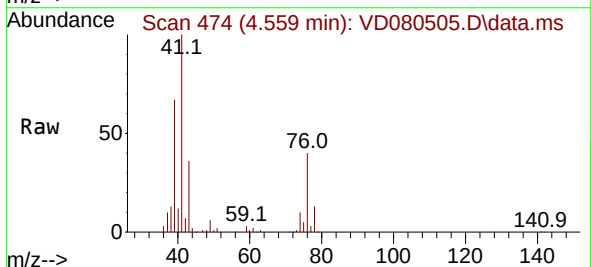
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

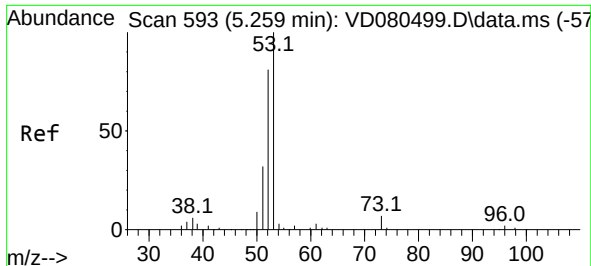
Tgt Ion: 56 Resp: 52988
Ion Ratio Lower Upper
56 100
55 70.3 56.6 85.0



#14
Allyl chloride
Concen: 46.648 ug/l
RT: 4.559 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion: 41 Resp: 385558
Ion Ratio Lower Upper
41 100
39 64.5 50.1 75.1
76 39.0 30.7 46.1

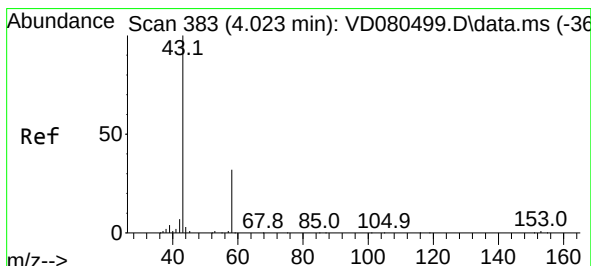
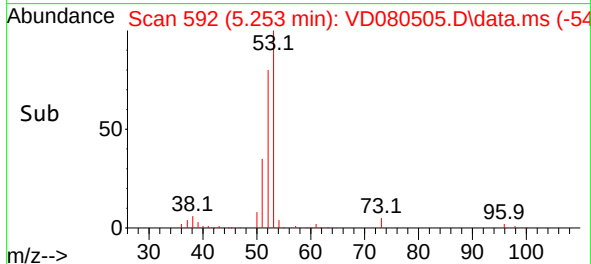
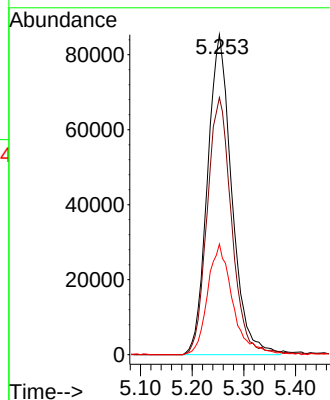
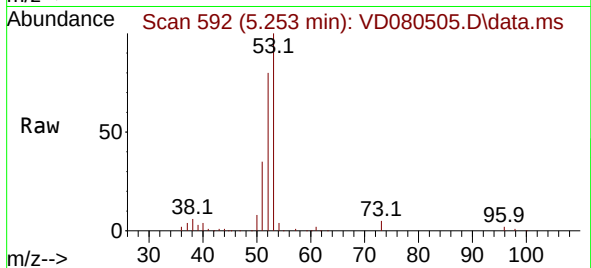




#15
Acrylonitrile
Concen: 224.163 ug/l
RT: 5.253 min Scan# 593
Delta R.T. -0.006 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

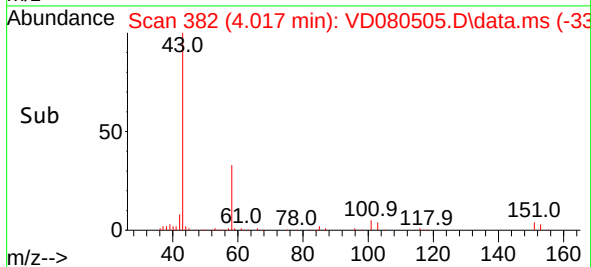
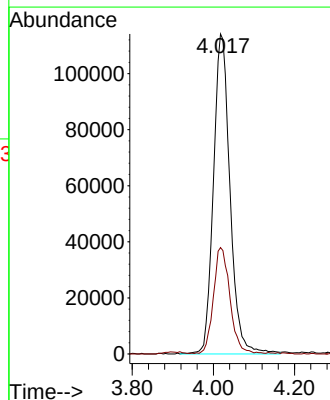
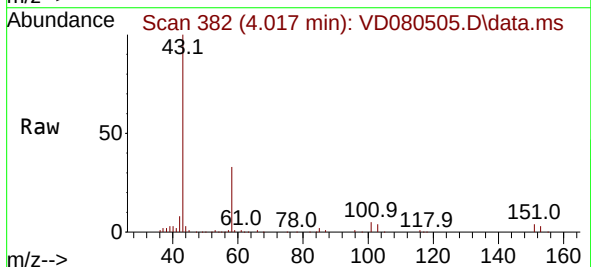
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

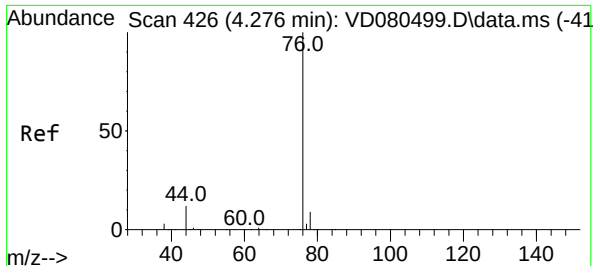
Tgt Ion: 53 Resp: 278723
Ion Ratio Lower Upper
53 100
52 81.1 64.6 97.0
51 35.8 28.0 42.0



#16
Acetone
Concen: 280.606 ug/l
RT: 4.017 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion: 43 Resp: 323254
Ion Ratio Lower Upper
43 100
58 33.1 25.4 38.0

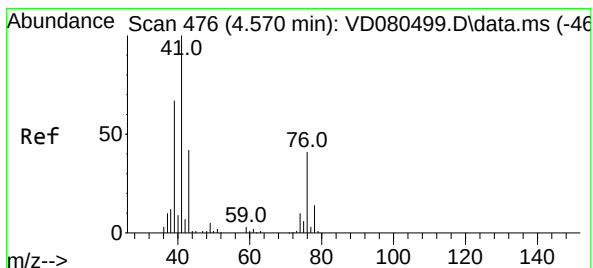
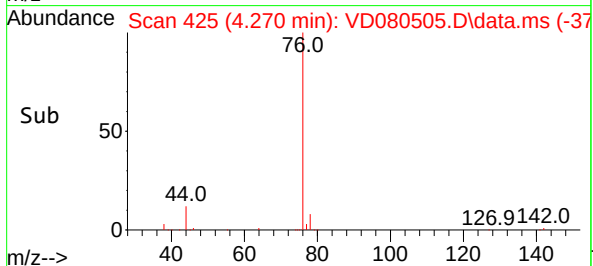
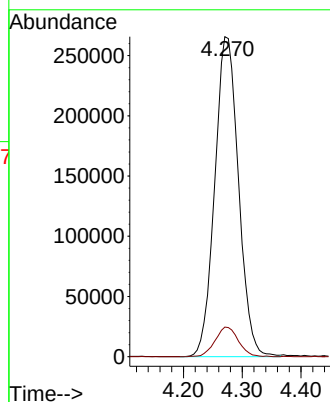
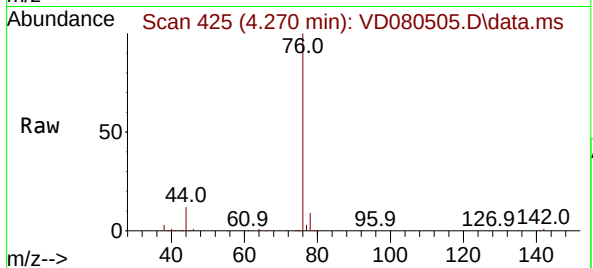




#17
Carbon Disulfide
Concen: 46.326 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

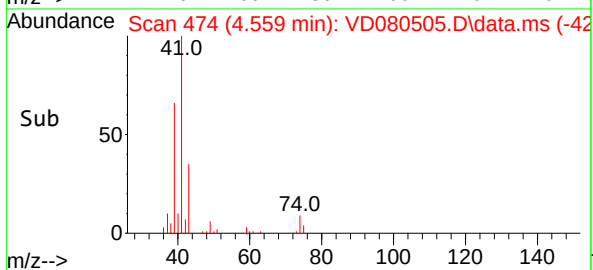
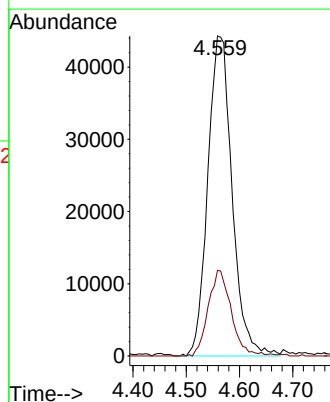
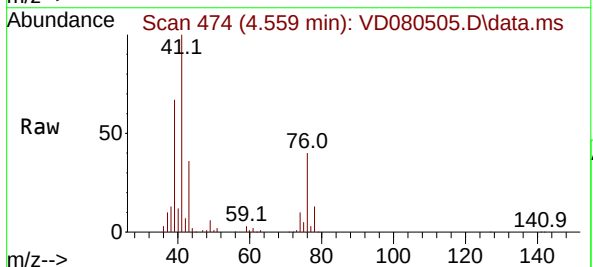
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

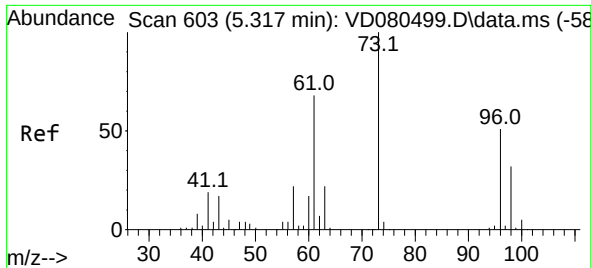
Tgt Ion: 76 Resp: 746104
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 43.315 ug/l
RT: 4.559 min Scan# 474
Delta R.T. -0.012 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion: 43 Resp: 140423
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2

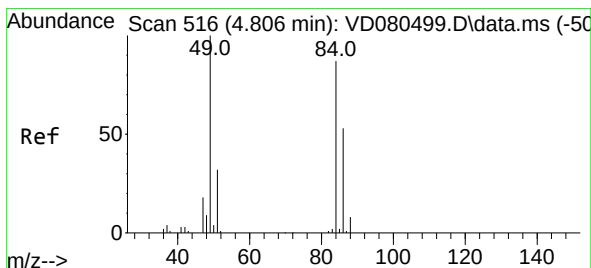
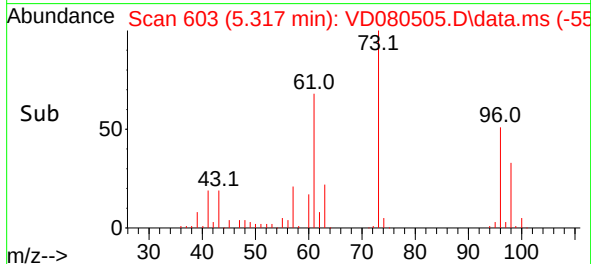
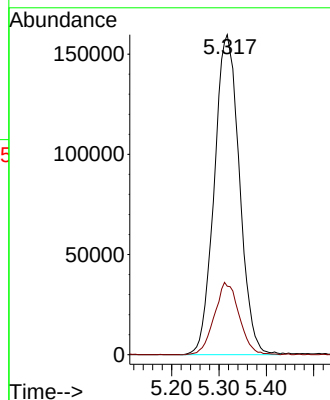
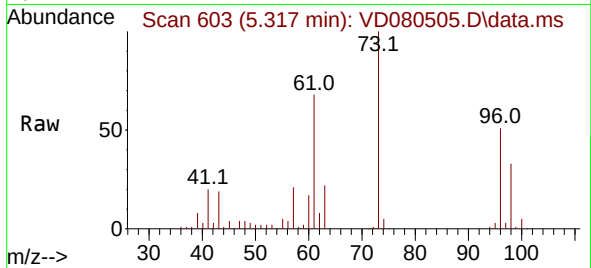




#19
Methyl tert-butyl Ether
Concen: 46.987 ug/l
RT: 5.317 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

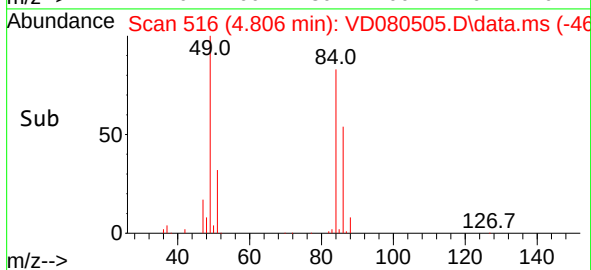
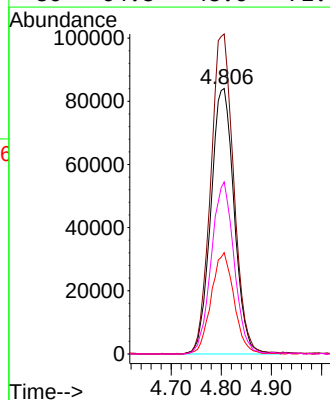
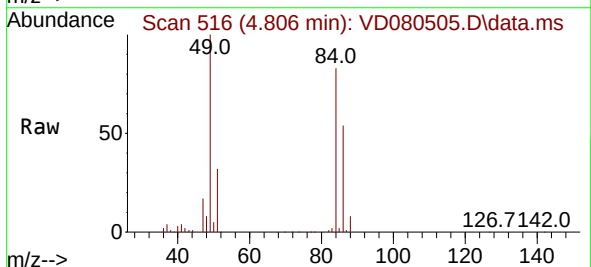
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

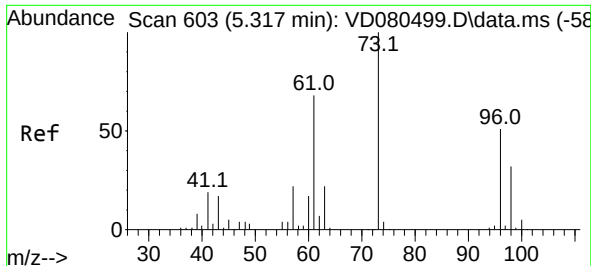
Tgt Ion: 73 Resp: 587275
Ion Ratio Lower Upper
73 100
57 21.4 17.8 26.8



#20
Methylene Chloride
Concen: 42.942 ug/l
RT: 4.806 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion: 84 Resp: 271746
Ion Ratio Lower Upper
84 100
49 120.5 91.8 137.6
51 38.1 29.0 43.4
86 64.8 48.6 72.8

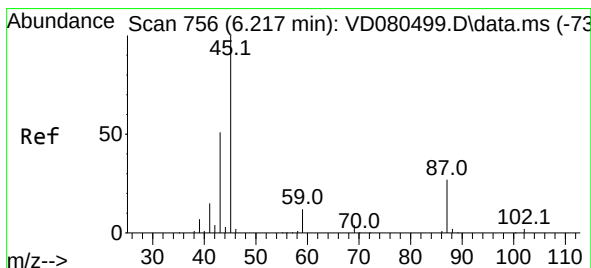
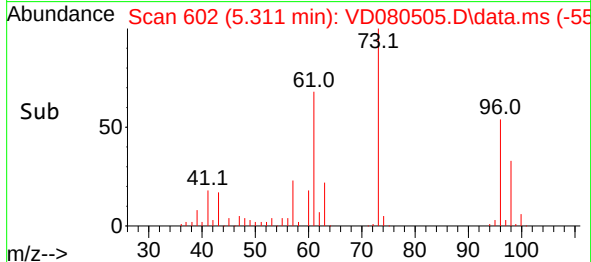
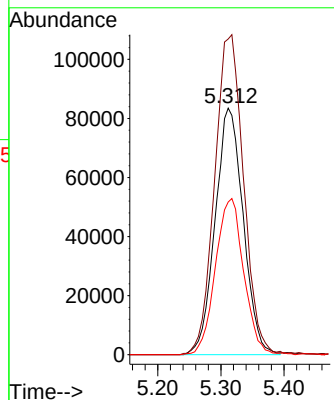
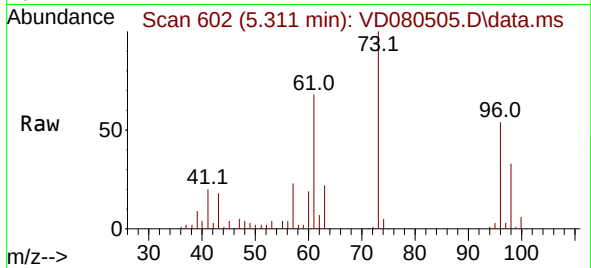




#21
trans-1,2-Dichloroethene
Concen: 47.370 ug/l
RT: 5.311 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

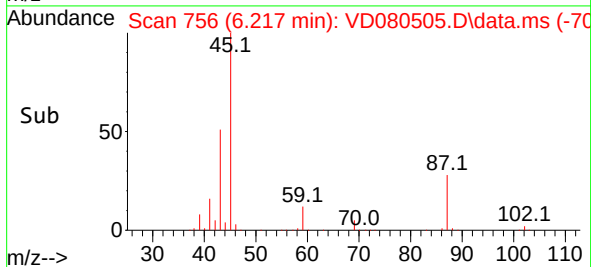
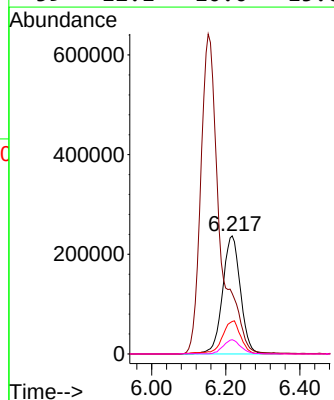
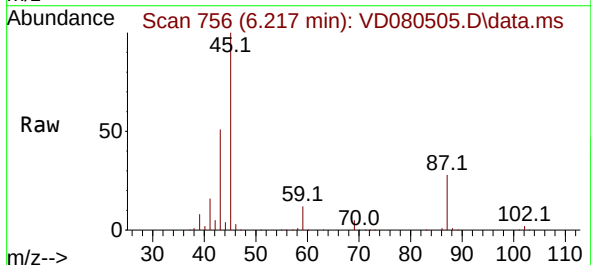
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

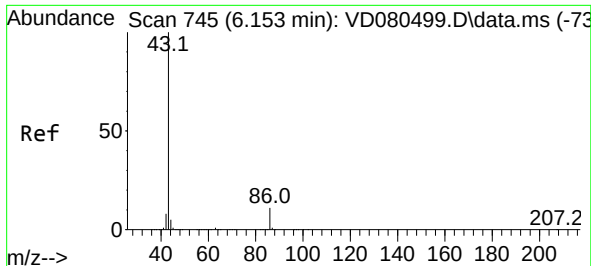
Tgt Ion: 96 Resp: 258286
Ion Ratio Lower Upper
96 100
61 128.0 107.4 161.0
98 61.9 49.9 74.9



#22
Diisopropyl ether
Concen: 46.608 ug/l
RT: 6.217 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion: 45 Resp: 792896
Ion Ratio Lower Upper
45 100
43 51.2 40.6 60.8
87 27.4 21.6 32.4
59 12.1 10.0 15.0

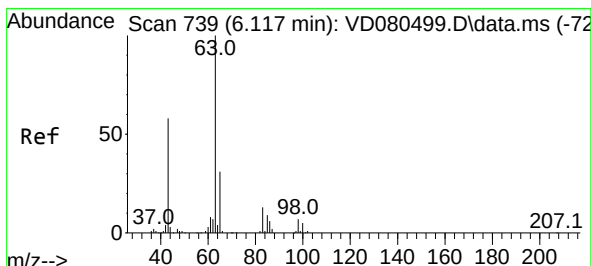
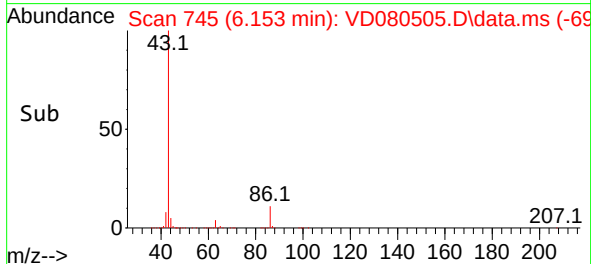
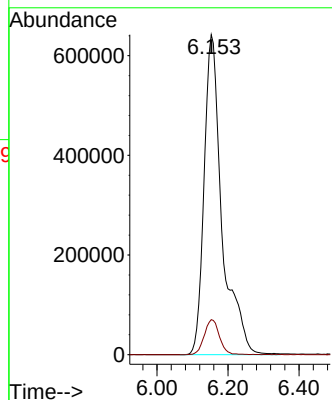
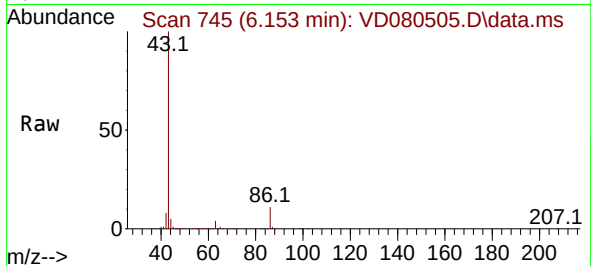




#23
 Vinyl Acetate
 Concen: 233.865 ug/l
 RT: 6.153 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD080505.D
 Acq: 04 Sep 2025 08:57

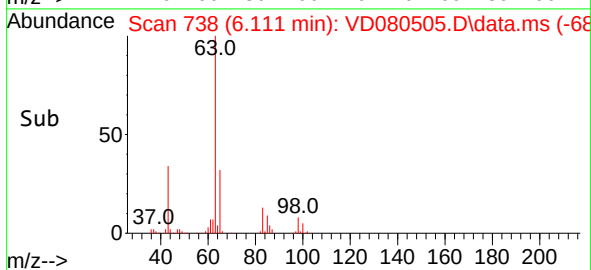
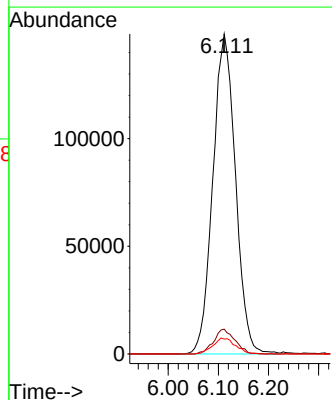
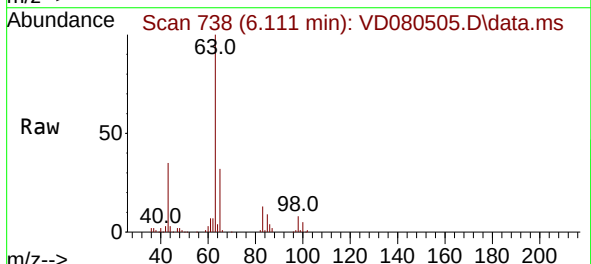
Instrument :
 MSVOA_D
 ClientSampleId :
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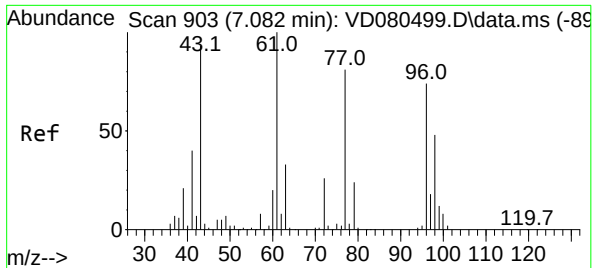
Tgt Ion: 43 Resp: 2263966
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 47.319 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD080505.D
 Acq: 04 Sep 2025 08:57

Tgt Ion: 63 Resp: 465974
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.9
 100 4.6 2.4 7.1

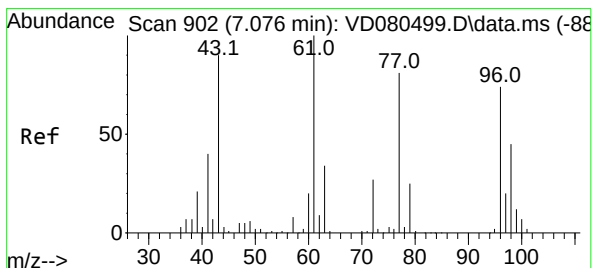
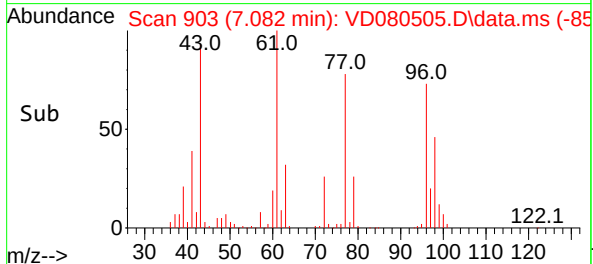
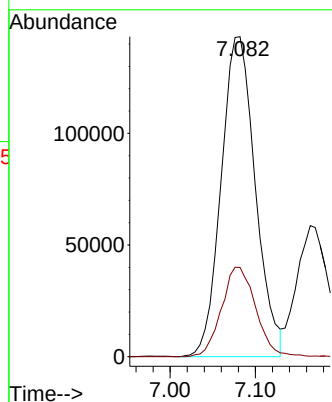
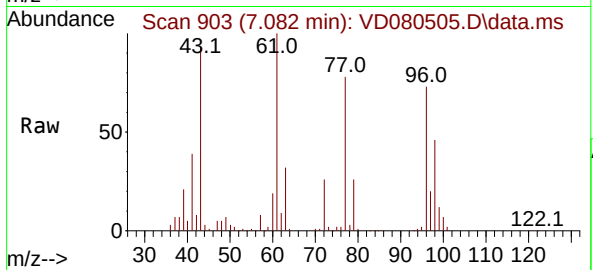




#25
2-Butanone
Concen: 245.020 ug/l
RT: 7.082 min Scan# 903
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

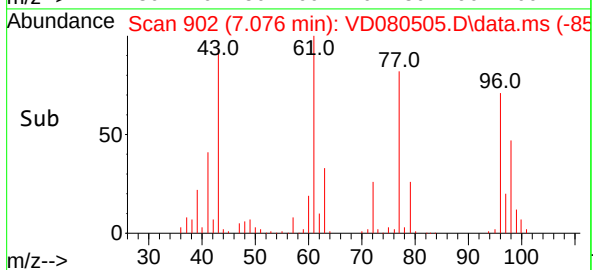
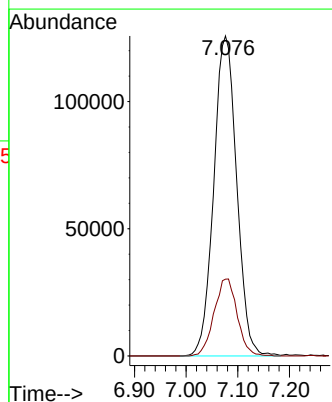
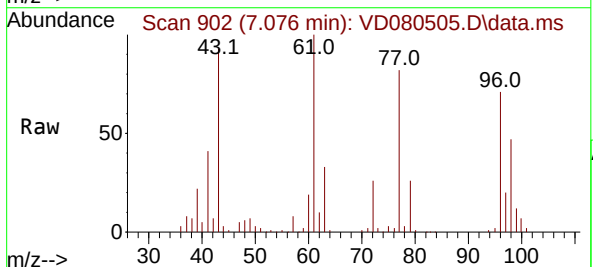
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

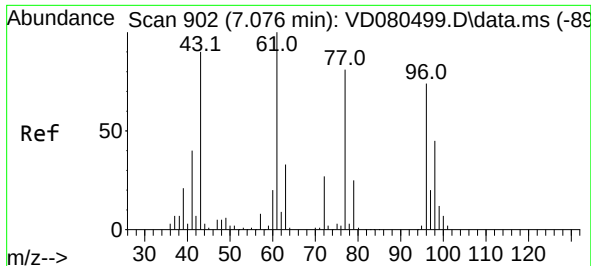
Tgt Ion: 43 Resp: 399672
Ion Ratio Lower Upper
43 100
72 27.9 22.8 34.2



#26
2,2-Dichloropropane
Concen: 49.697 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion: 77 Resp: 387486
Ion Ratio Lower Upper
77 100
97 24.2 12.4 37.0

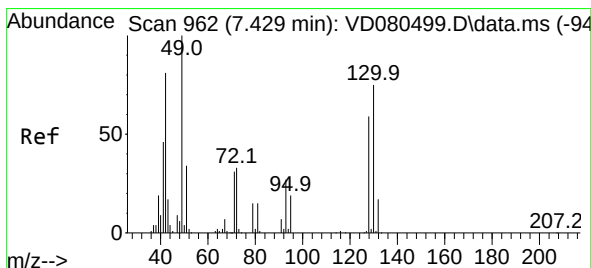
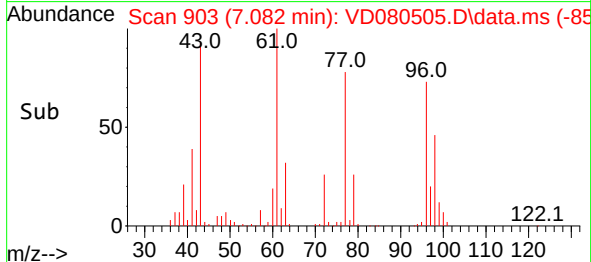
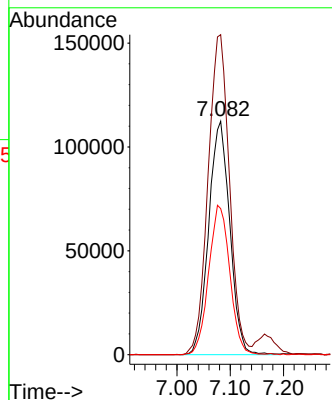
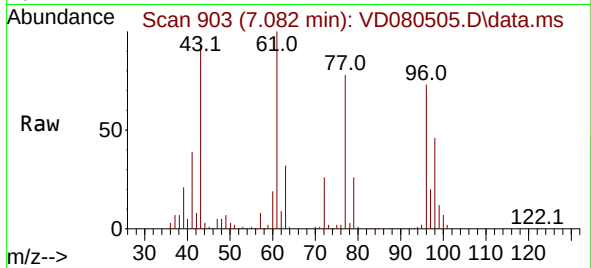




#27
 cis-1,2-Dichloroethene
 Concen: 47.501 ug/l
 RT: 7.082 min Scan# 902
 Delta R.T. 0.006 min
 Lab File: VD080505.D
 Acq: 04 Sep 2025 08:57

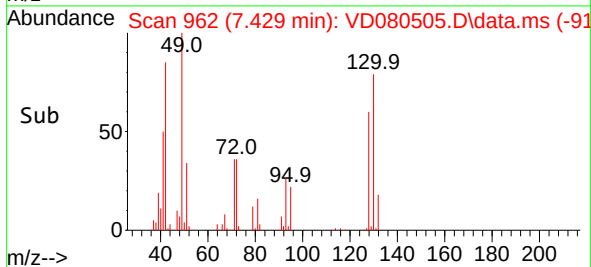
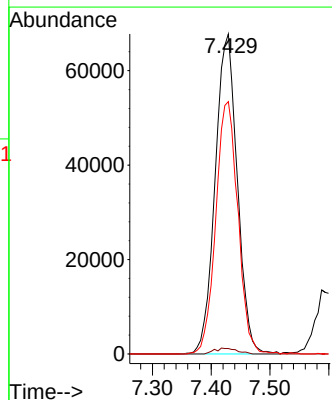
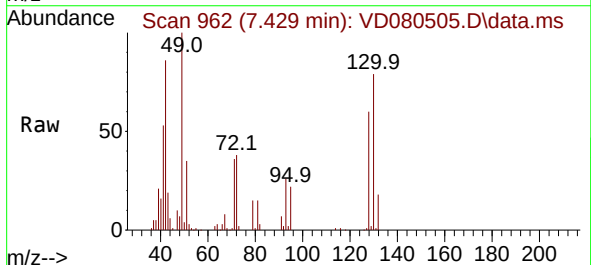
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

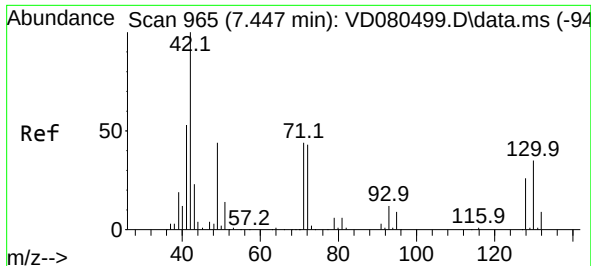
Tgt Ion: 96 Resp: 309106
 Ion Ratio Lower Upper
 96 100
 61 138.9 0.0 275.2
 98 64.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 44.223 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. -0.000 min
 Lab File: VD080505.D
 Acq: 04 Sep 2025 08:57

Tgt Ion: 49 Resp: 177473
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 78.8 61.1 91.7





#29

Tetrahydrofuran

Concen: 223.929 ug/l

RT: 7.447 min Scan# 90

Delta R.T. -0.000 min

Lab File: VD080505.D

Acq: 04 Sep 2025 08:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

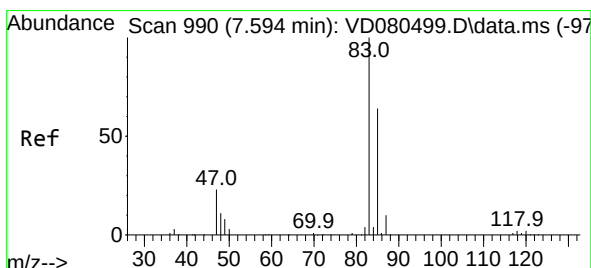
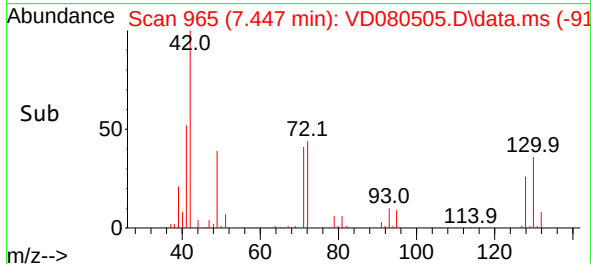
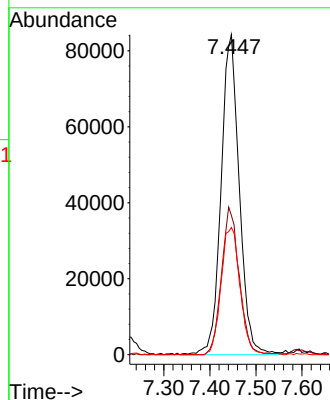
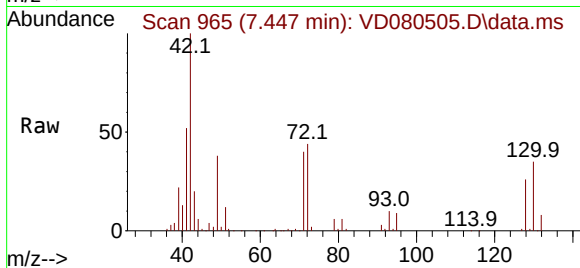
Tgt Ion: 42 Resp: 230819

Ion Ratio Lower Upper

42 100

72 44.7 34.7 52.1

71 41.7 32.9 49.3



#30

Chloroform

Concen: 48.449 ug/l

RT: 7.600 min Scan# 991

Delta R.T. 0.006 min

Lab File: VD080505.D

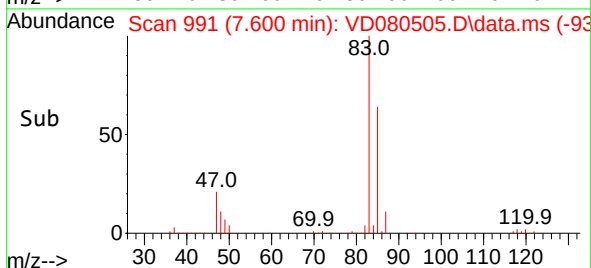
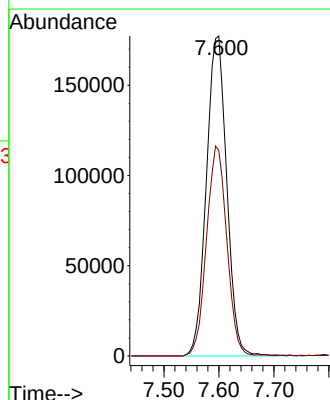
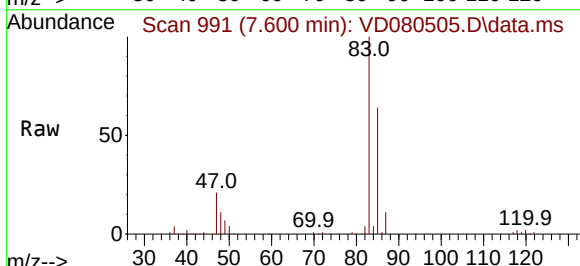
Acq: 04 Sep 2025 08:57

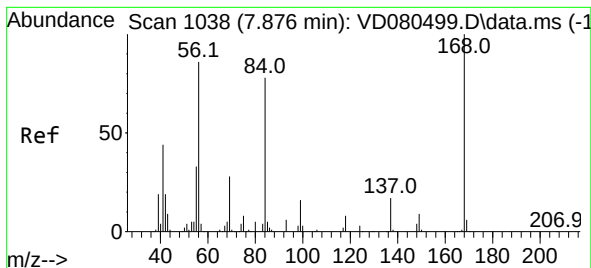
Tgt Ion: 83 Resp: 456199

Ion Ratio Lower Upper

83 100

85 64.3 51.2 76.8





#31

Cyclohexane

Concen: 45.866 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VD080505.D

Acq: 04 Sep 2025 08:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

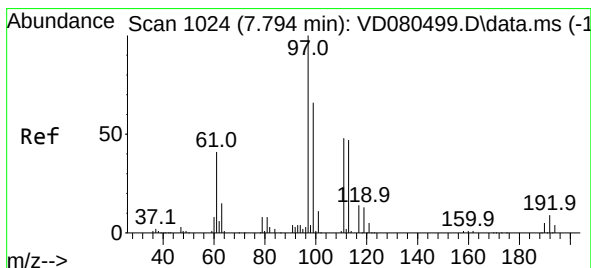
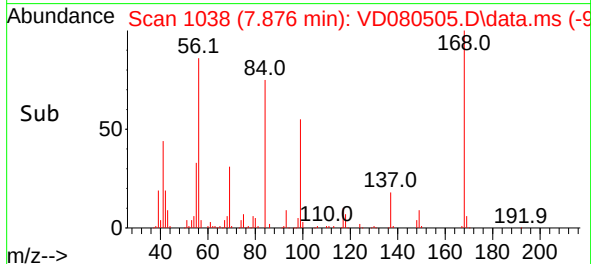
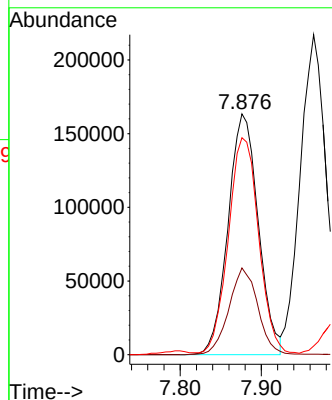
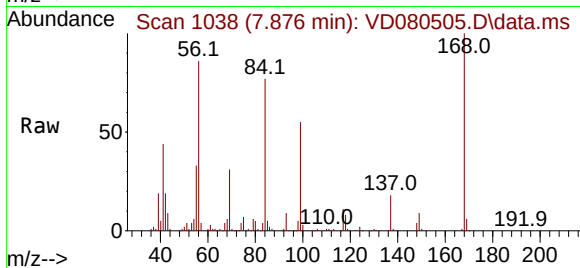
Tgt Ion: 56 Resp: 422773

Ion Ratio Lower Upper

56 100

69 36.1 26.0 39.0

84 88.5 72.6 108.8



#32

1,1,1-Trichloroethane

Concen: 49.879 ug/l

RT: 7.794 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VD080505.D

Acq: 04 Sep 2025 08:57

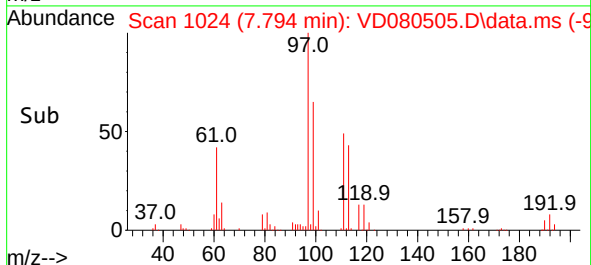
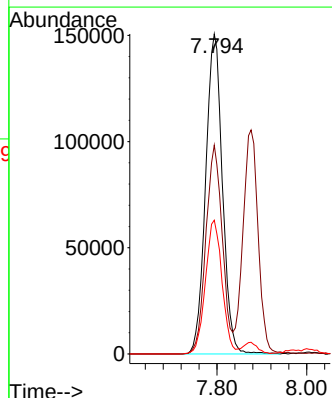
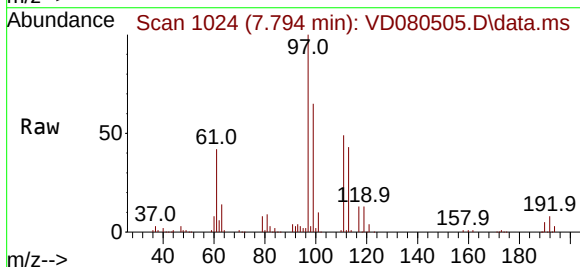
Tgt Ion: 97 Resp: 391064

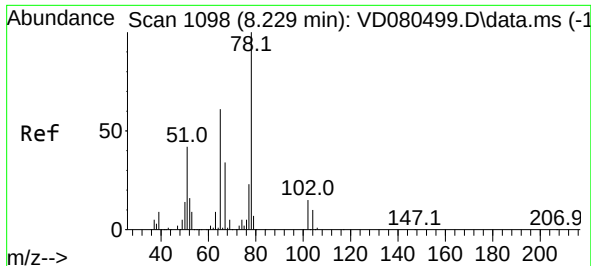
Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.4

61 41.6 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 43.612 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VD080505.D

Acq: 04 Sep 2025 08:57

Instrument :

MSVOA_D

ClientSampleId :

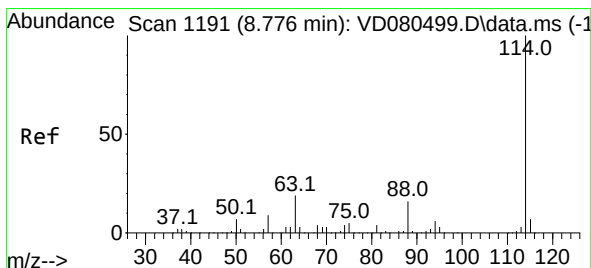
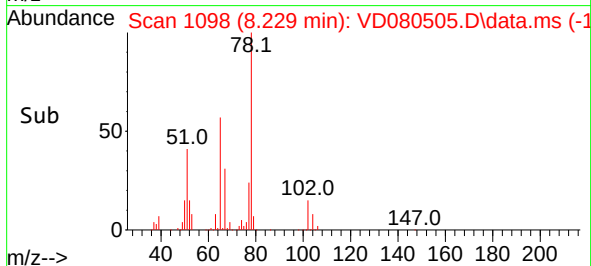
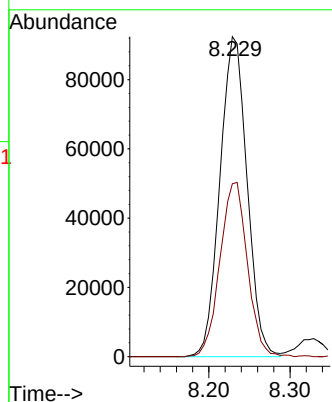
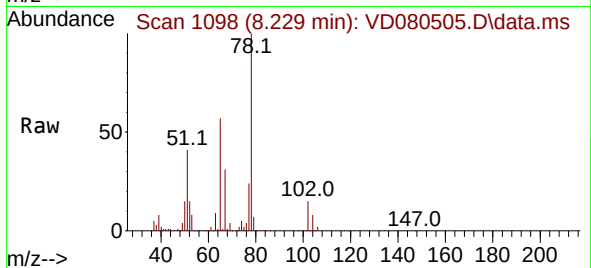
VSTDCCC050

Tgt Ion: 65 Resp: 214603

Ion Ratio Lower Upper

65 100

67 55.1 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: VD080505.D

Acq: 04 Sep 2025 08:57

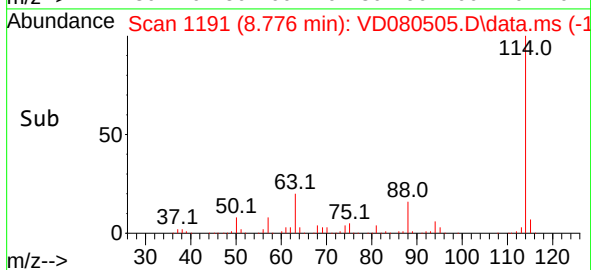
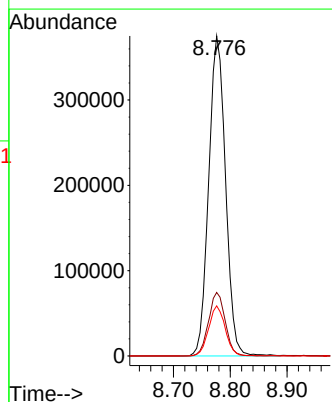
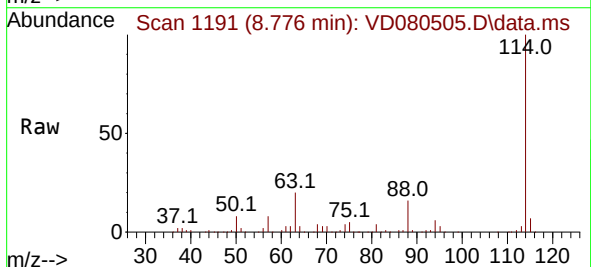
Tgt Ion: 114 Resp: 770614

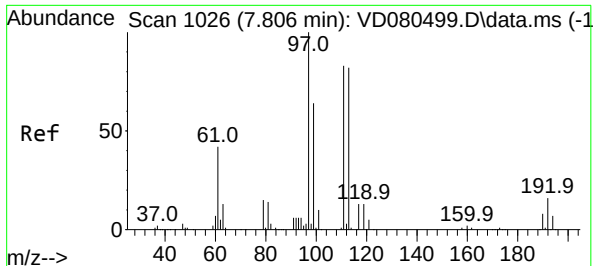
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.6

88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.400 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. -0.001 min

Lab File: VD080505.D

Acq: 04 Sep 2025 08:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

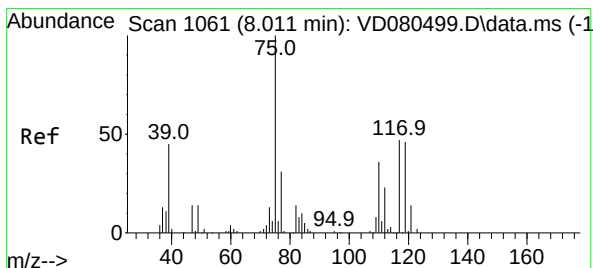
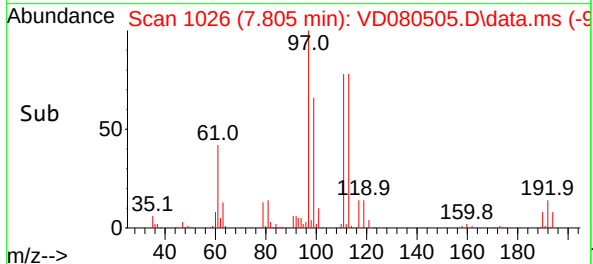
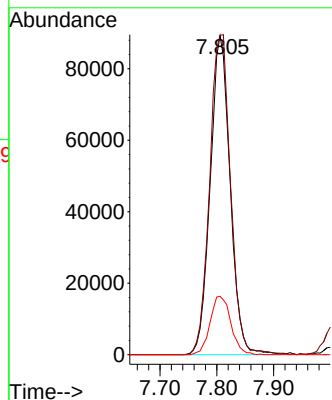
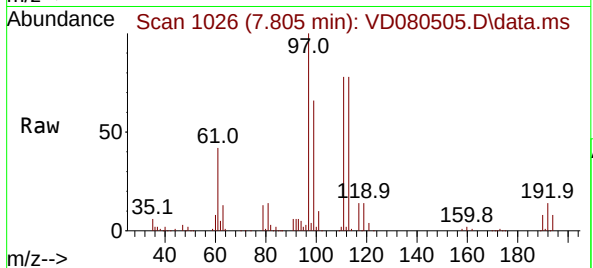
Tgt Ion:113 Resp: 217211

Ion Ratio Lower Upper

113 100

111 105.3 82.0 123.0

192 19.1 14.9 22.3



#36

1,1-Dichloropropene

Concen: 49.400 ug/l

RT: 8.005 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VD080505.D

Acq: 04 Sep 2025 08:57

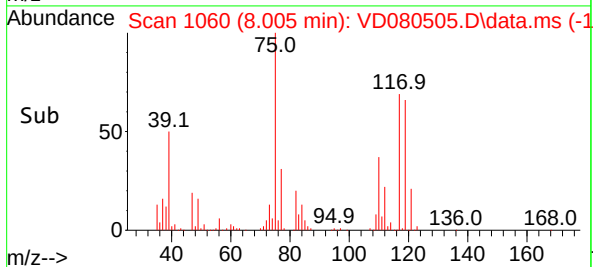
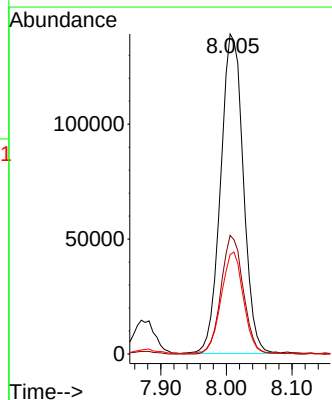
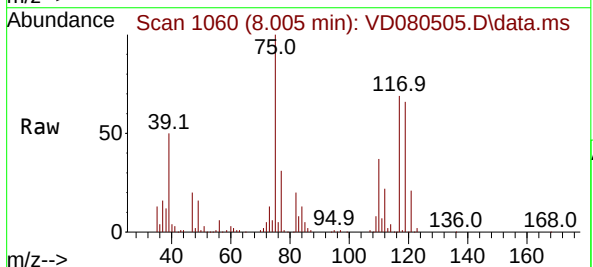
Tgt Ion: 75 Resp: 333593

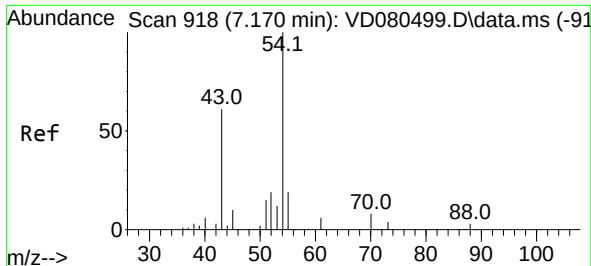
Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.1

77 31.8 25.7 38.5





#37

Ethyl Acetate

Concen: 48.327 ug/l

RT: 7.164 min Scan# 918

Delta R.T. -0.006 min

Lab File: VD080505.D

Acq: 04 Sep 2025 08:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

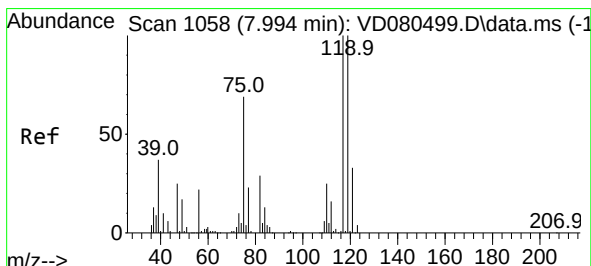
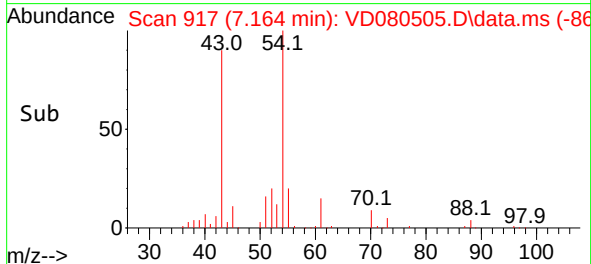
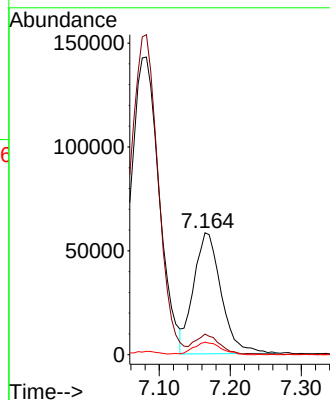
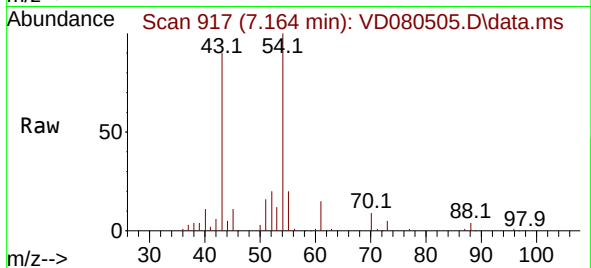
Tgt Ion: 43 Resp: 156932

Ion Ratio Lower Upper

43 100

61 14.0 11.8 17.8

70 10.3 9.0 13.4



#38

Carbon Tetrachloride

Concen: 51.965 ug/l

RT: 7.994 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD080505.D

Acq: 04 Sep 2025 08:57

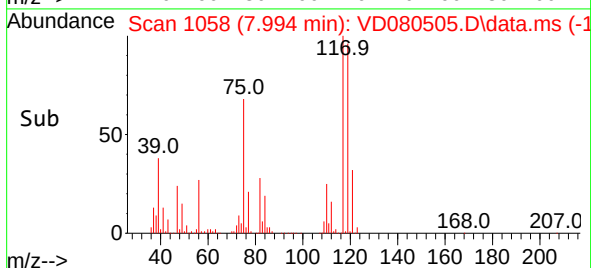
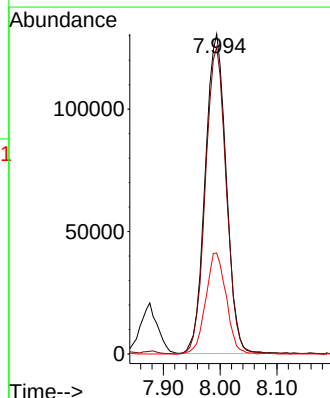
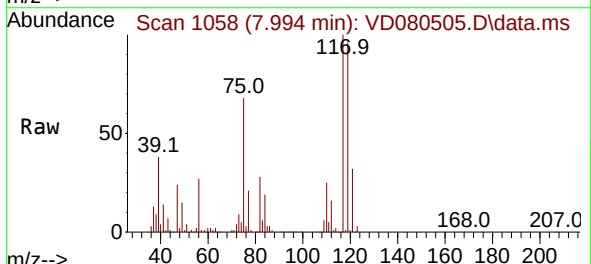
Tgt Ion: 117 Resp: 333989

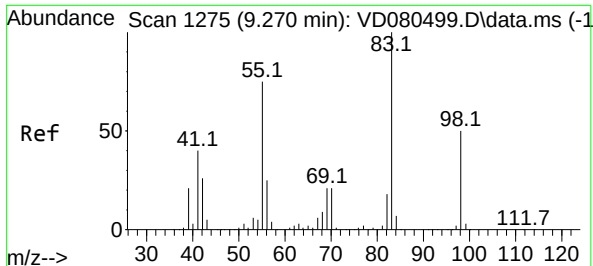
Ion Ratio Lower Upper

117 100

119 95.9 80.2 120.2

121 31.6 26.8 40.2





#39

Methylcyclohexane

Concen: 50.049 ug/l

RT: 9.276 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VD080505.D

Acq: 04 Sep 2025 08:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

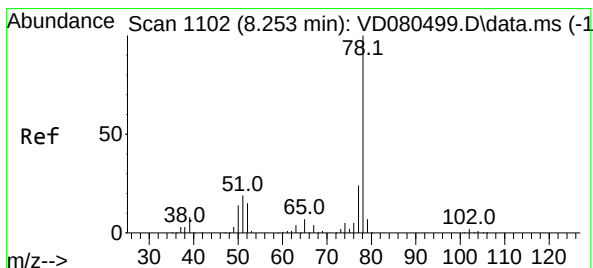
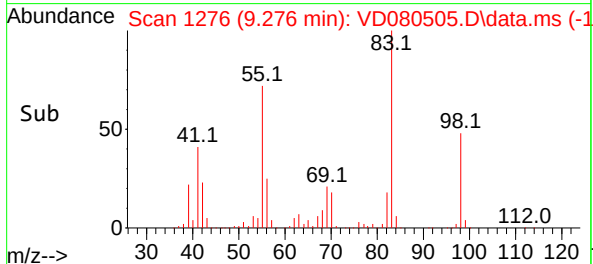
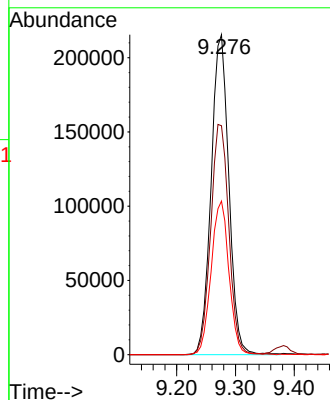
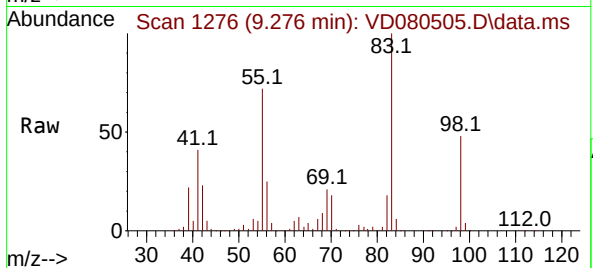
Tgt Ion: 83 Resp: 449863

Ion Ratio Lower Upper

83 100

55 71.5 60.4 90.6

98 48.0 39.8 59.6



#40

Benzene

Concen: 48.284 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VD080505.D

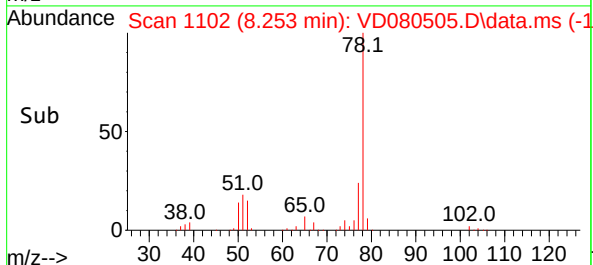
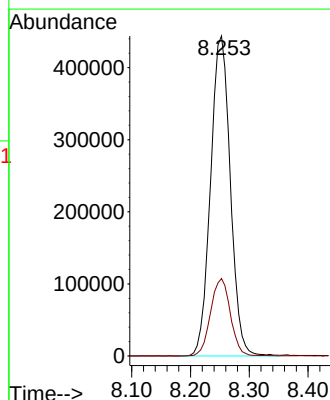
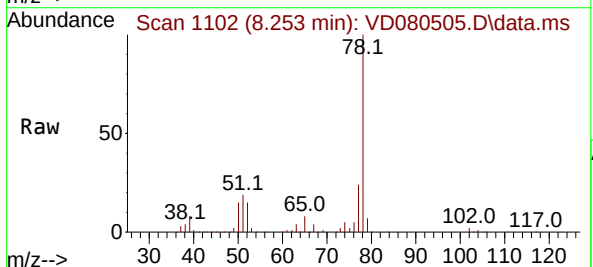
Acq: 04 Sep 2025 08:57

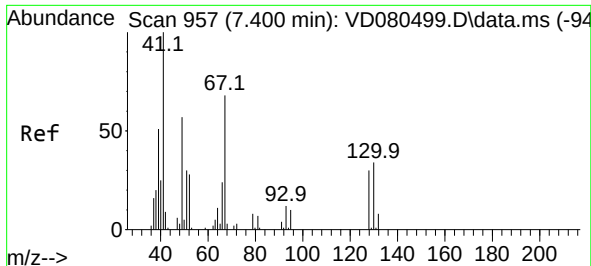
Tgt Ion: 78 Resp: 1037697

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6

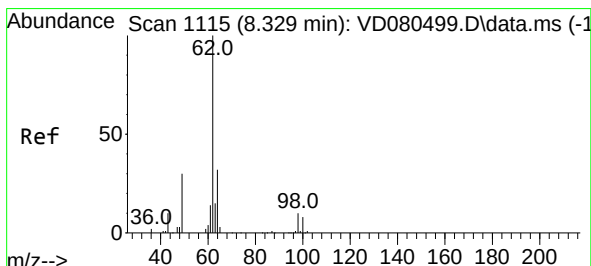
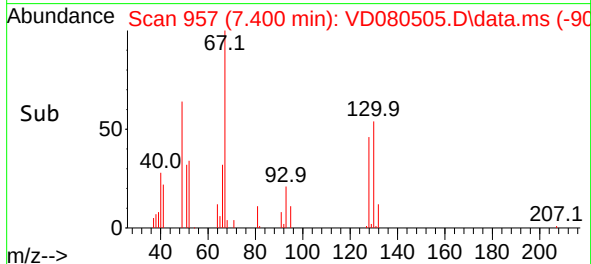
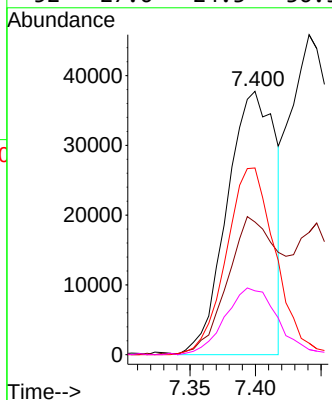
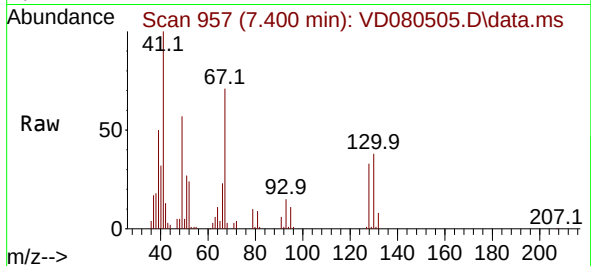




#41
Methacrylonitrile
Concen: 50.257 ug/l
RT: 7.400 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

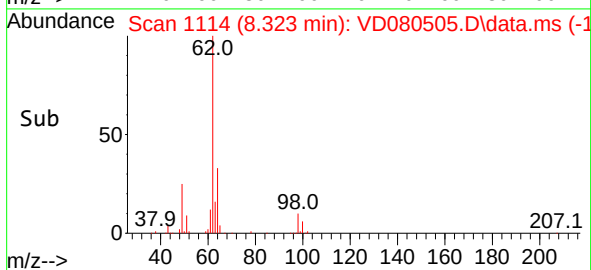
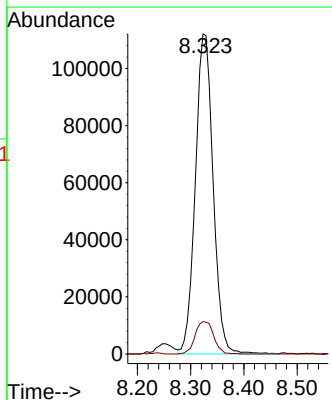
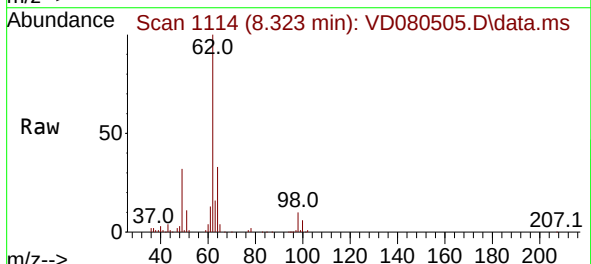
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

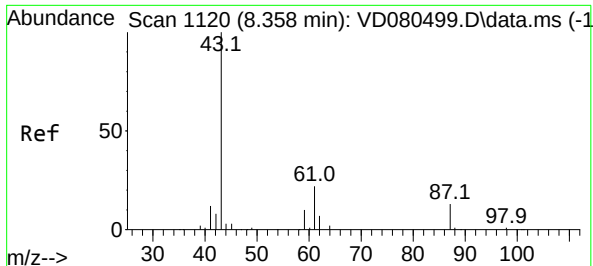
Tgt Ion:	41	Resp:	96893
Ion	Ratio	Lower	Upper
41	100		
39	55.7	50.1	75.1
67	72.4	60.8	91.2
52	27.6	24.3	36.5



#42
1,2-Dichloroethane
Concen: 49.984 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion:	62	Resp:	260200
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	22.0





#43

Isopropyl Acetate

Concen: 47.046 ug/l

RT: 8.358 min Scan# 1120

Delta R.T. -0.000 min

Lab File: VD080505.D

Acq: 04 Sep 2025 08:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

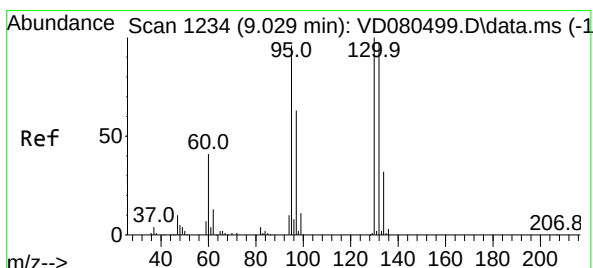
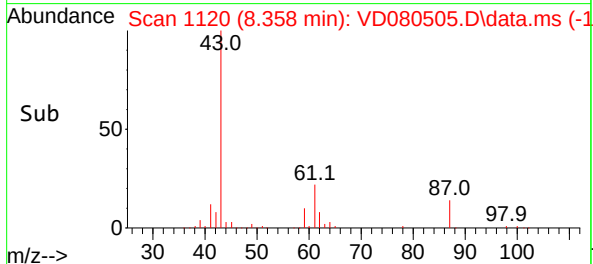
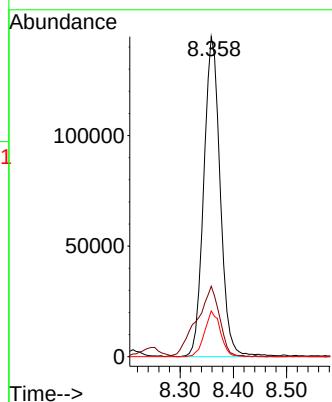
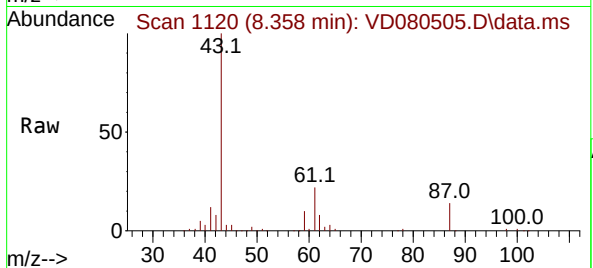
Tgt Ion: 43 Resp: 310834

Ion Ratio Lower Upper

43 100

61 30.5 24.3 36.5

87 13.8 10.9 16.3



#44

Trichloroethene

Concen: 50.282 ug/l

RT: 9.029 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VD080505.D

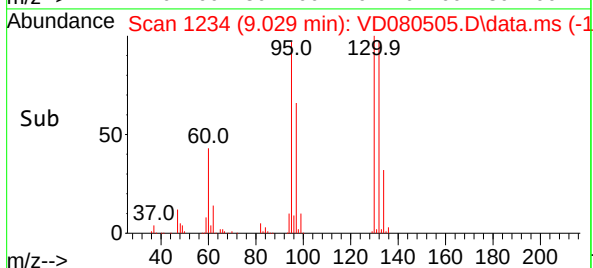
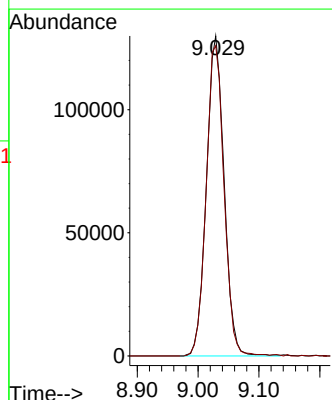
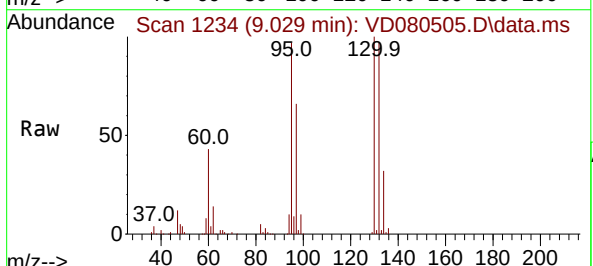
Acq: 04 Sep 2025 08:57

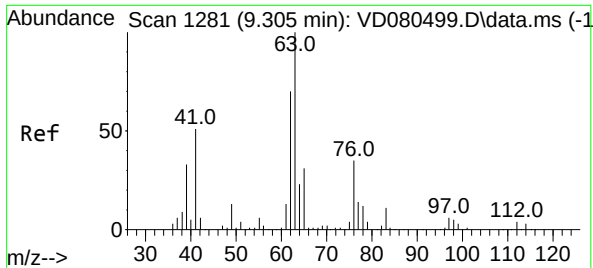
Tgt Ion:130 Resp: 262174

Ion Ratio Lower Upper

130 100

95 97.0 0.0 191.8

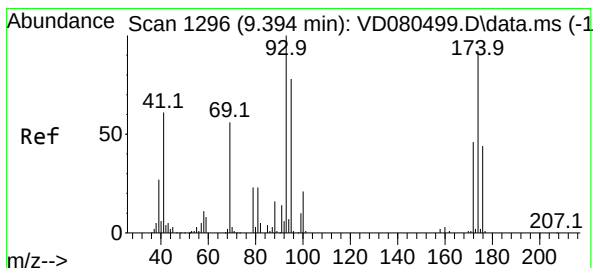
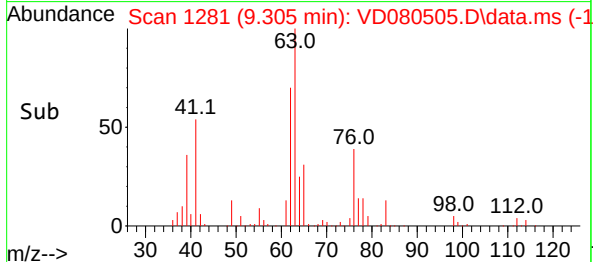
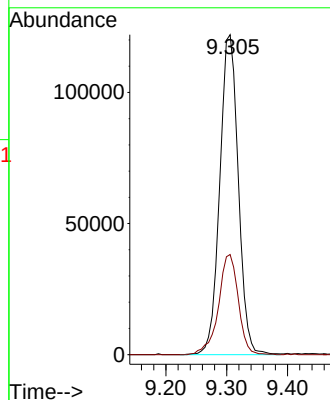
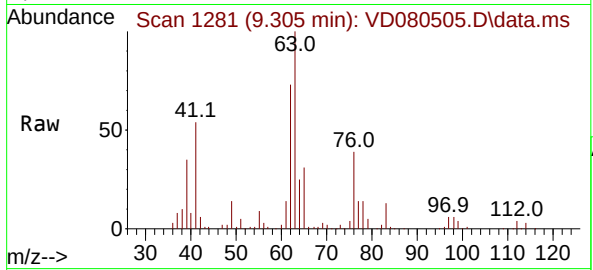




#45
1,2-Dichloropropane
Concen: 48.428 ug/l
RT: 9.305 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

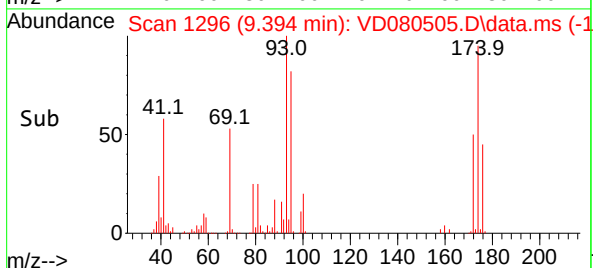
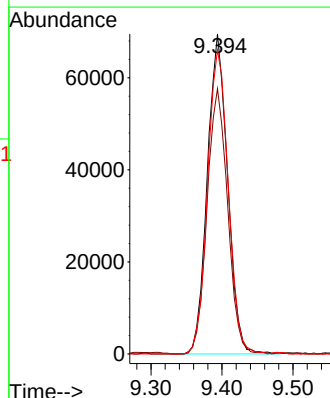
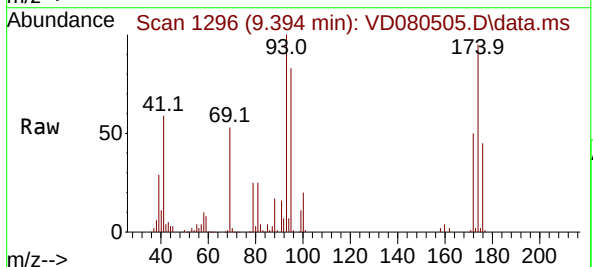
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

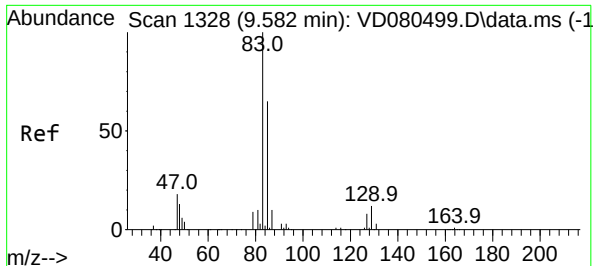
Tgt Ion: 63 Resp: 258122
Ion Ratio Lower Upper
63 100
65 31.3 24.9 37.3



#46
Dibromomethane
Concen: 48.288 ug/l
RT: 9.394 min Scan# 1296
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion: 93 Resp: 137887
Ion Ratio Lower Upper
93 100
95 84.1 66.3 99.5
174 97.1 74.8 112.2





#47

Bromodichloromethane

Concen: 50.552 ug/l

RT: 9.582 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080505.D

Acq: 04 Sep 2025 08:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

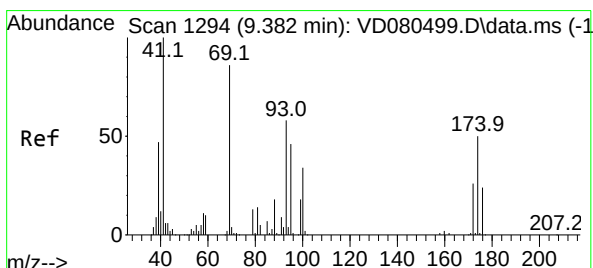
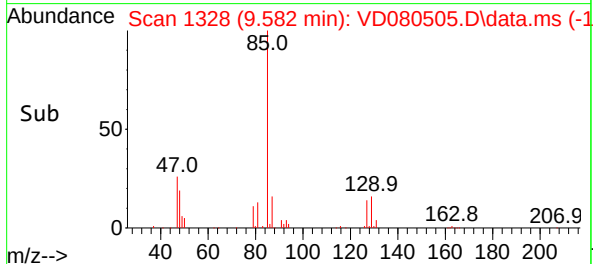
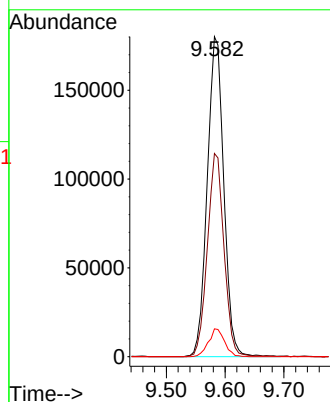
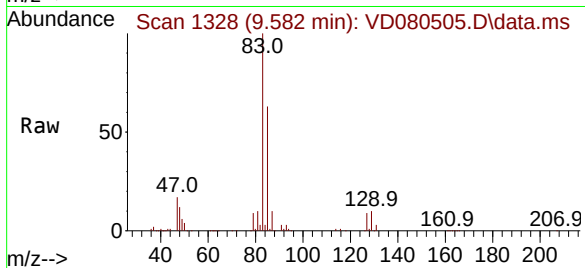
Tgt Ion: 83 Resp: 351911

Ion Ratio Lower Upper

83 100

85 63.5 52.2 78.2

127 8.7 6.6 9.8



#48

Methyl methacrylate

Concen: 46.108 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VD080505.D

Acq: 04 Sep 2025 08:57

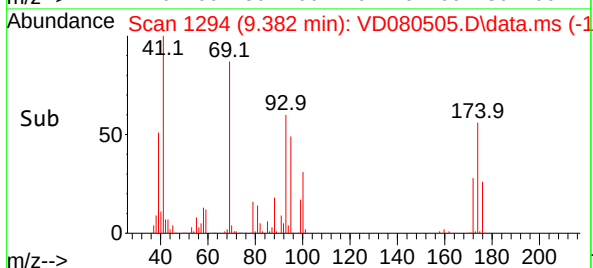
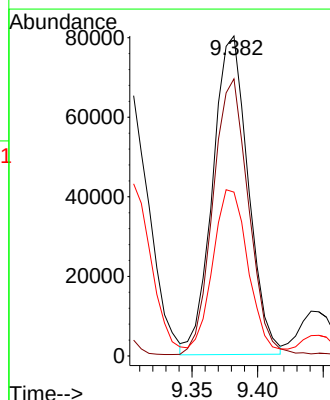
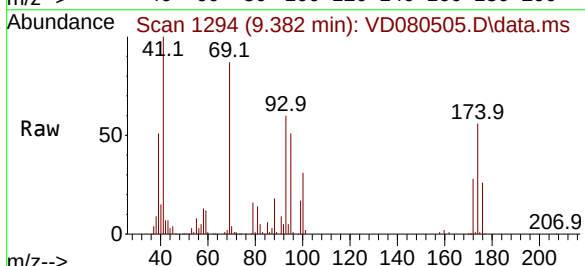
Tgt Ion: 41 Resp: 151018

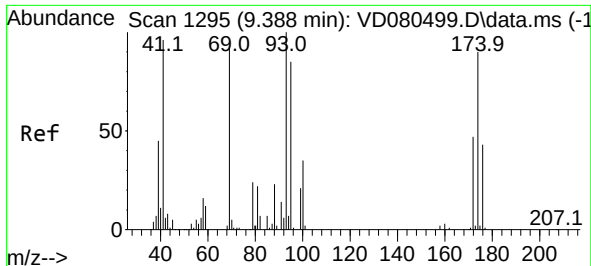
Ion Ratio Lower Upper

41 100

69 87.7 68.7 103.1

39 48.8 36.5 54.7





#49

1,4-Dioxane

Concen: 938.748 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VD080505.D

Acq: 04 Sep 2025 08:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

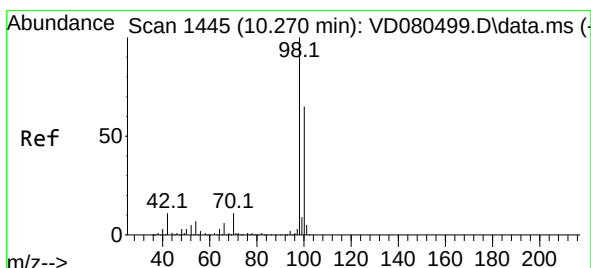
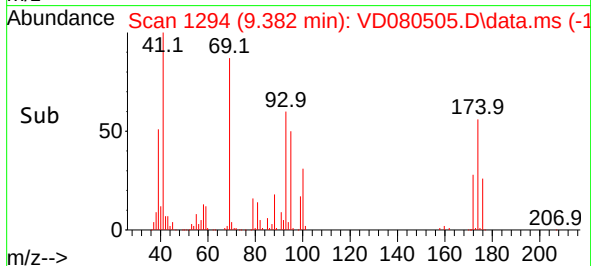
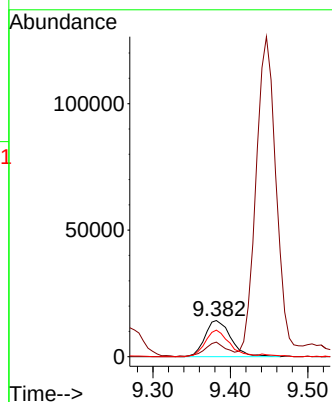
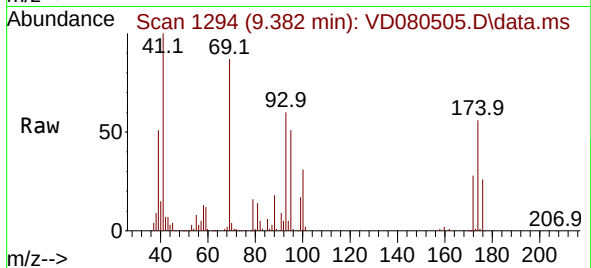
Tgt Ion: 88 Resp: 33140

Ion Ratio Lower Upper

88 100

43 33.7 26.1 39.1

58 68.6 54.2 81.2



#50

Toluene-d8

Concen: 47.706 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080505.D

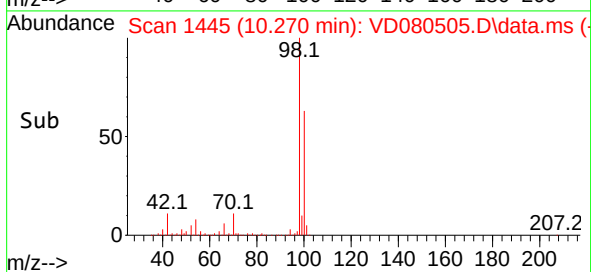
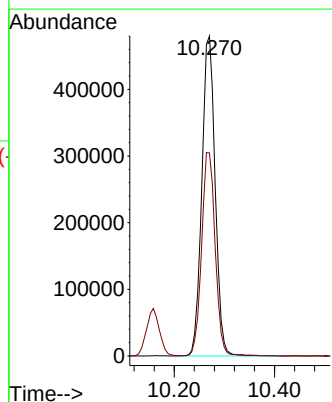
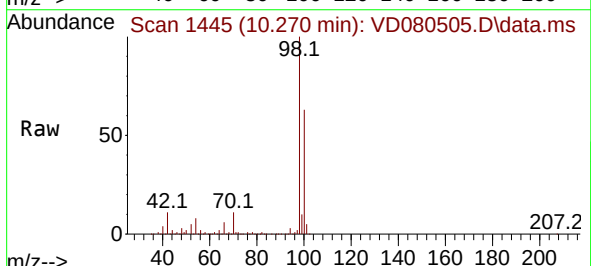
Acq: 04 Sep 2025 08:57

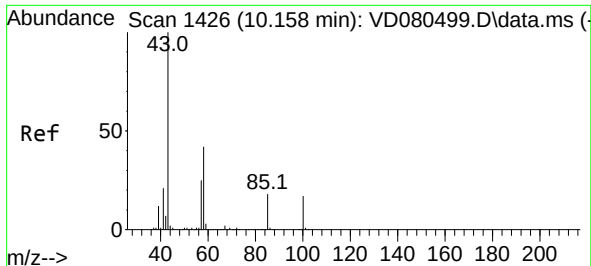
Tgt Ion: 98 Resp: 885724

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.6

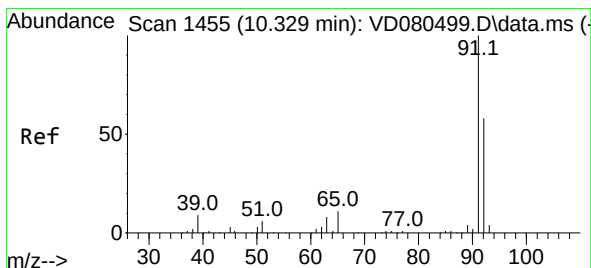
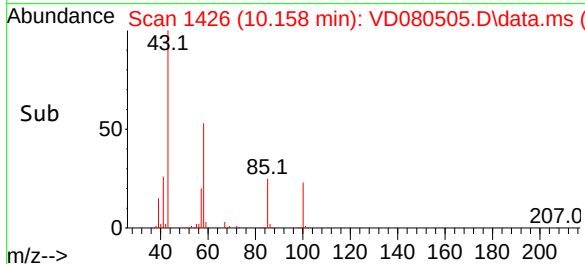
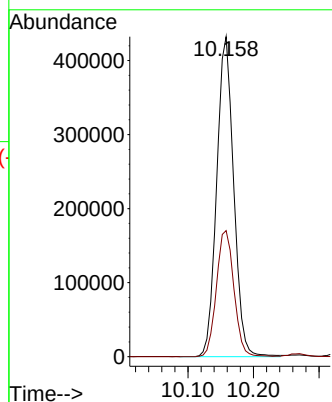
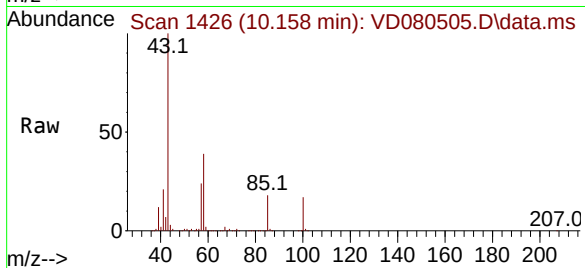




#51
4-Methyl-2-Pentanone
Concen: 235.536 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

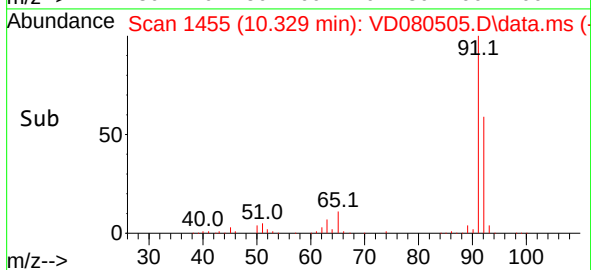
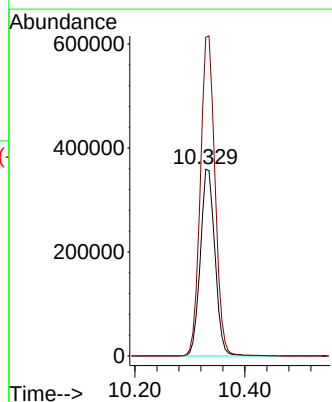
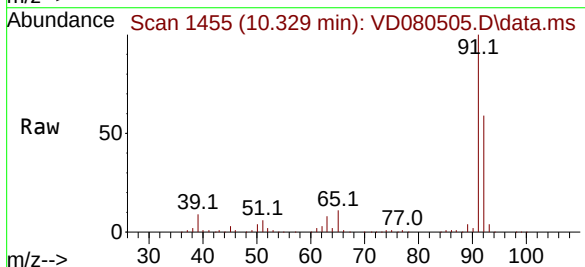
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

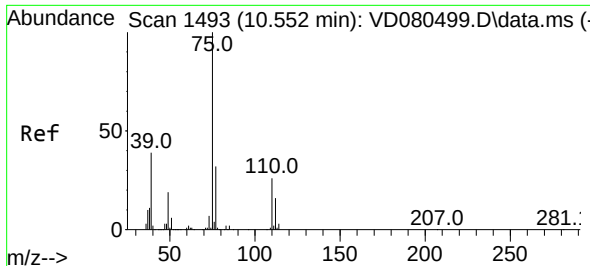
Tgt Ion: 43 Resp: 776102
Ion Ratio Lower Upper
43 100
58 40.6 32.8 49.2



#52
Toluene
Concen: 49.425 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion: 92 Resp: 662437
Ion Ratio Lower Upper
92 100
91 172.8 138.8 208.2

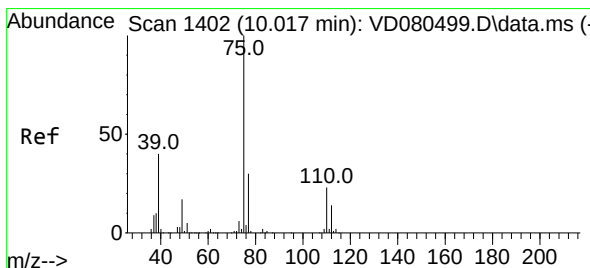
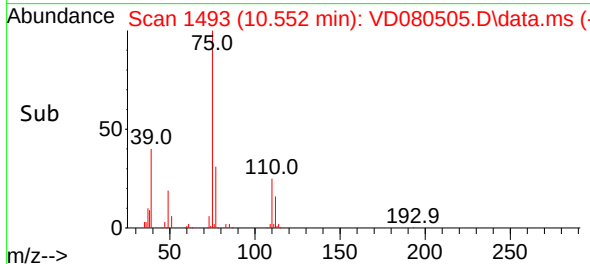
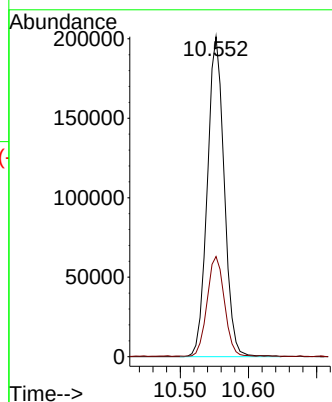
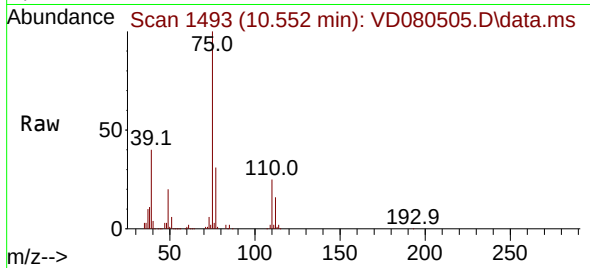




#53
t-1,3-Dichloropropene
Concen: 48.877 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

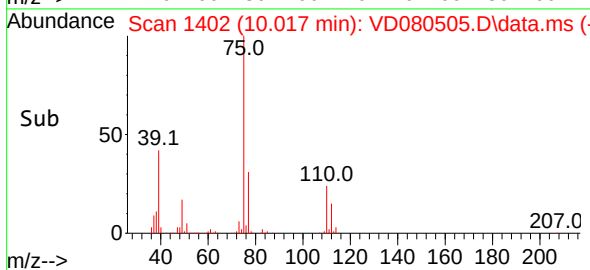
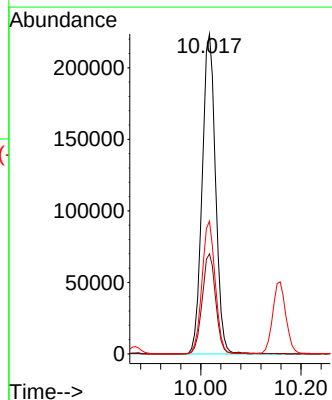
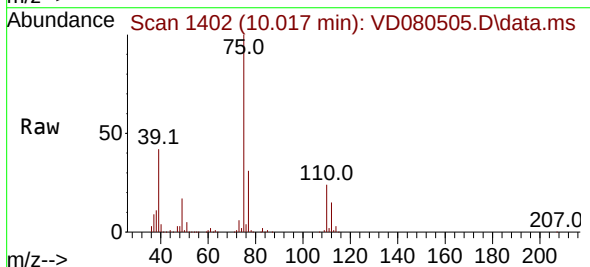
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

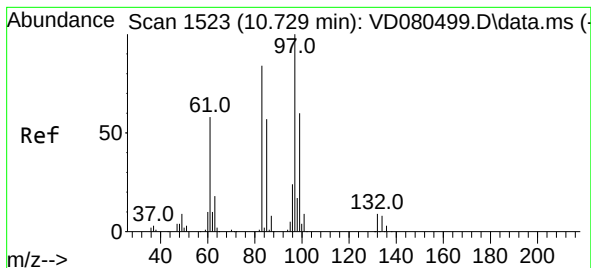
Tgt Ion: 75 Resp: 346760
Ion Ratio Lower Upper
75 100
77 31.1 25.9 38.9



#54
cis-1,3-Dichloropropene
Concen: 48.827 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion: 75 Resp: 414265
Ion Ratio Lower Upper
75 100
77 31.3 24.2 36.4
39 41.4 31.8 47.6

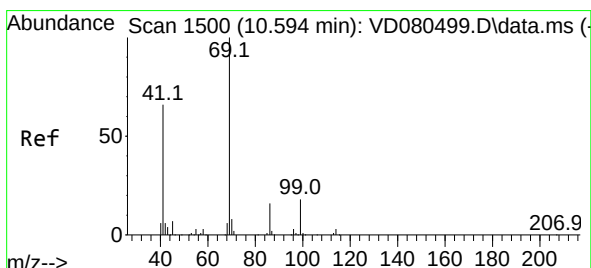
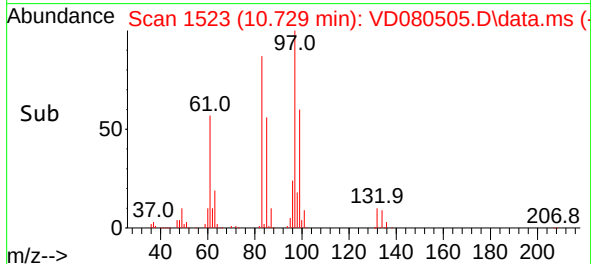
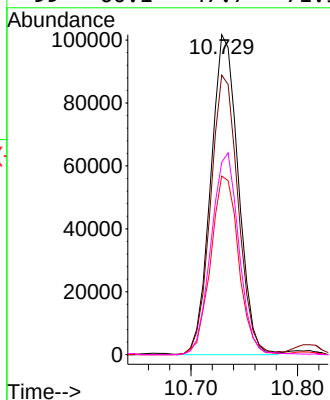
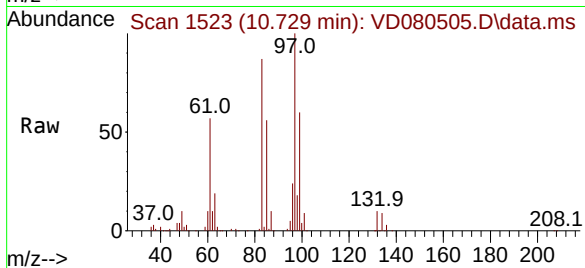




#55
1,1,2-Trichloroethane
Concen: 47.700 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

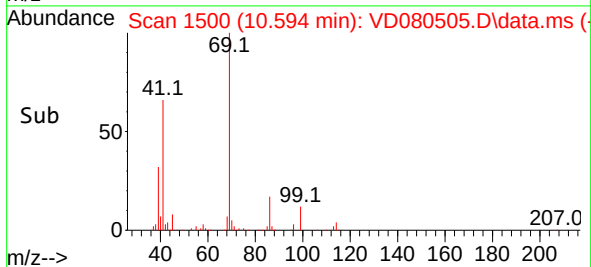
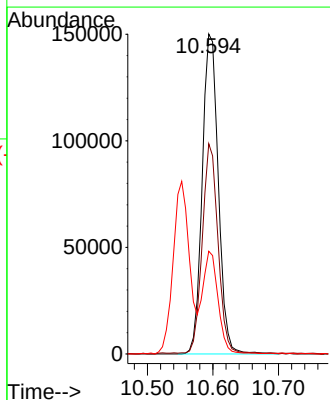
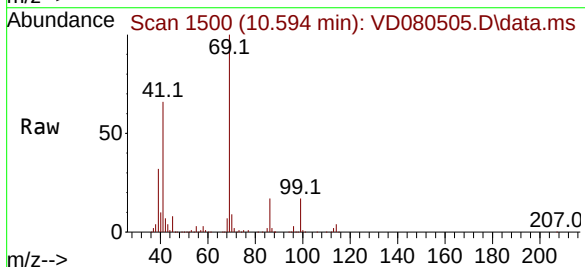
Instrument : MSVOA_D
ClientSampleId : VSTDCCC050

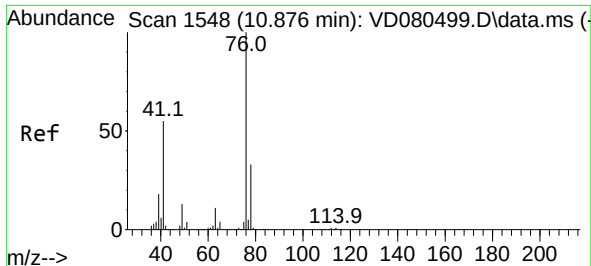
Tgt Ion:	97	Resp:	182624
Ion	Ratio	Lower	Upper
97	100		
83	87.1	67.0	100.6
85	55.9	45.6	68.4
99	60.1	47.7	71.5



#56
Ethyl methacrylate
Concen: 48.089 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion:	69	Resp:	256519
Ion	Ratio	Lower	Upper
69	100		
41	63.7	51.9	77.9
39	30.1	23.6	35.4





#57

1,3-Dichloropropane

Concen: 48.092 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. -0.000 min

Lab File: VD080505.D

Acq: 04 Sep 2025 08:57

Instrument :

MSVOA_D

ClientSampleId :

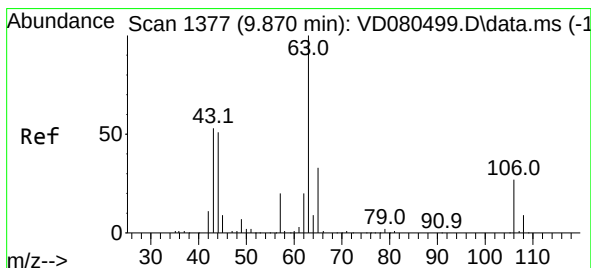
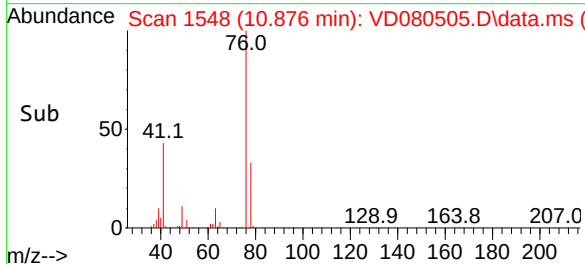
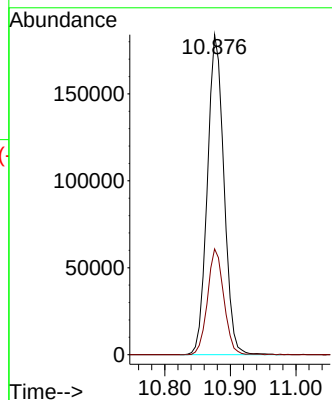
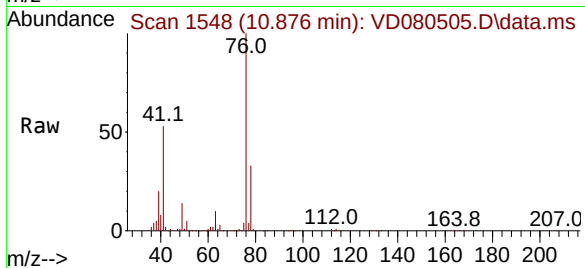
VSTDCCC050

Tgt Ion: 76 Resp: 323142

Ion Ratio Lower Upper

76 100

78 32.6 26.9 40.3



#58

2-Chloroethyl Vinyl ether

Concen: 238.561 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VD080505.D

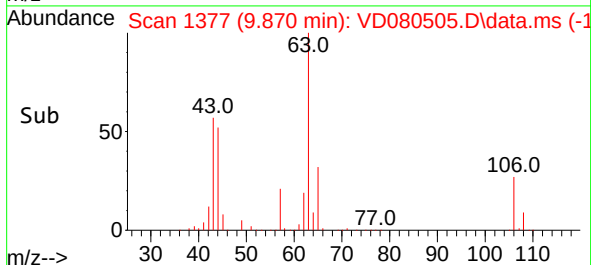
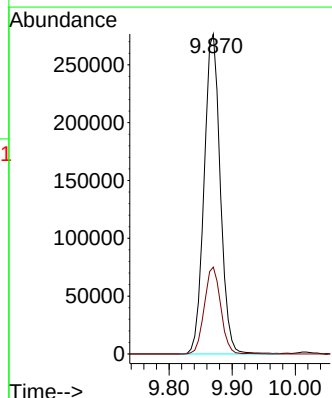
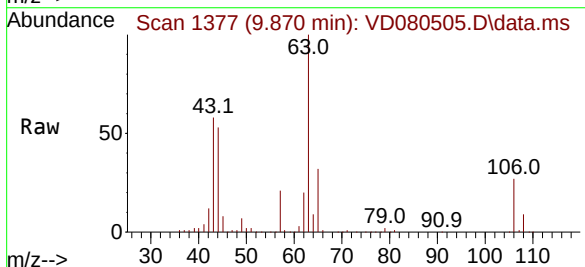
Acq: 04 Sep 2025 08:57

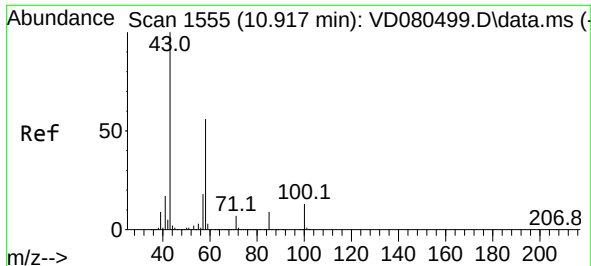
Tgt Ion: 63 Resp: 492446

Ion Ratio Lower Upper

63 100

106 27.4 22.1 33.1

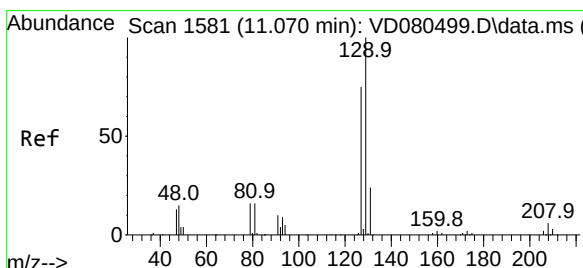
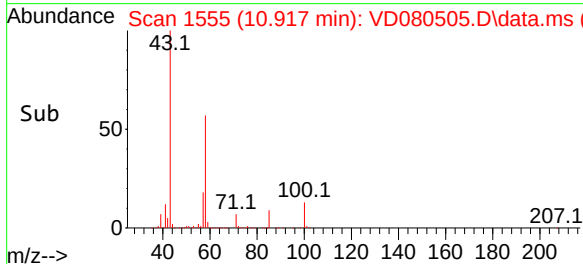
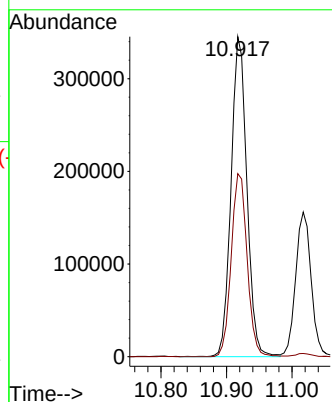
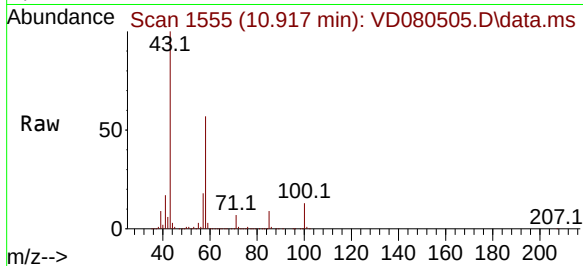




#59
2-Hexanone
Concen: 247.355 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

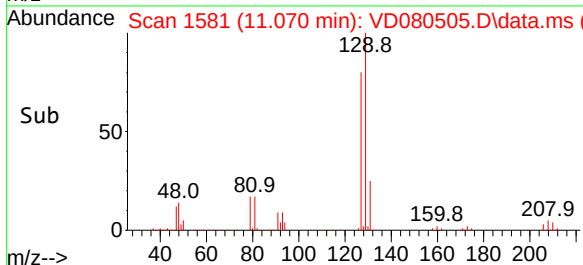
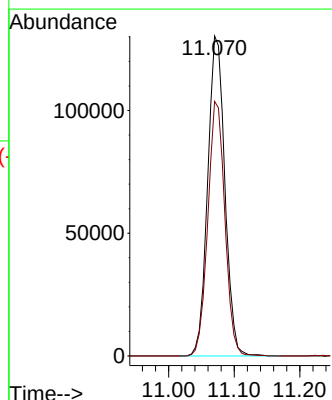
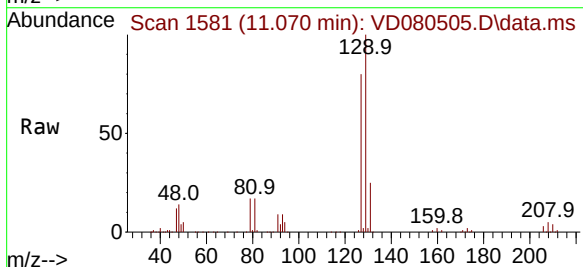
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

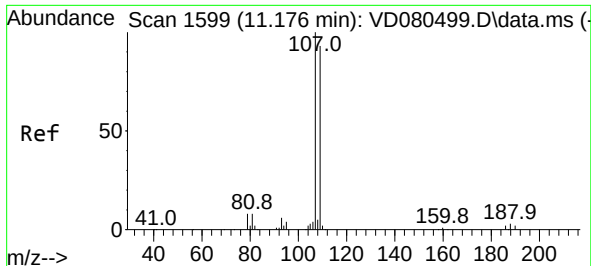
Tgt Ion: 43 Resp: 579109
Ion Ratio Lower Upper
43 100
58 57.6 28.3 85.0



#60
Dibromochloromethane
Concen: 49.203 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion: 129 Resp: 237404
Ion Ratio Lower Upper
129 100
127 79.0 38.6 115.7

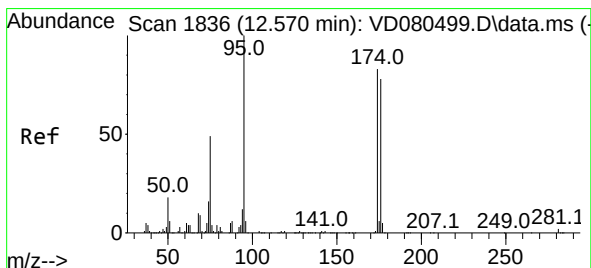
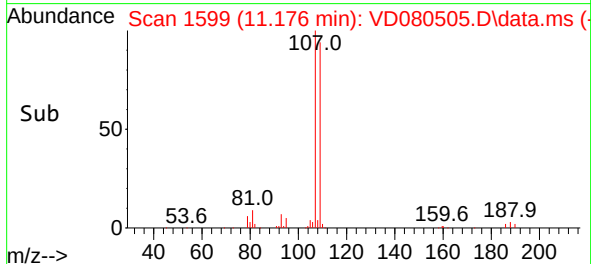
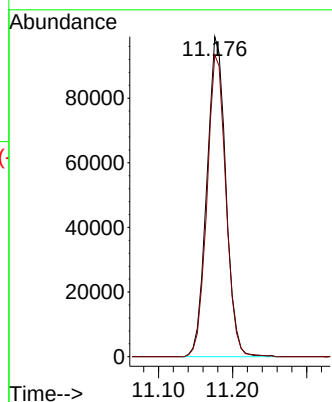
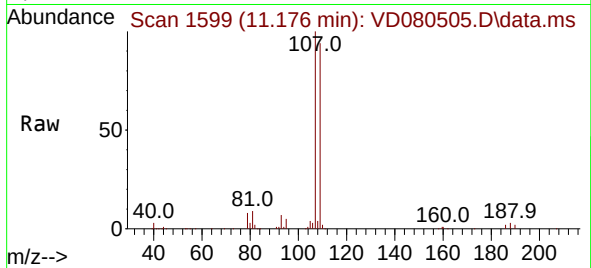




#61
1,2-Dibromoethane
Concen: 48.393 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

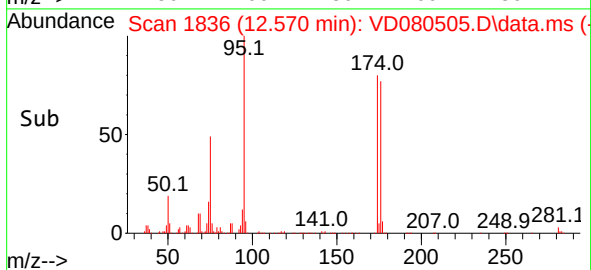
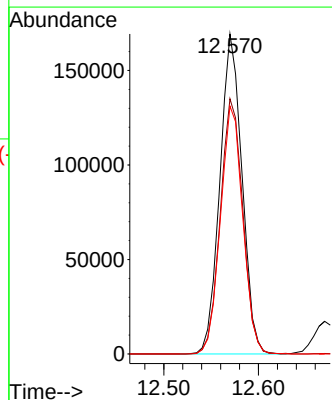
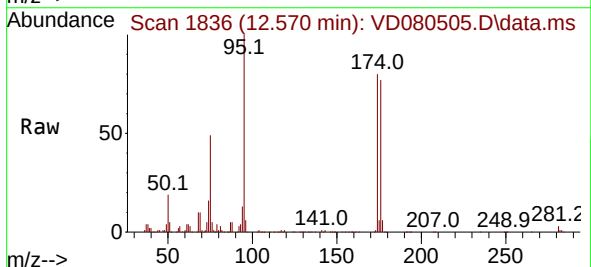
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

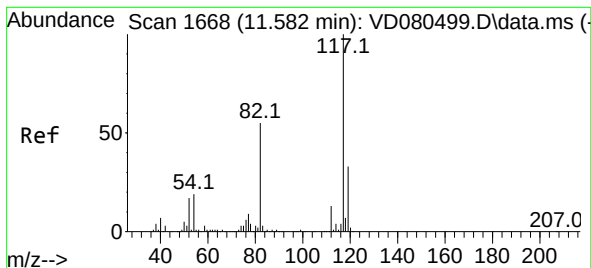
Tgt Ion:107 Resp: 176293
Ion Ratio Lower Upper
107 100
109 93.8 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 46.964 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion: 95 Resp: 274907
Ion Ratio Lower Upper
95 100
174 81.3 0.0 162.6
176 78.2 0.0 156.0

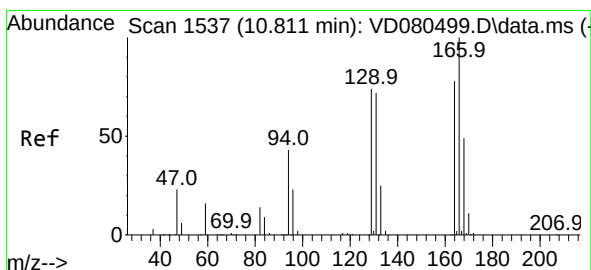
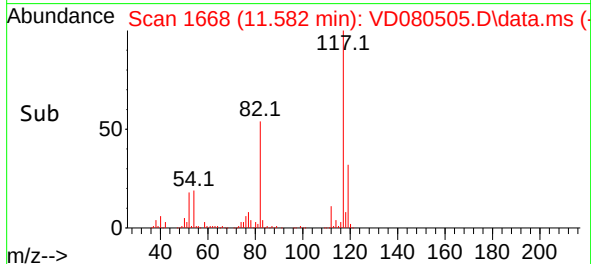
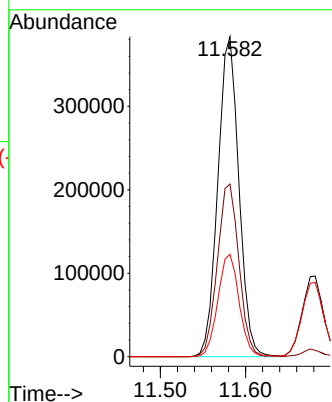
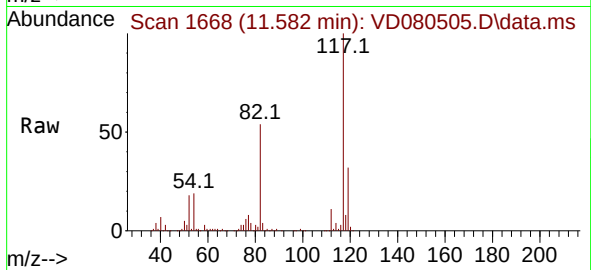




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

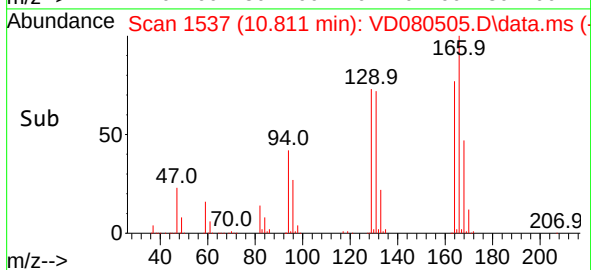
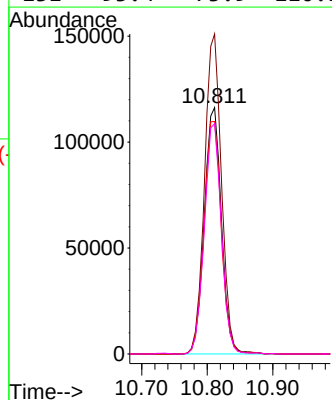
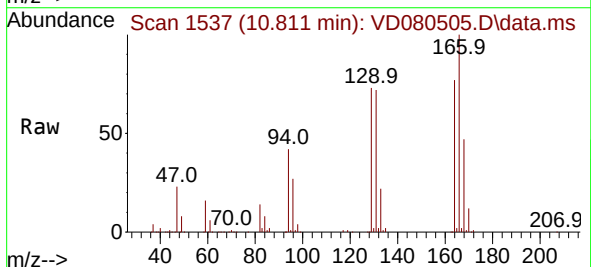
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

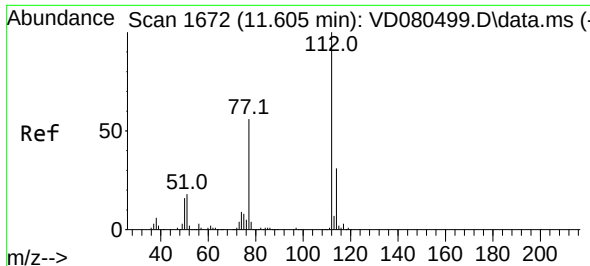
Tgt Ion:117 Resp: 658522
Ion Ratio Lower Upper
117 100
82 53.9 43.8 65.6
119 32.0 26.1 39.1



#64
Tetrachloroethene
Concen: 52.247 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion:164 Resp: 212476
Ion Ratio Lower Upper
164 100
166 129.8 103.1 154.7
129 94.3 76.2 114.2
131 93.4 73.9 110.9

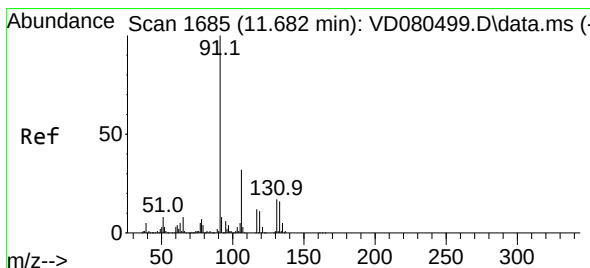
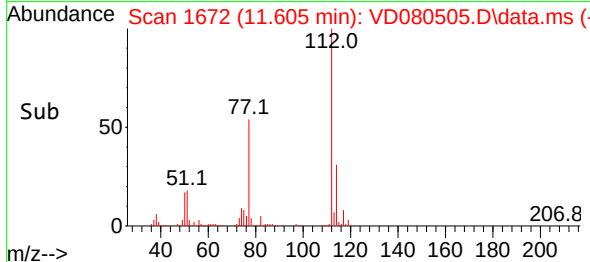
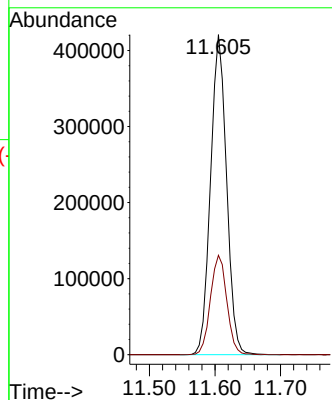
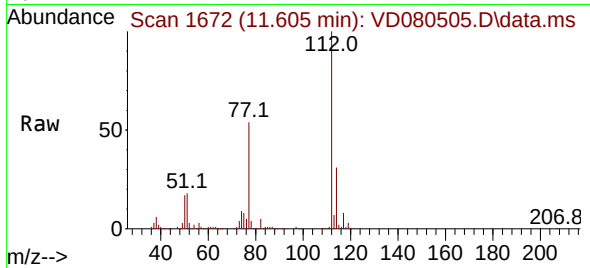




#65
Chlorobenzene
Concen: 50.785 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

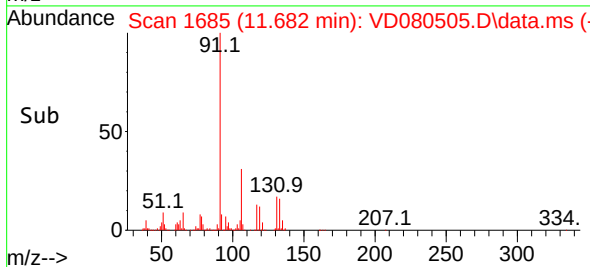
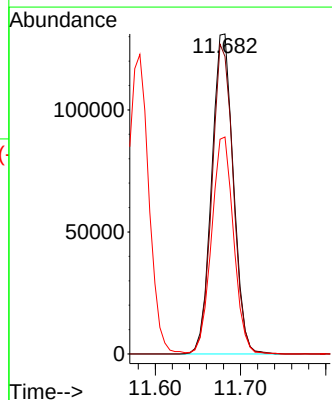
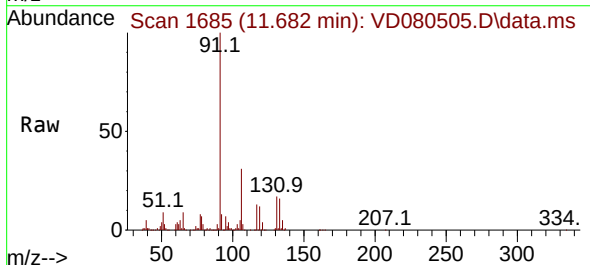
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

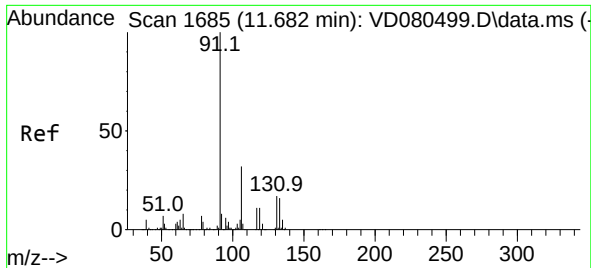
Tgt Ion:112 Resp: 712661
Ion Ratio Lower Upper
112 100
114 31.0 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.740 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion:131 Resp: 231585
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.3
119 69.0 34.6 103.9

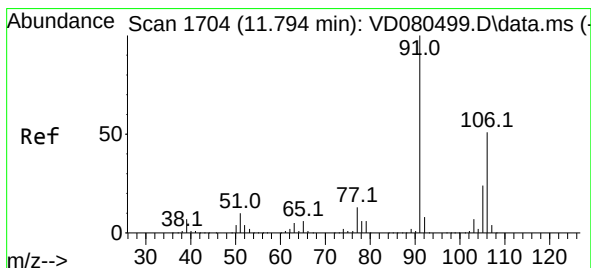
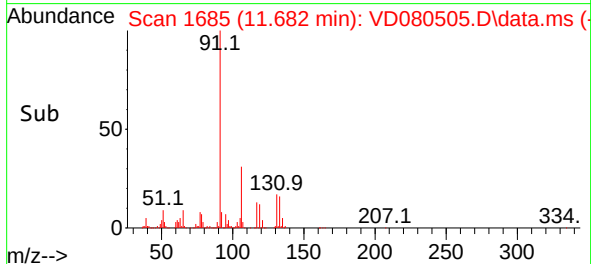
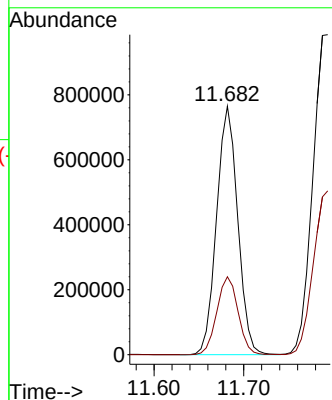
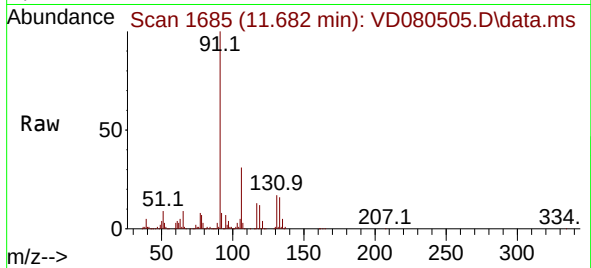




#67
Ethyl Benzene
Concen: 51.487 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

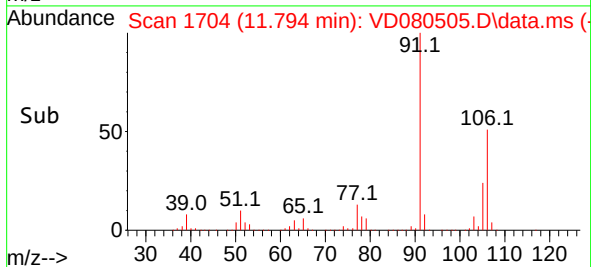
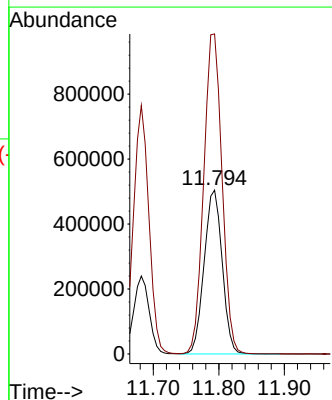
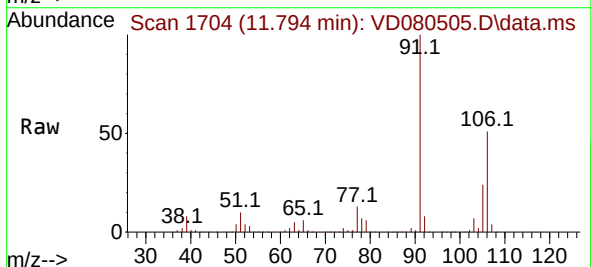
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

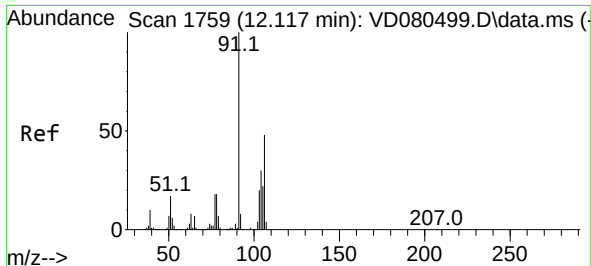
Tgt Ion: 91 Resp: 1250539
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.0



#68
m/p-Xylenes
Concen: 103.279 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion: 106 Resp: 965878
Ion Ratio Lower Upper
106 100
91 198.2 158.5 237.7

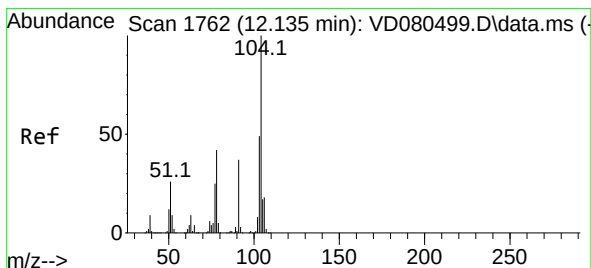
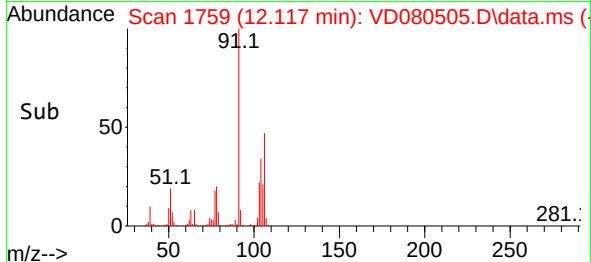
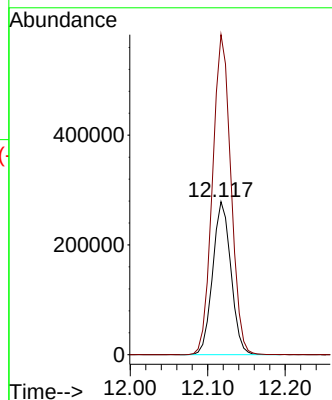
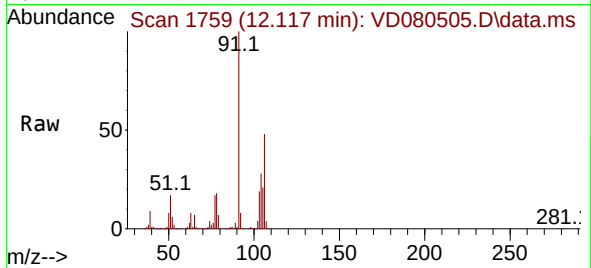




#69
o-Xylene
Concen: 51.019 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

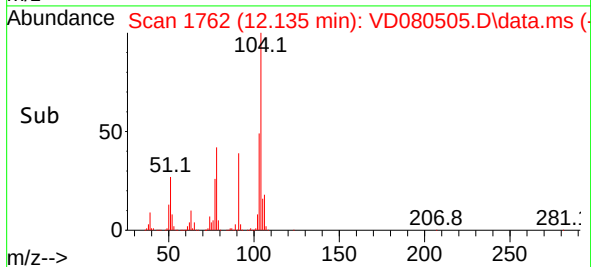
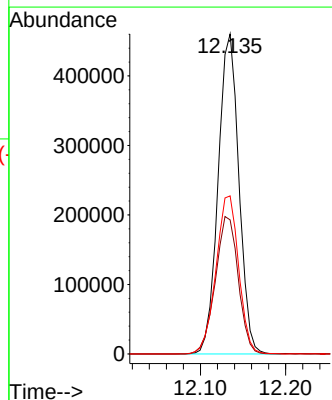
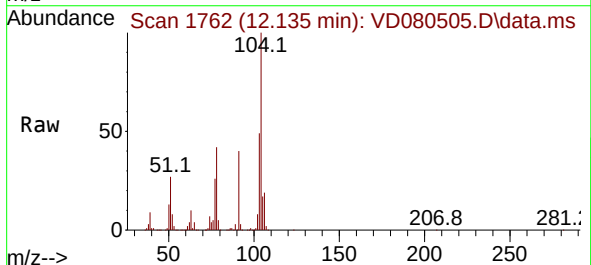
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

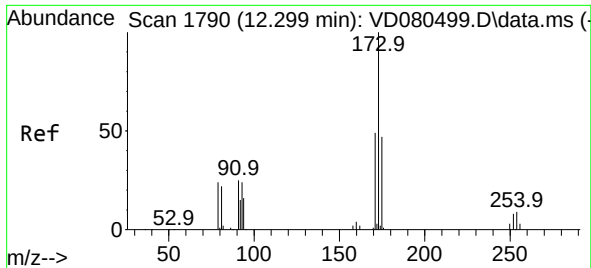
Tgt Ion:106 Resp: 455323
Ion Ratio Lower Upper
106 100
91 211.7 105.3 315.8



#70
Styrene
Concen: 51.270 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion:104 Resp: 778402
Ion Ratio Lower Upper
104 100
78 47.5 37.9 56.9
103 54.1 43.5 65.3

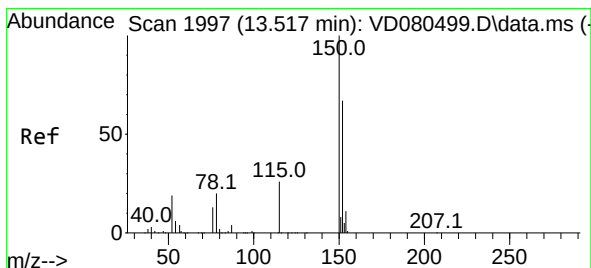
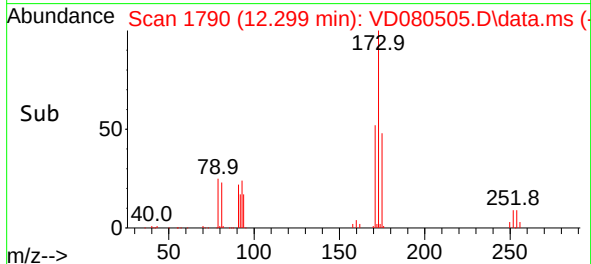
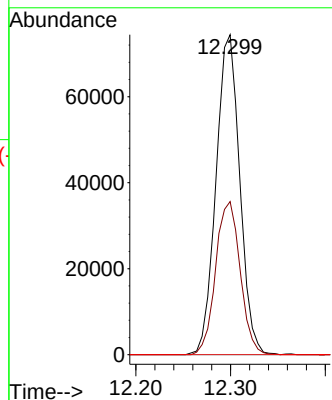
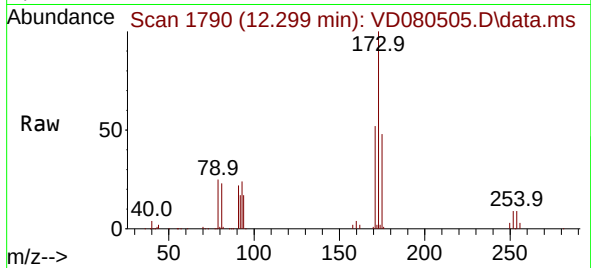




#71
Bromoform
Concen: 51.029 ug/l
RT: 12.299 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

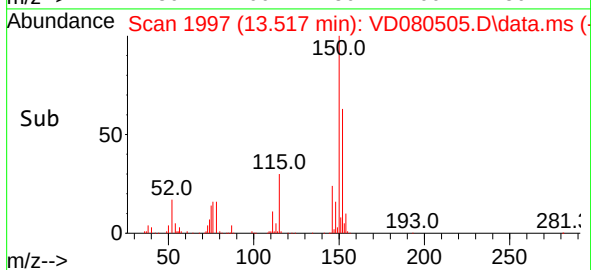
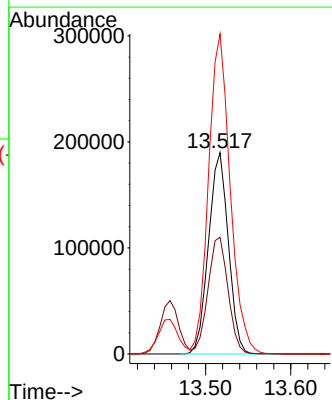
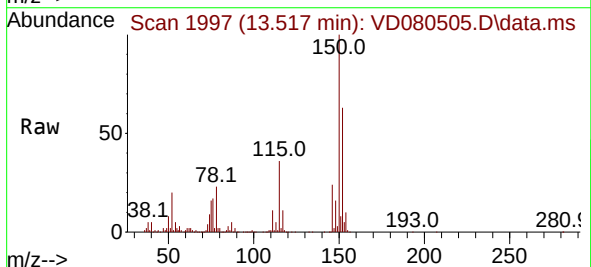
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

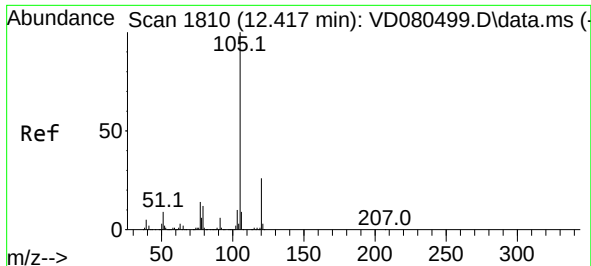
Tgt Ion:173 Resp: 129810
Ion Ratio Lower Upper
173 100
175 49.4 23.9 71.7
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion:152 Resp: 307009
Ion Ratio Lower Upper
152 100
115 58.8 29.0 87.0
150 173.2 0.0 345.0

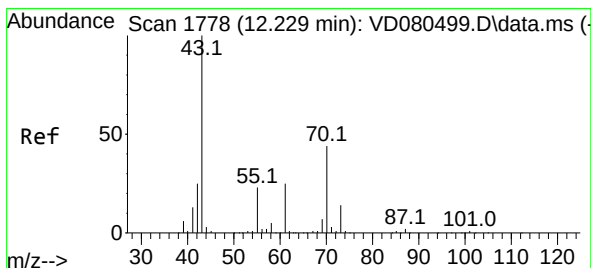
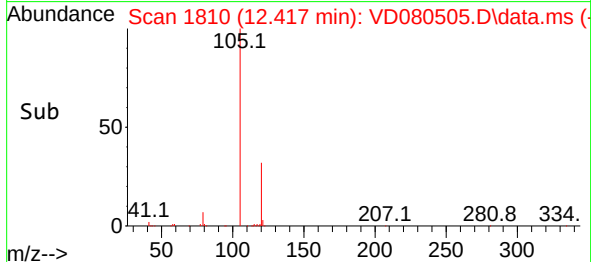
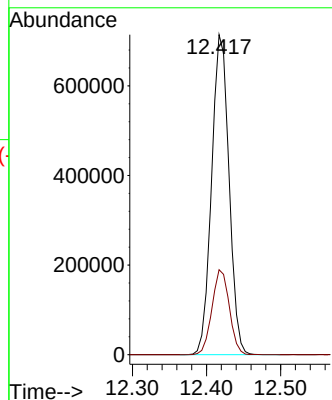
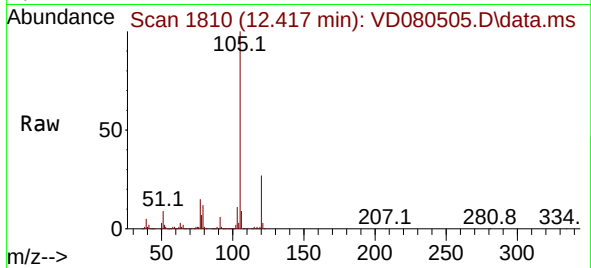




#73
Isopropylbenzene
Concen: 51.756 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

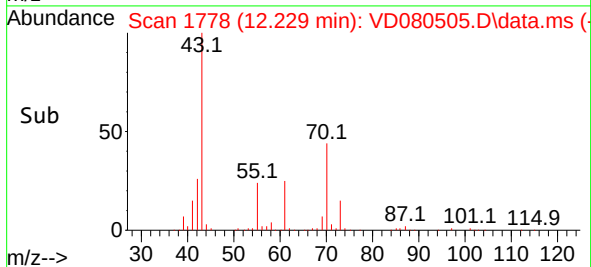
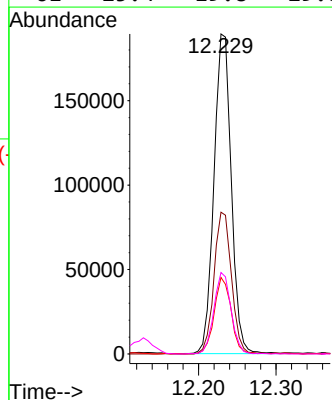
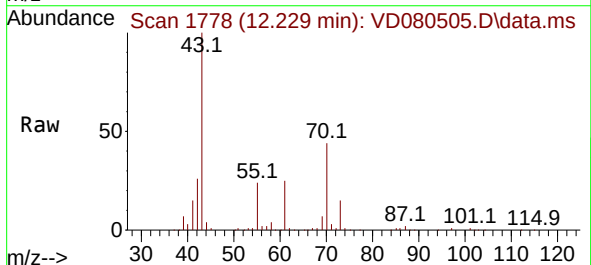
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

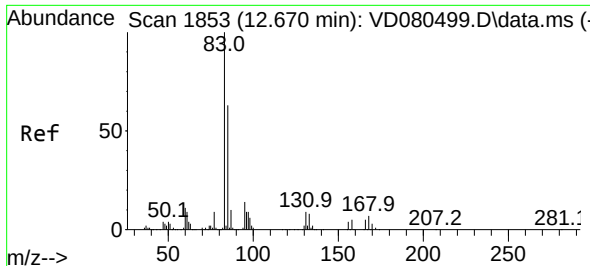
Tgt Ion:105 Resp: 1164174
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4



#74
N-ethyl acetate
Concen: 49.129 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion: 43 Resp: 293255
Ion Ratio Lower Upper
43 100
70 45.0 35.4 53.0
55 23.5 18.6 28.0
61 25.4 19.8 29.8

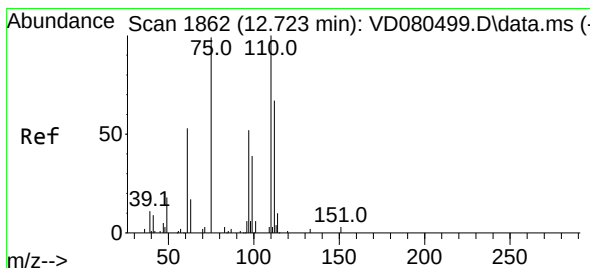
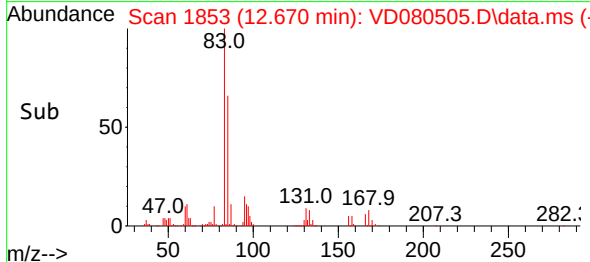
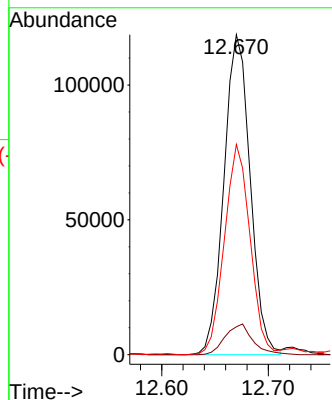
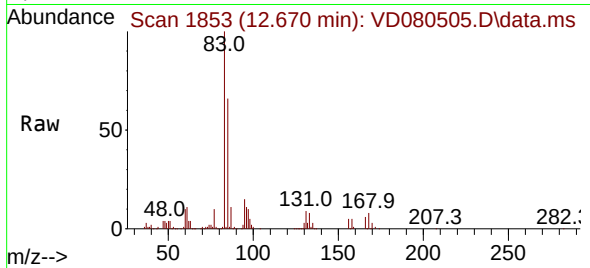




#75
1,1,2,2-Tetrachloroethane
Concen: 48.593 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

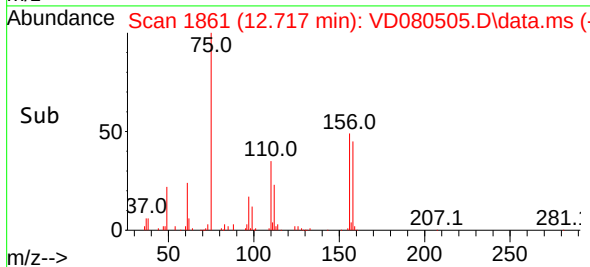
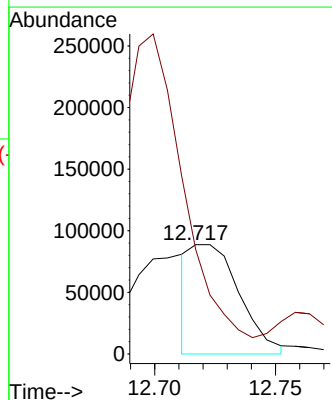
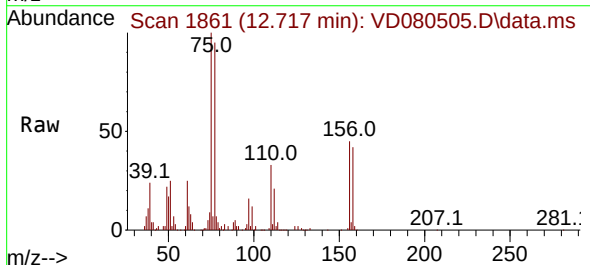
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

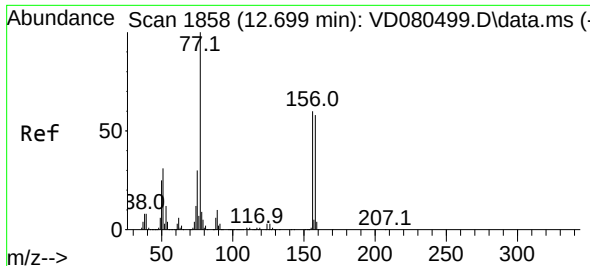
Tgt Ion: 83 Resp: 203216
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.3 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 49.705 ug/l m
RT: 12.717 min Scan# 1861
Delta R.T. -0.006 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion: 75 Resp: 124544
Ion Ratio Lower Upper
75 100
77 395.6 0.0 0.0#

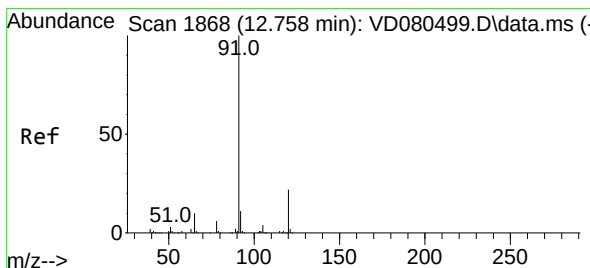
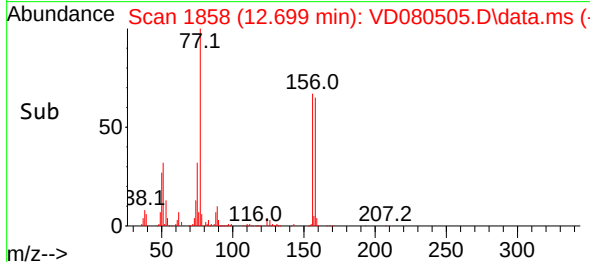
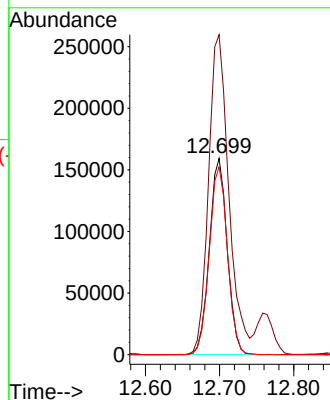
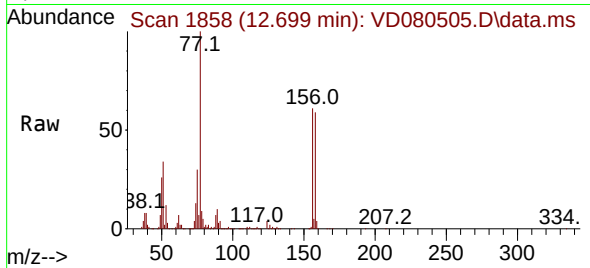




#77
Bromobenzene
Concen: 51.276 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

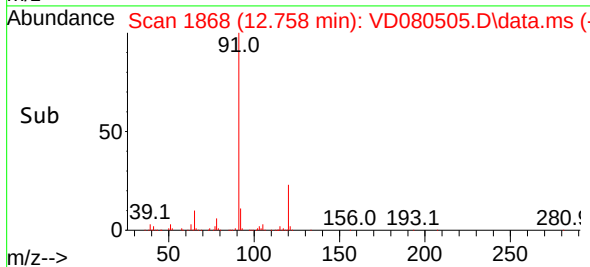
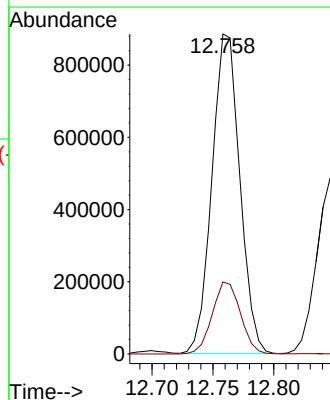
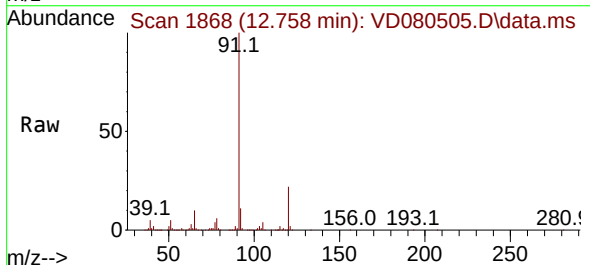
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

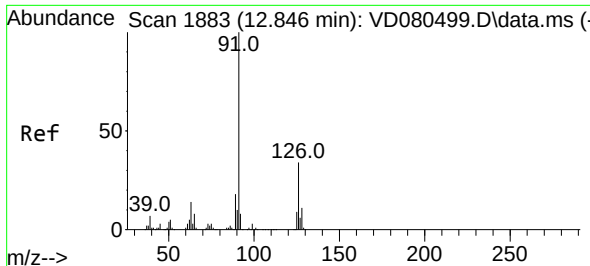
Tgt Ion:156 Resp: 266861
Ion Ratio Lower Upper
156 100
77 184.6 92.5 277.3
158 97.0 47.9 143.6



#78
n-propylbenzene
Concen: 51.703 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion: 91 Resp: 1412193
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9

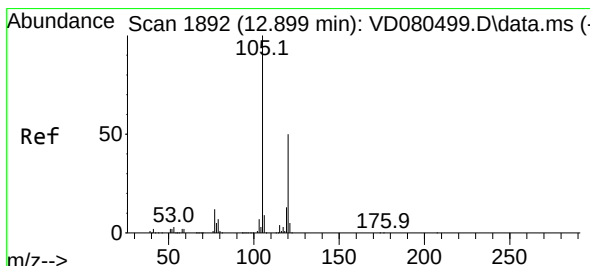
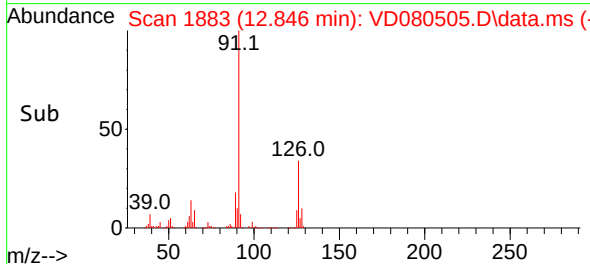
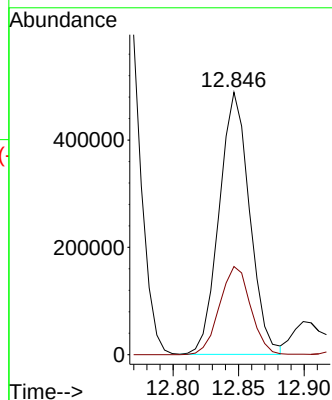
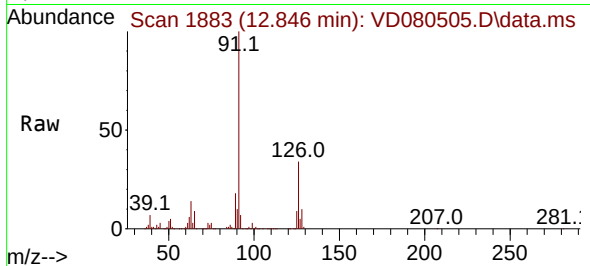




#79
2-Chlorotoluene
Concen: 50.797 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

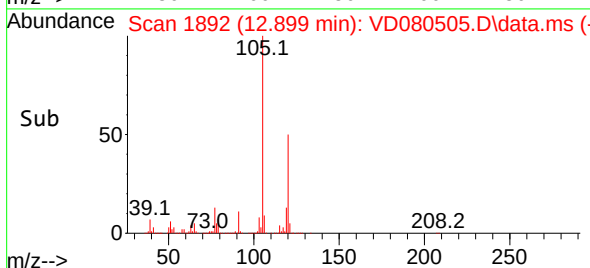
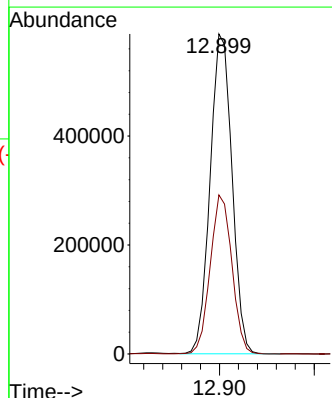
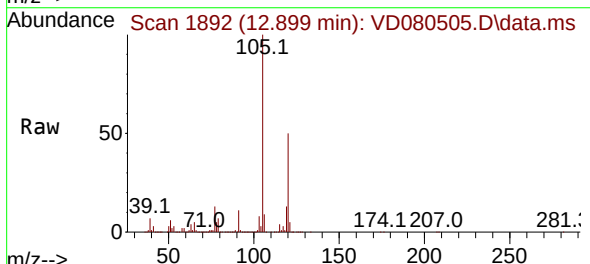
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

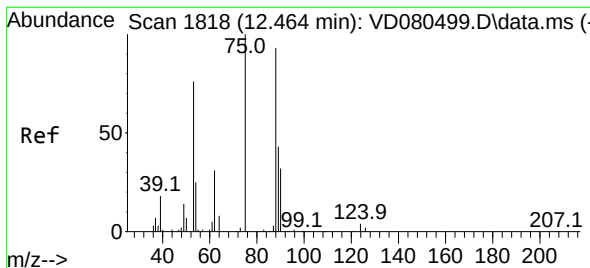
Tgt Ion: 91 Resp: 790609
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 51.430 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion:105 Resp: 940037
Ion Ratio Lower Upper
105 100
120 49.4 24.7 74.1

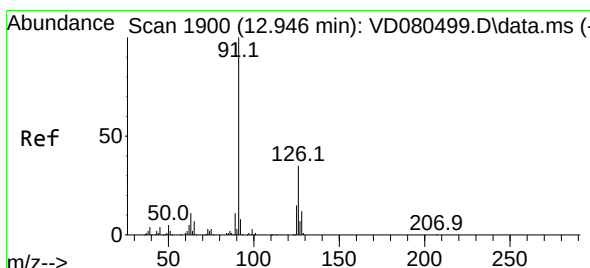
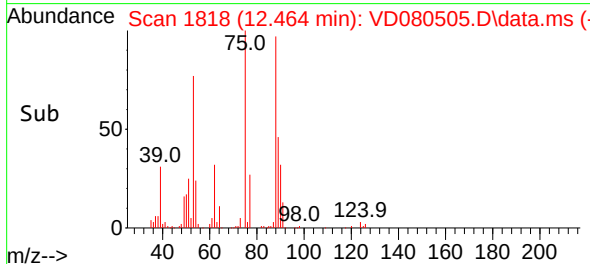
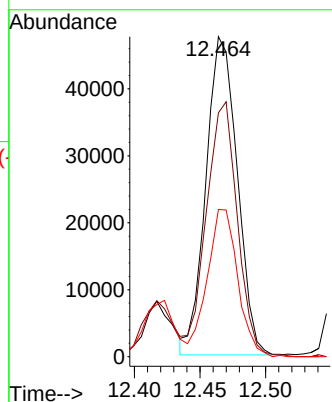
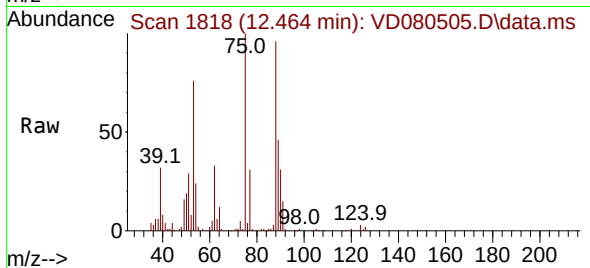




#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.879 ug/l
 RT: 12.464 min Scan# 1818
 Delta R.T. -0.000 min
 Lab File: VD080505.D
 Acq: 04 Sep 2025 08:57

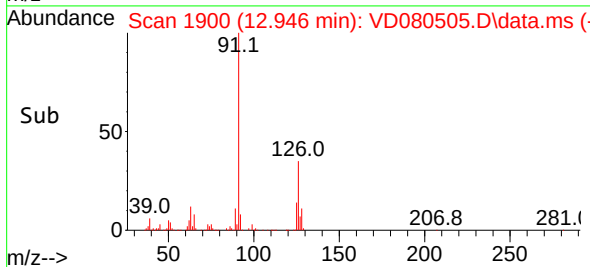
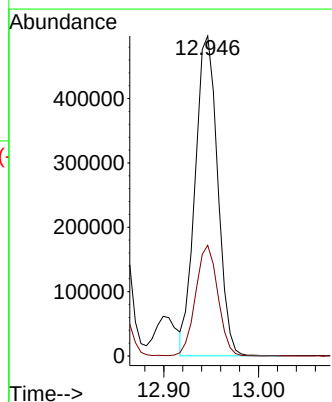
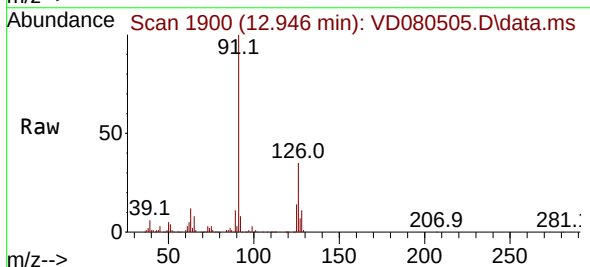
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

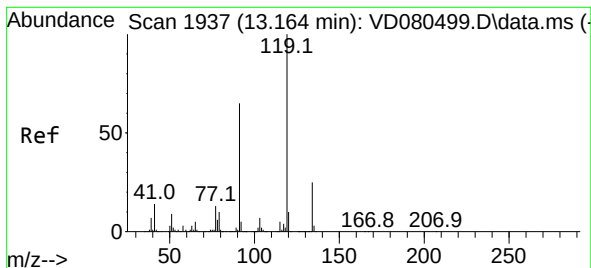
Tgt Ion: 75 Resp: 79042
 Ion Ratio Lower Upper
 75 100
 53 79.9 61.9 92.9
 89 44.9 34.6 52.0



#82
 4-Chlorotoluene
 Concen: 51.215 ug/l
 RT: 12.946 min Scan# 1900
 Delta R.T. -0.000 min
 Lab File: VD080505.D
 Acq: 04 Sep 2025 08:57

Tgt Ion: 91 Resp: 819903
 Ion Ratio Lower Upper
 91 100
 126 34.4 16.9 50.7





#83

tert-Butylbenzene

Concen: 51.997 ug/l

RT: 13.164 min Scan# 1937

Delta R.T. -0.000 min

Lab File: VD080505.D

Acq: 04 Sep 2025 08:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

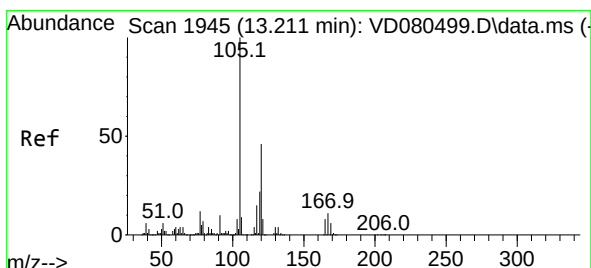
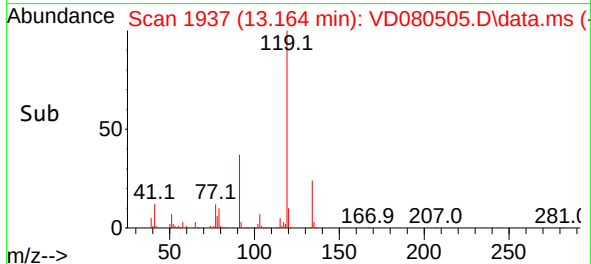
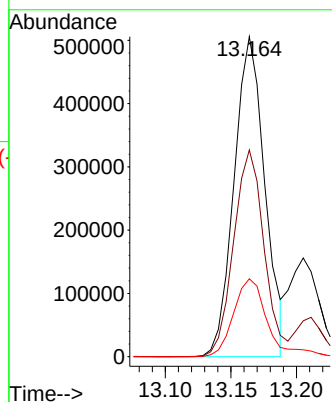
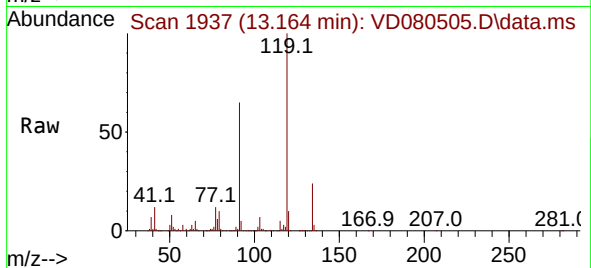
Tgt Ion:119 Resp: 824598

Ion Ratio Lower Upper

119 100

91 64.2 32.0 96.0

134 26.8 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 51.445 ug/l

RT: 13.211 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VD080505.D

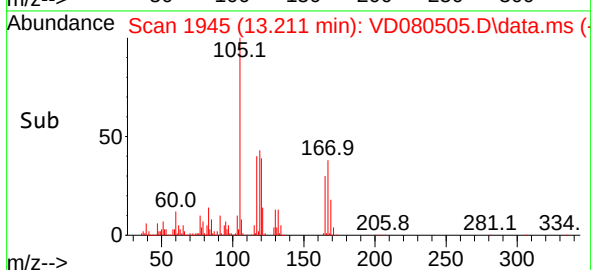
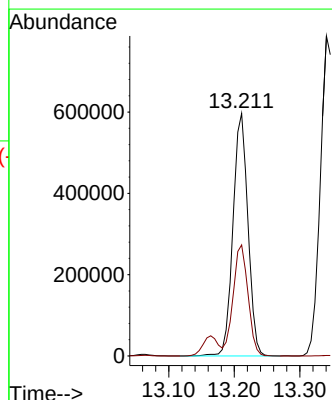
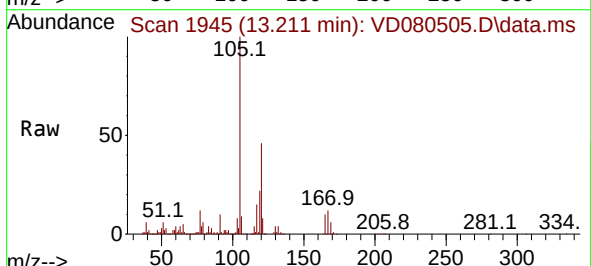
Acq: 04 Sep 2025 08:57

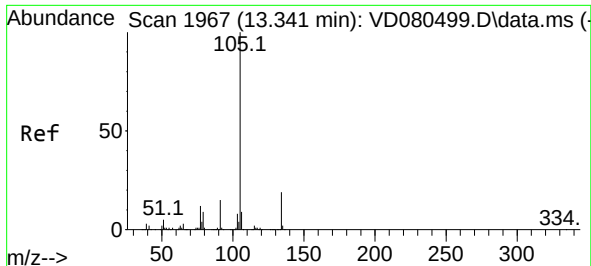
Tgt Ion:105 Resp: 946802

Ion Ratio Lower Upper

105 100

120 45.5 22.5 67.5

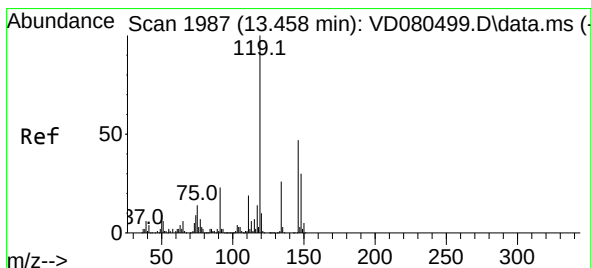
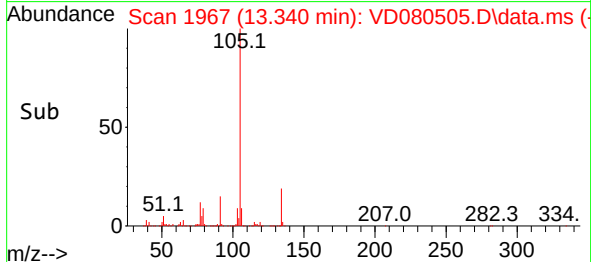
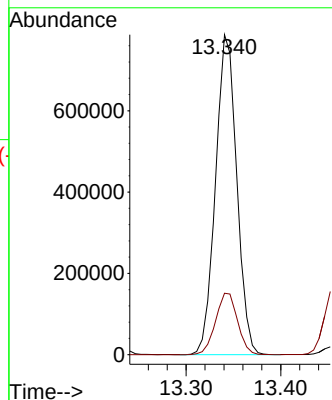
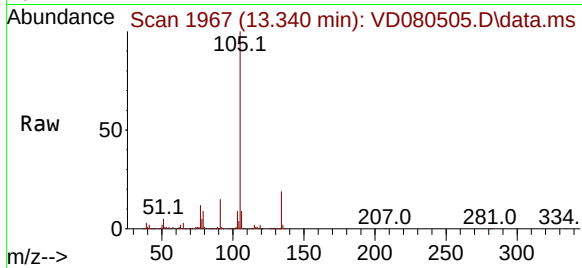




#85
 sec-Butylbenzene
 Concen: 51.845 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. -0.000 min
 Lab File: VD080505.D
 Acq: 04 Sep 2025 08:57

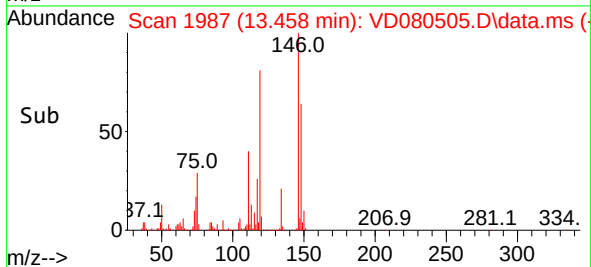
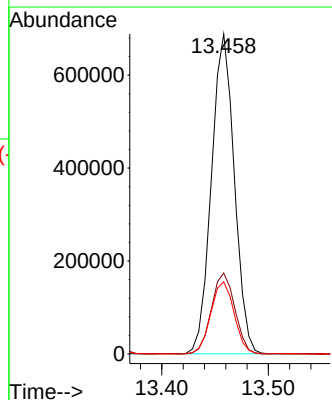
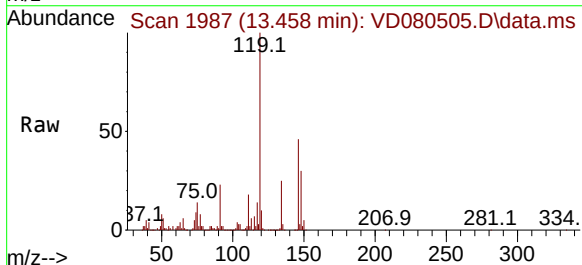
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

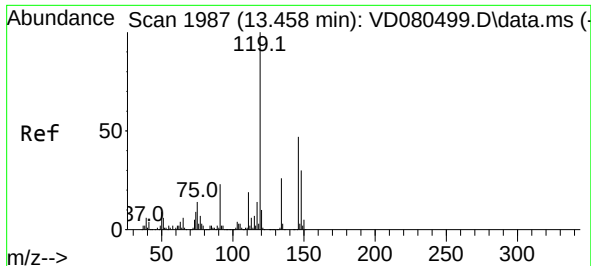
Tgt Ion:105 Resp: 1227110
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 51.823 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080505.D
 Acq: 04 Sep 2025 08:57

Tgt Ion:119 Resp: 1026038
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 23.1 11.2 33.5

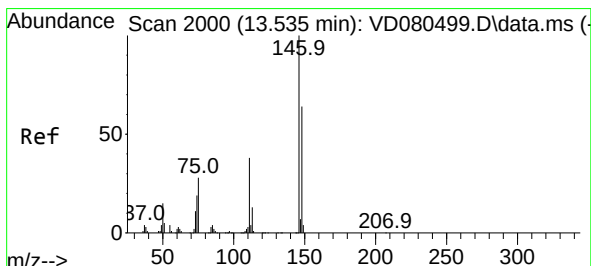
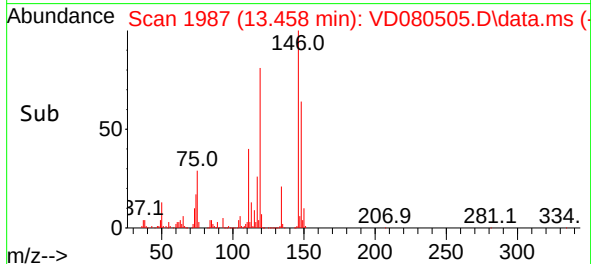
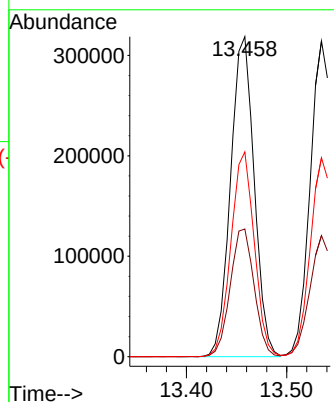
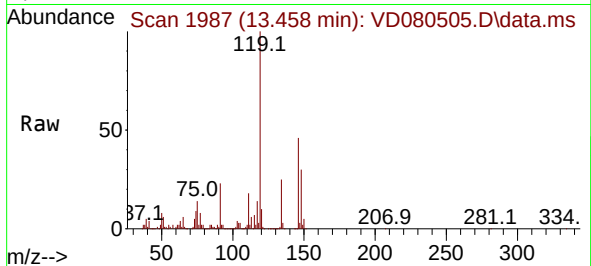




#87
 1,3-Dichlorobenzene
 Concen: 51.976 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080505.D
 Acq: 04 Sep 2025 08:57

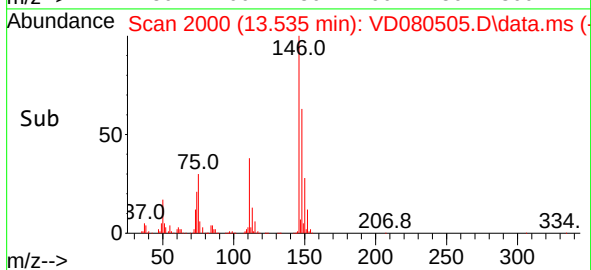
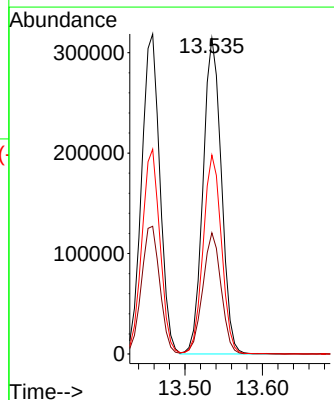
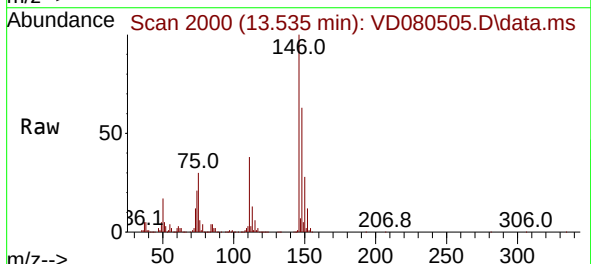
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

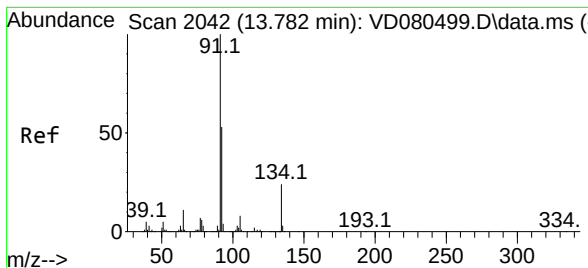
Tgt Ion:146 Resp: 521552
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.9 59.6
 148 63.4 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 51.234 ug/l
 RT: 13.535 min Scan# 2000
 Delta R.T. -0.000 min
 Lab File: VD080505.D
 Acq: 04 Sep 2025 08:57

Tgt Ion:146 Resp: 516243
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.4 58.1
 148 63.2 32.1 96.5

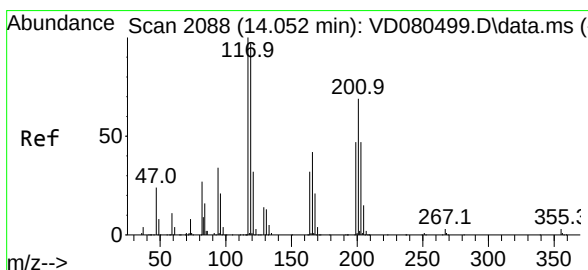
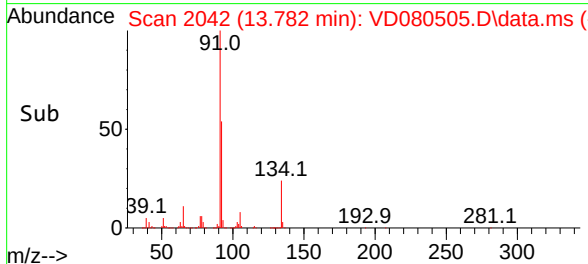
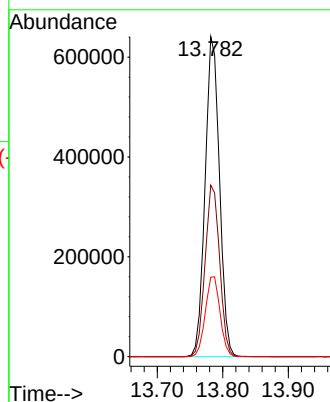
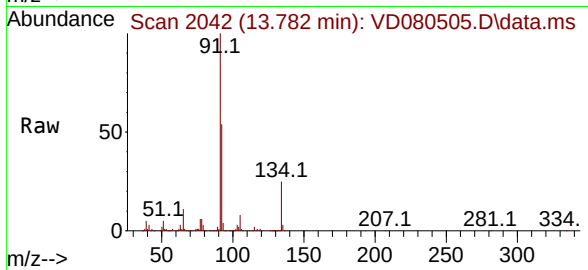




#89
n-Butylbenzene
Concen: 51.918 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

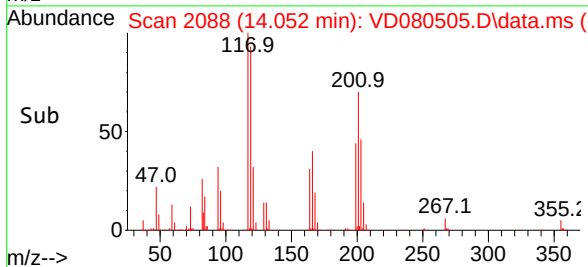
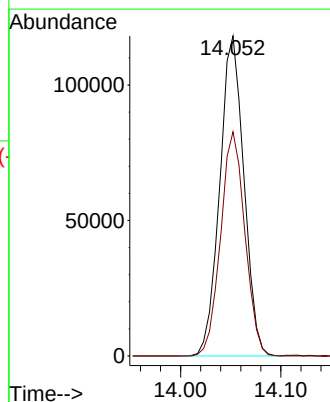
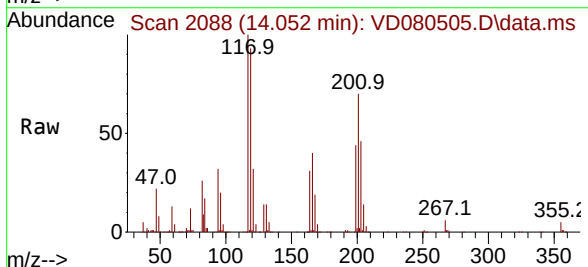
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

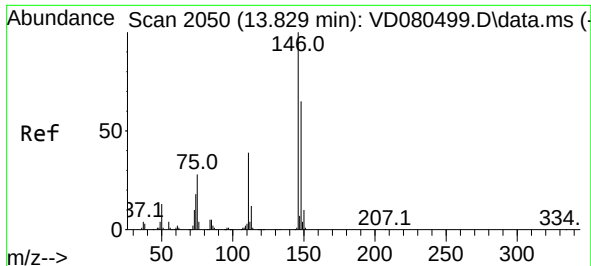
Tgt Ion: 91 Resp: 979202
Ion Ratio Lower Upper
91 100
92 54.4 26.6 79.8
134 25.6 12.4 37.2



#90
Hexachloroethane
Concen: 51.501 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion: 117 Resp: 197227
Ion Ratio Lower Upper
117 100
201 70.3 34.6 103.8





#91

1,2-Dichlorobenzene

Concen: 50.686 ug/l

RT: 13.829 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VD080505.D

Acq: 04 Sep 2025 08:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

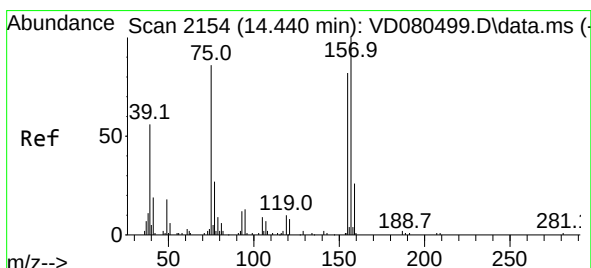
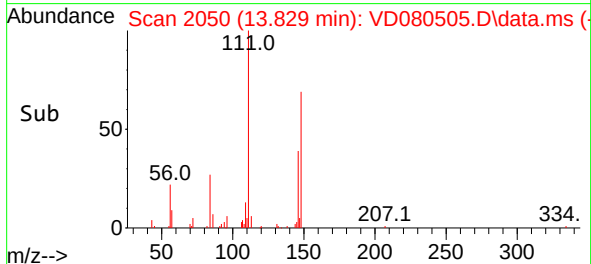
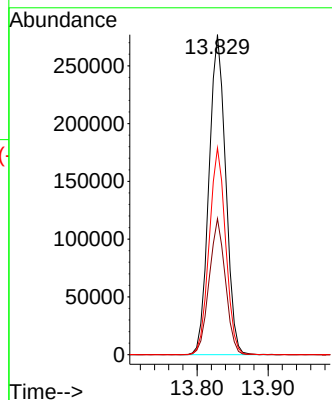
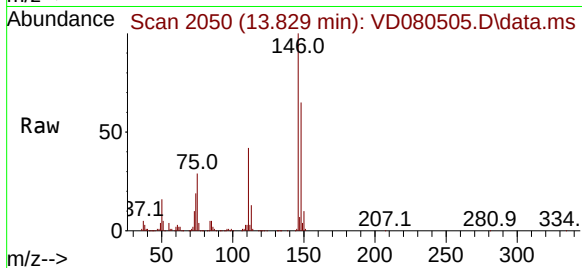
Tgt Ion:146 Resp: 452611

Ion Ratio Lower Upper

146 100

111 41.4 20.7 62.1

148 63.5 31.5 94.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.641 ug/l

RT: 14.446 min Scan# 2155

Delta R.T. 0.006 min

Lab File: VD080505.D

Acq: 04 Sep 2025 08:57

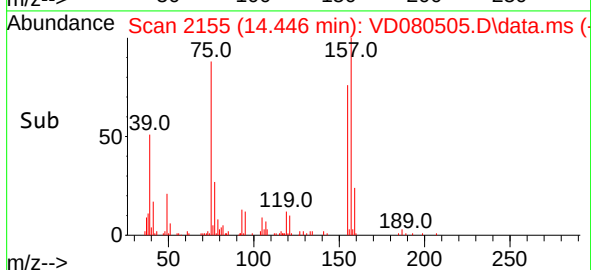
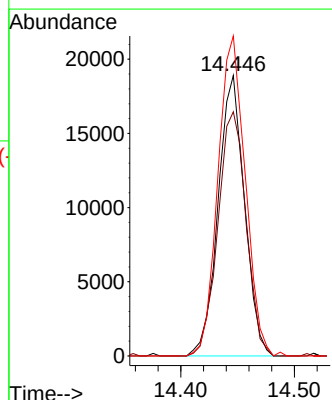
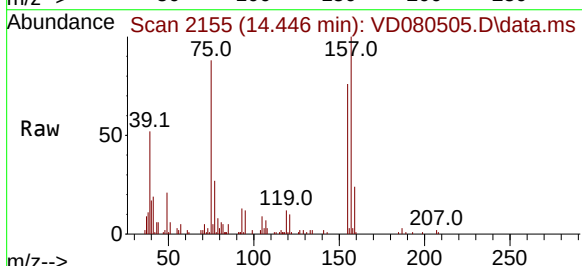
Tgt Ion: 75 Resp: 30526

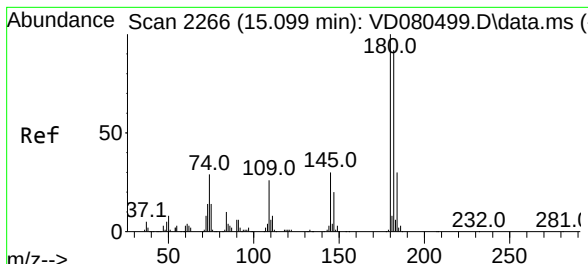
Ion Ratio Lower Upper

75 100

155 92.6 47.5 142.6

157 118.0 56.8 170.3

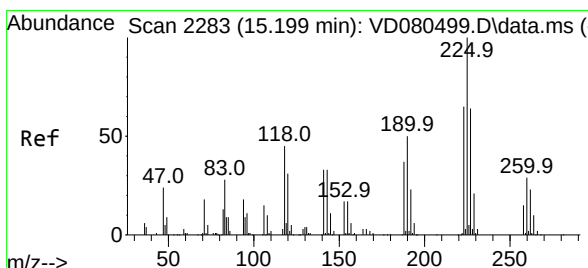
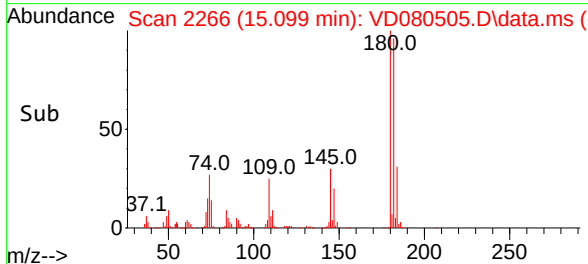
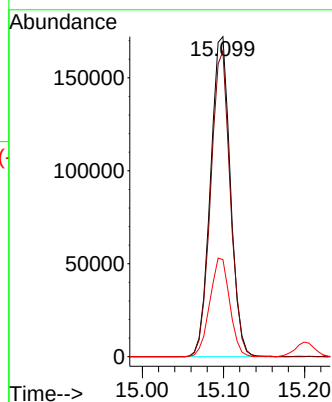
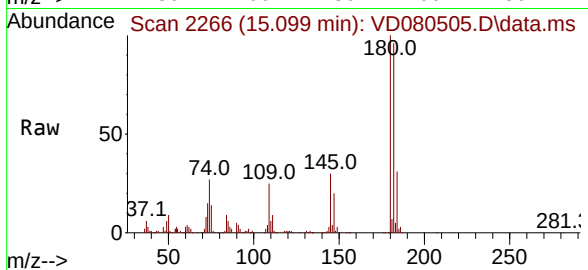




#93
1,2,4-Trichlorobenzene
Concen: 52.288 ug/l
RT: 15.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

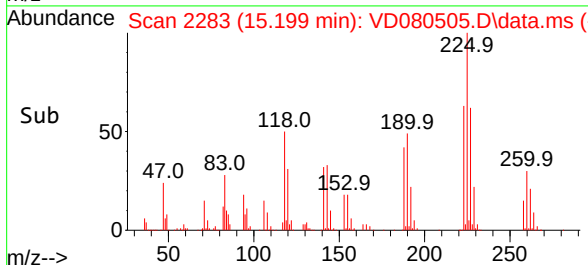
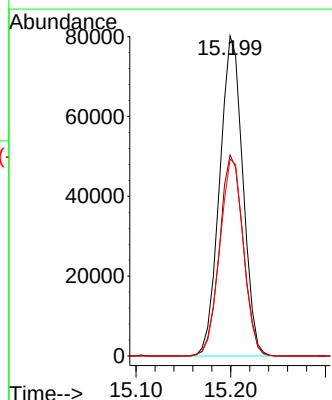
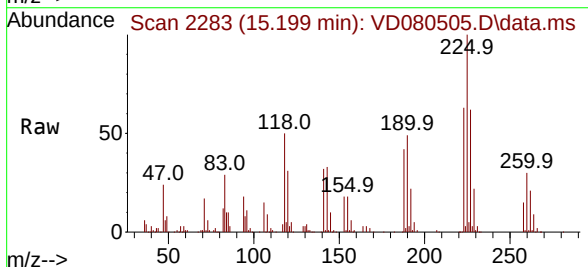
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

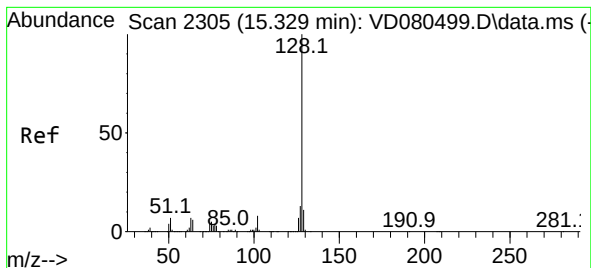
Tgt Ion:180 Resp: 292533
Ion Ratio Lower Upper
180 100
182 93.9 47.5 142.5
145 30.9 15.7 47.0



#94
Hexachlorobutadiene
Concen: 53.669 ug/l
RT: 15.199 min Scan# 2283
Delta R.T. -0.000 min
Lab File: VD080505.D
Acq: 04 Sep 2025 08:57

Tgt Ion:225 Resp: 136473
Ion Ratio Lower Upper
225 100
223 64.2 31.9 95.7
227 62.9 32.0 96.2





#95

Naphthalene

Concen: 49.416 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. -0.000 min

Lab File: VD080505.D

Acq: 04 Sep 2025 08:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

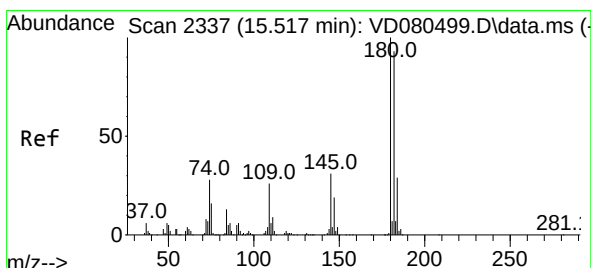
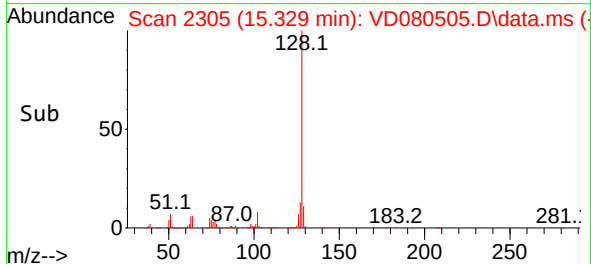
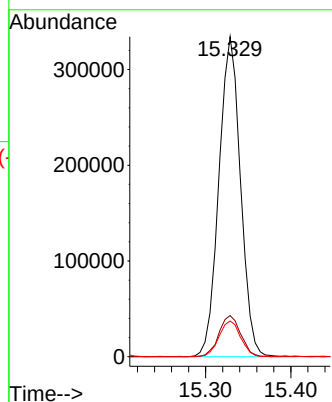
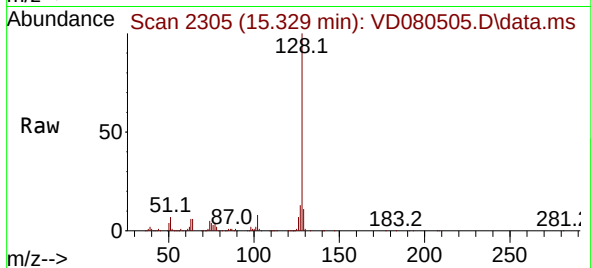
Tgt Ion:128 Resp: 588122

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.1 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 51.652 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD080505.D

Acq: 04 Sep 2025 08:57

Tgt Ion:180 Resp: 247378

Ion Ratio Lower Upper

180 100

182 96.4 47.5 142.5

145 33.1 16.2 48.5

