

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090525\
 Data File : VD080516.D
 Acq On : 05 Sep 2025 10:24
 Operator : RP/MD
 Sample : VD0905SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 06 02:59:39 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	7.870	168	349638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	617935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	536088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	256976	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	177580	45.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.040%
35) Dibromofluoromethane	7.805	113	178151	47.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.000%
50) Toluene-d8	10.270	98	721226	48.470	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.570	95	221696	47.246	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.500%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.935	85	65254	21.921	ug/l	95
3) Chloromethane	2.147	50	102521	21.817	ug/l	96
4) Vinyl Chloride	2.288	62	107054	22.075	ug/l	99
5) Bromomethane	2.688	94	59982	22.008	ug/l	99
6) Chloroethane	2.835	64	71484	22.582	ug/l	96
7) Trichlorofluoromethane	3.176	101	121246	21.466	ug/l	95
8) Diethyl Ether	3.594	74	42633	19.048	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.964	101	76021	20.743	ug/l	98
10) Methyl Iodide	4.164	142	78209	18.485	ug/l	98
11) Tert butyl alcohol	5.047	59	27498	96.328	ug/l	98
12) 1,1-Dichloroethene	3.935	96	79071	20.709	ug/l	97
13) Acrolein	3.794	56	24473	80.664	ug/l	98
14) Allyl chloride	4.559	41	124512	18.792	ug/l	96
15) Acrylonitrile	5.253	53	99679	100.003	ug/l	99
16) Acetone	4.023	43	104325	112.968	ug/l	95
17) Carbon Disulfide	4.270	76	249552	19.329	ug/l	100
18) Methyl Acetate	4.564	43	49493	19.044	ug/l	96
19) Methyl tert-butyl Ether	5.317	73	196404	19.602	ug/l	97
20) Methylene Chloride	4.800	84	93797	18.490	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	86229	19.727	ug/l	95
22) Diisopropyl ether	6.217	45	262213	19.227	ug/l	99
23) Vinyl Acetate	6.153	43	741574	95.558	ug/l	99
24) 1,1-Dichloroethane	6.111	63	153121	19.396	ug/l	98
25) 2-Butanone	7.076	43	140588	107.513	ug/l	93
26) 2,2-Dichloropropane	7.076	77	128629	20.579	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	102723	19.692	ug/l	100
28) Bromochloromethane	7.423	49	63438	19.719	ug/l	96
29) Tetrahydrofuran	7.447	42	80928	97.938	ug/l	99
30) Chloroform	7.594	83	149285	19.777	ug/l	98
31) Cyclohexane	7.876	56	144292	19.527	ug/l	95
32) 1,1,1-Trichloroethane	7.794	97	126692	20.157	ug/l	98
36) 1,1-Dichloropropene	8.005	75	112212	20.722	ug/l	99
37) Ethyl Acetate	7.164	43	53845	20.678	ug/l	97
38) Carbon Tetrachloride	7.988	117	111241	21.584	ug/l	97
39) Methylcyclohexane	9.276	83	149751	20.777	ug/l	94
40) Benzene	8.247	78	348820	20.241	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	35572	23.009	ug/l	90
42) 1,2-Dichloroethane	8.323	62	88875	21.291	ug/l	98
43) Isopropyl Acetate	8.358	43	104582	19.740	ug/l	99
44) Trichloroethene	9.029	130	87030	20.816	ug/l	100
45) 1,2-Dichloropropane	9.305	63	86209	20.171	ug/l	97
46) Dibromomethane	9.394	93	47230	20.626	ug/l	95
47) Bromodichloromethane	9.582	83	114501	20.512	ug/l	99
48) Methyl methacrylate	9.382	41	52696	20.064	ug/l	97
49) 1,4-Dioxane	9.382	88	12292	434.223	ug/l	99
51) 4-Methyl-2-Pentanone	10.158	43	270261	102.286	ug/l	100
52) Toluene	10.329	92	219084	20.385	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	114739	20.169	ug/l	99
54) cis-1,3-Dichloropropene	10.017	75	136615	20.081	ug/l	96
55) 1,1,2-Trichloroethane	10.729	97	63637	20.729	ug/l	94
56) Ethyl methacrylate	10.599	69	83594	19.543	ug/l	95
57) 1,3-Dichloropropane	10.882	76	112132	20.811	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.864	63	167812	101.381	ug/l	99
59) 2-Hexanone	10.917	43	202131	107.668	ug/l	99
60) Dibromochloromethane	11.070	129	79641	20.584	ug/l	97
61) 1,2-Dibromoethane	11.182	107	60978	20.874	ug/l	99
64) Tetrachloroethene	10.805	164	70538	21.306	ug/l	97
65) Chlorobenzene	11.605	112	240551	21.057	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.676	131	77439	21.252	ug/l	99
67) Ethyl Benzene	11.682	91	413308	20.903	ug/l	97
68) m/p-Xylenes	11.788	106	320439	42.089	ug/l	100
69) o-Xylene	12.117	106	152778	21.029	ug/l	98
70) Styrene	12.135	104	258189	20.890	ug/l	99
71) Bromoform	12.293	173	44769	21.618	ug/l #	99
73) Isopropylbenzene	12.417	105	389090	20.666	ug/l	99
74) N-amyl acetate	12.235	43	98840	19.782	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.670	83	73578	21.020	ug/l	98
76) 1,2,3-Trichloropropane	12.723	75	91601	43.675	ug/l #	100
77) Bromobenzene	12.699	156	89639	20.577	ug/l	99
78) n-propylbenzene	12.758	91	467688	20.457	ug/l	99
79) 2-Chlorotoluene	12.846	91	263467	20.224	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	317075	20.725	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	26703	19.324	ug/l	97
82) 4-Chlorotoluene	12.946	91	271615	20.270	ug/l	99
83) tert-Butylbenzene	13.164	119	278641	20.991	ug/l	98
84) 1,2,4-Trimethylbenzene	13.211	105	314808	20.436	ug/l	99
85) sec-Butylbenzene	13.340	105	411713	20.782	ug/l	100
86) p-Isopropyltoluene	13.458	119	343145	20.706	ug/l	99
87) 1,3-Dichlorobenzene	13.452	146	173978	20.714	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	175588	20.819	ug/l	99
89) n-Butylbenzene	13.782	91	323138	20.469	ug/l	98
90) Hexachloroethane	14.052	117	64727	20.193	ug/l	96
91) 1,2-Dichlorobenzene	13.829	146	153821	20.580	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.434	75	10830	20.617	ug/l	95
93) 1,2,4-Trichlorobenzene	15.093	180	97933	20.913	ug/l	99
94) Hexachlorobutadiene	15.199	225	45904	21.567	ug/l	99
95) Naphthalene	15.329	128	200533	20.130	ug/l	98
96) 1,2,3-Trichlorobenzene	15.517	180	85517	21.332	ug/l	98

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ALS Vial : 4 Sample Multiplier: 1

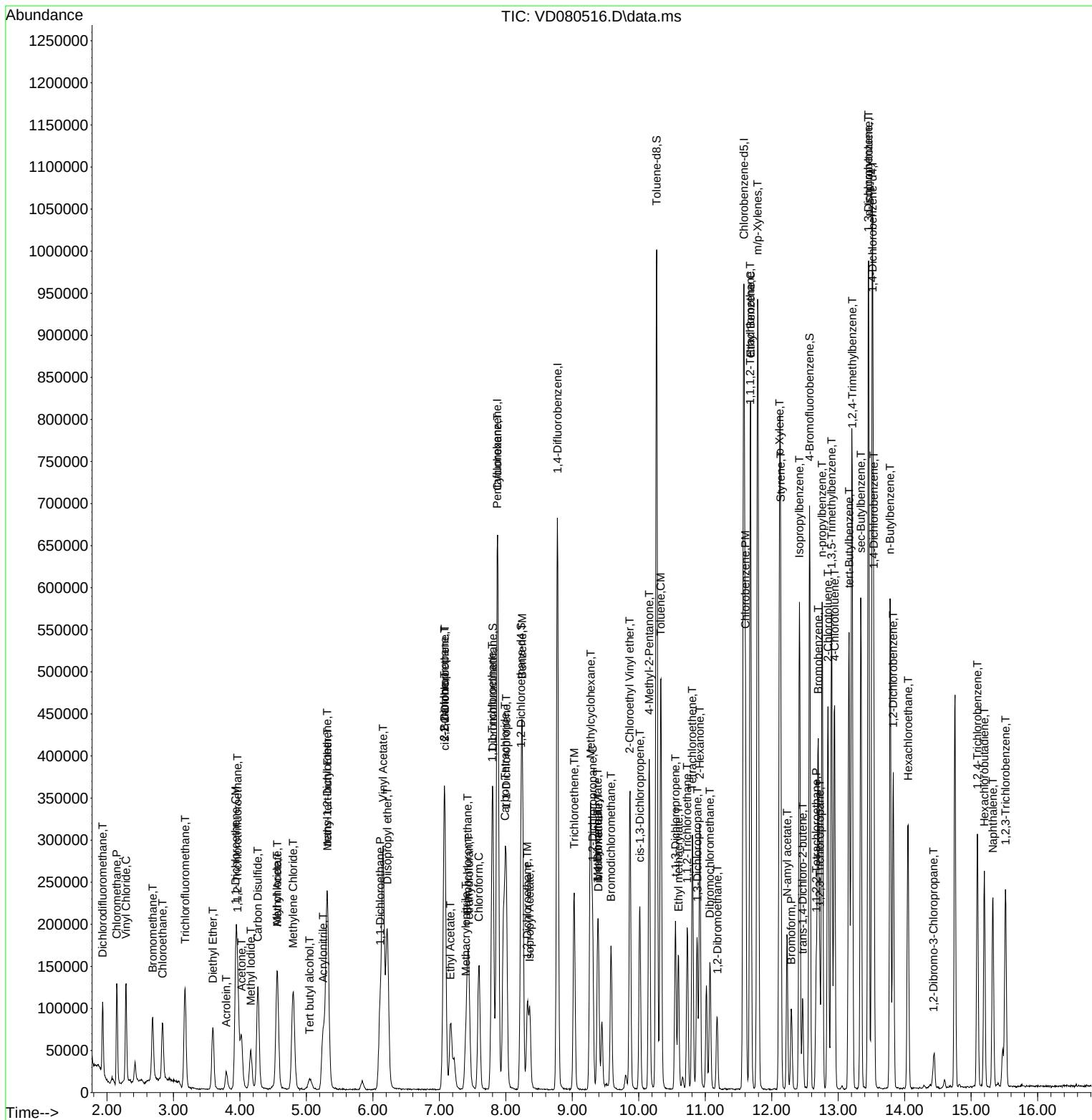
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MSVOA_D
ClientSampleId :

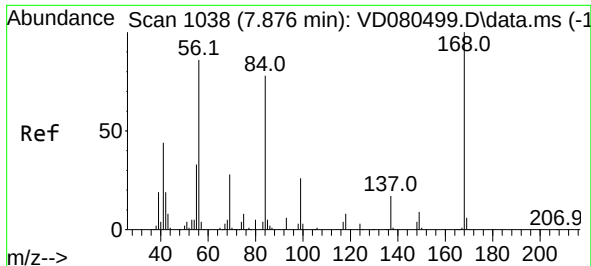
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Quant Title : SW846 8260
QLast Update : Thu Aug 28 03:02:37 2025
Response via : Initial Calibration

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

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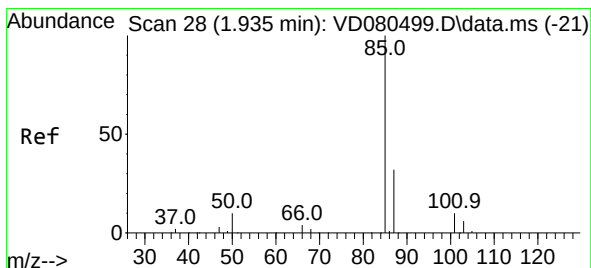
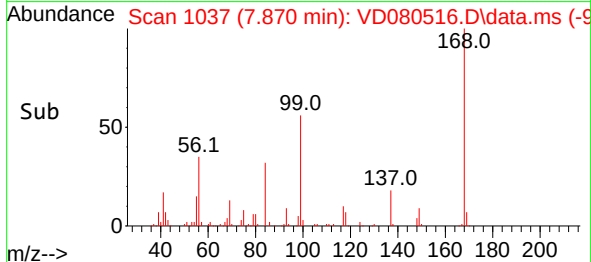
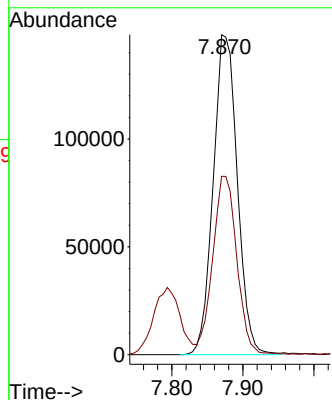
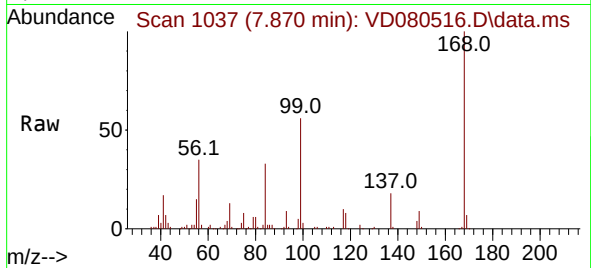




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.870 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD080516.D
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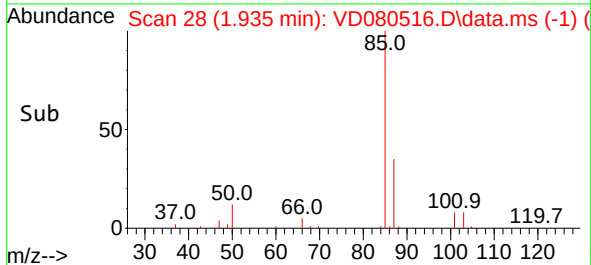
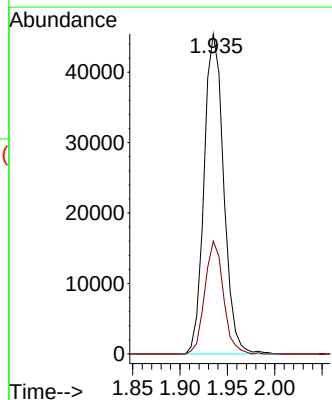
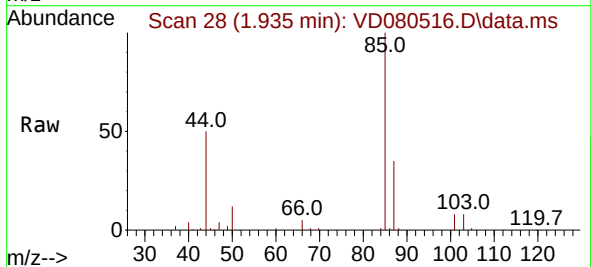
Instrument :
MSVOA_D
ClientSampleId :

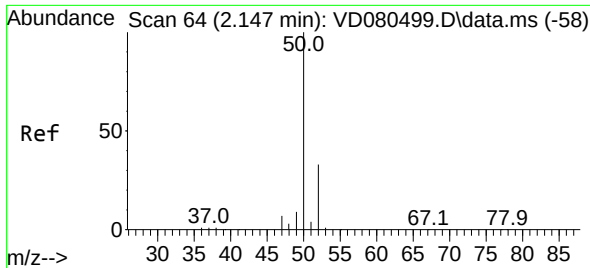
Tgt Ion:168 Resp: 349638
Ion Ratio Lower Upper
168 100
99 55.4 44.1 66.1



#2
Dichlorodifluoromethane
Concen: 21.921 ug/l
RT: 1.935 min Scan# 28
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

Tgt Ion: 85 Resp: 65254
Ion Ratio Lower Upper
85 100
87 35.3 16.2 48.5

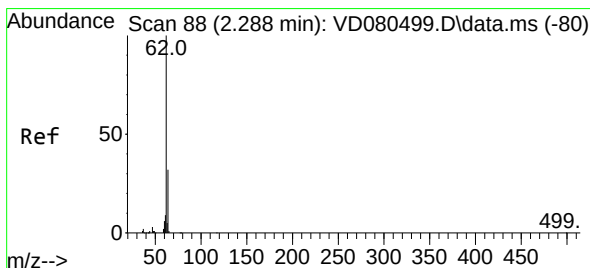
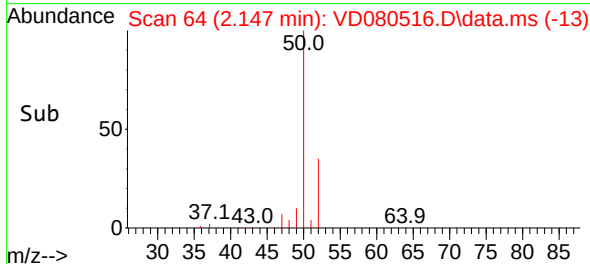
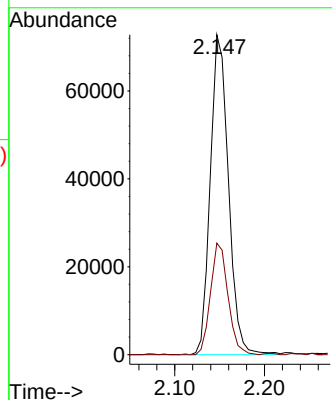
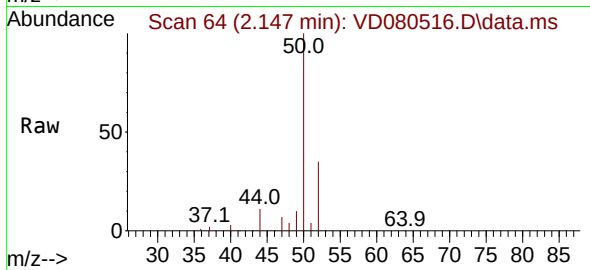




#3
Chloromethane
Concen: 21.817 ug/l
RT: 2.147 min Scan# 64
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

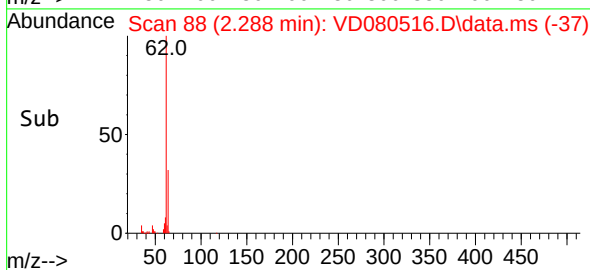
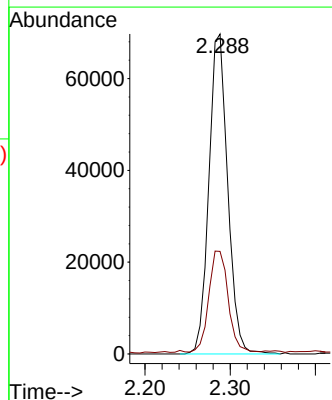
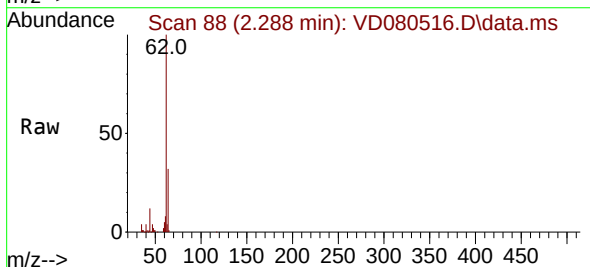
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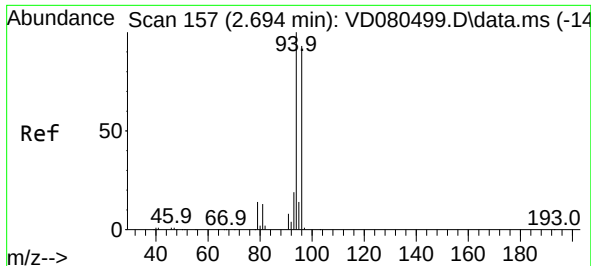
Tgt Ion: 50 Resp: 102521
Ion Ratio Lower Upper
50 100
52 34.8 26.2 39.4



#4
Vinyl Chloride
Concen: 22.075 ug/l
RT: 2.288 min Scan# 88
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

Tgt Ion: 62 Resp: 107054
Ion Ratio Lower Upper
62 100
64 31.2 25.6 38.4

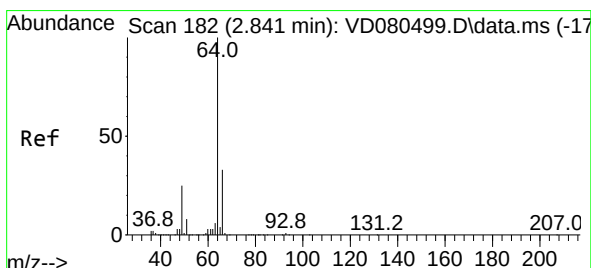
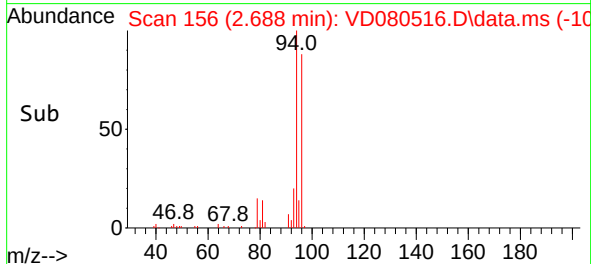
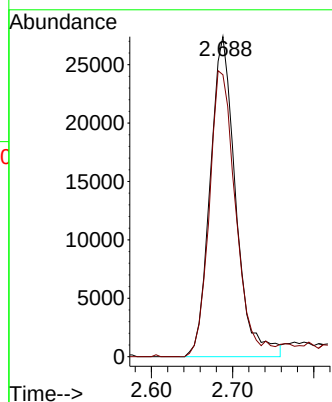
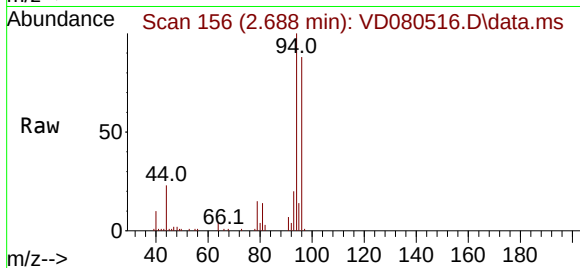




#5
Bromomethane
Concen: 22.008 ug/l
RT: 2.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

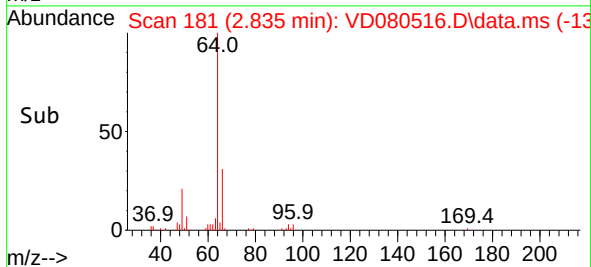
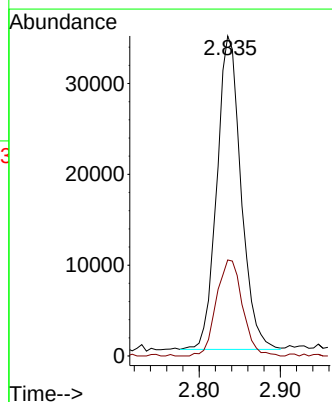
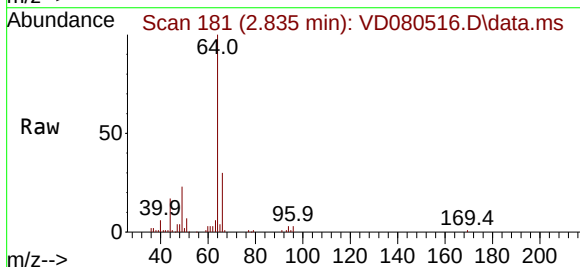
Instrument :
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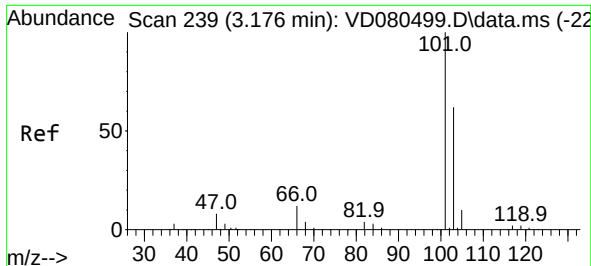
Tgt Ion: 94 Resp: 59982
Ion Ratio Lower Upper
94 100
96 92.2 74.6 111.8



#6
Chloroethane
Concen: 22.582 ug/l
RT: 2.835 min Scan# 181
Delta R.T. -0.006 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

Tgt Ion: 64 Resp: 71484
Ion Ratio Lower Upper
64 100
66 30.6 26.5 39.7

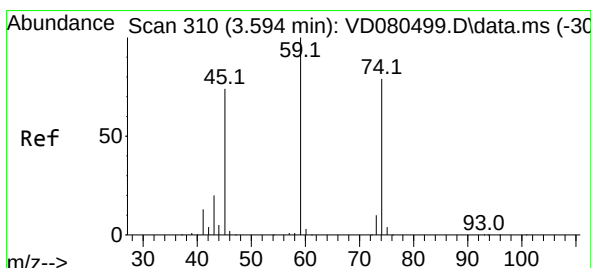
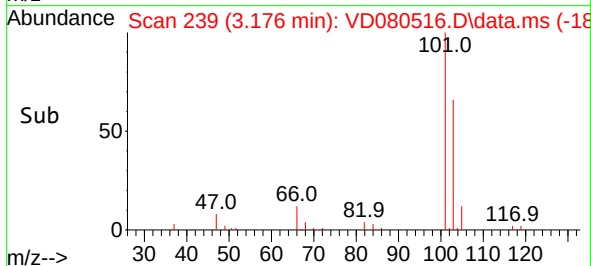
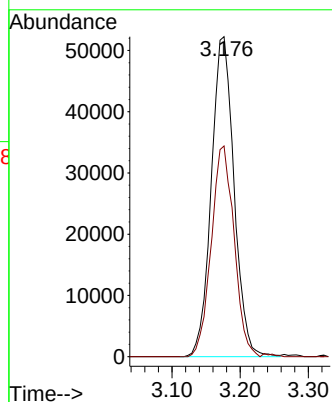
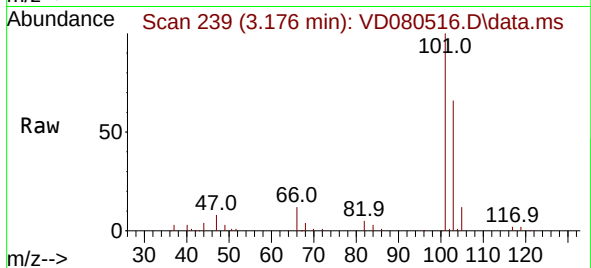




#7
 Trichlorofluoromethane
 Concen: 21.466 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD080516.D
 Acq: 05 Sep 2025 10:24

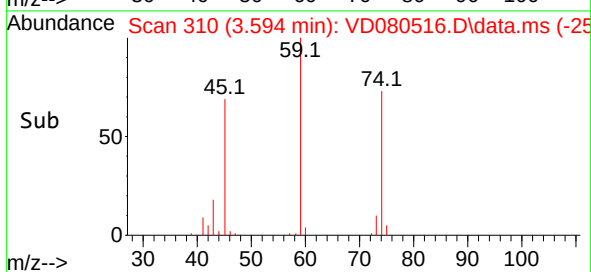
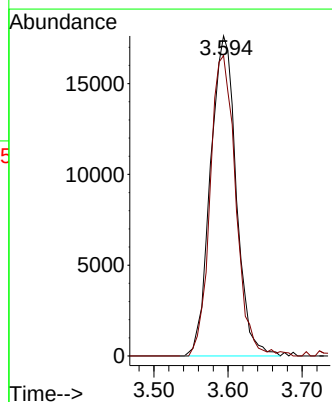
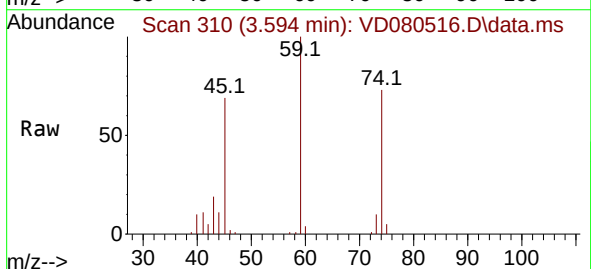
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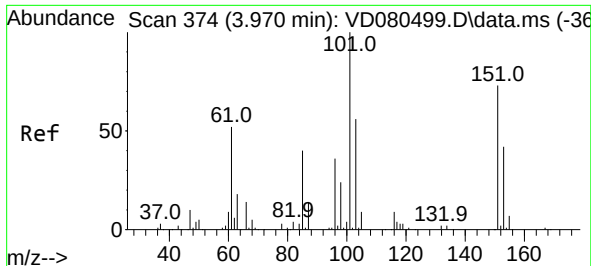
Tgt Ion:101 Resp: 121246
 Ion Ratio Lower Upper
 101 100
 103 65.9 49.6 74.4



#8
 Diethyl Ether
 Concen: 19.048 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VD080516.D
 Acq: 05 Sep 2025 10:24

Tgt Ion: 74 Resp: 42633
 Ion Ratio Lower Upper
 74 100
 45 93.1 48.2 144.6

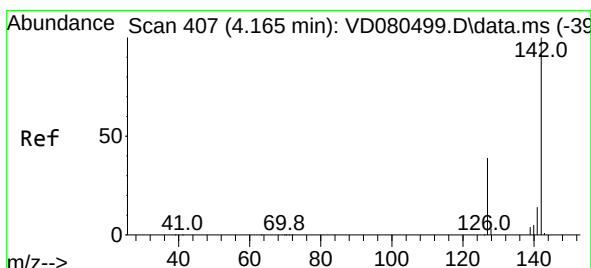
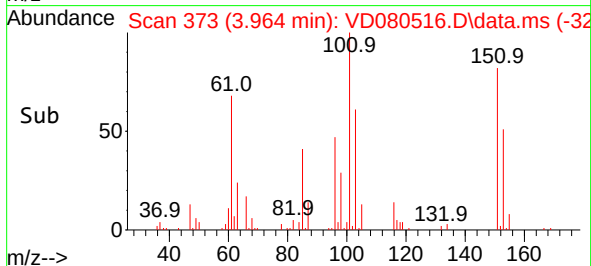
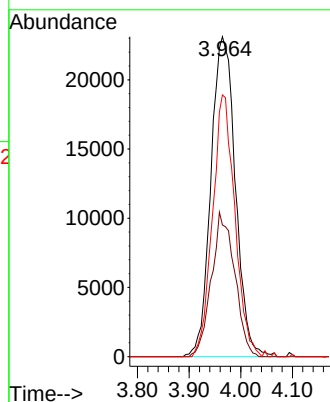
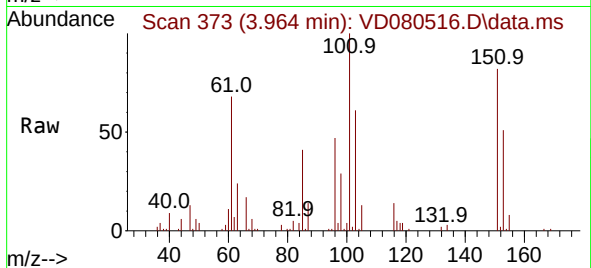




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.743 ug/l
 RT: 3.964 min Scan# 31
 Delta R.T. -0.006 min
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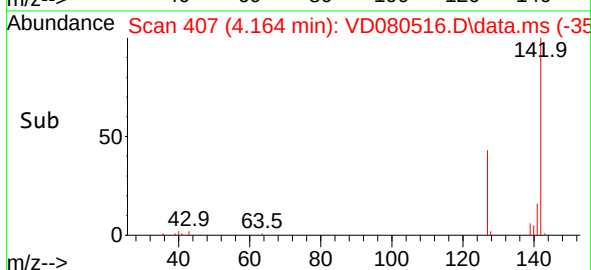
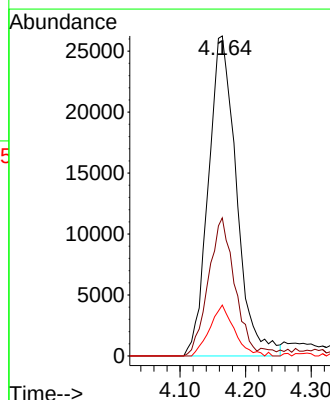
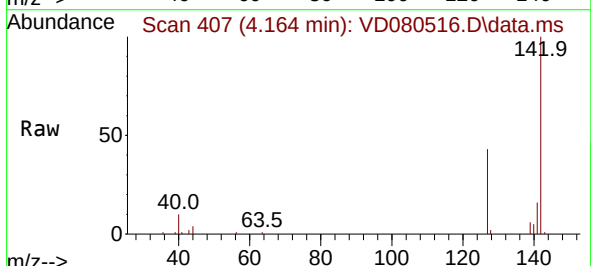
Instrument :
 MSVOA_D
 ClientSampleId :

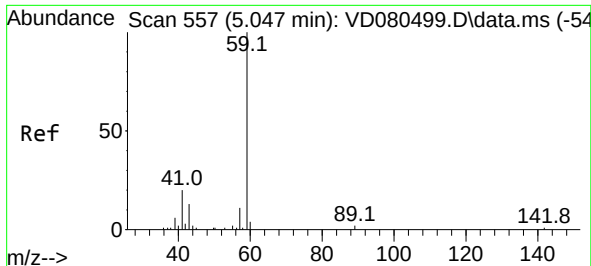
Tgt Ion:101	Resp:	76021
Ion	Ratio	Lower Upper
101	100	
85	42.8	33.8 50.6
151	74.7	58.0 87.0



#10
 Methyl Iodide
 Concen: 18.485 ug/l
 RT: 4.164 min Scan# 407
 Delta R.T. -0.000 min
 Lab File: VD080516.D
 Acq: 05 Sep 2025 10:24

Tgt Ion:142	Resp:	78209
Ion	Ratio	Lower Upper
142	100	
127	40.0	33.1 49.7
141	13.9	11.7 17.5

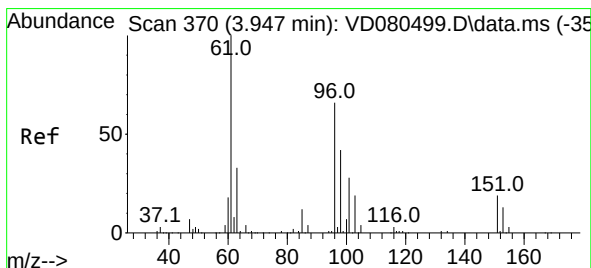
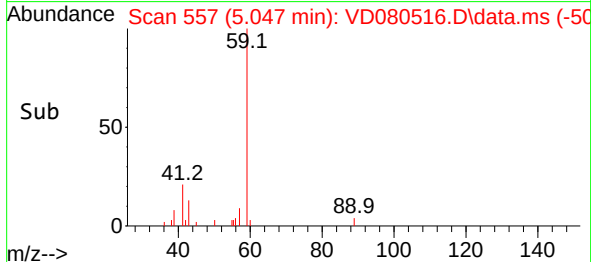
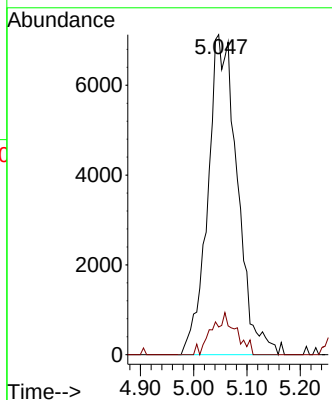
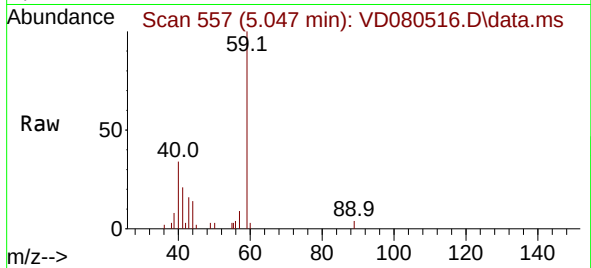




#11
Tert butyl alcohol
Concen: 96.328 ug/l
RT: 5.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

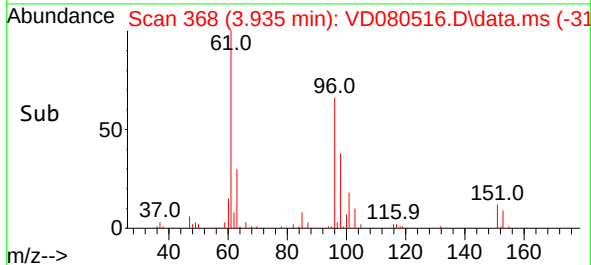
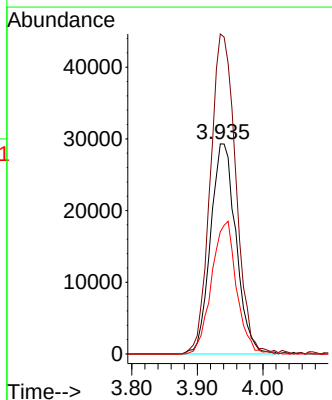
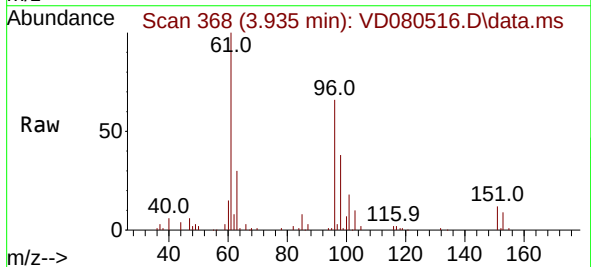
Instrument :
MSVOA_D
ClientSampleId :

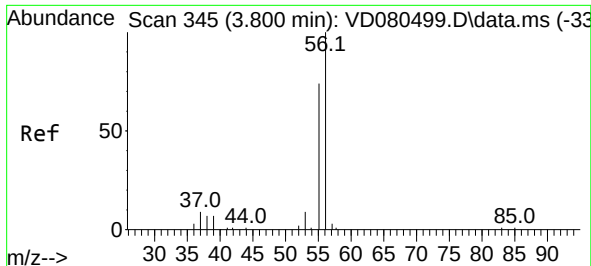
Tgt Ion: 59 Resp: 27498
Ion Ratio Lower Upper
59 100
57 10.7 8.1 12.1



#12
1,1-Dichloroethene
Concen: 20.709 ug/l
RT: 3.935 min Scan# 368
Delta R.T. -0.012 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

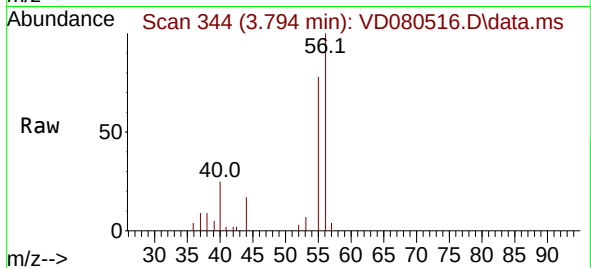
Tgt Ion: 96 Resp: 79071
Ion Ratio Lower Upper
96 100
61 152.3 120.9 181.3
98 58.1 50.7 76.1



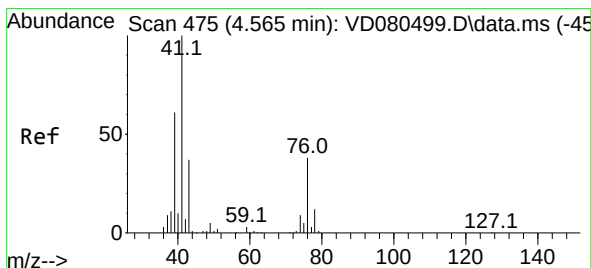
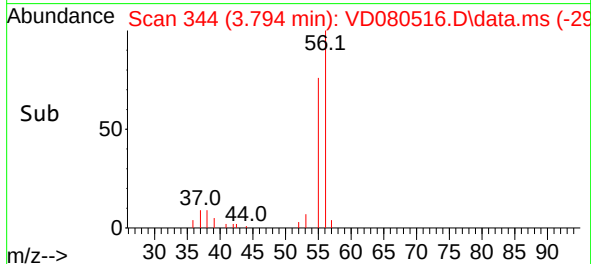
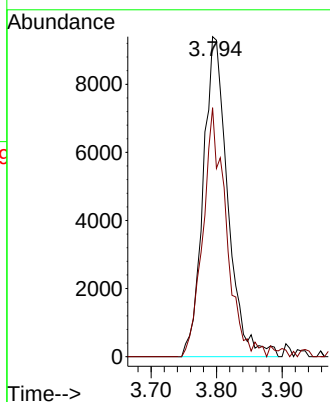


#13
Acrolein
Concen: 80.664 ug/l
RT: 3.794 min Scan# 345
Delta R.T. -0.006 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

Instrument :
MSVOA_D
ClientSampleId :

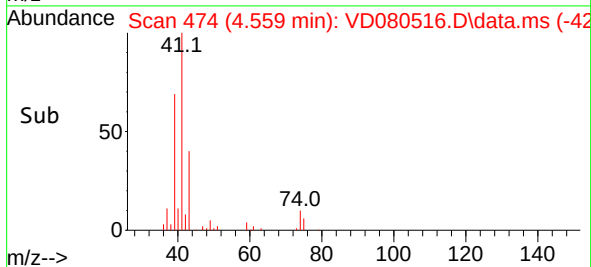
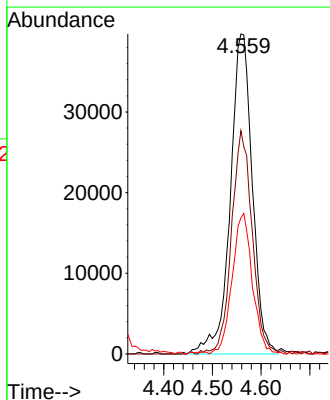
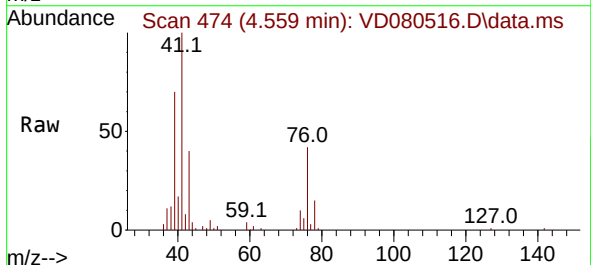


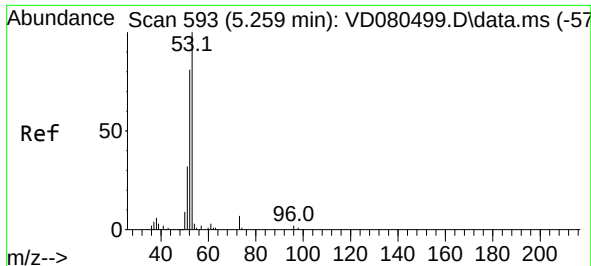
Tgt Ion: 56 Resp: 24473
Ion Ratio Lower Upper
56 100
55 72.0 56.6 85.0



#14
Allyl chloride
Concen: 18.792 ug/l
RT: 4.559 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

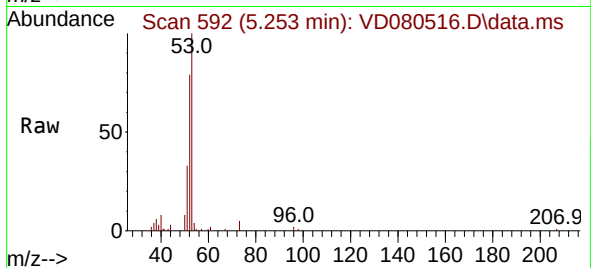
Tgt Ion: 41 Resp: 124512
Ion Ratio Lower Upper
41 100
39 65.7 50.1 75.1
76 40.3 30.7 46.1



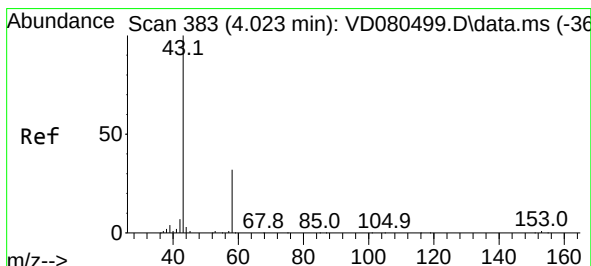
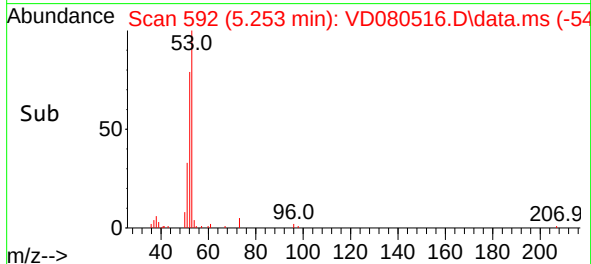
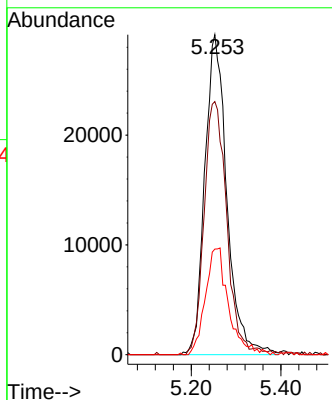


#15
Acrylonitrile
Concen: 100.003 ug/l
RT: 5.253 min Scan# 593
Delta R.T. -0.006 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

Instrument :
MSVOA_D
ClientSampleId :

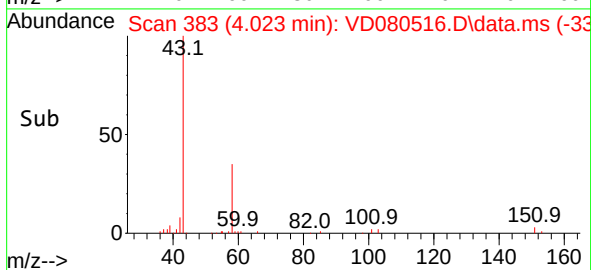
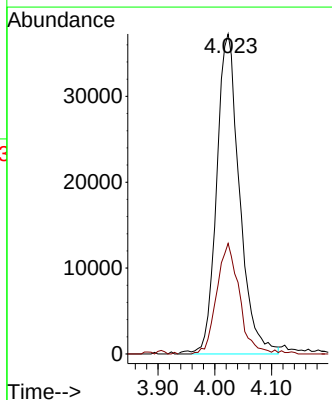
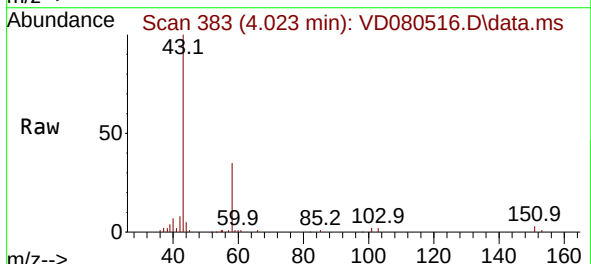


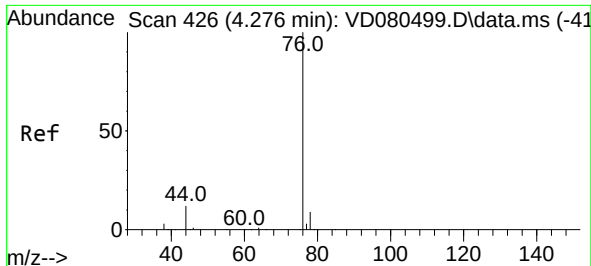
Tgt Ion: 53 Resp: 99679
Ion Ratio Lower Upper
53 100
52 80.2 64.6 97.0
51 34.5 28.0 42.0



#16
Acetone
Concen: 112.968 ug/l
RT: 4.023 min Scan# 383
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

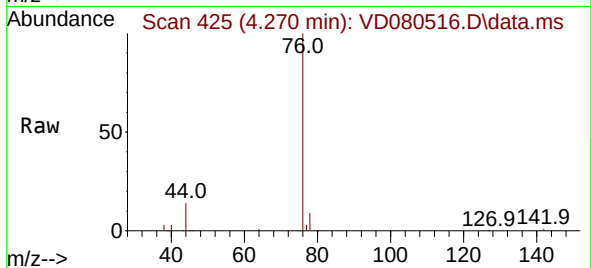
Tgt Ion: 43 Resp: 104325
Ion Ratio Lower Upper
43 100
58 34.6 25.4 38.0



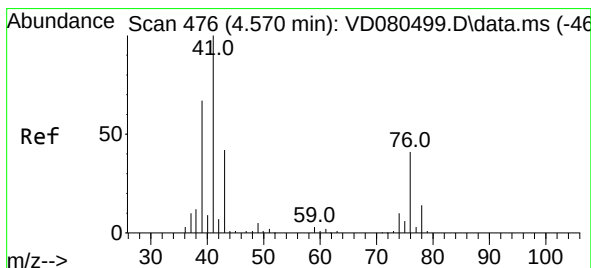
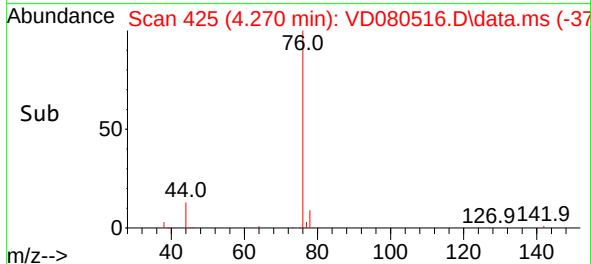
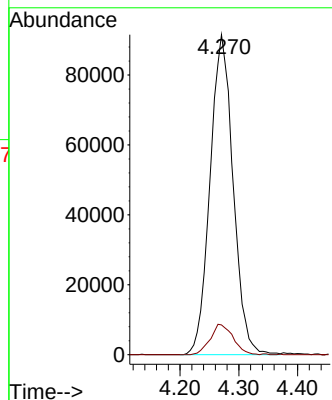


#17
Carbon Disulfide
Concen: 19.329 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

Instrument :
MSVOA_D
ClientSampleId :

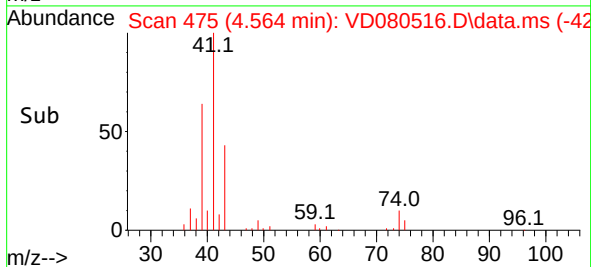
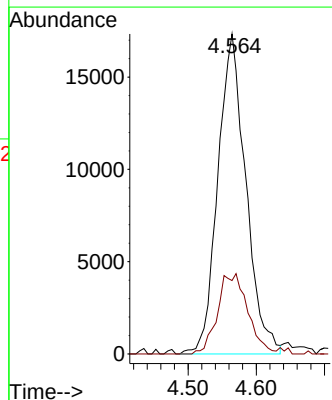
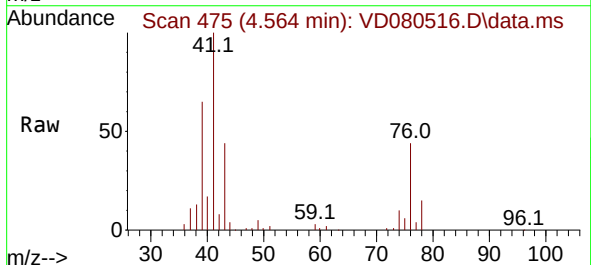


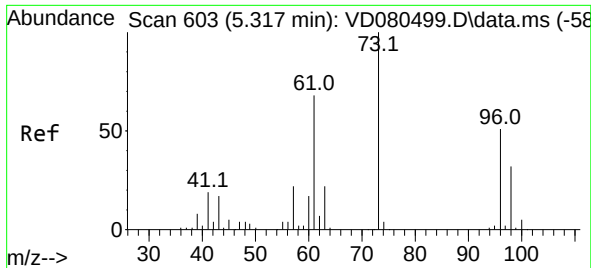
Tgt Ion: 76 Resp: 249552
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 19.044 ug/l
RT: 4.564 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

Tgt Ion: 43 Resp: 49493
Ion Ratio Lower Upper
43 100
74 27.1 20.2 30.2

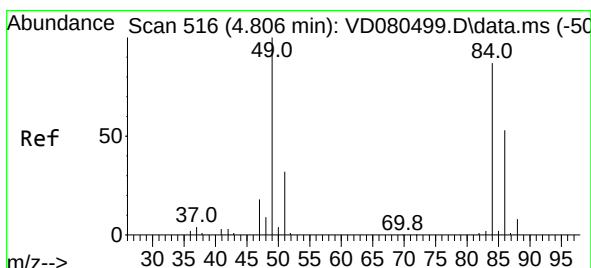
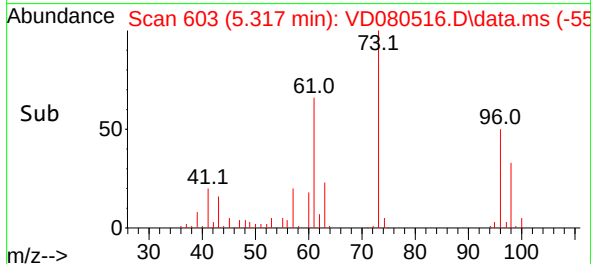
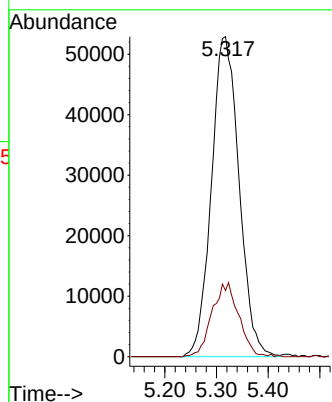
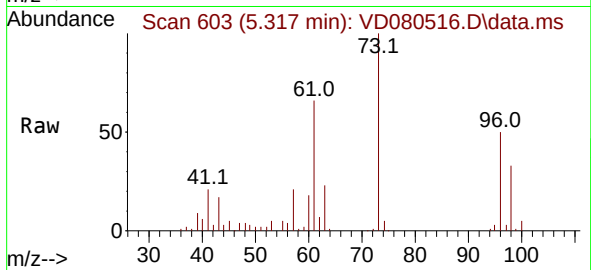




#19
Methyl tert-butyl Ether
Concen: 19.602 ug/l
RT: 5.317 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

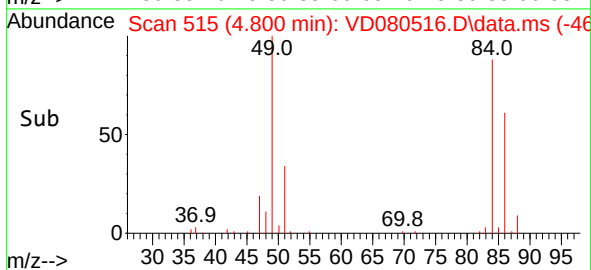
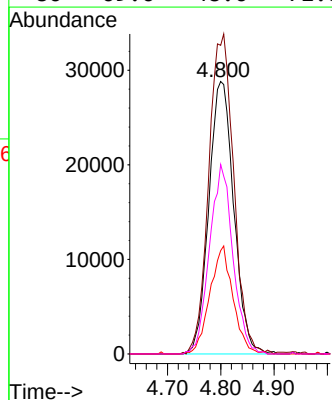
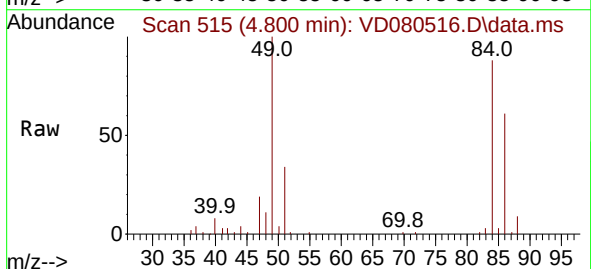
Instrument :
MSVOA_D
ClientSampleId :

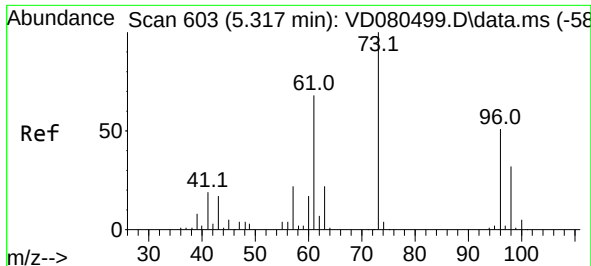
Tgt Ion: 73 Resp: 196404
Ion Ratio Lower Upper
73 100
57 20.7 17.8 26.8



#20
Methylene Chloride
Concen: 18.490 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

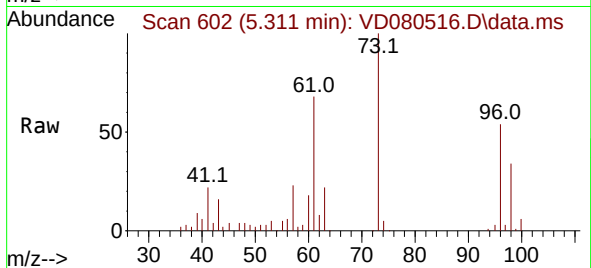
Tgt Ion: 84 Resp: 93797
Ion Ratio Lower Upper
84 100
49 113.3 91.8 137.6
51 38.0 29.0 43.4
86 69.6 48.6 72.8



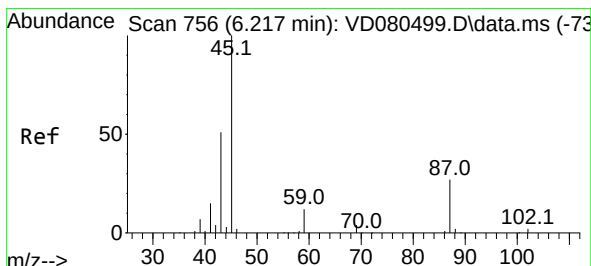
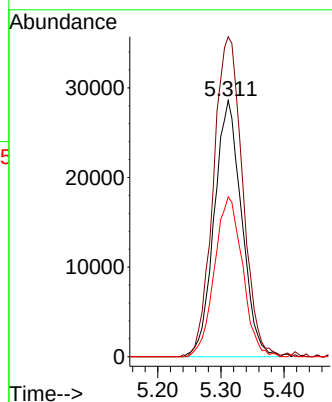
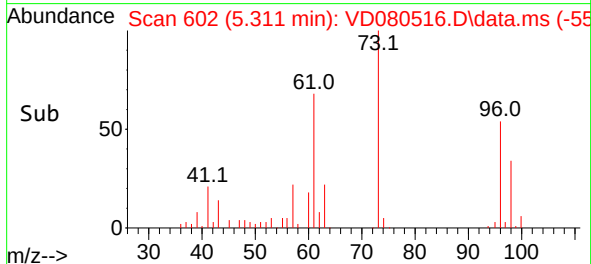


#21
trans-1,2-Dichloroethene
Concen: 19.727 ug/l
RT: 5.311 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

Instrument :
MSVOA_D
ClientSampleId :

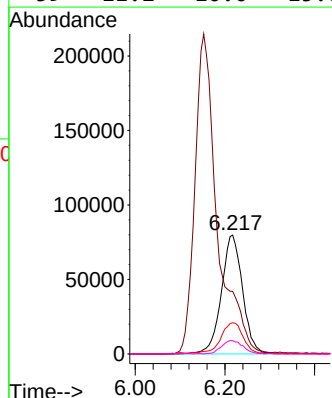
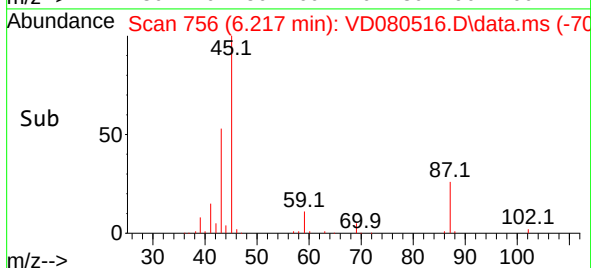
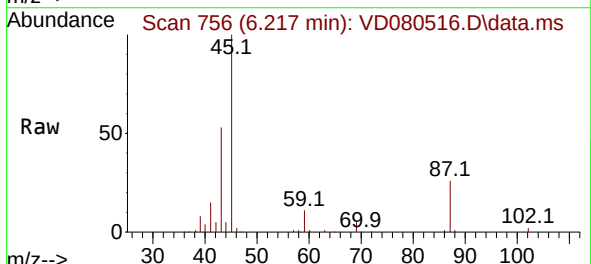


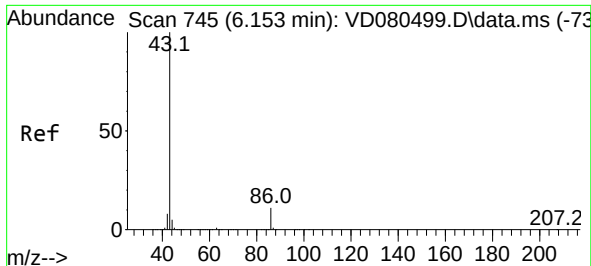
Tgt Ion: 96 Resp: 86229
Ion Ratio Lower Upper
96 100
61 124.9 107.4 161.0
98 62.4 49.9 74.9



#22
Diisopropyl ether
Concen: 19.227 ug/l
RT: 6.217 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

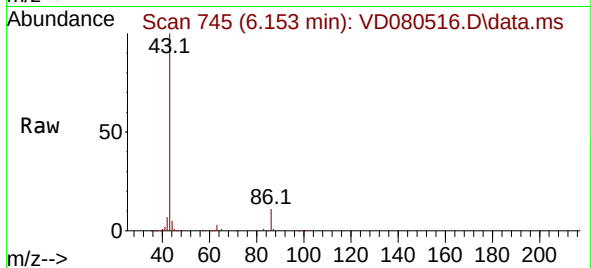
Tgt Ion: 45 Resp: 262213
Ion Ratio Lower Upper
45 100
43 51.0 40.6 60.8
87 25.9 21.6 32.4
59 11.2 10.0 15.0



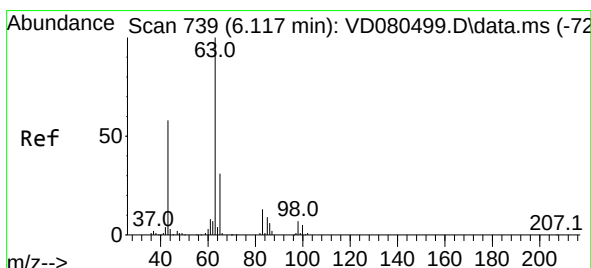
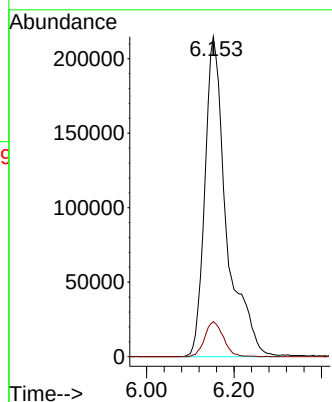
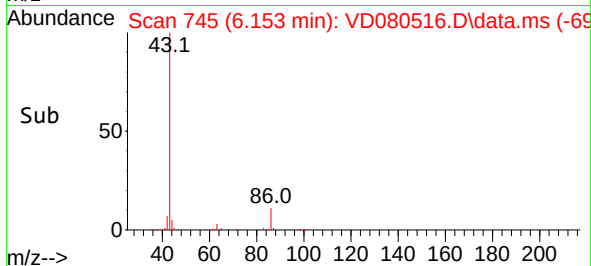


#23
 Vinyl Acetate
 Concen: 95.558 ug/l
 RT: 6.153 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD080516.D
 Acq: 05 Sep 2025 10:24

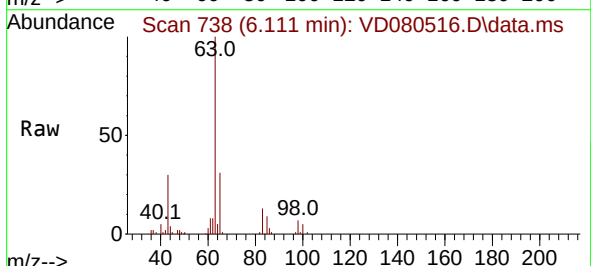
Instrument :
 MSVOA_D
 ClientSampleId :



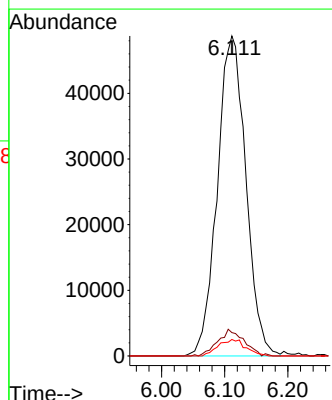
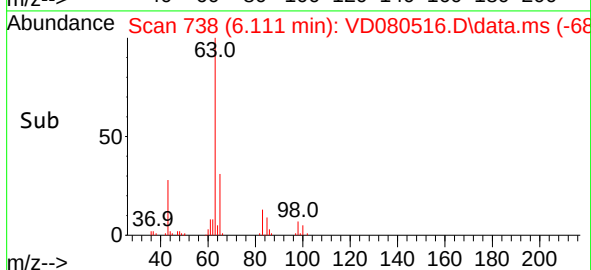
Tgt Ion: 43 Resp: 741574
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.4 12.6

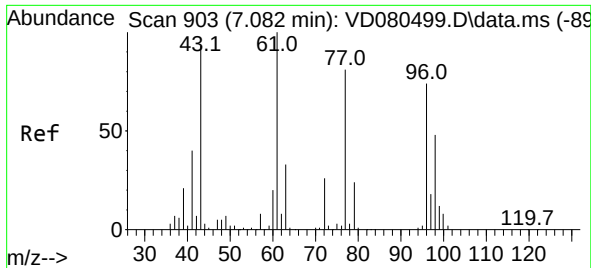


#24
 1,1-Dichloroethane
 Concen: 19.396 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD080516.D
 Acq: 05 Sep 2025 10:24



Tgt Ion: 63 Resp: 153121
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.9
 100 5.1 2.4 7.1

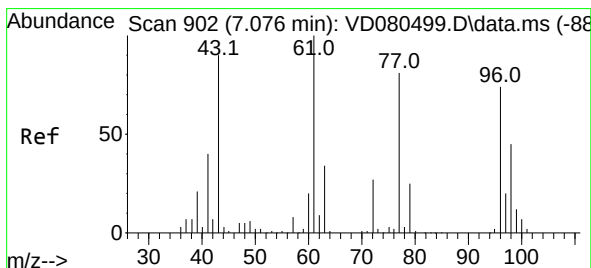
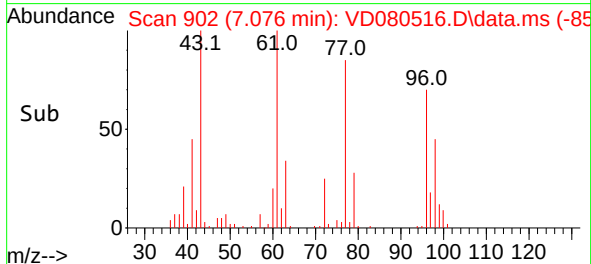
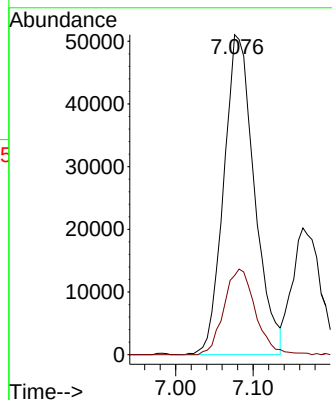
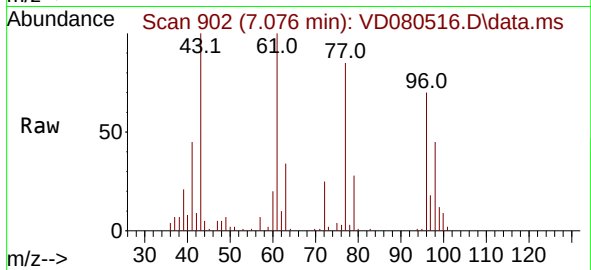




#25
2-Butanone
Concen: 107.513 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.006 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

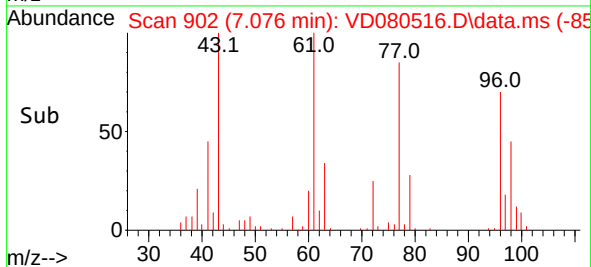
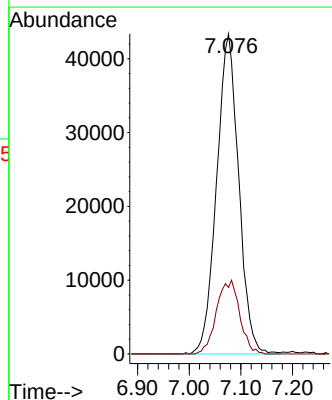
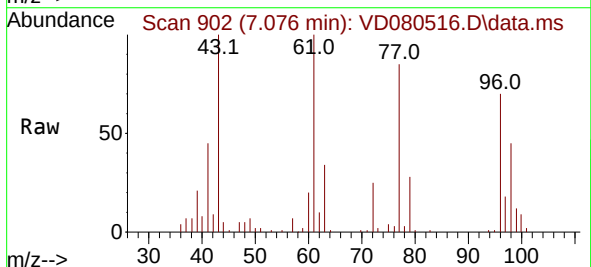
Instrument :
MSVOA_D
ClientSampleId :

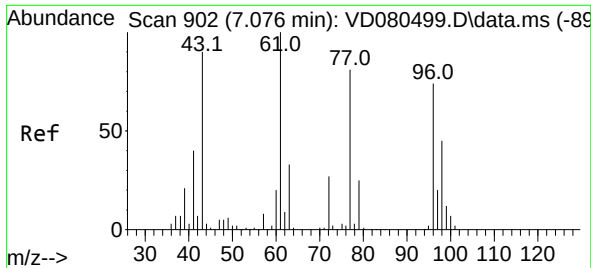
Tgt Ion: 43 Resp: 140588
Ion Ratio Lower Upper
43 100
72 24.8 22.8 34.2



#26
2,2-Dichloropropane
Concen: 20.579 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

Tgt Ion: 77 Resp: 128629
Ion Ratio Lower Upper
77 100
97 24.2 12.4 37.0



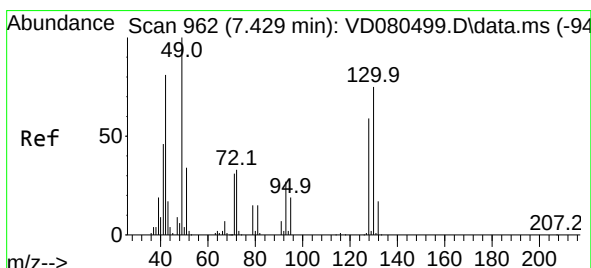
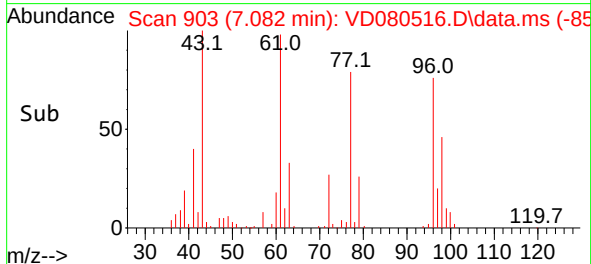
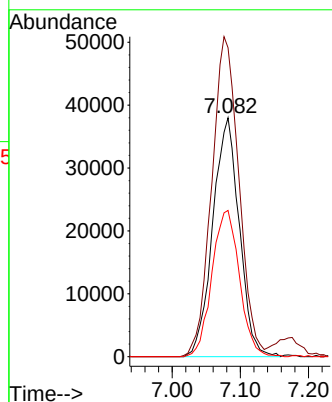
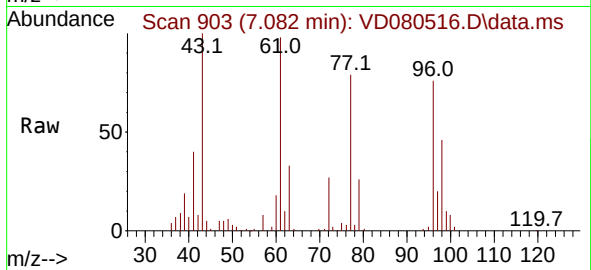


#27
 cis-1,2-Dichloroethene
 Concen: 19.692 ug/l
 RT: 7.082 min Scan# 902
 Delta R.T. 0.006 min
 Lab File: VD080516.D
 Acq: 05 Sep 2025 10:24

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 102723

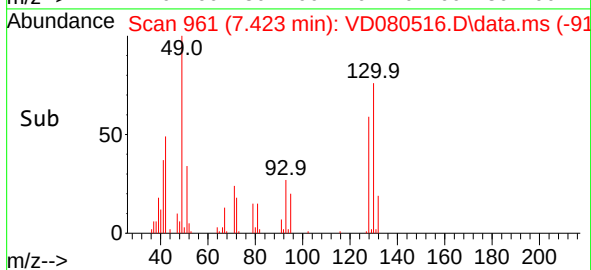
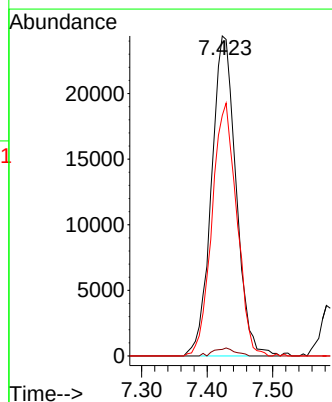
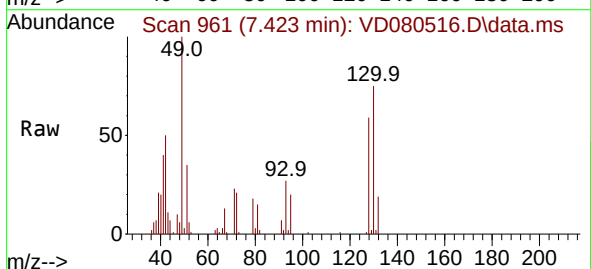
Ion	Ratio	Lower	Upper
96	100		
61	137.6	0.0	275.2
98	63.6	0.0	128.8

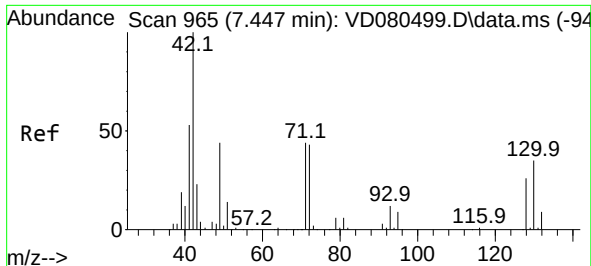


#28
 Bromochloromethane
 Concen: 19.719 ug/l
 RT: 7.423 min Scan# 961
 Delta R.T. -0.006 min
 Lab File: VD080516.D
 Acq: 05 Sep 2025 10:24

Tgt Ion: 49 Resp: 63438

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	79.5	61.1	91.7





#29

Tetrahydrofuran

Concen: 97.938 ug/l

RT: 7.447 min Scan# 90

Delta R.T. -0.000 min

Lab File: VD080516.D

Acq: 05 Sep 2025 10:24

Instrument :

MSVOA_D

ClientSampleId :

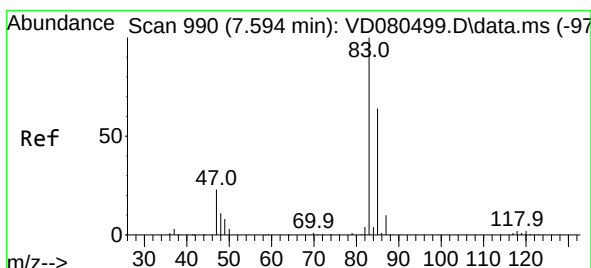
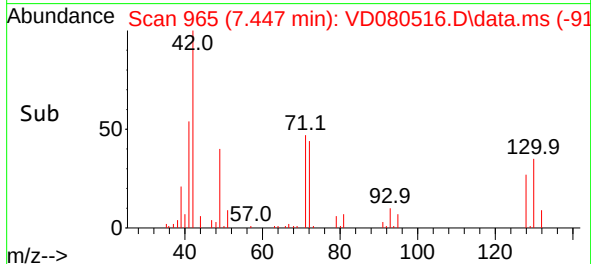
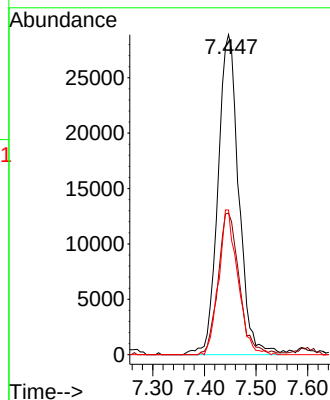
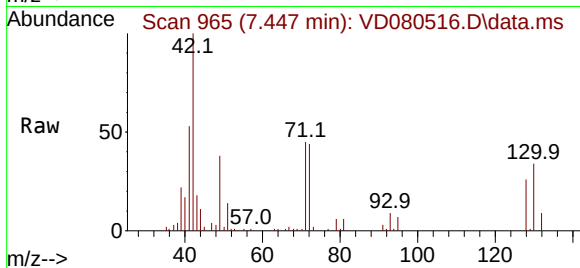
Tgt Ion: 42 Resp: 80928

Ion Ratio Lower Upper

42 100

72 44.6 34.7 52.1

71 41.8 32.9 49.3



#30

Chloroform

Concen: 19.777 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.000 min

Lab File: VD080516.D

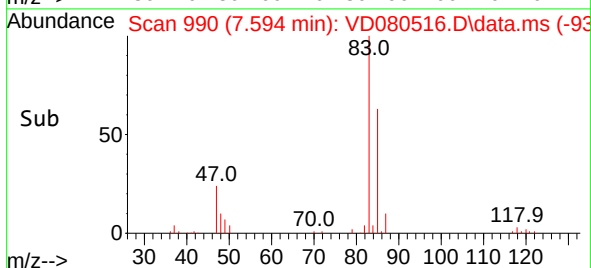
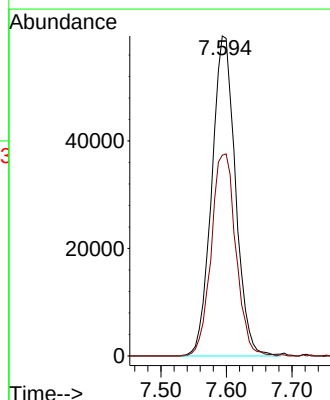
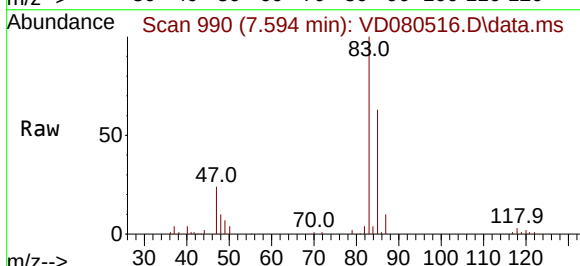
Acq: 05 Sep 2025 10:24

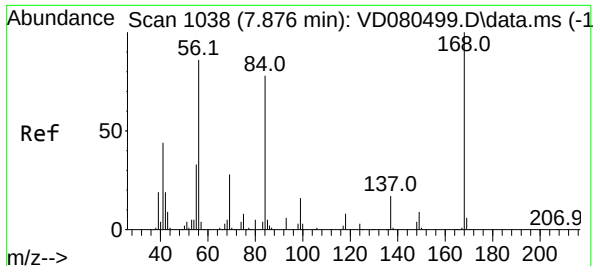
Tgt Ion: 83 Resp: 149285

Ion Ratio Lower Upper

83 100

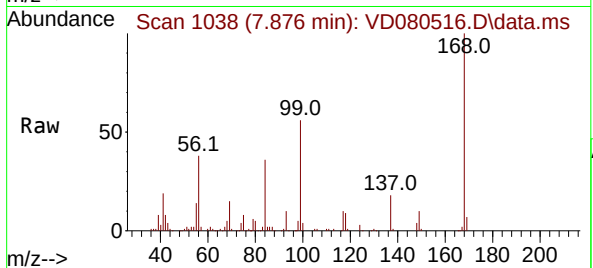
85 62.7 51.2 76.8



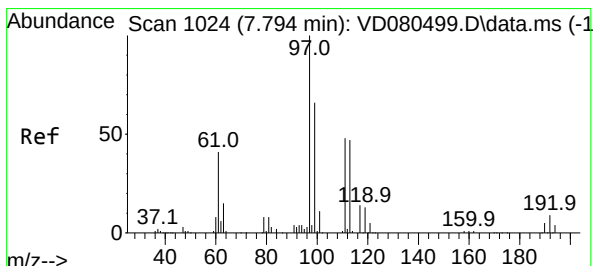
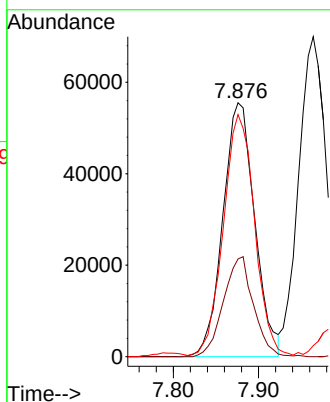
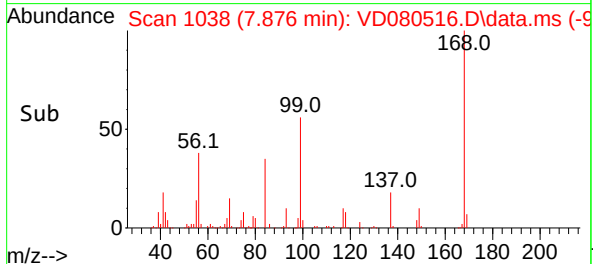


#31
Cyclohexane
Concen: 19.527 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

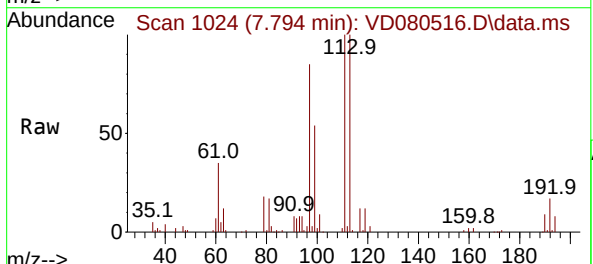
Instrument :
MSVOA_D
ClientSampleId :



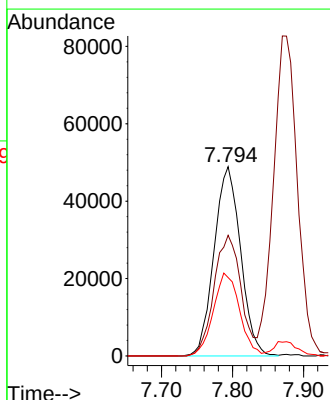
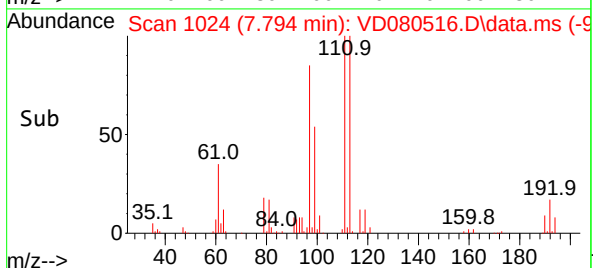
Tgt Ion: 56 Resp: 144292
Ion Ratio Lower Upper
56 100
69 38.5 26.0 39.0
84 94.1 72.6 108.8

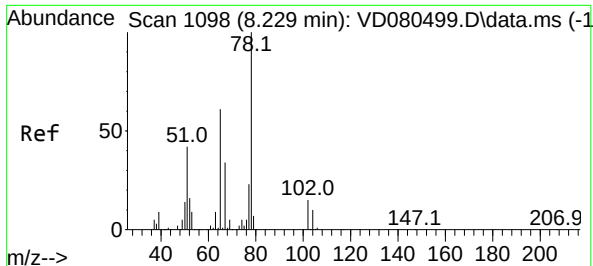


#32
1,1,1-Trichloroethane
Concen: 20.157 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24



Tgt Ion: 97 Resp: 126692
Ion Ratio Lower Upper
97 100
99 65.4 51.0 76.4
61 43.4 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 45.018 ug/l

RT: 8.229 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD080516.D

Acq: 05 Sep 2025 10:24

Instrument :

MSVOA_D

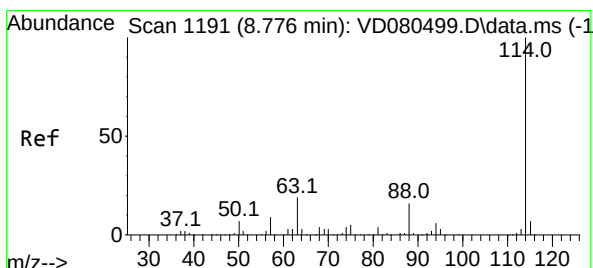
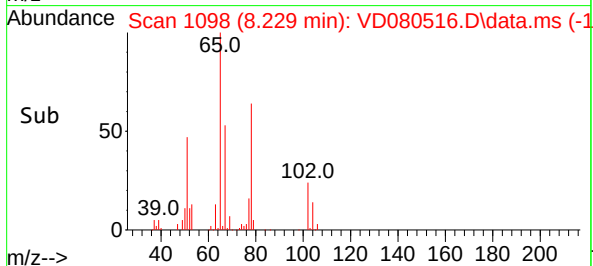
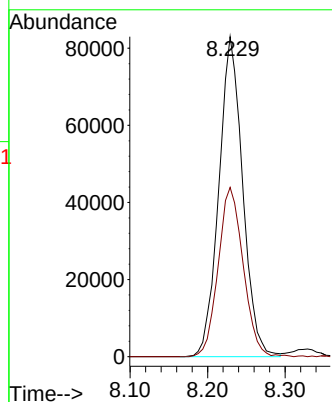
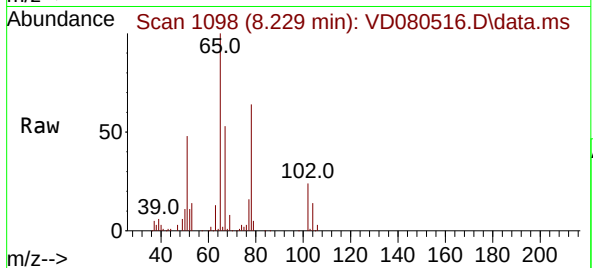
ClientSampleId :

Tgt Ion: 65 Resp: 177580

Ion Ratio Lower Upper

65 100

67 55.4 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: VD080516.D

Acq: 05 Sep 2025 10:24

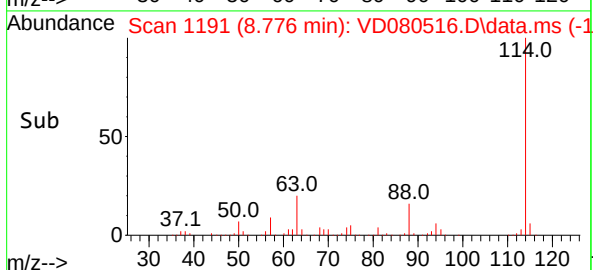
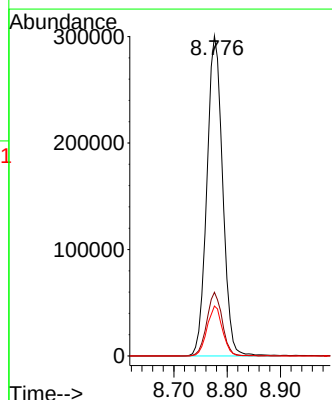
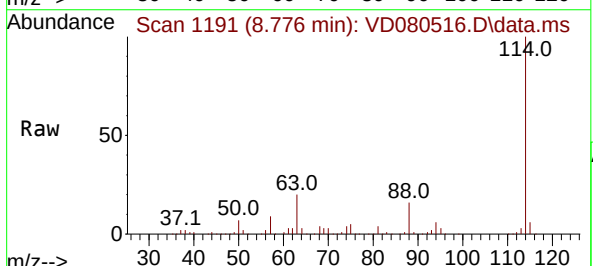
Tgt Ion: 114 Resp: 617935

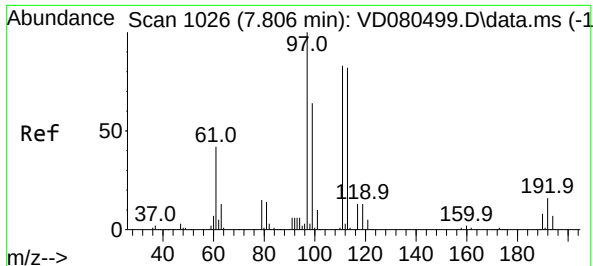
Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.6

88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.502 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. -0.001 min

Lab File: VD080516.D

Acq: 05 Sep 2025 10:24

Instrument :

MSVOA_D

ClientSampleId :

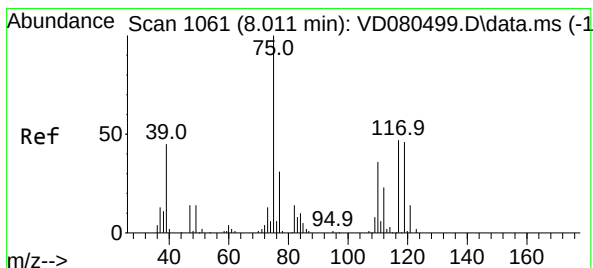
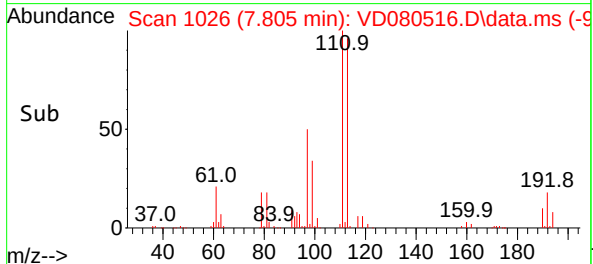
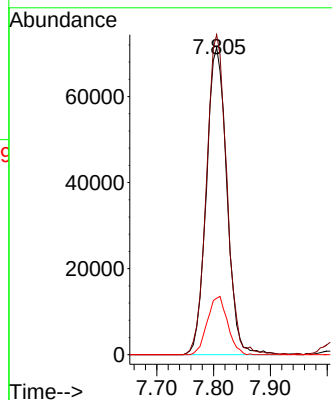
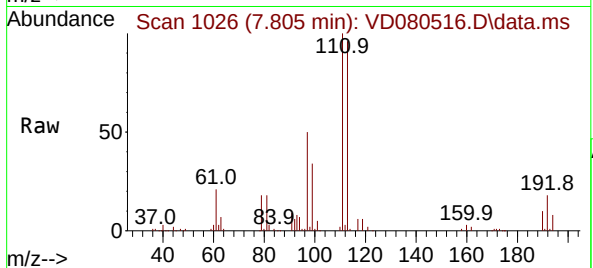
Tgt Ion:113 Resp: 178151

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

192 18.8 14.9 22.3



#36

1,1-Dichloropropene

Concen: 20.722 ug/l

RT: 8.005 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VD080516.D

Acq: 05 Sep 2025 10:24

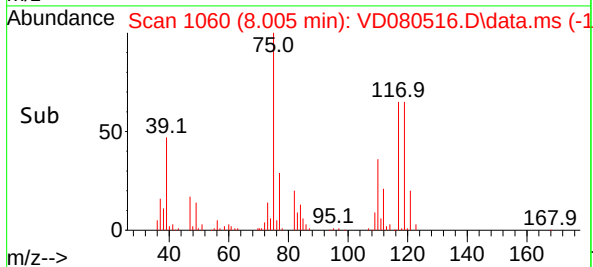
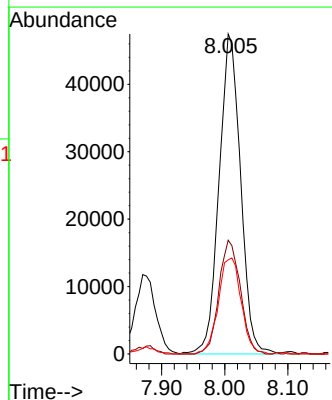
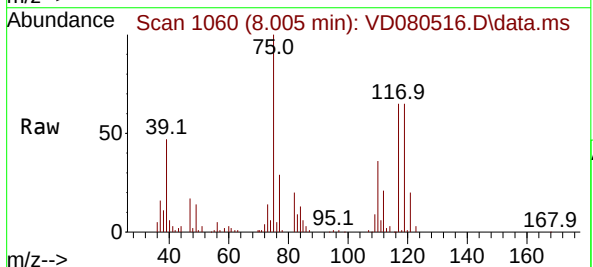
Tgt Ion: 75 Resp: 112212

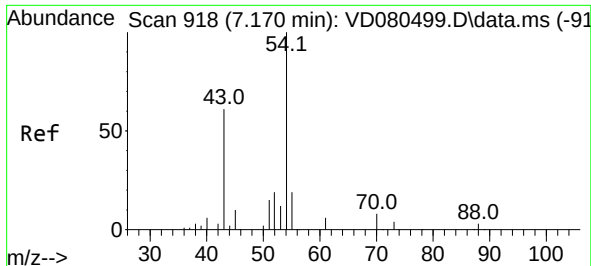
Ion Ratio Lower Upper

75 100

110 35.5 18.1 54.1

77 31.9 25.7 38.5





#37

Ethyl Acetate

Concen: 20.678 ug/l

RT: 7.164 min Scan# 918

Delta R.T. -0.006 min

Lab File: VD080516.D

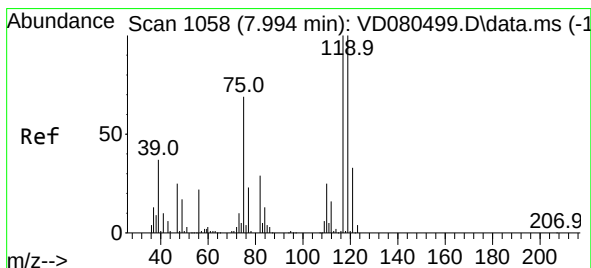
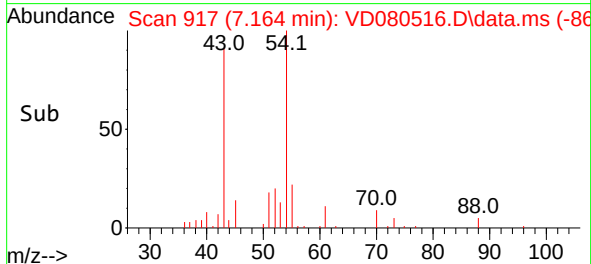
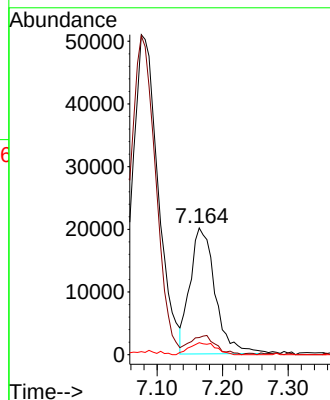
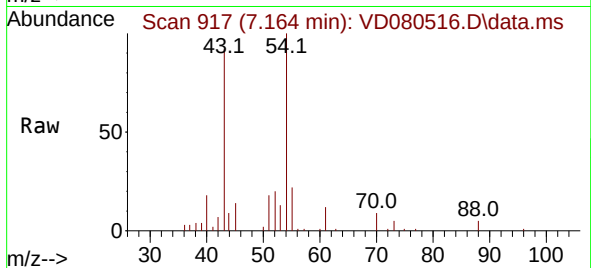
Acq: 05 Sep 2025 10:24

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	43	Resp:	53845
Ion Ratio	Lower	Upper	
43	100		
61	15.8	11.8	17.8
70	9.9	9.0	13.4



#38

Carbon Tetrachloride

Concen: 21.584 ug/l

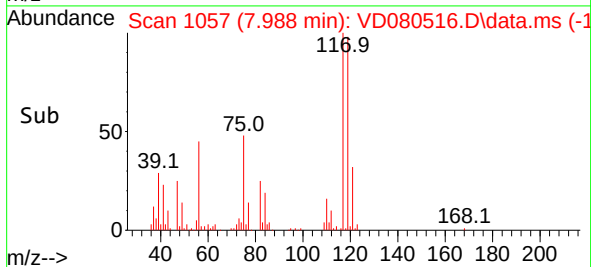
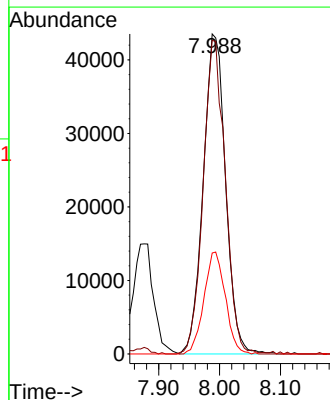
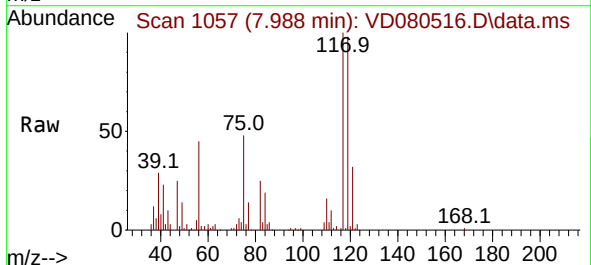
RT: 7.988 min Scan# 1057

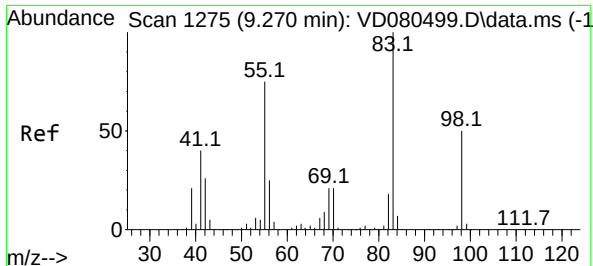
Delta R.T. -0.006 min

Lab File: VD080516.D

Acq: 05 Sep 2025 10:24

Tgt Ion:	117	Resp:	111241
Ion Ratio	Lower	Upper	
117	100		
119	97.6	80.2	120.2
121	31.5	26.8	40.2





#39

Methylcyclohexane

Concen: 20.777 ug/l

RT: 9.276 min Scan# 1101

Delta R.T. 0.006 min

Lab File: VD080516.D

Acq: 05 Sep 2025 10:24

Instrument :

MSVOA_D

ClientSampleId :

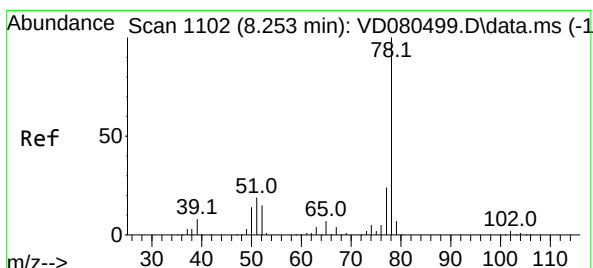
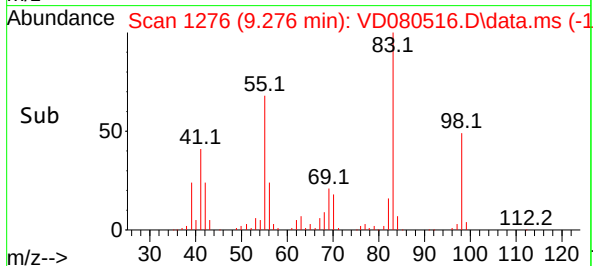
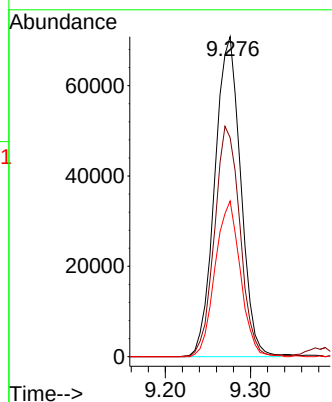
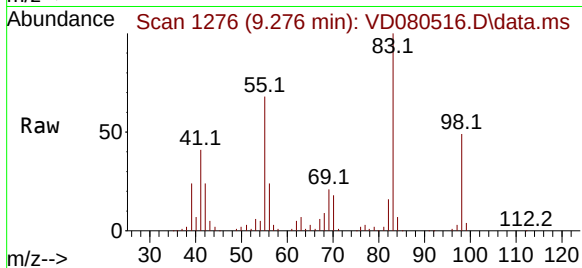
Tgt Ion: 83 Resp: 149751

Ion Ratio Lower Upper

83 100

55 68.4 60.4 90.6

98 48.7 39.8 59.6



#40

Benzene

Concen: 20.241 ug/l

RT: 8.247 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VD080516.D

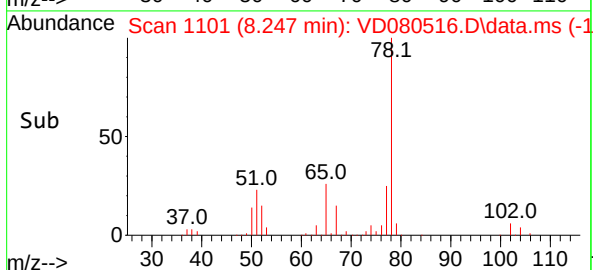
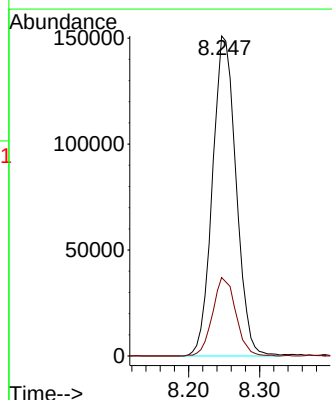
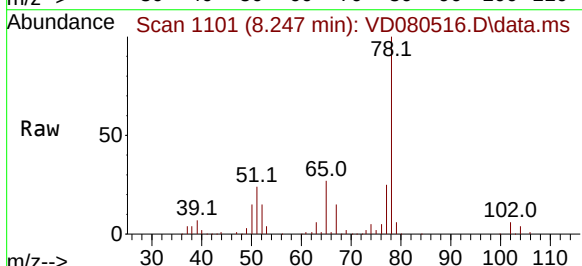
Acq: 05 Sep 2025 10:24

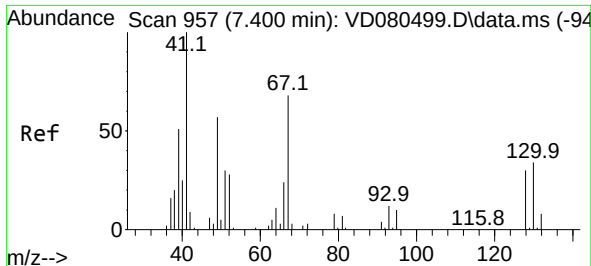
Tgt Ion: 78 Resp: 348820

Ion Ratio Lower Upper

78 100

77 24.5 19.0 28.6



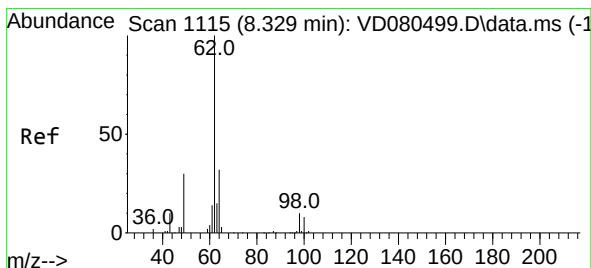
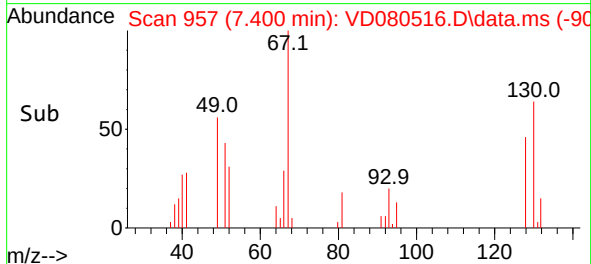
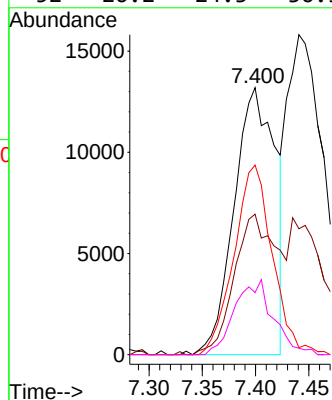
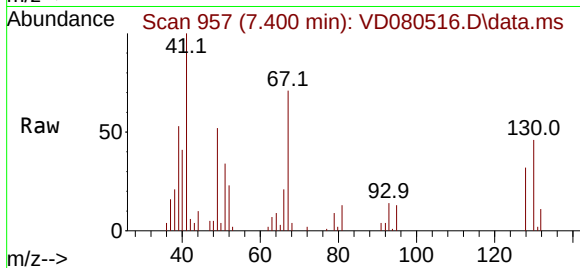


#41
Methacrylonitrile
Concen: 23.009 ug/l
RT: 7.400 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 41 Resp: 35572

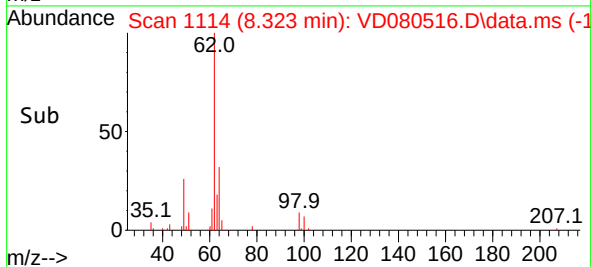
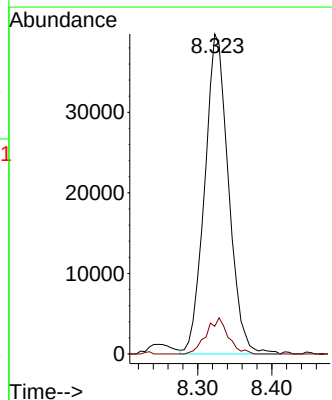
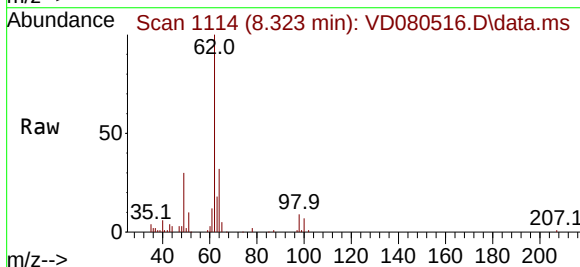
Ion	Ratio	Lower	Upper
41	100		
39	56.5	50.1	75.1
67	66.1	60.8	91.2
52	26.2	24.3	36.5

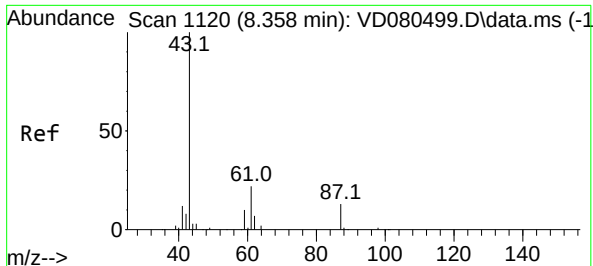


#42
1,2-Dichloroethane
Concen: 21.291 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

Tgt Ion: 62 Resp: 88875

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	22.0





#43

Isopropyl Acetate

Concen: 19.740 ug/l

RT: 8.358 min Scan# 1120

Delta R.T. -0.000 min

Lab File: VD080516.D

Acq: 05 Sep 2025 10:24

Instrument :

MSVOA_D

ClientSampleId :

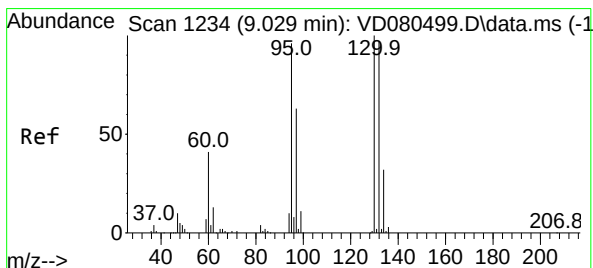
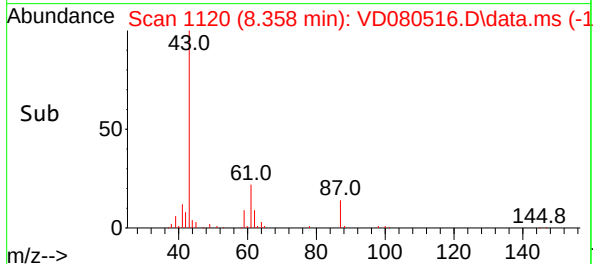
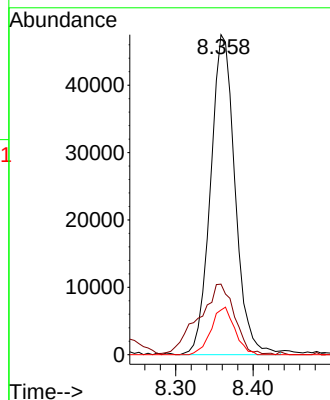
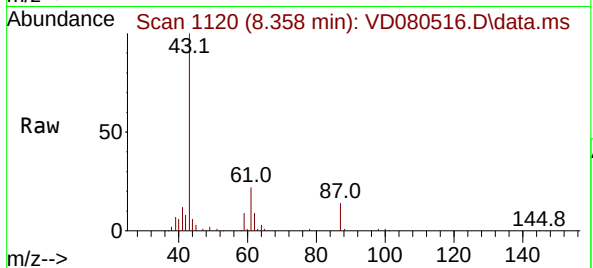
Tgt Ion: 43 Resp: 104582

Ion Ratio Lower Upper

43 100

61 30.9 24.3 36.5

87 14.2 10.9 16.3



#44

Trichloroethene

Concen: 20.816 ug/l

RT: 9.029 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VD080516.D

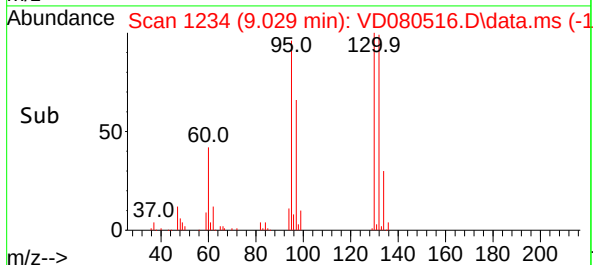
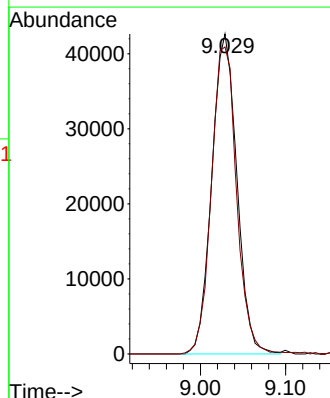
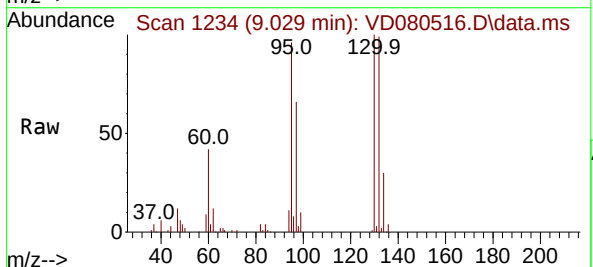
Acq: 05 Sep 2025 10:24

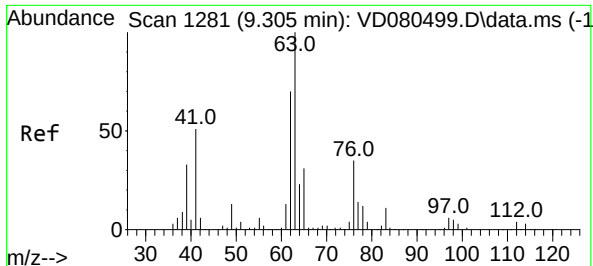
Tgt Ion:130 Resp: 87030

Ion Ratio Lower Upper

130 100

95 95.9 0.0 191.8





#45

1,2-Dichloropropane

Concen: 20.171 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD080516.D

Acq: 05 Sep 2025 10:24

Instrument :

MSVOA_D

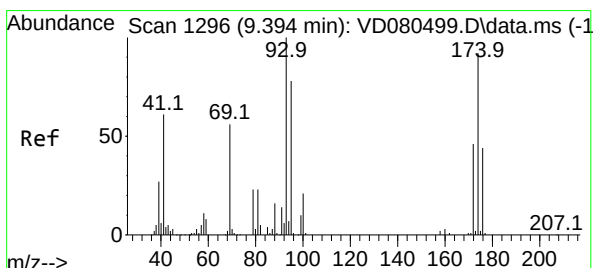
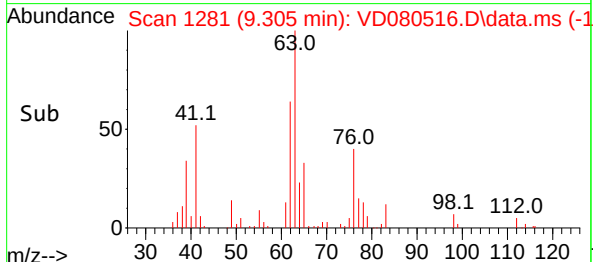
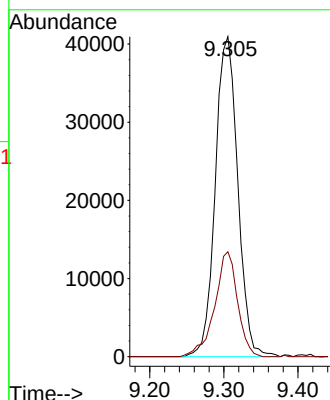
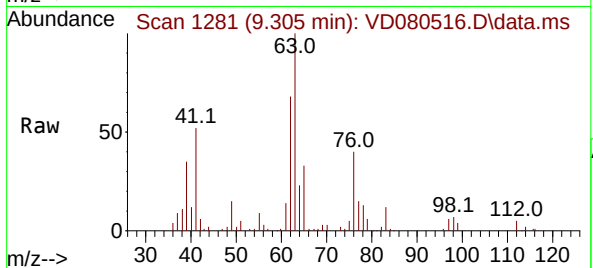
ClientSampleId :

Tgt Ion: 63 Resp: 86209

Ion Ratio Lower Upper

63 100

65 32.8 24.9 37.3



#46

Dibromomethane

Concen: 20.626 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VD080516.D

Acq: 05 Sep 2025 10:24

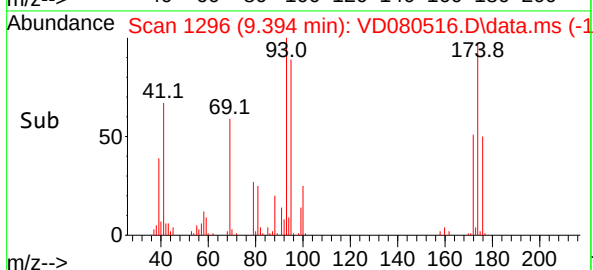
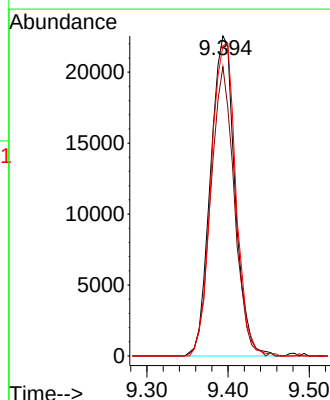
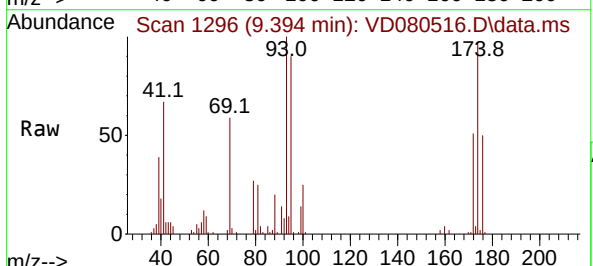
Tgt Ion: 93 Resp: 47230

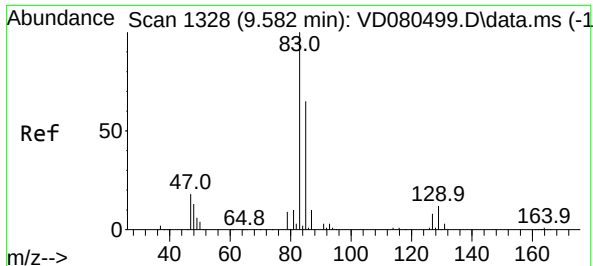
Ion Ratio Lower Upper

93 100

95 86.7 66.3 99.5

174 98.8 74.8 112.2





#47

Bromodichloromethane

Concen: 20.512 ug/l

RT: 9.582 min Scan# 11

Delta R.T. -0.000 min

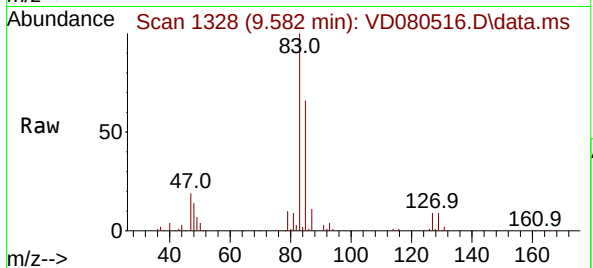
Lab File: VD080516.D

Acq: 05 Sep 2025 10:24

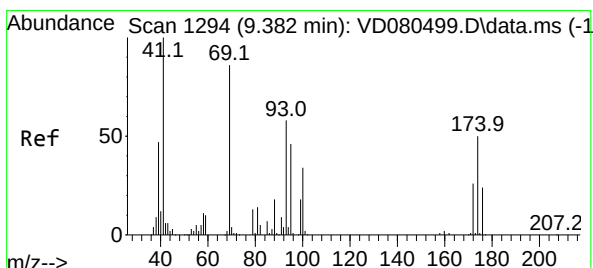
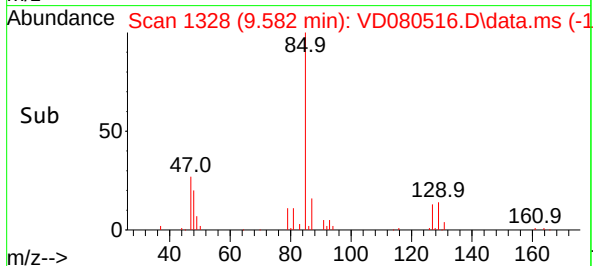
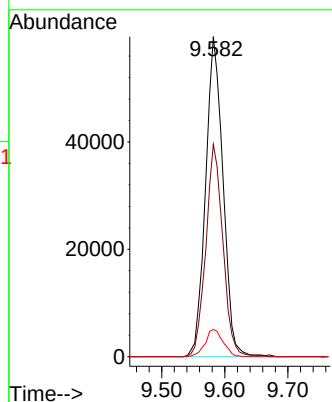
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	83	Resp:	114501
Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.2	78.2
127	8.5	6.6	9.8



#48

Methyl methacrylate

Concen: 20.064 ug/l

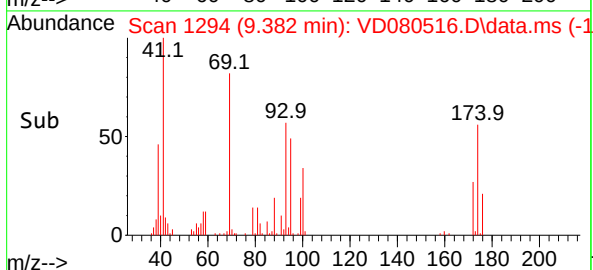
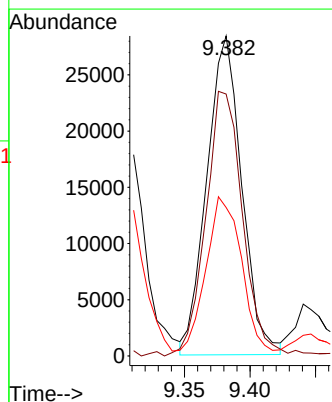
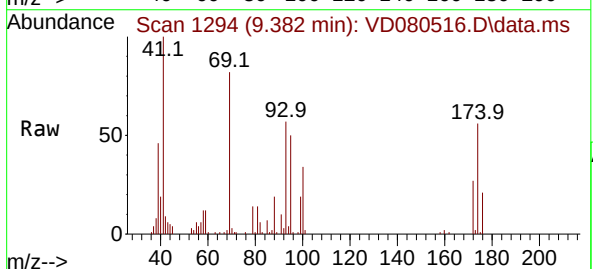
RT: 9.382 min Scan# 1294

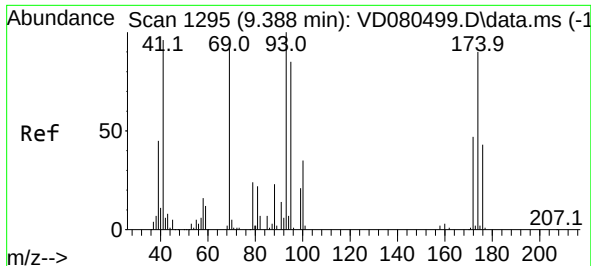
Delta R.T. -0.000 min

Lab File: VD080516.D

Acq: 05 Sep 2025 10:24

Tgt Ion:	41	Resp:	52696
Ion	Ratio	Lower	Upper
41	100		
69	88.0	68.7	103.1
39	48.8	36.5	54.7





#49

1,4-Dioxane

Concen: 434.223 ug/l

RT: 9.382 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VD080516.D

Acq: 05 Sep 2025 10:24

Instrument :

MSVOA_D

ClientSampleId :

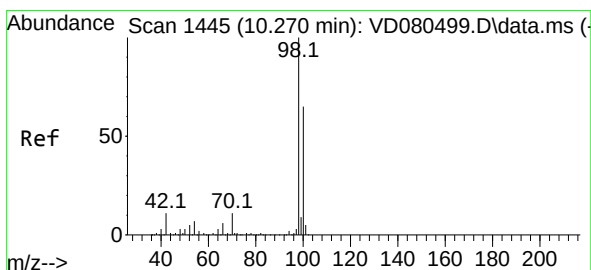
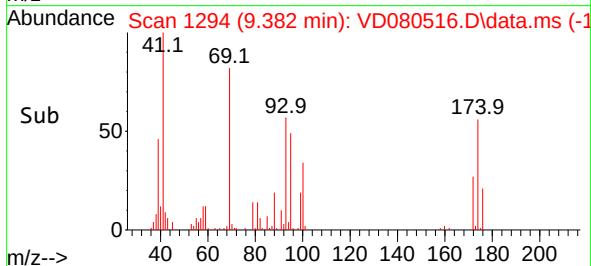
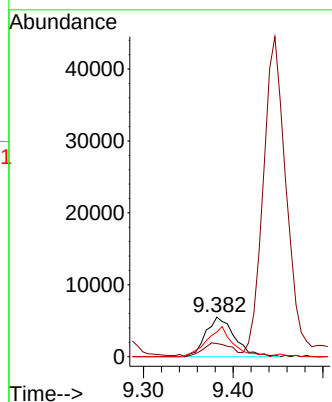
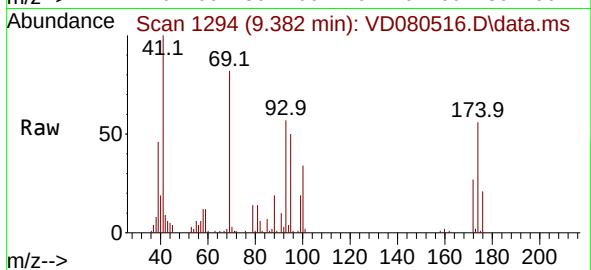
Tgt Ion: 88 Resp: 12292

Ion Ratio Lower Upper

88 100

43 33.3 26.1 39.1

58 68.7 54.2 81.2



#50

Toluene-d8

Concen: 48.470 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. -0.000 min

Lab File: VD080516.D

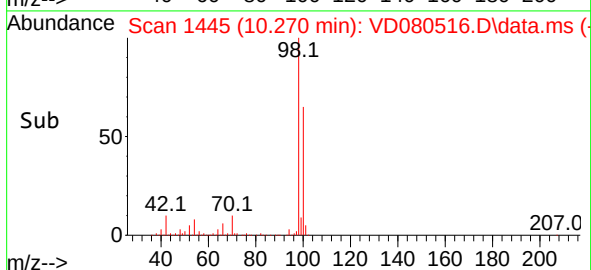
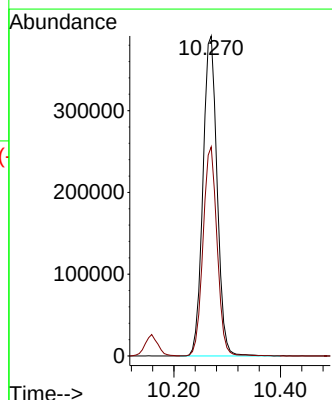
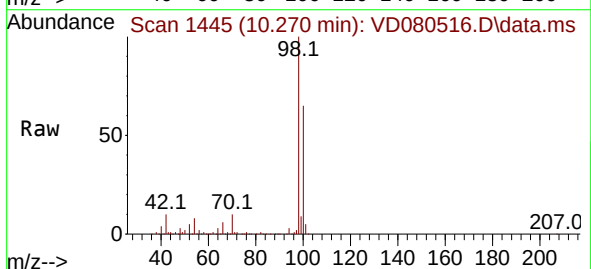
Acq: 05 Sep 2025 10:24

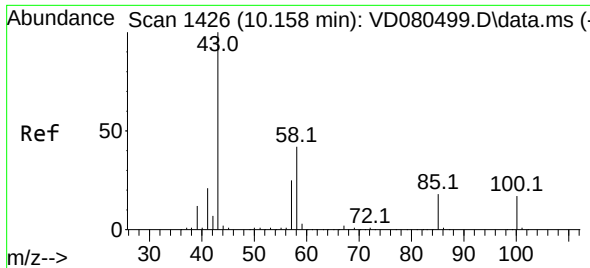
Tgt Ion: 98 Resp: 721226

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.6

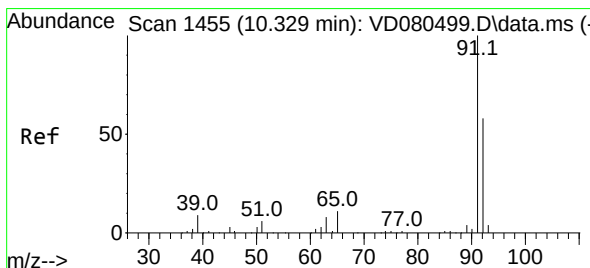
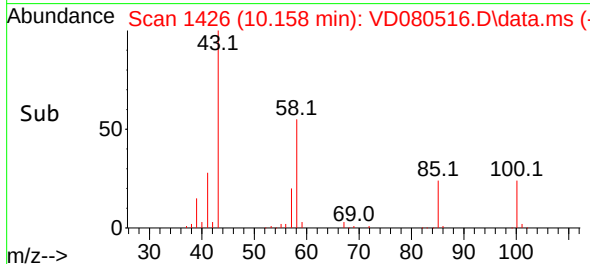
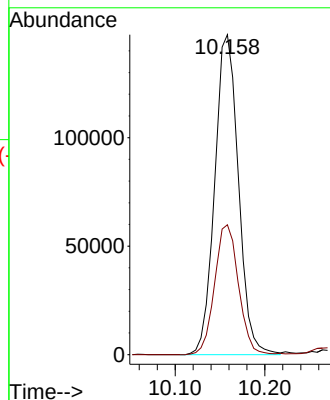
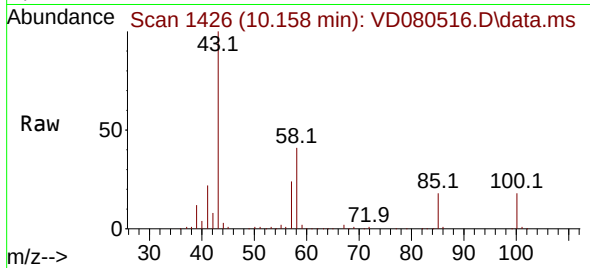




#51
4-Methyl-2-Pentanone
Concen: 102.286 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

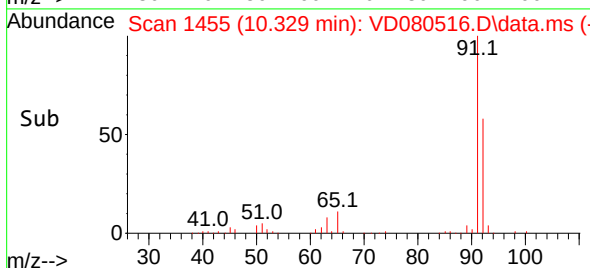
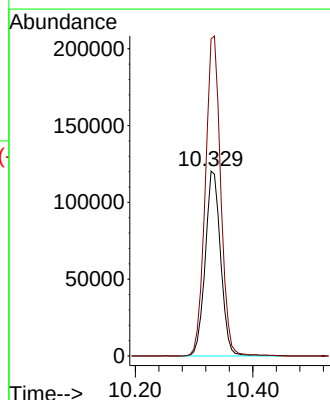
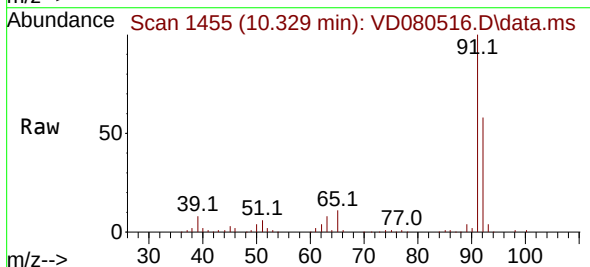
Instrument :
MSVOA_D
ClientSampleId :

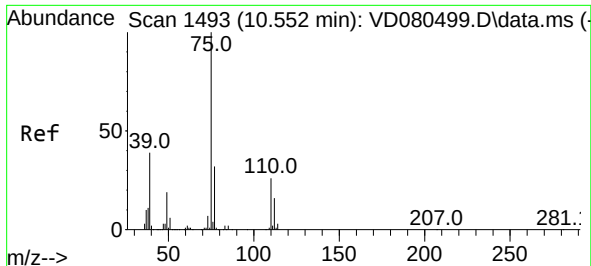
Tgt Ion: 43 Resp: 270261
Ion Ratio Lower Upper
43 100
58 41.1 32.8 49.2



#52
Toluene
Concen: 20.385 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

Tgt Ion: 92 Resp: 219084
Ion Ratio Lower Upper
92 100
91 172.6 138.8 208.2

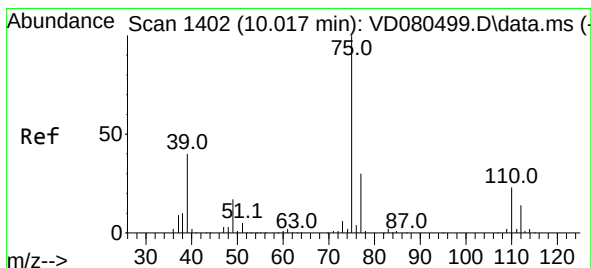
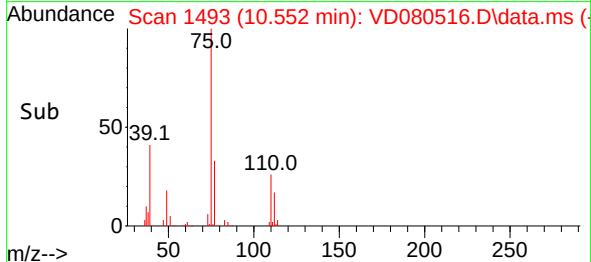
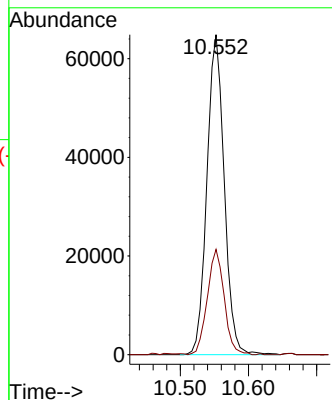
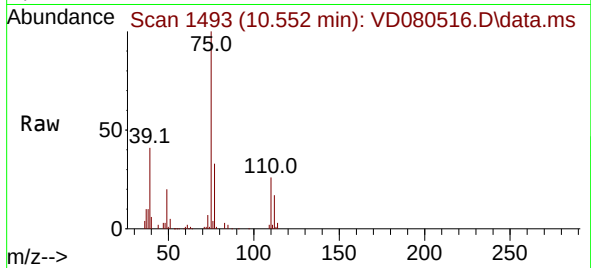




#53
 t-1,3-Dichloropropene
 Concen: 20.169 ug/l
 RT: 10.552 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VD080516.D
 Acq: 05 Sep 2025 10:24

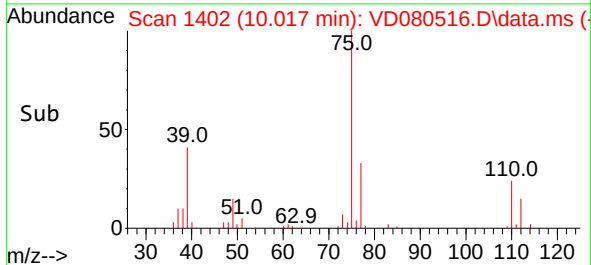
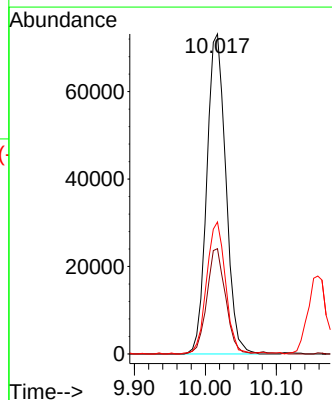
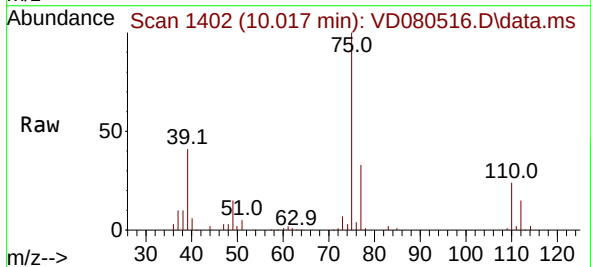
Instrument :
 MSVOA_D
 ClientSampleId :

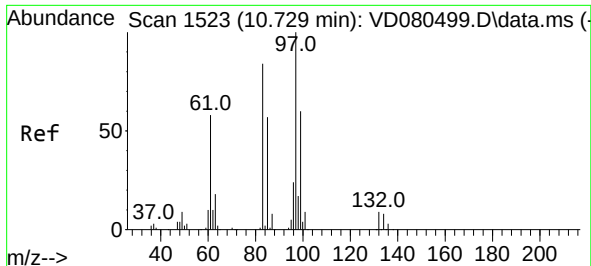
Tgt Ion: 75 Resp: 114739
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.081 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. -0.000 min
 Lab File: VD080516.D
 Acq: 05 Sep 2025 10:24

Tgt Ion: 75 Resp: 136615
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.2 36.4
 39 41.3 31.8 47.6

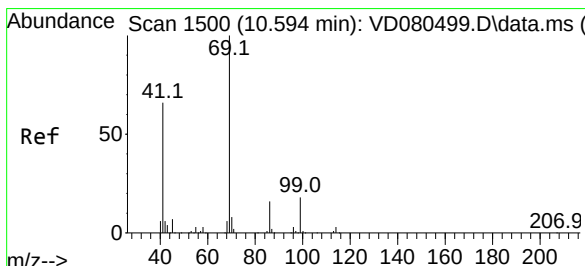
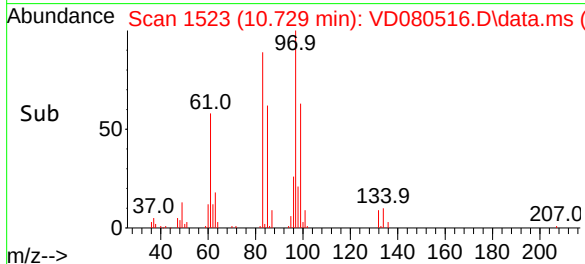
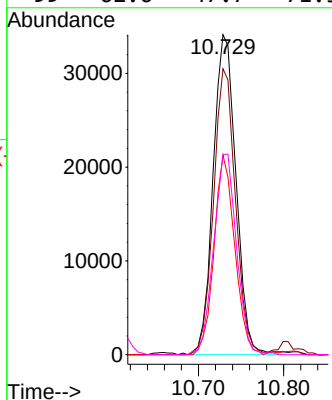
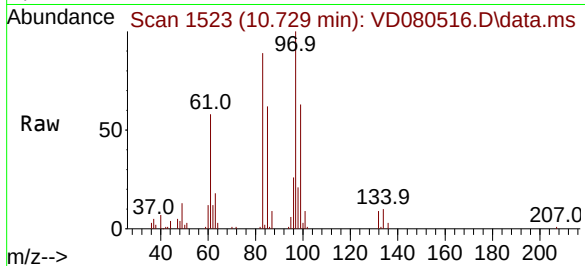




#55
1,1,2-Trichloroethane
Concen: 20.729 ug/l
RT: 10.729 min Scan# 1501
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

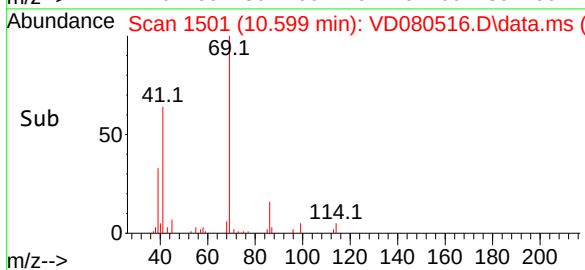
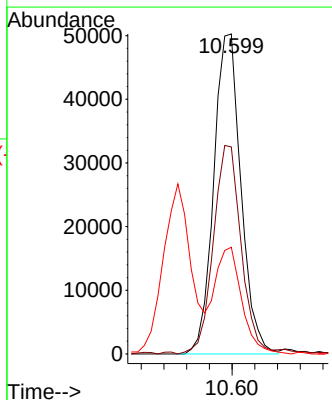
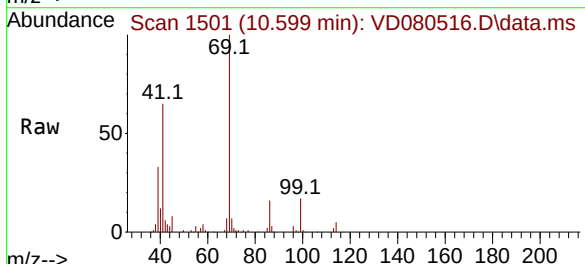
Instrument :
MSVOA_D
ClientSampleId :

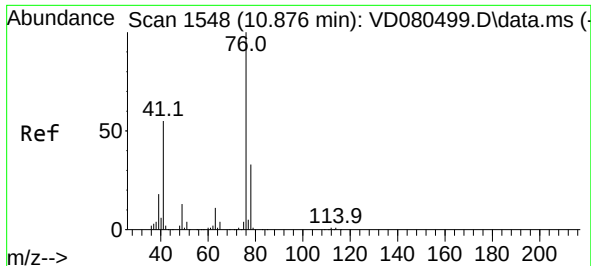
Tgt Ion:	97	Resp:	63637
Ion	Ratio	Lower	Upper
97	100		
83	89.3	67.0	100.6
85	62.3	45.6	68.4
99	62.6	47.7	71.5



#56
Ethyl methacrylate
Concen: 19.543 ug/l
RT: 10.599 min Scan# 1501
Delta R.T. 0.006 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

Tgt Ion:	69	Resp:	83594
Ion	Ratio	Lower	Upper
69	100		
41	67.8	51.9	77.9
39	33.3	23.6	35.4





#57

1,3-Dichloropropane

Concen: 20.811 ug/l

RT: 10.882 min Scan# 112132

Delta R.T. 0.006 min

Lab File: VD080516.D

Acq: 05 Sep 2025 10:24

Instrument :

MSVOA_D

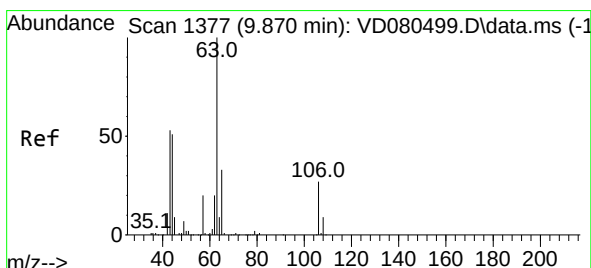
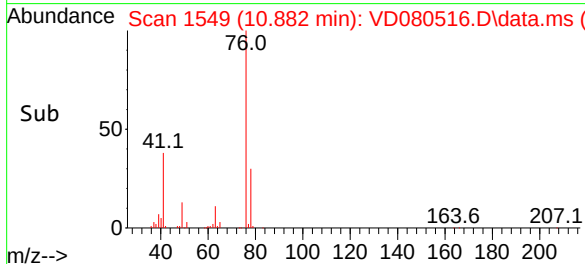
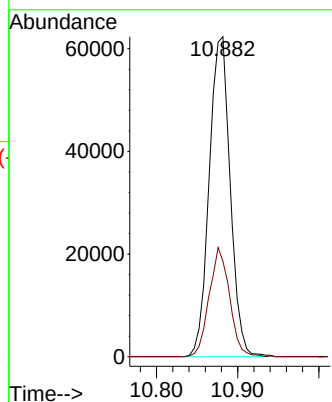
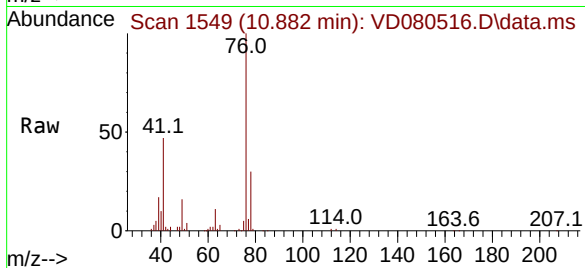
ClientSampleId :

Tgt Ion: 76 Resp: 112132

Ion Ratio Lower Upper

76 100

78 33.1 26.9 40.3



#58

2-Chloroethyl Vinyl ether

Concen: 101.381 ug/l

RT: 9.864 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VD080516.D

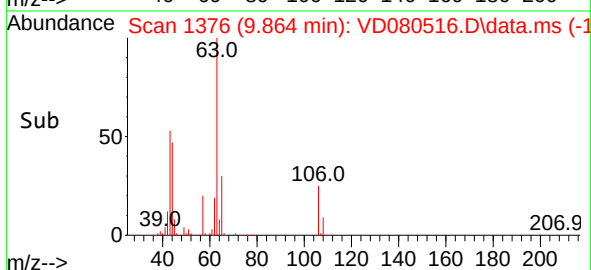
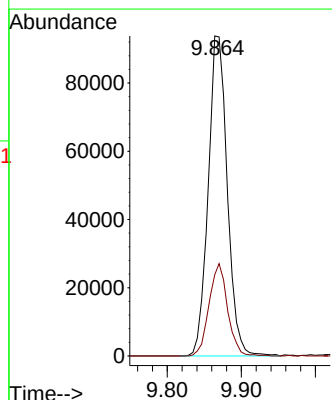
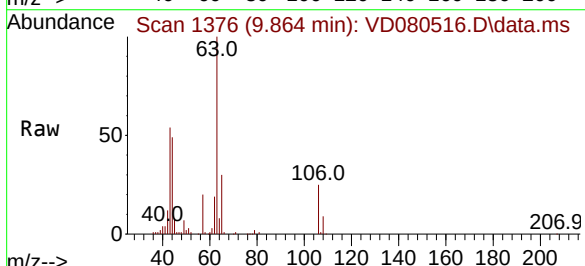
Acq: 05 Sep 2025 10:24

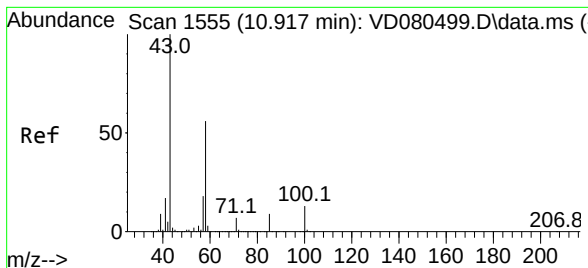
Tgt Ion: 63 Resp: 167812

Ion Ratio Lower Upper

63 100

106 28.0 22.1 33.1

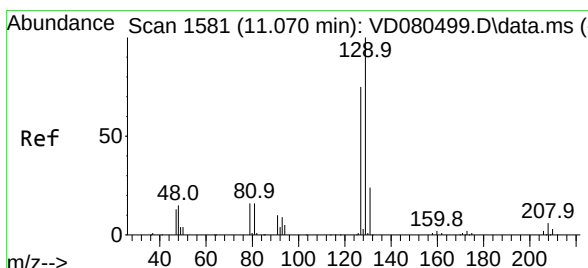
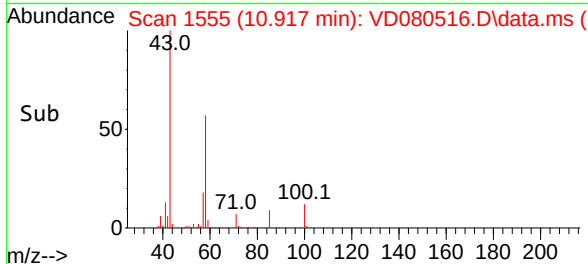
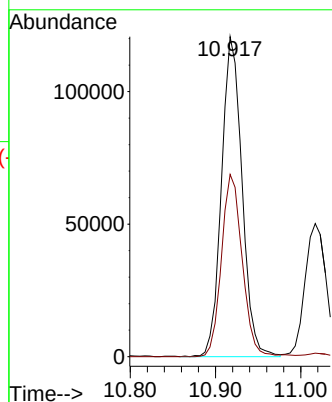
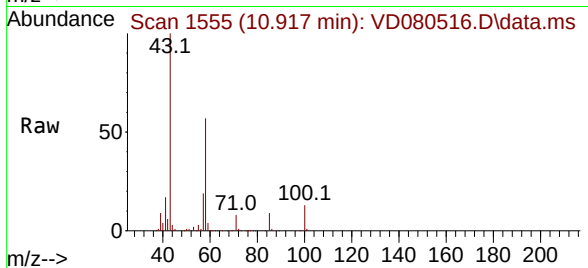




#59
2-Hexanone
Concen: 107.668 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

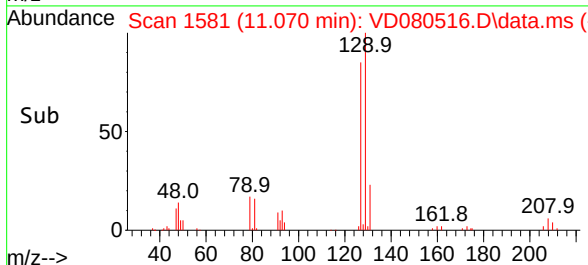
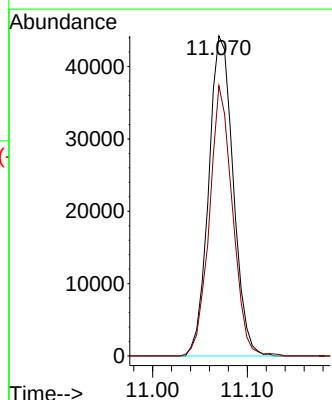
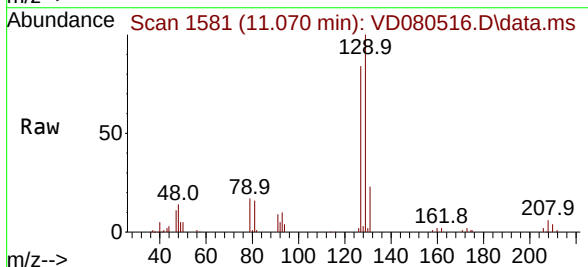
Instrument :
MSVOA_D
ClientSampleId :

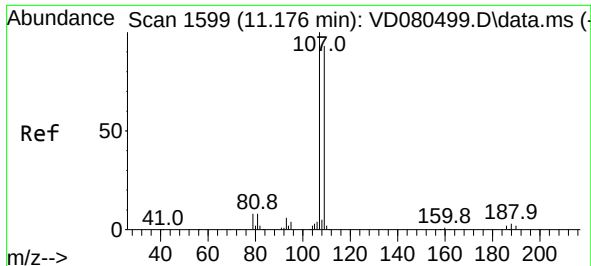
Tgt Ion: 43 Resp: 202131
Ion Ratio Lower Upper
43 100
58 57.7 28.3 85.0



#60
Dibromochloromethane
Concen: 20.584 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

Tgt Ion:129 Resp: 79641
Ion Ratio Lower Upper
129 100
127 79.4 38.6 115.7

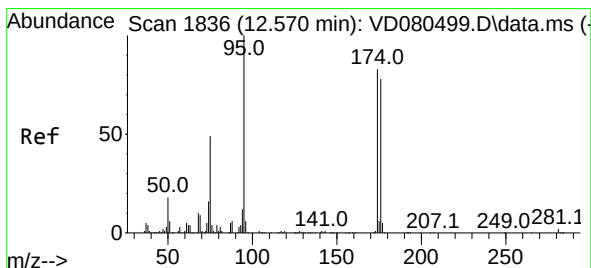
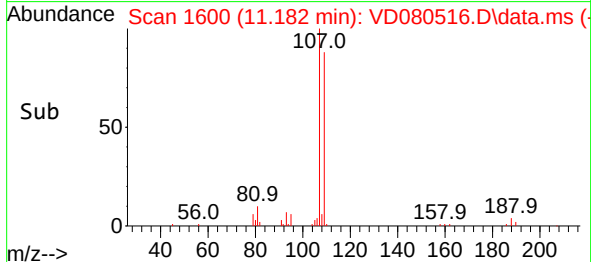
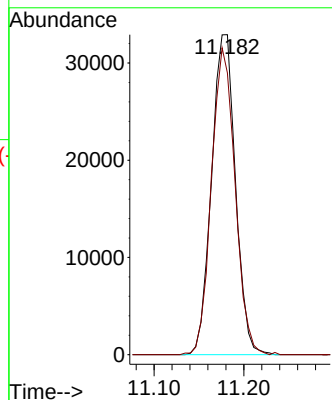
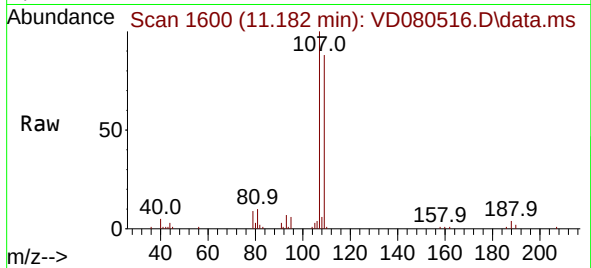




#61
1,2-Dibromoethane
Concen: 20.874 ug/l
RT: 11.182 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

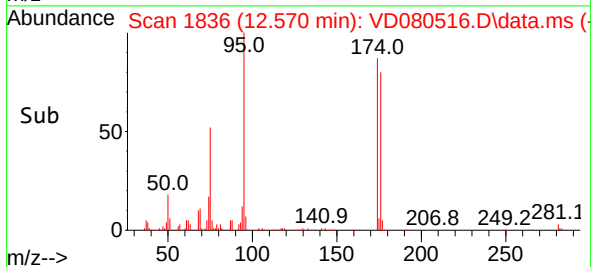
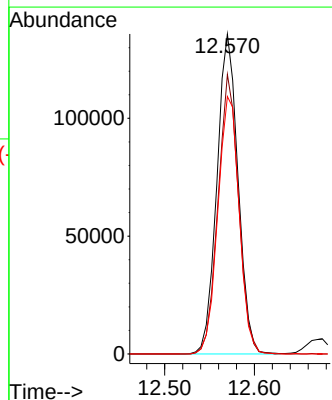
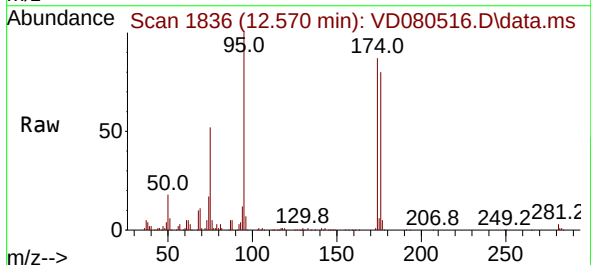
Instrument :
MSVOA_D
ClientSampleId :

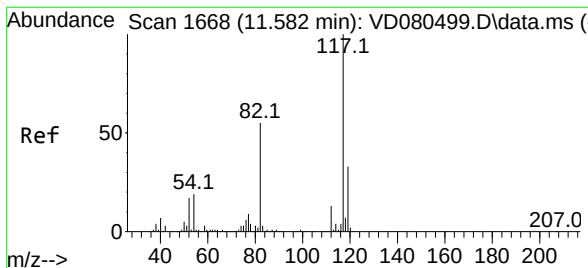
Tgt Ion:107 Resp: 60978
Ion Ratio Lower Upper
107 100
109 94.6 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 47.246 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

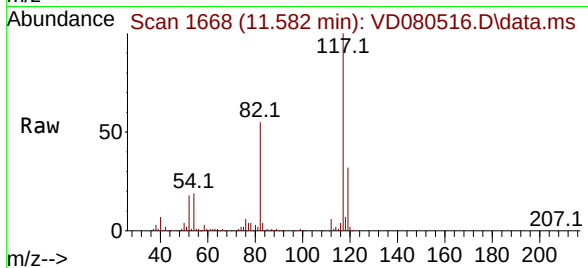
Tgt Ion: 95 Resp: 221696
Ion Ratio Lower Upper
95 100
174 84.8 0.0 162.6
176 81.4 0.0 156.0



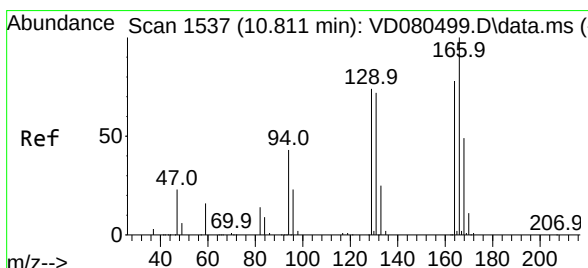
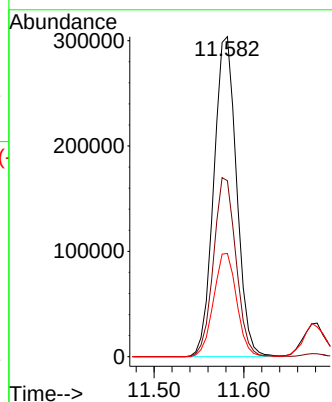
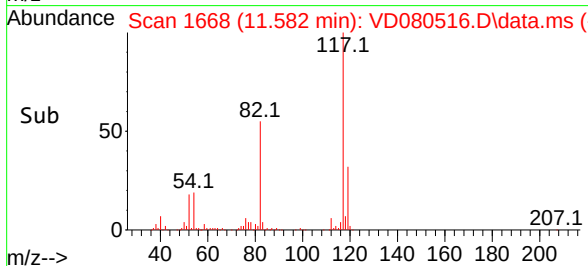


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

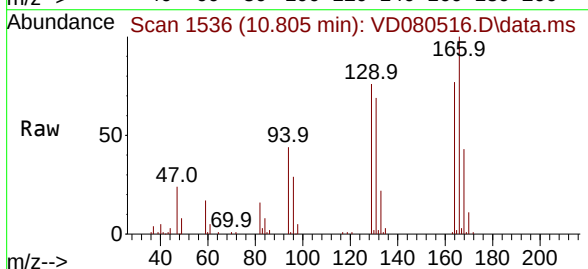
Instrument :
MSVOA_D
ClientSampleId :



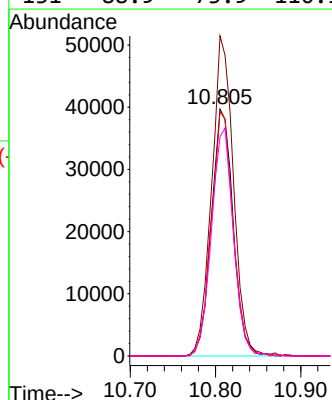
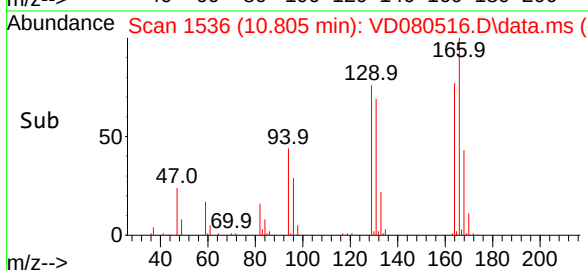
Tgt Ion:117 Resp: 536088
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.6
119 32.3 26.1 39.1

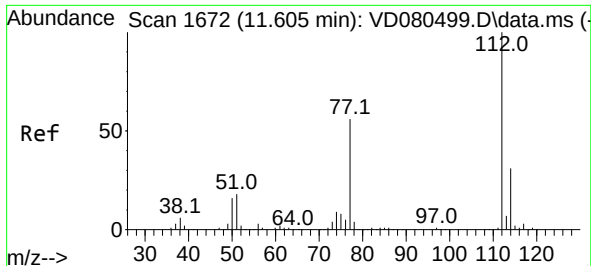


#64
Tetrachloroethene
Concen: 21.306 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. -0.006 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24



Tgt Ion:164 Resp: 70538
Ion Ratio Lower Upper
164 100
166 129.7 103.1 154.7
129 99.1 76.2 114.2
131 88.9 73.9 110.9

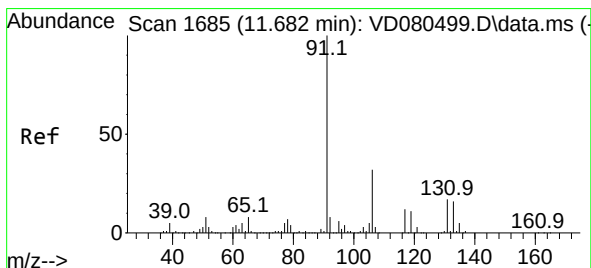
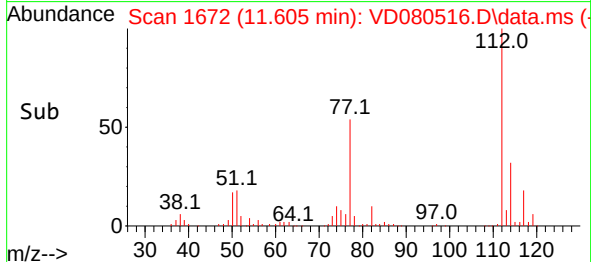
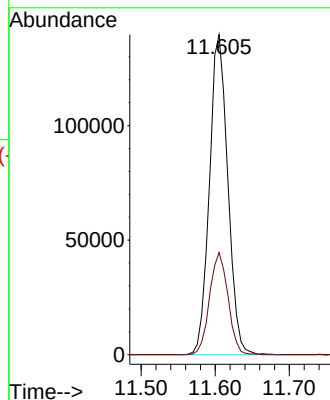
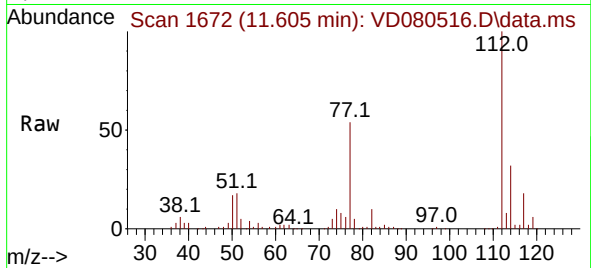




#65
Chlorobenzene
Concen: 21.057 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

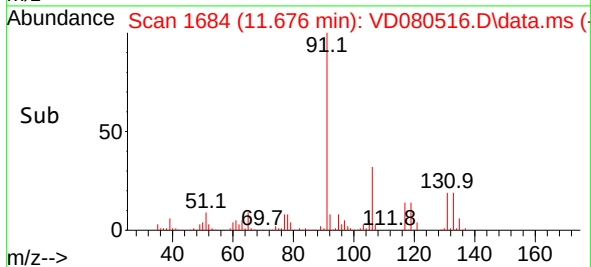
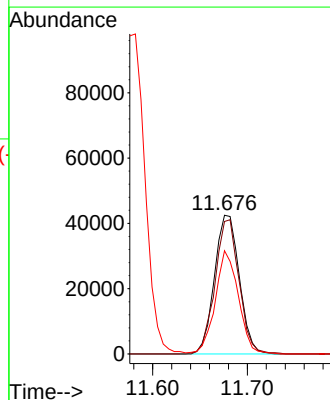
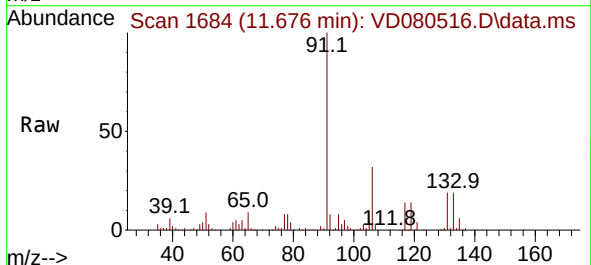
Instrument :
MSVOA_D
ClientSampleId :

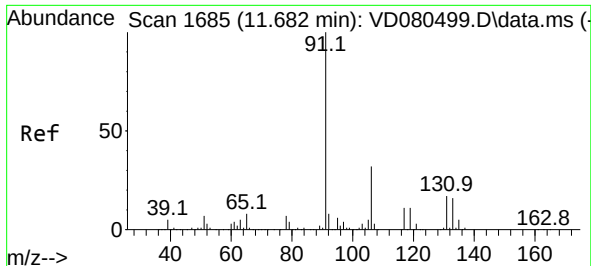
Tgt Ion:112 Resp: 240551
Ion Ratio Lower Upper
112 100
114 31.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.252 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

Tgt Ion:131 Resp: 77439
Ion Ratio Lower Upper
131 100
133 93.6 47.8 143.3
119 69.4 34.6 103.9

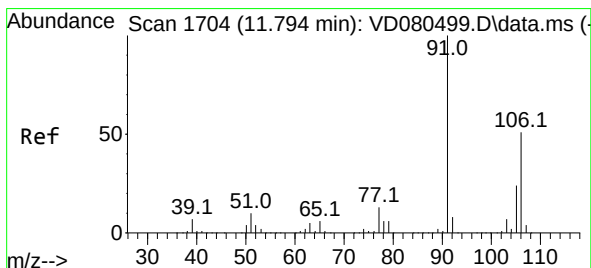
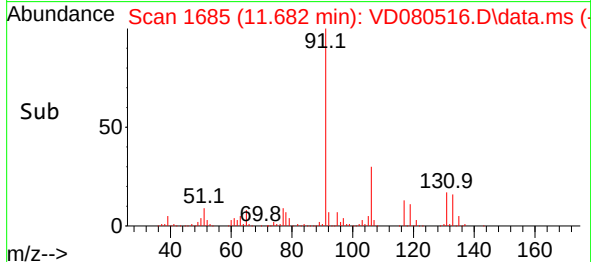
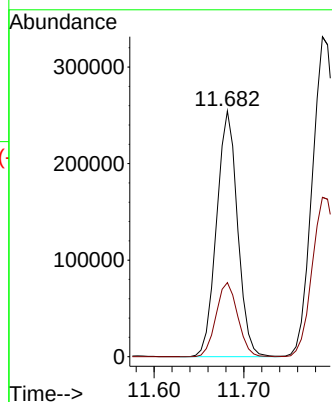
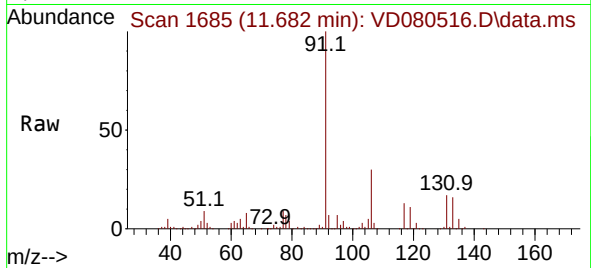




#67
Ethyl Benzene
Concen: 20.903 ug/l
RT: 11.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

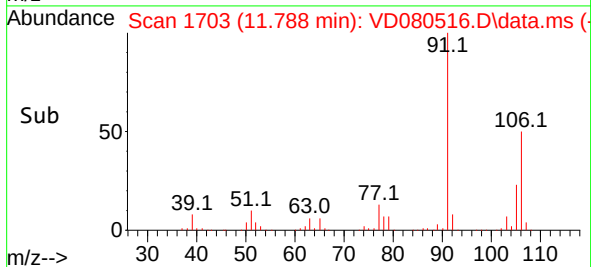
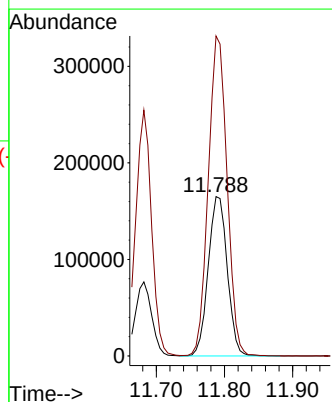
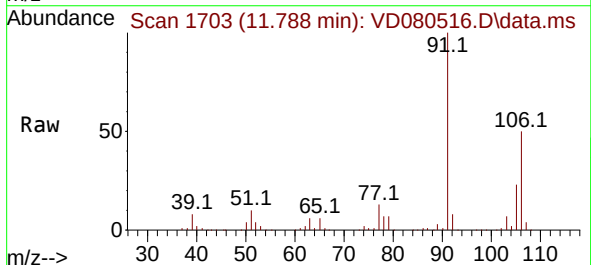
Instrument :
MSVOA_D
ClientSampleId :

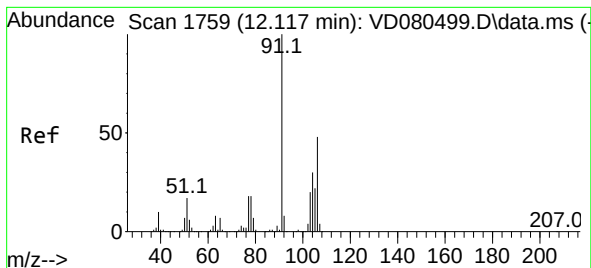
Tgt Ion: 91 Resp: 413308
Ion Ratio Lower Upper
91 100
106 30.1 25.4 38.0



#68
m/p-Xylenes
Concen: 42.089 ug/l
RT: 11.788 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

Tgt Ion:106 Resp: 320439
Ion Ratio Lower Upper
106 100
91 198.3 158.5 237.7





#69

o-Xylene

Concen: 21.029 ug/l

RT: 12.117 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080516.D

Acq: 05 Sep 2025 10:24

Instrument :

MSVOA_D

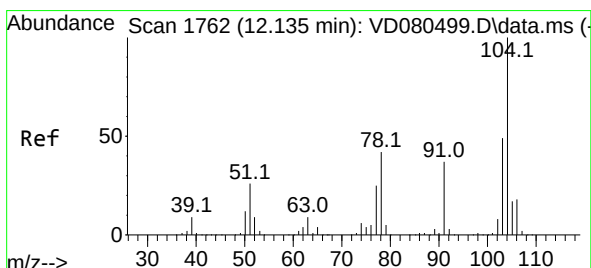
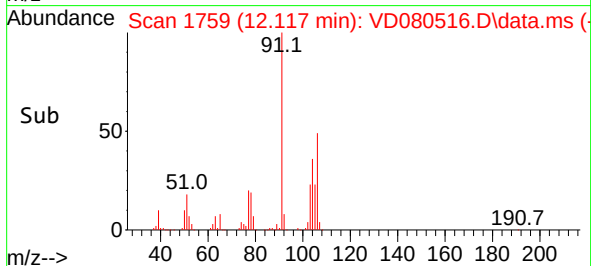
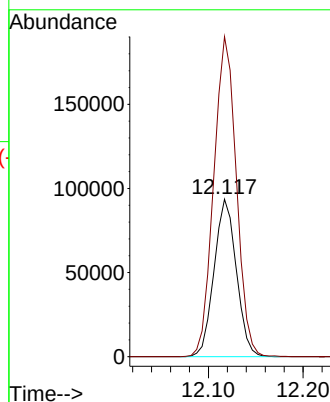
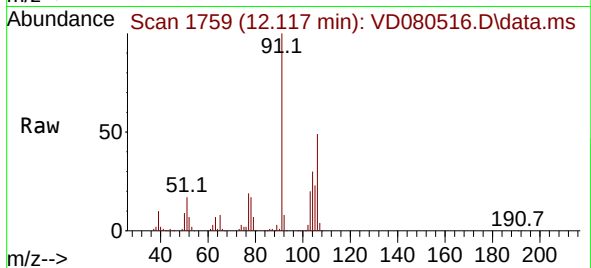
ClientSampleId :

Tgt Ion:106 Resp: 152778

Ion Ratio Lower Upper

106 100

91 206.6 105.3 315.8



#70

Styrene

Concen: 20.890 ug/l

RT: 12.135 min Scan# 1762

Delta R.T. -0.000 min

Lab File: VD080516.D

Acq: 05 Sep 2025 10:24

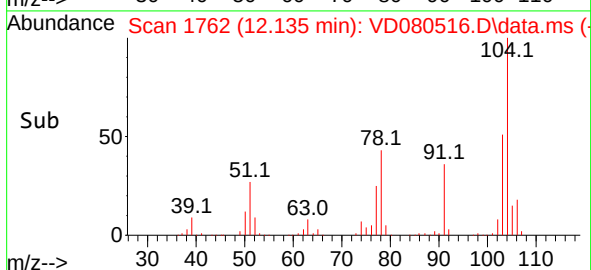
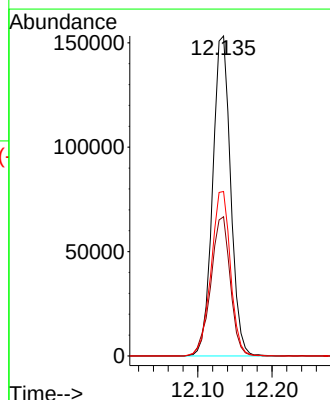
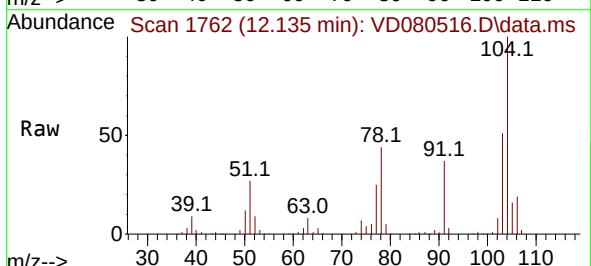
Tgt Ion:104 Resp: 258189

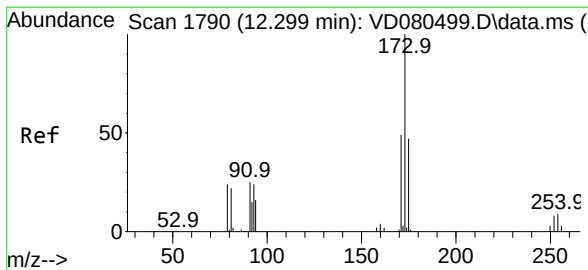
Ion Ratio Lower Upper

104 100

78 47.1 37.9 56.9

103 55.4 43.5 65.3

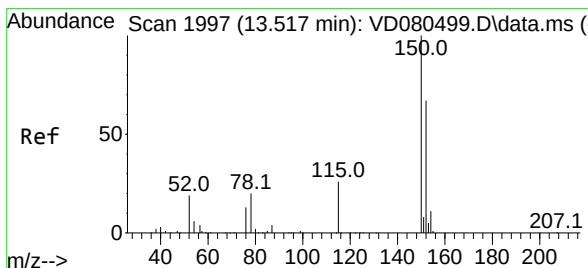
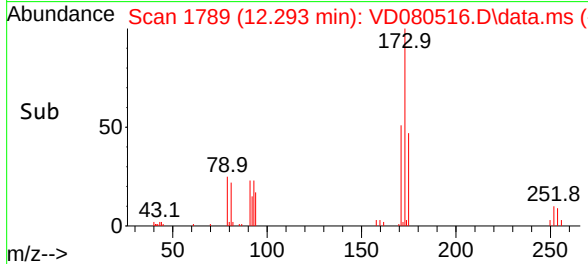
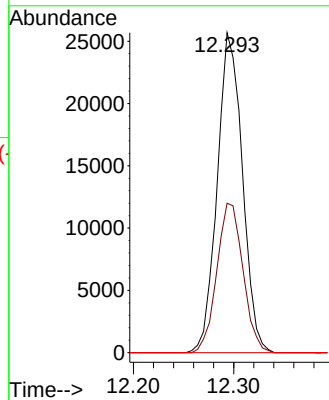
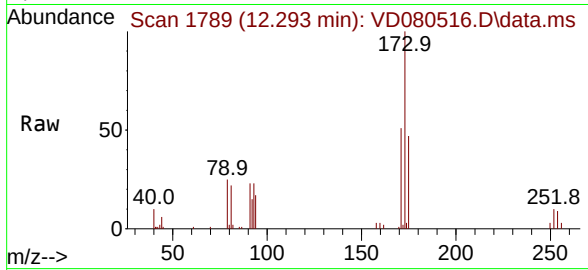




#71
Bromoform
Concen: 21.618 ug/l
RT: 12.293 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

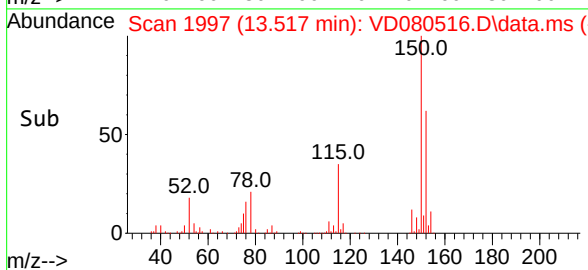
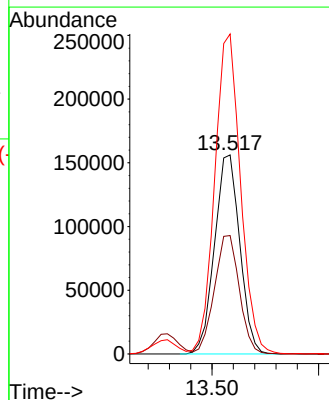
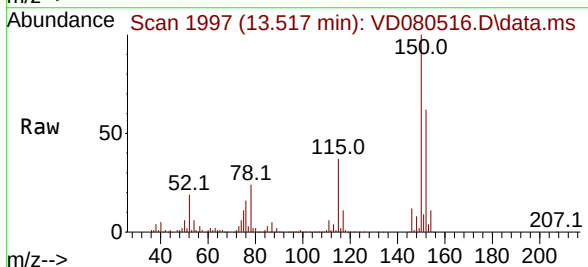
Instrument :
MSVOA_D
ClientSampleId :

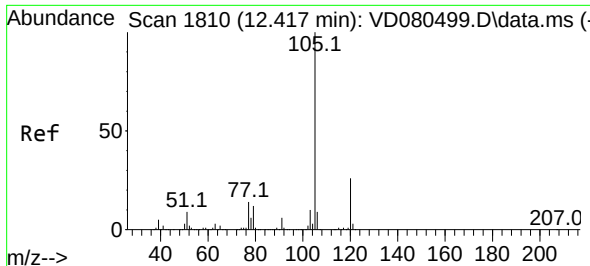
Tgt Ion:173 Resp: 44769
Ion Ratio Lower Upper
173 100
175 48.6 23.9 71.7
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

Tgt Ion:152 Resp: 256976
Ion Ratio Lower Upper
152 100
115 58.8 29.0 87.0
150 164.5 0.0 345.0

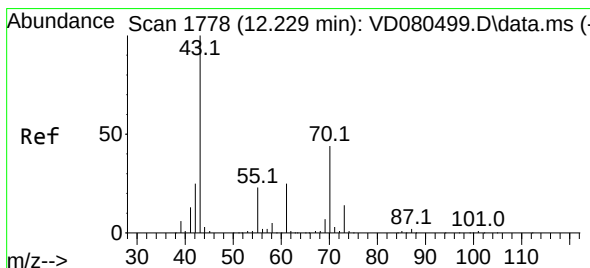
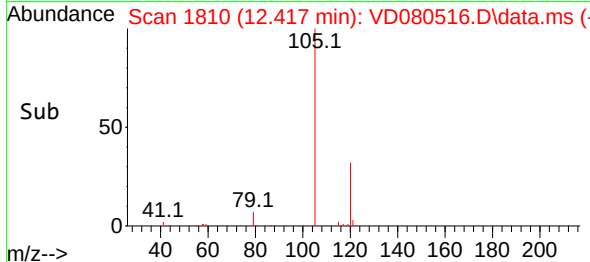
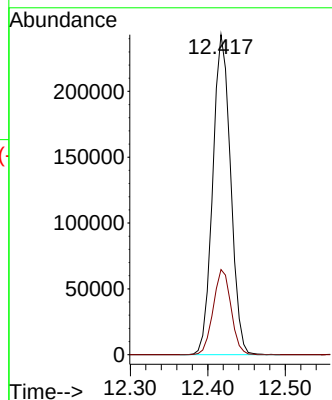
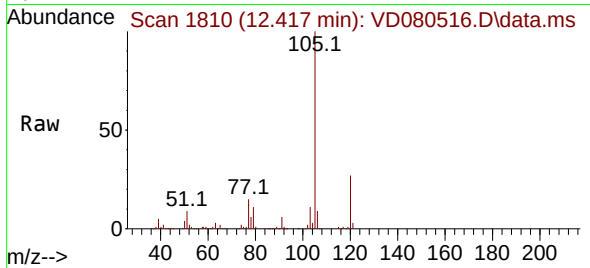




#73
Isopropylbenzene
Concen: 20.666 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

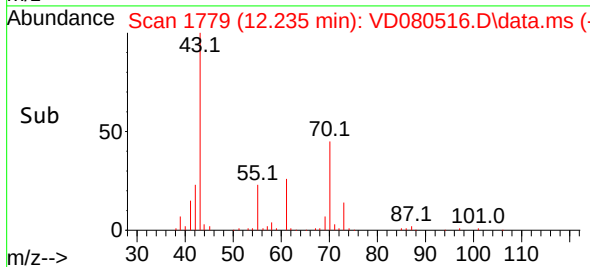
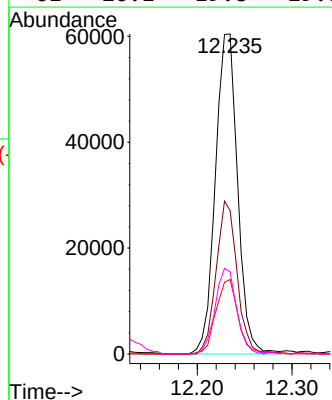
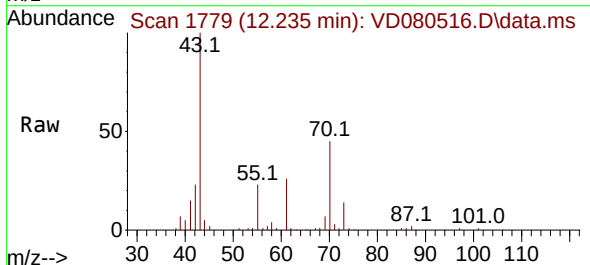
Instrument :
MSVOA_D
ClientSampleId :

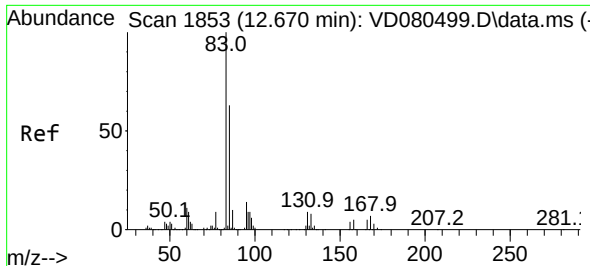
Tgt Ion:105 Resp: 389090
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4



#74
N-ethyl acetate
Concen: 19.782 ug/l
RT: 12.235 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

Tgt Ion: 43 Resp: 98840
Ion Ratio Lower Upper
43 100
70 45.0 35.4 53.0
55 22.8 18.6 28.0
61 26.1 19.8 29.8

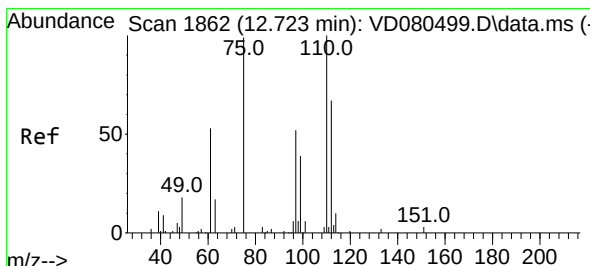
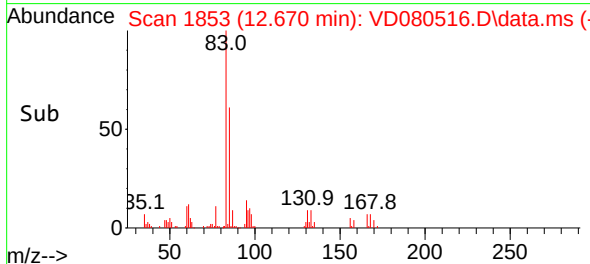
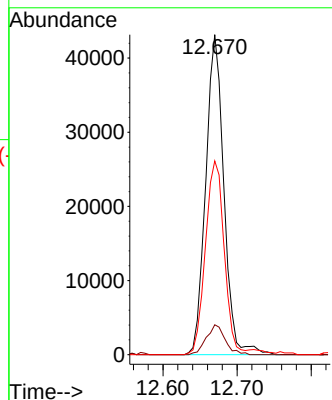
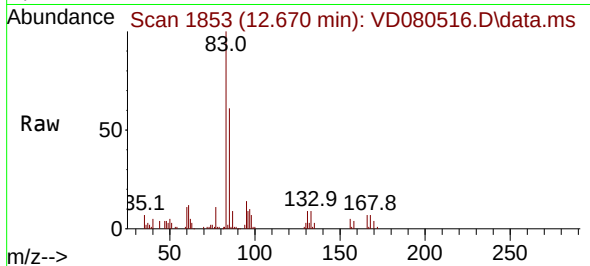




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.020 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VD080516.D
 Acq: 05 Sep 2025 10:24

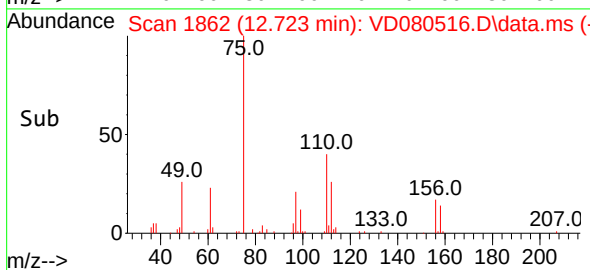
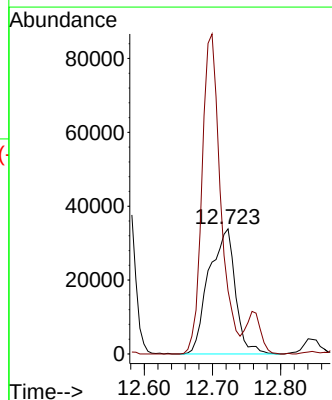
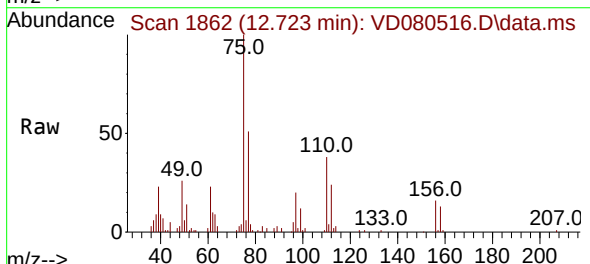
Instrument :
 MSVOA_D
 ClientSampleId :

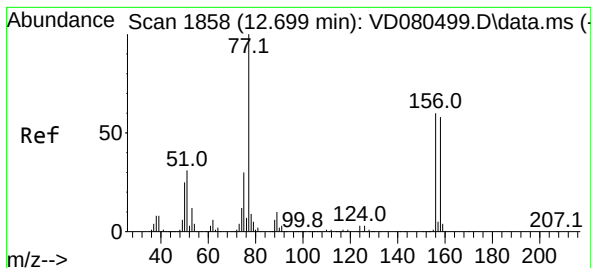
Tgt Ion: 83 Resp: 73578
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.0 15.0
 85 62.4 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 43.675 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VD080516.D
 Acq: 05 Sep 2025 10:24

Tgt Ion: 75 Resp: 91601
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.577 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VD080516.D

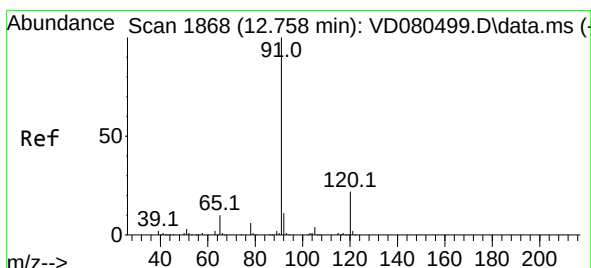
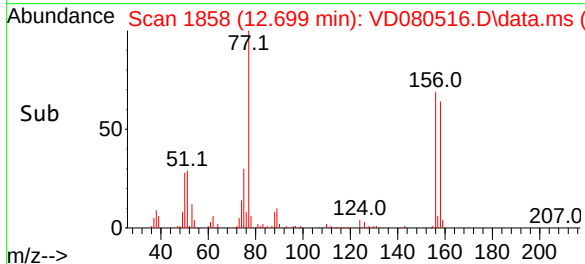
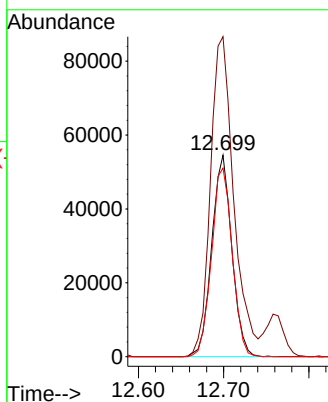
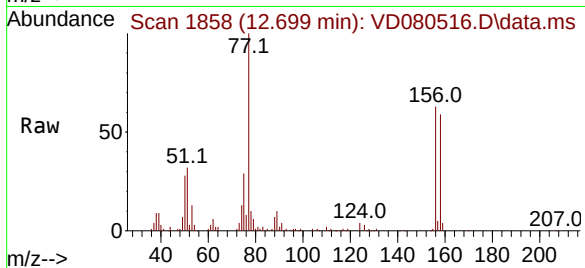
Acq: 05 Sep 2025 10:24

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	156	Resp:	89639
Ion	Ratio	Lower	Upper
156	100		
77	183.8	92.5	277.3
158	96.1	47.9	143.6



#78

n-propylbenzene

Concen: 20.457 ug/l

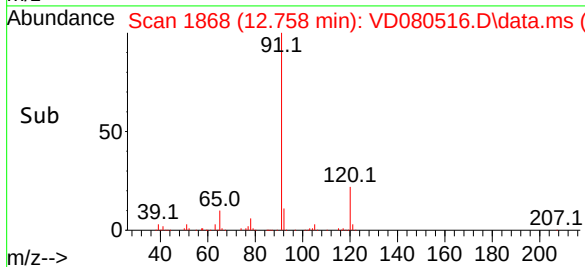
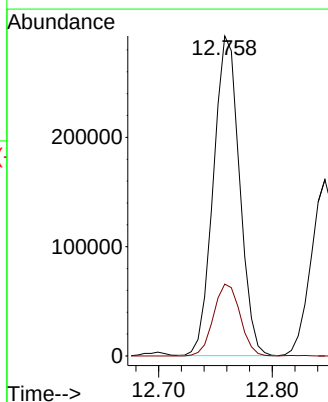
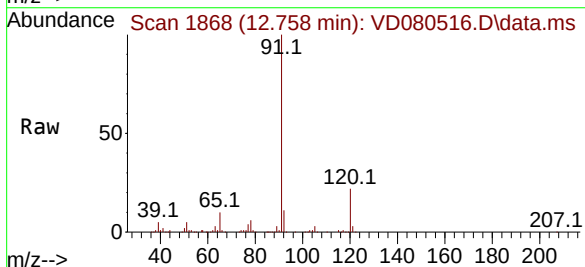
RT: 12.758 min Scan# 1868

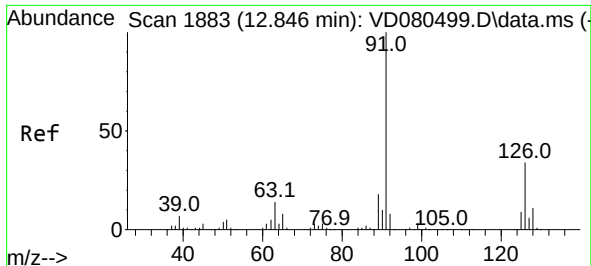
Delta R.T. -0.000 min

Lab File: VD080516.D

Acq: 05 Sep 2025 10:24

Tgt Ion:	91	Resp:	467688
Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.3	33.9

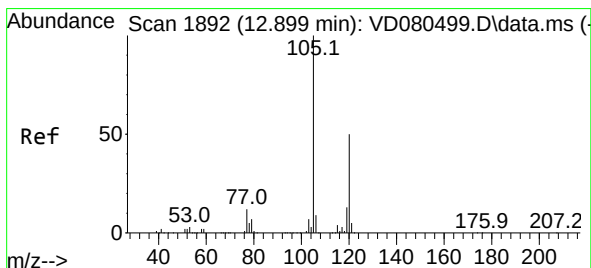
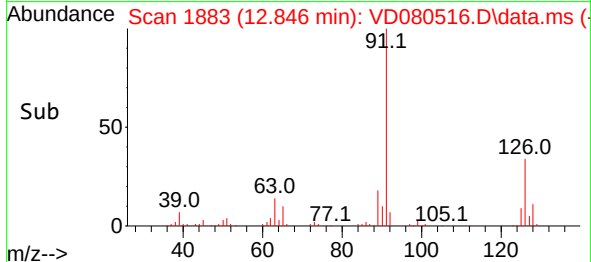
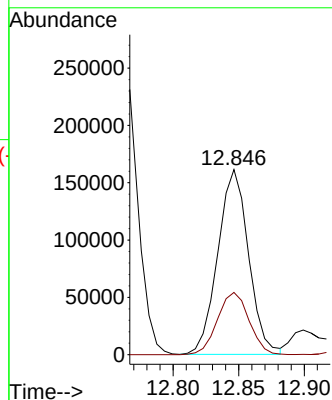
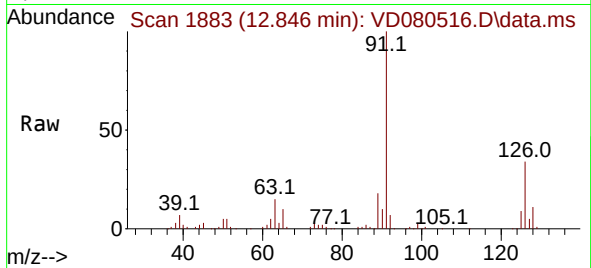




#79
2-Chlorotoluene
Concen: 20.224 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

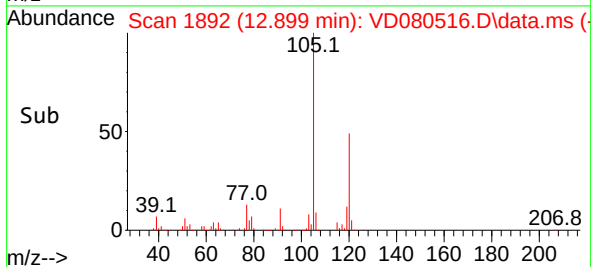
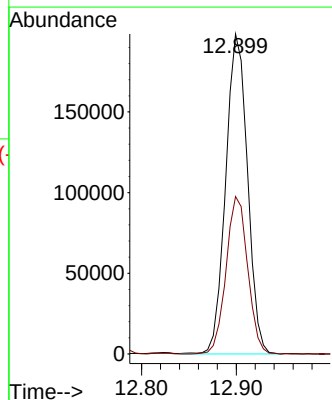
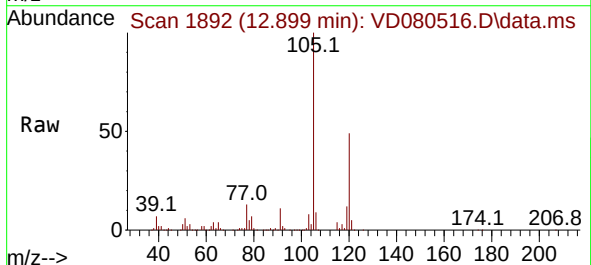
Instrument :
MSVOA_D
ClientSampleId :

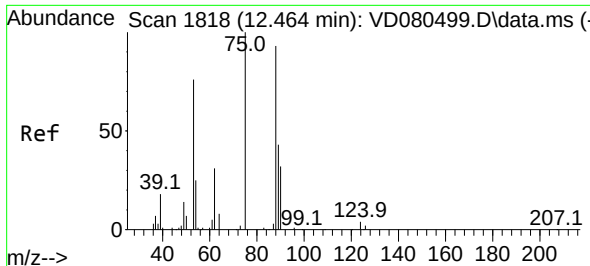
Tgt Ion: 91 Resp: 263467
Ion Ratio Lower Upper
91 100
126 34.6 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 20.725 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

Tgt Ion: 105 Resp: 317075
Ion Ratio Lower Upper
105 100
120 48.8 24.7 74.1



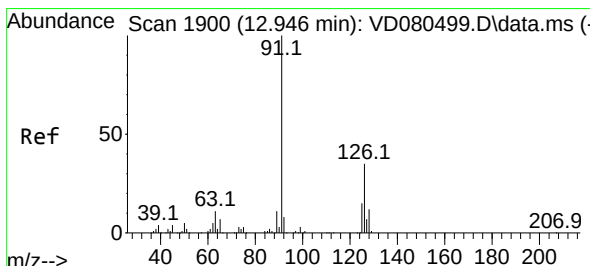
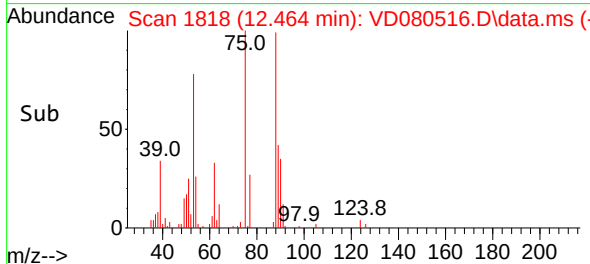
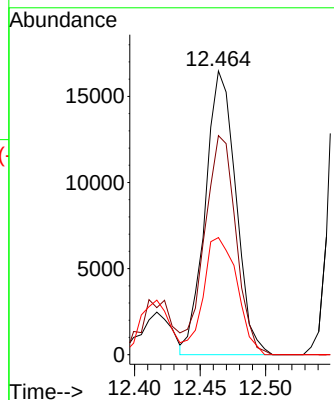
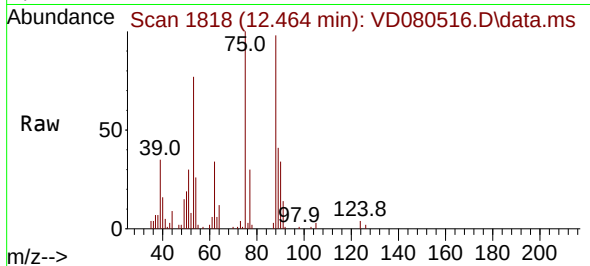


#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.324 ug/l
 RT: 12.464 min Scan# 1818
 Delta R.T. -0.000 min
 Lab File: VD080516.D
 Acq: 05 Sep 2025 10:24

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 26703

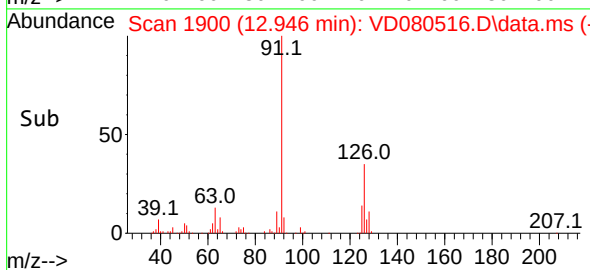
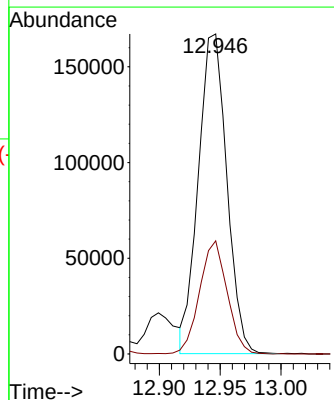
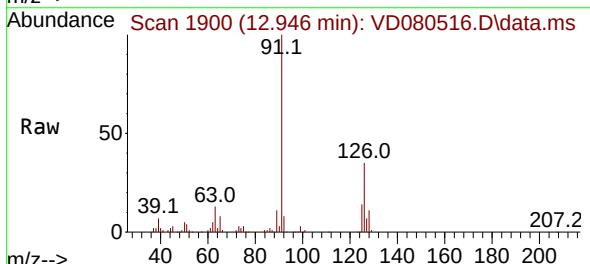
Ion	Ratio	Lower	Upper
75	100		
53	79.3	61.9	92.9
89	45.8	34.6	52.0

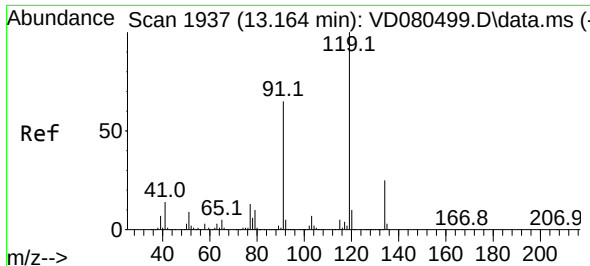


#82
 4-Chlorotoluene
 Concen: 20.270 ug/l
 RT: 12.946 min Scan# 1900
 Delta R.T. -0.000 min
 Lab File: VD080516.D
 Acq: 05 Sep 2025 10:24

Tgt Ion: 91 Resp: 271615

Ion	Ratio	Lower	Upper
91	100		
126	34.3	16.9	50.7

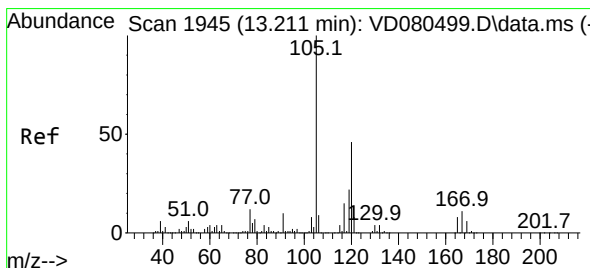
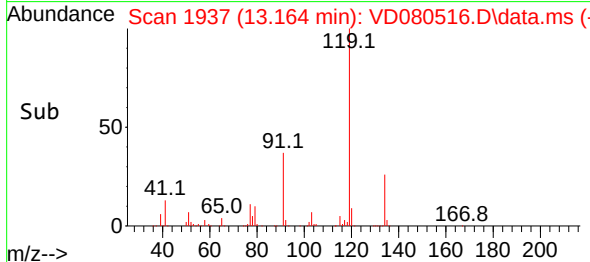
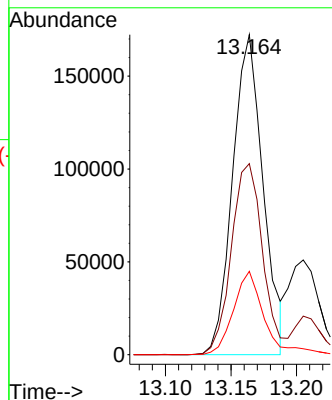
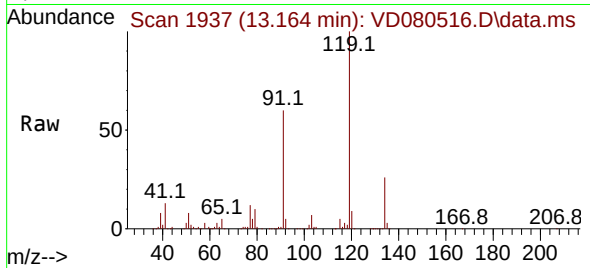




#83
 tert-Butylbenzene
 Concen: 20.991 ug/l
 RT: 13.164 min Scan# 1937
 Delta R.T. -0.000 min
 Lab File: VD080516.D
 Acq: 05 Sep 2025 10:24

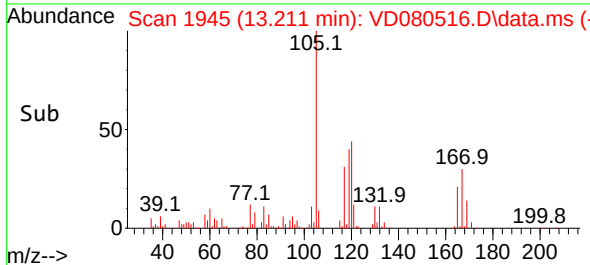
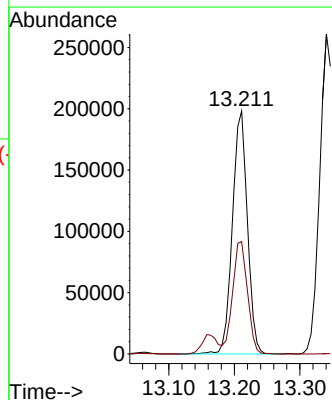
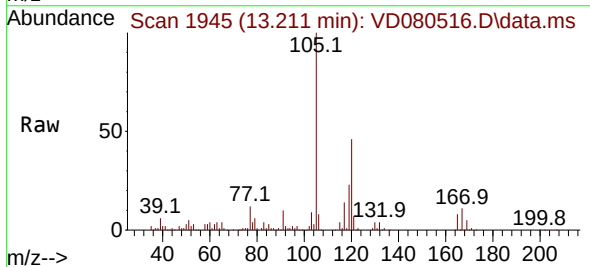
Instrument :
 MSVOA_D
 ClientSampleId :

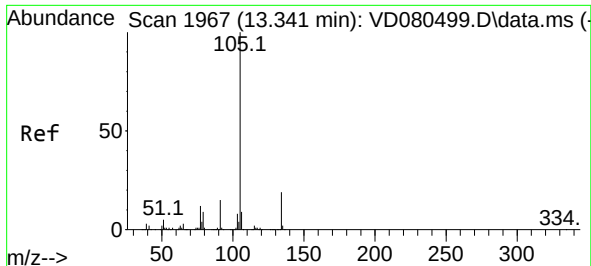
Tgt Ion:119 Resp: 278641
 Ion Ratio Lower Upper
 119 100
 91 62.0 32.0 96.0
 134 26.3 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.436 ug/l
 RT: 13.211 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: VD080516.D
 Acq: 05 Sep 2025 10:24

Tgt Ion:105 Resp: 314808
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.5 67.5

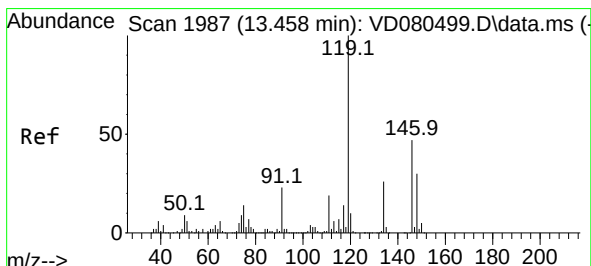
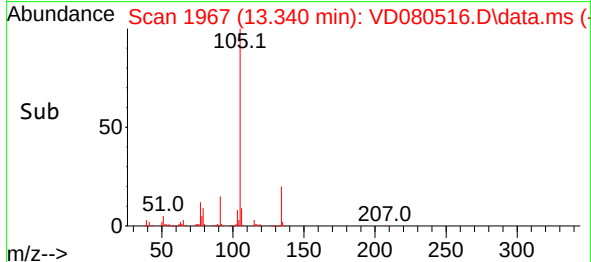
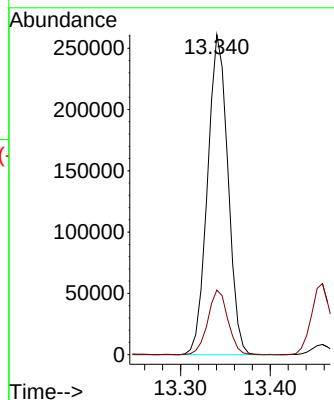
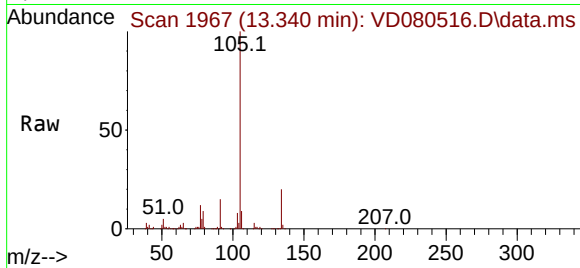




#85
 sec-Butylbenzene
 Concen: 20.782 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. -0.000 min
 Lab File: VD080516.D
 Acq: 05 Sep 2025 10:24

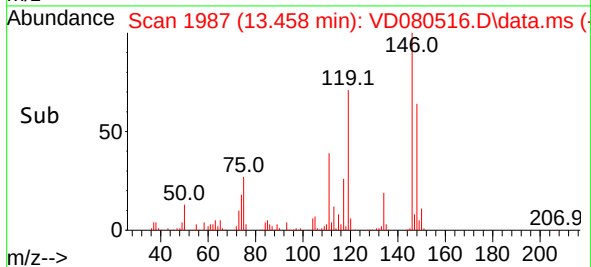
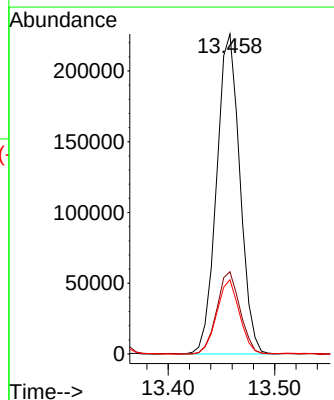
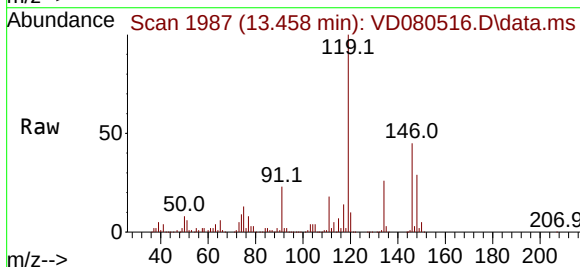
Instrument :
 MSVOA_D
 ClientSampleId :

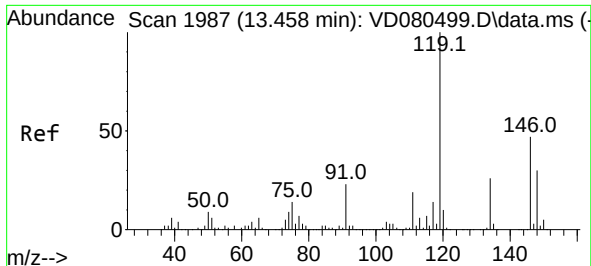
Tgt Ion:105 Resp: 411713
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 20.706 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080516.D
 Acq: 05 Sep 2025 10:24

Tgt Ion:119 Resp: 343145
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 22.6 11.2 33.5

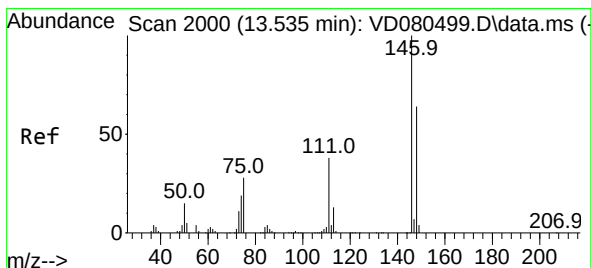
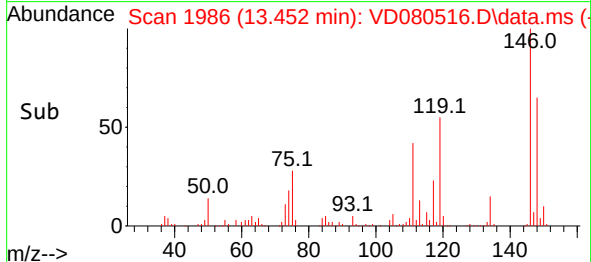
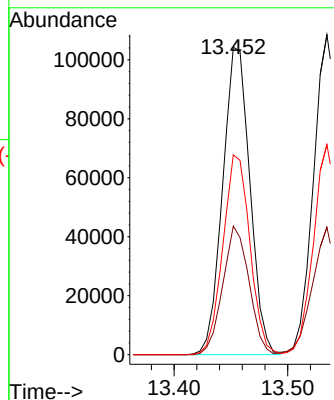
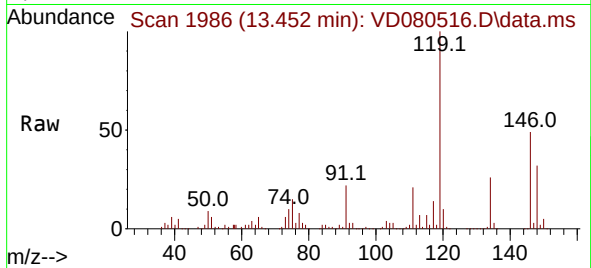




#87
1,3-Dichlorobenzene
Concen: 20.714 ug/l
RT: 13.452 min Scan# 1987
Delta R.T. -0.006 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

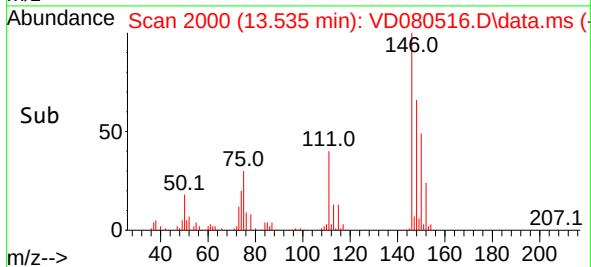
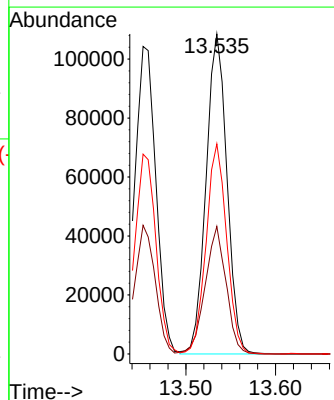
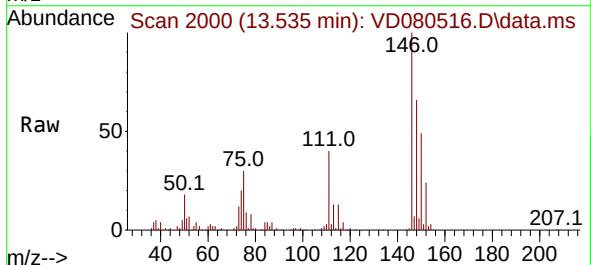
Instrument :
MSVOA_D
ClientSampleId :

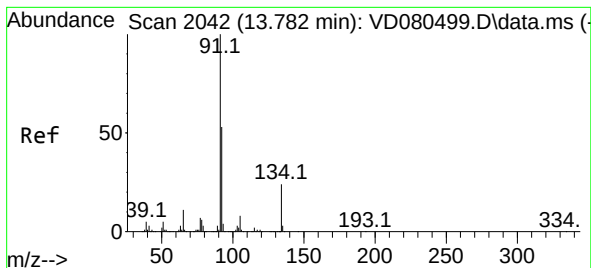
Tgt Ion:146 Resp: 173978
Ion Ratio Lower Upper
146 100
111 40.2 19.9 59.6
148 64.6 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 20.819 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. -0.000 min
Lab File: VD080516.D
Acq: 05 Sep 2025 10:24

Tgt Ion:146 Resp: 175588
Ion Ratio Lower Upper
146 100
111 40.0 19.4 58.1
148 64.8 32.1 96.5





#89

n-Butylbenzene

Concen: 20.469 ug/l

RT: 13.782 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VD080516.D

Acq: 05 Sep 2025 10:24

Instrument :

MSVOA_D

ClientSampleId :

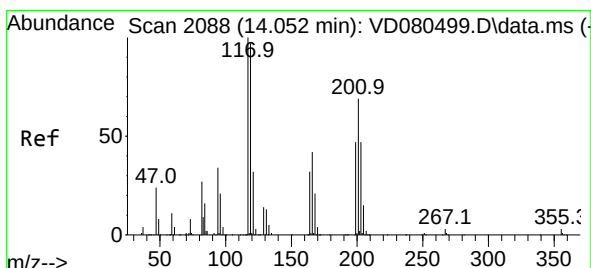
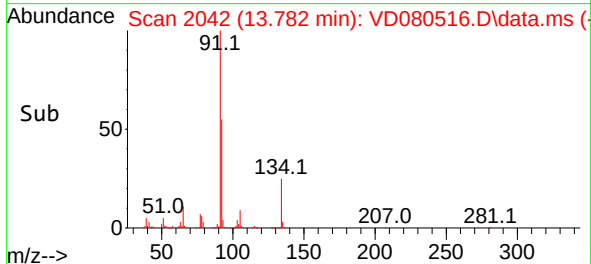
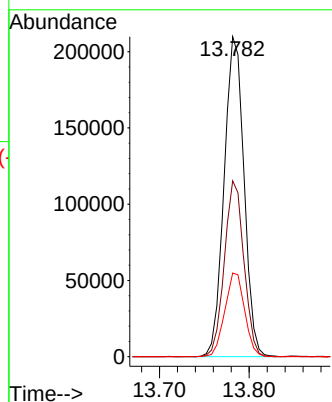
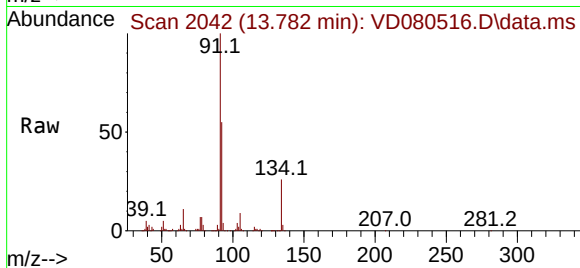
Tgt Ion: 91 Resp: 323138

Ion Ratio Lower Upper

91 100

92 53.9 26.6 79.8

134 26.1 12.4 37.2



#90

Hexachloroethane

Concen: 20.193 ug/l

RT: 14.052 min Scan# 2088

Delta R.T. -0.000 min

Lab File: VD080516.D

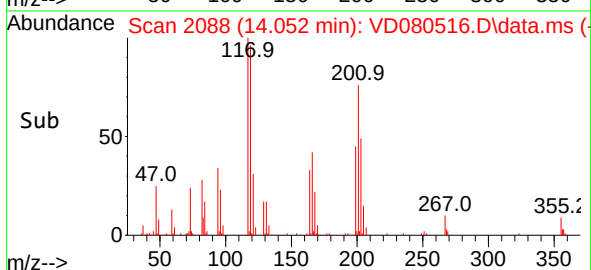
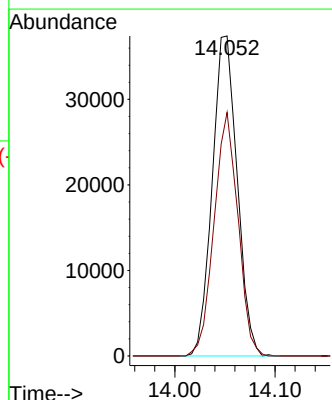
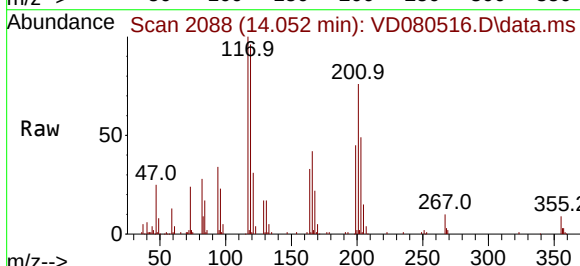
Acq: 05 Sep 2025 10:24

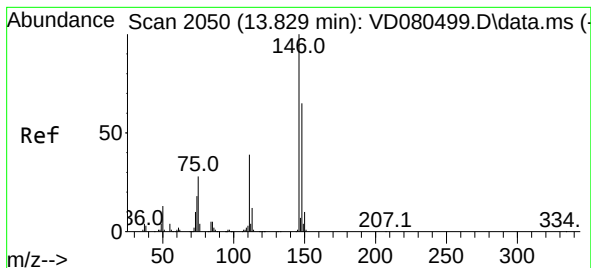
Tgt Ion: 117 Resp: 64727

Ion Ratio Lower Upper

117 100

201 72.8 34.6 103.8





#91

1,2-Dichlorobenzene

Concen: 20.580 ug/l

RT: 13.829 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VD080516.D

Acq: 05 Sep 2025 10:24

Instrument :

MSVOA_D

ClientSampleId :

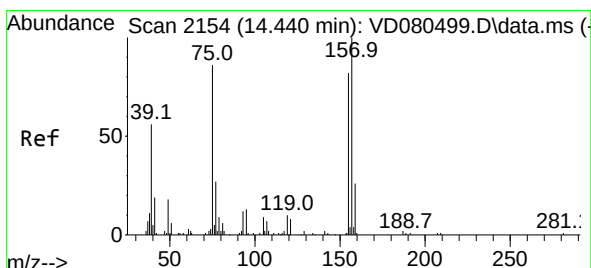
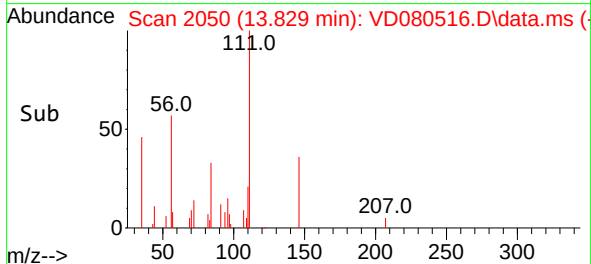
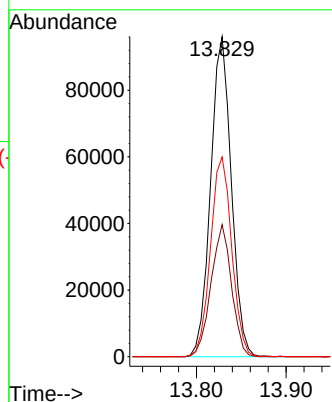
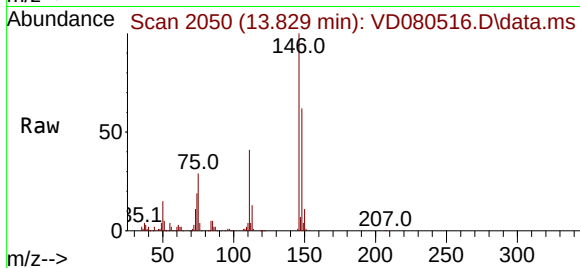
Tgt Ion:146 Resp: 153821

Ion Ratio Lower Upper

146 100

111 40.9 20.7 62.1

148 64.0 31.5 94.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.617 ug/l

RT: 14.434 min Scan# 2153

Delta R.T. -0.006 min

Lab File: VD080516.D

Acq: 05 Sep 2025 10:24

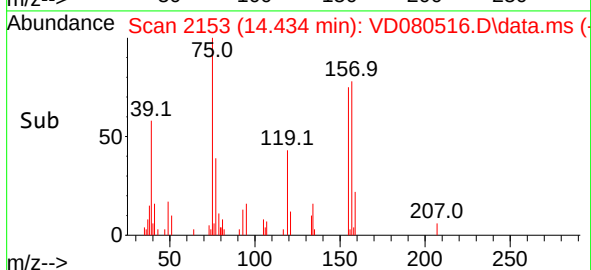
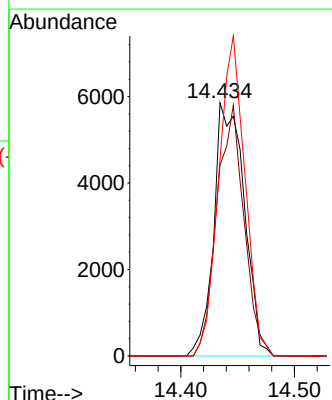
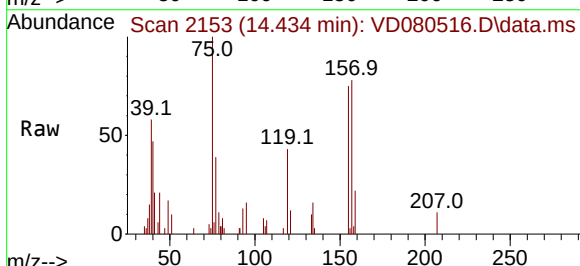
Tgt Ion: 75 Resp: 10830

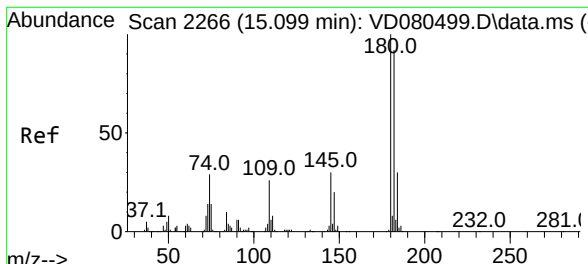
Ion Ratio Lower Upper

75 100

155 88.8 47.5 142.6

157 109.5 56.8 170.3

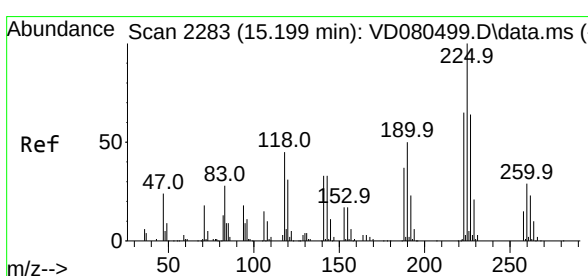
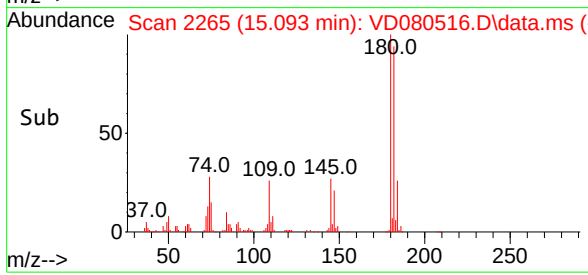
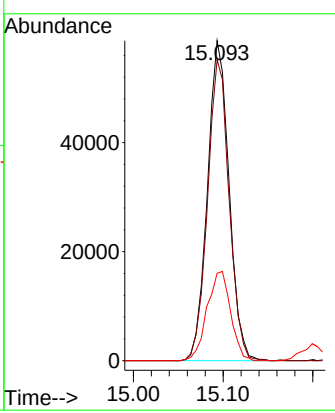
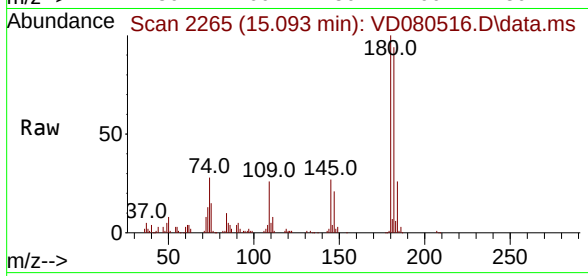




#93
 1,2,4-Trichlorobenzene
 Concen: 20.913 ug/l
 RT: 15.093 min Scan# 2265
 Delta R.T. -0.006 min
 Lab File: VD080516.D
 Acq: 05 Sep 2025 10:24

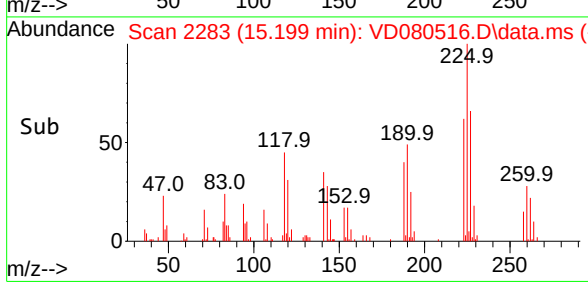
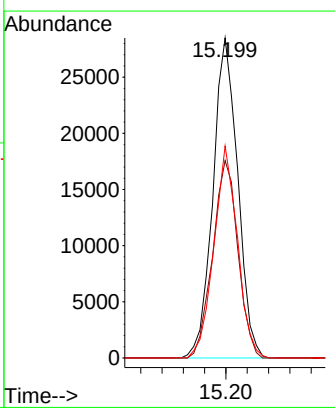
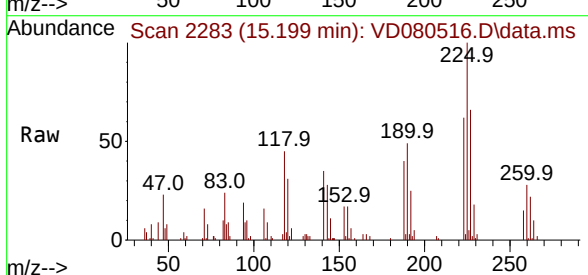
Instrument :
 MSVOA_D
 ClientSampleId :

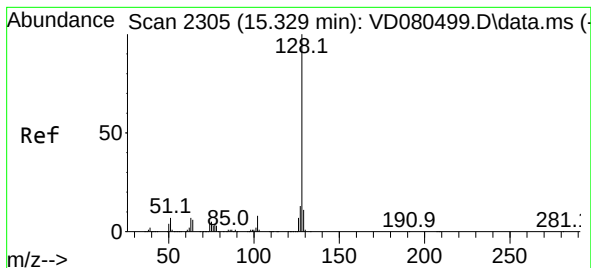
Tgt Ion:	180	Resp:	97933
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.5	142.5
145	30.4	15.7	47.0



#94
 Hexachlorobutadiene
 Concen: 21.567 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. -0.000 min
 Lab File: VD080516.D
 Acq: 05 Sep 2025 10:24

Tgt Ion:	225	Resp:	45904
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.9	95.7
227	62.9	32.0	96.2





#95

Naphthalene

Concen: 20.130 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. -0.000 min

Lab File: VD080516.D

Acq: 05 Sep 2025 10:24

Instrument :

MSVOA_D

ClientSampleId :

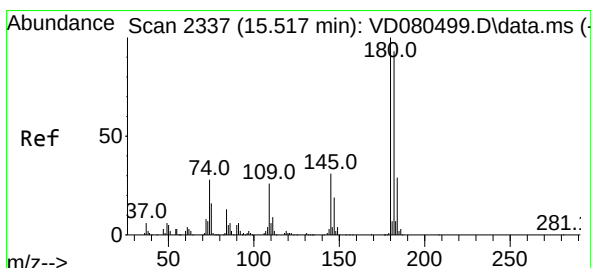
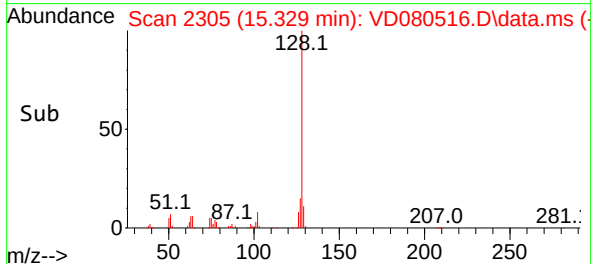
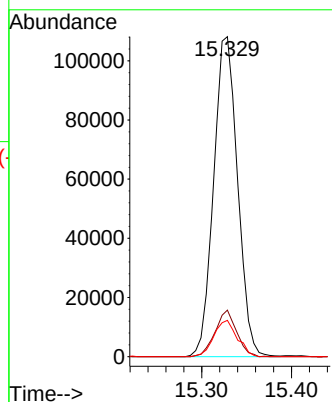
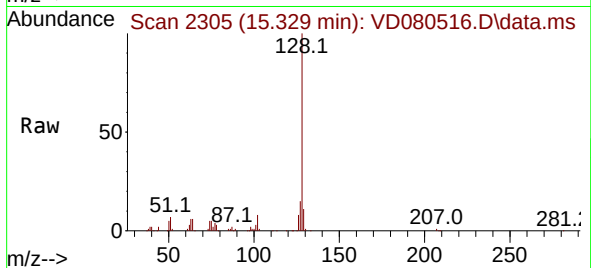
Tgt Ion:128 Resp: 200533

Ion Ratio Lower Upper

128 100

127 14.5 10.6 16.0

129 11.3 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 21.332 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD080516.D

Acq: 05 Sep 2025 10:24

Tgt Ion:180 Resp: 85517

Ion Ratio Lower Upper

180 100

182 93.7 47.5 142.5

145 30.6 16.2 48.5

