

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090525\
 Data File : VD080517.D
 Acq On : 05 Sep 2025 10:50
 Operator : RP/MD
 Sample : VD0905SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 06 03:00:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 28 03:02:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	347146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	604228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	523607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	251473	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	169487	43.275	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.540%
35) Dibromofluoromethane	7.805	113	174719	47.649	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.300%
50) Toluene-d8	10.270	98	698267	47.975	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.940%
62) 4-Bromofluorobenzene	12.570	95	219627	47.900	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.800%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.935	85	65313	22.098	ug/l	98
3) Chloromethane	2.147	50	100745	21.593	ug/l	100
4) Vinyl Chloride	2.288	62	105720	21.956	ug/l	97
5) Bromomethane	2.688	94	58096	21.469	ug/l	98
6) Chloroethane	2.835	64	70605	22.465	ug/l	96
7) Trichlorofluoromethane	3.176	101	119901	21.380	ug/l	97
8) Diethyl Ether	3.594	74	40396	18.178	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.965	101	73284	20.139	ug/l	97
10) Methyl Iodide	4.159	142	76069	18.108	ug/l	97
11) Tert butyl alcohol	5.047	59	26540	93.639	ug/l	100
12) 1,1-Dichloroethene	3.941	96	76452	20.167	ug/l	96
13) Acrolein	3.794	56	23984	79.620	ug/l	100
14) Allyl chloride	4.559	41	124284	18.892	ug/l	98
15) Acrylonitrile	5.253	53	92886	93.857	ug/l	99
16) Acetone	4.023	43	99249	108.243	ug/l	97
17) Carbon Disulfide	4.270	76	248516	19.386	ug/l	100
18) Methyl Acetate	4.564	43	48343	18.735	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	192441	19.344	ug/l	94
20) Methylene Chloride	4.806	84	91601	18.186	ug/l	98
21) trans-1,2-Dichloroethene	5.311	96	84652	19.506	ug/l	95
22) Diisopropyl ether	6.217	45	256002	18.907	ug/l	99
23) Vinyl Acetate	6.153	43	719573	93.388	ug/l	100
24) 1,1-Dichloroethane	6.117	63	150021	19.140	ug/l	96
25) 2-Butanone	7.082	43	129135	99.464	ug/l	98
26) 2,2-Dichloropropane	7.076	77	124730	20.099	ug/l	98
27) cis-1,2-Dichloroethene	7.082	96	101535	19.604	ug/l	97
28) Bromochloromethane	7.429	49	63657	19.929	ug/l	100
29) Tetrahydrofuran	7.441	42	77039	93.901	ug/l	98
30) Chloroform	7.594	83	148233	19.779	ug/l	97
31) Cyclohexane	7.876	56	142140	19.374	ug/l	97
32) 1,1,1-Trichloroethane	7.794	97	125266	20.074	ug/l	100
36) 1,1-Dichloropropene	8.011	75	109538	20.687	ug/l	100
37) Ethyl Acetate	7.170	43	49458	19.424	ug/l	99
38) Carbon Tetrachloride	7.994	117	108486	21.527	ug/l	99
39) Methylcyclohexane	9.276	83	146268	20.754	ug/l	95
40) Benzene	8.253	78	340663	20.216	ug/l	99

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 ClientSampleId :

Quant Time: Sep 06 03:00:31 2025
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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)
41) Methacrylonitrile	7.400	41	29320	19.396	ug/l	96
42) 1,2-Dichloroethane	8.323	62	86016	21.074	ug/l	99
43) Isopropyl Acetate	8.358	43	100423	19.385	ug/l	99
44) Trichloroethene	9.029	130	85664	20.954	ug/l	100
45) 1,2-Dichloropropane	9.305	63	83391	19.954	ug/l	98
46) Dibromomethane	9.394	93	45944	20.520	ug/l	97
47) Bromodichloromethane	9.582	83	114229	20.927	ug/l	95
48) Methyl methacrylate	9.376	41	50448	19.644	ug/l	94
49) 1,4-Dioxane	9.382	88	11385	411.306	ug/l	96
51) 4-Methyl-2-Pentanone	10.158	43	258395	100.014	ug/l	99
52) Toluene	10.335	92	215694	20.524	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	110739	19.907	ug/l	100
54) cis-1,3-Dichloropropene	10.017	75	130684	19.645	ug/l	95
55) 1,1,2-Trichloroethane	10.729	97	62468	20.809	ug/l	98
56) Ethyl methacrylate	10.594	69	79865	19.095	ug/l	97
57) 1,3-Dichloropropane	10.876	76	108289	20.554	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	158201	97.743	ug/l	100
59) 2-Hexanone	10.917	43	190341	103.688	ug/l	100
60) Dibromochloromethane	11.070	129	79555	21.029	ug/l	98
61) 1,2-Dibromoethane	11.176	107	58329	20.421	ug/l	98
64) Tetrachloroethene	10.811	164	69805	21.587	ug/l	98
65) Chlorobenzene	11.605	112	235920	21.144	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.676	131	79402	22.311	ug/l	94
67) Ethyl Benzene	11.682	91	407279	21.089	ug/l	99
68) m/p-Xylenes	11.788	106	311593	41.903	ug/l	99
69) o-Xylene	12.117	106	147452	20.779	ug/l	100
70) Styrene	12.135	104	251146	20.804	ug/l	100
71) Bromoform	12.293	173	43385	21.449	ug/l #	99
73) Isopropylbenzene	12.417	105	379564	20.601	ug/l	100
74) N-amyl acetate	12.229	43	96373	19.711	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	71517	20.878	ug/l	100
76) 1,2,3-Trichloropropane	12.717	75	88102	42.926	ug/l #	100
77) Bromobenzene	12.699	156	86279	20.239	ug/l	99
78) n-propylbenzene	12.758	91	464642	20.768	ug/l	99
79) 2-Chlorotoluene	12.846	91	256384	20.111	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	312274	20.858	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	25393	18.778	ug/l	91
82) 4-Chlorotoluene	12.946	91	268118	20.446	ug/l	100
83) tert-Butylbenzene	13.164	119	274347	21.120	ug/l	98
84) 1,2,4-Trimethylbenzene	13.205	105	311788	20.683	ug/l	100
85) sec-Butylbenzene	13.340	105	409139	21.104	ug/l	99
86) p-Isopropyltoluene	13.458	119	337384	20.804	ug/l	100
87) 1,3-Dichlorobenzene	13.452	146	171500	20.865	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	173152	20.979	ug/l	98
89) n-Butylbenzene	13.782	91	322813	20.896	ug/l	99
90) Hexachloroethane	14.052	117	65388	20.845	ug/l	98
91) 1,2-Dichlorobenzene	13.829	146	150590	20.588	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	10152	19.749	ug/l	92
93) 1,2,4-Trichlorobenzene	15.093	180	96426	21.042	ug/l	97
94) Hexachlorobutadiene	15.199	225	45608	21.897	ug/l	98
95) Naphthalene	15.329	128	195969	20.103	ug/l	98
96) 1,2,3-Trichlorobenzene	15.511	180	83257	21.223	ug/l	99

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Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

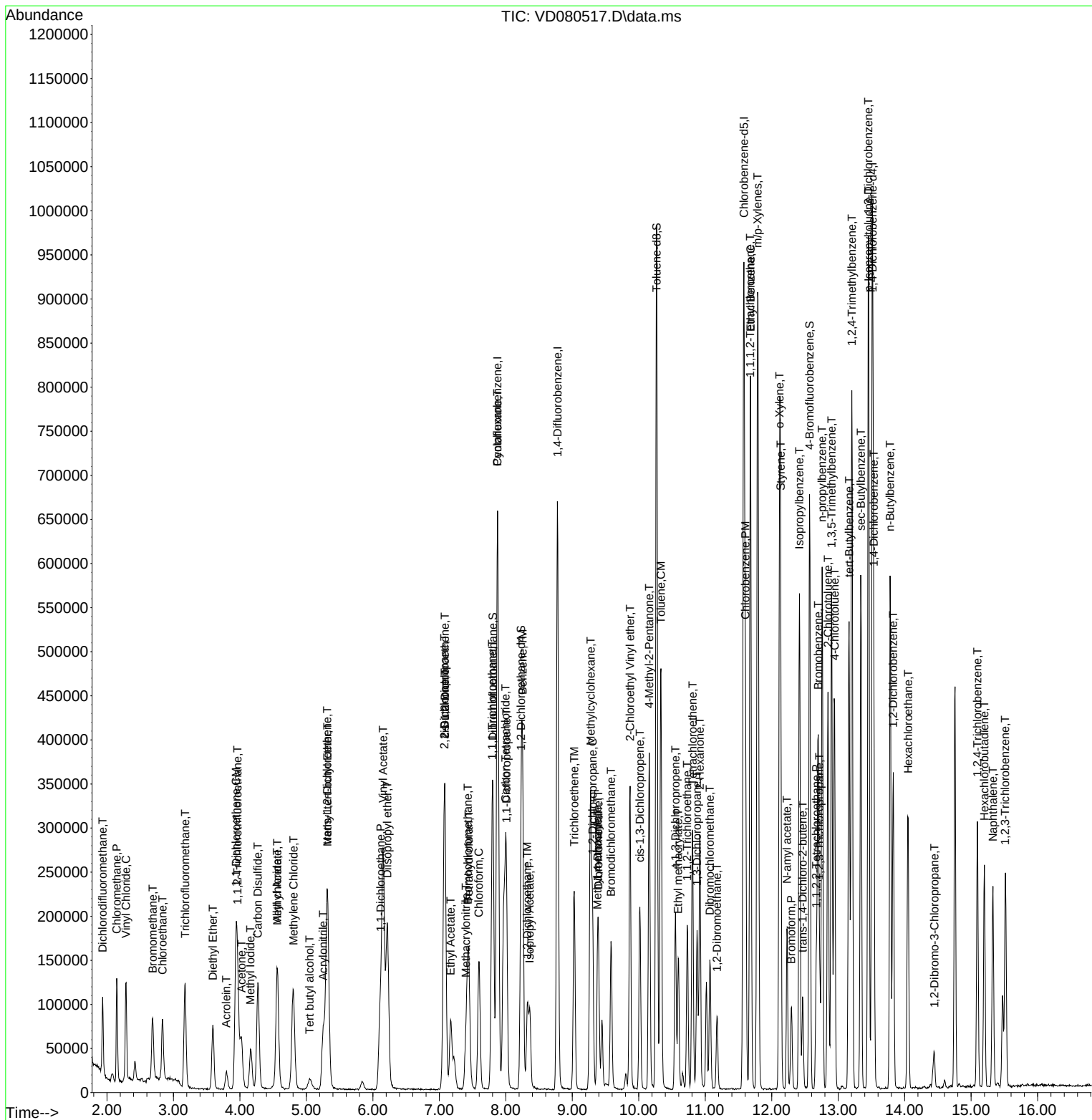
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MSVOA_D
ClientSampleId :

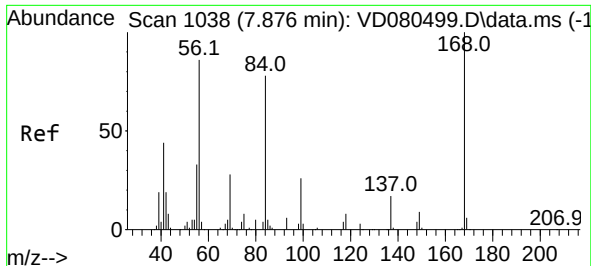
Quant Time: Sep 06 03:00:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 28 03:02:37 2025
Response via : Initial Calibration

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
Quant Title : SW846 8260
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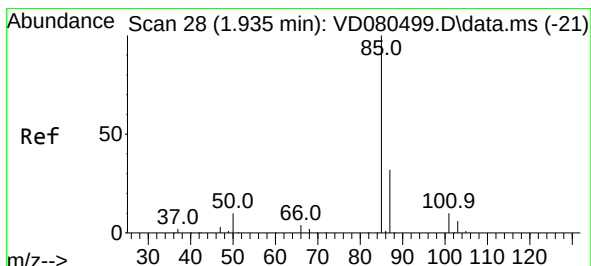
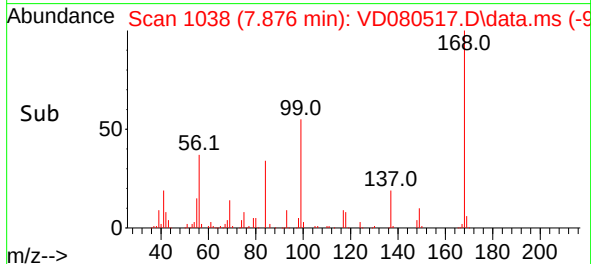
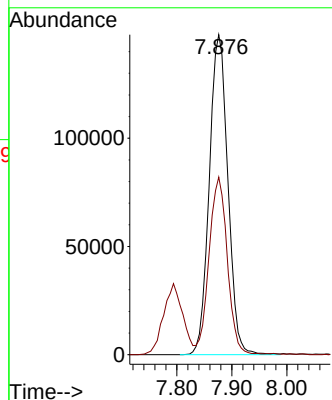
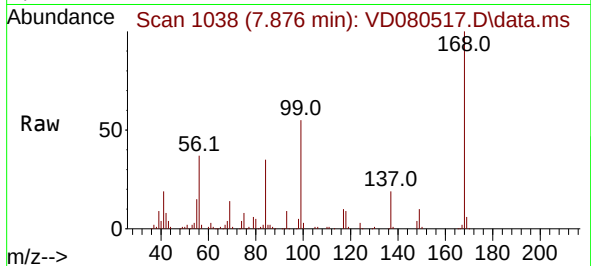




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

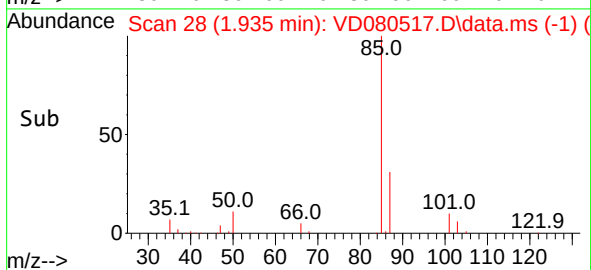
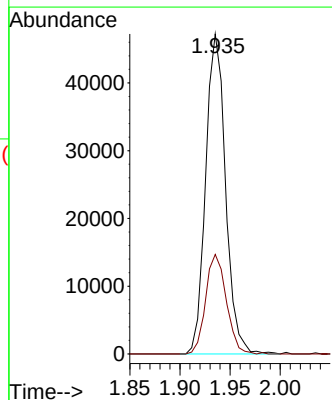
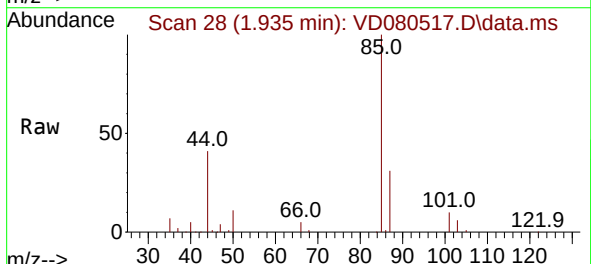
Instrument :
MSVOA_D
ClientSampleId :

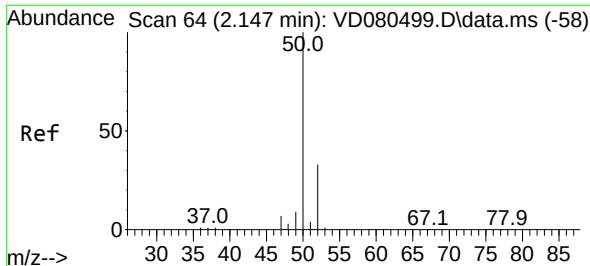
Tgt Ion:168 Resp: 347146
Ion Ratio Lower Upper
168 100
99 55.3 44.1 66.1



#2
Dichlorodifluoromethane
Concen: 22.098 ug/l
RT: 1.935 min Scan# 28
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

Tgt Ion: 85 Resp: 65313
Ion Ratio Lower Upper
85 100
87 31.1 16.2 48.5

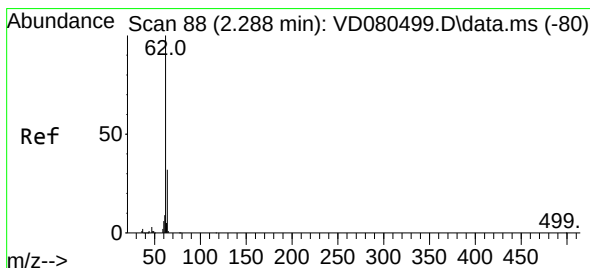
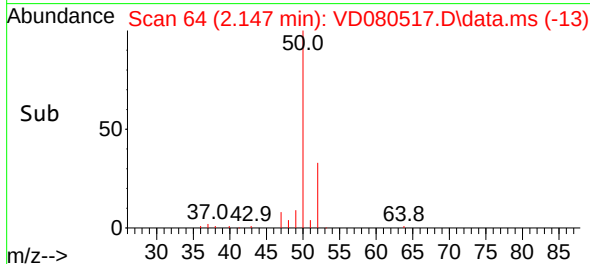
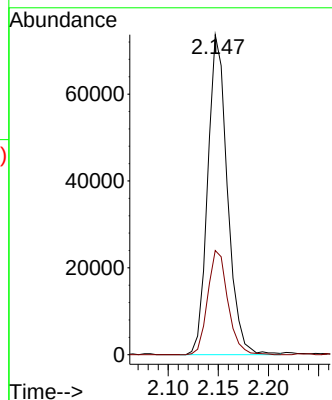
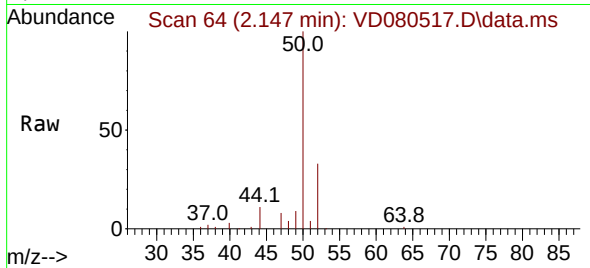




#3
Chloromethane
Concen: 21.593 ug/l
RT: 2.147 min Scan# 64
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

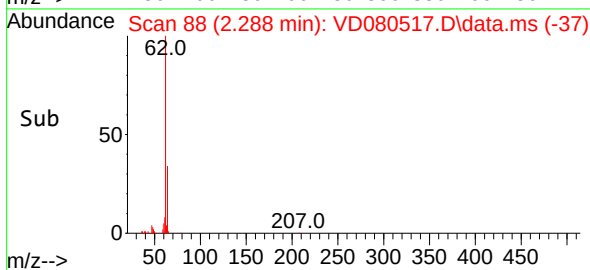
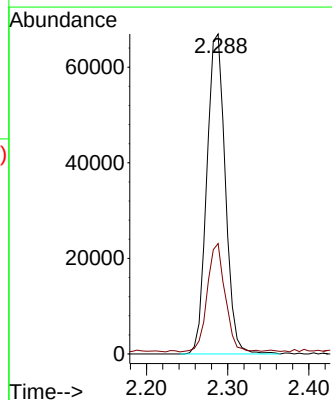
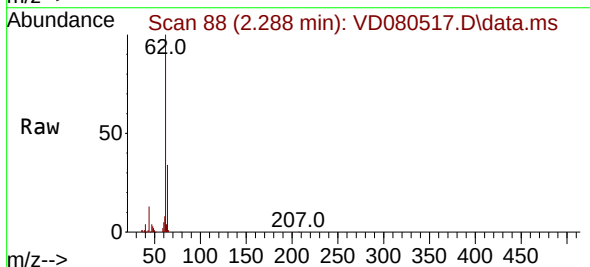
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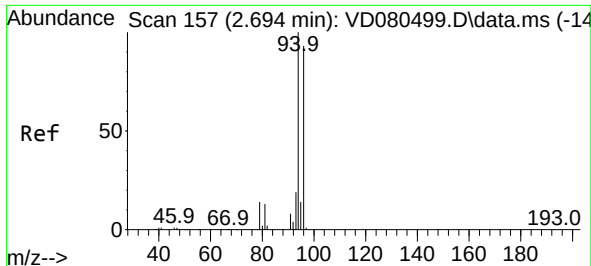
Tgt Ion: 50 Resp: 100745
Ion Ratio Lower Upper
50 100
52 32.6 26.2 39.4



#4
Vinyl Chloride
Concen: 21.956 ug/l
RT: 2.288 min Scan# 88
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

Tgt Ion: 62 Resp: 105720
Ion Ratio Lower Upper
62 100
64 33.8 25.6 38.4

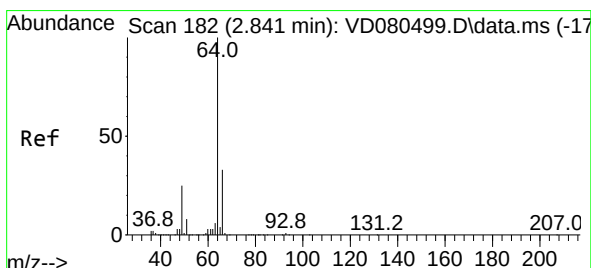
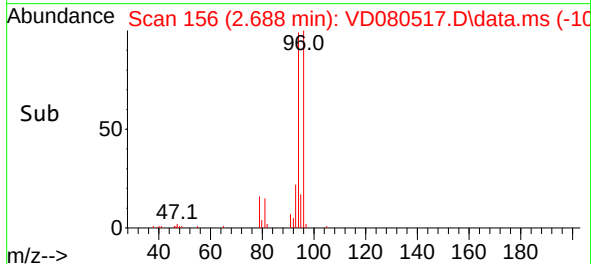
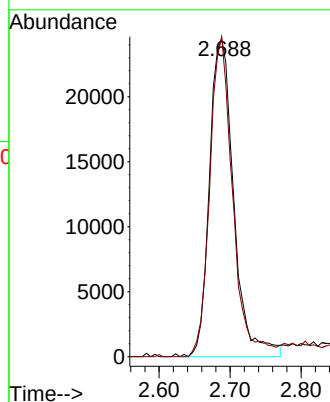
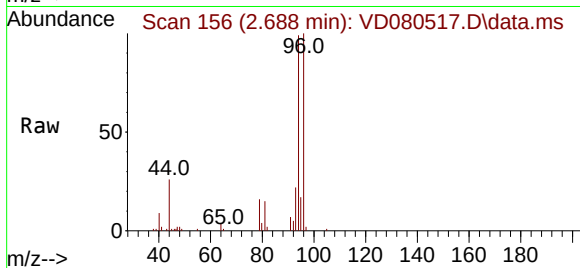




#5
Bromomethane
Concen: 21.469 ug/l
RT: 2.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

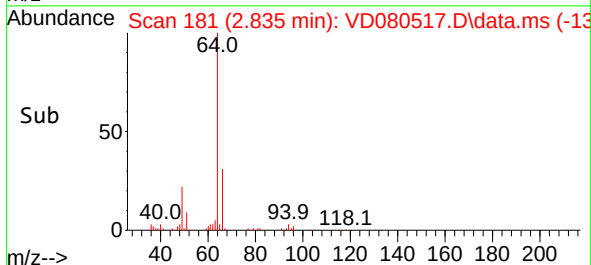
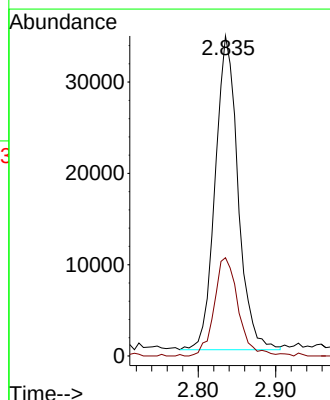
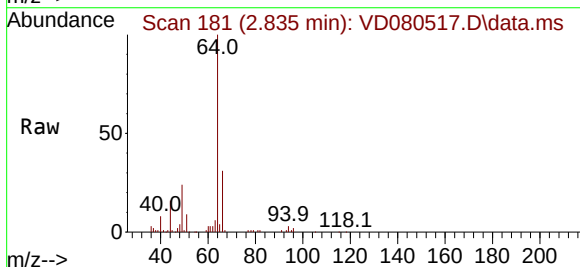
Instrument :
MSVOA_D
ClientSampleId :

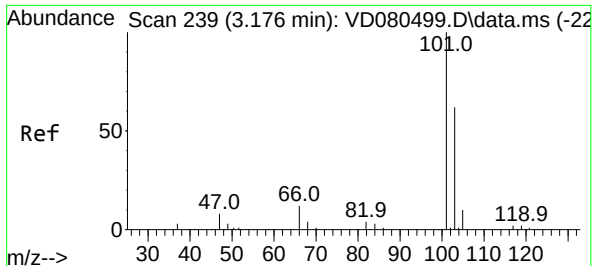
Tgt Ion: 94 Resp: 58096
Ion Ratio Lower Upper
94 100
96 94.8 74.6 111.8



#6
Chloroethane
Concen: 22.465 ug/l
RT: 2.835 min Scan# 181
Delta R.T. -0.006 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

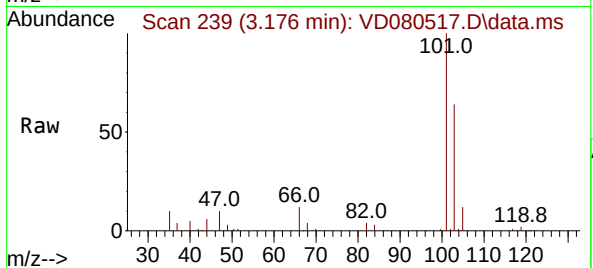
Tgt Ion: 64 Resp: 70605
Ion Ratio Lower Upper
64 100
66 30.9 26.5 39.7



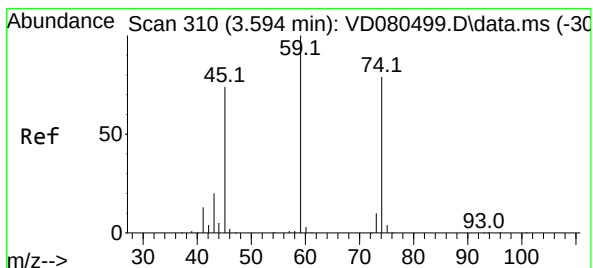
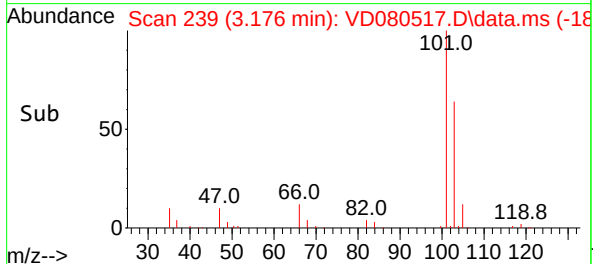
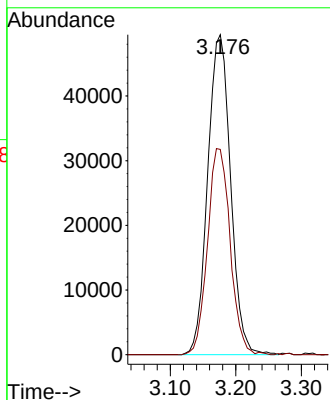


#7
 Trichlorofluoromethane
 Concen: 21.380 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD080517.D
 Acq: 05 Sep 2025 10:50

Instrument :
 MSVOA_D
 ClientSampleId :

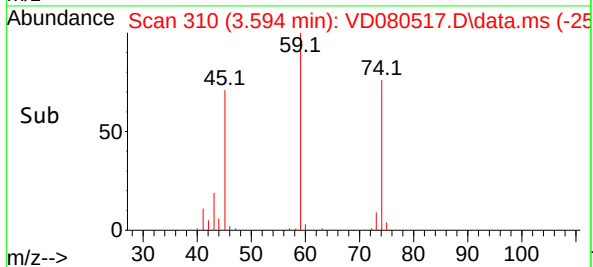
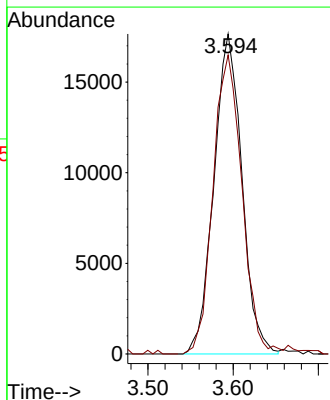
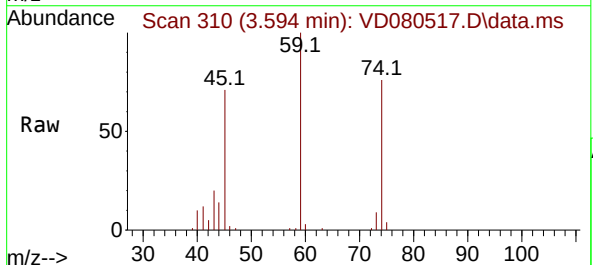


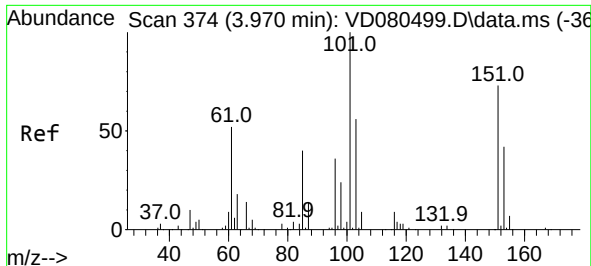
Tgt Ion:101 Resp: 119901
 Ion Ratio Lower Upper
 101 100
 103 64.1 49.6 74.4



#8
 Diethyl Ether
 Concen: 18.178 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VD080517.D
 Acq: 05 Sep 2025 10:50

Tgt Ion: 74 Resp: 40396
 Ion Ratio Lower Upper
 74 100
 45 96.3 48.2 144.6

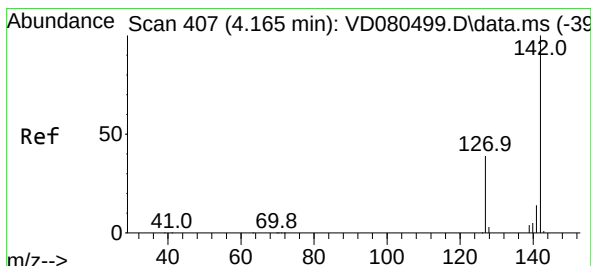
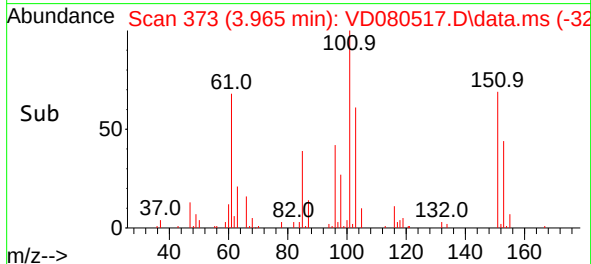
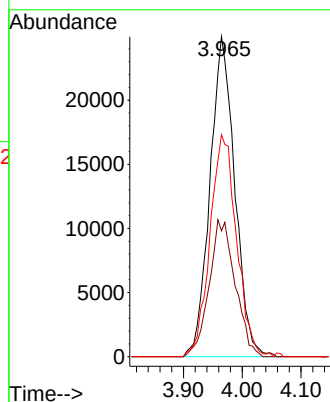
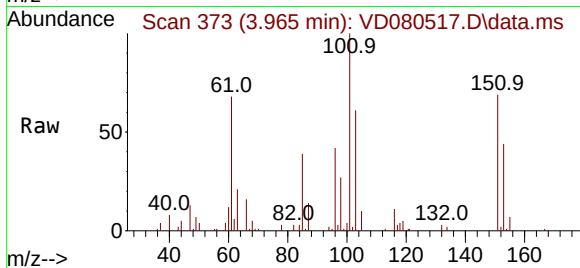




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.139 ug/l
 RT: 3.965 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VD080517.D
 Acq: 05 Sep 2025 10:50

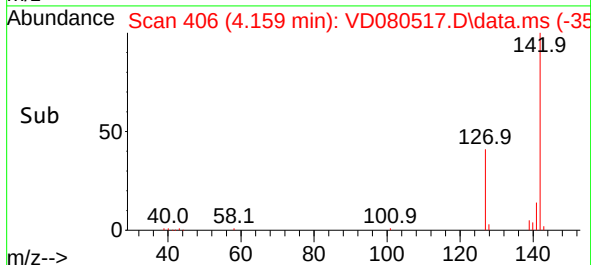
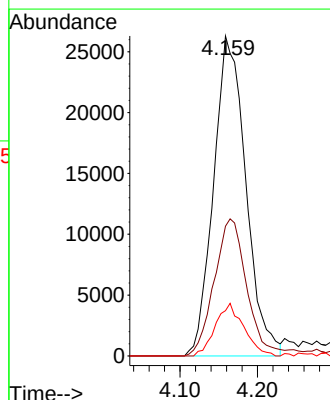
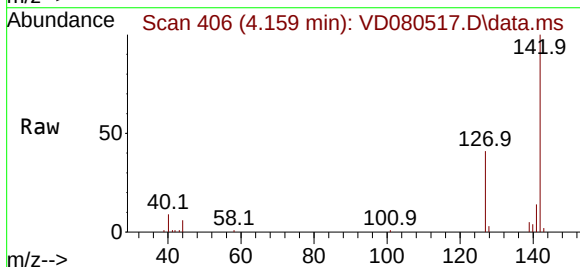
Instrument :
 MSVOA_D
 ClientSampleId :

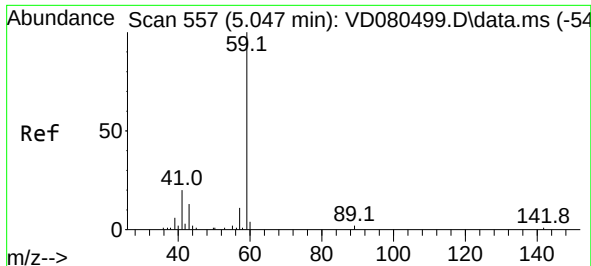
Tgt Ion:101	Resp:	73284
Ion	Ratio	Lower Upper
101	100	
85	44.8	33.8 50.6
151	74.1	58.0 87.0



#10
 Methyl Iodide
 Concen: 18.108 ug/l
 RT: 4.159 min Scan# 406
 Delta R.T. -0.006 min
 Lab File: VD080517.D
 Acq: 05 Sep 2025 10:50

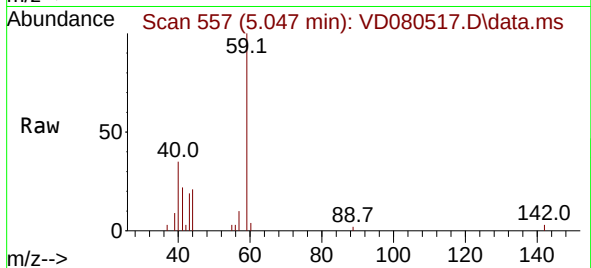
Tgt Ion:142	Resp:	76069
Ion	Ratio	Lower Upper
142	100	
127	43.9	33.1 49.7
141	14.5	11.7 17.5



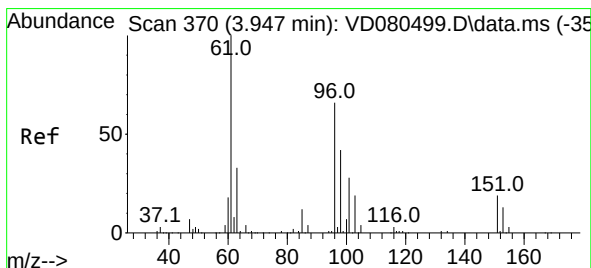
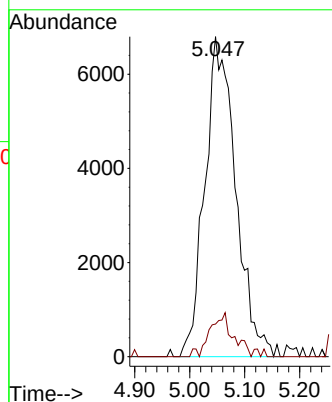
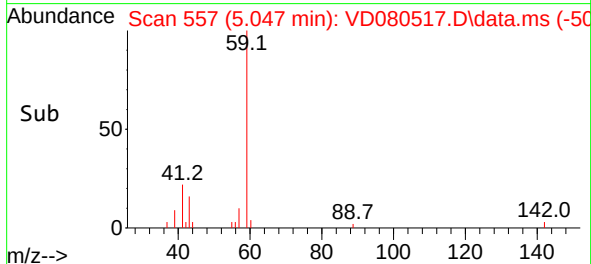


#11
Tert butyl alcohol
Concen: 93.639 ug/l
RT: 5.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

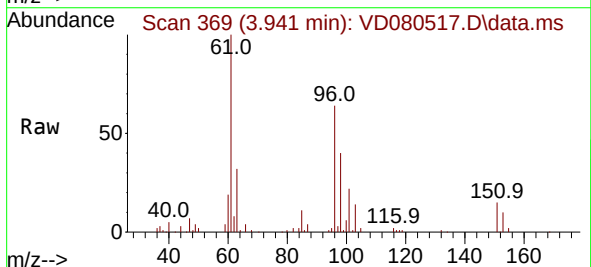
Instrument :
MSVOA_D
ClientSampleId :



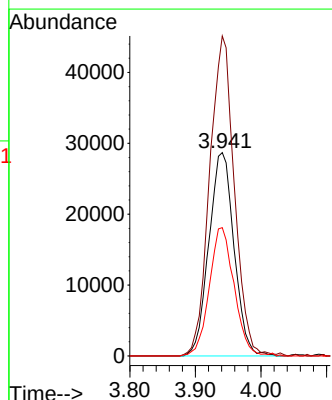
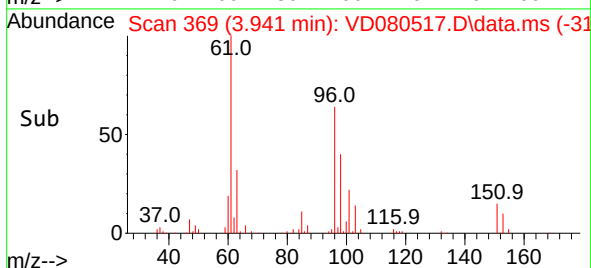
Tgt Ion: 59 Resp: 26540
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1

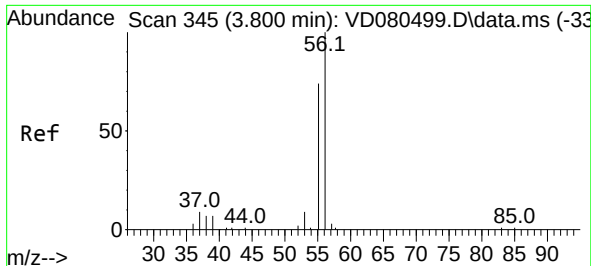


#12
1,1-Dichloroethene
Concen: 20.167 ug/l
RT: 3.941 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50



Tgt Ion: 96 Resp: 76452
Ion Ratio Lower Upper
96 100
61 157.4 120.9 181.3
98 63.1 50.7 76.1





#13

Acrolein

Concen: 79.620 ug/l

RT: 3.794 min Scan# 34

Delta R.T. -0.006 min

Lab File: VD080517.D

Acq: 05 Sep 2025 10:50

Instrument :

MSVOA_D

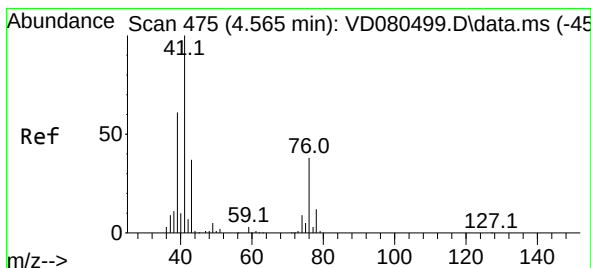
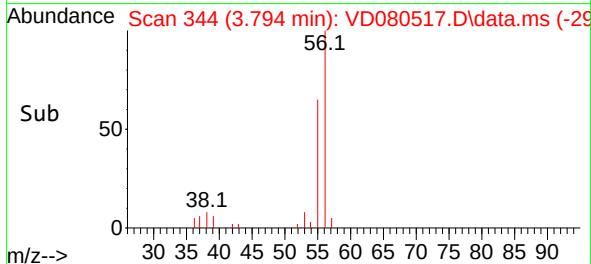
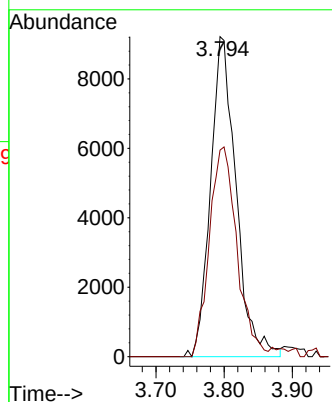
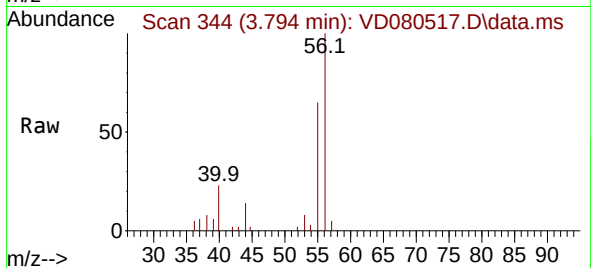
ClientSampleId :

Tgt Ion: 56 Resp: 23984

Ion Ratio Lower Upper

56 100

55 70.8 56.6 85.0



#14

Allyl chloride

Concen: 18.892 ug/l

RT: 4.559 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD080517.D

Acq: 05 Sep 2025 10:50

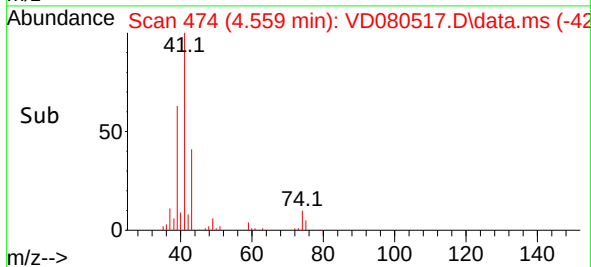
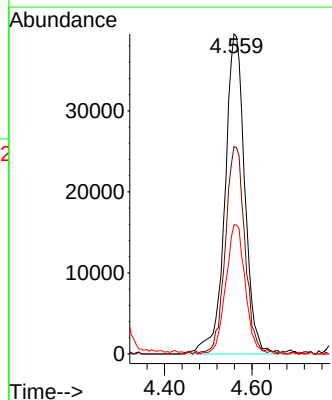
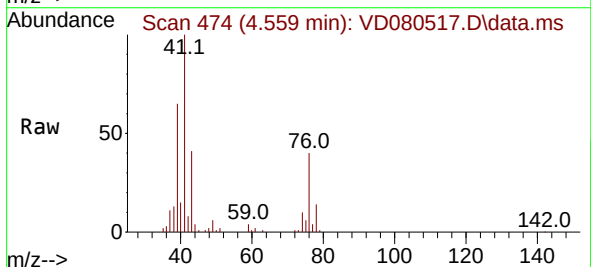
Tgt Ion: 41 Resp: 124284

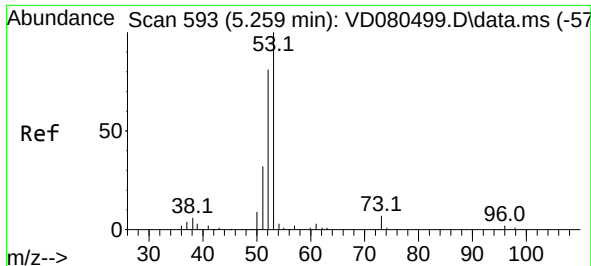
Ion Ratio Lower Upper

41 100

39 63.8 50.1 75.1

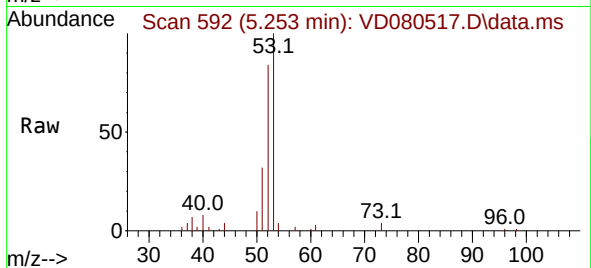
76 39.7 30.7 46.1



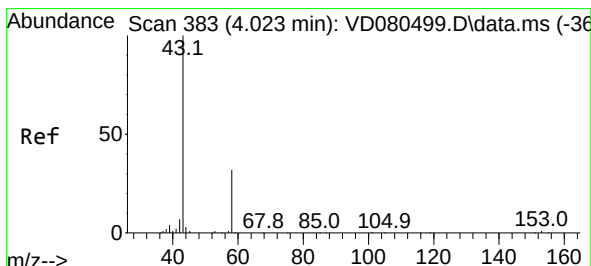
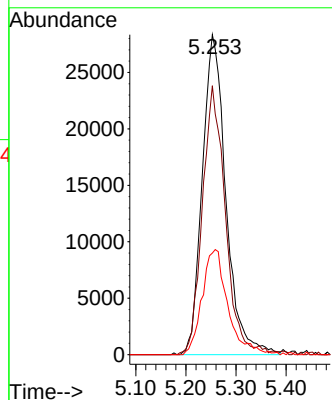
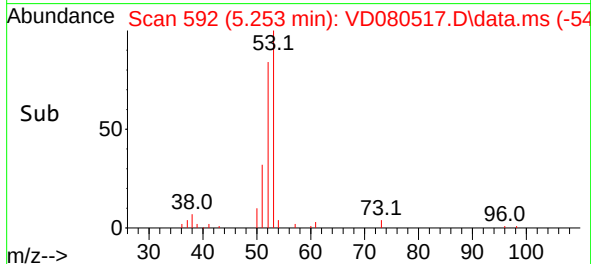


#15
Acrylonitrile
Concen: 93.857 ug/l
RT: 5.253 min Scan# 593
Delta R.T. -0.006 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

Instrument :
MSVOA_D
ClientSampleId :

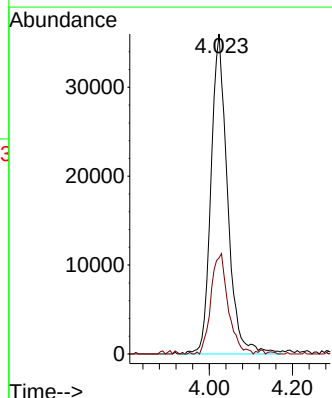
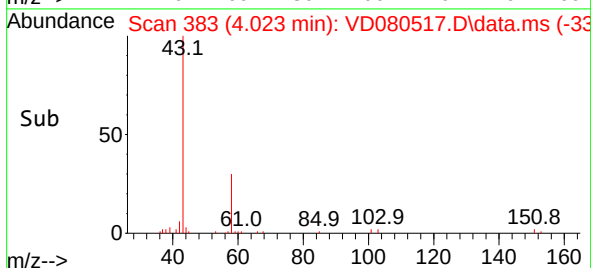
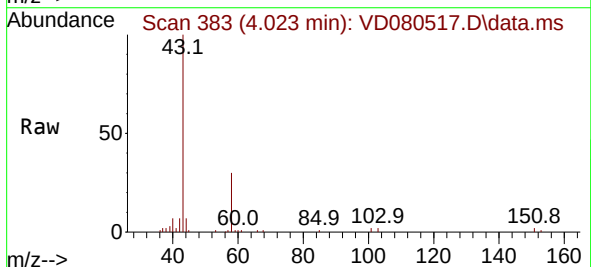


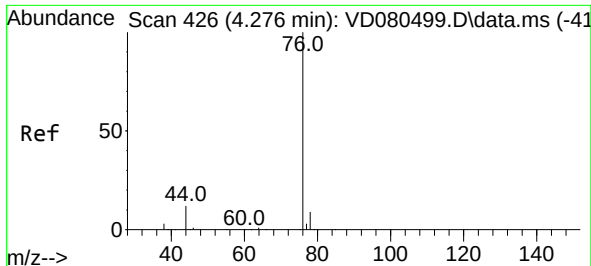
Tgt Ion: 53 Resp: 92886
Ion Ratio Lower Upper
53 100
52 81.7 64.6 97.0
51 35.8 28.0 42.0



#16
Acetone
Concen: 108.243 ug/l
RT: 4.023 min Scan# 383
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

Tgt Ion: 43 Resp: 99249
Ion Ratio Lower Upper
43 100
58 30.0 25.4 38.0

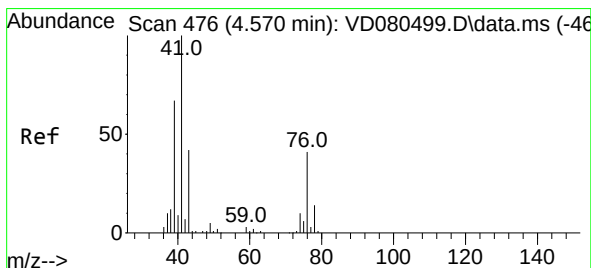
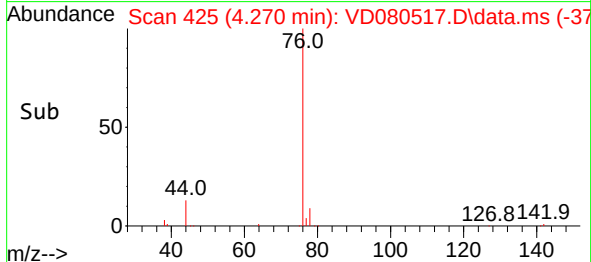
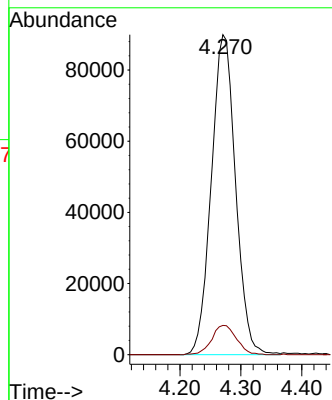
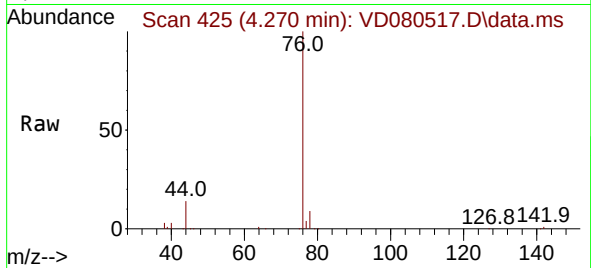




#17
Carbon Disulfide
Concen: 19.386 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

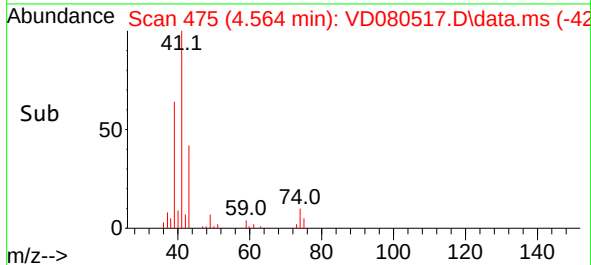
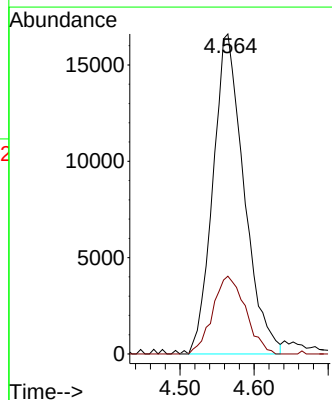
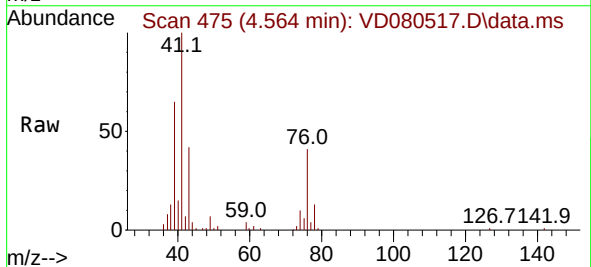
Instrument :
MSVOA_D
ClientSampleId :

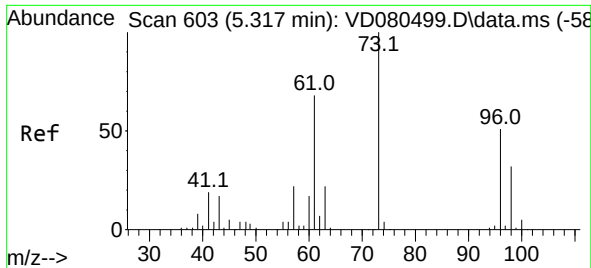
Tgt Ion: 76 Resp: 248516
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 18.735 ug/l
RT: 4.564 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

Tgt Ion: 43 Resp: 48343
Ion Ratio Lower Upper
43 100
74 25.7 20.2 30.2

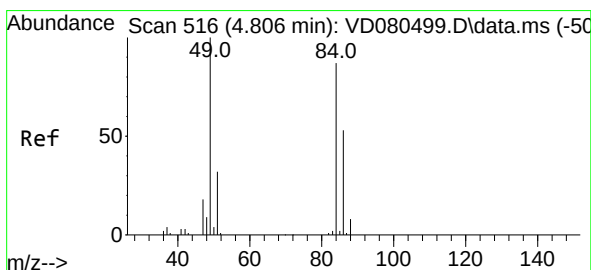
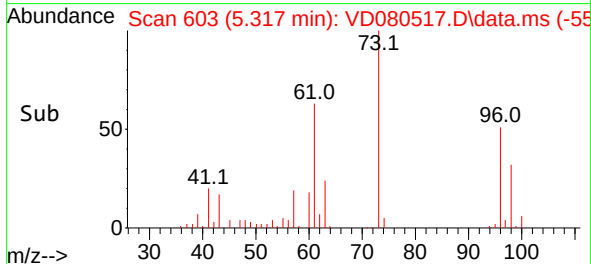
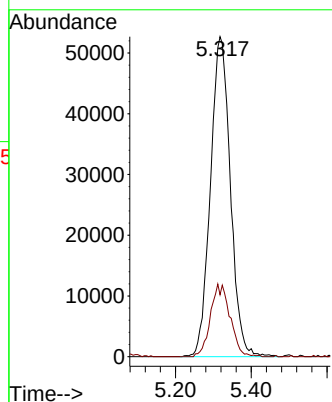
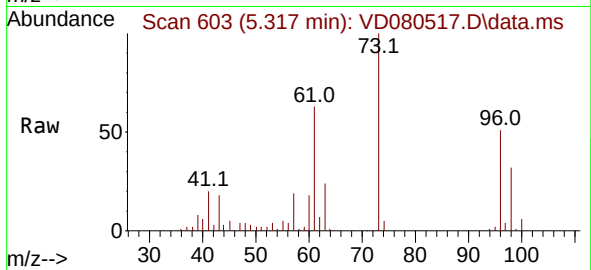




#19
Methyl tert-butyl Ether
Concen: 19.344 ug/l
RT: 5.317 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

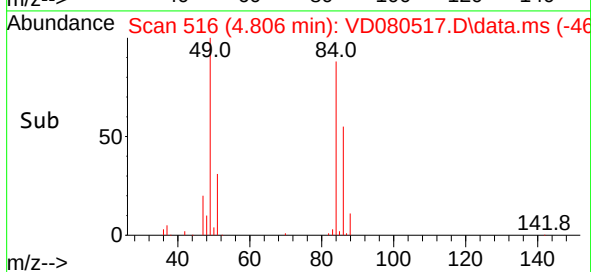
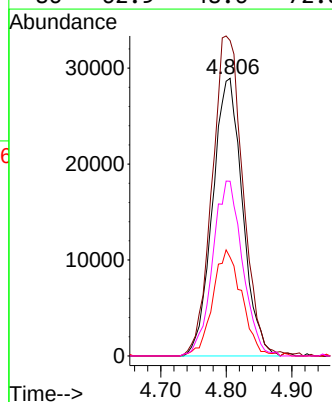
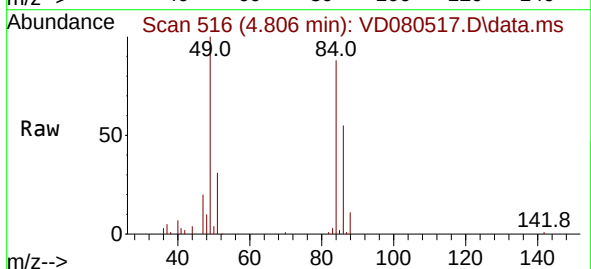
Instrument :
MSVOA_D
ClientSampleId :

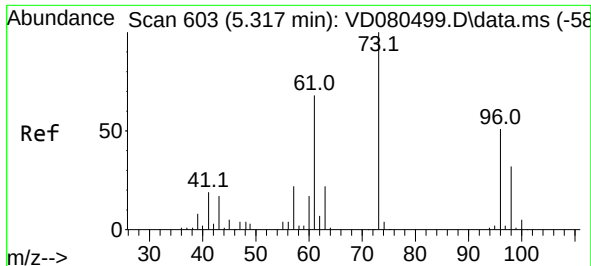
Tgt Ion: 73 Resp: 192441
Ion Ratio Lower Upper
73 100
57 19.4 17.8 26.8



#20
Methylene Chloride
Concen: 18.186 ug/l
RT: 4.806 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

Tgt Ion: 84 Resp: 91601
Ion Ratio Lower Upper
84 100
49 113.6 91.8 137.6
51 35.5 29.0 43.4
86 62.9 48.6 72.8

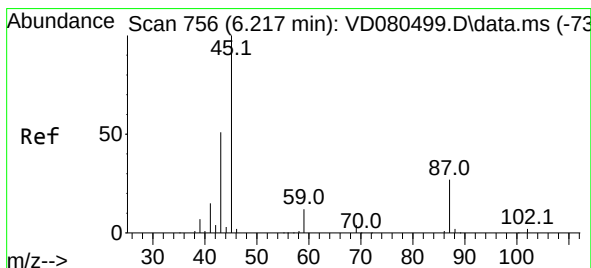
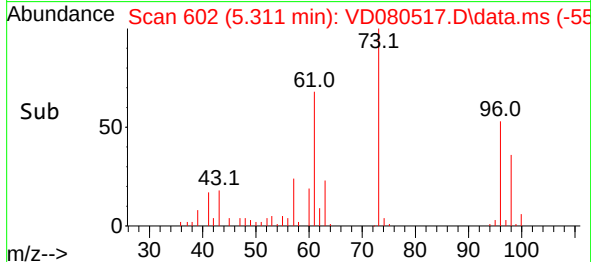
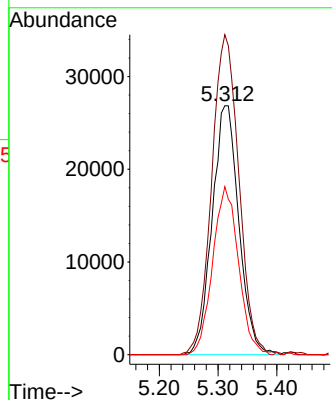
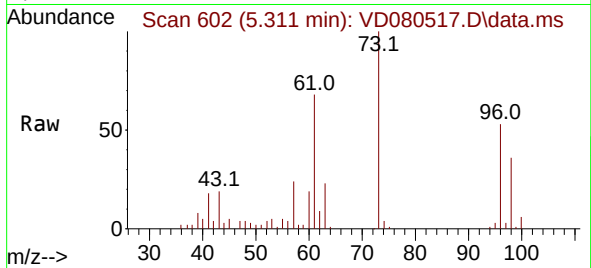




#21
trans-1,2-Dichloroethene
Concen: 19.506 ug/l
RT: 5.311 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

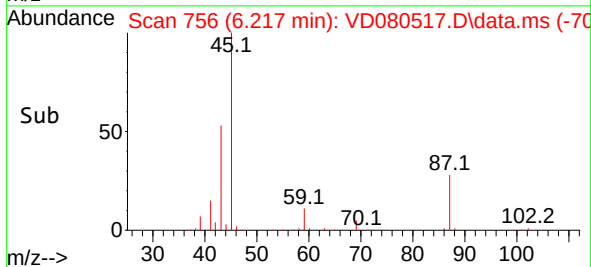
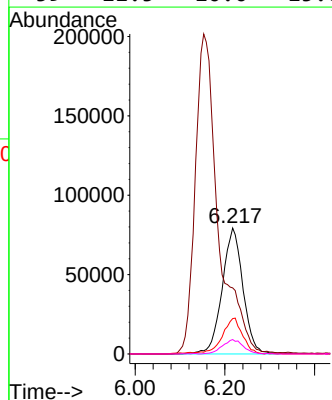
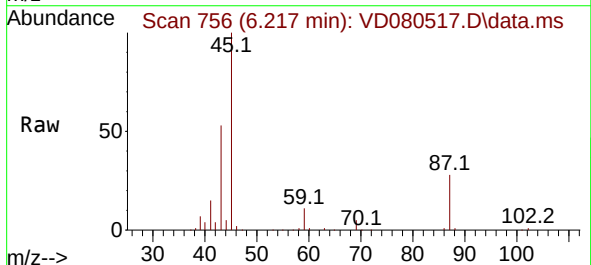
Instrument :
MSVOA_D
ClientSampleId :

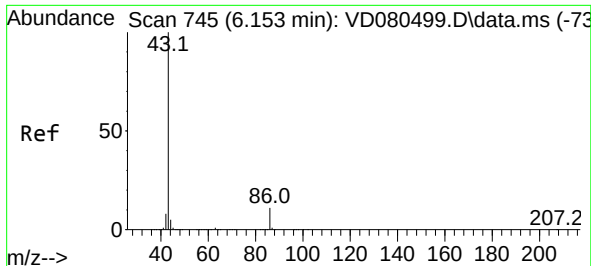
Tgt Ion: 96 Resp: 84652
Ion Ratio Lower Upper
96 100
61 128.5 107.4 161.0
98 67.4 49.9 74.9



#22
Diisopropyl ether
Concen: 18.907 ug/l
RT: 6.217 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

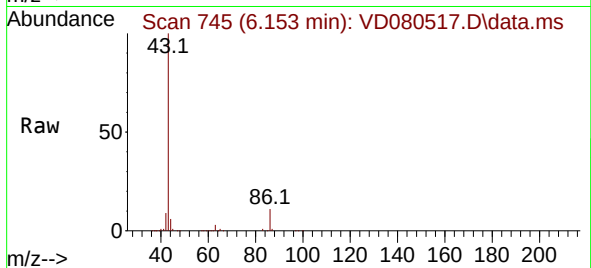
Tgt Ion: 45 Resp: 256002
Ion Ratio Lower Upper
45 100
43 51.3 40.6 60.8
87 27.9 21.6 32.4
59 11.5 10.0 15.0



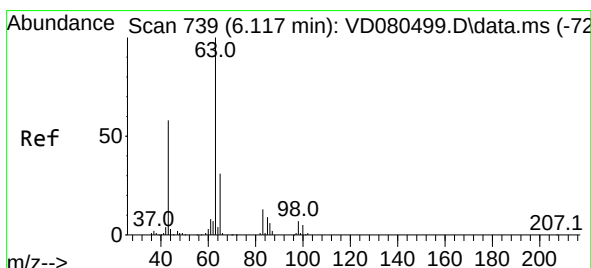
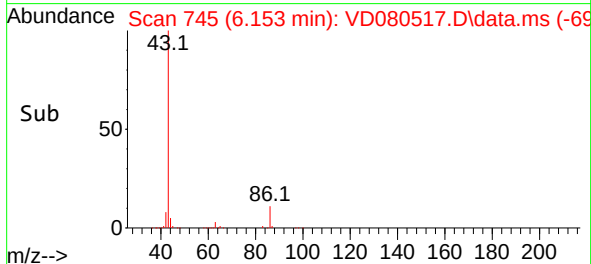
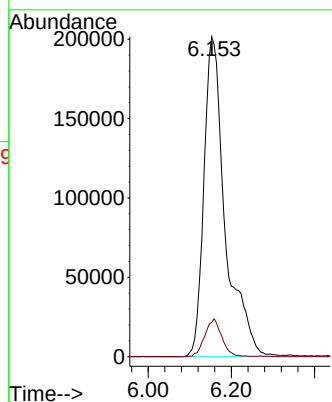


#23
 Vinyl Acetate
 Concen: 93.388 ug/l
 RT: 6.153 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD080517.D
 Acq: 05 Sep 2025 10:50

Instrument :
 MSVOA_D
 ClientSampleId :

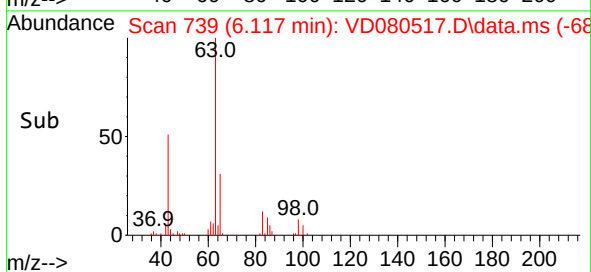
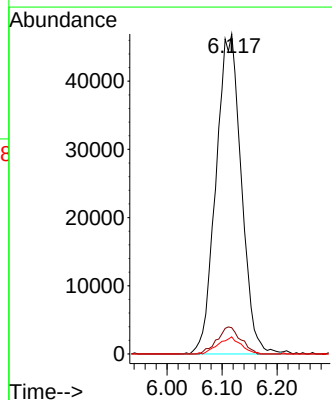
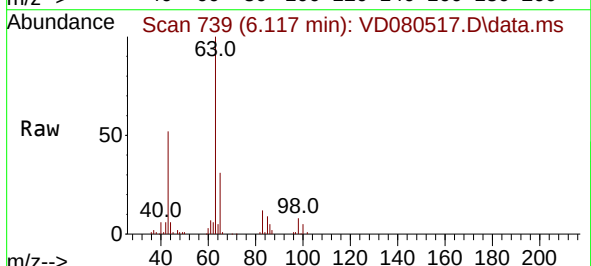


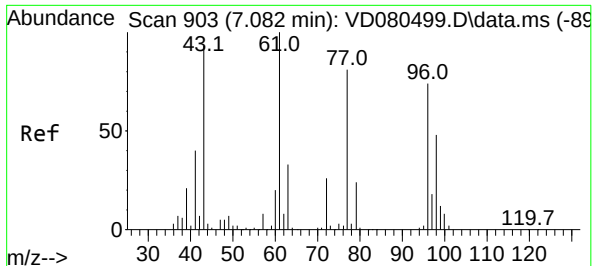
Tgt Ion: 43 Resp: 719573
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 19.140 ug/l
 RT: 6.117 min Scan# 739
 Delta R.T. -0.000 min
 Lab File: VD080517.D
 Acq: 05 Sep 2025 10:50

Tgt Ion: 63 Resp: 150021
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.3 9.9
 100 5.4 2.4 7.1

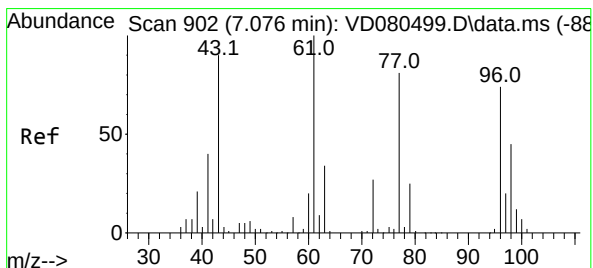
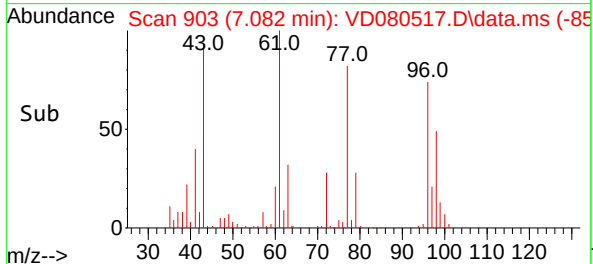
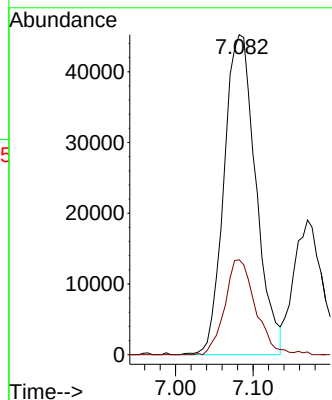
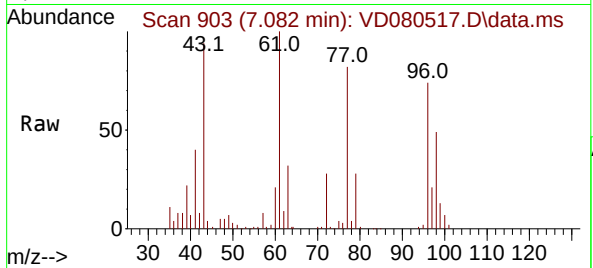




#25
2-Butanone
Concen: 99.464 ug/l
RT: 7.082 min Scan# 903
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

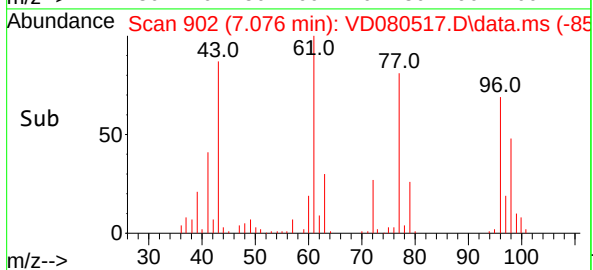
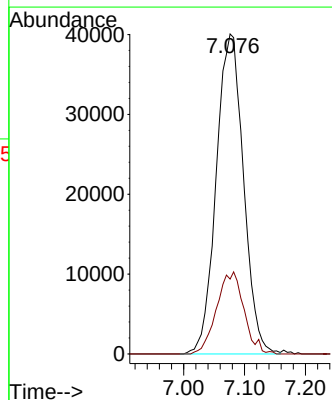
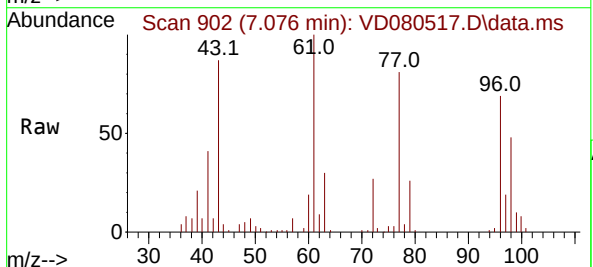
Instrument :
MSVOA_D
ClientSampleId :

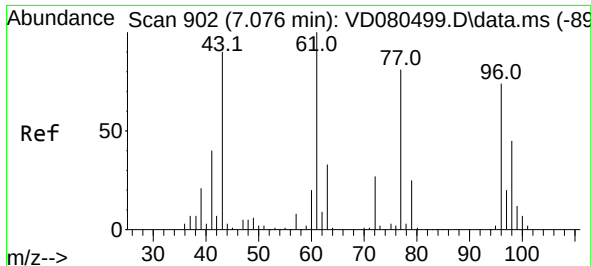
Tgt Ion: 43 Resp: 129135
Ion Ratio Lower Upper
43 100
72 29.6 22.8 34.2



#26
2,2-Dichloropropane
Concen: 20.099 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

Tgt Ion: 77 Resp: 124730
Ion Ratio Lower Upper
77 100
97 25.7 12.4 37.0

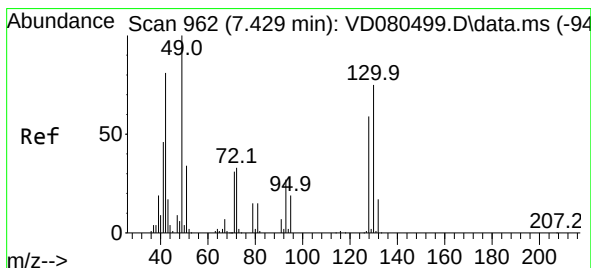
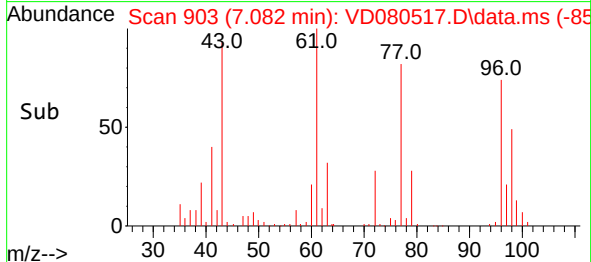
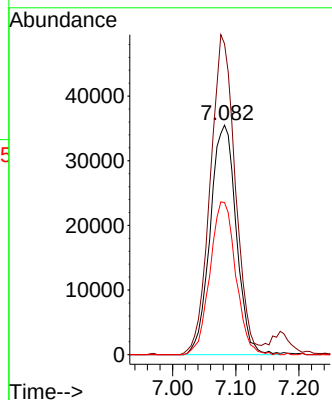
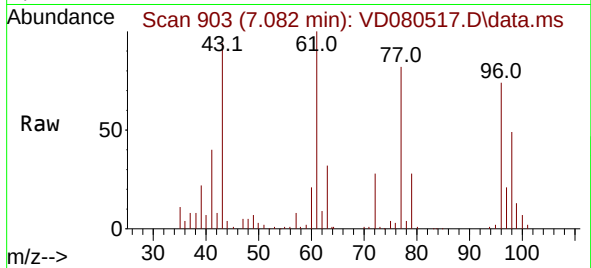




#27
 cis-1,2-Dichloroethene
 Concen: 19.604 ug/l
 RT: 7.082 min Scan# 902
 Delta R.T. 0.006 min
 Lab File: VD080517.D
 Acq: 05 Sep 2025 10:50

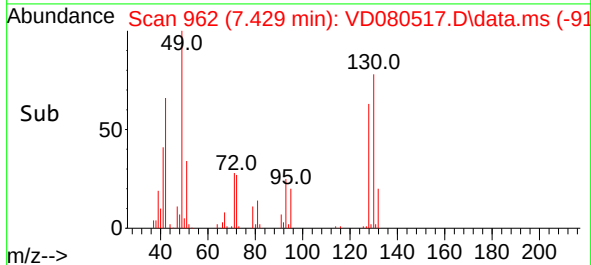
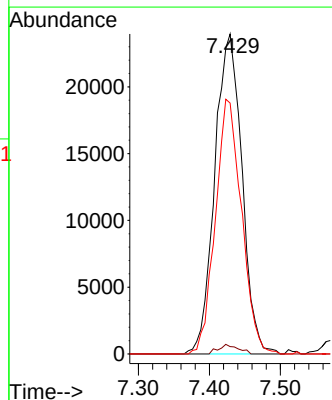
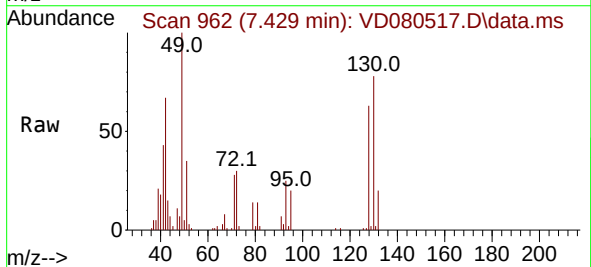
Instrument :
 MSVOA_D
 ClientSampleId :

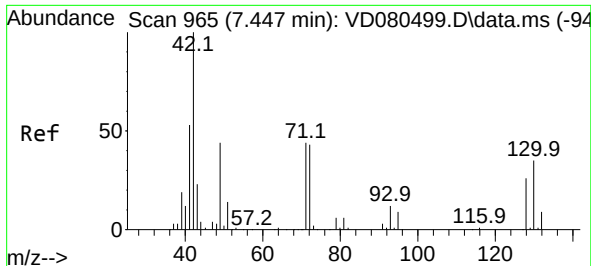
Tgt Ion: 96 Resp: 101535
 Ion Ratio Lower Upper
 96 100
 61 134.1 0.0 275.2
 98 66.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 19.929 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. -0.000 min
 Lab File: VD080517.D
 Acq: 05 Sep 2025 10:50

Tgt Ion: 49 Resp: 63657
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 76.7 61.1 91.7





#29

Tetrahydrofuran

Concen: 93.901 ug/l

RT: 7.441 min Scan# 90

Delta R.T. -0.006 min

Lab File: VD080517.D

Acq: 05 Sep 2025 10:50

Instrument :

MSVOA_D

ClientSampleId :

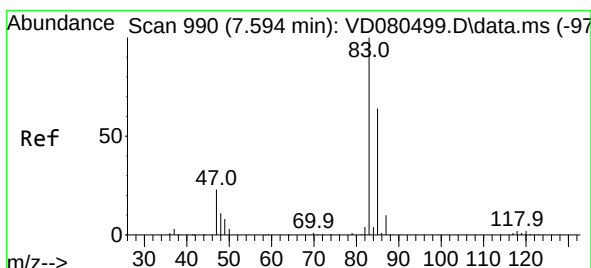
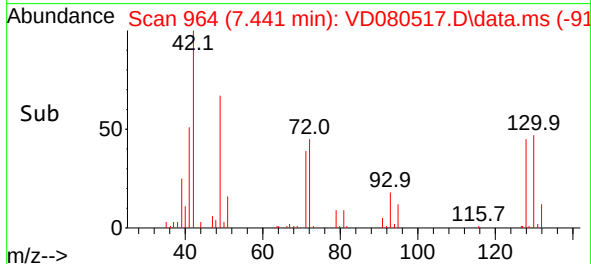
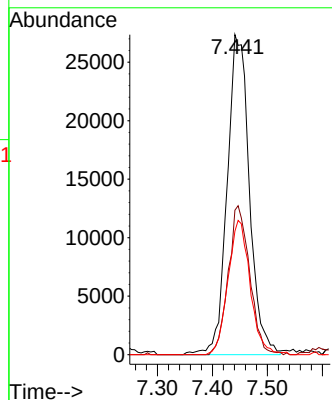
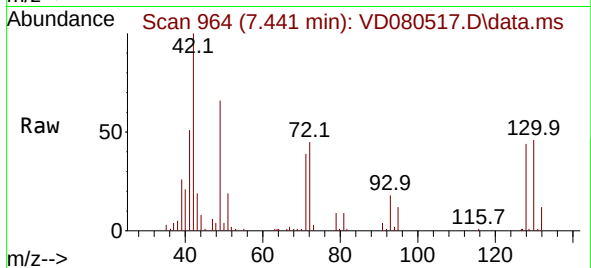
Tgt Ion: 42 Resp: 77039

Ion Ratio Lower Upper

42 100

72 44.8 34.7 52.1

71 41.8 32.9 49.3



#30

Chloroform

Concen: 19.779 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.000 min

Lab File: VD080517.D

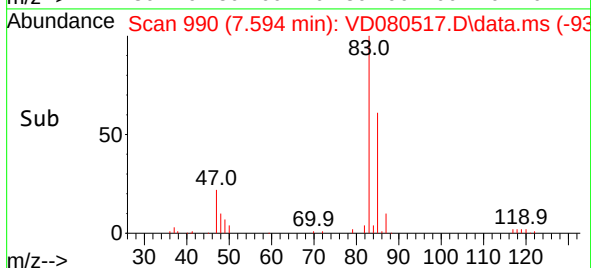
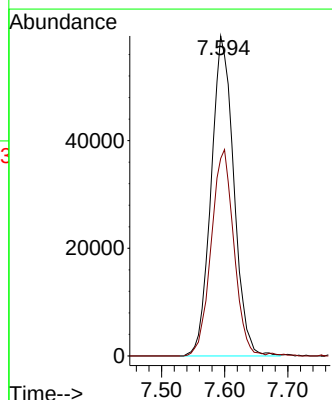
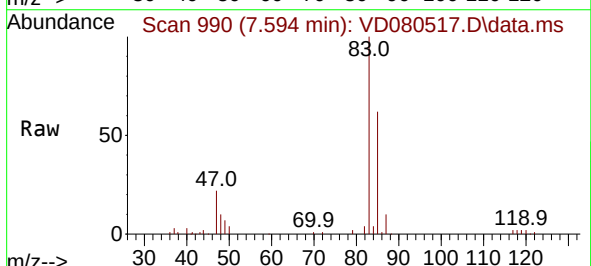
Acq: 05 Sep 2025 10:50

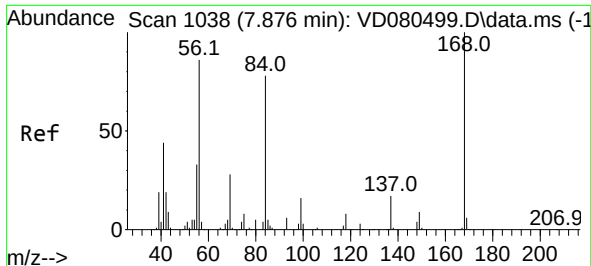
Tgt Ion: 83 Resp: 148233

Ion Ratio Lower Upper

83 100

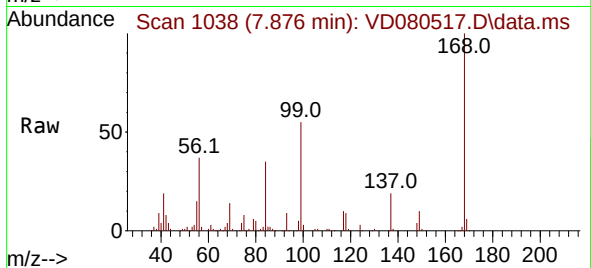
85 61.7 51.2 76.8



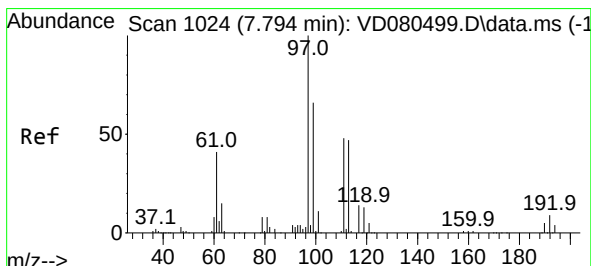
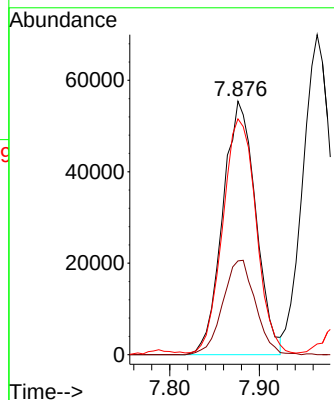
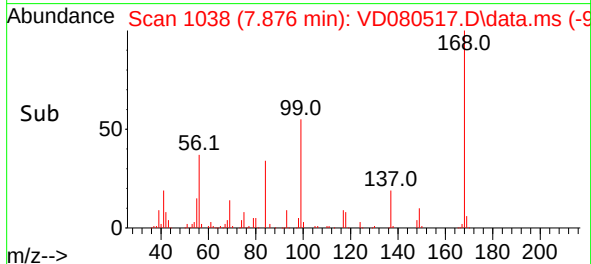


#31
Cyclohexane
Concen: 19.374 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

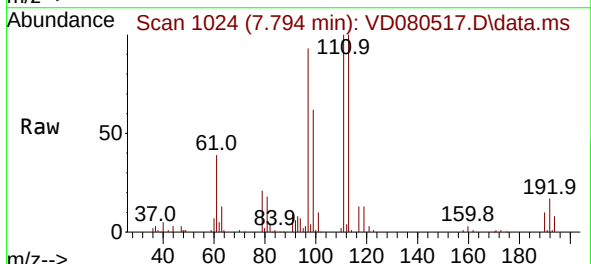
Instrument :
MSVOA_D
ClientSampleId :



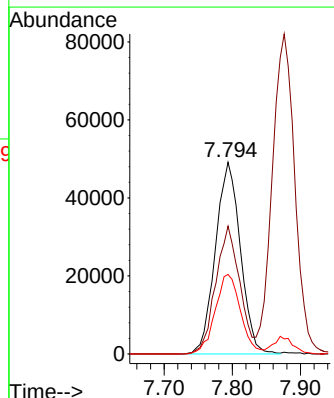
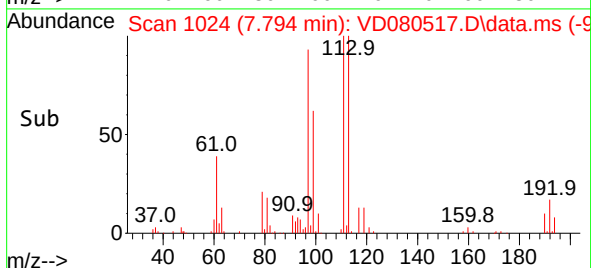
Tgt Ion: 56 Resp: 142140
Ion Ratio Lower Upper
56 100
69 37.0 26.0 39.0
84 92.0 72.6 108.8

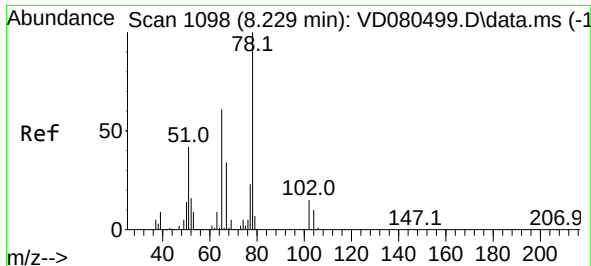


#32
1,1,1-Trichloroethane
Concen: 20.074 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50



Tgt Ion: 97 Resp: 125266
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 42.2 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 43.275 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VD080517.D

Acq: 05 Sep 2025 10:50

Instrument :

MSVOA_D

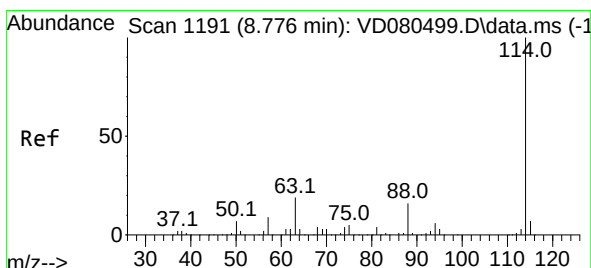
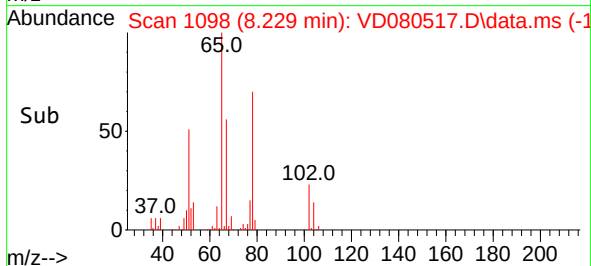
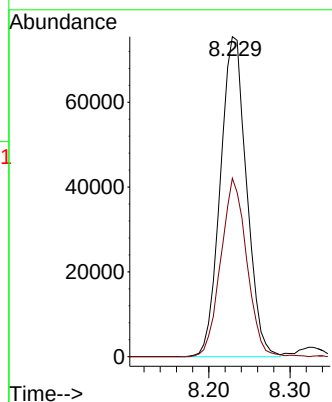
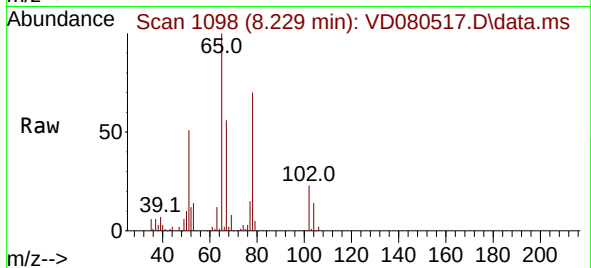
ClientSampleId :

Tgt Ion: 65 Resp: 169487

Ion Ratio Lower Upper

65 100

67 55.2 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: VD080517.D

Acq: 05 Sep 2025 10:50

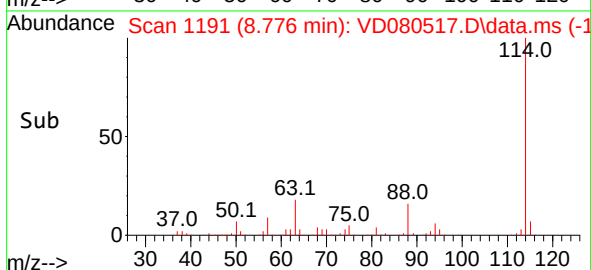
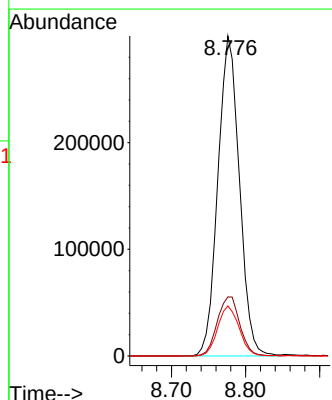
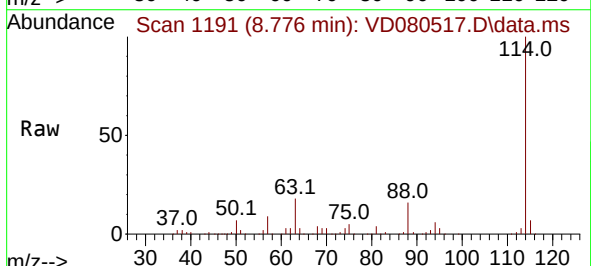
Tgt Ion: 114 Resp: 604228

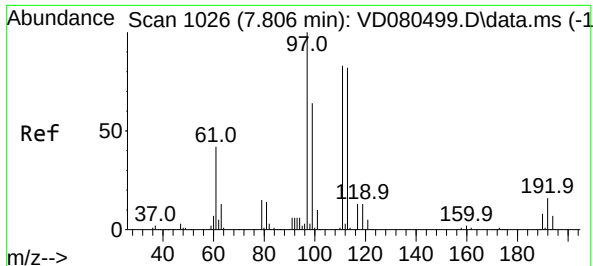
Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.6

88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.649 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. -0.001 min

Lab File: VD080517.D

Acq: 05 Sep 2025 10:50

Instrument :

MSVOA_D

ClientSampleId :

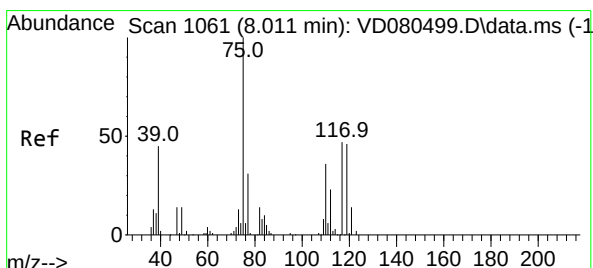
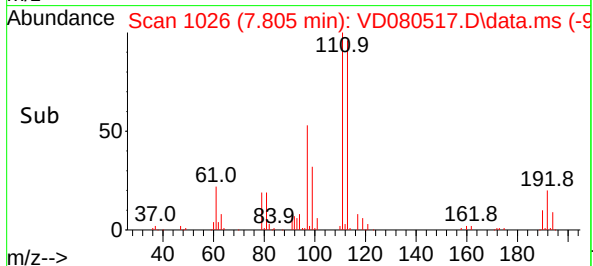
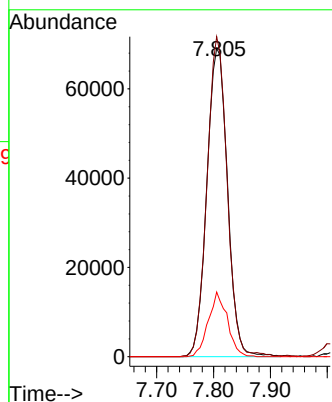
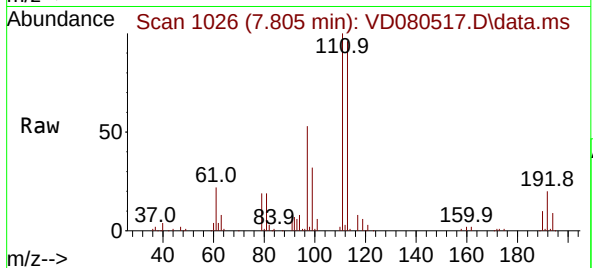
Tgt Ion:113 Resp: 174719

Ion Ratio Lower Upper

113 100

111 100.8 82.0 123.0

192 19.3 14.9 22.3



#36

1,1-Dichloropropene

Concen: 20.687 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.000 min

Lab File: VD080517.D

Acq: 05 Sep 2025 10:50

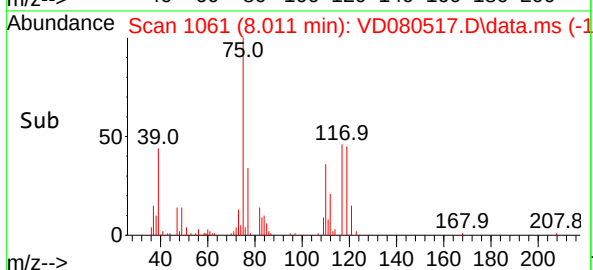
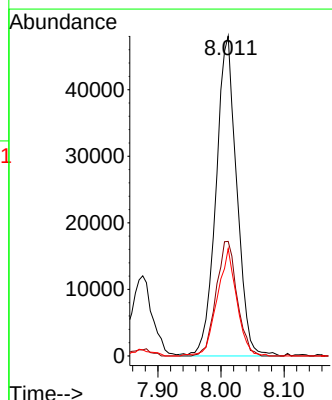
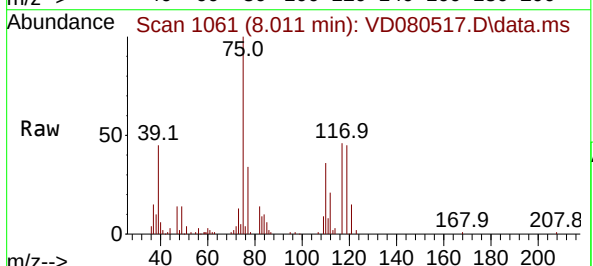
Tgt Ion: 75 Resp: 109538

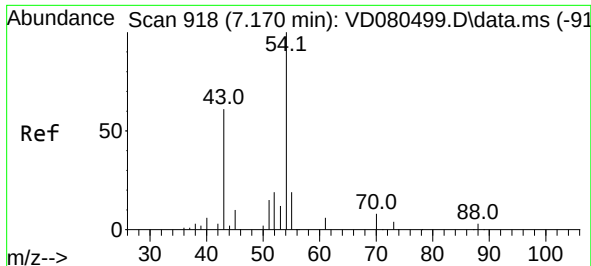
Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.1

77 31.7 25.7 38.5





#37

Ethyl Acetate

Concen: 19.424 ug/l

RT: 7.170 min Scan# 918

Delta R.T. -0.000 min

Lab File: VD080517.D

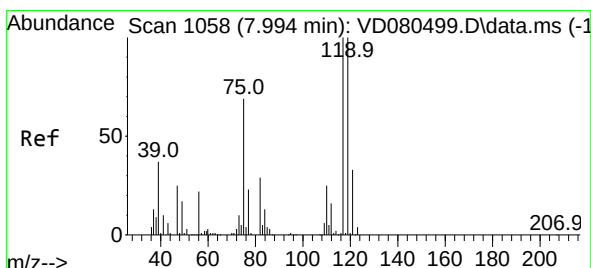
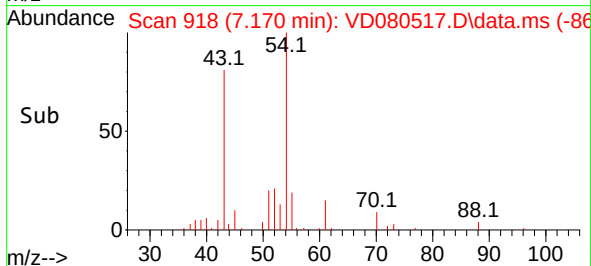
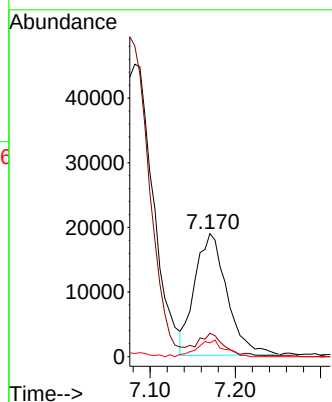
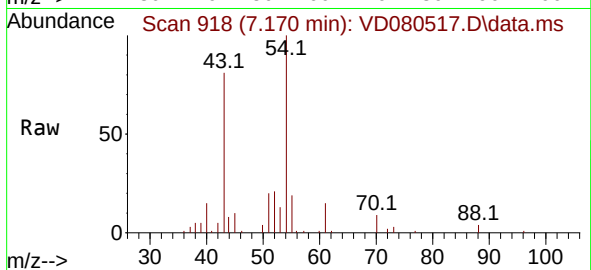
Acq: 05 Sep 2025 10:50

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 49458
Ion Ratio	Lower Upper
43	100
61	15.4 11.8 17.8
70	11.6 9.0 13.4



#38

Carbon Tetrachloride

Concen: 21.527 ug/l

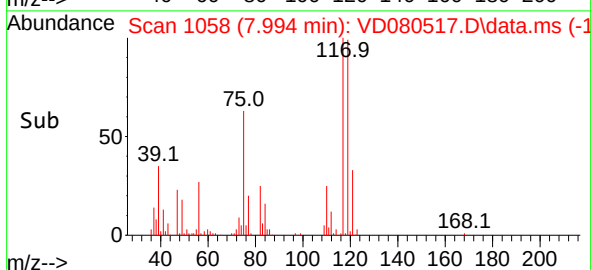
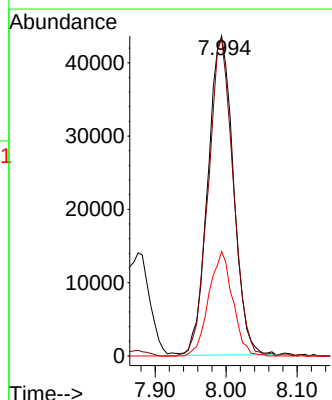
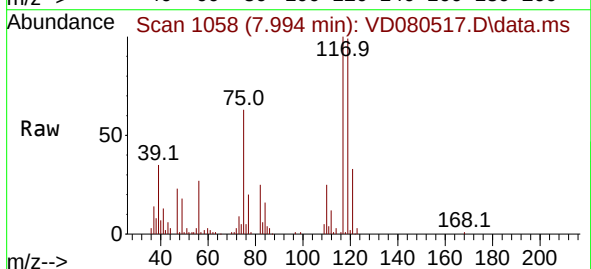
RT: 7.994 min Scan# 1058

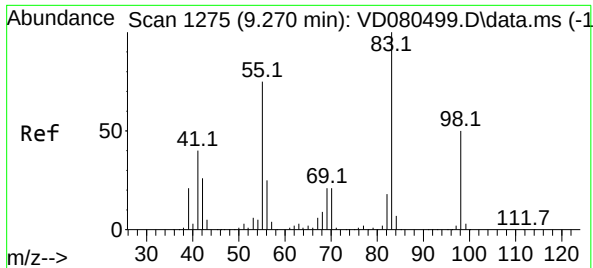
Delta R.T. -0.000 min

Lab File: VD080517.D

Acq: 05 Sep 2025 10:50

Tgt Ion: 117	Resp: 108486
Ion Ratio	Lower Upper
117	100
119	99.0 80.2 120.2
121	32.8 26.8 40.2





#39

Methylcyclohexane

Concen: 20.754 ug/l

RT: 9.276 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VD080517.D

Acq: 05 Sep 2025 10:50

Instrument :

MSVOA_D

ClientSampleId :

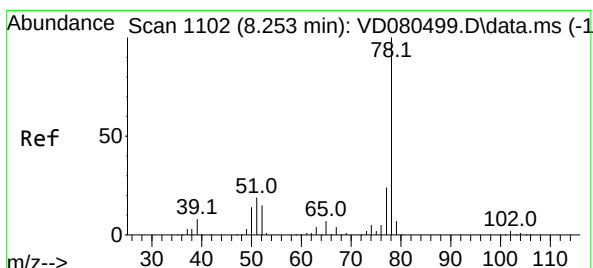
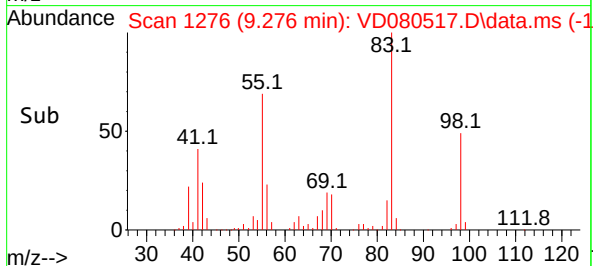
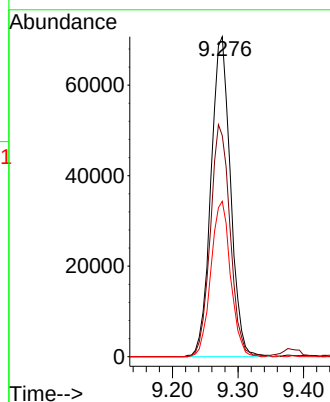
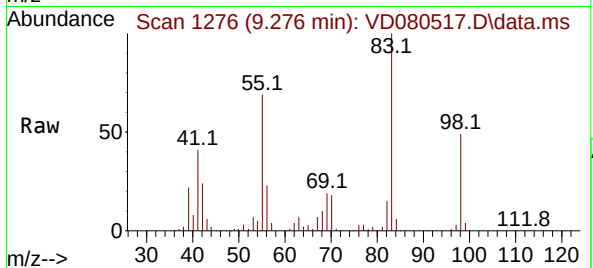
Tgt Ion: 83 Resp: 146268

Ion Ratio Lower Upper

83 100

55 69.1 60.4 90.6

98 48.6 39.8 59.6



#40

Benzene

Concen: 20.216 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VD080517.D

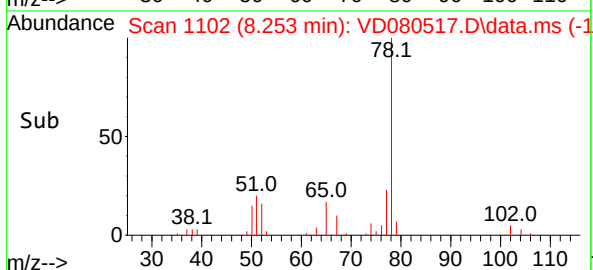
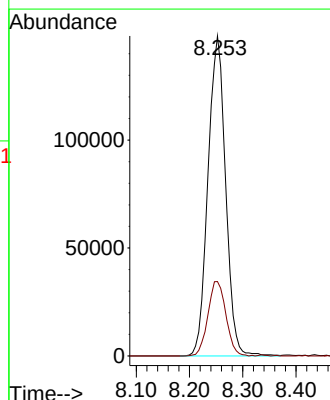
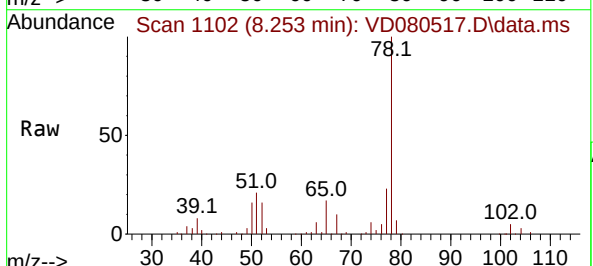
Acq: 05 Sep 2025 10:50

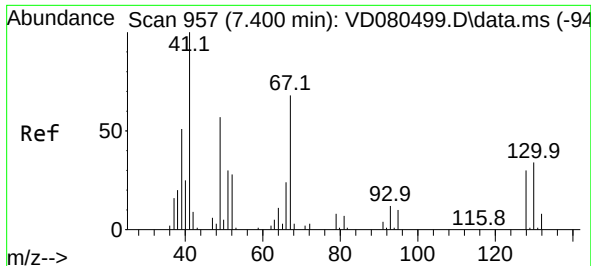
Tgt Ion: 78 Resp: 340663

Ion Ratio Lower Upper

78 100

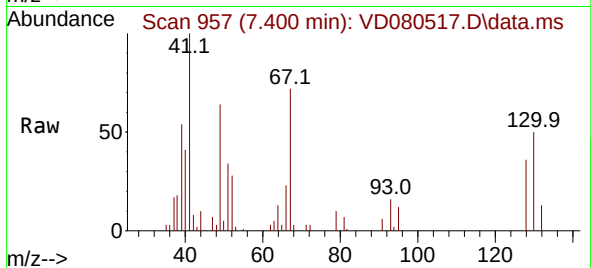
77 23.2 19.0 28.6



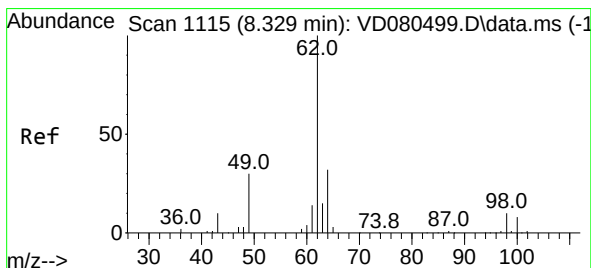
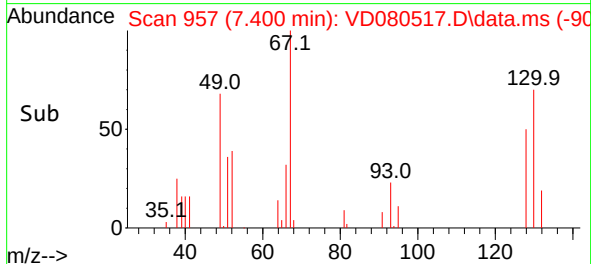
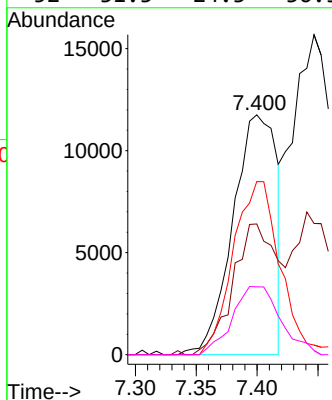


#41
Methacrylonitrile
Concen: 19.396 ug/l
RT: 7.400 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

Instrument :
MSVOA_D
ClientSampleId :

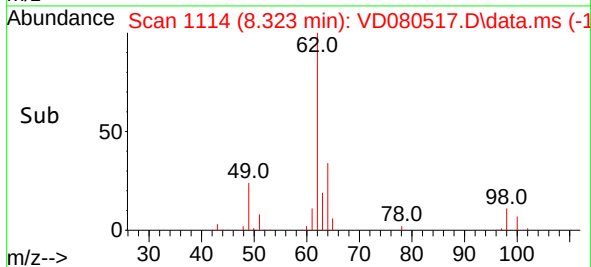
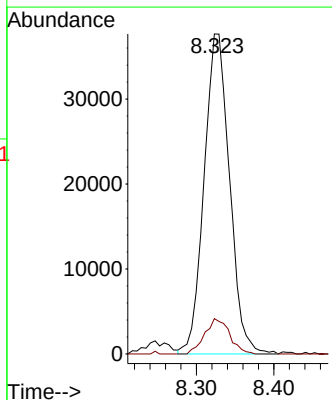
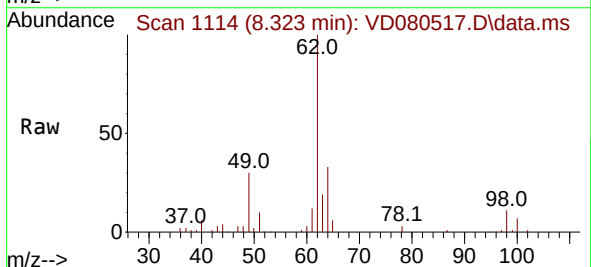


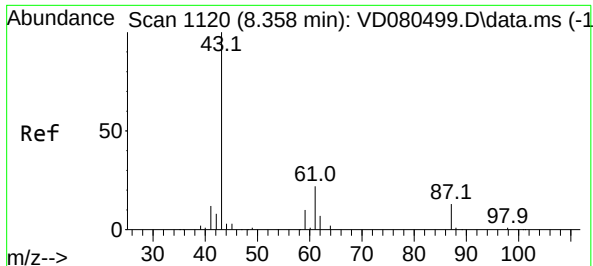
Tgt Ion:	41	Resp:	29320
Ion	Ratio	Lower	Upper
41	100		
39	57.0	50.1	75.1
67	77.2	60.8	91.2
52	31.3	24.3	36.5



#42
1,2-Dichloroethane
Concen: 21.074 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

Tgt Ion:	62	Resp:	86016
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.0





#43

Isopropyl Acetate

Concen: 19.385 ug/l

RT: 8.358 min Scan# 1120

Delta R.T. -0.000 min

Lab File: VD080517.D

Acq: 05 Sep 2025 10:50

Instrument :

MSVOA_D

ClientSampleId :

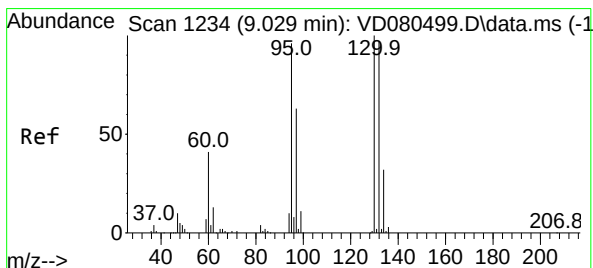
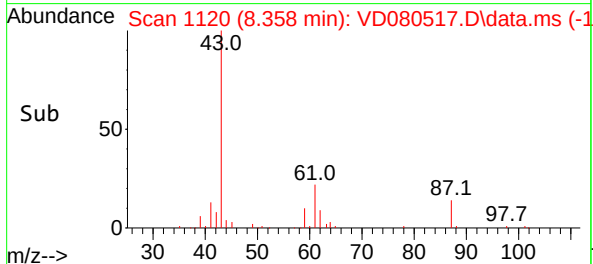
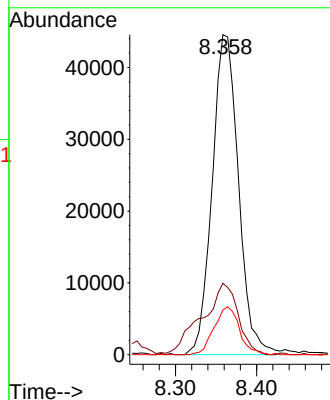
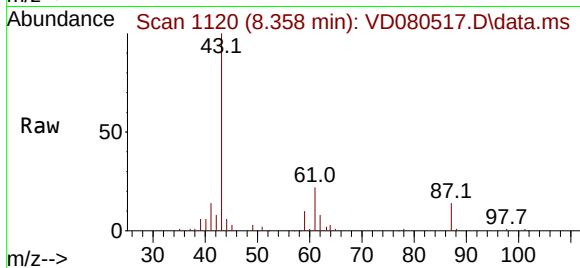
Tgt Ion: 43 Resp: 100423

Ion Ratio Lower Upper

43 100

61 30.6 24.3 36.5

87 14.4 10.9 16.3



#44

Trichloroethene

Concen: 20.954 ug/l

RT: 9.029 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VD080517.D

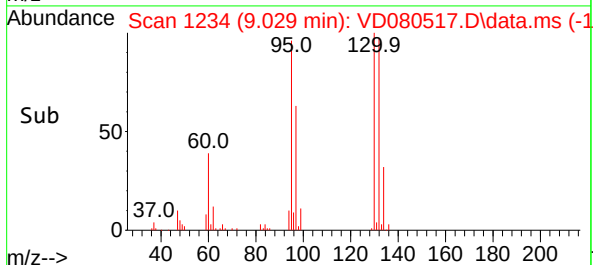
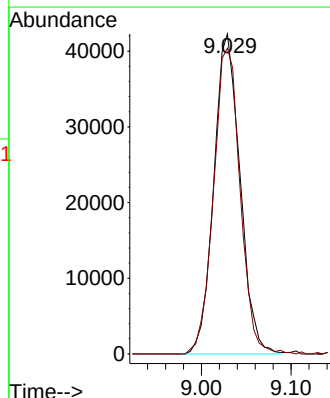
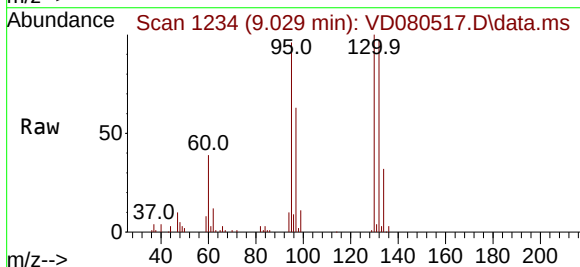
Acq: 05 Sep 2025 10:50

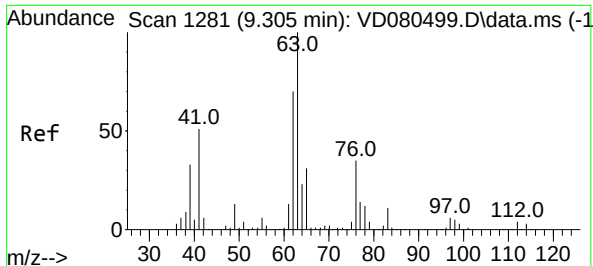
Tgt Ion:130 Resp: 85664

Ion Ratio Lower Upper

130 100

95 95.5 0.0 191.8





#45

1,2-Dichloropropane

Concen: 19.954 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD080517.D

Acq: 05 Sep 2025 10:50

Instrument :

MSVOA_D

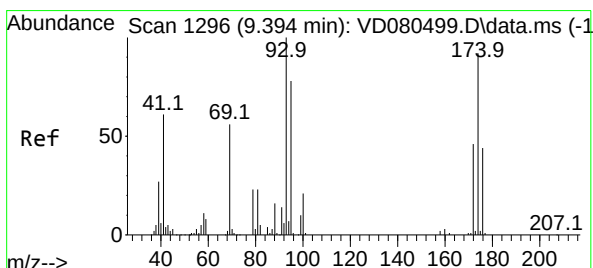
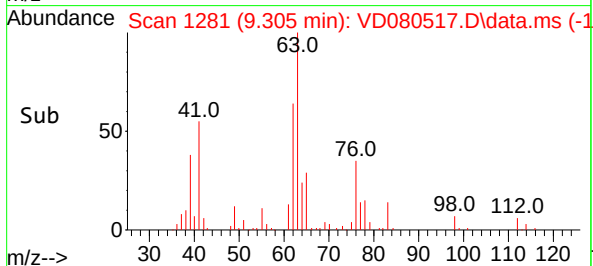
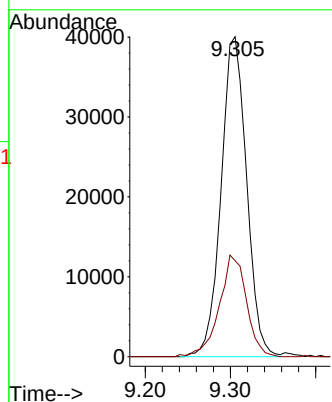
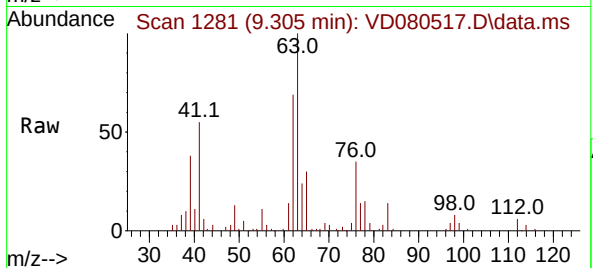
ClientSampleId :

Tgt Ion: 63 Resp: 83391

Ion Ratio Lower Upper

63 100

65 30.0 24.9 37.3



#46

Dibromomethane

Concen: 20.520 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VD080517.D

Acq: 05 Sep 2025 10:50

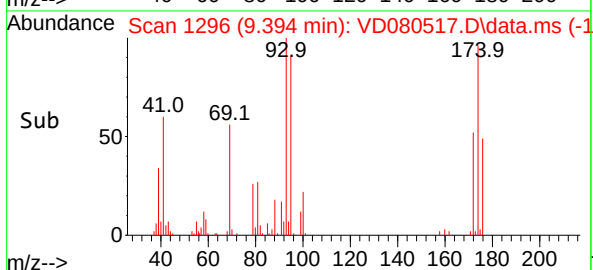
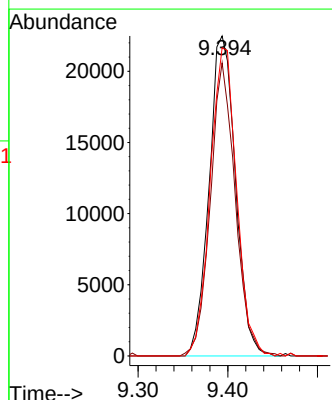
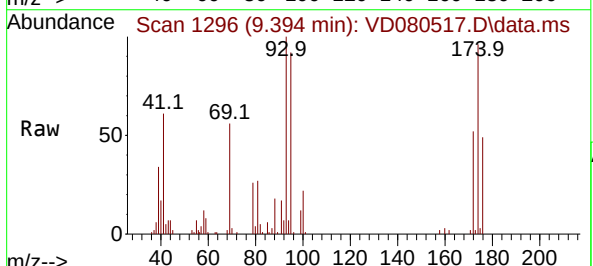
Tgt Ion: 93 Resp: 45944

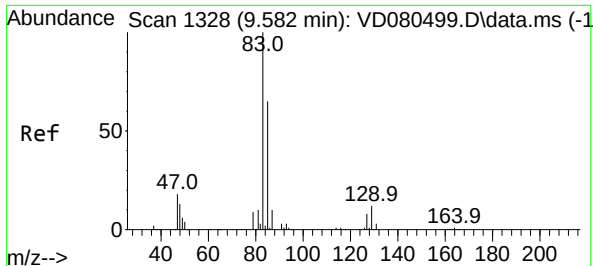
Ion Ratio Lower Upper

93 100

95 86.4 66.3 99.5

174 96.1 74.8 112.2

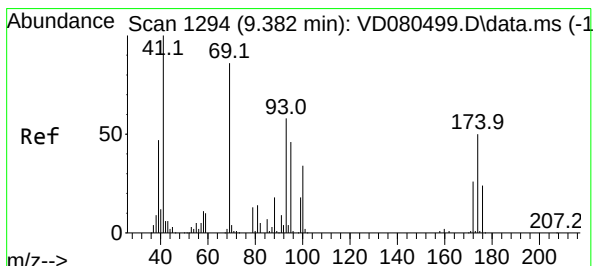
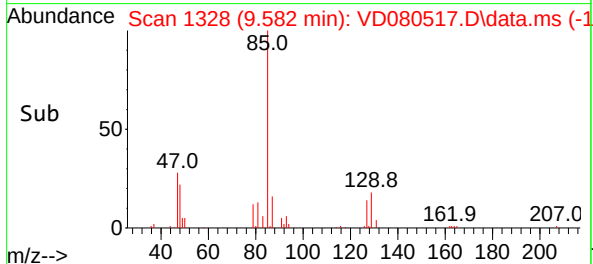
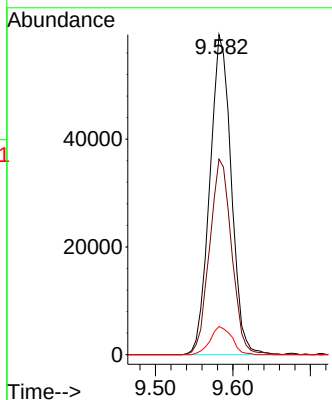
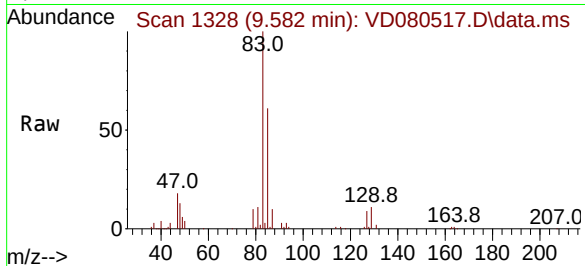




#47
Bromodichloromethane
Concen: 20.927 ug/l
RT: 9.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

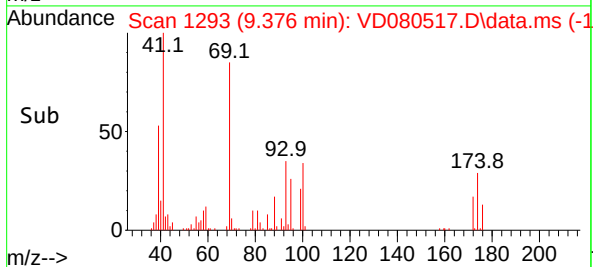
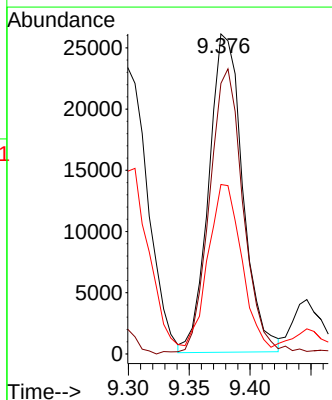
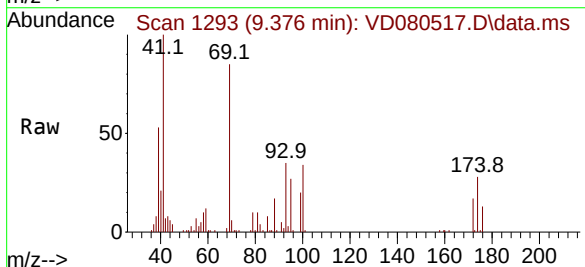
Instrument :
MSVOA_D
ClientSampleId :

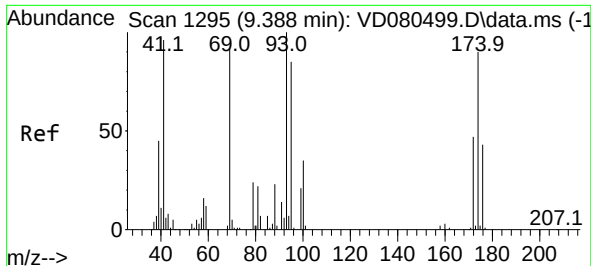
Tgt Ion: 83 Resp: 114229
Ion Ratio Lower Upper
83 100
85 61.1 52.2 78.2
127 8.8 6.6 9.8



#48
Methyl methacrylate
Concen: 19.644 ug/l
RT: 9.376 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

Tgt Ion: 41 Resp: 50448
Ion Ratio Lower Upper
41 100
69 90.4 68.7 103.1
39 50.2 36.5 54.7





#49

1,4-Dioxane

Concen: 411.306 ug/l

RT: 9.382 min Scan# 11

Delta R.T. -0.006 min

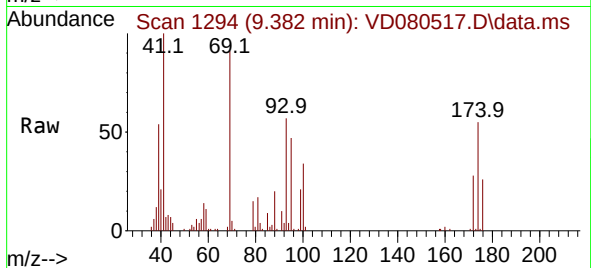
Lab File: VD080517.D

Acq: 05 Sep 2025 10:50

Instrument :

MSVOA_D

ClientSampleId :



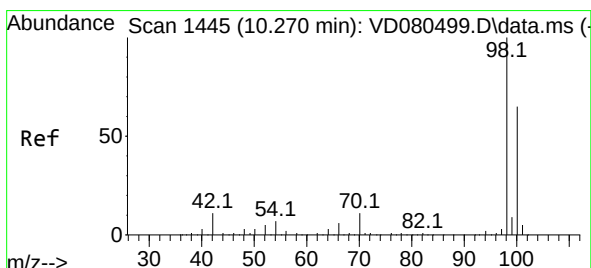
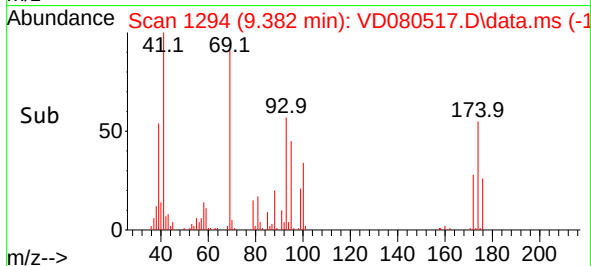
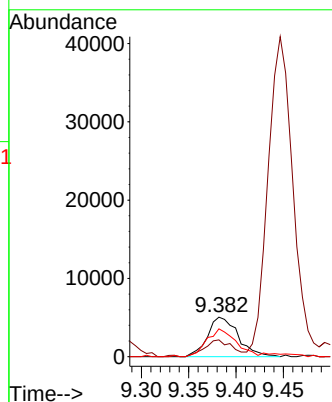
Tgt Ion: 88 Resp: 11385

Ion Ratio Lower Upper

88 100

43 37.1 26.1 39.1

58 66.3 54.2 81.2



#50

Toluene-d8

Concen: 47.975 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080517.D

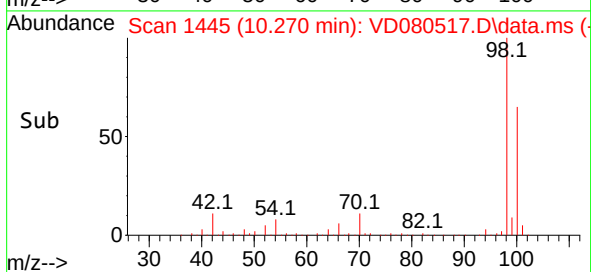
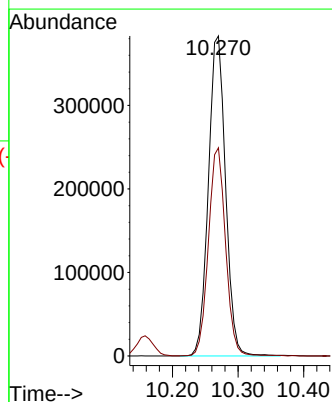
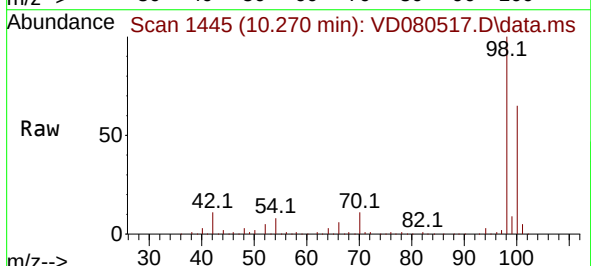
Acq: 05 Sep 2025 10:50

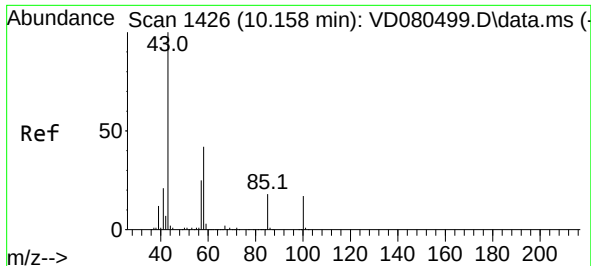
Tgt Ion: 98 Resp: 698267

Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.6

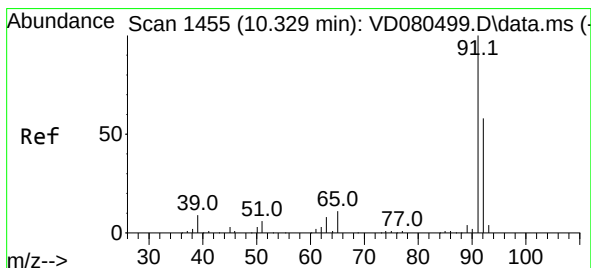
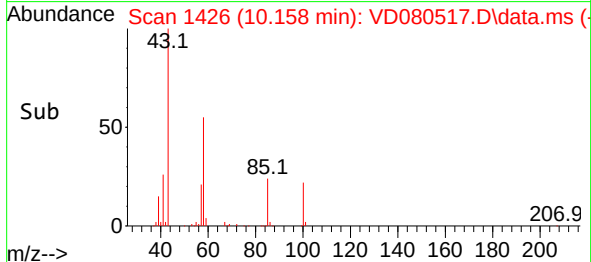
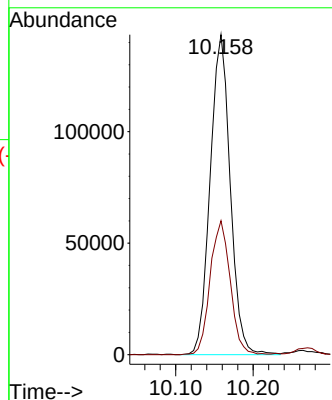
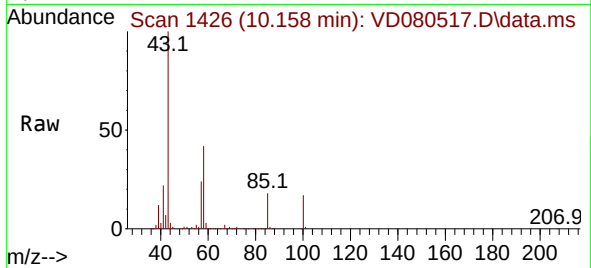




#51
4-Methyl-2-Pentanone
Concen: 100.014 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

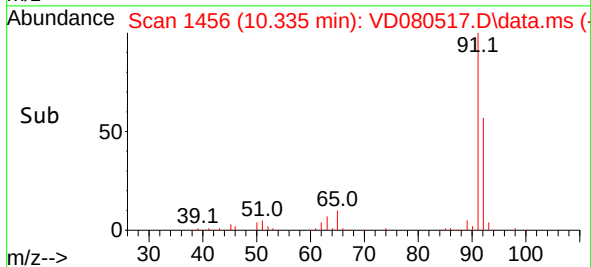
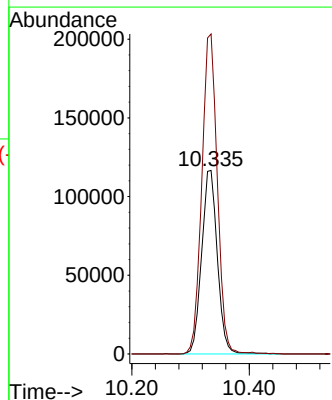
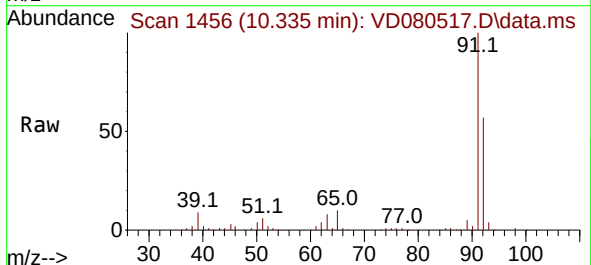
Instrument :
MSVOA_D
ClientSampleId :

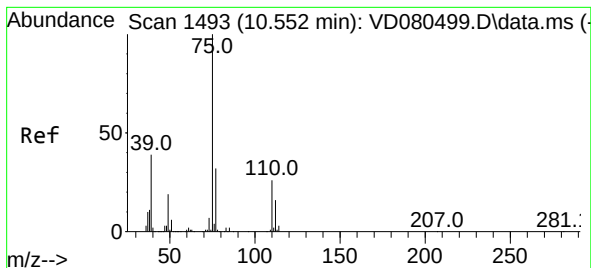
Tgt Ion: 43 Resp: 258395
Ion Ratio Lower Upper
43 100
58 41.9 32.8 49.2



#52
Toluene
Concen: 20.524 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

Tgt Ion: 92 Resp: 215694
Ion Ratio Lower Upper
92 100
91 172.7 138.8 208.2

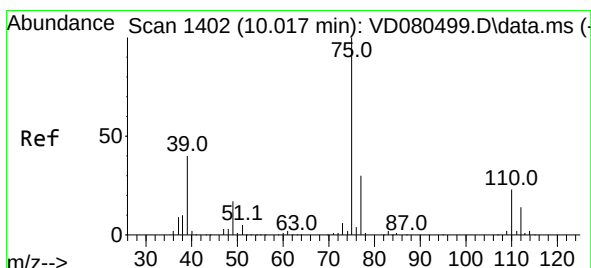
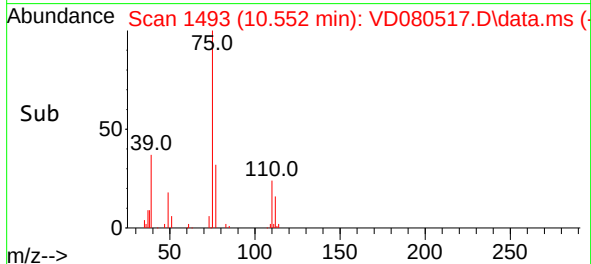
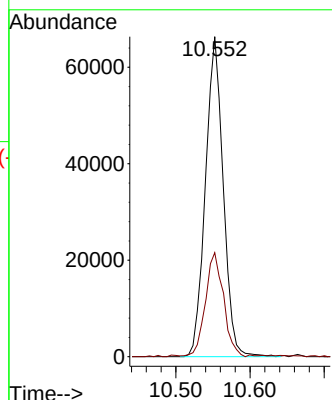
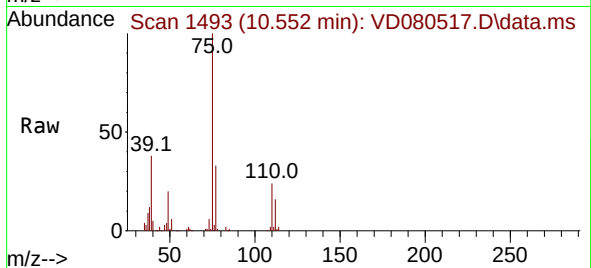




#53
t-1,3-Dichloropropene
Concen: 19.907 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

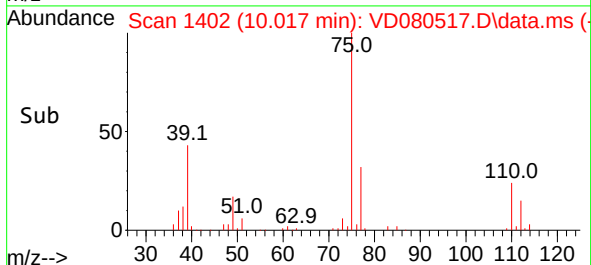
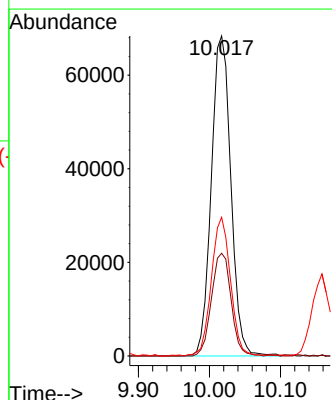
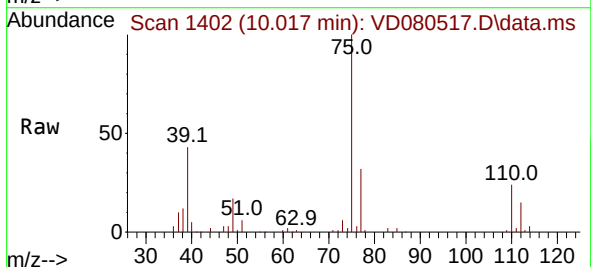
Instrument :
MSVOA_D
ClientSampleId :

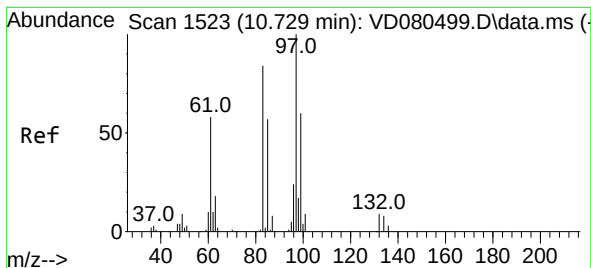
Tgt Ion: 75 Resp: 110739
Ion Ratio Lower Upper
75 100
77 32.2 25.9 38.9



#54
cis-1,3-Dichloropropene
Concen: 19.645 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

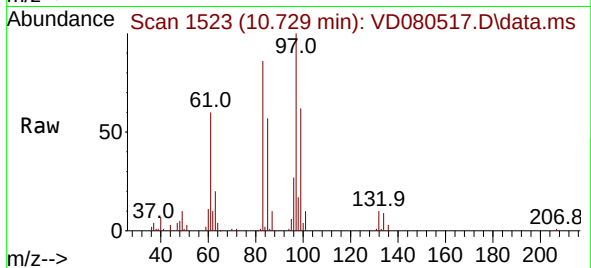
Tgt Ion: 75 Resp: 130684
Ion Ratio Lower Upper
75 100
77 32.1 24.2 36.4
39 43.1 31.8 47.6



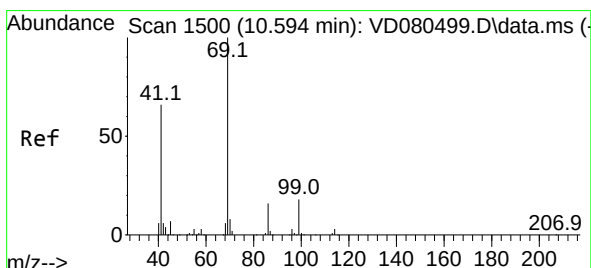
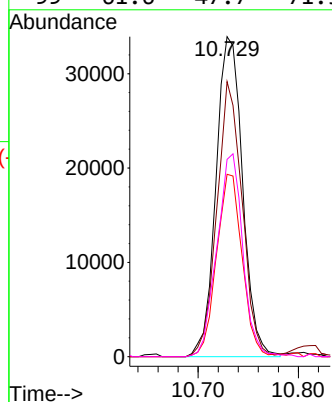
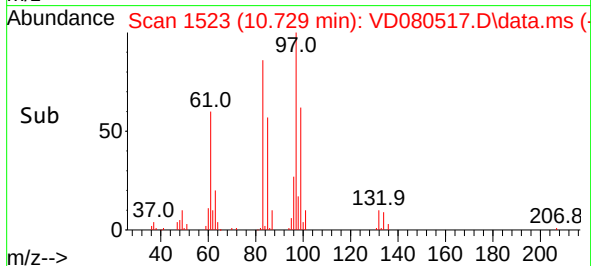


#55
1,1,2-Trichloroethane
Concen: 20.809 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

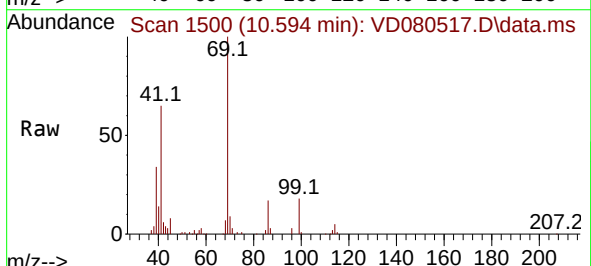
Instrument :
MSVOA_D
ClientSampleId :



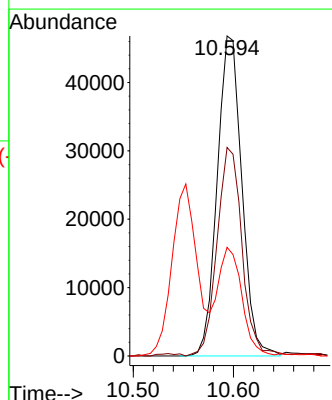
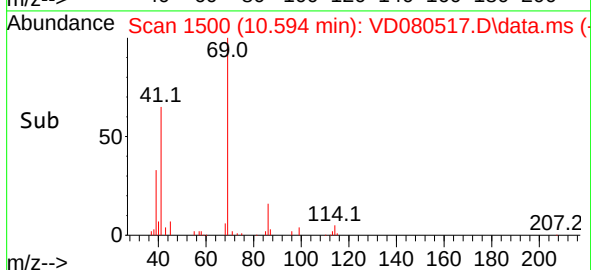
Tgt Ion:	97	Resp:	62468
Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.0	100.6
85	57.0	45.6	68.4
99	61.6	47.7	71.5

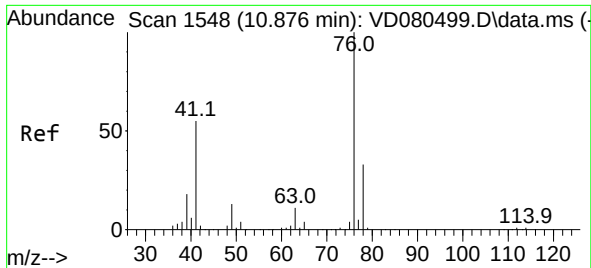


#56
Ethyl methacrylate
Concen: 19.095 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50



Tgt Ion:	69	Resp:	79865
Ion	Ratio	Lower	Upper
69	100		
41	66.1	51.9	77.9
39	32.5	23.6	35.4





#57

1,3-Dichloropropane

Concen: 20.554 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. -0.000 min

Lab File: VD080517.D

Acq: 05 Sep 2025 10:50

Instrument :

MSVOA_D

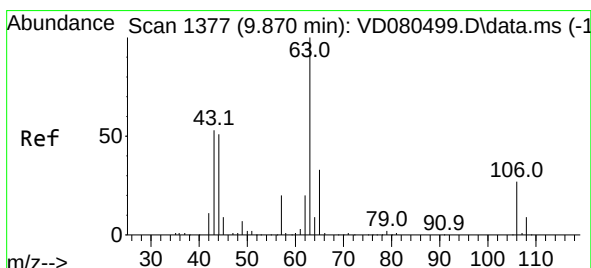
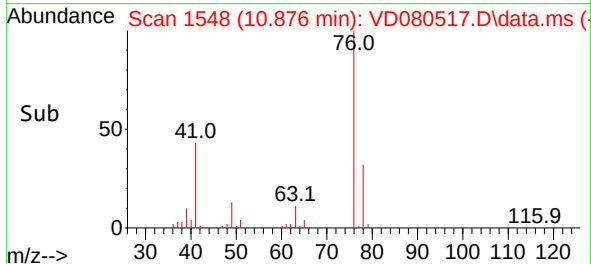
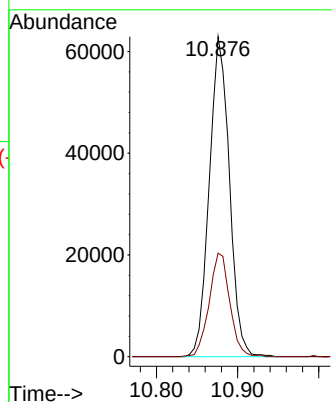
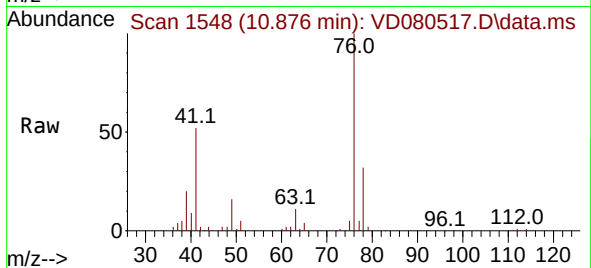
ClientSampleId :

Tgt Ion: 76 Resp: 108289

Ion Ratio Lower Upper

76 100

78 33.2 26.9 40.3



#58

2-Chloroethyl Vinyl ether

Concen: 97.743 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VD080517.D

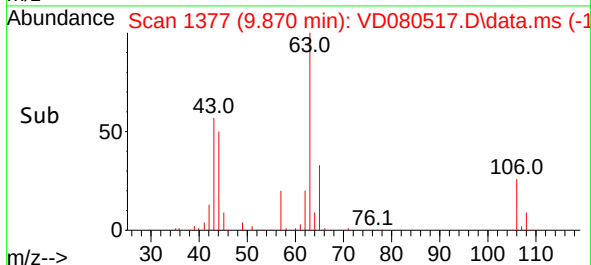
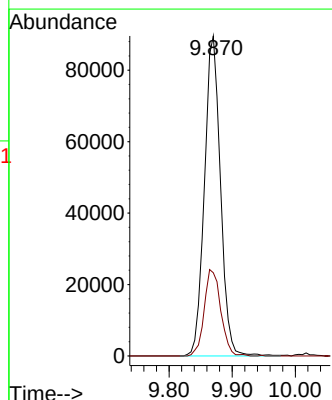
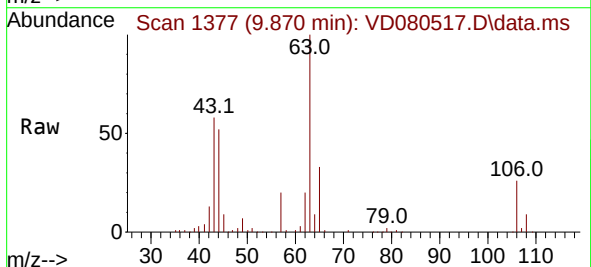
Acq: 05 Sep 2025 10:50

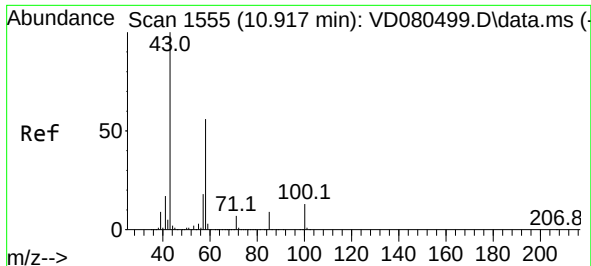
Tgt Ion: 63 Resp: 158201

Ion Ratio Lower Upper

63 100

106 27.8 22.1 33.1

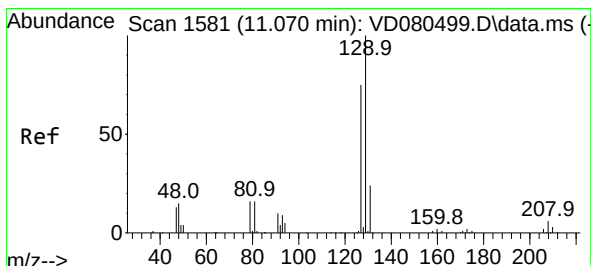
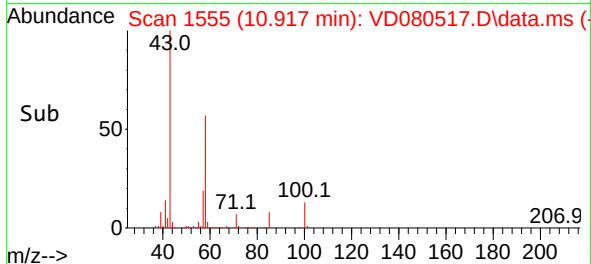
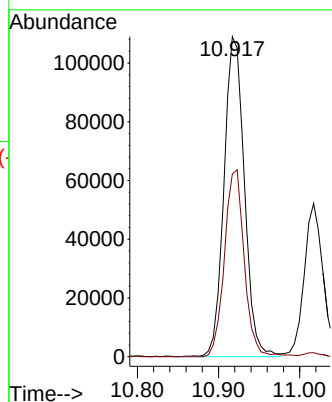
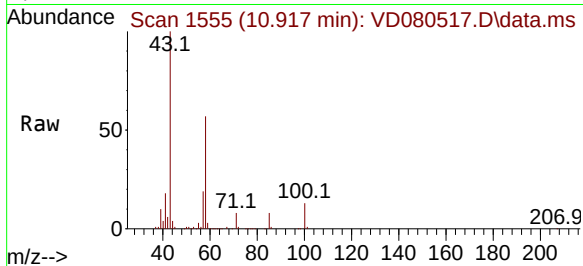




#59
2-Hexanone
Concen: 103.688 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

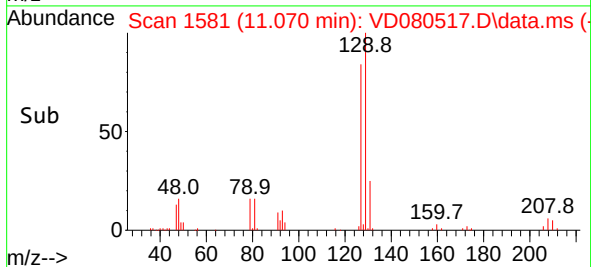
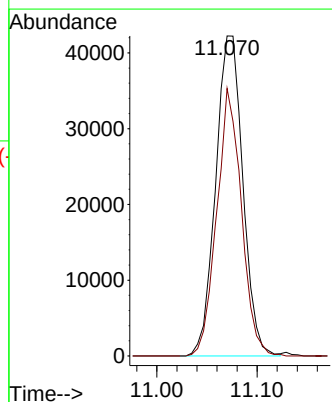
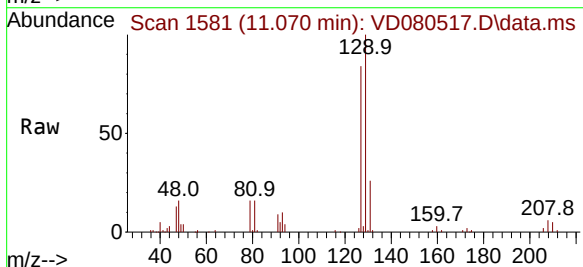
Instrument :
MSVOA_D
ClientSampleId :

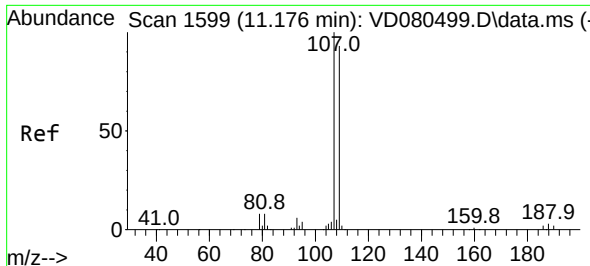
Tgt Ion: 43 Resp: 190341
Ion Ratio Lower Upper
43 100
58 56.9 28.3 85.0



#60
Dibromochloromethane
Concen: 21.029 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

Tgt Ion:129 Resp: 79555
Ion Ratio Lower Upper
129 100
127 75.7 38.6 115.7

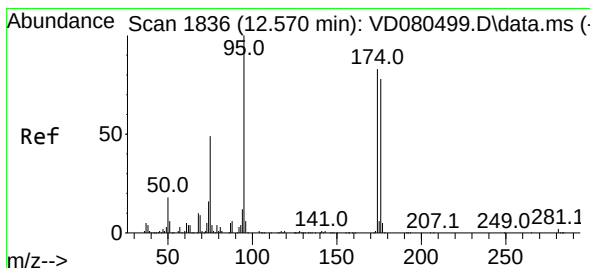
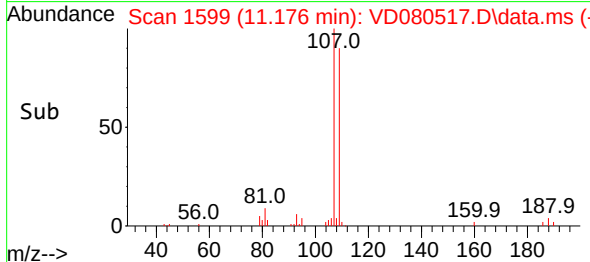
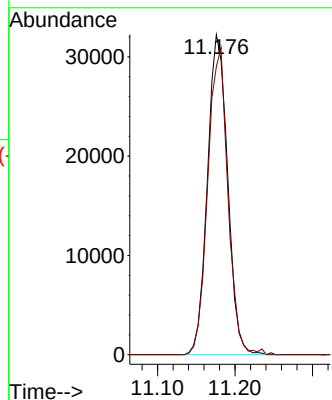
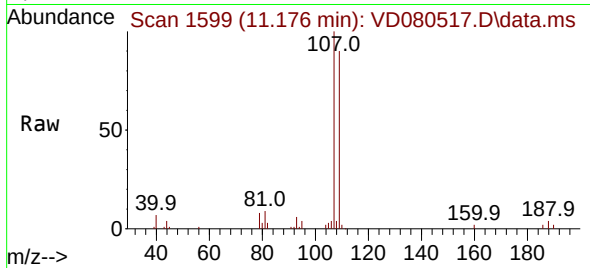




#61
1,2-Dibromoethane
Concen: 20.421 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

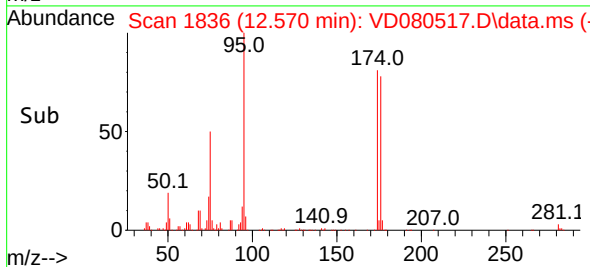
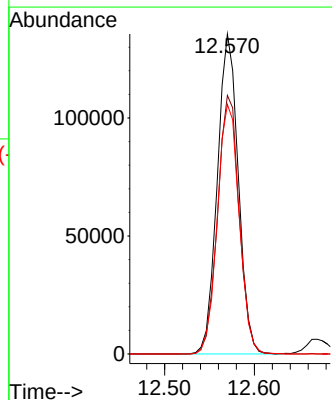
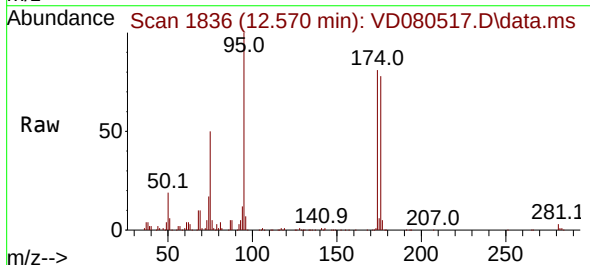
Instrument :
MSVOA_D
ClientSampleId :

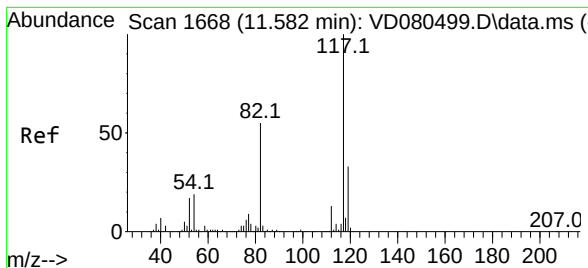
Tgt Ion:107 Resp: 58329
Ion Ratio Lower Upper
107 100
109 95.7 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 47.900 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

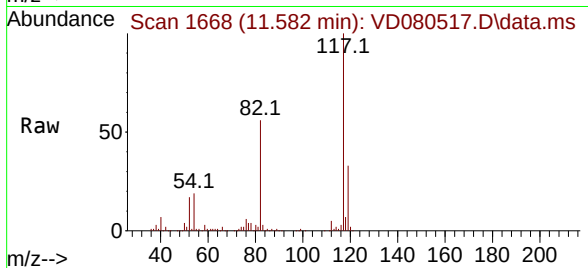
Tgt Ion: 95 Resp: 219627
Ion Ratio Lower Upper
95 100
174 83.0 0.0 162.6
176 81.3 0.0 156.0



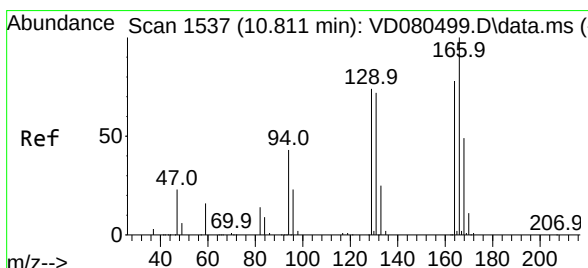
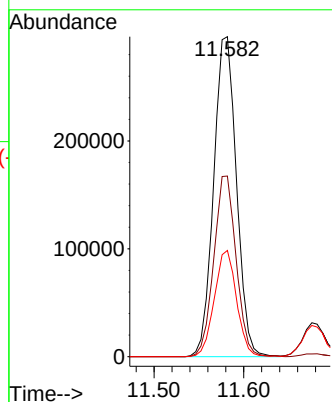
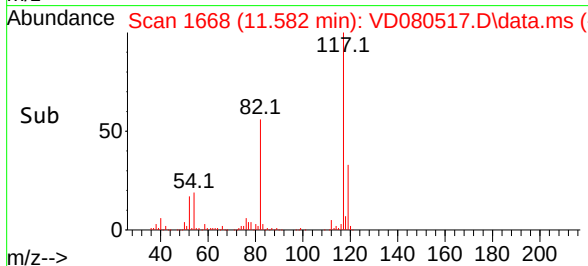


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

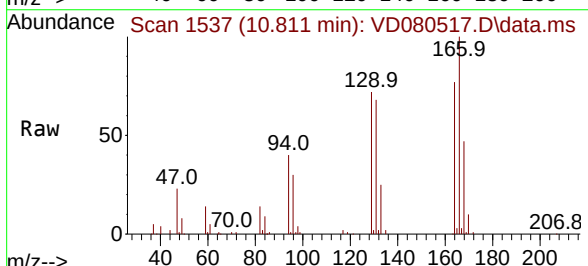
Instrument :
MSVOA_D
ClientSampleId :



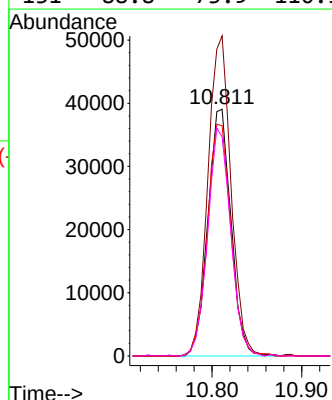
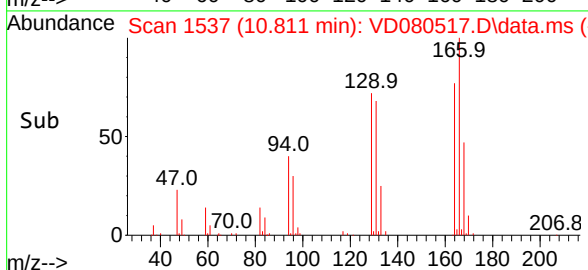
Tgt Ion:117 Resp: 523607
Ion Ratio Lower Upper
117 100
82 56.4 43.8 65.6
119 33.2 26.1 39.1

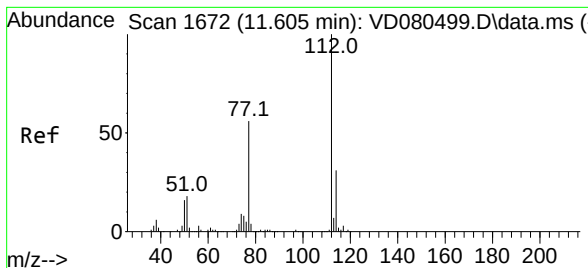


#64
Tetrachloroethene
Concen: 21.587 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50



Tgt Ion:164 Resp: 69805
Ion Ratio Lower Upper
164 100
166 129.7 103.1 154.7
129 93.4 76.2 114.2
131 88.8 73.9 110.9

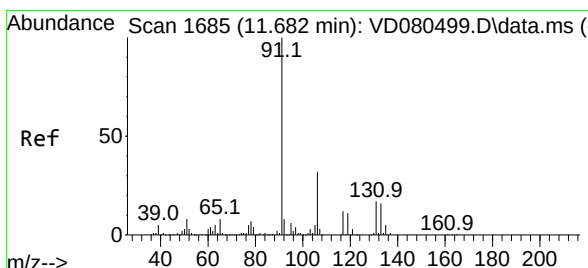
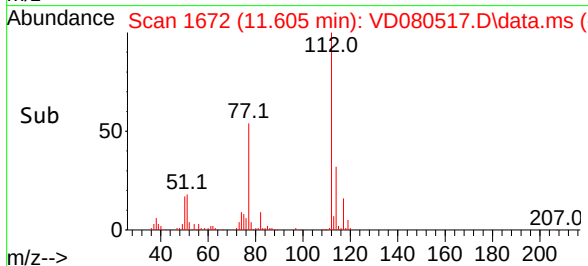
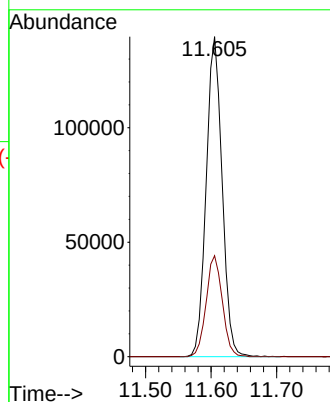
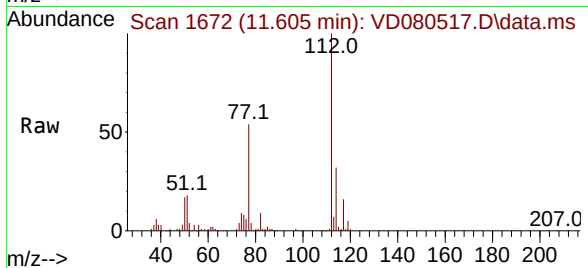




#65
Chlorobenzene
Concen: 21.144 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

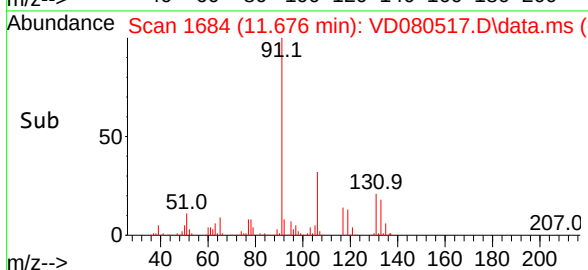
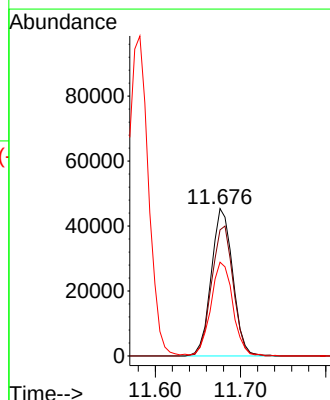
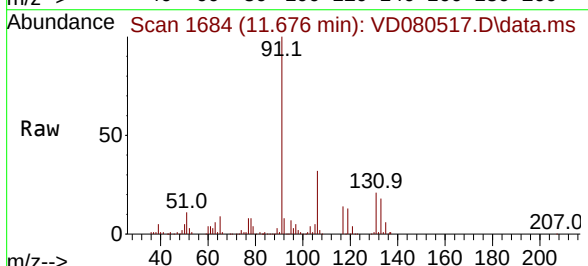
Instrument :
MSVOA_D
ClientSampleId :

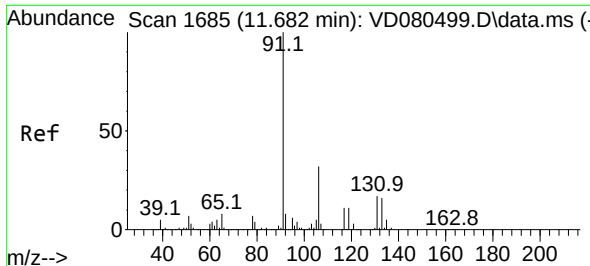
Tgt Ion:112 Resp: 235920
Ion Ratio Lower Upper
112 100
114 31.5 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.311 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

Tgt Ion:131 Resp: 79402
Ion Ratio Lower Upper
131 100
133 89.3 47.8 143.3
119 65.2 34.6 103.9





#67

Ethyl Benzene

Concen: 21.089 ug/l

RT: 11.682 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080517.D

Acq: 05 Sep 2025 10:50

Instrument :

MSVOA_D

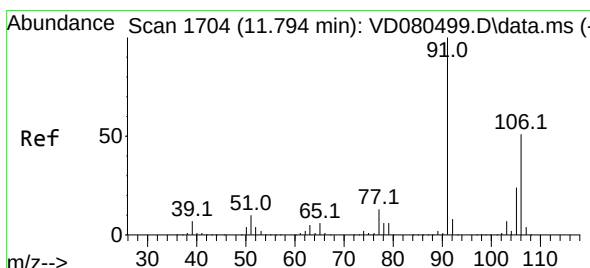
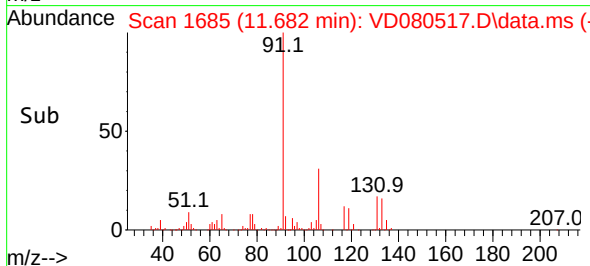
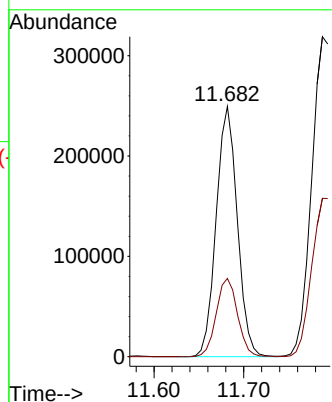
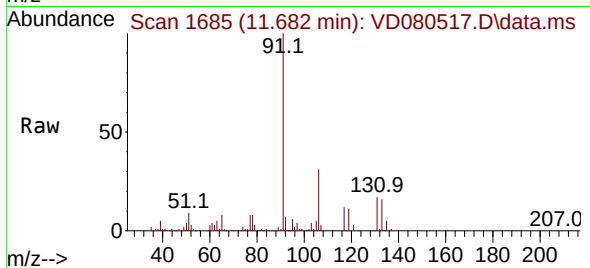
ClientSampleId :

Tgt Ion: 91 Resp: 407279

Ion Ratio Lower Upper

91 100

106 31.3 25.4 38.0



#68

m/p-Xylenes

Concen: 41.903 ug/l

RT: 11.788 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VD080517.D

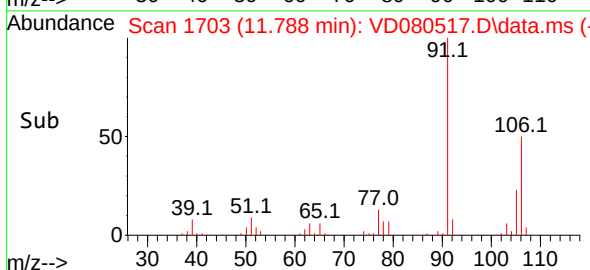
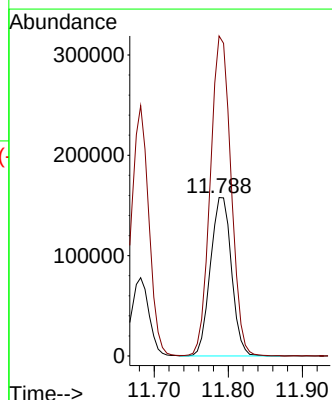
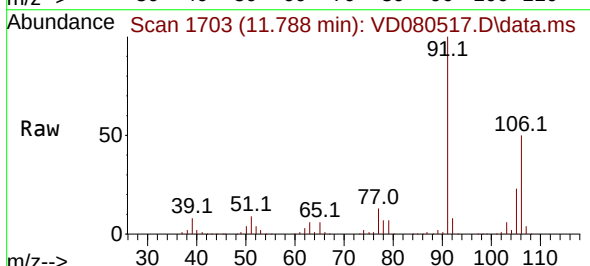
Acq: 05 Sep 2025 10:50

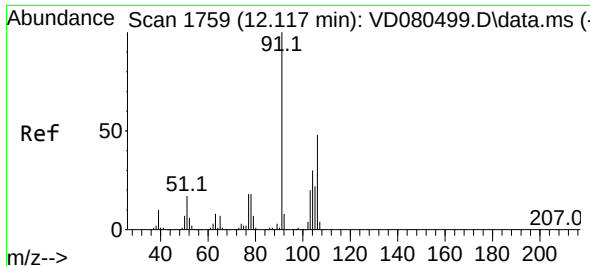
Tgt Ion: 106 Resp: 311593

Ion Ratio Lower Upper

106 100

91 199.4 158.5 237.7

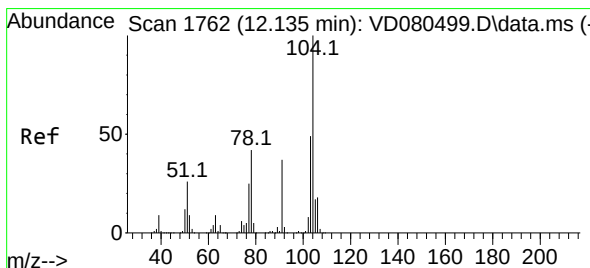
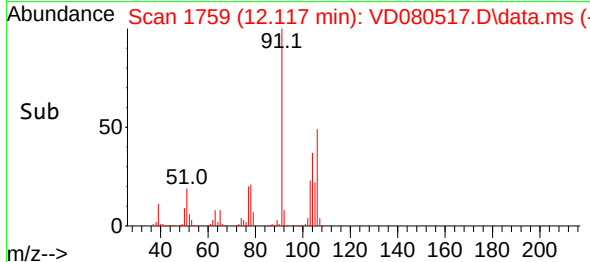
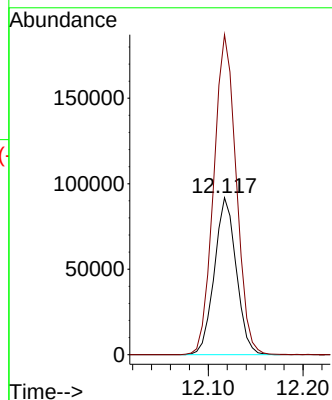
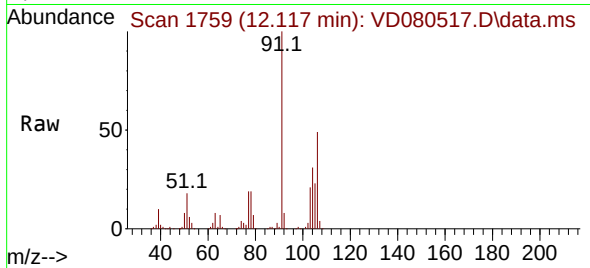




#69
o-Xylene
Concen: 20.779 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

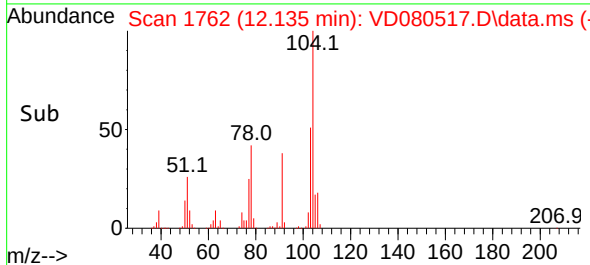
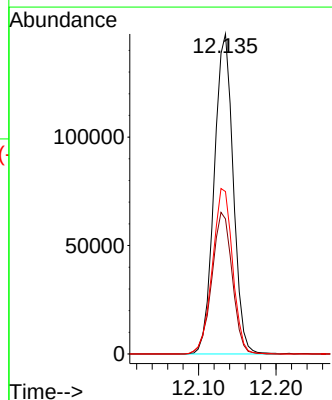
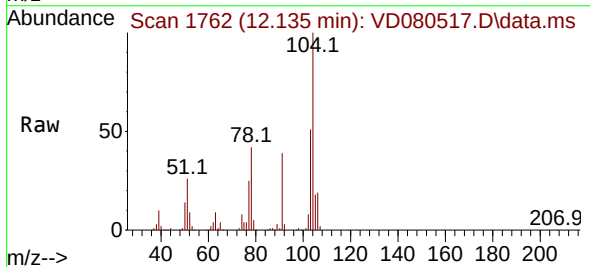
Instrument :
MSVOA_D
ClientSampleId :

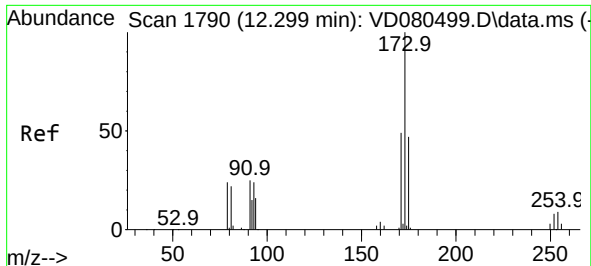
Tgt Ion:106 Resp: 147452
Ion Ratio Lower Upper
106 100
91 210.0 105.3 315.8



#70
Styrene
Concen: 20.804 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

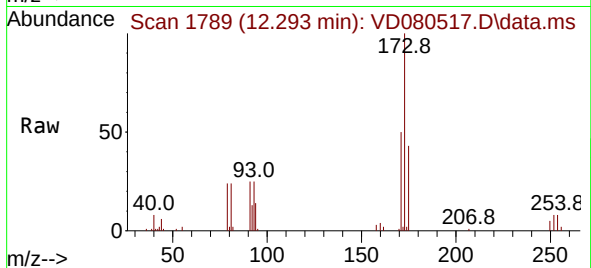
Tgt Ion:104 Resp: 251146
Ion Ratio Lower Upper
104 100
78 47.3 37.9 56.9
103 54.9 43.5 65.3



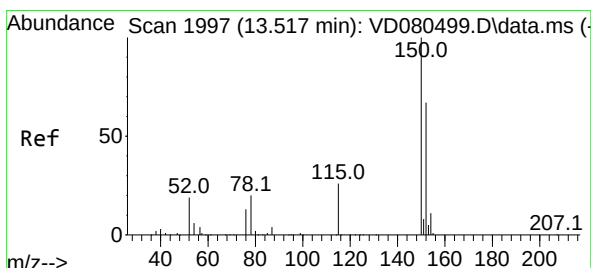
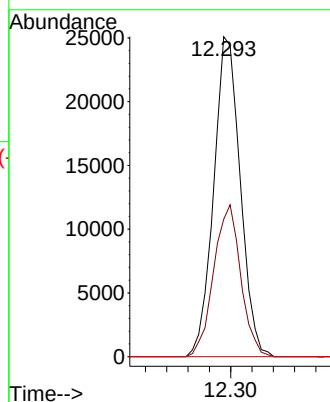
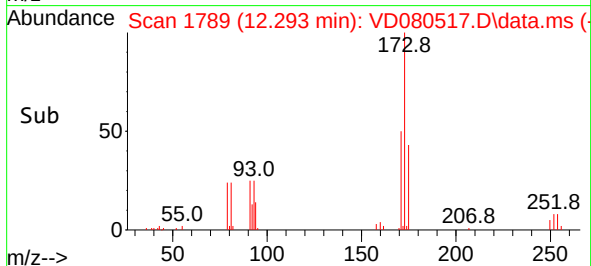


#71
Bromoform
Concen: 21.449 ug/l
RT: 12.293 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

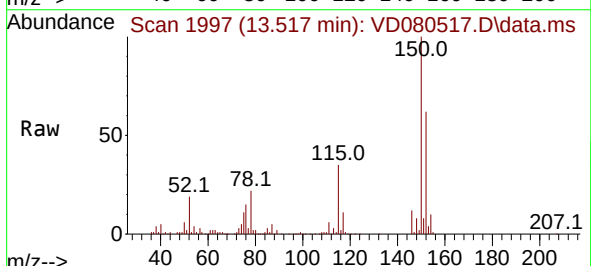
Instrument :
MSVOA_D
ClientSampleId :



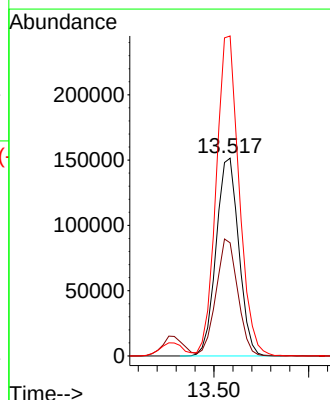
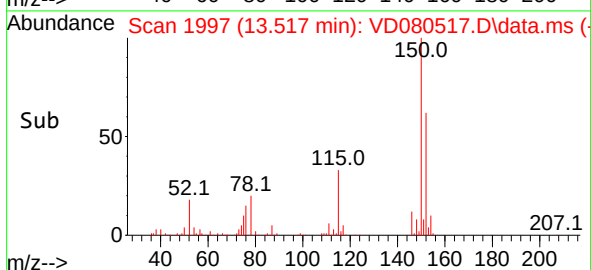
Tgt Ion:173 Resp: 43385
Ion Ratio Lower Upper
173 100
175 48.3 23.9 71.7
254 0.0 0.0 0.0

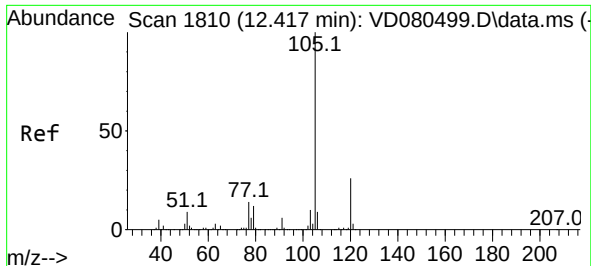


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50



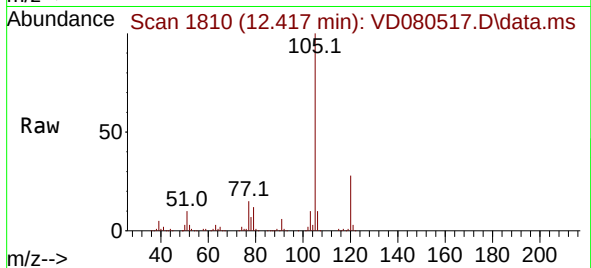
Tgt Ion:152 Resp: 251473
Ion Ratio Lower Upper
152 100
115 56.9 29.0 87.0
150 164.3 0.0 345.0



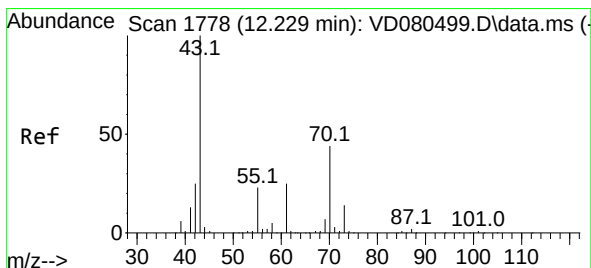
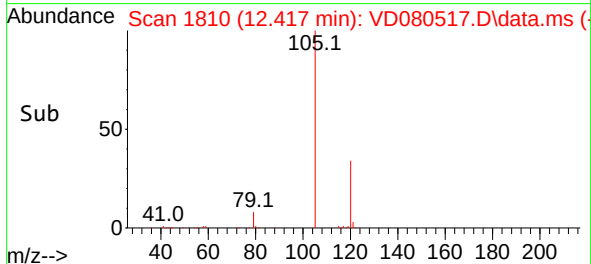
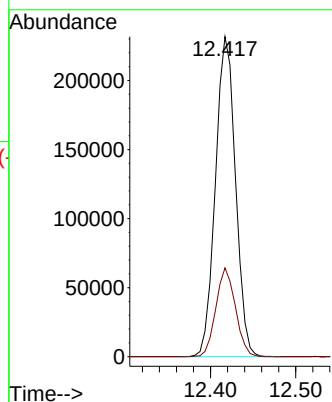


#73
Isopropylbenzene
Concen: 20.601 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

Instrument :
MSVOA_D
ClientSampleId :

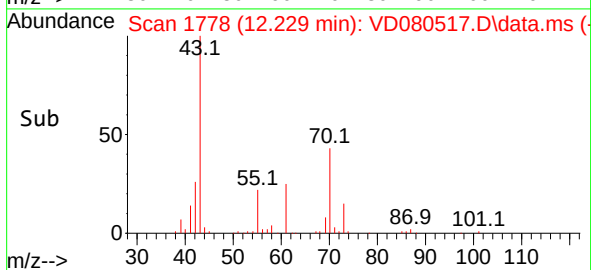
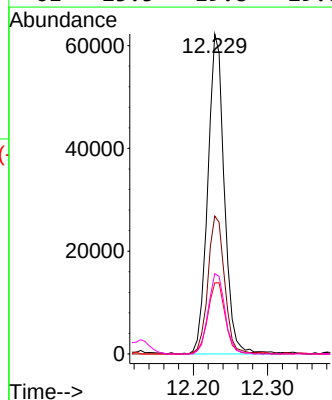
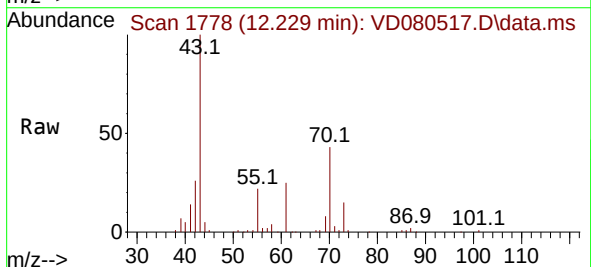


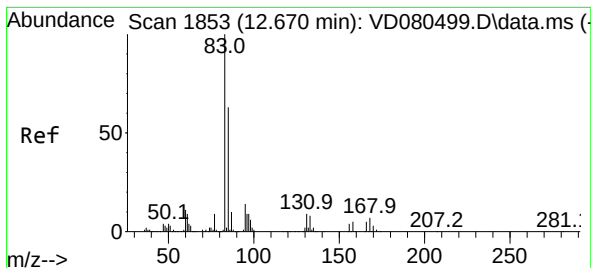
Tgt Ion:105 Resp: 379564
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4



#74
N-ethyl acetate
Concen: 19.711 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

Tgt Ion: 43 Resp: 96373
Ion Ratio Lower Upper
43 100
70 43.6 35.4 53.0
55 23.5 18.6 28.0
61 25.5 19.8 29.8

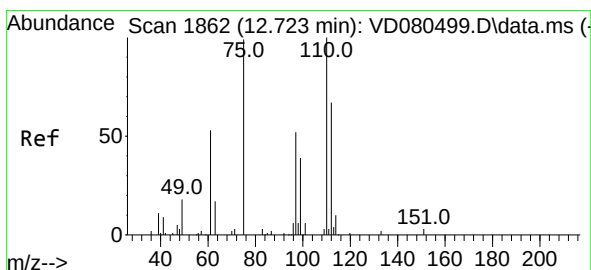
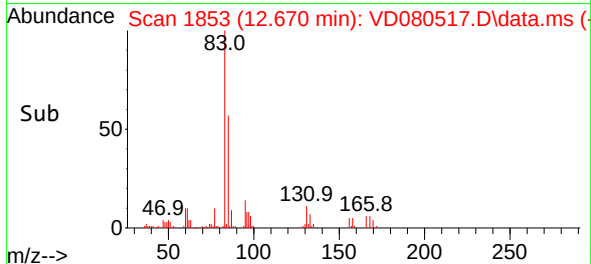
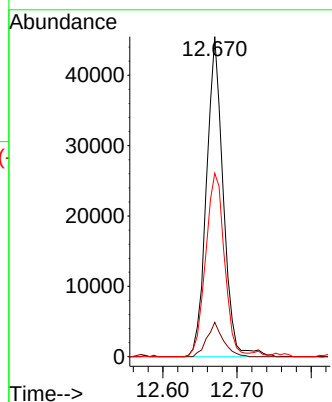
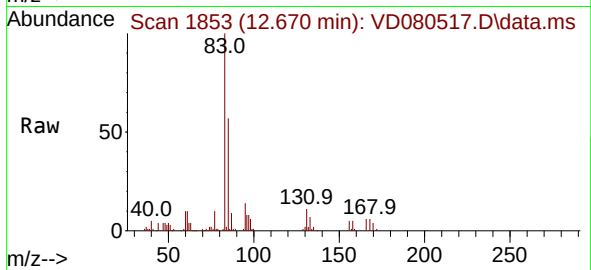




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.878 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VD080517.D
 Acq: 05 Sep 2025 10:50

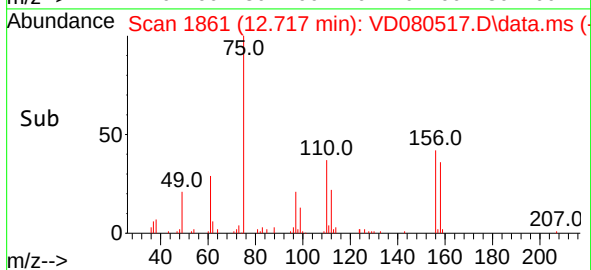
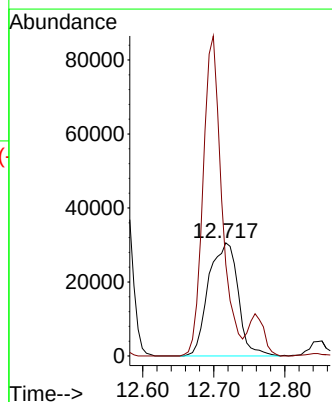
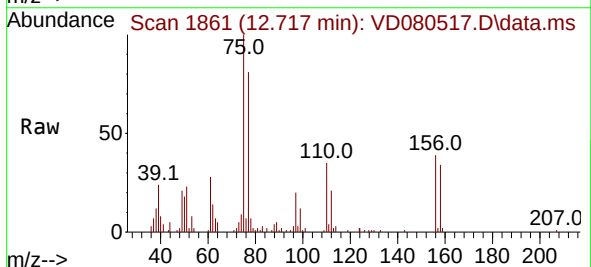
Instrument :
 MSVOA_D
 ClientSampleId :

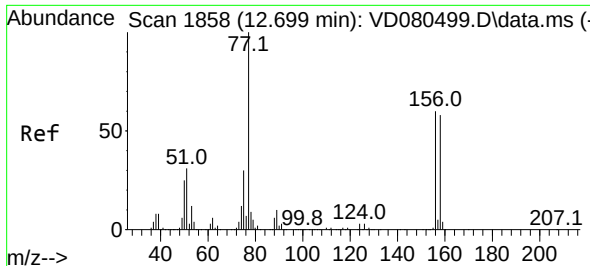
Tgt Ion: 83 Resp: 71517
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.0 15.0
 85 64.1 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 42.926 ug/l
 RT: 12.717 min Scan# 1861
 Delta R.T. -0.006 min
 Lab File: VD080517.D
 Acq: 05 Sep 2025 10:50

Tgt Ion: 75 Resp: 88102
 Ion Ratio Lower Upper
 75 100
 77 181.1 0.0 0.0#

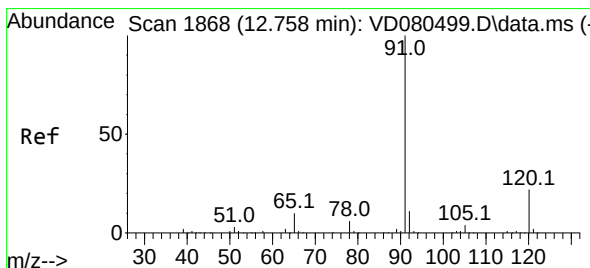
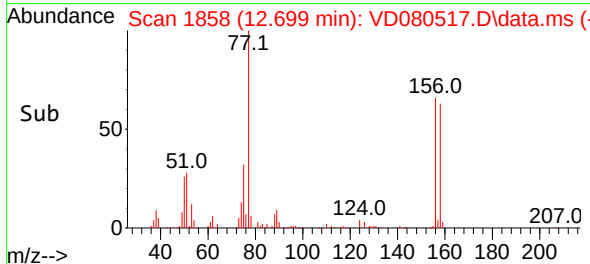
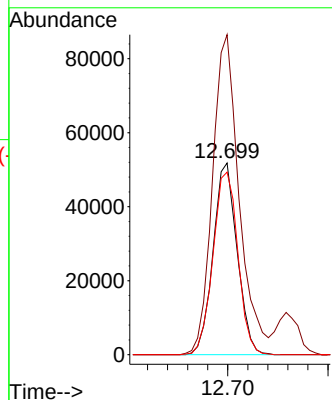
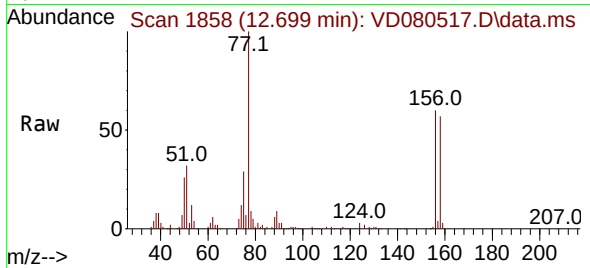




#77
Bromobenzene
Concen: 20.239 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

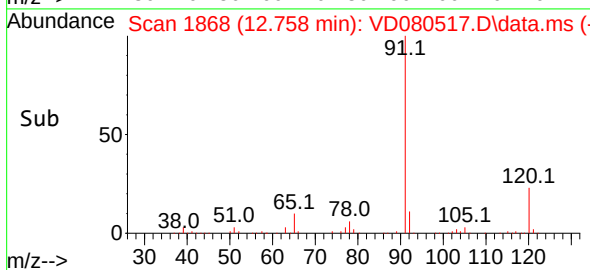
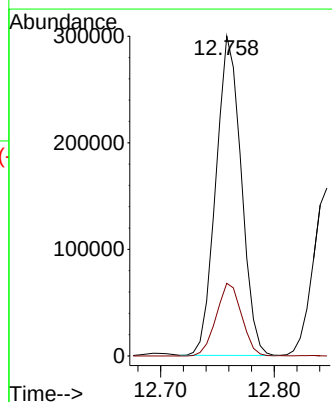
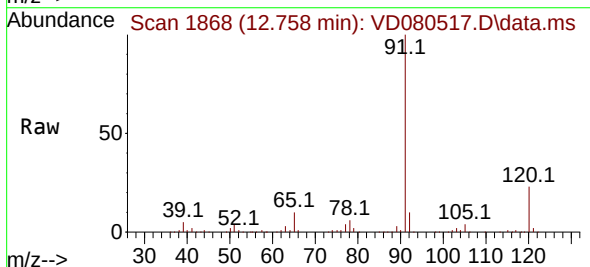
Instrument :
MSVOA_D
ClientSampleId :

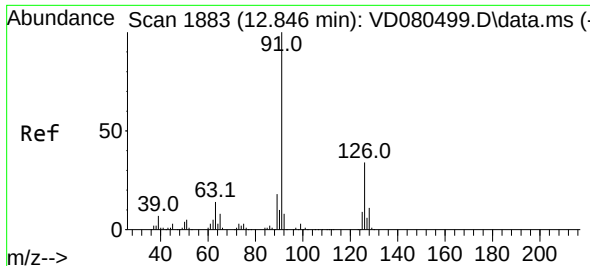
Tgt Ion:156 Resp: 86279
Ion Ratio Lower Upper
156 100
77 184.9 92.5 277.3
158 98.6 47.9 143.6



#78
n-propylbenzene
Concen: 20.768 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

Tgt Ion: 91 Resp: 464642
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.9

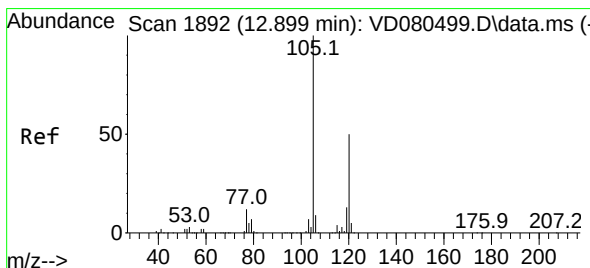
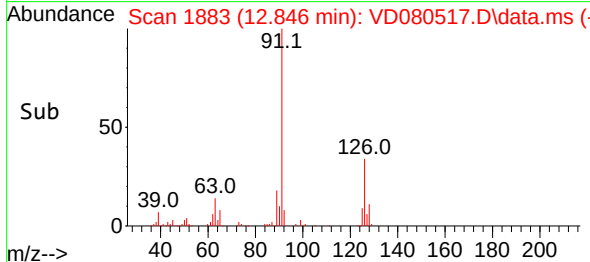
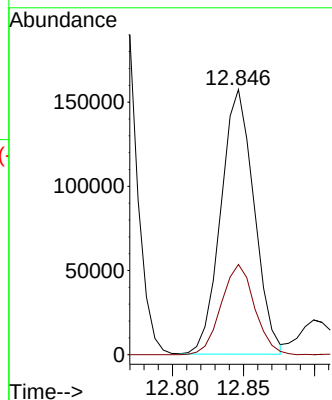
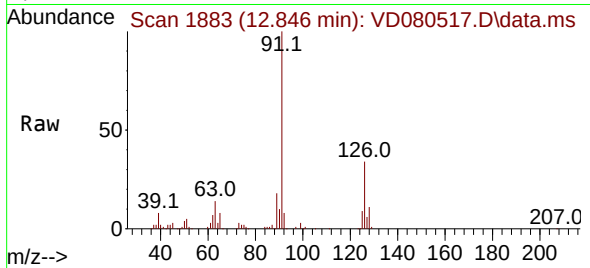




#79
2-Chlorotoluene
Concen: 20.111 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

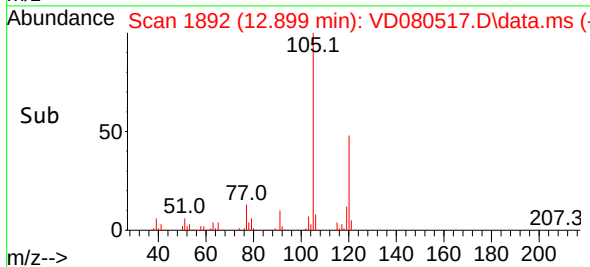
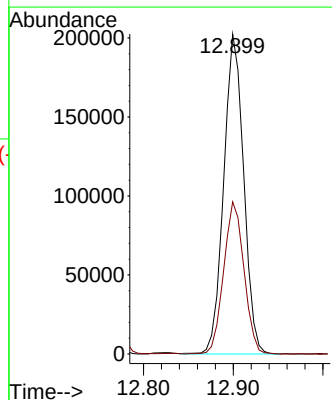
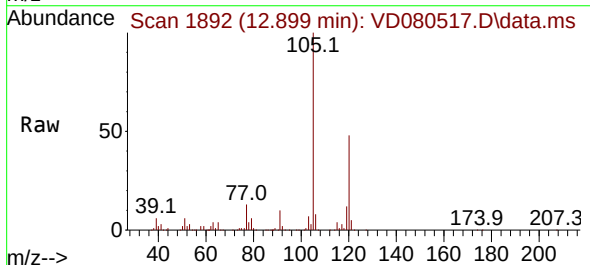
Instrument :
MSVOA_D
ClientSampleId :

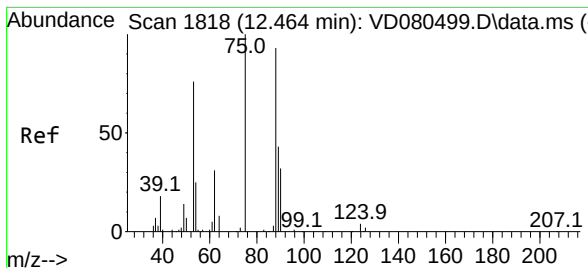
Tgt Ion: 91 Resp: 256384
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 20.858 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

Tgt Ion: 105 Resp: 312274
Ion Ratio Lower Upper
105 100
120 48.4 24.7 74.1

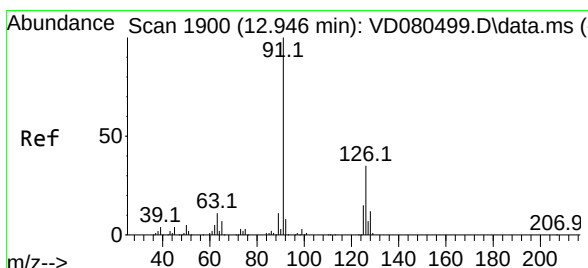
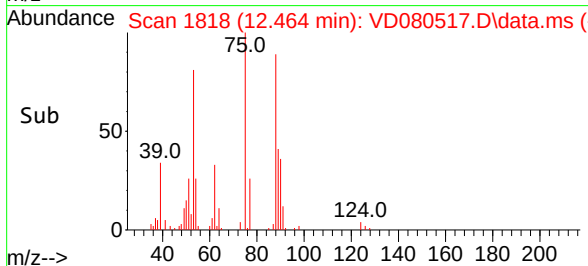
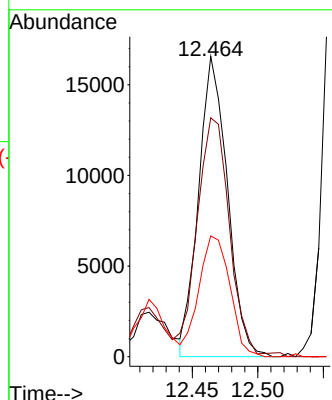
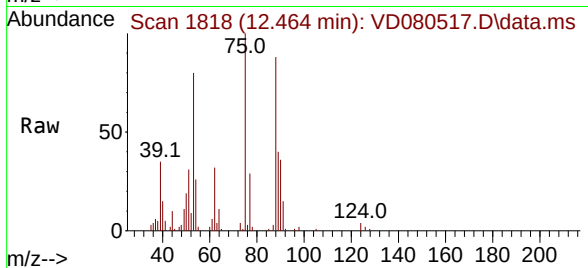




#81
trans-1,4-Dichloro-2-butene
Concen: 18.778 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

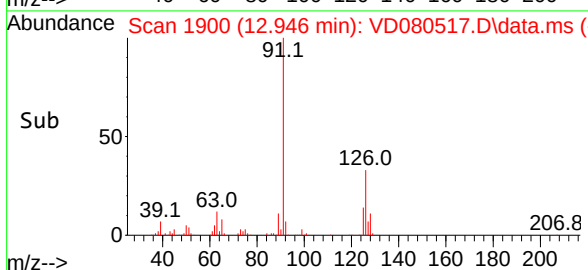
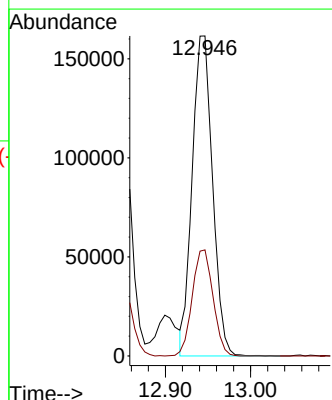
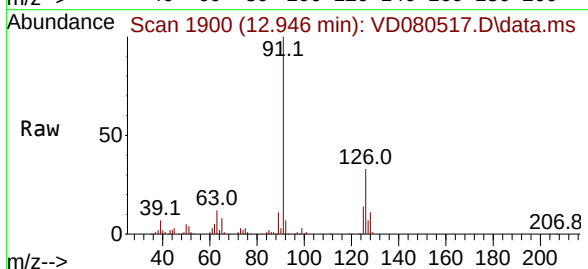
Instrument :
MSVOA_D
ClientSampleId :

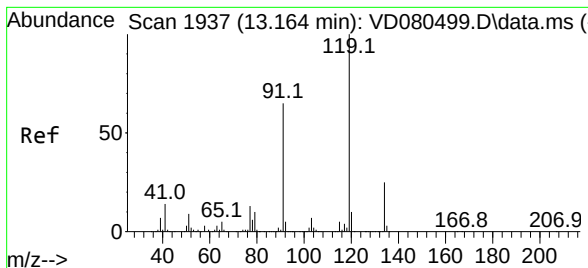
Tgt Ion: 75 Resp: 25393
Ion Ratio Lower Upper
75 100
53 90.0 61.9 92.9
89 43.3 34.6 52.0



#82
4-Chlorotoluene
Concen: 20.446 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

Tgt Ion: 91 Resp: 268118
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.7





#83

tert-Butylbenzene

Concen: 21.120 ug/l

RT: 13.164 min Scan# 1937

Delta R.T. -0.000 min

Lab File: VD080517.D

Acq: 05 Sep 2025 10:50

Instrument :

MSVOA_D

ClientSampleId :

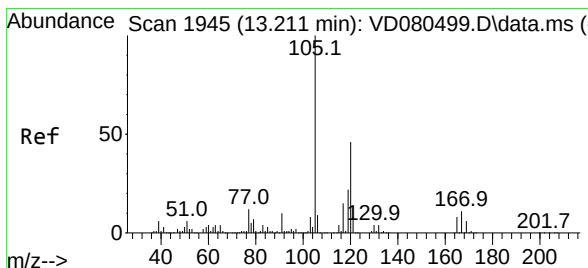
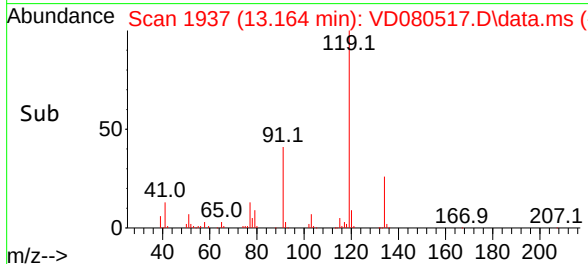
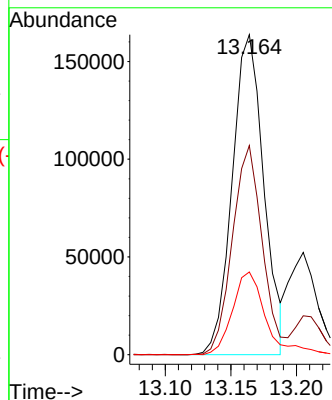
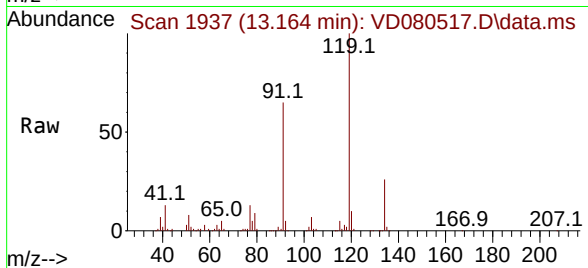
Tgt Ion:119 Resp: 274347

Ion Ratio Lower Upper

119 100

91 62.5 32.0 96.0

134 27.3 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 20.683 ug/l

RT: 13.205 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VD080517.D

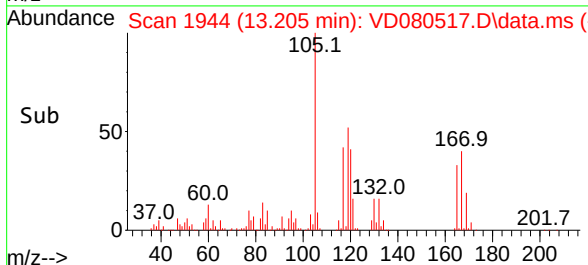
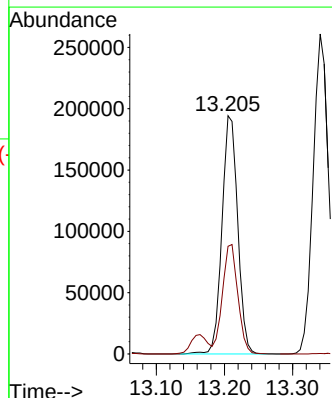
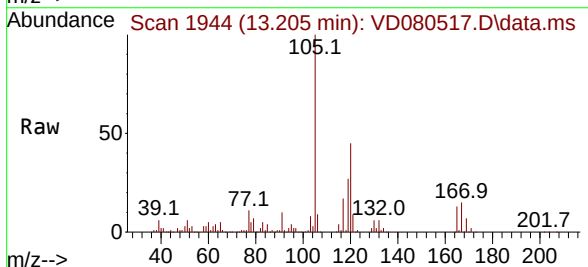
Acq: 05 Sep 2025 10:50

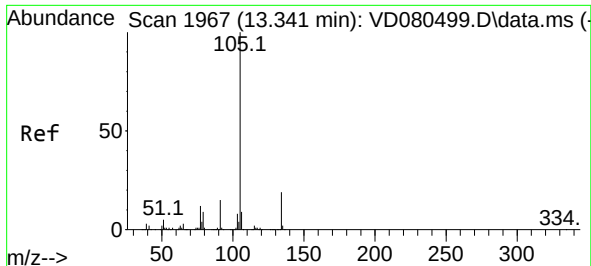
Tgt Ion:105 Resp: 311788

Ion Ratio Lower Upper

105 100

120 44.9 22.5 67.5

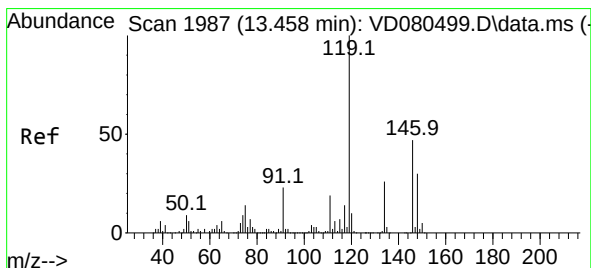
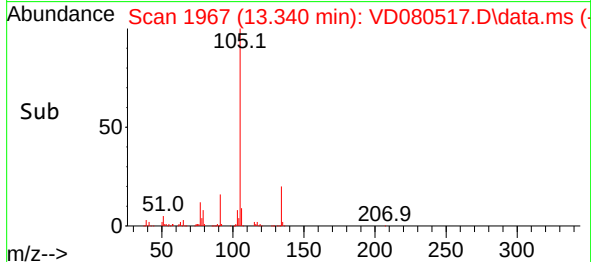
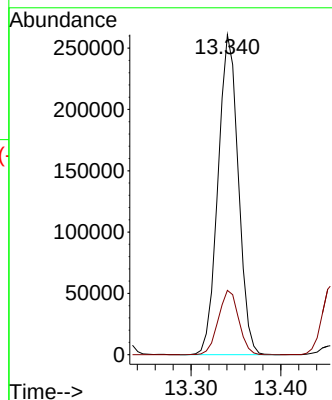
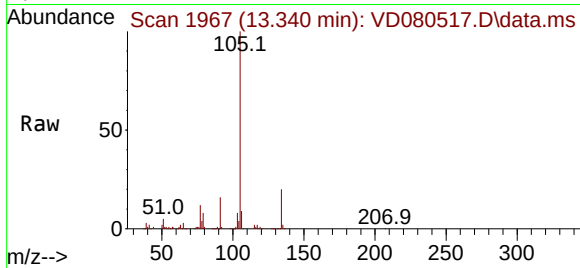




#85
 sec-Butylbenzene
 Concen: 21.104 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. -0.000 min
 Lab File: VD080517.D
 Acq: 05 Sep 2025 10:50

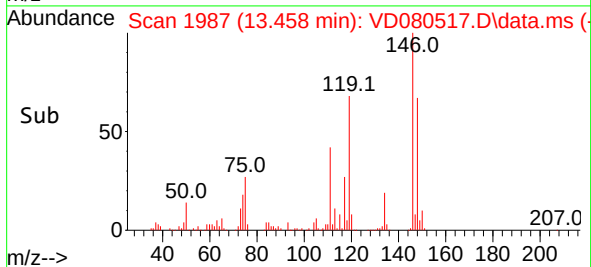
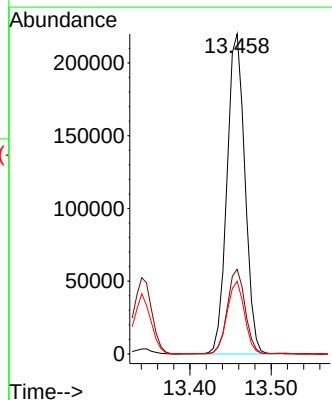
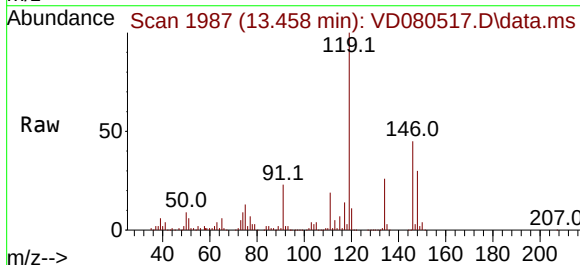
Instrument :
 MSVOA_D
 ClientSampleId :

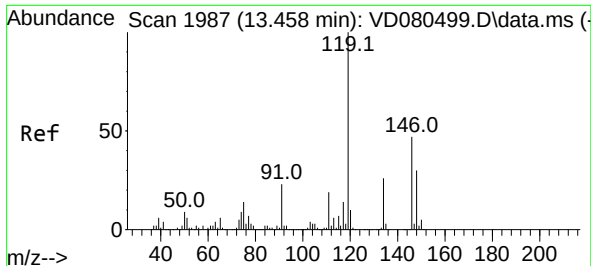
Tgt Ion:105 Resp: 409139
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 20.804 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080517.D
 Acq: 05 Sep 2025 10:50

Tgt Ion:119 Resp: 337384
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 22.1 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 20.865 ug/l

RT: 13.452 min Scan# 1987

Delta R.T. -0.006 min

Lab File: VD080517.D

Acq: 05 Sep 2025 10:50

Instrument :

MSVOA_D

ClientSampleId :

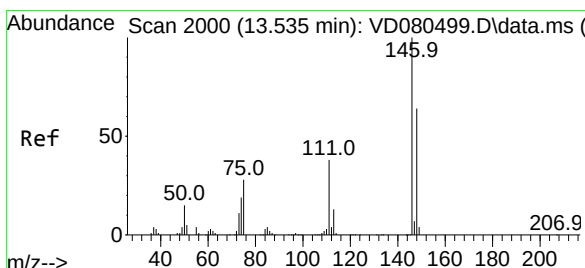
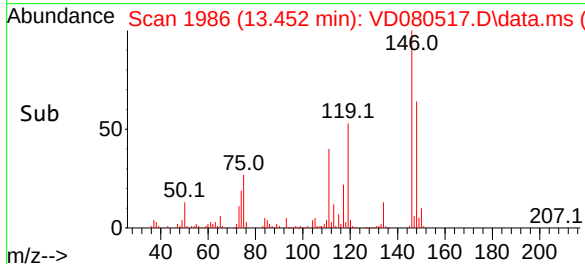
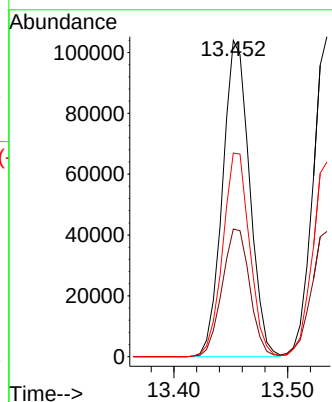
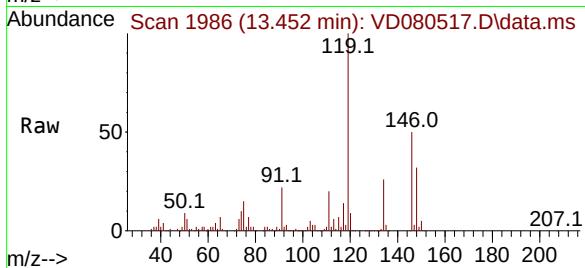
Tgt Ion:146 Resp: 171500

Ion Ratio Lower Upper

146 100

111 41.4 19.9 59.6

148 64.1 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 20.979 ug/l

RT: 13.535 min Scan# 2000

Delta R.T. -0.000 min

Lab File: VD080517.D

Acq: 05 Sep 2025 10:50

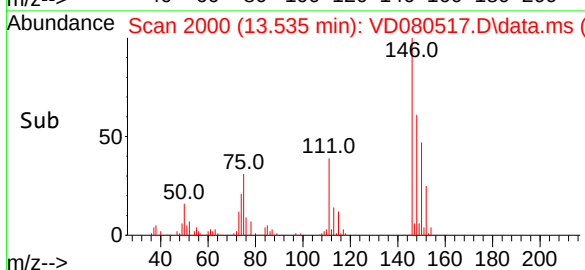
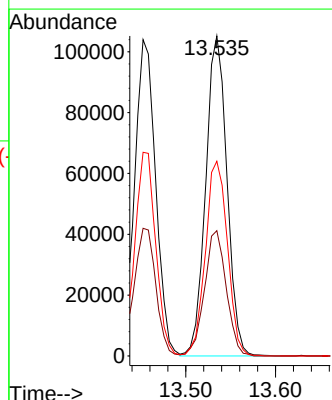
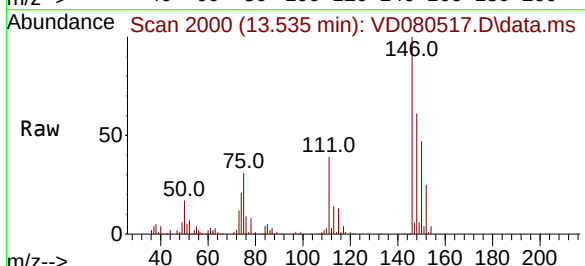
Tgt Ion:146 Resp: 173152

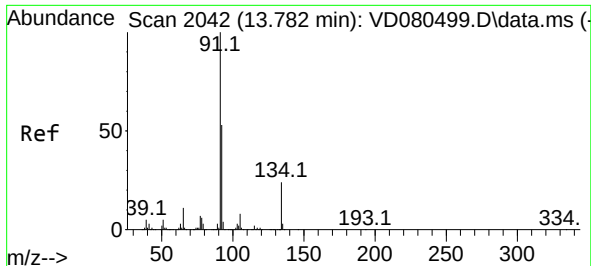
Ion Ratio Lower Upper

146 100

111 40.1 19.4 58.1

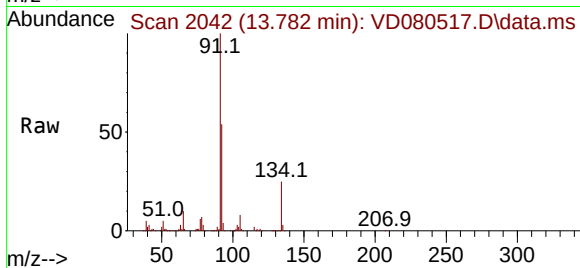
148 63.1 32.1 96.5



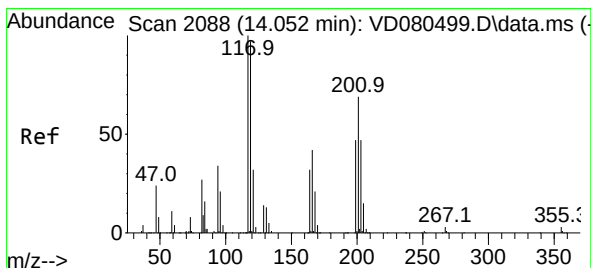
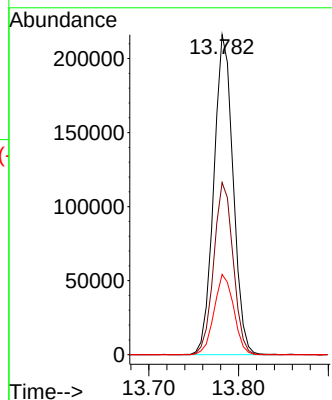
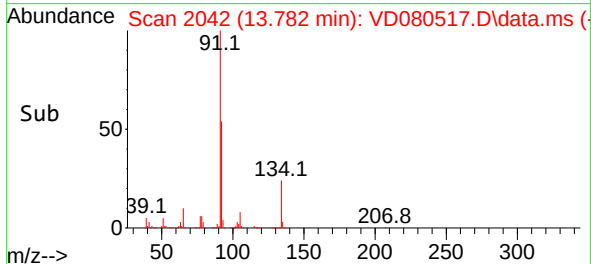


#89
n-Butylbenzene
Concen: 20.896 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

Instrument :
MSVOA_D
ClientSampleId :

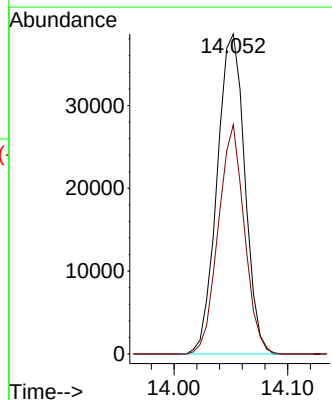
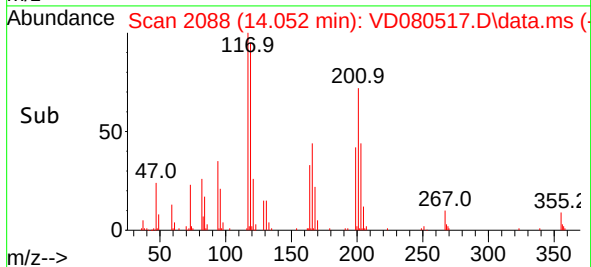
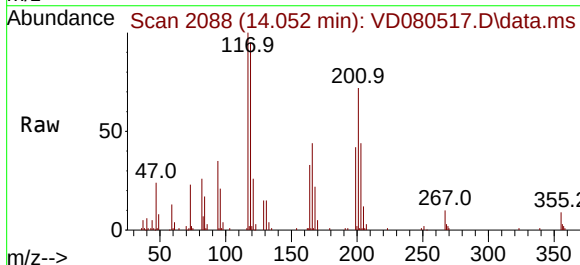


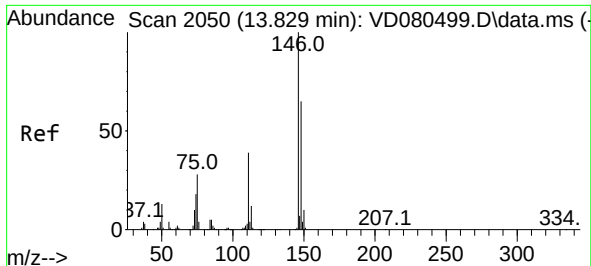
Tgt Ion: 91 Resp: 322813
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.8
134 25.5 12.4 37.2



#90
Hexachloroethane
Concen: 20.845 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

Tgt Ion: 117 Resp: 65388
Ion Ratio Lower Upper
117 100
201 67.5 34.6 103.8

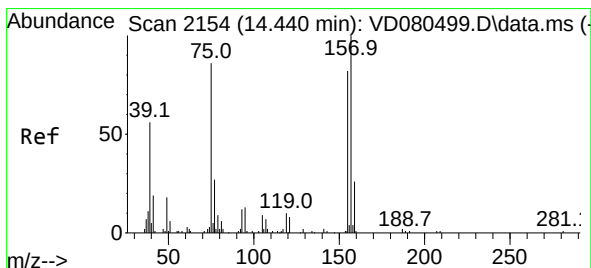
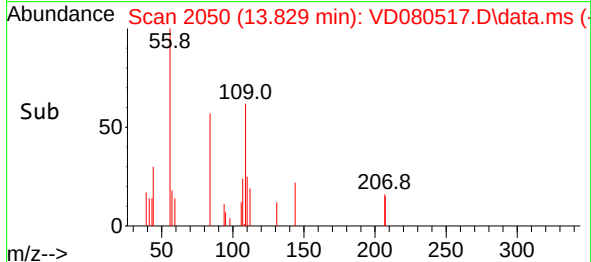
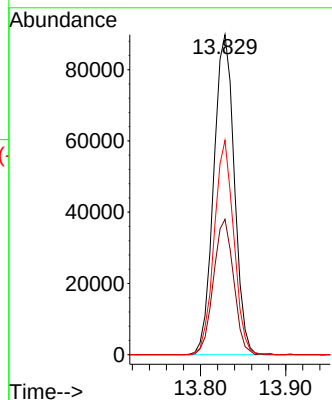
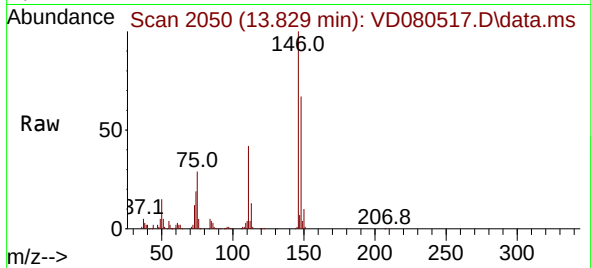




#91
1,2-Dichlorobenzene
Concen: 20.588 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

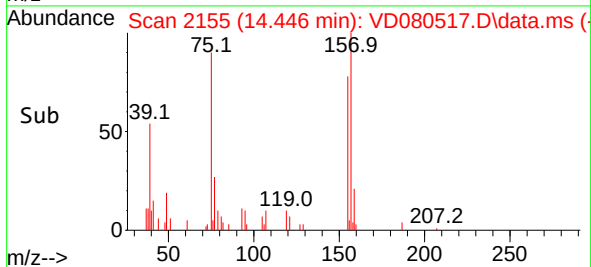
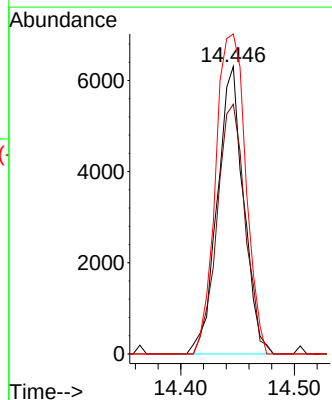
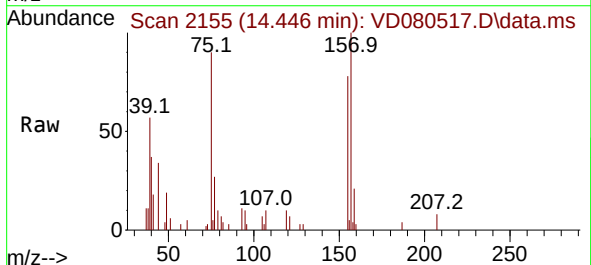
Instrument :
MSVOA_D
ClientSampleId :

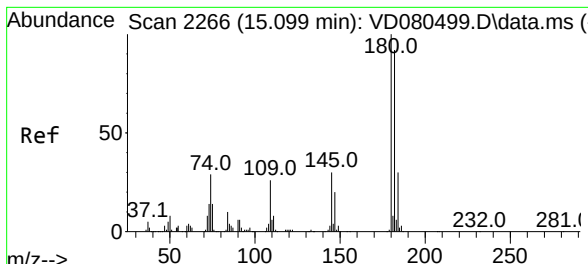
Tgt Ion:146 Resp: 150590
Ion Ratio Lower Upper
146 100
111 41.4 20.7 62.1
148 64.1 31.5 94.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.749 ug/l
RT: 14.446 min Scan# 2155
Delta R.T. 0.006 min
Lab File: VD080517.D
Acq: 05 Sep 2025 10:50

Tgt Ion: 75 Resp: 10152
Ion Ratio Lower Upper
75 100
155 92.9 47.5 142.6
157 127.3 56.8 170.3

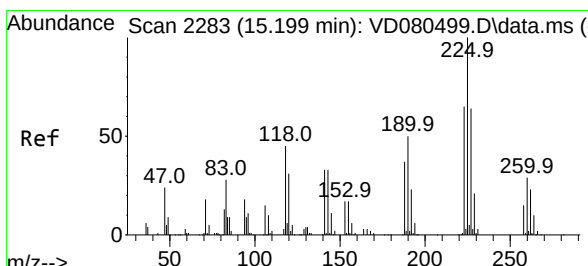
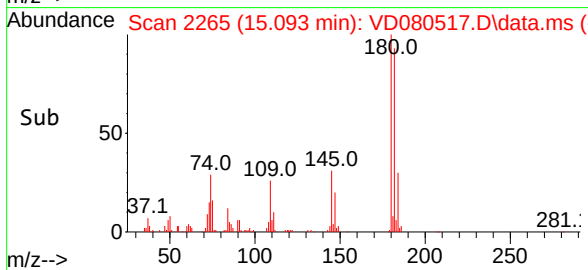
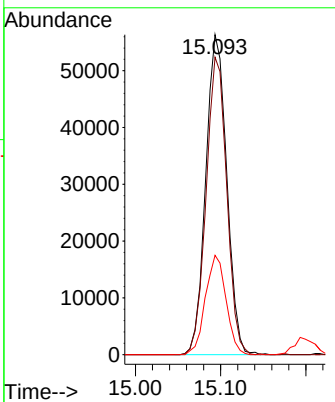
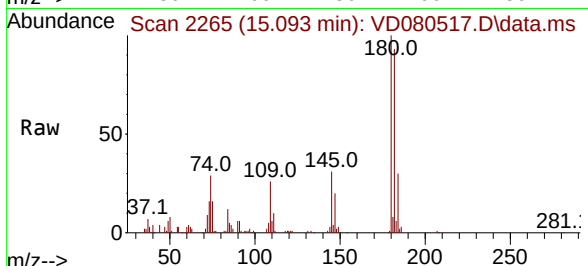




#93
 1,2,4-Trichlorobenzene
 Concen: 21.042 ug/l
 RT: 15.093 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD080517.D
 Acq: 05 Sep 2025 10:50

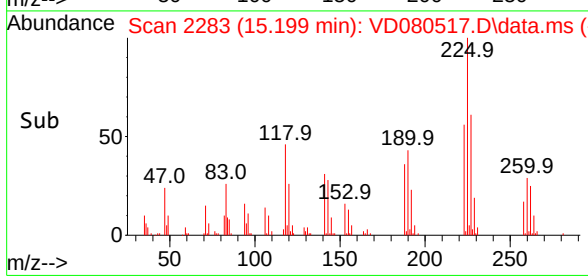
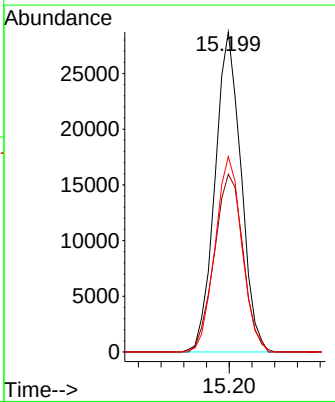
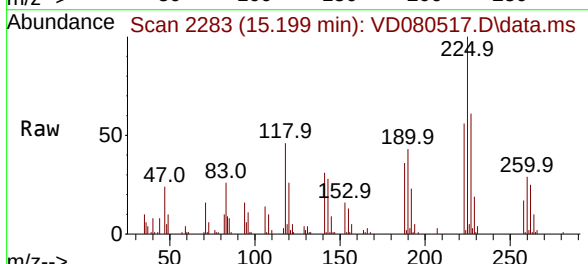
Instrument :
 MSVOA_D
 ClientSampleId :

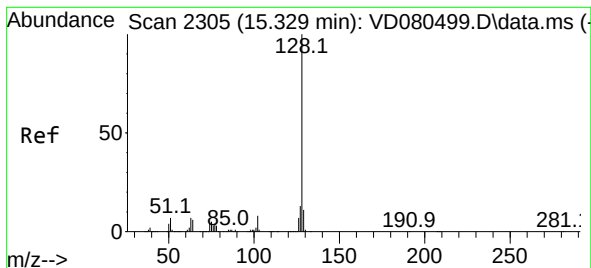
Tgt Ion:	180	Resp:	96426
Ion Ratio	Lower	Upper	
180	100		
182	91.4	47.5	142.5
145	30.5	15.7	47.0



#94
 Hexachlorobutadiene
 Concen: 21.897 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. -0.000 min
 Lab File: VD080517.D
 Acq: 05 Sep 2025 10:50

Tgt Ion:	225	Resp:	45608
Ion Ratio	Lower	Upper	
225	100		
223	61.5	31.9	95.7
227	63.1	32.0	96.2





#95

Naphthalene

Concen: 20.103 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. -0.000 min

Lab File: VD080517.D

Acq: 05 Sep 2025 10:50

Instrument :

MSVOA_D

ClientSampleId :

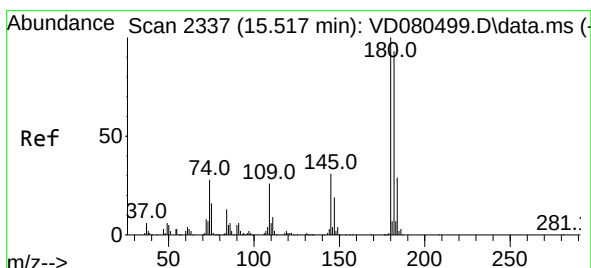
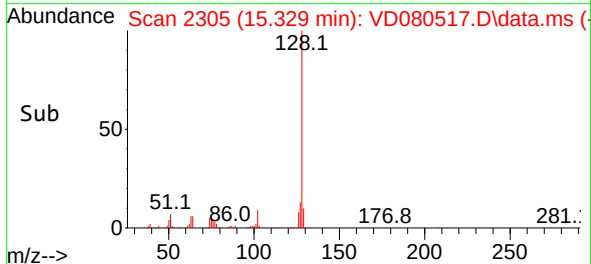
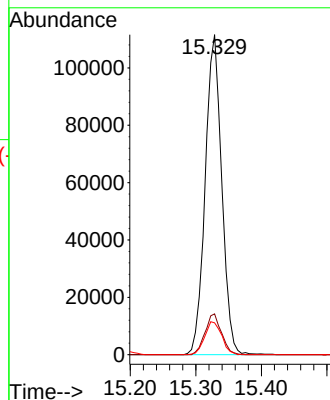
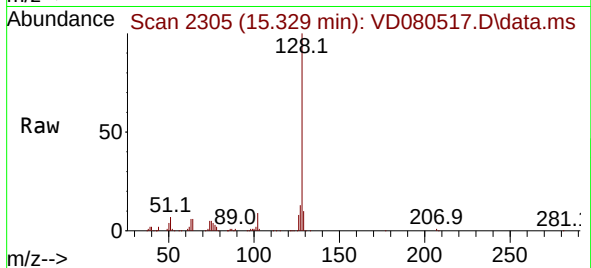
Tgt Ion:128 Resp: 195969

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.0 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 21.223 ug/l

RT: 15.511 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VD080517.D

Acq: 05 Sep 2025 10:50

Tgt Ion:180 Resp: 83257

Ion Ratio Lower Upper

180 100

182 94.5 47.5 142.5

145 33.4 16.2 48.5

