

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090525\
 Data File : VD080519.D
 Acq On : 05 Sep 2025 11:55
 Operator : RP/MD
 Sample : Q2893-03
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 06 03:44:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 06 03:43:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	337314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	601783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.576	117	527661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	251092	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.229	65	166122	43.652	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.300%
35) Dibromofluoromethane	7.806	113	171999	43.191	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.380%
50) Toluene-d8	10.270	98	678495	43.161	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.320%
62) 4-Bromofluorobenzene	12.570	95	209802	40.979	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.960%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.935	85	10488	3.652	ug/l	100
3) Chloromethane	2.147	50	16087	3.549	ug/l	98
4) Vinyl Chloride	2.282	62	17606	3.763	ug/l	100
5) Bromomethane	2.688	94	12155	4.623	ug/l	98
6) Chloroethane	2.835	64	13999	4.584	ug/l	96
7) Trichlorofluoromethane	3.176	101	19949	3.661	ug/l	96
8) Diethyl Ether	3.594	74	7610	3.524	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.976	101	13271	3.753	ug/l	96
10) Methyl Iodide	4.171	142	11739	2.876	ug/l	98
11) Tert butyl alcohol	5.059	59	6050	21.968	ug/l #	83
12) 1,1-Dichloroethene	3.941	96	12505	3.395	ug/l	97
14) Allyl chloride	4.565	41	21071	3.296	ug/l	93
15) Acrylonitrile	5.265	53	17205	17.892	ug/l	97
16) Acetone	4.023	43	24220	27.185	ug/l	93
17) Carbon Disulfide	4.271	76	37554	3.015	ug/l	98
18) Methyl Acetate	4.570	43	11717	4.673	ug/l	97
19) Methyl tert-butyl Ether	5.317	73	32929	3.407	ug/l	94
20) Methylene Chloride	4.794	84	26279	5.369	ug/l	90
21) trans-1,2-Dichloroethene	5.317	96	15556	3.689	ug/l	91
22) Diisopropyl ether	6.212	45	46121	3.505	ug/l	96
23) Vinyl Acetate	6.159	43	113357	15.141	ug/l	95
24) 1,1-Dichloroethane	6.106	63	27647	3.630	ug/l	93
25) 2-Butanone	7.082	43	28428	22.534	ug/l	92
26) 2,2-Dichloropropane	7.076	77	22400	3.715	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	18051	3.587	ug/l	96
28) Bromochloromethane	7.423	49	11344	3.655	ug/l	93
29) Tetrahydrofuran	7.447	42	15222	19.095	ug/l	98
30) Chloroform	7.594	83	26648	3.659	ug/l	96
31) Cyclohexane	7.876	56	29632	4.157	ug/l #	74
32) 1,1,1-Trichloroethane	7.794	97	22941	3.783	ug/l	97
36) 1,1-Dichloropropene	8.011	75	19729	3.741	ug/l	98
37) Ethyl Acetate	7.170	43	7907	3.118	ug/l #	93
38) Carbon Tetrachloride	7.988	117	18914	3.768	ug/l	87
39) Methylcyclohexane	9.270	83	24953	3.555	ug/l	99
40) Benzene	8.253	78	61736	3.678	ug/l	92
41) Methacrylonitrile	7.412	41	5311	3.528	ug/l	89

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.329	62	15159	3.729	ug/l	95
43) Isopropyl Acetate	8.359	43	19430	3.766	ug/l #	86
44) Trichloroethene	9.023	130	15258	3.747	ug/l	81
45) 1,2-Dichloropropane	9.306	63	14603	3.508	ug/l	100
46) Dibromomethane	9.400	93	8397	3.766	ug/l	98
47) Bromodichloromethane	9.582	83	21063	3.875	ug/l #	93
48) Methyl methacrylate	9.382	41	9164	3.583	ug/l	96
49) 1,4-Dioxane	9.394	88	2185	79.258	ug/l #	92
51) 4-Methyl-2-Pentanone	10.158	43	48875	18.994	ug/l	100
52) Toluene	10.329	92	37771	3.609	ug/l	96
53) t-1,3-Dichloropropene	10.553	75	19762	3.567	ug/l	100
54) cis-1,3-Dichloropropene	10.017	75	23297	3.516	ug/l	95
55) 1,1,2-Trichloroethane	10.729	97	11134	3.724	ug/l	93
56) Ethyl methacrylate	10.600	69	14189	3.406	ug/l #	94
57) 1,3-Dichloropropane	10.882	76	19098	3.640	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	29251	18.146	ug/l	100
59) 2-Hexanone	10.923	43	37680	20.609	ug/l	98
60) Dibromochloromethane	11.070	129	14743	3.913	ug/l	100
61) 1,2-Dibromoethane	11.176	107	10581	3.719	ug/l	98
64) Tetrachloroethene	10.805	164	12515	3.841	ug/l	92
65) Chlorobenzene	11.605	112	43543	3.872	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.682	131	13621	3.798	ug/l	98
67) Ethyl Benzene	11.682	91	71413	3.669	ug/l	93
68) m/p-Xylenes	11.788	106	54655	7.293	ug/l	100
69) o-Xylene	12.117	106	26496	3.705	ug/l	100
70) Styrene	12.135	104	44704	3.675	ug/l	99
71) Bromoform	12.299	173	8596	4.217	ug/l #	99
73) Isopropylbenzene	12.417	105	66791	3.631	ug/l	100
74) N-amyl acetate	12.229	43	18092	3.706	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.670	83	12579	3.678	ug/l	95
76) 1,2,3-Trichloropropane	12.723	75	16699	8.149	ug/l #	100
77) Bromobenzene	12.699	156	15831	3.719	ug/l	97
78) n-propylbenzene	12.758	91	82561	3.696	ug/l	99
79) 2-Chlorotoluene	12.847	91	46428	3.647	ug/l	97
80) 1,3,5-Trimethylbenzene	12.899	105	54271	3.630	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	4976	3.685	ug/l	93
82) 4-Chlorotoluene	12.941	91	48752	3.723	ug/l	95
83) tert-Butylbenzene	13.164	119	46775	3.606	ug/l	98
84) 1,2,4-Trimethylbenzene	13.205	105	55934	3.716	ug/l	100
85) sec-Butylbenzene	13.341	105	70103	3.621	ug/l	100
86) p-Isopropyltoluene	13.458	119	59425	3.670	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	32325	3.939	ug/l	98
88) 1,4-Dichlorobenzene	13.535	146	32381	3.929	ug/l	92
89) n-Butylbenzene	13.782	91	56334	3.652	ug/l	99
90) Hexachloroethane	14.052	117	11552	3.688	ug/l	99
91) 1,2-Dichlorobenzene	13.823	146	28618	3.919	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.446	75	2177	4.241	ug/l	92
93) 1,2,4-Trichlorobenzene	15.099	180	17778	3.885	ug/l	97
94) Hexachlorobutadiene	15.199	225	7800	3.750	ug/l	87
95) Naphthalene	15.329	128	37968	3.901	ug/l	98
96) 1,2,3-Trichlorobenzene	15.517	180	15765	4.025	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat Sep 06 03:43:14 2025
Response via : Initial Calibration

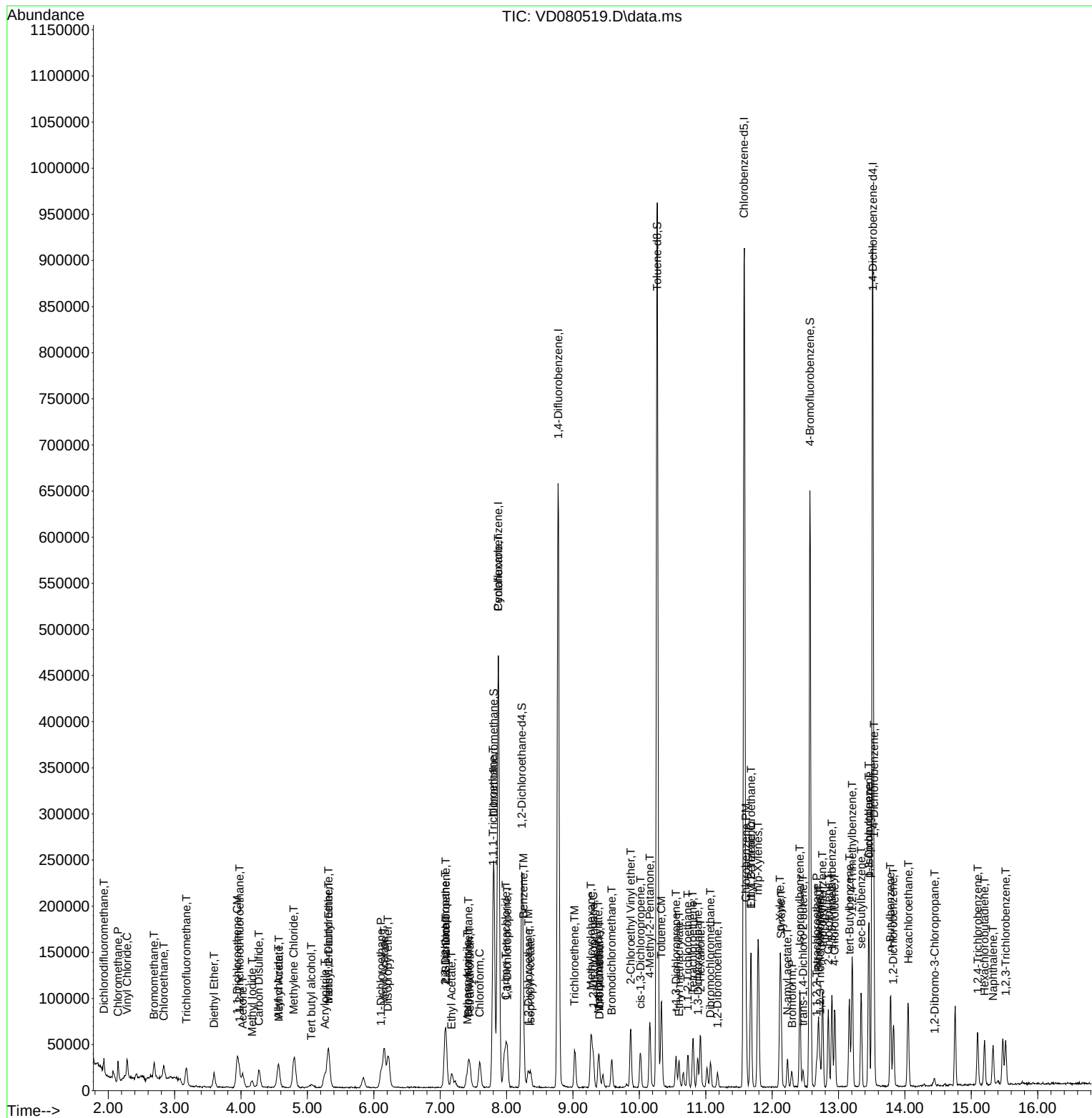
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

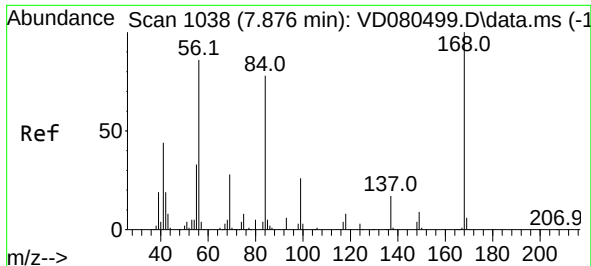
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080525\
 Data File : VD080519.D
 Acq On : 05 Sep 2025 11:55
 Operator : RP/MD
 Sample : Q2893-03
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 06 03:44:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 06 03:43:14 2025
 Response via : Initial Calibration

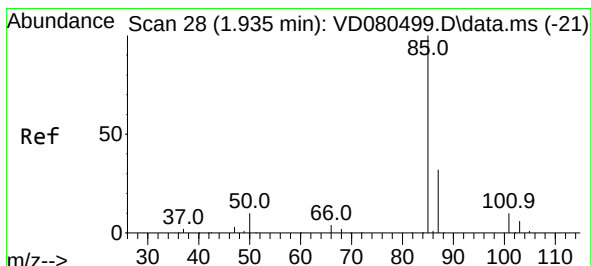
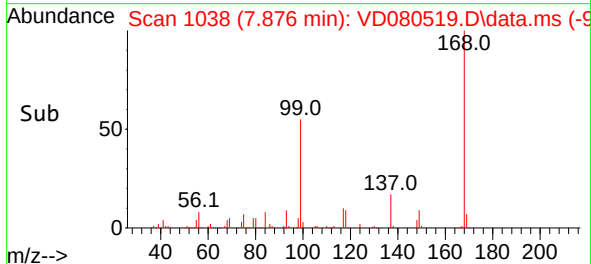
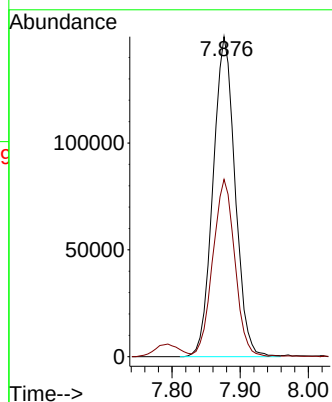
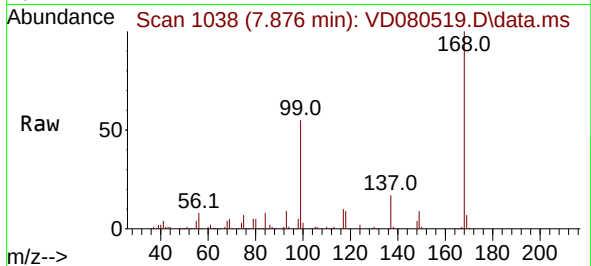




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
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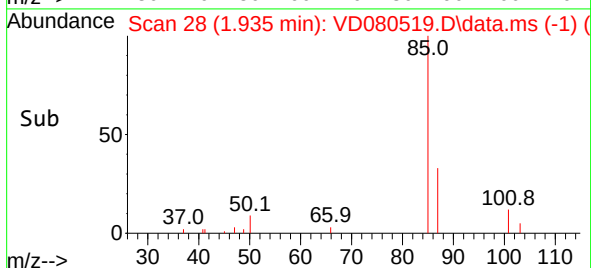
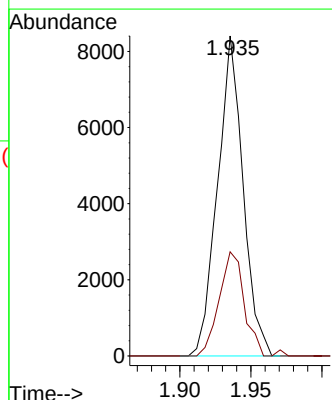
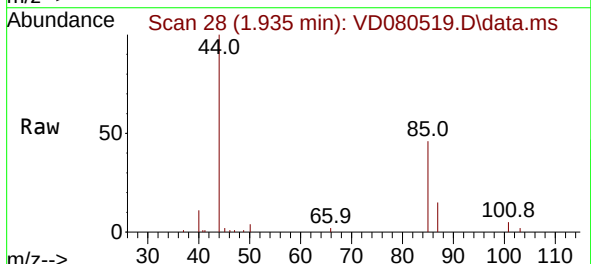
Instrument :
MSVOA_D
ClientSampleId :

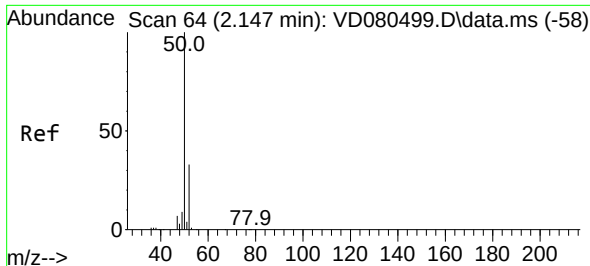
Tgt Ion:168 Resp: 337314
Ion Ratio Lower Upper
168 100
99 55.2 44.1 66.1



#2
Dichlorodifluoromethane
Concen: 3.652 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion: 85 Resp: 10488
Ion Ratio Lower Upper
85 100
87 32.6 16.2 48.5

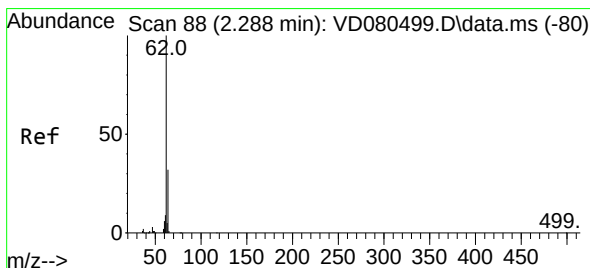
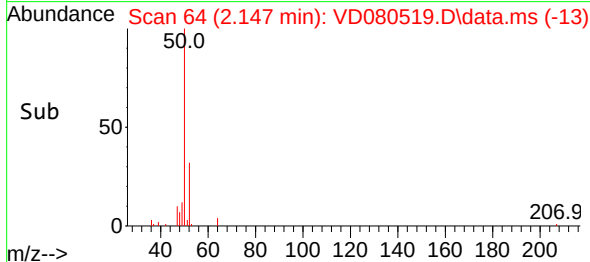
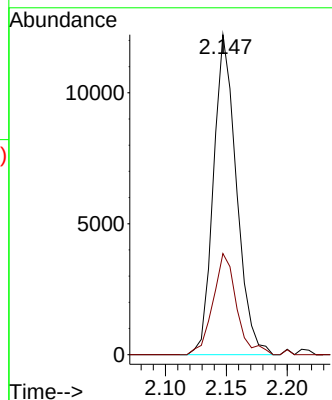
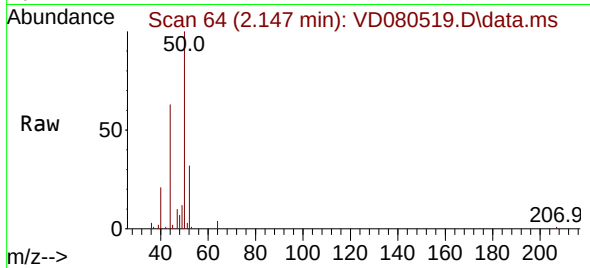




#3
Chloromethane
Concen: 3.549 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

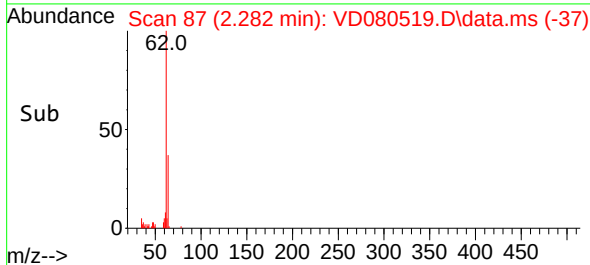
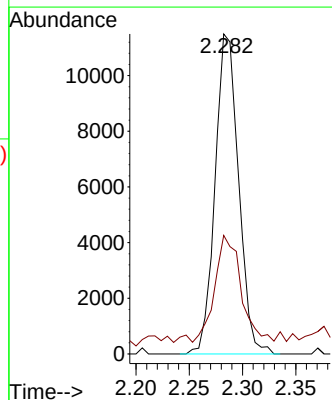
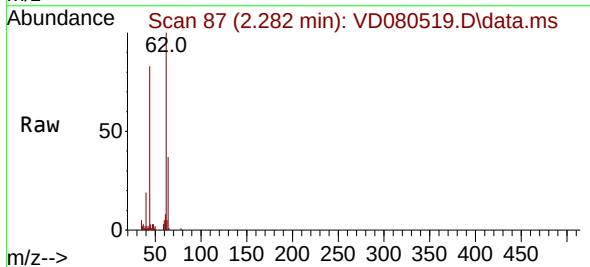
Instrument :
MSVOA_D
ClientSampleId :

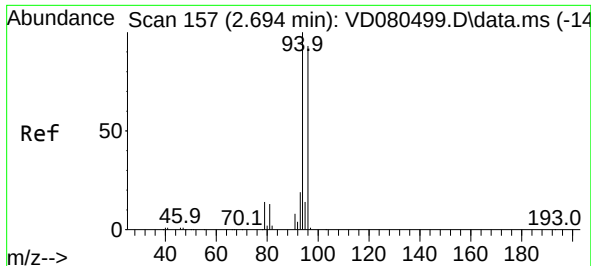
Tgt Ion: 50 Resp: 16087
Ion Ratio Lower Upper
50 100
52 31.6 26.2 39.4



#4
Vinyl Chloride
Concen: 3.763 ug/l
RT: 2.282 min Scan# 87
Delta R.T. -0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion: 62 Resp: 17606
Ion Ratio Lower Upper
62 100
64 31.8 25.6 38.4

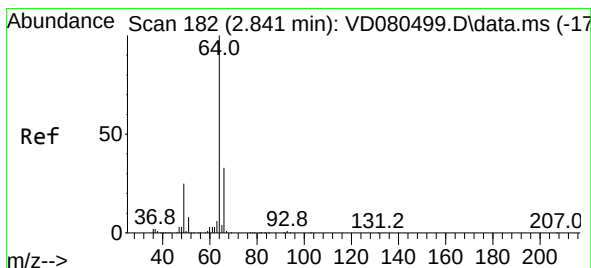
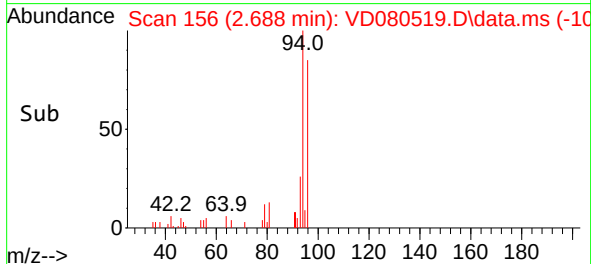
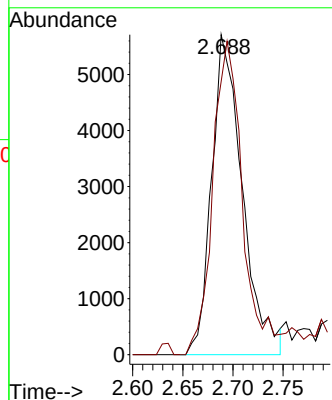
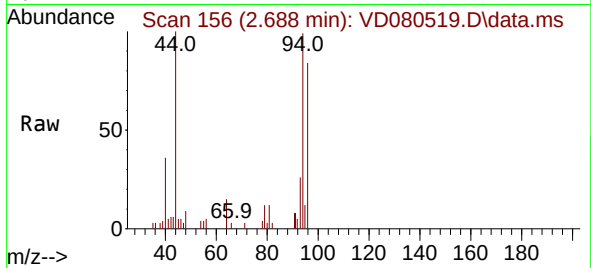




#5
Bromomethane
Concen: 4.623 ug/l
RT: 2.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

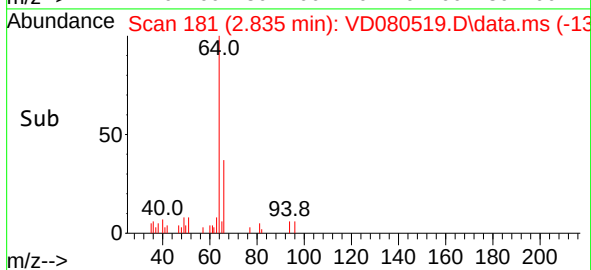
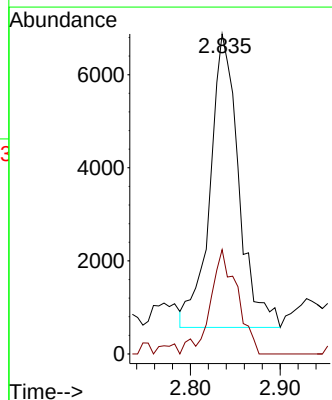
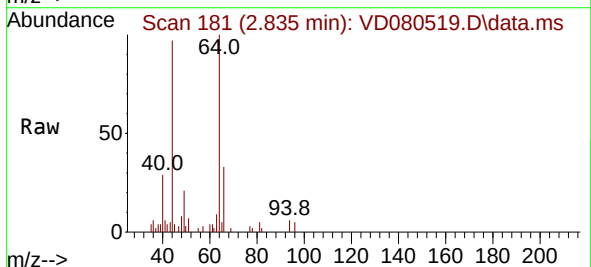
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MSVOA_D
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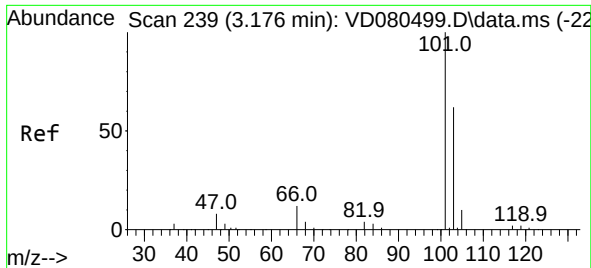
Tgt Ion: 94 Resp: 12155
Ion Ratio Lower Upper
94 100
96 95.0 74.6 111.8



#6
Chloroethane
Concen: 4.584 ug/l
RT: 2.835 min Scan# 181
Delta R.T. -0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion: 64 Resp: 13999
Ion Ratio Lower Upper
64 100
66 35.6 26.5 39.7

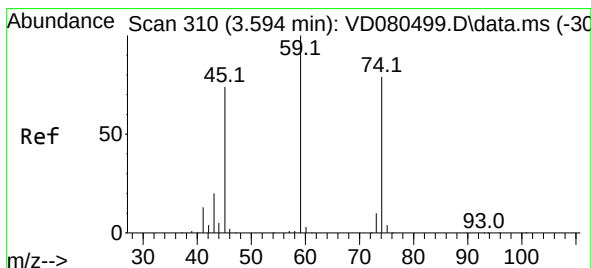
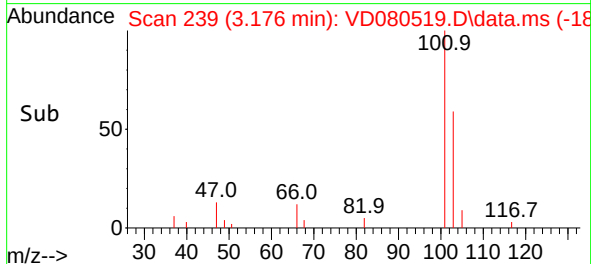
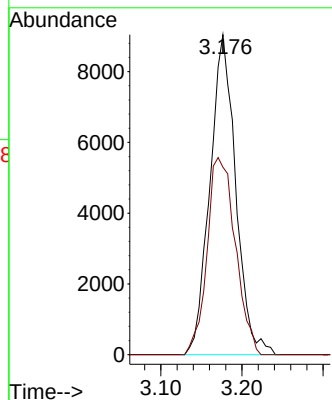
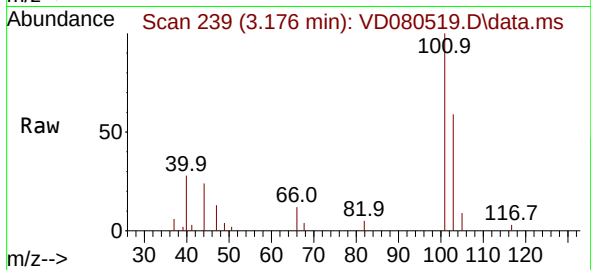




#7
 Trichlorofluoromethane
 Concen: 3.661 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55

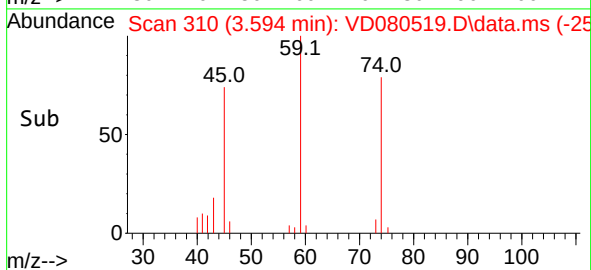
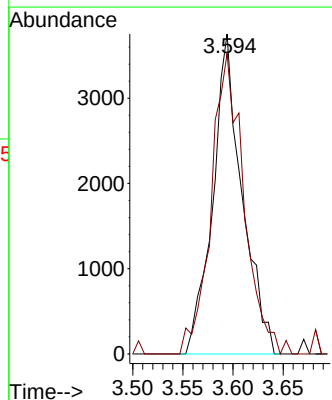
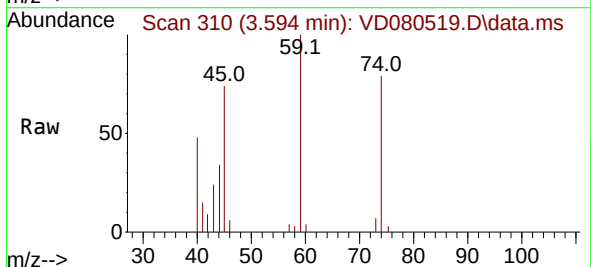
Instrument :
 MSVOA_D
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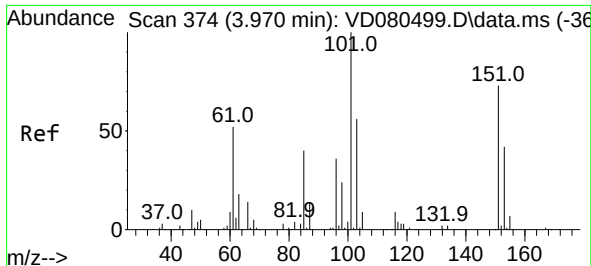
Tgt Ion:101 Resp: 19949
 Ion Ratio Lower Upper
 101 100
 103 58.6 49.6 74.4



#8
 Diethyl Ether
 Concen: 3.524 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55

Tgt Ion: 74 Resp: 7610
 Ion Ratio Lower Upper
 74 100
 45 104.8 48.2 144.6

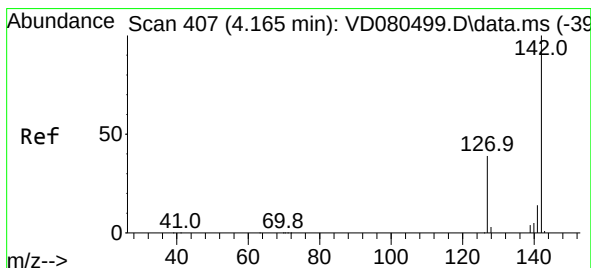
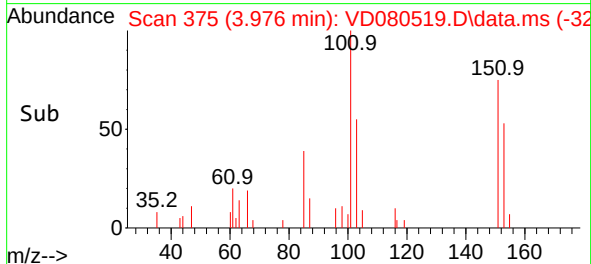
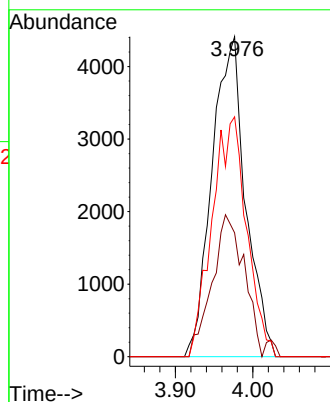
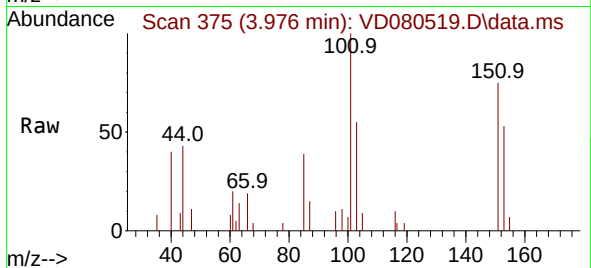




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.753 ug/l
RT: 3.976 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

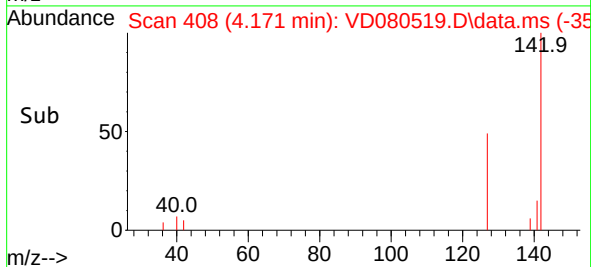
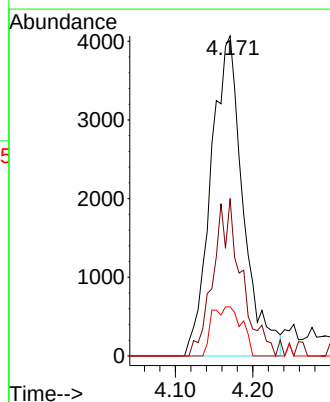
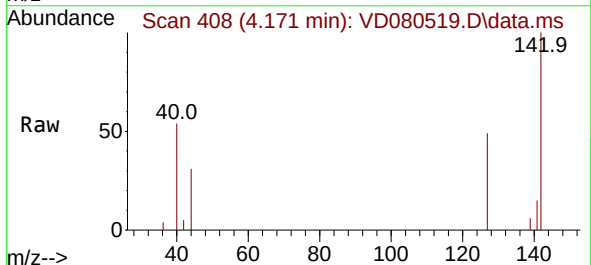
Instrument :
MSVOA_D
ClientSampleId :

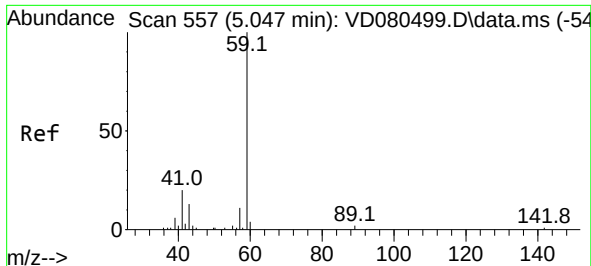
Tgt Ion:101 Resp: 13271
Ion Ratio Lower Upper
101 100
85 42.4 33.8 50.6
151 77.2 58.0 87.0



#10
Methyl Iodide
Concen: 2.876 ug/l
RT: 4.171 min Scan# 408
Delta R.T. 0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion:142 Resp: 11739
Ion Ratio Lower Upper
142 100
127 42.8 33.1 49.7
141 14.3 11.7 17.5

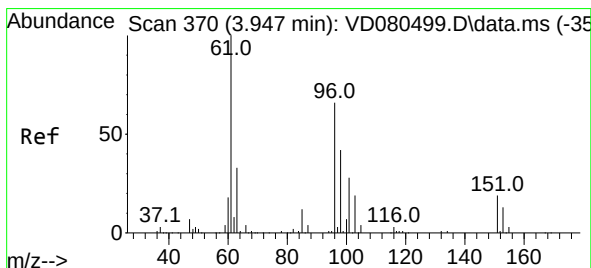
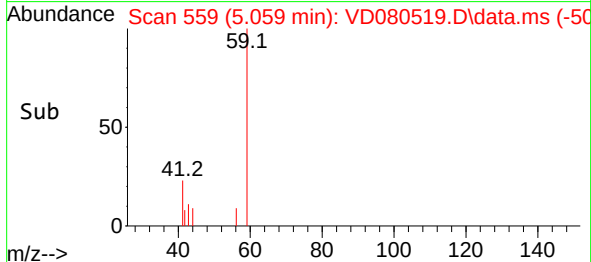
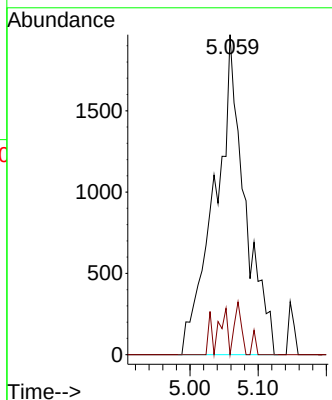
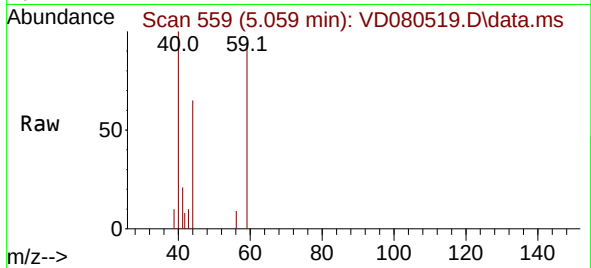




#11
Tert butyl alcohol
Concen: 21.968 ug/l
RT: 5.059 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

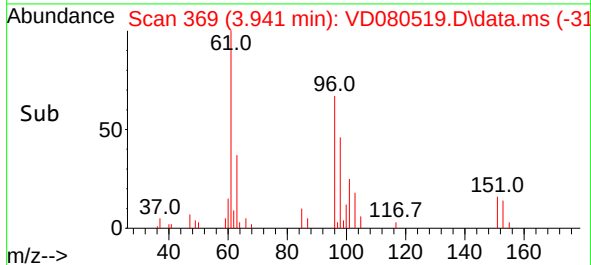
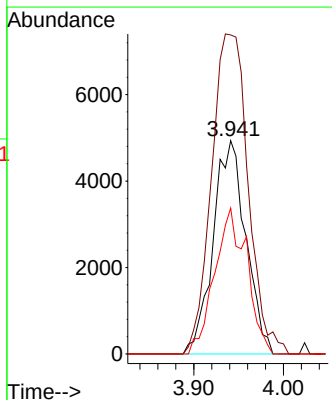
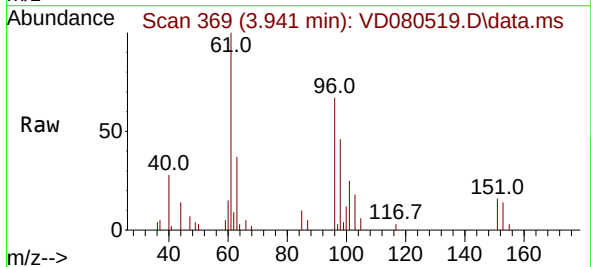
Instrument :
MSVOA_D
ClientSampleId :

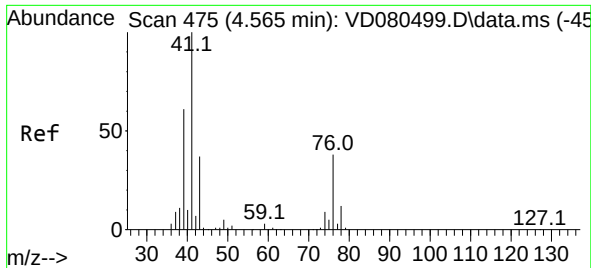
Tgt Ion: 59 Resp: 6050
Ion Ratio Lower Upper
59 100
57 3.8 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 3.395 ug/l
RT: 3.941 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion: 96 Resp: 12505
Ion Ratio Lower Upper
96 100
61 149.5 120.9 181.3
98 68.4 50.7 76.1

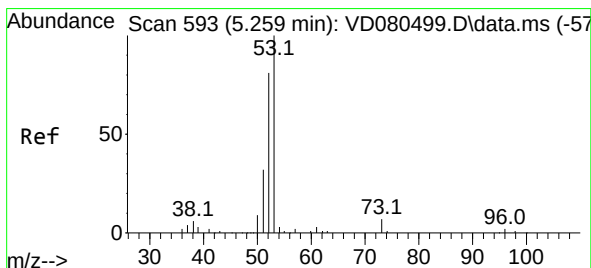
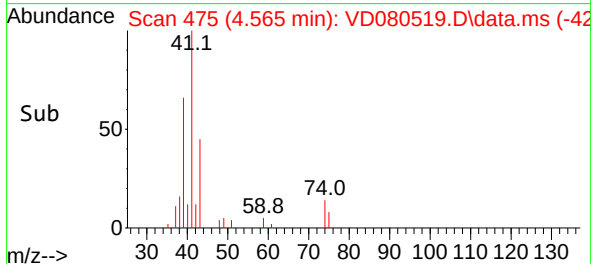
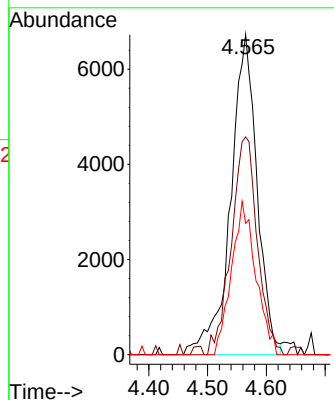
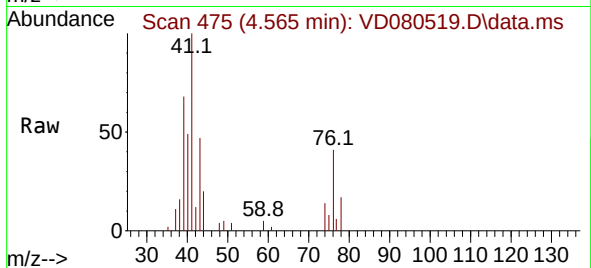




#14
 Allyl chloride
 Concen: 3.296 ug/l
 RT: 4.565 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55

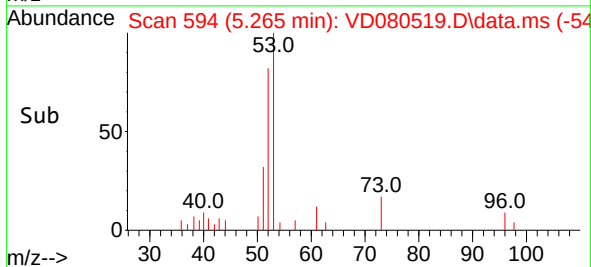
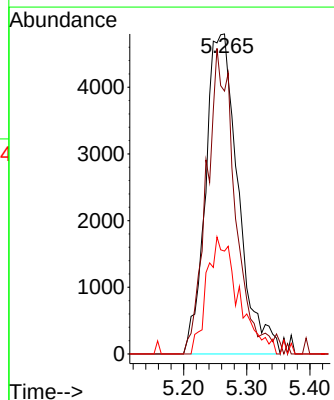
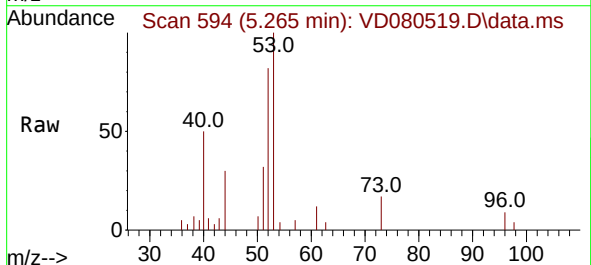
Instrument :
 MSVOA_D
 ClientSampleId :

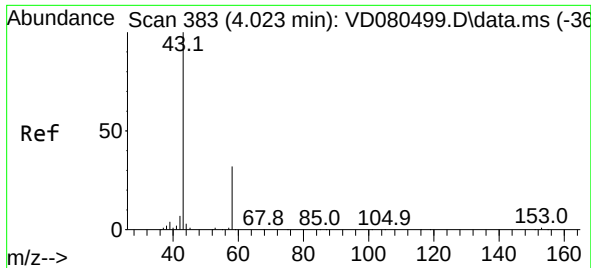
Tgt Ion: 41 Resp: 21071
 Ion Ratio Lower Upper
 41 100
 39 67.1 50.1 75.1
 76 43.9 30.7 46.1



#15
 Acrylonitrile
 Concen: 17.892 ug/l
 RT: 5.265 min Scan# 594
 Delta R.T. 0.006 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55

Tgt Ion: 53 Resp: 17205
 Ion Ratio Lower Upper
 53 100
 52 84.6 64.6 97.0
 51 35.8 28.0 42.0

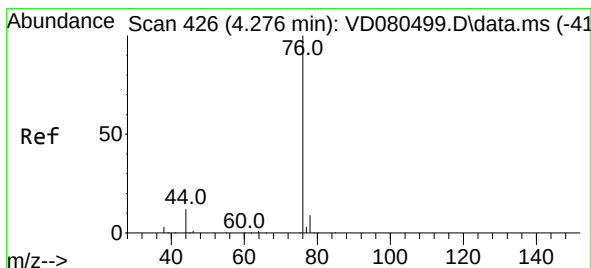
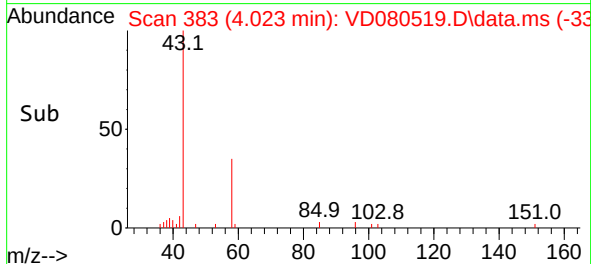
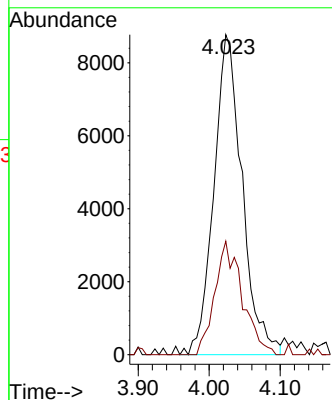
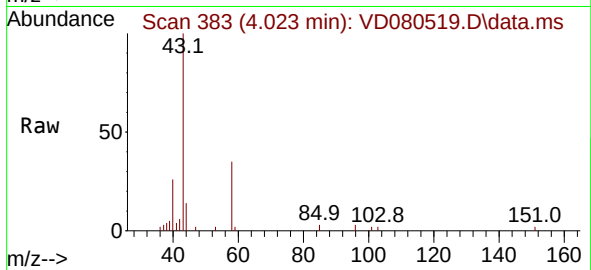




#16
Acetone
Concen: 27.185 ug/l
RT: 4.023 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

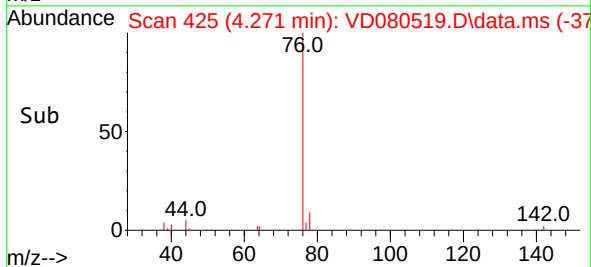
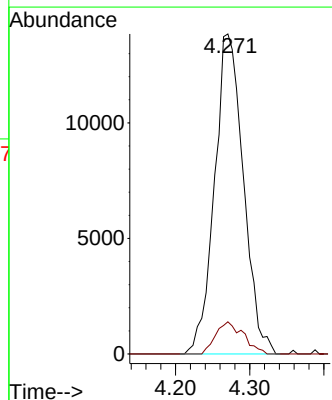
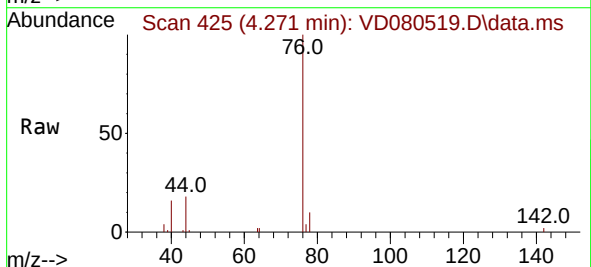
Instrument :
MSVOA_D
ClientSampleId :

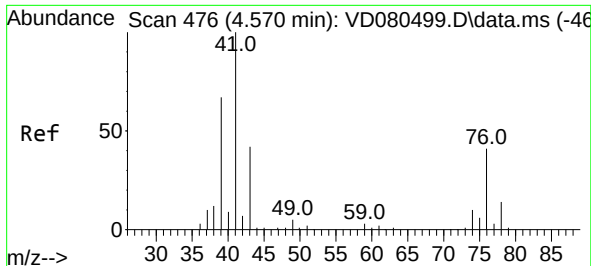
Tgt Ion: 43 Resp: 24220
Ion Ratio Lower Upper
43 100
58 35.4 25.4 38.0



#17
Carbon Disulfide
Concen: 3.015 ug/l
RT: 4.271 min Scan# 425
Delta R.T. -0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion: 76 Resp: 37554
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0

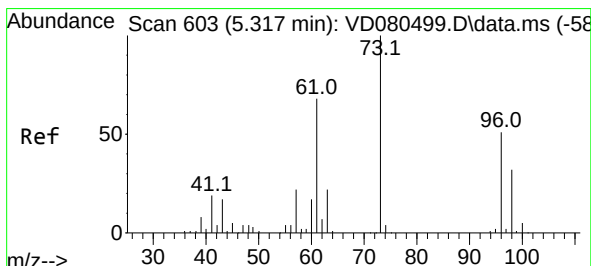
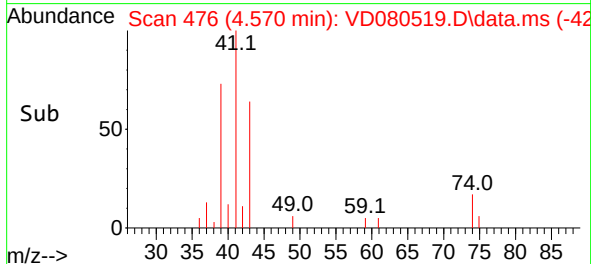
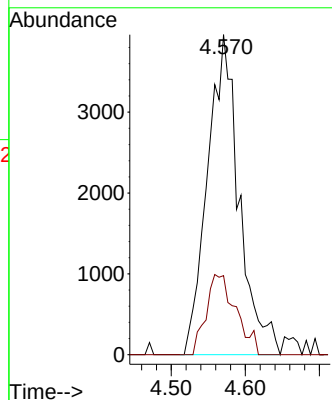
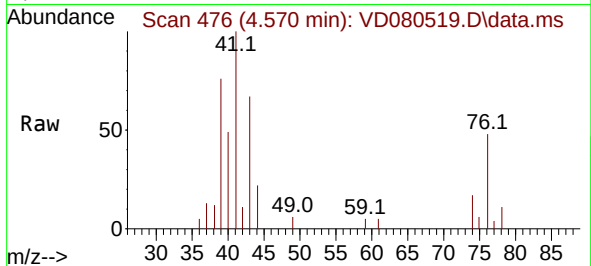




#18
Methyl Acetate
Concen: 4.673 ug/l
RT: 4.570 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

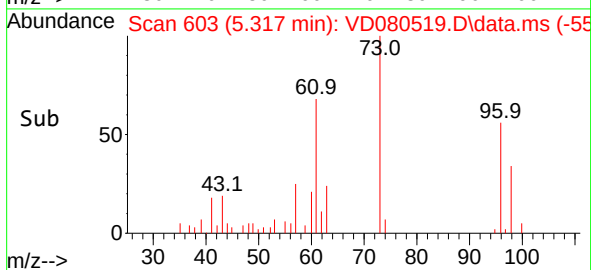
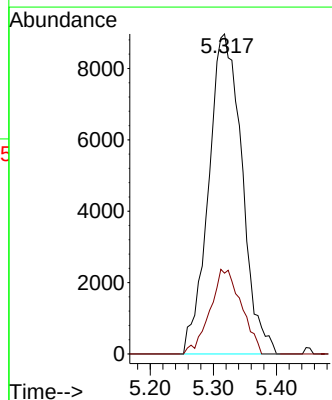
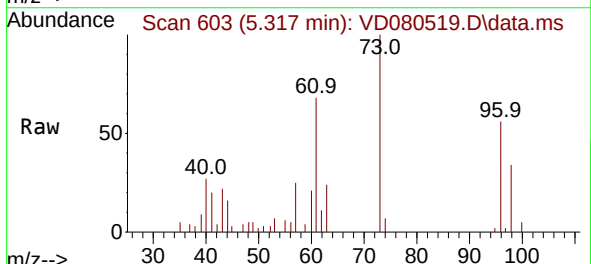
Instrument :
MSVOA_D
ClientSampleId :

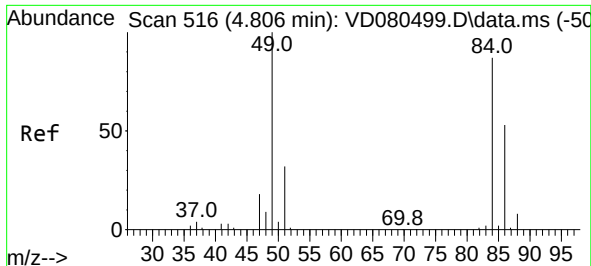
Tgt Ion: 43 Resp: 11717
Ion Ratio Lower Upper
43 100
74 23.6 20.2 30.2



#19
Methyl tert-butyl Ether
Concen: 3.407 ug/l
RT: 5.317 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

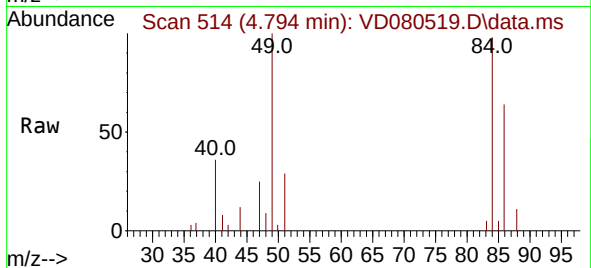
Tgt Ion: 73 Resp: 32929
Ion Ratio Lower Upper
73 100
57 25.3 17.8 26.8



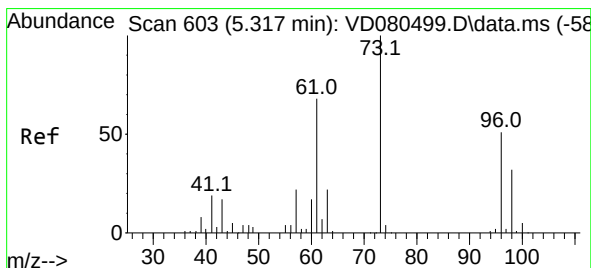
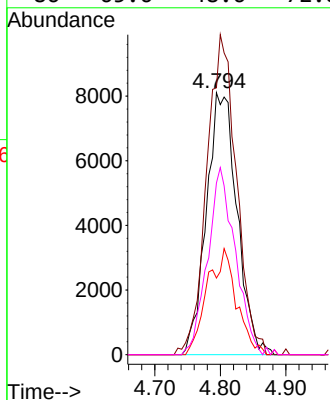
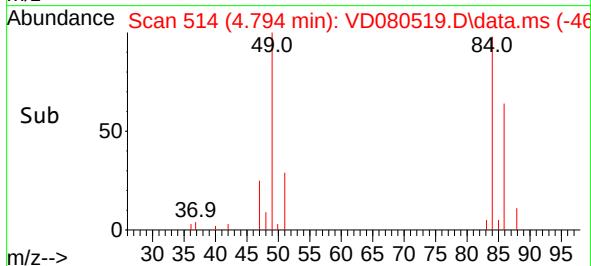


#20
Methylene Chloride
Concen: 5.369 ug/l
RT: 4.794 min Scan# 516
Delta R.T. -0.012 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

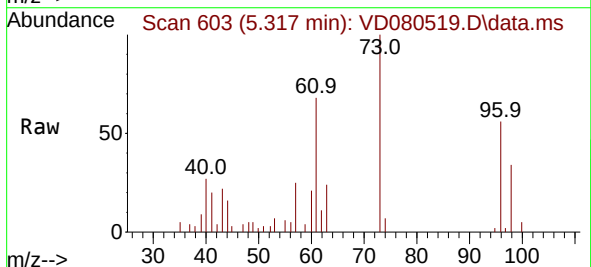
Instrument :
MSVOA_D
ClientSampleId :



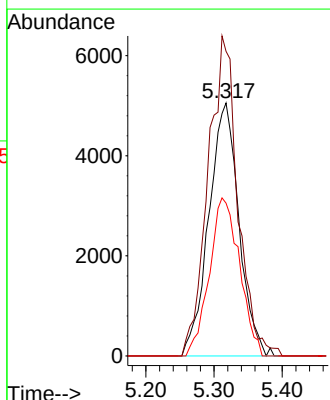
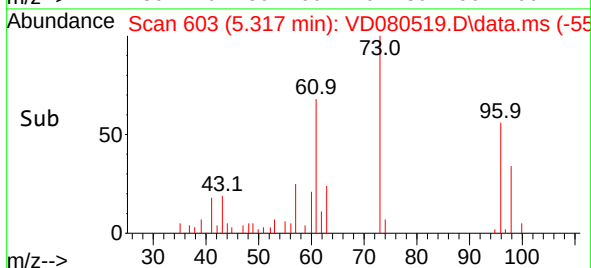
Tgt Ion: 84	Resp: 26279
Ion Ratio	Lower Upper
84 100	
49 101.9	91.8 137.6
51 29.3	29.0 43.4
86 65.6	48.6 72.8

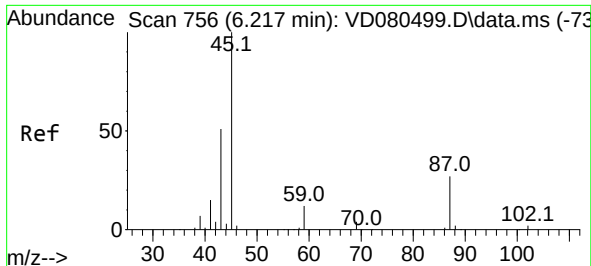


#21
trans-1,2-Dichloroethene
Concen: 3.689 ug/l
RT: 5.317 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55



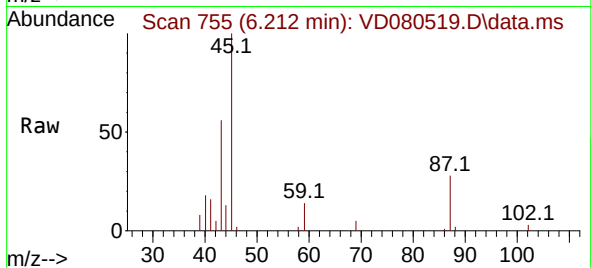
Tgt Ion: 96	Resp: 15556		
Ion Ratio	Lower	Upper	
96 100			
61 120.4	107.4	161.0	
98 60.4	49.9	74.9	



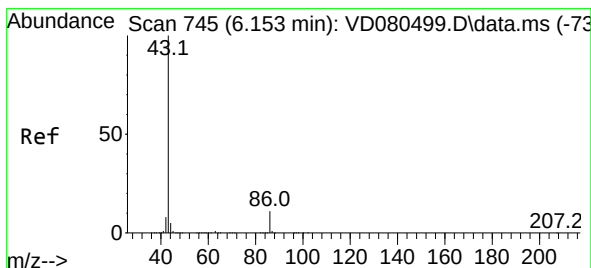
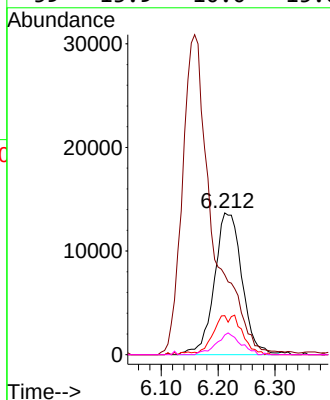
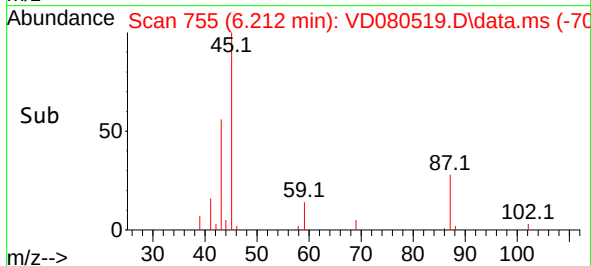


#22
Diisopropyl ether
Concen: 3.505 ug/l
RT: 6.212 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

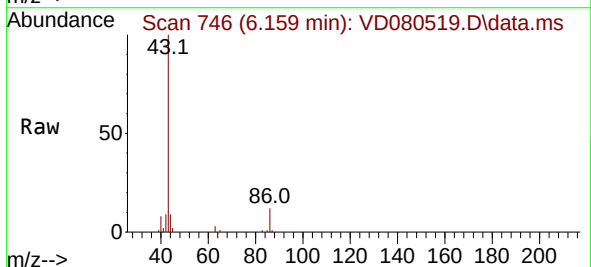
Instrument :
MSVOA_D
ClientSampleId :



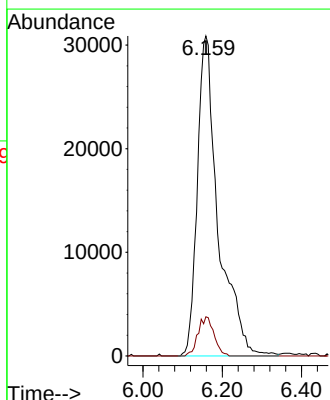
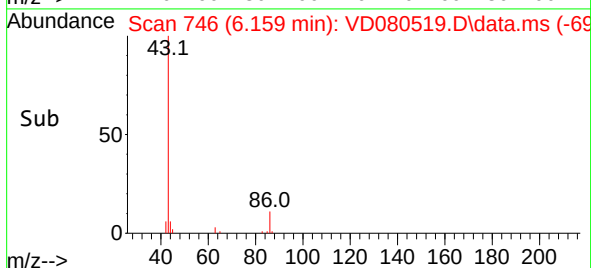
Tgt Ion:	45	Resp:	46121
Ion	Ratio	Lower	Upper
45	100		
43	54.2	40.6	60.8
87	27.6	21.6	32.4
59	13.9	10.0	15.0

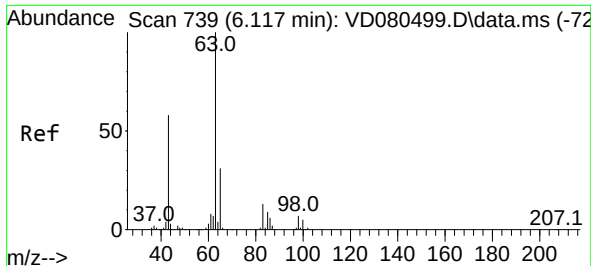


#23
Vinyl Acetate
Concen: 15.141 ug/l
RT: 6.159 min Scan# 746
Delta R.T. 0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55



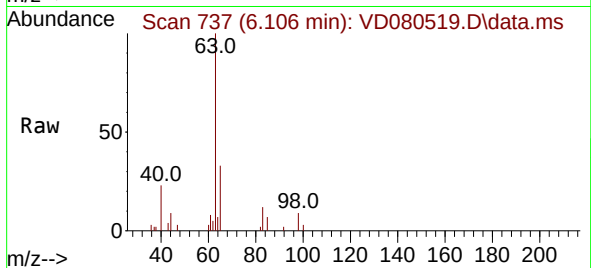
Tgt Ion:	43	Resp:	113357
Ion	Ratio	Lower	Upper
43	100		
86	12.3	8.4	12.6



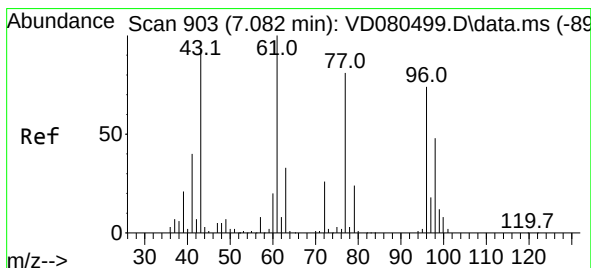
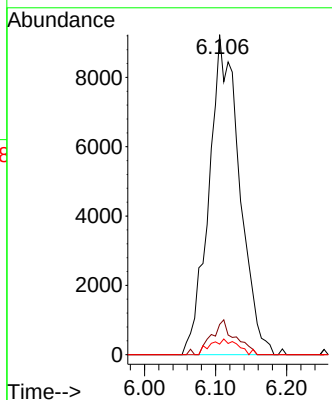
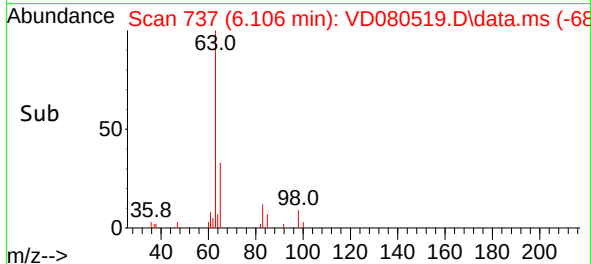


#24
 1,1-Dichloroethane
 Concen: 3.630 ug/l
 RT: 6.106 min Scan# 737
 Delta R.T. -0.012 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55

Instrument :
 MSVOA_D
 ClientSampleId :

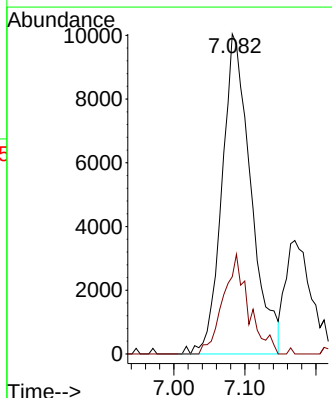
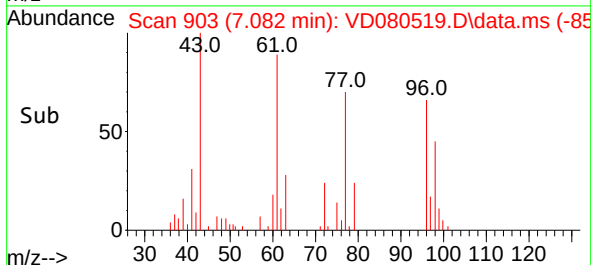
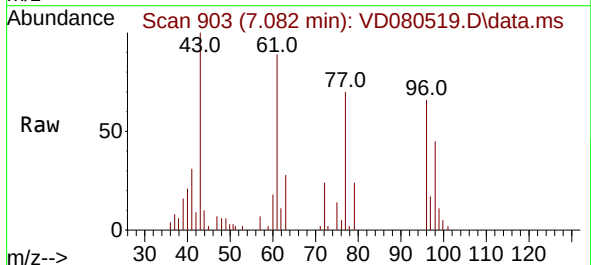


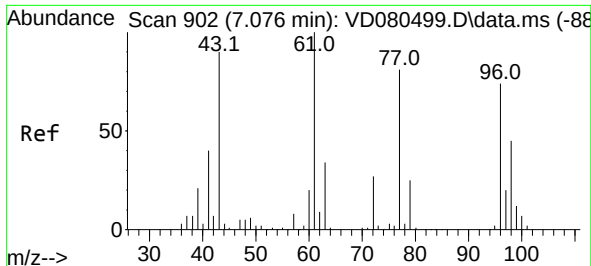
Tgt Ion: 63	Resp: 27647
Ion Ratio	Lower Upper
63	100
98	9.5 3.3 9.9
100	3.3 2.4 7.1



#25
 2-Butanone
 Concen: 22.534 ug/l
 RT: 7.082 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55

Tgt Ion: 43	Resp: 28428
Ion Ratio	Lower Upper
43	100
72	24.1 22.8 34.2





#26

2,2-Dichloropropane

Concen: 3.715 ug/l

RT: 7.076 min Scan# 902

Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

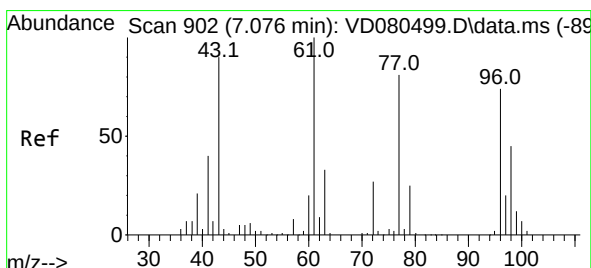
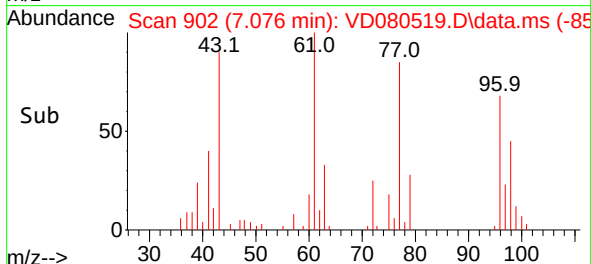
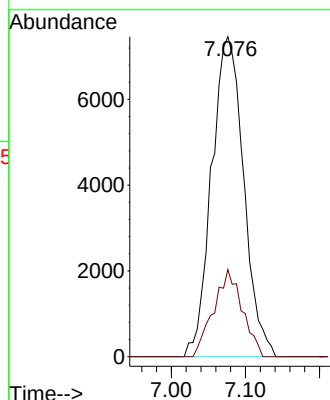
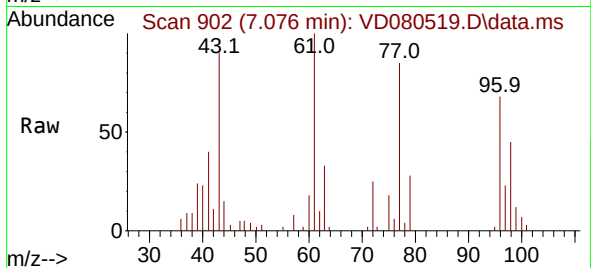
ClientSampleId :

Tgt Ion: 77 Resp: 22400

Ion Ratio Lower Upper

77 100

97 24.3 12.4 37.0



#27

cis-1,2-Dichloroethene

Concen: 3.587 ug/l

RT: 7.082 min Scan# 903

Delta R.T. 0.006 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

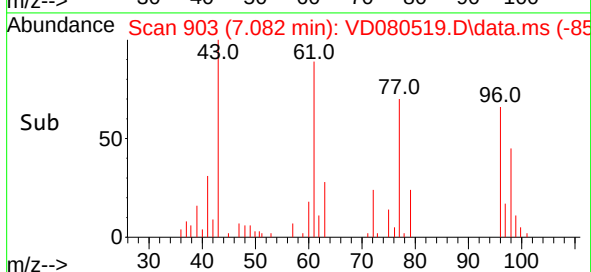
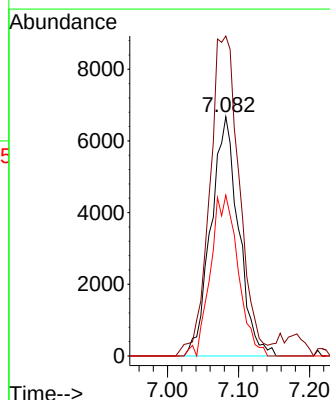
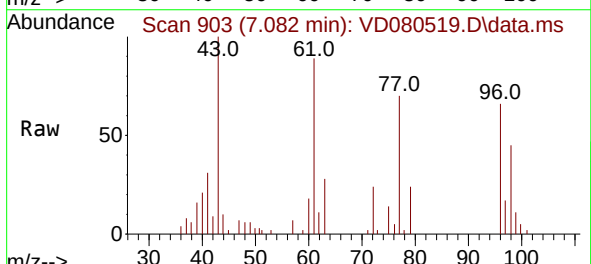
Tgt Ion: 96 Resp: 18051

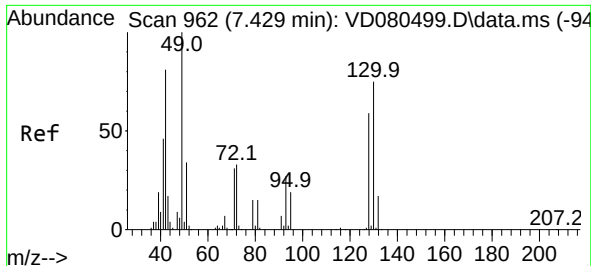
Ion Ratio Lower Upper

96 100

61 143.6 0.0 275.2

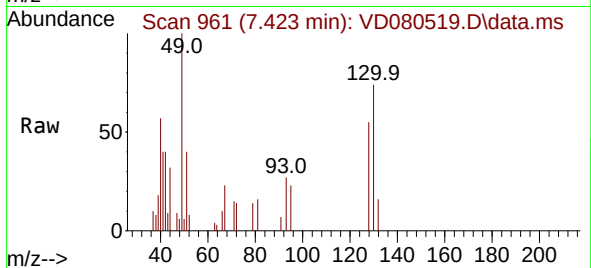
98 67.0 0.0 128.8



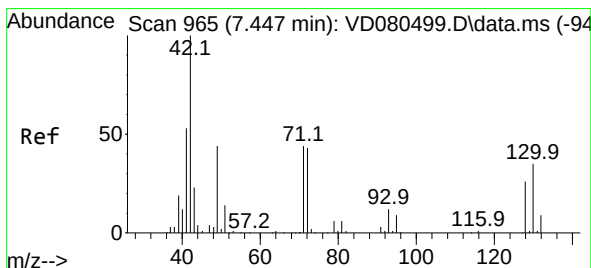
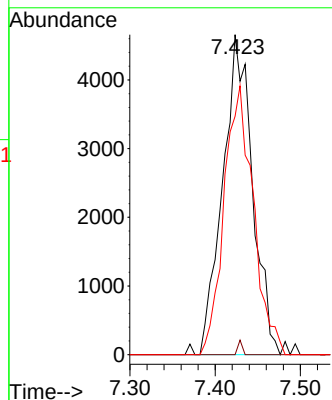
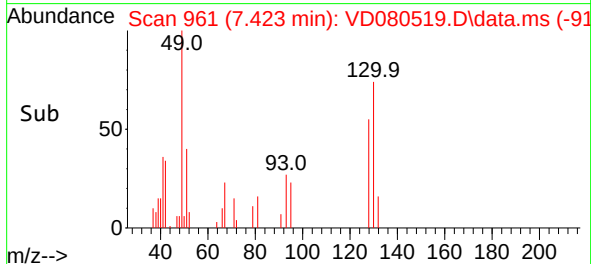


#28
Bromochloromethane
Concen: 3.655 ug/l
RT: 7.423 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Instrument :
MSVOA_D
ClientSampleId :

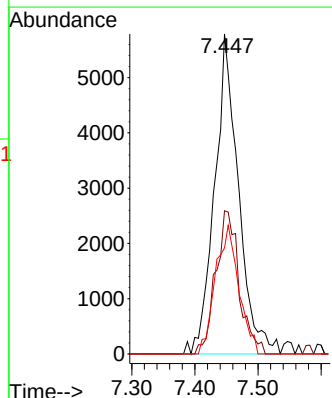
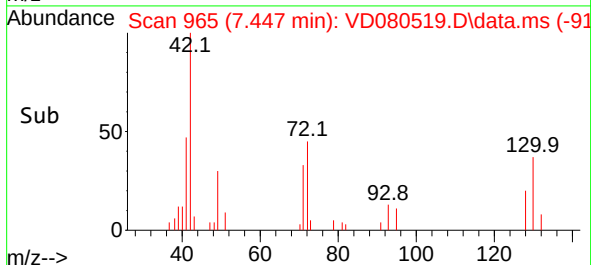
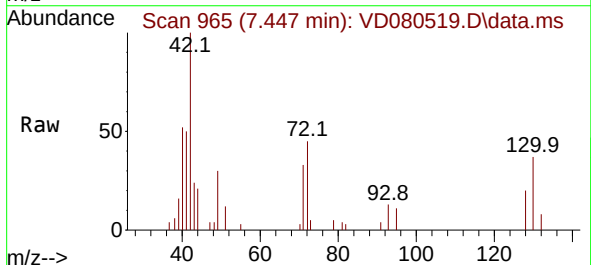


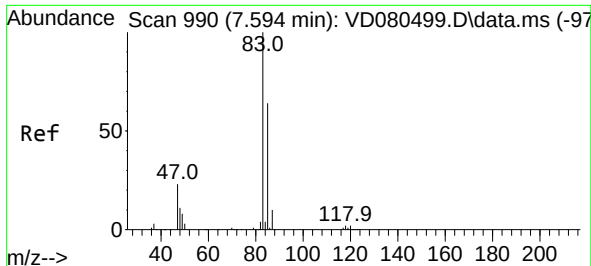
Tgt Ion: 49 Resp: 11344
Ion Ratio Lower Upper
49 100
129 0.7 0.0 4.0
130 82.5 61.1 91.7



#29
Tetrahydrofuran
Concen: 19.095 ug/l
RT: 7.447 min Scan# 965
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion: 42 Resp: 15222
Ion Ratio Lower Upper
42 100
72 43.8 34.7 52.1
71 39.1 32.9 49.3

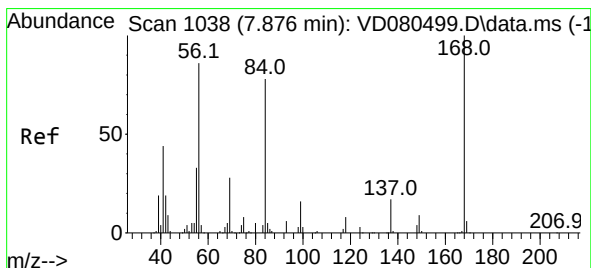
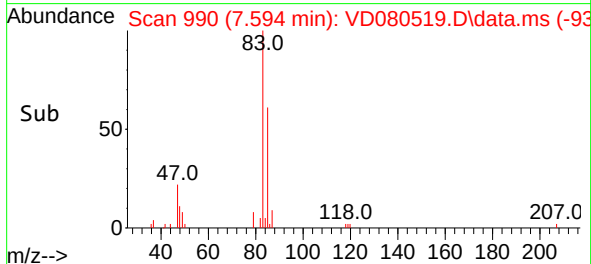
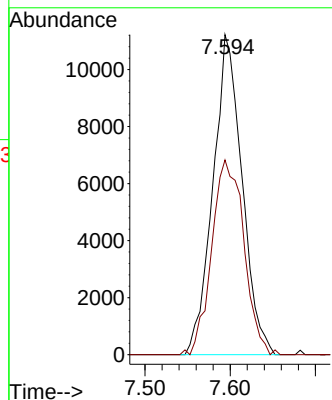
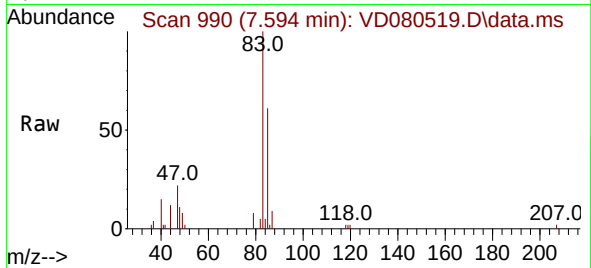




#30
Chloroform
Concen: 3.659 ug/l
RT: 7.594 min Scan# 990
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

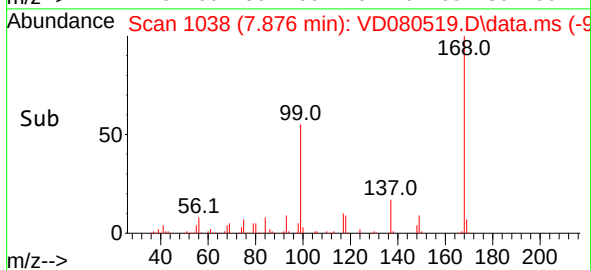
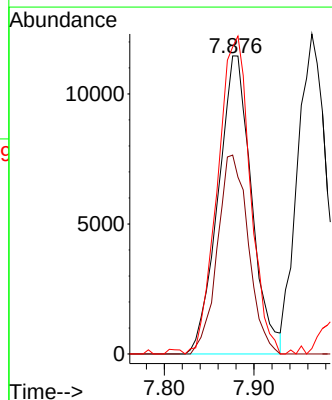
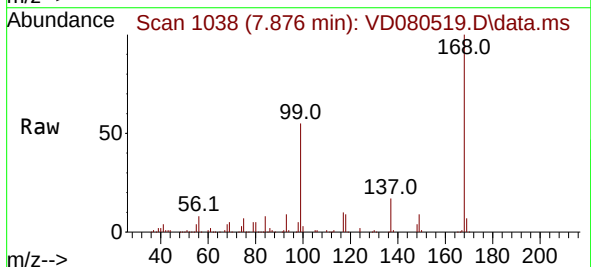
Instrument :
MSVOA_D
ClientSampleId :

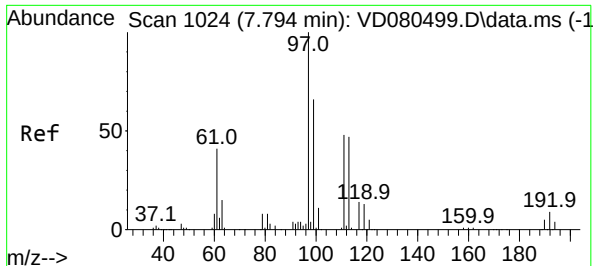
Tgt Ion: 83 Resp: 26648
Ion Ratio Lower Upper
83 100
85 60.8 51.2 76.8



#31
Cyclohexane
Concen: 4.157 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion: 56 Resp: 29632
Ion Ratio Lower Upper
56 100
69 66.7 26.0 39.0#
84 103.0 72.6 108.8

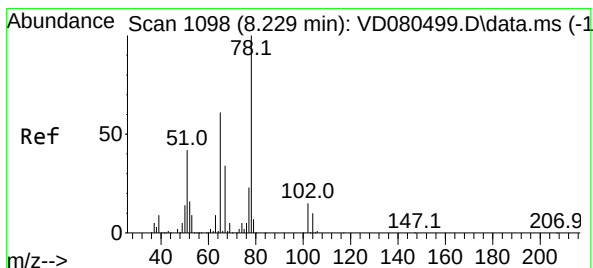
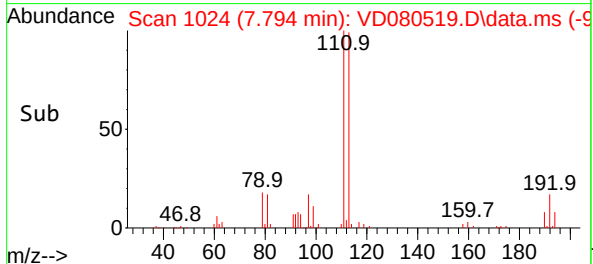
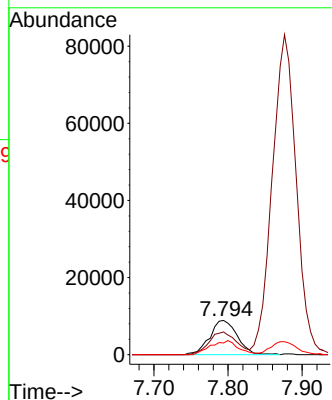
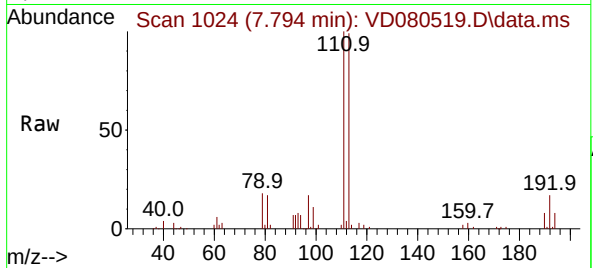




#32
 1,1,1-Trichloroethane
 Concen: 3.783 ug/l
 RT: 7.794 min Scan# 1024
 Delta R.T. 0.000 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55

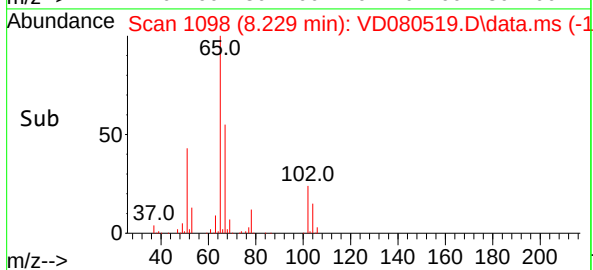
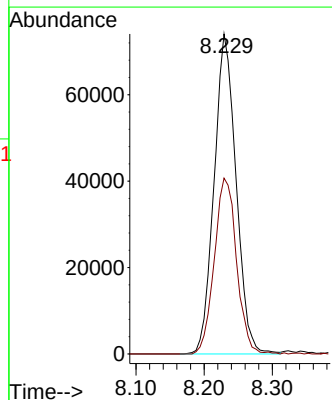
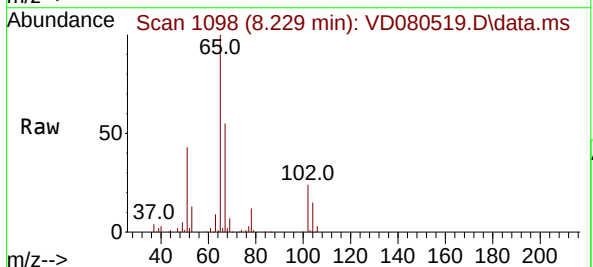
Instrument :
 MSVOA_D
 ClientSampleId :

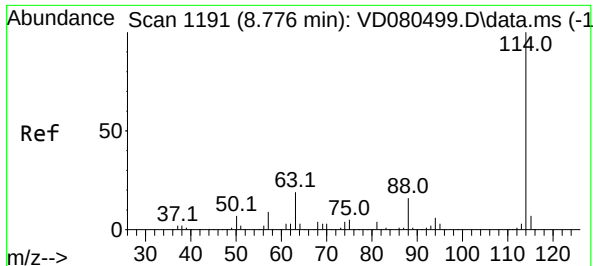
Tgt Ion: 97 Resp: 22941
 Ion Ratio Lower Upper
 97 100
 99 66.4 51.0 76.4
 61 41.2 33.6 50.4



#33
 1,2-Dichloroethane-d4
 Concen: 43.652 ug/l
 RT: 8.229 min Scan# 1098
 Delta R.T. 0.000 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55

Tgt Ion: 65 Resp: 166122
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 113.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

ClientSampleId :

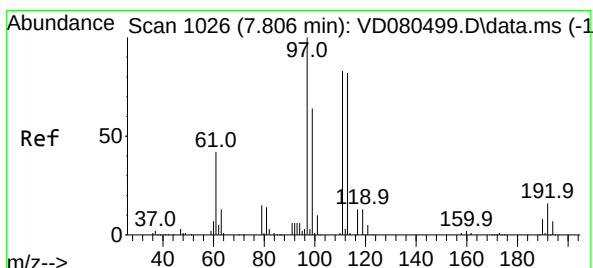
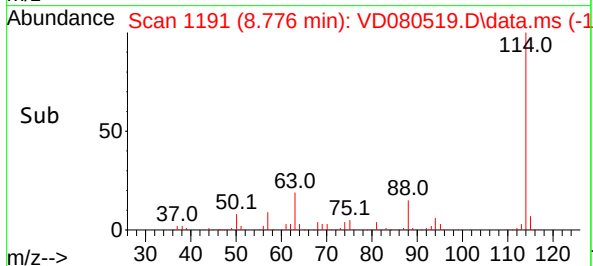
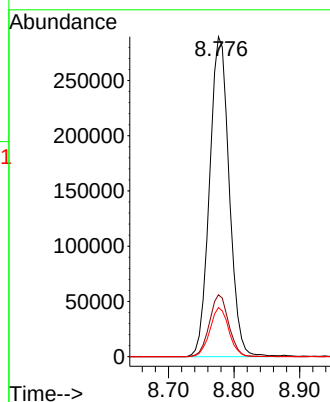
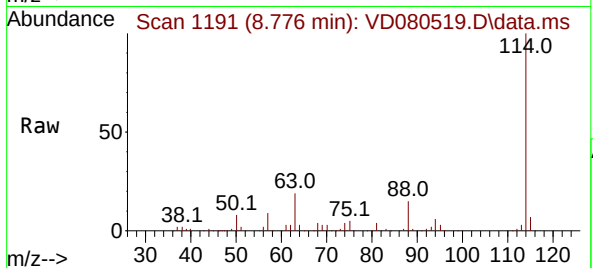
Tgt Ion:114 Resp: 601783

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 43.191 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

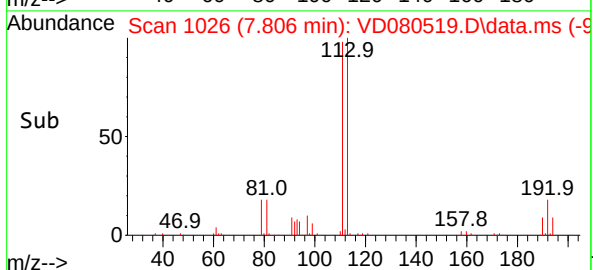
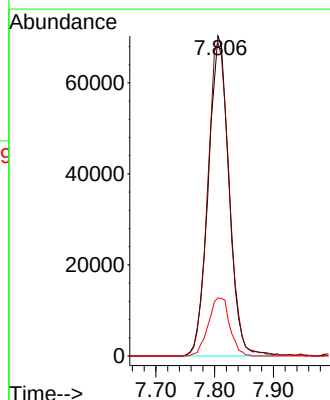
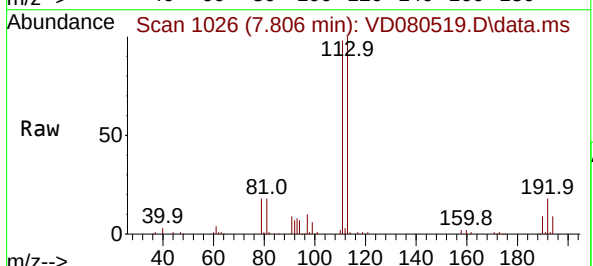
Tgt Ion:113 Resp: 171999

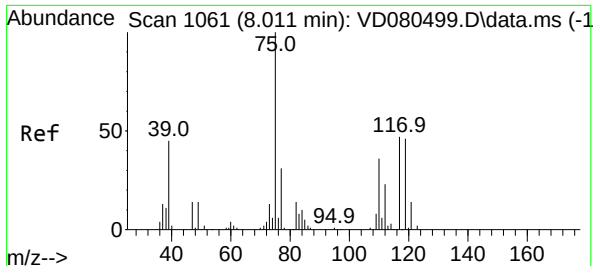
Ion Ratio Lower Upper

113 100

111 101.5 82.0 123.0

192 18.8 14.9 22.3





#36

1,1-Dichloropropene

Concen: 3.741 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.000 min

Lab File: VD080519.D

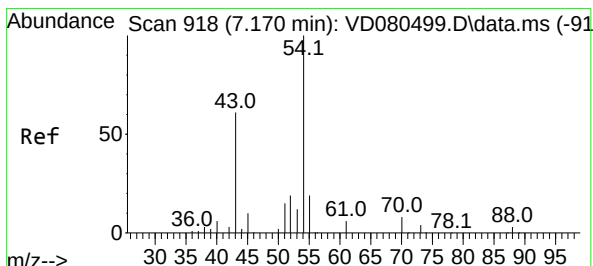
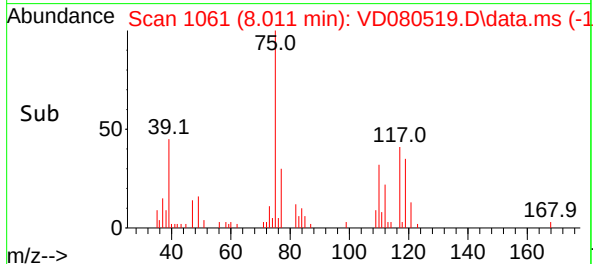
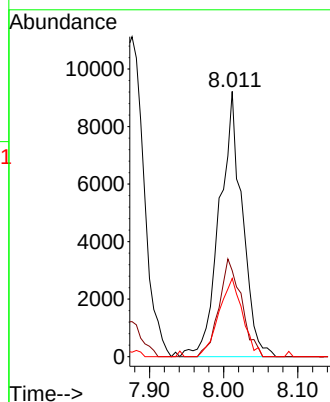
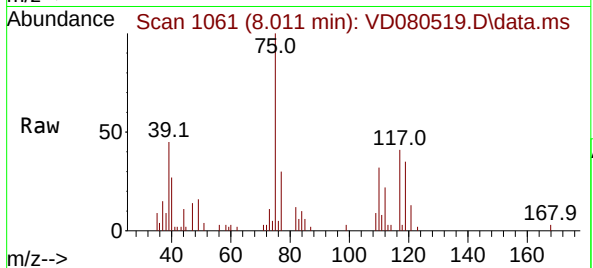
Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 75	Resp: 19729
Ion Ratio	Lower Upper
75	100
110	36.4 18.1 54.1
77	30.5 25.7 38.5



#37

Ethyl Acetate

Concen: 3.118 ug/l

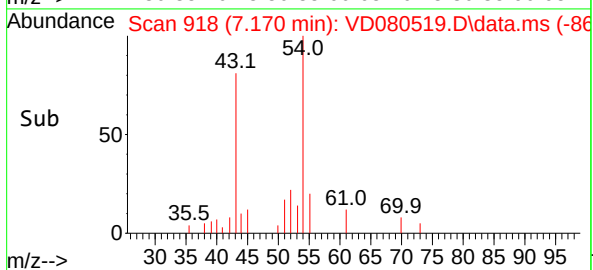
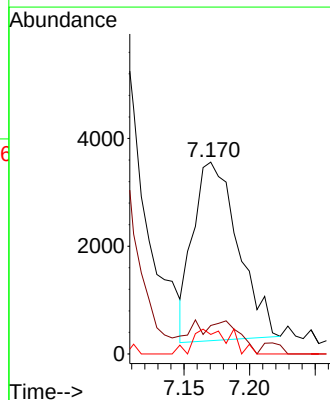
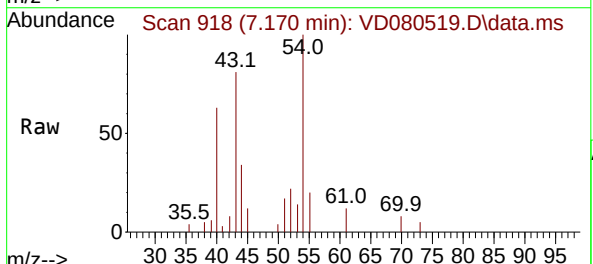
RT: 7.170 min Scan# 918

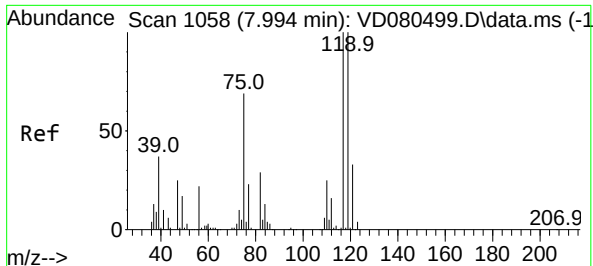
Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

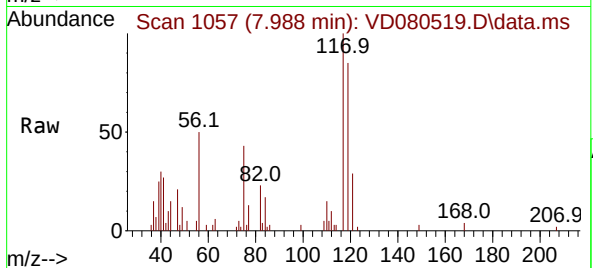
Tgt Ion: 43	Resp: 7907
Ion Ratio	Lower Upper
43	100
61	9.9 11.8 17.8#
70	11.7 9.0 13.4



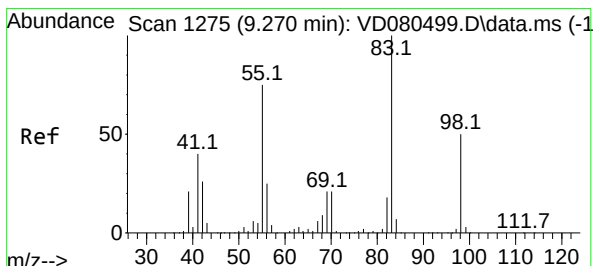
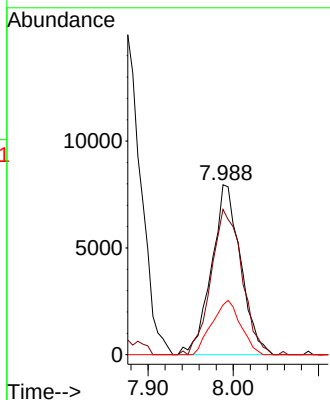
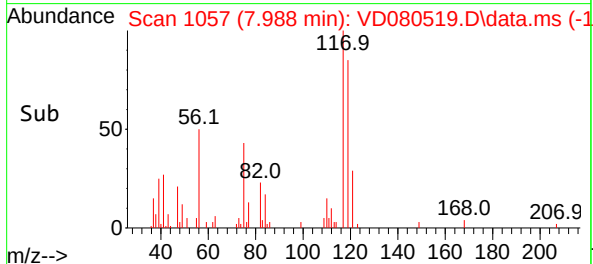


#38
Carbon Tetrachloride
Concen: 3.768 ug/l
RT: 7.988 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Instrument :
MSVOA_D
ClientSampleId :

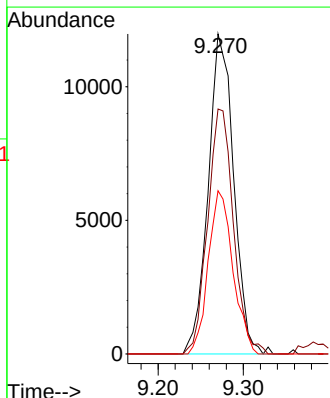
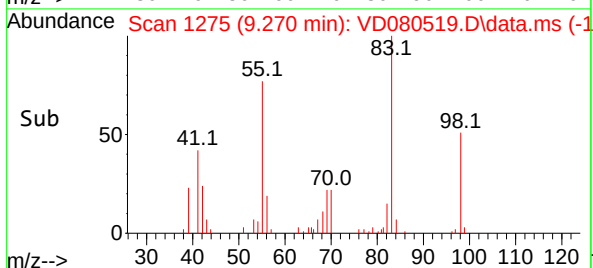
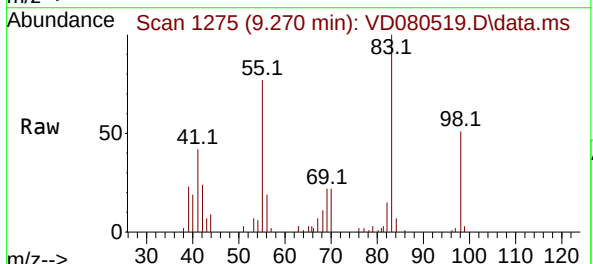


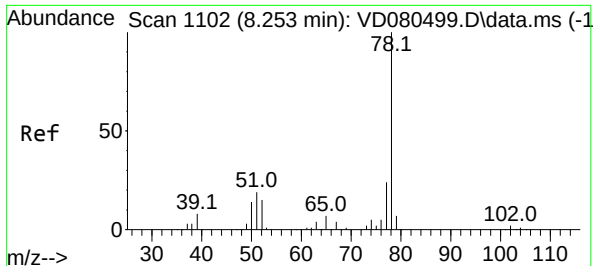
Tgt Ion:117 Resp: 18914
Ion Ratio Lower Upper
117 100
119 85.5 80.2 120.2
121 29.2 26.8 40.2



#39
Methylcyclohexane
Concen: 3.555 ug/l
RT: 9.270 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion: 83 Resp: 24953
Ion Ratio Lower Upper
83 100
55 76.6 60.4 90.6
98 51.0 39.8 59.6

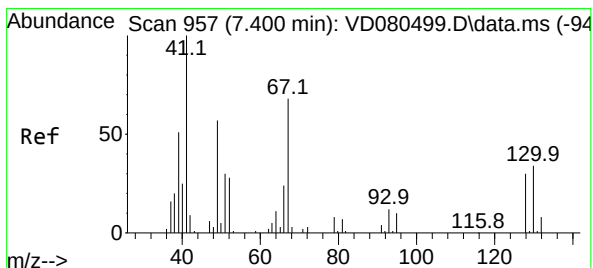
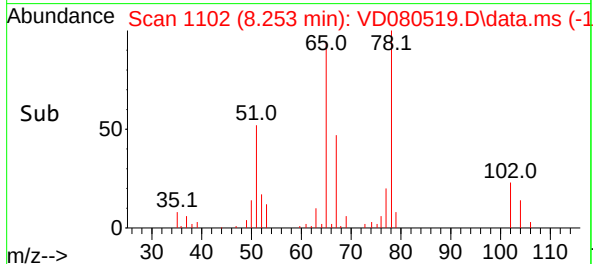
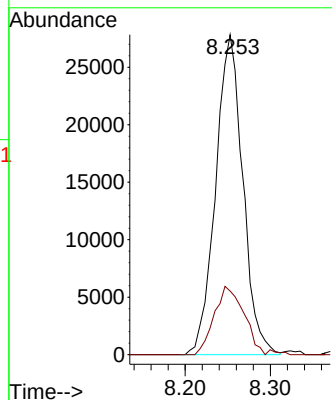
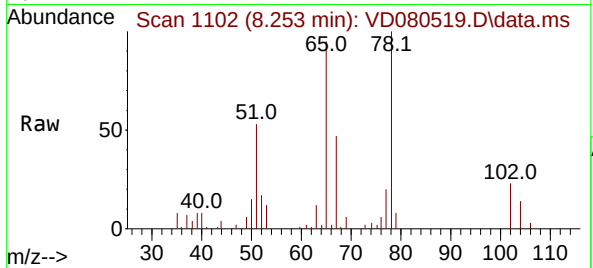




#40
Benzene
Concen: 3.678 ug/l
RT: 8.253 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

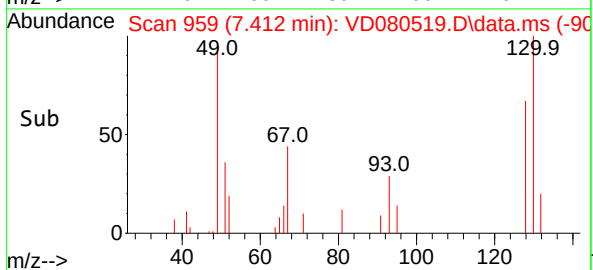
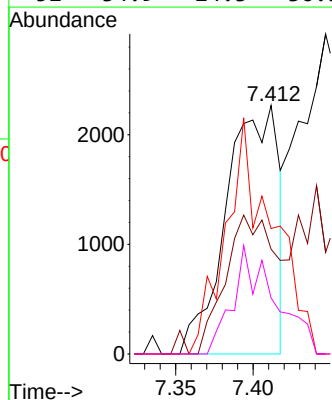
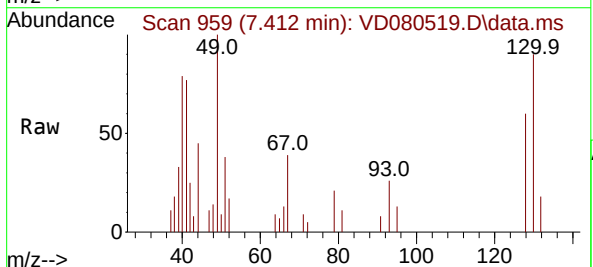
Instrument :
MSVOA_D
ClientSampleId :

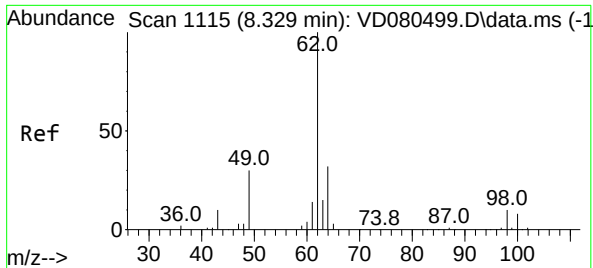
Tgt Ion: 78 Resp: 61736
Ion Ratio Lower Upper
78 100
77 19.9 19.0 28.6



#41
Methacrylonitrile
Concen: 3.528 ug/l
RT: 7.412 min Scan# 959
Delta R.T. 0.012 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion: 41 Resp: 5311
Ion Ratio Lower Upper
41 100
39 52.2 50.1 75.1
67 84.9 60.8 91.2
52 34.9 24.3 36.5





#42

1,2-Dichloroethane

Concen: 3.729 ug/l

RT: 8.329 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

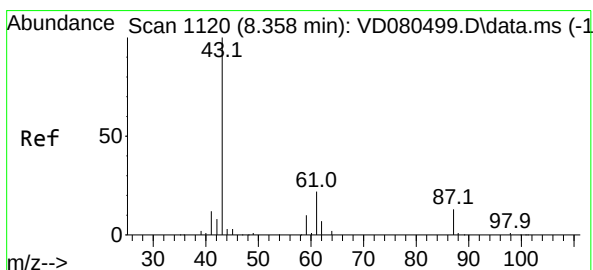
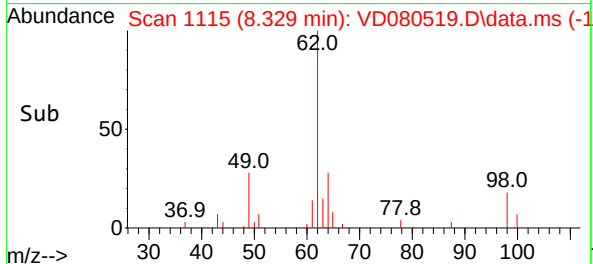
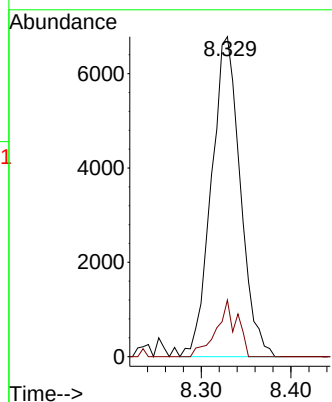
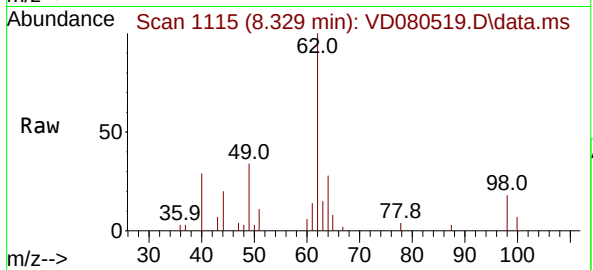
ClientSampleId :

Tgt Ion: 62 Resp: 15159

Ion Ratio Lower Upper

62 100

98 12.8 0.0 22.0



#43

Isopropyl Acetate

Concen: 3.766 ug/l

RT: 8.359 min Scan# 1120

Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

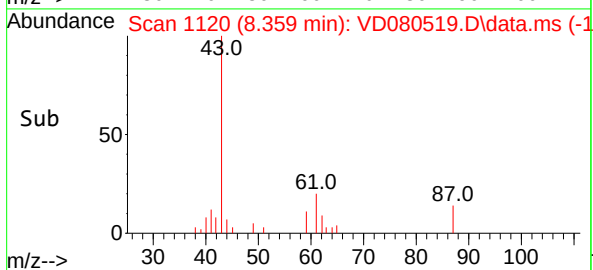
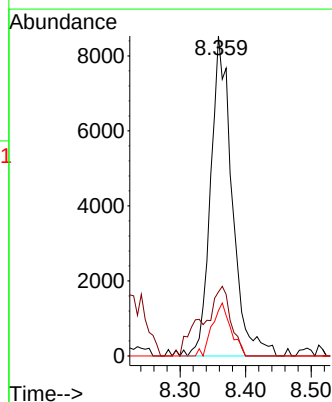
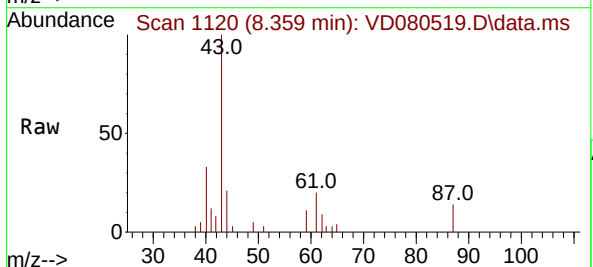
Tgt Ion: 43 Resp: 19430

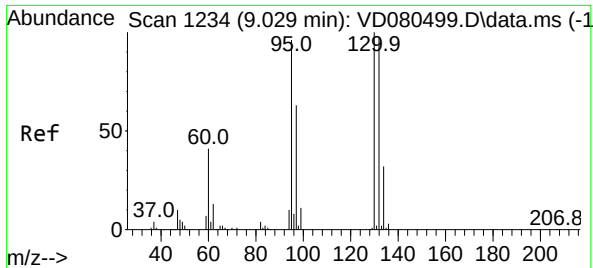
Ion Ratio Lower Upper

43 100

61 19.9 24.3 36.5

87 14.3 10.9 16.3

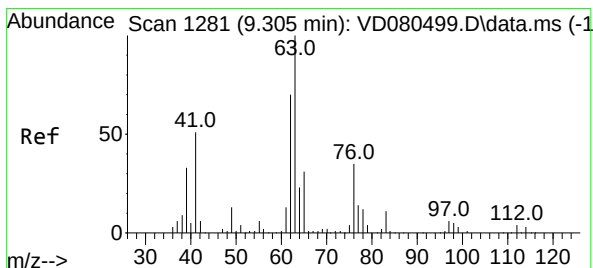
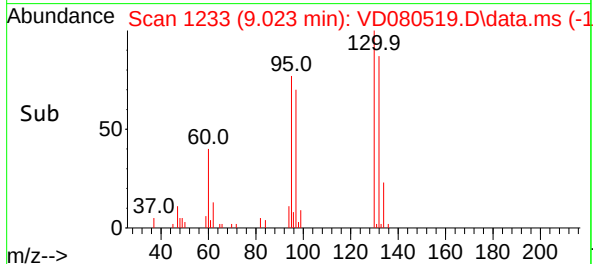
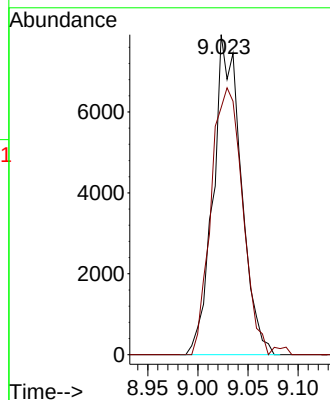
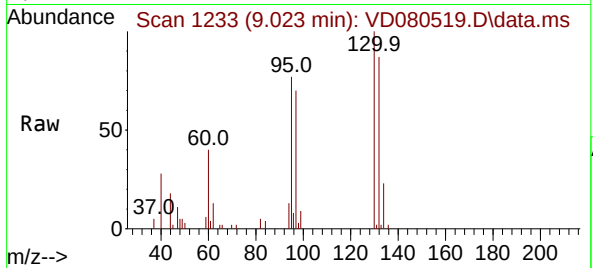




#44
Trichloroethene
Concen: 3.747 ug/l
RT: 9.023 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

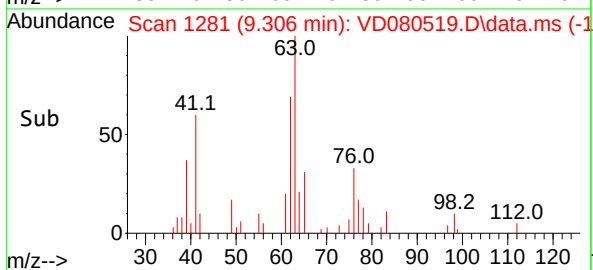
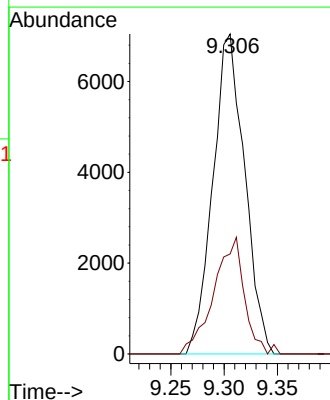
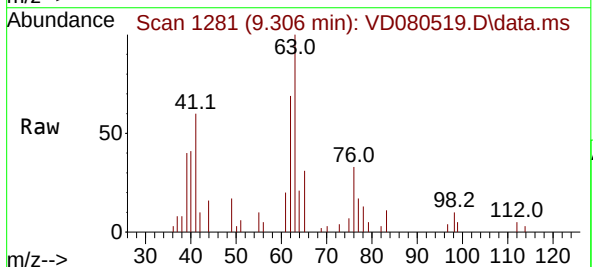
Instrument :
MSVOA_D
ClientSampleId :

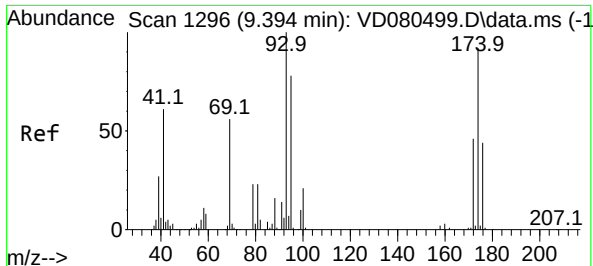
Tgt Ion:130 Resp: 15258
Ion Ratio Lower Upper
130 100
95 77.2 0.0 191.8



#45
1,2-Dichloropropane
Concen: 3.508 ug/l
RT: 9.306 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

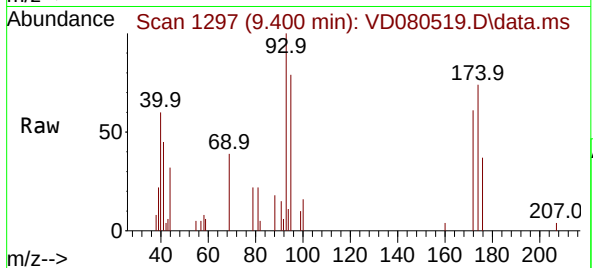
Tgt Ion: 63 Resp: 14603
Ion Ratio Lower Upper
63 100
65 31.2 24.9 37.3



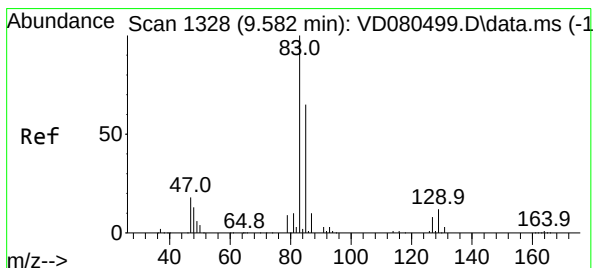
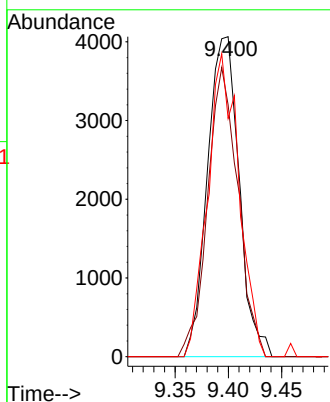
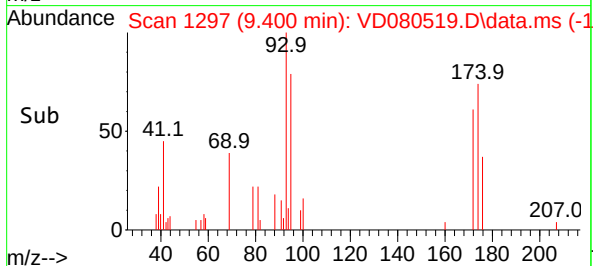


#46
Dibromomethane
Concen: 3.766 ug/l
RT: 9.400 min Scan# 1297
Delta R.T. 0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Instrument :
MSVOA_D
ClientSampleId :

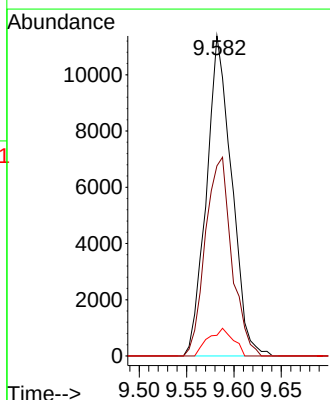
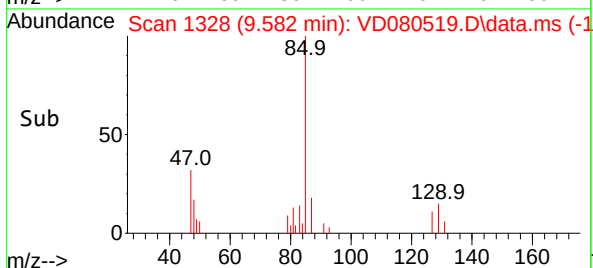
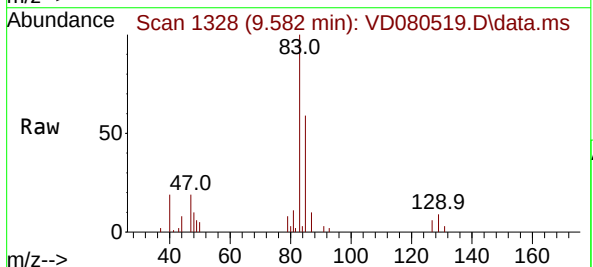


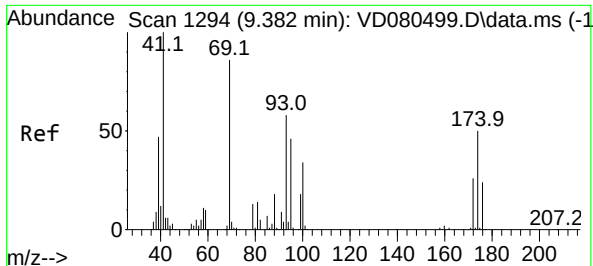
Tgt Ion: 93 Resp: 8397
Ion Ratio Lower Upper
93 100
95 86.7 66.3 99.5
174 93.7 74.8 112.2



#47
Bromodichloromethane
Concen: 3.875 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion: 83 Resp: 21063
Ion Ratio Lower Upper
83 100
85 59.4 52.2 78.2
127 6.5 6.6 9.8#





#48

Methyl methacrylate

Concen: 3.583 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VD080519.D

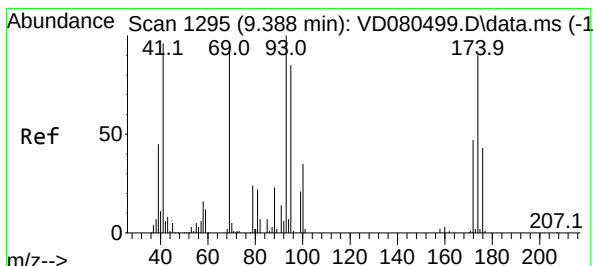
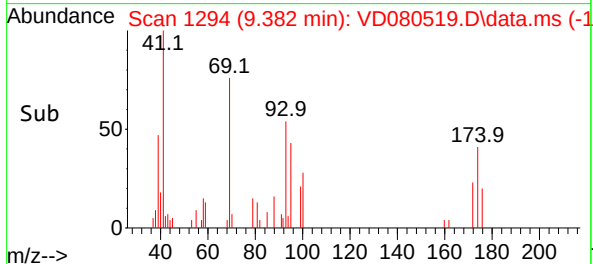
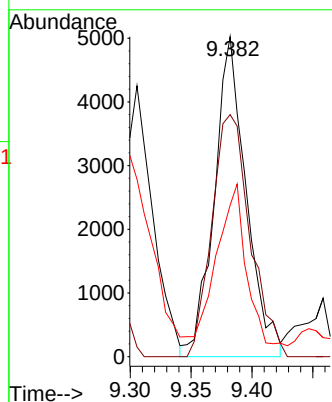
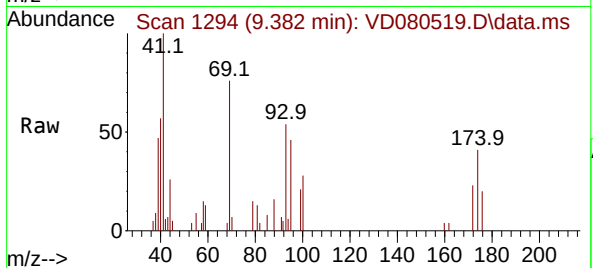
Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	41	Resp:	9164
Ion Ratio	Lower	Upper	
41	100		
69	90.7	68.7	103.1
39	47.6	36.5	54.7



#49

1,4-Dioxane

Concen: 79.258 ug/l

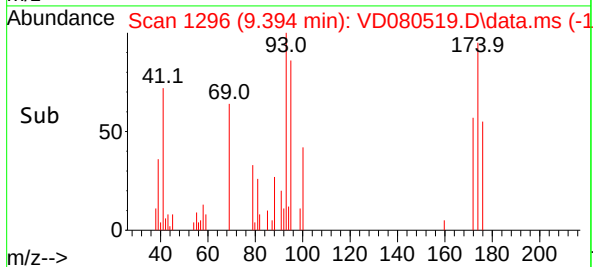
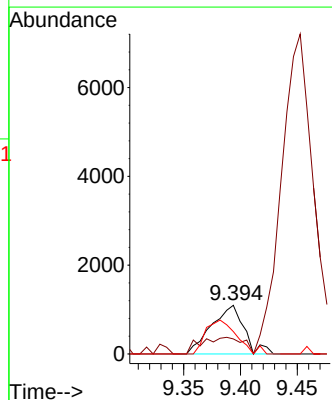
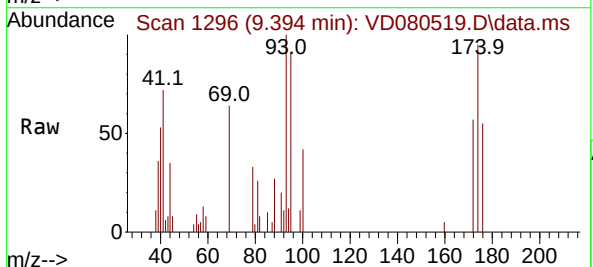
RT: 9.394 min Scan# 1296

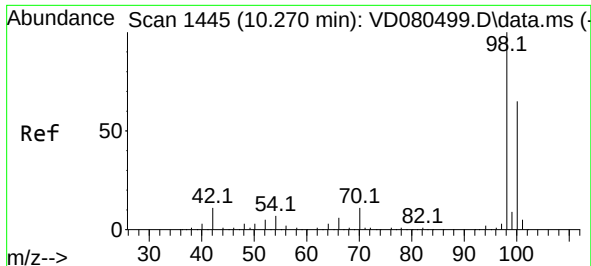
Delta R.T. 0.006 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Tgt Ion:	88	Resp:	2185
Ion Ratio	Lower	Upper	
88	100		
43	44.4	26.1	39.1
58	66.3	54.2	81.2

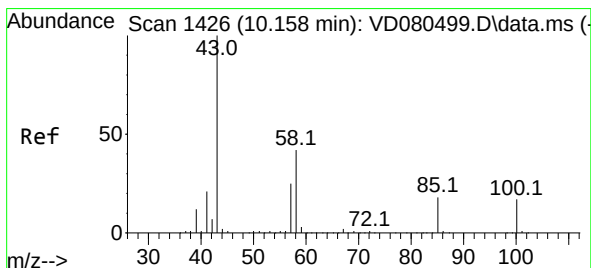
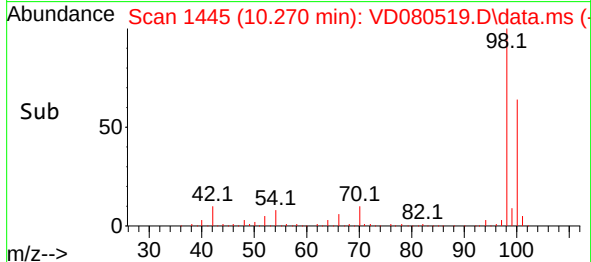
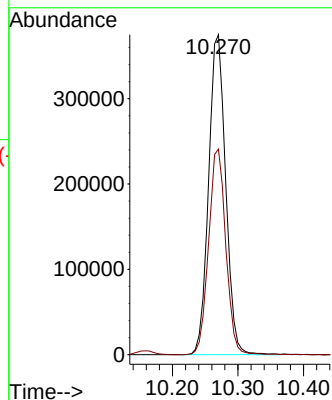
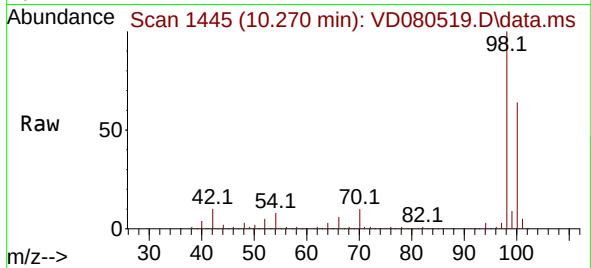




#50
Toluene-d8
Concen: 43.161 ug/l
RT: 10.270 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

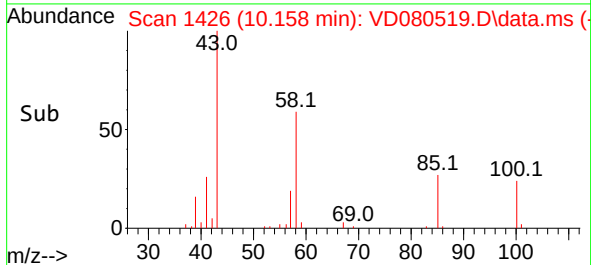
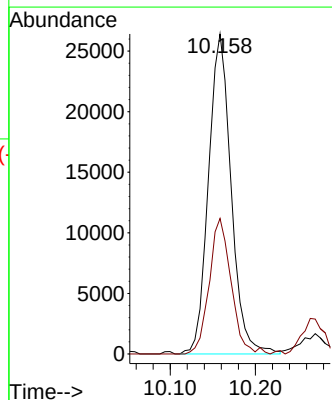
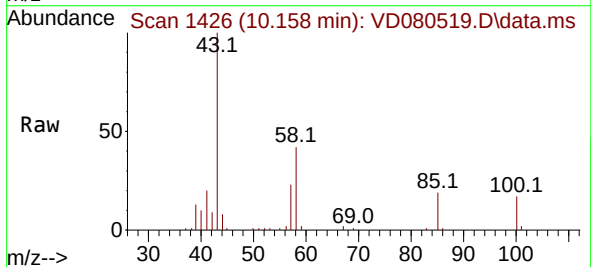
Instrument :
MSVOA_D
ClientSampleId :

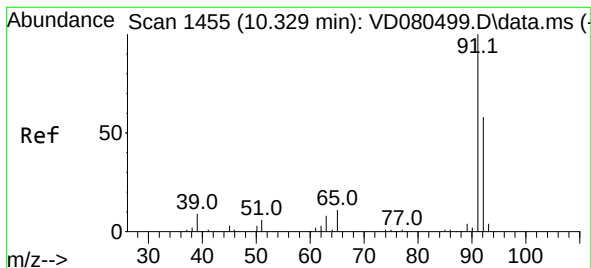
Tgt Ion: 98 Resp: 678495
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 18.994 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion: 43 Resp: 48875
Ion Ratio Lower Upper
43 100
58 40.8 32.8 49.2





#52

Toluene

Concen: 3.609 ug/l

RT: 10.329 min Scan# 1455

Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

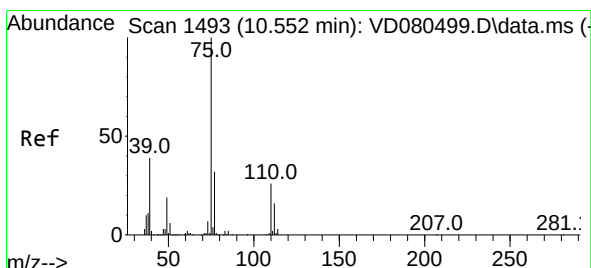
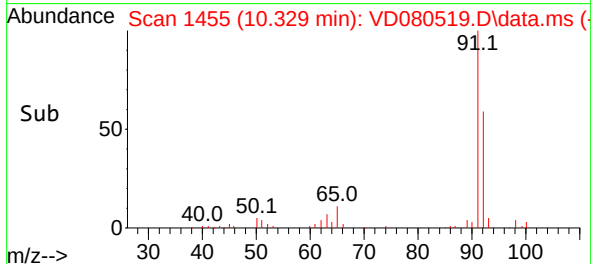
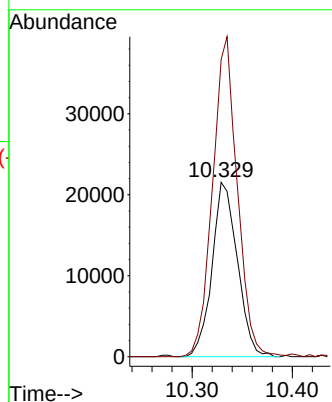
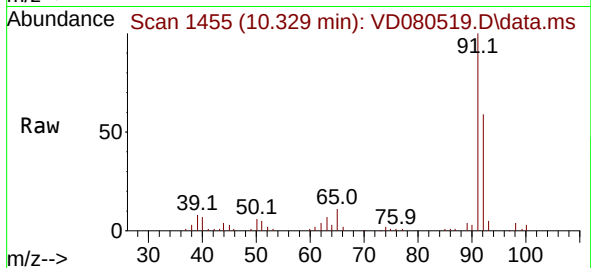
ClientSampleId :

Tgt Ion: 92 Resp: 37771

Ion Ratio Lower Upper

92 100

91 179.2 138.8 208.2



#53

t-1,3-Dichloropropene

Concen: 3.567 ug/l

RT: 10.553 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VD080519.D

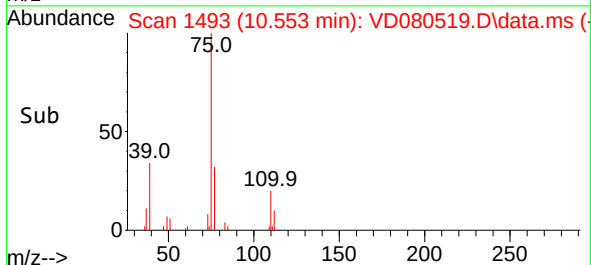
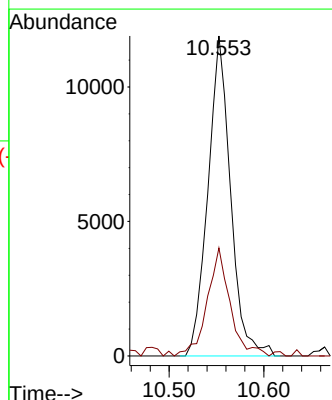
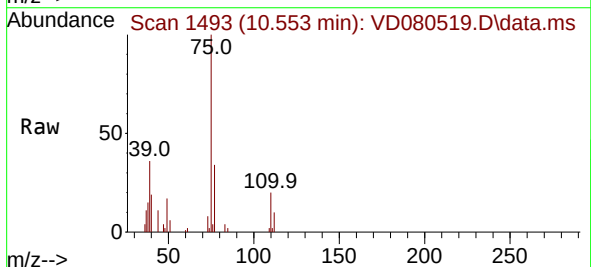
Acq: 05 Sep 2025 11:55

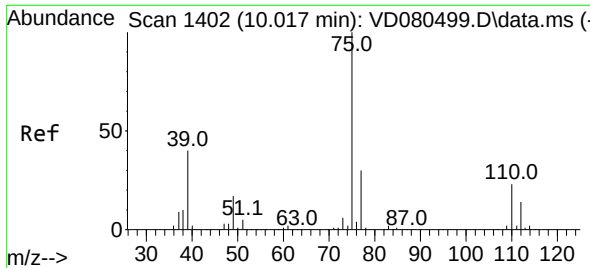
Tgt Ion: 75 Resp: 19762

Ion Ratio Lower Upper

75 100

77 32.5 25.9 38.9

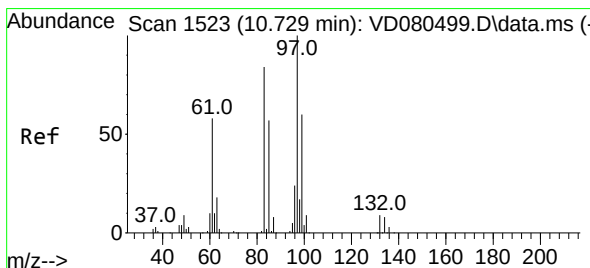
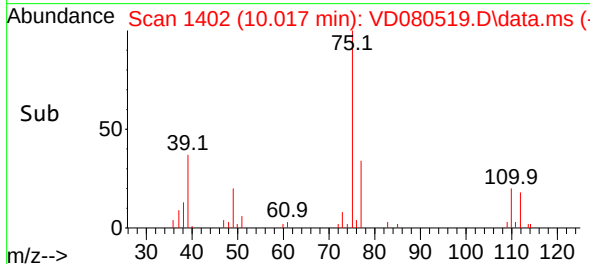
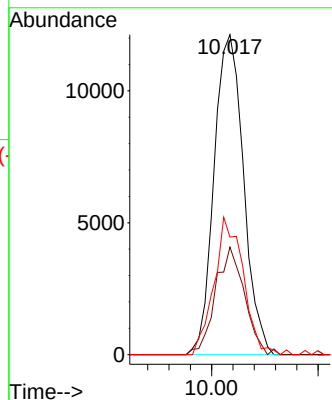
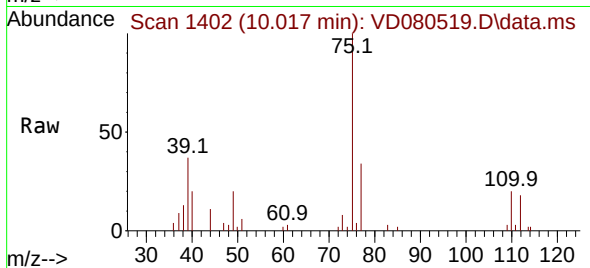




#54
 cis-1,3-Dichloropropene
 Concen: 3.516 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.000 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55

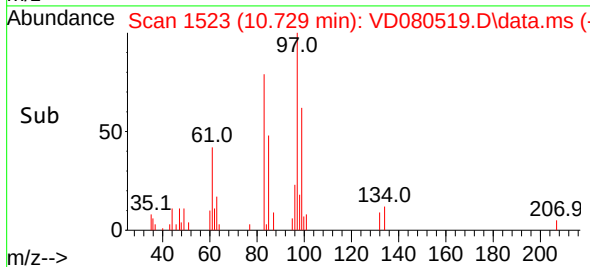
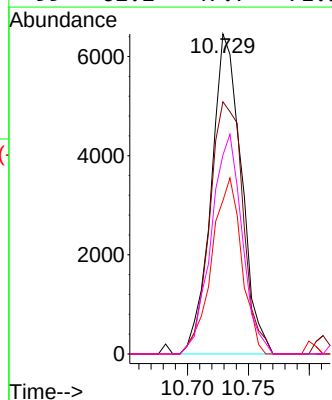
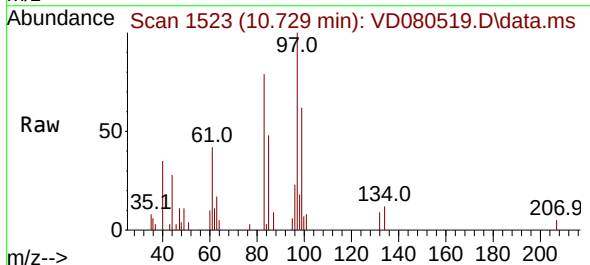
Instrument :
 MSVOA_D
 ClientSampleId :

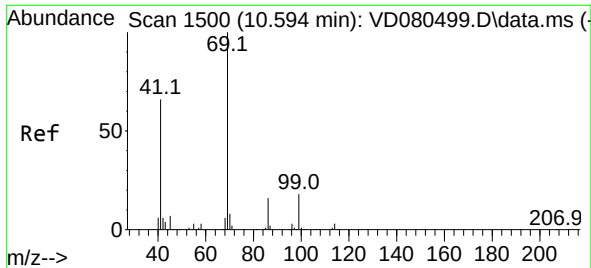
Tgt Ion: 75	Resp: 23297
Ion Ratio	Lower Upper
75 100	
77 33.6	24.2 36.4
39 36.7	31.8 47.6



#55
 1,1,2-Trichloroethane
 Concen: 3.724 ug/l
 RT: 10.729 min Scan# 1523
 Delta R.T. 0.000 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55

Tgt Ion: 97	Resp: 11134
Ion Ratio	Lower Upper
97 100	
83 78.8	67.0 100.6
85 47.9	45.6 68.4
99 62.2	47.7 71.5

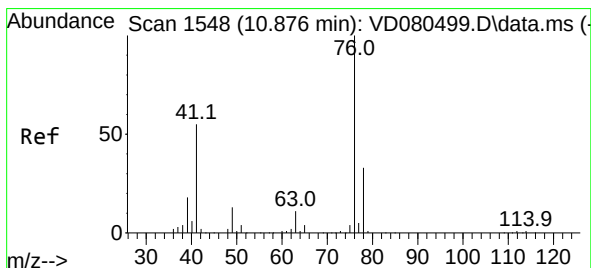
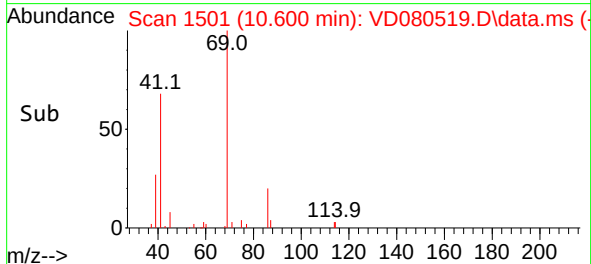
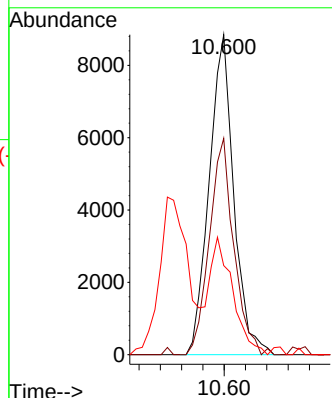
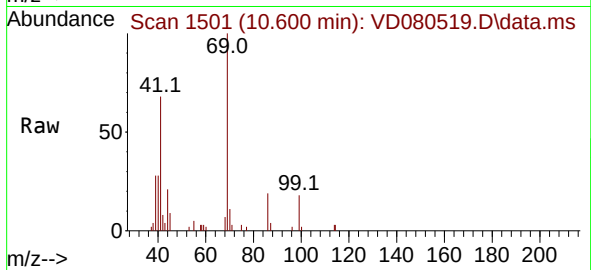




#56
Ethyl methacrylate
Concen: 3.406 ug/l
RT: 10.600 min Scan# 1501
Delta R.T. 0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

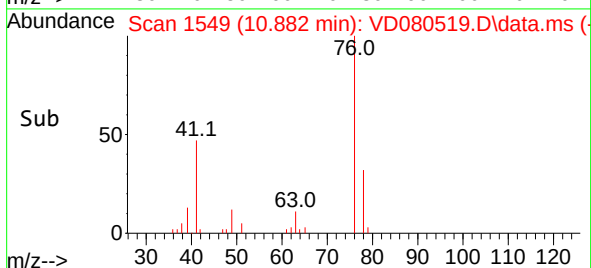
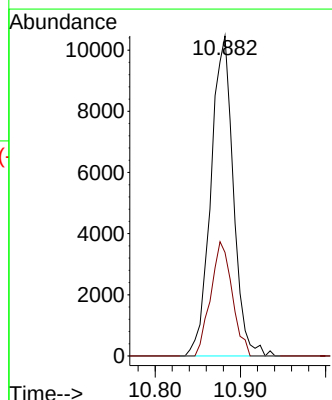
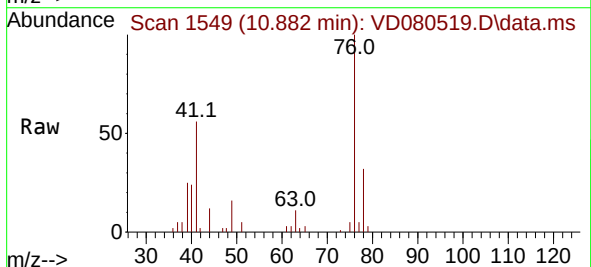
Instrument :
MSVOA_D
ClientSampleId :

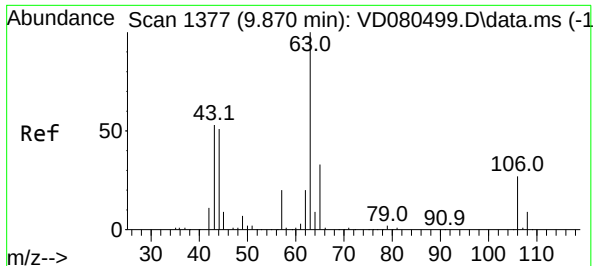
Tgt Ion: 69 Resp: 14189
Ion Ratio Lower Upper
69 100
41 67.2 51.9 77.9
39 36.2 23.6 35.4#



#57
1,3-Dichloropropane
Concen: 3.640 ug/l
RT: 10.882 min Scan# 1549
Delta R.T. 0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion: 76 Resp: 19098
Ion Ratio Lower Upper
76 100
78 34.2 26.9 40.3

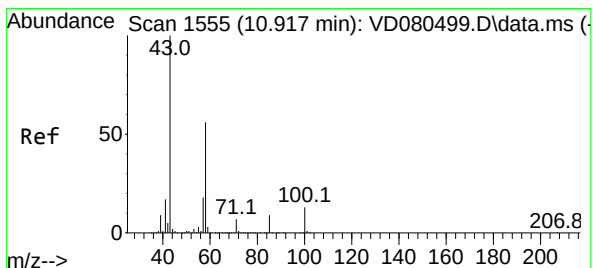
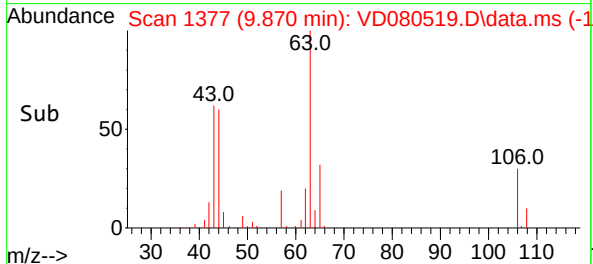
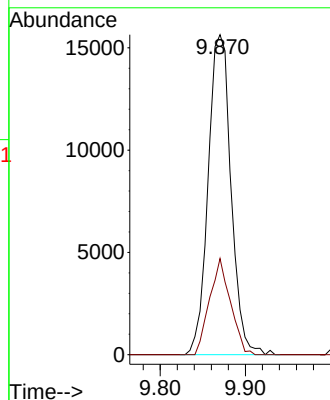
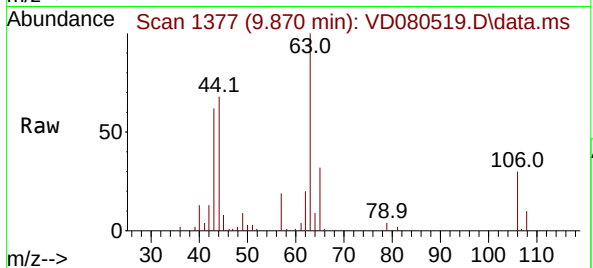




#58
2-Chloroethyl Vinyl ether
Concen: 18.146 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

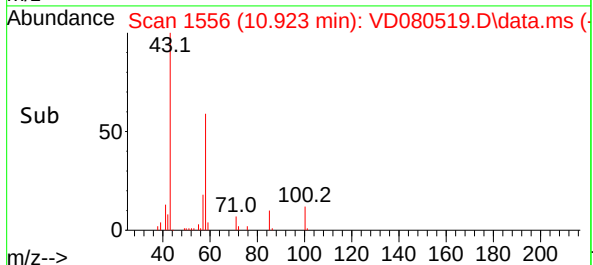
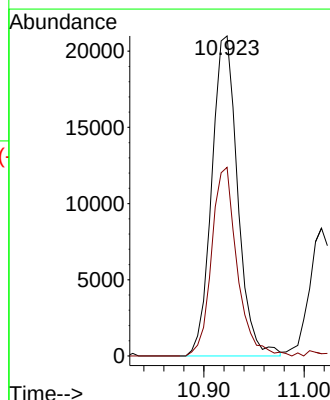
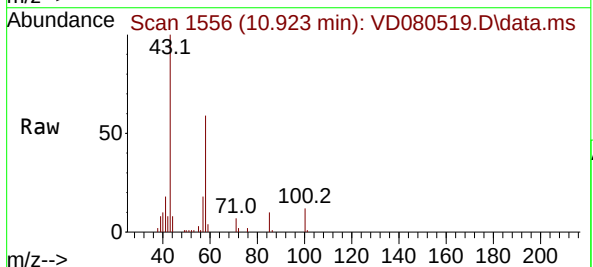
Instrument :
MSVOA_D
ClientSampleId :

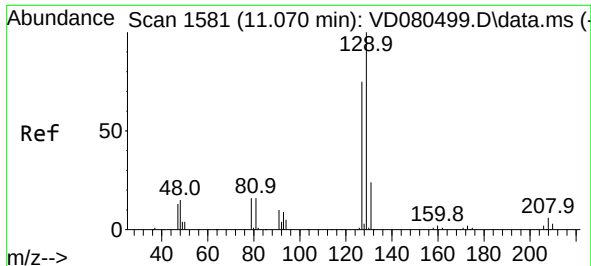
Tgt Ion: 63 Resp: 29251
Ion Ratio Lower Upper
63 100
106 27.5 22.1 33.1



#59
2-Hexanone
Concen: 20.609 ug/l
RT: 10.923 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion: 43 Resp: 37680
Ion Ratio Lower Upper
43 100
58 57.9 28.3 85.0

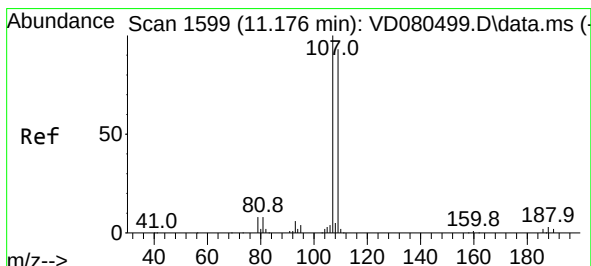
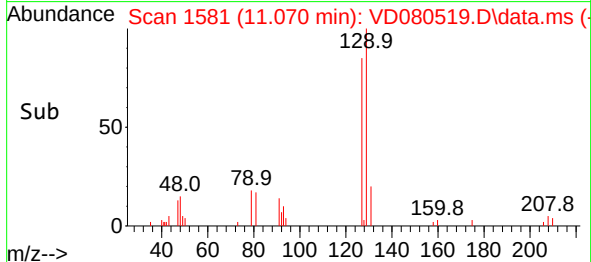
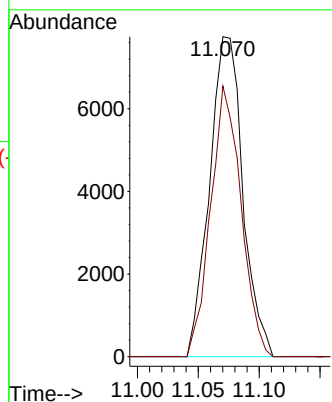
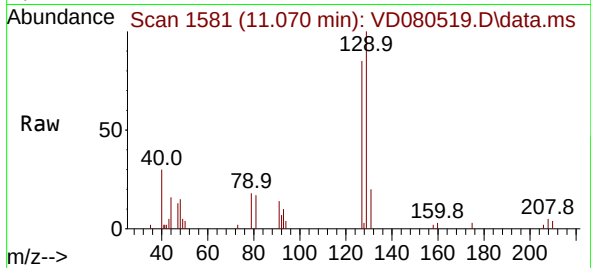




#60
Dibromochloromethane
Concen: 3.913 ug/l
RT: 11.070 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

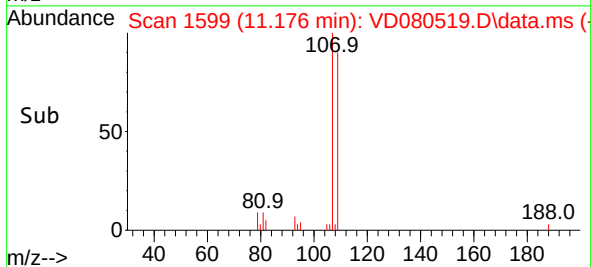
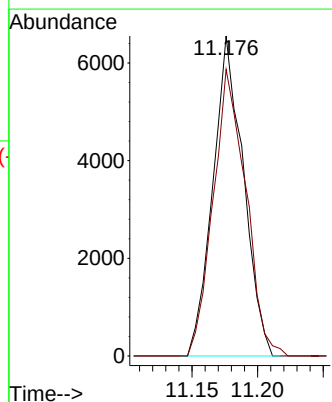
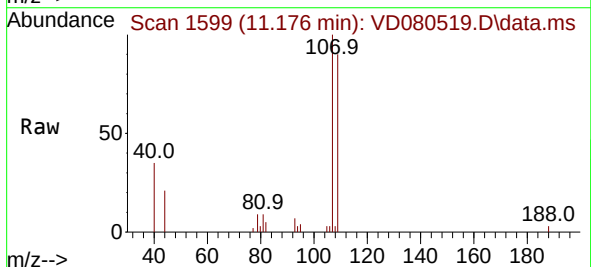
Instrument :
MSVOA_D
ClientSampleId :

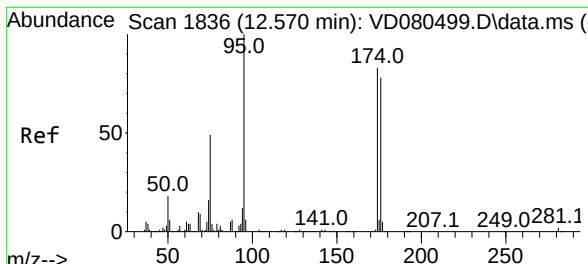
Tgt Ion:129 Resp: 14743
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7



#61
1,2-Dibromoethane
Concen: 3.719 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion:107 Resp: 10581
Ion Ratio Lower Upper
107 100
109 95.7 74.9 112.3

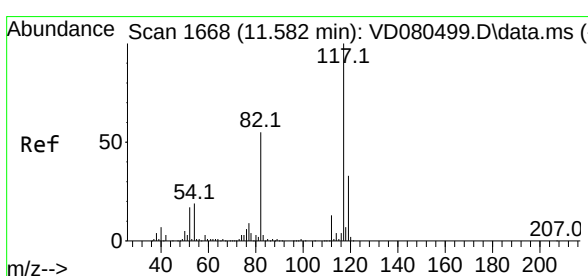
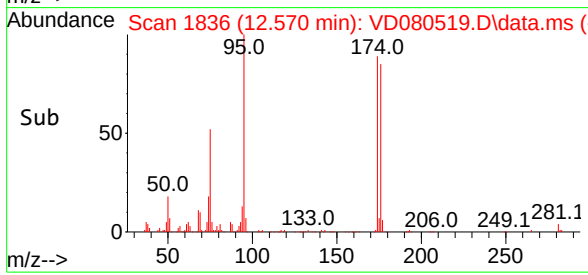
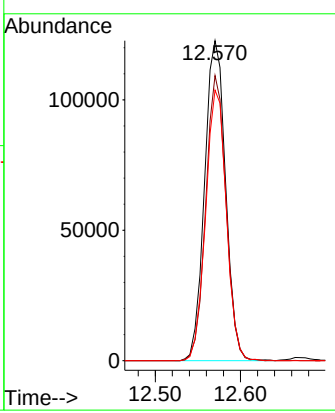
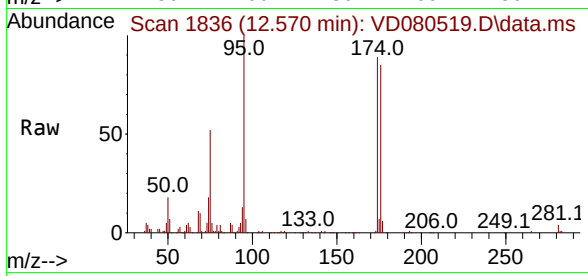




#62
 4-Bromofluorobenzene
 Concen: 40.979 ug/l
 RT: 12.570 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55

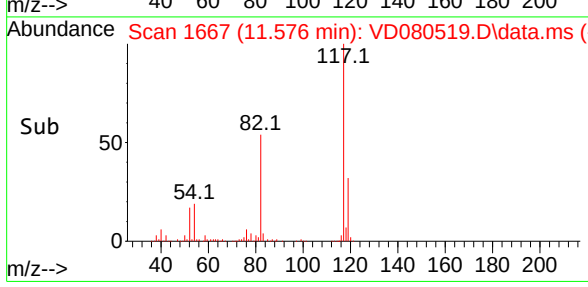
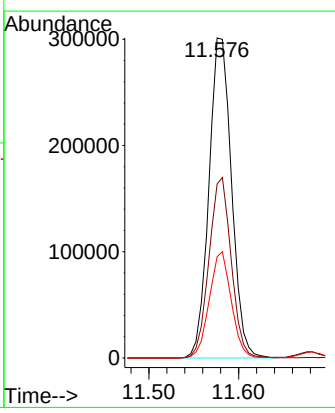
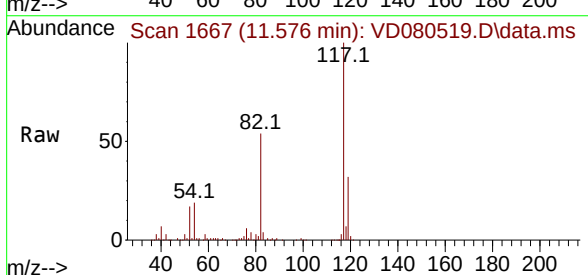
Instrument :
 MSVOA_D
 ClientSampleId :

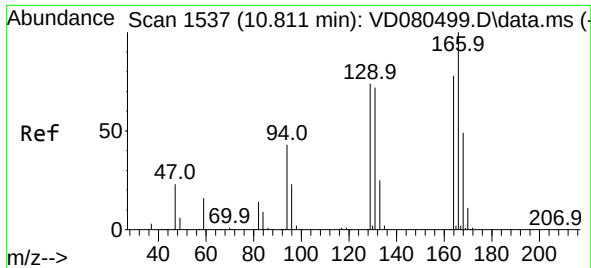
Tgt Ion:	95	Resp:	209802
Ion Ratio	Lower	Upper	
95	100		
174	85.9	0.0	162.6
176	83.4	0.0	156.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.576 min Scan# 1667
 Delta R.T. -0.006 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55

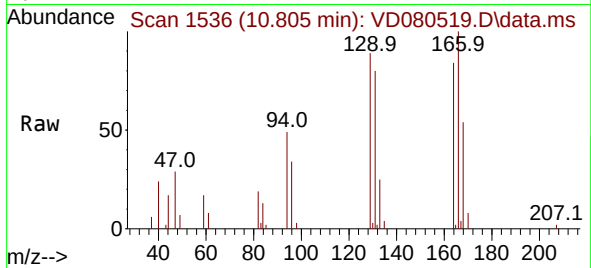
Tgt Ion:	117	Resp:	527661
Ion Ratio	Lower	Upper	
117	100		
82	54.4	43.8	65.6
119	31.6	26.1	39.1



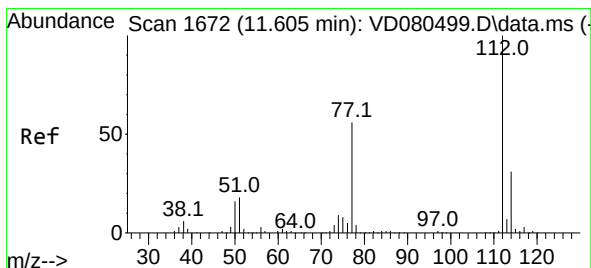
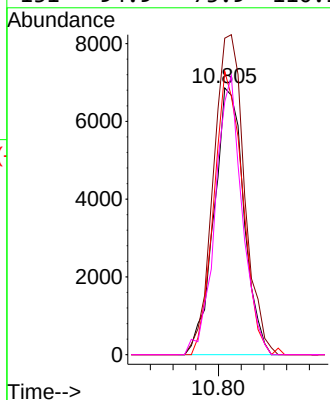
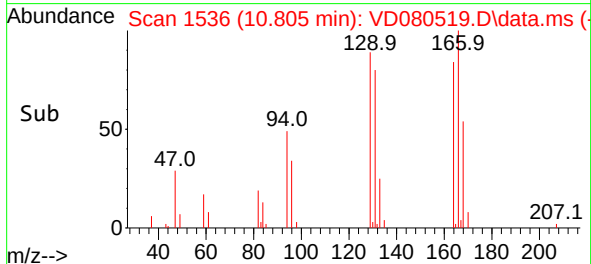


#64
Tetrachloroethene
Concen: 3.841 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. -0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Instrument :
MSVOA_D
ClientSampleId :

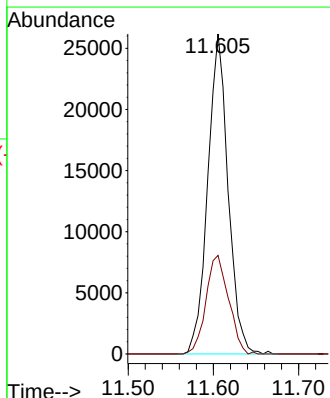
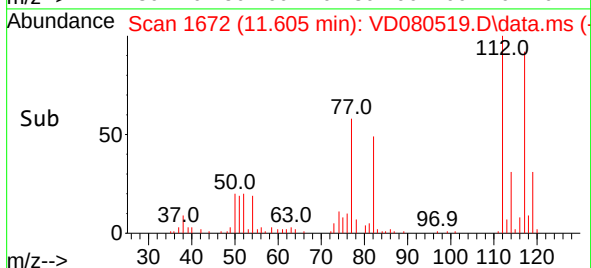
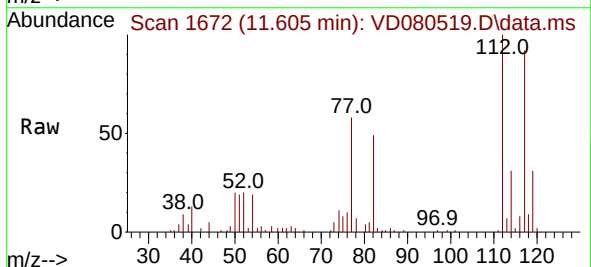


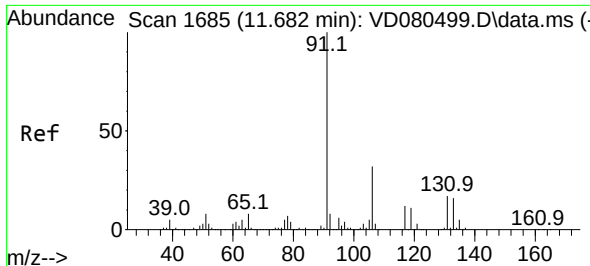
Tgt Ion:164	Resp:	12515
Ion	Ratio	Lower Upper
164	100	
166	118.7	103.1 154.7
129	106.2	76.2 114.2
131	94.9	73.9 110.9



#65
Chlorobenzene
Concen: 3.872 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion:112	Resp:	43543
Ion	Ratio	Lower Upper
112	100	
114	30.8	24.9 37.3

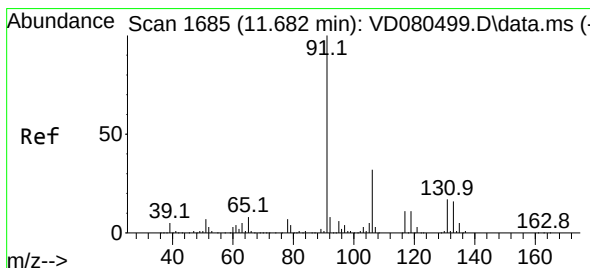
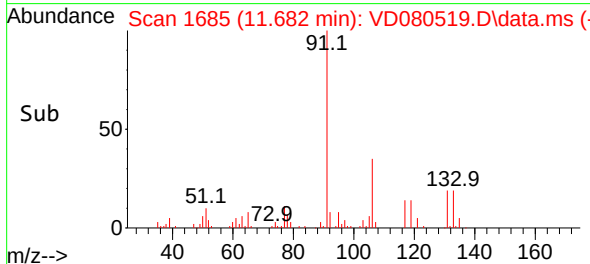
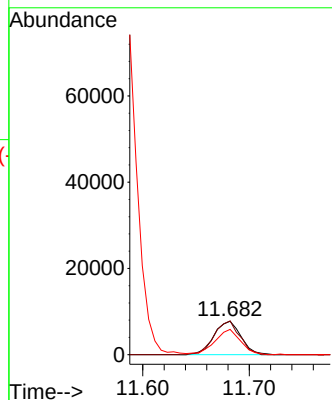
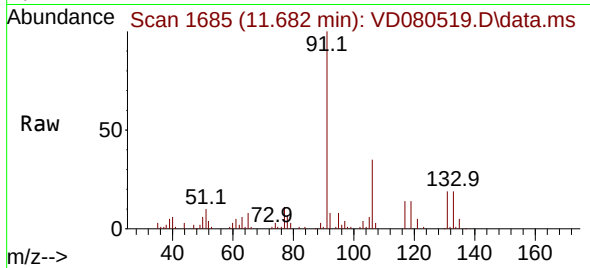




#66
 1,1,1,2-Tetrachloroethane
 Concen: 3.798 ug/l
 RT: 11.682 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55

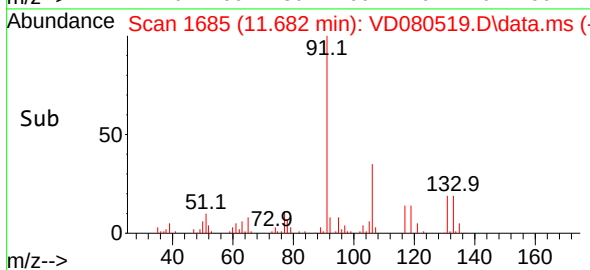
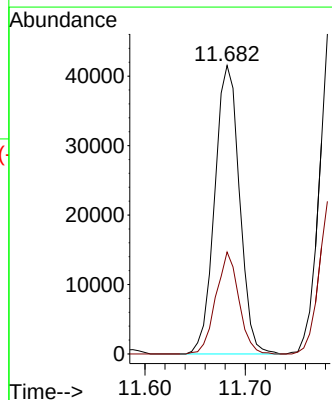
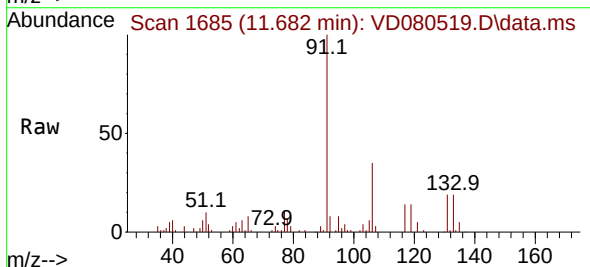
Instrument :
 MSVOA_D
 ClientSampleId :

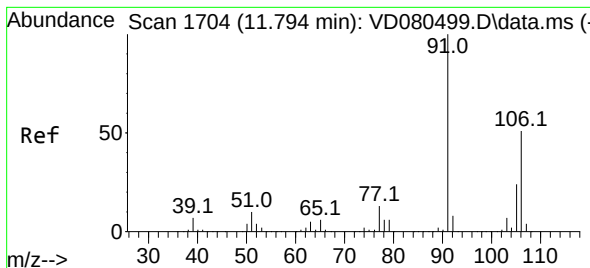
Tgt Ion:131 Resp: 13621
 Ion Ratio Lower Upper
 131 100
 133 96.5 47.8 143.3
 119 72.2 34.6 103.9



#67
 Ethyl Benzene
 Concen: 3.669 ug/l
 RT: 11.682 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55

Tgt Ion: 91 Resp: 71413
 Ion Ratio Lower Upper
 91 100
 106 35.3 25.4 38.0





#68

m/p-Xylenes

Concen: 7.293 ug/l

RT: 11.788 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

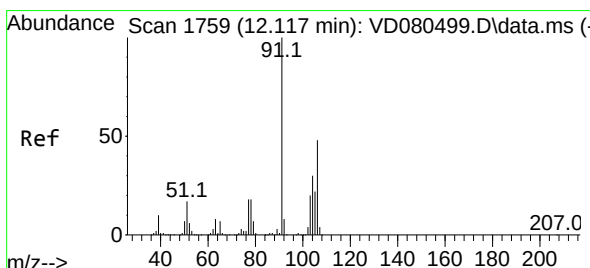
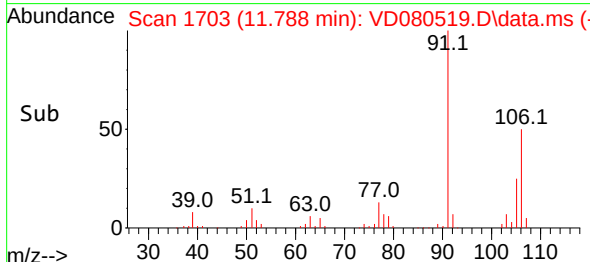
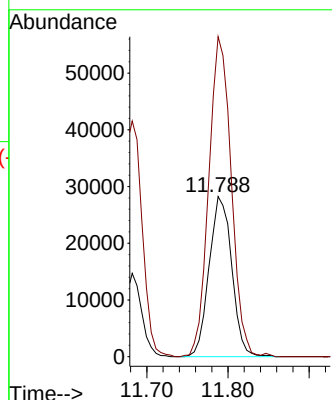
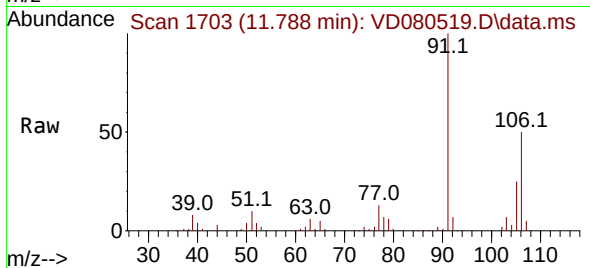
ClientSampleId :

Tgt Ion:106 Resp: 54655

Ion Ratio Lower Upper

106 100

91 198.2 158.5 237.7



#69

o-Xylene

Concen: 3.705 ug/l

RT: 12.117 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VD080519.D

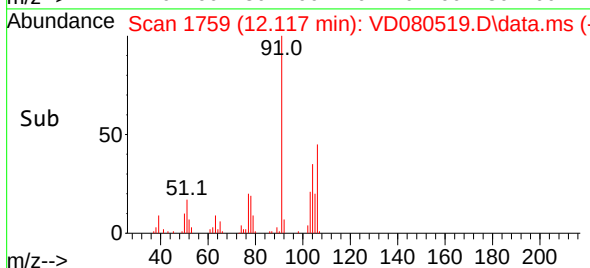
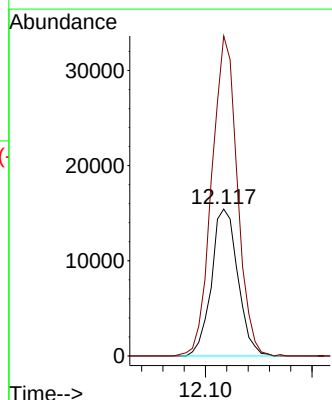
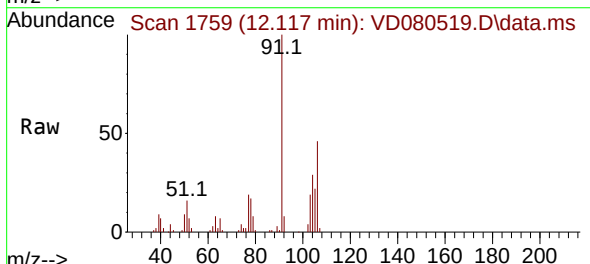
Acq: 05 Sep 2025 11:55

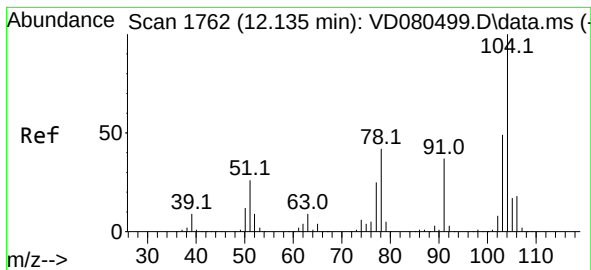
Tgt Ion:106 Resp: 26496

Ion Ratio Lower Upper

106 100

91 211.1 105.3 315.8





#70

Styrene

Concen: 3.675 ug/l

RT: 12.135 min Scan# 1762

Delta R.T. 0.000 min

Lab File: VD080519.D

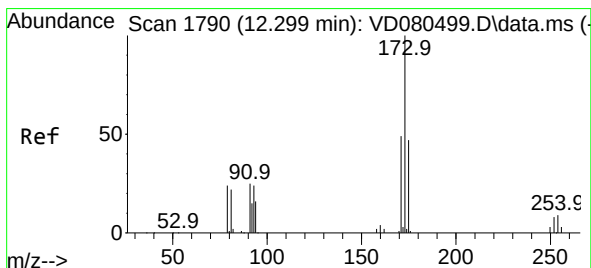
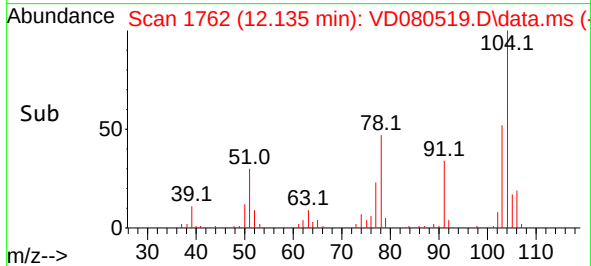
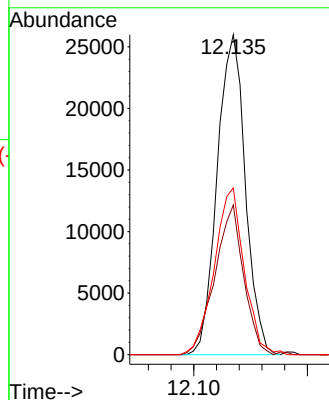
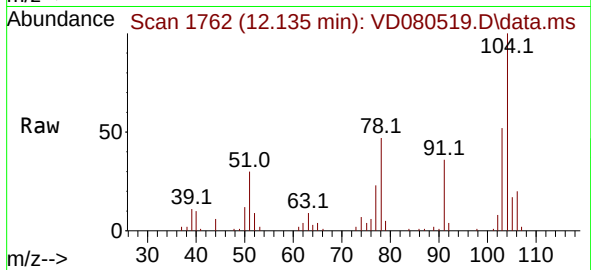
Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:104	Resp:	44704
Ion Ratio	Lower	Upper
104	100	
78	47.7	37.9 56.9
103	55.5	43.5 65.3



#71

Bromoform

Concen: 4.217 ug/l

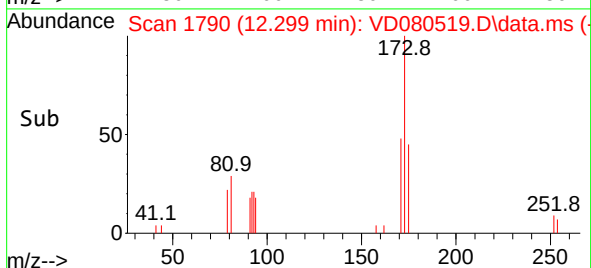
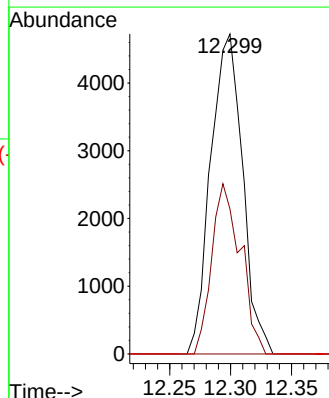
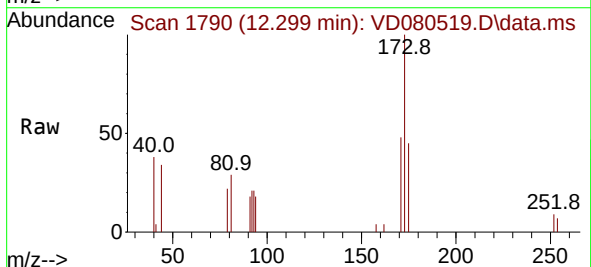
RT: 12.299 min Scan# 1790

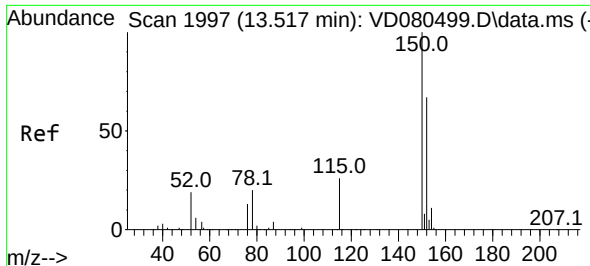
Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Tgt Ion:173	Resp:	8596
Ion Ratio	Lower	Upper
173	100	
175	48.3	23.9 71.7
254	0.0	0.0 0.0

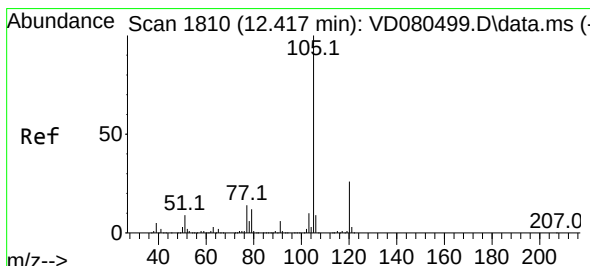
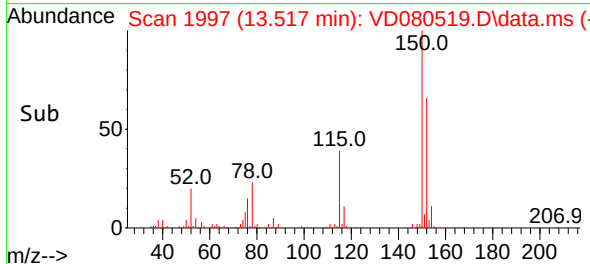
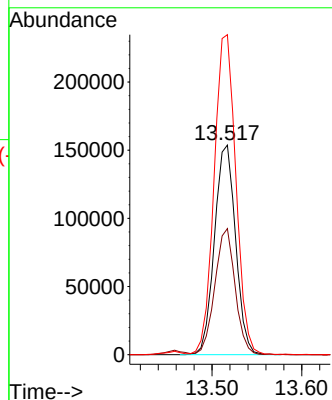
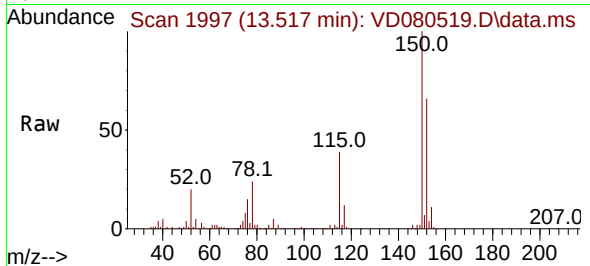




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

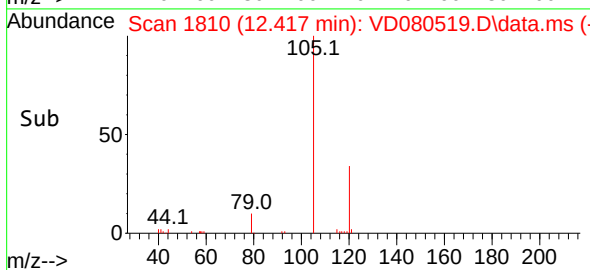
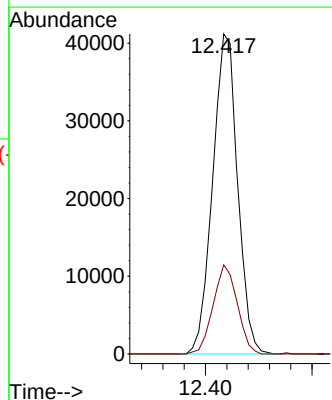
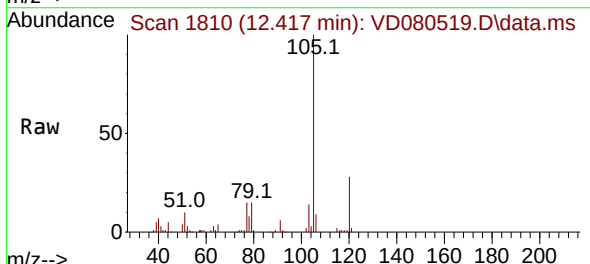
Instrument :
MSVOA_D
ClientSampleId :

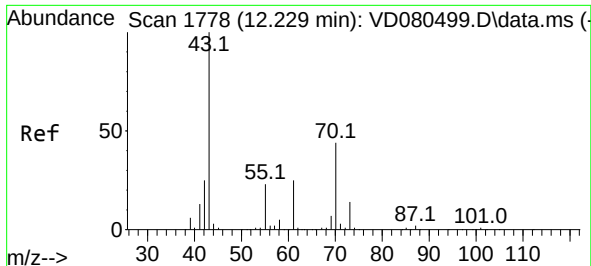
Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.0	87.0
150	157.3	0.0	345.0



#73
Isopropylbenzene
Concen: 3.631 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.5	40.4

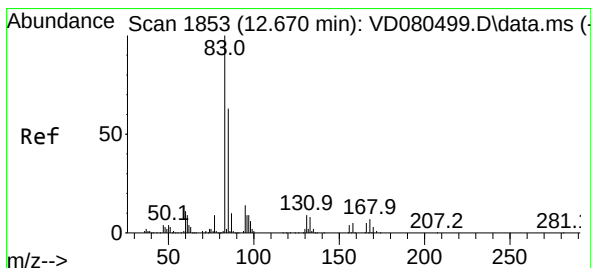
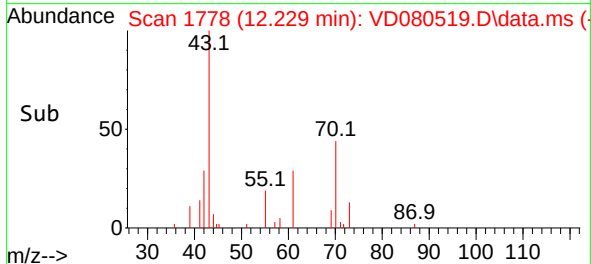
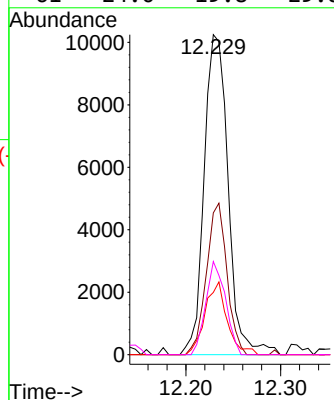
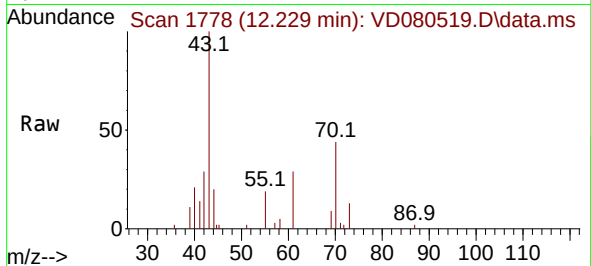




#74
N-amy1 acetate
Concen: 3.706 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

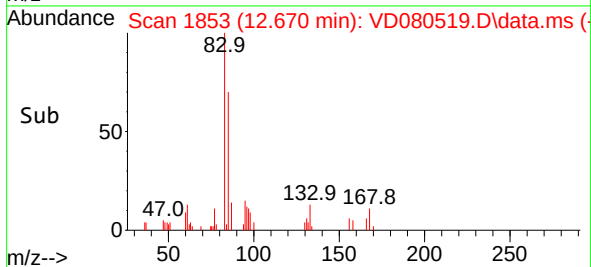
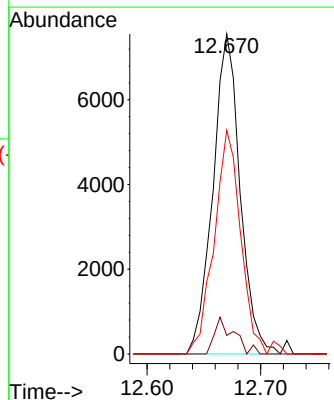
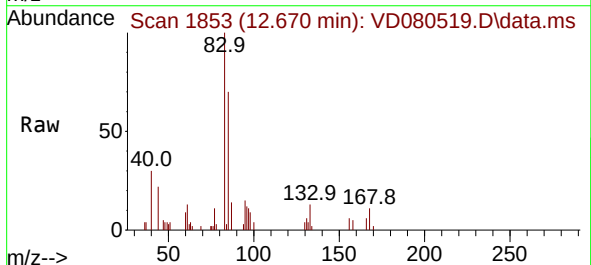
Instrument :
MSVOA_D
ClientSampleId :

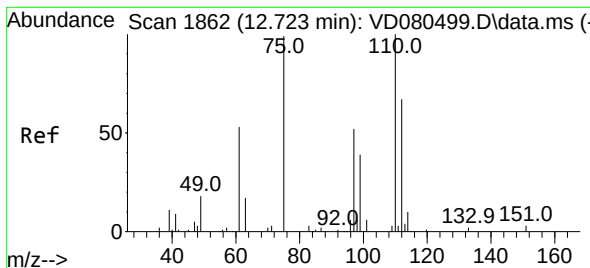
Tgt Ion: 43	Resp: 18092
Ion Ratio	Lower Upper
43 100	
70 40.5	35.4 53.0
55 20.9	18.6 28.0
61 24.0	19.8 29.8



#75
1,1,2,2-Tetrachloroethane
Concen: 3.678 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion: 83	Resp: 12579
Ion Ratio	Lower Upper
83 100	
131 8.1	5.0 15.0
85 67.7	31.9 95.9





#76

1,2,3-Trichloropropane

Concen: 8.149 ug/l

RT: 12.723 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

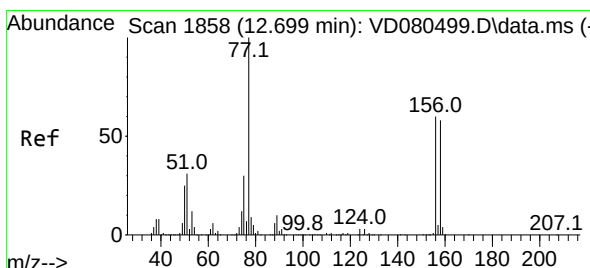
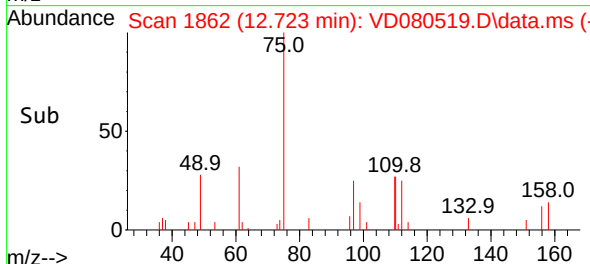
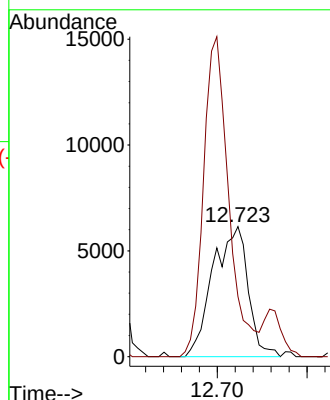
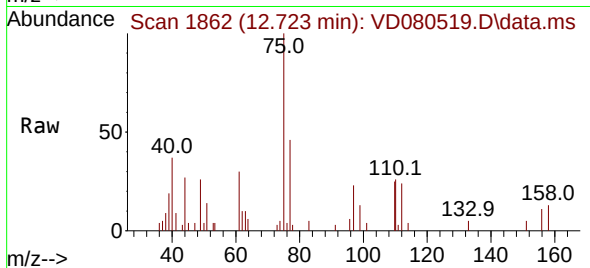
ClientSampleId :

Tgt Ion: 75 Resp: 16699

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#77

Bromobenzene

Concen: 3.719 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

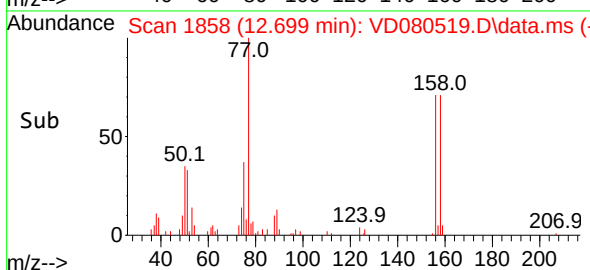
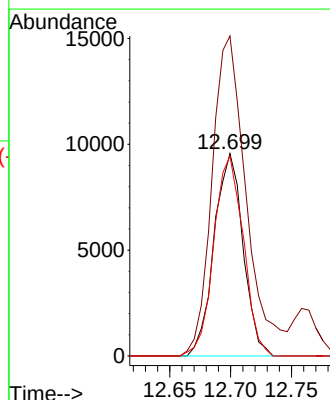
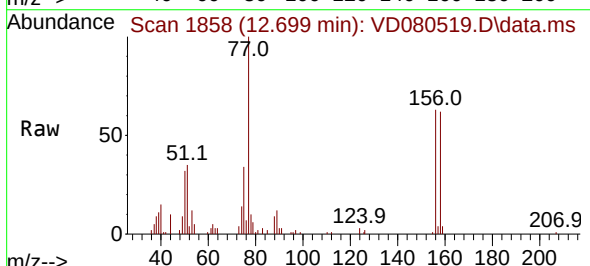
Tgt Ion: 156 Resp: 15831

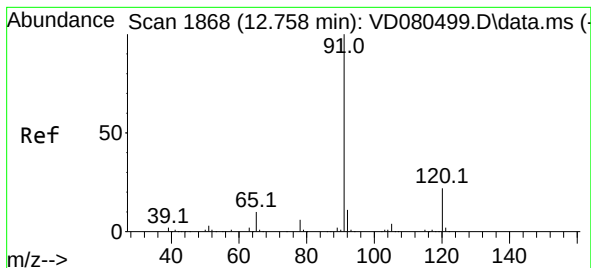
Ion Ratio Lower Upper

156 100

77 187.4 92.5 277.3

158 100.7 47.9 143.6





#78

n-propylbenzene

Concen: 3.696 ug/l

RT: 12.758 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

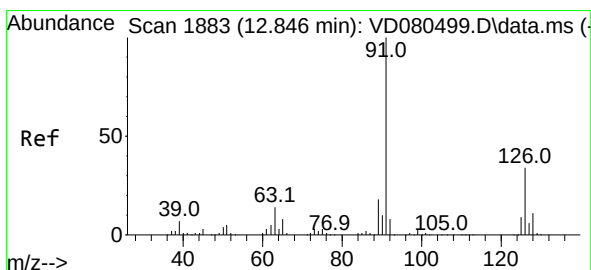
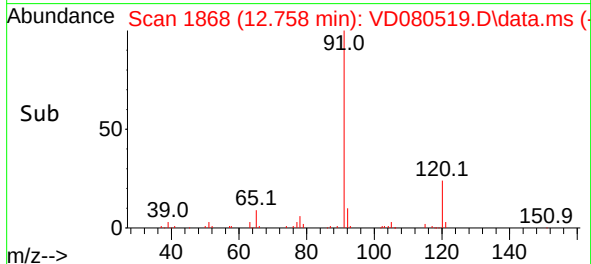
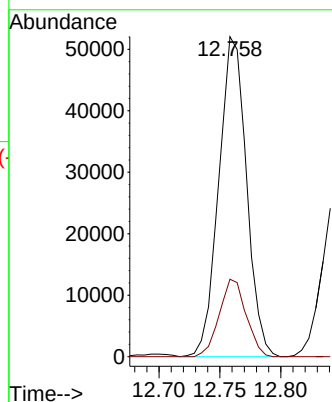
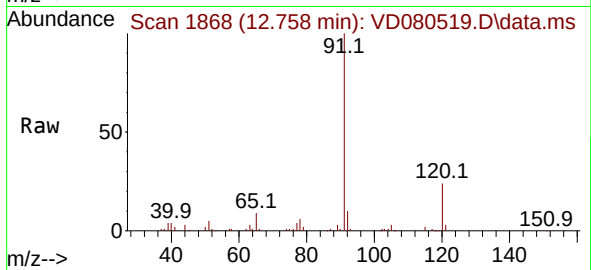
ClientSampleId :

Tgt Ion: 91 Resp: 82561

Ion Ratio Lower Upper

91 100

120 23.3 11.3 33.9



#79

2-Chlorotoluene

Concen: 3.647 ug/l

RT: 12.847 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VD080519.D

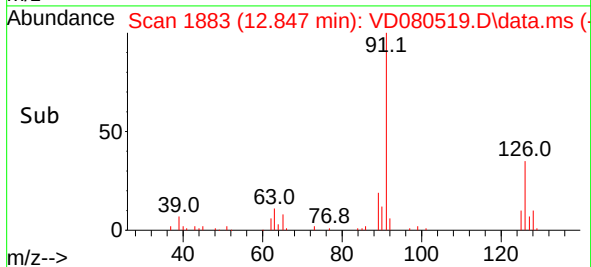
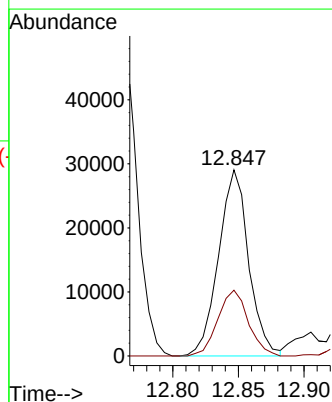
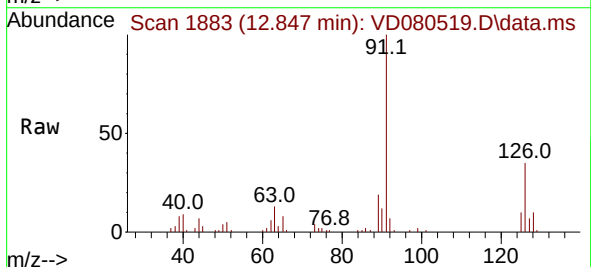
Acq: 05 Sep 2025 11:55

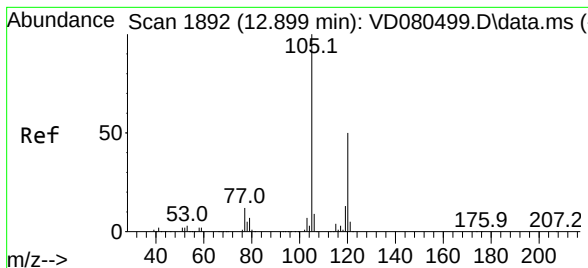
Tgt Ion: 91 Resp: 46428

Ion Ratio Lower Upper

91 100

126 35.6 17.1 51.2





#80

1,3,5-Trimethylbenzene

Concen: 3.630 ug/l

RT: 12.899 min Scan# 1892

Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

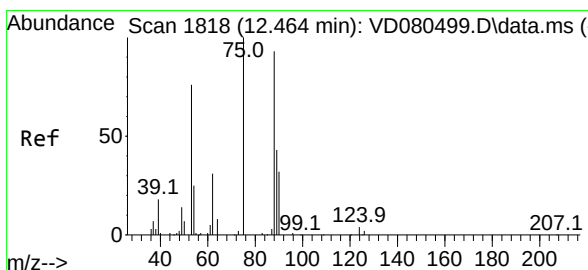
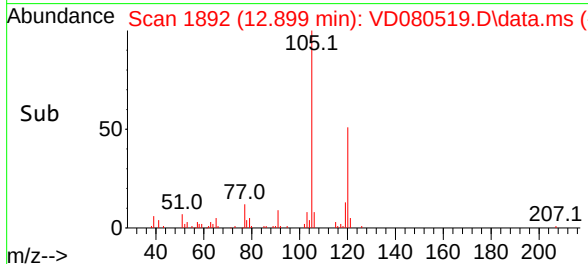
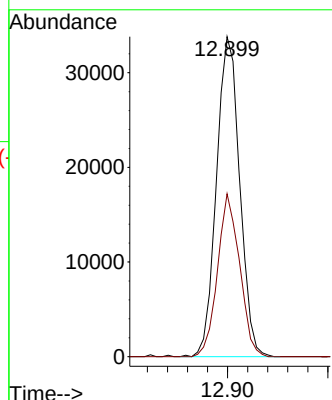
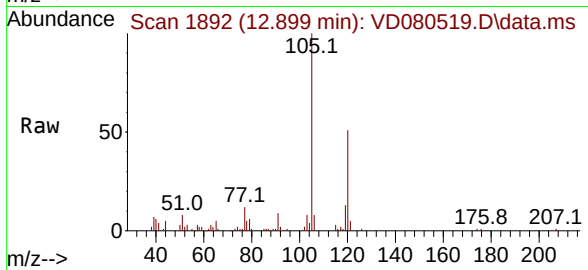
ClientSampleId :

Tgt Ion:105 Resp: 54271

Ion Ratio Lower Upper

105 100

120 48.4 24.7 74.1



#81

trans-1,4-Dichloro-2-butene

Concen: 3.685 ug/l

RT: 12.464 min Scan# 1818

Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

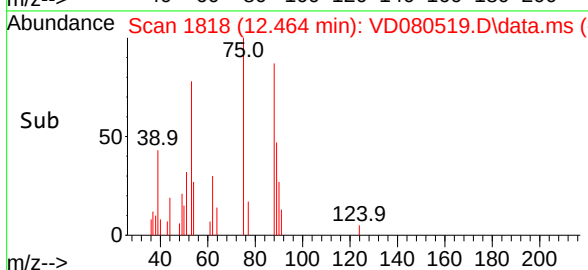
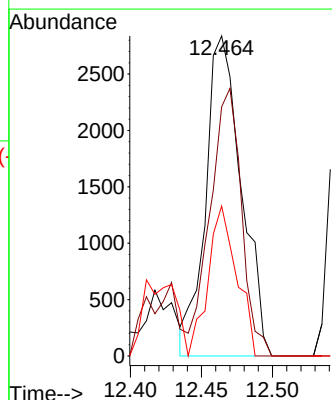
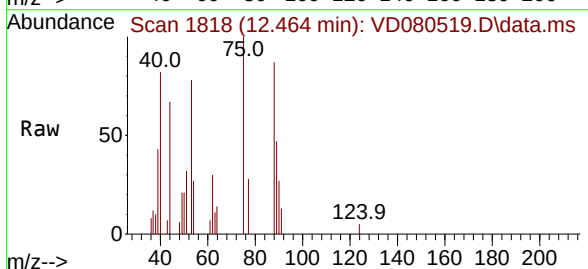
Tgt Ion: 75 Resp: 4976

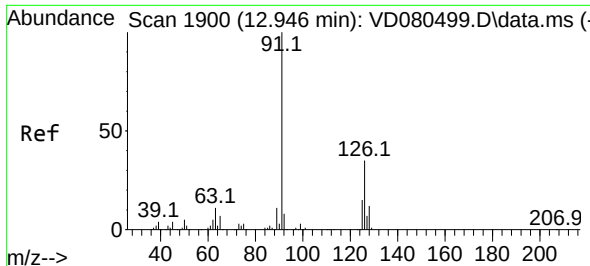
Ion Ratio Lower Upper

75 100

53 73.0 61.9 92.9

89 37.5 34.6 52.0

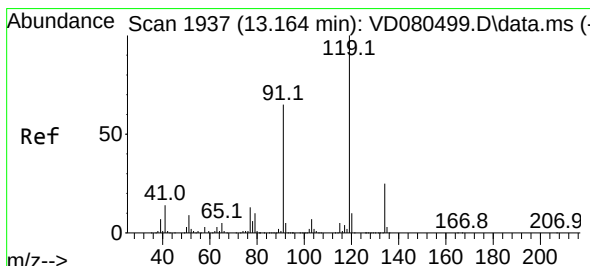
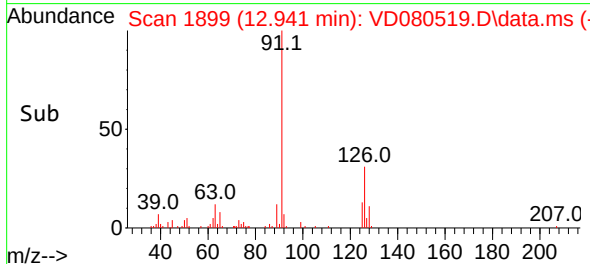
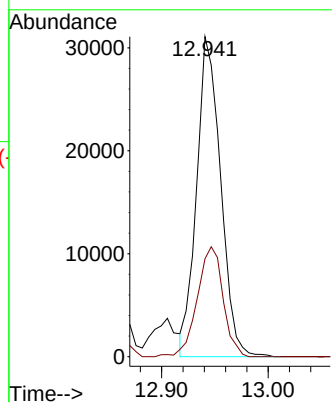
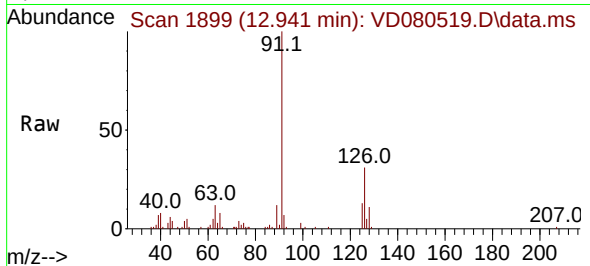




#82
4-Chlorotoluene
Concen: 3.723 ug/l
RT: 12.941 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

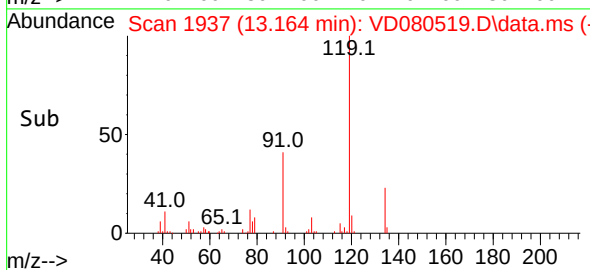
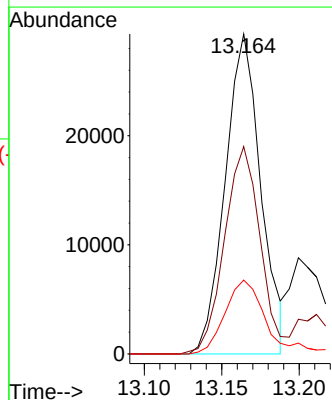
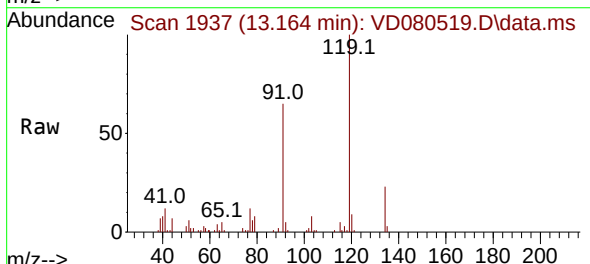
Instrument :
MSVOA_D
ClientSampleId :

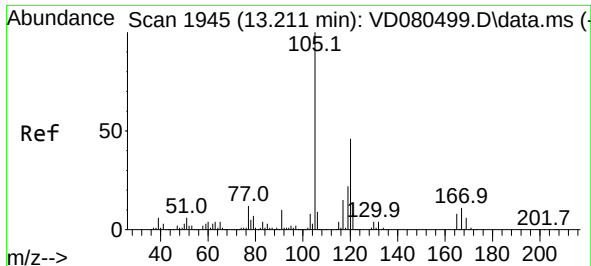
Tgt Ion: 91 Resp: 48752
Ion Ratio Lower Upper
91 100
126 36.9 16.9 50.7



#83
tert-Butylbenzene
Concen: 3.606 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion: 119 Resp: 46775
Ion Ratio Lower Upper
119 100
91 65.7 32.0 96.0
134 26.4 13.5 40.5

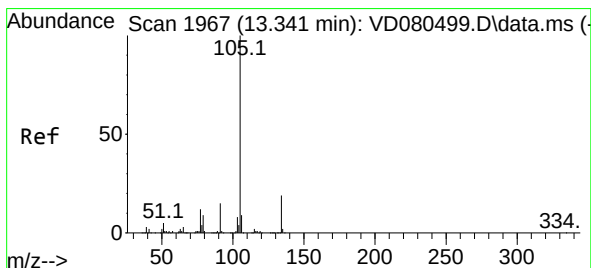
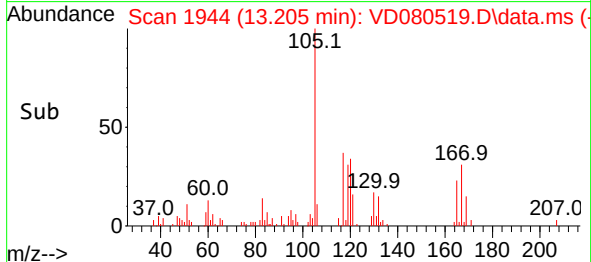
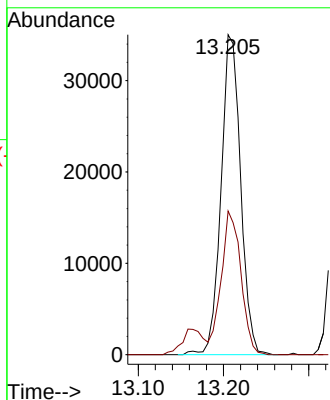
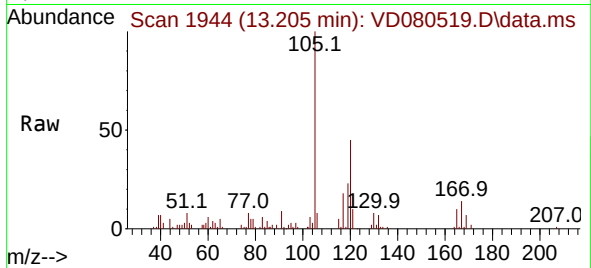




#84
1,2,4-Trimethylbenzene
Concen: 3.716 ug/l
RT: 13.205 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

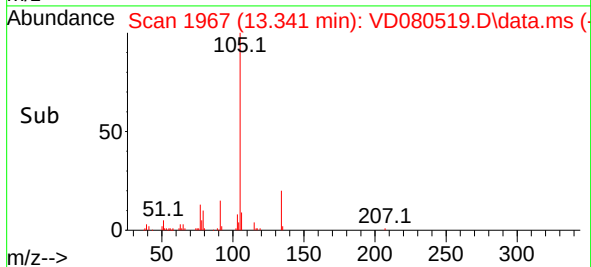
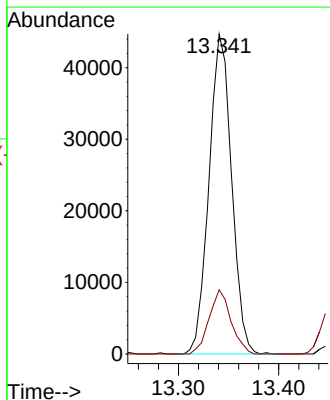
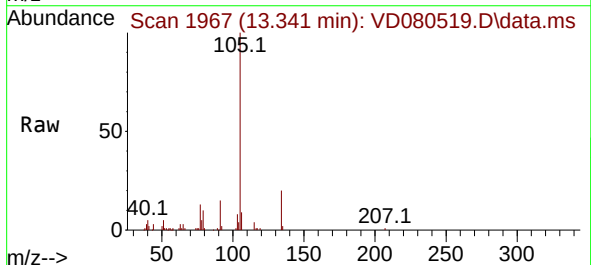
Instrument :
MSVOA_D
ClientSampleId :

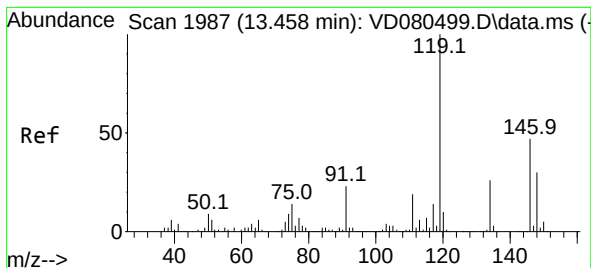
Tgt Ion:105 Resp: 55934
Ion Ratio Lower Upper
105 100
120 45.3 22.5 67.5



#85
sec-Butylbenzene
Concen: 3.621 ug/l
RT: 13.341 min Scan# 1967
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion:105 Resp: 70103
Ion Ratio Lower Upper
105 100
134 19.5 9.8 29.4

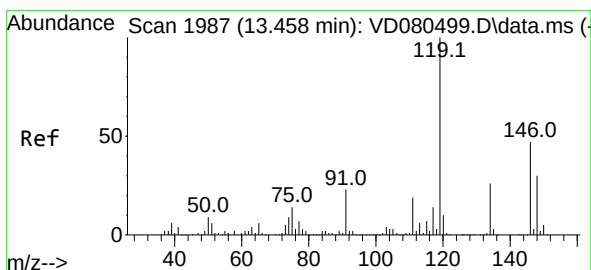
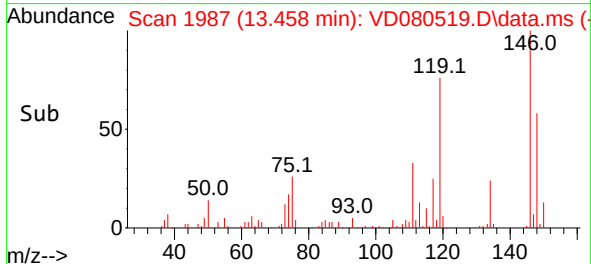
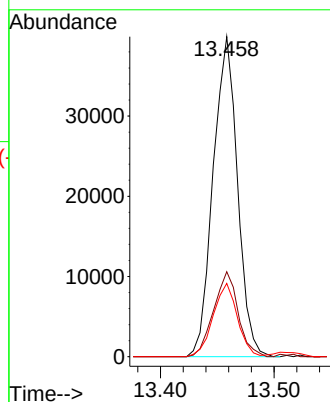
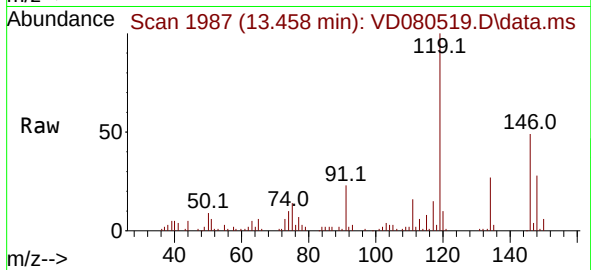




#86
p-Isopropyltoluene
Concen: 3.670 ug/l
RT: 13.458 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

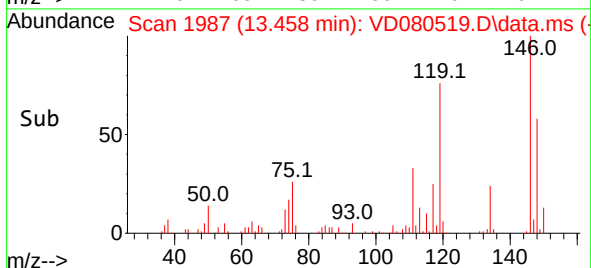
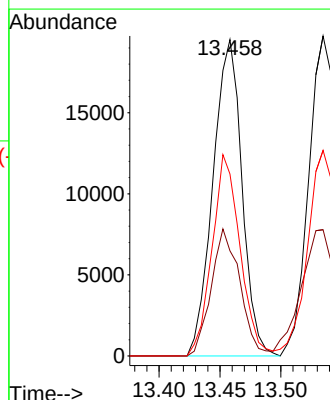
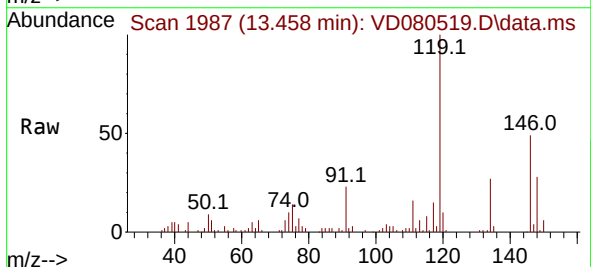
Instrument :
MSVOA_D
ClientSampleId :

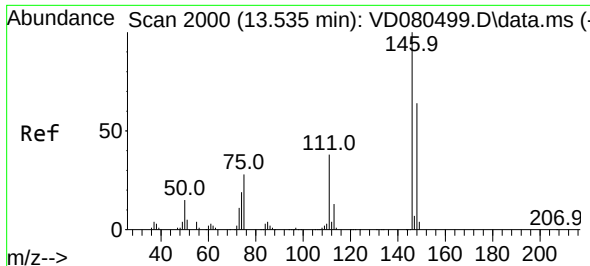
Tgt Ion:119 Resp: 59425
Ion Ratio Lower Upper
119 100
134 26.7 13.0 39.0
91 22.8 11.2 33.5



#87
1,3-Dichlorobenzene
Concen: 3.939 ug/l
RT: 13.458 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion:146 Resp: 32325
Ion Ratio Lower Upper
146 100
111 39.9 19.9 59.6
148 61.5 31.8 95.4

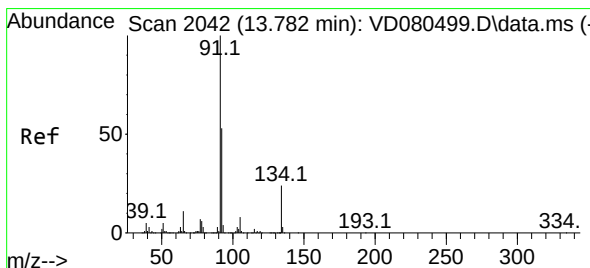
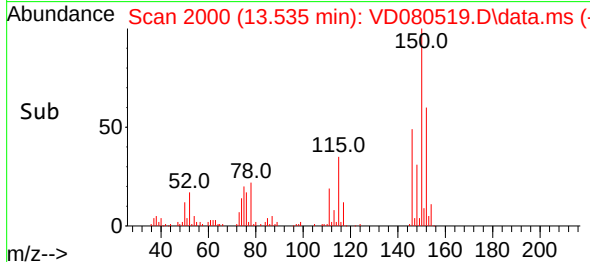
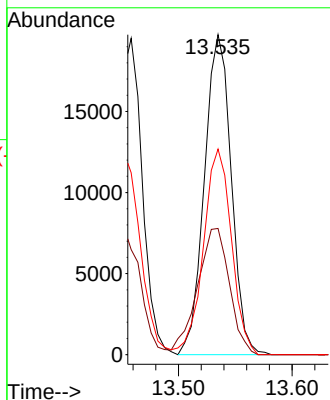
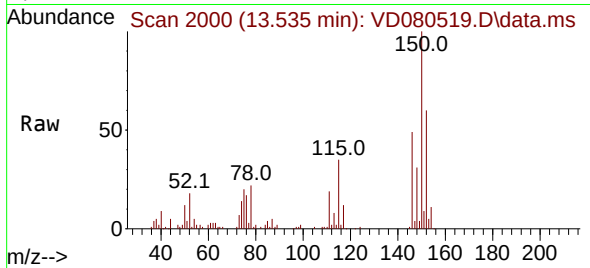




#88
1,4-Dichlorobenzene
Concen: 3.929 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

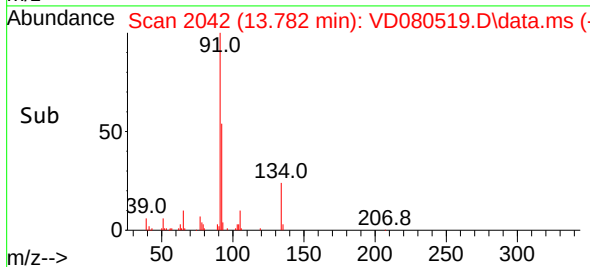
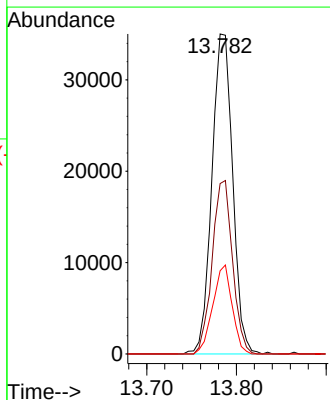
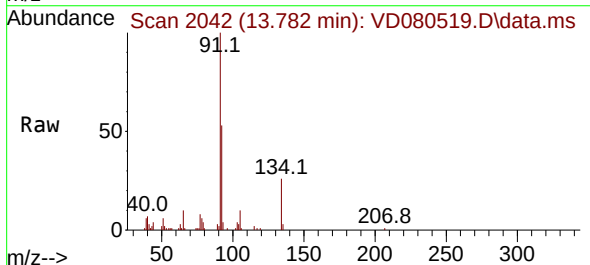
Instrument :
MSVOA_D
ClientSampleId :

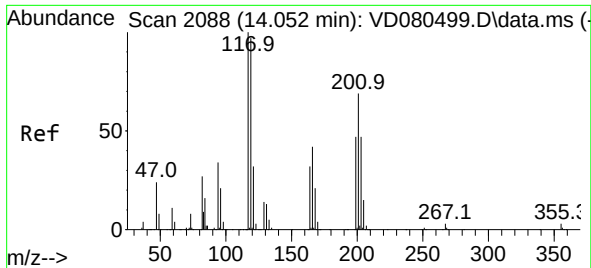
Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.1	19.4	58.1
148	67.2	32.1	96.5



#89
n-Butylbenzene
Concen: 3.652 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.6	79.8
134	25.8	12.4	37.2

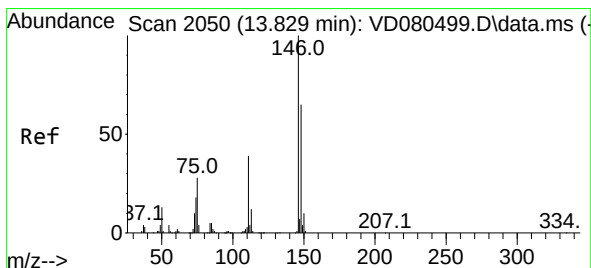
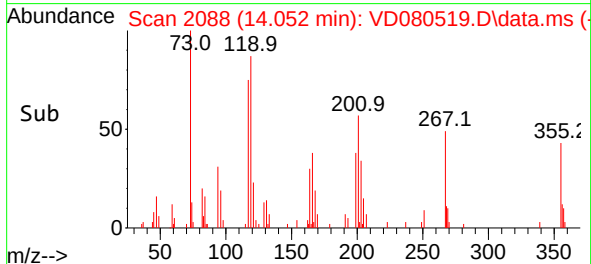
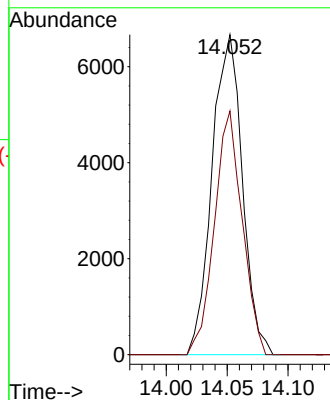
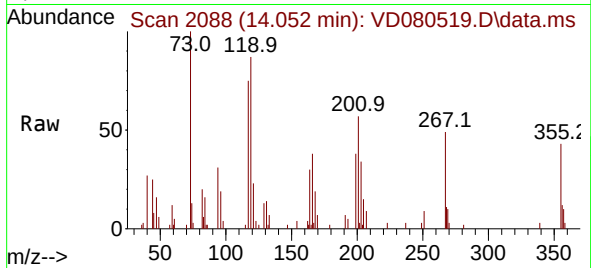




#90
Hexachloroethane
Concen: 3.688 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

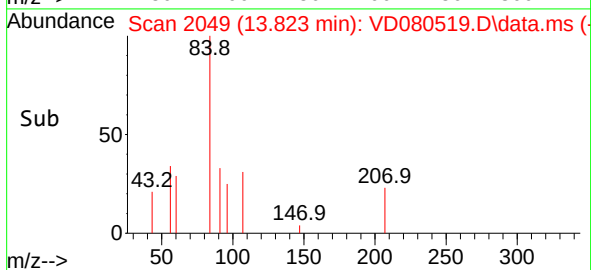
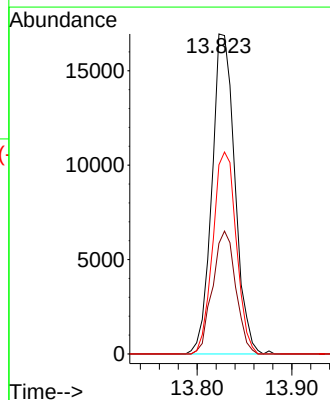
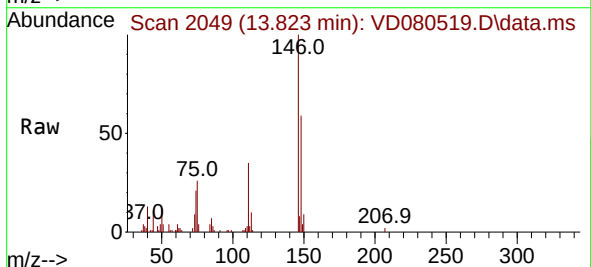
Instrument :
MSVOA_D
ClientSampleId :

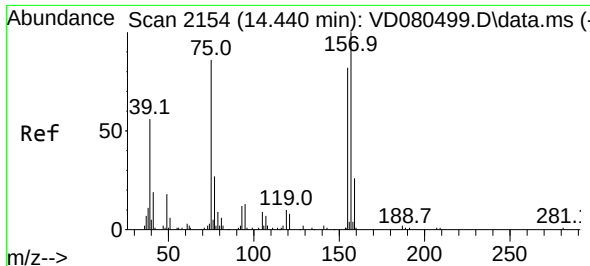
Tgt Ion:117 Resp: 11552
Ion Ratio Lower Upper
117 100
201 69.9 34.6 103.8



#91
1,2-Dichlorobenzene
Concen: 3.919 ug/l
RT: 13.823 min Scan# 2049
Delta R.T. -0.006 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

Tgt Ion:146 Resp: 28618
Ion Ratio Lower Upper
146 100
111 38.7 20.7 62.1
148 64.3 31.5 94.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.241 ug/l

RT: 14.446 min Scan# 2155

Delta R.T. 0.006 min

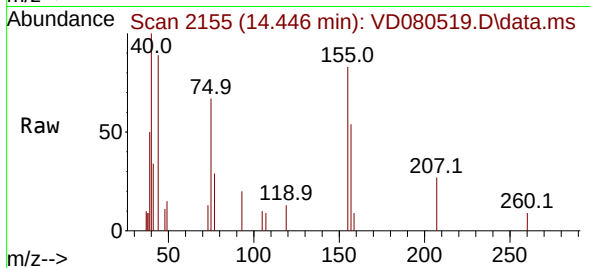
Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

Instrument :

MSVOA_D

ClientSampleId :



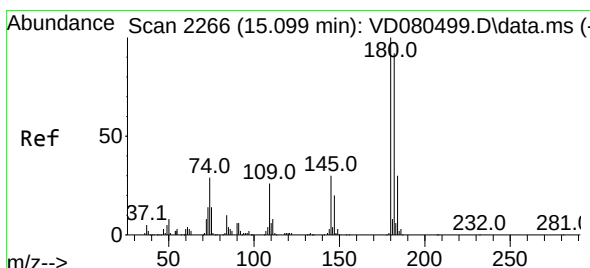
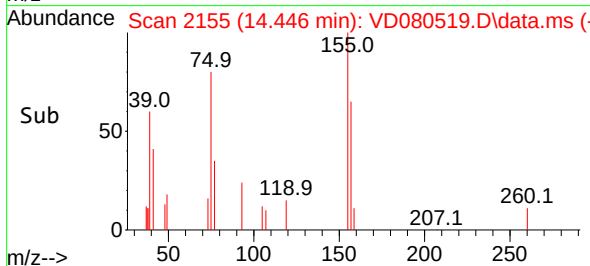
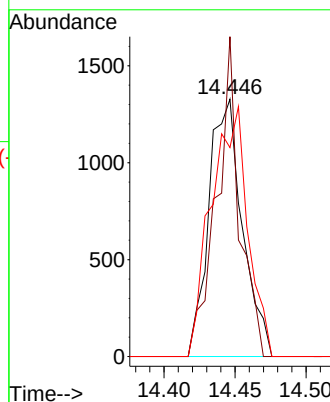
Tgt Ion: 75 Resp: 2177

Ion Ratio Lower Upper

75 100

155 84.9 47.5 142.6

157 106.2 56.8 170.3



#93

1,2,4-Trichlorobenzene

Concen: 3.885 ug/l

RT: 15.099 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD080519.D

Acq: 05 Sep 2025 11:55

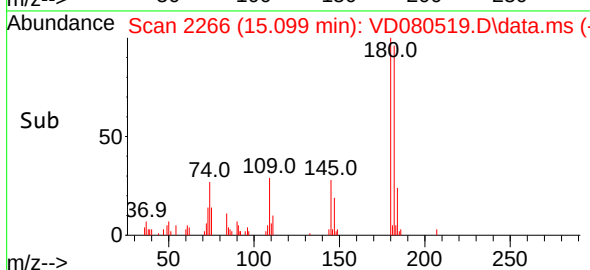
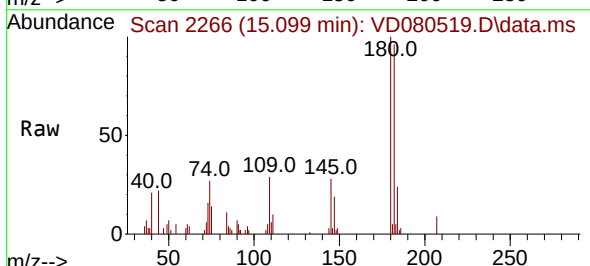
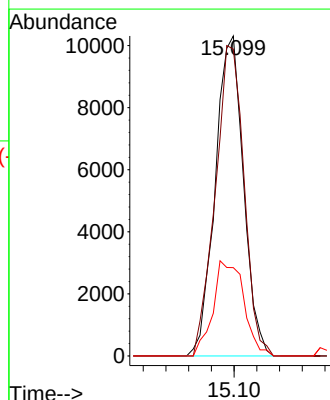
Tgt Ion: 180 Resp: 17778

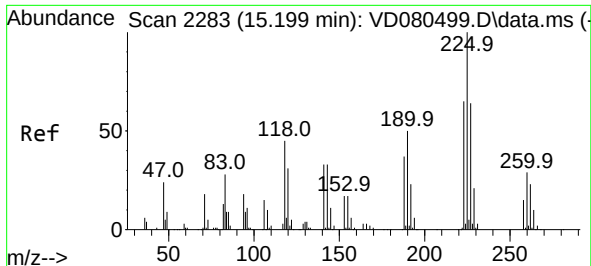
Ion Ratio Lower Upper

180 100

182 98.6 47.5 142.5

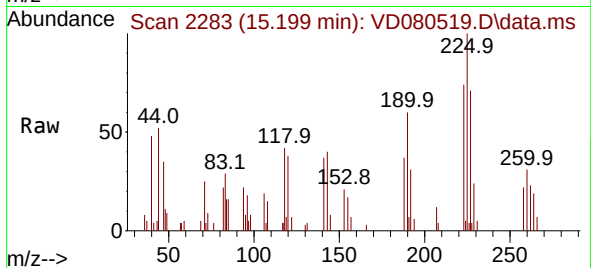
145 32.3 15.7 47.0



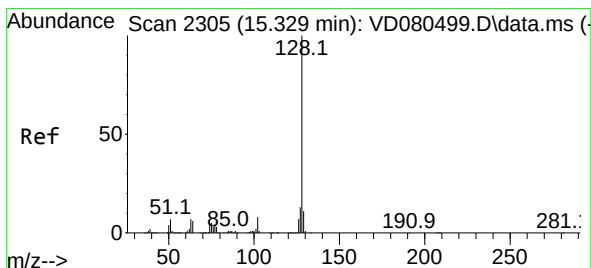
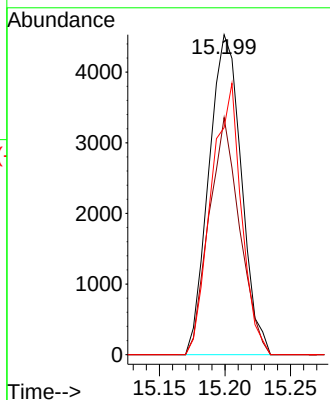
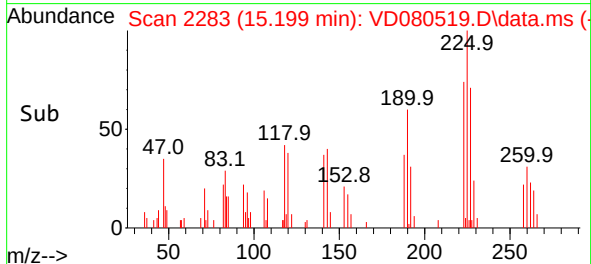


#94
Hexachlorobutadiene
Concen: 3.750 ug/l
RT: 15.199 min Scan# 2283
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55

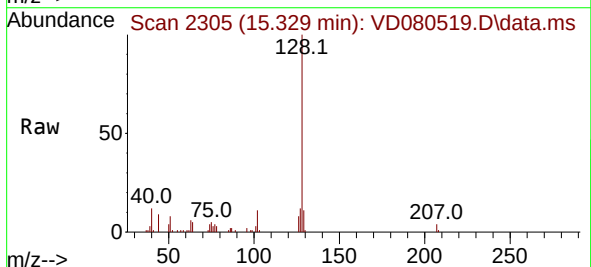
Instrument :
MSVOA_D
ClientSampleId :



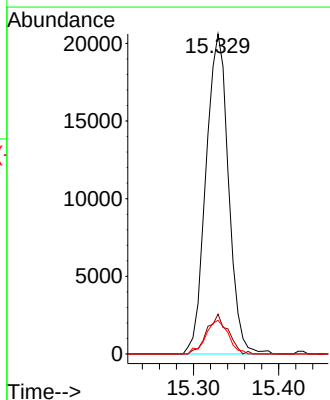
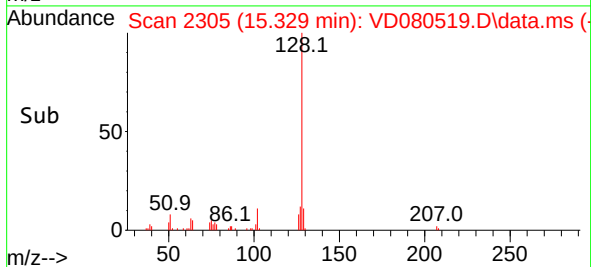
Tgt Ion:225 Resp: 7800
Ion Ratio Lower Upper
225 100
223 70.1 31.9 95.7
227 78.7 32.0 96.2

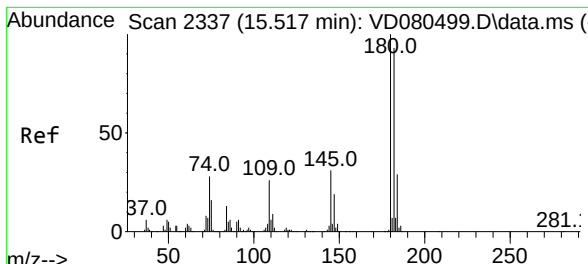


#95
Naphthalene
Concen: 3.901 ug/l
RT: 15.329 min Scan# 2305
Delta R.T. 0.000 min
Lab File: VD080519.D
Acq: 05 Sep 2025 11:55



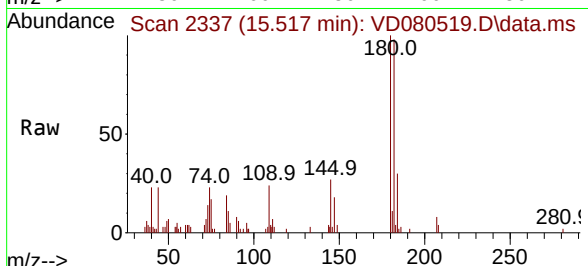
Tgt Ion:128 Resp: 37968
Ion Ratio Lower Upper
128 100
127 12.4 10.6 16.0
129 10.5 9.0 13.6





#96
 1,2,3-Trichlorobenzene
 Concen: 4.025 ug/l
 RT: 15.517 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080519.D
 Acq: 05 Sep 2025 11:55

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	180	Resp:	15765
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.5	142.5
145	31.2	16.2	48.5

