

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090425\
 Data File : VD080509.D
 Acq On : 04 Sep 2025 11:51
 Operator : RP/MD
 Sample : Q2893-01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 05 03:51:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 05 03:51:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	384551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	684266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	590167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	275794	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	189359	43.646	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.300%
35) Dibromofluoromethane	7.806	113	194986	43.061	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.120%
50) Toluene-d8	10.270	98	785169	43.927	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.860%
62) 4-Bromofluorobenzene	12.570	95	241143	41.423	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.840%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.935	85	7958	2.431	ug/l	91
3) Chloromethane	2.147	50	11345	2.195	ug/l #	85
4) Vinyl Chloride	2.288	62	12475	2.339	ug/l	89
5) Bromomethane	2.700	94	9555	3.188	ug/l	98
6) Chloroethane	2.841	64	9023	2.592	ug/l	93
7) Trichlorofluoromethane	3.176	101	15366	2.473	ug/l	95
8) Diethyl Ether	3.594	74	6174	2.508	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.976	101	10620	2.635	ug/l #	87
10) Methyl Iodide	4.165	142	9840	2.115	ug/l	95
11) Tert butyl alcohol	5.053	59	3999	12.737	ug/l #	73
12) 1,1-Dichloroethene	3.947	96	9664	2.301	ug/l	93
13) Acrolein	3.806	56	551	1.651	ug/l #	65
14) Allyl chloride	4.565	41	15020	2.061	ug/l	93
15) Acrylonitrile	5.253	53	11701	10.673	ug/l	98
16) Acetone	4.023	43	17511	17.240	ug/l	93
17) Carbon Disulfide	4.276	76	27970	1.970	ug/l	97
18) Methyl Acetate	4.565	43	7413	2.593	ug/l #	76
19) Methyl tert-butyl Ether	5.312	73	23628	2.144	ug/l	99
20) Methylene Chloride	4.800	84	26581	4.764	ug/l	97
21) trans-1,2-Dichloroethene	5.312	96	10649	2.215	ug/l #	76
22) Diisopropyl ether	6.212	45	32410	2.161	ug/l	97
23) Vinyl Acetate	6.153	43	79960	9.368	ug/l	95
24) 1,1-Dichloroethane	6.112	63	19026	2.191	ug/l #	92
25) 2-Butanone	7.088	43	17977	12.500	ug/l	90
26) 2,2-Dichloropropane	7.076	77	16412	2.387	ug/l	97
27) cis-1,2-Dichloroethene	7.082	96	13009	2.267	ug/l	97
28) Bromochloromethane	7.417	49	8654	2.446	ug/l #	93
29) Tetrahydrofuran	7.453	42	10074	11.085	ug/l	97
30) Chloroform	7.594	83	18850	2.271	ug/l	88
31) Cyclohexane	7.876	56	25681	3.160	ug/l #	72
32) 1,1,1-Trichloroethane	7.794	97	16637	2.407	ug/l	99
36) 1,1-Dichloropropene	8.011	75	15207	2.536	ug/l	98
37) Ethyl Acetate	7.170	43	7472	2.591	ug/l #	70
38) Carbon Tetrachloride	7.994	117	13742	2.408	ug/l	86
39) Methylcyclohexane	9.276	83	19603	2.456	ug/l #	84
40) Benzene	8.247	78	41836	2.192	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	3211	1.876	ug/l #	86
42) 1,2-Dichloroethane	8.323	62	10488	2.269	ug/l	85
43) Isopropyl Acetate	8.358	43	13210	2.252	ug/l	97
44) Trichloroethene	9.029	130	11587	2.503	ug/l	81
45) 1,2-Dichloropropane	9.306	63	10315	2.179	ug/l	90
46) Dibromomethane	9.394	93	6237	2.460	ug/l	94
47) Bromodichloromethane	9.588	83	13913	2.251	ug/l	95
48) Methyl methacrylate	9.376	41	5231	1.799	ug/l #	80
49) 1,4-Dioxane	9.382	88	1224	39.047	ug/l	96
51) 4-Methyl-2-Pentanone	10.158	43	32264	11.027	ug/l	98
52) Toluene	10.335	92	28636	2.406	ug/l	98
53) t-1,3-Dichloropropene	10.553	75	13992	2.221	ug/l	96
54) cis-1,3-Dichloropropene	10.017	75	16774	2.227	ug/l	93
55) 1,1,2-Trichloroethane	10.729	97	8611	2.533	ug/l	95
56) Ethyl methacrylate	10.594	69	10843	2.289	ug/l	98
57) 1,3-Dichloropropane	10.876	76	13345	2.237	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.870	63	20551	11.212	ug/l	99
59) 2-Hexanone	10.923	43	24106	11.596	ug/l	100
60) Dibromochloromethane	11.070	129	10076	2.352	ug/l	99
61) 1,2-Dibromoethane	11.176	107	7147	2.209	ug/l	98
64) Tetrachloroethene	10.811	164	9515	2.611	ug/l #	90
65) Chlorobenzene	11.605	112	30919	2.459	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.682	131	8716	2.173	ug/l	90
67) Ethyl Benzene	11.682	91	51141	2.349	ug/l	94
68) m/p-Xylenes	11.794	106	40073	4.781	ug/l	100
69) o-Xylene	12.117	106	18285	2.286	ug/l	96
70) Styrene	12.135	104	31276	2.299	ug/l	95
71) Bromoform	12.294	173	5746	2.520	ug/l #	96
73) Isopropylbenzene	12.417	105	48589	2.405	ug/l	100
74) N-amyl acetate	12.235	43	12513	2.334	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.676	83	8703	2.317	ug/l	100
76) 1,2,3-Trichloropropane	12.717	75	11382	5.057	ug/l #	100
77) Bromobenzene	12.705	156	10873	2.326	ug/l	95
78) n-propylbenzene	12.758	91	60919	2.483	ug/l	99
79) 2-Chlorotoluene	12.846	91	35013	2.504	ug/l	98
80) 1,3,5-Trimethylbenzene	12.905	105	40205	2.449	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.570	75	122219	82.412	ug/l #	19
82) 4-Chlorotoluene	12.946	91	34826	2.422	ug/l	100
83) tert-Butylbenzene	13.164	119	35940	2.523	ug/l	95
84) 1,2,4-Trimethylbenzene	13.211	105	39403	2.383	ug/l	97
85) sec-Butylbenzene	13.341	105	53885	2.534	ug/l	99
86) p-Isopropyltoluene	13.458	119	44370	2.495	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	23552	2.613	ug/l	98
88) 1,4-Dichlorobenzene	13.535	146	22990	2.540	ug/l	82
89) n-Butylbenzene	13.782	91	43267	2.554	ug/l	98
90) Hexachloroethane	14.052	117	8300	2.413	ug/l	97
91) 1,2-Dichlorobenzene	13.829	146	20099	2.506	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.441	75	1432	2.540	ug/l	91
93) 1,2,4-Trichlorobenzene	15.093	180	13431	2.672	ug/l	96
94) Hexachlorobutadiene	15.205	225	7164	3.136	ug/l	92
95) Naphthalene	15.329	128	27642	2.585	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.517	180	11589	2.694	ug/l	93

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Quant Title : SW846 8260
QLast Update : Fri Sep 05 03:51:03 2025
Response via : Initial Calibration

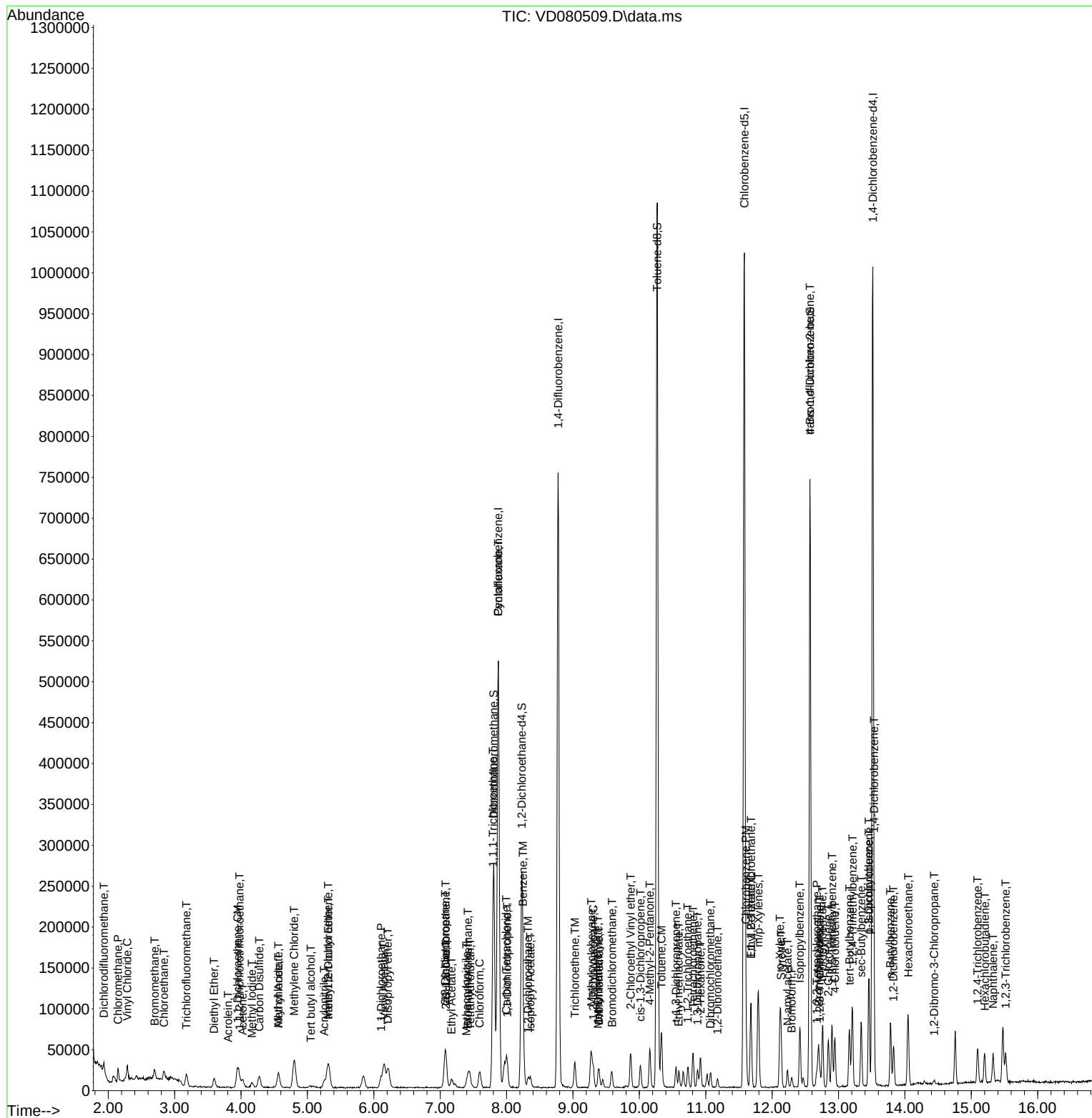
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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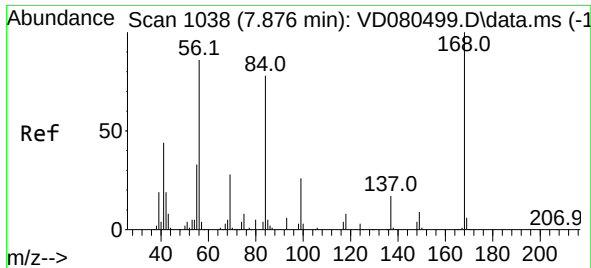
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080425\
 Data File : VD080509.D
 Acq On : 04 Sep 2025 11:51
 Operator : RP/MD
 Sample : Q2893-01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 05 03:51:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 05 03:51:03 2025
 Response via : Initial Calibration

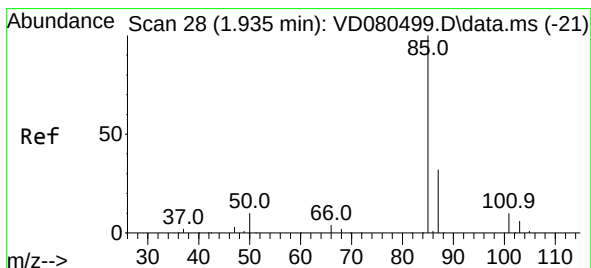
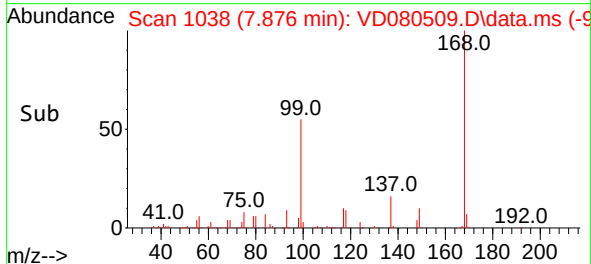
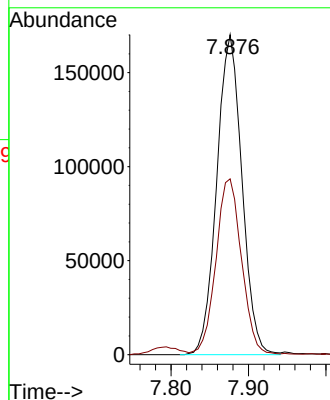
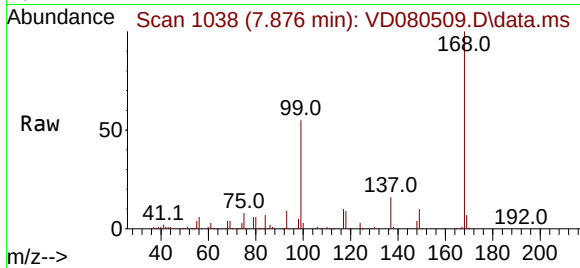




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
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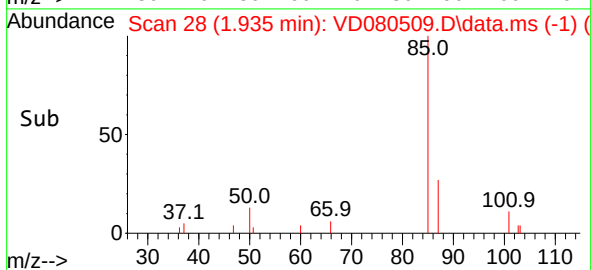
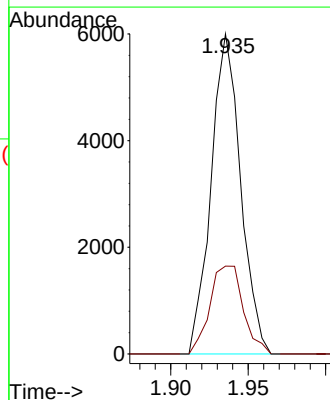
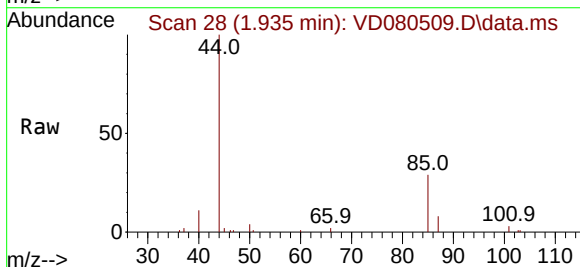
Instrument :
MSVOA_D
ClientSampleId :

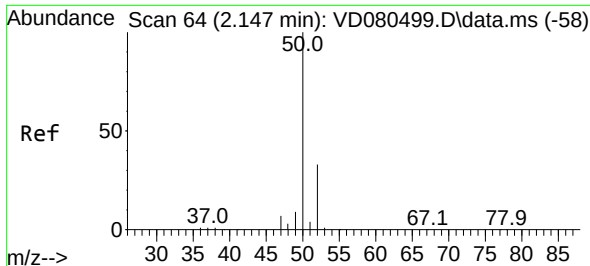
Tgt Ion:168 Resp: 384551
Ion Ratio Lower Upper
168 100
99 54.7 44.1 66.1



#2
Dichlorodifluoromethane
Concen: 2.431 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Tgt Ion: 85 Resp: 7958
Ion Ratio Lower Upper
85 100
87 27.4 16.2 48.5

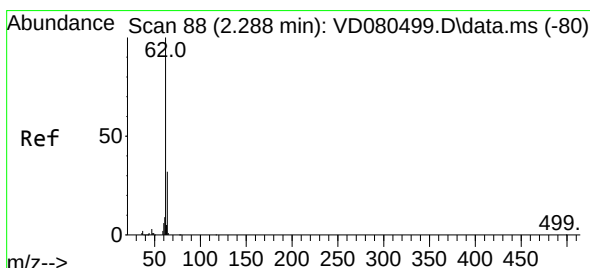
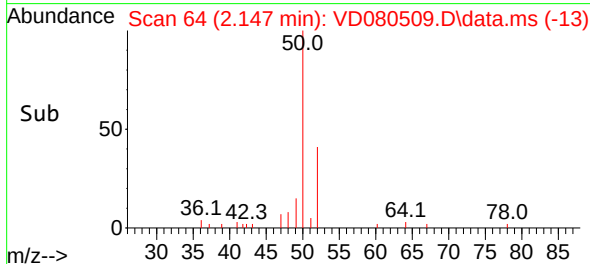
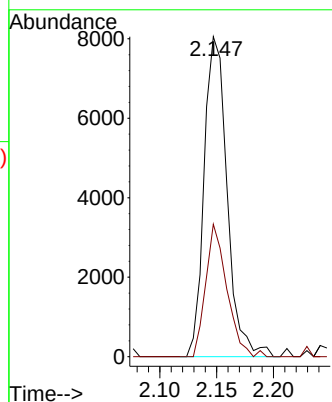
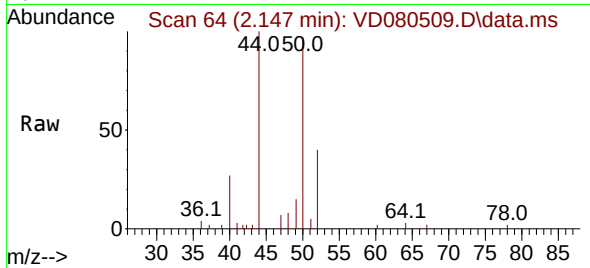




#3
Chloromethane
Concen: 2.195 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

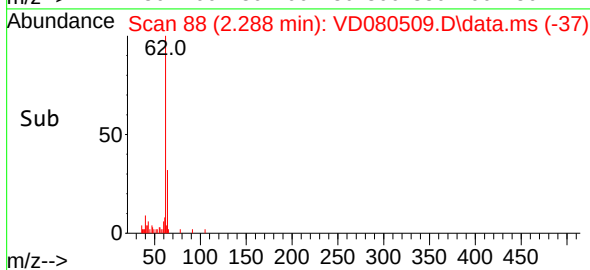
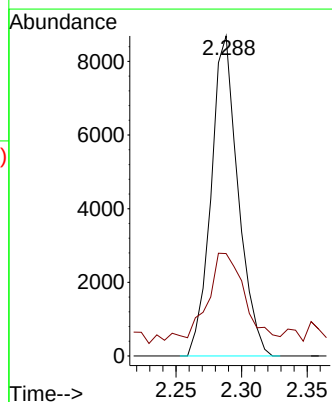
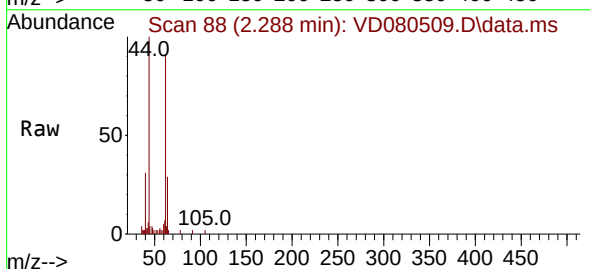
Instrument :
MSVOA_D
ClientSampleId :

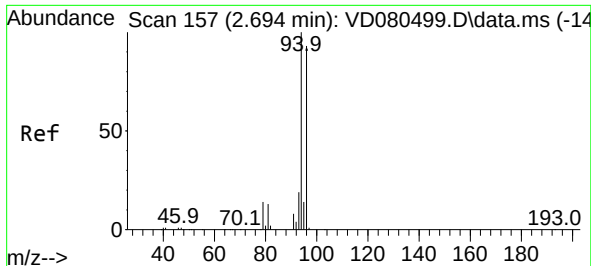
Tgt Ion: 50 Resp: 11345
Ion Ratio Lower Upper
50 100
52 41.4 26.2 39.4#



#4
Vinyl Chloride
Concen: 2.339 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Tgt Ion: 62 Resp: 12475
Ion Ratio Lower Upper
62 100
64 26.0 25.6 38.4

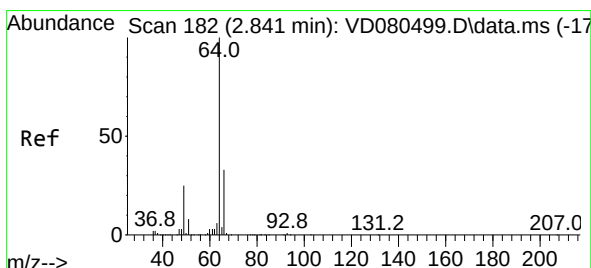
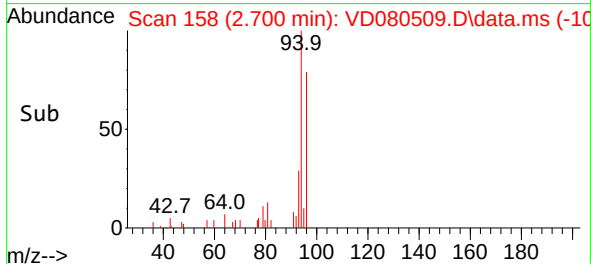
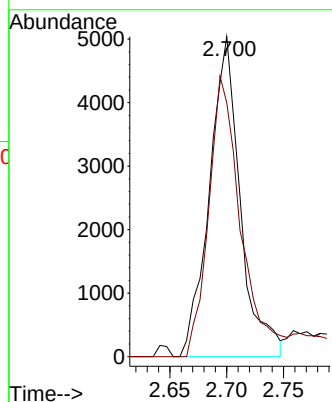
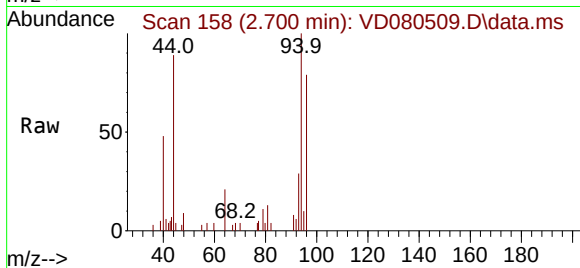




#5
Bromomethane
Concen: 3.188 ug/l
RT: 2.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

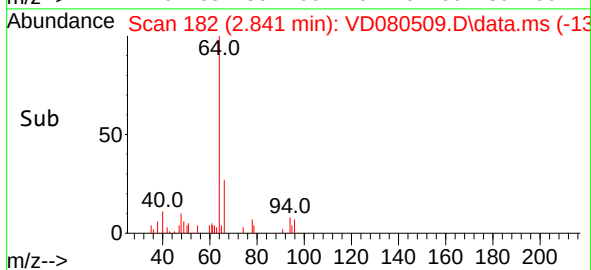
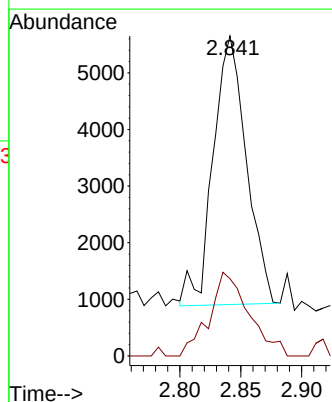
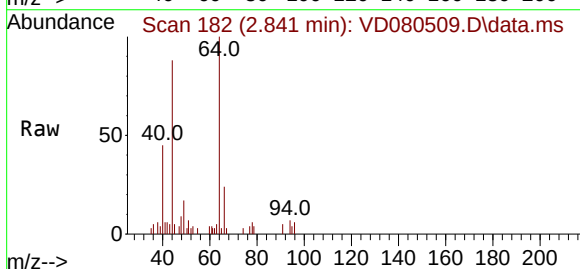
Instrument :
MSVOA_D
ClientSampleId :

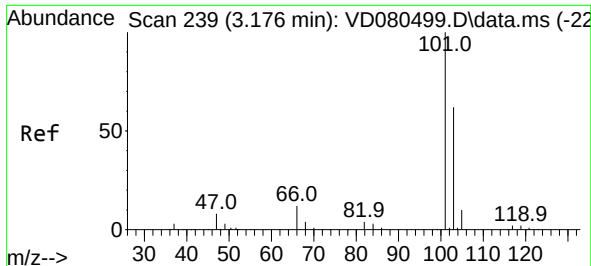
Tgt Ion: 94 Resp: 9555
Ion Ratio Lower Upper
94 100
96 91.0 74.6 111.8



#6
Chloroethane
Concen: 2.592 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Tgt Ion: 64 Resp: 9023
Ion Ratio Lower Upper
64 100
66 28.9 26.5 39.7

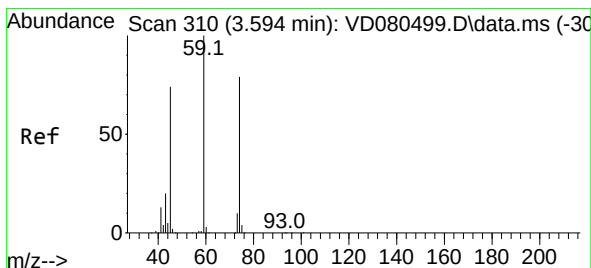
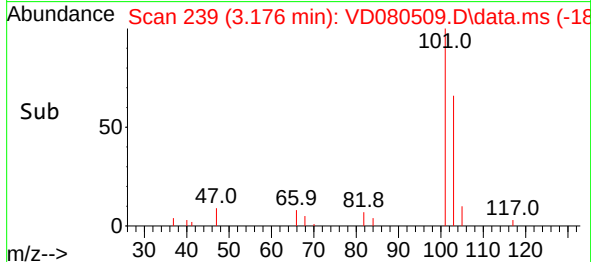
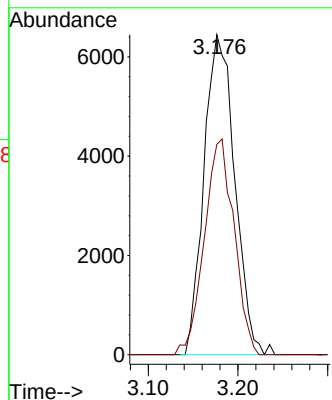
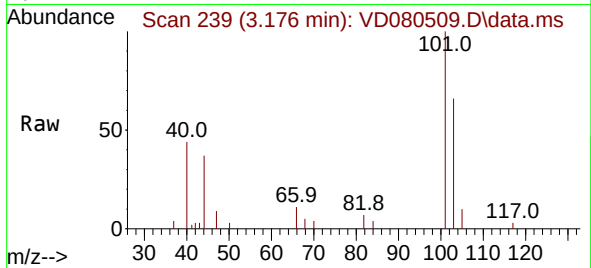




#7
 Trichlorofluoromethane
 Concen: 2.473 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080509.D
 Acq: 04 Sep 2025 11:51

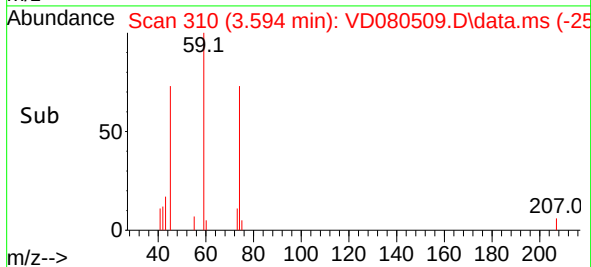
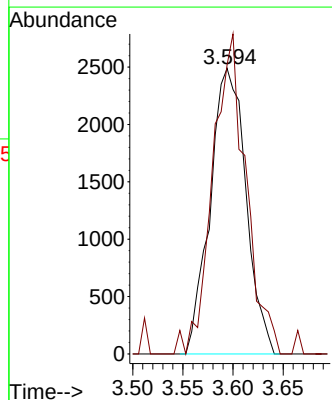
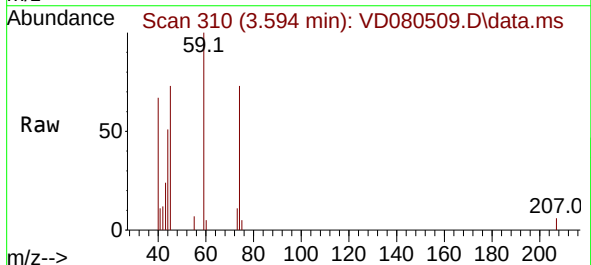
Instrument :
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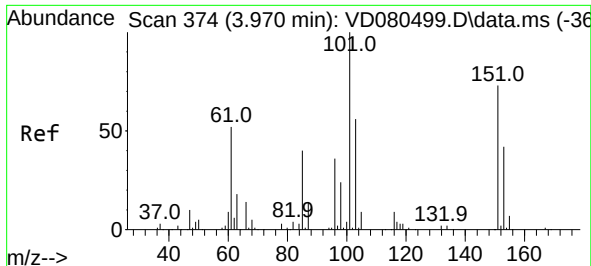
Tgt Ion:101 Resp: 15366
 Ion Ratio Lower Upper
 101 100
 103 65.8 49.6 74.4



#8
 Diethyl Ether
 Concen: 2.508 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VD080509.D
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Tgt Ion: 74 Resp: 6174
 Ion Ratio Lower Upper
 74 100
 45 104.3 48.2 144.6

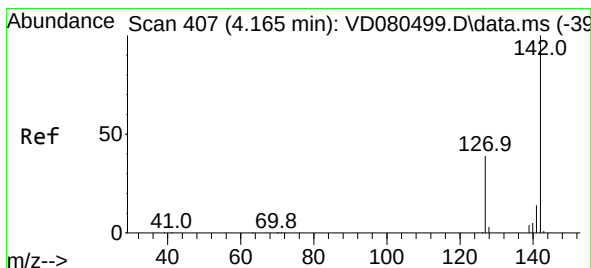
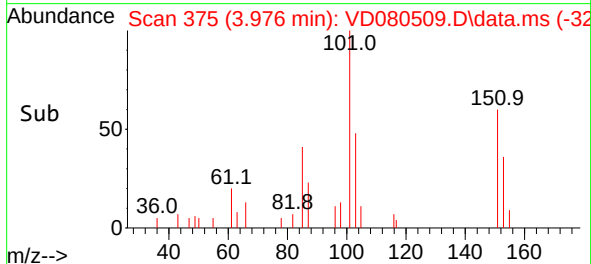
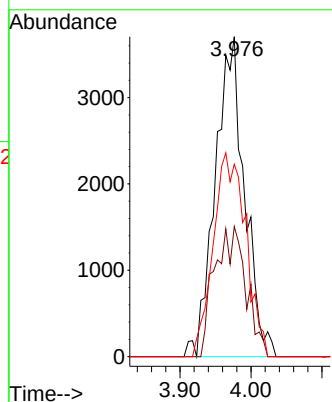
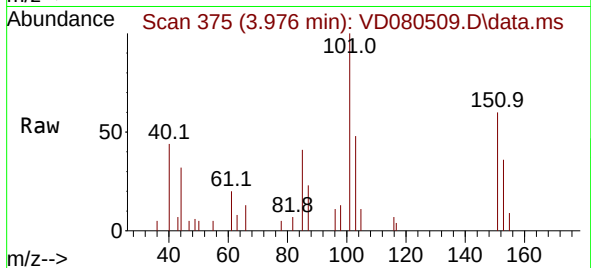




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.635 ug/l
RT: 3.976 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

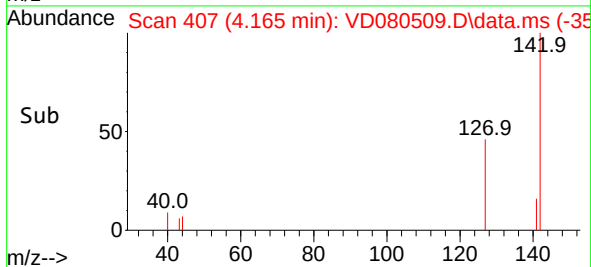
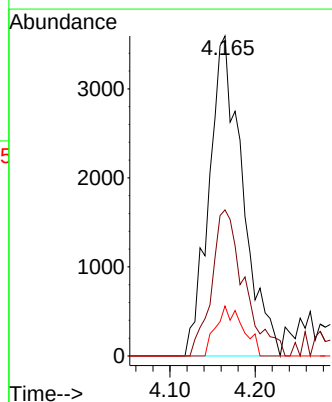
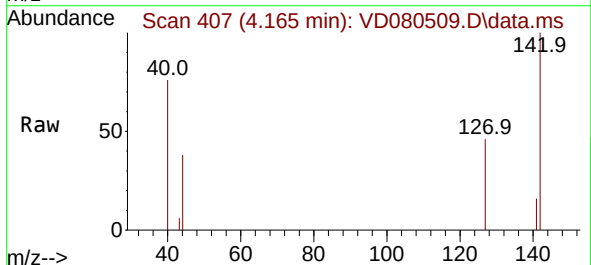
Instrument :
MSVOA_D
ClientSampleId :

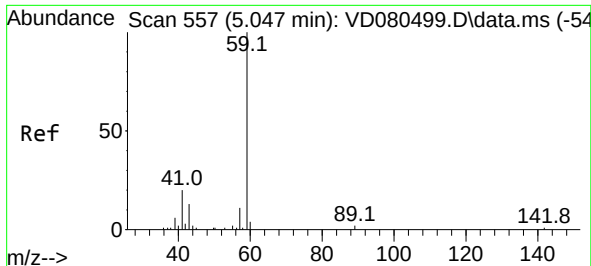
Tgt Ion:101 Resp: 10620
Ion Ratio Lower Upper
101 100
85 23.3 33.8 50.6#
151 70.5 58.0 87.0



#10
Methyl Iodide
Concen: 2.115 ug/l
RT: 4.165 min Scan# 407
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Tgt Ion:142 Resp: 9840
Ion Ratio Lower Upper
142 100
127 44.4 33.1 49.7
141 12.5 11.7 17.5





#11

Tert butyl alcohol

Concen: 12.737 ug/l

RT: 5.053 min Scan# 51

Delta R.T. 0.006 min

Lab File: VD080509.D

Acq: 04 Sep 2025 11:51

Instrument :

MSVOA_D

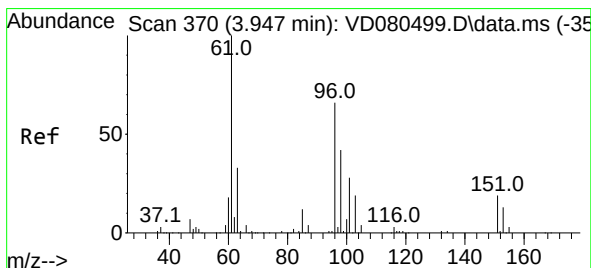
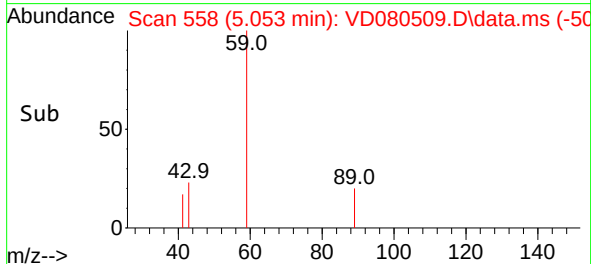
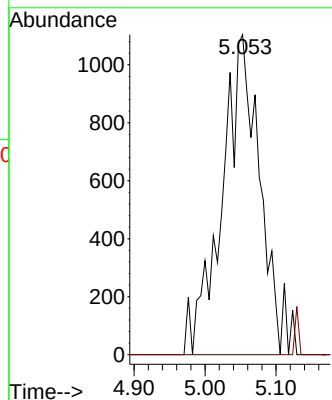
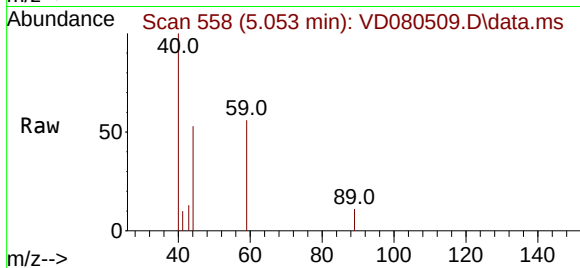
ClientSampleId :

Tgt Ion: 59 Resp: 3999

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#12

1,1-Dichloroethene

Concen: 2.301 ug/l

RT: 3.947 min Scan# 370

Delta R.T. 0.000 min

Lab File: VD080509.D

Acq: 04 Sep 2025 11:51

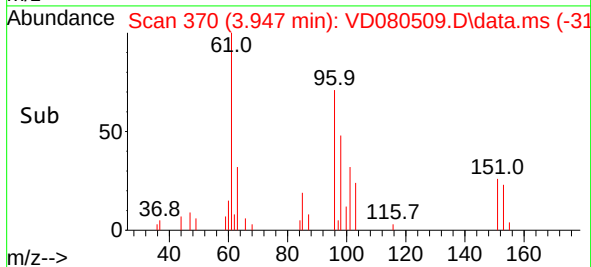
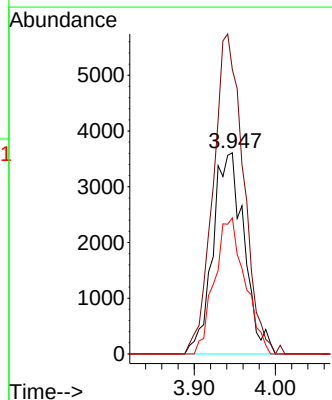
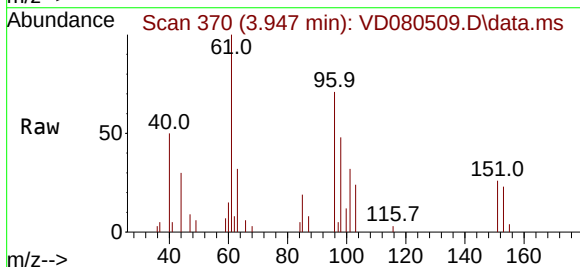
Tgt Ion: 96 Resp: 9664

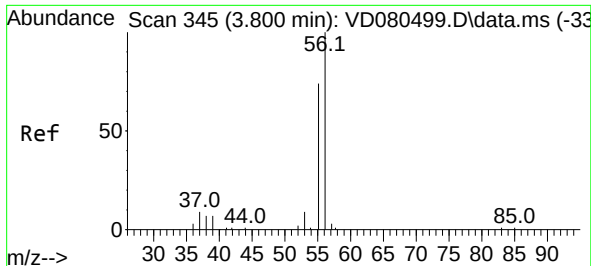
Ion Ratio Lower Upper

96 100

61 141.3 120.9 181.3

98 67.7 50.7 76.1

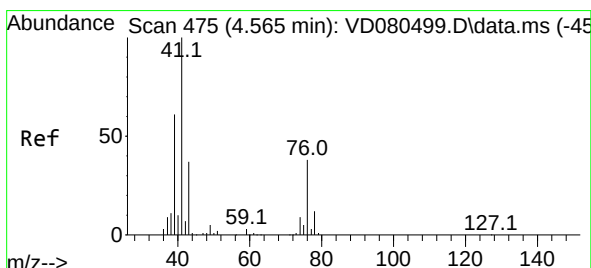
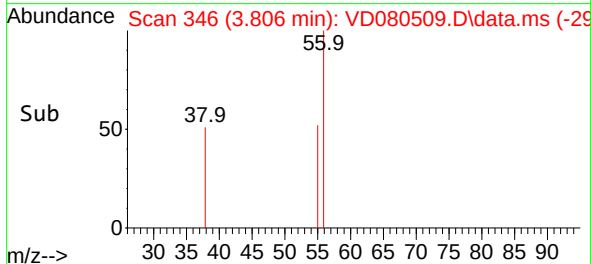
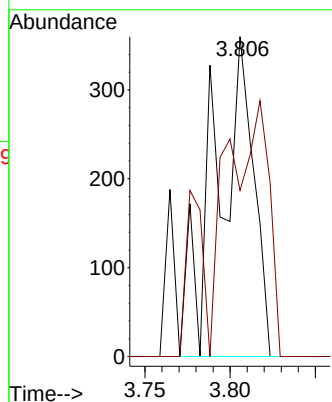
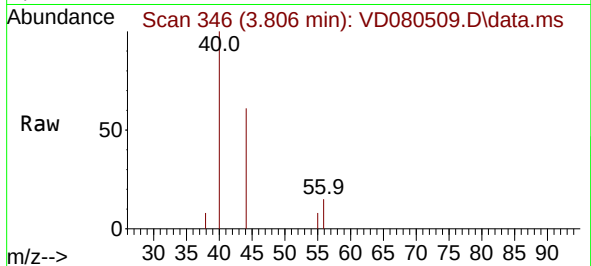




#13
Acrolein
Concen: 1.651 ug/l
RT: 3.806 min Scan# 345
Delta R.T. 0.006 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

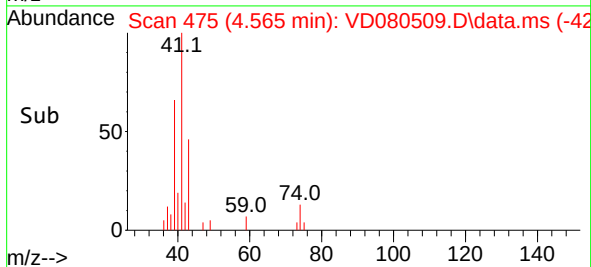
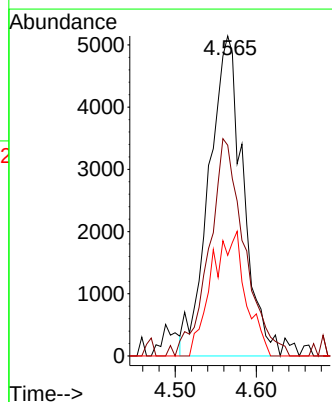
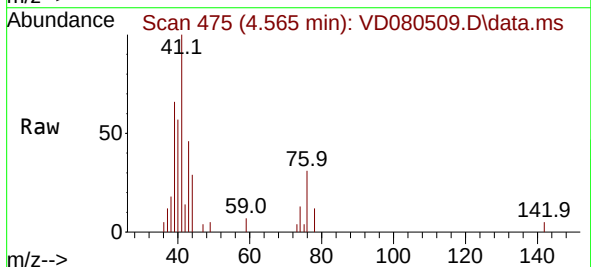
Instrument :
MSVOA_D
ClientSampleId :

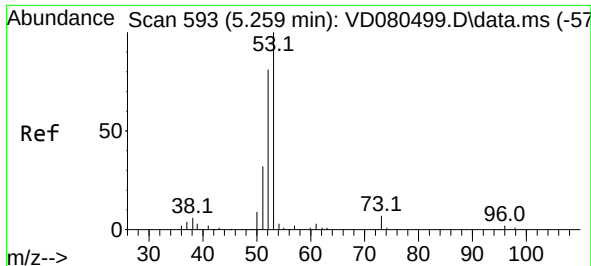
Tgt Ion: 56 Resp: 551
Ion Ratio Lower Upper
56 100
55 41.9 56.6 85.0#



#14
Allyl chloride
Concen: 2.061 ug/l
RT: 4.565 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

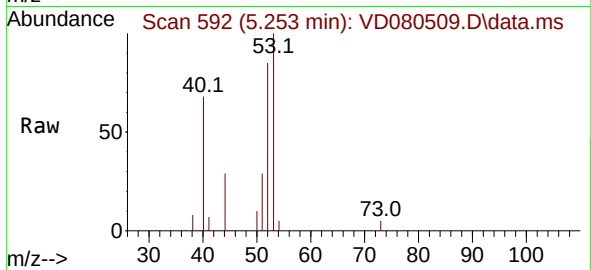
Tgt Ion: 41 Resp: 15020
Ion Ratio Lower Upper
41 100
39 70.2 50.1 75.1
76 39.1 30.7 46.1



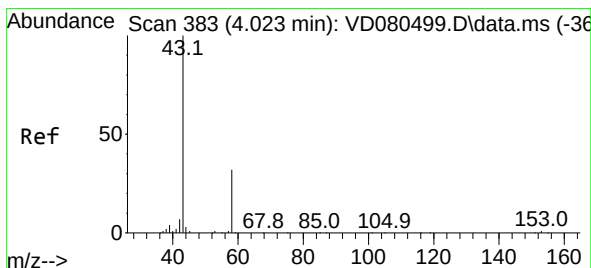
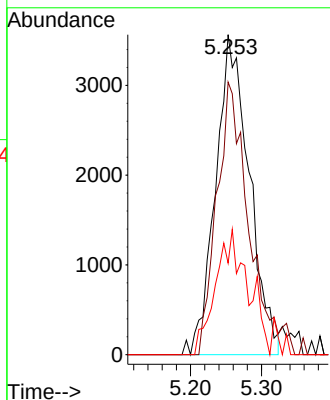
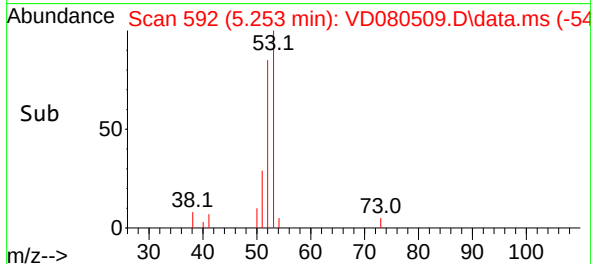


#15
Acrylonitrile
Concen: 10.673 ug/l
RT: 5.253 min Scan# 593
Delta R.T. -0.006 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Instrument :
MSVOA_D
ClientSampleId :

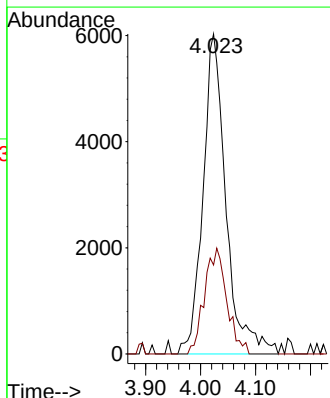
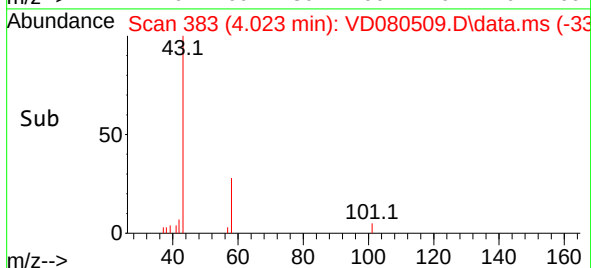
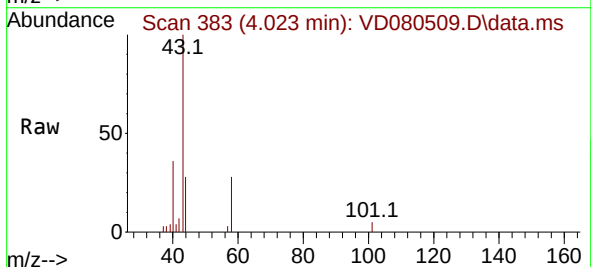


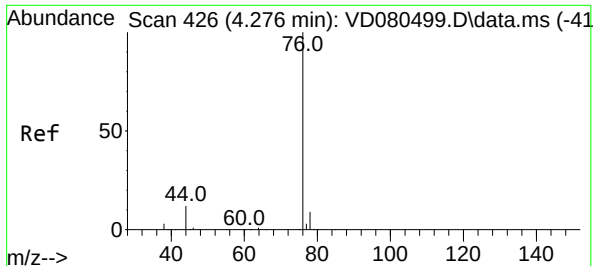
Tgt Ion: 53 Resp: 11701
Ion Ratio Lower Upper
53 100
52 81.6 64.6 97.0
51 37.6 28.0 42.0



#16
Acetone
Concen: 17.240 ug/l
RT: 4.023 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Tgt Ion: 43 Resp: 17511
Ion Ratio Lower Upper
43 100
58 27.8 25.4 38.0

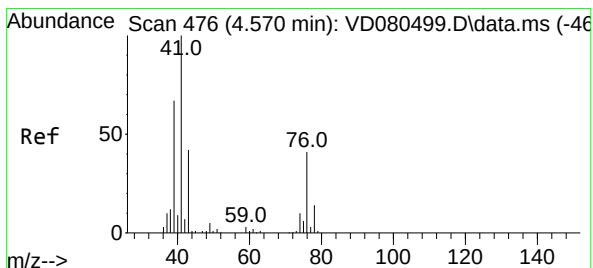
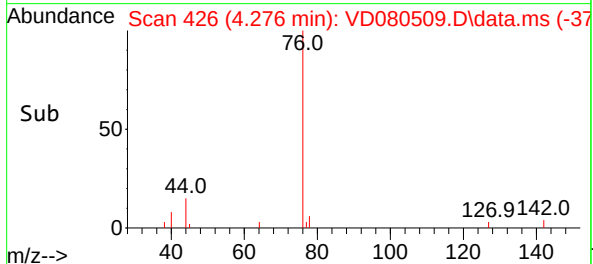
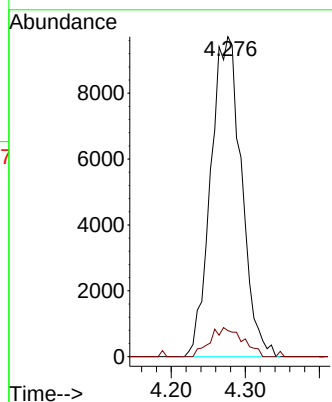
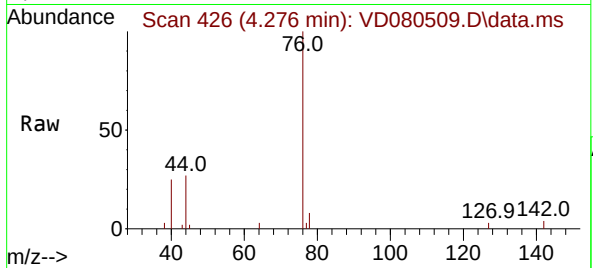




#17
Carbon Disulfide
Concen: 1.970 ug/l
RT: 4.276 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

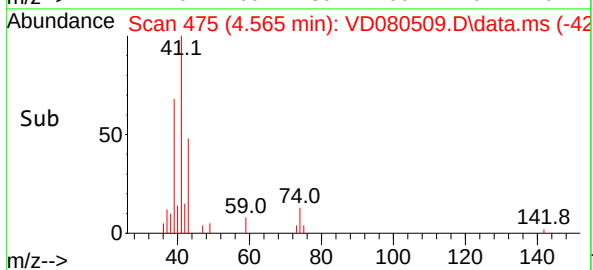
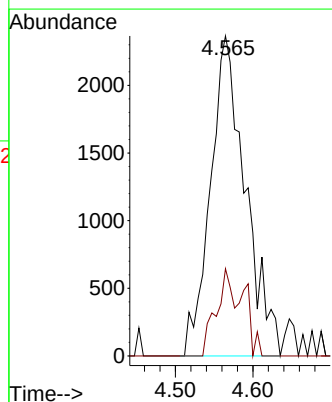
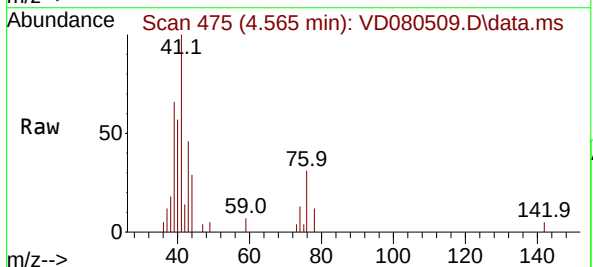
Instrument :
MSVOA_D
ClientSampleId :

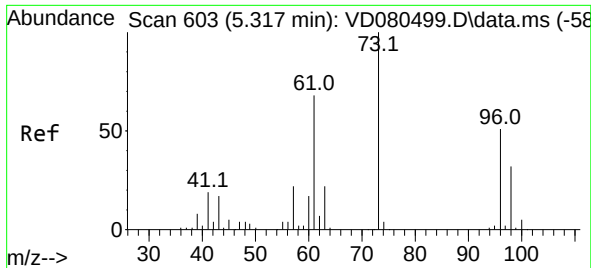
Tgt Ion: 76 Resp: 27970
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#18
Methyl Acetate
Concen: 2.593 ug/l
RT: 4.565 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Tgt Ion: 43 Resp: 7413
Ion Ratio Lower Upper
43 100
74 13.1 20.2 30.2#

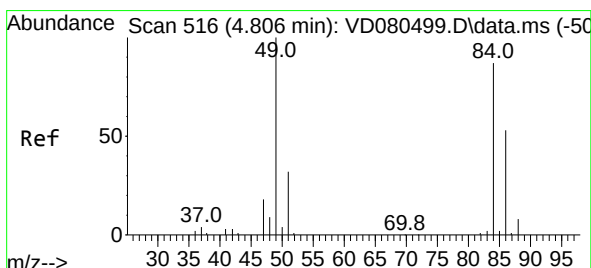
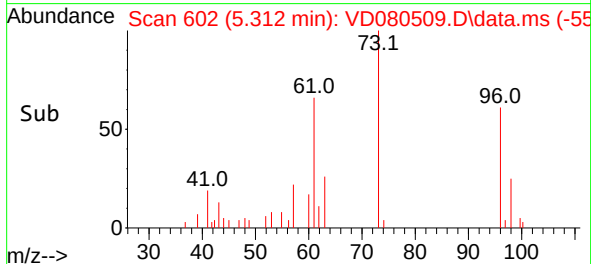
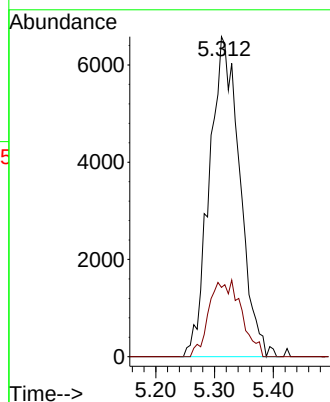
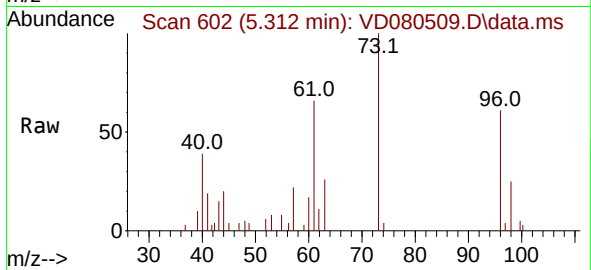




#19
Methyl tert-butyl Ether
Concen: 2.144 ug/l
RT: 5.312 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

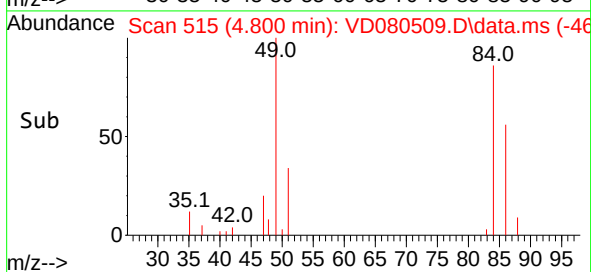
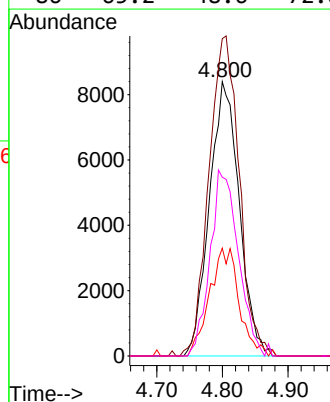
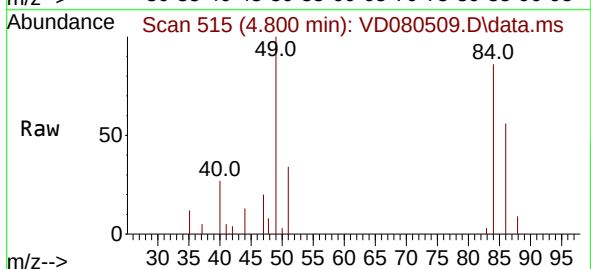
Instrument :
MSVOA_D
ClientSampleId :

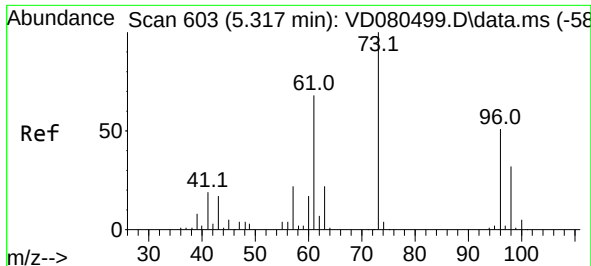
Tgt Ion: 73 Resp: 23628
Ion Ratio Lower Upper
73 100
57 21.6 17.8 26.8



#20
Methylene Chloride
Concen: 4.764 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Tgt Ion: 84 Resp: 26581
Ion Ratio Lower Upper
84 100
49 115.7 91.8 137.6
51 39.3 29.0 43.4
86 65.2 48.6 72.8

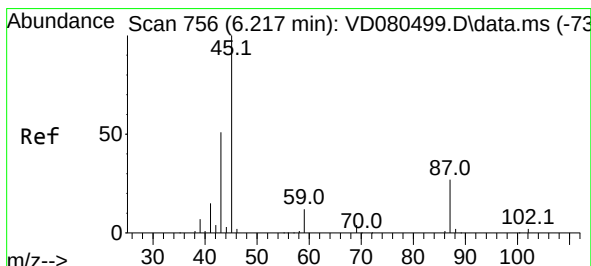
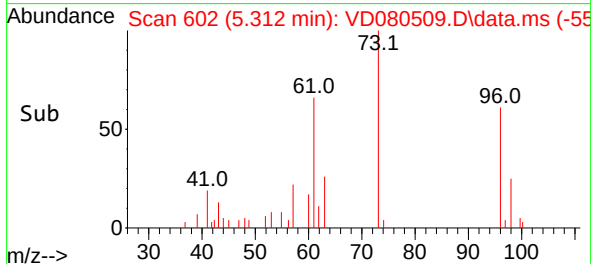
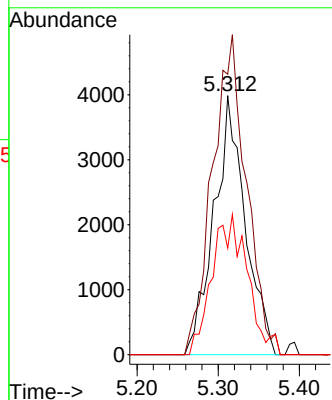
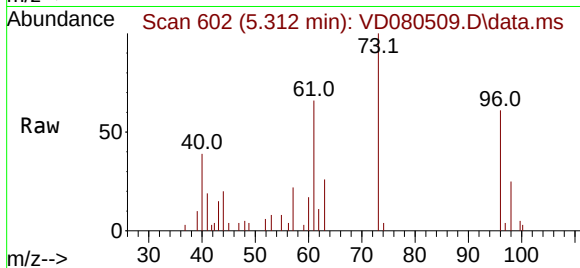




#21
trans-1,2-Dichloroethene
Concen: 2.215 ug/l
RT: 5.312 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

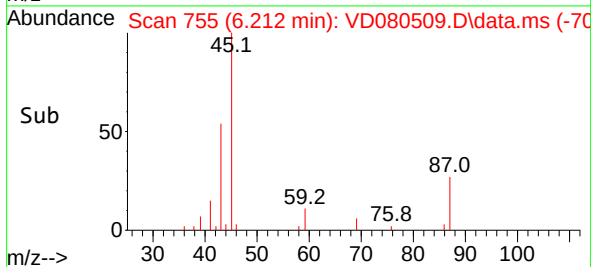
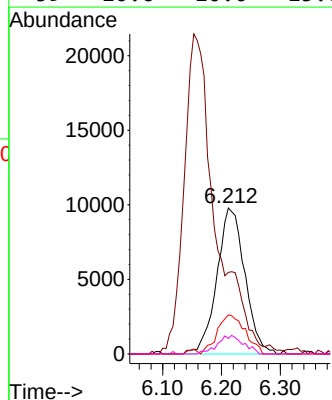
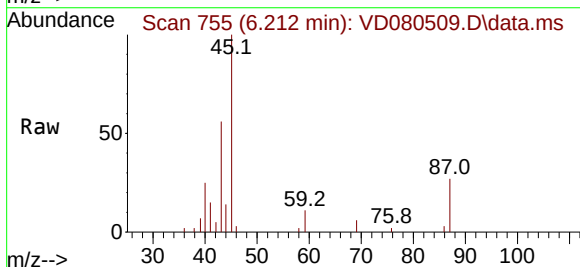
Instrument :
MSVOA_D
ClientSampleId :

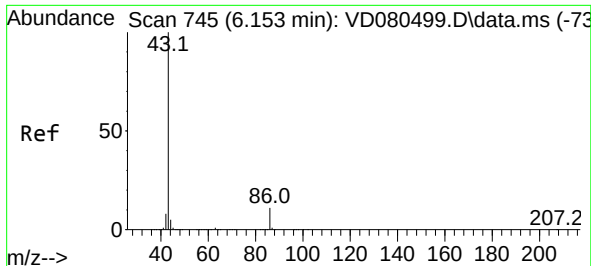
Tgt Ion: 96 Resp: 10649
Ion Ratio Lower Upper
96 100
61 108.2 107.4 161.0
98 41.1 49.9 74.9#



#22
Diisopropyl ether
Concen: 2.161 ug/l
RT: 6.212 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

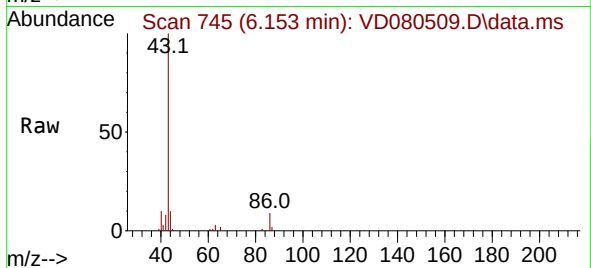
Tgt Ion: 45 Resp: 32410
Ion Ratio Lower Upper
45 100
43 53.3 40.6 60.8
87 26.8 21.6 32.4
59 10.6 10.0 15.0



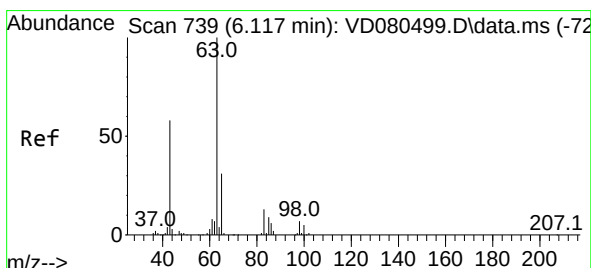
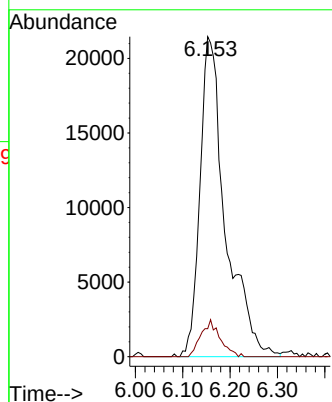
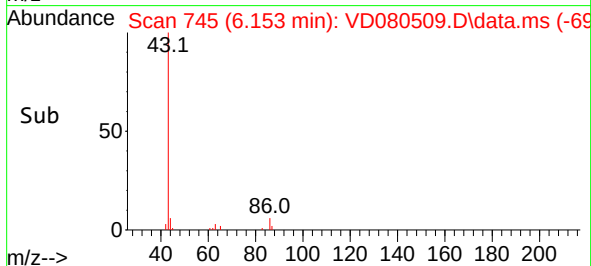


#23
 Vinyl Acetate
 Concen: 9.368 ug/l
 RT: 6.153 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD080509.D
 Acq: 04 Sep 2025 11:51

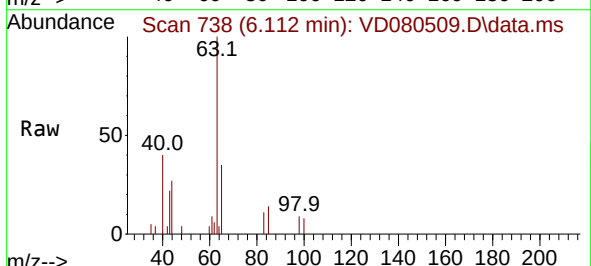
Instrument :
 MSVOA_D
 ClientSampleId :



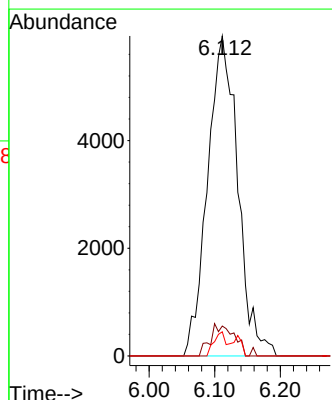
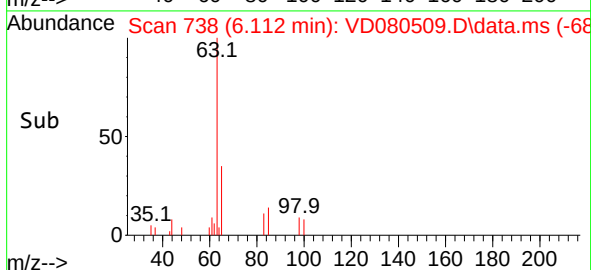
Tgt Ion: 43 Resp: 79960
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.4 12.6

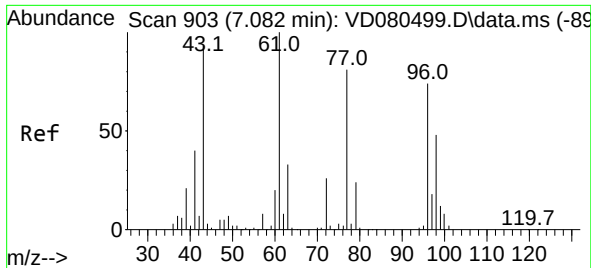


#24
 1,1-Dichloroethane
 Concen: 2.191 ug/l
 RT: 6.112 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD080509.D
 Acq: 04 Sep 2025 11:51



Tgt Ion: 63 Resp: 19026
 Ion Ratio Lower Upper
 63 100
 98 9.4 3.3 9.9
 100 7.5 2.4 7.1#

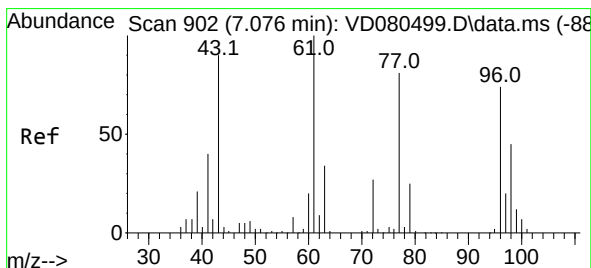
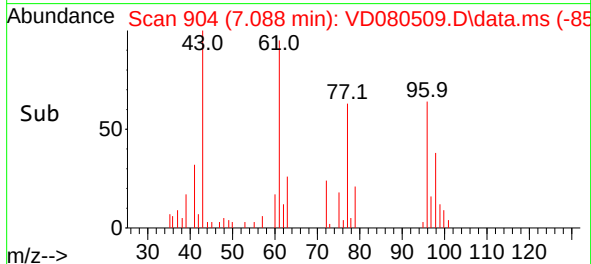
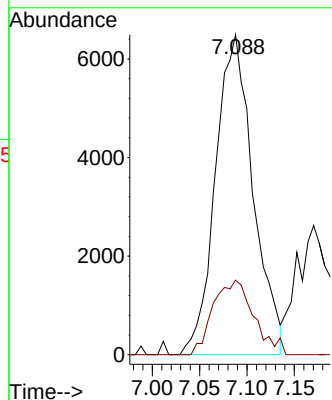
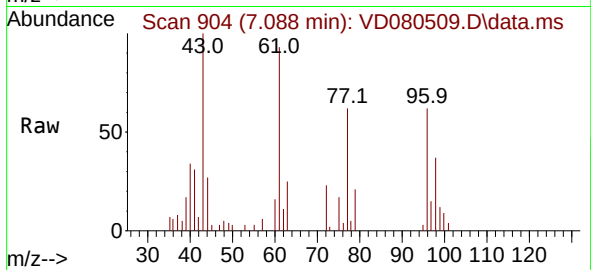




#25
2-Butanone
Concen: 12.500 ug/l
RT: 7.088 min Scan# 904
Delta R.T. 0.006 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

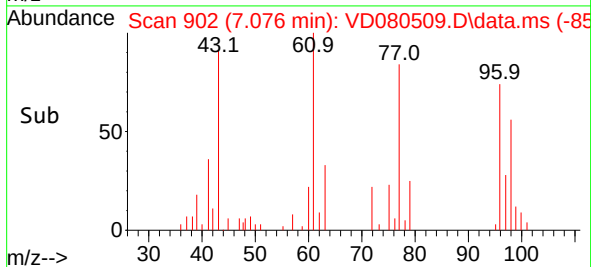
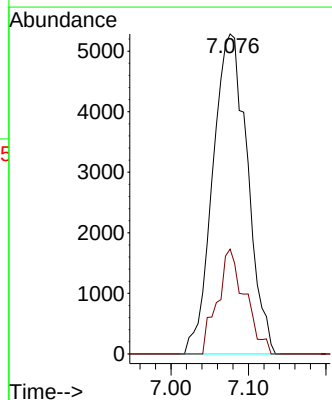
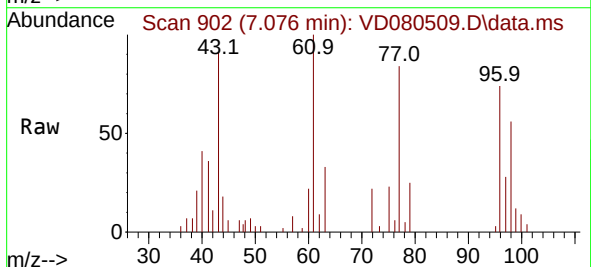
Instrument :
MSVOA_D
ClientSampleId :

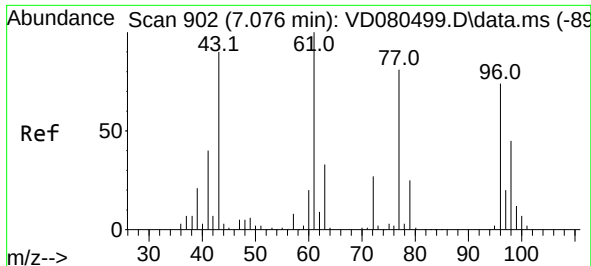
Tgt Ion: 43 Resp: 17977
Ion Ratio Lower Upper
43 100
72 23.3 22.8 34.2



#26
2,2-Dichloropropane
Concen: 2.387 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Tgt Ion: 77 Resp: 16412
Ion Ratio Lower Upper
77 100
97 26.1 12.4 37.0



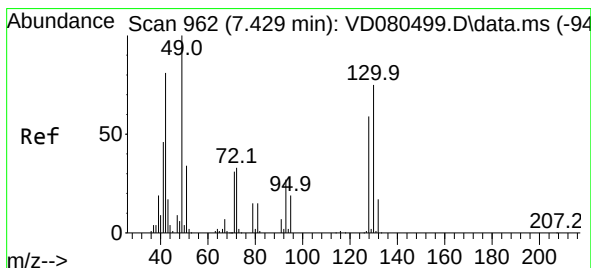
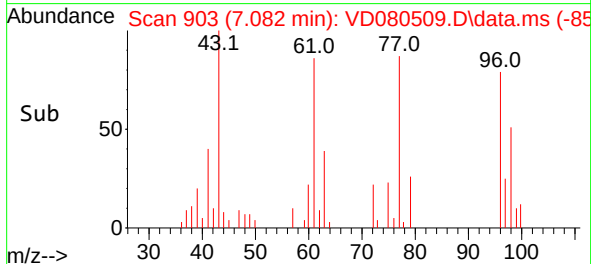
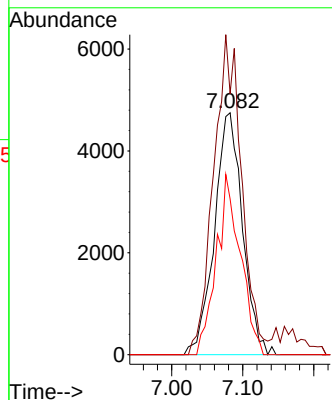
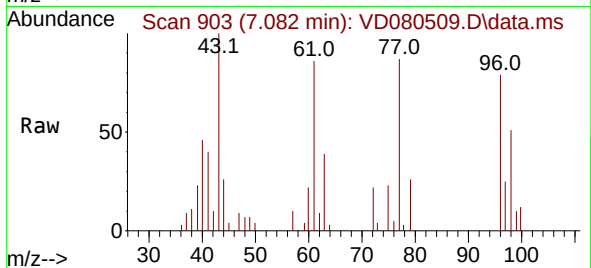


#27
 cis-1,2-Dichloroethene
 Concen: 2.267 ug/l
 RT: 7.082 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VD080509.D
 Acq: 04 Sep 2025 11:51

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 13009

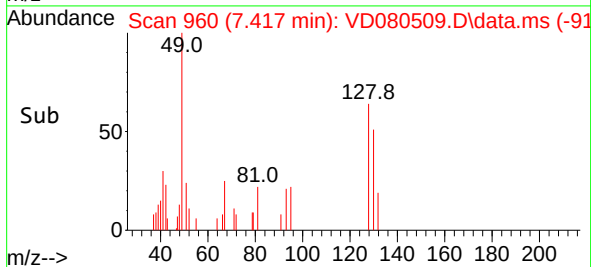
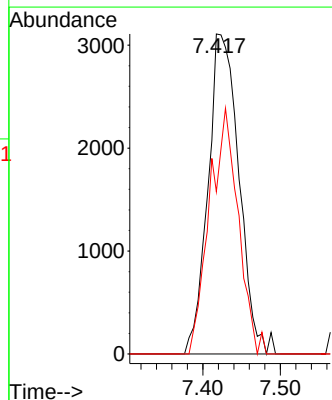
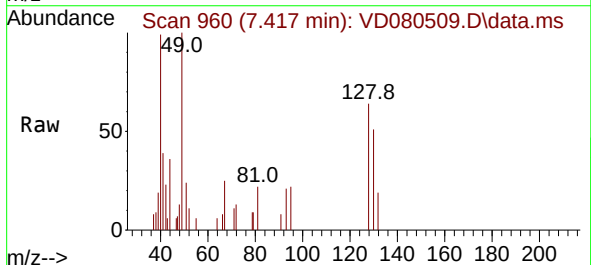
Ion	Ratio	Lower	Upper
96	100		
61	132.2	0.0	275.2
98	63.7	0.0	128.8

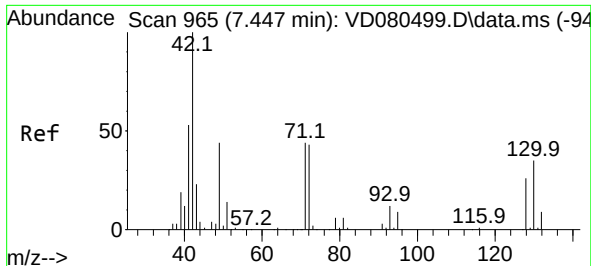


#28
 Bromochloromethane
 Concen: 2.446 ug/l
 RT: 7.417 min Scan# 960
 Delta R.T. -0.012 min
 Lab File: VD080509.D
 Acq: 04 Sep 2025 11:51

Tgt Ion: 49 Resp: 8654

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	70.8	61.1	91.7





#29

Tetrahydrofuran

Concen: 11.085 ug/l

RT: 7.453 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD080509.D

Acq: 04 Sep 2025 11:51

Instrument :

MSVOA_D

ClientSampleId :

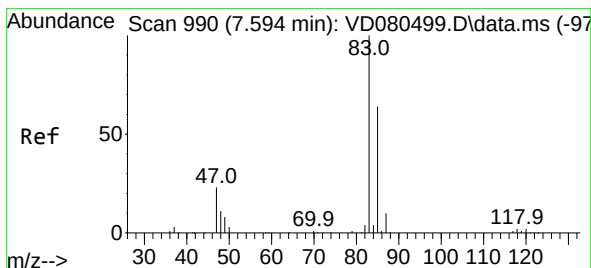
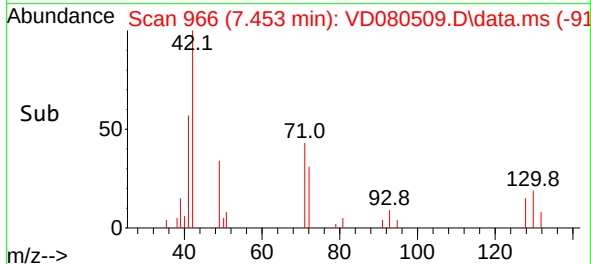
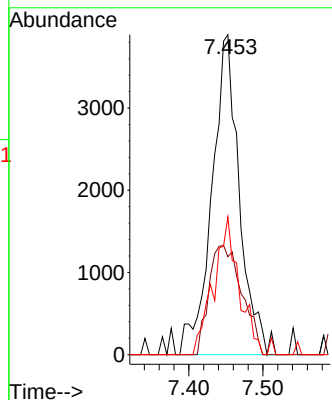
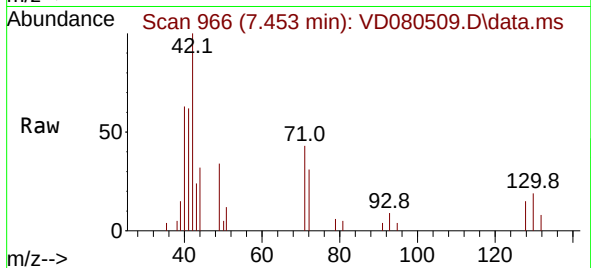
Tgt Ion: 42 Resp: 10074

Ion Ratio Lower Upper

42 100

72 40.9 34.7 52.1

71 39.6 32.9 49.3



#30

Chloroform

Concen: 2.271 ug/l

RT: 7.594 min Scan# 990

Delta R.T. 0.000 min

Lab File: VD080509.D

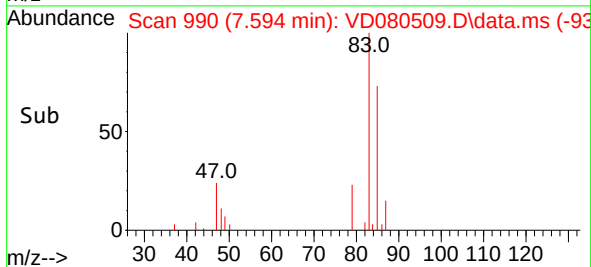
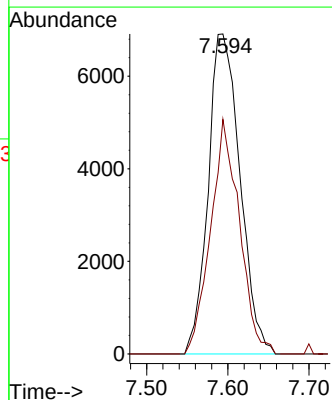
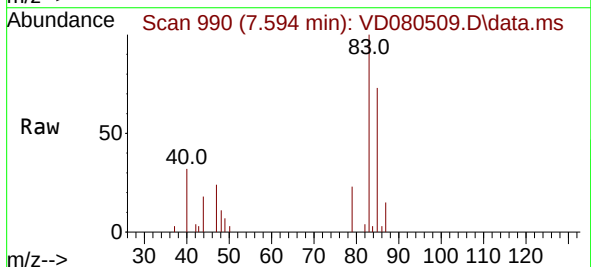
Acq: 04 Sep 2025 11:51

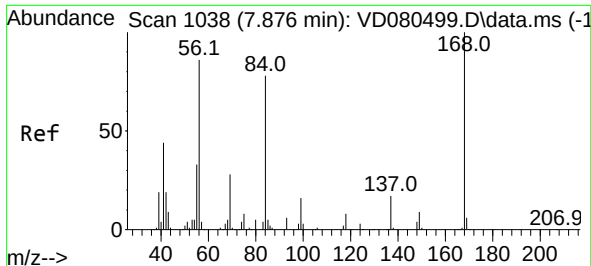
Tgt Ion: 83 Resp: 18850

Ion Ratio Lower Upper

83 100

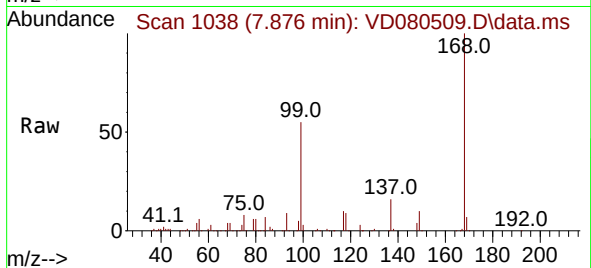
85 73.3 51.2 76.8



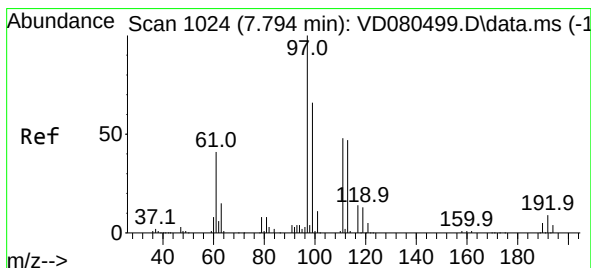
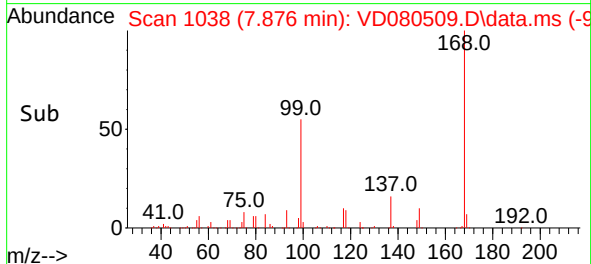
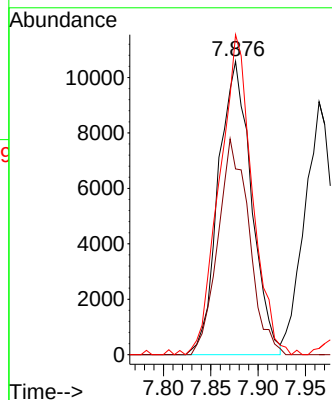


#31
Cyclohexane
Concen: 3.160 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Instrument :
MSVOA_D
ClientSampleId :

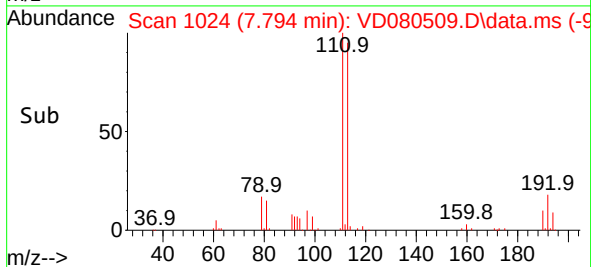
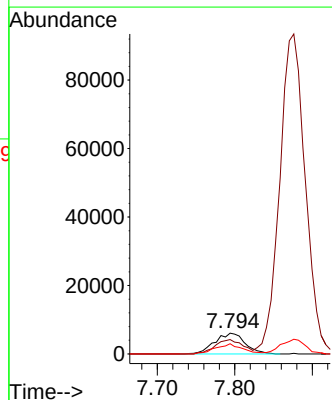
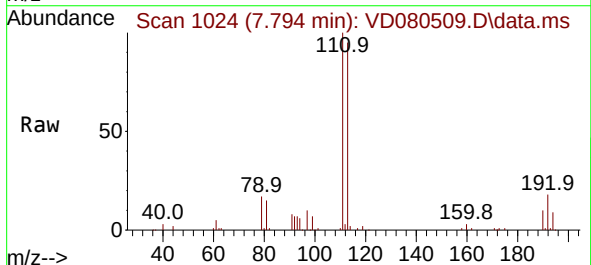


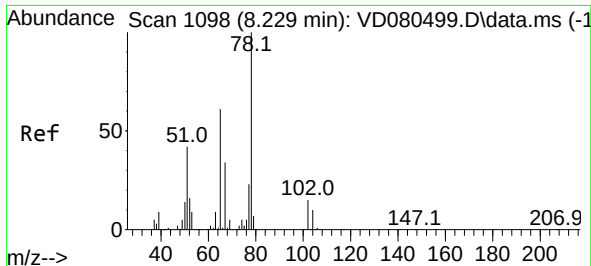
Tgt Ion: 56 Resp: 25681
Ion Ratio Lower Upper
56 100
69 63.3 26.0 39.0#
84 107.6 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 2.407 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Tgt Ion: 97 Resp: 16637
Ion Ratio Lower Upper
97 100
99 63.1 51.0 76.4
61 42.9 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 43.646 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.000 min

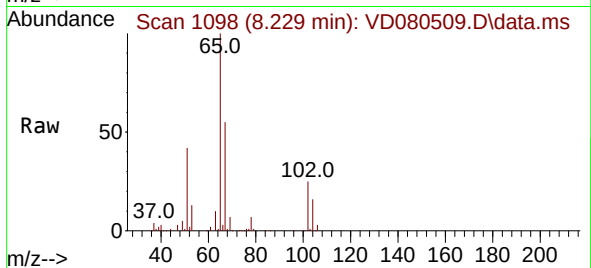
Lab File: VD080509.D

Acq: 04 Sep 2025 11:51

Instrument :

MSVOA_D

ClientSampleId :

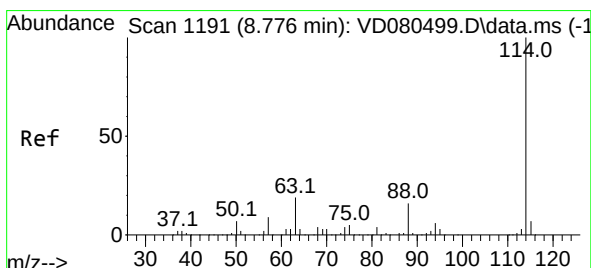
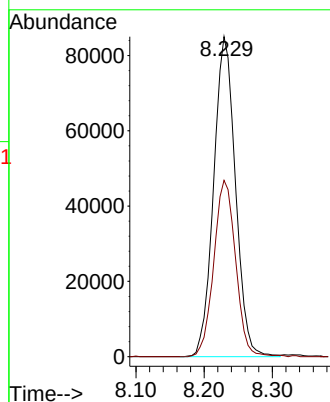
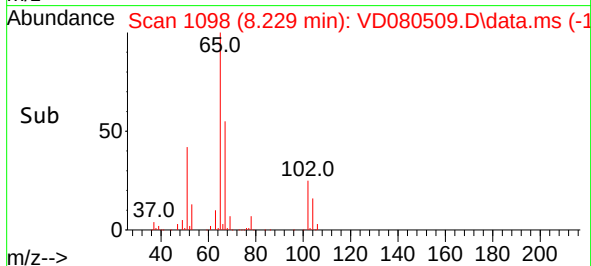


Tgt Ion: 65 Resp: 189359

Ion Ratio Lower Upper

65 100

67 55.2 0.0 113.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080509.D

Acq: 04 Sep 2025 11:51

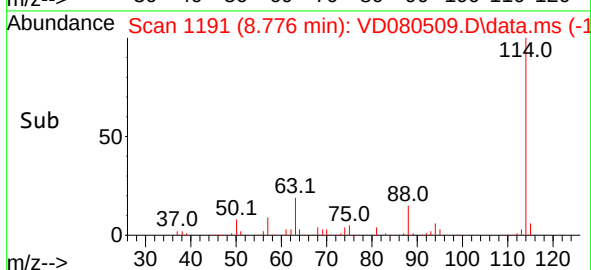
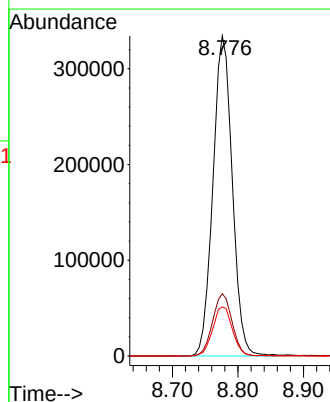
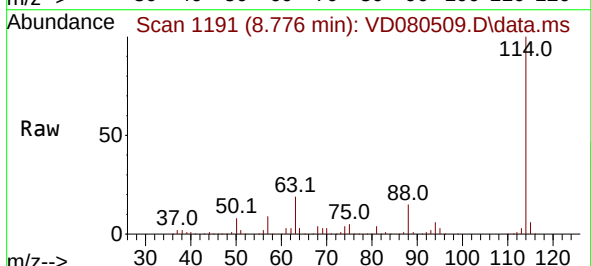
Tgt Ion: 114 Resp: 684266

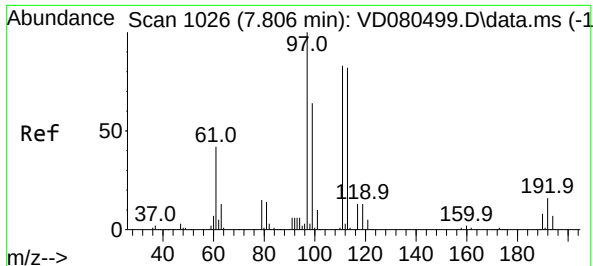
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

88 15.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 43.061 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VD080509.D

Acq: 04 Sep 2025 11:51

Instrument :

MSVOA_D

ClientSampleId :

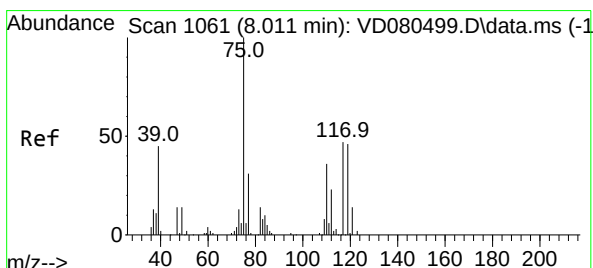
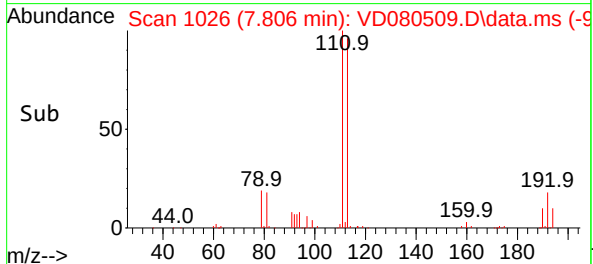
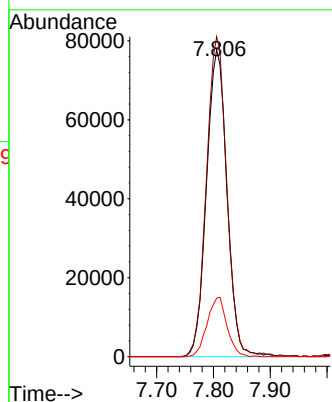
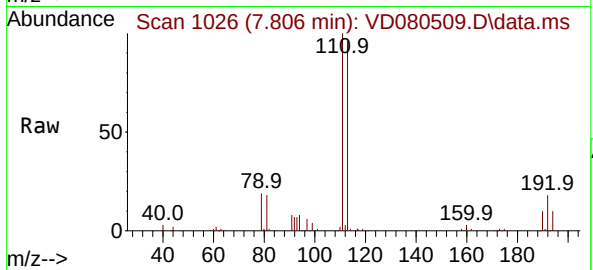
Tgt Ion:113 Resp: 194986

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

192 18.7 14.9 22.3



#36

1,1-Dichloropropene

Concen: 2.536 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.000 min

Lab File: VD080509.D

Acq: 04 Sep 2025 11:51

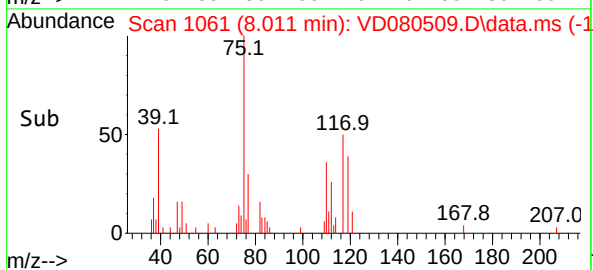
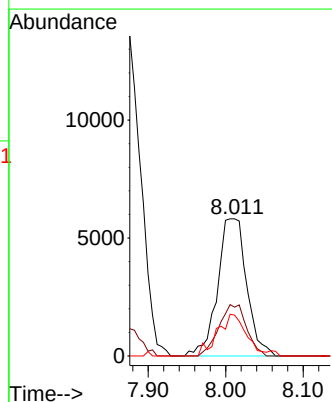
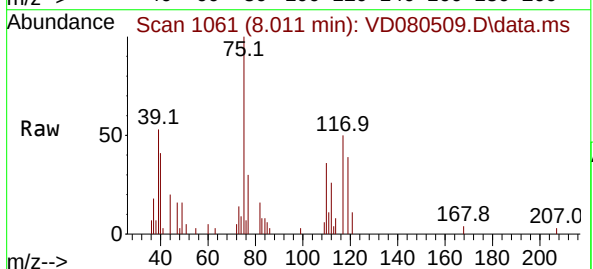
Tgt Ion: 75 Resp: 15207

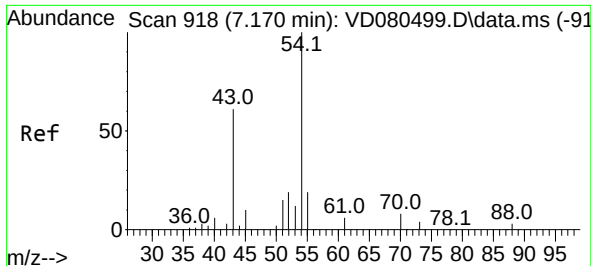
Ion Ratio Lower Upper

75 100

110 35.7 18.1 54.1

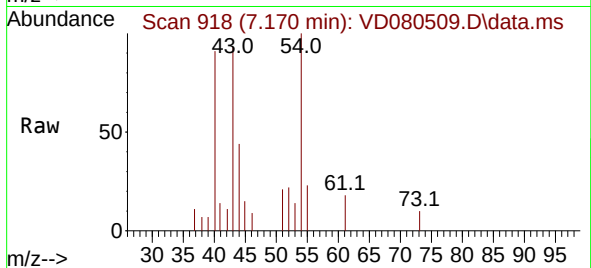
77 30.7 25.7 38.5



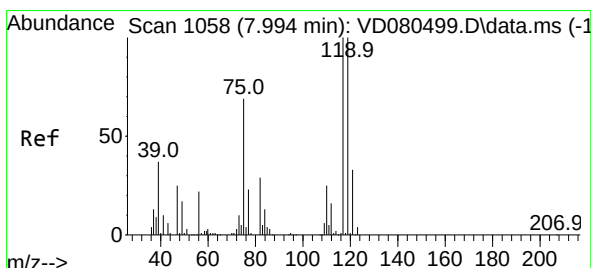
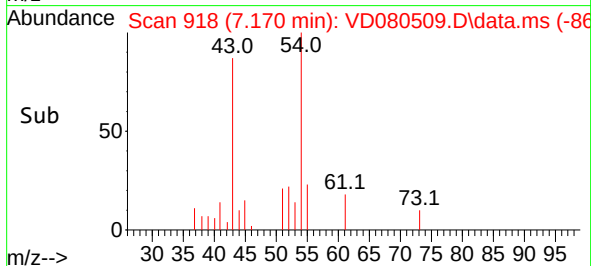
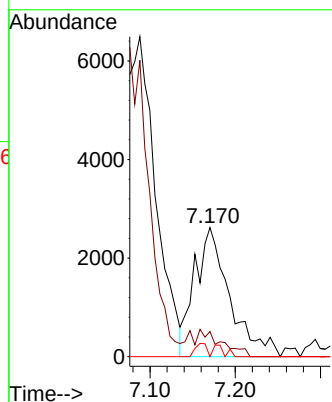


#37
Ethyl Acetate
Concen: 2.591 ug/l
RT: 7.170 min Scan# 918
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Instrument :
MSVOA_D
ClientSampleId :

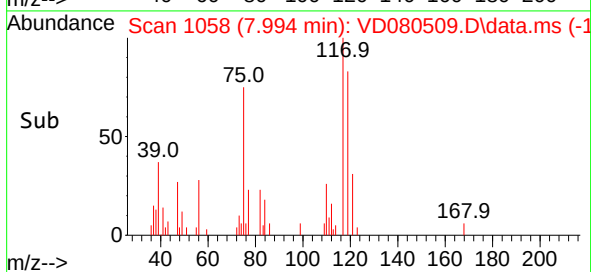
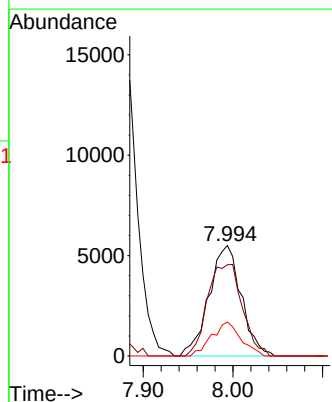
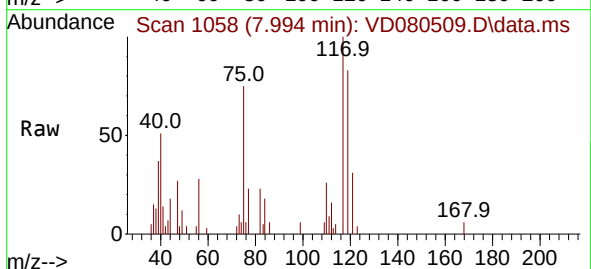


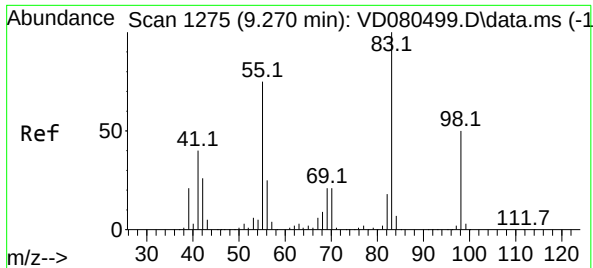
Tgt Ion: 43 Resp: 7472
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.8#
70 2.9 9.0 13.4#



#38
Carbon Tetrachloride
Concen: 2.408 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Tgt Ion: 117 Resp: 13742
Ion Ratio Lower Upper
117 100
119 82.6 80.2 120.2
121 30.8 26.8 40.2





#39

Methylcyclohexane

Concen: 2.456 ug/l

RT: 9.276 min Scan# 1101

Delta R.T. 0.006 min

Lab File: VD080509.D

Acq: 04 Sep 2025 11:51

Instrument :

MSVOA_D

ClientSampleId :

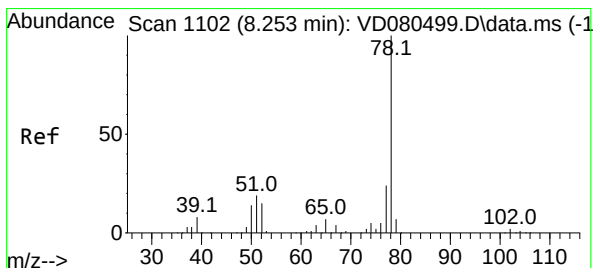
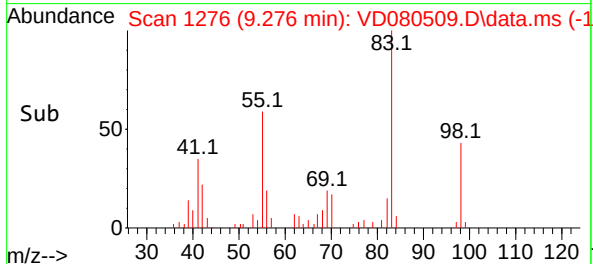
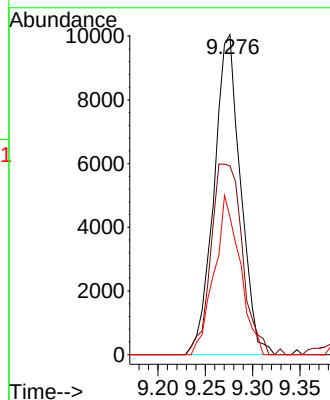
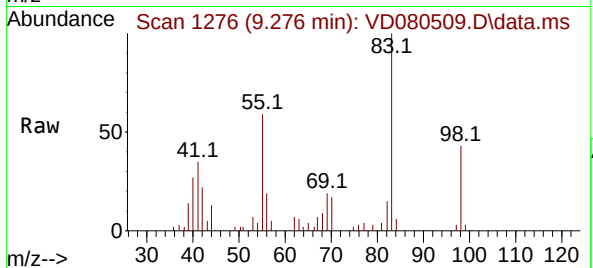
Tgt Ion: 83 Resp: 19603

Ion Ratio Lower Upper

83 100

55 59.0 60.4 90.6#

98 43.0 39.8 59.6



#40

Benzene

Concen: 2.192 ug/l

RT: 8.247 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VD080509.D

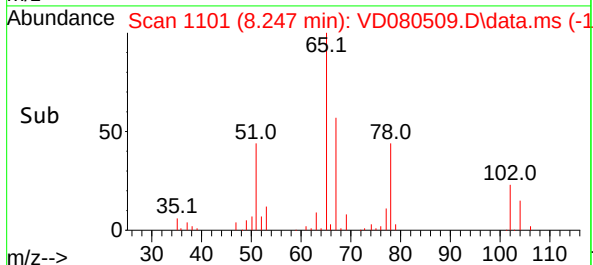
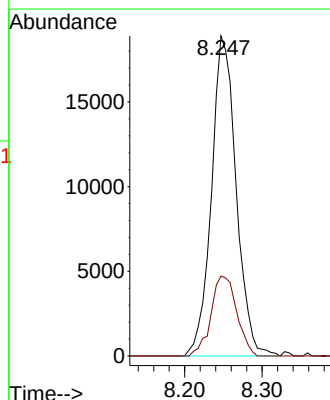
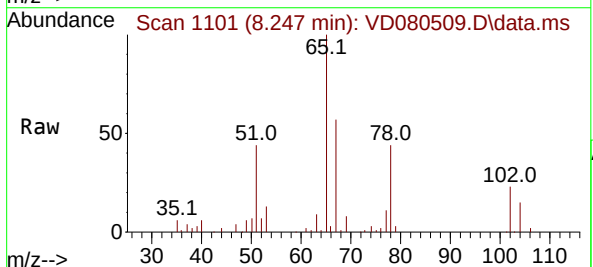
Acq: 04 Sep 2025 11:51

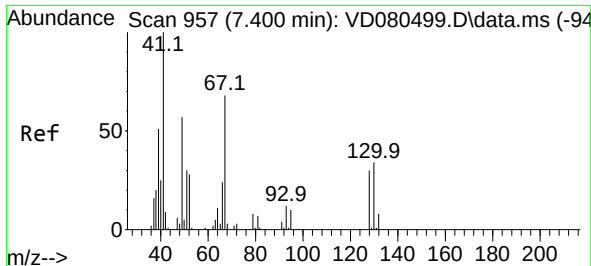
Tgt Ion: 78 Resp: 41836

Ion Ratio Lower Upper

78 100

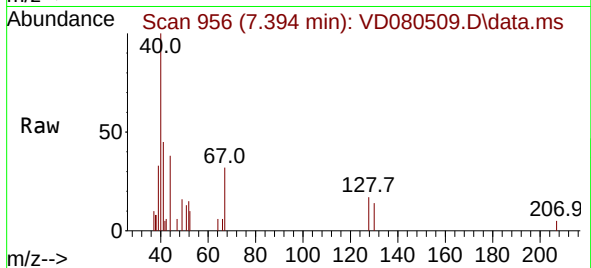
77 24.9 19.0 28.6



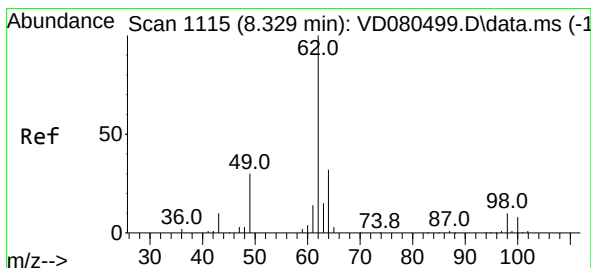
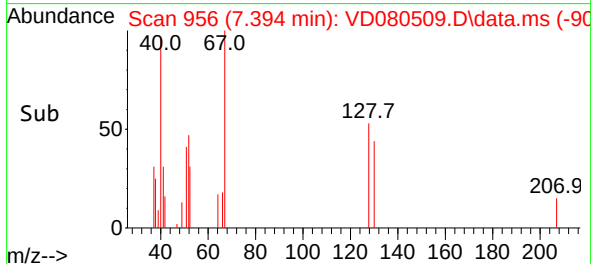
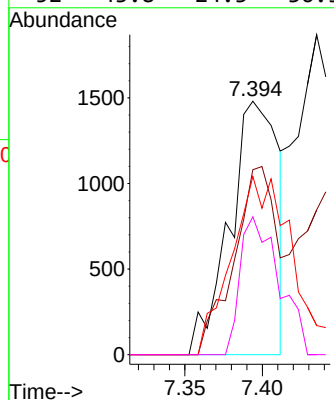


#41
Methacrylonitrile
Concen: 1.876 ug/l
RT: 7.394 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Instrument :
MSVOA_D
ClientSampleId :

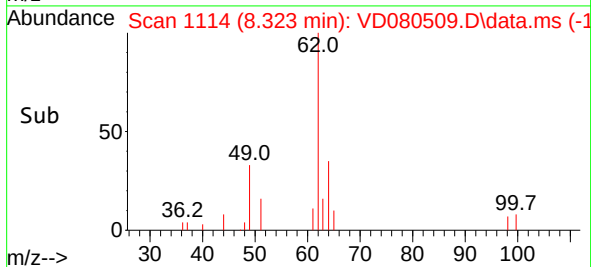
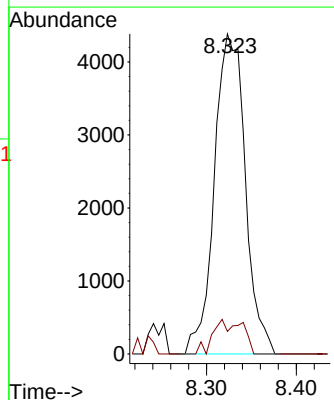
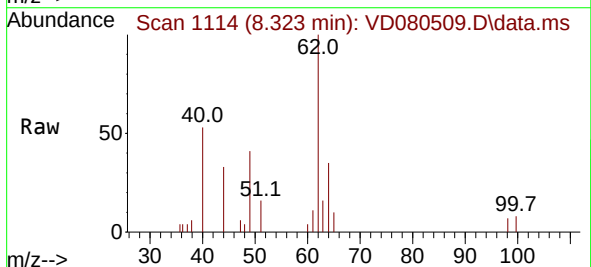


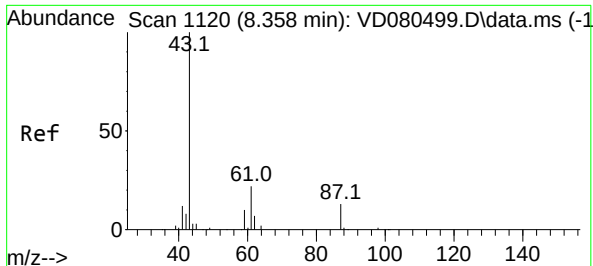
Tgt Ion:	41	Resp:	3211
Ion	Ratio	Lower	Upper
41	100		
39	70.5	50.1	75.1
67	86.3	60.8	91.2
52	43.8	24.3	36.5



#42
1,2-Dichloroethane
Concen: 2.269 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Tgt Ion:	62	Resp:	10488
Ion	Ratio	Lower	Upper
62	100		
98	5.3	0.0	22.0





#43

Isopropyl Acetate

Concen: 2.252 ug/l

RT: 8.358 min Scan# 1120

Delta R.T. 0.000 min

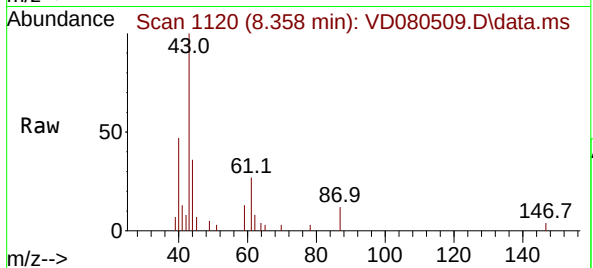
Lab File: VD080509.D

Acq: 04 Sep 2025 11:51

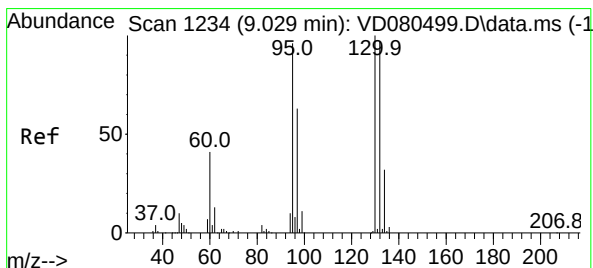
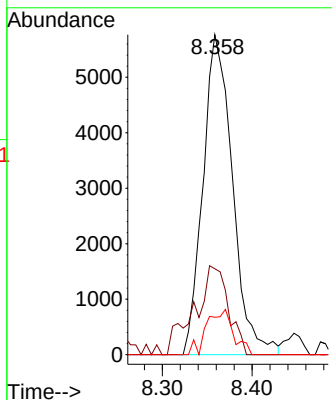
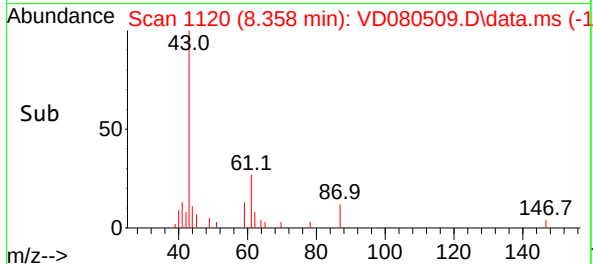
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	13210
Ion	Ratio	Lower	Upper
43	100		
61	32.0	24.3	36.5
87	12.7	10.9	16.3



#44

Trichloroethene

Concen: 2.503 ug/l

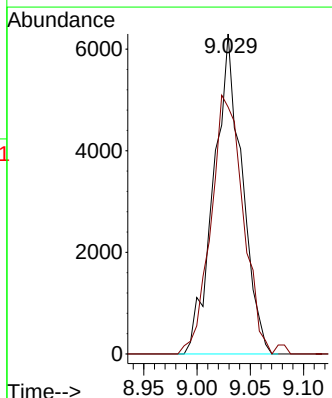
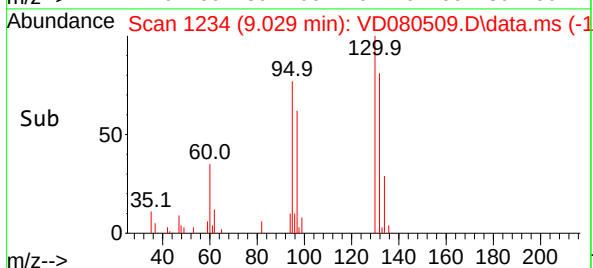
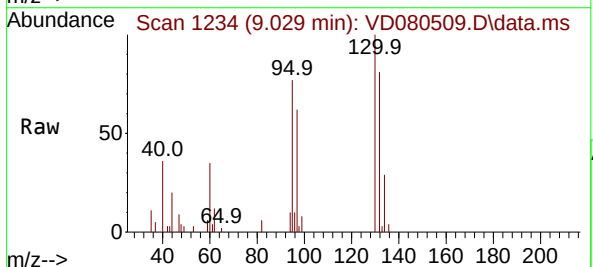
RT: 9.029 min Scan# 1234

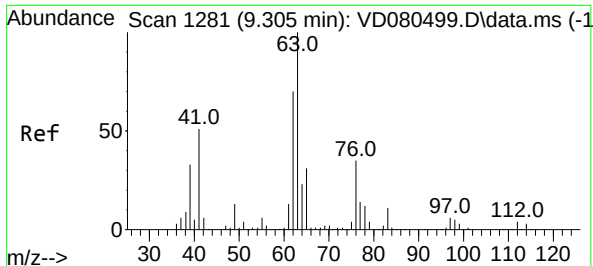
Delta R.T. 0.000 min

Lab File: VD080509.D

Acq: 04 Sep 2025 11:51

Tgt Ion:	130	Resp:	11587
Ion	Ratio	Lower	Upper
130	100		
95	77.2	0.0	191.8





#45

1,2-Dichloropropane

Concen: 2.179 ug/l

RT: 9.306 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080509.D

Acq: 04 Sep 2025 11:51

Instrument :

MSVOA_D

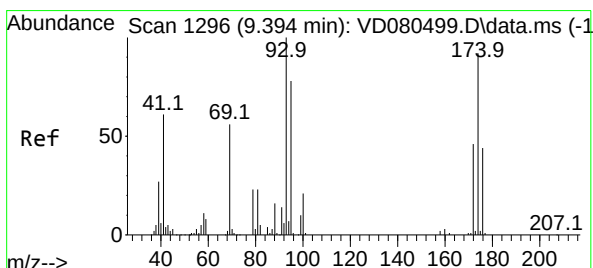
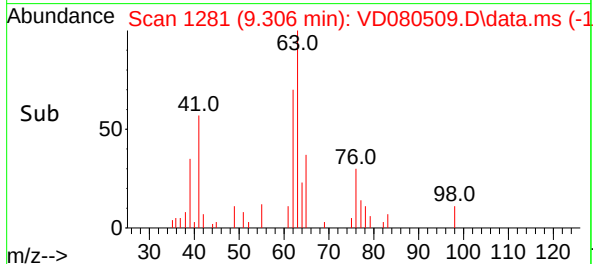
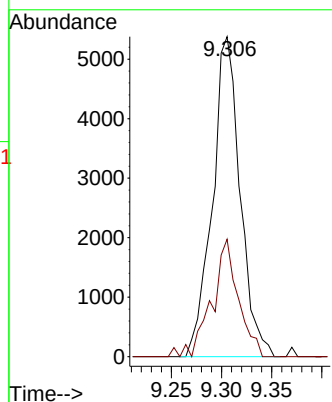
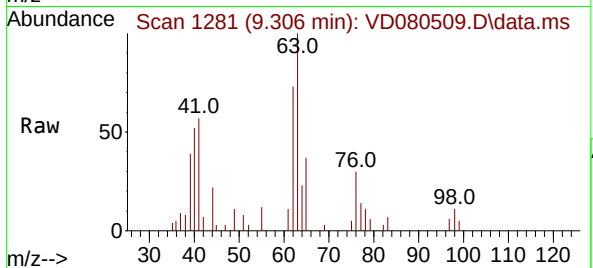
ClientSampleId :

Tgt Ion: 63 Resp: 10315

Ion Ratio Lower Upper

63 100

65 36.7 24.9 37.3



#46

Dibromomethane

Concen: 2.460 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080509.D

Acq: 04 Sep 2025 11:51

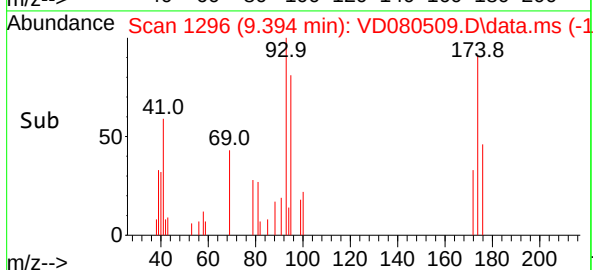
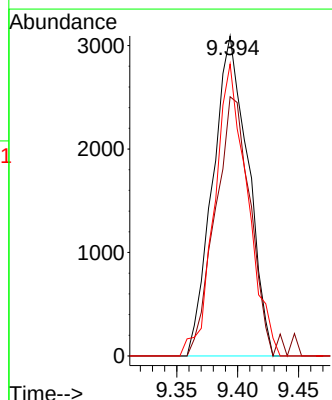
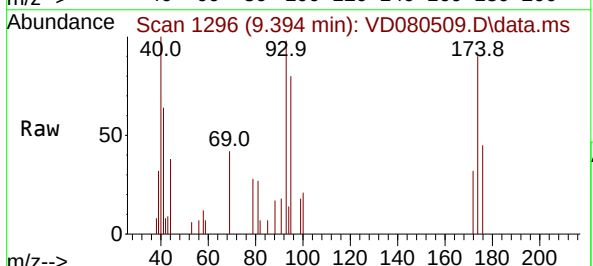
Tgt Ion: 93 Resp: 6237

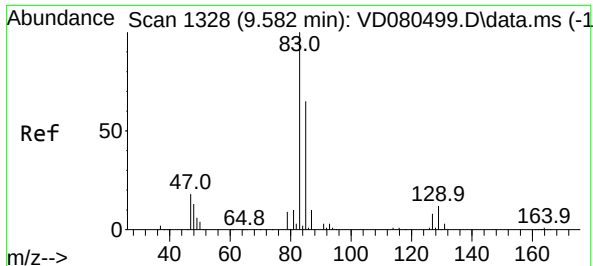
Ion Ratio Lower Upper

93 100

95 79.8 66.3 99.5

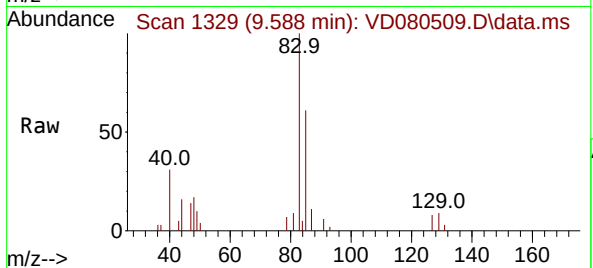
174 84.9 74.8 112.2



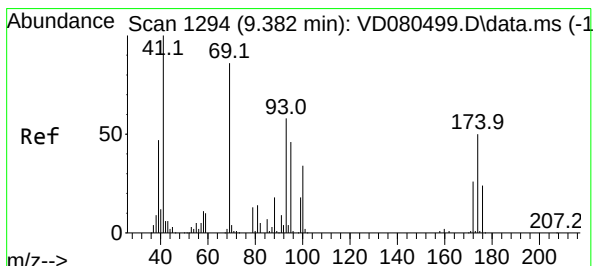
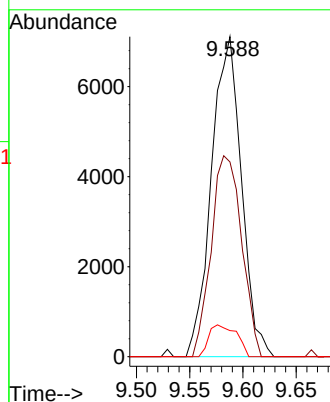
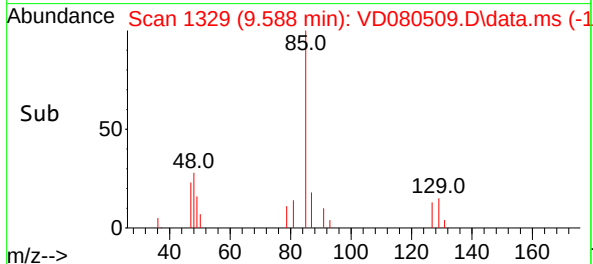


#47
Bromodichloromethane
Concen: 2.251 ug/l
RT: 9.588 min Scan# 1328
Delta R.T. 0.006 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

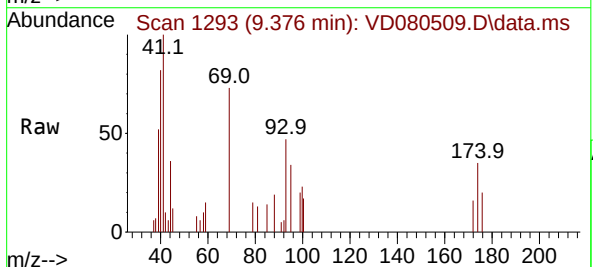
Instrument :
MSVOA_D
ClientSampleId :



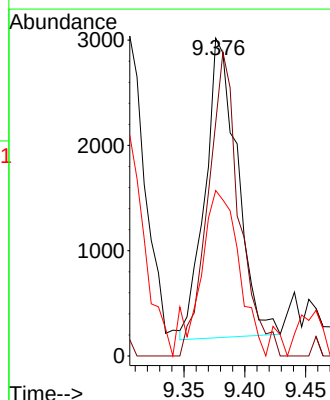
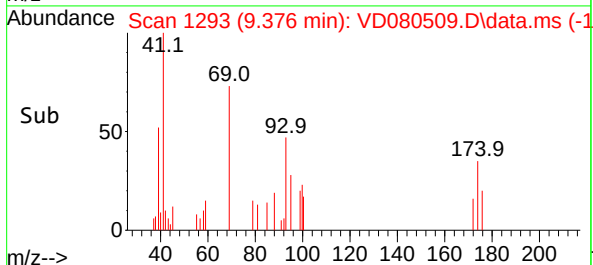
Tgt Ion: 83 Resp: 13913
Ion Ratio Lower Upper
83 100
85 60.9 52.2 78.2
127 8.1 6.6 9.8

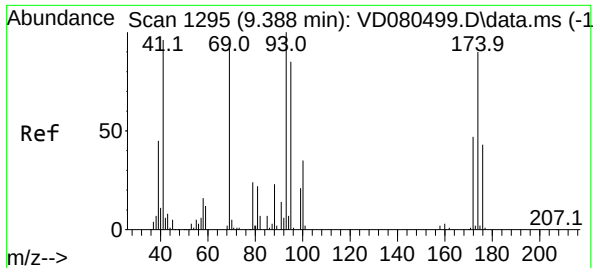


#48
Methyl methacrylate
Concen: 1.799 ug/l
RT: 9.376 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51



Tgt Ion: 41 Resp: 5231
Ion Ratio Lower Upper
41 100
69 99.1 68.7 103.1
39 65.7 36.5 54.7#





#49

1,4-Dioxane

Concen: 39.047 ug/l

RT: 9.382 min Scan# 1295

Delta R.T. -0.006 min

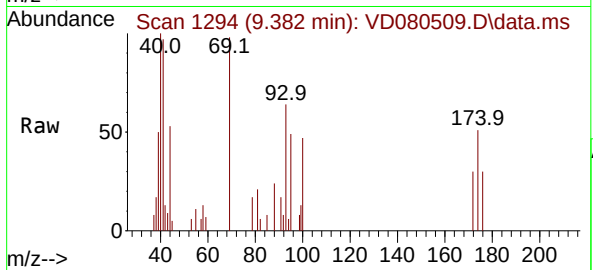
Lab File: VD080509.D

Acq: 04 Sep 2025 11:51

Instrument :

MSVOA_D

ClientSampleId :



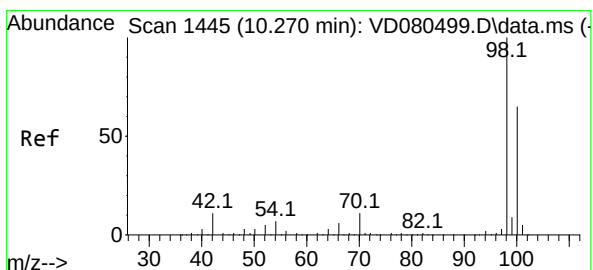
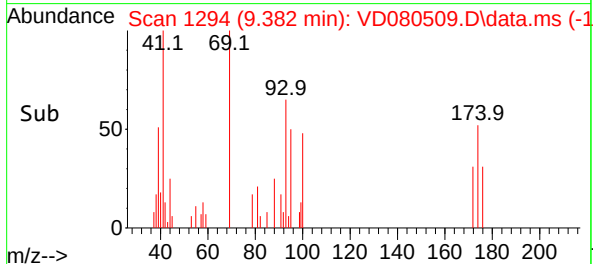
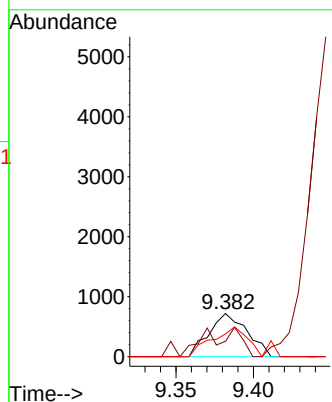
Tgt Ion: 88 Resp: 1224

Ion Ratio Lower Upper

88 100

43 31.0 26.1 39.1

58 64.1 54.2 81.2



#50

Toluene-d8

Concen: 43.927 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080509.D

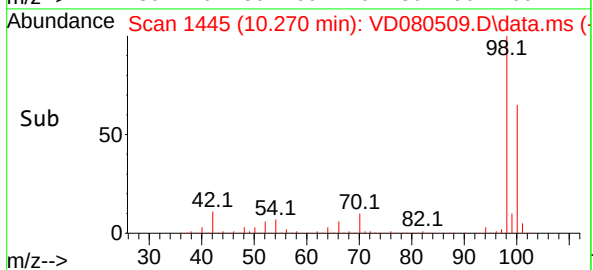
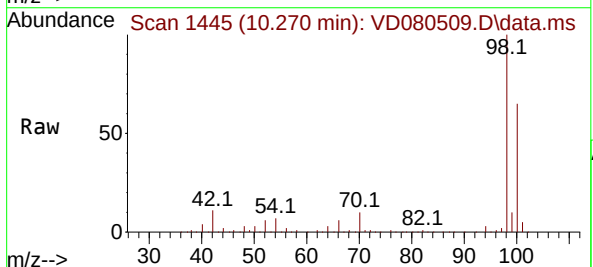
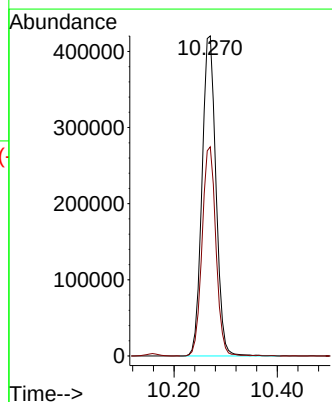
Acq: 04 Sep 2025 11:51

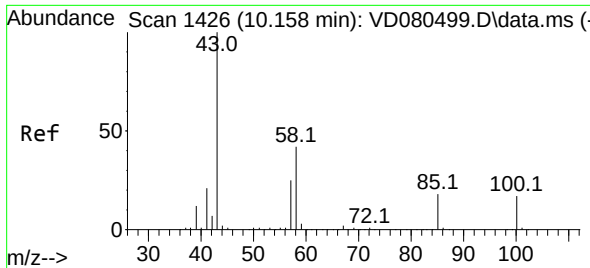
Tgt Ion: 98 Resp: 785169

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.6

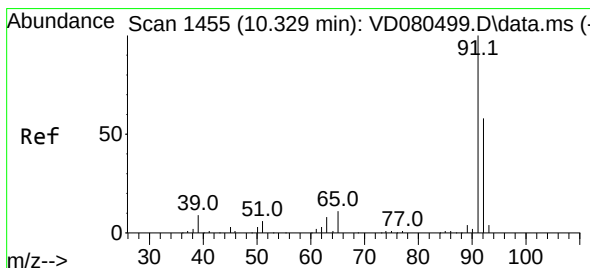
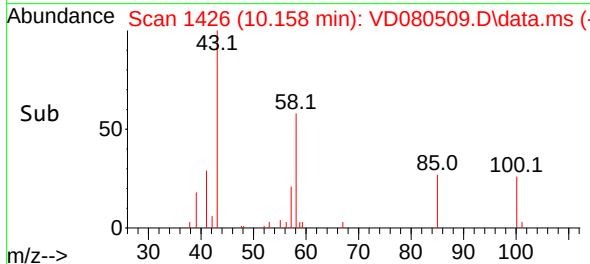
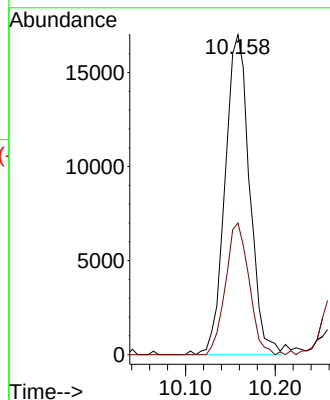
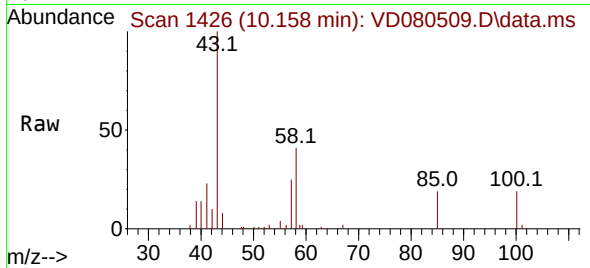




#51
4-Methyl-2-Pentanone
Concen: 11.027 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

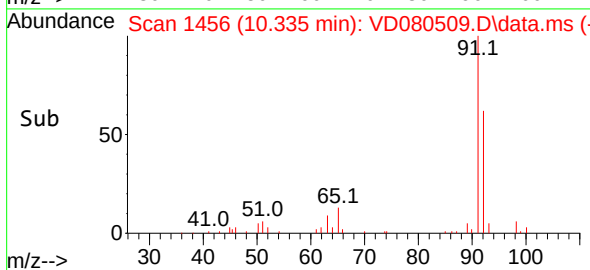
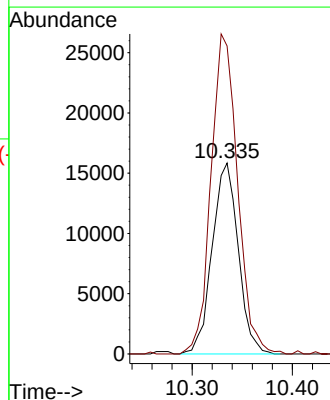
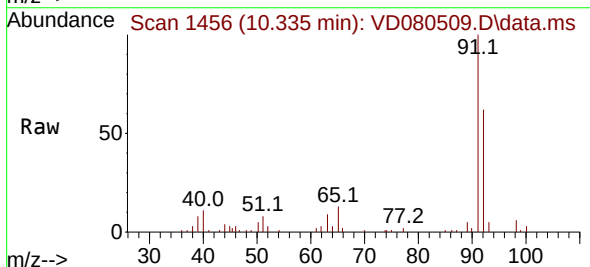
Instrument :
MSVOA_D
ClientSampleId :

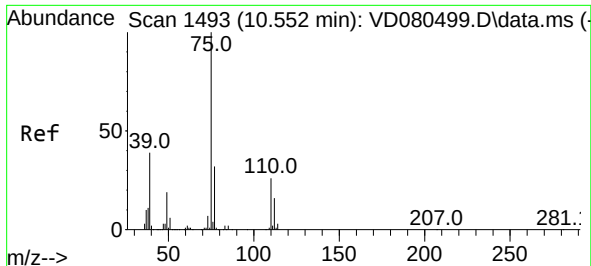
Tgt Ion: 43 Resp: 32264
Ion Ratio Lower Upper
43 100
58 39.5 32.8 49.2



#52
Toluene
Concen: 2.406 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Tgt Ion: 92 Resp: 28636
Ion Ratio Lower Upper
92 100
91 170.7 138.8 208.2

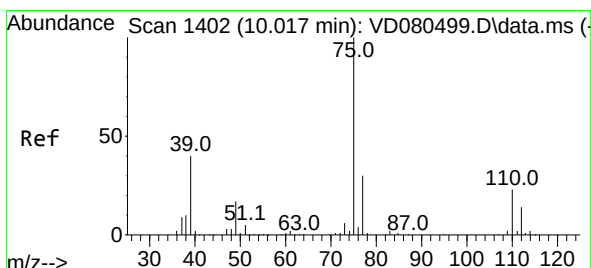
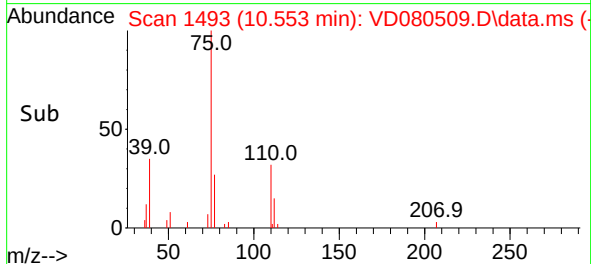
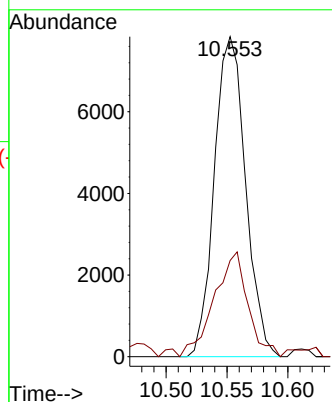
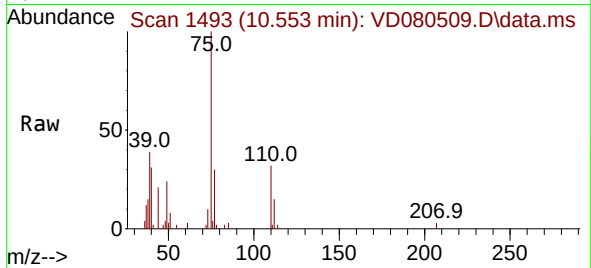




#53
t-1,3-Dichloropropene
Concen: 2.221 ug/l
RT: 10.553 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

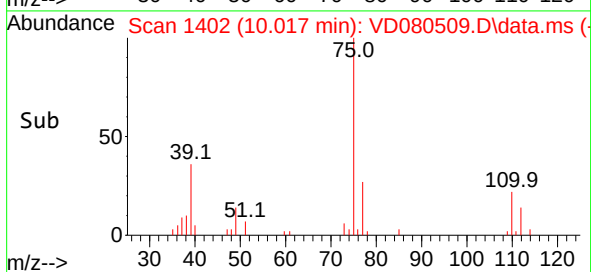
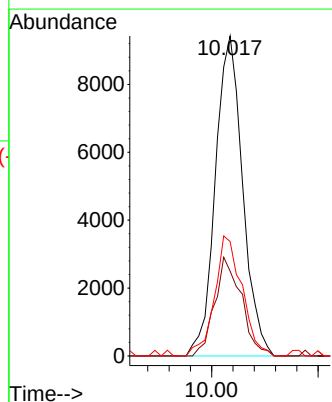
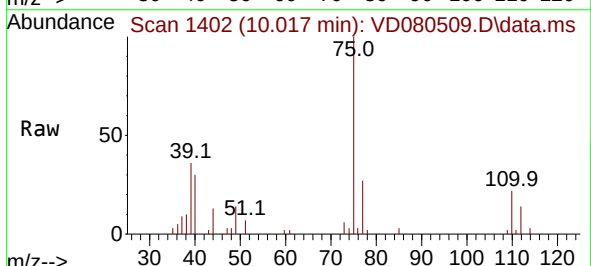
Instrument :
MSVOA_D
ClientSampleId :

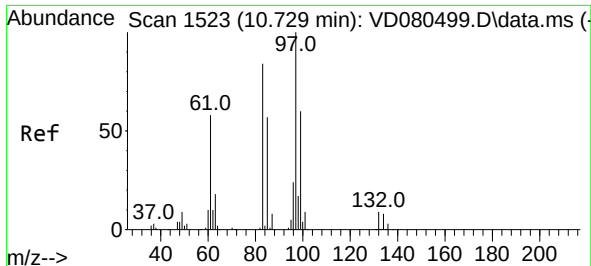
Tgt Ion: 75 Resp: 13992
Ion Ratio Lower Upper
75 100
77 30.0 25.9 38.9



#54
cis-1,3-Dichloropropene
Concen: 2.227 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Tgt Ion: 75 Resp: 16774
Ion Ratio Lower Upper
75 100
77 26.5 24.2 36.4
39 35.8 31.8 47.6

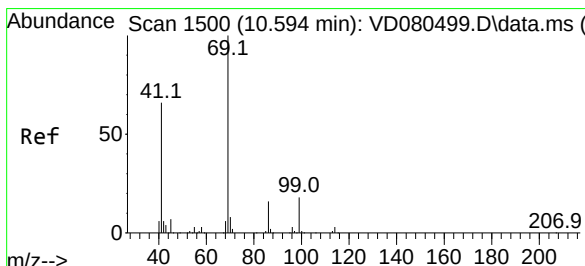
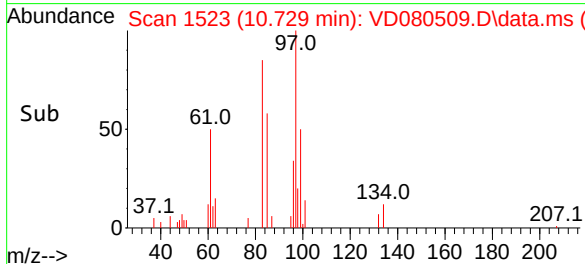
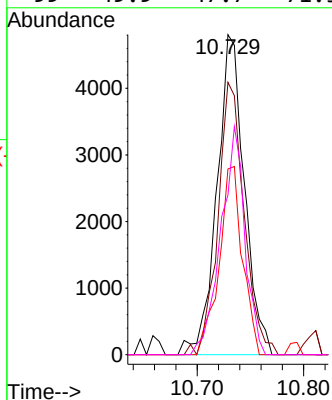
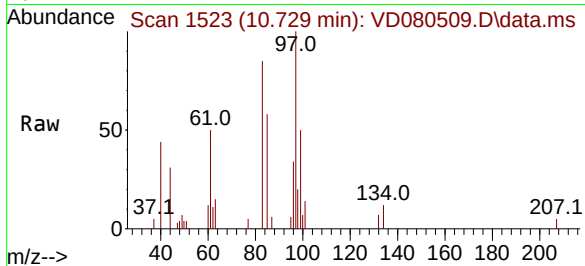




#55
 1,1,2-Trichloroethane
 Concen: 2.533 ug/l
 RT: 10.729 min Scan# 1523
 Delta R.T. 0.000 min
 Lab File: VD080509.D
 Acq: 04 Sep 2025 11:51

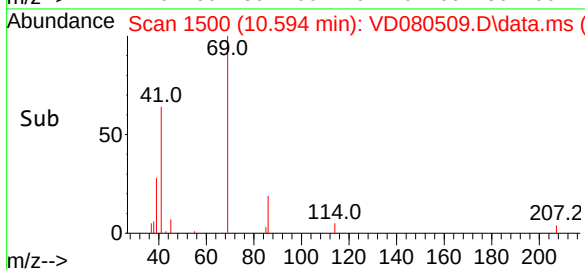
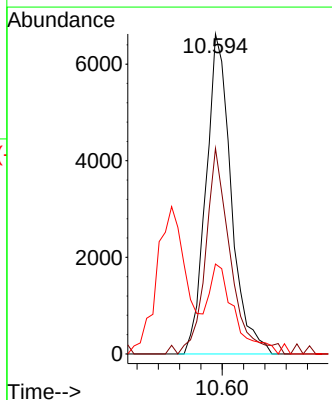
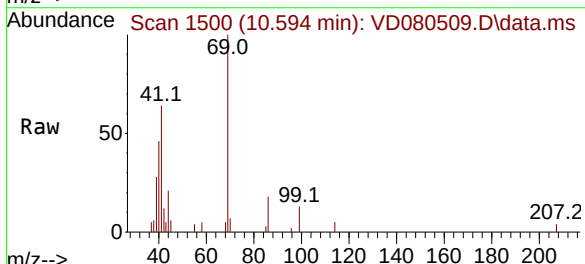
Instrument :
 MSVOA_D
 ClientSampleId :

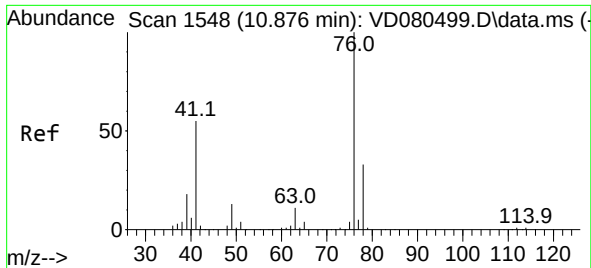
Tgt Ion:	97	Resp:	8611
Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.0	100.6
85	58.1	45.6	68.4
99	49.9	47.7	71.5



#56
 Ethyl methacrylate
 Concen: 2.289 ug/l
 RT: 10.594 min Scan# 1500
 Delta R.T. 0.000 min
 Lab File: VD080509.D
 Acq: 04 Sep 2025 11:51

Tgt Ion:	69	Resp:	10843
Ion	Ratio	Lower	Upper
69	100		
41	63.7	51.9	77.9
39	28.0	23.6	35.4

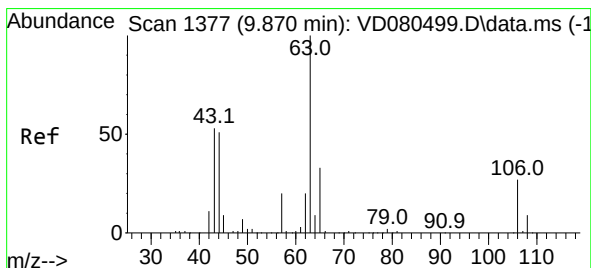
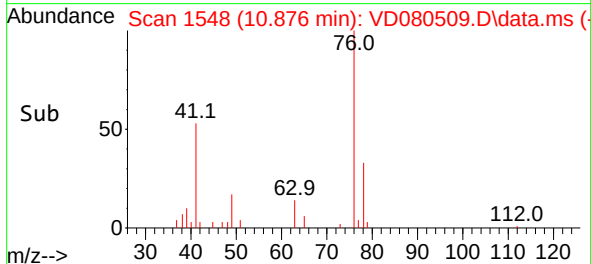
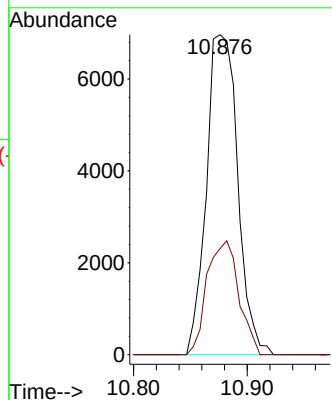
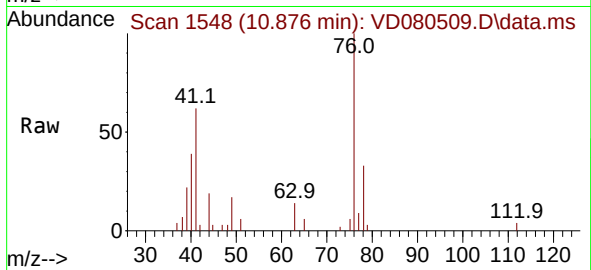




#57
1,3-Dichloropropane
Concen: 2.237 ug/l
RT: 10.876 min Scan# 1548
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

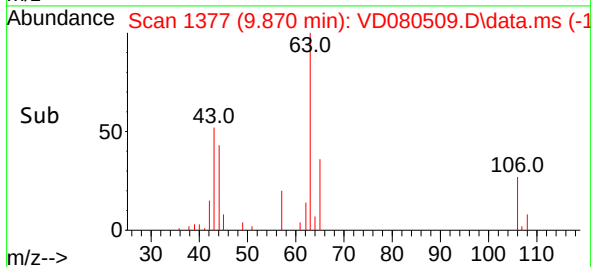
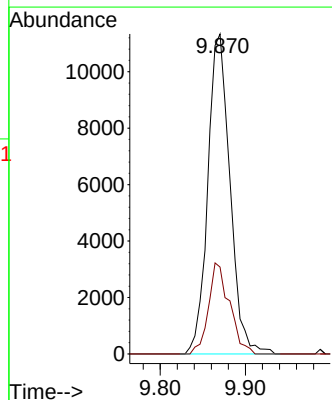
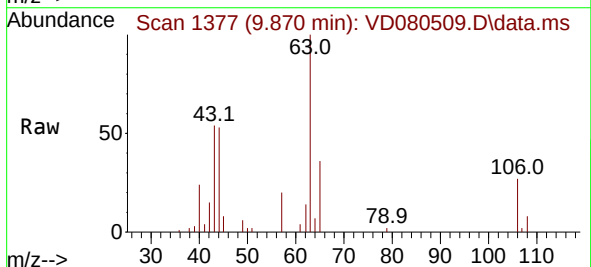
Instrument :
MSVOA_D
ClientSampleId :

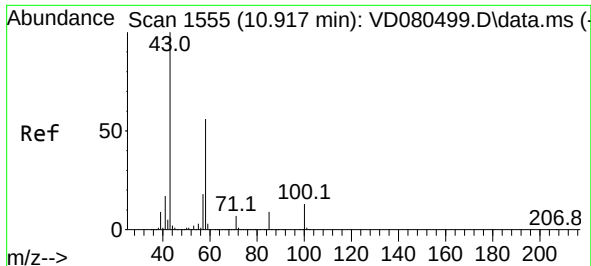
Tgt Ion: 76 Resp: 13345
Ion Ratio Lower Upper
76 100
78 36.1 26.9 40.3



#58
2-Chloroethyl Vinyl ether
Concen: 11.212 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Tgt Ion: 63 Resp: 20551
Ion Ratio Lower Upper
63 100
106 26.9 22.1 33.1

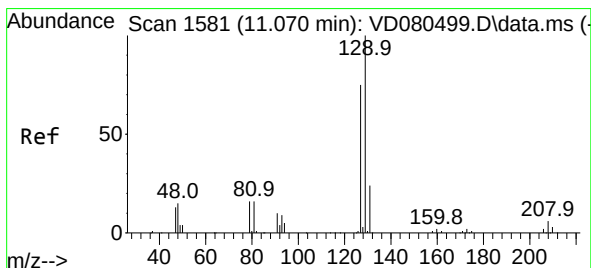
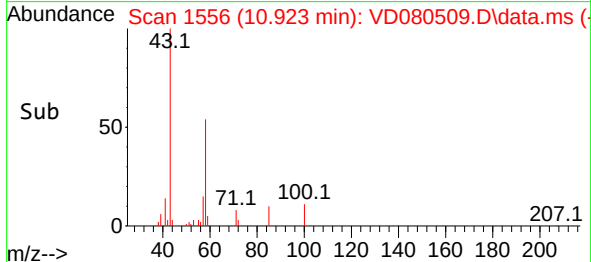
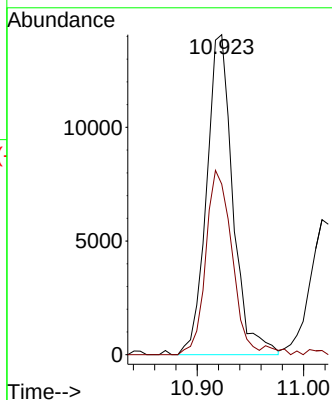
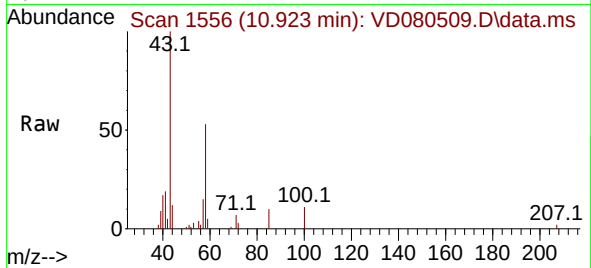




#59
2-Hexanone
Concen: 11.596 ug/l
RT: 10.923 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

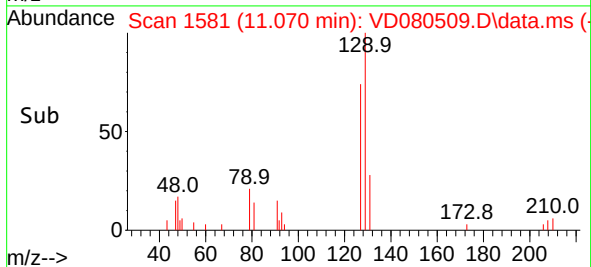
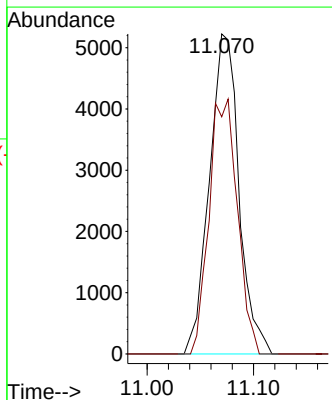
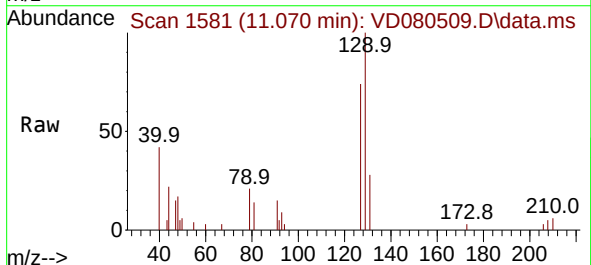
Instrument :
MSVOA_D
ClientSampleId :

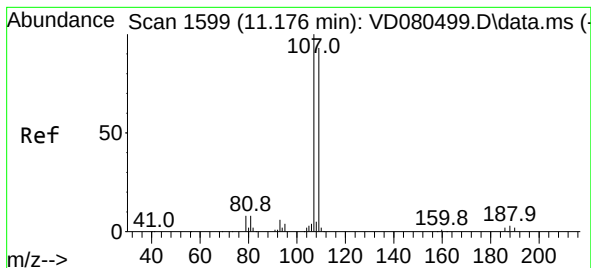
Tgt Ion: 43 Resp: 24106
Ion Ratio Lower Upper
43 100
58 57.0 28.3 85.0



#60
Dibromochloromethane
Concen: 2.352 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Tgt Ion: 129 Resp: 10076
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.7

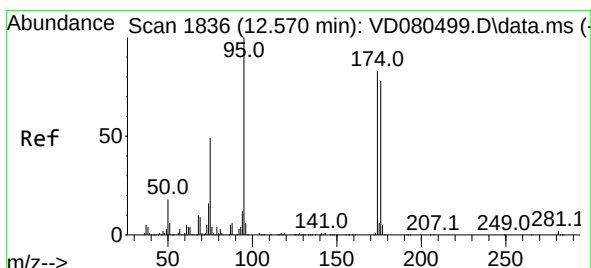
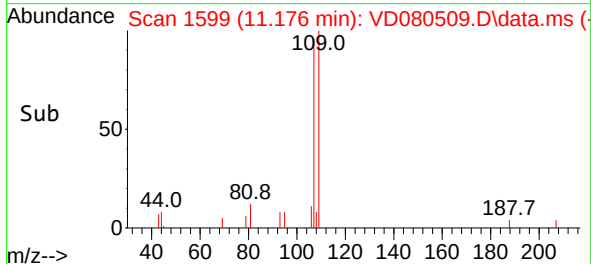
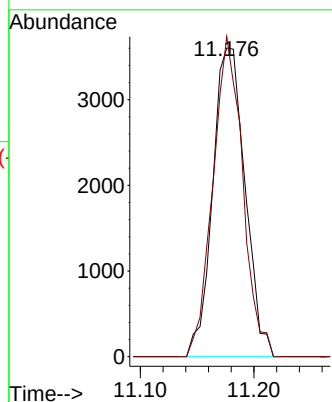
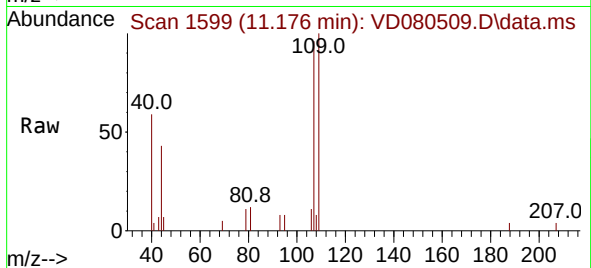




#61
1,2-Dibromoethane
Concen: 2.209 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

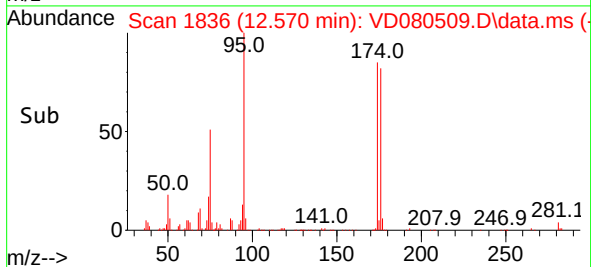
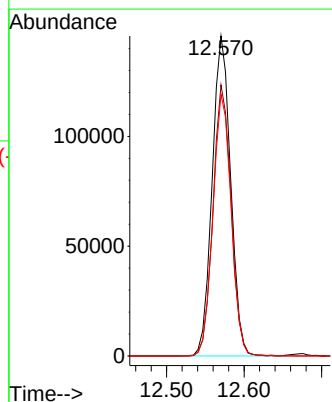
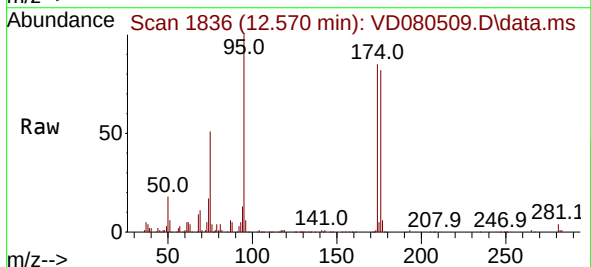
Instrument :
MSVOA_D
ClientSampleId :

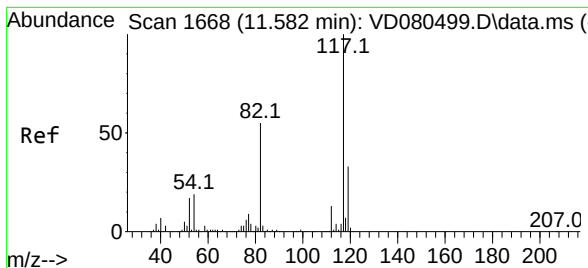
Tgt Ion:107 Resp: 7147
Ion Ratio Lower Upper
107 100
109 95.4 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 41.423 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

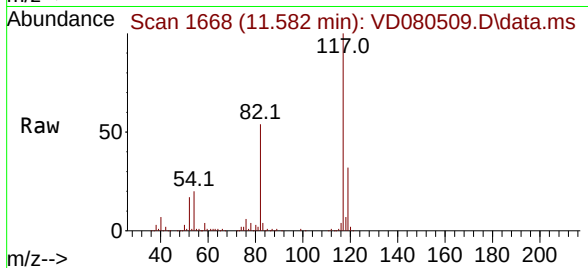
Tgt Ion: 95 Resp: 241143
Ion Ratio Lower Upper
95 100
174 82.9 0.0 162.6
176 80.4 0.0 156.0



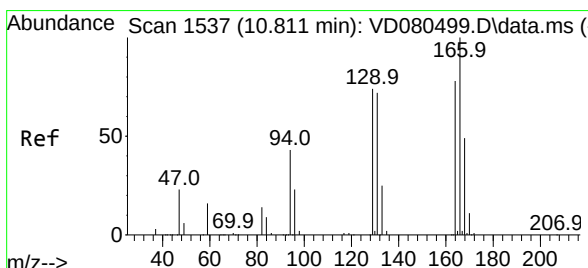
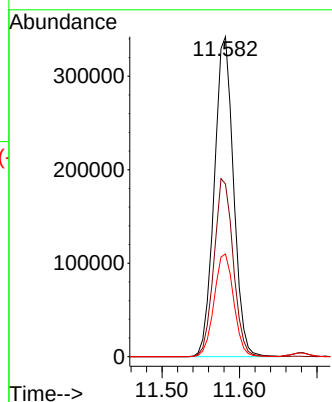
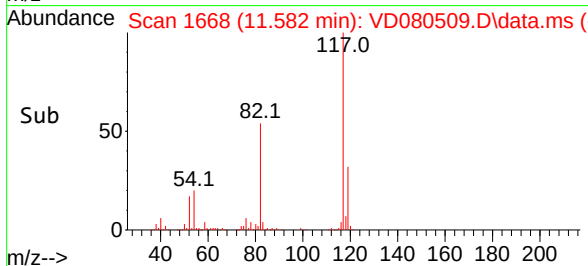


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

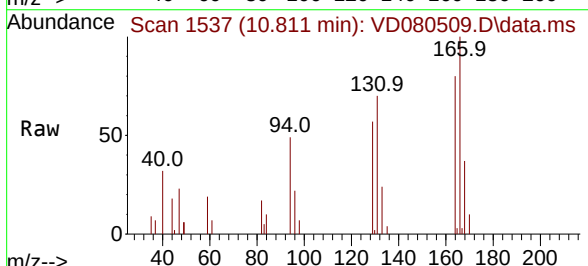
Instrument :
MSVOA_D
ClientSampleId :



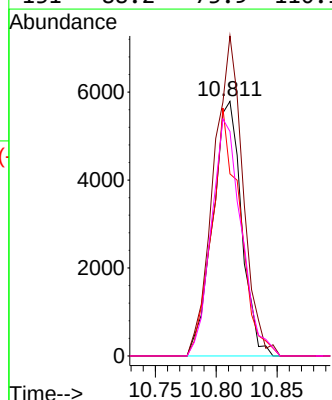
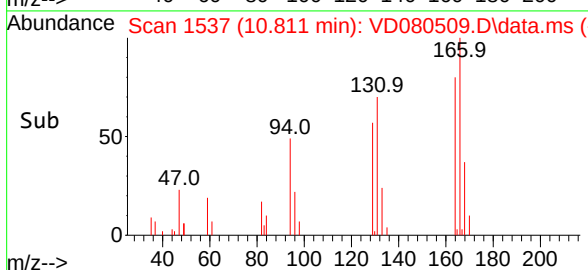
Tgt Ion:117 Resp: 590167
Ion Ratio Lower Upper
117 100
82 54.0 43.8 65.6
119 32.1 26.1 39.1

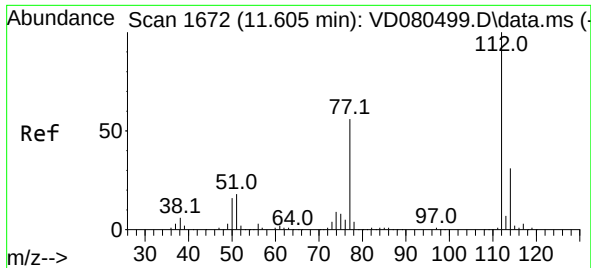


#64
Tetrachloroethene
Concen: 2.611 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51



Tgt Ion:164 Resp: 9515
Ion Ratio Lower Upper
164 100
166 125.7 103.1 154.7
129 71.5 76.2 114.2#
131 88.2 73.9 110.9

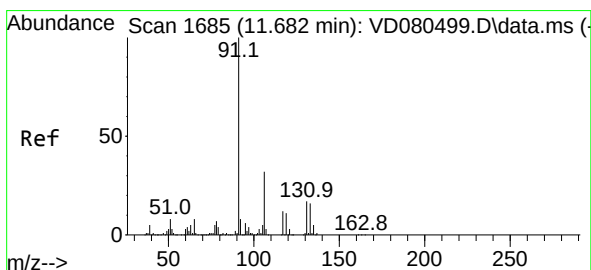
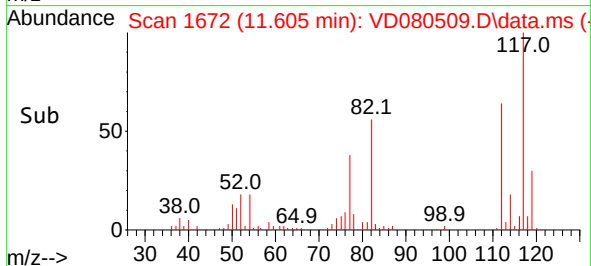
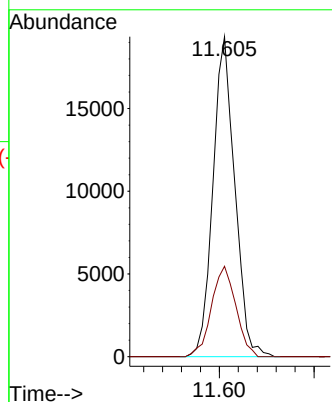
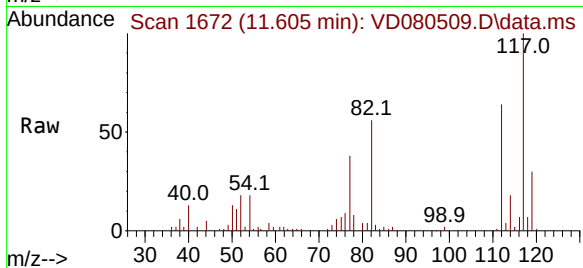




#65
Chlorobenzene
Concen: 2.459 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

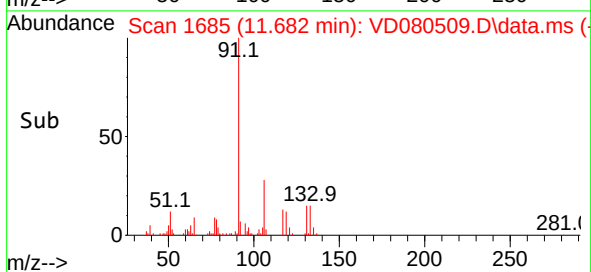
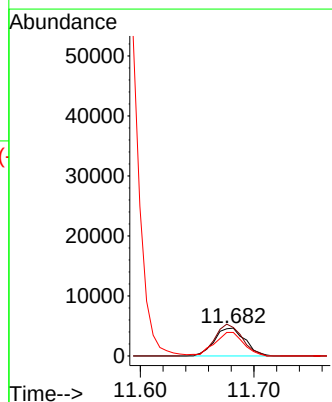
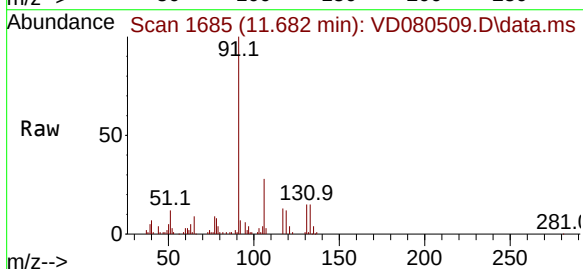
Instrument :
MSVOA_D
ClientSampleId :

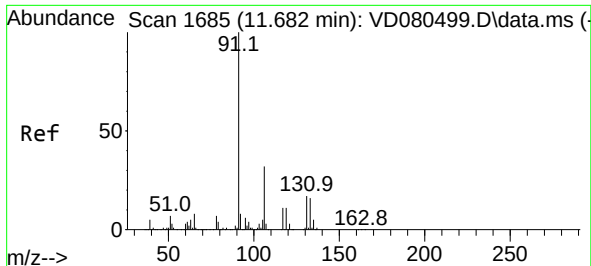
Tgt Ion:112 Resp: 30919
Ion Ratio Lower Upper
112 100
114 28.2 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 2.173 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Tgt Ion:131 Resp: 8716
Ion Ratio Lower Upper
131 100
133 103.0 47.8 143.3
119 80.2 34.6 103.9

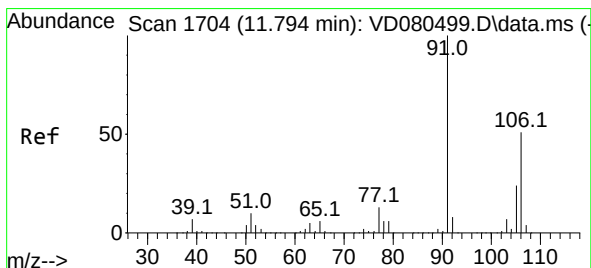
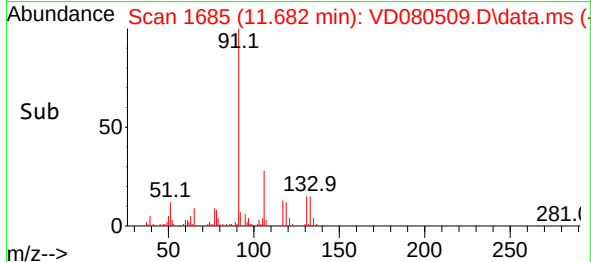
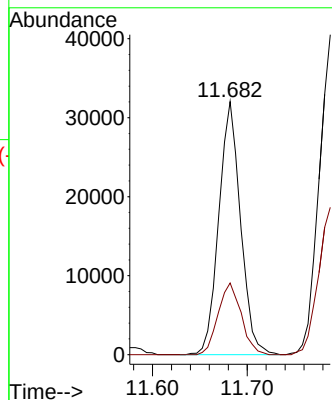
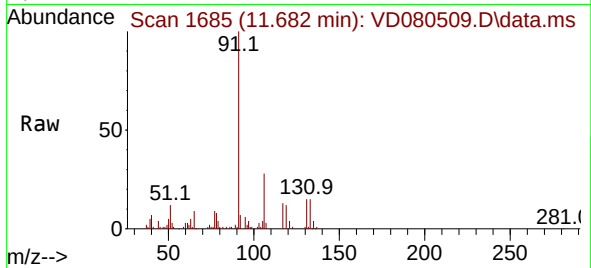




#67
Ethyl Benzene
Concen: 2.349 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

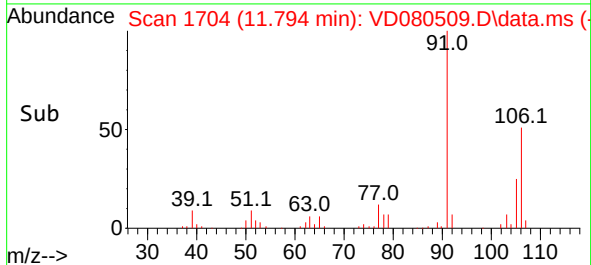
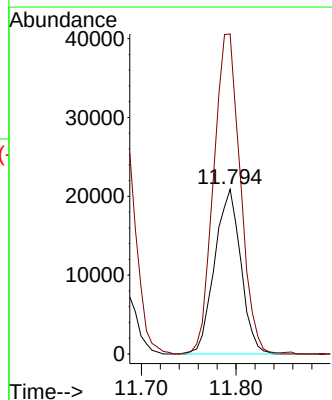
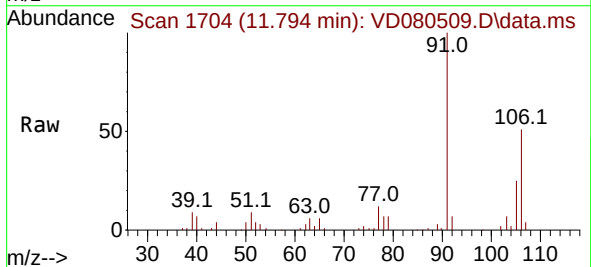
Instrument :
MSVOA_D
ClientSampleId :

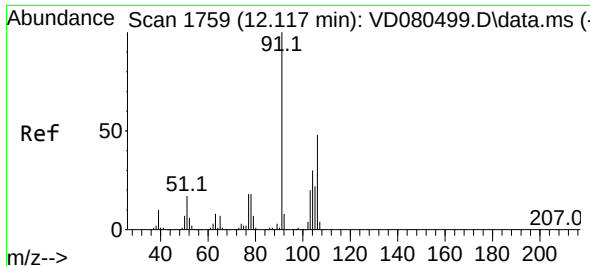
Tgt Ion: 91 Resp: 51141
Ion Ratio Lower Upper
91 100
106 28.4 25.4 38.0



#68
m/p-Xylenes
Concen: 4.781 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Tgt Ion: 106 Resp: 40073
Ion Ratio Lower Upper
106 100
91 198.3 158.5 237.7

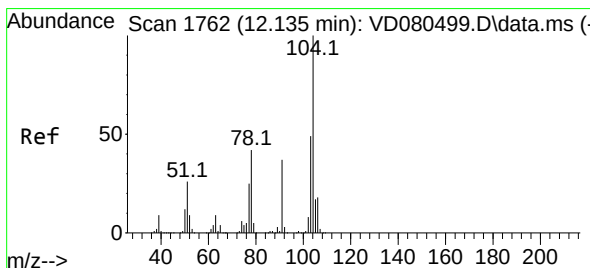
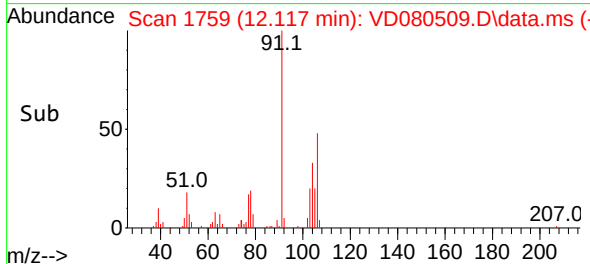
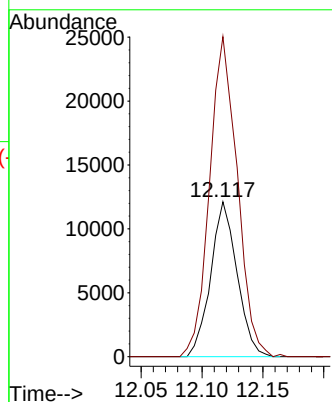
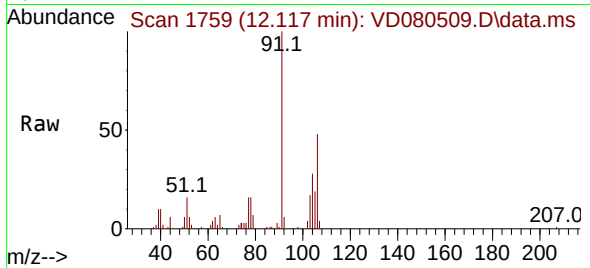




#69
o-Xylene
Concen: 2.286 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

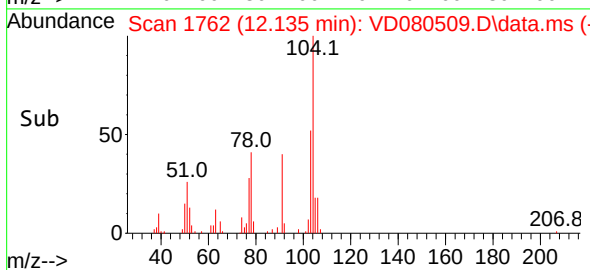
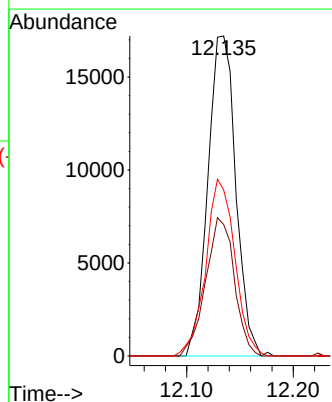
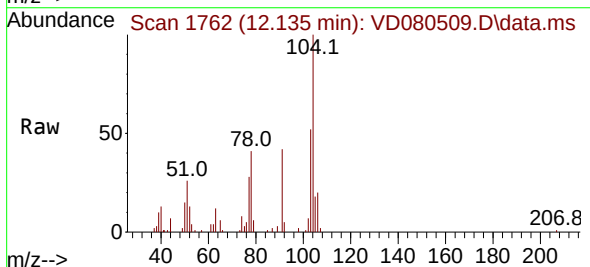
Instrument :
MSVOA_D
ClientSampleId :

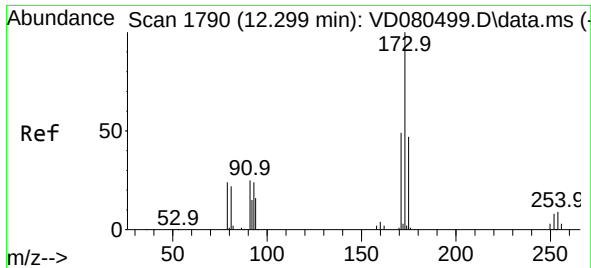
Tgt Ion:106 Resp: 18285
Ion Ratio Lower Upper
106 100
91 216.8 105.3 315.8



#70
Styrene
Concen: 2.299 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Tgt Ion:104 Resp: 31276
Ion Ratio Lower Upper
104 100
78 44.4 37.9 56.9
103 57.7 43.5 65.3

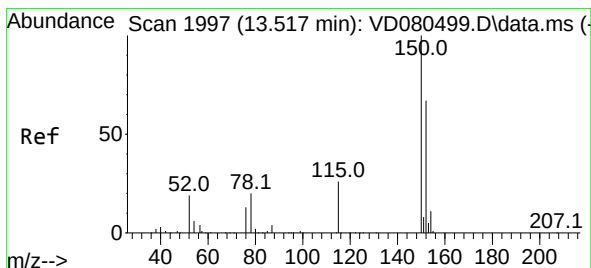
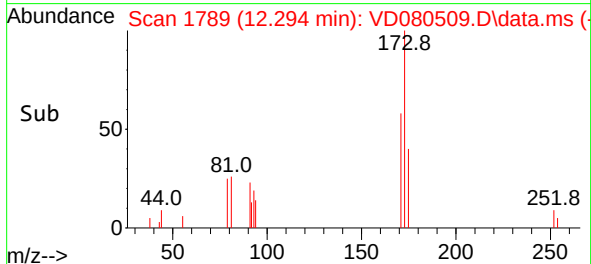
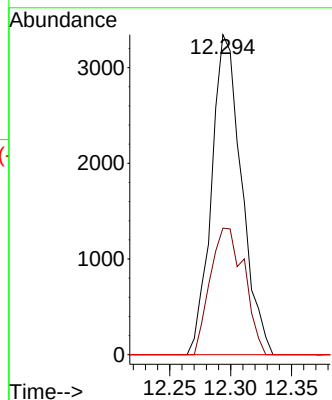
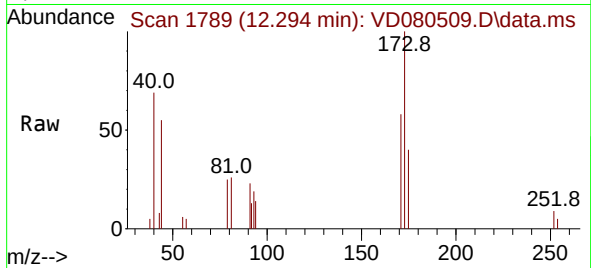




#71
Bromoform
Concen: 2.520 ug/l
RT: 12.294 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

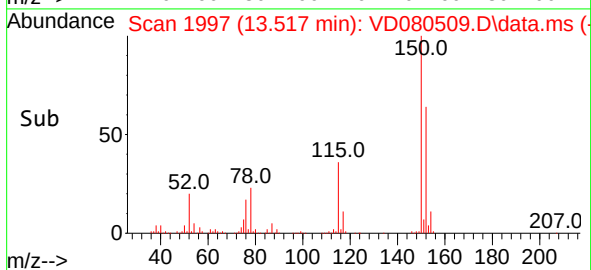
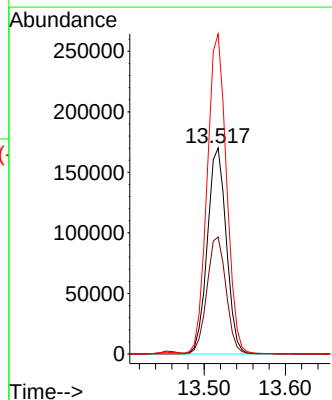
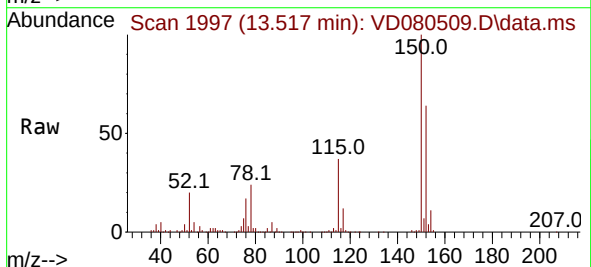
Instrument :
MSVOA_D
ClientSampleId :

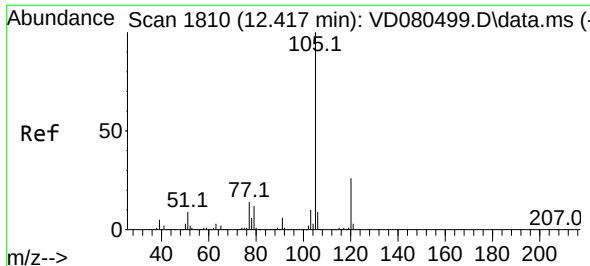
Tgt Ion:173 Resp: 5746
Ion Ratio Lower Upper
173 100
175 44.8 23.9 71.7
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Tgt Ion:152 Resp: 275794
Ion Ratio Lower Upper
152 100
115 57.4 29.0 87.0
150 158.6 0.0 345.0

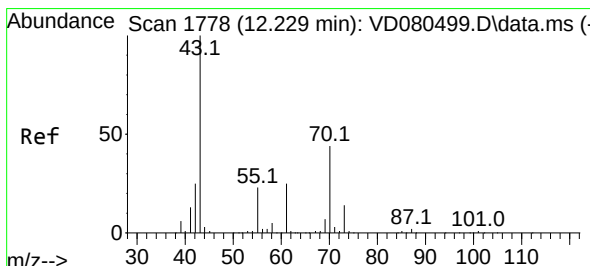
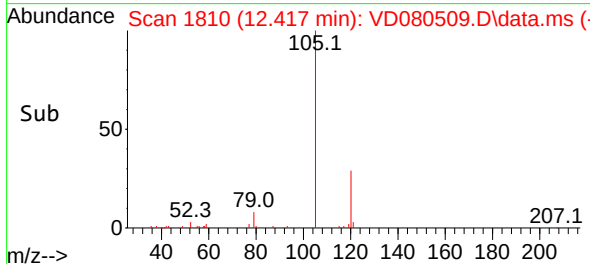
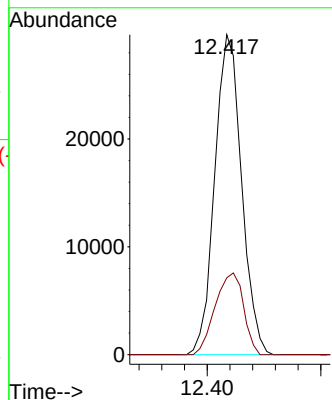
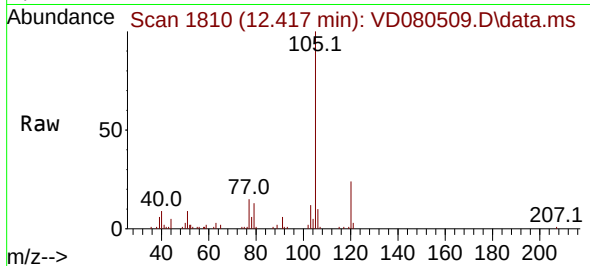




#73
Isopropylbenzene
Concen: 2.405 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

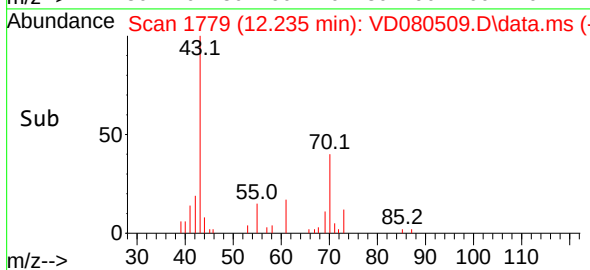
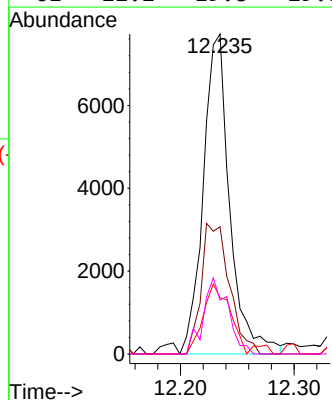
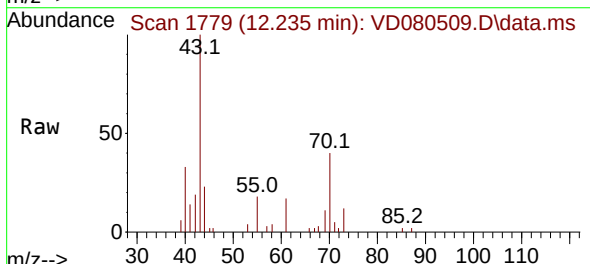
Instrument :
MSVOA_D
ClientSampleId :

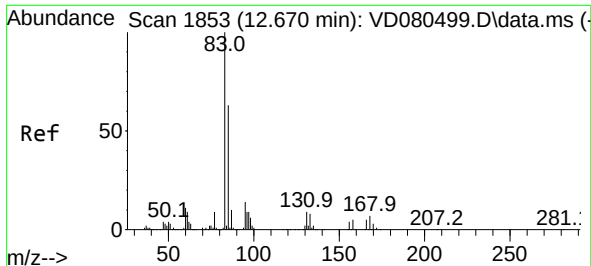
Tgt Ion:105 Resp: 48589
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4



#74
N-ethyl acetate
Concen: 2.334 ug/l
RT: 12.235 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Tgt Ion: 43 Resp: 12513
Ion Ratio Lower Upper
43 100
70 43.2 35.4 53.0
55 21.9 18.6 28.0
61 22.2 19.8 29.8

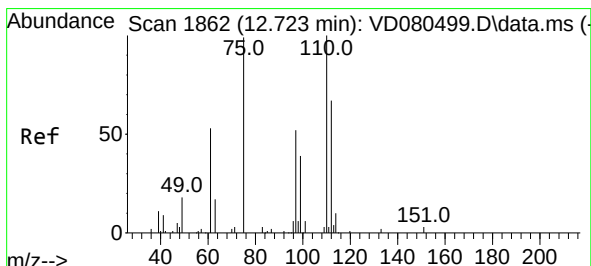
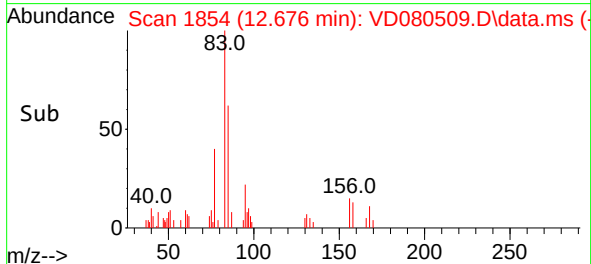
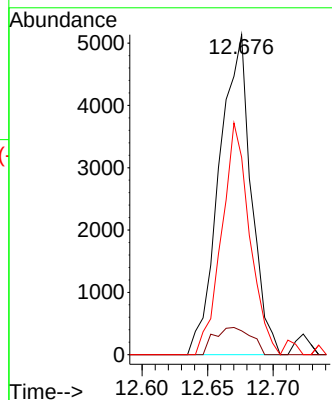
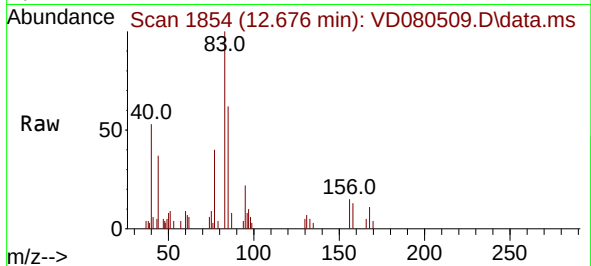




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.317 ug/l
 RT: 12.676 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: VD080509.D
 Acq: 04 Sep 2025 11:51

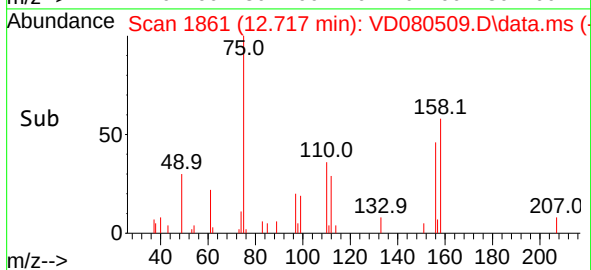
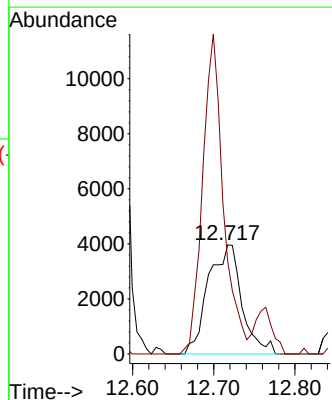
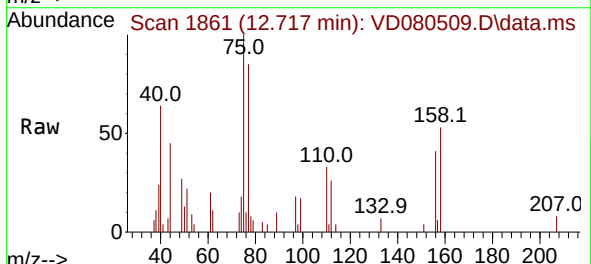
Instrument :
 MSVOA_D
 ClientSampleId :

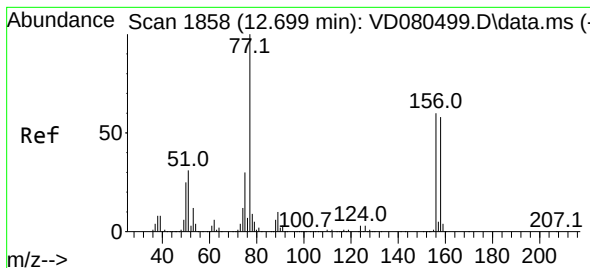
Tgt Ion: 83 Resp: 8703
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.0 15.0
 85 63.6 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 5.057 ug/l
 RT: 12.717 min Scan# 1861
 Delta R.T. -0.006 min
 Lab File: VD080509.D
 Acq: 04 Sep 2025 11:51

Tgt Ion: 75 Resp: 11382
 Ion Ratio Lower Upper
 75 100
 77 182.5 0.0 0.0#





#77

Bromobenzene

Concen: 2.326 ug/l

RT: 12.705 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VD080509.D

Acq: 04 Sep 2025 11:51

Instrument :

MSVOA_D

ClientSampleId :

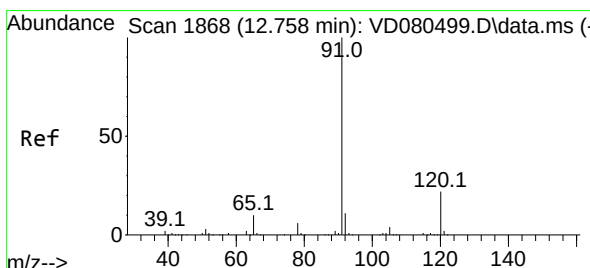
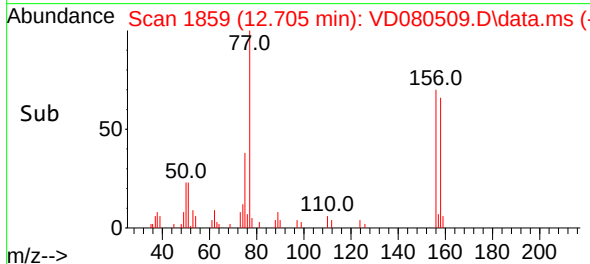
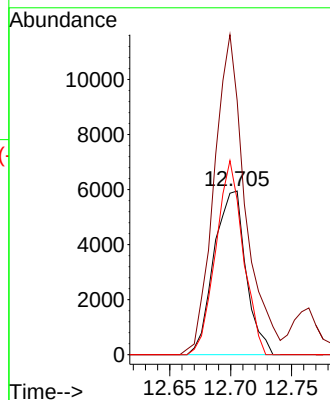
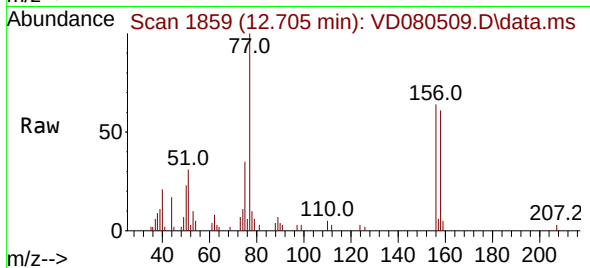
Tgt Ion:156 Resp: 10873

Ion Ratio Lower Upper

156 100

77 191.1 92.5 277.3

158 101.5 47.9 143.6



#78

n-propylbenzene

Concen: 2.483 ug/l

RT: 12.758 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD080509.D

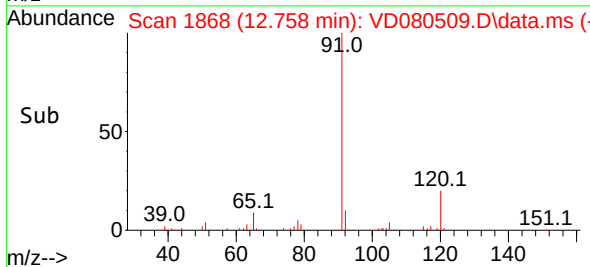
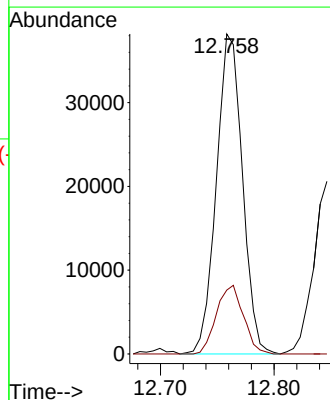
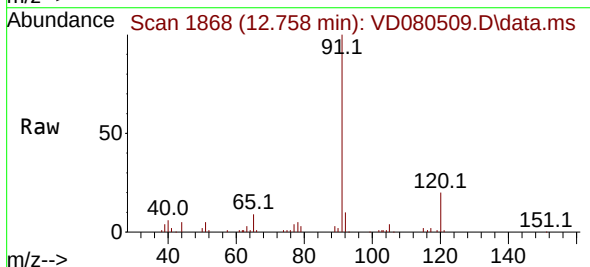
Acq: 04 Sep 2025 11:51

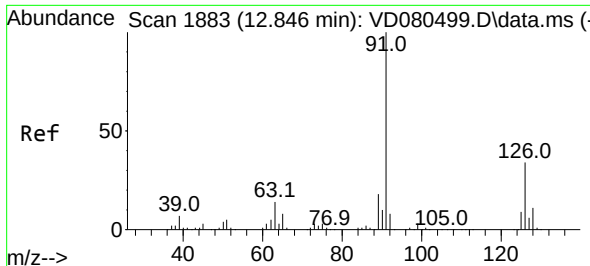
Tgt Ion: 91 Resp: 60919

Ion Ratio Lower Upper

91 100

120 22.2 11.3 33.9

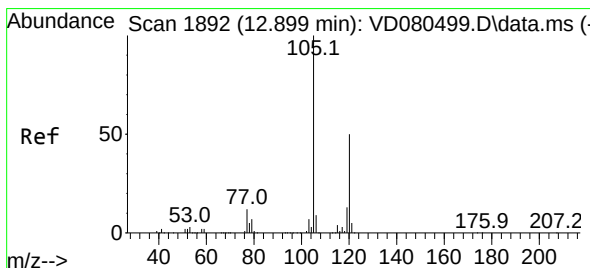
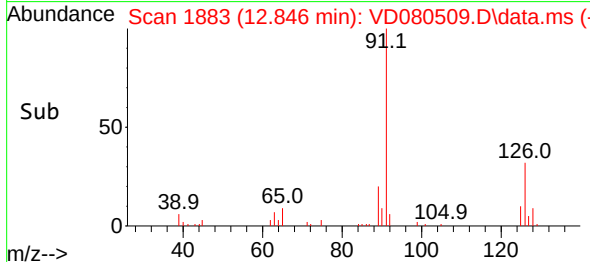
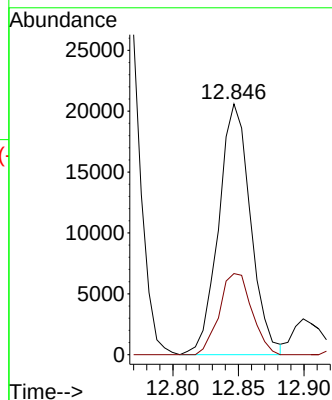
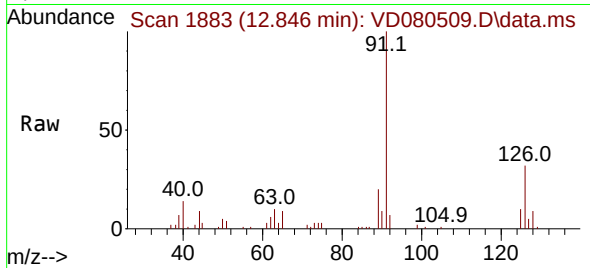




#79
2-Chlorotoluene
Concen: 2.504 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

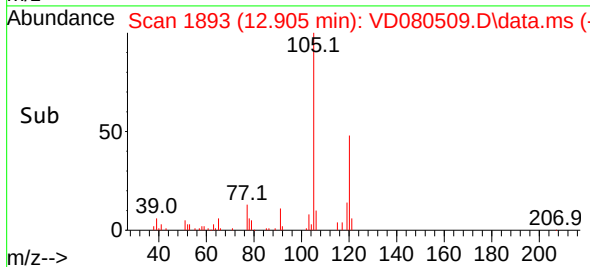
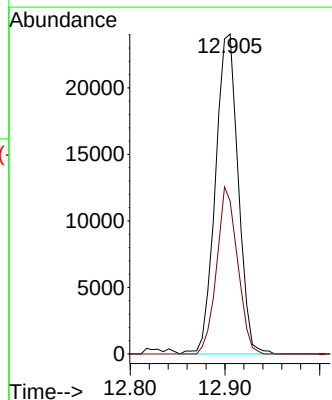
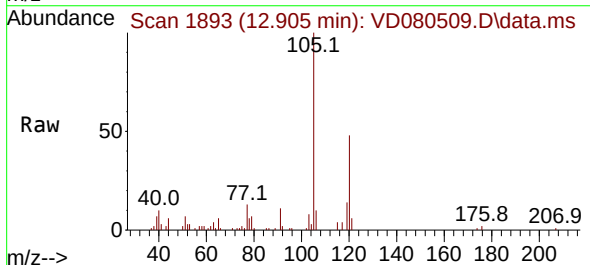
Instrument :
MSVOA_D
ClientSampleId :

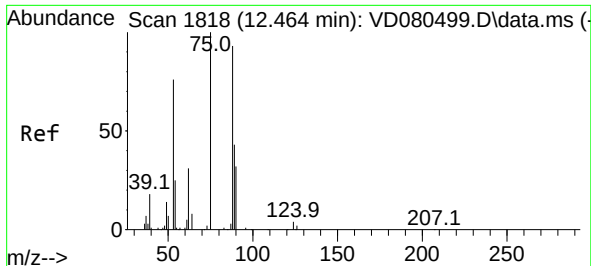
Tgt Ion: 91 Resp: 35013
Ion Ratio Lower Upper
91 100
126 32.8 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 2.449 ug/l
RT: 12.905 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Tgt Ion: 105 Resp: 40205
Ion Ratio Lower Upper
105 100
120 47.9 24.7 74.1

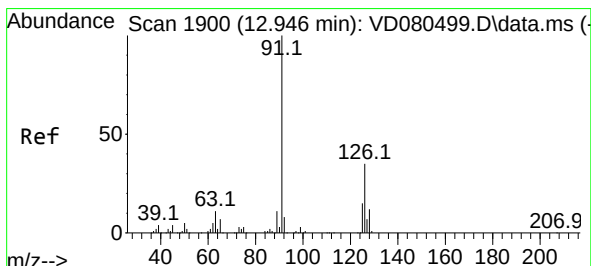
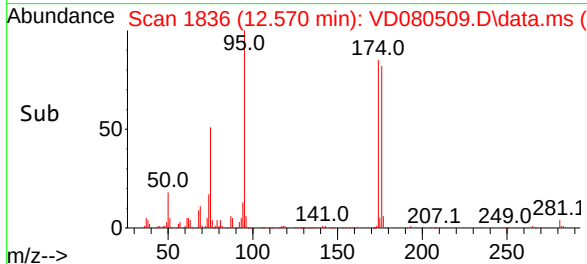
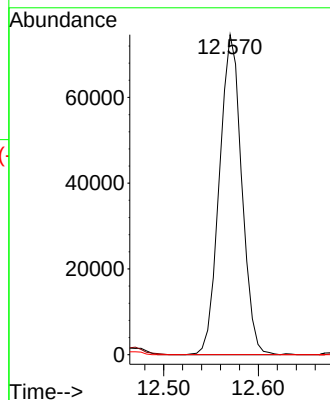
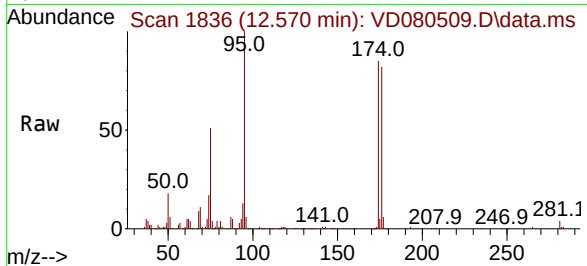




#81
trans-1,4-Dichloro-2-butene
Concen: 82.412 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.106 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

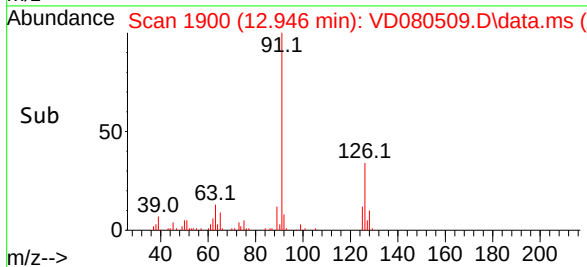
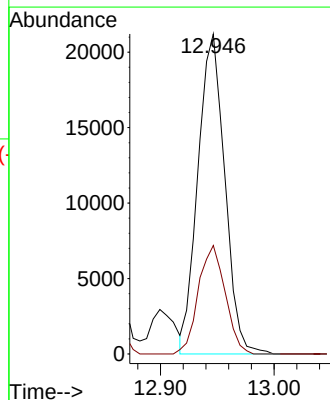
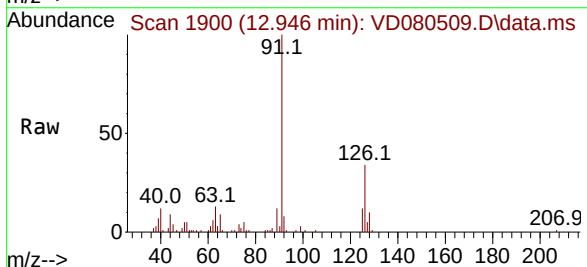
Instrument :
MSVOA_D
ClientSampleId :

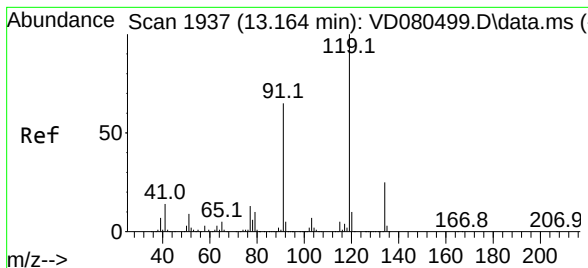
Tgt Ion: 75 Resp: 122219
Ion Ratio Lower Upper
75 100
53 0.0 61.9 92.9#
89 0.0 34.6 52.0#



#82
4-Chlorotoluene
Concen: 2.422 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Tgt Ion: 91 Resp: 34826
Ion Ratio Lower Upper
91 100
126 33.9 16.9 50.7





#83

tert-Butylbenzene

Concen: 2.523 ug/l

RT: 13.164 min Scan# 1937

Delta R.T. 0.000 min

Lab File: VD080509.D

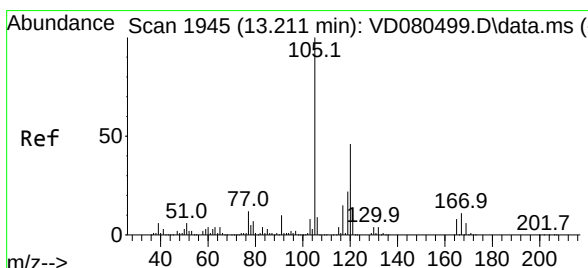
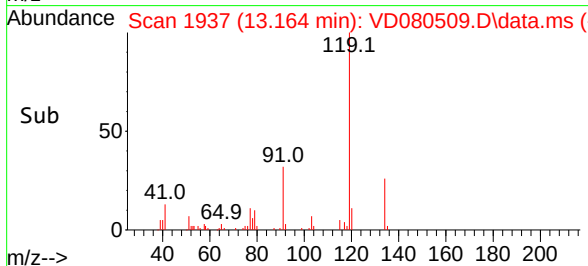
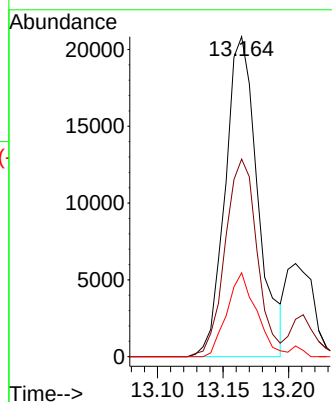
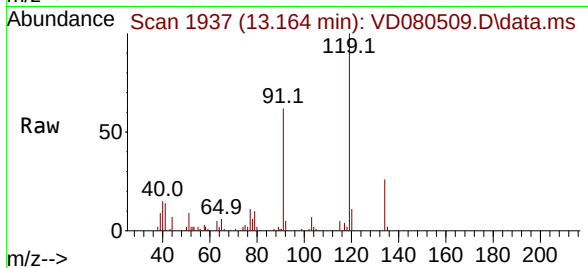
Acq: 04 Sep 2025 11:51

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:119	Resp:	35940
Ion Ratio	Lower	Upper
119	100	
91	60.7	32.0 96.0
134	23.8	13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 2.383 ug/l

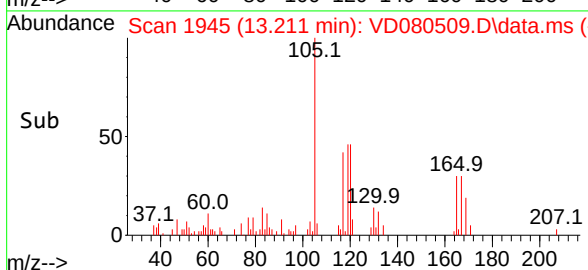
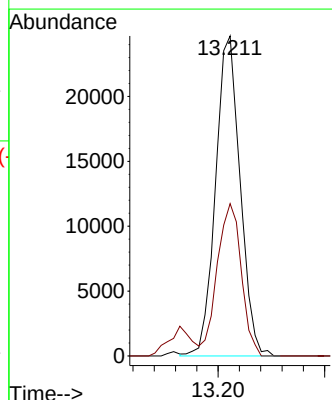
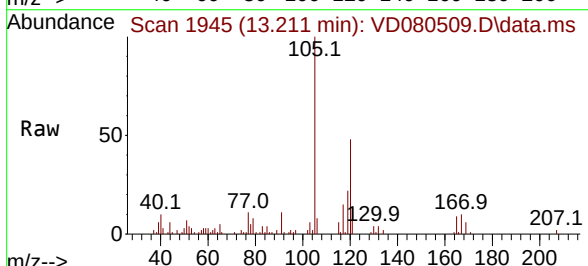
RT: 13.211 min Scan# 1945

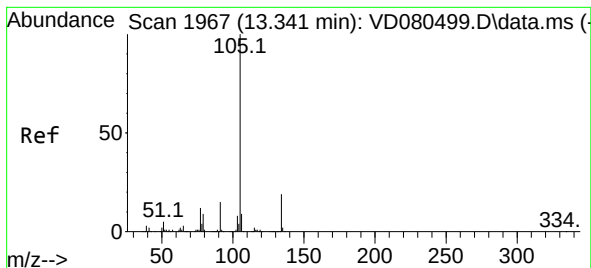
Delta R.T. 0.000 min

Lab File: VD080509.D

Acq: 04 Sep 2025 11:51

Tgt Ion:105	Resp:	39403
Ion Ratio	Lower	Upper
105	100	
120	46.8	22.5 67.5





#85

sec-Butylbenzene

Concen: 2.534 ug/l

RT: 13.341 min Scan# 1967

Delta R.T. 0.000 min

Lab File: VD080509.D

Acq: 04 Sep 2025 11:51

Instrument :

MSVOA_D

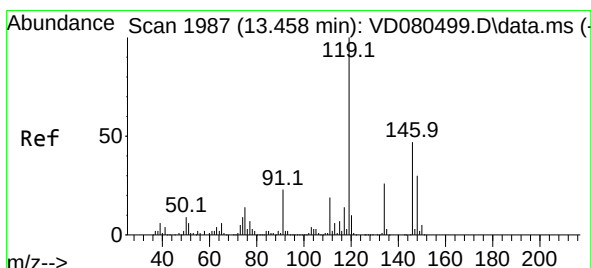
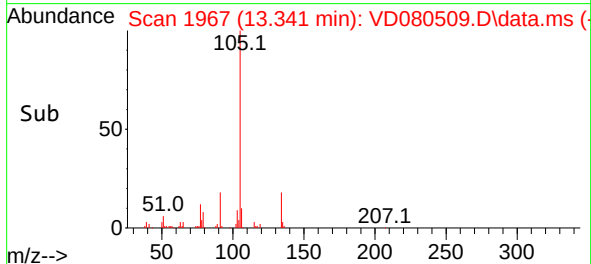
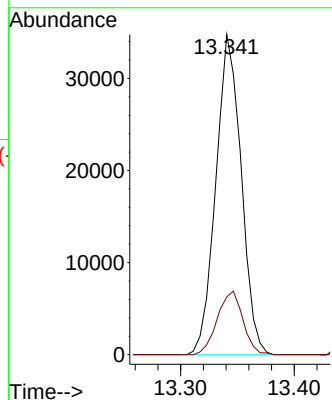
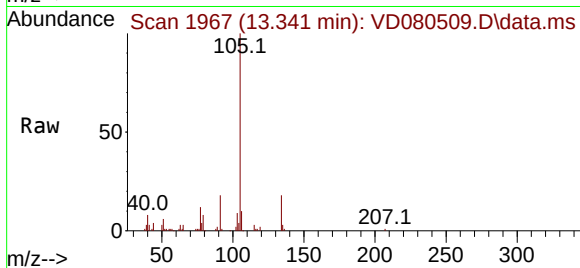
ClientSampleId :

Tgt Ion:105 Resp: 53885

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.4



#86

p-Isopropyltoluene

Concen: 2.495 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. 0.000 min

Lab File: VD080509.D

Acq: 04 Sep 2025 11:51

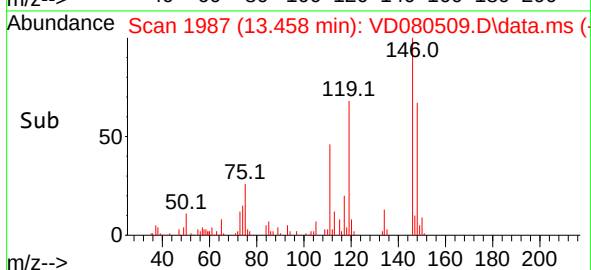
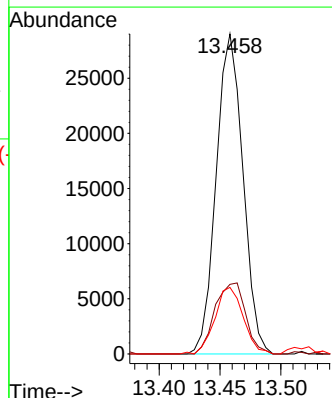
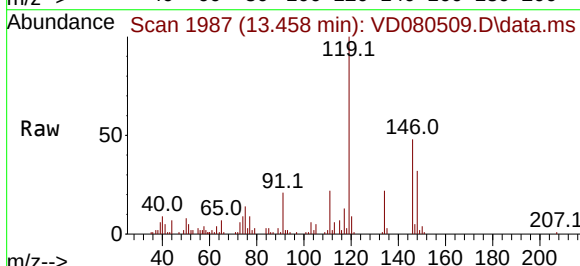
Tgt Ion:119 Resp: 44370

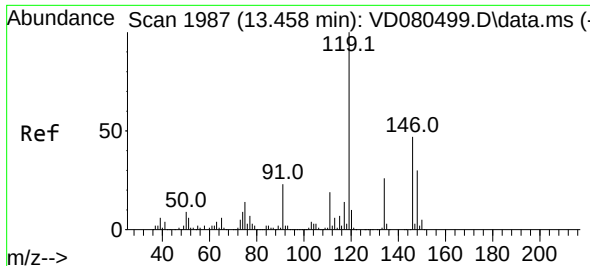
Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

91 22.1 11.2 33.5

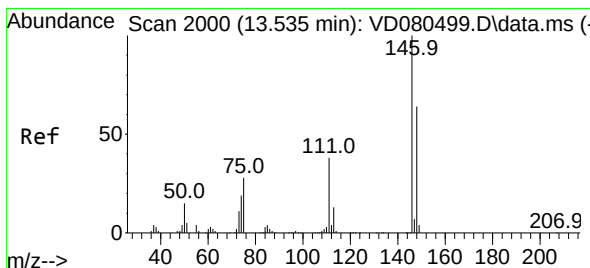
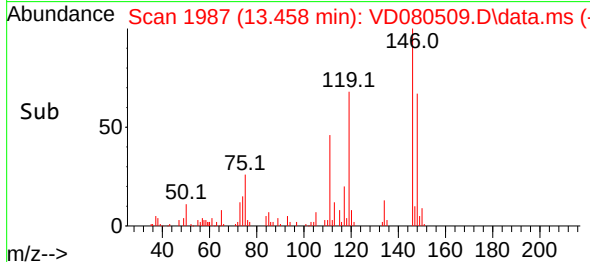
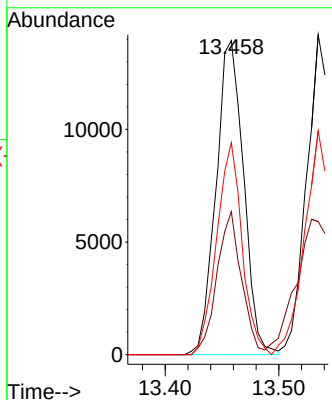
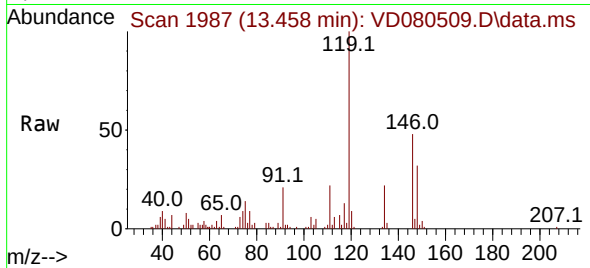




#87
1,3-Dichlorobenzene
Concen: 2.613 ug/l
RT: 13.458 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

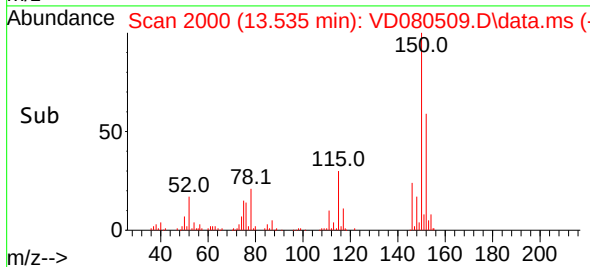
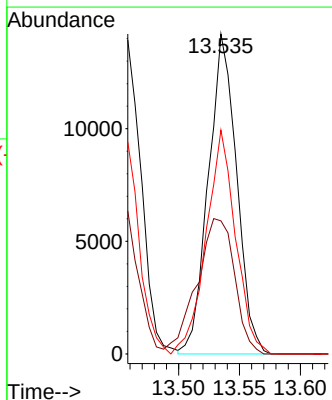
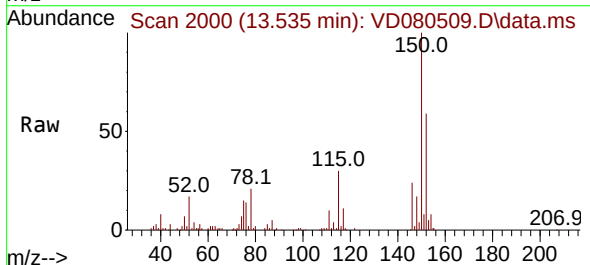
Instrument :
MSVOA_D
ClientSampleId :

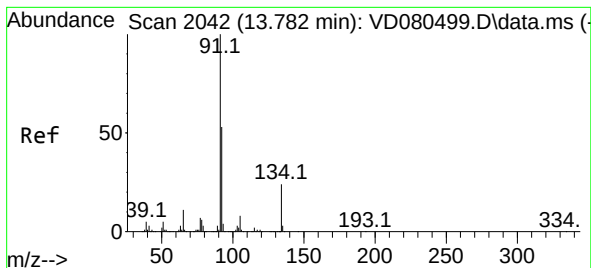
Tgt Ion:146 Resp: 23552
Ion Ratio Lower Upper
146 100
111 40.8 19.9 59.6
148 62.2 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 2.540 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080509.D
Acq: 04 Sep 2025 11:51

Tgt Ion:146 Resp: 22990
Ion Ratio Lower Upper
146 100
111 56.4 19.4 58.1
148 72.8 32.1 96.5





#89

n-Butylbenzene

Concen: 2.554 ug/l

RT: 13.782 min Scan# 2042

Delta R.T. 0.000 min

Lab File: VD080509.D

Acq: 04 Sep 2025 11:51

Instrument :

MSVOA_D

ClientSampleId :

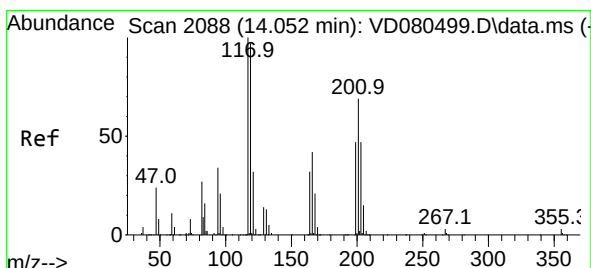
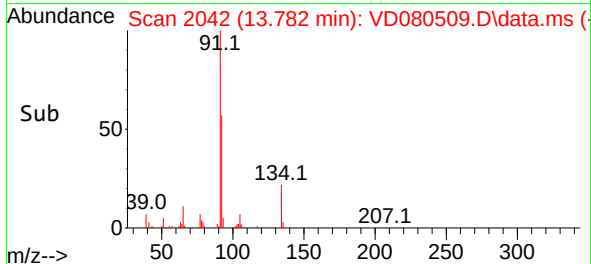
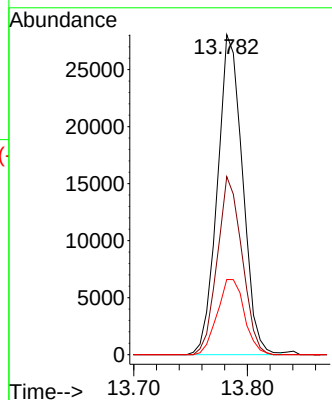
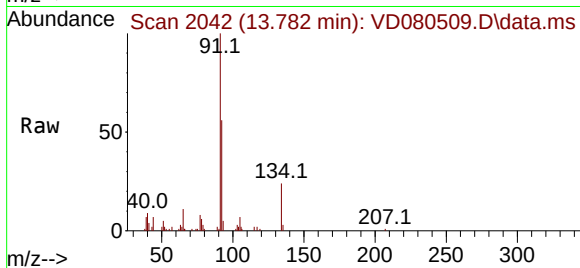
Tgt Ion: 91 Resp: 43267

Ion Ratio Lower Upper

91 100

92 54.6 26.6 79.8

134 25.3 12.4 37.2



#90

Hexachloroethane

Concen: 2.413 ug/l

RT: 14.052 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VD080509.D

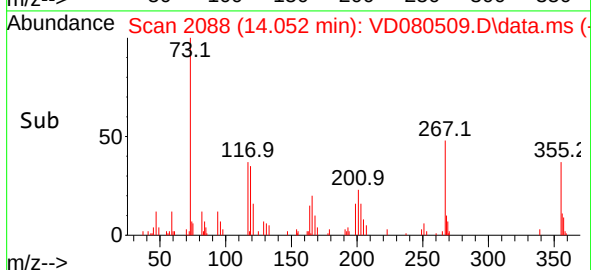
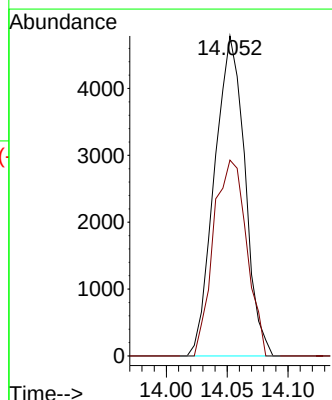
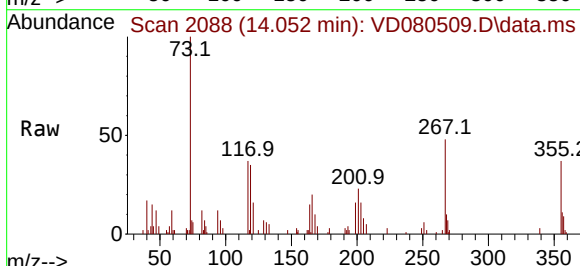
Acq: 04 Sep 2025 11:51

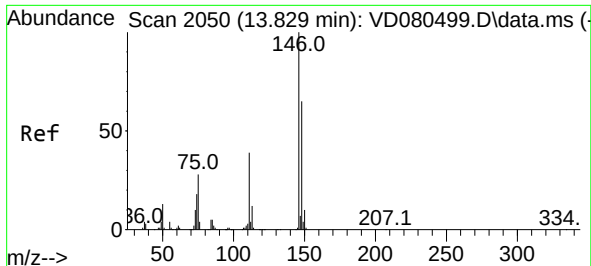
Tgt Ion: 117 Resp: 8300

Ion Ratio Lower Upper

117 100

201 66.9 34.6 103.8





#91

1,2-Dichlorobenzene

Concen: 2.506 ug/l

RT: 13.829 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VD080509.D

Acq: 04 Sep 2025 11:51

Instrument :

MSVOA_D

ClientSampleId :

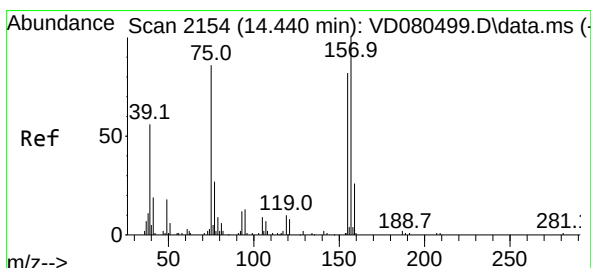
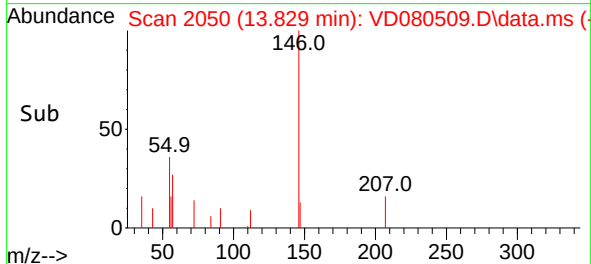
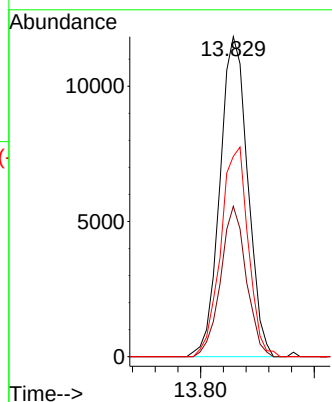
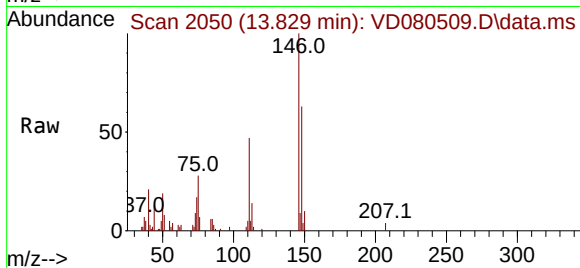
Tgt Ion:146 Resp: 20099

Ion Ratio Lower Upper

146 100

111 43.3 20.7 62.1

148 64.9 31.5 94.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.540 ug/l

RT: 14.441 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VD080509.D

Acq: 04 Sep 2025 11:51

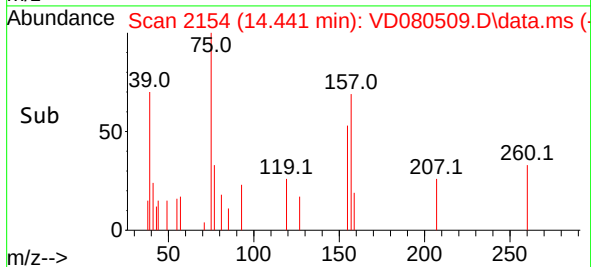
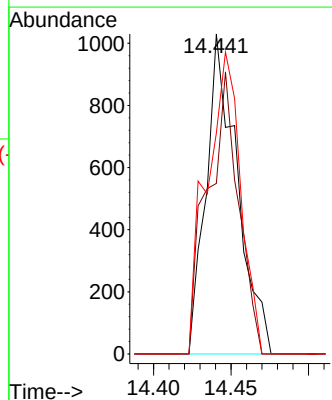
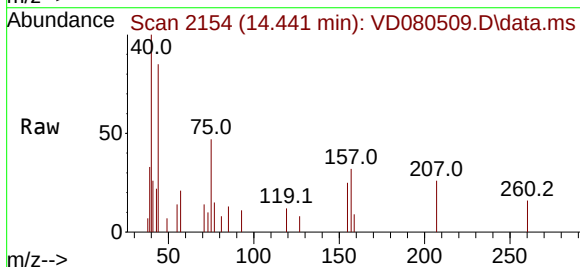
Tgt Ion: 75 Resp: 1432

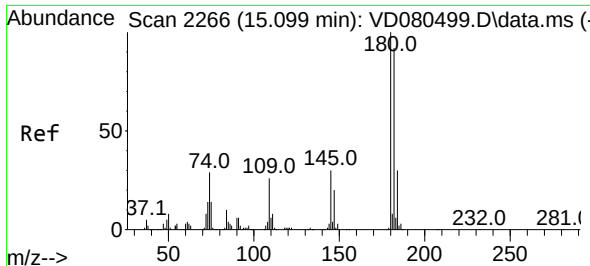
Ion Ratio Lower Upper

75 100

155 88.0 47.5 142.6

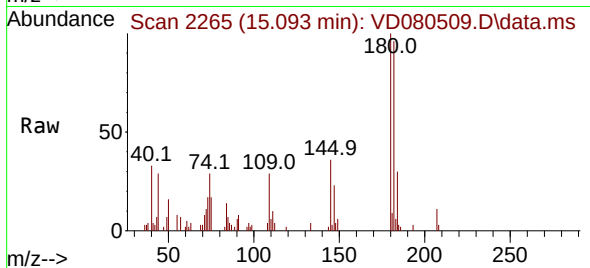
157 102.9 56.8 170.3



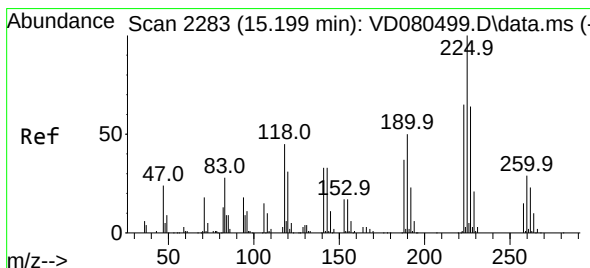
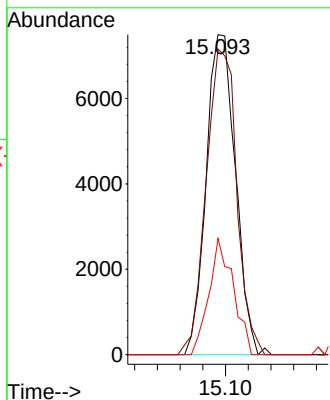
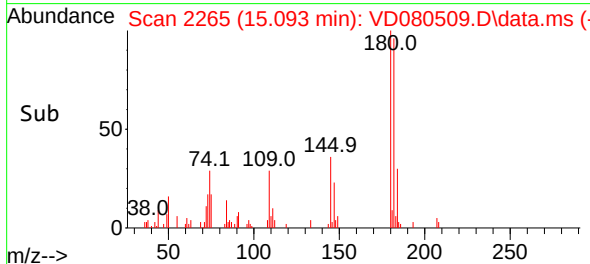


#93
 1,2,4-Trichlorobenzene
 Concen: 2.672 ug/l
 RT: 15.093 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: VD080509.D
 Acq: 04 Sep 2025 11:51

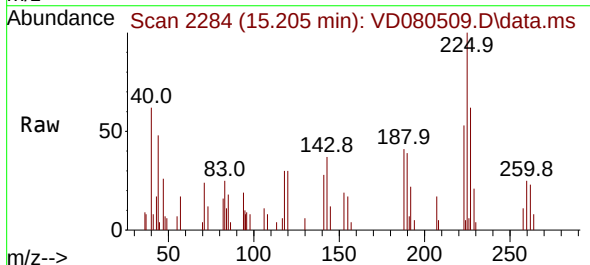
Instrument :
 MSVOA_D
 ClientSampleId :



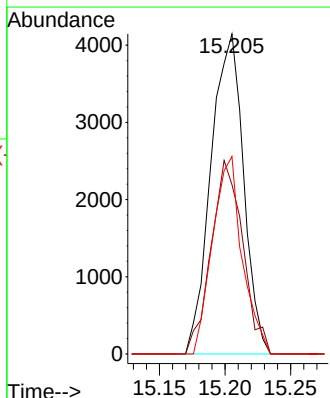
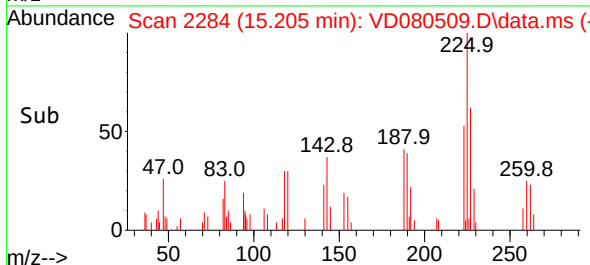
Tgt Ion:180 Resp: 13431
 Ion Ratio Lower Upper
 180 100
 182 99.5 47.5 142.5
 145 30.2 15.7 47.0

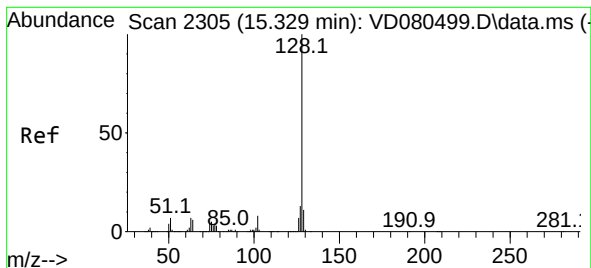


#94
 Hexachlorobutadiene
 Concen: 3.136 ug/l
 RT: 15.205 min Scan# 2284
 Delta R.T. 0.006 min
 Lab File: VD080509.D
 Acq: 04 Sep 2025 11:51



Tgt Ion:225 Resp: 7164
 Ion Ratio Lower Upper
 225 100
 223 58.8 31.9 95.7
 227 56.0 32.0 96.2





#95

Naphthalene

Concen: 2.585 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VD080509.D

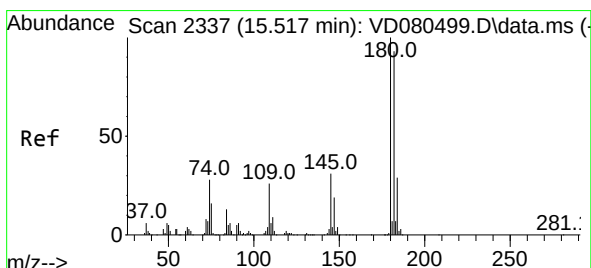
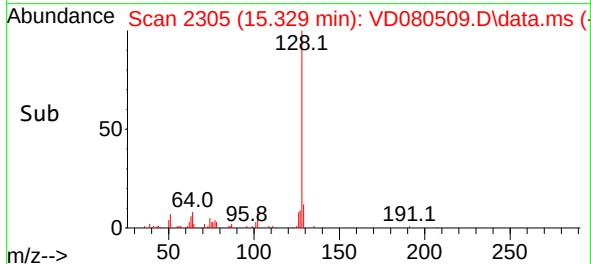
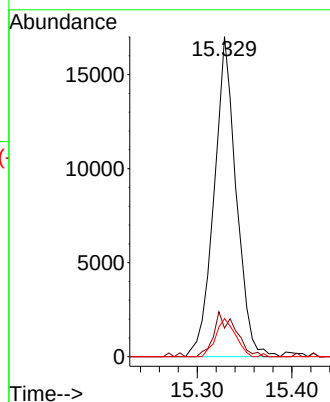
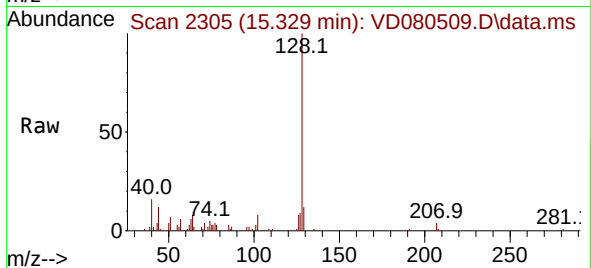
Acq: 04 Sep 2025 11:51

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:128	Resp:	27642
Ion Ratio	Lower	Upper
128	100	
127	8.9	10.6 16.0#
129	11.9	9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 2.694 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD080509.D

Acq: 04 Sep 2025 11:51

Tgt Ion:180	Resp:	11589
Ion Ratio	Lower	Upper
180	100	
182	102.3	47.5 142.5
145	34.4	16.2 48.5

