

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082725\
 Data File : VD080501.D
 Acq On : 27 Aug 2025 12:22
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 28 02:51:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 28 02:42:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	403910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	738679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	646418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	295430	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	638448	140.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 280.200%#	
35) Dibromofluoromethane	7.805	113	665340	152.336	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 304.680%#	
50) Toluene-d8	10.270	98	2654952	152.659	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 305.320%#	
62) 4-Bromofluorobenzene	12.570	95	826682	152.805	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 305.620%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.935	85	468543	136.249	ug/l	97
3) Chloromethane	2.147	50	750456	138.244	ug/l	100
4) Vinyl Chloride	2.288	62	832545	148.605	ug/l	98
5) Bromomethane	2.676	94	459568	145.965	ug/l	98
6) Chloroethane	2.835	64	531029	145.215	ug/l	98
7) Trichlorofluoromethane	3.170	101	990071	151.735	ug/l	95
8) Diethyl Ether	3.588	74	392607	151.841	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	632718	149.442	ug/l	99
10) Methyl Iodide	4.164	142	814695	166.679	ug/l	99
11) Tert butyl alcohol	5.052	59	242655	735.826	ug/l	99
12) 1,1-Dichloroethene	3.941	96	682636	154.765	ug/l	97
13) Acrolein	3.794	56	253761	724.025	ug/l	99
14) Allyl chloride	4.558	41	1179583	154.105	ug/l	99
15) Acrylonitrile	5.247	53	905414	786.302	ug/l	100
16) Acetone	4.017	43	813014	762.081	ug/l	95
17) Carbon Disulfide	4.270	76	2246821	150.640	ug/l	99
18) Methyl Acetate	4.558	43	444390	148.018	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	1800641	155.565	ug/l	100
20) Methylene Chloride	4.800	84	812181	138.587	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	777088	153.894	ug/l	97
22) Diisopropyl ether	6.217	45	2434755	154.545	ug/l	98
23) Vinyl Acetate	6.152	43	7115535	793.693	ug/l	99
24) 1,1-Dichloroethane	6.111	63	1394205	152.879	ug/l	98
25) 2-Butanone	7.082	43	1175429	778.117	ug/l	99
26) 2,2-Dichloropropane	7.076	77	1110318	153.770	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	944295	156.695	ug/l	100
28) Bromochloromethane	7.423	49	573811	154.396	ug/l	98
29) Tetrahydrofuran	7.446	42	739952	775.161	ug/l	100
30) Chloroform	7.594	83	1364343	156.462	ug/l	99
31) Cyclohexane	7.876	56	1241611	145.452	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	1132243	155.941	ug/l	100
36) 1,1-Dichloropropene	8.005	75	999993	154.484	ug/l	99
37) Ethyl Acetate	7.170	43	500539	160.803	ug/l	99
38) Carbon Tetrachloride	7.993	117	968991	157.282	ug/l	96
39) Methylcyclohexane	9.276	83	1336099	155.071	ug/l	96
40) Benzene	8.252	78	3189711	154.832	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082725\
 Data File : VD080501.D
 Acq On : 27 Aug 2025 12:22
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 28 02:51:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 28 02:42:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	298762	161.663	ug/l	96
42) 1,2-Dichloroethane	8.323	62	771061	154.522	ug/l	99
43) Isopropyl Acetate	8.358	43	993725	156.906	ug/l	100
44) Trichloroethene	9.029	130	778295	155.722	ug/l	99
45) 1,2-Dichloropropane	9.305	63	792860	155.186	ug/l	99
46) Dibromomethane	9.393	93	434633	158.788	ug/l	99
47) Bromodichloromethane	9.582	83	1065944	159.742	ug/l	99
48) Methyl methacrylate	9.376	41	486782	155.045	ug/l	97
49) 1,4-Dioxane	9.382	88	107341	3172.072	ug/l	96
51) 4-Methyl-2-Pentanone	10.158	43	2470799	782.271	ug/l	100
52) Toluene	10.335	92	2016179	156.931	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	1067188	156.926	ug/l	99
54) cis-1,3-Dichloropropene	10.017	75	1278784	157.241	ug/l	99
55) 1,1,2-Trichloroethane	10.729	97	572744	156.065	ug/l	96
56) Ethyl methacrylate	10.593	69	815696	159.529	ug/l	98
57) 1,3-Dichloropropane	10.876	76	1007435	156.414	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	1594125	805.647	ug/l	99
59) 2-Hexanone	10.917	43	1740687	775.642	ug/l	98
60) Dibromochloromethane	11.070	129	735072	158.934	ug/l	100
61) 1,2-Dibromoethane	11.176	107	554779	158.873	ug/l	99
64) Tetrachloroethene	10.805	164	631388	158.162	ug/l	99
65) Chlorobenzene	11.605	112	2168764	157.443	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.676	131	709039	161.376	ug/l	99
67) Ethyl Benzene	11.682	91	3759644	157.689	ug/l	100
68) m/p-Xylenes	11.793	106	2898172	315.697	ug/l	99
69) o-Xylene	12.117	106	1390404	158.713	ug/l	98
70) Styrene	12.134	104	2363636	158.597	ug/l	99
71) Bromoform	12.299	173	405856	162.532	ug/l #	99
73) Isopropylbenzene	12.417	105	3429059	158.421	ug/l	100
74) N-amyl acetate	12.229	43	928204	161.595	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	645165	160.319	ug/l	100
76) 1,2,3-Trichloropropane	12.723	75	838486	347.746	ug/l #	100
77) Bromobenzene	12.699	156	803293	160.398	ug/l	98
78) n-propylbenzene	12.758	91	4123091	156.871	ug/l	100
79) 2-Chlorotoluene	12.846	91	2373907	158.502	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	2784366	158.304	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	256735	161.609	ug/l	99
82) 4-Chlorotoluene	12.946	91	2426456	157.507	ug/l	99
83) tert-Butylbenzene	13.164	119	2453592	160.782	ug/l	100
84) 1,2,4-Trimethylbenzene	13.211	105	2863340	161.679	ug/l	99
85) sec-Butylbenzene	13.340	105	3620961	158.982	ug/l	99
86) p-Isopropyltoluene	13.458	119	3061175	160.674	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	1573366	162.940	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	1542627	159.097	ug/l	99
89) n-Butylbenzene	13.781	91	2925691	161.202	ug/l	99
90) Hexachloroethane	14.052	117	599253	162.613	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	1368366	159.244	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	97918	162.139	ug/l	97
93) 1,2,4-Trichlorobenzene	15.093	180	896121	166.451	ug/l	100
94) Hexachlorobutadiene	15.199	225	407981	166.729	ug/l	100
95) Naphthalene	15.328	128	1891624	165.172	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	781067	169.477	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082725\
Data File : VD080501.D
Acq On : 27 Aug 2025 12:22
Operator : RP/MD
Sample : VSTDICC150
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Quant Time: Aug 28 02:51:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 28 02:42:08 2025
Response via : Initial Calibration

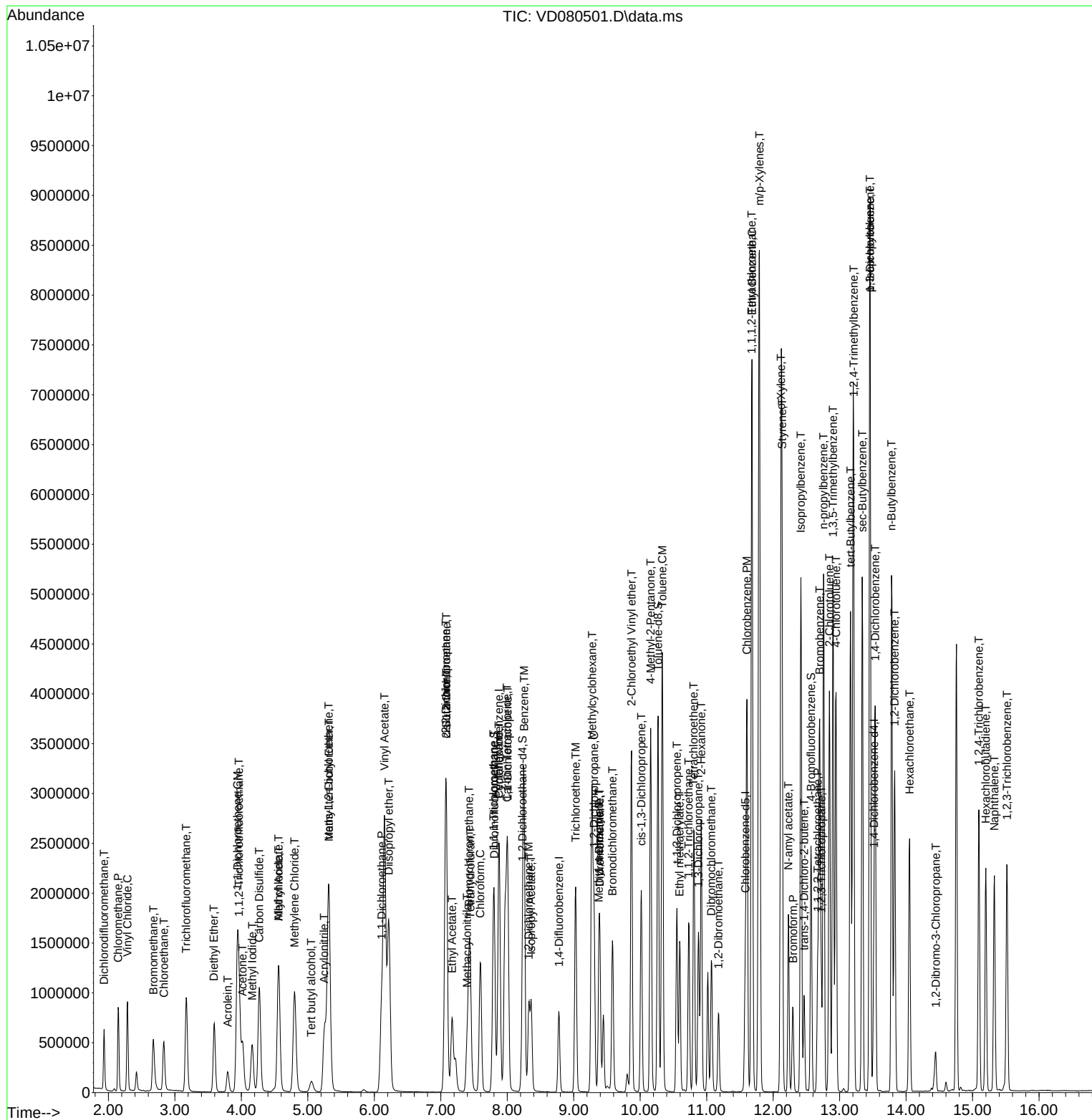
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

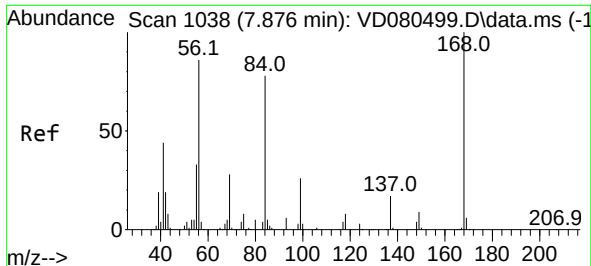
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082725\
 Data File : VD080501.D
 Acq On : 27 Aug 2025 12:22
 Operator : RP/MD
 Sample : VSTDIC150
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Quant Time: Aug 28 02:51:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 28 02:42:08 2025
 Response via : Initial Calibration

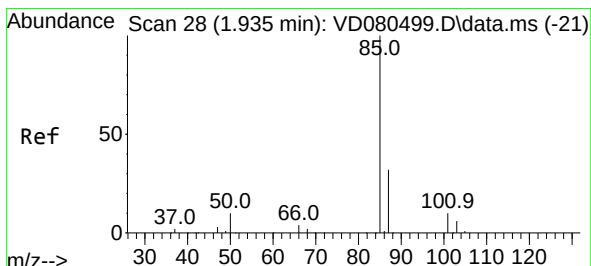
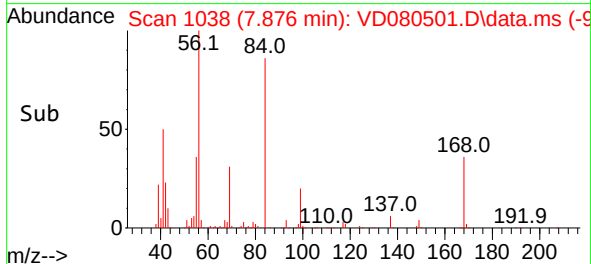
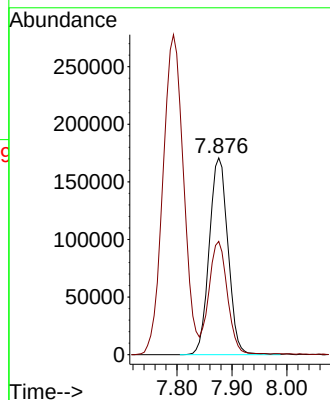
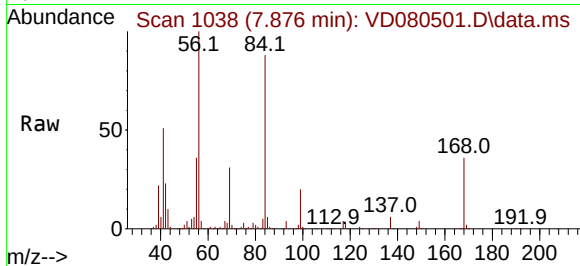




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

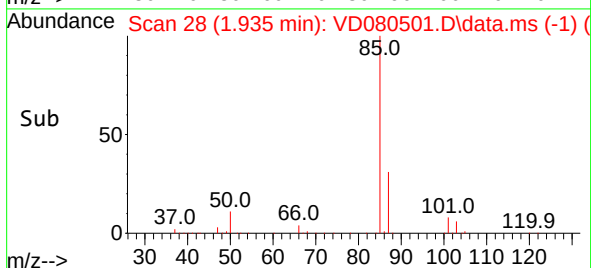
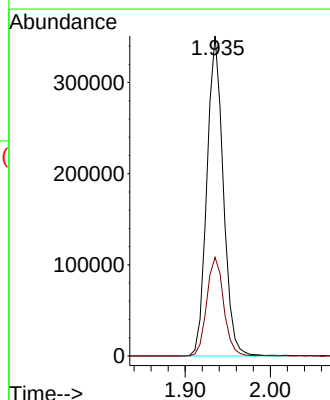
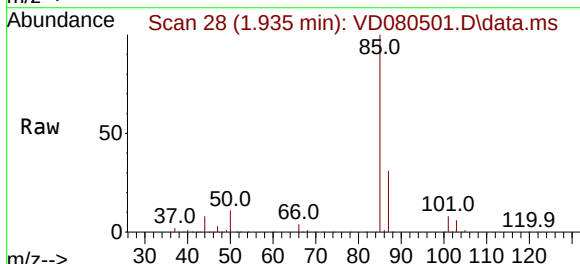
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

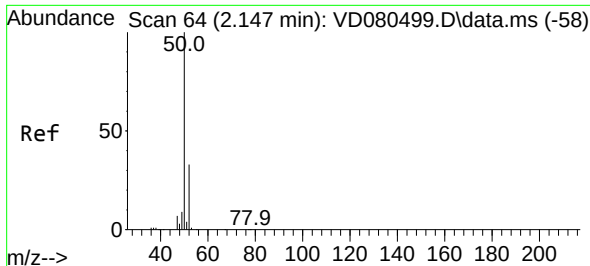
Tgt Ion:168 Resp: 403910
Ion Ratio Lower Upper
168 100
99 57.1 44.1 66.1



#2
Dichlorodifluoromethane
Concen: 136.249 ug/l
RT: 1.935 min Scan# 28
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 85 Resp: 468543
Ion Ratio Lower Upper
85 100
87 30.8 16.2 48.5

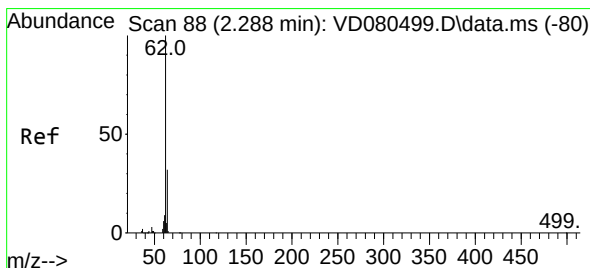
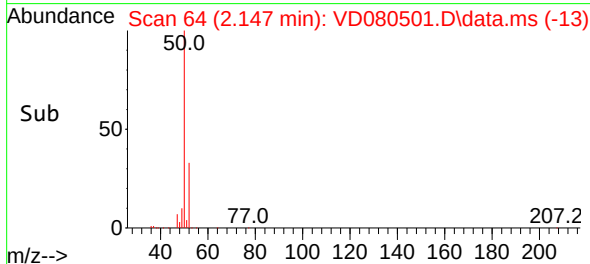
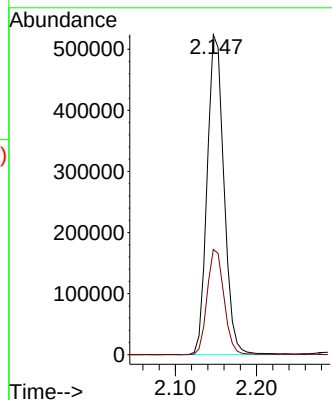
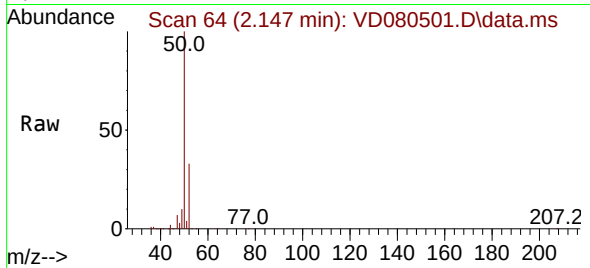




#3
Chloromethane
Concen: 138.244 ug/l
RT: 2.147 min Scan# 64
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

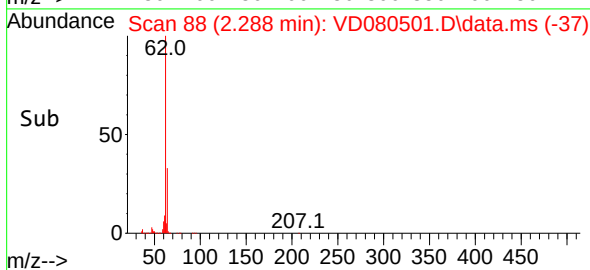
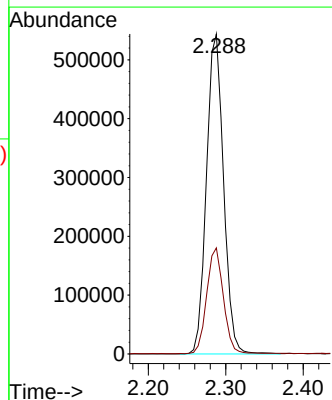
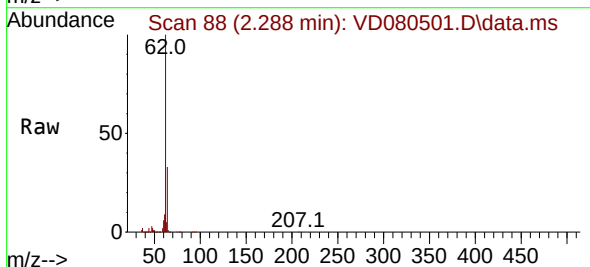
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

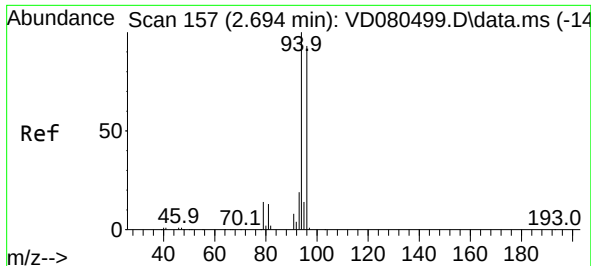
Tgt Ion: 50 Resp: 750456
Ion Ratio Lower Upper
50 100
52 32.9 26.2 39.4



#4
Vinyl Chloride
Concen: 148.605 ug/l
RT: 2.288 min Scan# 88
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 62 Resp: 832545
Ion Ratio Lower Upper
62 100
64 33.0 25.6 38.4

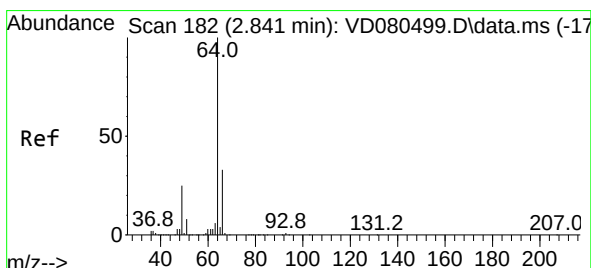
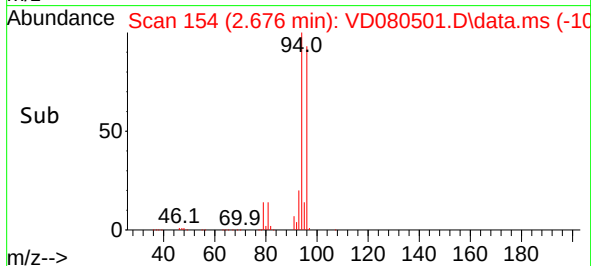
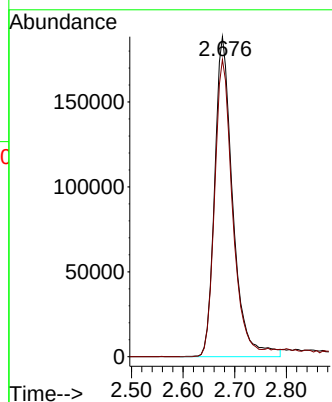
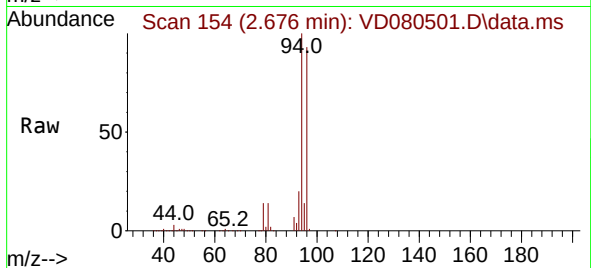




#5
Bromomethane
Concen: 145.965 ug/l
RT: 2.676 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

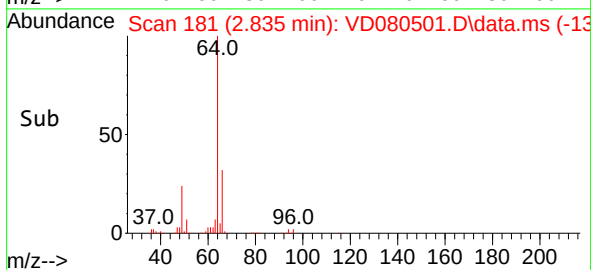
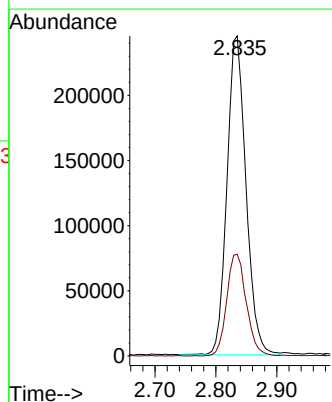
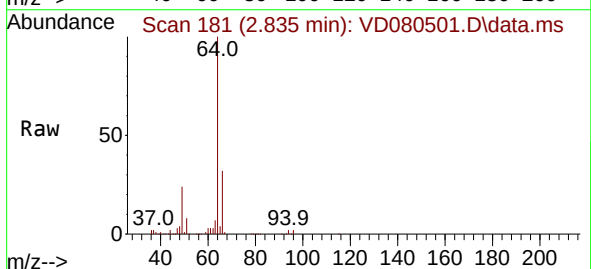
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

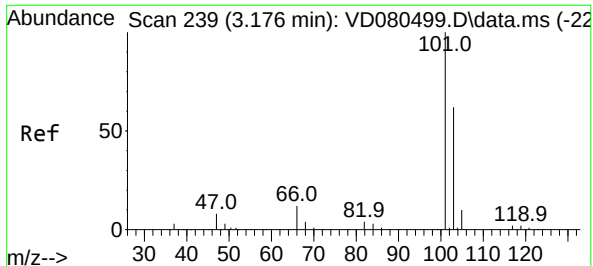
Tgt Ion: 94 Resp: 459568
Ion Ratio Lower Upper
94 100
96 91.6 74.6 111.8



#6
Chloroethane
Concen: 145.215 ug/l
RT: 2.835 min Scan# 181
Delta R.T. -0.006 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 64 Resp: 531029
Ion Ratio Lower Upper
64 100
66 31.9 26.5 39.7

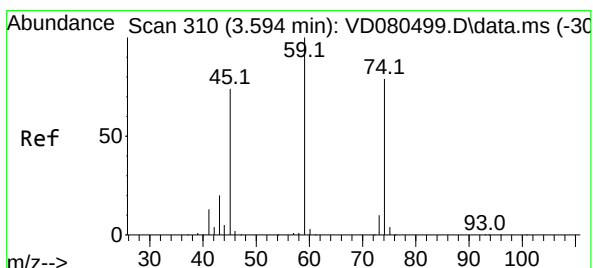
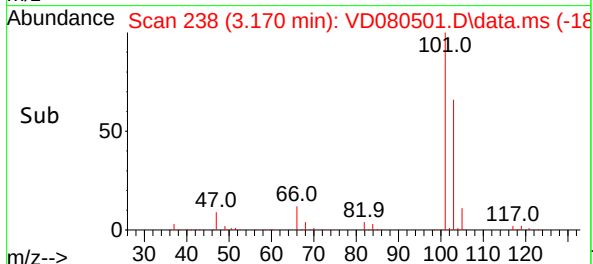
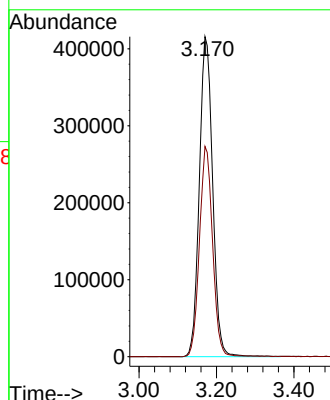
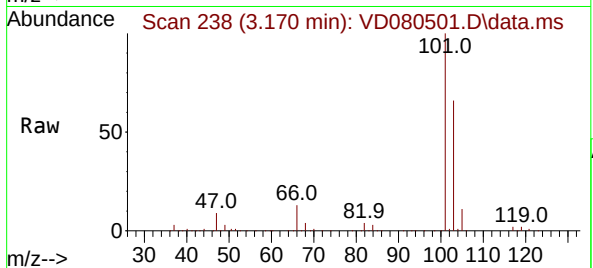




#7
 Trichlorofluoromethane
 Concen: 151.735 ug/l
 RT: 3.170 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD080501.D
 Acq: 27 Aug 2025 12:22

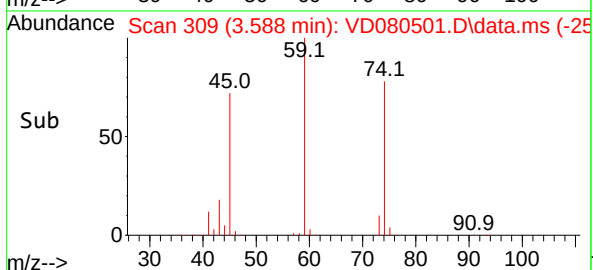
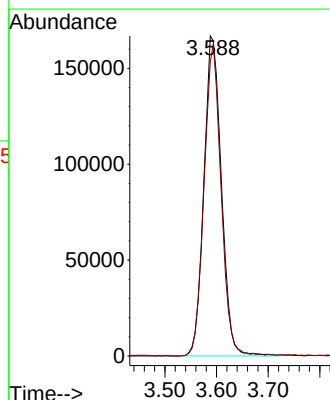
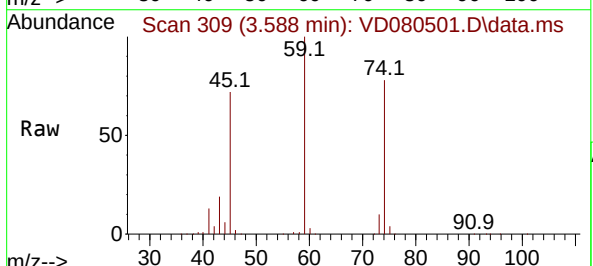
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

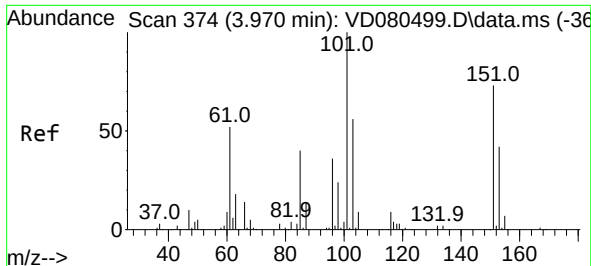
Tgt Ion:101 Resp: 990071
 Ion Ratio Lower Upper
 101 100
 103 65.7 49.6 74.4



#8
 Diethyl Ether
 Concen: 151.841 ug/l
 RT: 3.588 min Scan# 309
 Delta R.T. -0.006 min
 Lab File: VD080501.D
 Acq: 27 Aug 2025 12:22

Tgt Ion: 74 Resp: 392607
 Ion Ratio Lower Upper
 74 100
 45 94.8 48.2 144.6

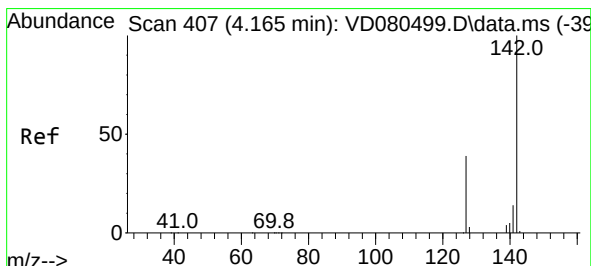
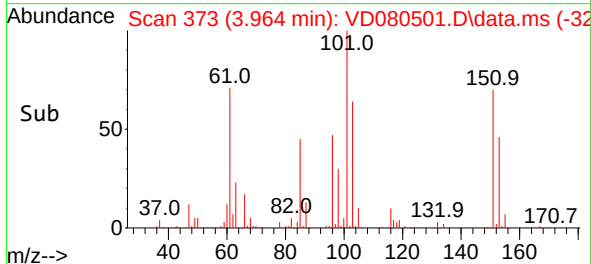
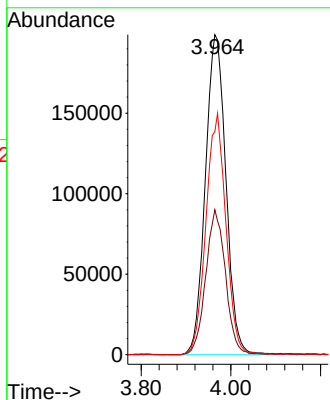
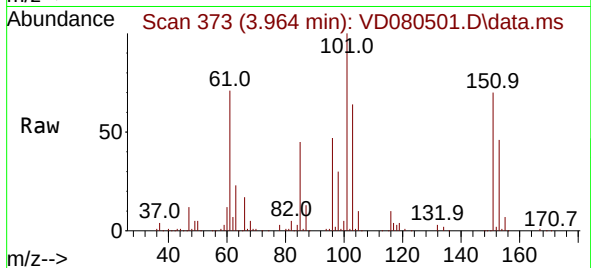




#9
1,1,2-Trichlorotrifluoroethane
Concen: 149.442 ug/l
RT: 3.964 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

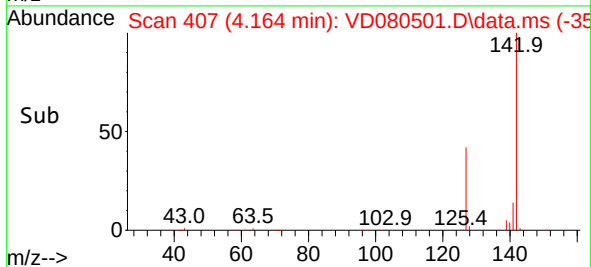
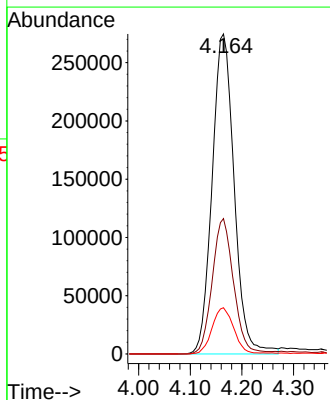
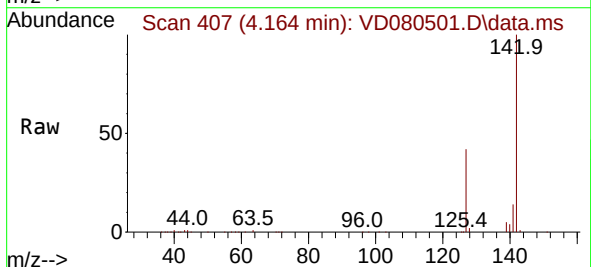
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

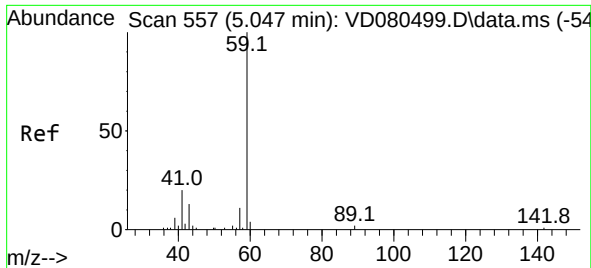
Tgt Ion:101 Resp: 632718
Ion Ratio Lower Upper
101 100
85 43.5 33.8 50.6
151 73.2 58.0 87.0



#10
Methyl Iodide
Concen: 166.679 ug/l
RT: 4.164 min Scan# 407
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion:142 Resp: 814695
Ion Ratio Lower Upper
142 100
127 41.1 33.1 49.7
141 14.3 11.7 17.5

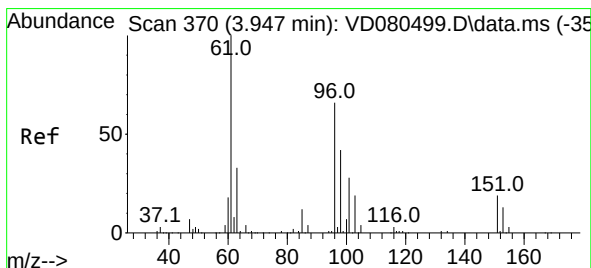
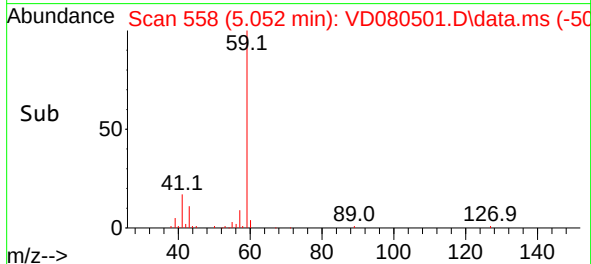
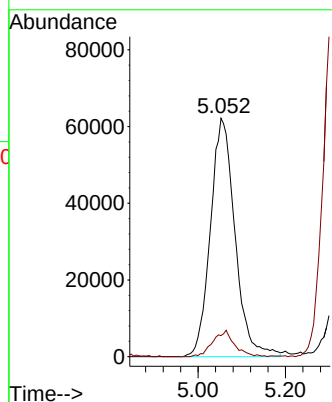
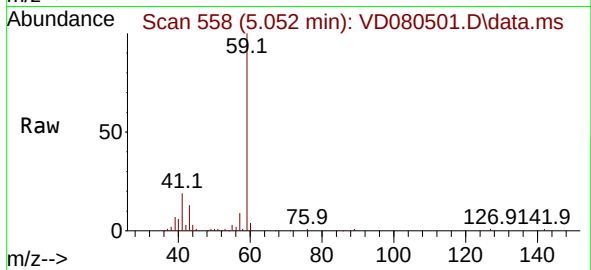




#11
Tert butyl alcohol
Concen: 735.826 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

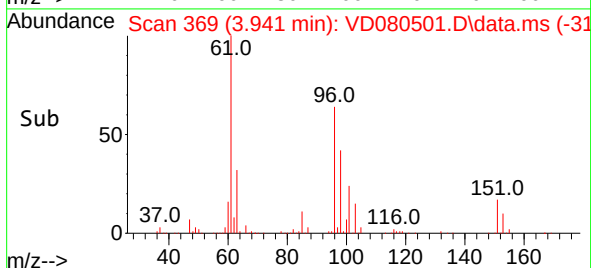
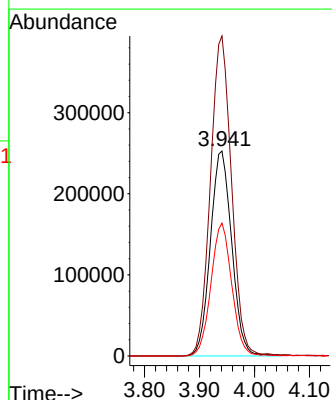
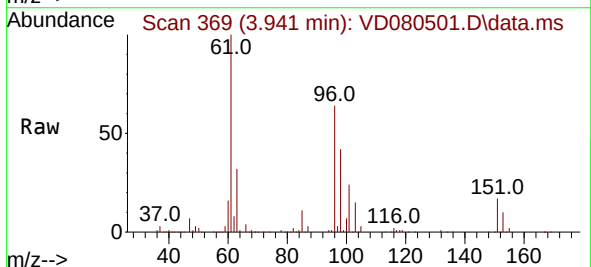
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

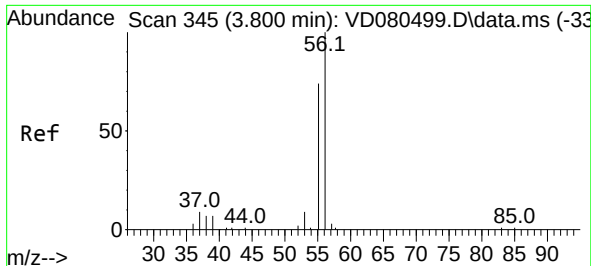
Tgt Ion: 59 Resp: 242655
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1



#12
1,1-Dichloroethene
Concen: 154.765 ug/l
RT: 3.941 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 96 Resp: 682636
Ion Ratio Lower Upper
96 100
61 156.1 120.9 181.3
98 64.8 50.7 76.1

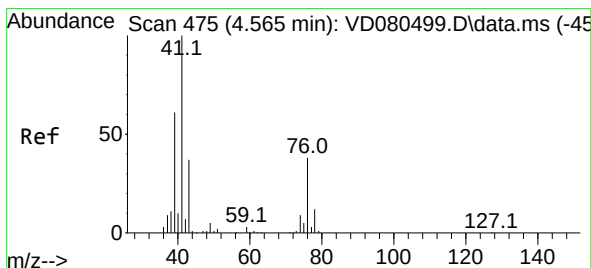
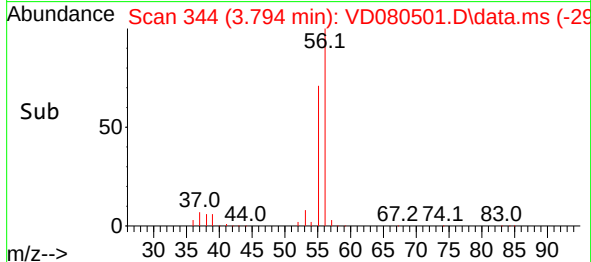
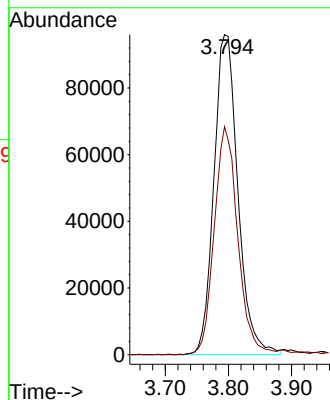
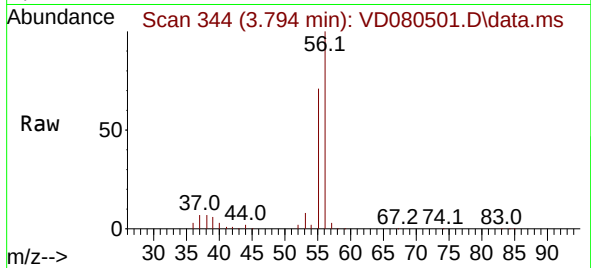




#13
Acrolein
Concen: 724.025 ug/l
RT: 3.794 min Scan# 345
Delta R.T. -0.006 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

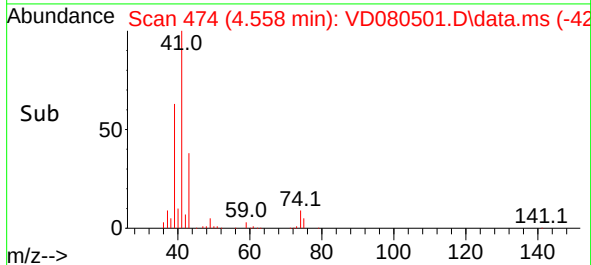
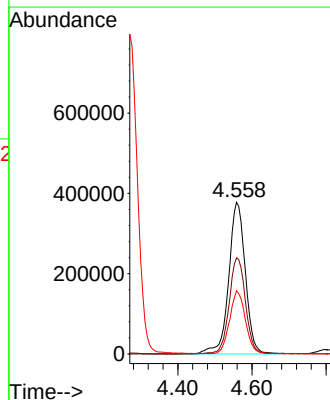
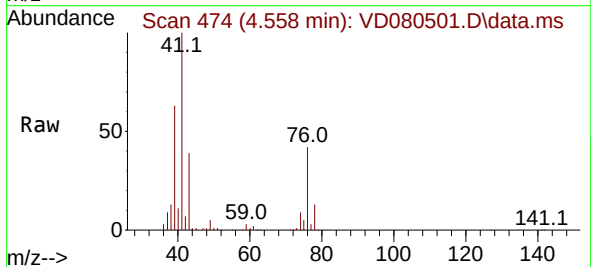
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

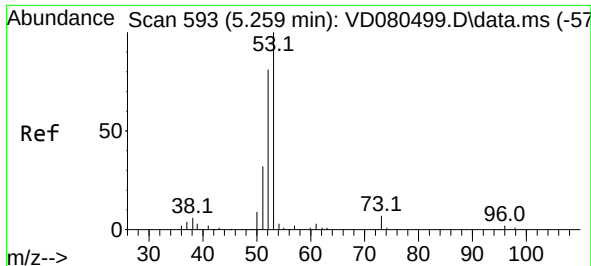
Tgt Ion: 56 Resp: 253761
Ion Ratio Lower Upper
56 100
55 69.7 56.6 85.0



#14
Allyl chloride
Concen: 154.105 ug/l
RT: 4.558 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 41 Resp: 1179583
Ion Ratio Lower Upper
41 100
39 62.5 50.1 75.1
76 39.1 30.7 46.1

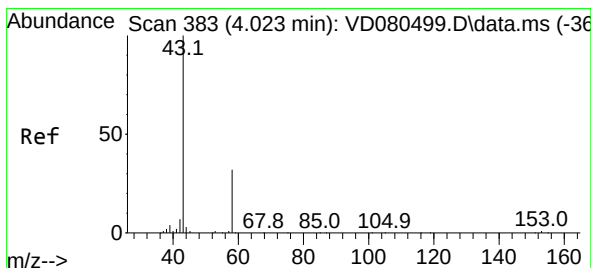
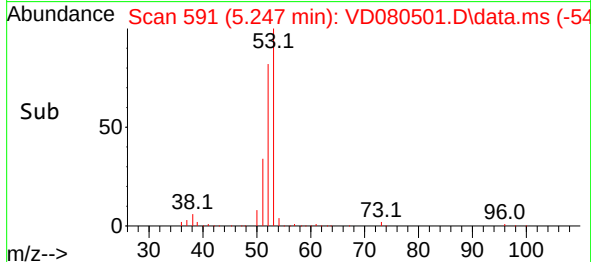
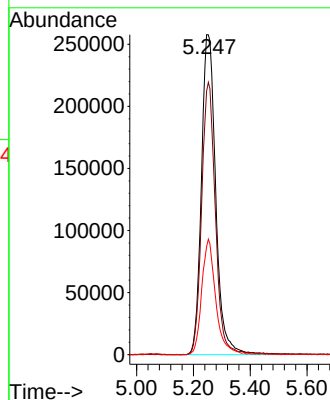
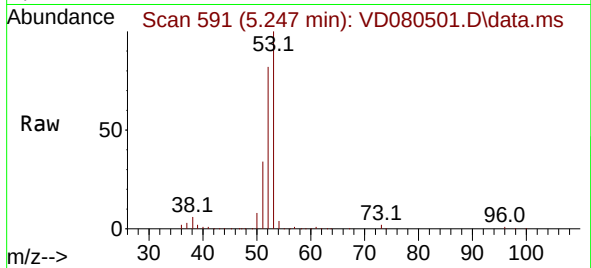




#15
Acrylonitrile
Concen: 786.302 ug/l
RT: 5.247 min Scan# 593
Delta R.T. -0.012 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

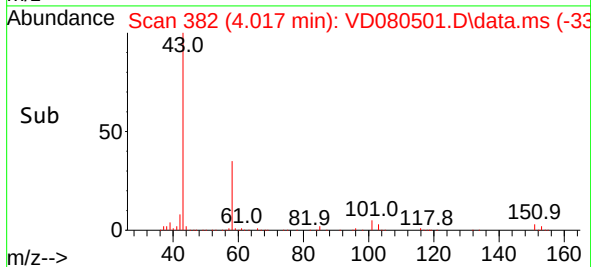
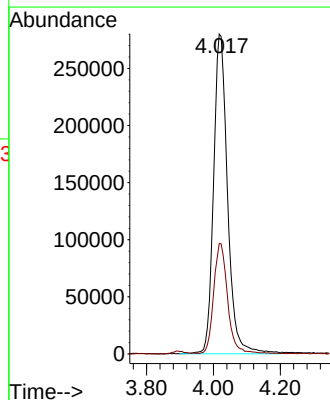
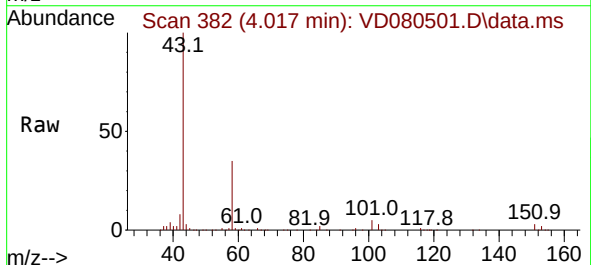
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

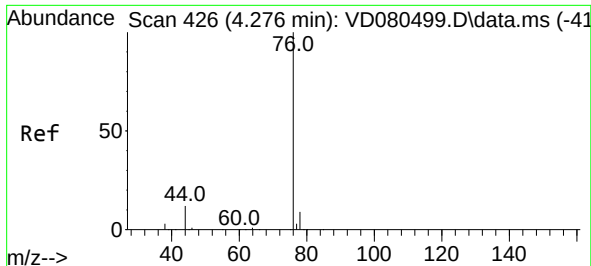
Tgt Ion: 53 Resp: 905414
Ion Ratio Lower Upper
53 100
52 81.4 64.6 97.0
51 35.1 28.0 42.0



#16
Acetone
Concen: 762.081 ug/l
RT: 4.017 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 43 Resp: 813014
Ion Ratio Lower Upper
43 100
58 34.4 25.4 38.0

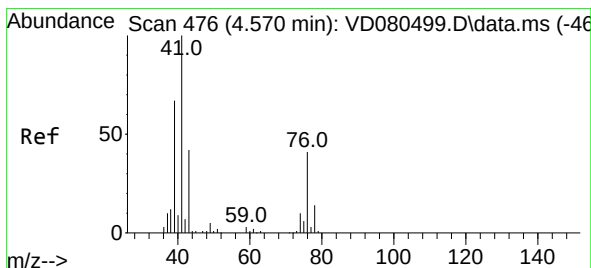
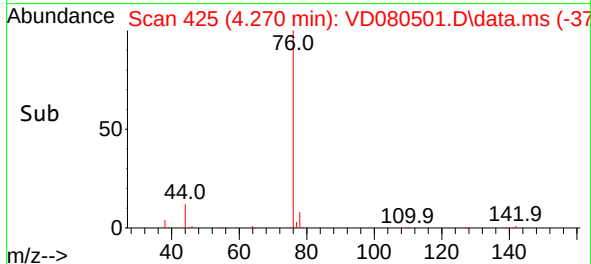
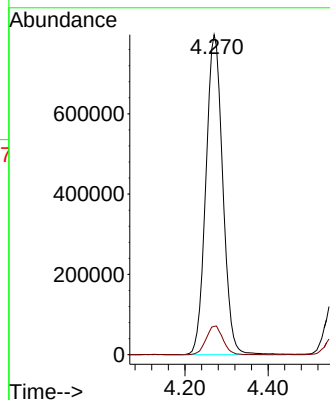
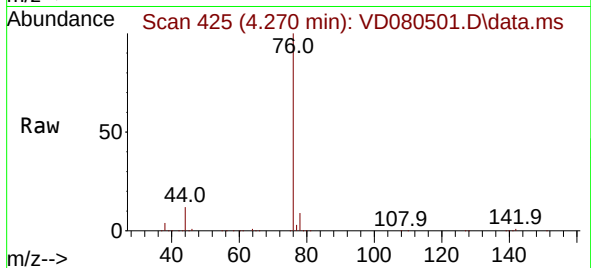




#17
Carbon Disulfide
Concen: 150.640 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

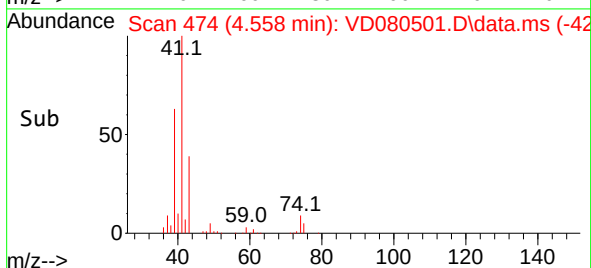
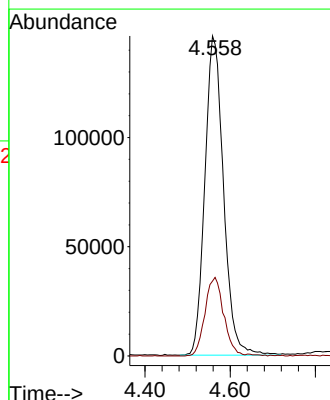
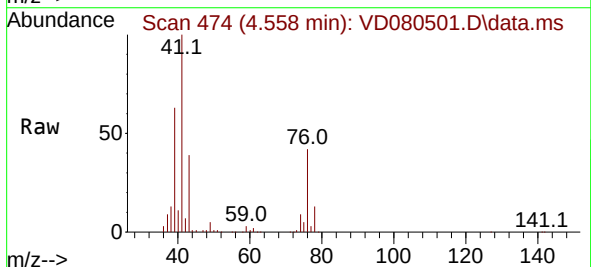
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

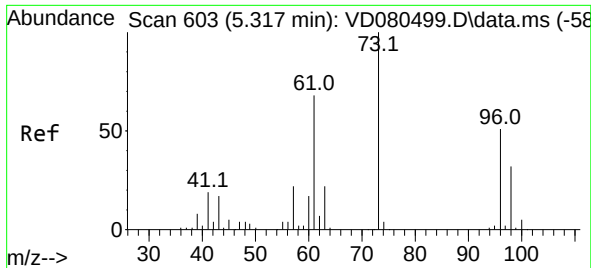
Tgt Ion: 76 Resp: 2246821
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 148.018 ug/l
RT: 4.558 min Scan# 474
Delta R.T. -0.012 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 43 Resp: 444390
Ion Ratio Lower Upper
43 100
74 24.7 20.2 30.2

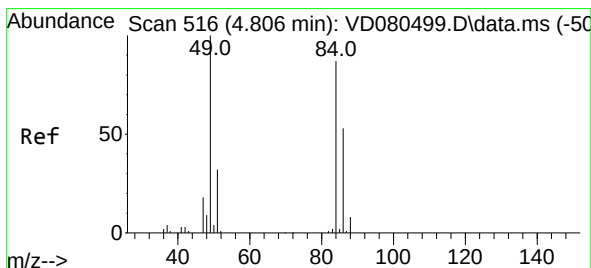
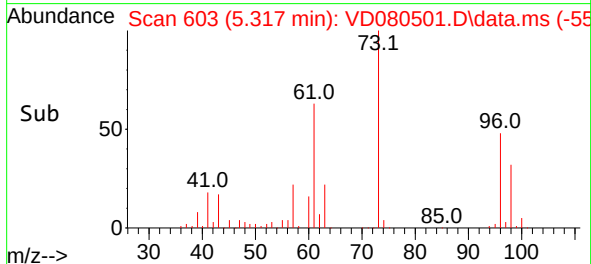
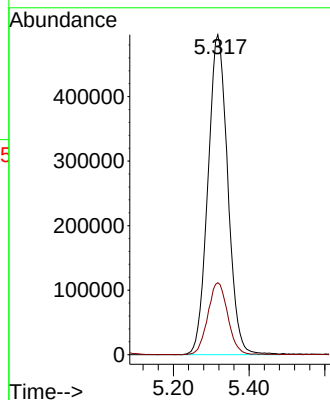
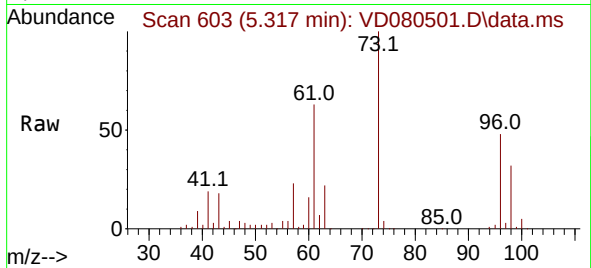




#19
Methyl tert-butyl Ether
Concen: 155.565 ug/l
RT: 5.317 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

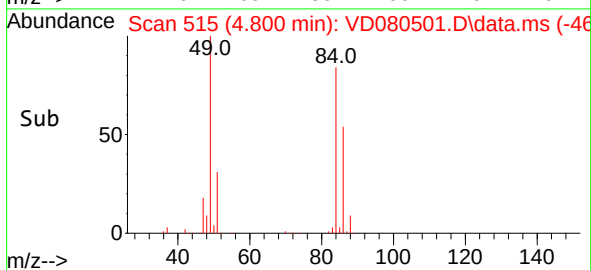
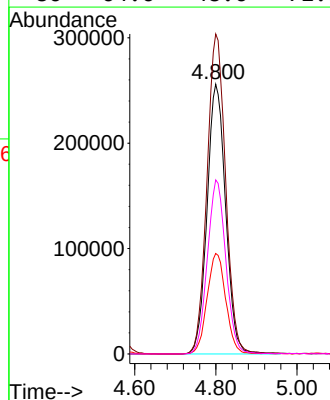
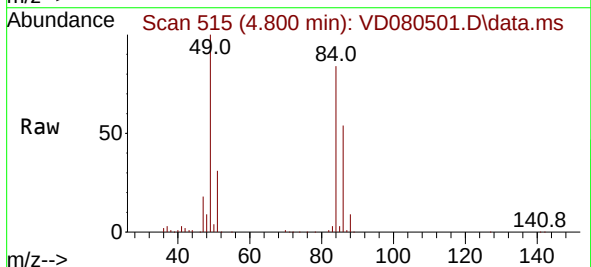
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

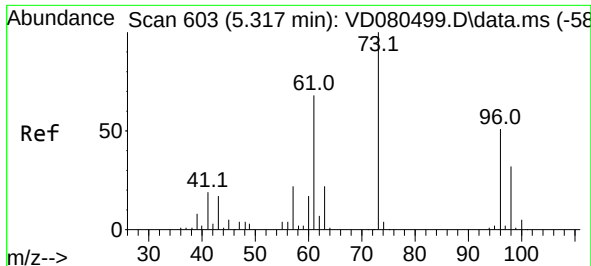
Tgt Ion: 73 Resp: 1800641
Ion Ratio Lower Upper
73 100
57 22.5 17.8 26.8



#20
Methylene Chloride
Concen: 138.587 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 84 Resp: 812181
Ion Ratio Lower Upper
84 100
49 118.6 91.8 137.6
51 37.3 29.0 43.4
86 64.6 48.6 72.8

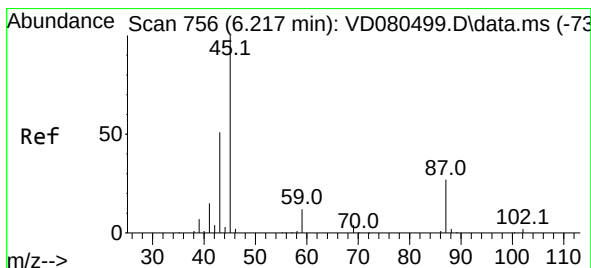
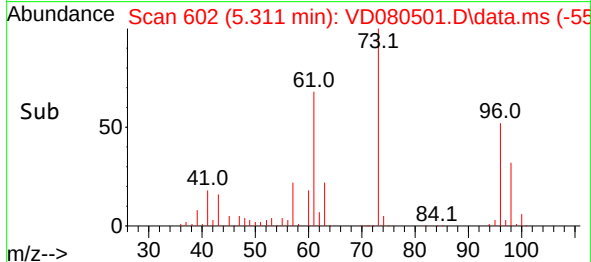
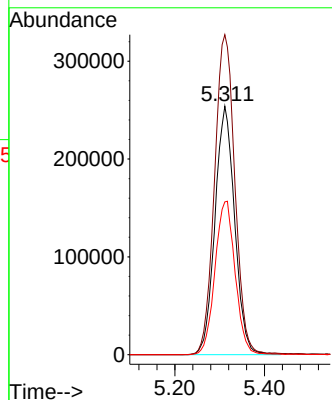
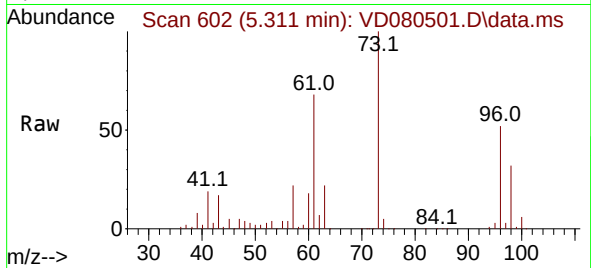




#21
trans-1,2-Dichloroethene
Concen: 153.894 ug/l
RT: 5.311 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

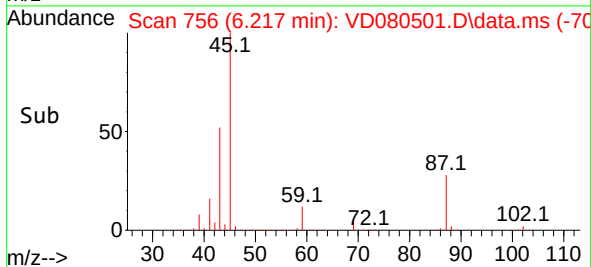
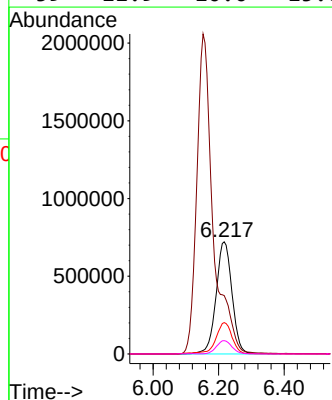
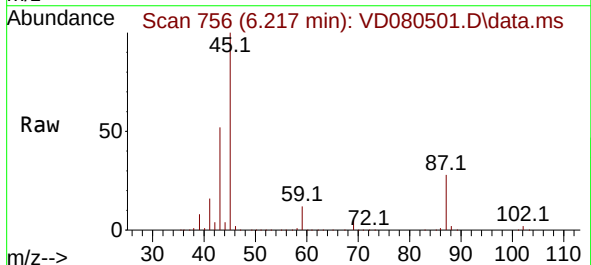
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

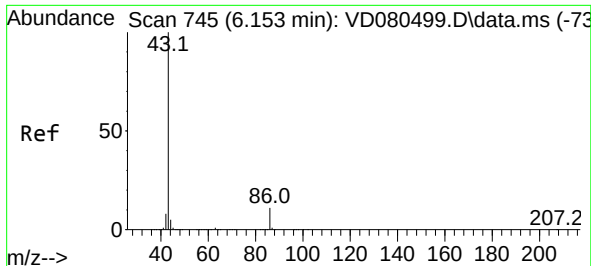
Tgt Ion: 96 Resp: 777088
Ion Ratio Lower Upper
96 100
61 128.8 107.4 161.0
98 61.5 49.9 74.9



#22
Diisopropyl ether
Concen: 154.545 ug/l
RT: 6.217 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 45 Resp: 2434755
Ion Ratio Lower Upper
45 100
43 51.9 40.6 60.8
87 27.8 21.6 32.4
59 11.9 10.0 15.0

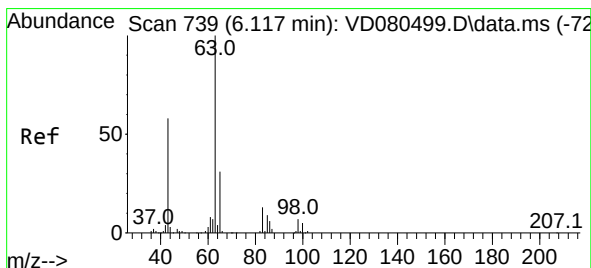
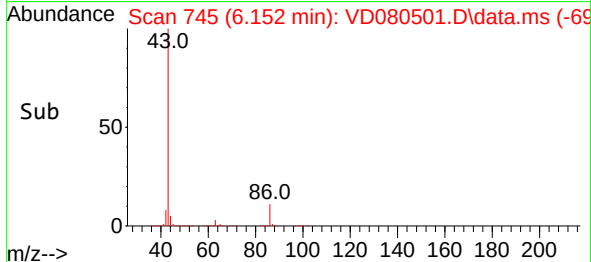
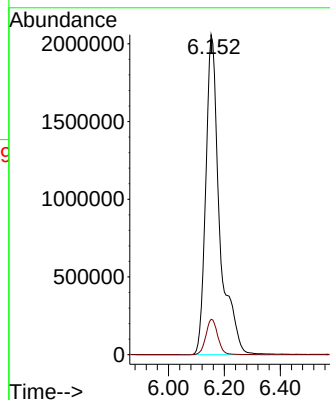
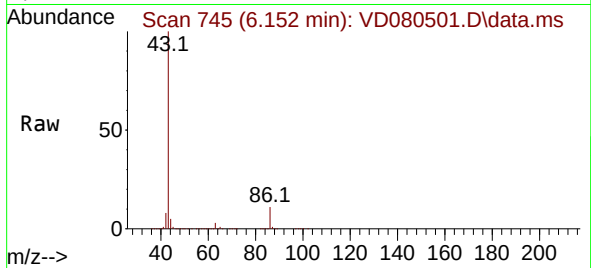




#23
 Vinyl Acetate
 Concen: 793.693 ug/l
 RT: 6.152 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD080501.D
 Acq: 27 Aug 2025 12:22

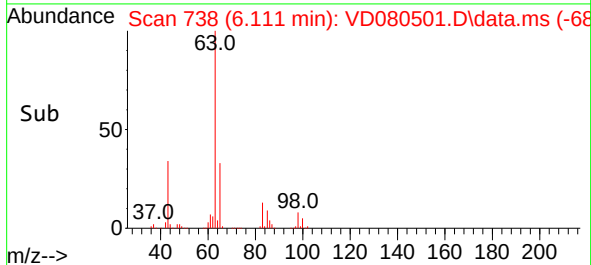
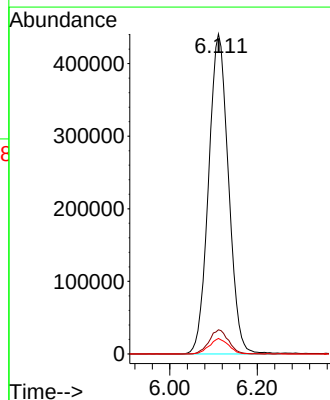
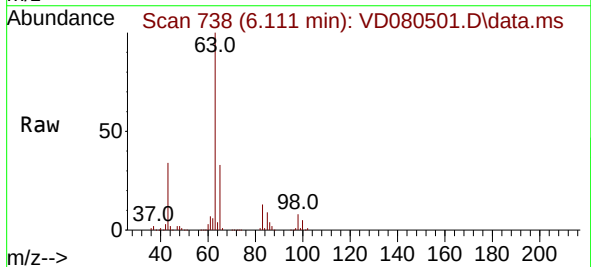
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

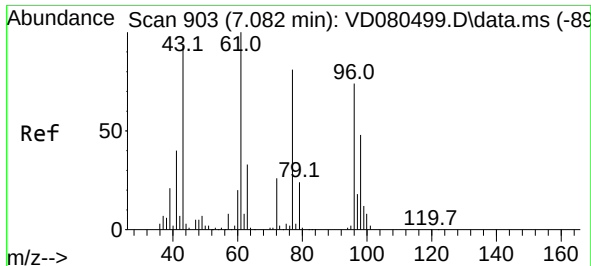
Tgt Ion: 43 Resp: 7115535
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 152.879 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD080501.D
 Acq: 27 Aug 2025 12:22

Tgt Ion: 63 Resp: 1394205
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.9
 100 4.8 2.4 7.1

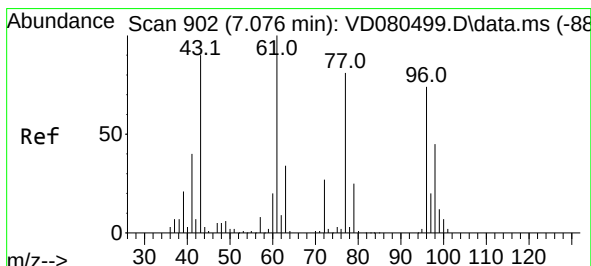
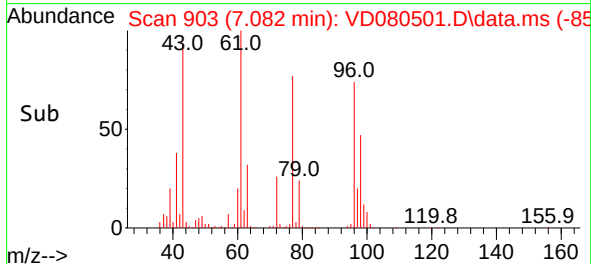
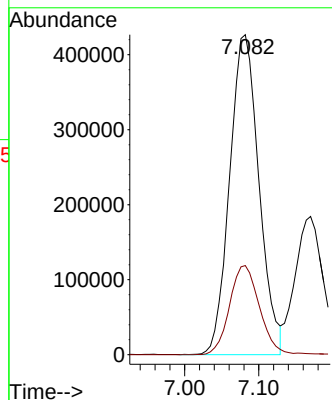
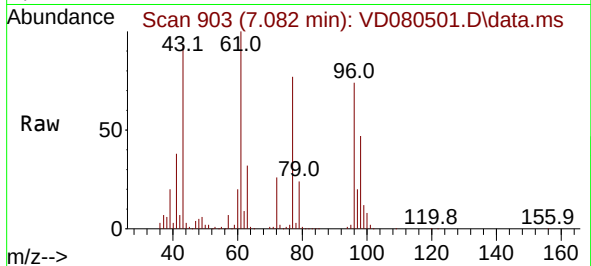




#25
2-Butanone
Concen: 778.117 ug/l
RT: 7.082 min Scan# 903
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

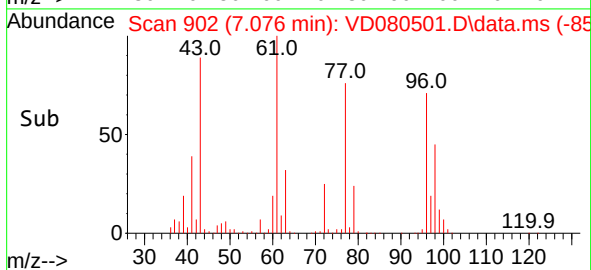
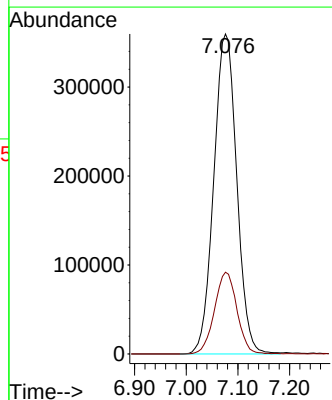
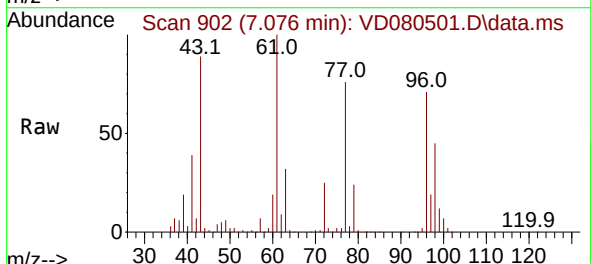
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

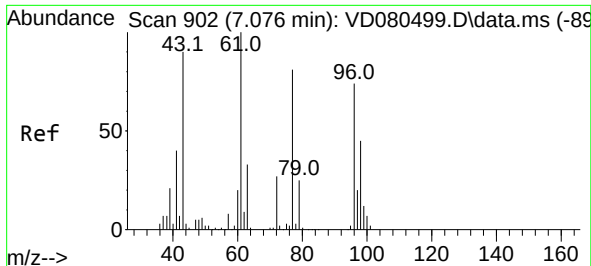
Tgt Ion: 43 Resp: 1175429
Ion Ratio Lower Upper
43 100
72 27.8 22.8 34.2



#26
2,2-Dichloropropane
Concen: 153.770 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 77 Resp: 1110318
Ion Ratio Lower Upper
77 100
97 25.0 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 156.695 ug/l

RT: 7.082 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD080501.D

Acq: 27 Aug 2025 12:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

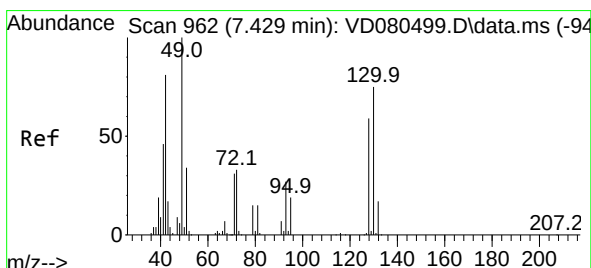
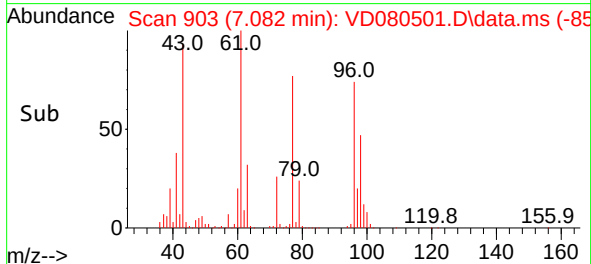
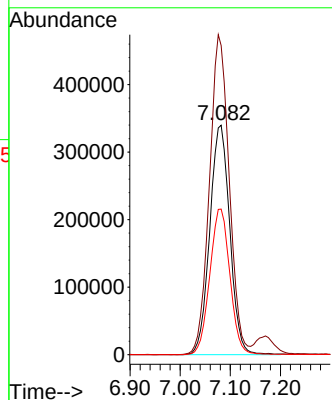
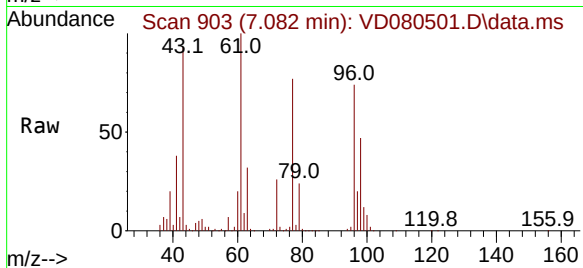
Tgt Ion: 96 Resp: 944295

Ion Ratio Lower Upper

96 100

61 137.6 0.0 275.2

98 63.7 0.0 128.8



#28

Bromochloromethane

Concen: 154.396 ug/l

RT: 7.423 min Scan# 961

Delta R.T. -0.006 min

Lab File: VD080501.D

Acq: 27 Aug 2025 12:22

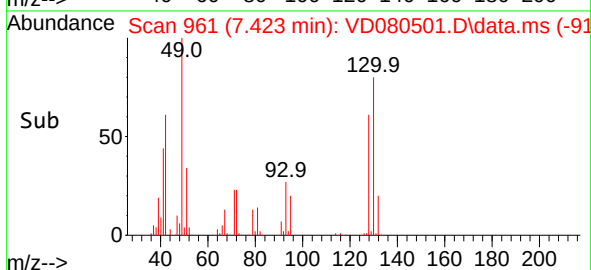
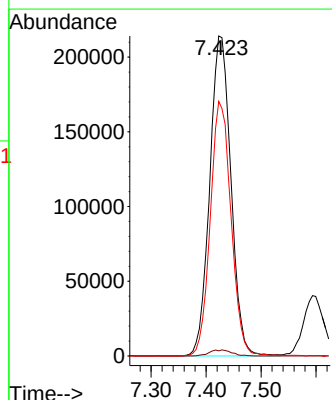
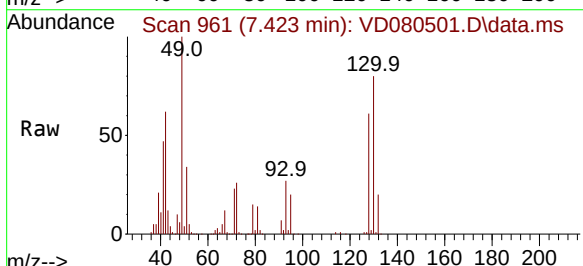
Tgt Ion: 49 Resp: 573811

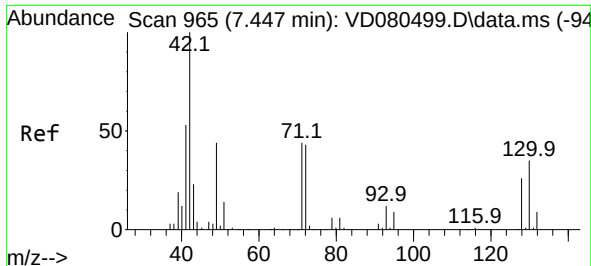
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 77.9 61.1 91.7





#29

Tetrahydrofuran

Concen: 775.161 ug/l

RT: 7.446 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD080501.D

Acq: 27 Aug 2025 12:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

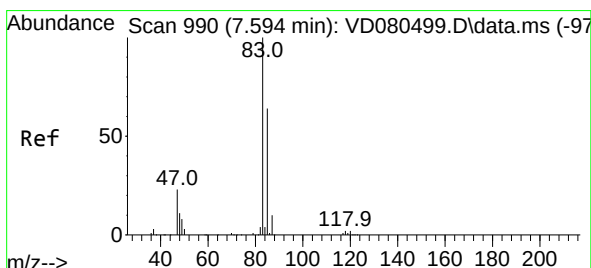
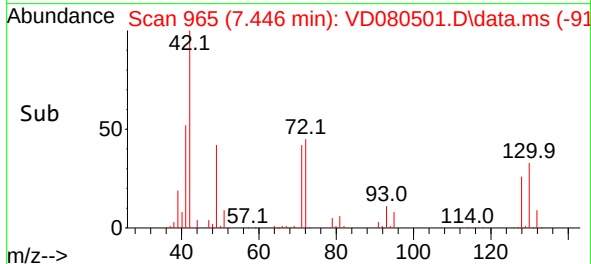
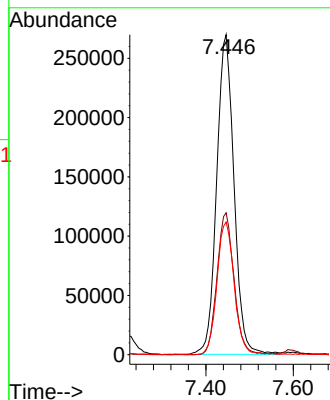
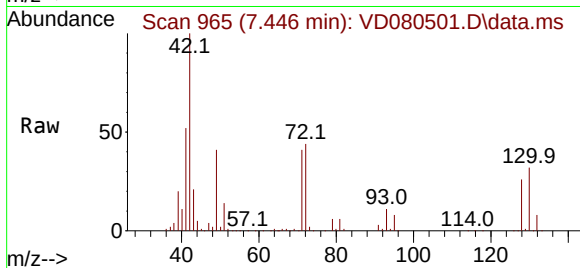
Tgt Ion: 42 Resp: 739952

Ion Ratio Lower Upper

42 100

72 43.7 34.7 52.1

71 41.4 32.9 49.3



#30

Chloroform

Concen: 156.462 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.000 min

Lab File: VD080501.D

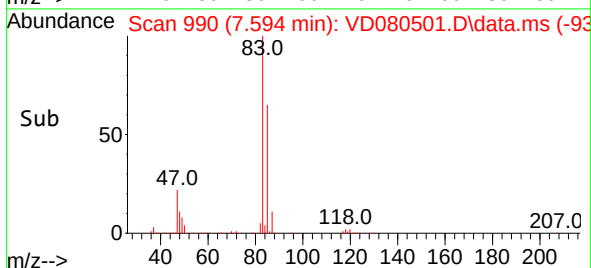
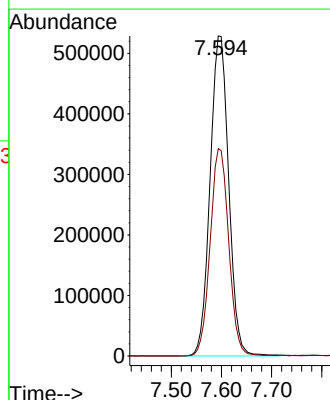
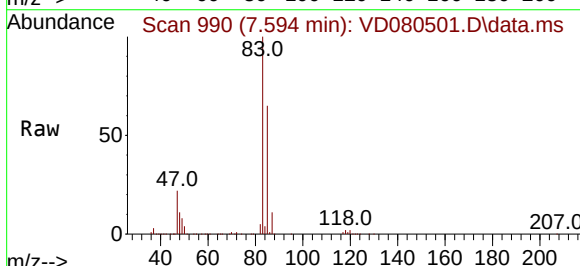
Acq: 27 Aug 2025 12:22

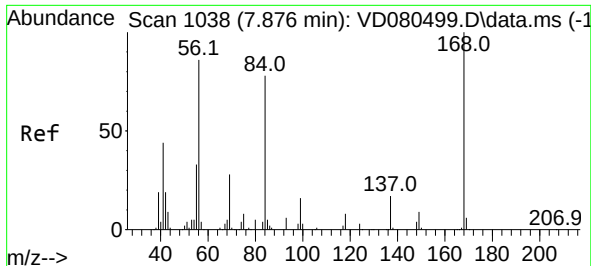
Tgt Ion: 83 Resp: 1364343

Ion Ratio Lower Upper

83 100

85 64.8 51.2 76.8

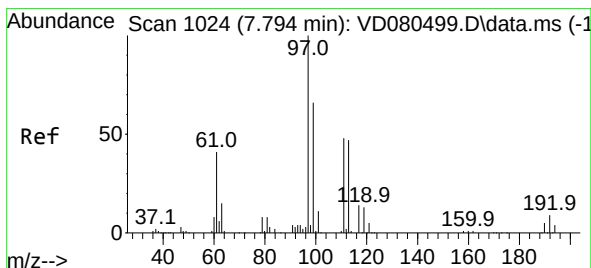
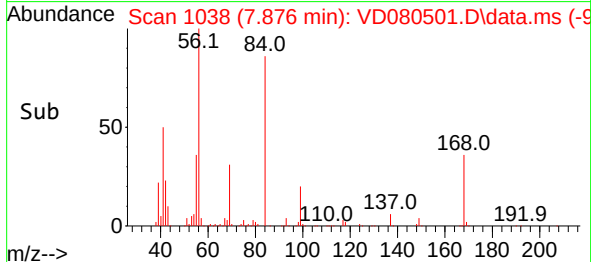
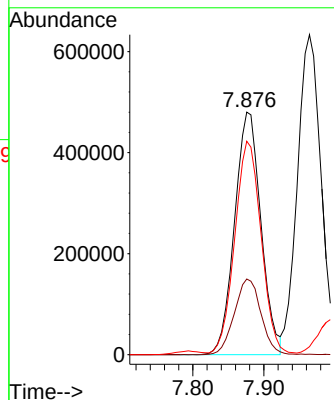
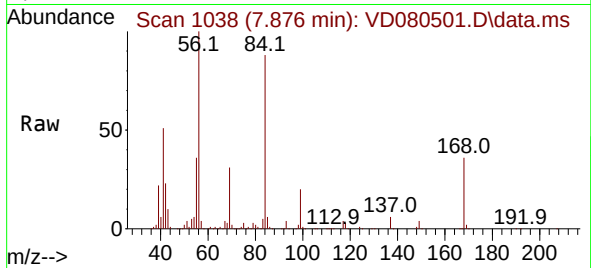




#31
Cyclohexane
Concen: 145.452 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

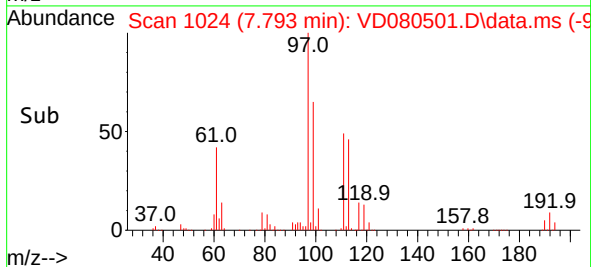
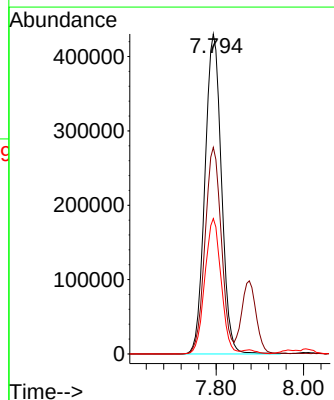
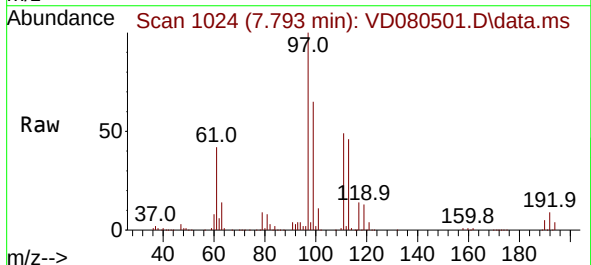
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

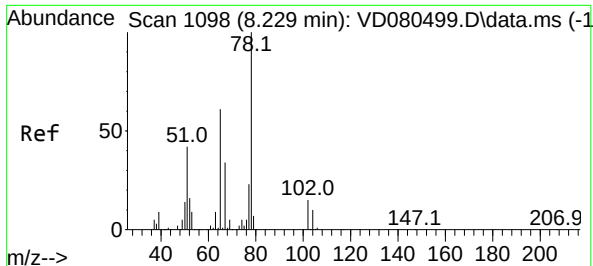
Tgt Ion: 56 Resp: 1241611
Ion Ratio Lower Upper
56 100
69 31.2 26.0 39.0
84 86.9 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 155.941 ug/l
RT: 7.793 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 97 Resp: 1132243
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 41.7 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 140.104 ug/l

RT: 8.229 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD080501.D

Acq: 27 Aug 2025 12:22

Instrument :

MSVOA_D

ClientSampleId :

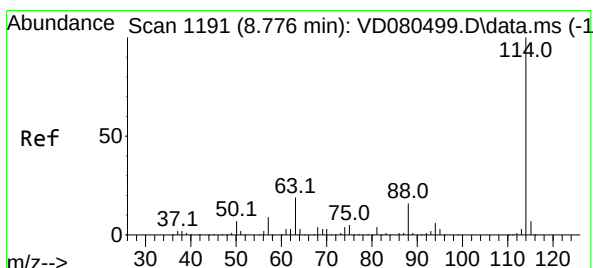
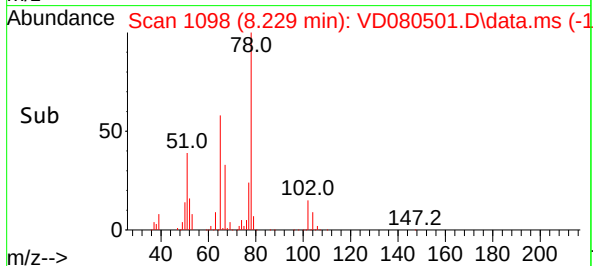
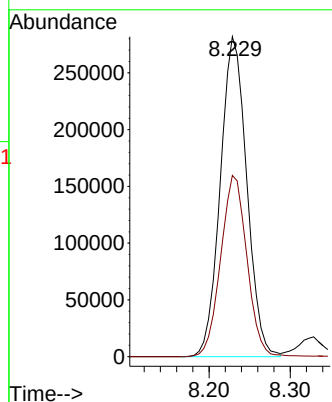
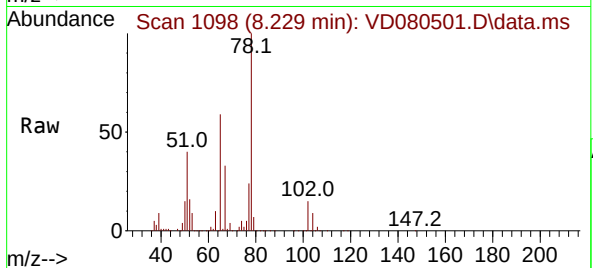
VSTDIC150

Tgt Ion: 65 Resp: 638448

Ion Ratio Lower Upper

65 100

67 56.3 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: VD080501.D

Acq: 27 Aug 2025 12:22

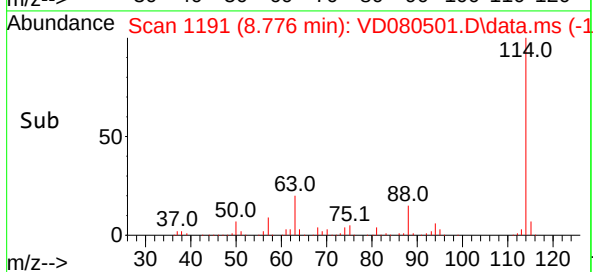
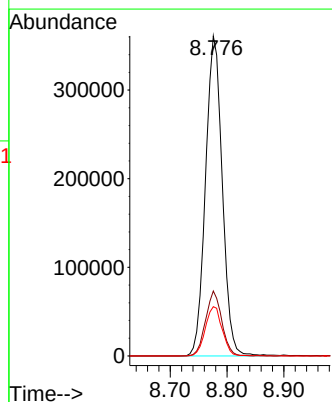
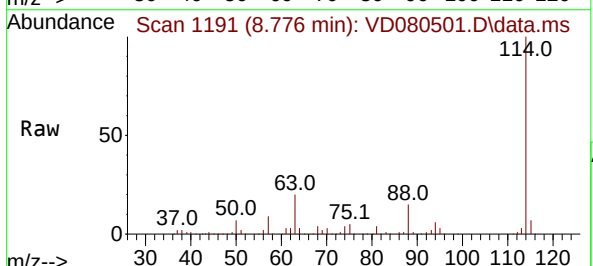
Tgt Ion:114 Resp: 738679

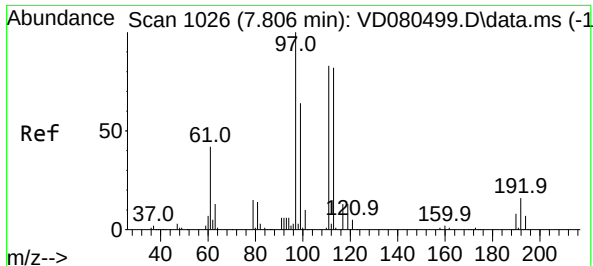
Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.6

88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 152.336 ug/l

RT: 7.805 min Scan# 1060

Delta R.T. -0.001 min

Lab File: VD080501.D

Acq: 27 Aug 2025 12:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

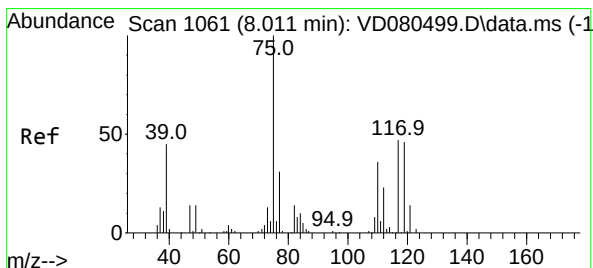
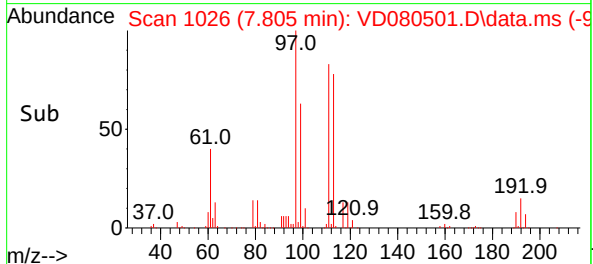
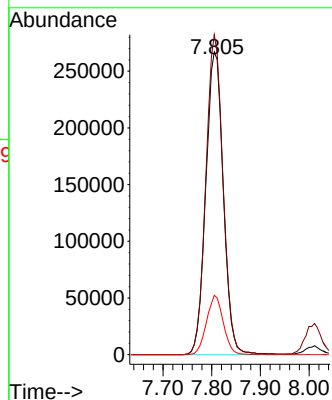
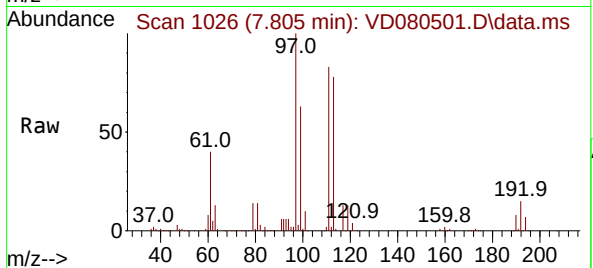
Tgt Ion:113 Resp: 665340

Ion Ratio Lower Upper

113 100

111 103.8 82.0 123.0

192 18.8 14.9 22.3



#36

1,1-Dichloropropene

Concen: 154.484 ug/l

RT: 8.005 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VD080501.D

Acq: 27 Aug 2025 12:22

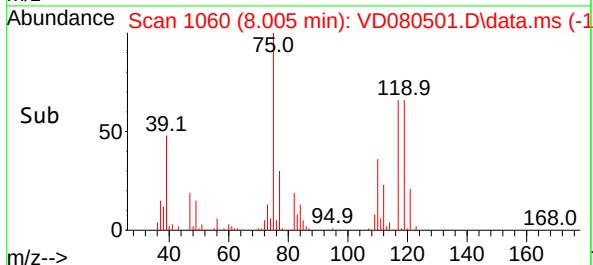
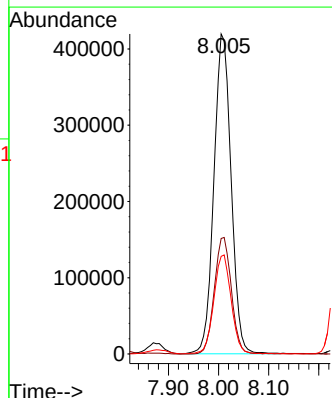
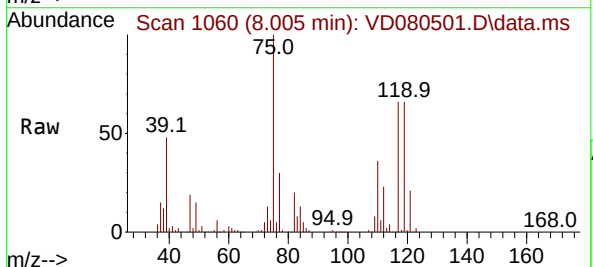
Tgt Ion: 75 Resp: 999993

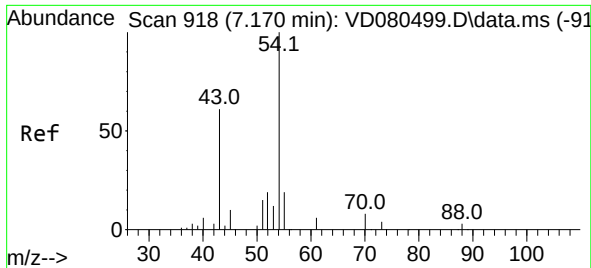
Ion Ratio Lower Upper

75 100

110 36.2 18.1 54.1

77 31.1 25.7 38.5

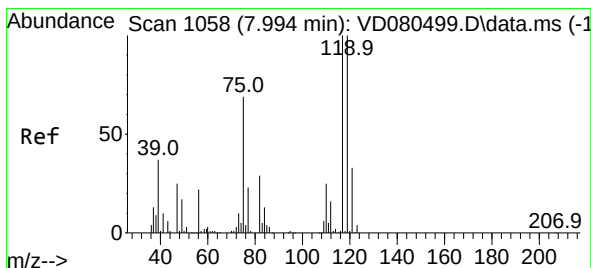
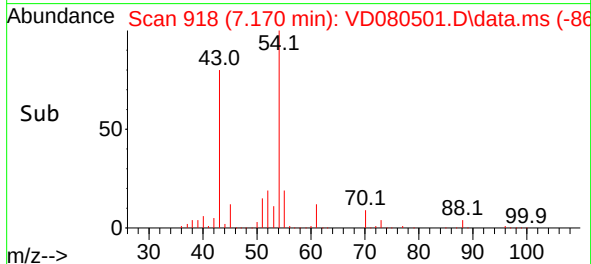
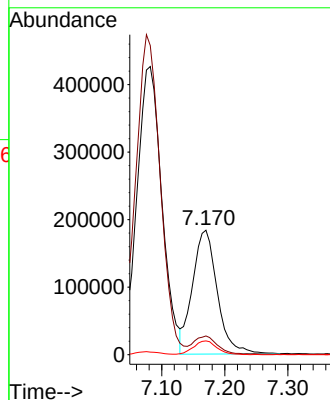
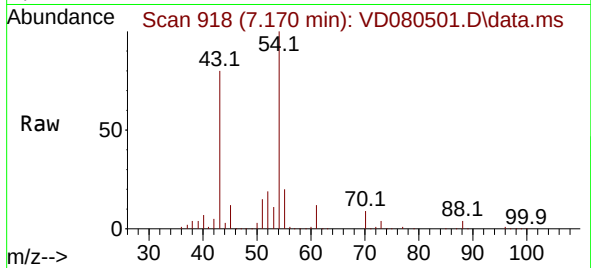




#37
Ethyl Acetate
Concen: 160.803 ug/l
RT: 7.170 min Scan# 918
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

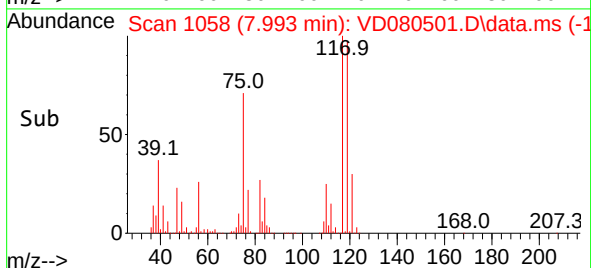
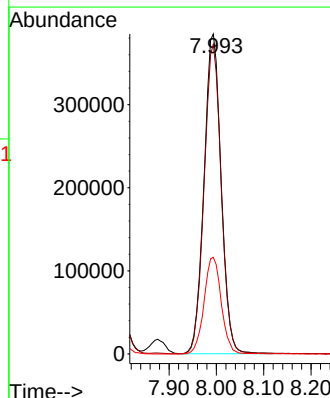
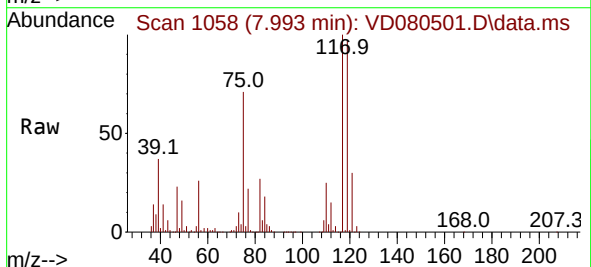
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

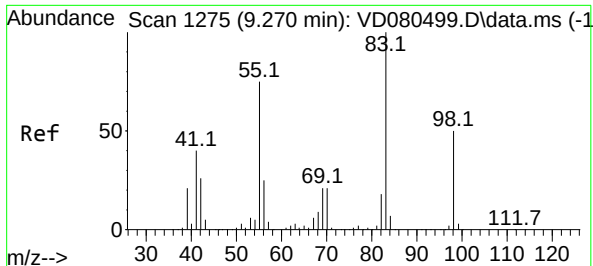
Tgt Ion: 43 Resp: 500539
Ion Ratio Lower Upper
43 100
61 14.5 11.8 17.8
70 10.6 9.0 13.4



#38
Carbon Tetrachloride
Concen: 157.282 ug/l
RT: 7.993 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 117 Resp: 968991
Ion Ratio Lower Upper
117 100
119 96.8 80.2 120.2
121 30.2 26.8 40.2





#39

Methylcyclohexane

Concen: 155.071 ug/l

RT: 9.276 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD080501.D

Acq: 27 Aug 2025 12:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

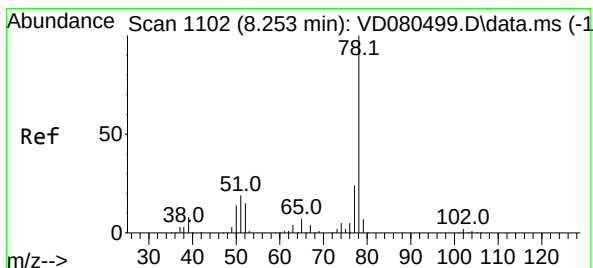
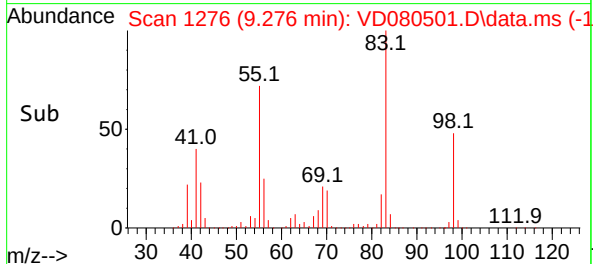
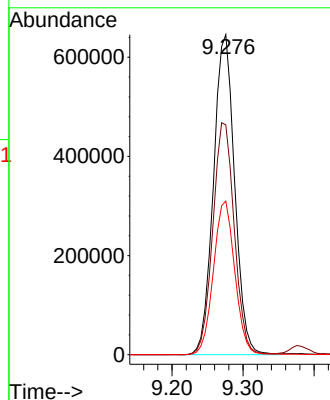
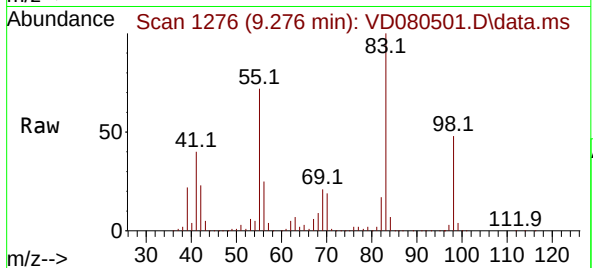
Tgt Ion: 83 Resp: 1336099

Ion Ratio Lower Upper

83 100

55 71.8 60.4 90.6

98 48.0 39.8 59.6



#40

Benzene

Concen: 154.832 ug/l

RT: 8.252 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VD080501.D

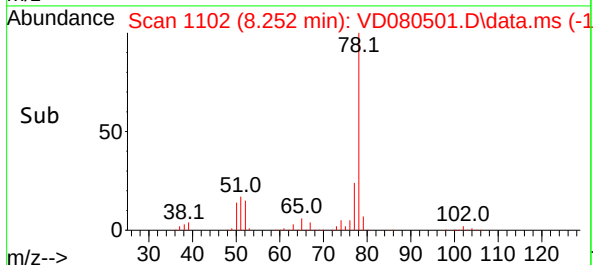
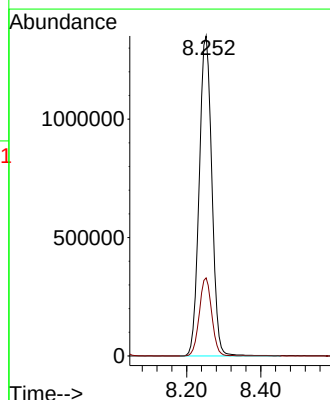
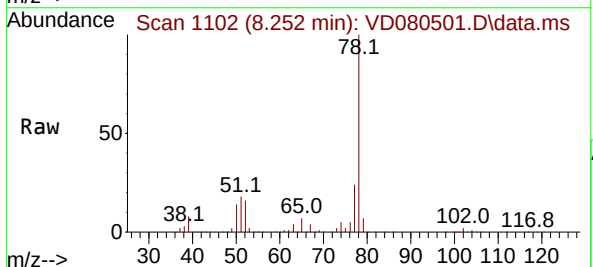
Acq: 27 Aug 2025 12:22

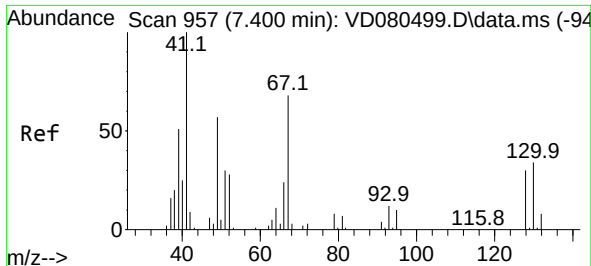
Tgt Ion: 78 Resp: 3189711

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.6



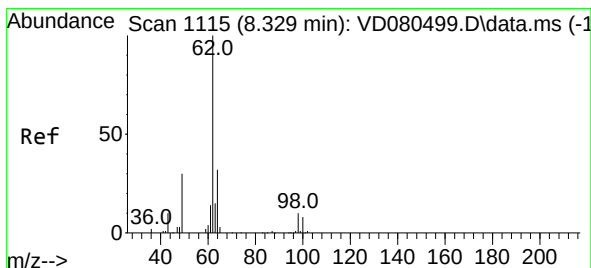
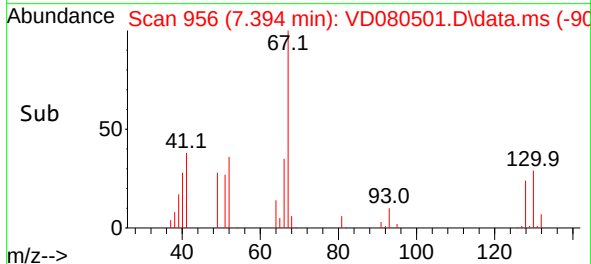
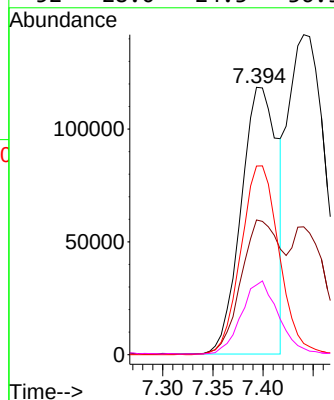
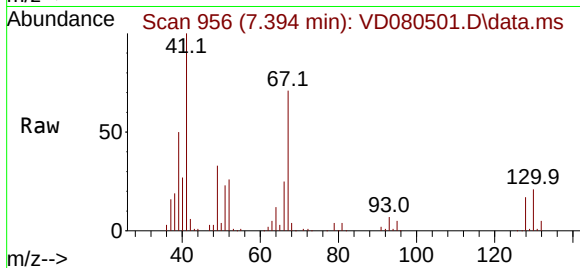


#41
Methacrylonitrile
Concen: 161.663 ug/l
RT: 7.394 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 298762

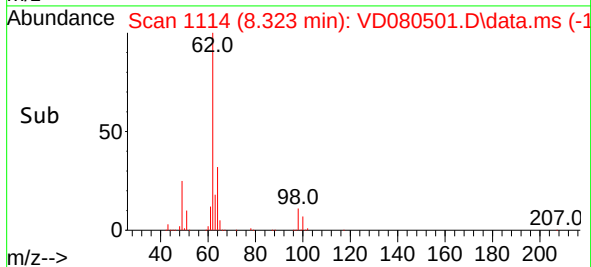
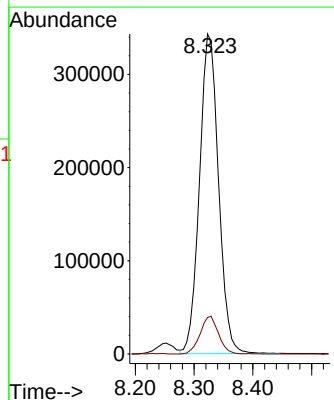
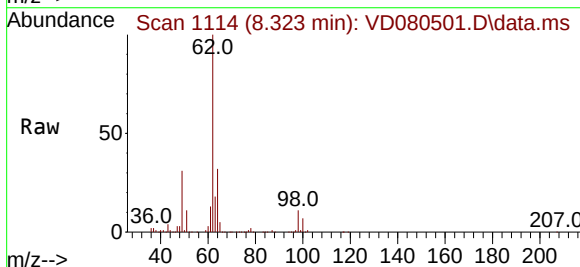
Ion	Ratio	Lower	Upper
41	100		
39	56.1	50.1	75.1
67	75.0	60.8	91.2
52	28.0	24.3	36.5

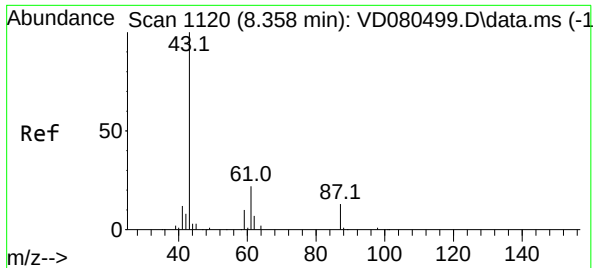


#42
1,2-Dichloroethane
Concen: 154.522 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 62 Resp: 771061

Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	22.0

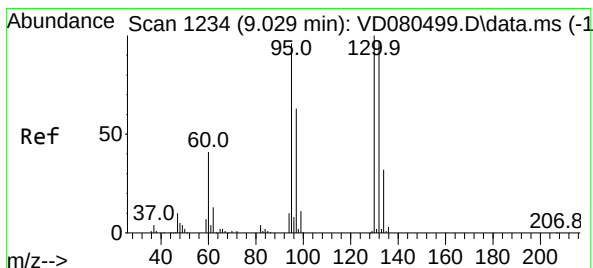
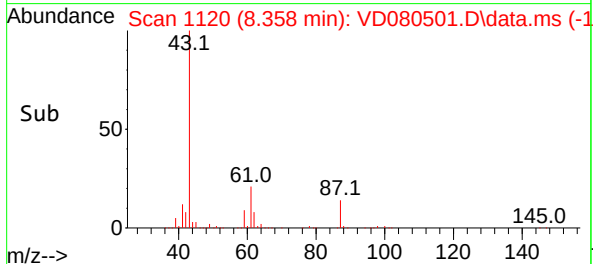
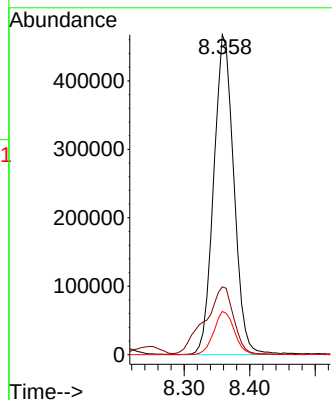
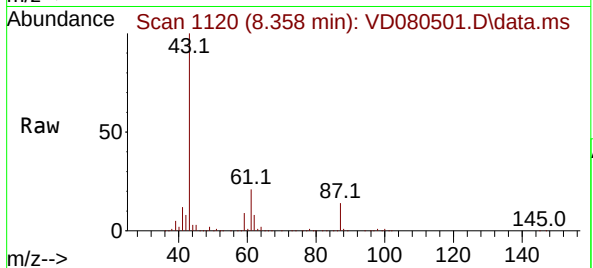




#43
Isopropyl Acetate
Concen: 156.906 ug/l
RT: 8.358 min Scan# 1120
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

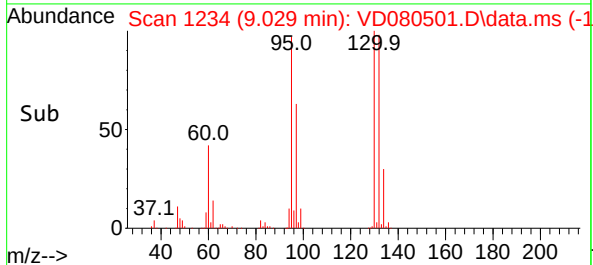
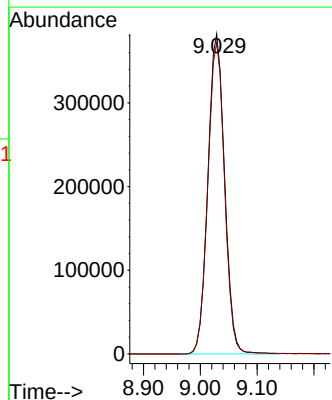
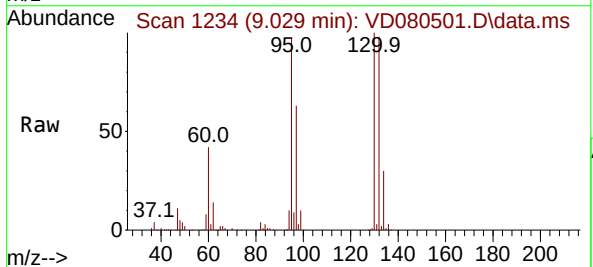
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

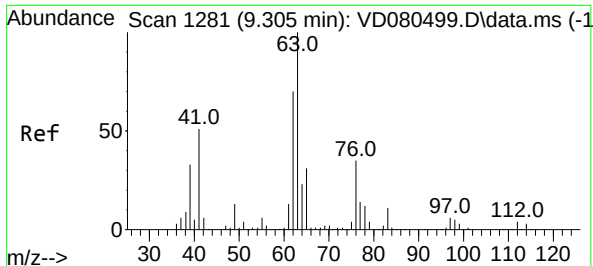
Tgt Ion: 43 Resp: 993725
Ion Ratio Lower Upper
43 100
61 30.3 24.3 36.5
87 13.9 10.9 16.3



#44
Trichloroethene
Concen: 155.722 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 130 Resp: 778295
Ion Ratio Lower Upper
130 100
95 97.3 0.0 191.8





#45

1,2-Dichloropropane

Concen: 155.186 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD080501.D

Acq: 27 Aug 2025 12:22

Instrument :

MSVOA_D

ClientSampleId :

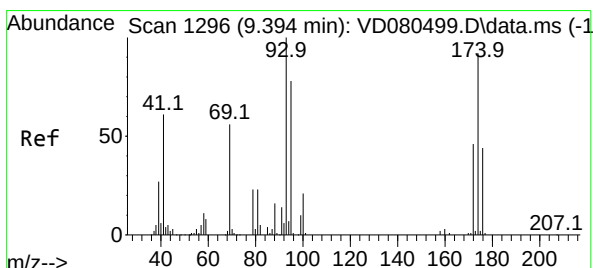
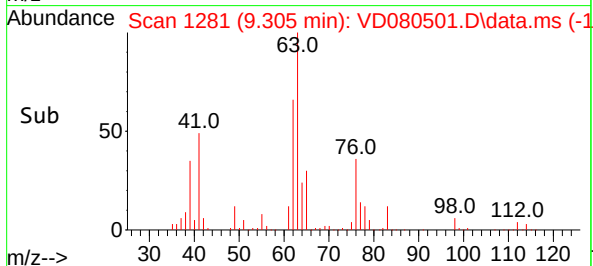
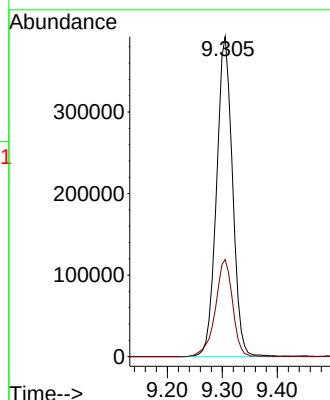
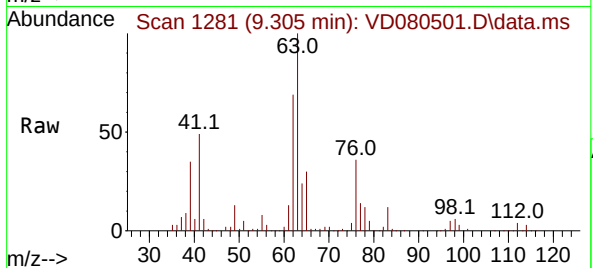
VSTDIC150

Tgt Ion: 63 Resp: 792860

Ion Ratio Lower Upper

63 100

65 30.3 24.9 37.3



#46

Dibromomethane

Concen: 158.788 ug/l

RT: 9.393 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VD080501.D

Acq: 27 Aug 2025 12:22

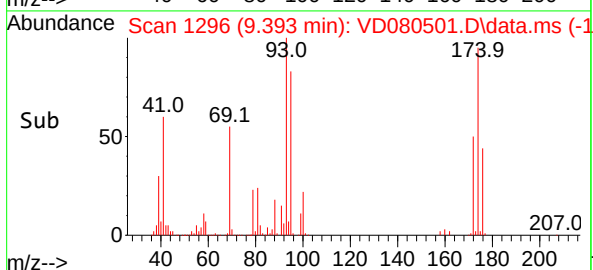
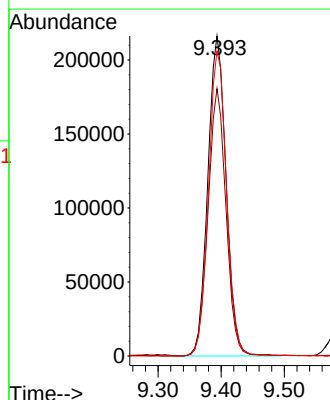
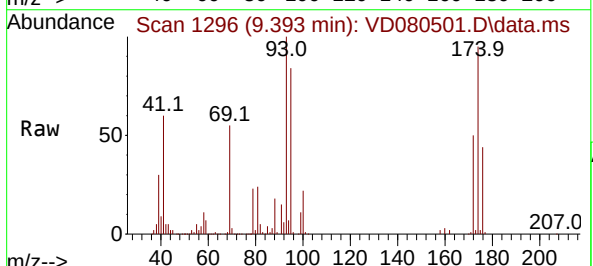
Tgt Ion: 93 Resp: 434633

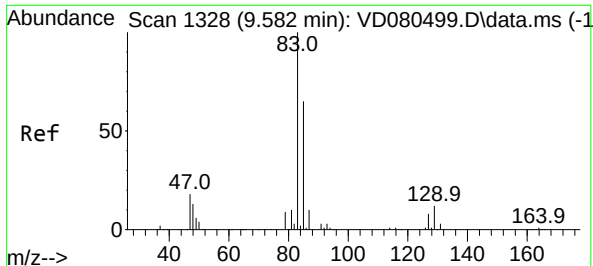
Ion Ratio Lower Upper

93 100

95 82.1 66.3 99.5

174 94.9 74.8 112.2

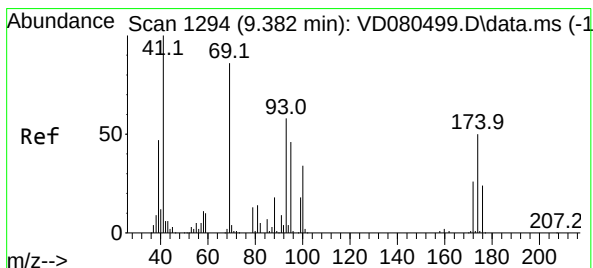
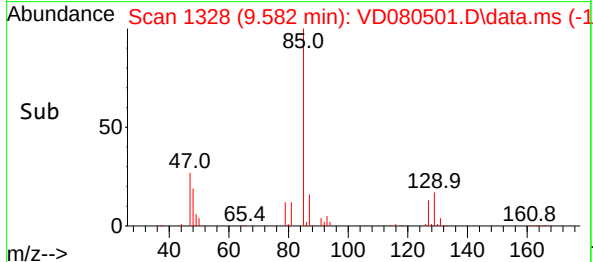
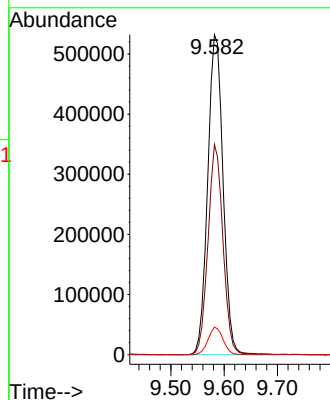
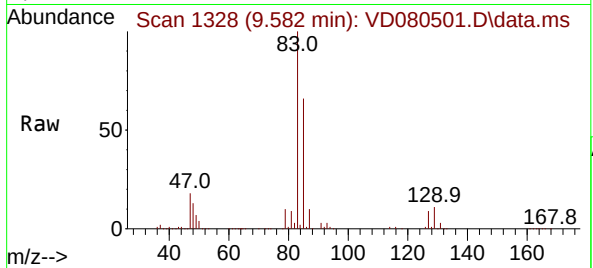




#47
Bromodichloromethane
Concen: 159.742 ug/l
RT: 9.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

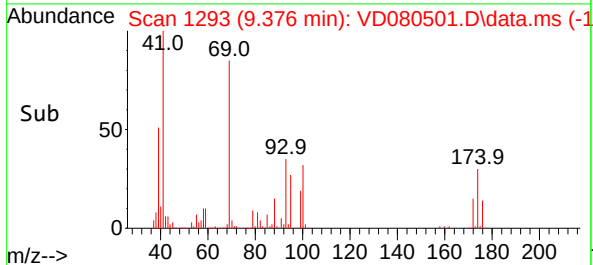
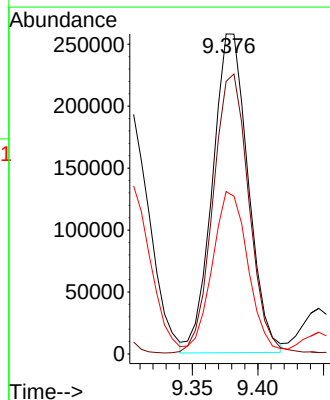
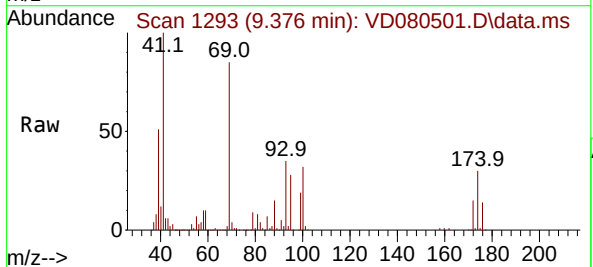
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

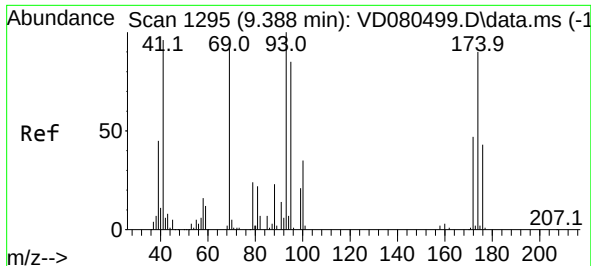
Tgt Ion: 83 Resp: 1065944
Ion Ratio Lower Upper
83 100
85 65.7 52.2 78.2
127 8.6 6.6 9.8



#48
Methyl methacrylate
Concen: 155.045 ug/l
RT: 9.376 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 41 Resp: 486782
Ion Ratio Lower Upper
41 100
69 88.9 68.7 103.1
39 48.1 36.5 54.7





#49

1,4-Dioxane

Concen: 3172.072 ug/l

RT: 9.382 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VD080501.D

Acq: 27 Aug 2025 12:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

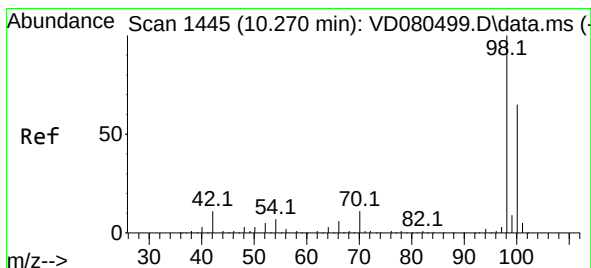
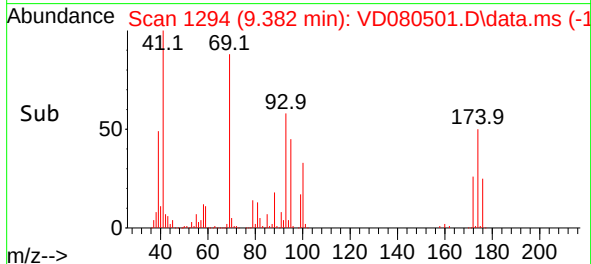
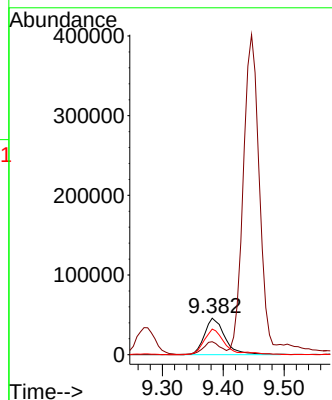
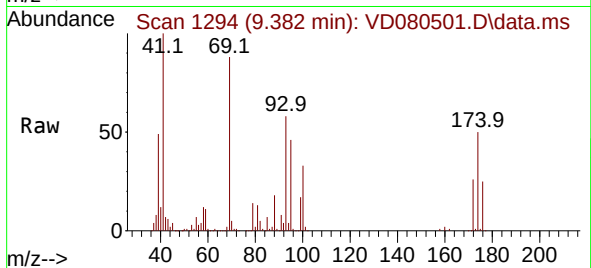
Tgt Ion: 88 Resp: 107341

Ion Ratio Lower Upper

88 100

43 28.5 26.1 39.1

58 65.7 54.2 81.2



#50

Toluene-d8

Concen: 152.659 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. -0.000 min

Lab File: VD080501.D

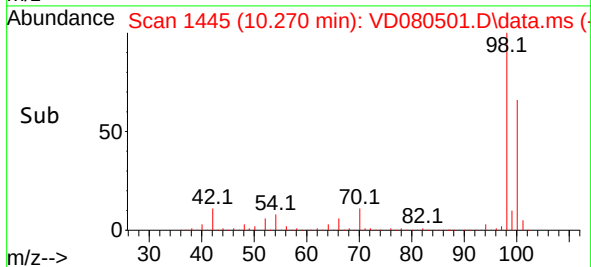
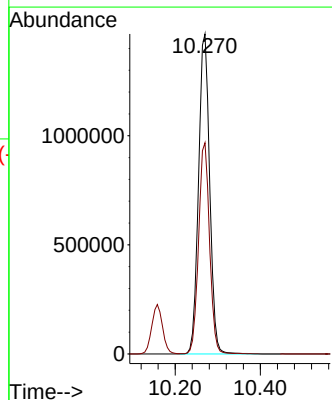
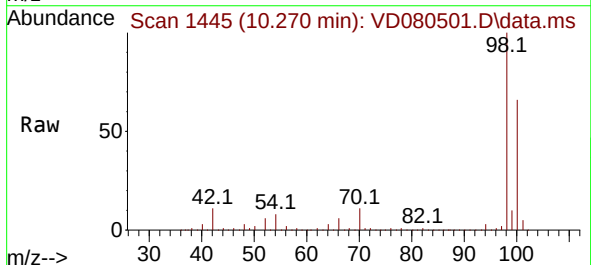
Acq: 27 Aug 2025 12:22

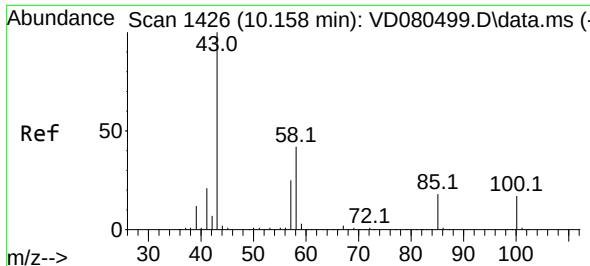
Tgt Ion: 98 Resp: 2654952

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.6

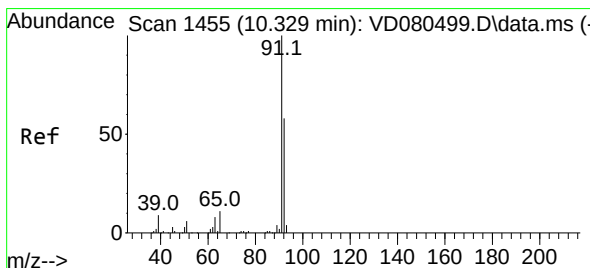
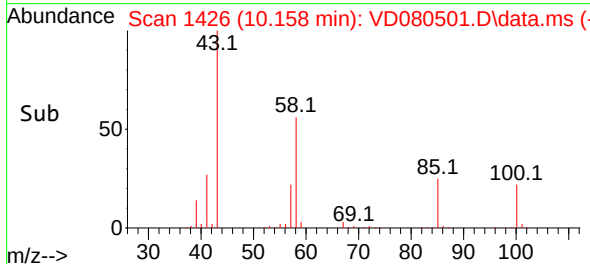
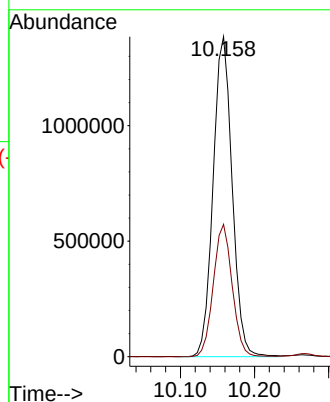
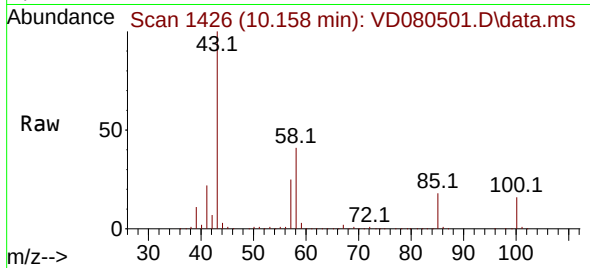




#51
4-Methyl-2-Pentanone
Concen: 782.271 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

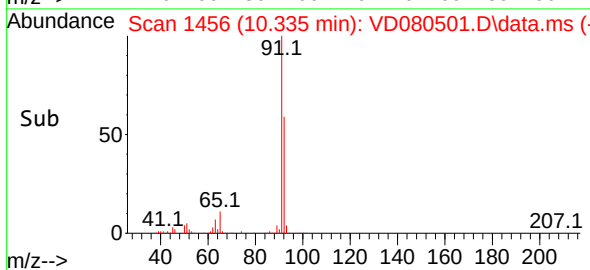
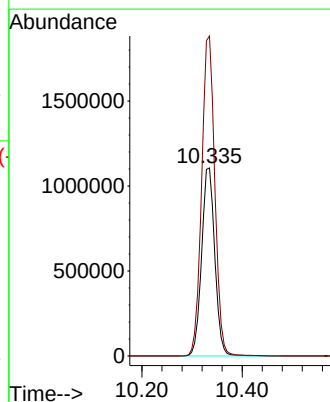
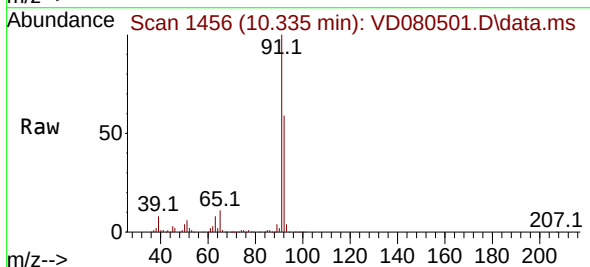
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

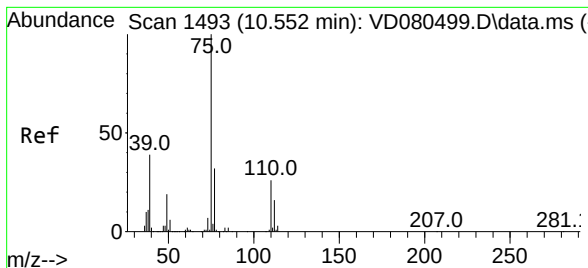
Tgt Ion: 43 Resp: 2470799
Ion Ratio Lower Upper
43 100
58 41.0 32.8 49.2



#52
Toluene
Concen: 156.931 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 92 Resp: 2016179
Ion Ratio Lower Upper
92 100
91 170.6 138.8 208.2

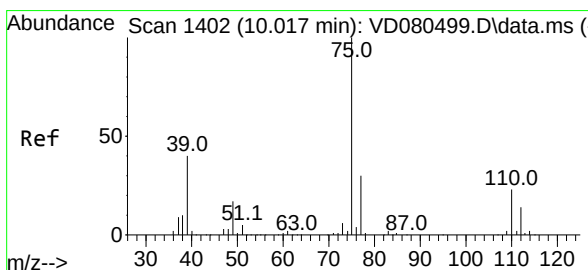
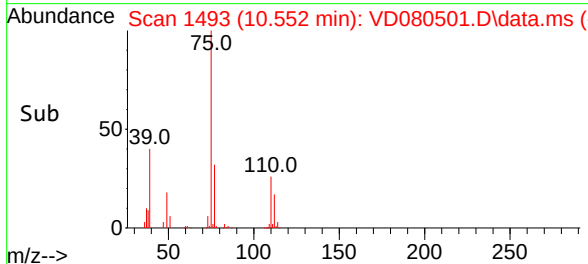
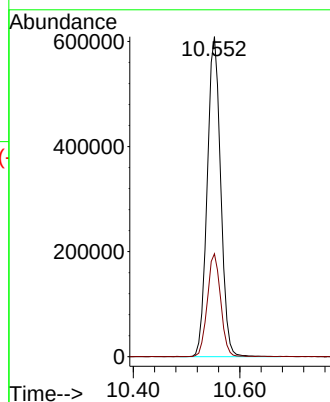
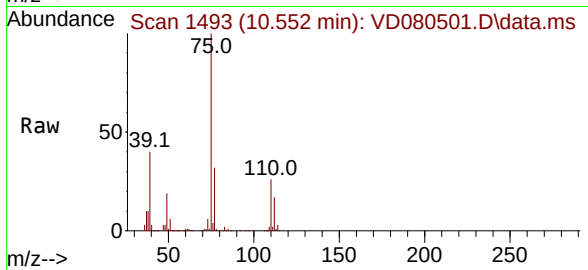




#53
t-1,3-Dichloropropene
Concen: 156.926 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

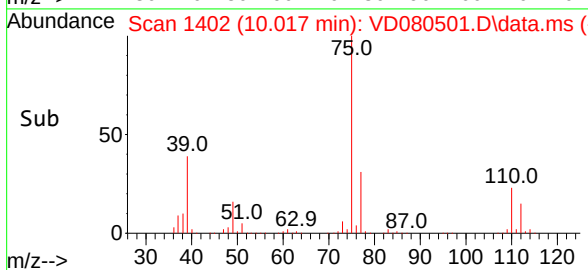
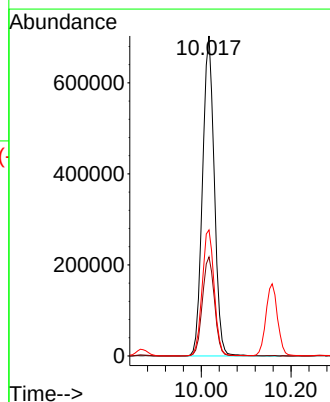
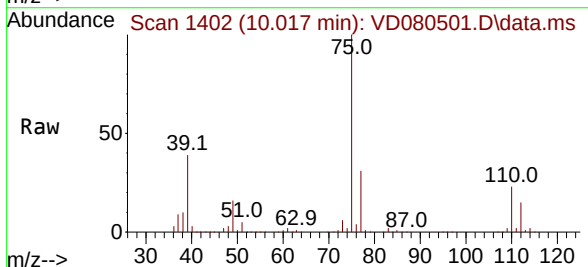
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

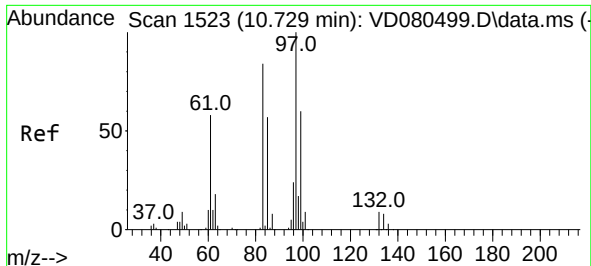
Tgt Ion: 75 Resp: 1067188
Ion Ratio Lower Upper
75 100
77 32.1 25.9 38.9



#54
cis-1,3-Dichloropropene
Concen: 157.241 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 75 Resp: 1278784
Ion Ratio Lower Upper
75 100
77 31.0 24.2 36.4
39 39.4 31.8 47.6



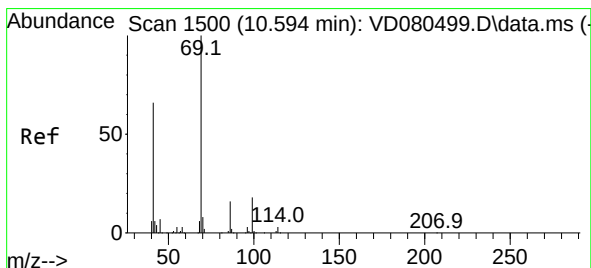
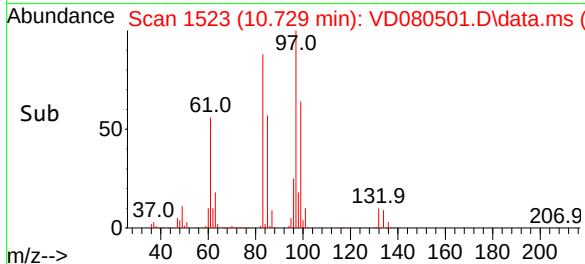
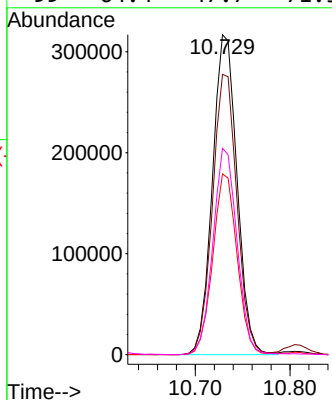
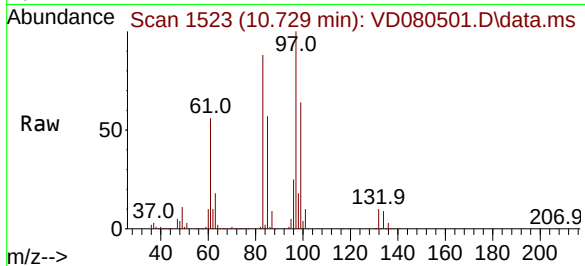


#55
1,1,2-Trichloroethane
Concen: 156.065 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 572744

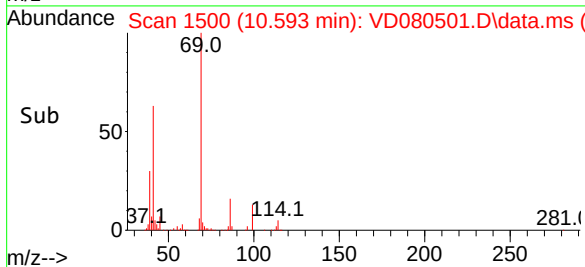
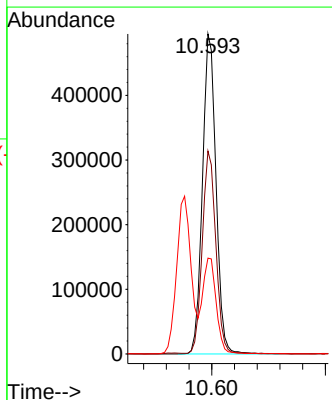
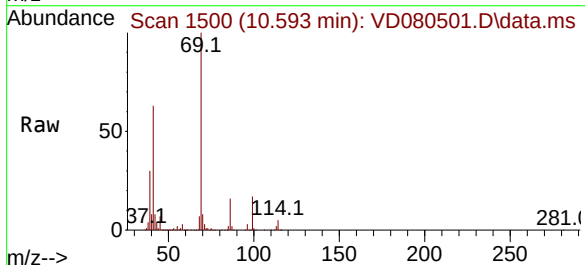
Ion	Ratio	Lower	Upper
97	100		
83	87.6	67.0	100.6
85	56.4	45.6	68.4
99	64.4	47.7	71.5

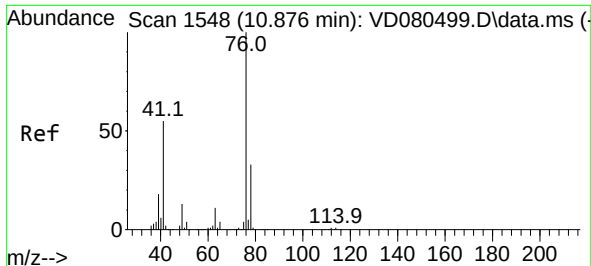


#56
Ethyl methacrylate
Concen: 159.529 ug/l
RT: 10.593 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 69 Resp: 815696

Ion	Ratio	Lower	Upper
69	100		
41	63.2	51.9	77.9
39	29.6	23.6	35.4





#57

1,3-Dichloropropane

Concen: 156.414 ug/l

RT: 10.876 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD080501.D

Acq: 27 Aug 2025 12:22

Instrument :

MSVOA_D

ClientSampleId :

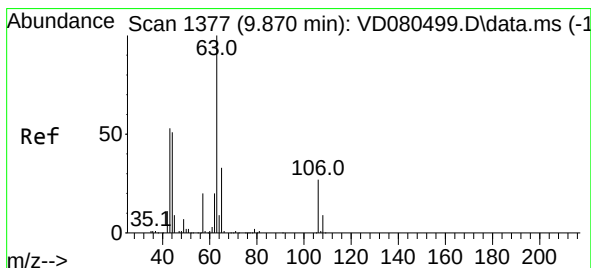
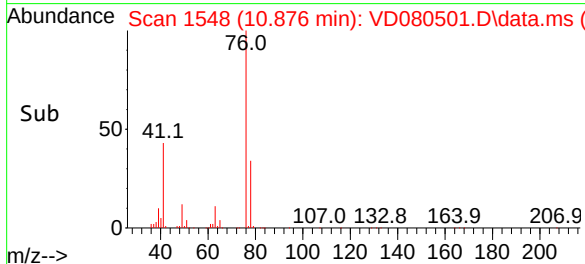
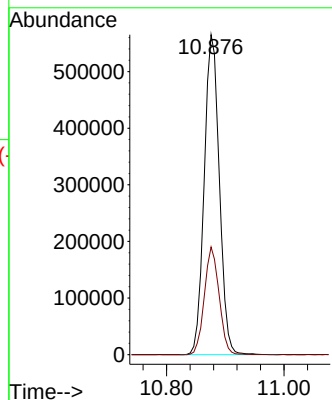
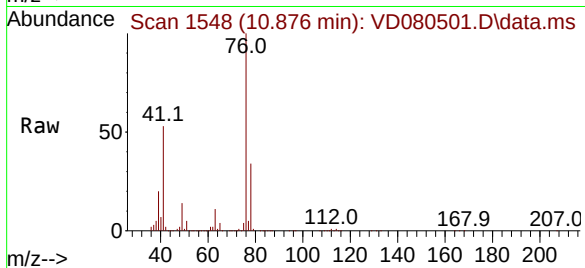
VSTDICC150

Tgt Ion: 76 Resp: 1007435

Ion Ratio Lower Upper

76 100

78 32.8 26.9 40.3



#58

2-Chloroethyl Vinyl ether

Concen: 805.647 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VD080501.D

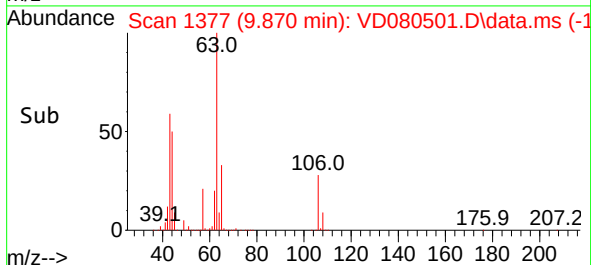
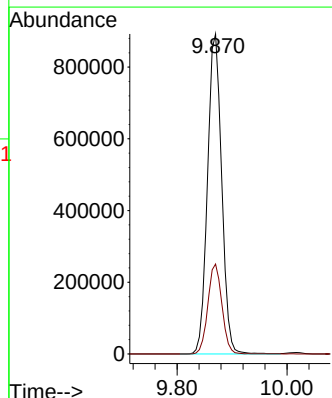
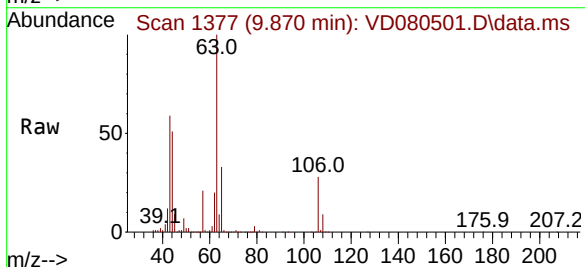
Acq: 27 Aug 2025 12:22

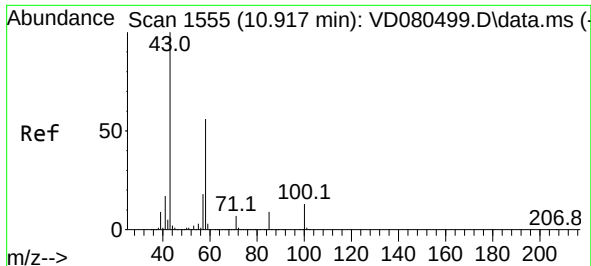
Tgt Ion: 63 Resp: 1594125

Ion Ratio Lower Upper

63 100

106 27.9 22.1 33.1

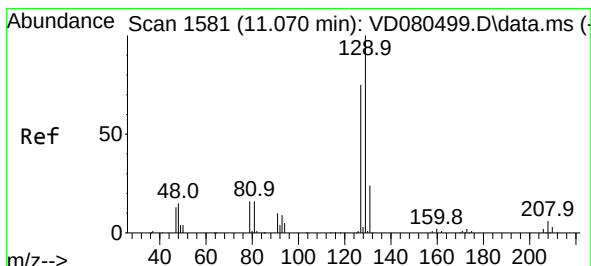
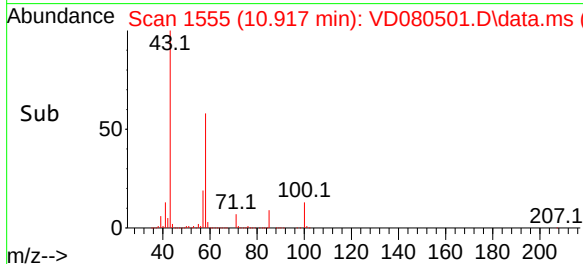
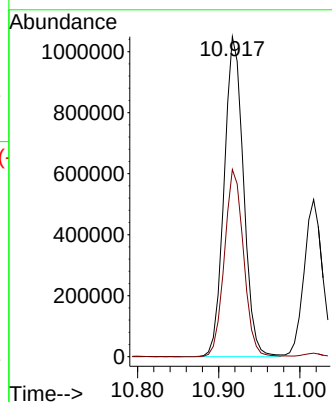
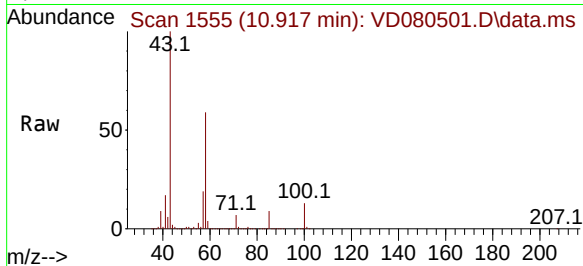




#59
2-Hexanone
Concen: 775.642 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

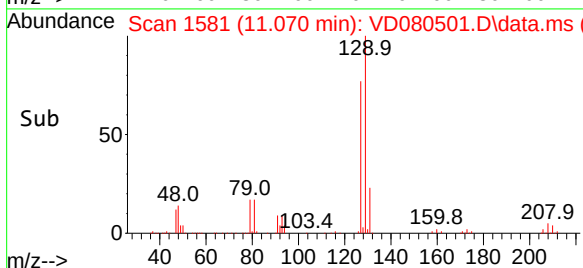
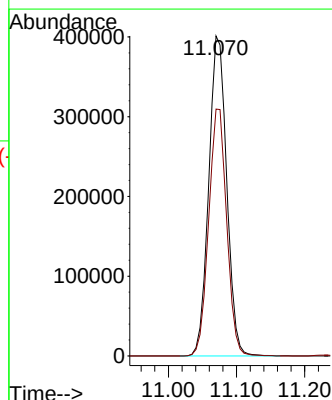
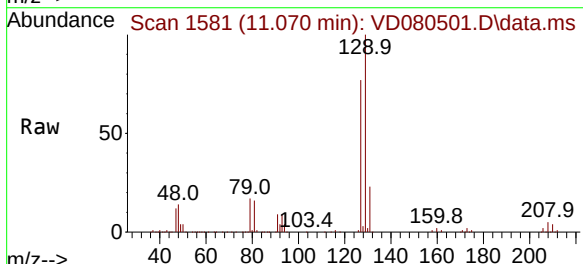
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

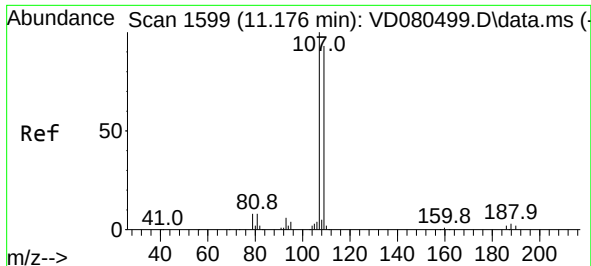
Tgt Ion: 43 Resp: 1740687
Ion Ratio Lower Upper
43 100
58 58.0 28.3 85.0



#60
Dibromochloromethane
Concen: 158.934 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 129 Resp: 735072
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7

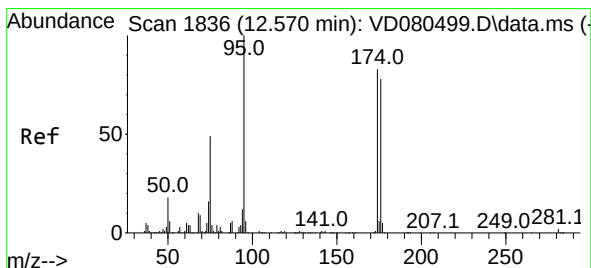
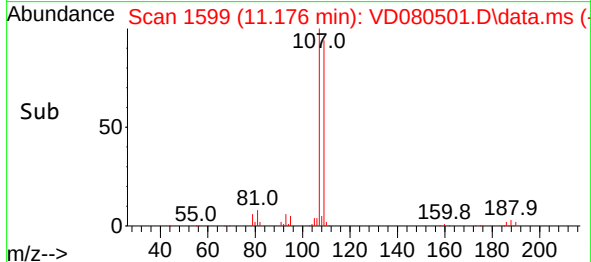
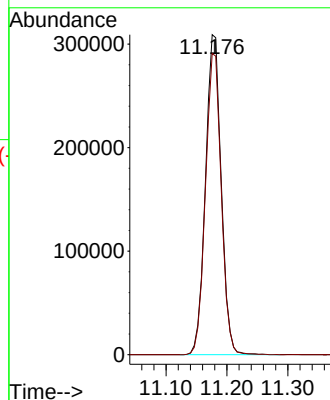
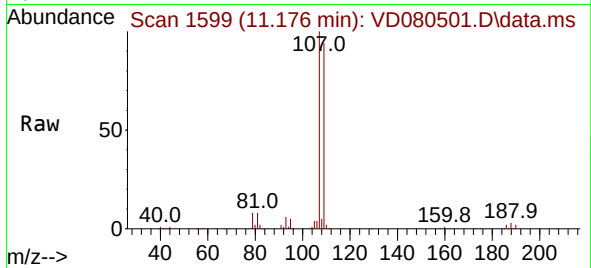




#61
1,2-Dibromoethane
Concen: 158.873 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

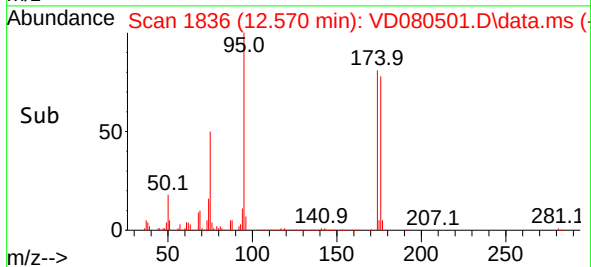
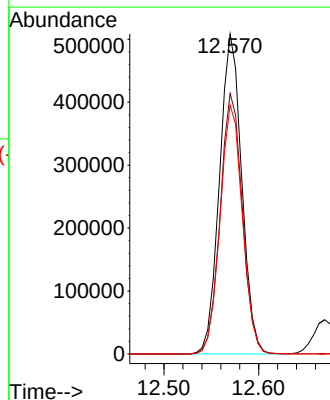
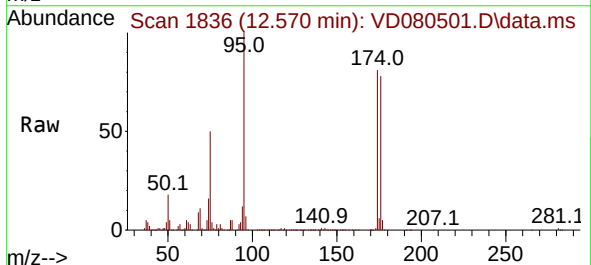
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

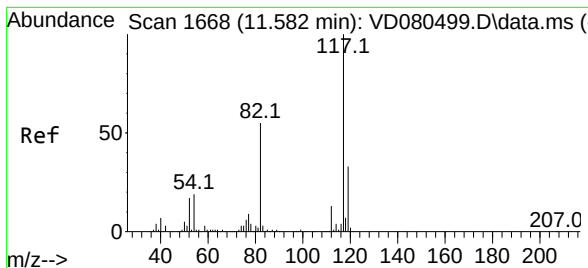
Tgt Ion:107 Resp: 554779
Ion Ratio Lower Upper
107 100
109 94.6 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 152.805 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 95 Resp: 826682
Ion Ratio Lower Upper
95 100
174 81.4 0.0 162.6
176 78.2 0.0 156.0

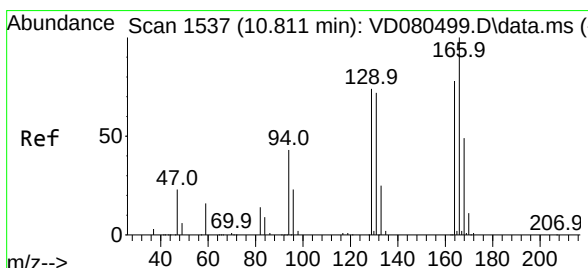
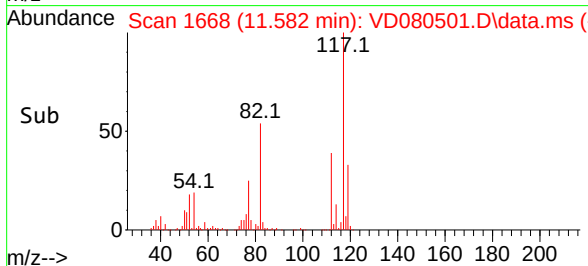
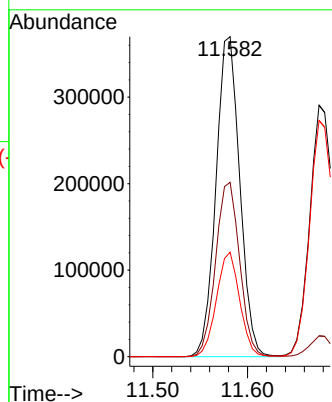
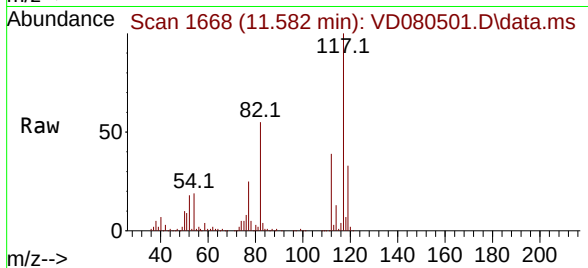




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

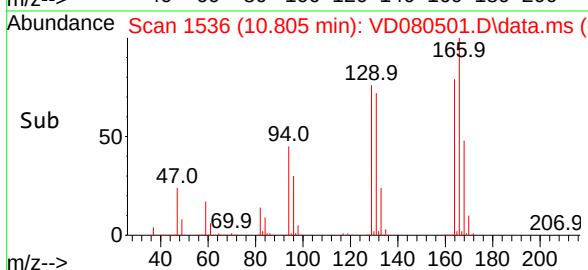
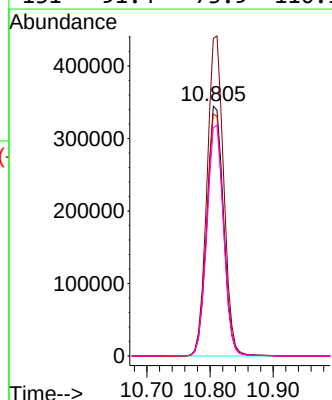
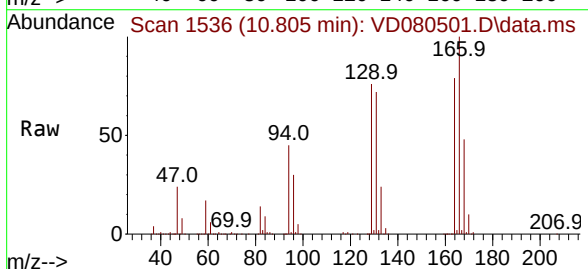
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

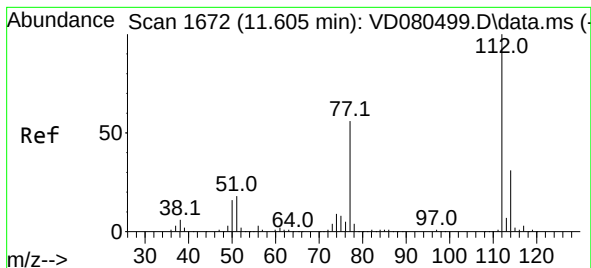
Tgt Ion:117 Resp: 646418
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.6
119 32.6 26.1 39.1



#64
Tetrachloroethene
Concen: 158.162 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. -0.006 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion:164 Resp: 631388
Ion Ratio Lower Upper
164 100
166 127.2 103.1 154.7
129 96.8 76.2 114.2
131 91.4 73.9 110.9





#65

Chlorobenzene

Concen: 157.443 ug/l

RT: 11.605 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080501.D

Acq: 27 Aug 2025 12:22

Instrument :

MSVOA_D

ClientSampleId :

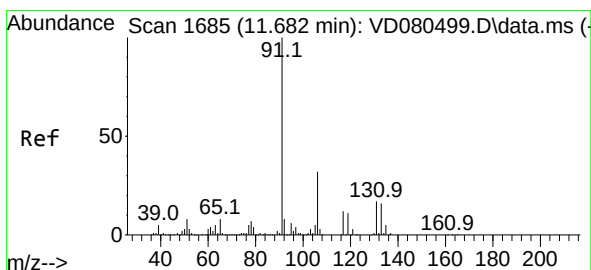
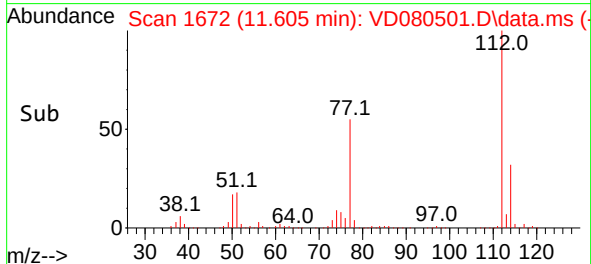
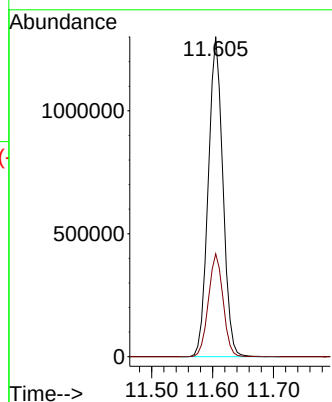
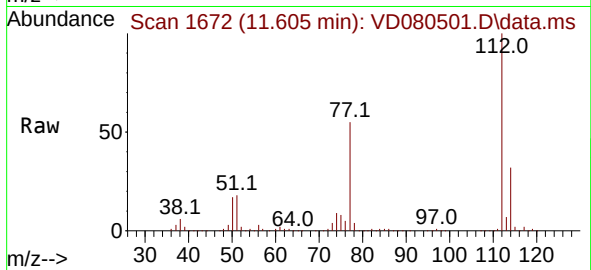
VSTDIC150

Tgt Ion:112 Resp: 2168764

Ion Ratio Lower Upper

112 100

114 32.1 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 161.376 ug/l

RT: 11.676 min Scan# 1684

Delta R.T. -0.006 min

Lab File: VD080501.D

Acq: 27 Aug 2025 12:22

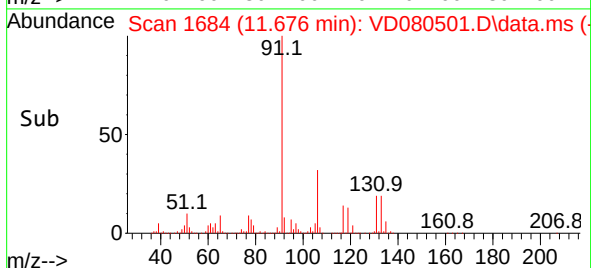
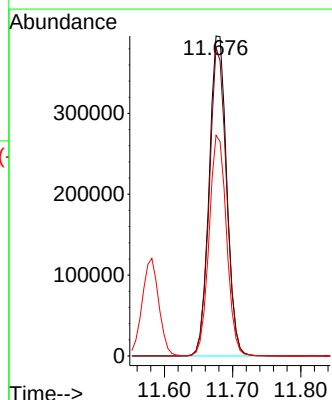
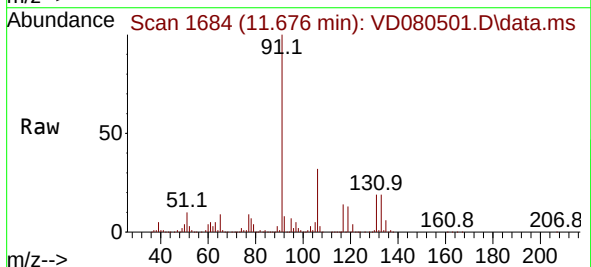
Tgt Ion:131 Resp: 709039

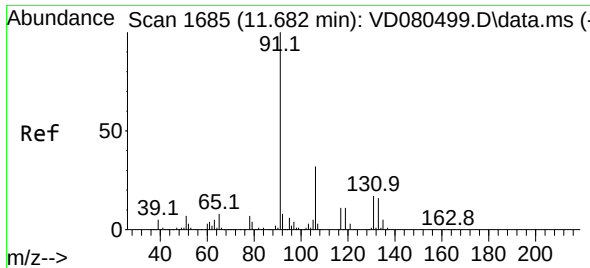
Ion Ratio Lower Upper

131 100

133 94.1 47.8 143.3

119 68.6 34.6 103.9

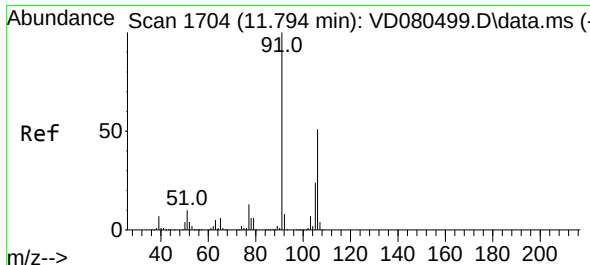
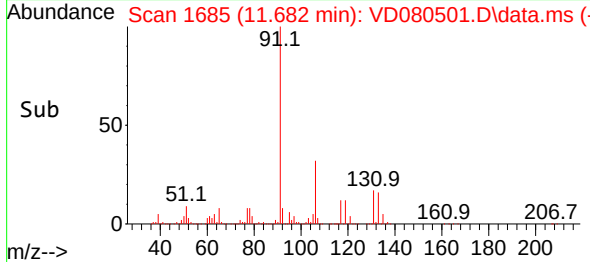
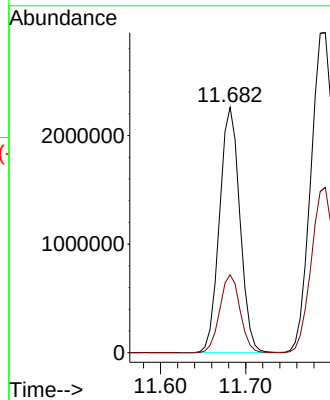
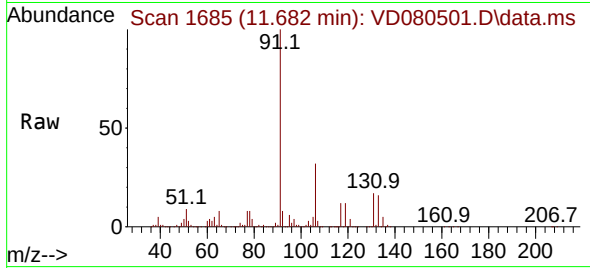




#67
Ethyl Benzene
Concen: 157.689 ug/l
RT: 11.682 min Scan# 11685
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

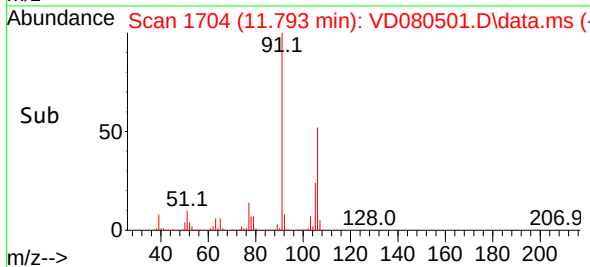
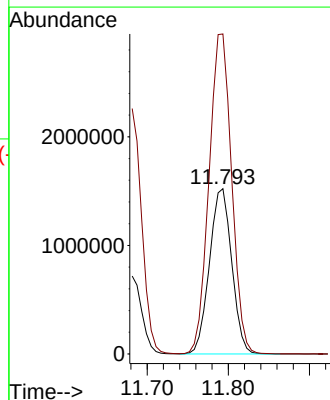
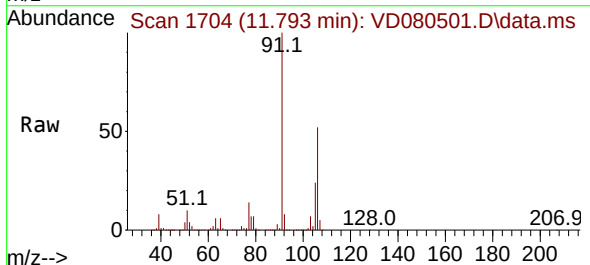
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

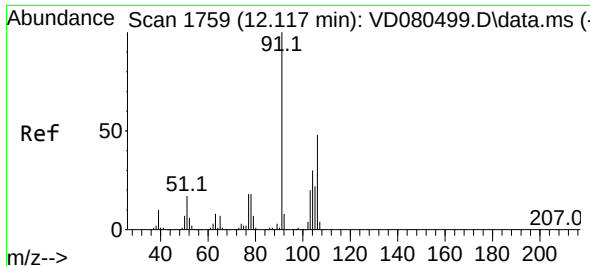
Tgt Ion: 91 Resp: 3759644
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0



#68
m/p-Xylenes
Concen: 315.697 ug/l
RT: 11.793 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion:106 Resp: 2898172
Ion Ratio Lower Upper
106 100
91 196.9 158.5 237.7

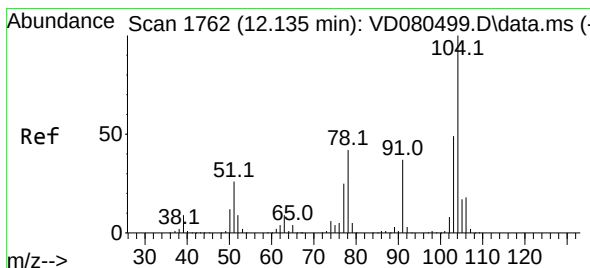
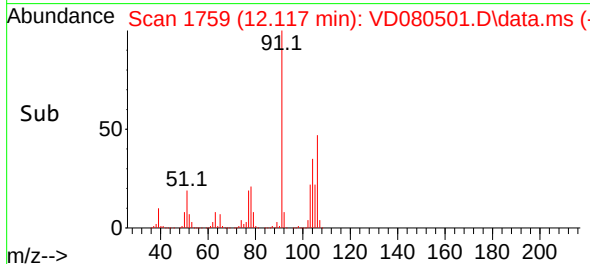
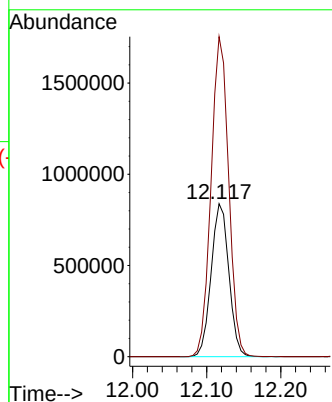
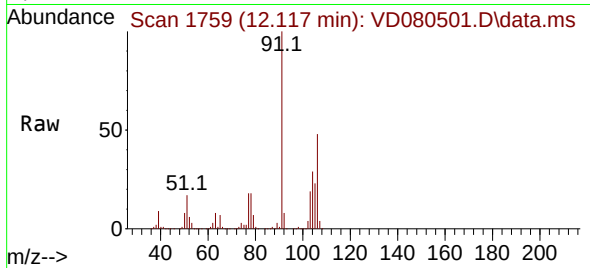




#69
o-Xylene
Concen: 158.713 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

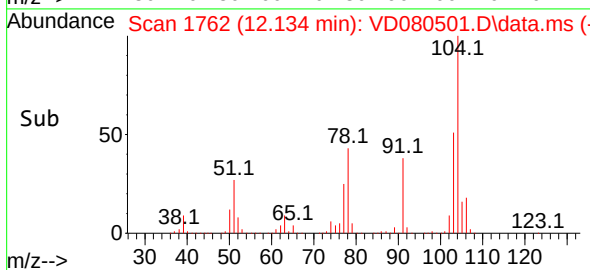
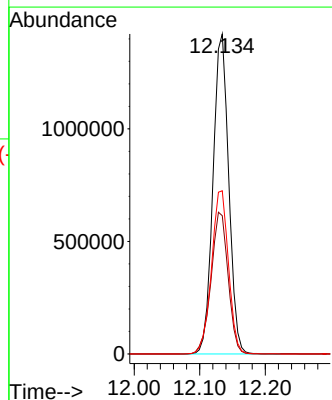
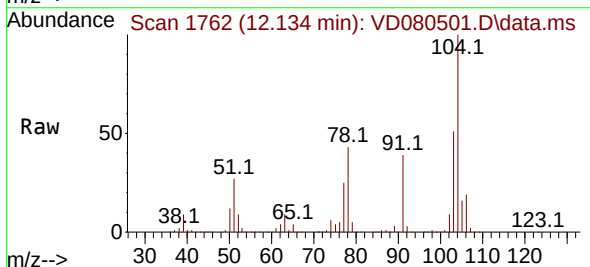
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

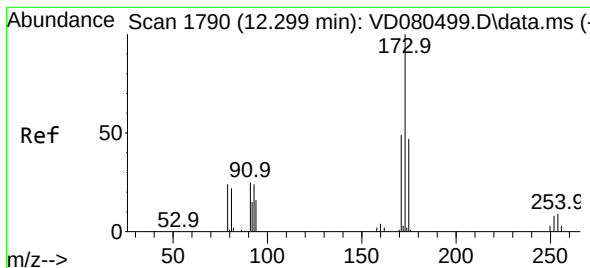
Tgt Ion:106 Resp: 1390404
Ion Ratio Lower Upper
106 100
91 208.2 105.3 315.8



#70
Styrene
Concen: 158.597 ug/l
RT: 12.134 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion:104 Resp: 2363636
Ion Ratio Lower Upper
104 100
78 48.0 37.9 56.9
103 55.1 43.5 65.3





#71

Bromoform

Concen: 162.532 ug/l

RT: 12.299 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VD080501.D

Acq: 27 Aug 2025 12:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

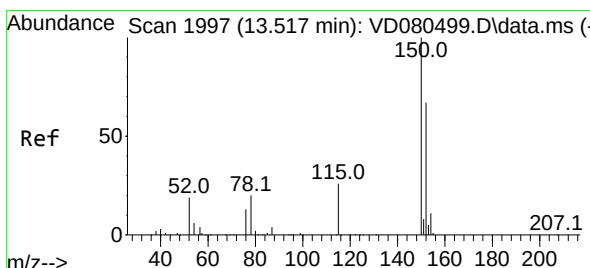
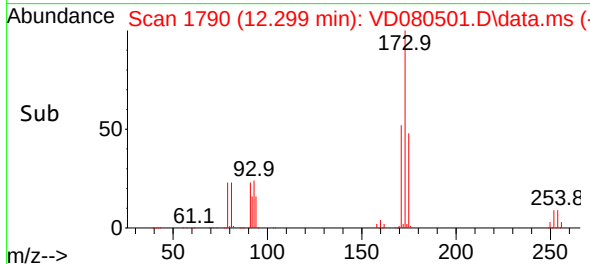
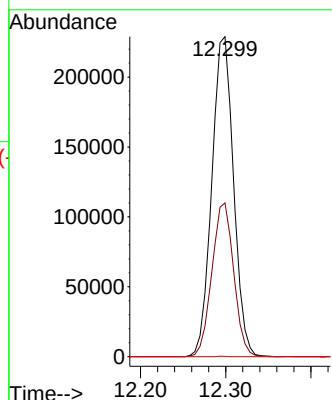
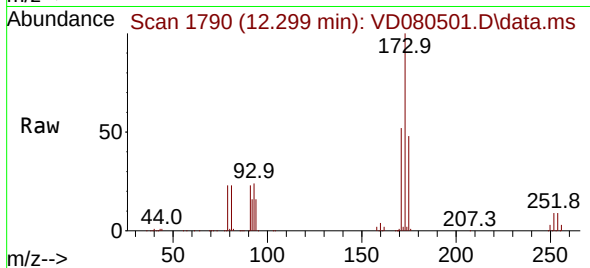
Tgt Ion:173 Resp: 405856

Ion Ratio Lower Upper

173 100

175 48.2 23.9 71.7

254 0.1 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: VD080501.D

Acq: 27 Aug 2025 12:22

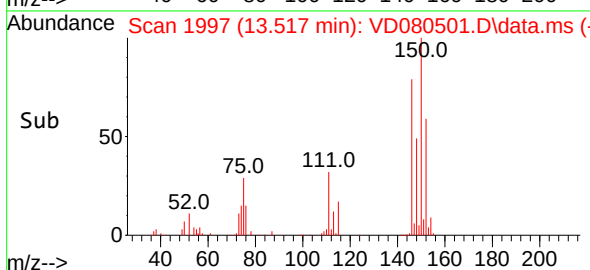
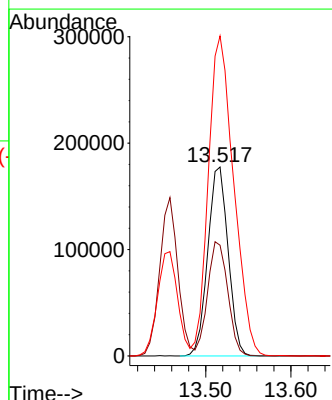
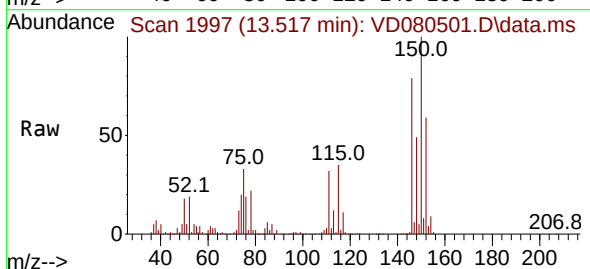
Tgt Ion:152 Resp: 295430

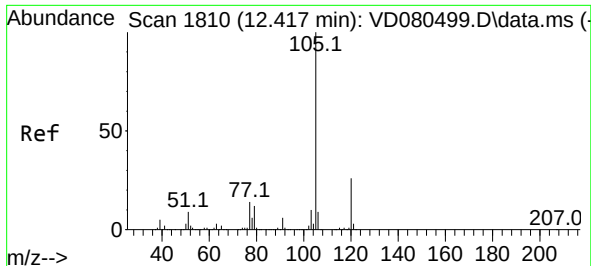
Ion Ratio Lower Upper

152 100

115 59.6 29.0 87.0

150 210.4 0.0 345.0

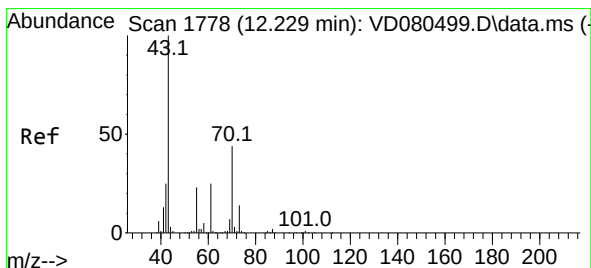
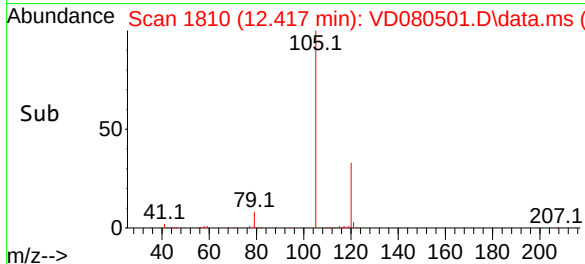
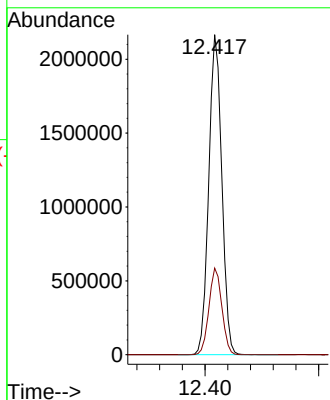
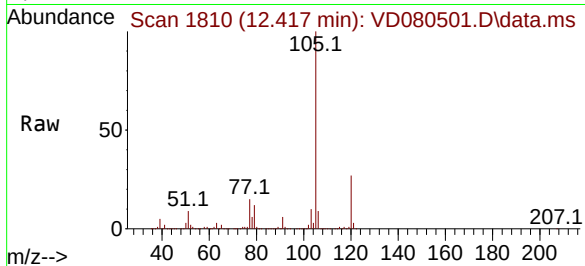




#73
Isopropylbenzene
Concen: 158.421 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

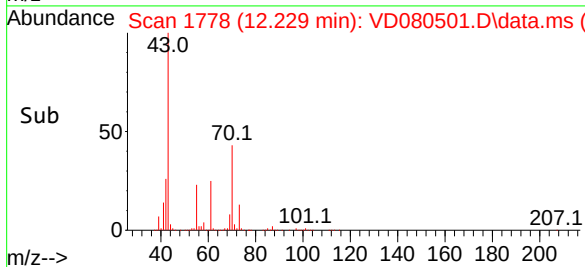
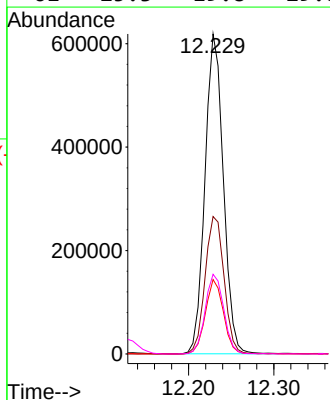
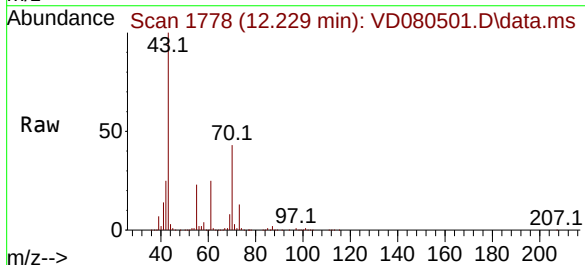
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

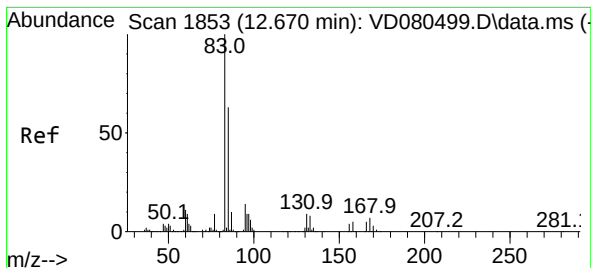
Tgt Ion:105 Resp: 3429059
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4



#74
N-ethyl acetate
Concen: 161.595 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 43 Resp: 928204
Ion Ratio Lower Upper
43 100
70 44.6 35.4 53.0
55 23.0 18.6 28.0
61 25.3 19.8 29.8

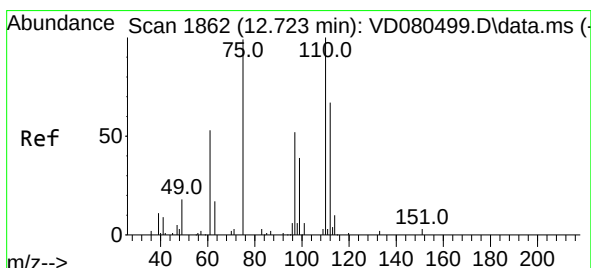
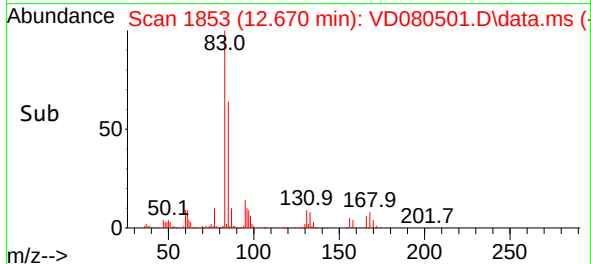
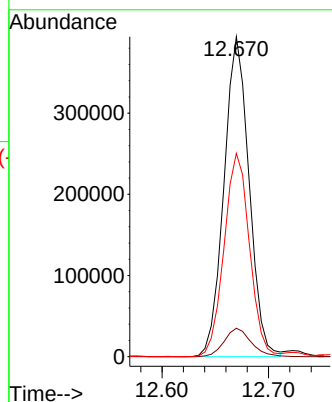
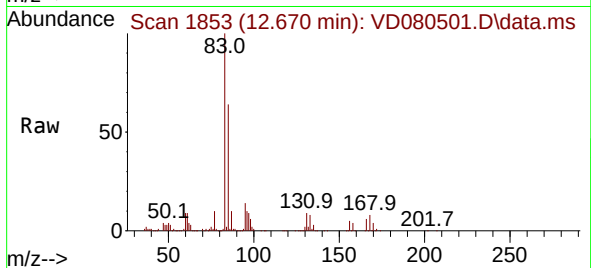




#75
1,1,2,2-Tetrachloroethane
Concen: 160.319 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

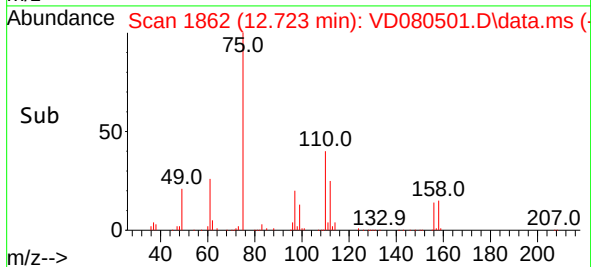
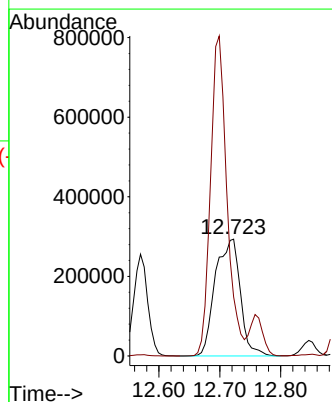
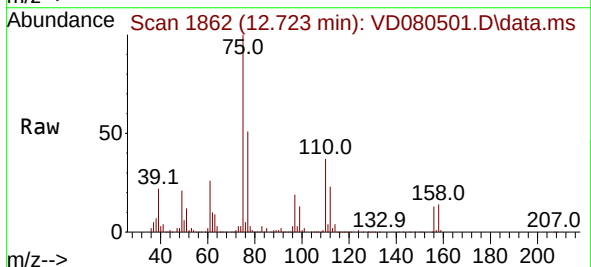
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

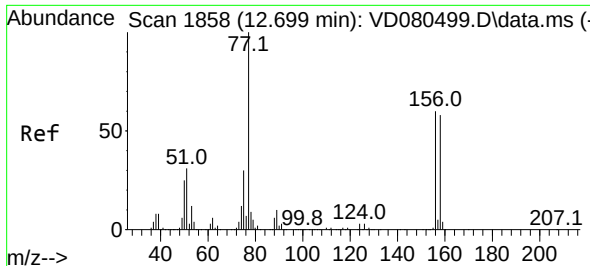
Tgt Ion: 83 Resp: 645165
Ion Ratio Lower Upper
83 100
131 9.6 5.0 15.0
85 64.2 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 347.746 ug/l
RT: 12.723 min Scan# 1862
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 75 Resp: 838486
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

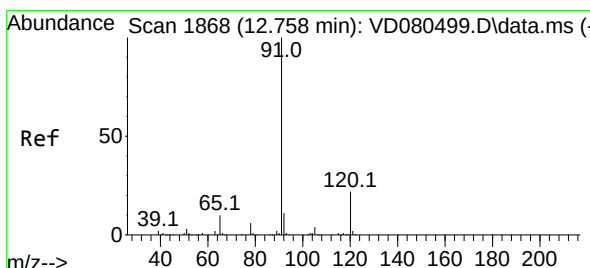
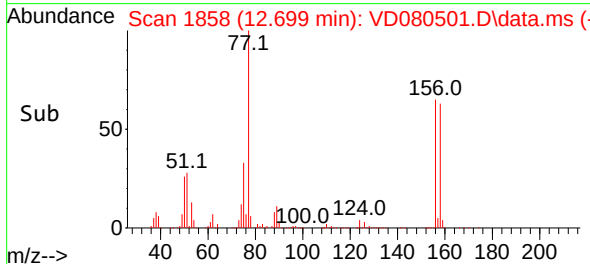
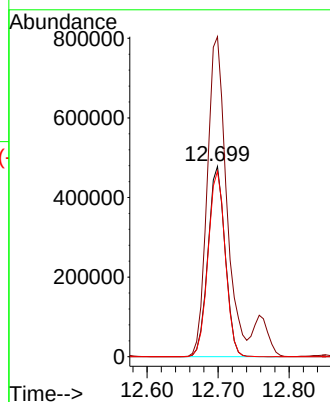
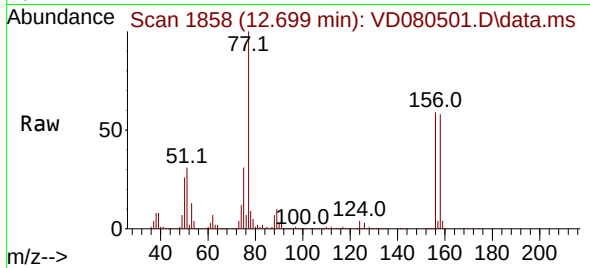




#77
Bromobenzene
Concen: 160.398 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

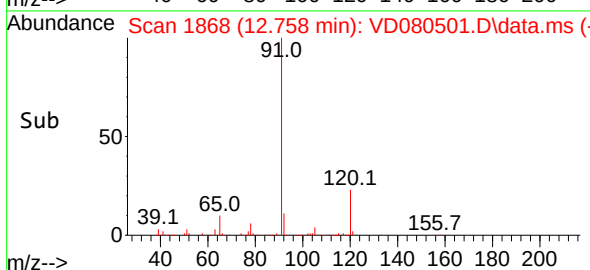
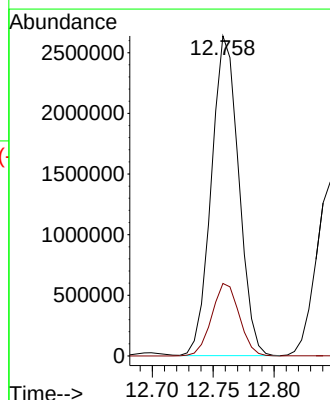
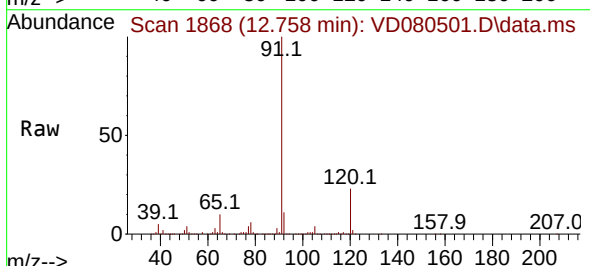
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

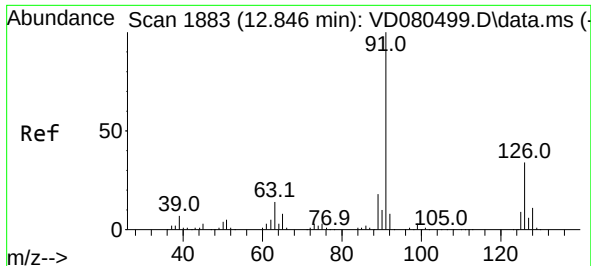
Tgt Ion:156 Resp: 803293
Ion Ratio Lower Upper
156 100
77 188.3 92.5 277.3
158 97.8 47.9 143.6



#78
n-propylbenzene
Concen: 156.871 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 91 Resp: 4123091
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.9

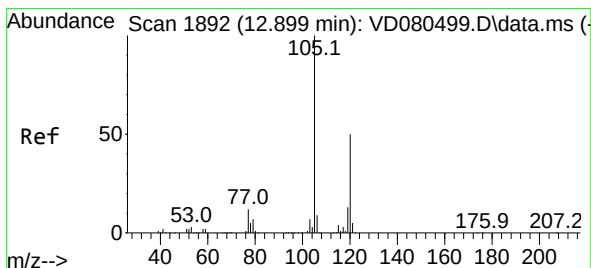
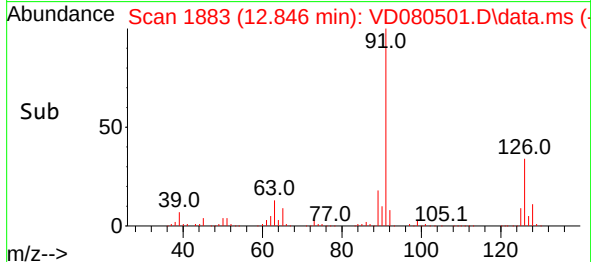
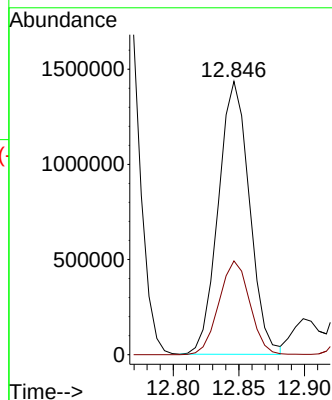
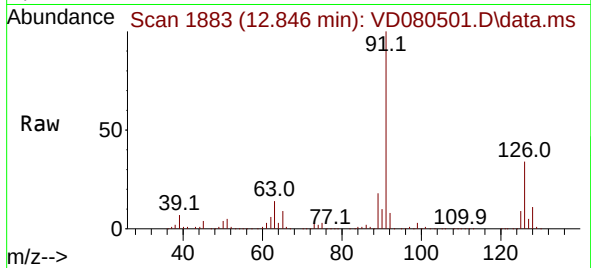




#79
2-Chlorotoluene
Concen: 158.502 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

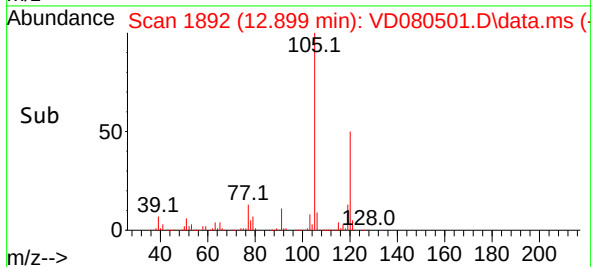
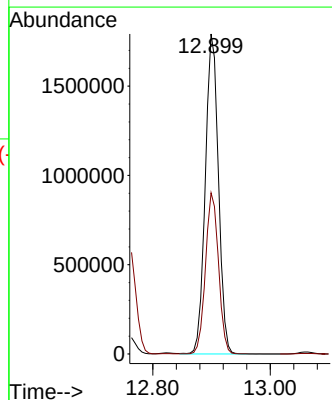
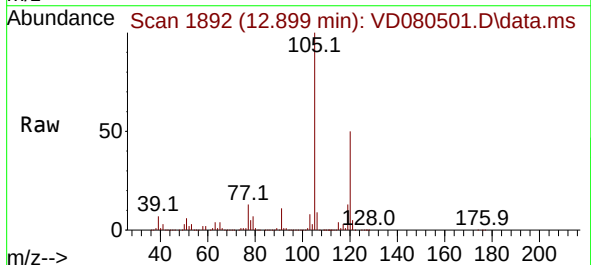
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

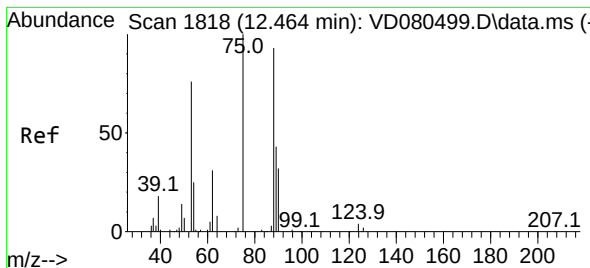
Tgt Ion: 91 Resp: 2373907
Ion Ratio Lower Upper
91 100
126 34.0 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 158.304 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 105 Resp: 2784366
Ion Ratio Lower Upper
105 100
120 50.0 24.7 74.1

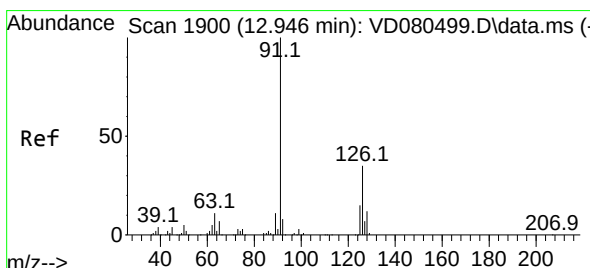
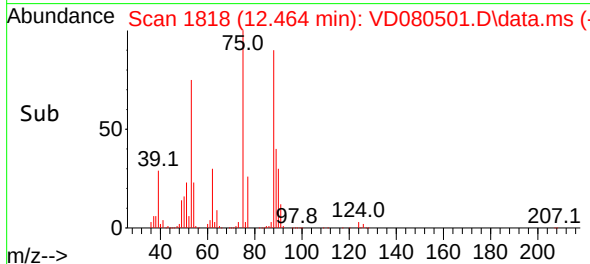
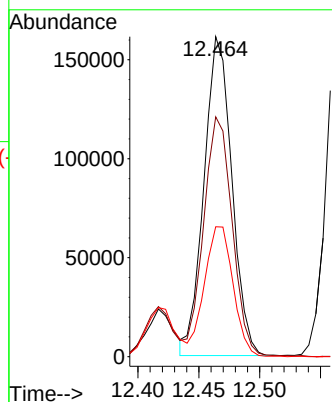
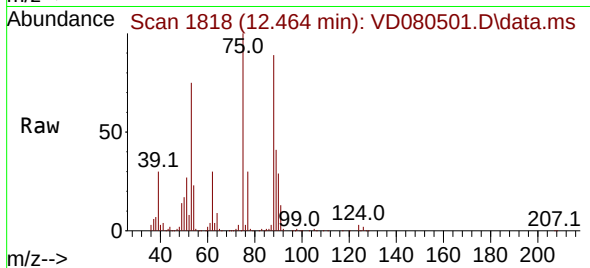




#81
trans-1,4-Dichloro-2-butene
Concen: 161.609 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

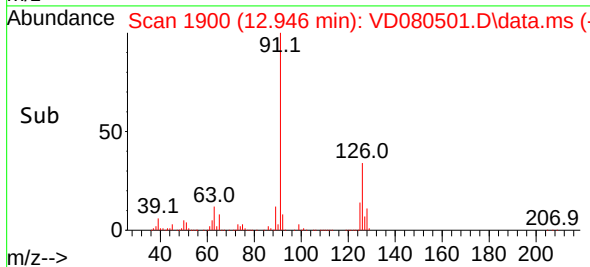
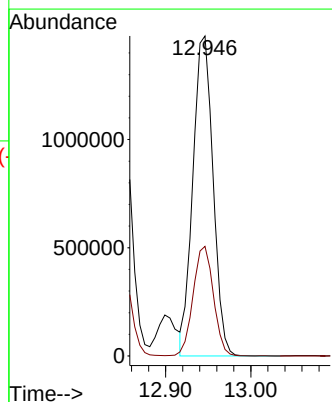
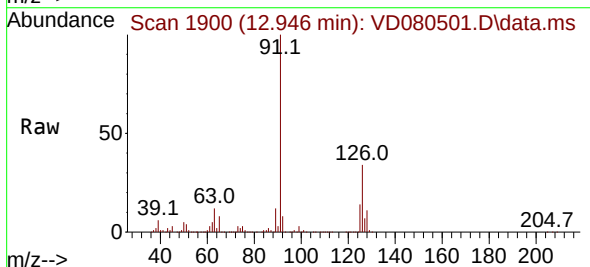
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

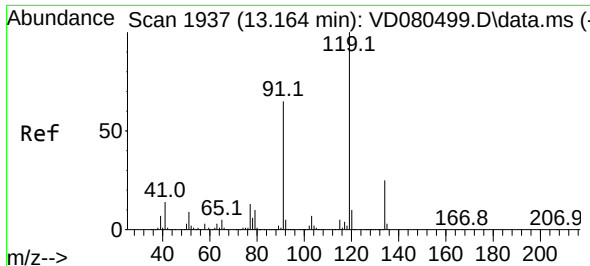
Tgt Ion: 75 Resp: 256735
Ion Ratio Lower Upper
75 100
53 78.1 61.9 92.9
89 42.1 34.6 52.0



#82
4-Chlorotoluene
Concen: 157.507 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 91 Resp: 2426456
Ion Ratio Lower Upper
91 100
126 34.5 16.9 50.7

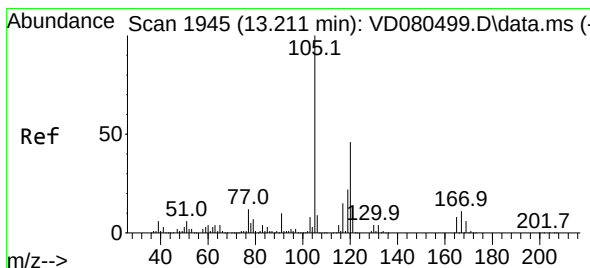
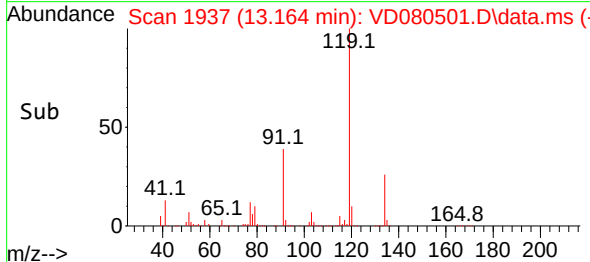
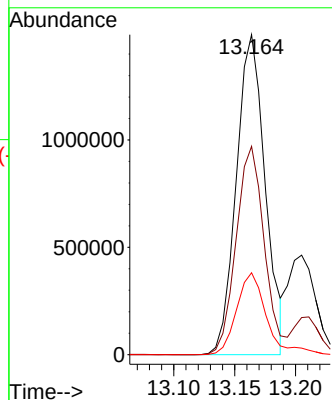
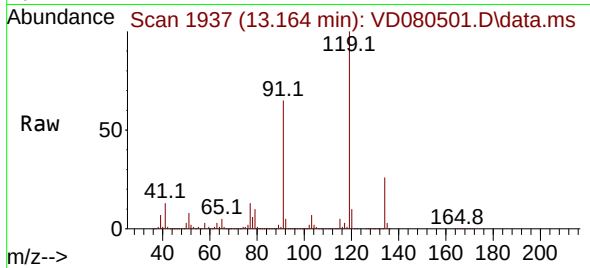




#83
tert-Butylbenzene
Concen: 160.782 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

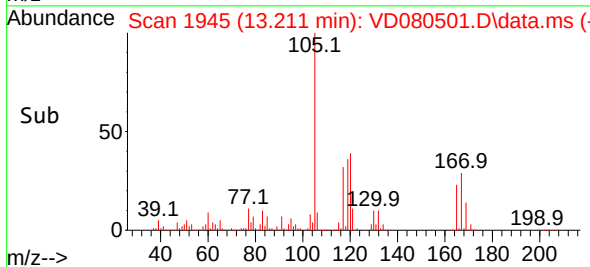
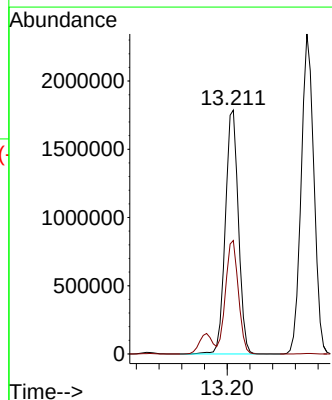
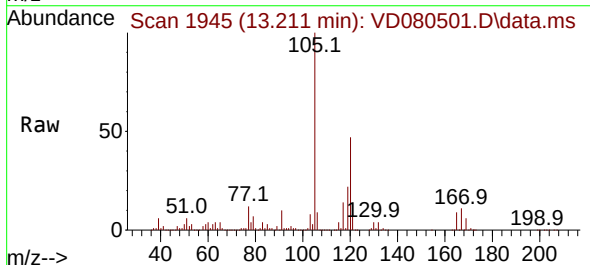
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

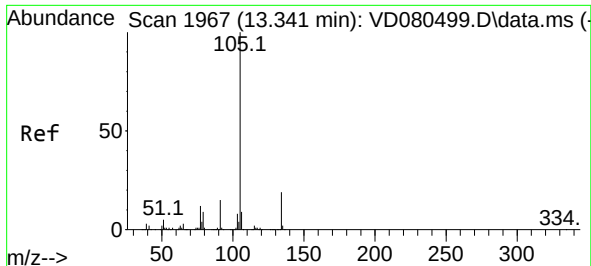
Tgt Ion:119 Resp: 2453592
Ion Ratio Lower Upper
119 100
91 64.0 32.0 96.0
134 26.6 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 161.679 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion:105 Resp: 2863340
Ion Ratio Lower Upper
105 100
120 45.6 22.5 67.5

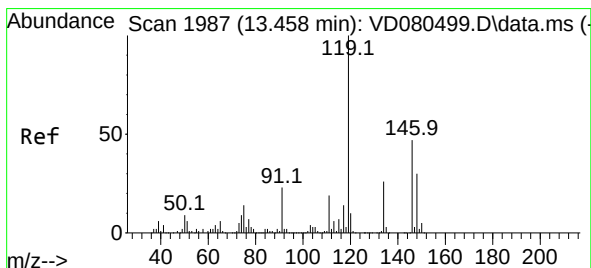
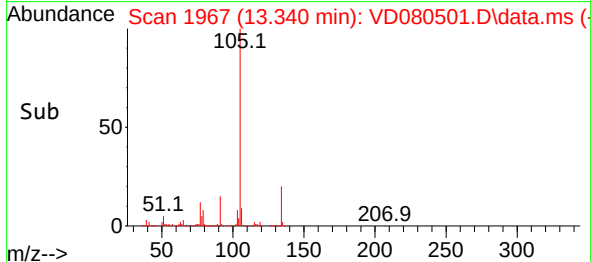
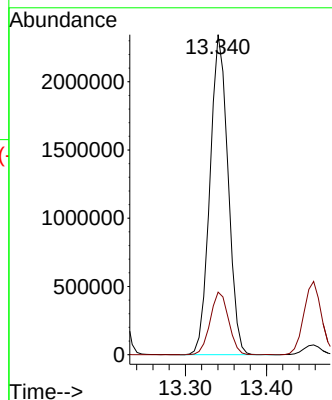
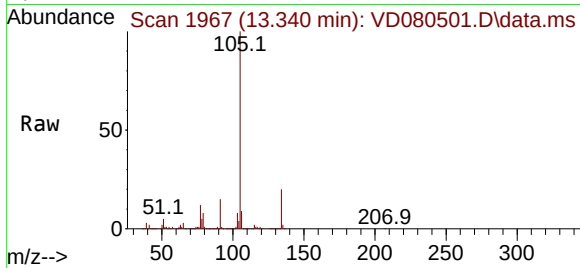




#85
 sec-Butylbenzene
 Concen: 158.982 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. -0.000 min
 Lab File: VD080501.D
 Acq: 27 Aug 2025 12:22

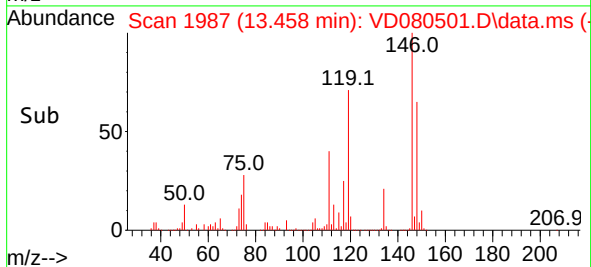
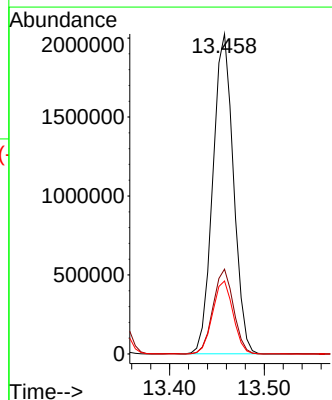
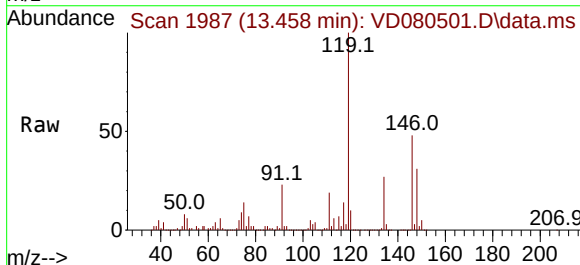
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

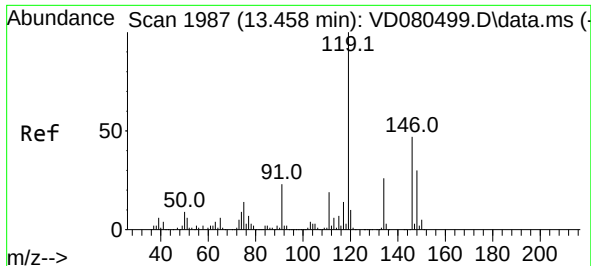
Tgt Ion:105 Resp: 3620961
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 160.674 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080501.D
 Acq: 27 Aug 2025 12:22

Tgt Ion:119 Resp: 3061175
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 22.7 11.2 33.5

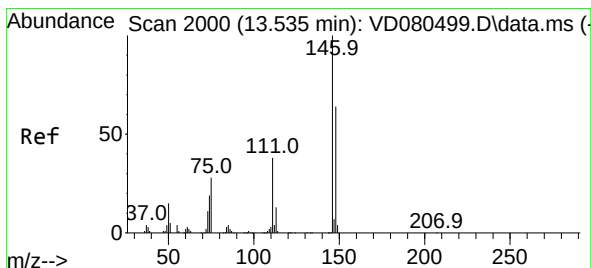
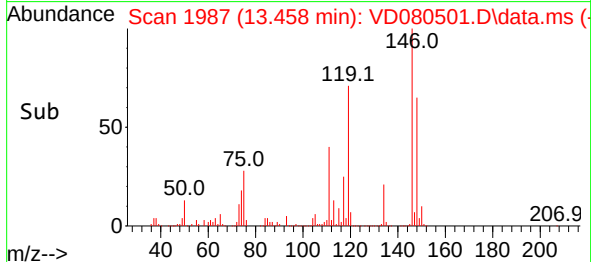
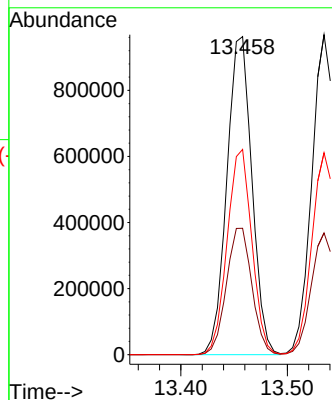
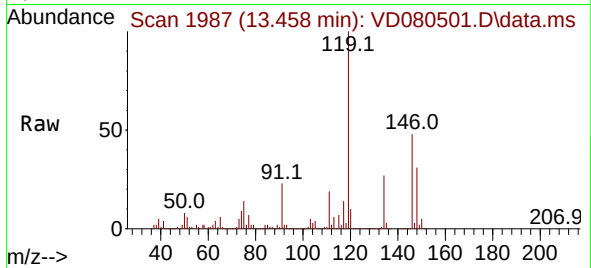




#87
 1,3-Dichlorobenzene
 Concen: 162.940 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080501.D
 Acq: 27 Aug 2025 12:22

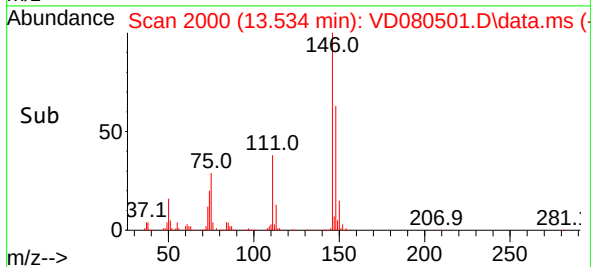
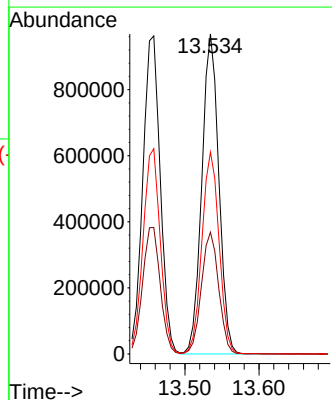
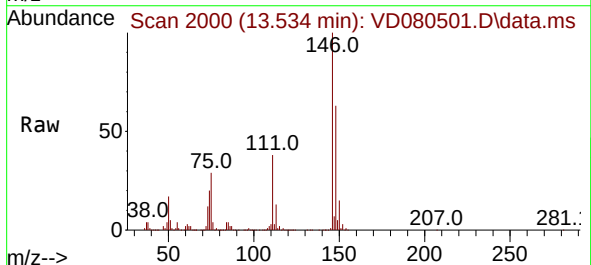
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

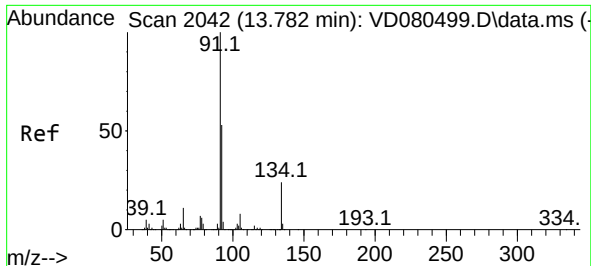
Tgt Ion:146 Resp: 1573366
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.9 59.6
 148 63.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 159.097 ug/l
 RT: 13.534 min Scan# 2000
 Delta R.T. -0.000 min
 Lab File: VD080501.D
 Acq: 27 Aug 2025 12:22

Tgt Ion:146 Resp: 1542627
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.4 58.1
 148 63.7 32.1 96.5

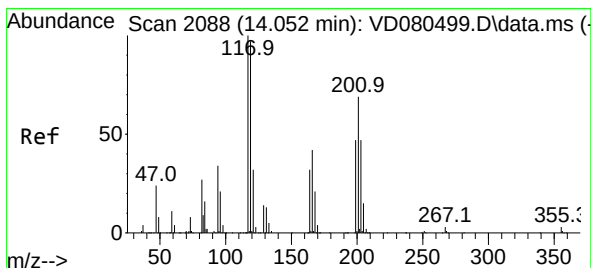
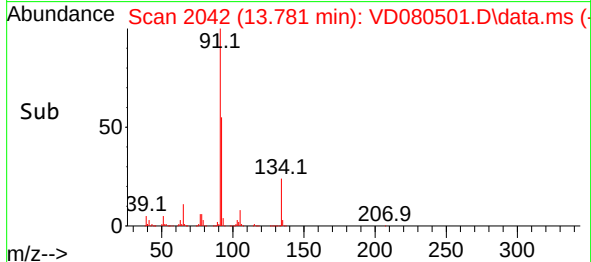
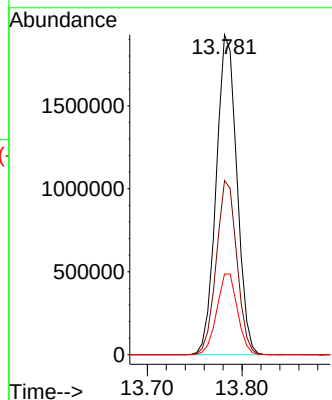
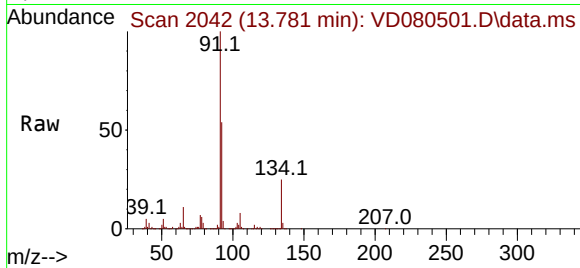




#89
n-Butylbenzene
Concen: 161.202 ug/l
RT: 13.781 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

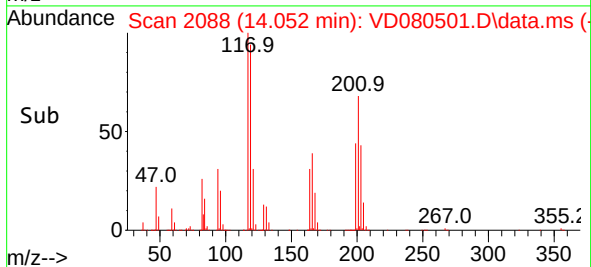
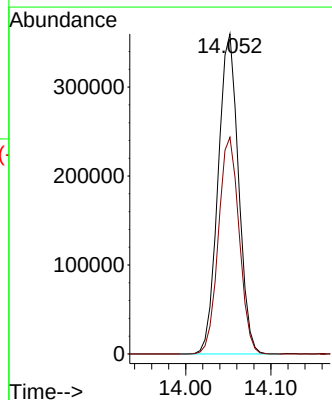
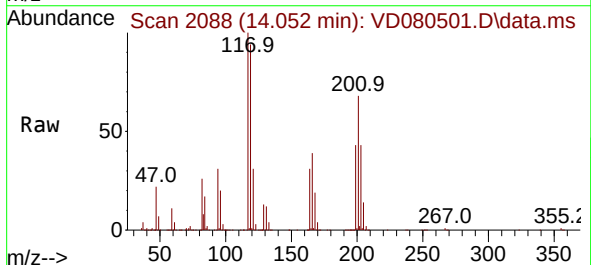
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

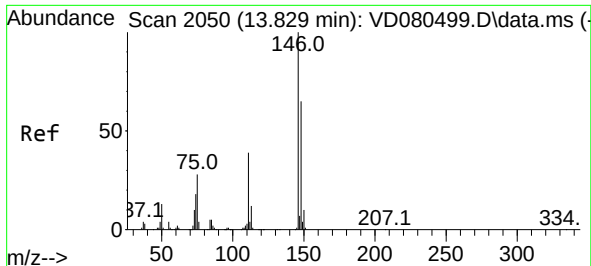
Tgt Ion: 91 Resp: 2925691
Ion Ratio Lower Upper
91 100
92 54.0 26.6 79.8
134 25.4 12.4 37.2



#90
Hexachloroethane
Concen: 162.613 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 117 Resp: 599253
Ion Ratio Lower Upper
117 100
201 68.7 34.6 103.8

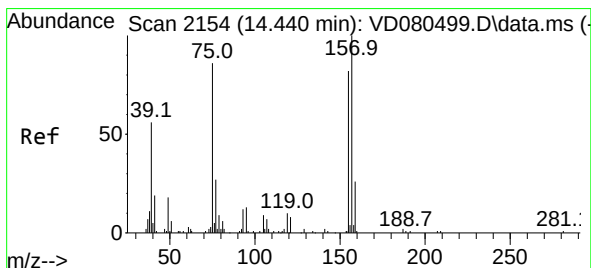
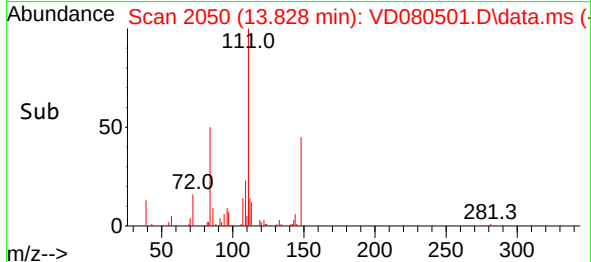
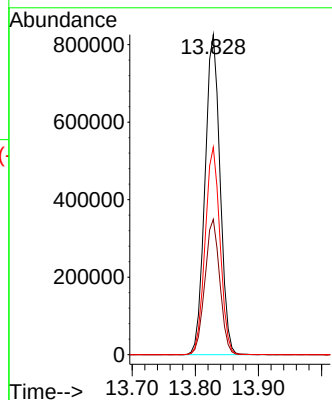
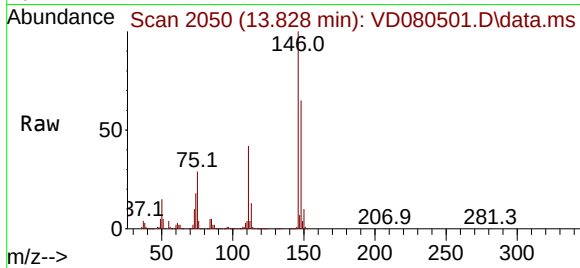




#91
1,2-Dichlorobenzene
Concen: 159.244 ug/l
RT: 13.828 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

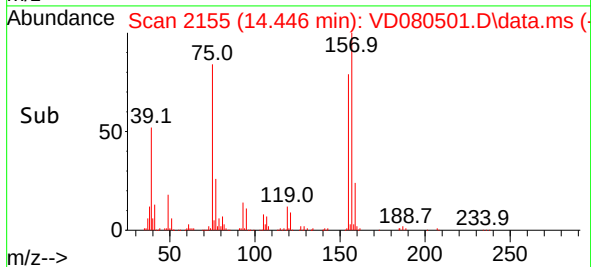
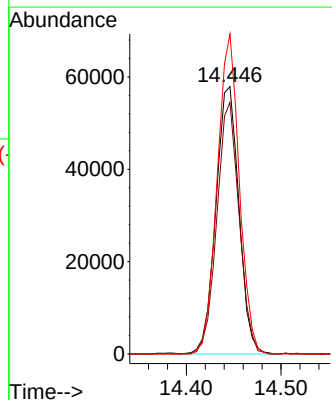
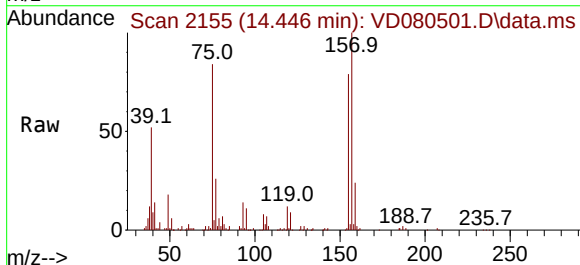
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

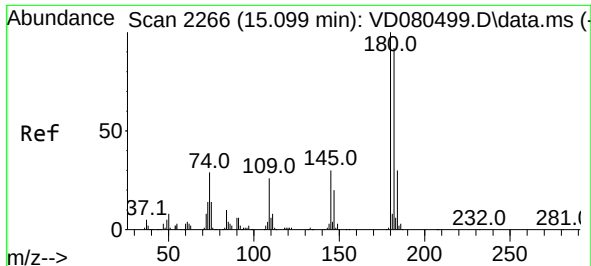
Tgt Ion:146 Resp: 1368366
Ion Ratio Lower Upper
146 100
111 42.0 20.7 62.1
148 64.1 31.5 94.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 162.139 ug/l
RT: 14.446 min Scan# 2155
Delta R.T. 0.006 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion: 75 Resp: 97918
Ion Ratio Lower Upper
75 100
155 91.0 47.5 142.6
157 114.6 56.8 170.3

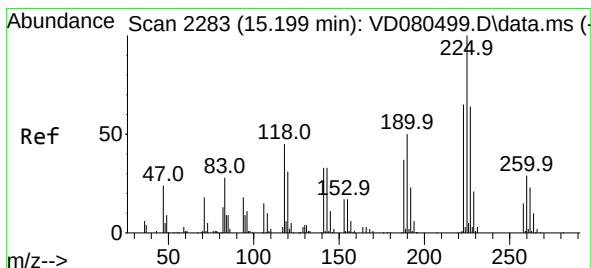
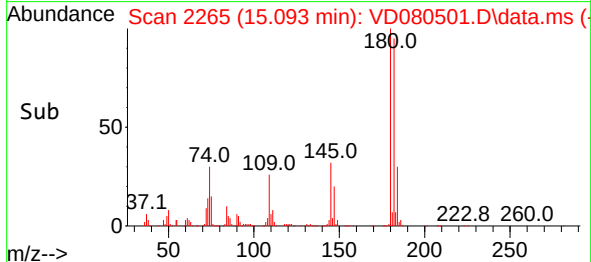
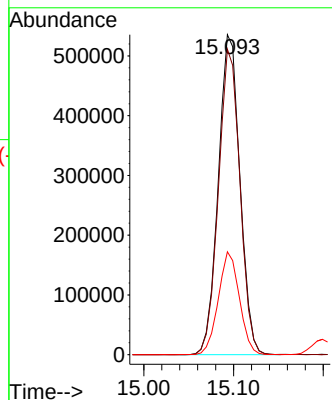
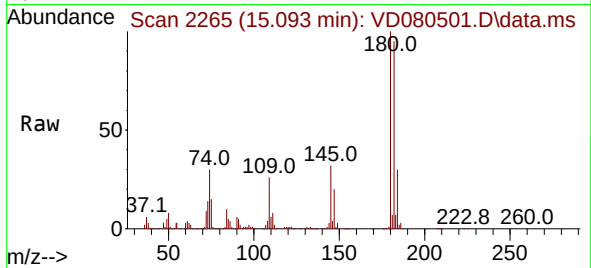




#93
1,2,4-Trichlorobenzene
Concen: 166.451 ug/l
RT: 15.093 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

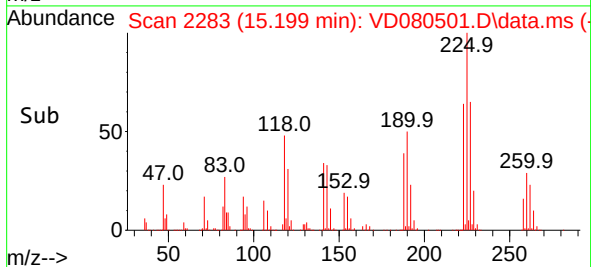
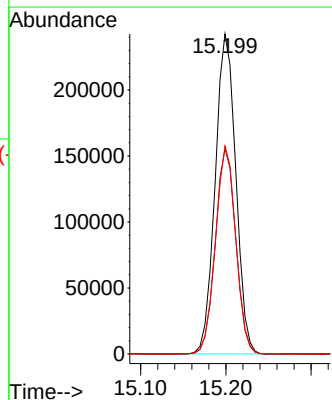
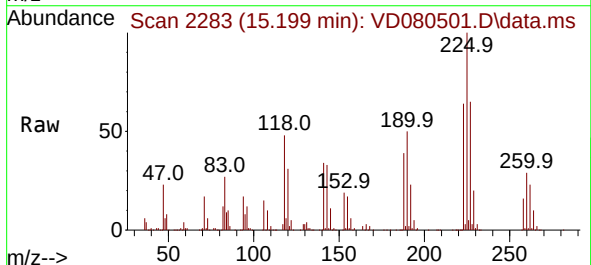
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

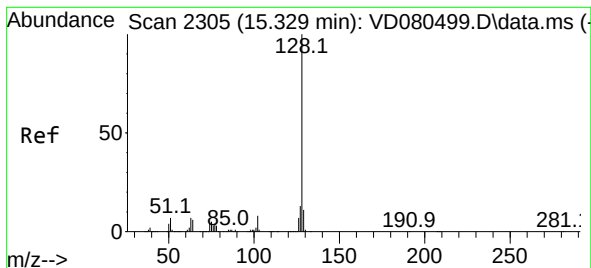
Tgt Ion:180 Resp: 896121
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.5
145 31.4 15.7 47.0



#94
Hexachlorobutadiene
Concen: 166.729 ug/l
RT: 15.199 min Scan# 2283
Delta R.T. -0.000 min
Lab File: VD080501.D
Acq: 27 Aug 2025 12:22

Tgt Ion:225 Resp: 407981
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.7
227 63.8 32.0 96.2





#95

Naphthalene

Concen: 165.172 ug/l

RT: 15.328 min Scan# 2305

Delta R.T. -0.000 min

Lab File: VD080501.D

Acq: 27 Aug 2025 12:22

Instrument :

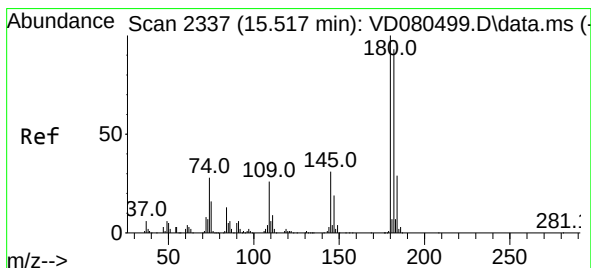
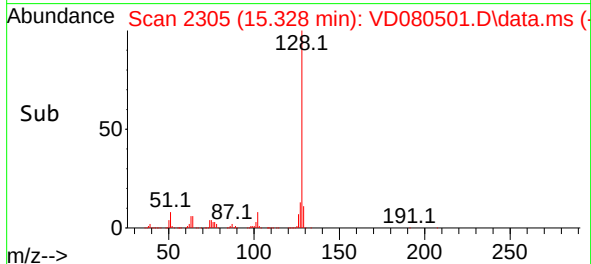
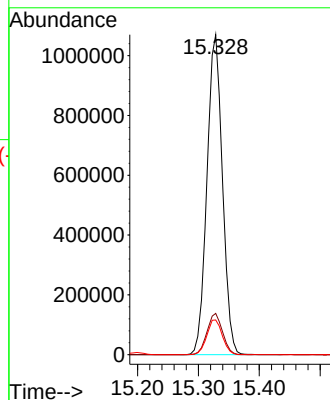
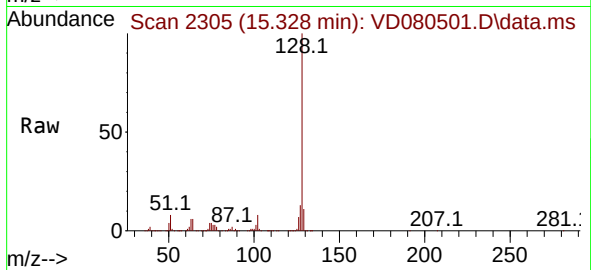
MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion:128 Resp: 1891624

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	10.9	9.0	13.6



#96

1,2,3-Trichlorobenzene

Concen: 169.477 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD080501.D

Acq: 27 Aug 2025 12:22

Tgt Ion:180 Resp: 781067

Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.5	142.5
145	33.1	16.2	48.5

