

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051325\
 Data File : VD080302.D
 Acq On : 13 May 2025 15:11
 Operator : RP/MD
 Sample : VD0513SBS01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS01

Quant Time: May 14 01:34:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	95179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	167070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	165085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.511	152	90120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	66911	54.363	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.720%	
35) Dibromofluoromethane	7.806	113	62619	55.922	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.840%	
50) Toluene-d8	10.270	98	235244	53.319	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.640%	
62) 4-Bromofluorobenzene	12.570	95	74591	52.673	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.340%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.935	85	23337	24.909	ug/l	99
3) Chloromethane	2.147	50	45218	25.183	ug/l	92
4) Vinyl Chloride	2.276	62	56543	22.852	ug/l	98
5) Bromomethane	2.676	94	43226	24.269	ug/l	95
6) Chloroethane	2.824	64	42360	24.213	ug/l	98
7) Trichlorofluoromethane	3.165	101	42584	22.445	ug/l	97
8) Diethyl Ether	3.594	74	13468	22.996	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.953	101	24230	20.727	ug/l	95
10) Methyl Iodide	4.159	142	20213	16.962	ug/l	99
11) Tert butyl alcohol	5.082	59	8070	108.050	ug/l #	94
12) 1,1-Dichloroethene	3.929	96	24008	20.832	ug/l	100
13) Acrolein	3.794	56	9337	71.051	ug/l	91
14) Allyl chloride	4.553	41	34815	19.208	ug/l	97
15) Acrylonitrile	5.247	53	29245	103.866	ug/l	95
16) Acetone	4.029	43	23985	118.974	ug/l	91
17) Carbon Disulfide	4.265	76	85034	21.248	ug/l	99
18) Methyl Acetate	4.565	43	24180	30.360	ug/l	98
19) Methyl tert-butyl Ether	5.323	73	53414	21.097	ug/l	98
20) Methylene Chloride	4.800	84	33361	23.339	ug/l	94
21) trans-1,2-Dichloroethene	5.300	96	26957	21.531	ug/l	98
22) Diisopropyl ether	6.217	45	80595	21.586	ug/l	95
23) Vinyl Acetate	6.159	43	205021	94.280	ug/l	100
24) 1,1-Dichloroethane	6.112	63	51495	21.918	ug/l	99
25) 2-Butanone	7.082	43	34920	103.114	ug/l	95
26) 2,2-Dichloropropane	7.070	77	36983	19.782	ug/l	99
27) cis-1,2-Dichloroethene	7.088	96	31112	22.429	ug/l	95
28) Bromochloromethane	7.417	49	23472	21.457	ug/l #	91
29) Tetrahydrofuran	7.447	42	23907	108.270	ug/l	95
30) Chloroform	7.600	83	53072	22.652	ug/l	99
31) Cyclohexane	7.876	56	36175	18.091	ug/l	92
32) 1,1,1-Trichloroethane	7.788	97	41419	21.668	ug/l	96
36) 1,1-Dichloropropene	8.000	75	33188	19.831	ug/l	98
37) Ethyl Acetate	7.170	43	17332	19.806	ug/l	99
38) Carbon Tetrachloride	7.988	117	35923	20.583	ug/l	93
39) Methylcyclohexane	9.270	83	32932	16.958	ug/l	96
40) Benzene	8.247	78	109944	20.967	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	9706	20.042	ug/l #	86
42) 1,2-Dichloroethane	8.323	62	34125	22.459	ug/l	99
43) Isopropyl Acetate	8.364	43	31531	19.870	ug/l	98
44) Trichloroethene	9.029	130	24940	20.489	ug/l	98
45) 1,2-Dichloropropane	9.306	63	28910	21.497	ug/l	97
46) Dibromomethane	9.388	93	16593	22.662	ug/l	98
47) Bromodichloromethane	9.582	83	40658	21.877	ug/l	92
48) Methyl methacrylate	9.382	41	14631	19.405	ug/l #	90
49) 1,4-Dioxane	9.382	88	4066	467.077	ug/l	96
51) 4-Methyl-2-Pentanone	10.158	43	83285	101.861	ug/l	96
52) Toluene	10.329	92	67492	21.365	ug/l	98
53) t-1,3-Dichloropropene	10.553	75	34842	20.565	ug/l	95
54) cis-1,3-Dichloropropene	10.017	75	41752	21.266	ug/l	99
55) 1,1,2-Trichloroethane	10.729	97	21903	22.615	ug/l	98
56) Ethyl methacrylate	10.594	69	23392	19.932	ug/l #	91
57) 1,3-Dichloropropane	10.876	76	35467	22.034	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.870	63	46831	97.505	ug/l	100
59) 2-Hexanone	10.917	43	57232	101.755	ug/l	96
60) Dibromochloromethane	11.070	129	27893	22.981	ug/l	99
61) 1,2-Dibromoethane	11.176	107	19777	22.021	ug/l	98
64) Tetrachloroethene	10.805	164	22019	19.696	ug/l	90
65) Chlorobenzene	11.605	112	76220	20.448	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.682	131	26522	20.710	ug/l	97
67) Ethyl Benzene	11.682	91	115755	18.583	ug/l	96
68) m/p-Xylenes	11.788	106	95694	39.564	ug/l	96
69) o-Xylene	12.123	106	41736	18.884	ug/l	97
70) Styrene	12.135	104	79240	19.966	ug/l	98
71) Bromoform	12.294	173	16840	22.133	ug/l #	96
73) Isopropylbenzene	12.417	105	102601	17.551	ug/l	99
74) N-amyl acetate	12.229	43	27996	16.686	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.670	83	27110	21.088	ug/l	96
76) 1,2,3-Trichloropropane	12.723	75	32268	37.099	ug/l #	100
77) Bromobenzene	12.699	156	29682	19.574	ug/l	96
78) n-propylbenzene	12.758	91	134576	18.344	ug/l	100
79) 2-Chlorotoluene	12.847	91	81739	19.155	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	95239	19.101	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.464	75	8774	19.148	ug/l	96
82) 4-Chlorotoluene	12.946	91	90753	19.702	ug/l	98
83) tert-Butylbenzene	13.164	119	74591	17.927	ug/l	98
84) 1,2,4-Trimethylbenzene	13.211	105	97028	19.019	ug/l	99
85) sec-Butylbenzene	13.341	105	114737	17.882	ug/l	99
86) p-Isopropyltoluene	13.458	119	96213	17.842	ug/l	100
87) 1,3-Dichlorobenzene	13.452	146	62356	19.718	ug/l	98
88) 1,4-Dichlorobenzene	13.535	146	64239	20.150	ug/l	99
89) n-Butylbenzene	13.782	91	92984	17.763	ug/l	96
90) Hexachloroethane	14.046	117	22853	19.153	ug/l	98
91) 1,2-Dichlorobenzene	13.823	146	54580	19.868	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.446	75	3800	18.547	ug/l	96
93) 1,2,4-Trichlorobenzene	15.093	180	32678	18.915	ug/l	99
94) Hexachlorobutadiene	15.199	225	16228	18.055	ug/l	96
95) Naphthalene	15.329	128	59025	18.196	ug/l	98
96) 1,2,3-Trichlorobenzene	15.517	180	29406	19.031	ug/l	97

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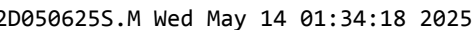
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MSVOA_D
ClientSampleId :
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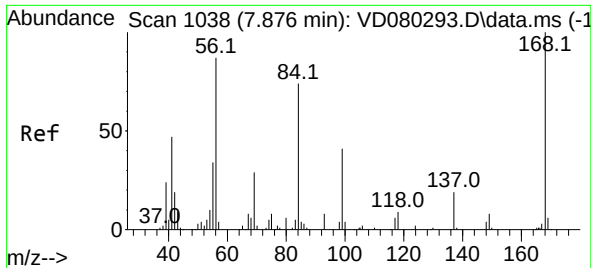
Quant Time: May 14 01:34:07 2025
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Quant Title : SW846 8260
QLast Update : Wed May 07 08:57:11 2025
Response via : Initial Calibration

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

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Quant Title : SW846 8260
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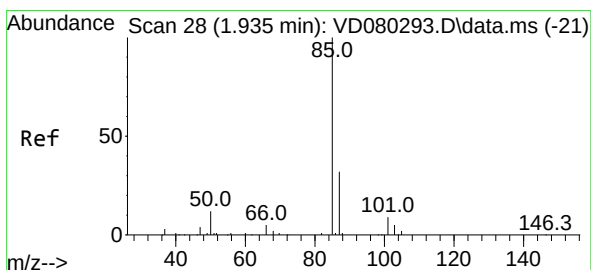
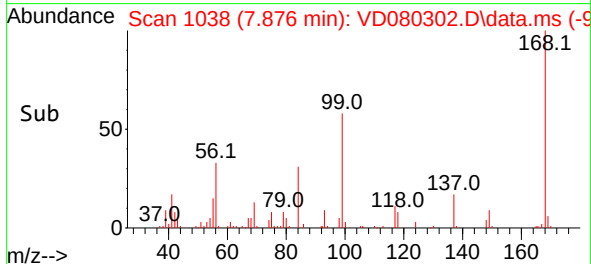
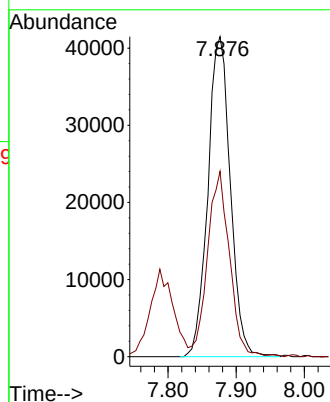
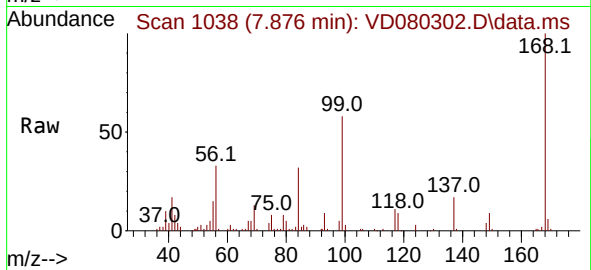




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

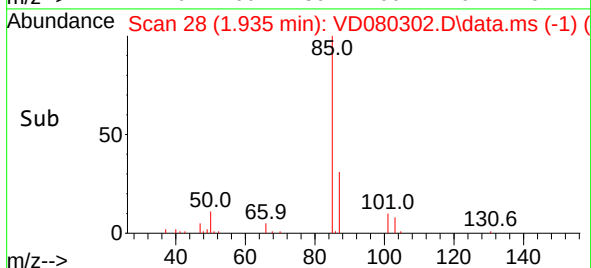
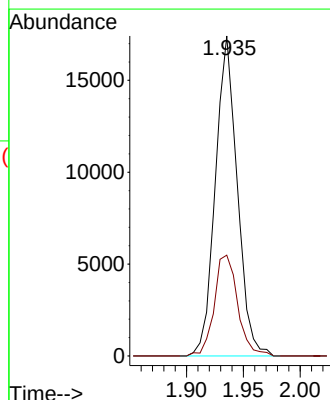
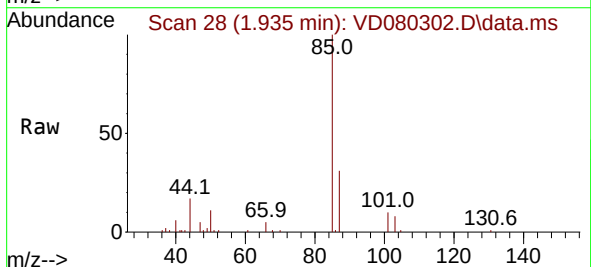
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

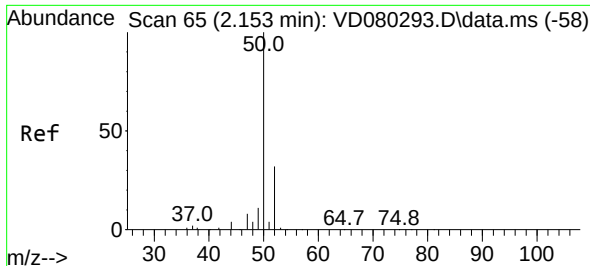
Tgt Ion:168 Resp: 95179
Ion Ratio Lower Upper
168 100
99 57.6 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 24.909 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.001 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Tgt Ion: 85 Resp: 23337
Ion Ratio Lower Upper
85 100
87 31.5 16.1 48.2

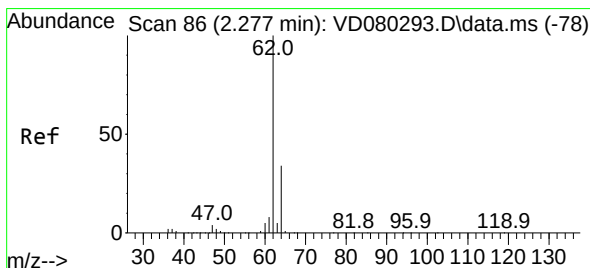
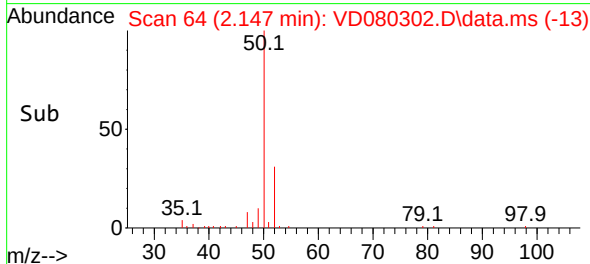
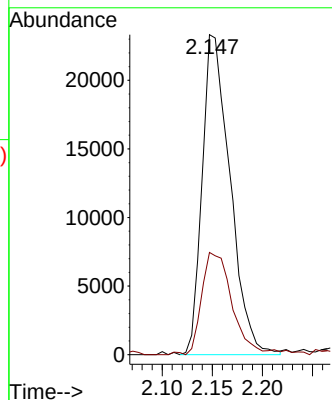
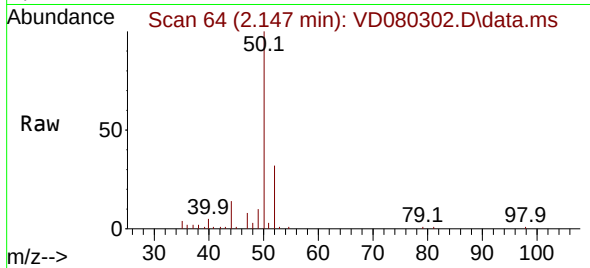




#3
Chloromethane
Concen: 25.183 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.001 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

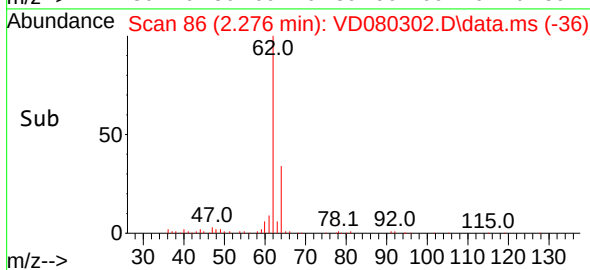
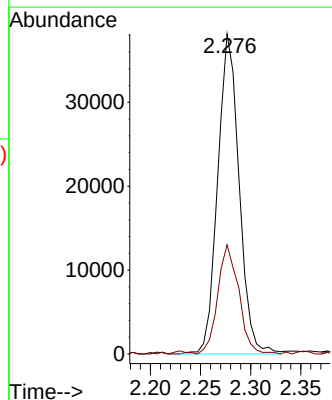
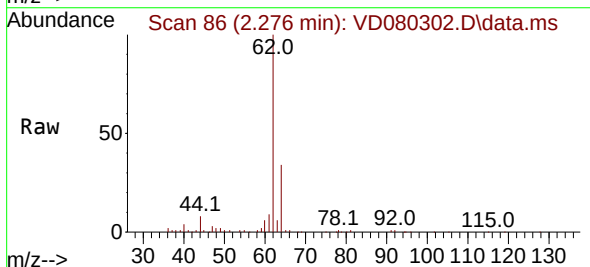
Instrument :
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ClientSampleId :
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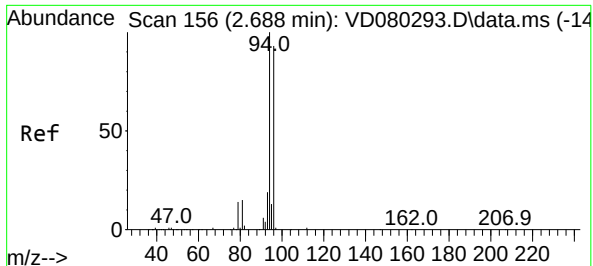
Tgt Ion: 50 Resp: 45218
Ion Ratio Lower Upper
50 100
52 31.3 28.8 43.2



#4
Vinyl Chloride
Concen: 22.852 ug/l
RT: 2.276 min Scan# 86
Delta R.T. -0.005 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Tgt Ion: 62 Resp: 56543
Ion Ratio Lower Upper
62 100
64 34.1 26.5 39.7

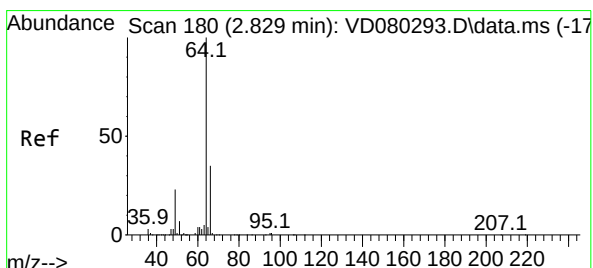
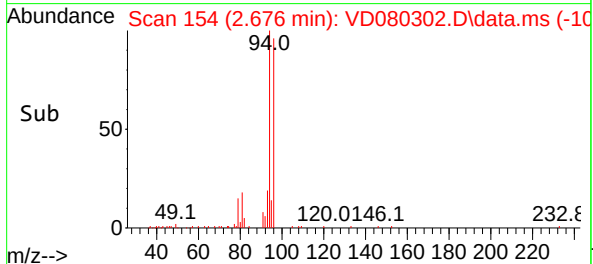
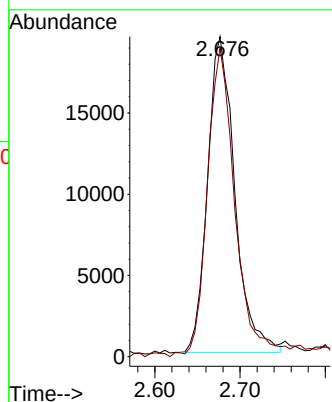
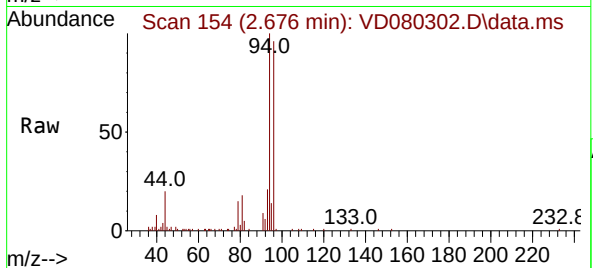




#5
Bromomethane
Concen: 24.269 ug/l
RT: 2.676 min Scan# 11
Delta R.T. -0.017 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

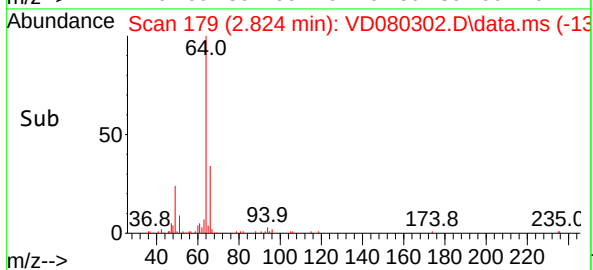
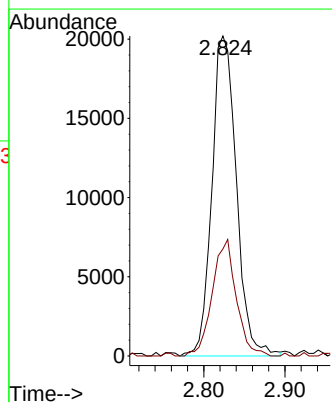
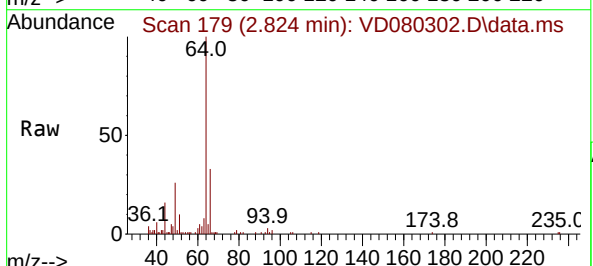
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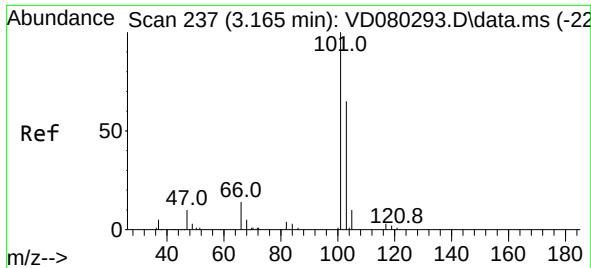
Tgt Ion: 94 Resp: 43226
Ion Ratio Lower Upper
94 100
96 99.7 76.2 114.2



#6
Chloroethane
Concen: 24.213 ug/l
RT: 2.824 min Scan# 179
Delta R.T. -0.010 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Tgt Ion: 64 Resp: 42360
Ion Ratio Lower Upper
64 100
66 33.5 27.6 41.4

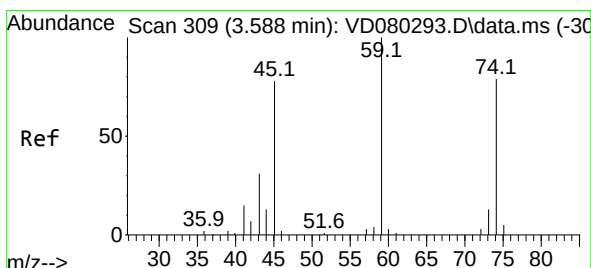
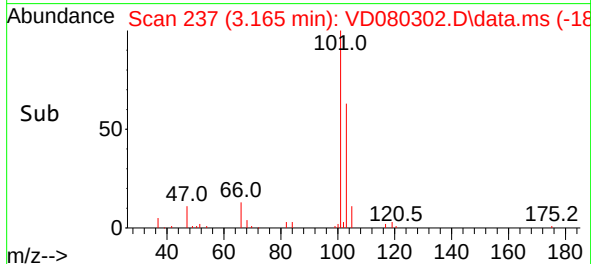
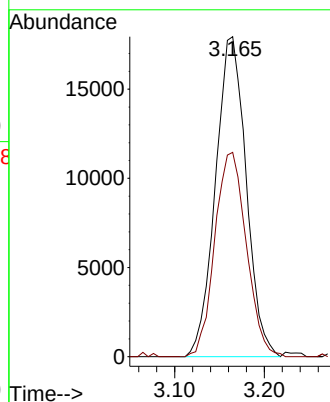
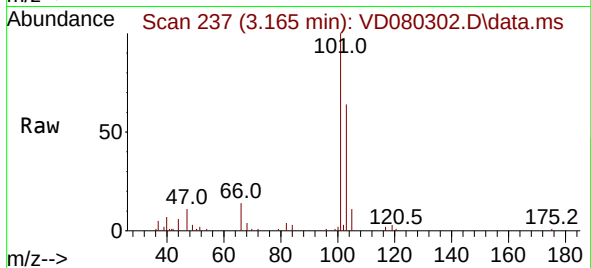




#7
 Trichlorofluoromethane
 Concen: 22.445 ug/l
 RT: 3.165 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VD080302.D
 Acq: 13 May 2025 15:11

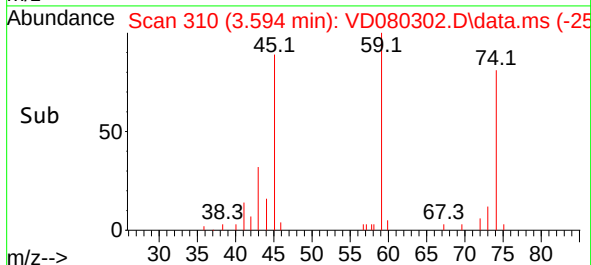
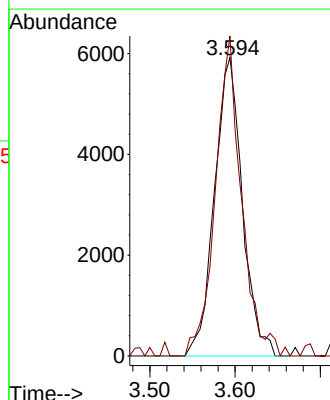
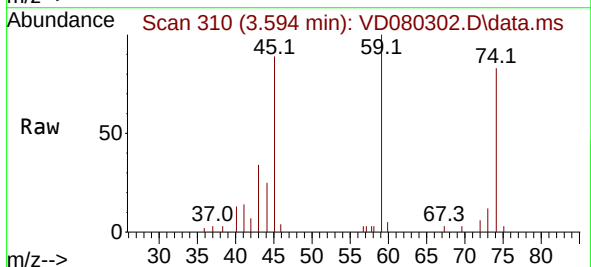
Instrument :
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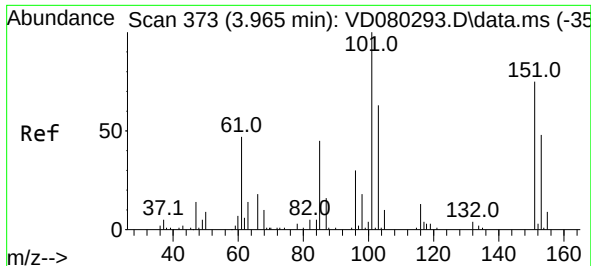
Tgt Ion:101 Resp: 42584
 Ion Ratio Lower Upper
 101 100
 103 63.9 53.0 79.6



#8
 Diethyl Ether
 Concen: 22.996 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.001 min
 Lab File: VD080302.D
 Acq: 13 May 2025 15:11

Tgt Ion: 74 Resp: 13468
 Ion Ratio Lower Upper
 74 100
 45 100.6 47.8 143.3

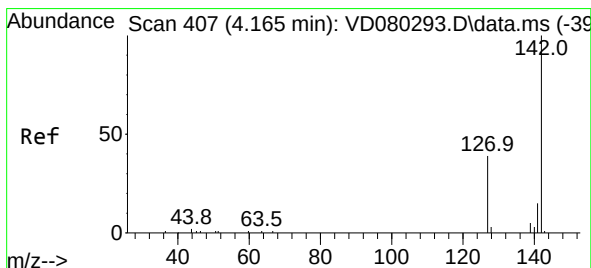
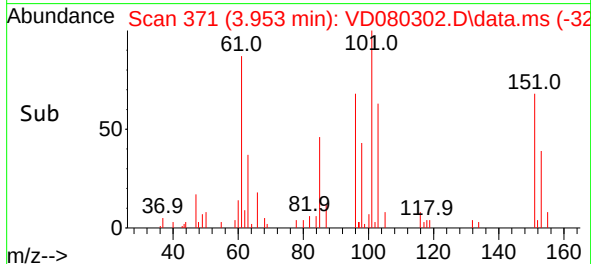
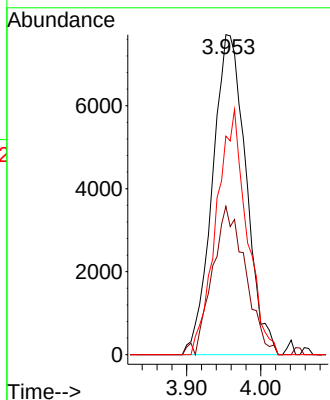
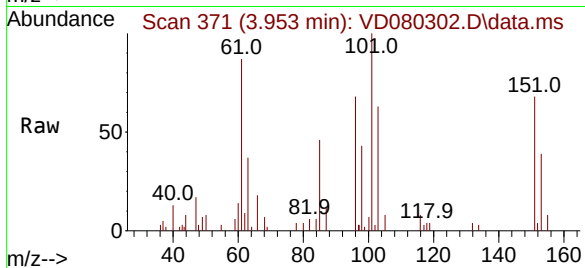




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.727 ug/l
 RT: 3.953 min Scan# 31
 Delta R.T. -0.017 min
 Lab File: VD080302.D
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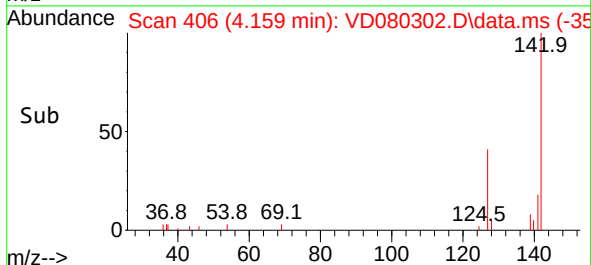
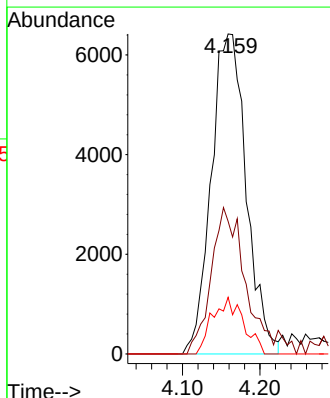
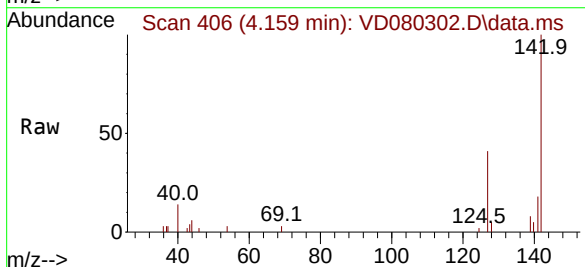
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS01

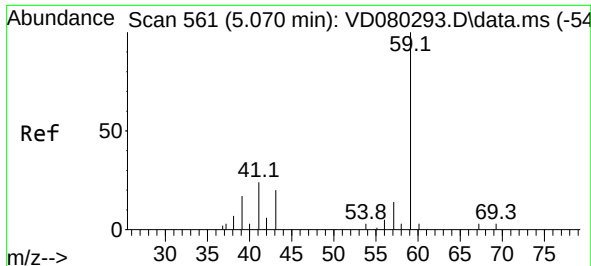
Tgt Ion:101 Resp: 24230
 Ion Ratio Lower Upper
 101 100
 85 45.7 35.3 52.9
 151 69.9 60.3 90.5



#10
 Methyl Iodide
 Concen: 16.962 ug/l
 RT: 4.159 min Scan# 406
 Delta R.T. -0.005 min
 Lab File: VD080302.D
 Acq: 13 May 2025 15:11

Tgt Ion:142 Resp: 20213
 Ion Ratio Lower Upper
 142 100
 127 43.8 35.3 52.9
 141 15.5 12.2 18.2

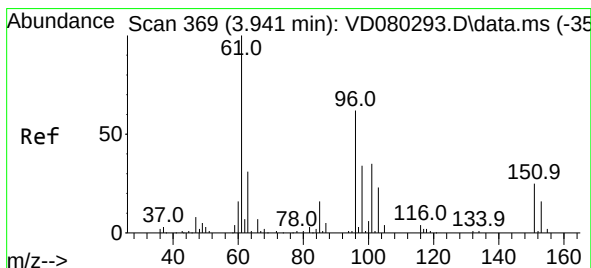
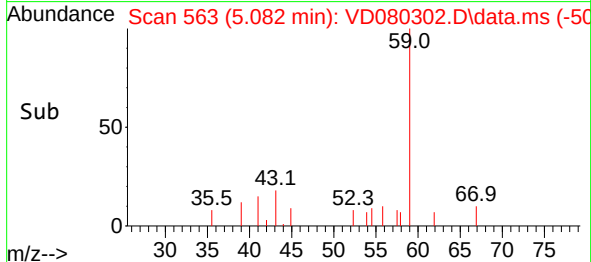
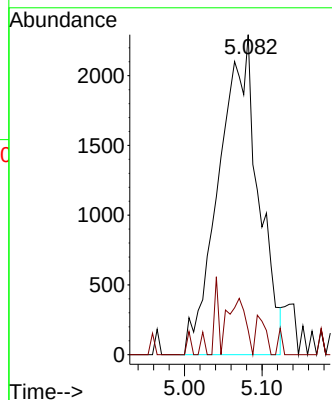
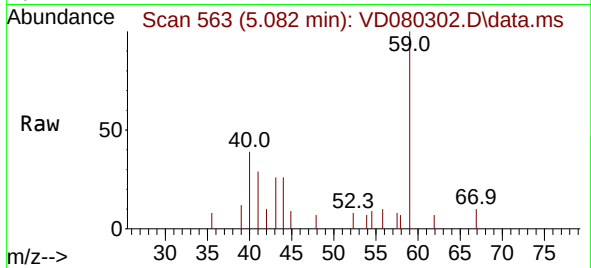




#11
Tert butyl alcohol
Concen: 108.050 ug/l
RT: 5.082 min Scan# 50
Delta R.T. 0.024 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

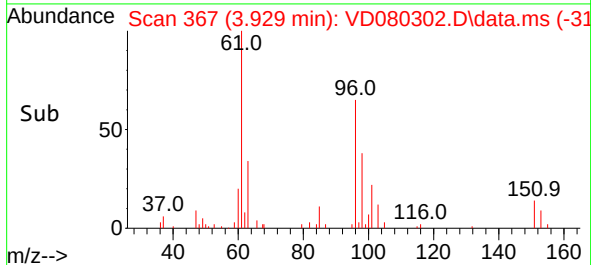
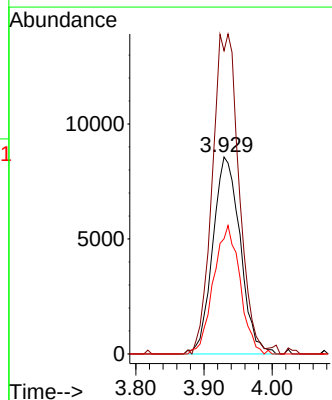
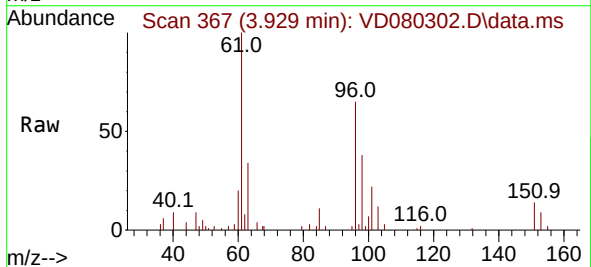
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

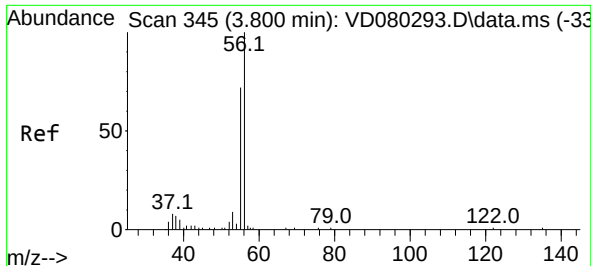
Tgt Ion: 59 Resp: 8070
Ion Ratio Lower Upper
59 100
57 8.1 4.8 7.2#



#12
1,1-Dichloroethene
Concen: 20.832 ug/l
RT: 3.929 min Scan# 367
Delta R.T. -0.011 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Tgt Ion: 96 Resp: 24008
Ion Ratio Lower Upper
96 100
61 153.9 122.6 184.0
98 58.5 47.1 70.7

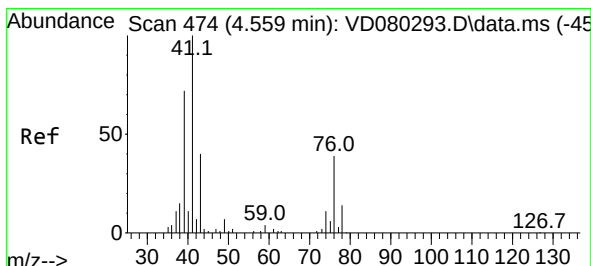
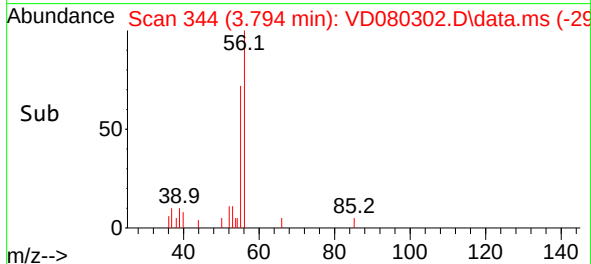
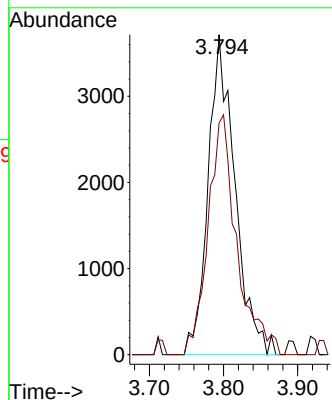
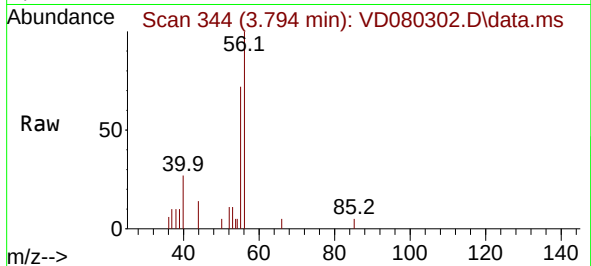




#13
Acrolein
Concen: 71.051 ug/l
RT: 3.794 min Scan# 345
Delta R.T. 0.001 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

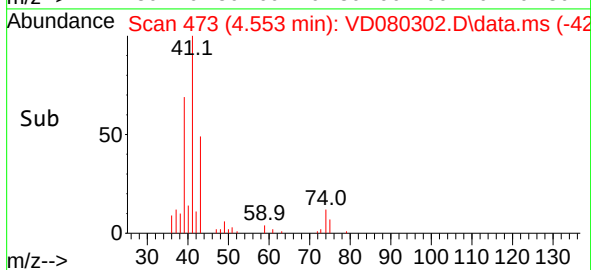
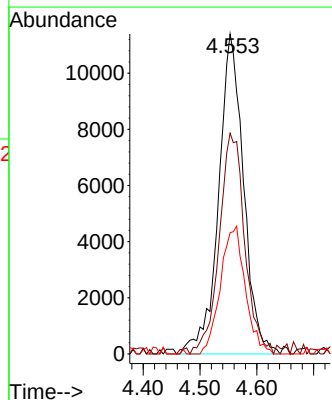
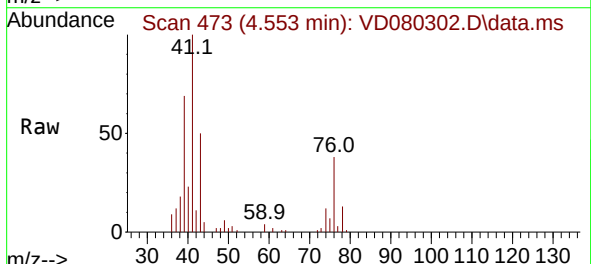
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

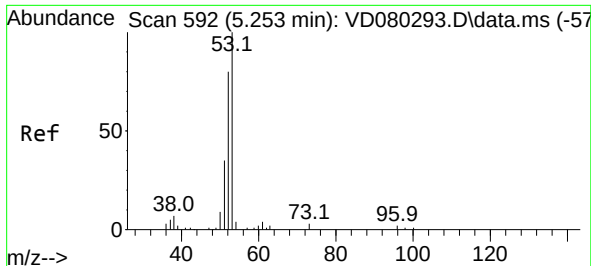
Tgt Ion: 56 Resp: 9337
Ion Ratio Lower Upper
56 100
55 80.2 58.2 87.2



#14
Allyl chloride
Concen: 19.208 ug/l
RT: 4.553 min Scan# 473
Delta R.T. -0.011 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Tgt Ion: 41 Resp: 34815
Ion Ratio Lower Upper
41 100
39 70.3 53.3 79.9
76 39.6 32.0 48.0

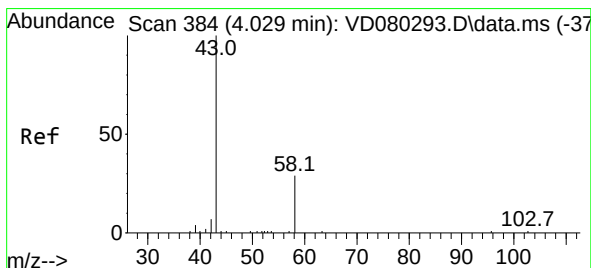
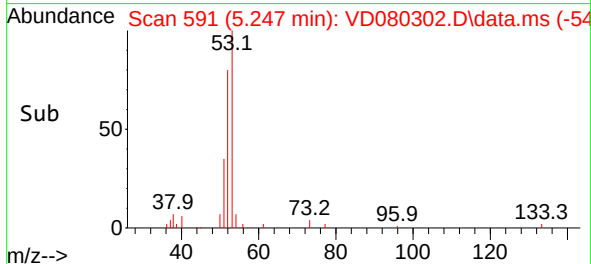
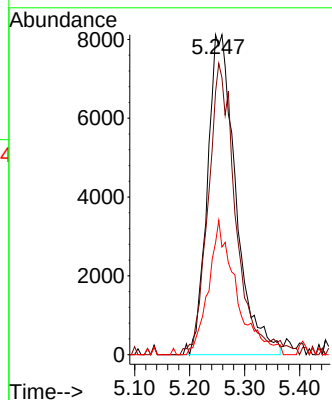
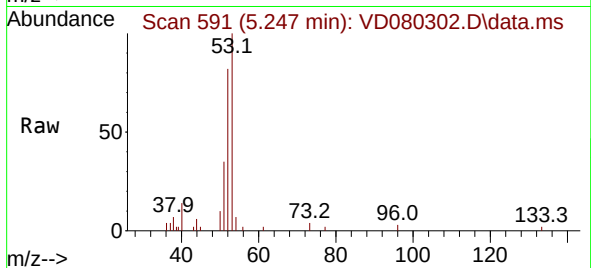




#15
Acrylonitrile
Concen: 103.866 ug/l
RT: 5.247 min Scan# 591
Delta R.T. -0.005 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

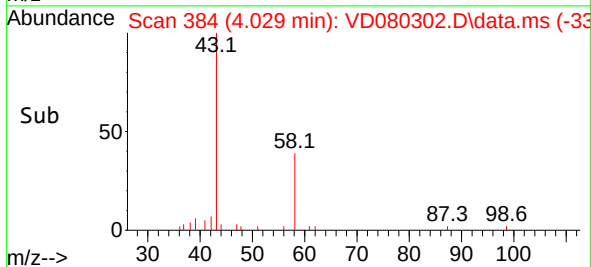
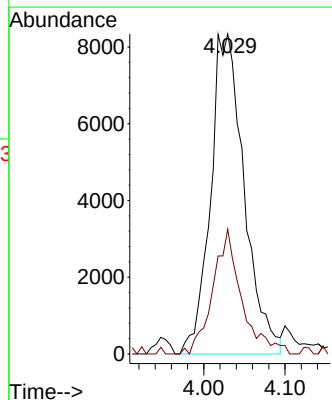
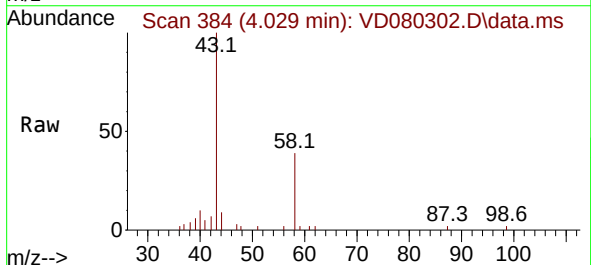
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

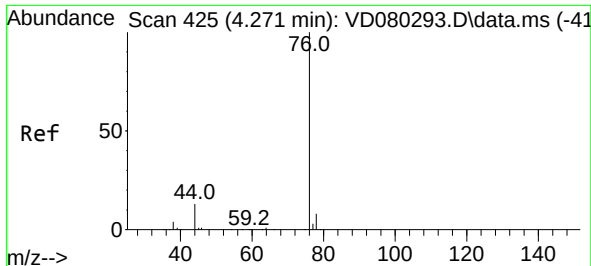
Tgt Ion:	53	Resp:	29245
Ion	Ratio	Lower	Upper
53	100		
52	86.5	66.2	99.4
51	41.2	30.3	45.5



#16
Acetone
Concen: 118.974 ug/l
RT: 4.029 min Scan# 384
Delta R.T. 0.006 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Tgt Ion:	43	Resp:	23985
Ion	Ratio	Lower	Upper
43	100		
58	36.8	25.4	38.2





#17

Carbon Disulfide

Concen: 21.248 ug/l

RT: 4.265 min Scan# 41

Delta R.T. -0.005 min

Lab File: VD080302.D

Acq: 13 May 2025 15:11

Instrument :

MSVOA_D

ClientSampleId :

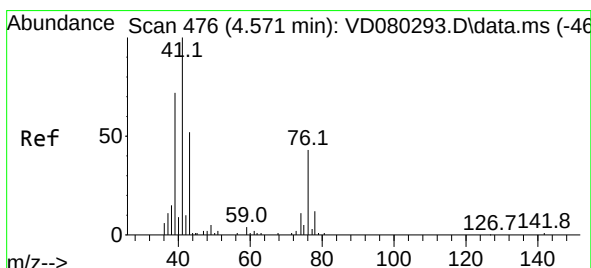
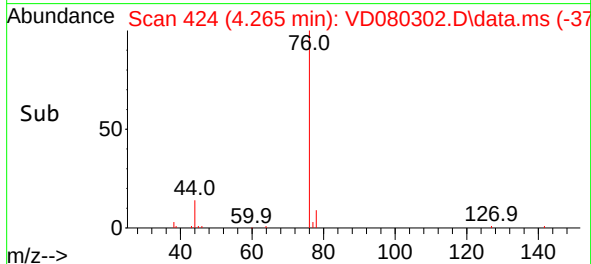
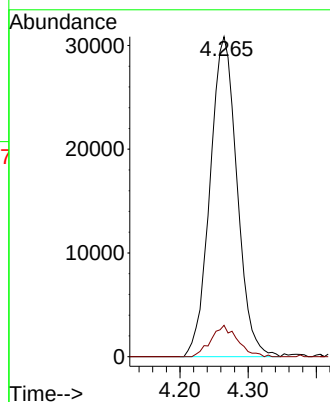
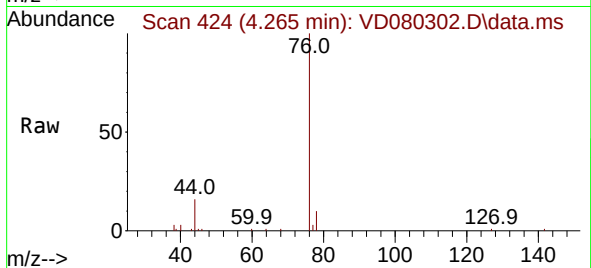
VD0513SBS01

Tgt Ion: 76 Resp: 85034

Ion Ratio Lower Upper

76 100

78 9.8 7.5 11.3



#18

Methyl Acetate

Concen: 30.360 ug/l

RT: 4.565 min Scan# 475

Delta R.T. 0.001 min

Lab File: VD080302.D

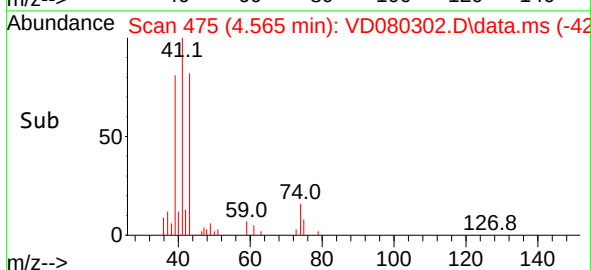
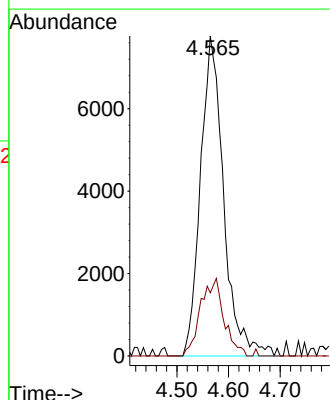
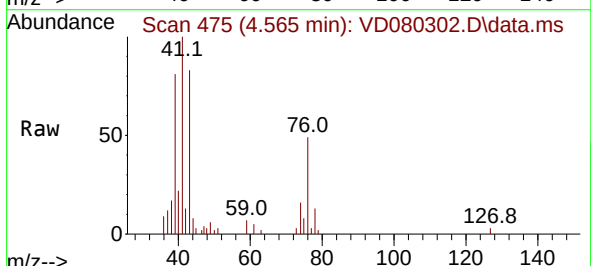
Acq: 13 May 2025 15:11

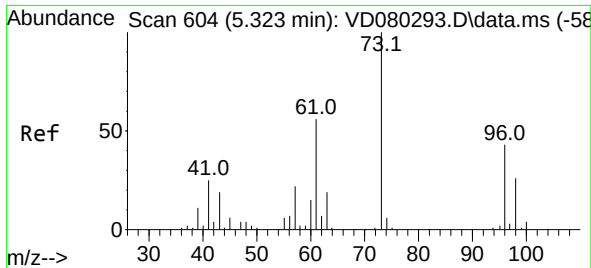
Tgt Ion: 43 Resp: 24180

Ion Ratio Lower Upper

43 100

74 24.6 20.5 30.7

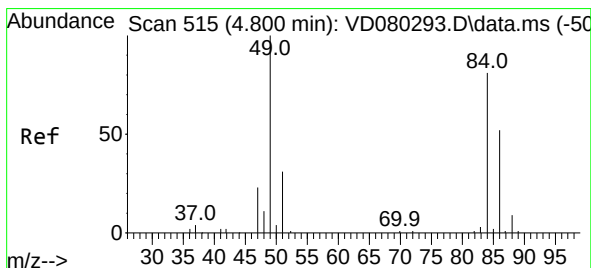
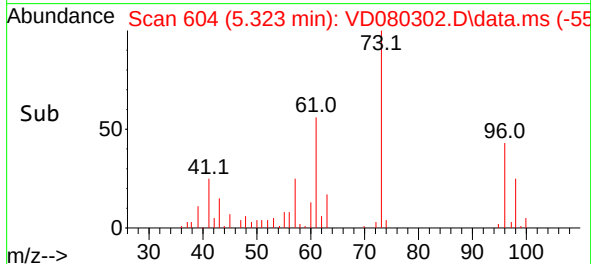
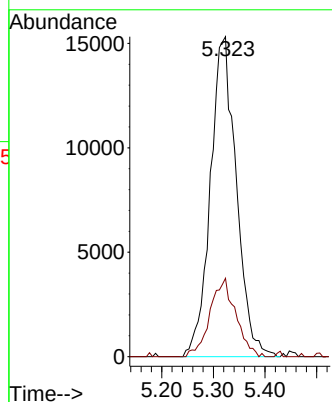
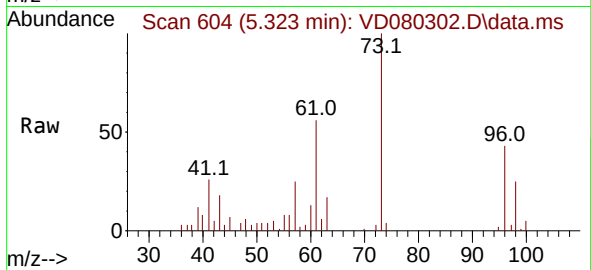




#19
Methyl tert-butyl Ether
Concen: 21.097 ug/l
RT: 5.323 min Scan# 604
Delta R.T. 0.001 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

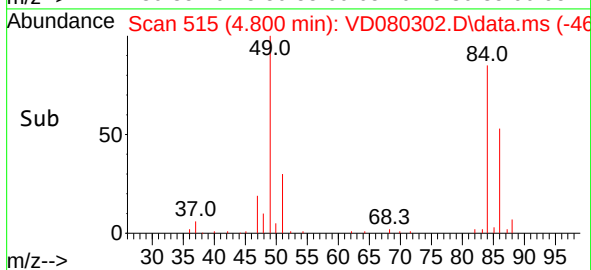
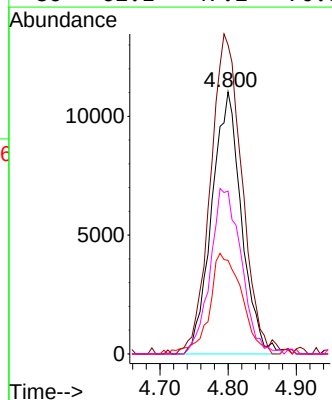
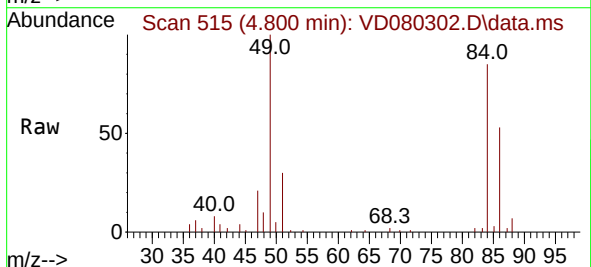
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

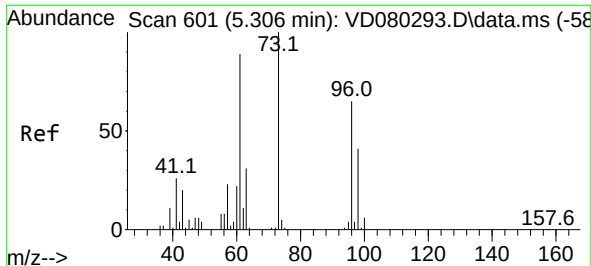
Tgt Ion: 73 Resp: 53414
Ion Ratio Lower Upper
73 100
57 24.5 18.8 28.2



#20
Methylene Chloride
Concen: 23.339 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.005 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Tgt Ion: 84 Resp: 33361
Ion Ratio Lower Upper
84 100
49 116.3 86.5 129.7
51 35.7 26.9 40.3
86 62.1 47.2 70.8

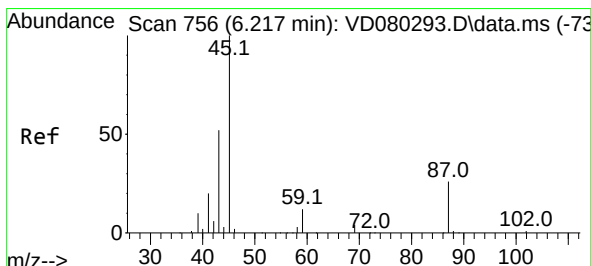
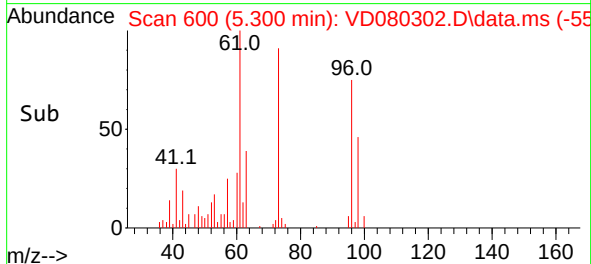
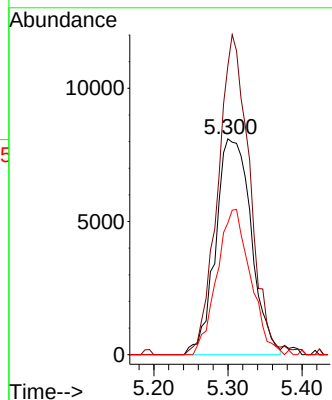
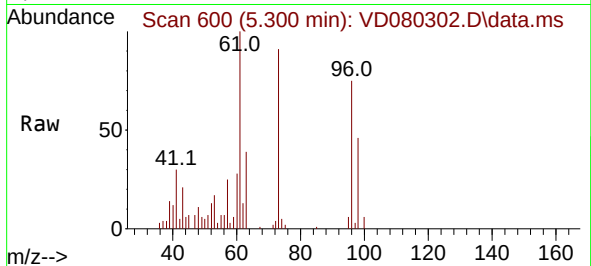




#21
trans-1,2-Dichloroethene
Concen: 21.531 ug/l
RT: 5.300 min Scan# 601
Delta R.T. -0.011 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

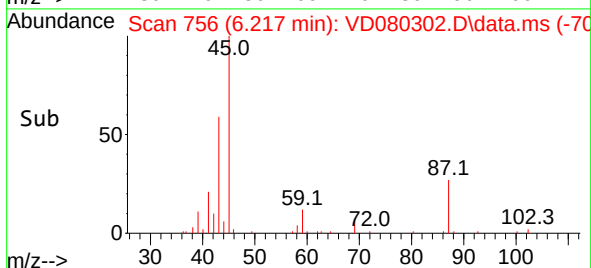
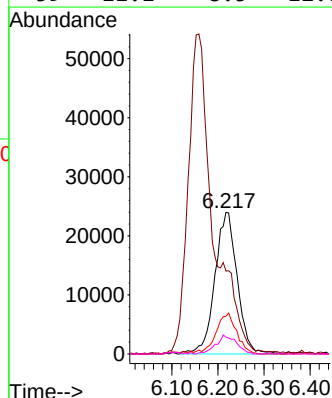
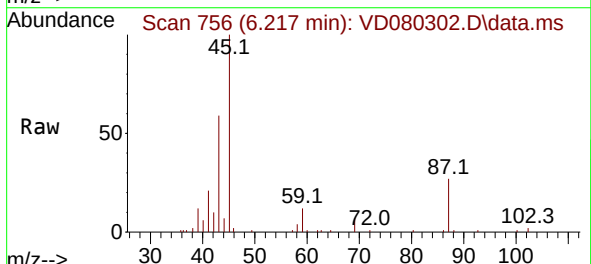
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

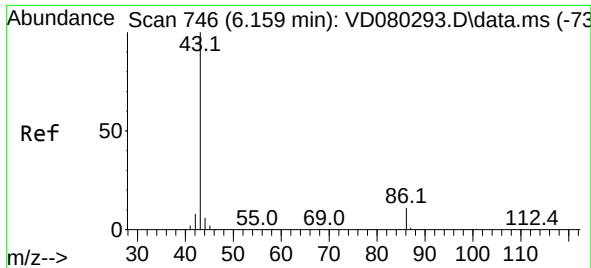
Tgt Ion: 96 Resp: 26957
Ion Ratio Lower Upper
96 100
61 133.9 109.4 164.0
98 61.1 49.8 74.8



#22
Diisopropyl ether
Concen: 21.586 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.001 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Tgt Ion: 45 Resp: 80595
Ion Ratio Lower Upper
45 100
43 57.7 42.6 63.8
87 26.7 22.7 34.1
59 11.1 8.5 12.7

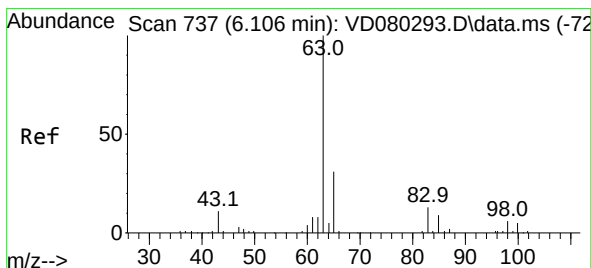
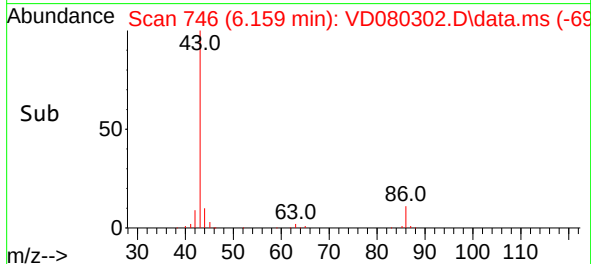
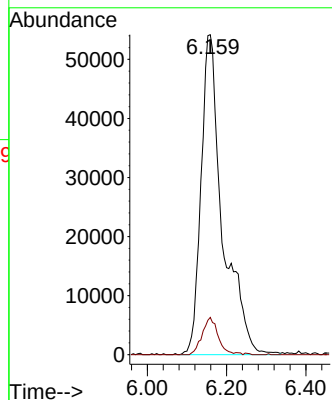
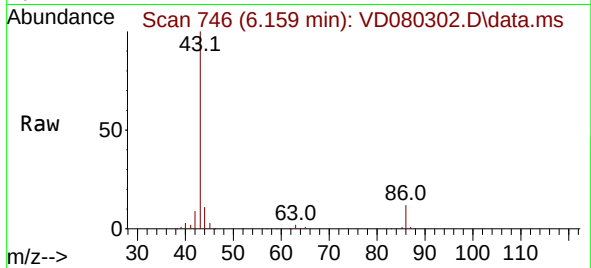




#23
 Vinyl Acetate
 Concen: 94.280 ug/l
 RT: 6.159 min Scan# 746
 Delta R.T. 0.001 min
 Lab File: VD080302.D
 Acq: 13 May 2025 15:11

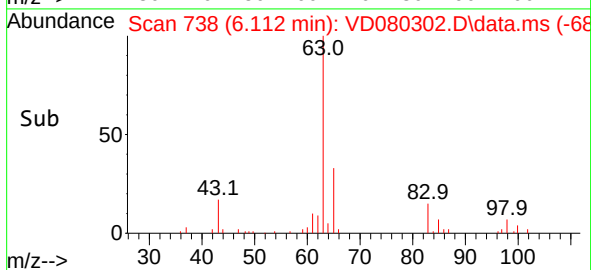
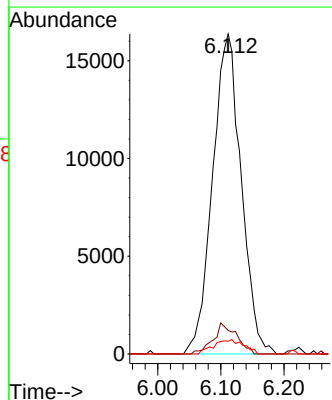
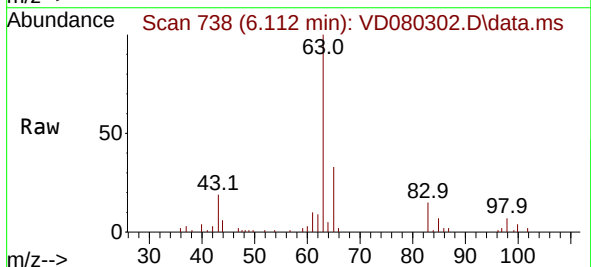
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS01

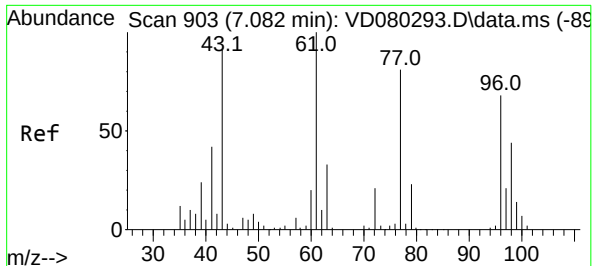
Tgt Ion: 43 Resp: 205021
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 21.918 ug/l
 RT: 6.112 min Scan# 738
 Delta R.T. -0.005 min
 Lab File: VD080302.D
 Acq: 13 May 2025 15:11

Tgt Ion: 63 Resp: 51495
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.6
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 103.114 ug/l

RT: 7.082 min Scan# 901

Delta R.T. -0.005 min

Lab File: VD080302.D

Acq: 13 May 2025 15:11

Instrument :

MSVOA_D

ClientSampleId :

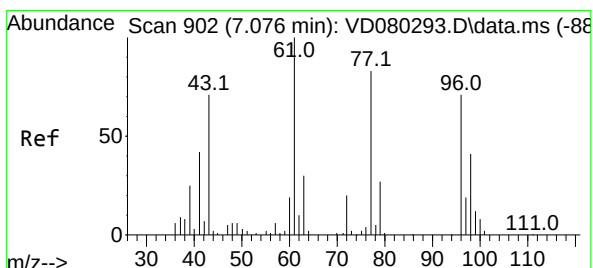
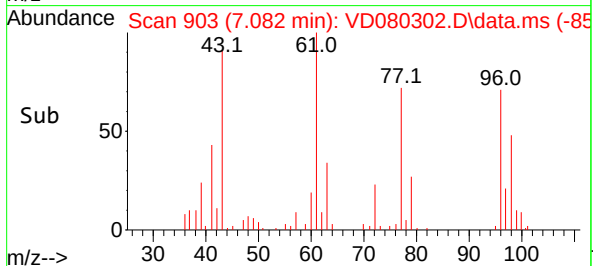
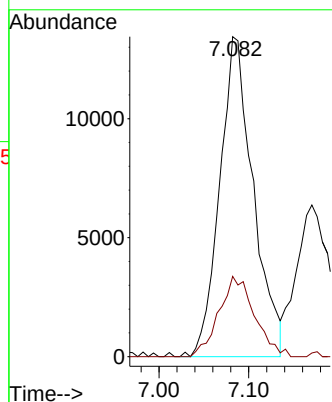
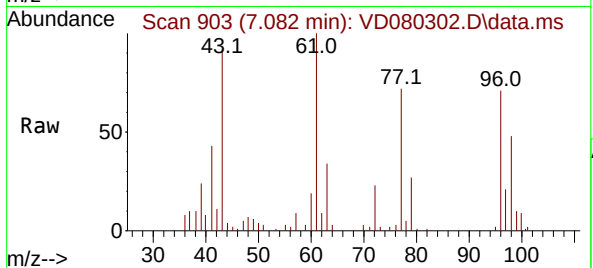
VD0513SBS01

Tgt Ion: 43 Resp: 34920

Ion Ratio Lower Upper

43 100

72 25.1 22.3 33.5



#26

2,2-Dichloropropane

Concen: 19.782 ug/l

RT: 7.070 min Scan# 901

Delta R.T. -0.005 min

Lab File: VD080302.D

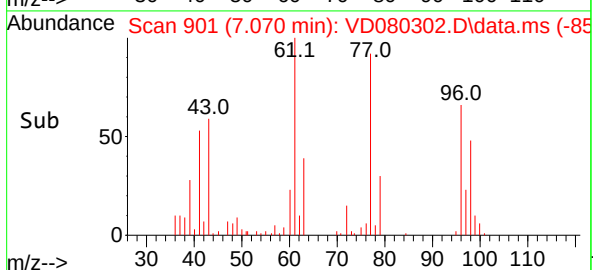
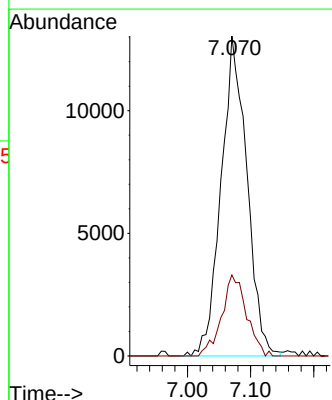
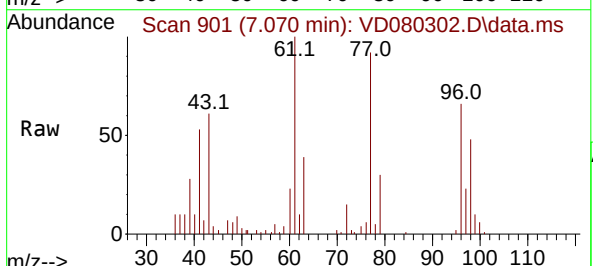
Acq: 13 May 2025 15:11

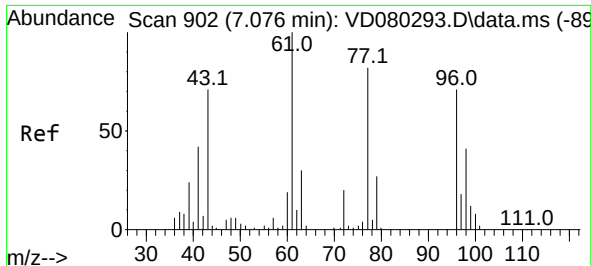
Tgt Ion: 77 Resp: 36983

Ion Ratio Lower Upper

77 100

97 24.4 11.9 35.9

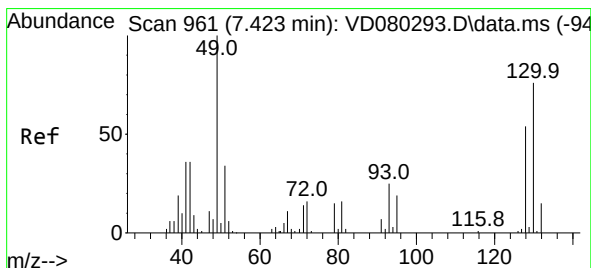
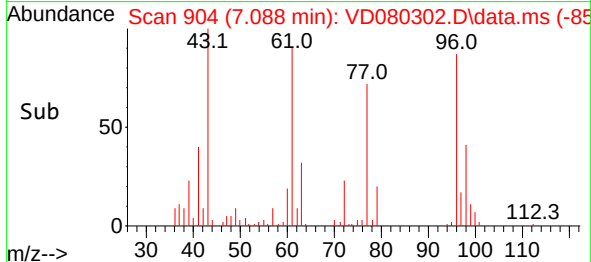
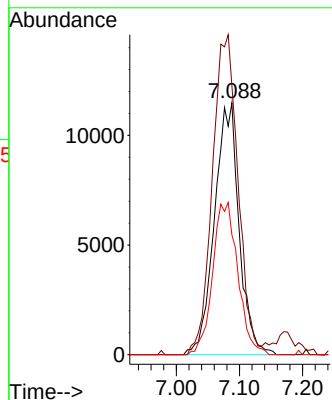
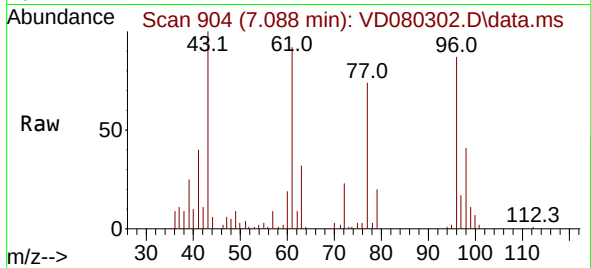




#27
 cis-1,2-Dichloroethene
 Concen: 22.429 ug/l
 RT: 7.088 min Scan# 904
 Delta R.T. 0.007 min
 Lab File: VD080302.D
 Acq: 13 May 2025 15:11

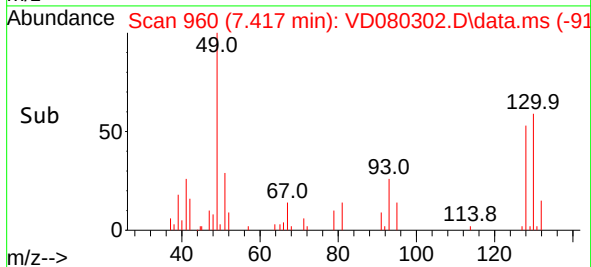
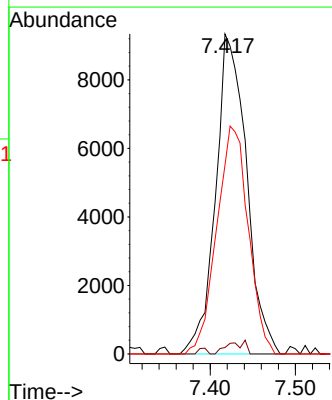
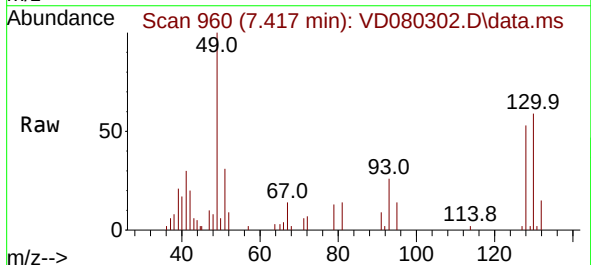
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBSD01

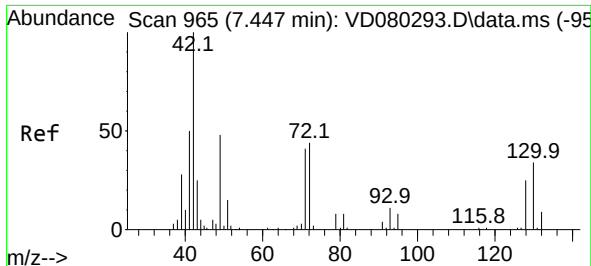
Tgt Ion: 96 Resp: 31112
 Ion Ratio Lower Upper
 96 100
 61 131.9 0.0 278.2
 98 61.9 0.0 127.8



#28
 Bromochloromethane
 Concen: 21.457 ug/l
 RT: 7.417 min Scan# 960
 Delta R.T. -0.011 min
 Lab File: VD080302.D
 Acq: 13 May 2025 15:11

Tgt Ion: 49 Resp: 23472
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 2.2
 130 72.8 64.6 97.0





#29

Tetrahydrofuran

Concen: 108.270 ug/l

RT: 7.447 min Scan# 90

Delta R.T. 0.001 min

Lab File: VD080302.D

Acq: 13 May 2025 15:11

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBS01

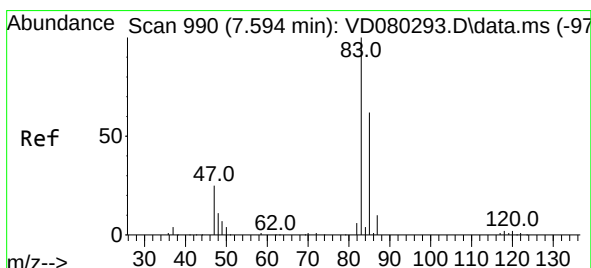
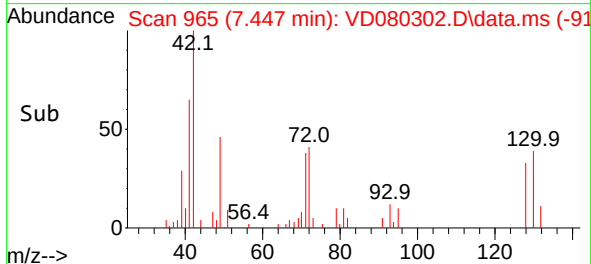
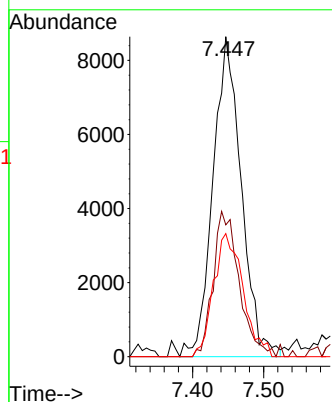
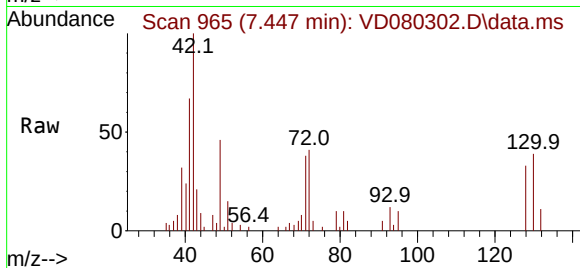
Tgt Ion: 42 Resp: 23907

Ion Ratio Lower Upper

42 100

72 41.7 36.7 55.1

71 40.1 34.4 51.6



#30

Chloroform

Concen: 22.652 ug/l

RT: 7.600 min Scan# 991

Delta R.T. 0.001 min

Lab File: VD080302.D

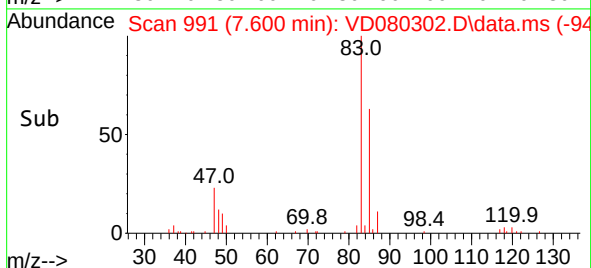
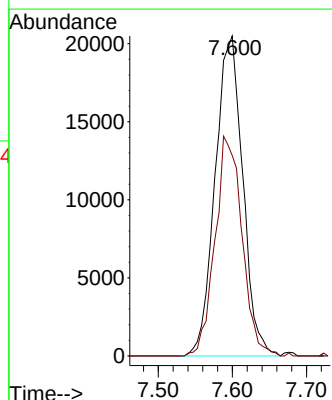
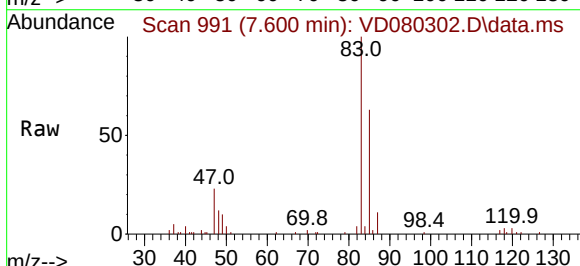
Acq: 13 May 2025 15:11

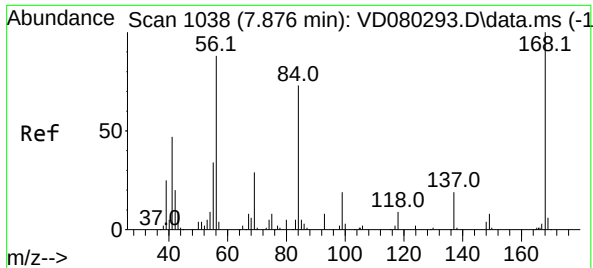
Tgt Ion: 83 Resp: 53072

Ion Ratio Lower Upper

83 100

85 62.7 50.8 76.2

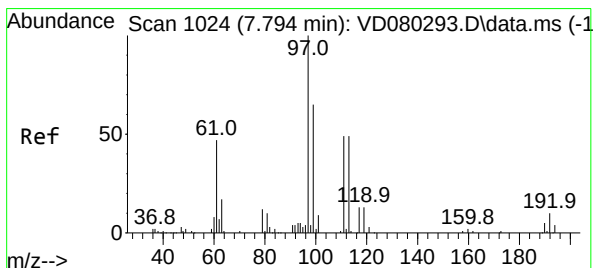
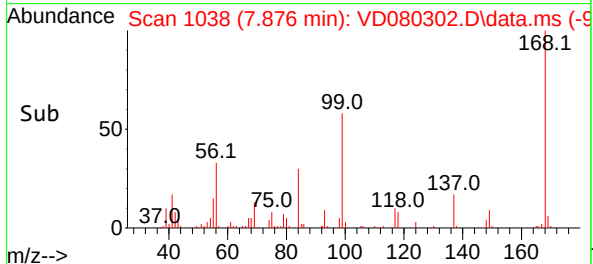
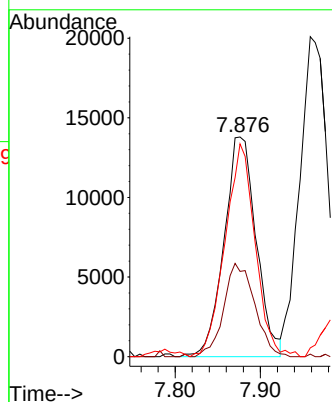
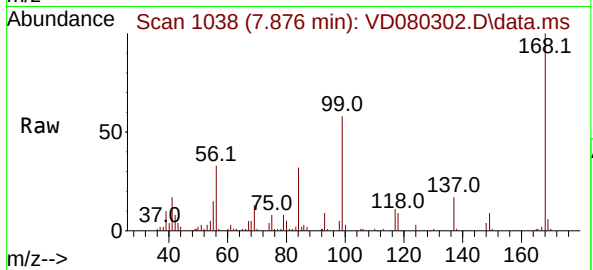




#31
Cyclohexane
Concen: 18.091 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.005 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

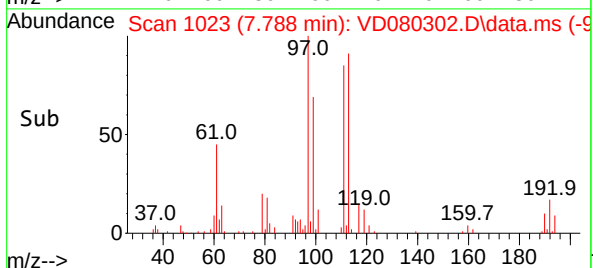
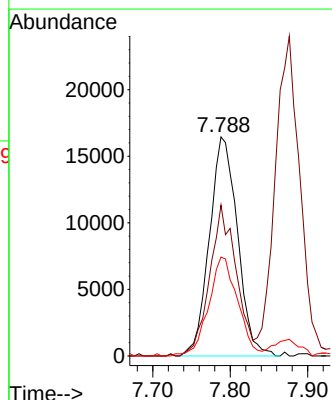
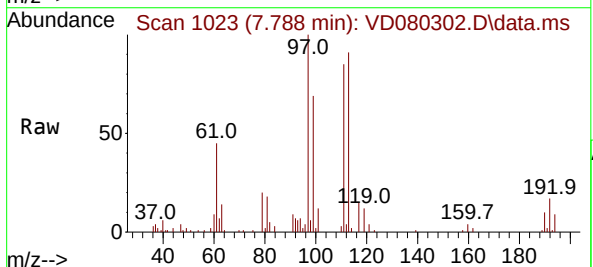
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

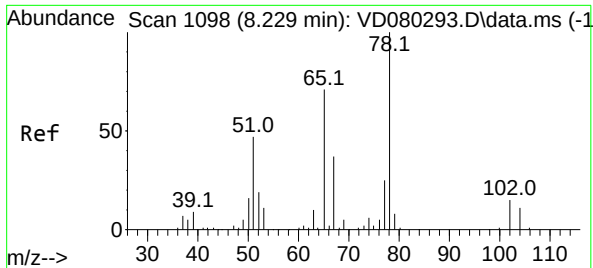
Tgt Ion: 56 Resp: 36175
Ion Ratio Lower Upper
56 100
69 38.8 27.3 40.9
84 94.8 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 21.668 ug/l
RT: 7.788 min Scan# 1023
Delta R.T. -0.005 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Tgt Ion: 97 Resp: 41419
Ion Ratio Lower Upper
97 100
99 64.9 50.7 76.1
61 46.6 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 54.363 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.001 min

Lab File: VD080302.D

Acq: 13 May 2025 15:11

Instrument :

MSVOA_D

ClientSampleId :

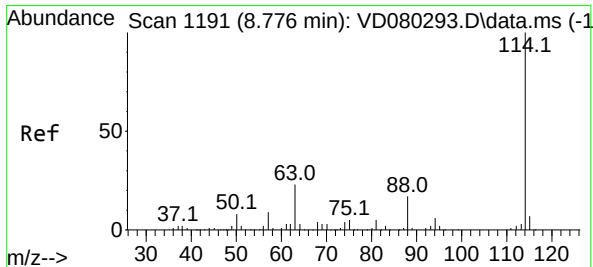
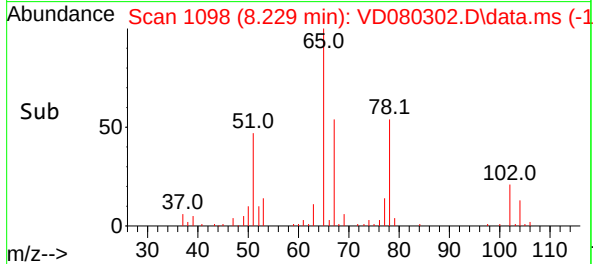
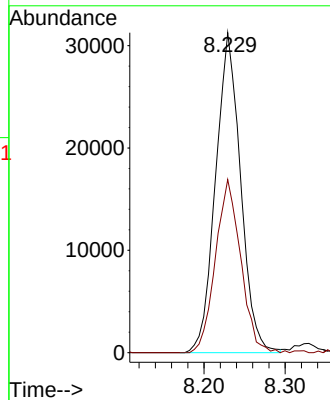
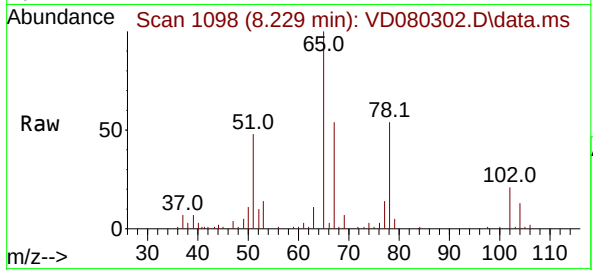
VD0513SBSD01

Tgt Ion: 65 Resp: 66911

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.001 min

Lab File: VD080302.D

Acq: 13 May 2025 15:11

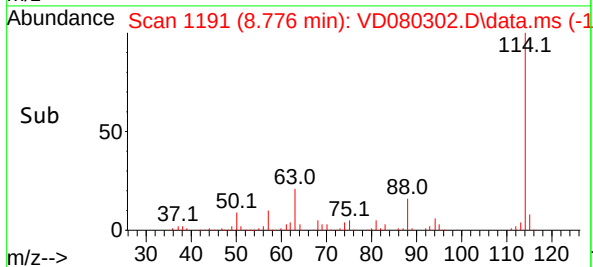
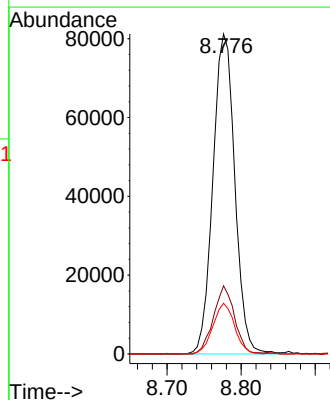
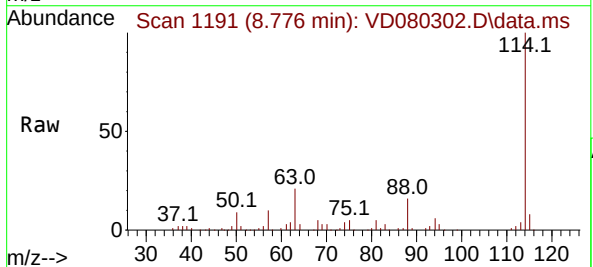
Tgt Ion: 114 Resp: 167070

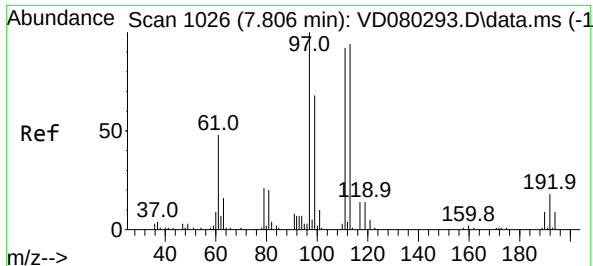
Ion Ratio Lower Upper

114 100

63 21.3 0.0 38.8

88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.922 ug/l

RT: 7.806 min Scan# 1059

Delta R.T. 0.001 min

Lab File: VD080302.D

Acq: 13 May 2025 15:11

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBS01

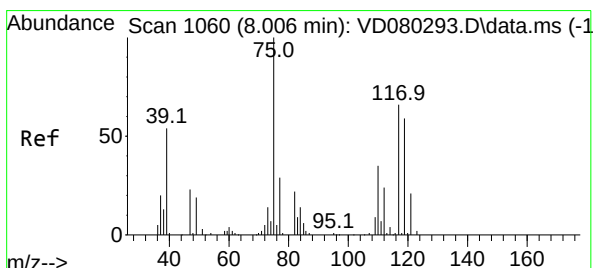
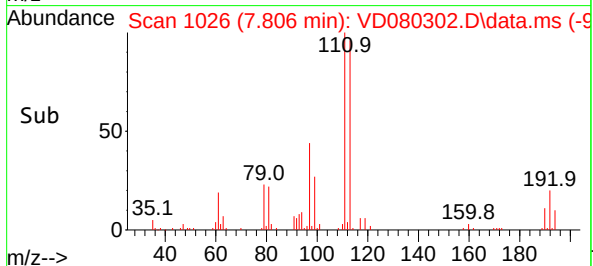
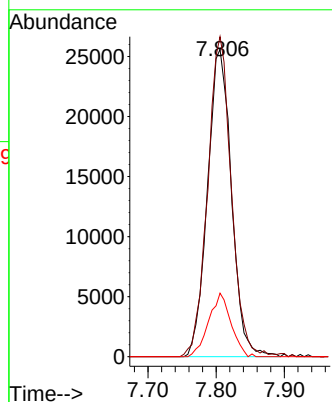
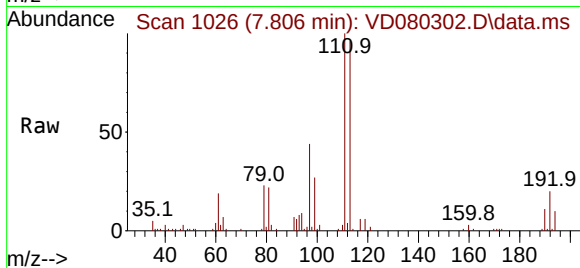
Tgt Ion:113 Resp: 62619

Ion Ratio Lower Upper

113 100

111 102.6 82.5 123.7

192 19.2 16.6 25.0



#36

1,1-Dichloropropene

Concen: 19.831 ug/l

RT: 8.000 min Scan# 1059

Delta R.T. -0.005 min

Lab File: VD080302.D

Acq: 13 May 2025 15:11

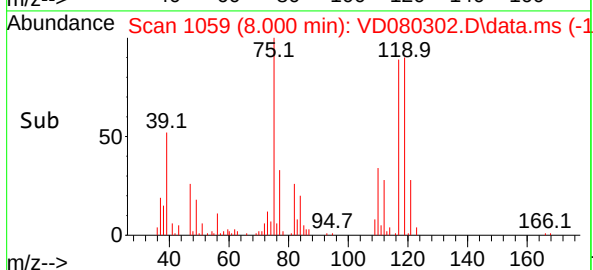
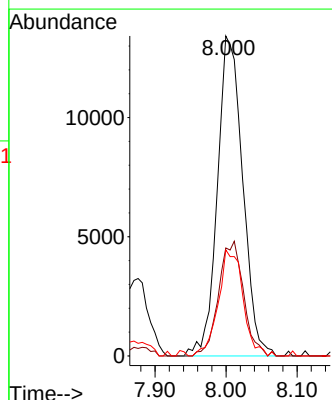
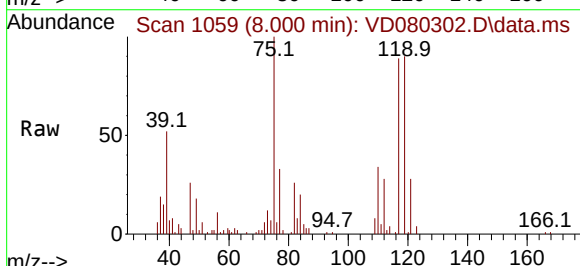
Tgt Ion: 75 Resp: 33188

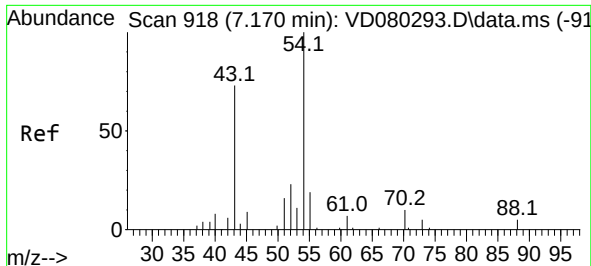
Ion Ratio Lower Upper

75 100

110 35.4 18.4 55.0

77 32.5 25.6 38.4





#37

Ethyl Acetate

Concen: 19.806 ug/l

RT: 7.170 min Scan# 918

Delta R.T. 0.001 min

Lab File: VD080302.D

Acq: 13 May 2025 15:11

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBSD01

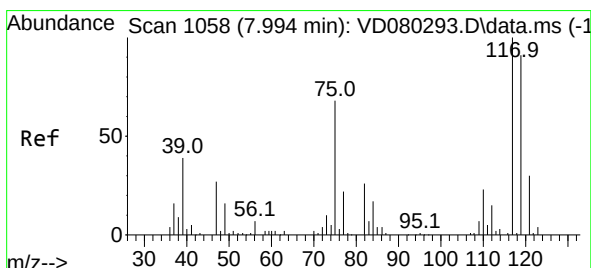
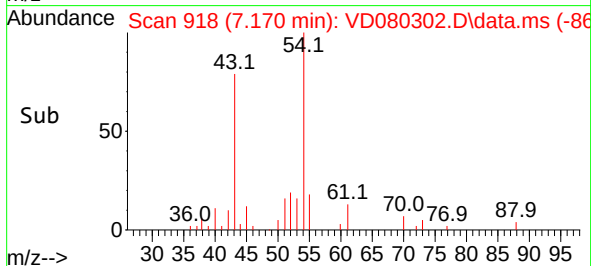
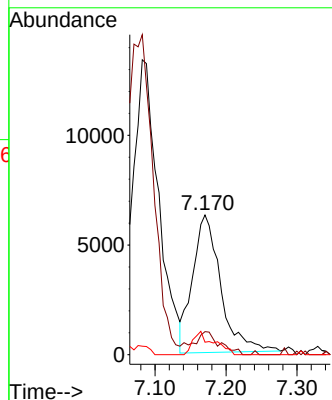
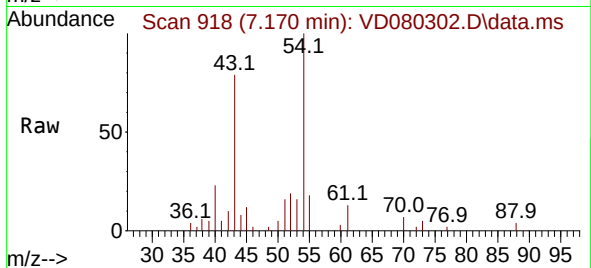
Tgt Ion: 43 Resp: 17332

Ion Ratio Lower Upper

43 100

61 13.7 11.0 16.4

70 12.4 9.4 14.2



#38

Carbon Tetrachloride

Concen: 20.583 ug/l

RT: 7.988 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD080302.D

Acq: 13 May 2025 15:11

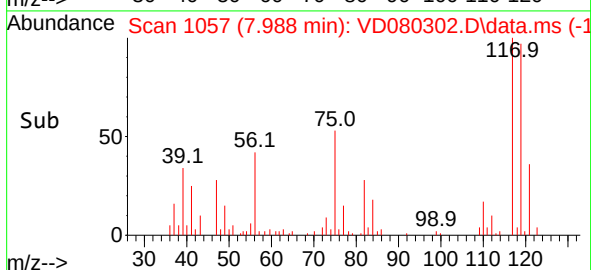
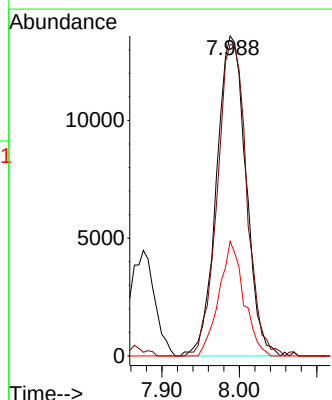
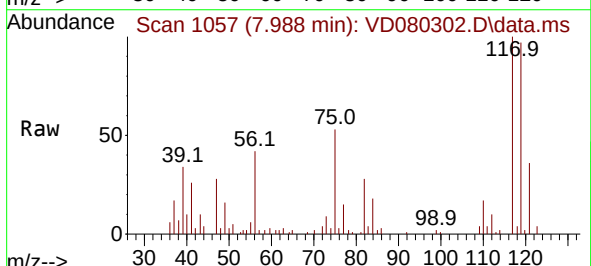
Tgt Ion: 117 Resp: 35923

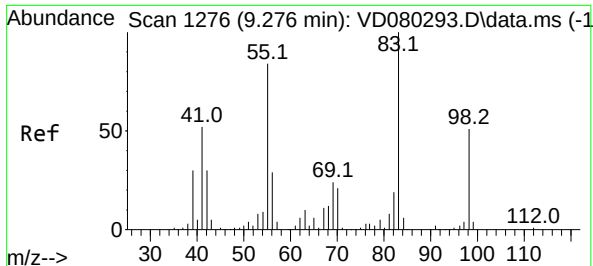
Ion Ratio Lower Upper

117 100

119 97.4 73.4 110.0

121 35.8 24.5 36.7





#39

Methylcyclohexane

Concen: 16.958 ug/l

RT: 9.270 min Scan# 1101

Delta R.T. -0.005 min

Lab File: VD080302.D

Acq: 13 May 2025 15:11

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBSD01

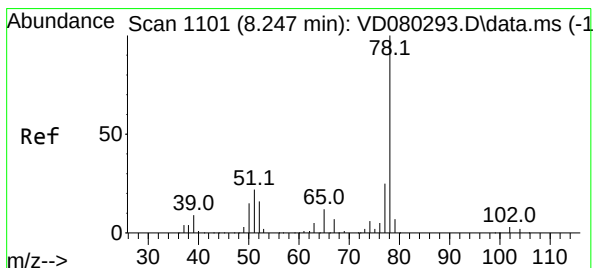
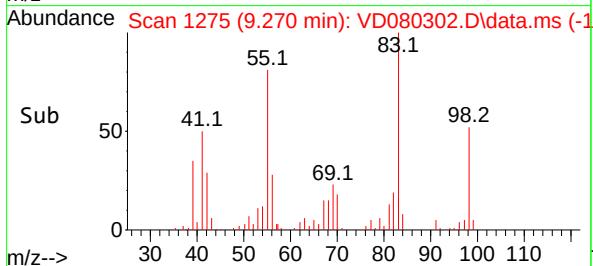
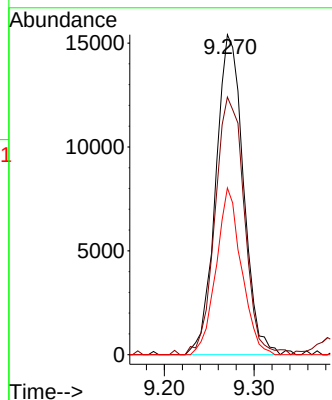
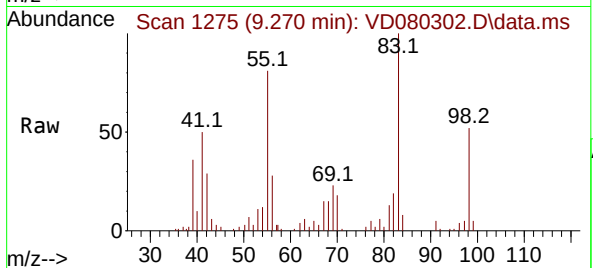
Tgt Ion: 83 Resp: 32932

Ion Ratio Lower Upper

83 100

55 80.5 62.0 93.0

98 52.1 38.7 58.1



#40

Benzene

Concen: 20.967 ug/l

RT: 8.247 min Scan# 1101

Delta R.T. -0.005 min

Lab File: VD080302.D

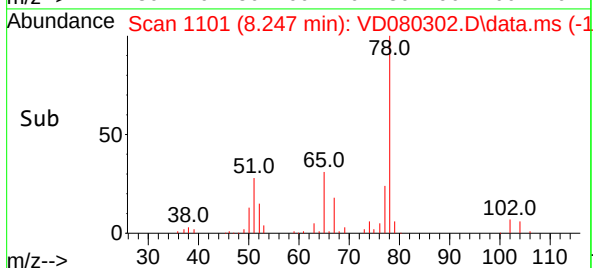
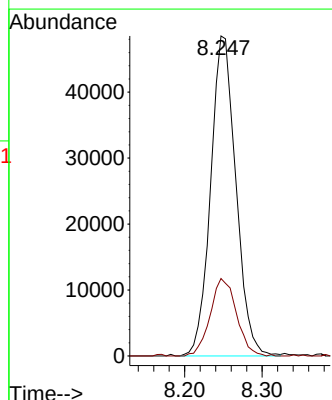
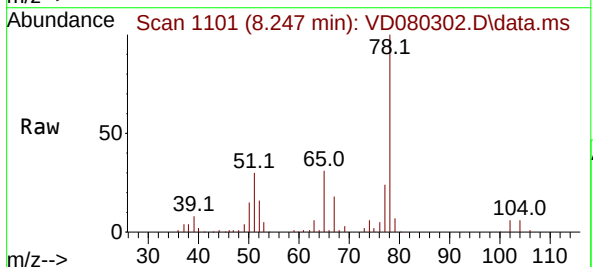
Acq: 13 May 2025 15:11

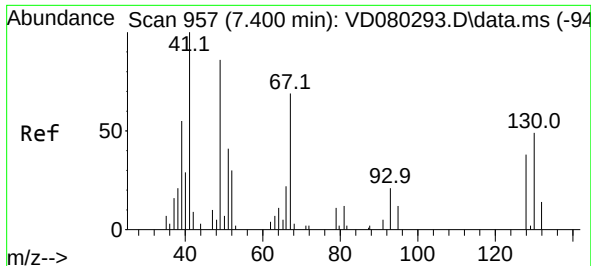
Tgt Ion: 78 Resp: 109944

Ion Ratio Lower Upper

78 100

77 24.2 20.2 30.4

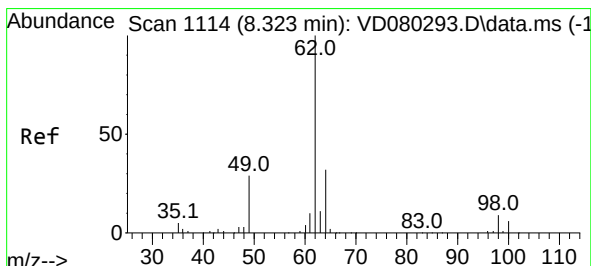
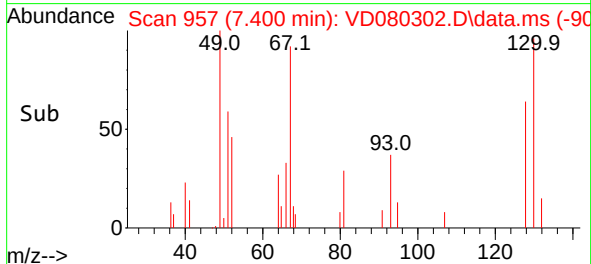
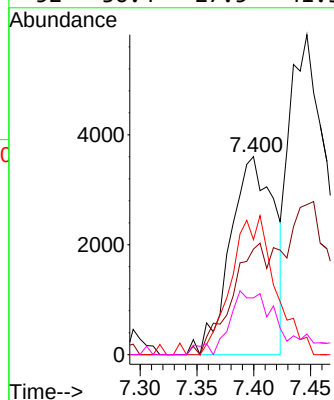
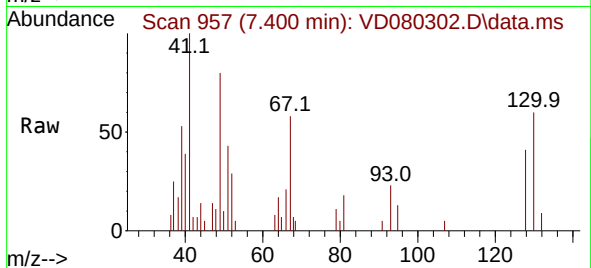




#41
Methacrylonitrile
Concen: 20.042 ug/l
RT: 7.400 min Scan# 911
Delta R.T. 0.001 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

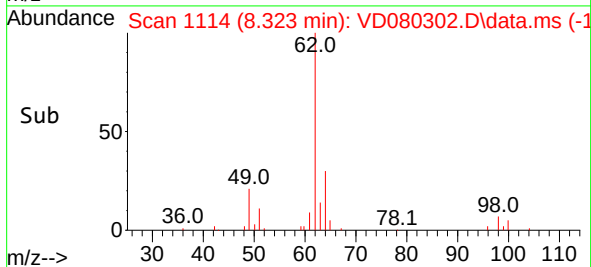
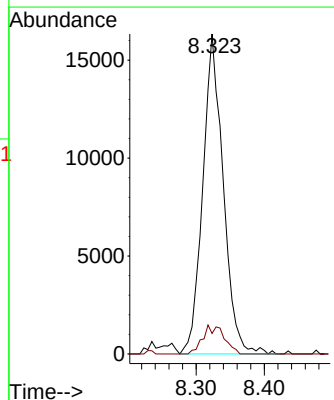
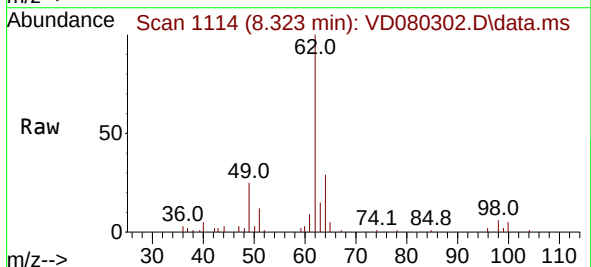
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

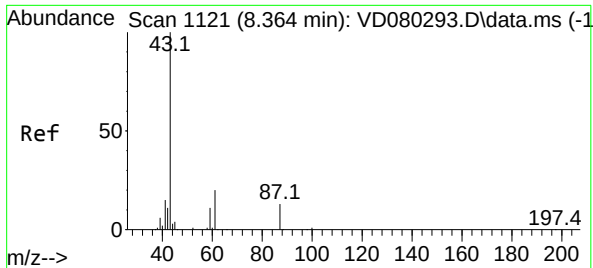
Tgt Ion: 41 Resp: 9706
Ion Ratio Lower Upper
41 100
39 44.7 47.8 71.8#
67 69.5 64.9 97.3
52 36.4 27.5 41.3



#42
1,2-Dichloroethane
Concen: 22.459 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.005 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Tgt Ion: 62 Resp: 34125
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.8

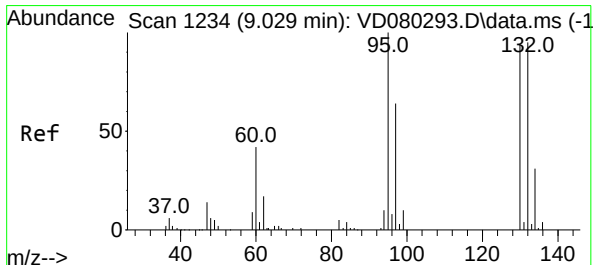
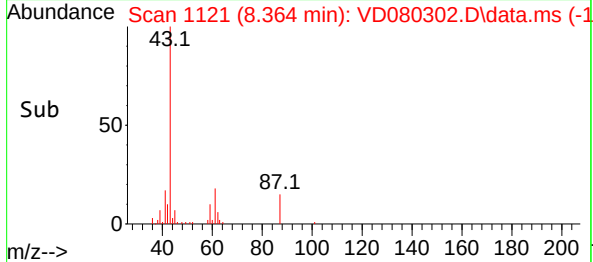
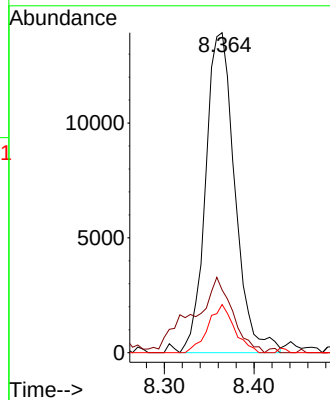
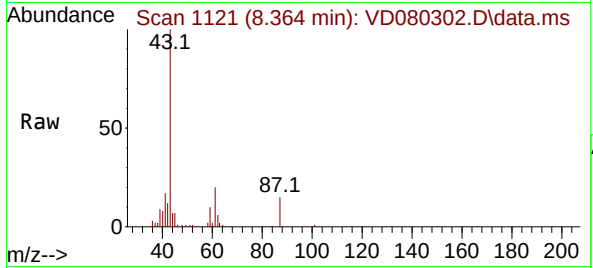




#43
Isopropyl Acetate
Concen: 19.870 ug/l
RT: 8.364 min Scan# 1121
Delta R.T. 0.006 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

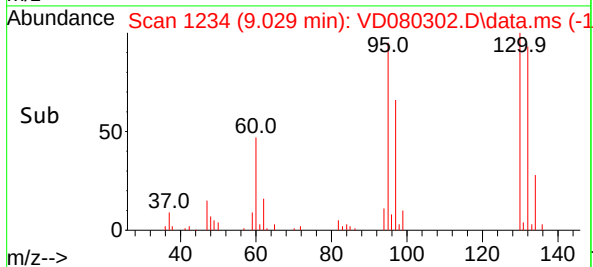
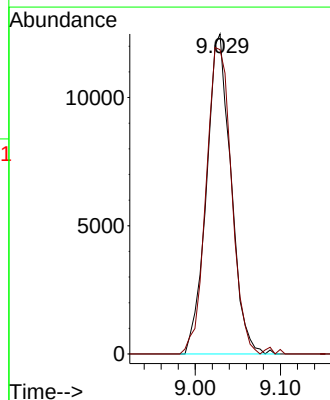
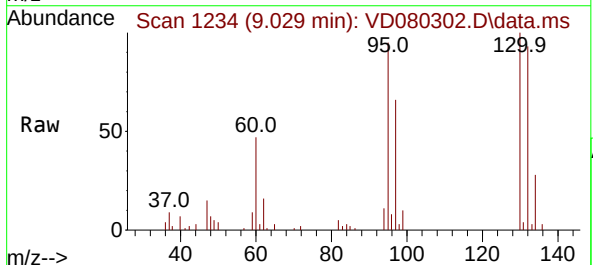
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

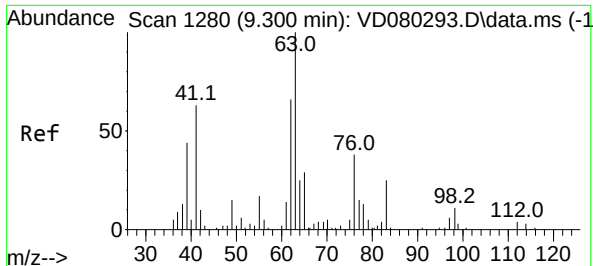
Tgt Ion: 43 Resp: 31531
Ion Ratio Lower Upper
43 100
61 32.2 26.2 39.2
87 13.5 11.8 17.8



#44
Trichloroethene
Concen: 20.489 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.001 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Tgt Ion:130 Resp: 24940
Ion Ratio Lower Upper
130 100
95 95.1 0.0 194.6





#45

1,2-Dichloropropane

Concen: 21.497 ug/l

RT: 9.306 min Scan# 1280

Delta R.T. 0.001 min

Lab File: VD080302.D

Acq: 13 May 2025 15:11

Instrument :

MSVOA_D

ClientSampleId :

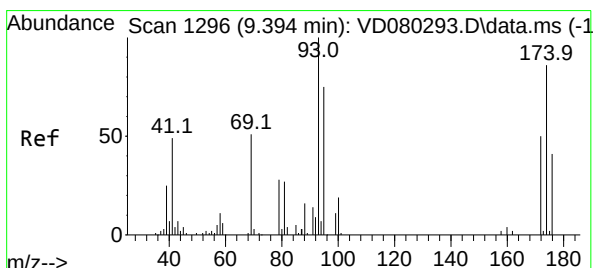
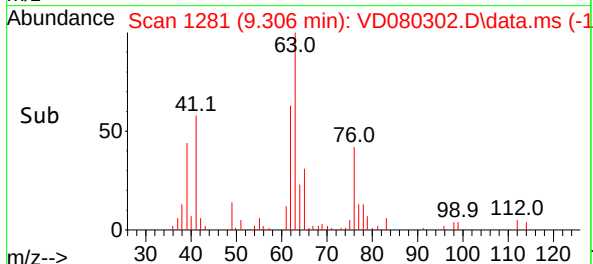
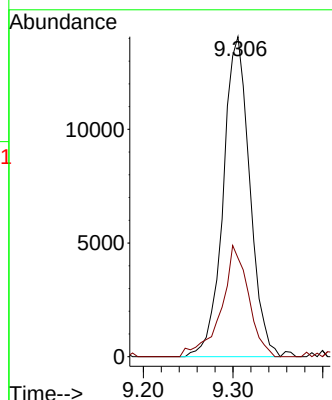
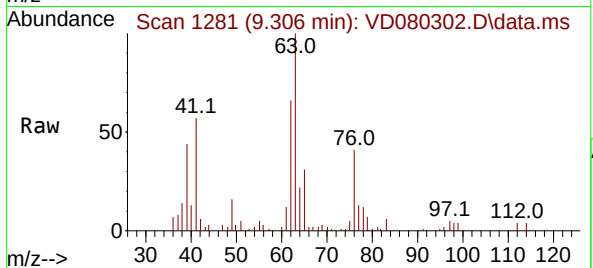
VD0513SBSD01

Tgt Ion: 63 Resp: 28910

Ion Ratio Lower Upper

63 100

65 30.9 26.2 39.4



#46

Dibromomethane

Concen: 22.662 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. -0.005 min

Lab File: VD080302.D

Acq: 13 May 2025 15:11

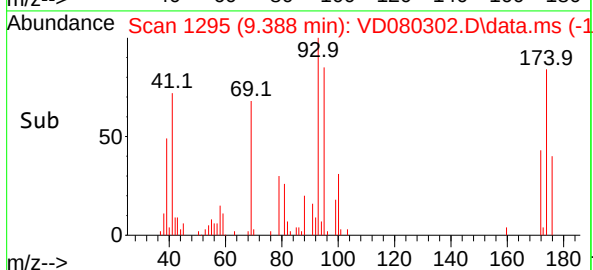
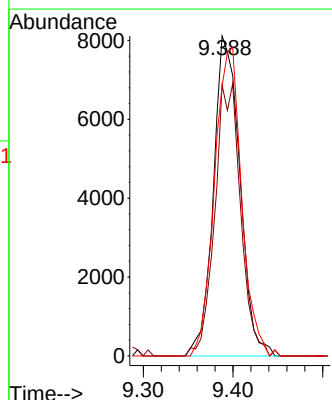
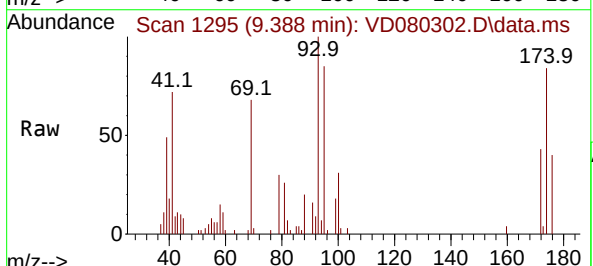
Tgt Ion: 93 Resp: 16593

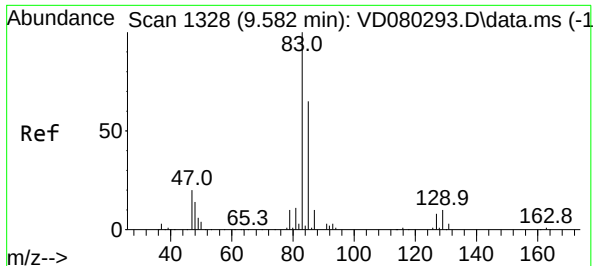
Ion Ratio Lower Upper

93 100

95 83.6 67.9 101.9

174 98.7 80.5 120.7





#47

Bromodichloromethane

Concen: 21.877 ug/l

RT: 9.582 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD080302.D

Acq: 13 May 2025 15:11

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBSD01

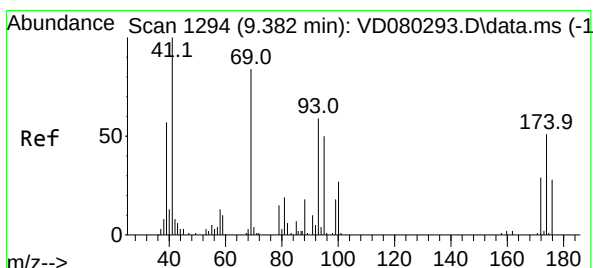
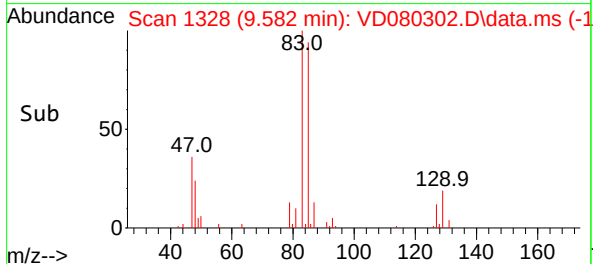
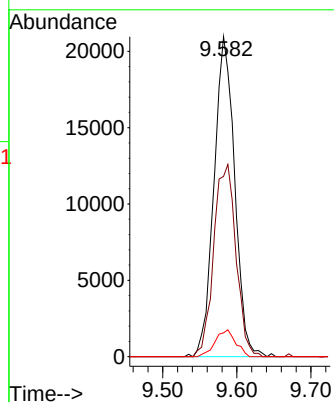
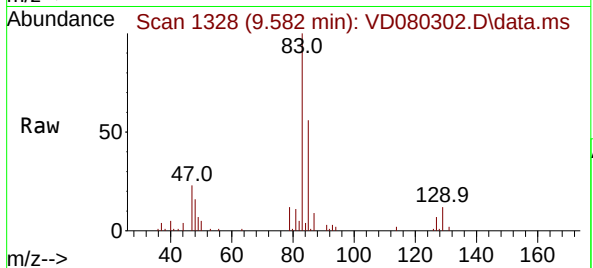
Tgt Ion: 83 Resp: 40658

Ion Ratio Lower Upper

83 100

85 56.3 50.6 75.8

127 7.4 6.1 9.1



#48

Methyl methacrylate

Concen: 19.405 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. 0.001 min

Lab File: VD080302.D

Acq: 13 May 2025 15:11

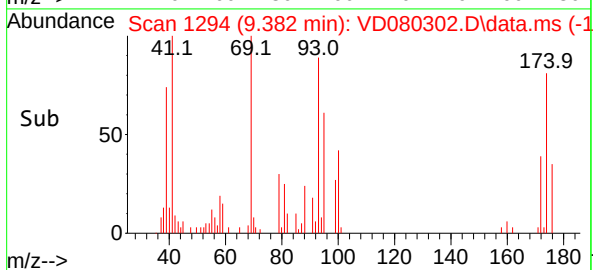
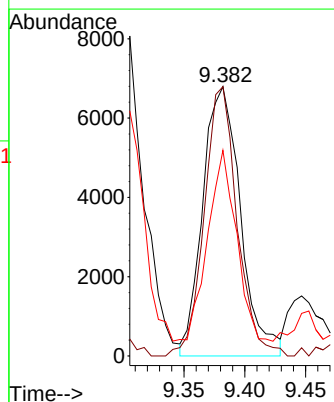
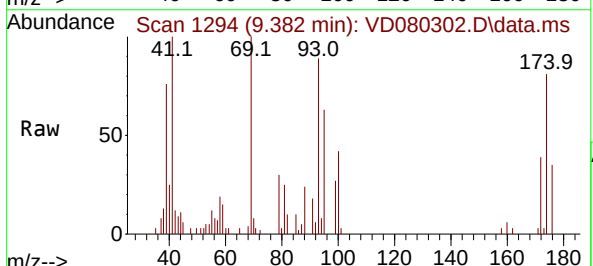
Tgt Ion: 41 Resp: 14631

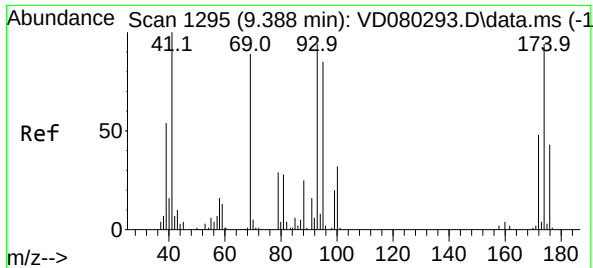
Ion Ratio Lower Upper

41 100

69 87.2 74.0 111.0

39 64.1 41.9 62.9#





#49

1,4-Dioxane

Concen: 467.077 ug/l

RT: 9.382 min Scan# 1295

Delta R.T. -0.005 min

Lab File: VD080302.D

Acq: 13 May 2025 15:11

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBSD01

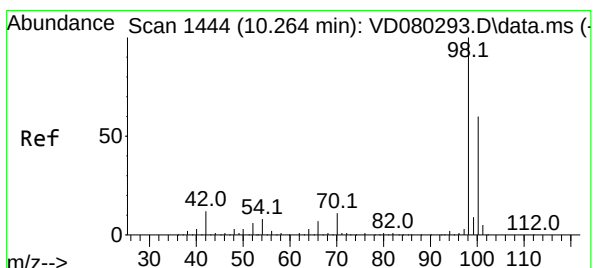
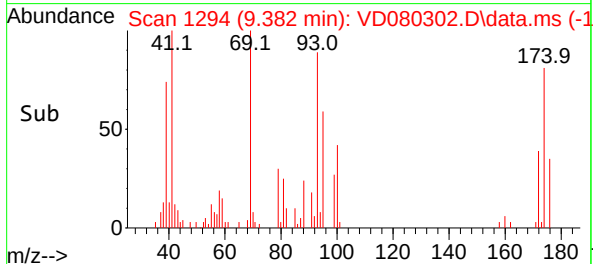
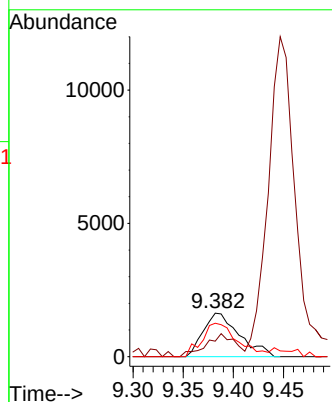
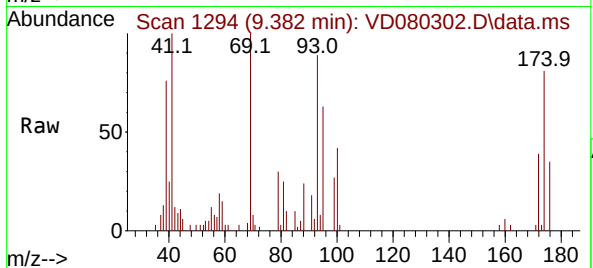
Tgt Ion: 88 Resp: 4066

Ion Ratio Lower Upper

88 100

43 42.4 29.1 43.7

58 76.0 59.9 89.9



#50

Toluene-d8

Concen: 53.319 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.001 min

Lab File: VD080302.D

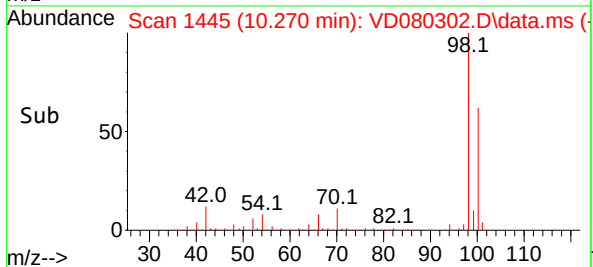
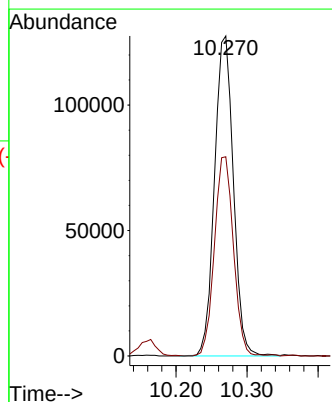
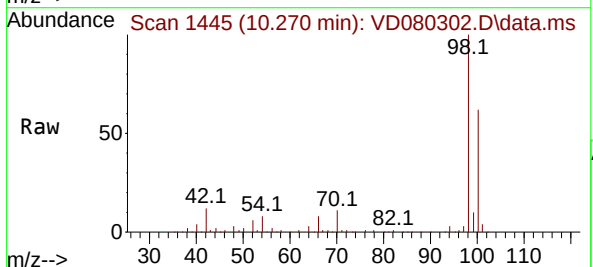
Acq: 13 May 2025 15:11

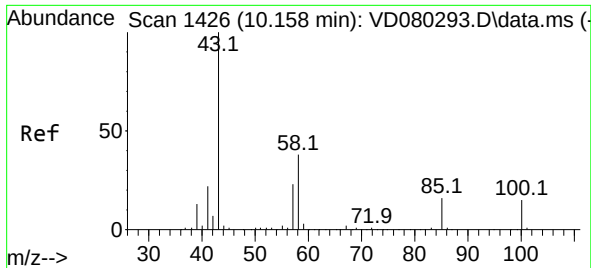
Tgt Ion: 98 Resp: 235244

Ion Ratio Lower Upper

98 100

100 62.7 50.2 75.4

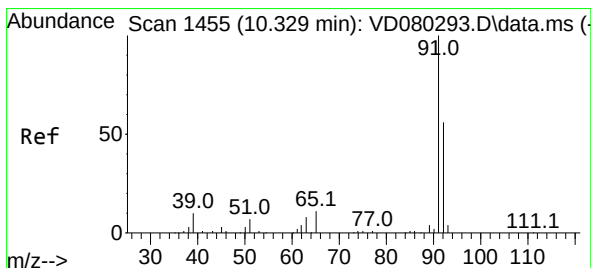
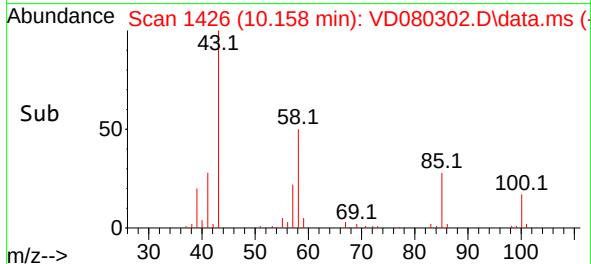
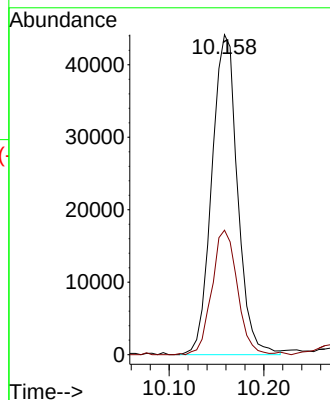
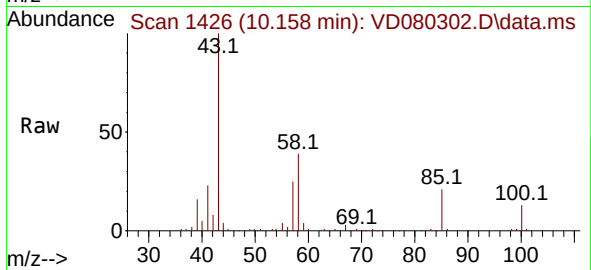




#51
4-Methyl-2-Pentanone
Concen: 101.861 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.001 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

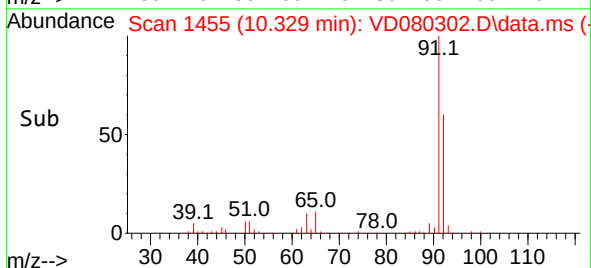
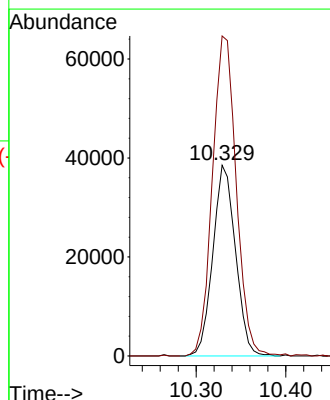
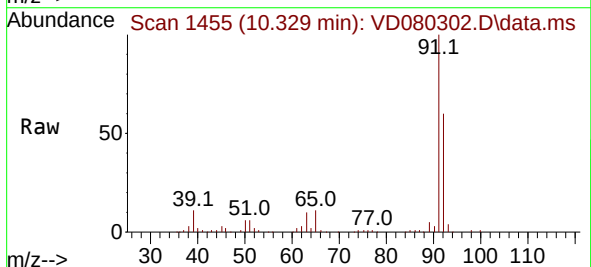
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

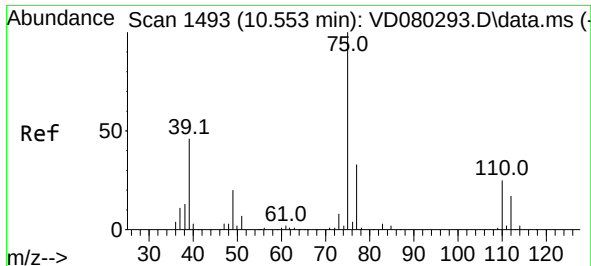
Tgt Ion: 43 Resp: 83285
Ion Ratio Lower Upper
43 100
58 38.5 32.8 49.2



#52
Toluene
Concen: 21.365 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. -0.005 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Tgt Ion: 92 Resp: 67492
Ion Ratio Lower Upper
92 100
91 176.9 139.3 208.9

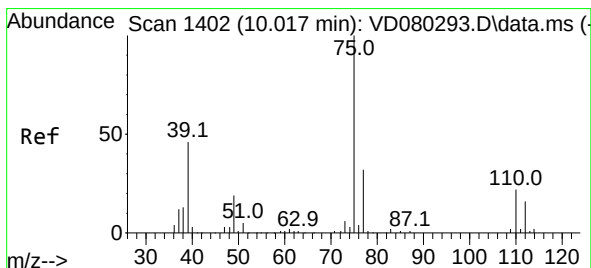
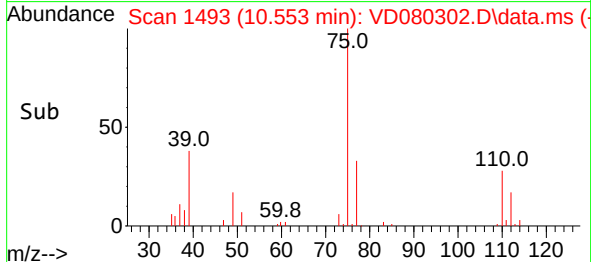
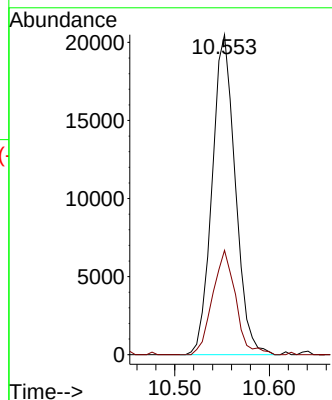
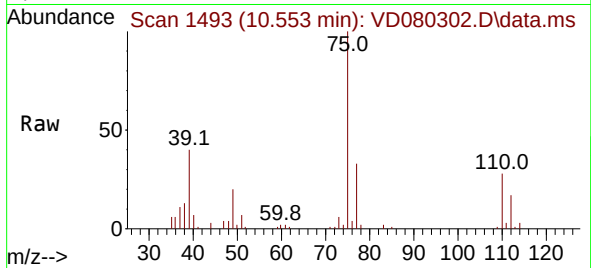




#53
 t-1,3-Dichloropropene
 Concen: 20.565 ug/l
 RT: 10.553 min Scan# 1493
 Delta R.T. 0.001 min
 Lab File: VD080302.D
 Acq: 13 May 2025 15:11

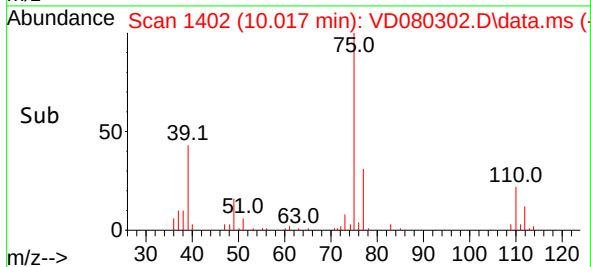
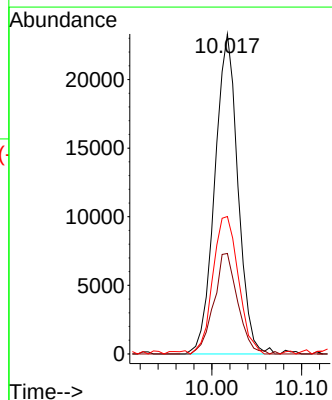
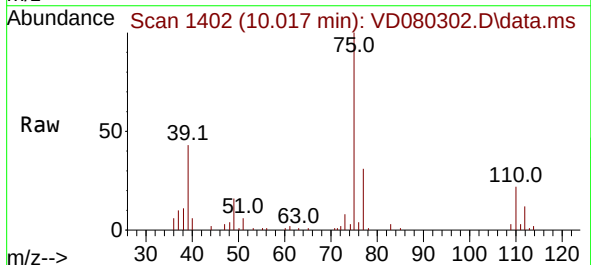
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS01

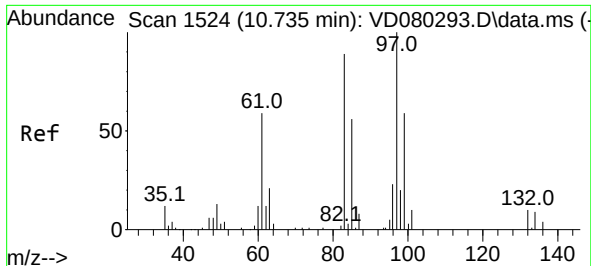
Tgt Ion: 75 Resp: 34842
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 21.266 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.001 min
 Lab File: VD080302.D
 Acq: 13 May 2025 15:11

Tgt Ion: 75 Resp: 41752
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.4
 39 42.9 33.2 49.8

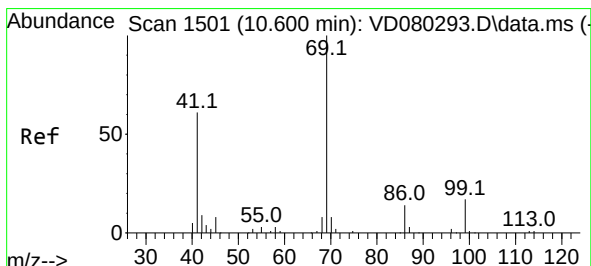
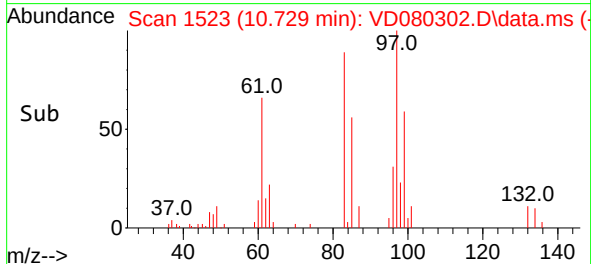
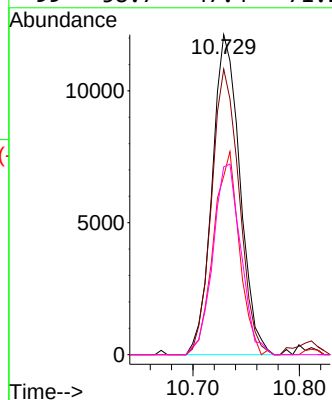
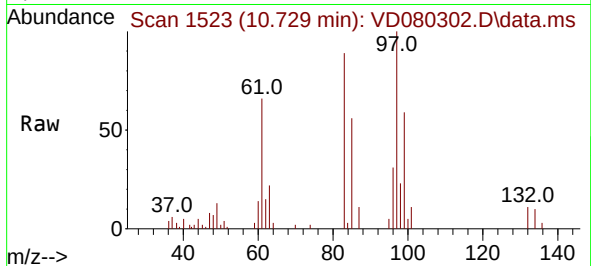




#55
1,1,2-Trichloroethane
Concen: 22.615 ug/l
RT: 10.729 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

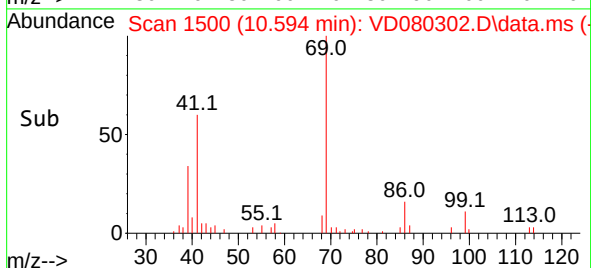
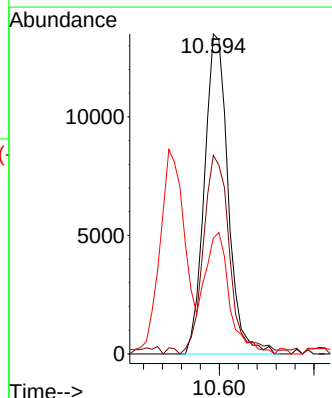
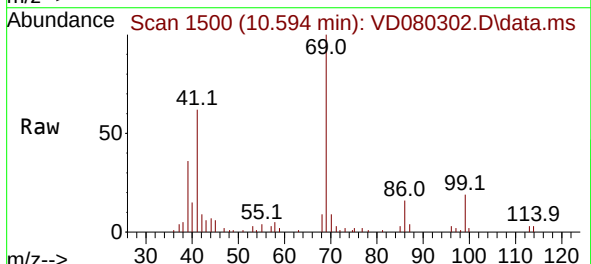
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

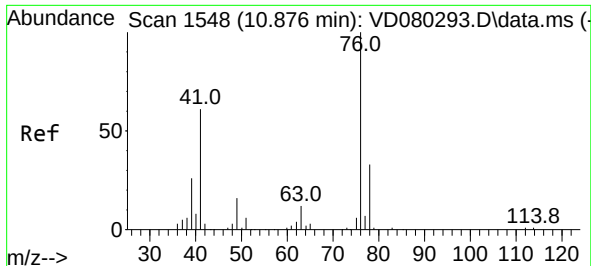
Tgt Ion:	97	Resp:	21903
Ion	Ratio	Lower	Upper
97	100		
83	89.3	69.2	103.8
85	55.8	43.0	64.6
99	58.7	47.4	71.2



#56
Ethyl methacrylate
Concen: 19.932 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. -0.005 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Tgt Ion:	69	Resp:	23392
Ion	Ratio	Lower	Upper
69	100		
41	69.0	50.4	75.6
39	39.3	26.0	39.0#





#57

1,3-Dichloropropane

Concen: 22.034 ug/l

RT: 10.876 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD080302.D

Acq: 13 May 2025 15:11

Instrument :

MSVOA_D

ClientSampleId :

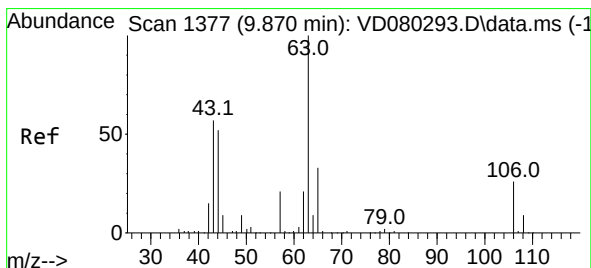
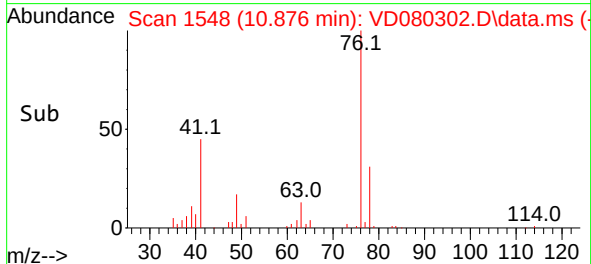
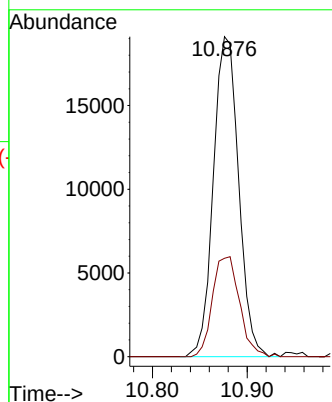
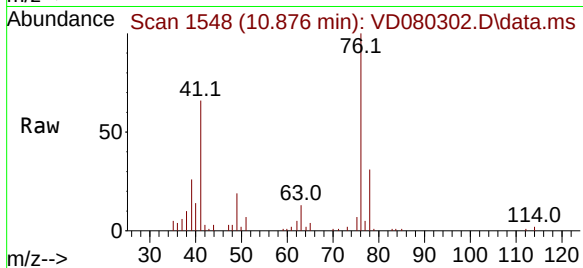
VD0513SBS01

Tgt Ion: 76 Resp: 35467

Ion Ratio Lower Upper

76 100

78 33.5 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 97.505 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VD080302.D

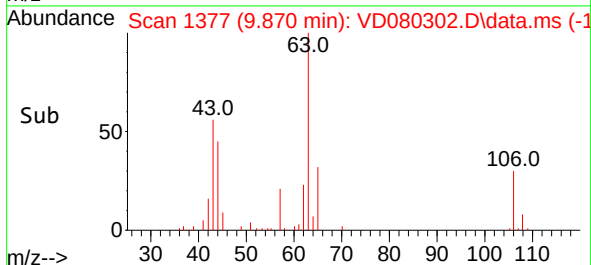
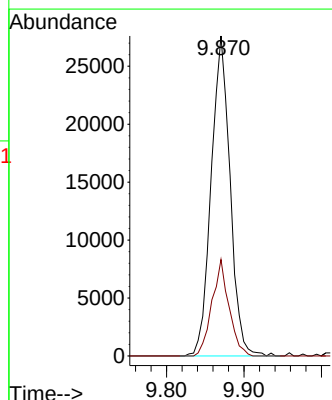
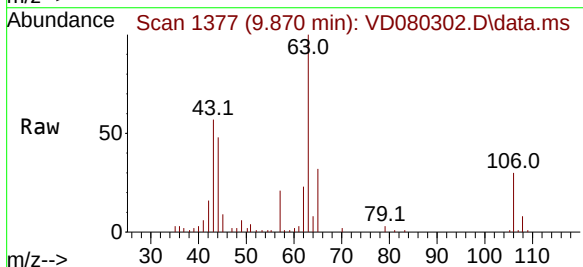
Acq: 13 May 2025 15:11

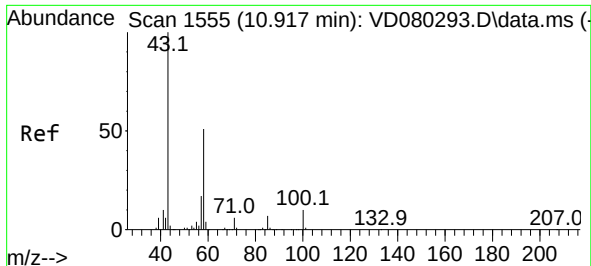
Tgt Ion: 63 Resp: 46831

Ion Ratio Lower Upper

63 100

106 27.2 21.8 32.6

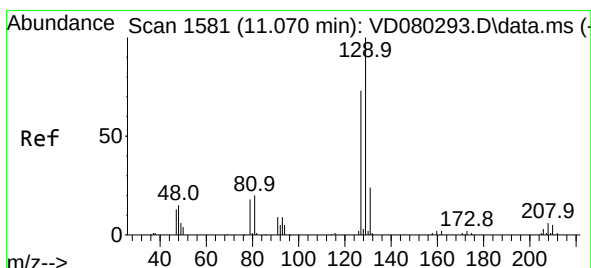
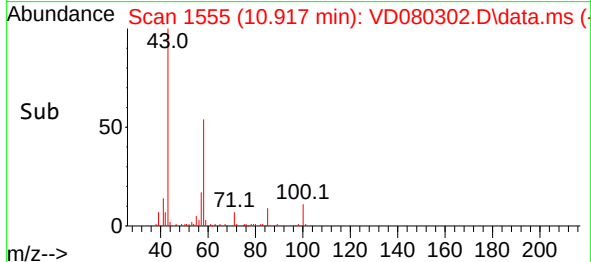
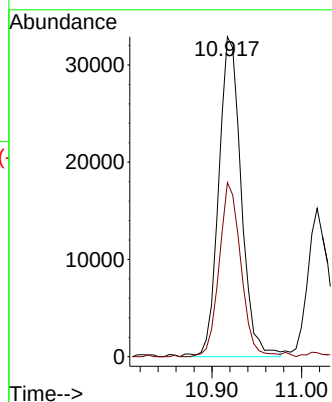
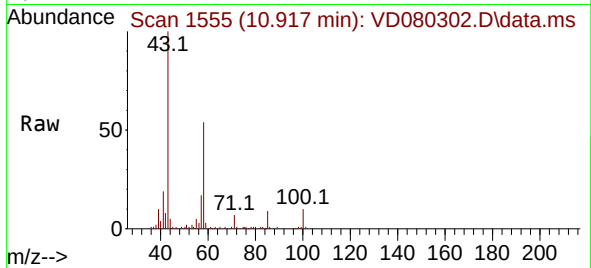




#59
2-Hexanone
Concen: 101.755 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.001 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

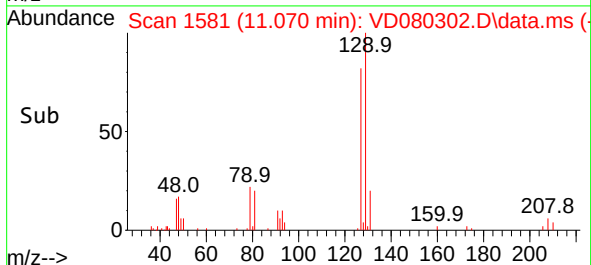
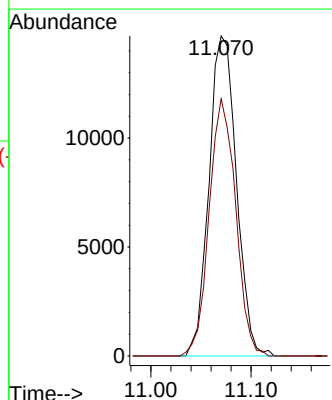
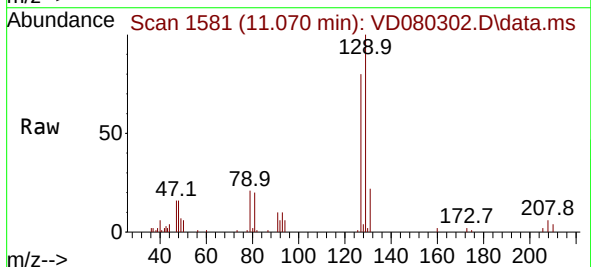
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

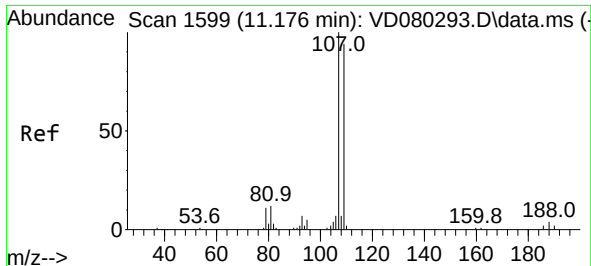
Tgt Ion: 43 Resp: 57232
Ion Ratio Lower Upper
43 100
58 52.4 27.8 83.4



#60
Dibromochloromethane
Concen: 22.981 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.005 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Tgt Ion: 129 Resp: 27893
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2

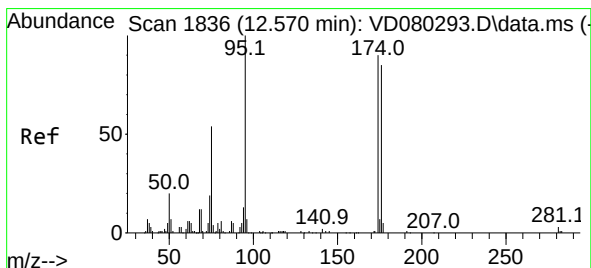
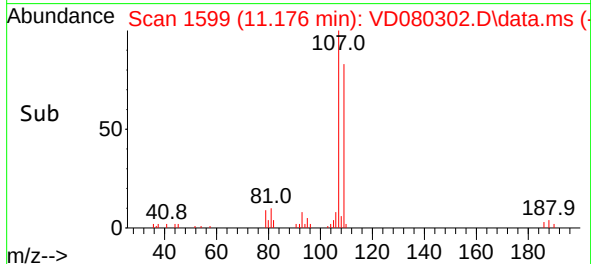
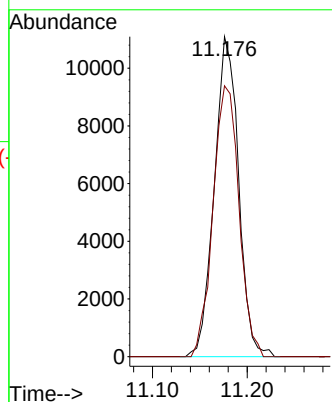
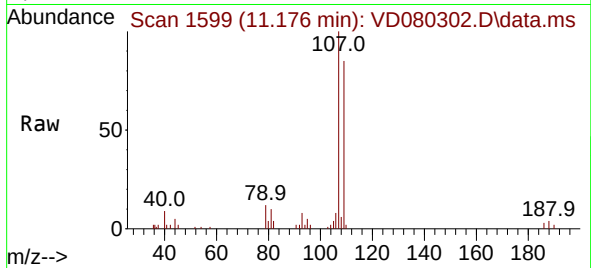




#61
1,2-Dibromoethane
Concen: 22.021 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.005 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

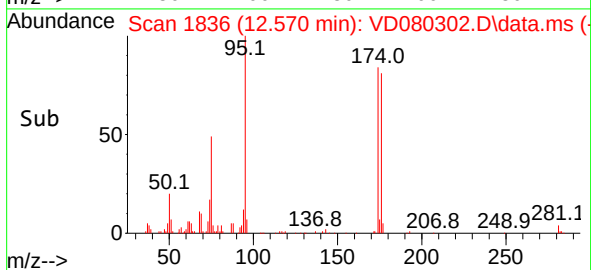
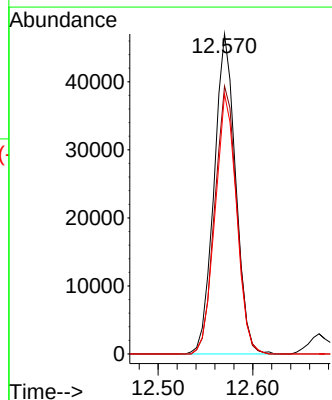
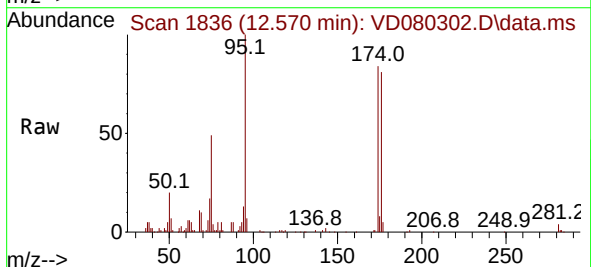
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

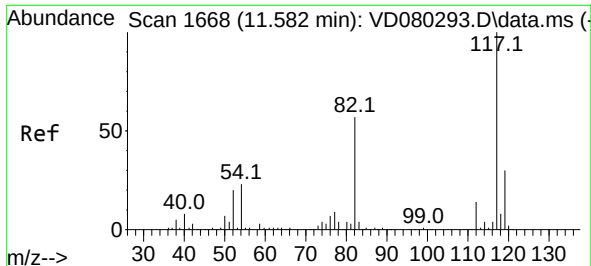
Tgt Ion:107 Resp: 19777
Ion Ratio Lower Upper
107 100
109 90.5 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 52.673 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Tgt Ion: 95 Resp: 74591
Ion Ratio Lower Upper
95 100
174 84.8 0.0 173.4
176 80.9 0.0 166.6

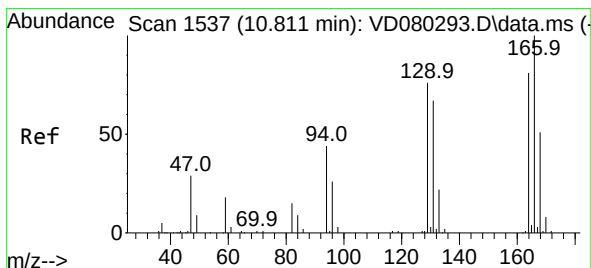
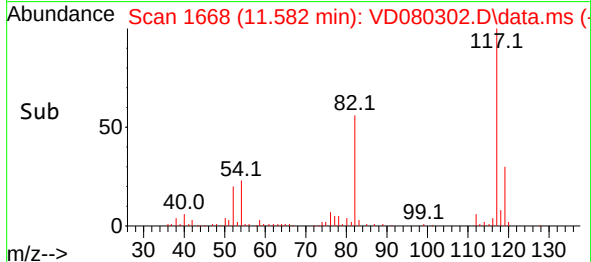
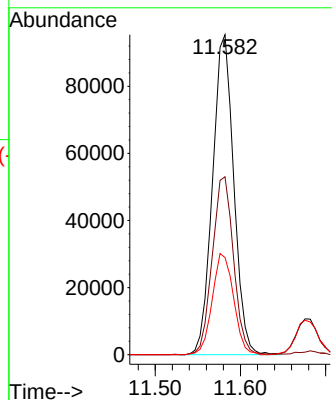
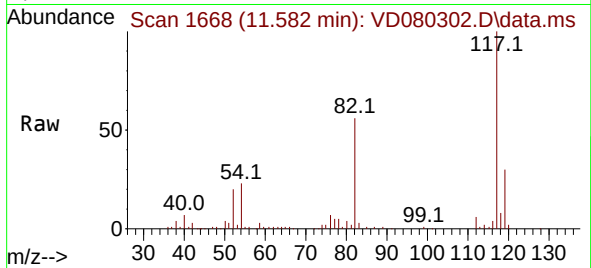




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

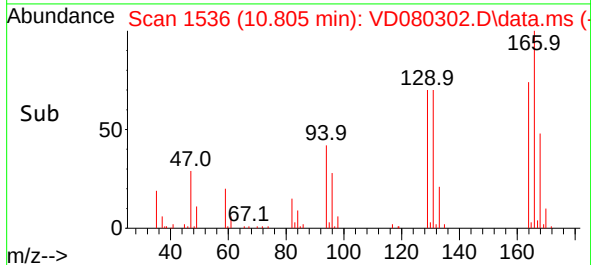
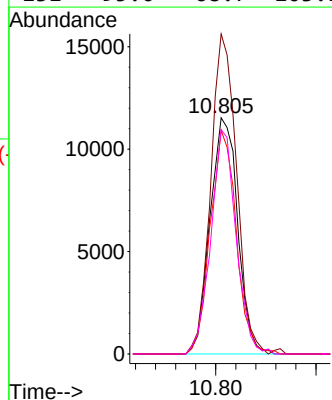
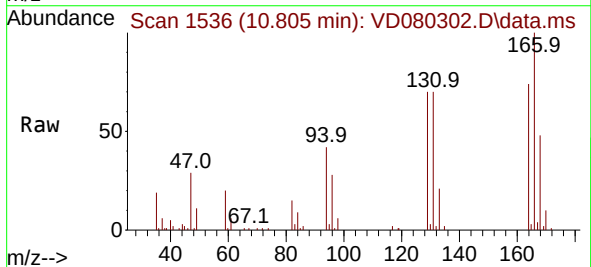
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

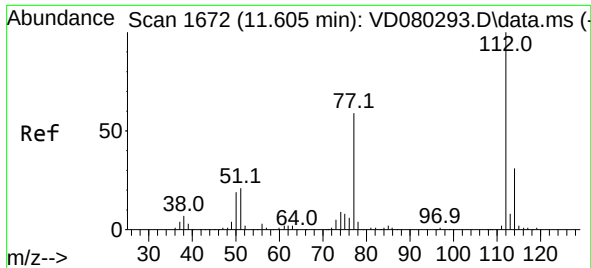
Tgt Ion:117 Resp: 165085
Ion Ratio Lower Upper
117 100
82 55.6 45.8 68.6
119 30.3 26.2 39.2



#64
Tetrachloroethene
Concen: 19.696 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. -0.005 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Tgt Ion:164 Resp: 22019
Ion Ratio Lower Upper
164 100
166 135.5 97.5 146.3
129 94.7 70.6 106.0
131 95.0 68.7 103.1

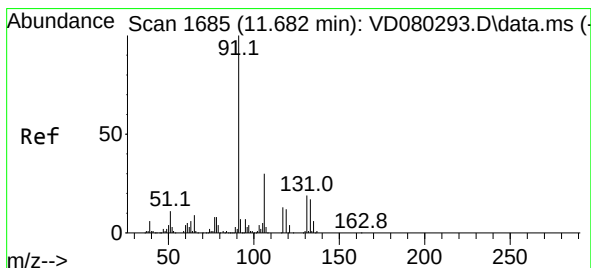
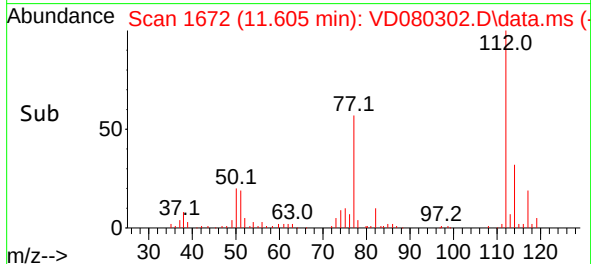
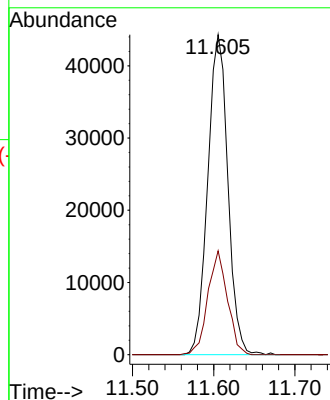
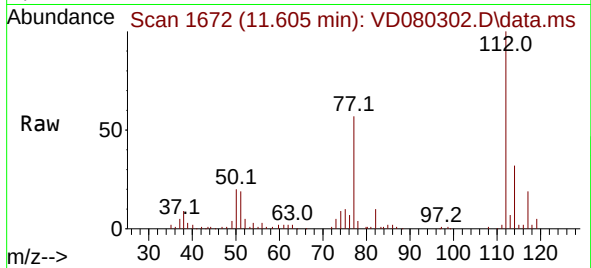




#65
Chlorobenzene
Concen: 20.448 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.001 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

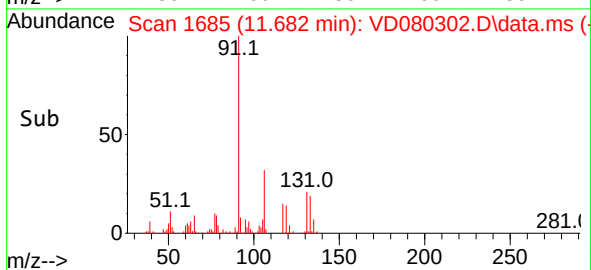
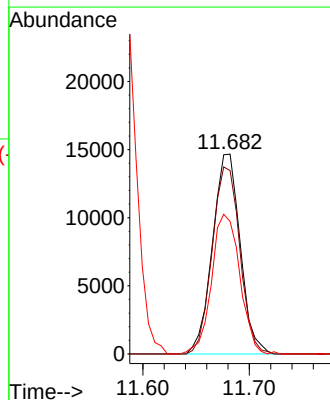
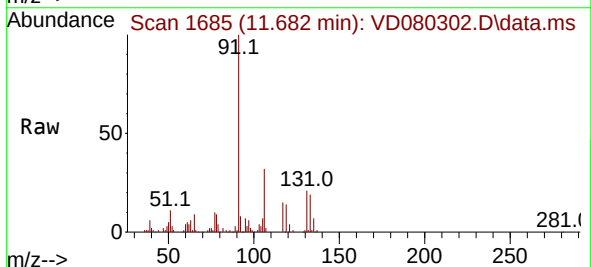
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

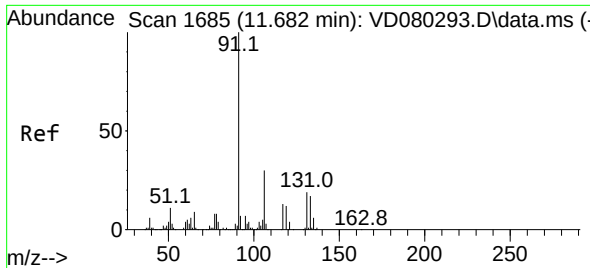
Tgt Ion:112 Resp: 76220
Ion Ratio Lower Upper
112 100
114 32.5 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.710 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.001 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Tgt Ion:131 Resp: 26522
Ion Ratio Lower Upper
131 100
133 93.3 48.8 146.4
119 71.2 34.8 104.3





#67

Ethyl Benzene

Concen: 18.583 ug/l

RT: 11.682 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD080302.D

Acq: 13 May 2025 15:11

Instrument :

MSVOA_D

ClientSampleId :

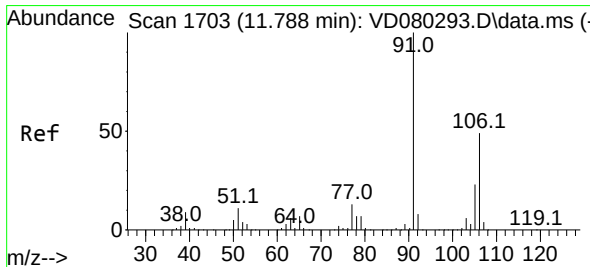
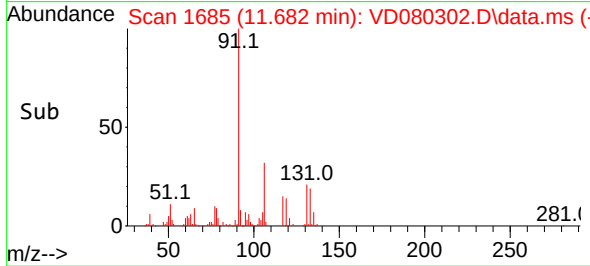
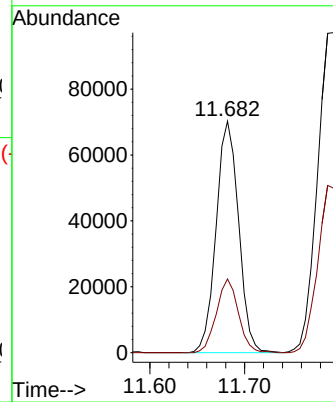
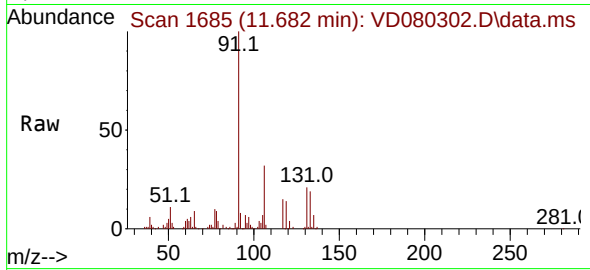
VD0513SBS01

Tgt Ion: 91 Resp: 115755

Ion Ratio Lower Upper

91 100

106 31.9 23.6 35.4



#68

m/p-Xylenes

Concen: 39.564 ug/l

RT: 11.788 min Scan# 1703

Delta R.T. -0.005 min

Lab File: VD080302.D

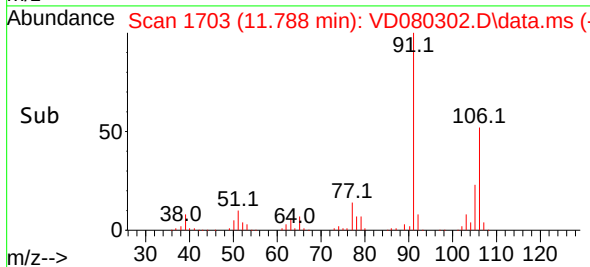
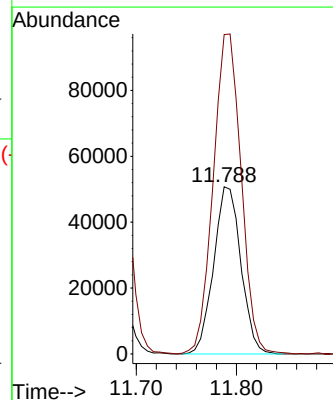
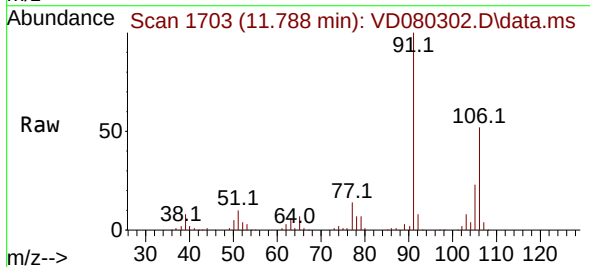
Acq: 13 May 2025 15:11

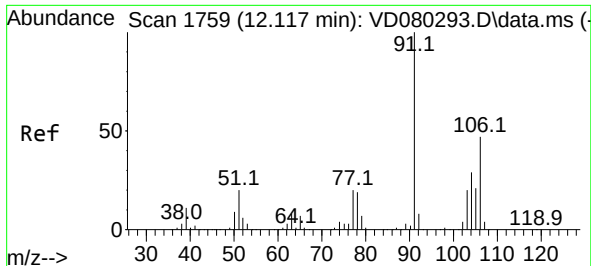
Tgt Ion: 106 Resp: 95694

Ion Ratio Lower Upper

106 100

91 196.5 162.6 244.0

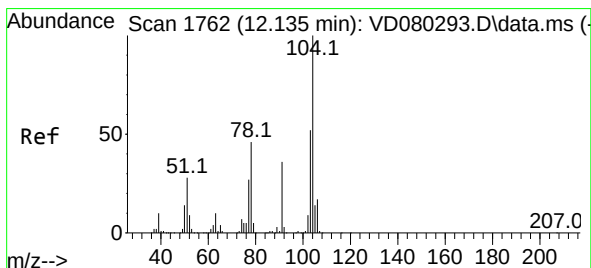
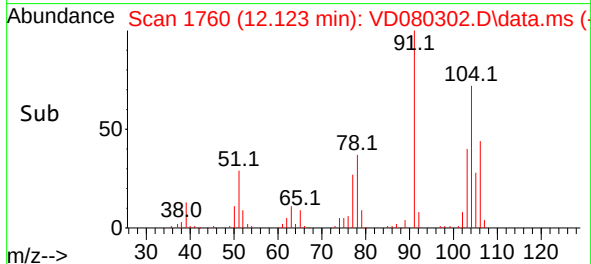
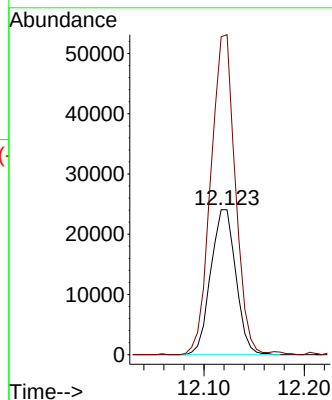
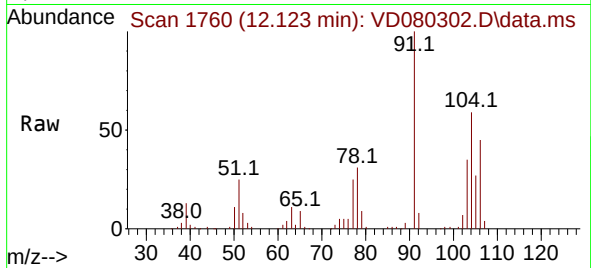




#69
o-Xylene
Concen: 18.884 ug/l
RT: 12.123 min Scan# 1760
Delta R.T. 0.007 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

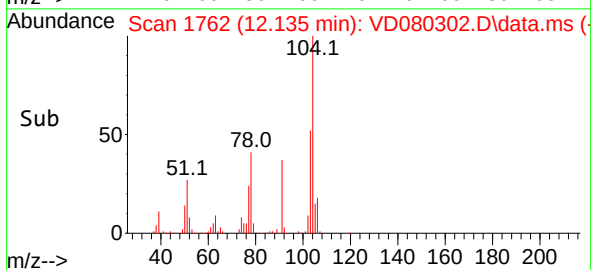
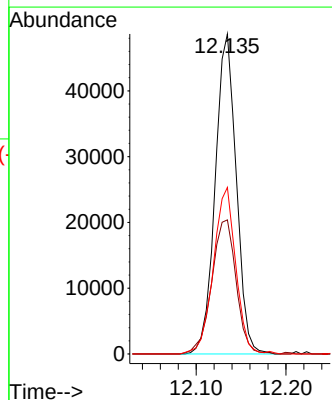
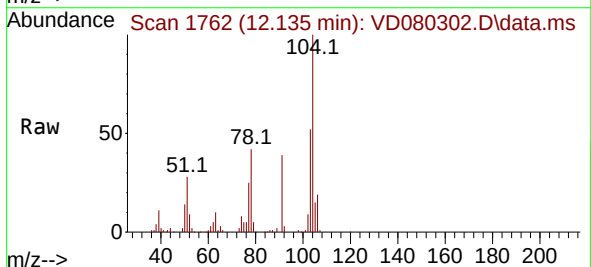
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

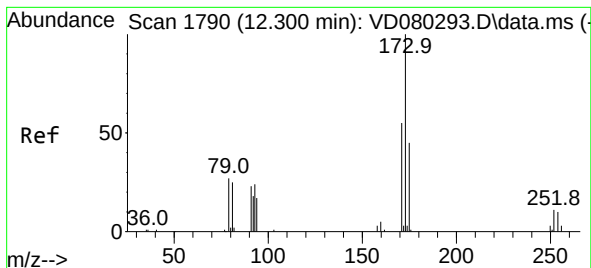
Tgt Ion:106 Resp: 41736
Ion Ratio Lower Upper
106 100
91 215.9 110.5 331.5



#70
Styrene
Concen: 19.966 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.001 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Tgt Ion:104 Resp: 79240
Ion Ratio Lower Upper
104 100
78 48.5 39.8 59.8
103 55.4 45.2 67.8





#71

Bromoform

Concen: 22.133 ug/l

RT: 12.294 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD080302.D

Acq: 13 May 2025 15:11

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBSD01

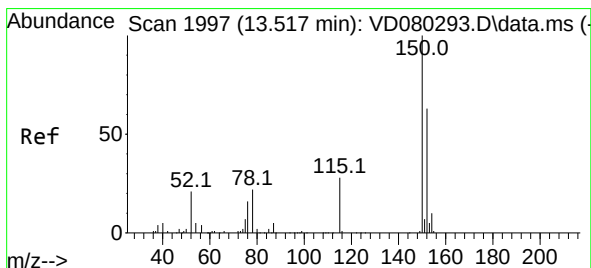
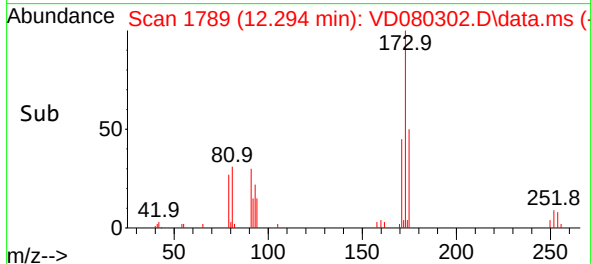
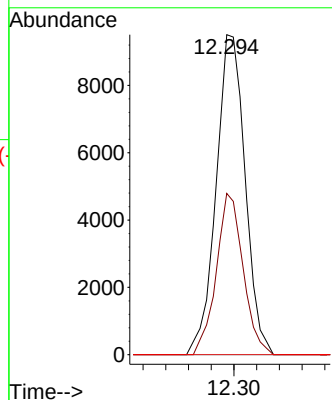
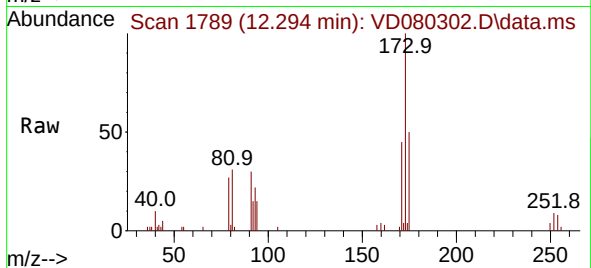
Tgt Ion:173 Resp: 16840

Ion Ratio Lower Upper

173 100

175 46.6 24.8 74.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.511 min Scan# 1996

Delta R.T. -0.005 min

Lab File: VD080302.D

Acq: 13 May 2025 15:11

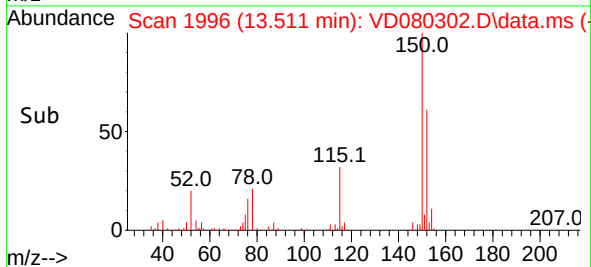
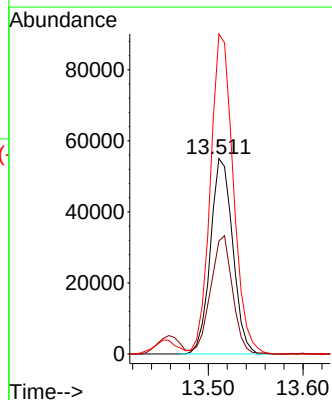
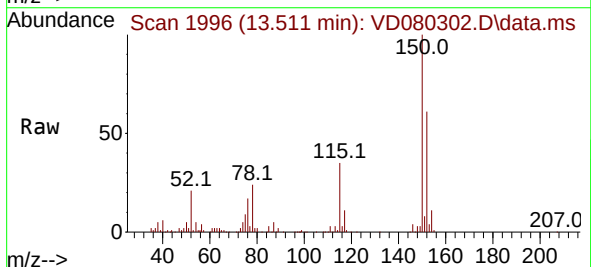
Tgt Ion:152 Resp: 90120

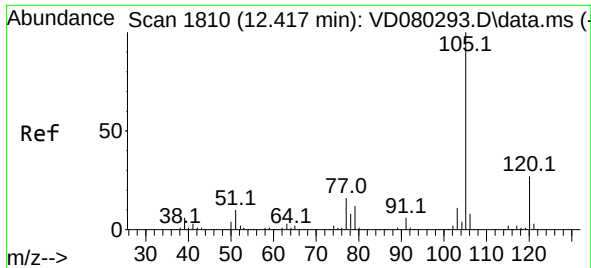
Ion Ratio Lower Upper

152 100

115 59.4 28.9 86.8

150 168.1 0.0 354.8

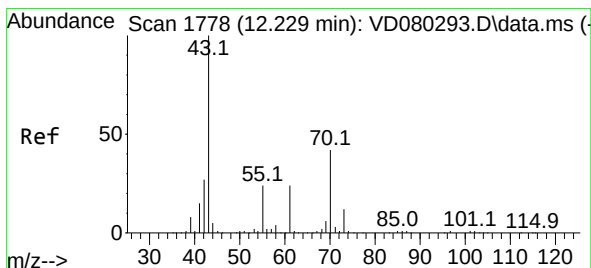
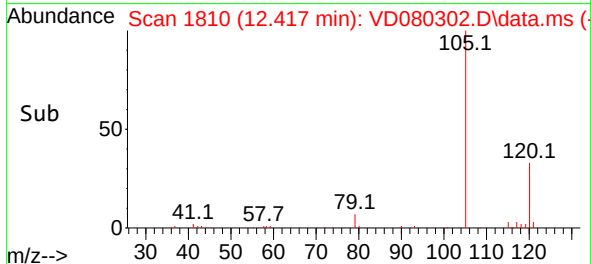
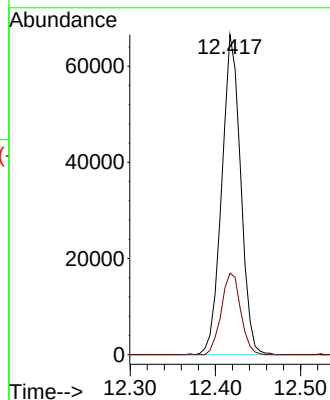
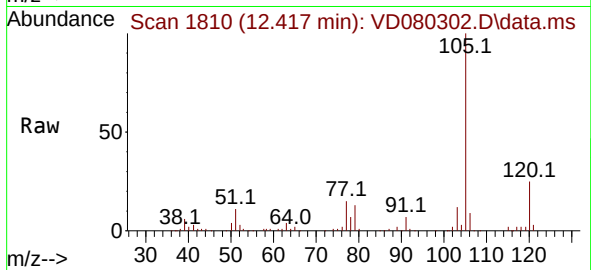




#73
Isopropylbenzene
Concen: 17.551 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.005 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

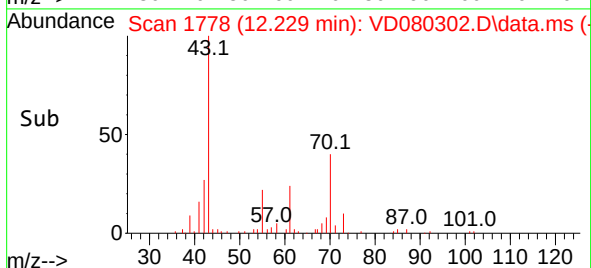
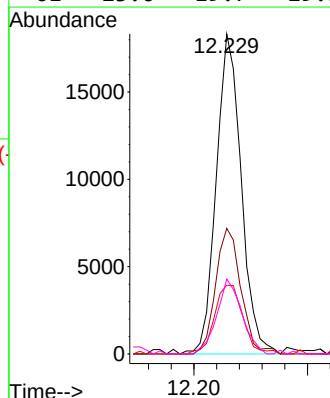
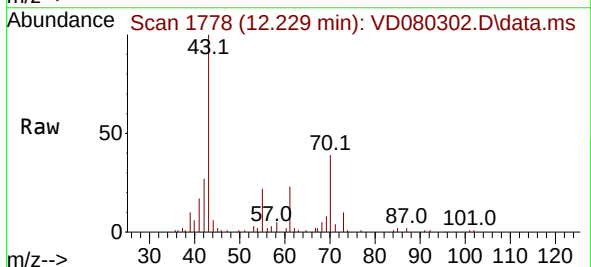
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

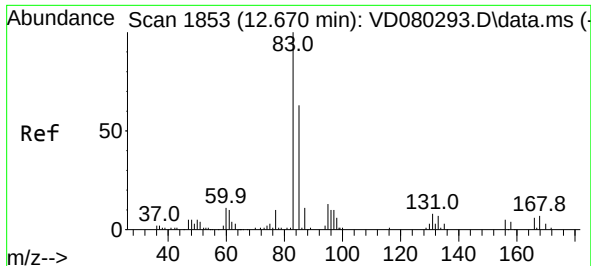
Tgt Ion:105 Resp: 102601
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.9



#74
N-ethyl acetate
Concen: 16.686 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.005 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Tgt Ion: 43 Resp: 27996
Ion Ratio Lower Upper
43 100
70 39.7 36.3 54.5
55 24.4 20.3 30.5
61 23.6 19.7 29.5

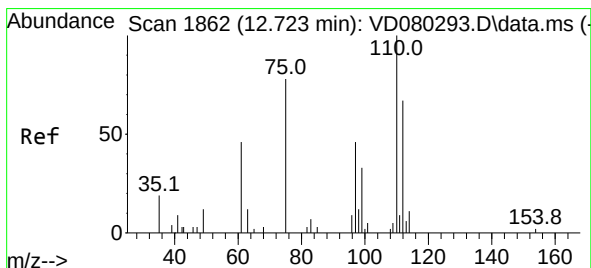
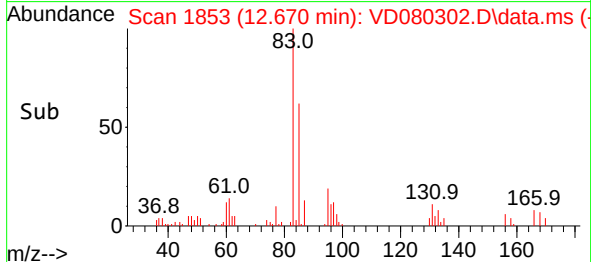
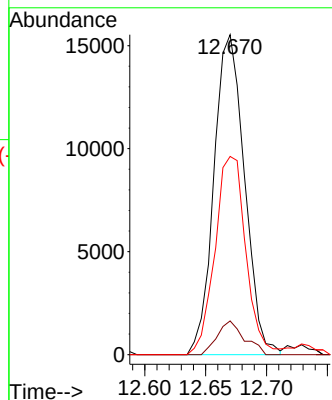
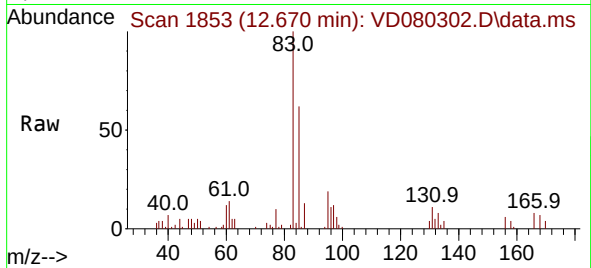




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.088 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.001 min
 Lab File: VD080302.D
 Acq: 13 May 2025 15:11

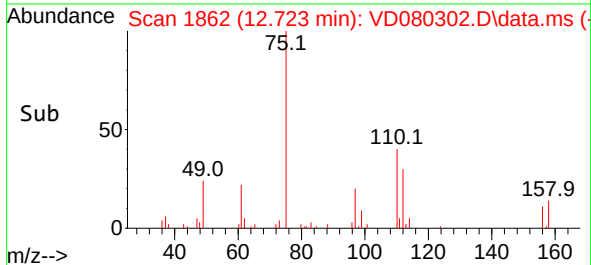
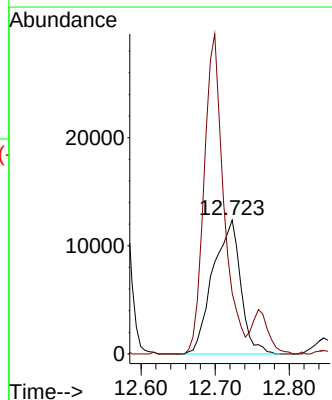
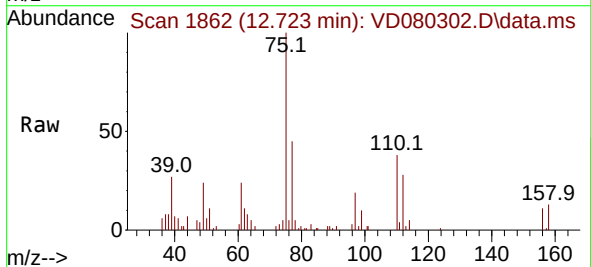
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBSD01

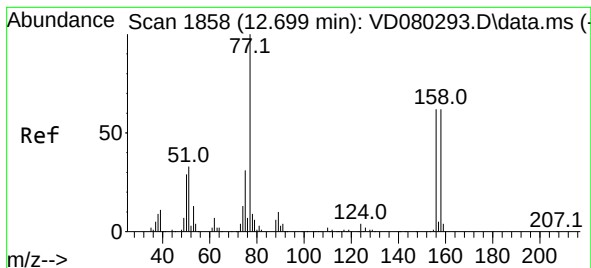
Tgt Ion: 83 Resp: 27110
 Ion Ratio Lower Upper
 83 100
 131 9.3 5.1 15.3
 85 62.6 32.9 98.6



#76
 1,2,3-Trichloropropane
 Concen: 37.099 ug/l
 RT: 12.723 min Scan# 1862
 Delta R.T. 0.001 min
 Lab File: VD080302.D
 Acq: 13 May 2025 15:11

Tgt Ion: 75 Resp: 32268
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.574 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VD080302.D

Acq: 13 May 2025 15:11

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBSD01

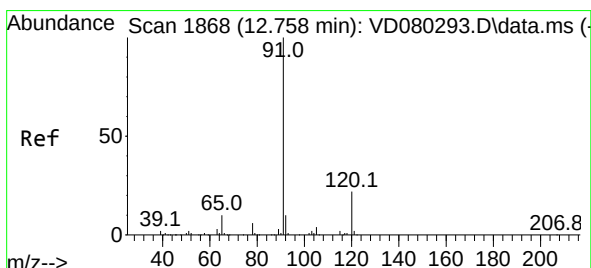
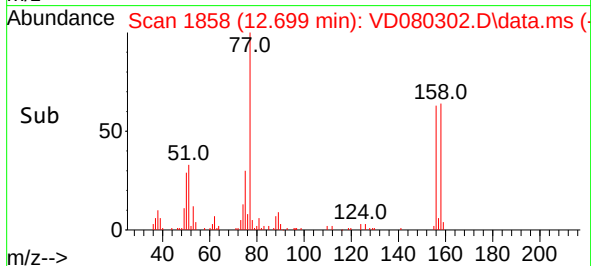
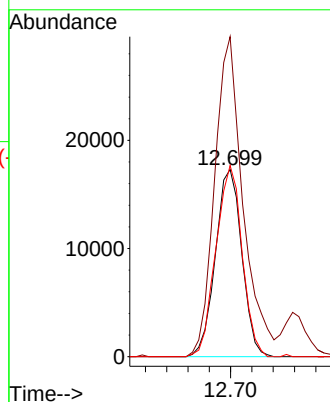
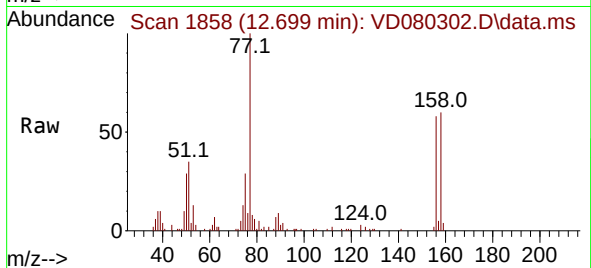
Tgt Ion:156 Resp: 29682

Ion Ratio Lower Upper

156 100

77 183.9 89.8 269.6

158 101.7 47.9 143.8



#78

n-propylbenzene

Concen: 18.344 ug/l

RT: 12.758 min Scan# 1868

Delta R.T. -0.005 min

Lab File: VD080302.D

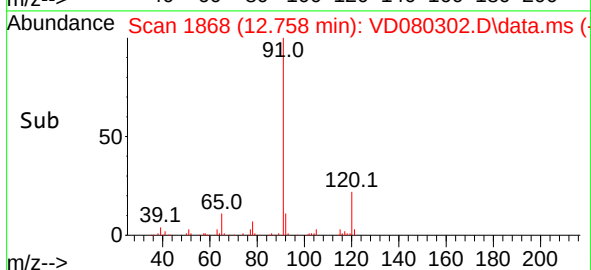
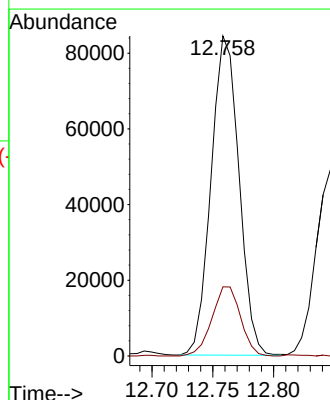
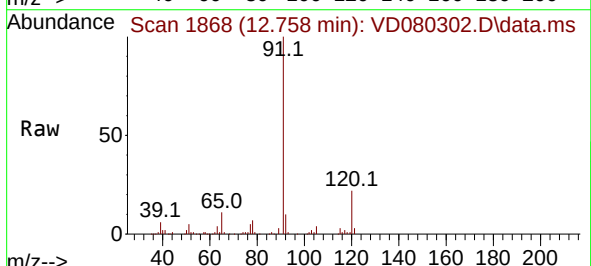
Acq: 13 May 2025 15:11

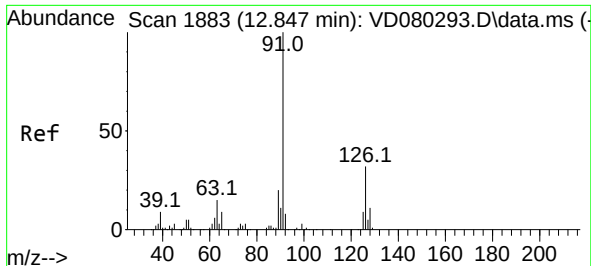
Tgt Ion: 91 Resp: 134576

Ion Ratio Lower Upper

91 100

120 22.3 11.2 33.5

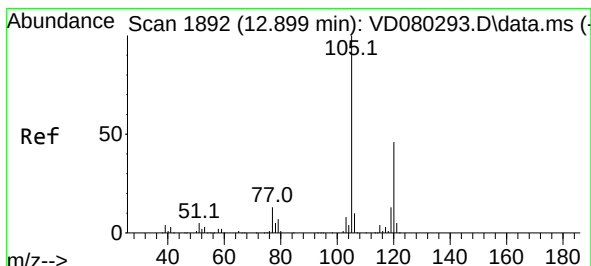
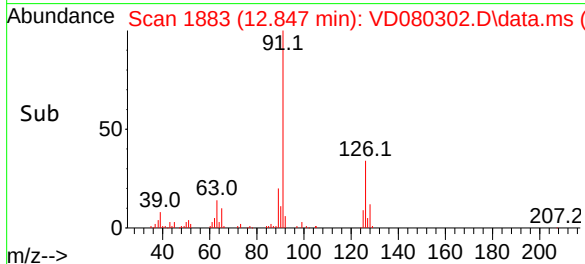
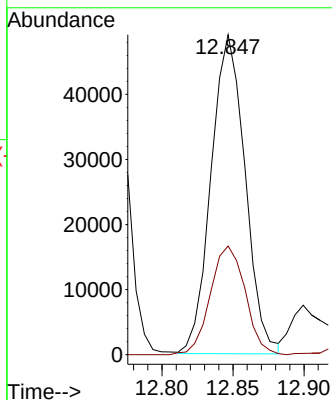
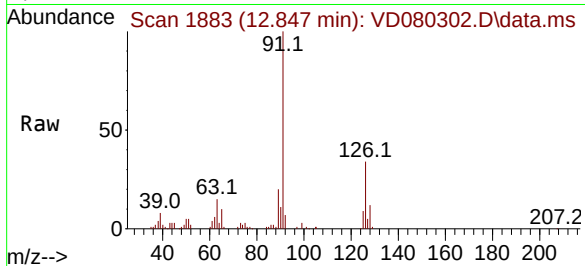




#79
2-Chlorotoluene
Concen: 19.155 ug/l
RT: 12.847 min Scan# 1883
Delta R.T. 0.001 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

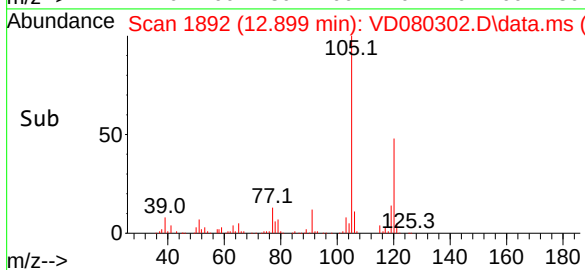
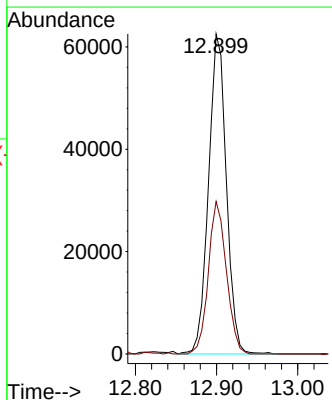
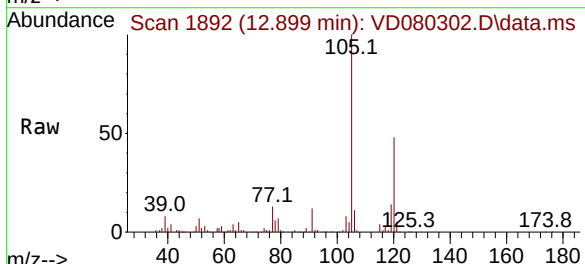
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

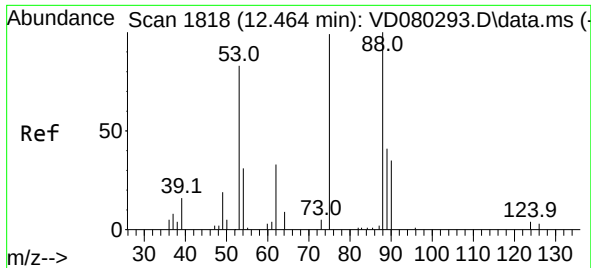
Tgt Ion: 91 Resp: 81739
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 19.101 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.005 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Tgt Ion: 105 Resp: 95239
Ion Ratio Lower Upper
105 100
120 48.2 25.0 75.0

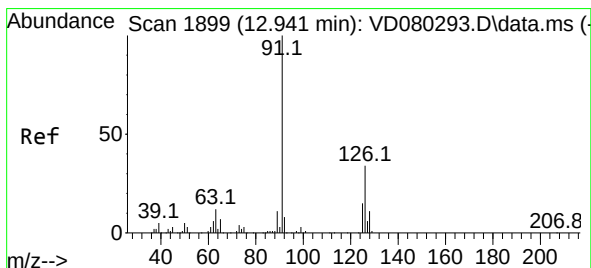
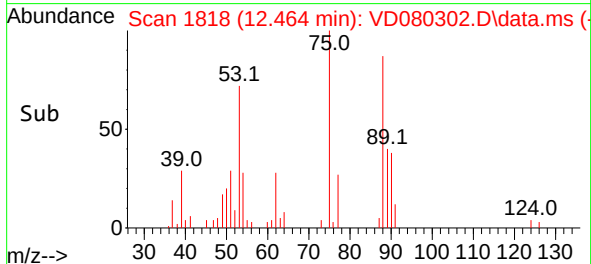
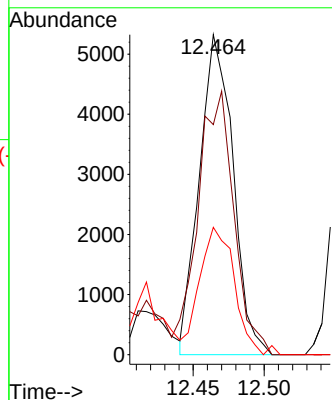
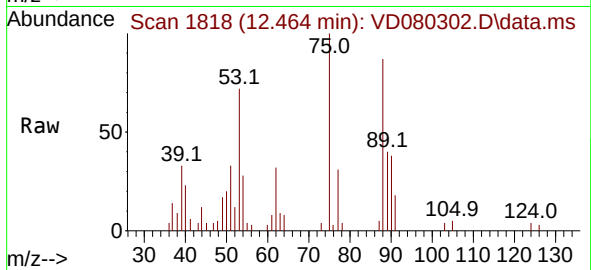




#81
trans-1,4-Dichloro-2-butene
Concen: 19.148 ug/l
RT: 12.464 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

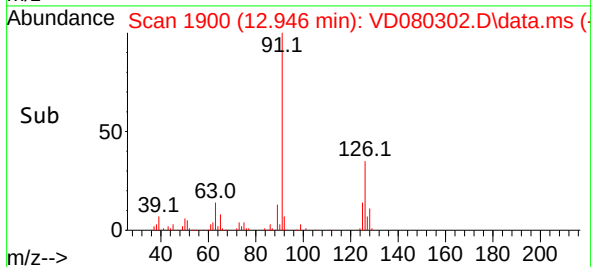
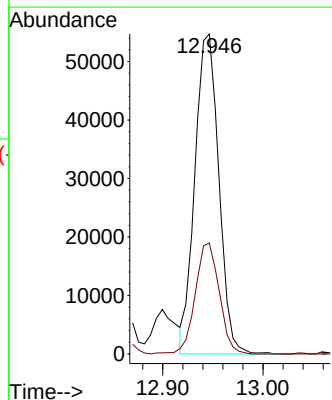
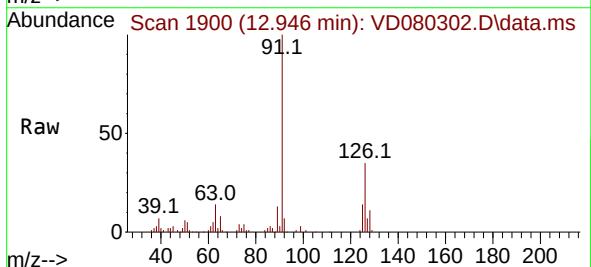
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

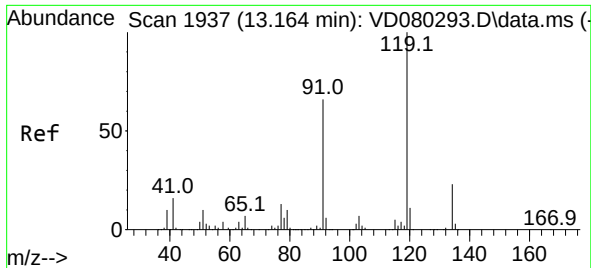
Tgt Ion: 75 Resp: 8774
Ion Ratio Lower Upper
75 100
53 88.1 68.7 103.1
89 41.4 36.1 54.1



#82
4-Chlorotoluene
Concen: 19.702 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Tgt Ion: 91 Resp: 90753
Ion Ratio Lower Upper
91 100
126 34.8 16.8 50.3

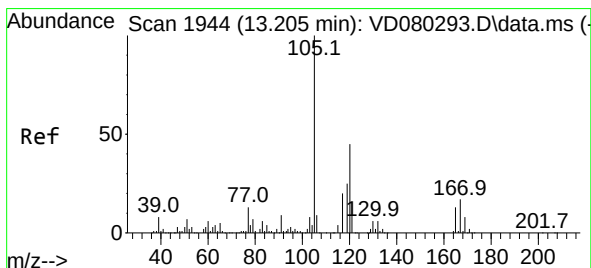
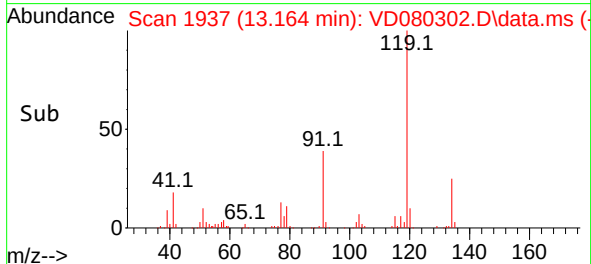
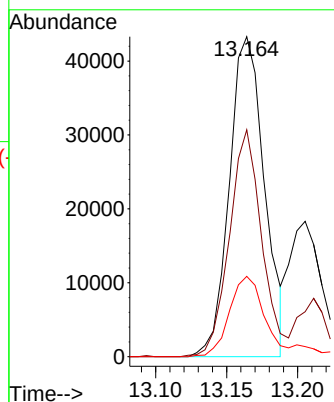
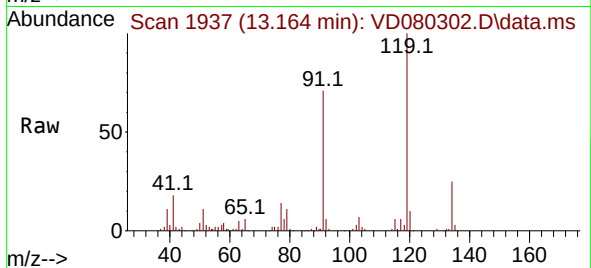




#83
 tert-Butylbenzene
 Concen: 17.927 ug/l
 RT: 13.164 min Scan# 1937
 Delta R.T. 0.001 min
 Lab File: VD080302.D
 Acq: 13 May 2025 15:11

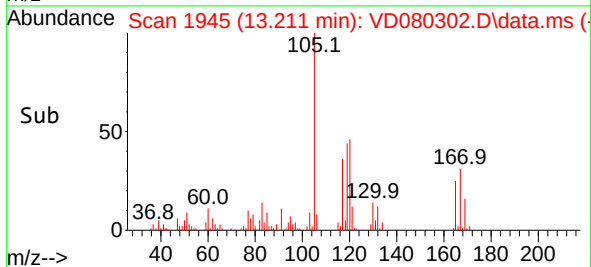
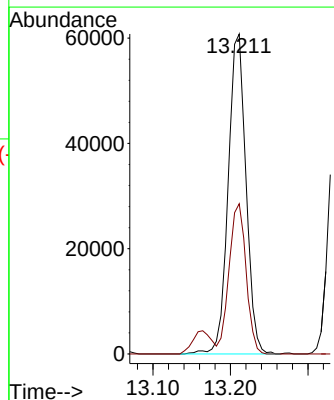
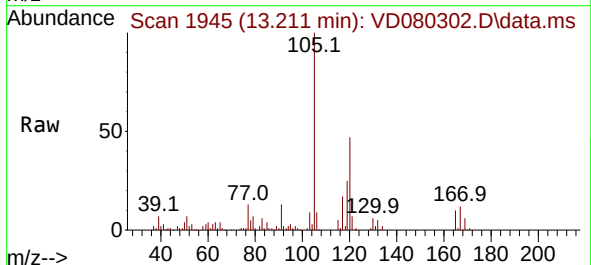
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBSD01

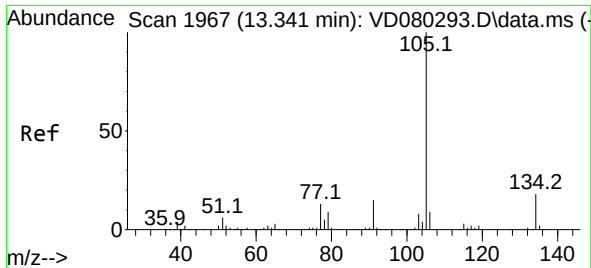
Tgt Ion:119 Resp: 74591
 Ion Ratio Lower Upper
 119 100
 91 65.6 33.3 99.9
 134 24.8 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.019 ug/l
 RT: 13.211 min Scan# 1945
 Delta R.T. 0.001 min
 Lab File: VD080302.D
 Acq: 13 May 2025 15:11

Tgt Ion:105 Resp: 97028
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.8 68.4

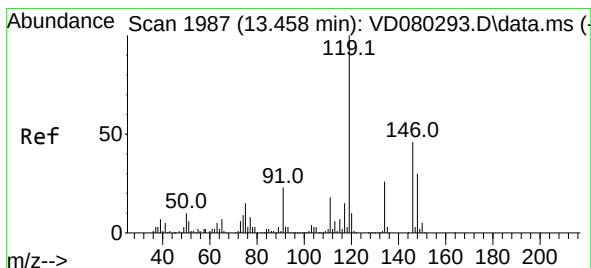
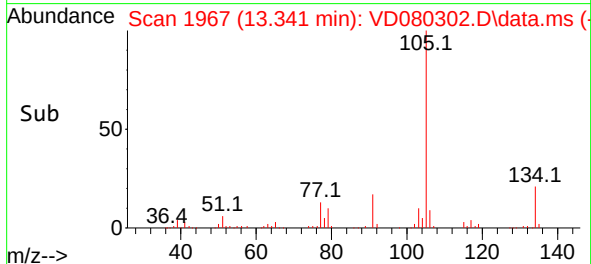
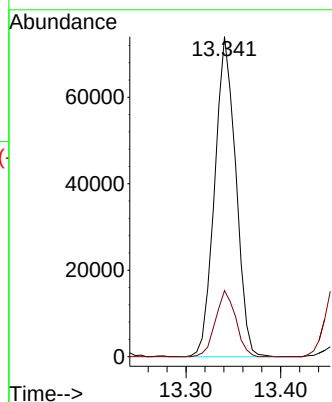
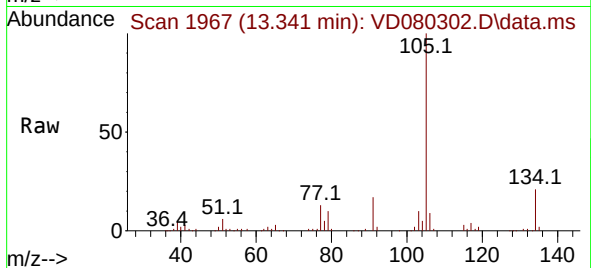




#85
 sec-Butylbenzene
 Concen: 17.882 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. 0.001 min
 Lab File: VD080302.D
 Acq: 13 May 2025 15:11

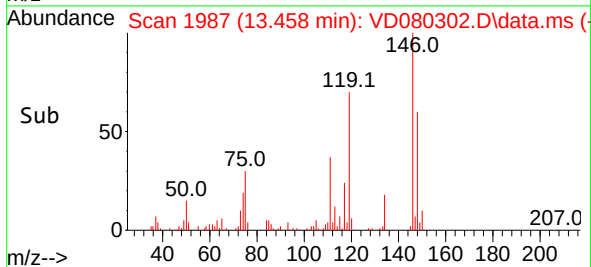
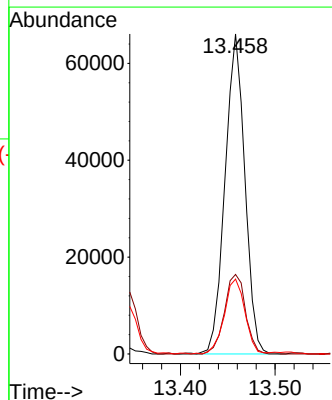
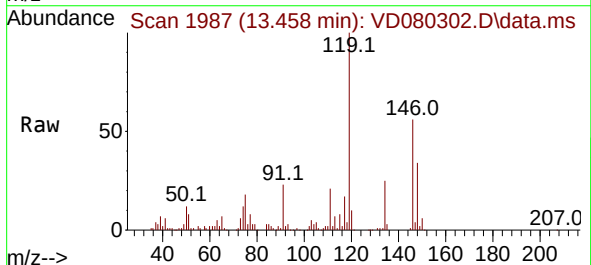
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBSD01

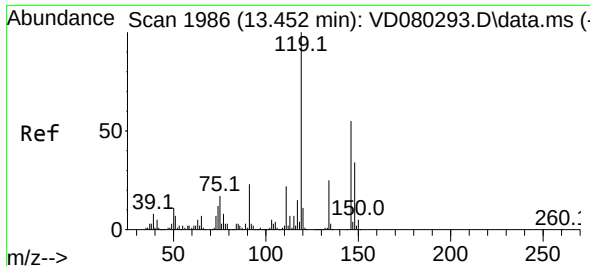
Tgt Ion:105 Resp: 114737
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 17.842 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.001 min
 Lab File: VD080302.D
 Acq: 13 May 2025 15:11

Tgt Ion:119 Resp: 96213
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 24.5 12.2 36.4

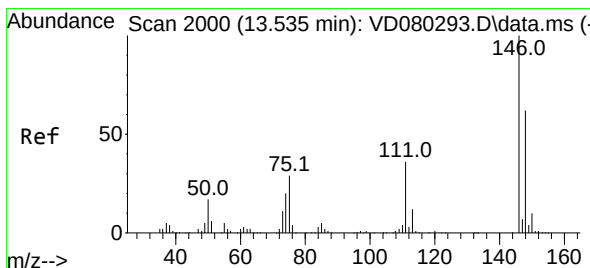
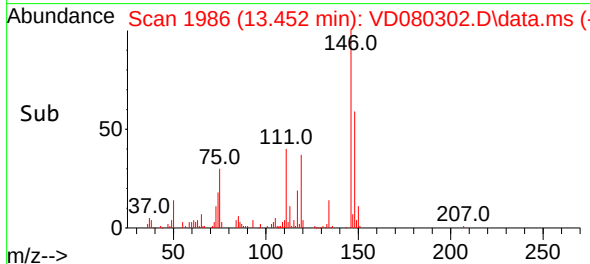
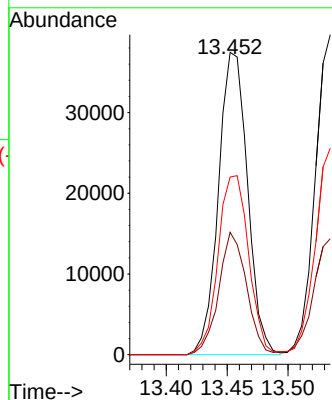
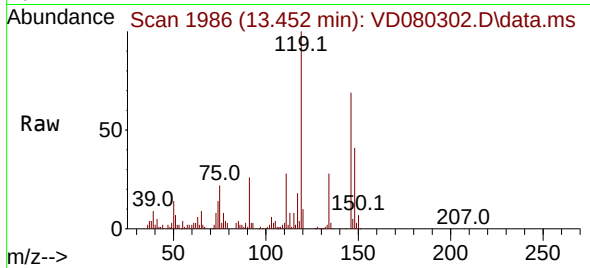




#87
 1,3-Dichlorobenzene
 Concen: 19.718 ug/l
 RT: 13.452 min Scan# 1986
 Delta R.T. -0.005 min
 Lab File: VD080302.D
 Acq: 13 May 2025 15:11

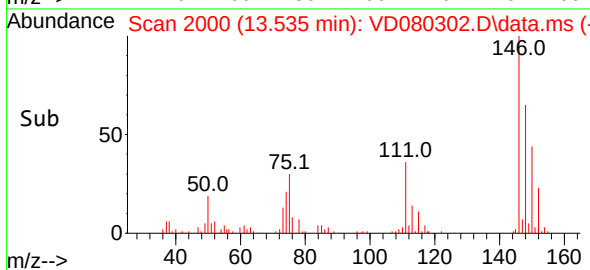
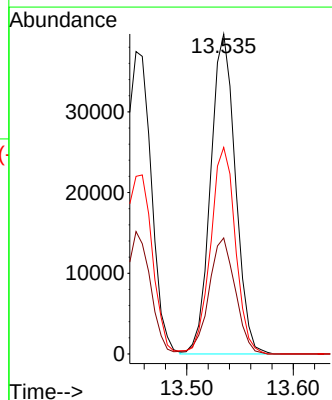
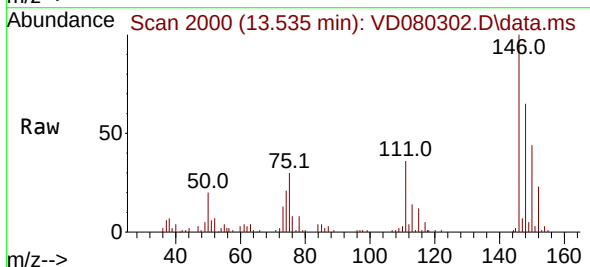
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS01

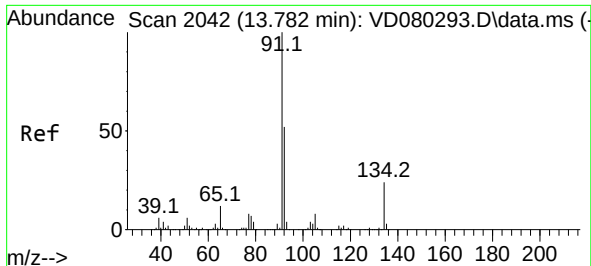
Tgt Ion:146 Resp: 62356
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.0 59.9
 148 62.5 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.150 ug/l
 RT: 13.535 min Scan# 2000
 Delta R.T. 0.001 min
 Lab File: VD080302.D
 Acq: 13 May 2025 15:11

Tgt Ion:146 Resp: 64239
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.3 57.8
 148 64.6 32.9 98.7

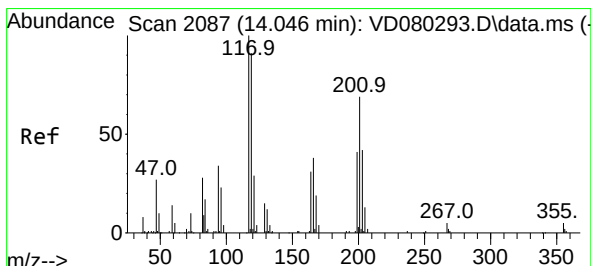
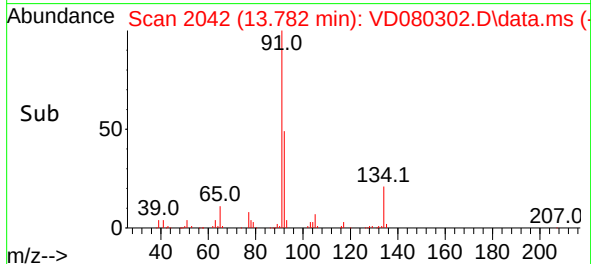
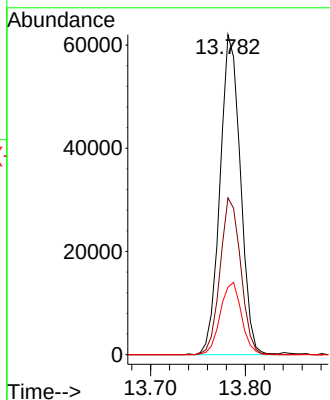
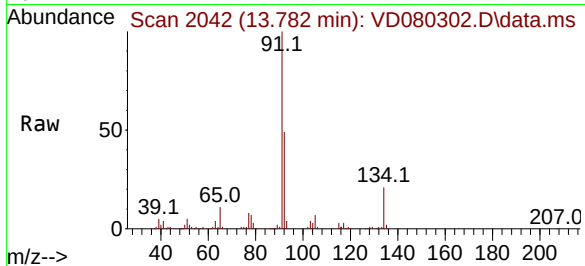




#89
n-Butylbenzene
Concen: 17.763 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. -0.005 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

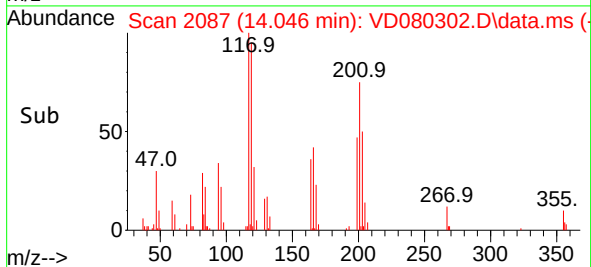
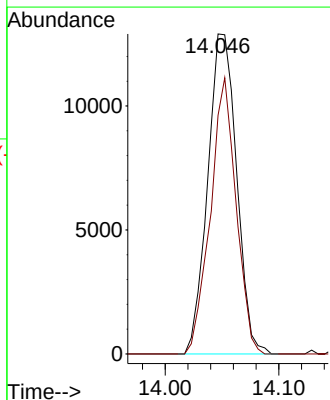
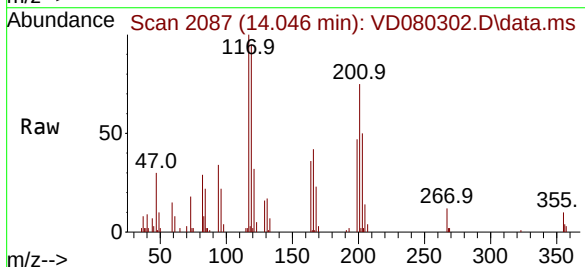
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

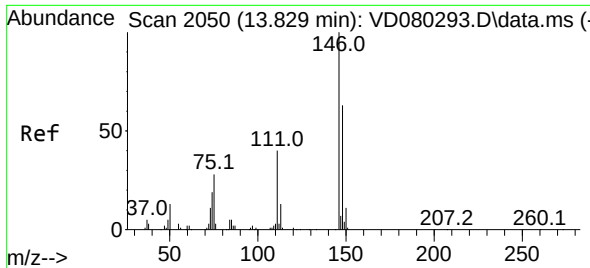
Tgt Ion:	91	Resp:	92984
Ion	Ratio	Lower	Upper
91	100		
92	49.5	26.3	78.9
134	23.5	12.3	36.8



#90
Hexachloroethane
Concen: 19.153 ug/l
RT: 14.046 min Scan# 2087
Delta R.T. -0.005 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Tgt Ion:	117	Resp:	22853
Ion	Ratio	Lower	Upper
117	100		
201	76.6	37.5	112.5

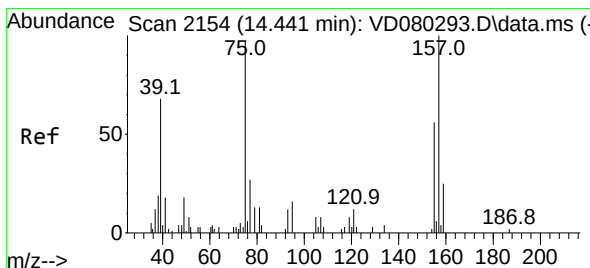
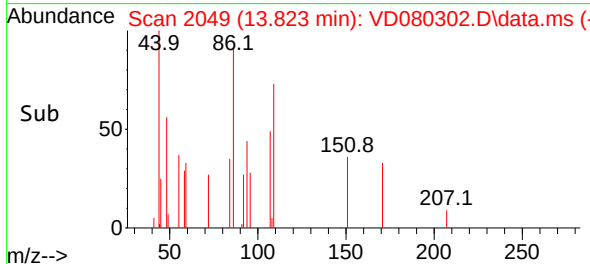
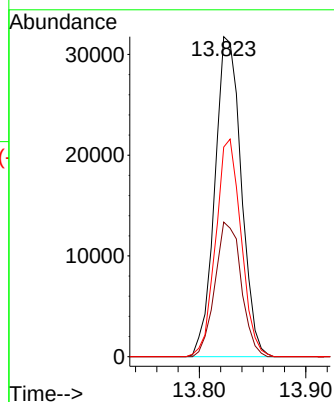
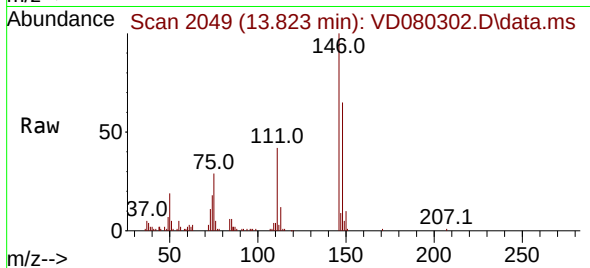




#91
 1,2-Dichlorobenzene
 Concen: 19.868 ug/l
 RT: 13.823 min Scan# 2050
 Delta R.T. -0.005 min
 Lab File: VD080302.D
 Acq: 13 May 2025 15:11

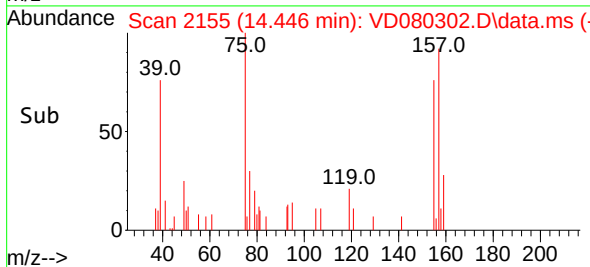
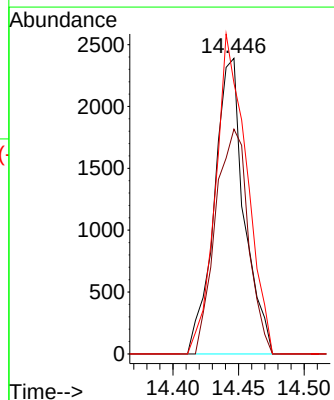
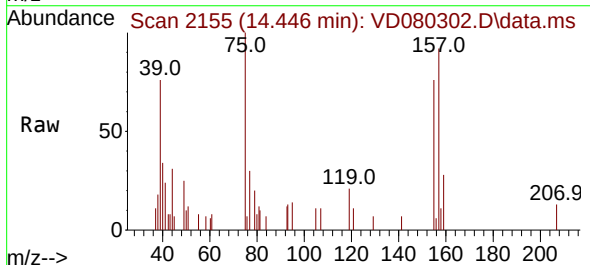
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBSD01

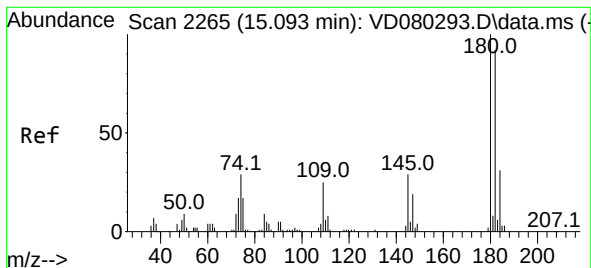
Tgt Ion:146 Resp: 54580
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.6 61.8
 148 65.5 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.547 ug/l
 RT: 14.446 min Scan# 2155
 Delta R.T. 0.006 min
 Lab File: VD080302.D
 Acq: 13 May 2025 15:11

Tgt Ion: 75 Resp: 3800
 Ion Ratio Lower Upper
 75 100
 155 83.2 40.6 122.0
 157 112.4 53.3 159.9





#93

1,2,4-Trichlorobenzene

Concen: 18.915 ug/l

RT: 15.093 min Scan# 21

Delta R.T. -0.005 min

Lab File: VD080302.D

Acq: 13 May 2025 15:11

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBSD01

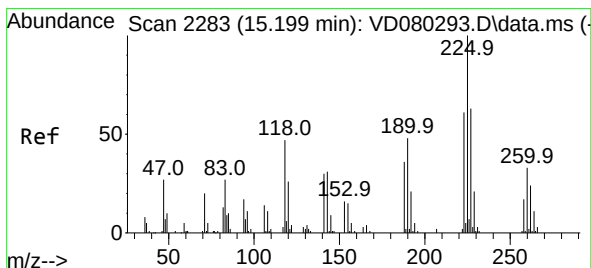
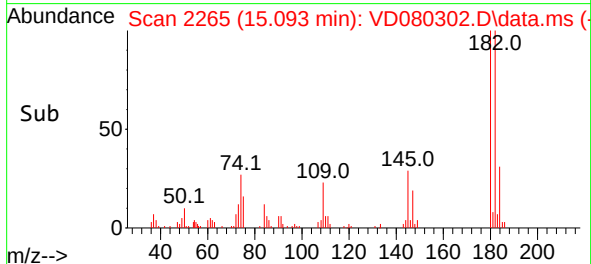
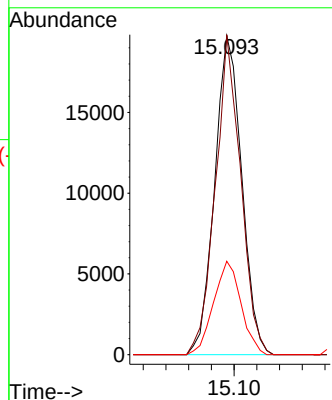
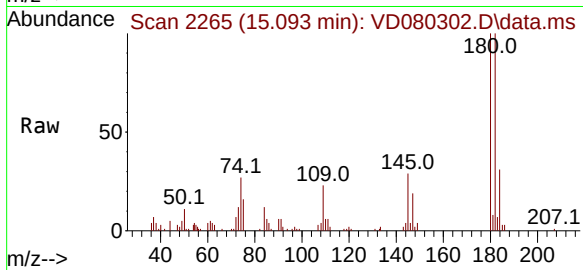
Tgt Ion:180 Resp: 32678

Ion Ratio Lower Upper

180 100

182 94.0 47.4 142.2

145 29.7 14.7 44.1



#94

Hexachlorobutadiene

Concen: 18.055 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. 0.001 min

Lab File: VD080302.D

Acq: 13 May 2025 15:11

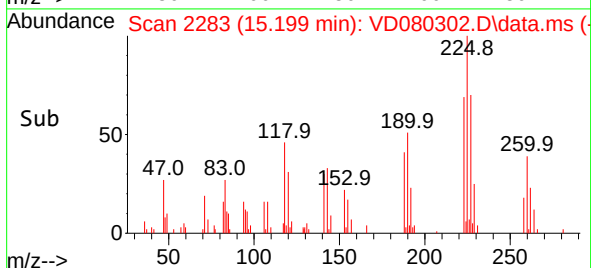
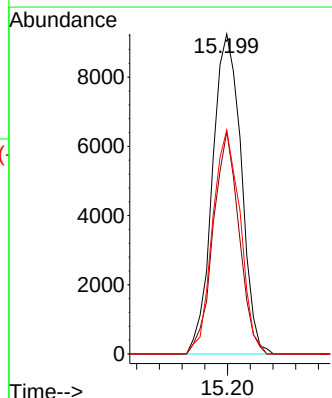
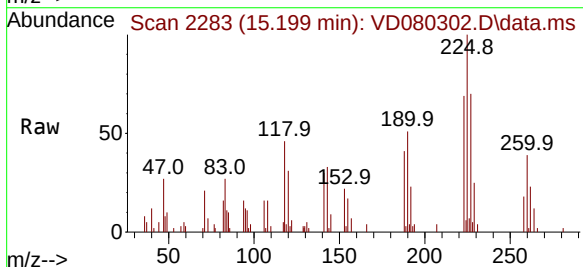
Tgt Ion:225 Resp: 16228

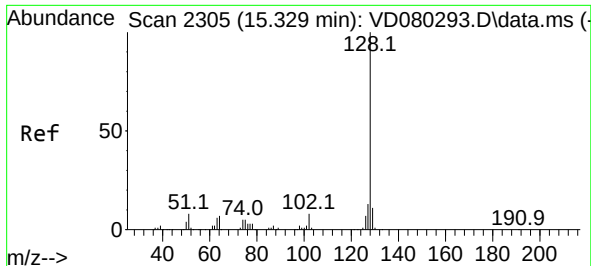
Ion Ratio Lower Upper

225 100

223 62.6 31.5 94.5

227 67.3 30.9 92.5

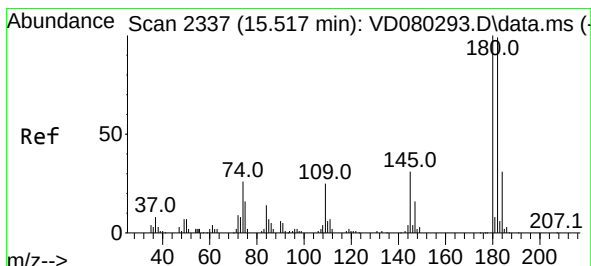
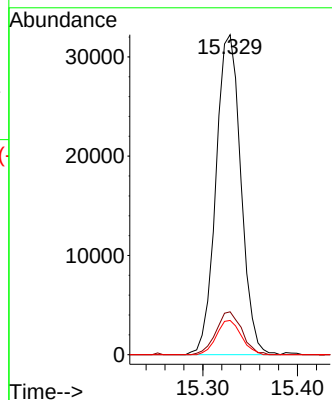
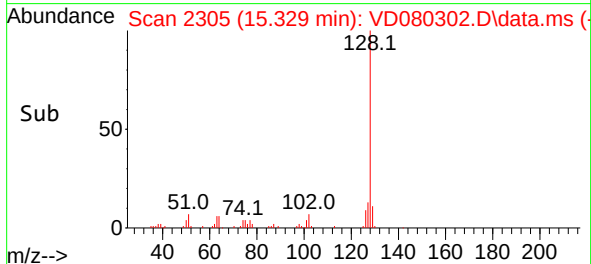
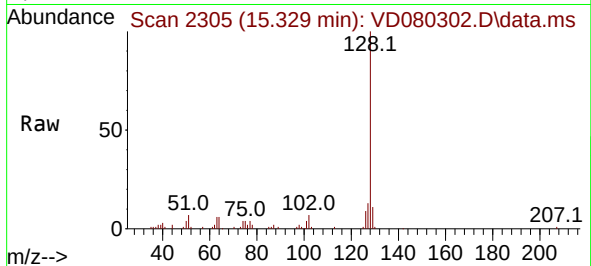




#95
Naphthalene
Concen: 18.196 ug/l
RT: 15.329 min Scan# 2305
Delta R.T. 0.001 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

Tgt Ion:128	Resp:	59025
Ion Ratio	Lower	Upper
128	100	
127	13.4	11.8 17.8
129	10.7	8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 19.031 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. 0.001 min
Lab File: VD080302.D
Acq: 13 May 2025 15:11

Tgt Ion:180	Resp:	29406
Ion Ratio	Lower	Upper
180	100	
182	91.2	47.5 142.6
145	31.5	15.7 47.0

