

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051625\
 Data File : VD080362.D
 Acq On : 16 May 2025 11:03
 Operator : RP/MD
 Sample : VD0516SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

Quant Time: May 17 01:16:20 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	69189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.782	114	113744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	159822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	60838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	43279	48.371	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.740%
35) Dibromofluoromethane	7.805	113	42206	55.363	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.720%
50) Toluene-d8	10.270	98	159724	53.175	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.340%
62) 4-Bromofluorobenzene	12.570	95	50338	52.212	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	18990	28.690	ug/l	98
3) Chloromethane	2.147	50	37892	29.874	ug/l	91
4) Vinyl Chloride	2.288	62	42912	23.857	ug/l	96
5) Bromomethane	2.694	94	36955	28.543	ug/l	98
6) Chloroethane	2.841	64	33694	26.494	ug/l	95
7) Trichlorofluoromethane	3.176	101	41316	29.956	ug/l	89
8) Diethyl Ether	3.594	74	12723	29.884	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.970	101	19811	23.313	ug/l	98
10) Methyl Iodide	4.164	142	17225	19.885	ug/l	96
11) Tert butyl alcohol	5.052	59	4467	82.275	ug/l #	89
12) 1,1-Dichloroethene	3.941	96	18780	22.417	ug/l	90
13) Acrolein	3.800	56	5983	62.631	ug/l	96
14) Allyl chloride	4.564	41	22403	17.003	ug/l	94
15) Acrylonitrile	5.258	53	17368	84.854	ug/l	95
16) Acetone	4.023	43	13575	88.158	ug/l	96
17) Carbon Disulfide	4.276	76	54643	18.783	ug/l	98
18) Methyl Acetate	4.564	43	9968	17.217	ug/l	95
19) Methyl tert-butyl Ether	5.329	73	33591	18.251	ug/l	99
20) Methylene Chloride	4.805	84	21948	20.729	ug/l	92
21) trans-1,2-Dichloroethene	5.311	96	18126	19.916	ug/l	92
22) Diisopropyl ether	6.223	45	50558	18.628	ug/l	97
23) Vinyl Acetate	6.158	43	132390	83.750	ug/l	97
24) 1,1-Dichloroethane	6.111	63	33950	19.878	ug/l	98
25) 2-Butanone	7.082	43	25301	102.774	ug/l	90
26) 2,2-Dichloropropane	7.076	77	32555	23.955	ug/l	98
27) cis-1,2-Dichloroethene	7.082	96	24713	24.508	ug/l	98
28) Bromochloromethane	7.429	49	17976	22.605	ug/l #	99
29) Tetrahydrofuran	7.441	42	16840	104.913	ug/l	98
30) Chloroform	7.594	83	43219	25.375	ug/l	99
31) Cyclohexane	7.882	56	23567	16.213	ug/l #	93
32) 1,1,1-Trichloroethane	7.793	97	29476	21.213	ug/l	99
36) 1,1-Dichloropropene	8.011	75	22717	19.938	ug/l	99
37) Ethyl Acetate	7.170	43	13403	22.496	ug/l	98
38) Carbon Tetrachloride	7.988	117	25329	21.317	ug/l	93
39) Methylcyclohexane	9.270	83	23242	17.580	ug/l	96
40) Benzene	8.252	78	72324	20.259	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	6528	19.800	ug/l	91
42) 1,2-Dichloroethane	8.329	62	20404	19.724	ug/l	97
43) Isopropyl Acetate	8.364	43	18331	16.967	ug/l #	85
44) Trichloroethene	9.029	130	17587	21.222	ug/l	99
45) 1,2-Dichloropropane	9.305	63	18779	20.510	ug/l #	86
46) Dibromomethane	9.388	93	10658	21.380	ug/l	100
47) Bromodichloromethane	9.588	83	26872	21.238	ug/l #	96
48) Methyl methacrylate	9.382	41	8836	17.213	ug/l #	93
49) 1,4-Dioxane	9.388	88	1889	318.730	ug/l #	80
51) 4-Methyl-2-Pentanone	10.158	43	47900	86.050	ug/l	99
52) Toluene	10.335	92	45401	21.110	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	23525	20.395	ug/l	99
54) cis-1,3-Dichloropropene	10.017	75	26724	19.993	ug/l	95
55) 1,1,2-Trichloroethane	10.735	97	13706	20.786	ug/l	96
56) Ethyl methacrylate	10.599	69	14205	17.778	ug/l	95
57) 1,3-Dichloropropane	10.882	76	28392	25.908	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.870	63	30244	92.492	ug/l	100
59) 2-Hexanone	10.923	43	41149	107.460	ug/l	95
60) Dibromochloromethane	11.070	129	24464	29.605	ug/l	98
61) 1,2-Dibromoethane	11.176	107	15452	25.272	ug/l	90
64) Tetrachloroethene	10.805	164	17649	16.307	ug/l	95
65) Chlorobenzene	11.605	112	73754	20.438	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.682	131	25600	20.648	ug/l	94
67) Ethyl Benzene	11.682	91	111431	18.478	ug/l	92
68) m/p-Xylenes	11.793	106	81224	34.688	ug/l	99
69) o-Xylene	12.123	106	35244	16.471	ug/l	95
70) Styrene	12.134	104	66077	17.198	ug/l	99
71) Bromoform	12.299	173	10649	14.457	ug/l #	98
73) Isopropylbenzene	12.417	105	71215	18.045	ug/l	98
74) N-amyl acetate	12.234	43	18585	16.408	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.670	83	16275	18.753	ug/l	100
76) 1,2,3-Trichloropropane	12.717	75	20435	34.803	ug/l #	100
77) Bromobenzene	12.699	156	19294	18.848	ug/l	95
78) n-propylbenzene	12.764	91	91805	18.537	ug/l	99
79) 2-Chlorotoluene	12.846	91	55119	19.134	ug/l	100
80) 1,3,5-Trimethylbenzene	12.905	105	63117	18.751	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.470	75	5207	16.833	ug/l	92
82) 4-Chlorotoluene	12.946	91	60880	19.578	ug/l	98
83) tert-Butylbenzene	13.164	119	51617	18.377	ug/l	97
84) 1,2,4-Trimethylbenzene	13.211	105	66292	19.249	ug/l	99
85) sec-Butylbenzene	13.340	105	80451	18.573	ug/l	100
86) p-Isopropyltoluene	13.458	119	66920	18.383	ug/l	100
87) 1,3-Dichlorobenzene	13.458	146	41955	19.653	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	41385	19.229	ug/l	96
89) n-Butylbenzene	13.787	91	63139	17.867	ug/l	98
90) Hexachloroethane	14.052	117	16175	20.081	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	36777	19.831	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	2812	20.331	ug/l	90
93) 1,2,4-Trichlorobenzene	15.093	180	20918	17.936	ug/l	98
94) Hexachlorobutadiene	15.199	225	11399	18.787	ug/l	95
95) Naphthalene	15.323	128	34394	15.706	ug/l	96
96) 1,2,3-Trichlorobenzene	15.517	180	19073	18.285	ug/l	98

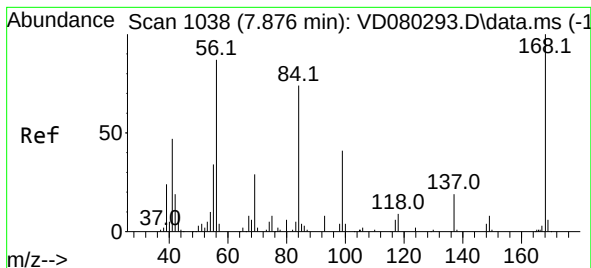
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Quant Title : SW846 8260
QLast Update : Wed May 07 08:57:11 2025
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. 0.001 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

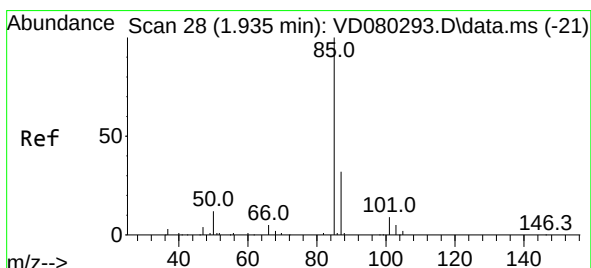
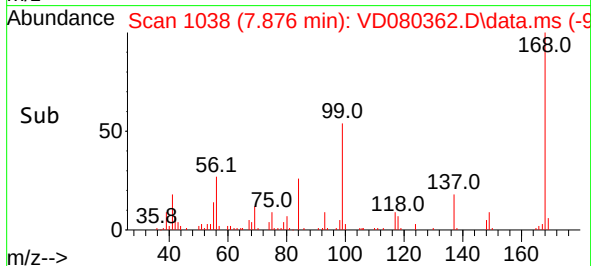
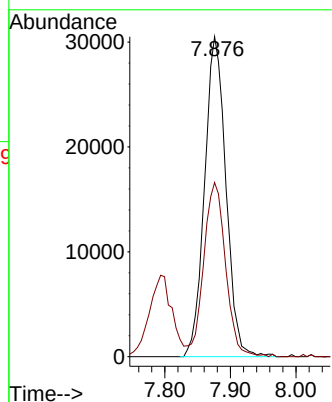
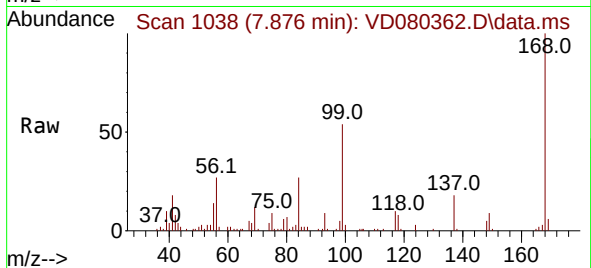
VD0516SBS01

Tgt Ion:168 Resp: 69189

Ion Ratio Lower Upper

168 100

99 54.4 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 28.690 ug/l

RT: 1.935 min Scan# 28

Delta R.T. 0.001 min

Lab File: VD080362.D

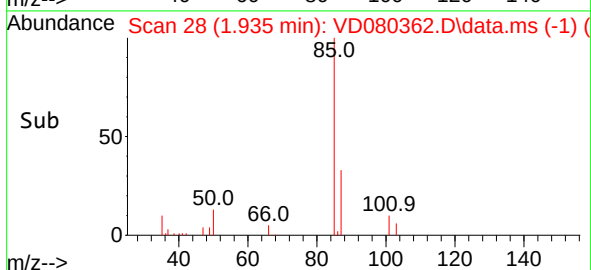
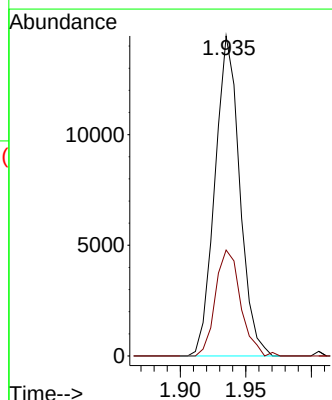
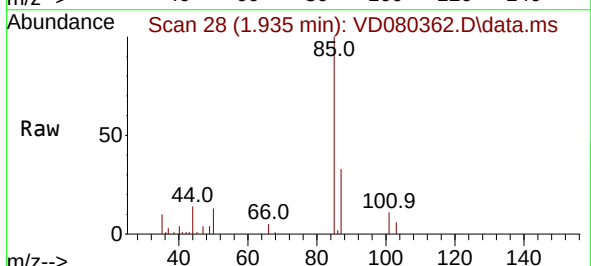
Acq: 16 May 2025 11:03

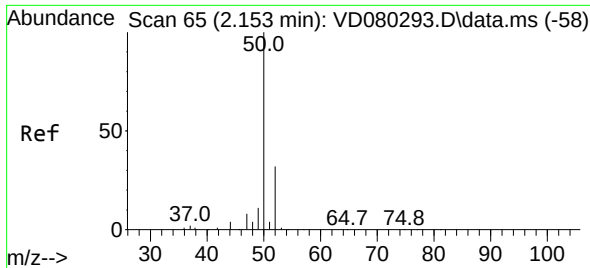
Tgt Ion: 85 Resp: 18990

Ion Ratio Lower Upper

85 100

87 33.1 16.1 48.2

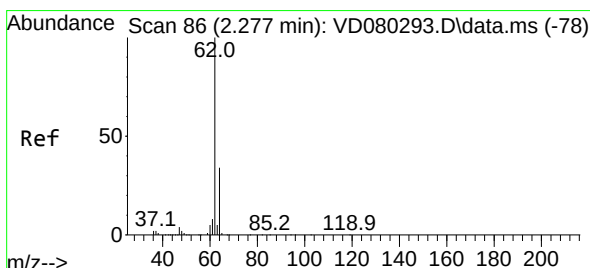
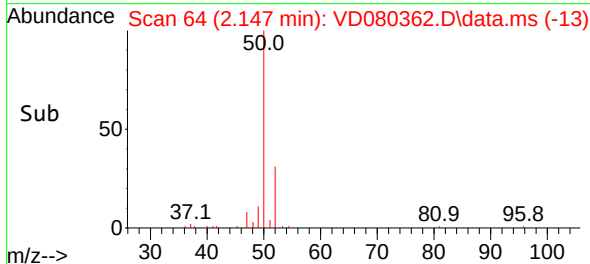
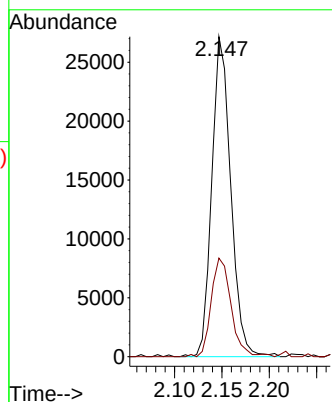
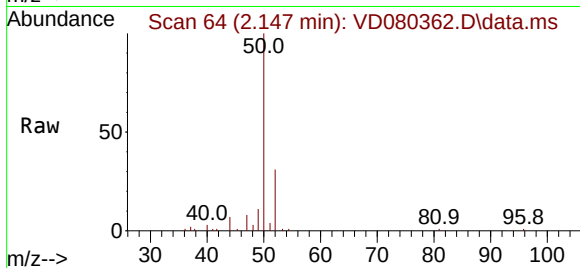




#3
Chloromethane
Concen: 29.874 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

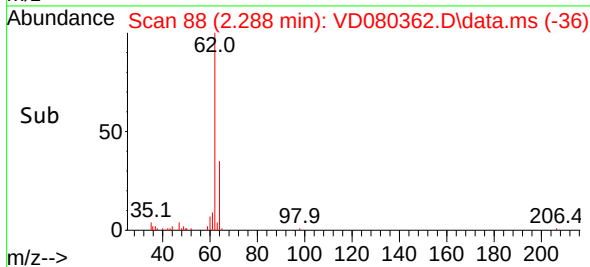
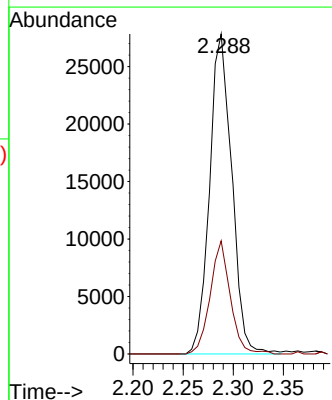
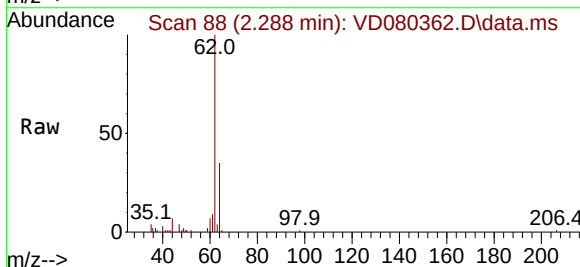
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

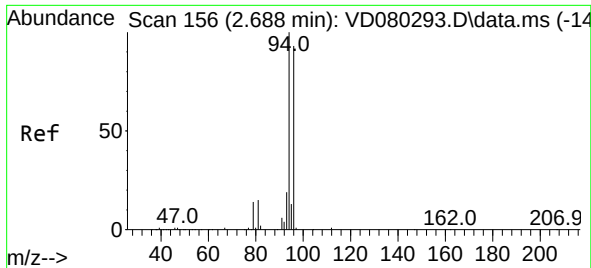
Tgt Ion	Resp	Ion Ratio	Lower	Upper
50	37892	100		
52		30.8	28.8	43.2



#4
Vinyl Chloride
Concen: 23.857 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.007 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion	Resp	Ion Ratio	Lower	Upper
62	42912	100		
64		35.3	26.5	39.7

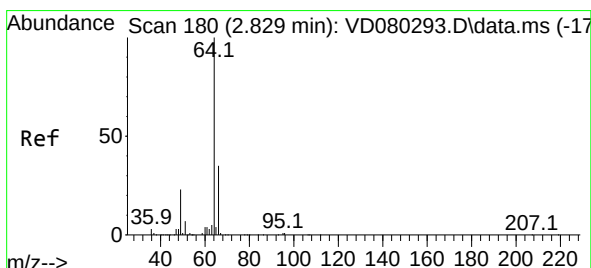
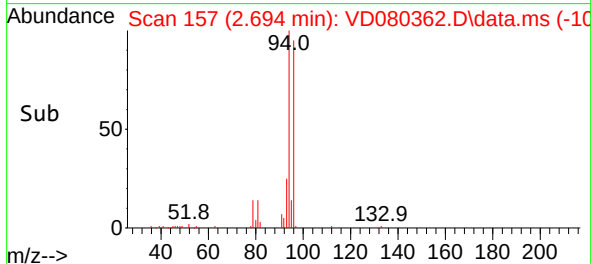
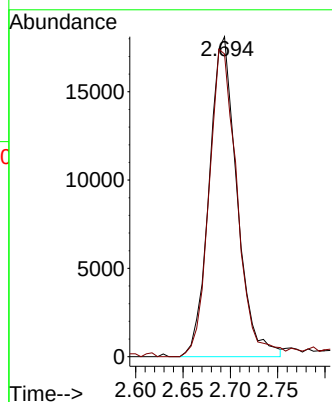
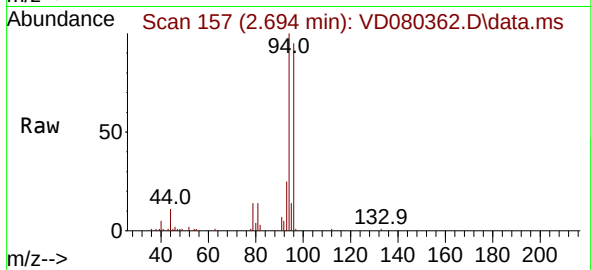




#5
Bromomethane
Concen: 28.543 ug/l
RT: 2.694 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

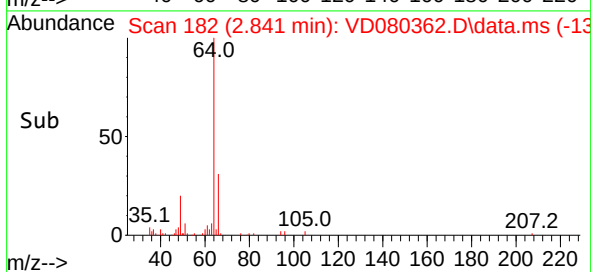
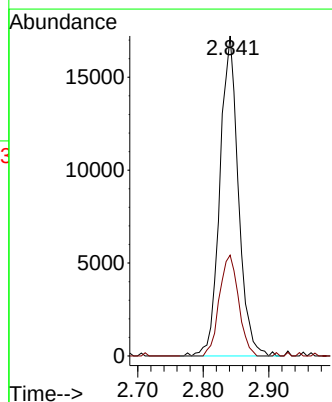
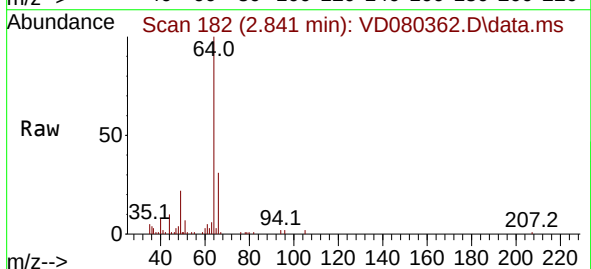
Instrument :
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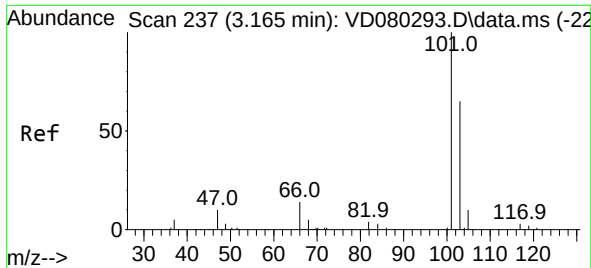
Tgt Ion: 94 Resp: 36955
Ion Ratio Lower Upper
94 100
96 97.0 76.2 114.2



#6
Chloroethane
Concen: 26.494 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.007 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion: 64 Resp: 33694
Ion Ratio Lower Upper
64 100
66 31.5 27.6 41.4

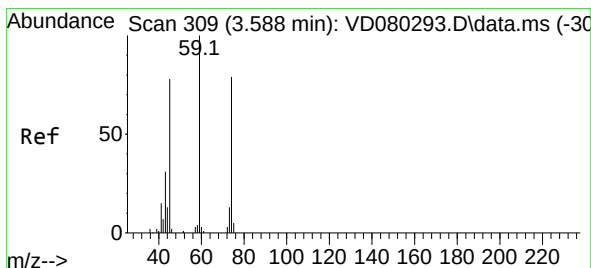
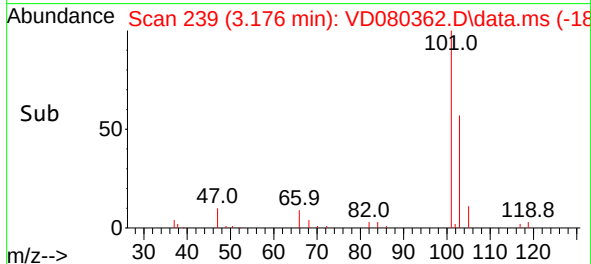
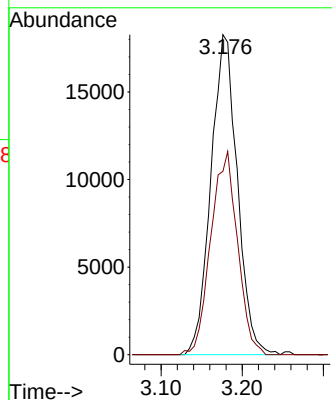
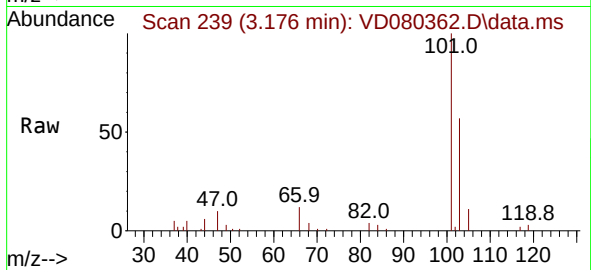




#7
Trichlorofluoromethane
Concen: 29.956 ug/l
RT: 3.176 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

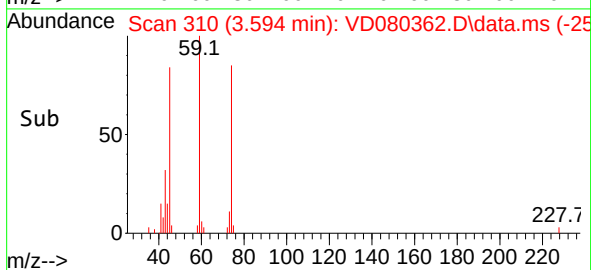
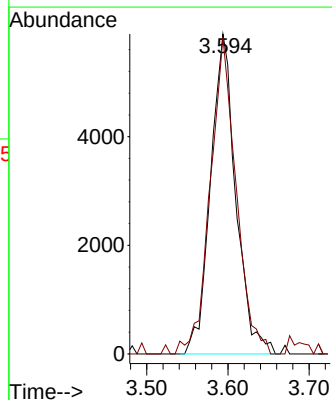
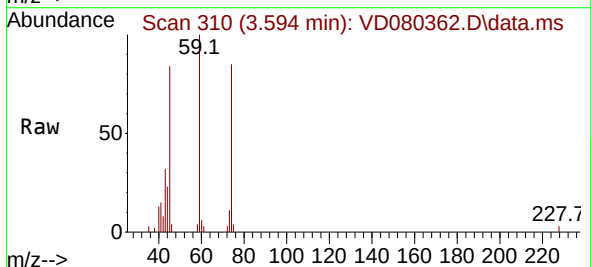
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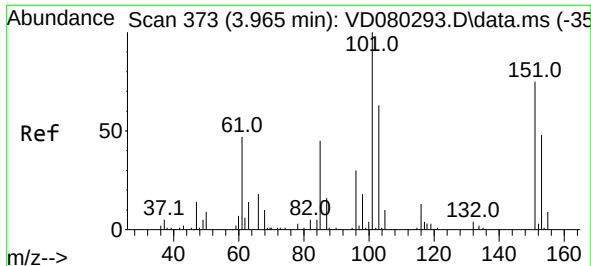
Tgt Ion:101 Resp: 41316
Ion Ratio Lower Upper
101 100
103 57.3 53.0 79.6



#8
Diethyl Ether
Concen: 29.884 ug/l
RT: 3.594 min Scan# 310
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion: 74 Resp: 12723
Ion Ratio Lower Upper
74 100
45 101.9 47.8 143.3

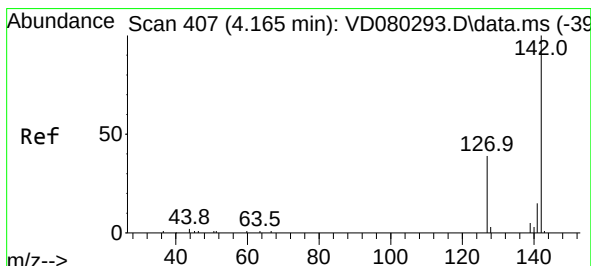
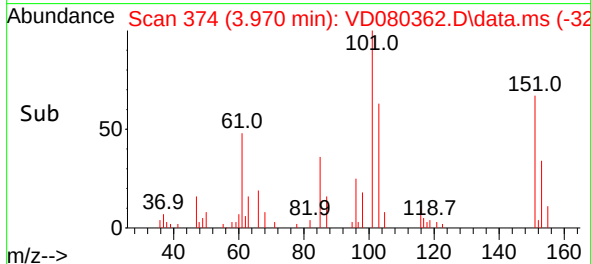
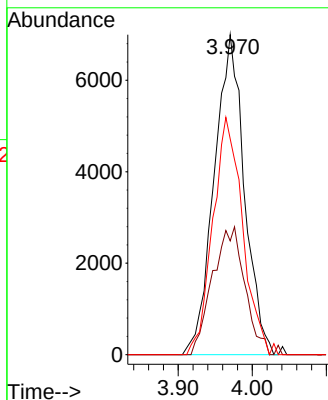
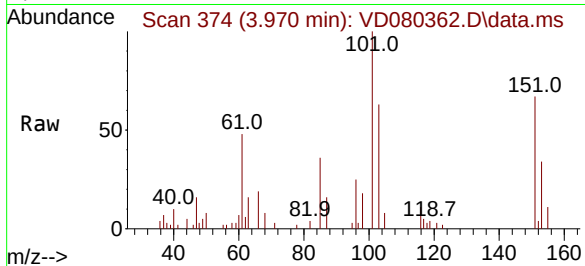




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.313 ug/l
RT: 3.970 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

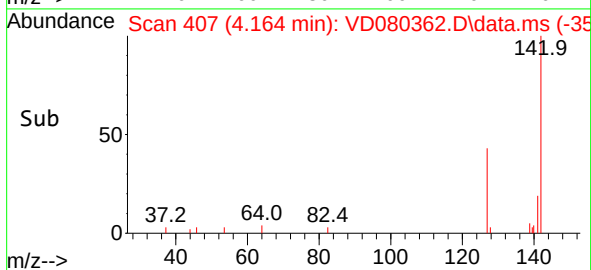
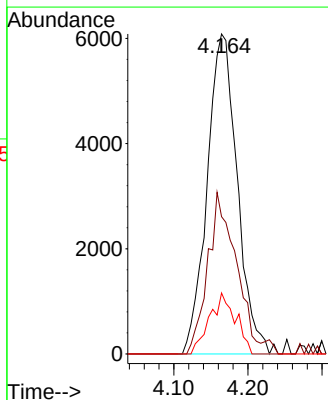
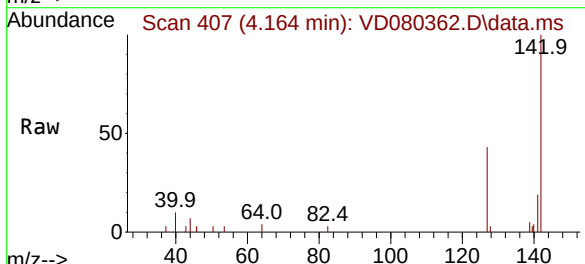
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MSVOA_D
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VD0516SBS01

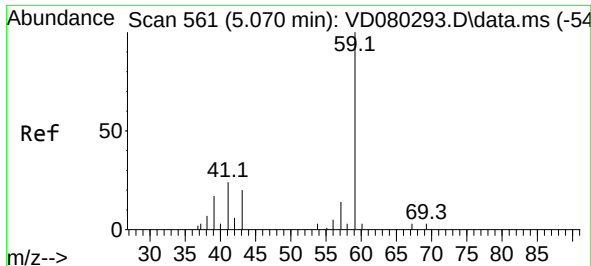
Tgt Ion:101 Resp: 19811
Ion Ratio Lower Upper
101 100
85 42.8 35.3 52.9
151 73.2 60.3 90.5



#10
Methyl Iodide
Concen: 19.885 ug/l
RT: 4.164 min Scan# 407
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion:142 Resp: 17225
Ion Ratio Lower Upper
142 100
127 47.4 35.3 52.9
141 16.4 12.2 18.2





#11

Tert butyl alcohol

Concen: 82.275 ug/l

RT: 5.052 min Scan# 51

Delta R.T. -0.006 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

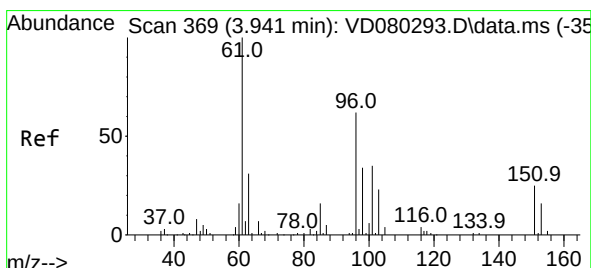
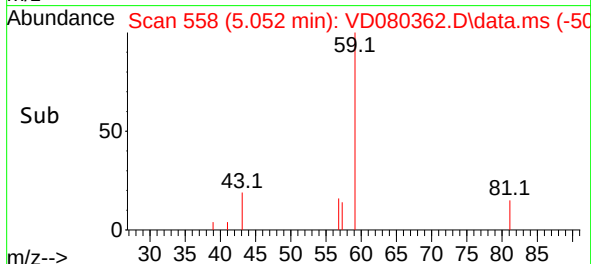
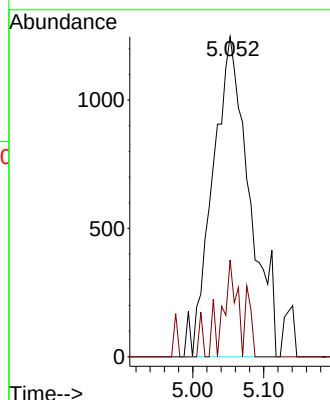
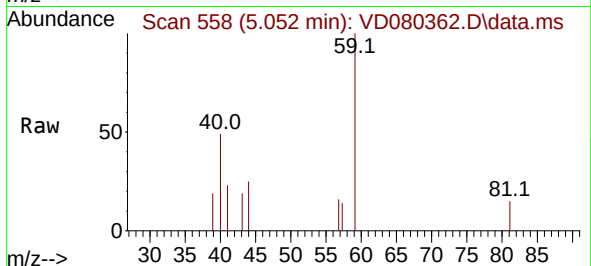
VD0516SBS01

Tgt Ion: 59 Resp: 4467

Ion Ratio Lower Upper

59 100

57 9.6 4.8 7.2#



#12

1,1-Dichloroethene

Concen: 22.417 ug/l

RT: 3.941 min Scan# 369

Delta R.T. 0.001 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

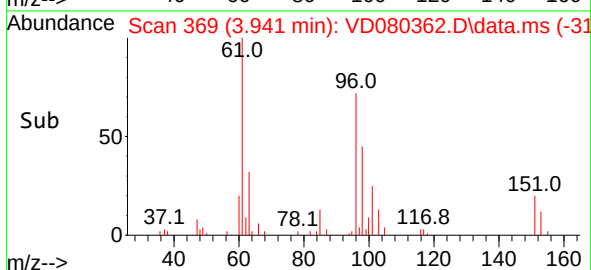
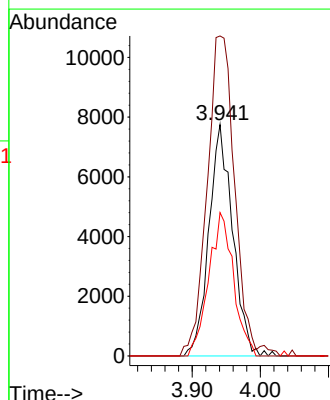
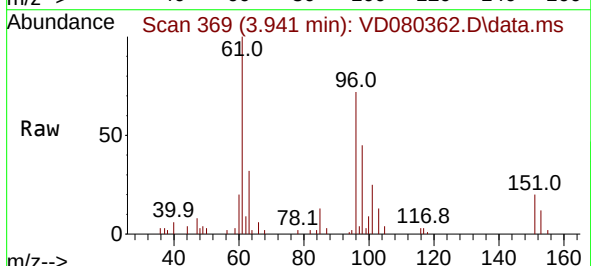
Tgt Ion: 96 Resp: 18780

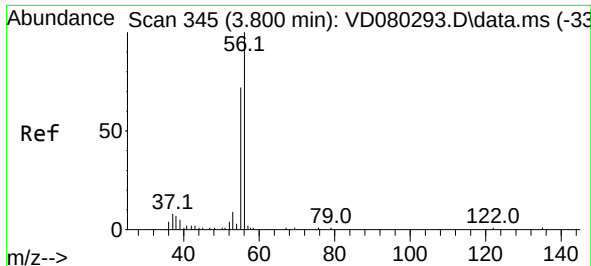
Ion Ratio Lower Upper

96 100

61 138.3 122.6 184.0

98 62.0 47.1 70.7

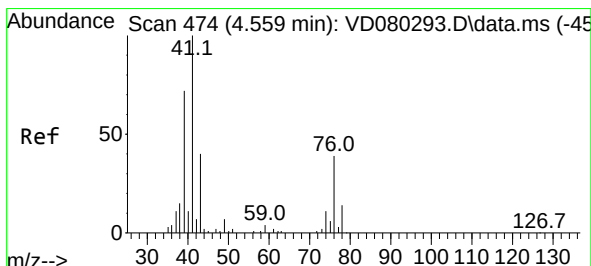
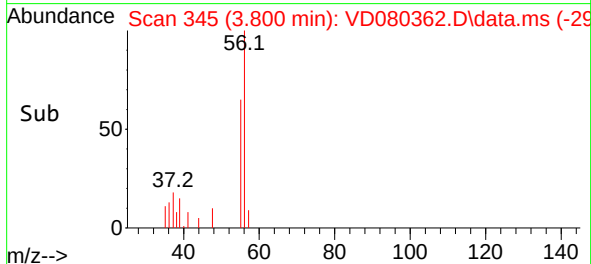
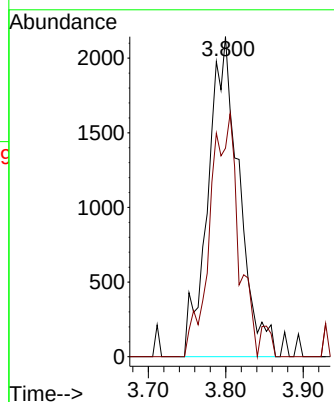
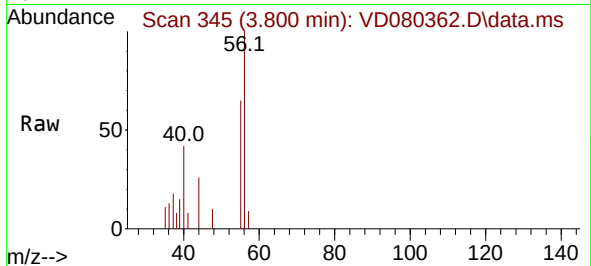




#13
Acrolein
Concen: 62.631 ug/l
RT: 3.800 min Scan# 345
Delta R.T. 0.007 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

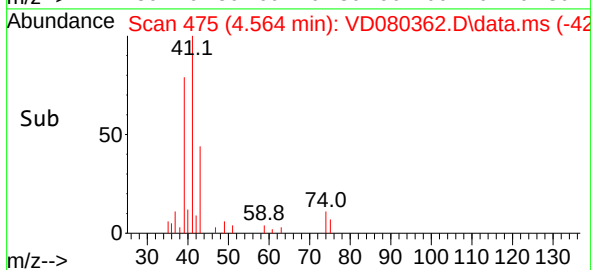
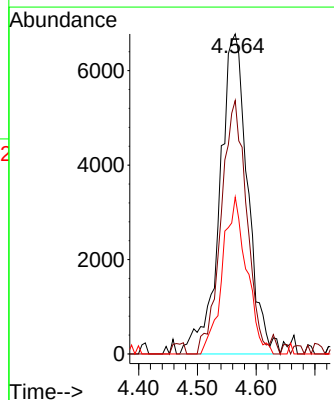
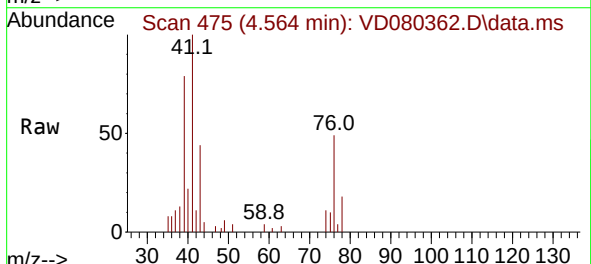
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

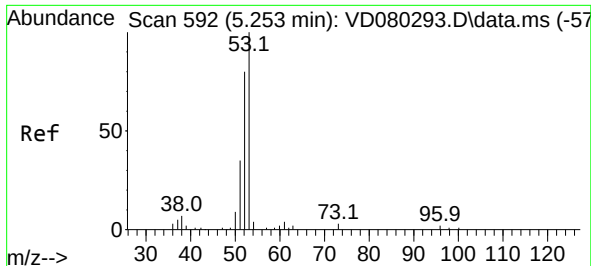
Tgt Ion: 56 Resp: 5983
Ion Ratio Lower Upper
56 100
55 69.4 58.2 87.2



#14
Allyl chloride
Concen: 17.003 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion: 41 Resp: 22403
Ion Ratio Lower Upper
41 100
39 72.1 53.3 79.9
76 42.6 32.0 48.0

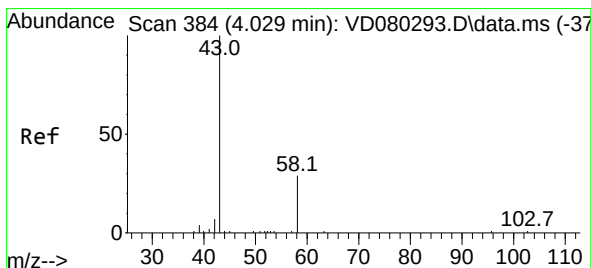
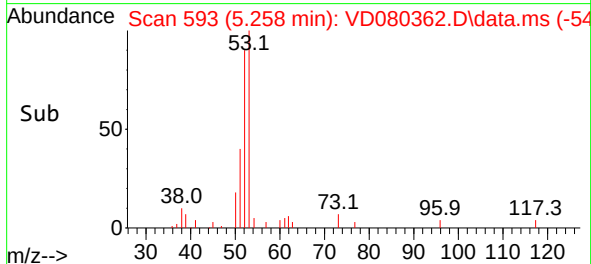
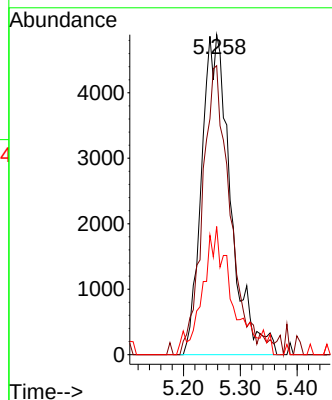
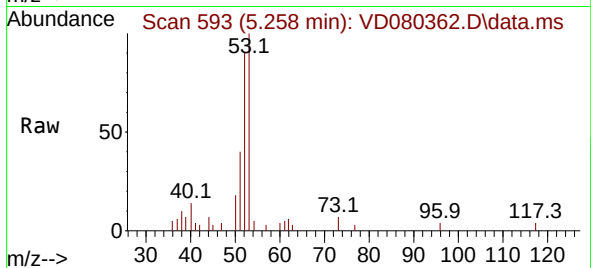




#15
Acrylonitrile
Concen: 84.854 ug/l
RT: 5.258 min Scan# 592
Delta R.T. 0.006 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

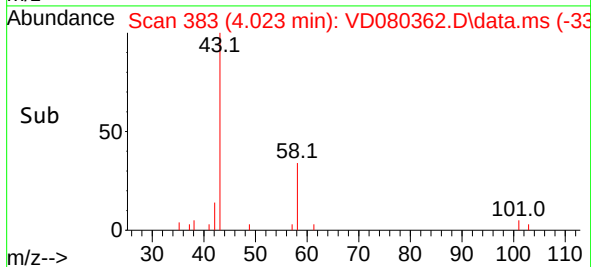
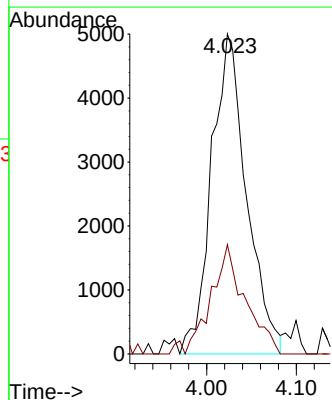
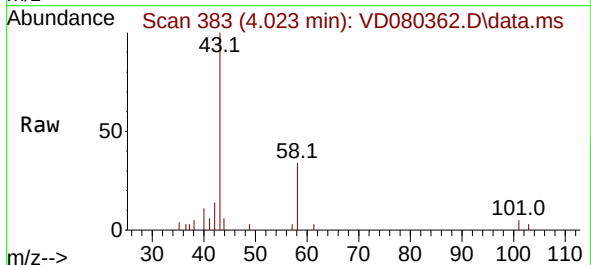
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

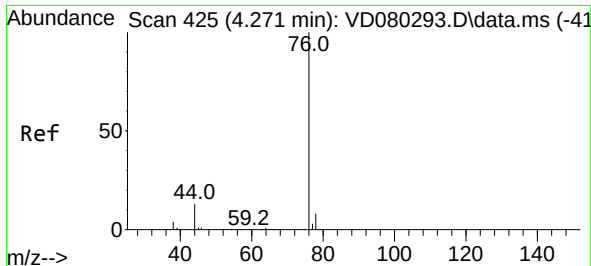
Tgt Ion:	53	Resp:	17368
Ion	Ratio	Lower	Upper
53	100		
52	86.1	66.2	99.4
51	33.1	30.3	45.5



#16
Acetone
Concen: 88.158 ug/l
RT: 4.023 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion:	43	Resp:	13575
Ion	Ratio	Lower	Upper
43	100		
58	34.1	25.4	38.2





#17

Carbon Disulfide

Concen: 18.783 ug/l

RT: 4.276 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

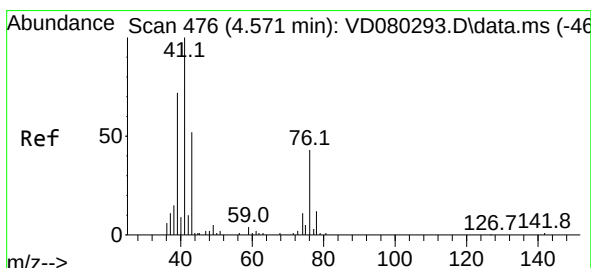
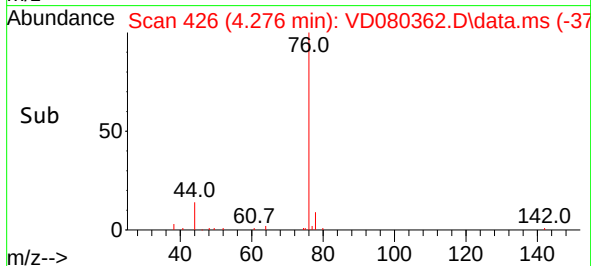
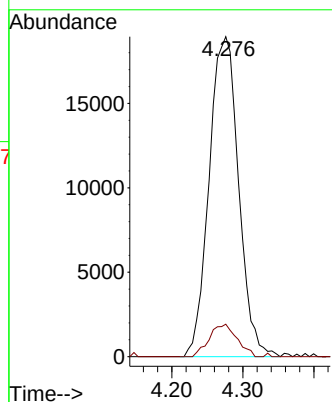
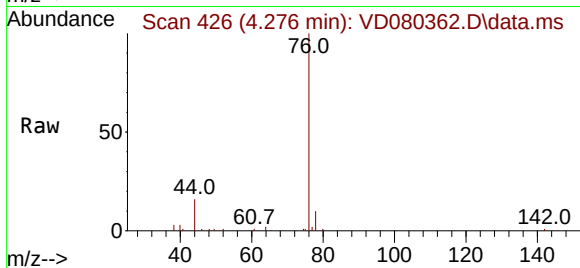
VD0516SBS01

Tgt Ion: 76 Resp: 54643

Ion Ratio Lower Upper

76 100

78 10.2 7.5 11.3



#18

Methyl Acetate

Concen: 17.217 ug/l

RT: 4.564 min Scan# 475

Delta R.T. 0.000 min

Lab File: VD080362.D

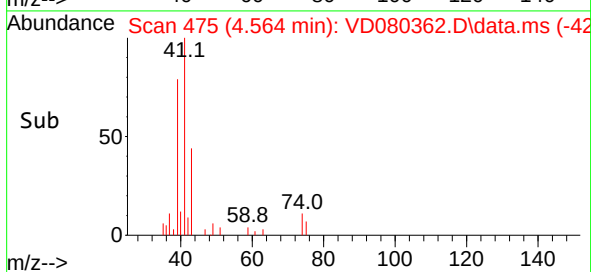
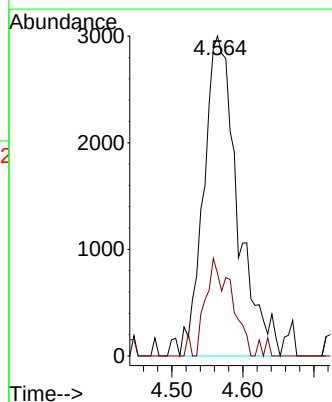
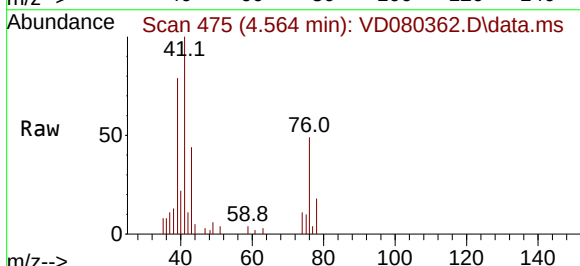
Acq: 16 May 2025 11:03

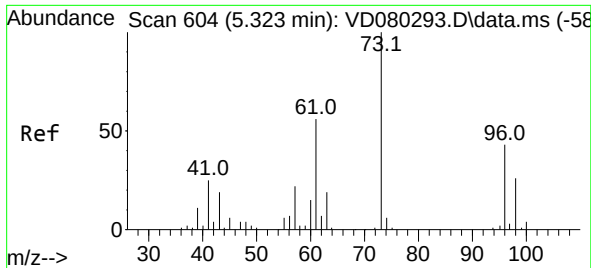
Tgt Ion: 43 Resp: 9968

Ion Ratio Lower Upper

43 100

74 23.1 20.5 30.7

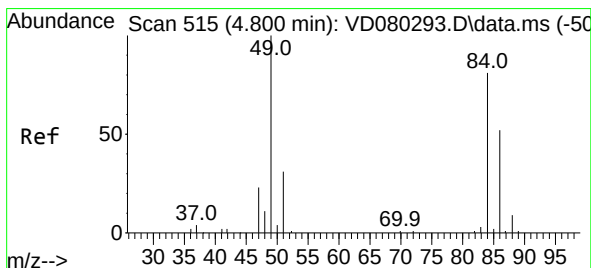
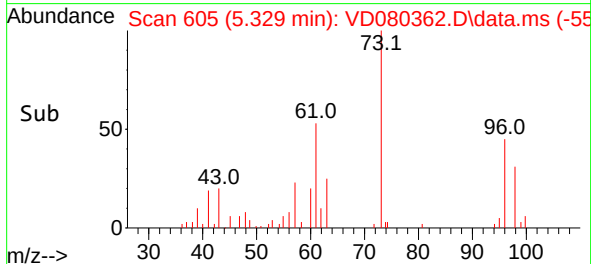
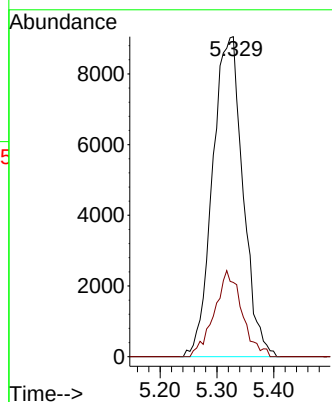
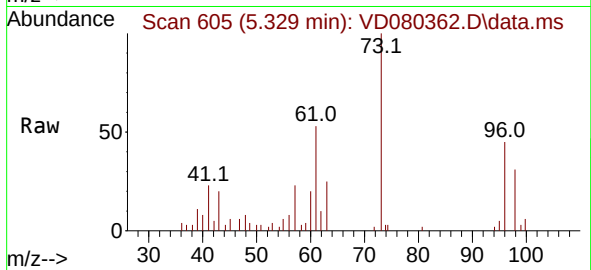




#19
Methyl tert-butyl Ether
Concen: 18.251 ug/l
RT: 5.329 min Scan# 604
Delta R.T. 0.007 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

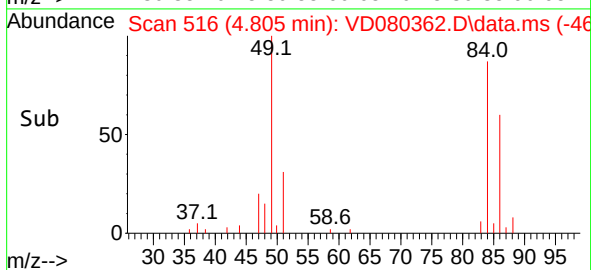
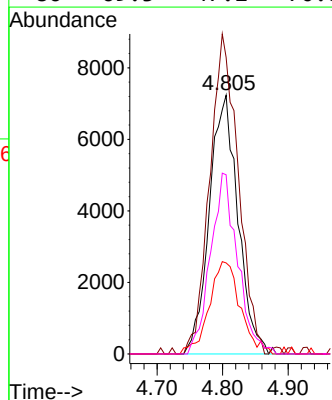
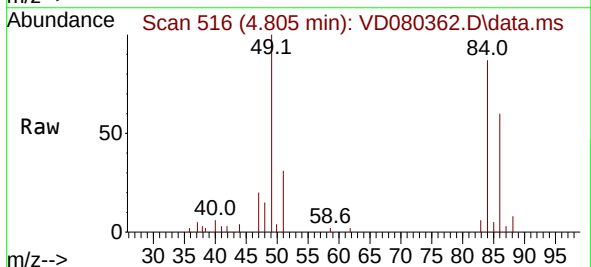
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

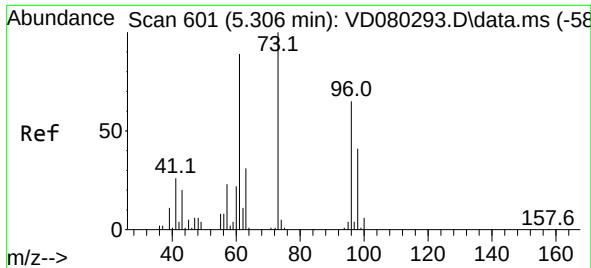
Tgt Ion: 73 Resp: 33591
Ion Ratio Lower Upper
73 100
57 23.2 18.8 28.2



#20
Methylene Chloride
Concen: 20.729 ug/l
RT: 4.805 min Scan# 516
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion: 84 Resp: 21948
Ion Ratio Lower Upper
84 100
49 114.7 86.5 129.7
51 35.2 26.9 40.3
86 69.3 47.2 70.8

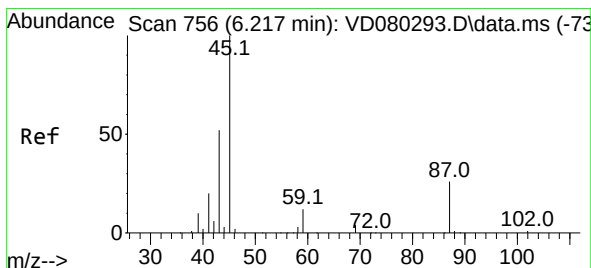
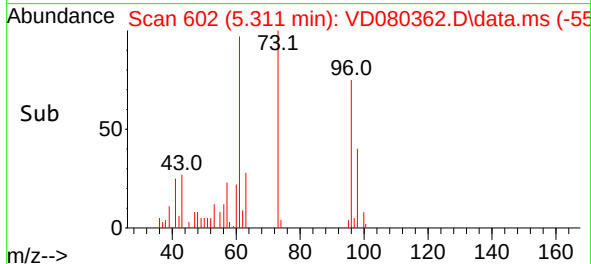
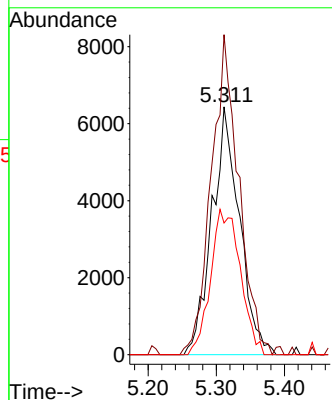
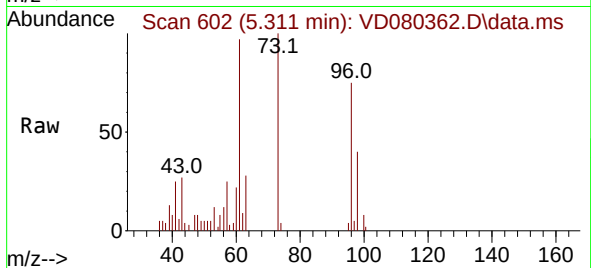




#21
trans-1,2-Dichloroethene
Concen: 19.916 ug/l
RT: 5.311 min Scan# 601
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

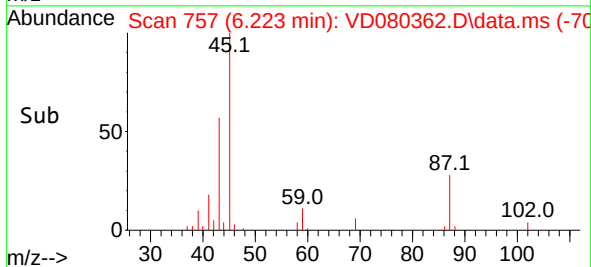
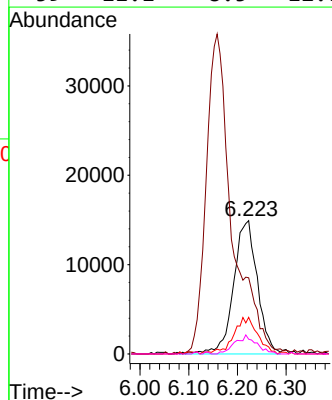
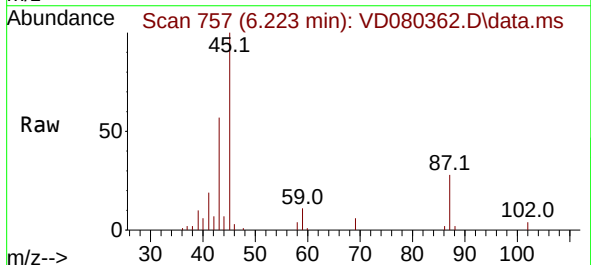
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

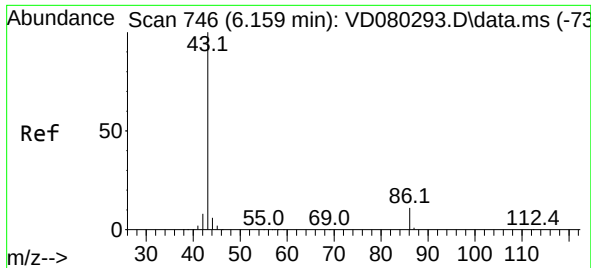
Tgt Ion: 96 Resp: 18126
Ion Ratio Lower Upper
96 100
61 129.1 109.4 164.0
98 53.1 49.8 74.8



#22
Diisopropyl ether
Concen: 18.628 ug/l
RT: 6.223 min Scan# 757
Delta R.T. 0.007 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion: 45 Resp: 50558
Ion Ratio Lower Upper
45 100
43 55.6 42.6 63.8
87 26.3 22.7 34.1
59 11.1 8.5 12.7

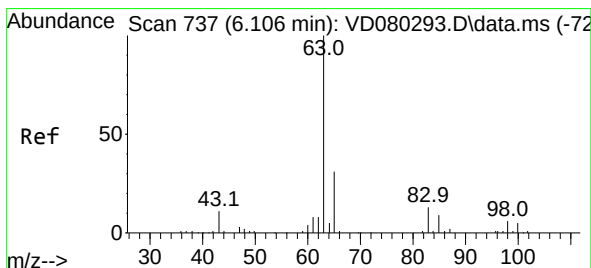
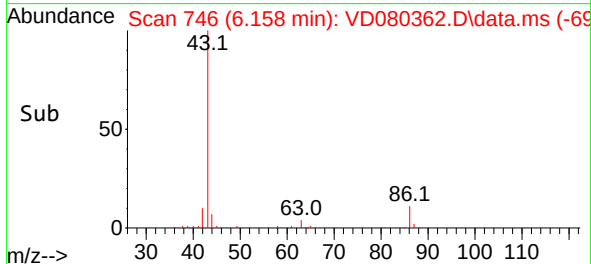
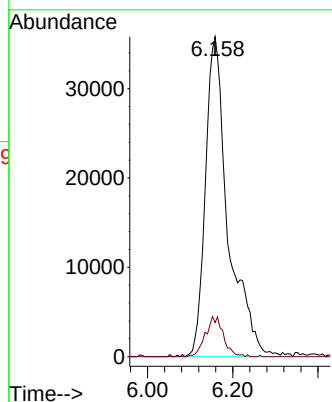
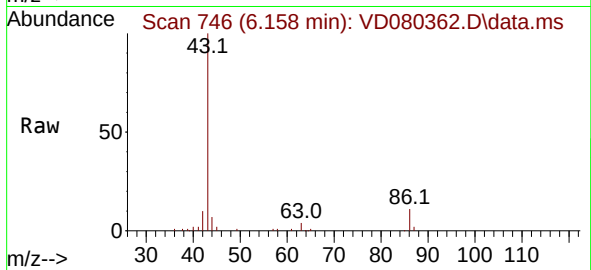




#23
 Vinyl Acetate
 Concen: 83.750 ug/l
 RT: 6.158 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD080362.D
 Acq: 16 May 2025 11:03

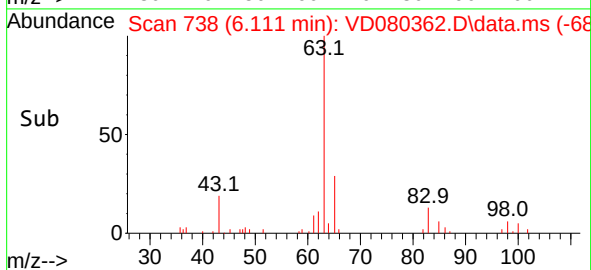
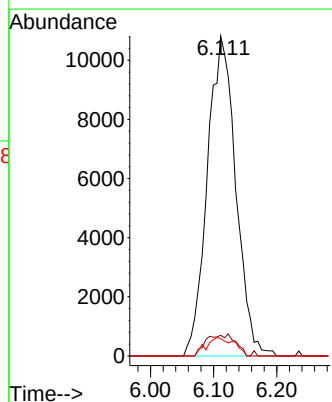
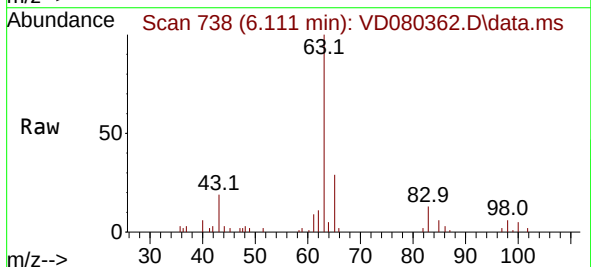
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

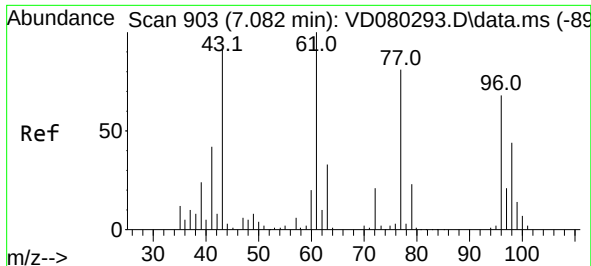
Tgt Ion: 43 Resp: 132390
 Ion Ratio Lower Upper
 43 100
 86 10.6 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 19.878 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD080362.D
 Acq: 16 May 2025 11:03

Tgt Ion: 63 Resp: 33950
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.6
 100 5.4 2.1 6.5

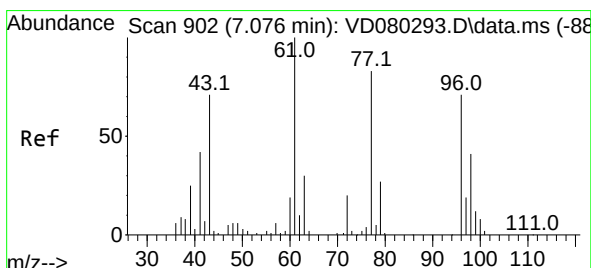
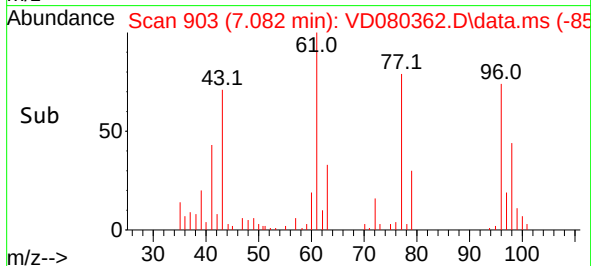
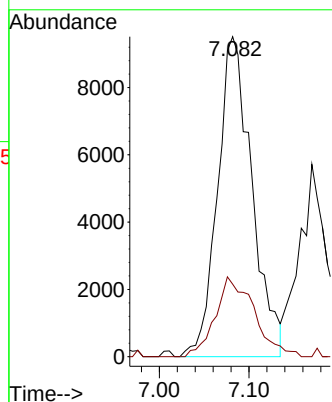
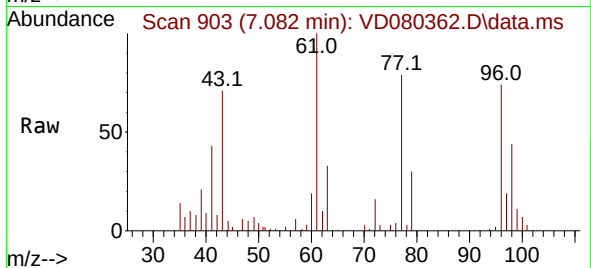




#25
2-Butanone
Concen: 102.774 ug/l
RT: 7.082 min Scan# 903
Delta R.T. -0.005 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

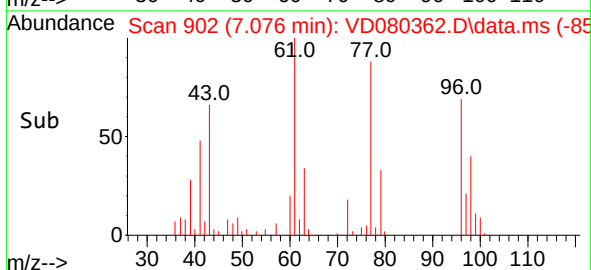
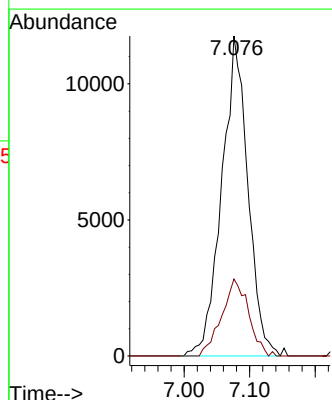
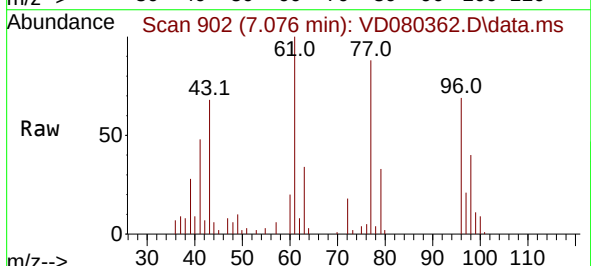
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

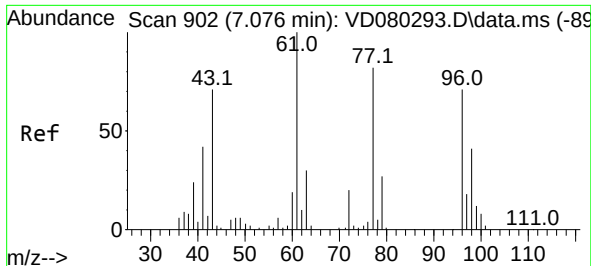
Tgt Ion: 43 Resp: 25301
Ion Ratio Lower Upper
43 100
72 22.7 22.3 33.5



#26
2,2-Dichloropropane
Concen: 23.955 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion: 77 Resp: 32555
Ion Ratio Lower Upper
77 100
97 24.7 11.9 35.9



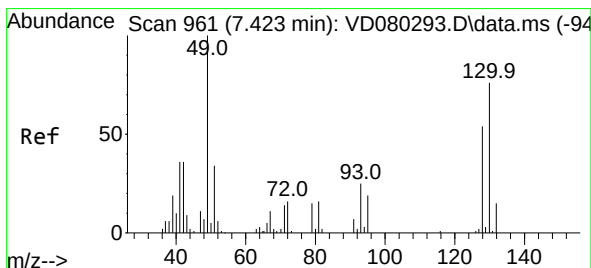
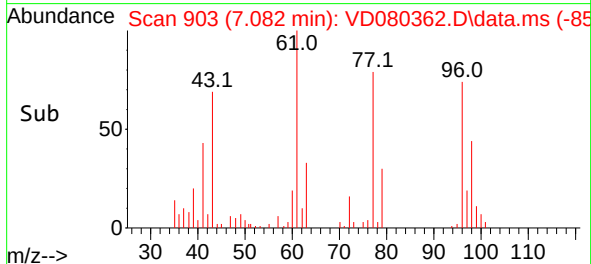
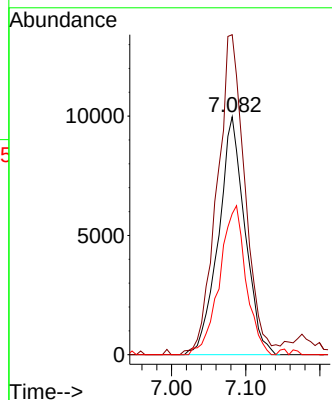
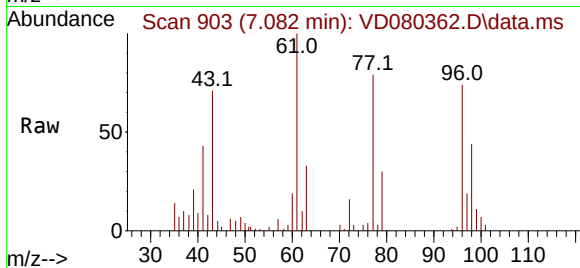


#27
 cis-1,2-Dichloroethene
 Concen: 24.508 ug/l
 RT: 7.082 min Scan# 902
 Delta R.T. 0.001 min
 Lab File: VD080362.D
 Acq: 16 May 2025 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

Tgt Ion: 96 Resp: 24713

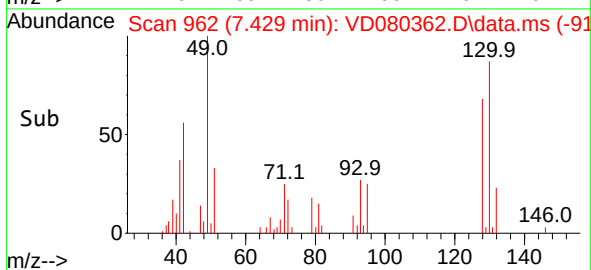
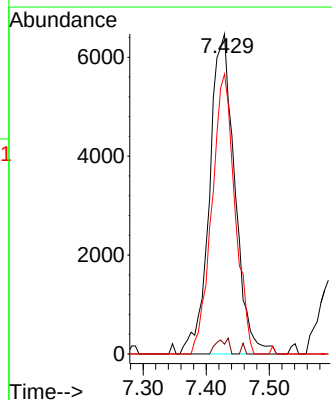
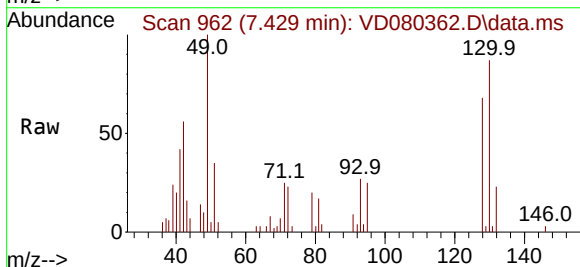
Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	278.2
98	62.7	0.0	127.8

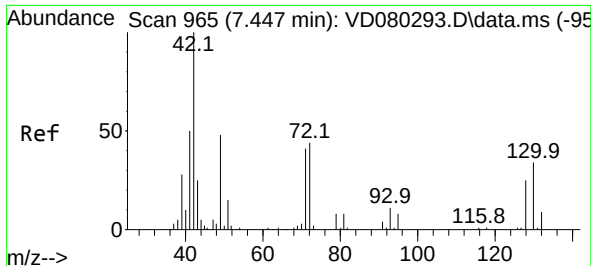


#28
 Bromochloromethane
 Concen: 22.605 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.001 min
 Lab File: VD080362.D
 Acq: 16 May 2025 11:03

Tgt Ion: 49 Resp: 17976

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	2.2#
130	79.6	64.6	97.0





#29

Tetrahydrofuran

Concen: 104.913 ug/l

RT: 7.441 min Scan# 90

Delta R.T. -0.005 min

Lab File: VD080362.D

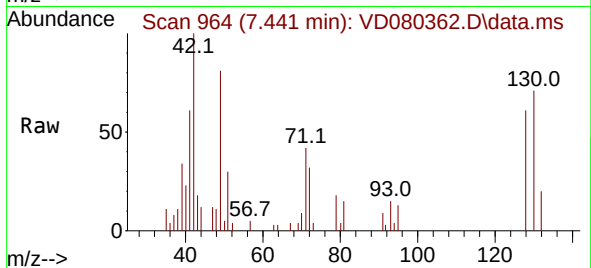
Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01



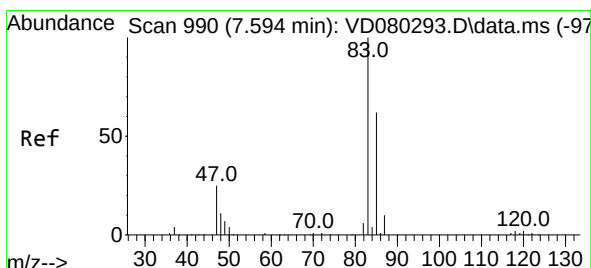
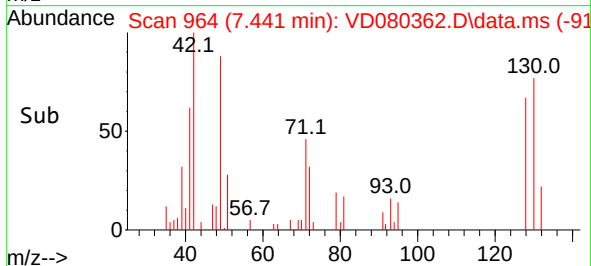
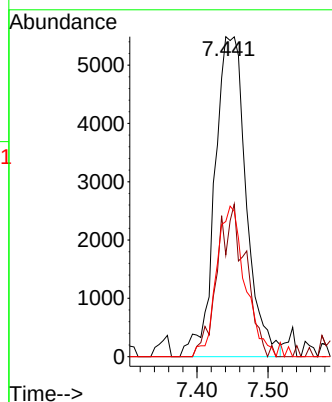
Tgt Ion: 42 Resp: 16840

Ion Ratio Lower Upper

42 100

72 43.3 36.7 55.1

71 42.8 34.4 51.6



#30

Chloroform

Concen: 25.375 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.005 min

Lab File: VD080362.D

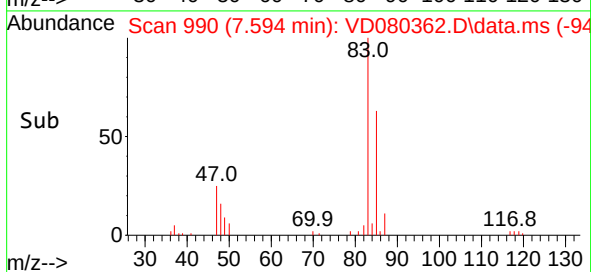
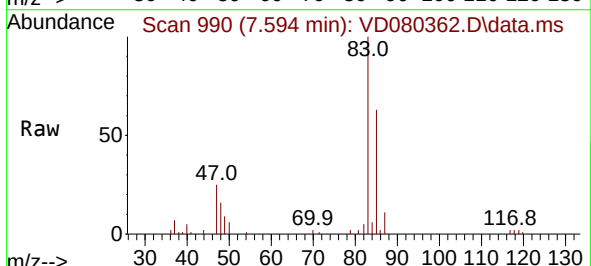
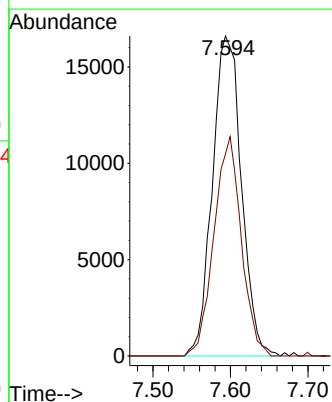
Acq: 16 May 2025 11:03

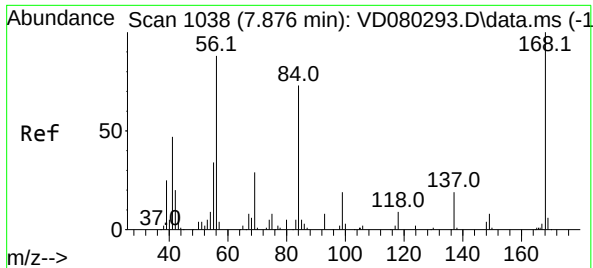
Tgt Ion: 83 Resp: 43219

Ion Ratio Lower Upper

83 100

85 63.1 50.8 76.2

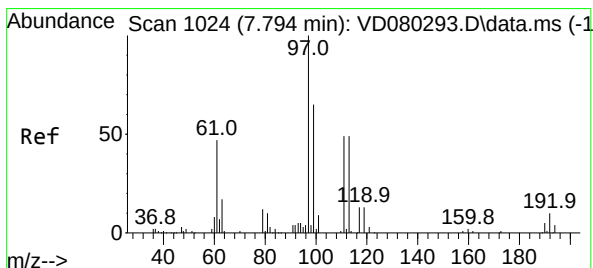
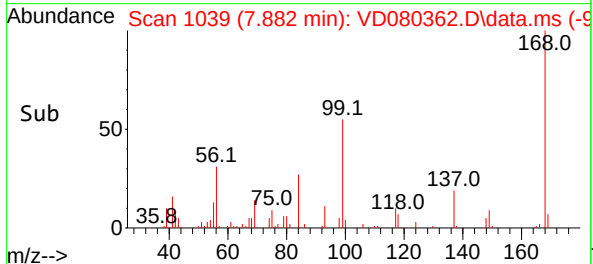
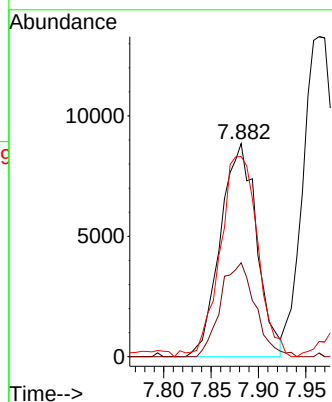
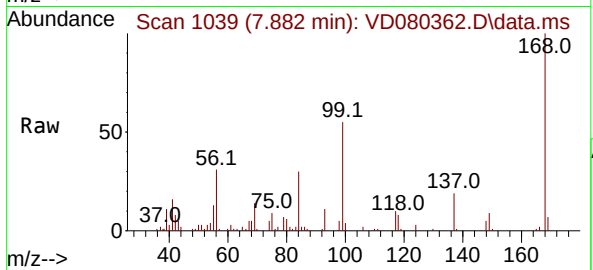




#31
Cyclohexane
Concen: 16.213 ug/l
RT: 7.882 min Scan# 1039
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

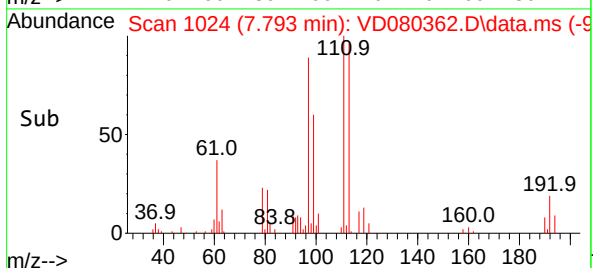
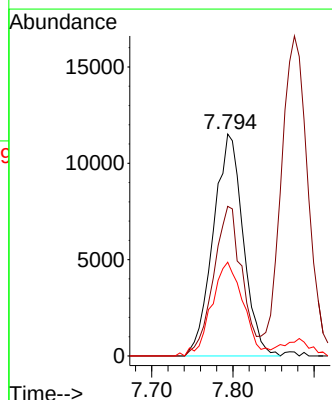
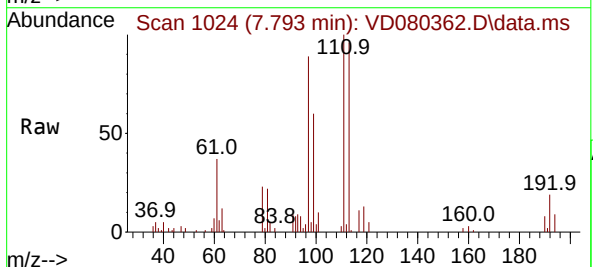
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

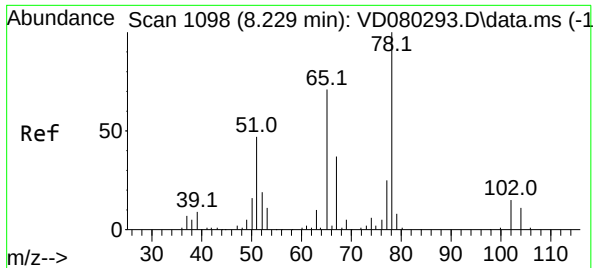
Tgt Ion: 56 Resp: 23567
Ion Ratio Lower Upper
56 100
69 44.0 27.3 40.9#
84 91.2 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 21.213 ug/l
RT: 7.793 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion: 97 Resp: 29476
Ion Ratio Lower Upper
97 100
99 63.4 50.7 76.1
61 44.8 34.2 51.2

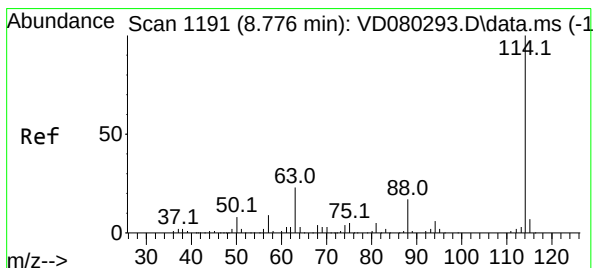
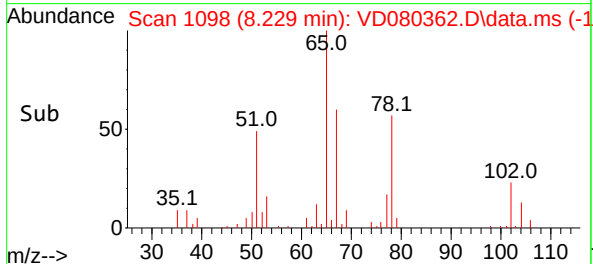
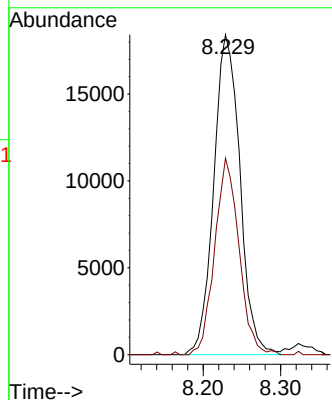
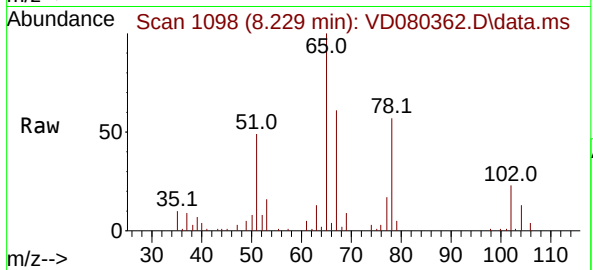




#33
1,2-Dichloroethane-d4
Concen: 48.371 ug/l
RT: 8.229 min Scan# 1098
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

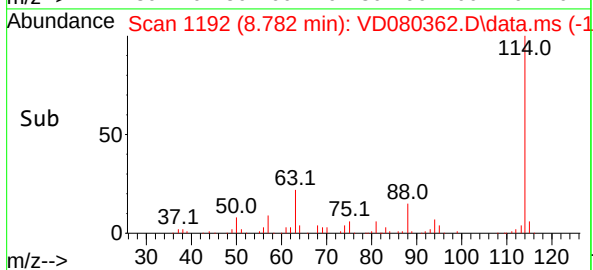
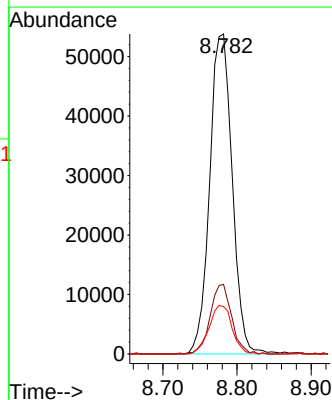
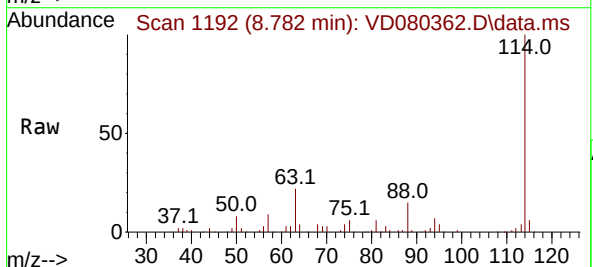
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

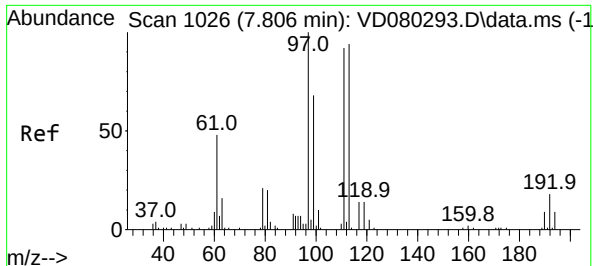
Tgt Ion: 65 Resp: 43279
Ion Ratio Lower Upper
65 100
67 57.0 0.0 109.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.782 min Scan# 1192
Delta R.T. 0.007 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion: 114 Resp: 113744
Ion Ratio Lower Upper
114 100
63 21.8 0.0 38.8
88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.363 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

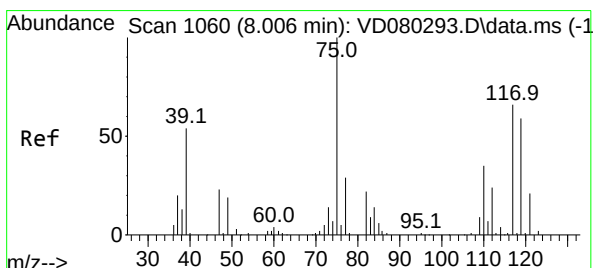
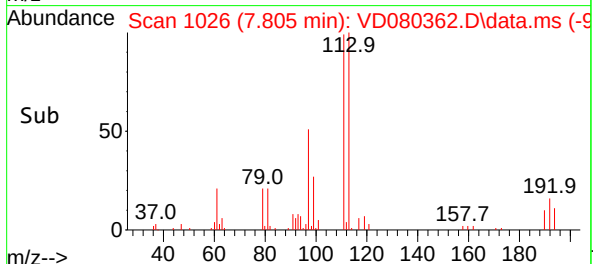
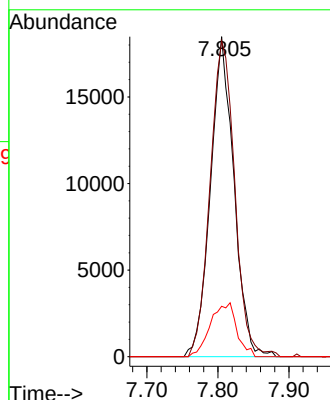
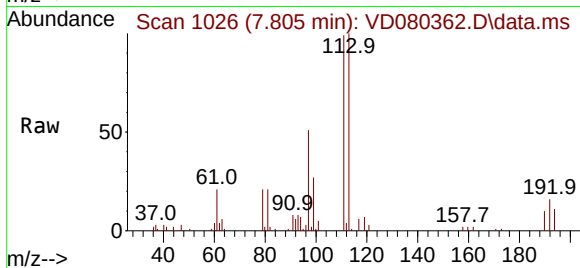
Tgt Ion:113 Resp: 42206

Ion Ratio Lower Upper

113 100

111 104.0 82.5 123.7

192 18.9 16.6 25.0



#36

1,1-Dichloropropene

Concen: 19.938 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

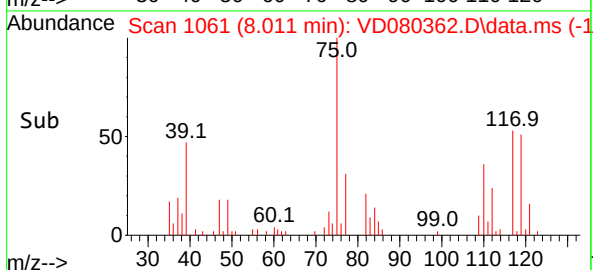
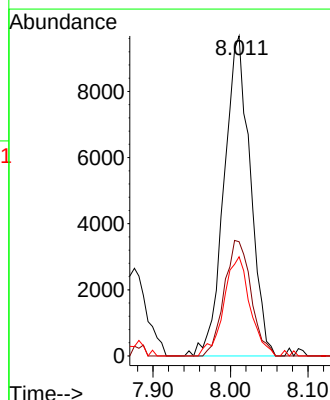
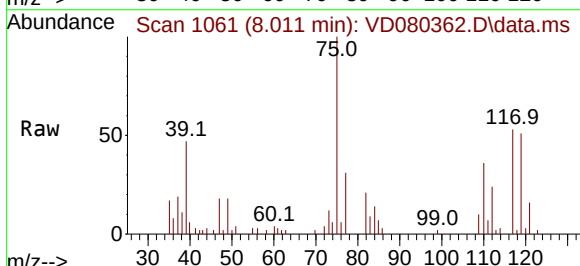
Tgt Ion: 75 Resp: 22717

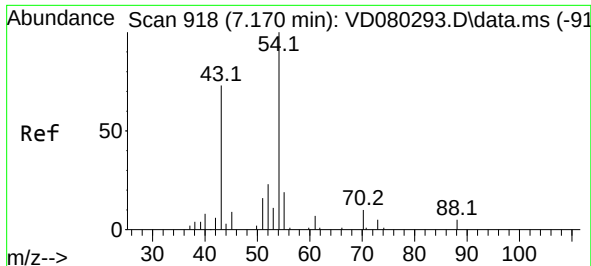
Ion Ratio Lower Upper

75 100

110 37.0 18.4 55.0

77 31.2 25.6 38.4





#37

Ethyl Acetate

Concen: 22.496 ug/l

RT: 7.170 min Scan# 918

Delta R.T. 0.001 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

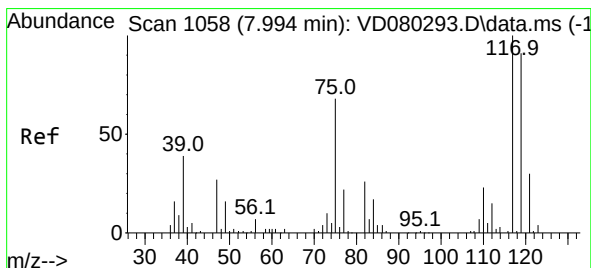
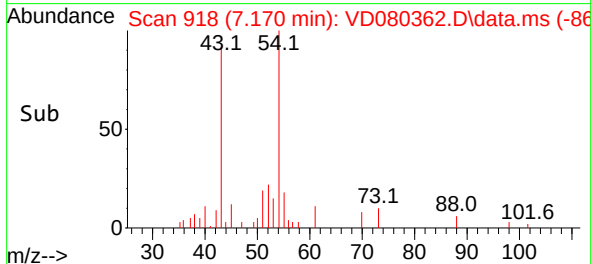
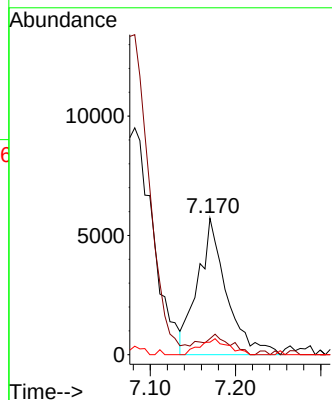
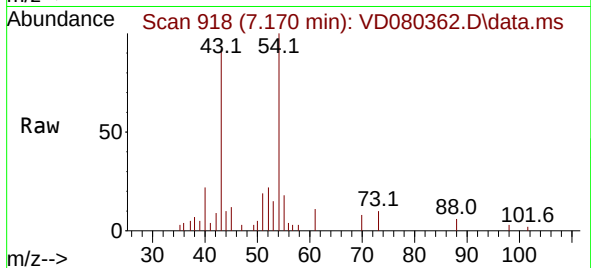
Tgt Ion: 43 Resp: 13403

Ion Ratio Lower Upper

43 100

61 14.8 11.0 16.4

70 11.4 9.4 14.2



#38

Carbon Tetrachloride

Concen: 21.317 ug/l

RT: 7.988 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

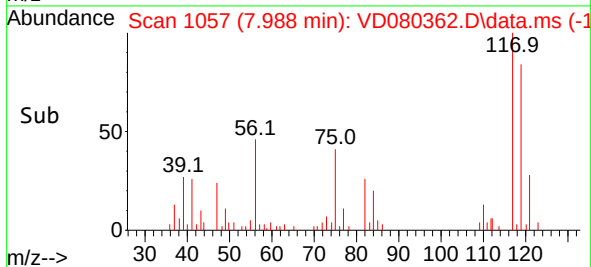
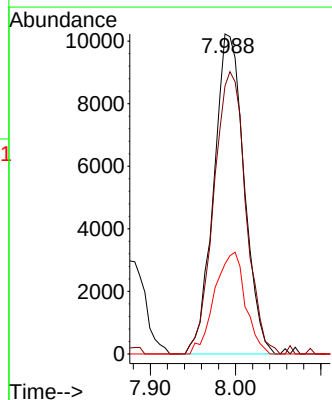
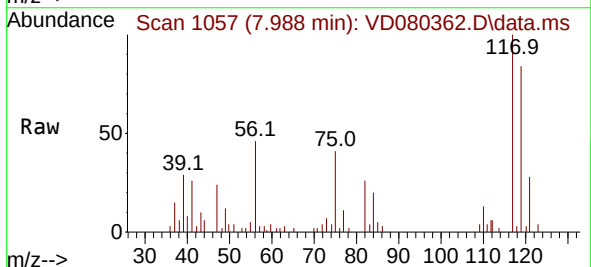
Tgt Ion: 117 Resp: 25329

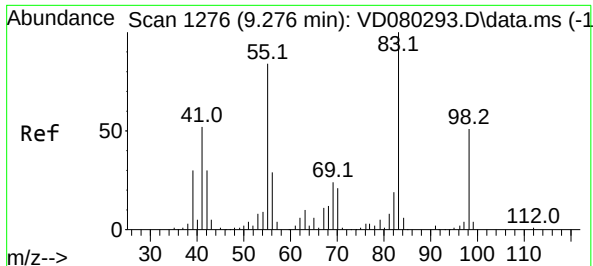
Ion Ratio Lower Upper

117 100

119 83.8 73.4 110.0

121 28.2 24.5 36.7





#39

Methylcyclohexane

Concen: 17.580 ug/l

RT: 9.270 min Scan# 1102

Delta R.T. -0.005 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

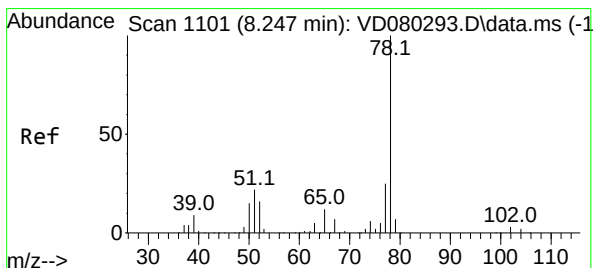
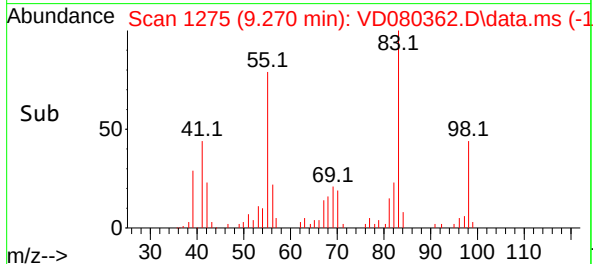
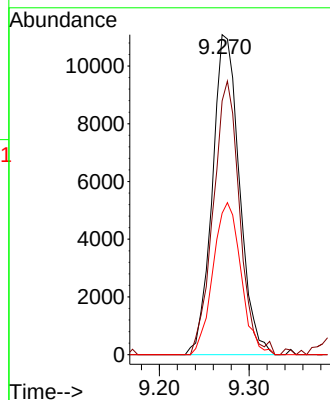
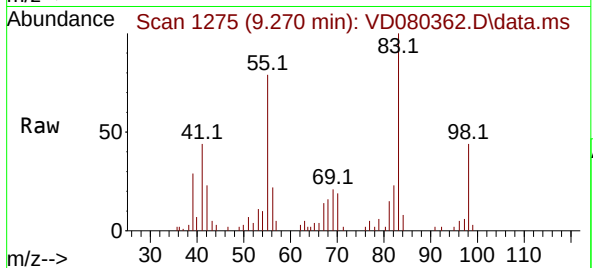
Tgt Ion: 83 Resp: 23242

Ion Ratio Lower Upper

83 100

55 79.3 62.0 93.0

98 44.2 38.7 58.1



#40

Benzene

Concen: 20.259 ug/l

RT: 8.252 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080362.D

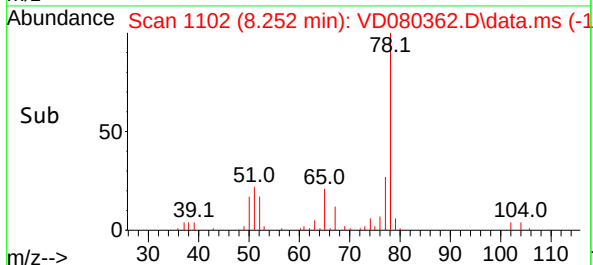
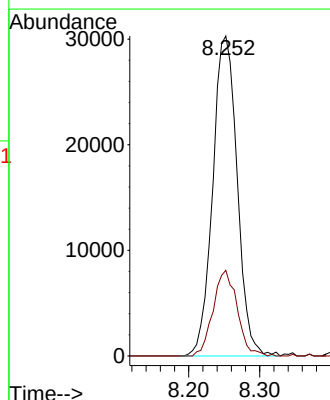
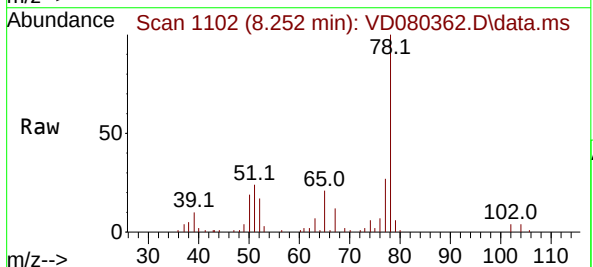
Acq: 16 May 2025 11:03

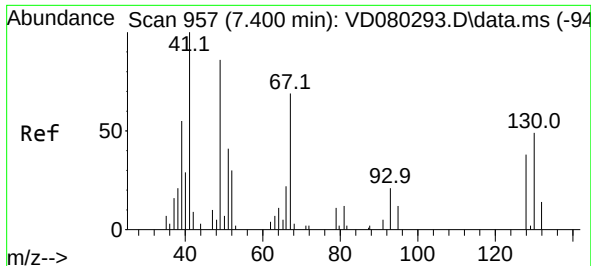
Tgt Ion: 78 Resp: 72324

Ion Ratio Lower Upper

78 100

77 26.8 20.2 30.4



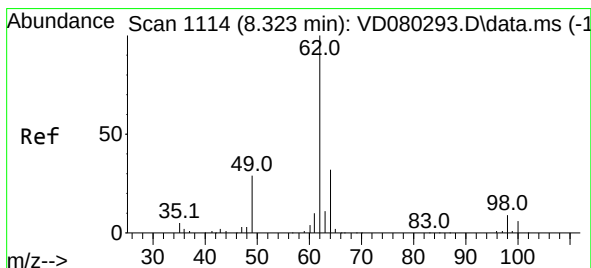
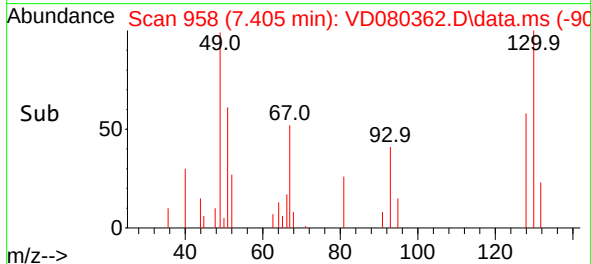
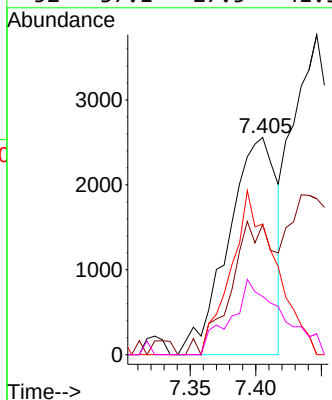
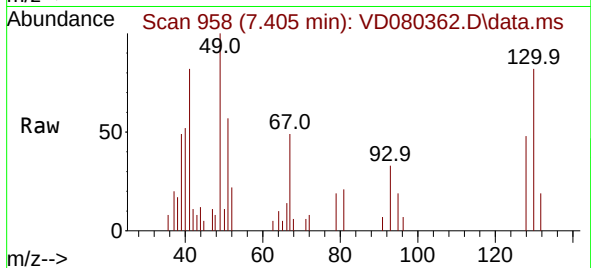


#41
Methacrylonitrile
Concen: 19.800 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

Tgt Ion: 41 Resp: 6528

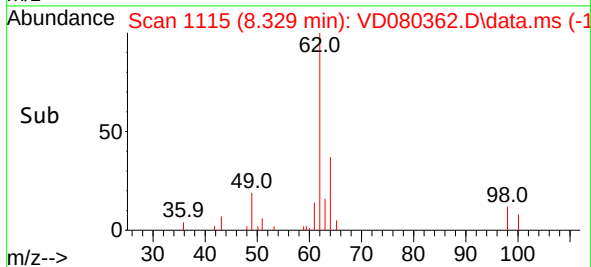
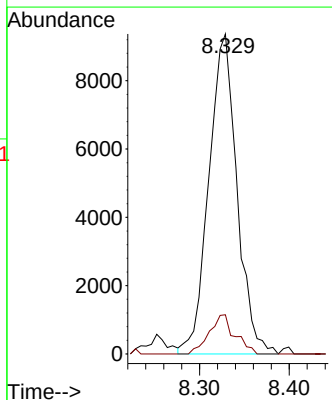
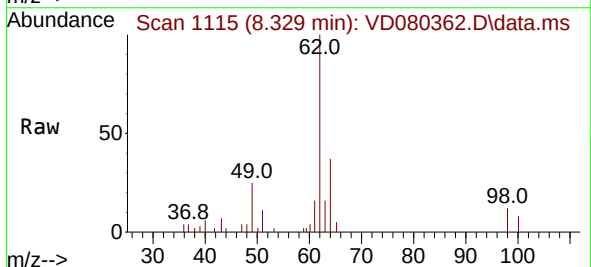
Ion	Ratio	Lower	Upper
41	100		
39	55.5	47.8	71.8
67	70.0	64.9	97.3
52	37.1	27.5	41.3

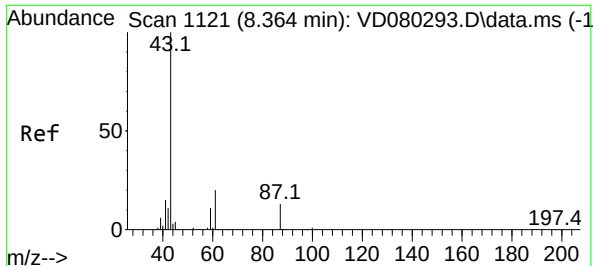


#42
1,2-Dichloroethane
Concen: 19.724 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion: 62 Resp: 20404

Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	19.8

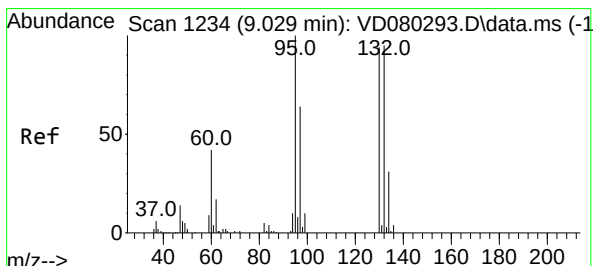
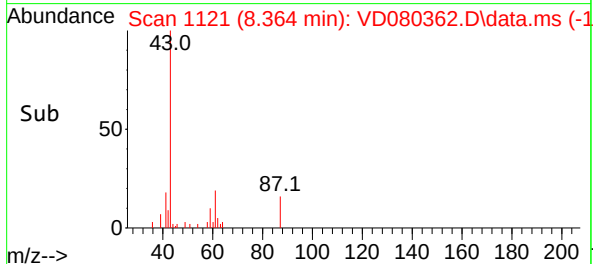
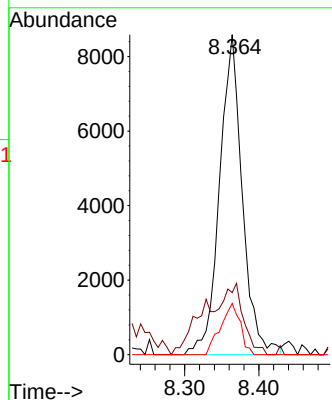
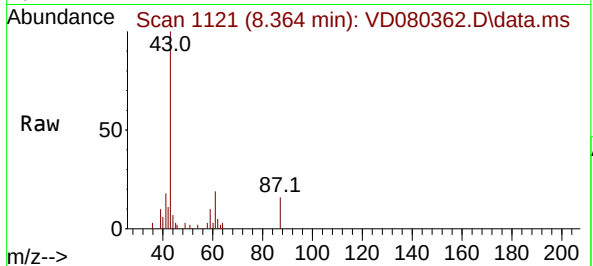




#43
Isopropyl Acetate
Concen: 16.967 ug/l
RT: 8.364 min Scan# 1121
Delta R.T. 0.006 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

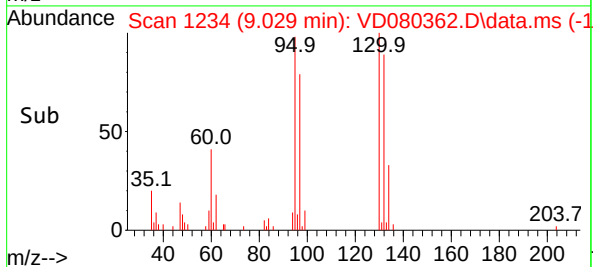
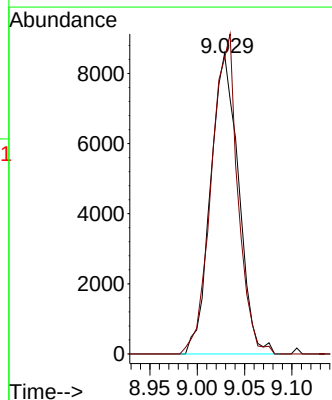
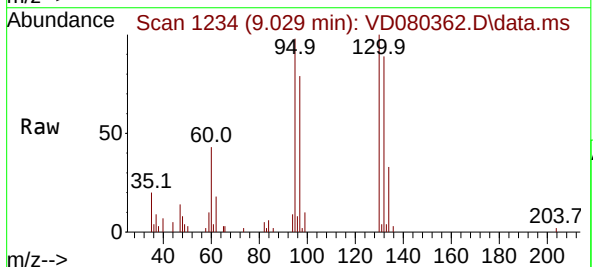
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

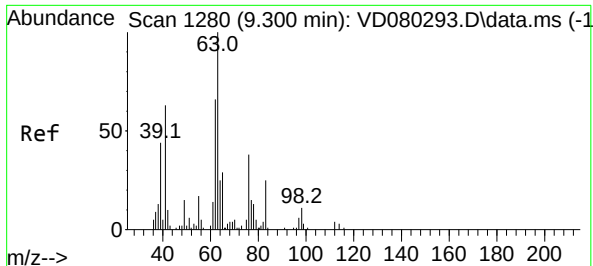
Tgt Ion: 43 Resp: 18331
Ion Ratio Lower Upper
43 100
61 21.3 26.2 39.2#
87 13.9 11.8 17.8



#44
Trichloroethene
Concen: 21.222 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion:130 Resp: 17587
Ion Ratio Lower Upper
130 100
95 98.4 0.0 194.6





#45

1,2-Dichloropropane

Concen: 20.510 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

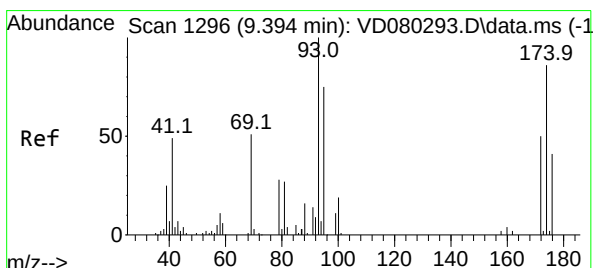
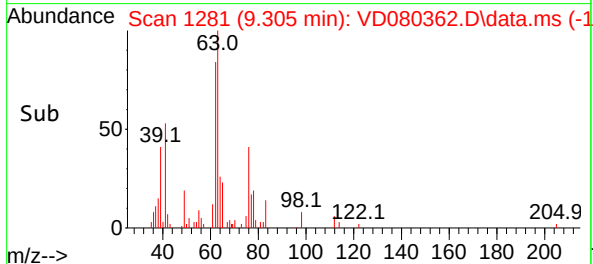
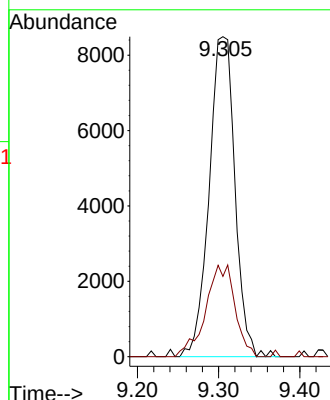
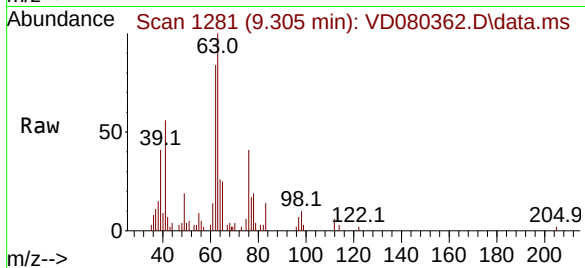
VD0516SBS01

Tgt Ion: 63 Resp: 18779

Ion Ratio Lower Upper

63 100

65 25.1 26.2 39.4#



#46

Dibromomethane

Concen: 21.380 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. -0.005 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

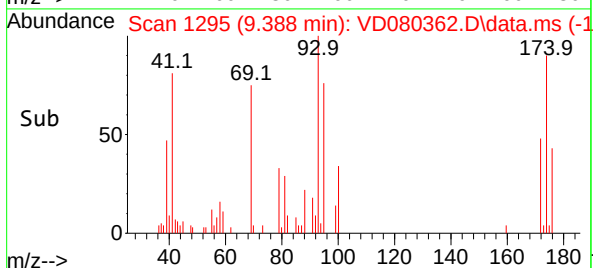
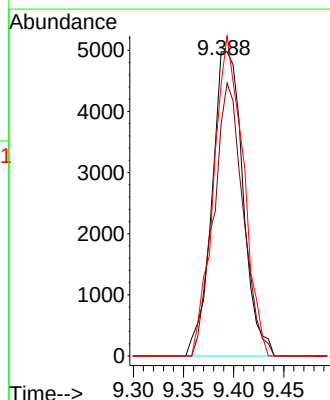
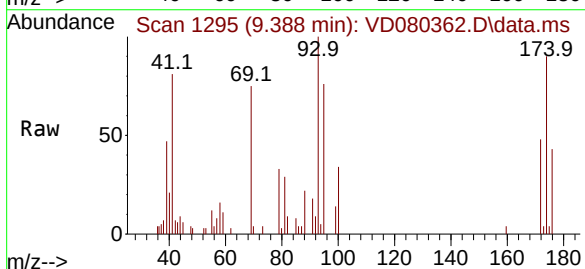
Tgt Ion: 93 Resp: 10658

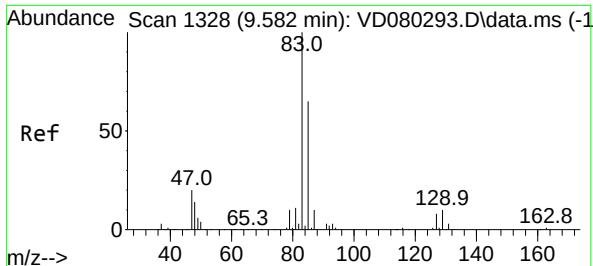
Ion Ratio Lower Upper

93 100

95 85.3 67.9 101.9

174 100.8 80.5 120.7





#47

Bromodichloromethane

Concen: 21.238 ug/l

RT: 9.588 min Scan# 1328

Delta R.T. 0.001 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

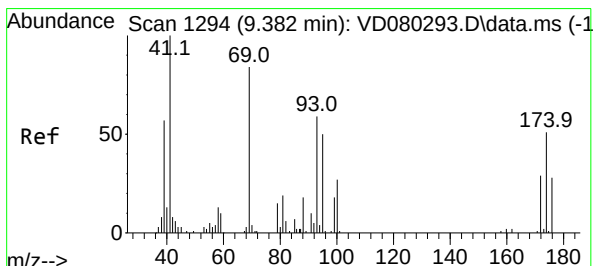
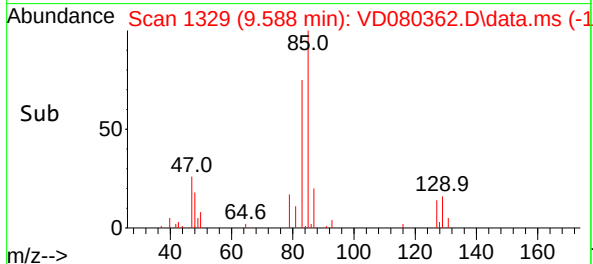
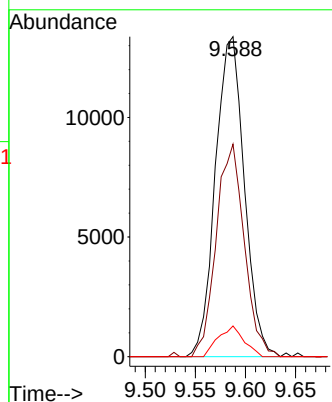
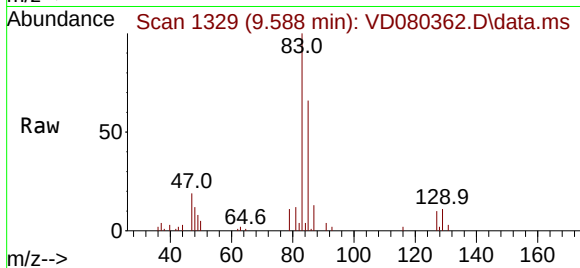
Tgt Ion: 83 Resp: 26872

Ion Ratio Lower Upper

83 100

85 66.4 50.6 75.8

127 9.6 6.1 9.1#



#48

Methyl methacrylate

Concen: 17.213 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. 0.001 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

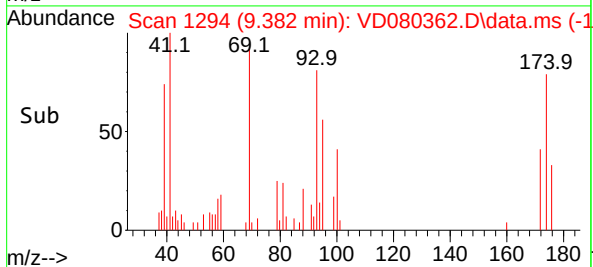
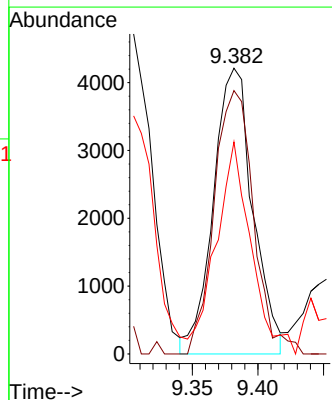
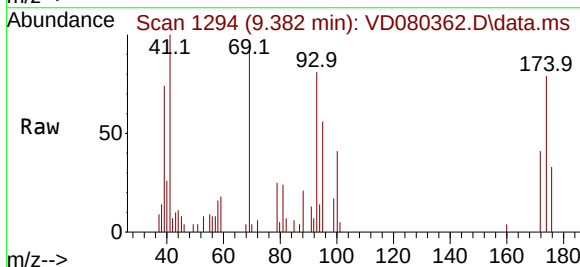
Tgt Ion: 41 Resp: 8836

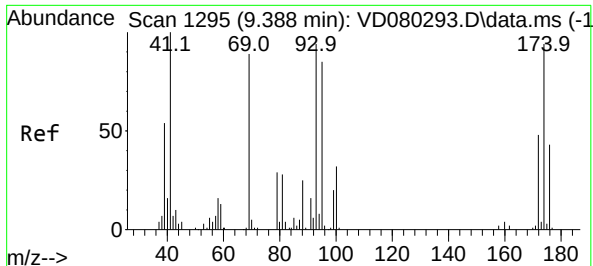
Ion Ratio Lower Upper

41 100

69 92.0 74.0 111.0

39 65.3 41.9 62.9#





#49

1,4-Dioxane

Concen: 318.730 ug/l

RT: 9.388 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

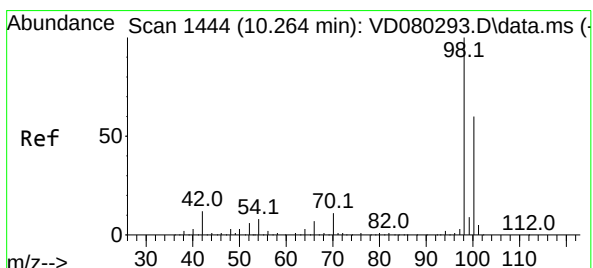
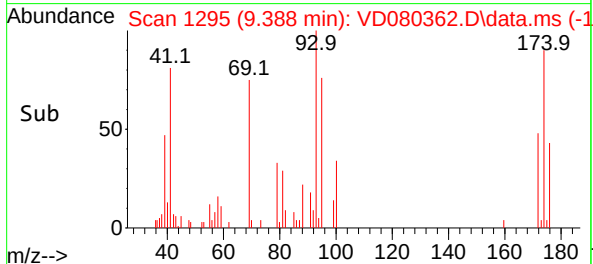
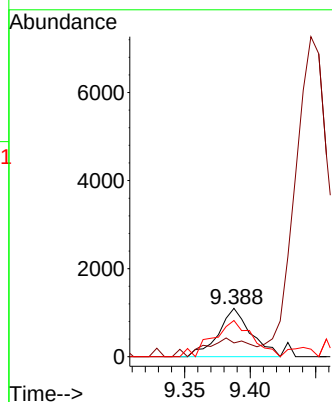
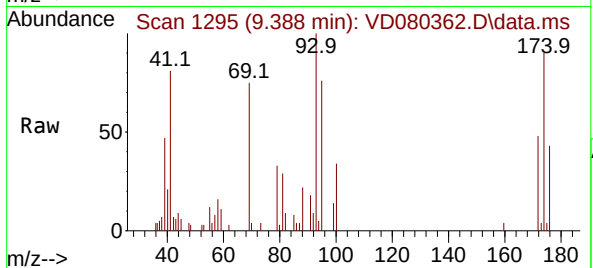
Tgt Ion: 88 Resp: 1889

Ion Ratio Lower Upper

88 100

43 51.3 29.1 43.7#

58 89.7 59.9 89.9



#50

Toluene-d8

Concen: 53.175 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.001 min

Lab File: VD080362.D

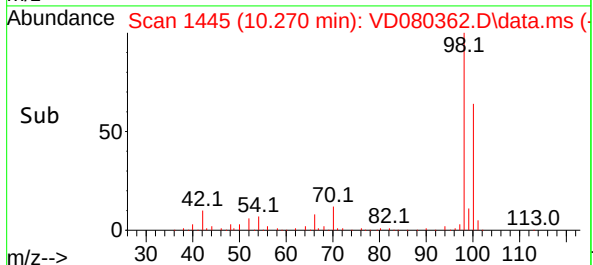
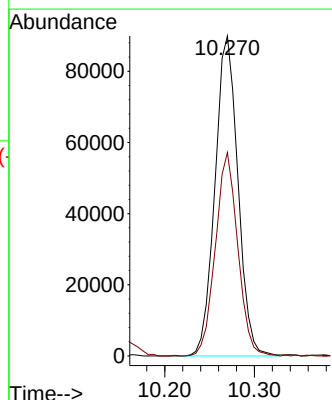
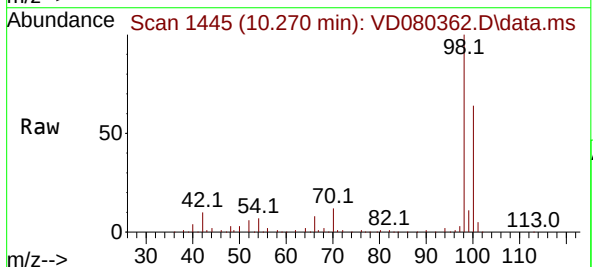
Acq: 16 May 2025 11:03

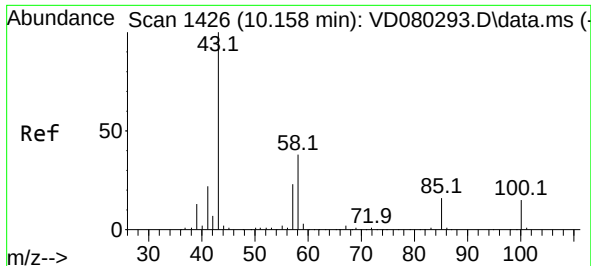
Tgt Ion: 98 Resp: 159724

Ion Ratio Lower Upper

98 100

100 61.9 50.2 75.4

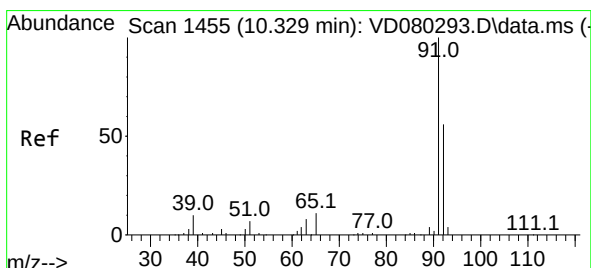
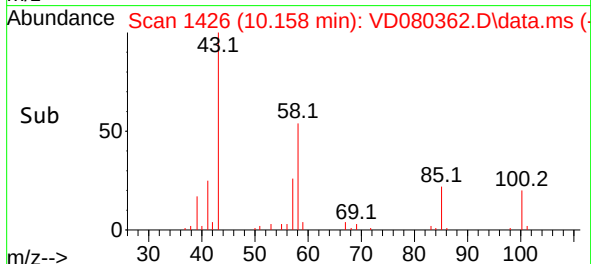
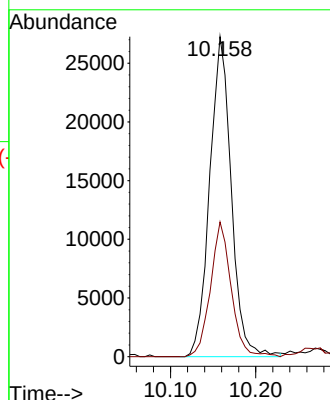
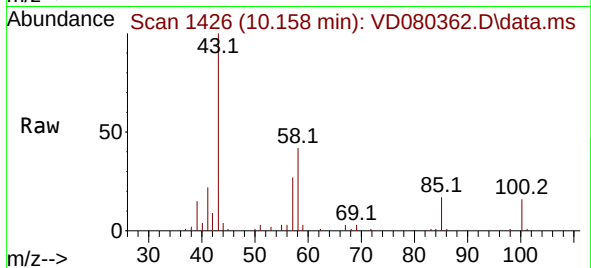




#51
4-Methyl-2-Pentanone
Concen: 86.050 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

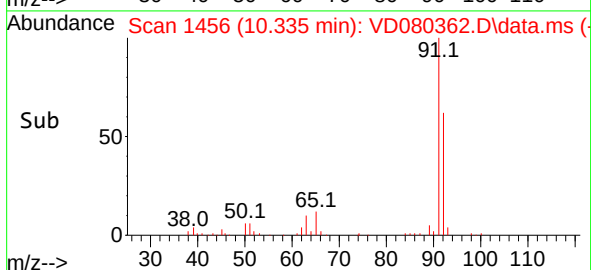
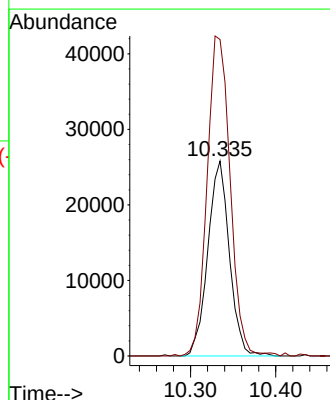
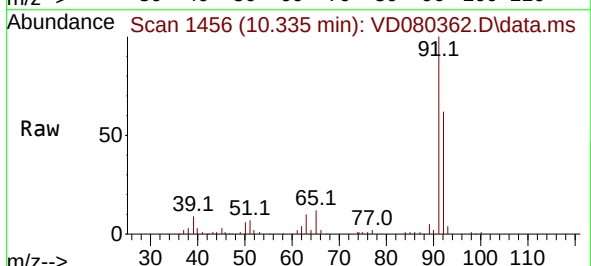
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

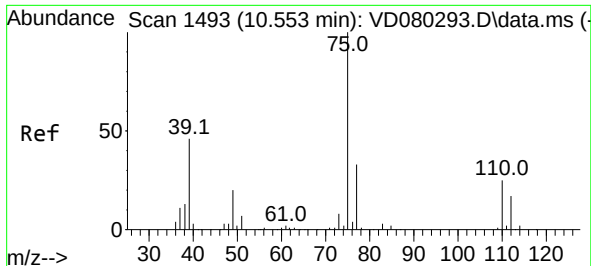
Tgt Ion: 43 Resp: 47900
Ion Ratio Lower Upper
43 100
58 40.4 32.8 49.2



#52
Toluene
Concen: 21.110 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion: 92 Resp: 45401
Ion Ratio Lower Upper
92 100
91 175.4 139.3 208.9

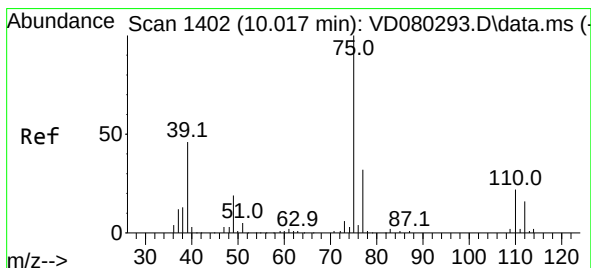
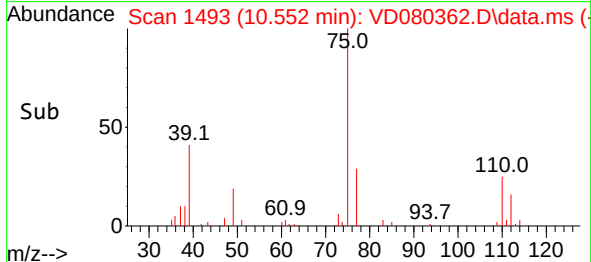
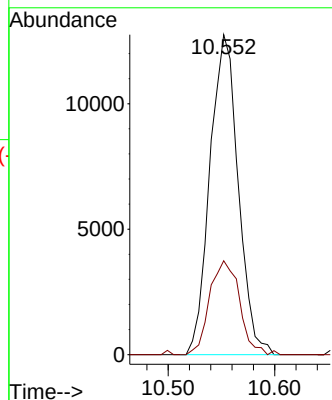
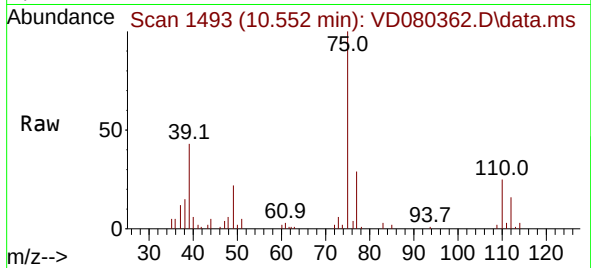




#53
t-1,3-Dichloropropene
Concen: 20.395 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

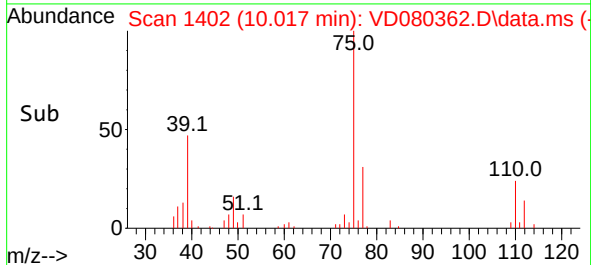
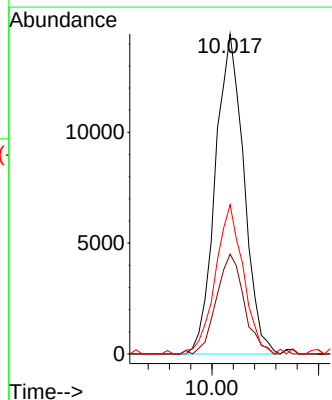
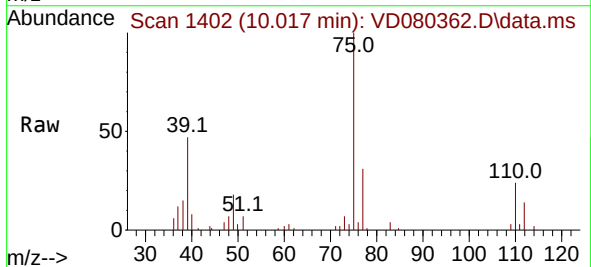
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

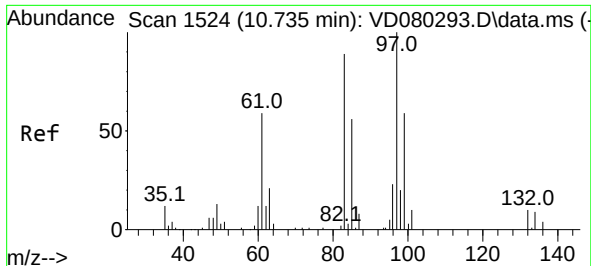
Tgt Ion: 75 Resp: 23525
Ion Ratio Lower Upper
75 100
77 29.4 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 19.993 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion: 75 Resp: 26724
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4
39 46.7 33.2 49.8

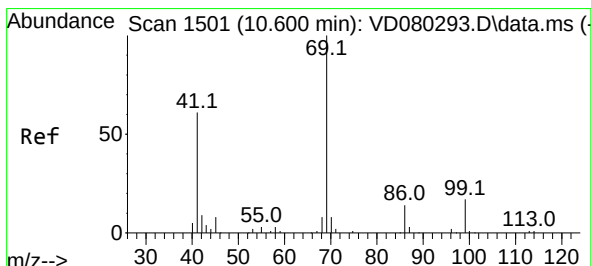
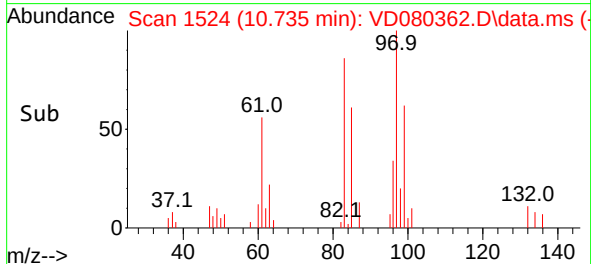
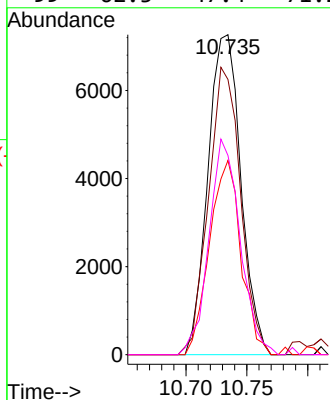
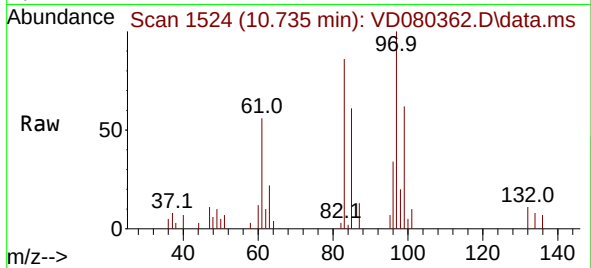




#55
1,1,2-Trichloroethane
Concen: 20.786 ug/l
RT: 10.735 min Scan# 1524
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

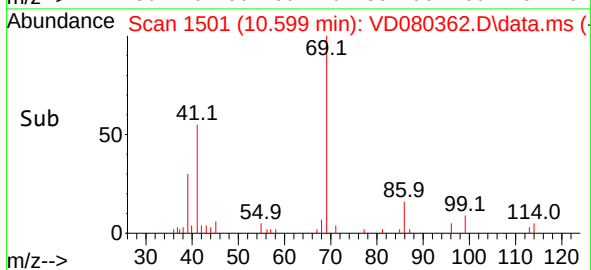
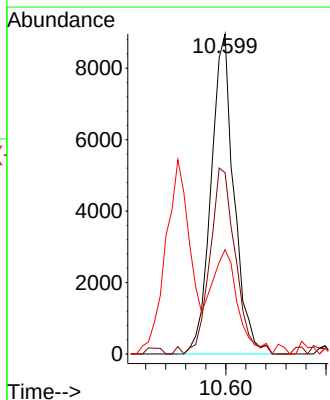
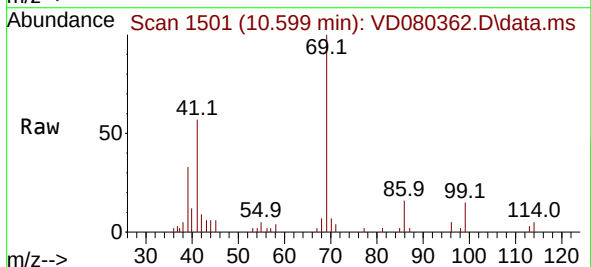
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

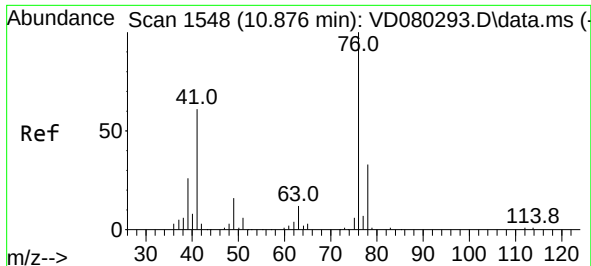
Tgt Ion: 97	Resp: 13706
Ion Ratio	Lower Upper
97 100	
83 86.0	69.2 103.8
85 60.7	43.0 64.6
99 62.3	47.4 71.2



#56
Ethyl methacrylate
Concen: 17.778 ug/l
RT: 10.599 min Scan# 1501
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion: 69	Resp: 14205
Ion Ratio	Lower Upper
69 100	
41 64.8	50.4 75.6
39 37.8	26.0 39.0





#57

1,3-Dichloropropane

Concen: 25.908 ug/l

RT: 10.882 min Scan# 1549

Delta R.T. 0.001 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

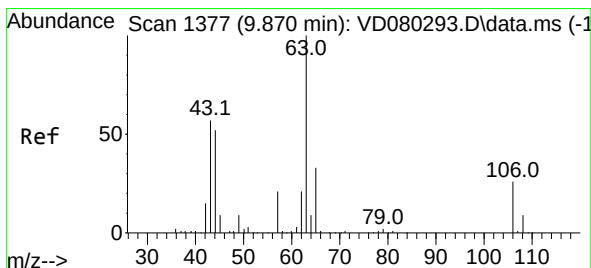
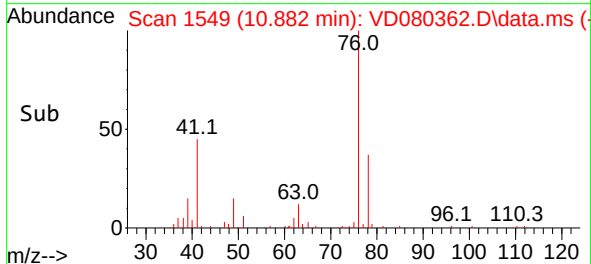
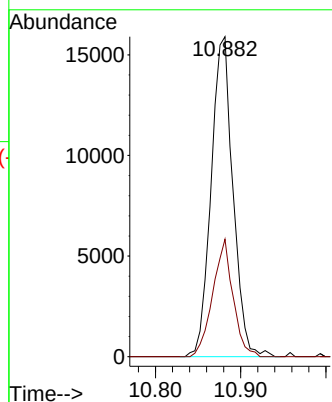
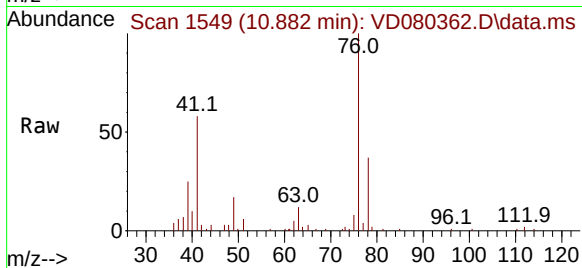
VD0516SBS01

Tgt Ion: 76 Resp: 28392

Ion Ratio Lower Upper

76 100

78 34.2 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 92.492 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VD080362.D

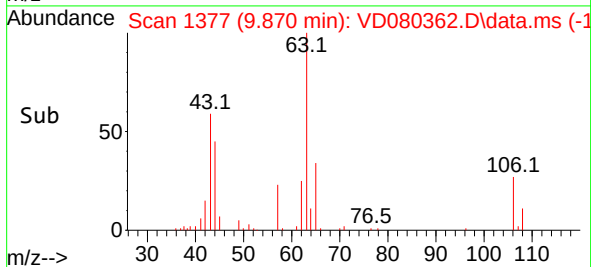
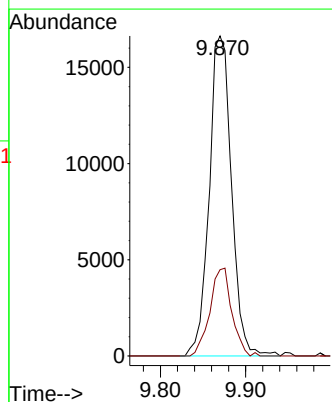
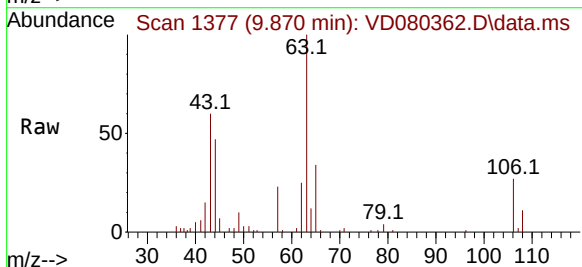
Acq: 16 May 2025 11:03

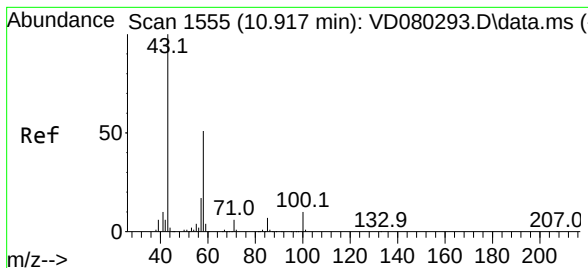
Tgt Ion: 63 Resp: 30244

Ion Ratio Lower Upper

63 100

106 27.0 21.8 32.6





#59

2-Hexanone

Concen: 107.460 ug/l

RT: 10.923 min Scan# 1556

Delta R.T. 0.007 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

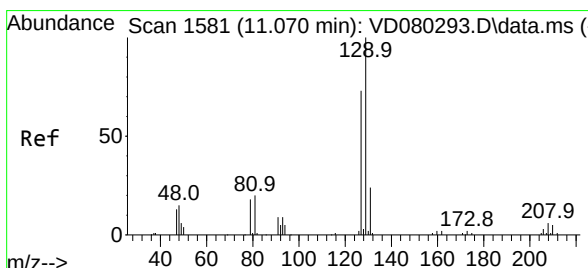
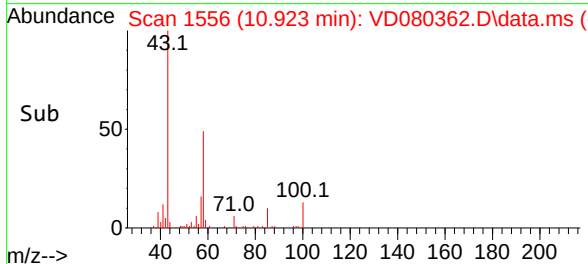
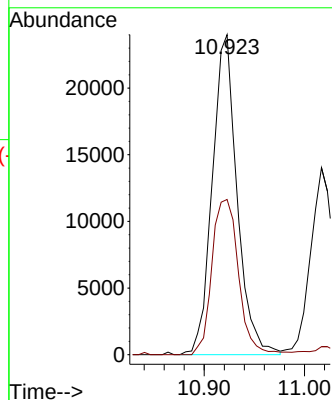
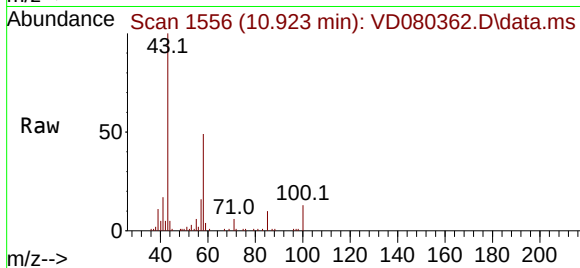
VD0516SBS01

Tgt Ion: 43 Resp: 41149

Ion Ratio Lower Upper

43 100

58 52.3 27.8 83.4



#60

Dibromochloromethane

Concen: 29.605 ug/l

RT: 11.070 min Scan# 1581

Delta R.T. -0.005 min

Lab File: VD080362.D

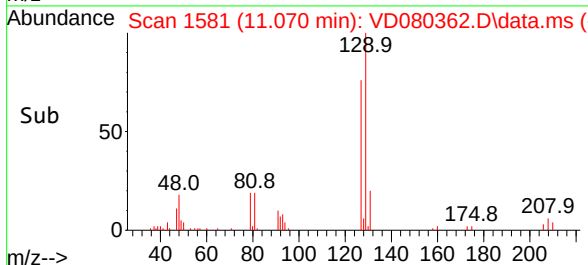
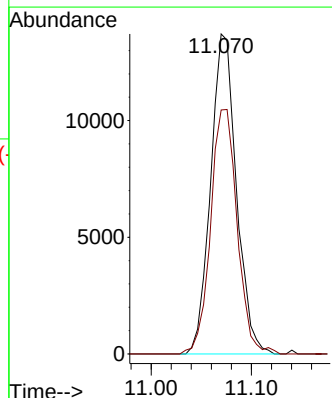
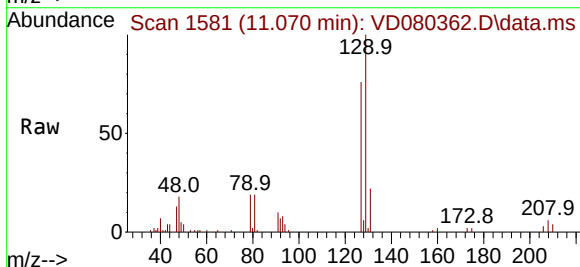
Acq: 16 May 2025 11:03

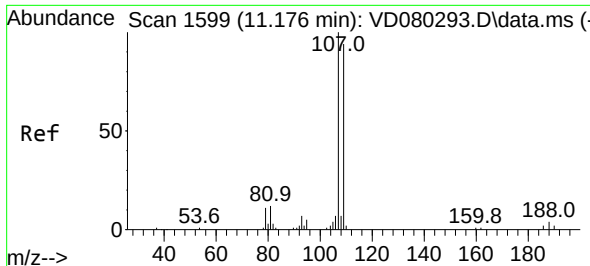
Tgt Ion:129 Resp: 24464

Ion Ratio Lower Upper

129 100

127 78.6 38.4 115.2

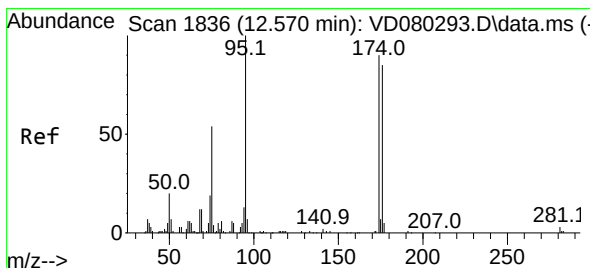
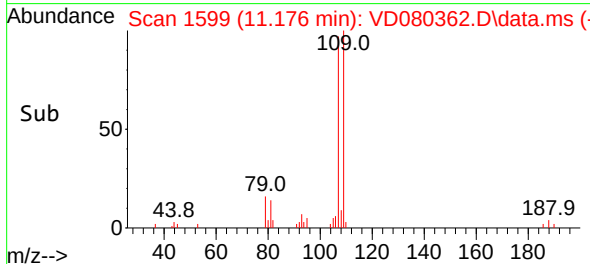
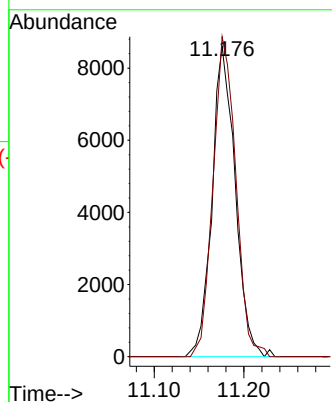
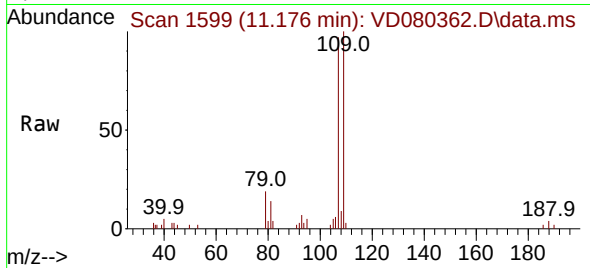




#61
1,2-Dibromoethane
Concen: 25.272 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.005 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

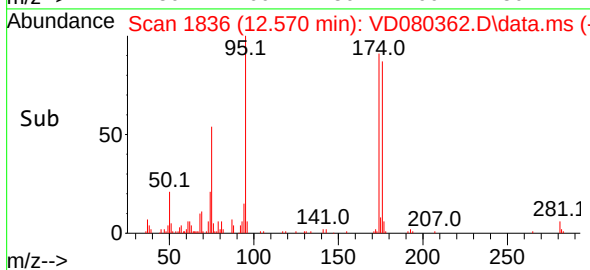
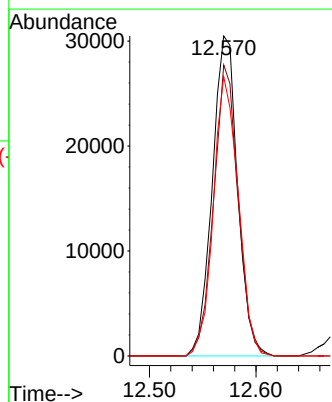
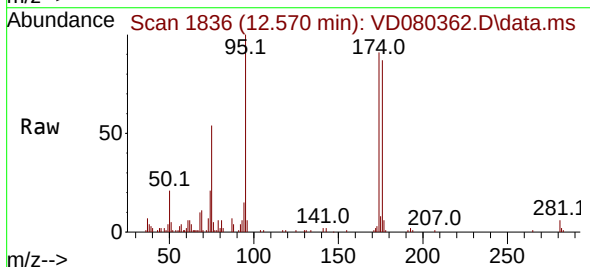
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

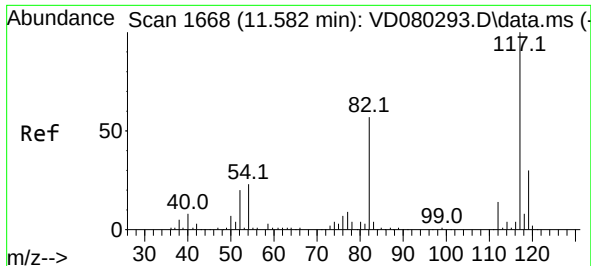
Tgt Ion:107 Resp: 15452
Ion Ratio Lower Upper
107 100
109 101.7 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 52.212 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion: 95 Resp: 50338
Ion Ratio Lower Upper
95 100
174 87.8 0.0 173.4
176 86.0 0.0 166.6

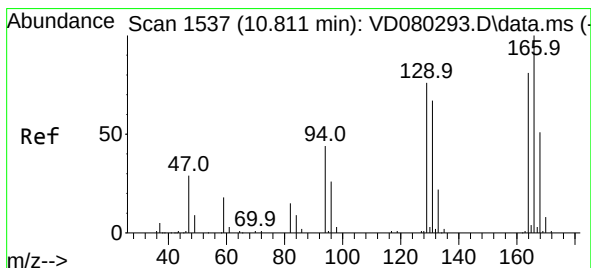
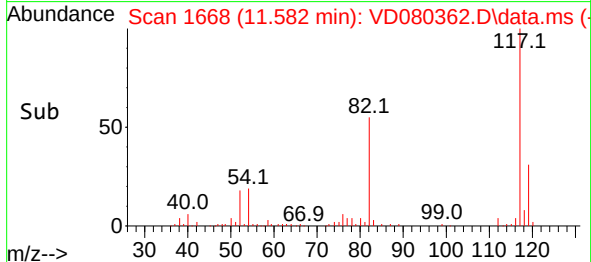
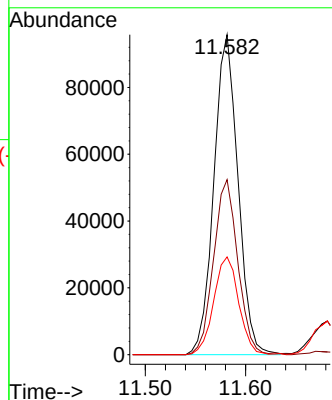
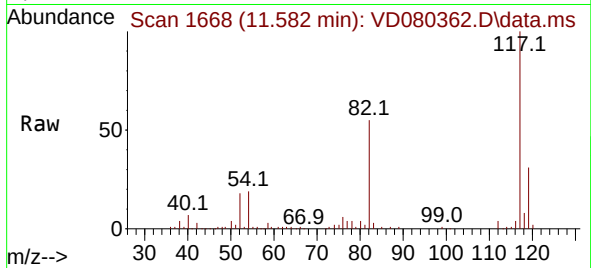




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

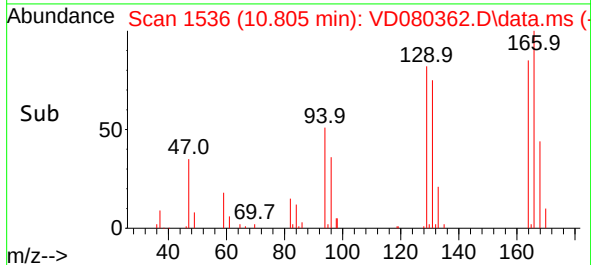
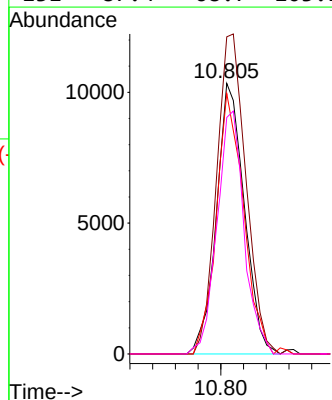
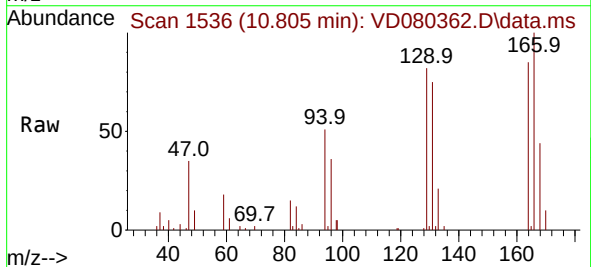
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

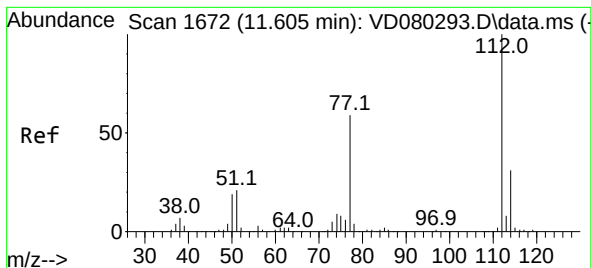
Tgt Ion:117 Resp: 159822
Ion Ratio Lower Upper
117 100
82 54.7 45.8 68.6
119 30.6 26.2 39.2



#64
Tetrachloroethene
Concen: 16.307 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. -0.005 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion:164 Resp: 17649
Ion Ratio Lower Upper
164 100
166 117.2 97.5 146.3
129 96.3 70.6 106.0
131 87.4 68.7 103.1





#65

Chlorobenzene

Concen: 20.438 ug/l

RT: 11.605 min Scan# 1672

Delta R.T. 0.001 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

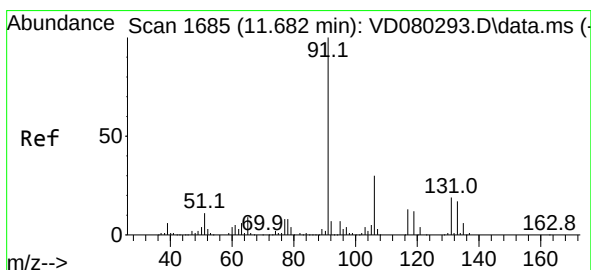
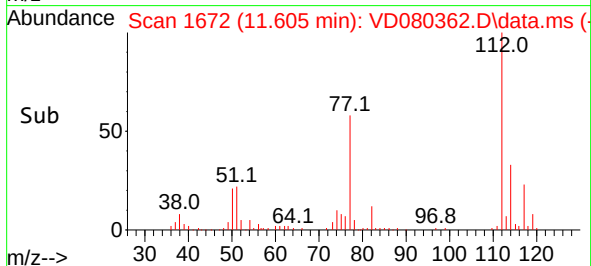
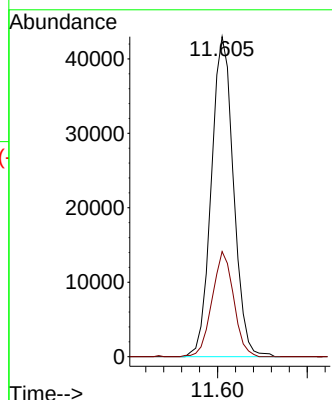
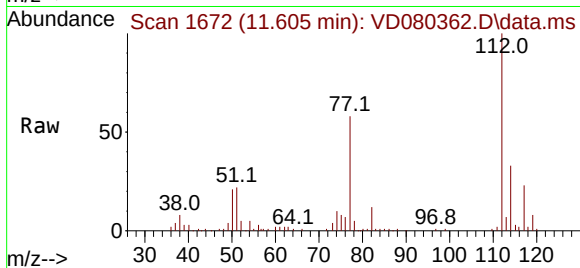
VD0516SBS01

Tgt Ion:112 Resp: 73754

Ion Ratio Lower Upper

112 100

114 32.9 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 20.648 ug/l

RT: 11.682 min Scan# 1685

Delta R.T. 0.001 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

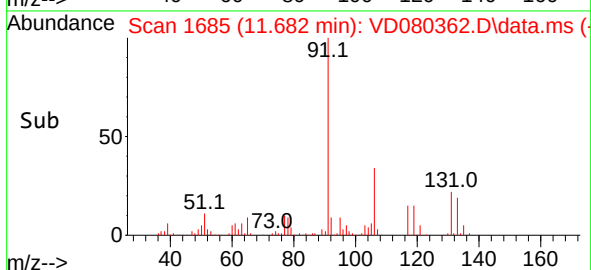
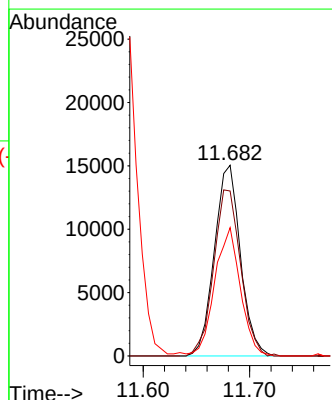
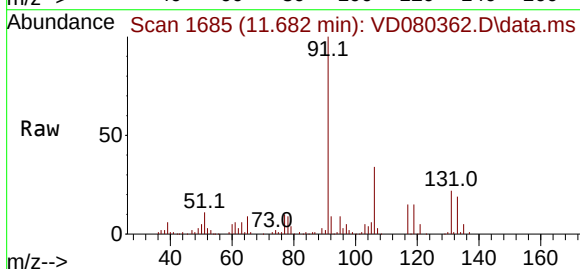
Tgt Ion:131 Resp: 25600

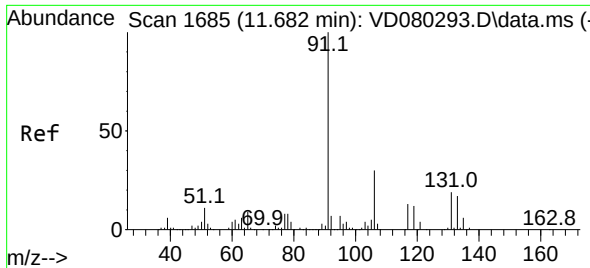
Ion Ratio Lower Upper

131 100

133 89.8 48.8 146.4

119 66.8 34.8 104.3

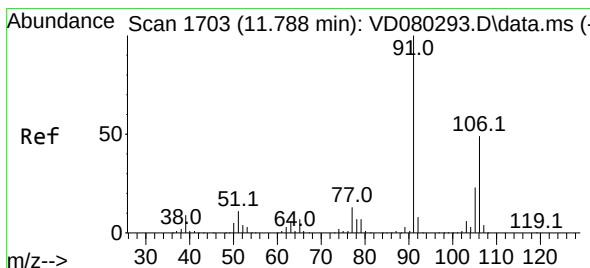
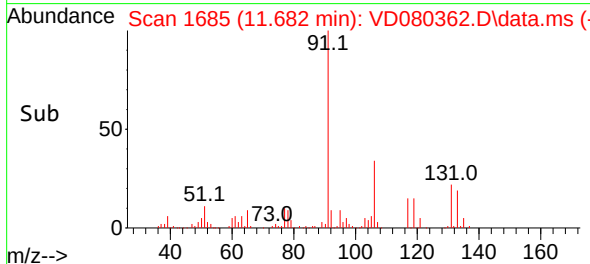
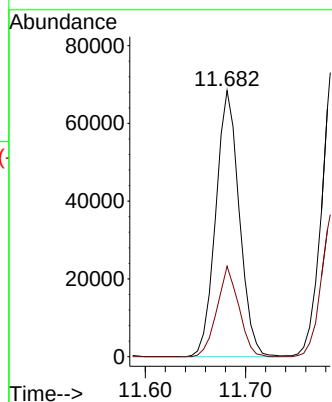
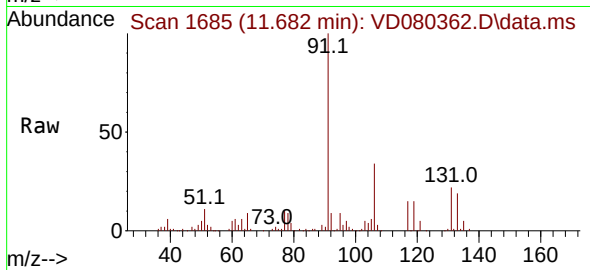




#67
Ethyl Benzene
Concen: 18.478 ug/l
RT: 11.682 min Scan# 1104
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

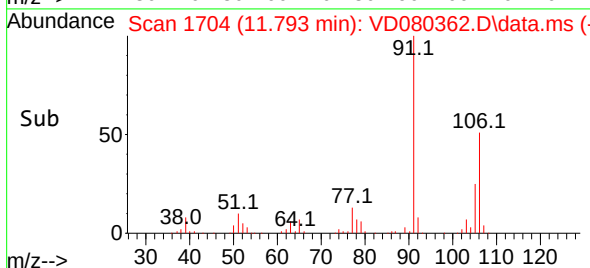
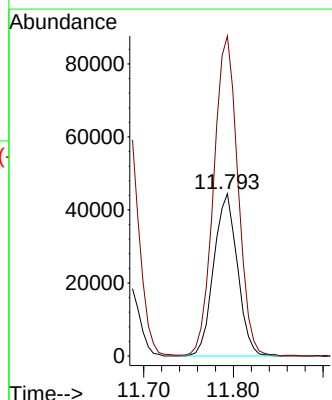
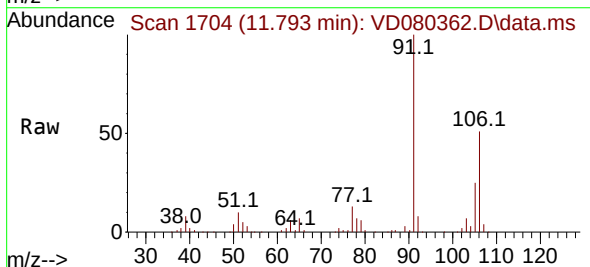
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

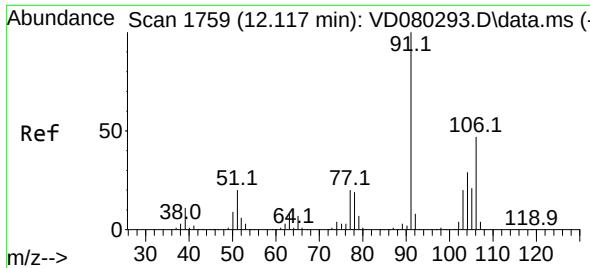
Tgt Ion: 91 Resp: 111431
Ion Ratio Lower Upper
91 100
106 34.0 23.6 35.4



#68
m/p-Xylenes
Concen: 34.688 ug/l
RT: 11.793 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion: 106 Resp: 81224
Ion Ratio Lower Upper
106 100
91 201.4 162.6 244.0

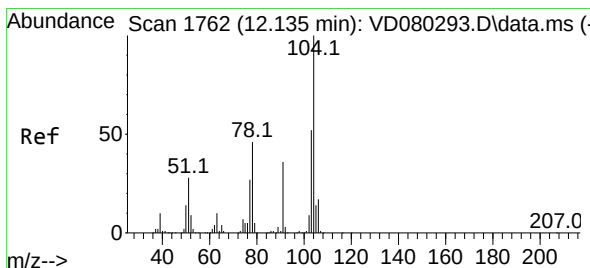
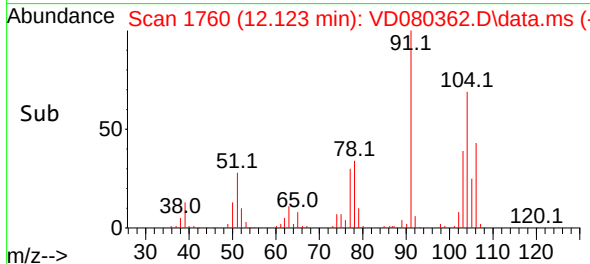
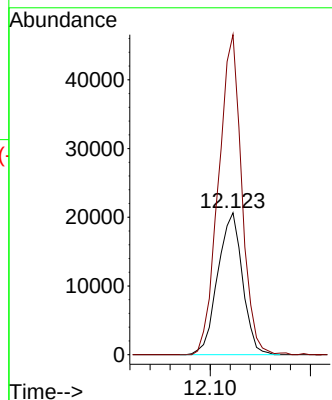
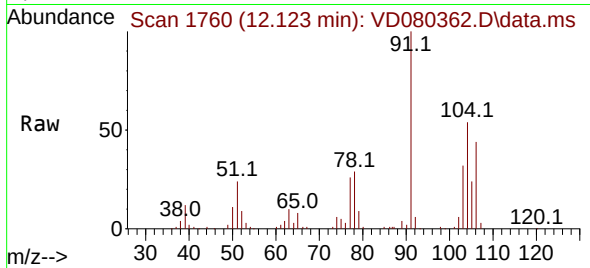




#69
o-Xylene
Concen: 16.471 ug/l
RT: 12.123 min Scan# 1759
Delta R.T. 0.007 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

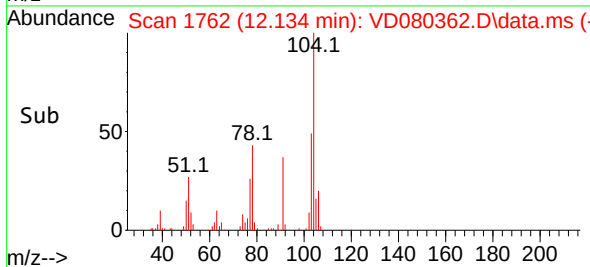
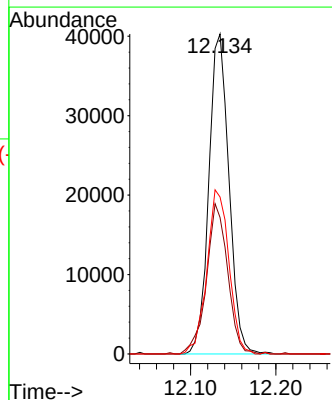
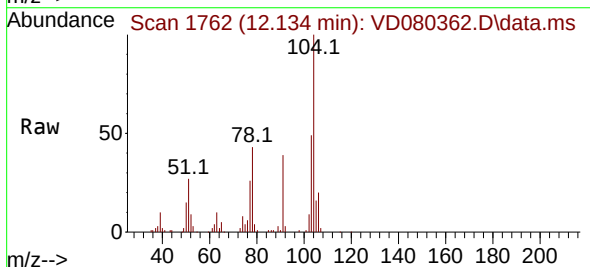
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

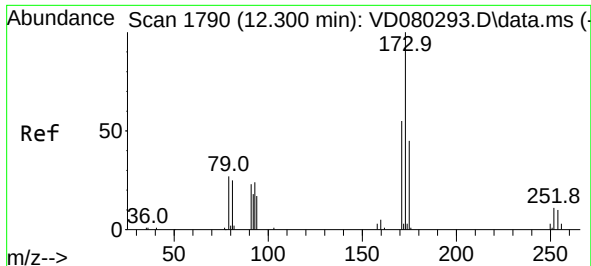
Tgt Ion:106 Resp: 35244
Ion Ratio Lower Upper
106 100
91 212.3 110.5 331.5



#70
Styrene
Concen: 17.198 ug/l
RT: 12.134 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion:104 Resp: 66077
Ion Ratio Lower Upper
104 100
78 49.4 39.8 59.8
103 56.1 45.2 67.8

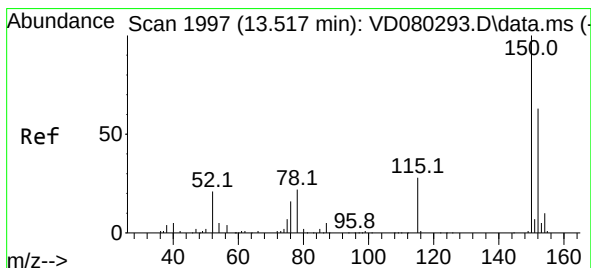
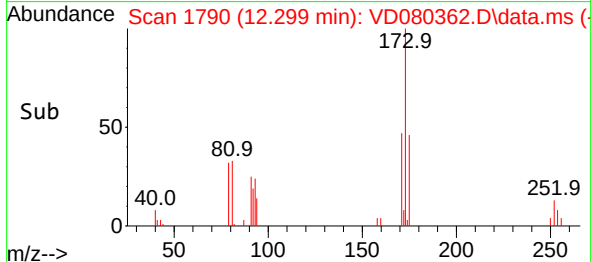
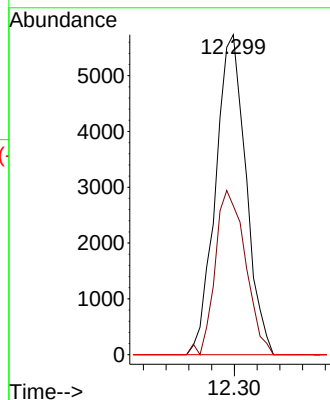
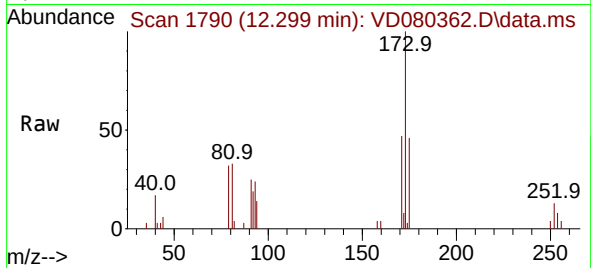




#71
Bromoform
Concen: 14.457 ug/l
RT: 12.299 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

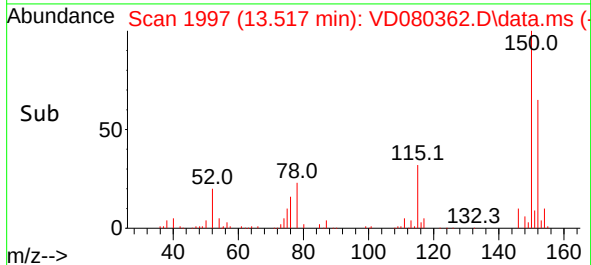
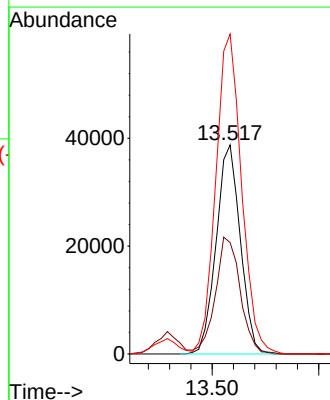
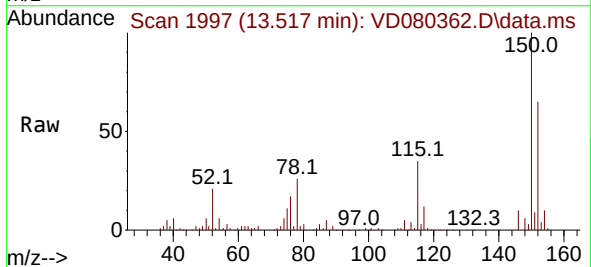
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

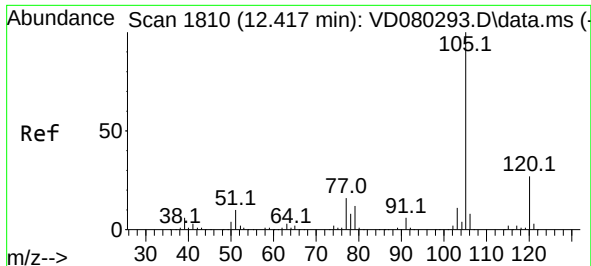
Tgt Ion:173 Resp: 10649
Ion Ratio Lower Upper
173 100
175 51.2 24.8 74.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion:152 Resp: 60838
Ion Ratio Lower Upper
152 100
115 57.6 28.9 86.8
150 163.5 0.0 354.8

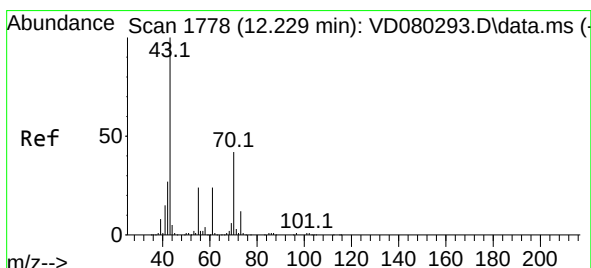
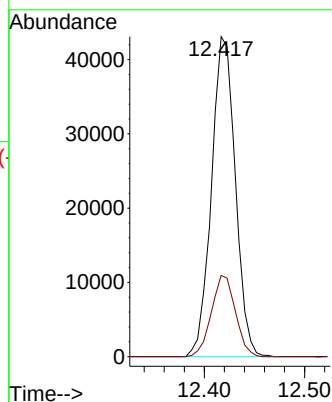
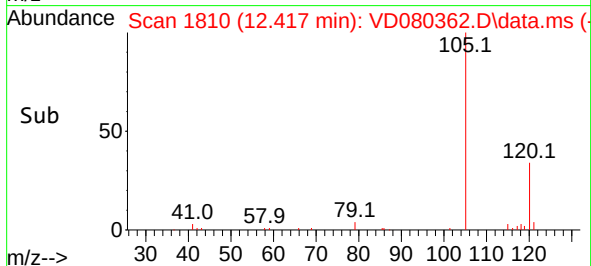
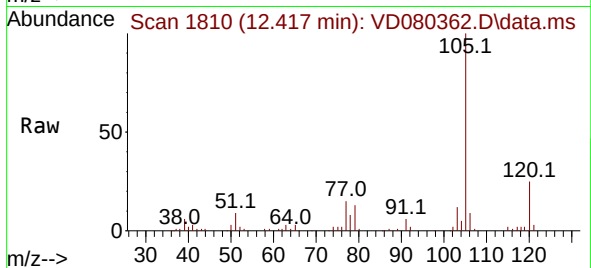




#73
Isopropylbenzene
Concen: 18.045 ug/l
RT: 12.417 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

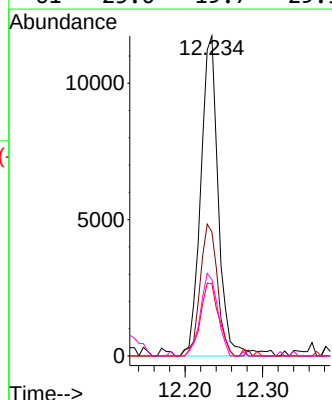
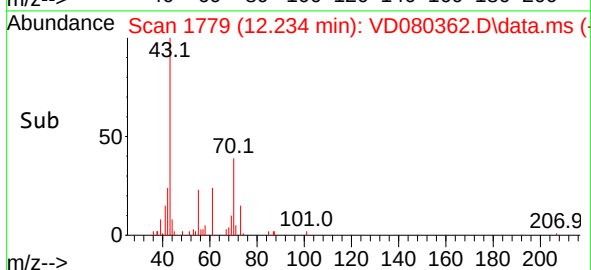
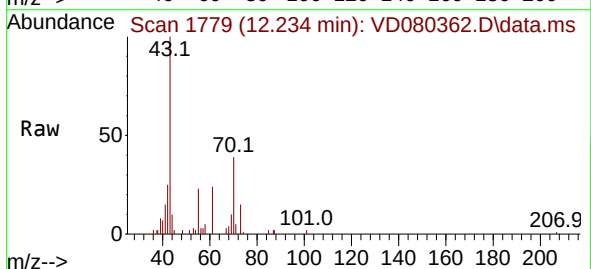
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

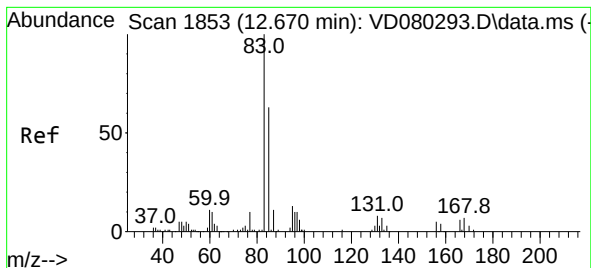
Tgt Ion:105 Resp: 71215
Ion Ratio Lower Upper
105 100
120 25.6 13.3 39.9



#74
N-ethyl acetate
Concen: 16.408 ug/l
RT: 12.234 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion: 43 Resp: 18585
Ion Ratio Lower Upper
43 100
70 40.7 36.3 54.5
55 23.8 20.3 30.5
61 25.0 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.753 ug/l

RT: 12.670 min Scan# 1853

Delta R.T. 0.001 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

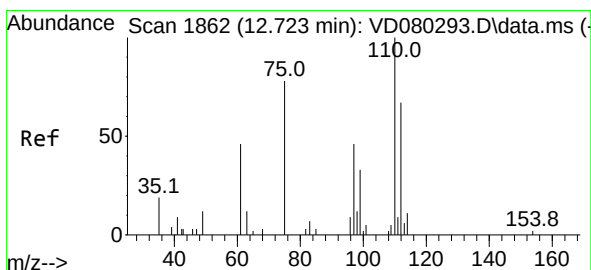
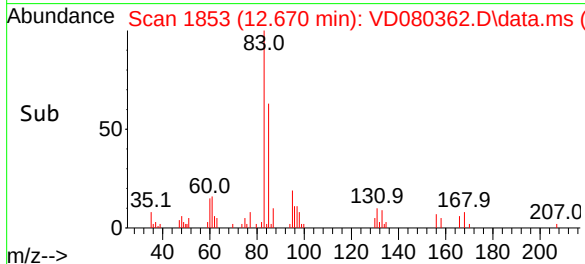
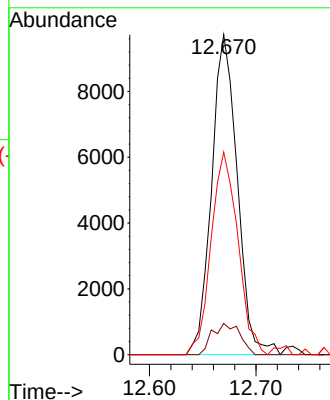
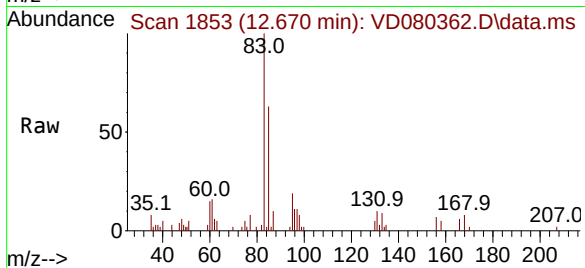
Tgt Ion: 83 Resp: 16275

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

85 65.9 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 34.803 ug/l

RT: 12.717 min Scan# 1861

Delta R.T. -0.005 min

Lab File: VD080362.D

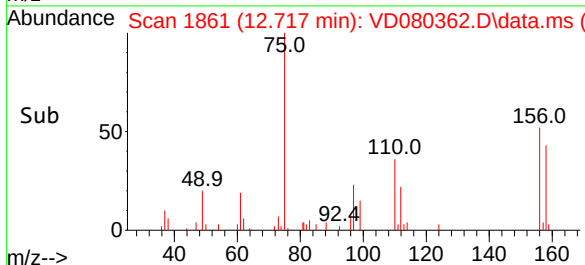
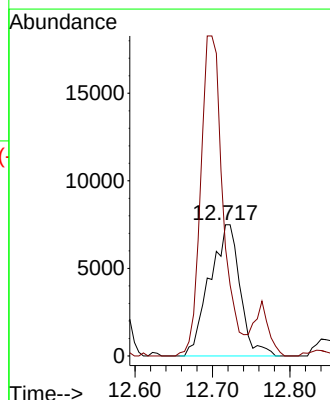
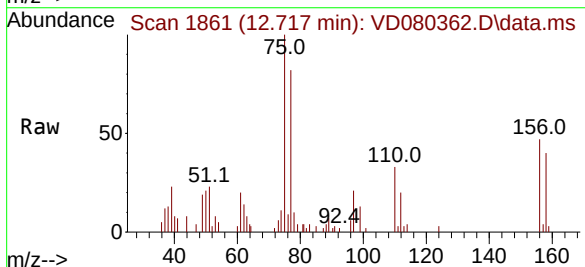
Acq: 16 May 2025 11:03

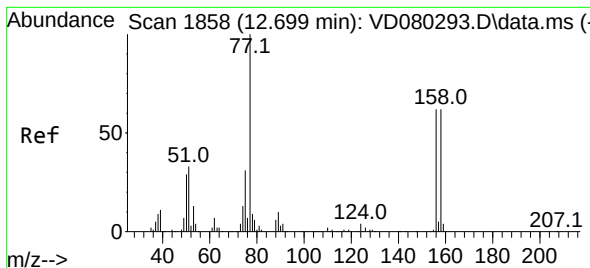
Tgt Ion: 75 Resp: 20435

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.848 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

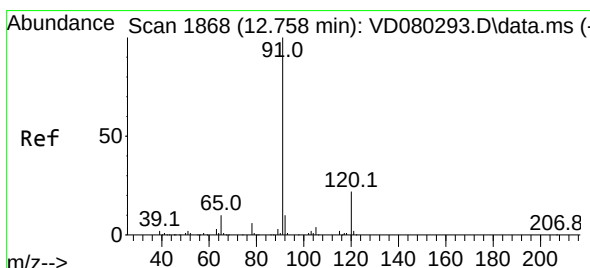
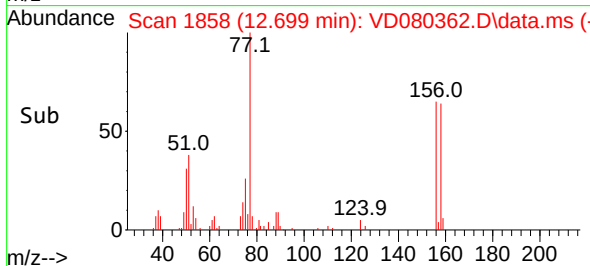
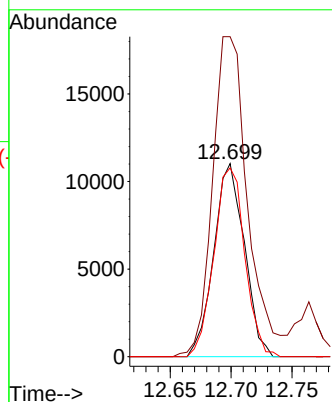
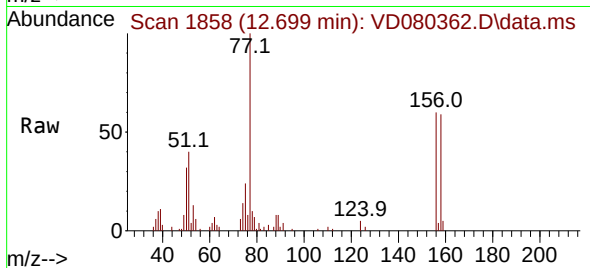
Tgt Ion:156 Resp: 19294

Ion Ratio Lower Upper

156 100

77 188.3 89.8 269.6

158 98.7 47.9 143.8



#78

n-propylbenzene

Concen: 18.537 ug/l

RT: 12.764 min Scan# 1869

Delta R.T. 0.001 min

Lab File: VD080362.D

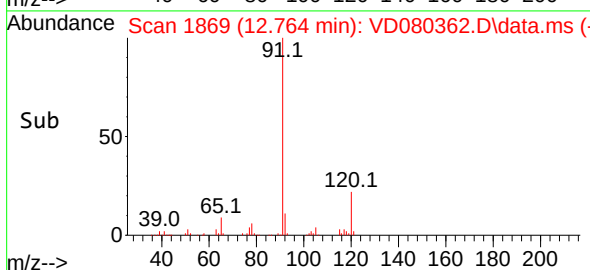
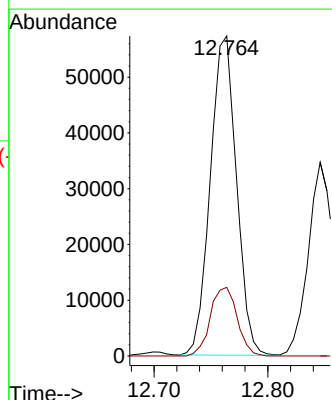
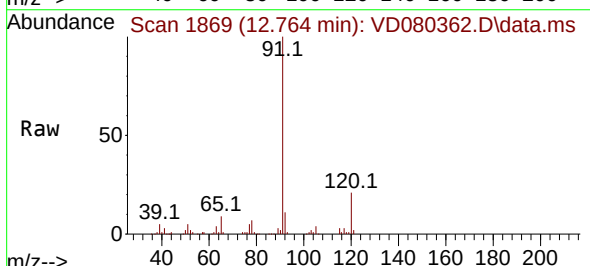
Acq: 16 May 2025 11:03

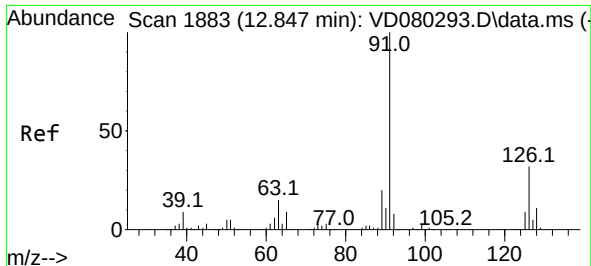
Tgt Ion: 91 Resp: 91805

Ion Ratio Lower Upper

91 100

120 22.0 11.2 33.5





#79

2-Chlorotoluene

Concen: 19.134 ug/l

RT: 12.846 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

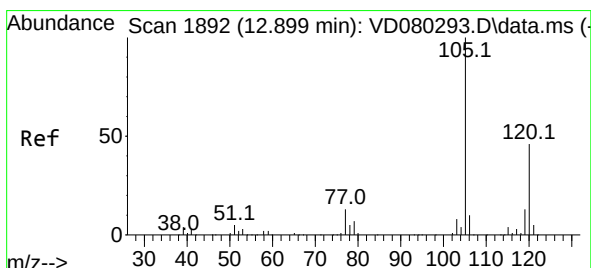
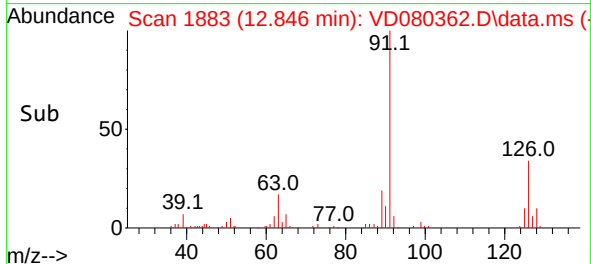
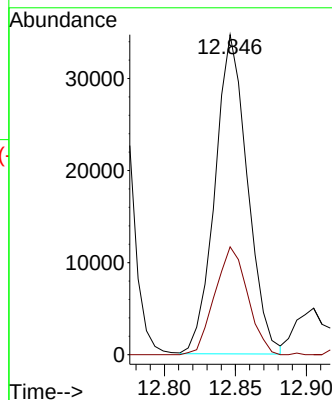
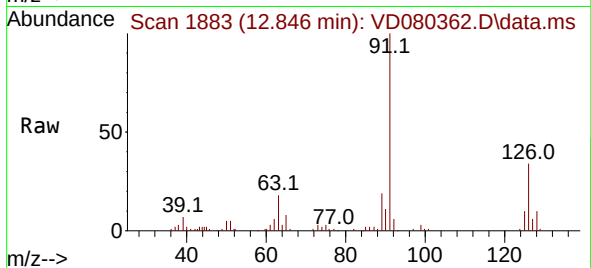
VD0516SBS01

Tgt Ion: 91 Resp: 55119

Ion Ratio Lower Upper

91 100

126 34.1 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 18.751 ug/l

RT: 12.905 min Scan# 1893

Delta R.T. 0.001 min

Lab File: VD080362.D

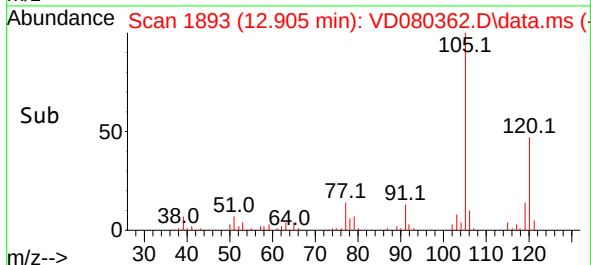
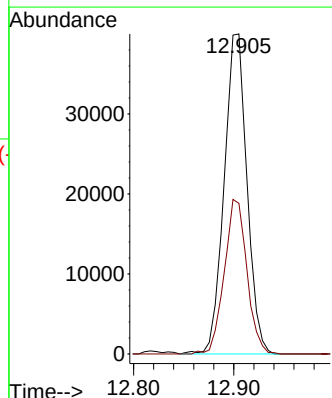
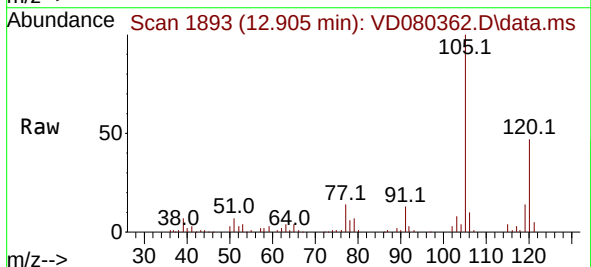
Acq: 16 May 2025 11:03

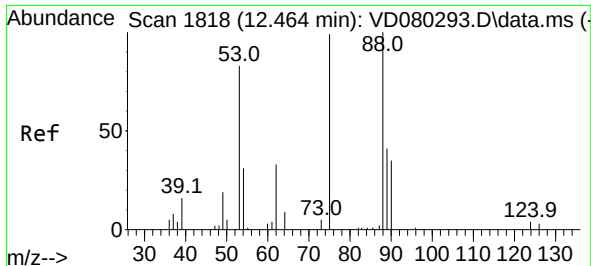
Tgt Ion: 105 Resp: 63117

Ion Ratio Lower Upper

105 100

120 47.9 25.0 75.0

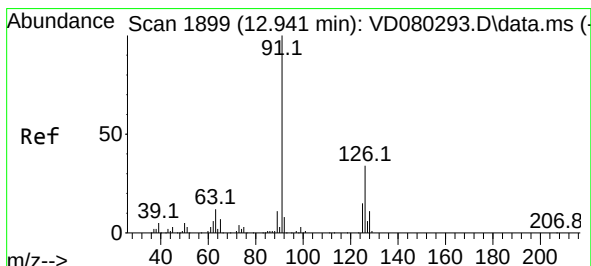
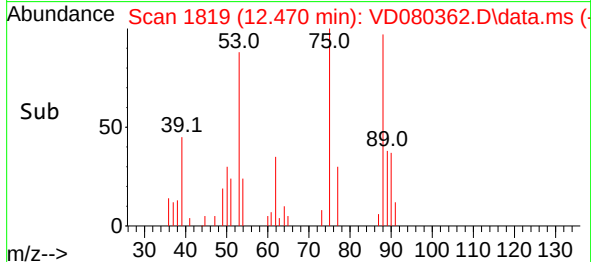
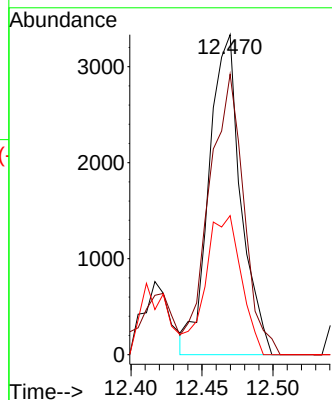
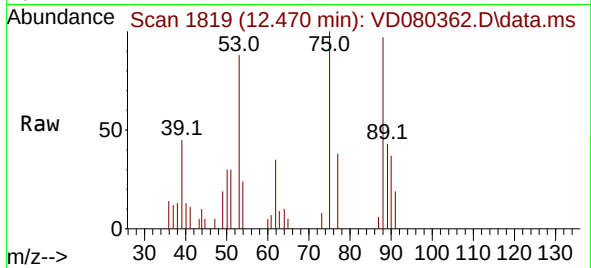




#81
trans-1,4-Dichloro-2-butene
Concen: 16.833 ug/l
RT: 12.470 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

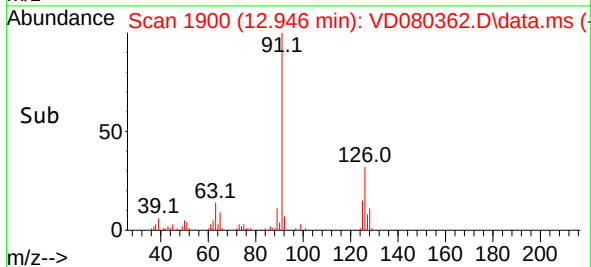
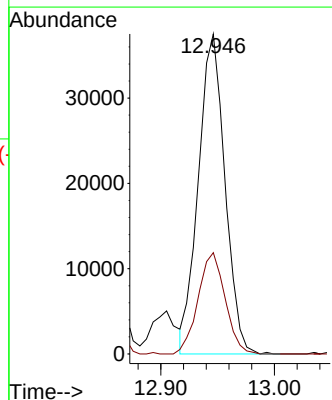
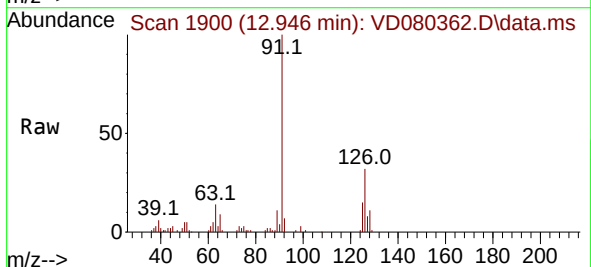
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

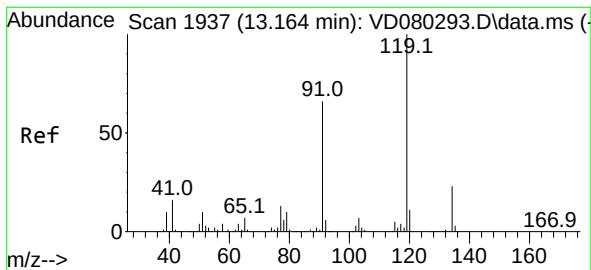
Tgt Ion: 75 Resp: 5207
Ion Ratio Lower Upper
75 100
53 95.0 68.7 103.1
89 48.8 36.1 54.1



#82
4-Chlorotoluene
Concen: 19.578 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion: 91 Resp: 60880
Ion Ratio Lower Upper
91 100
126 32.2 16.8 50.3





#83

tert-Butylbenzene

Concen: 18.377 ug/l

RT: 13.164 min Scan# 1937

Delta R.T. 0.001 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

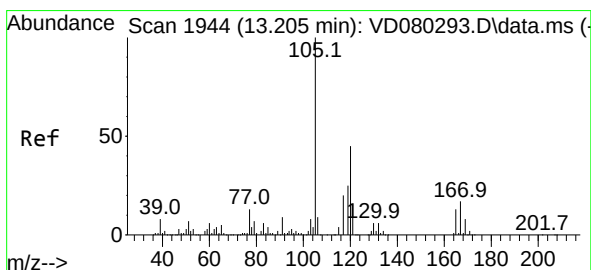
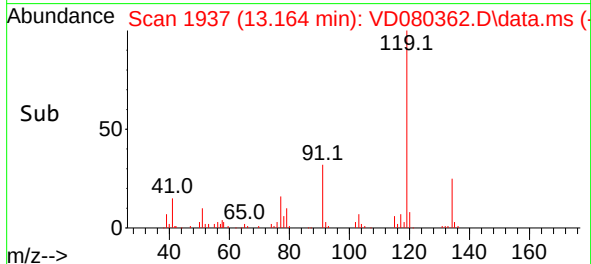
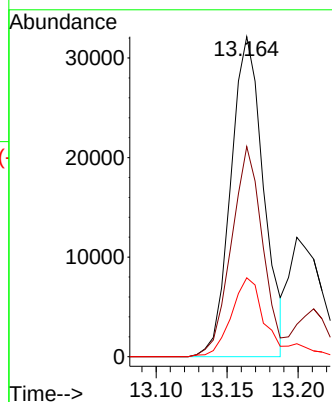
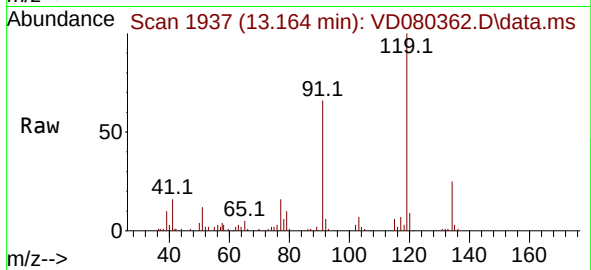
Tgt Ion:119 Resp: 51617

Ion Ratio Lower Upper

119 100

91 63.9 33.3 99.9

134 27.3 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 19.249 ug/l

RT: 13.211 min Scan# 1945

Delta R.T. 0.001 min

Lab File: VD080362.D

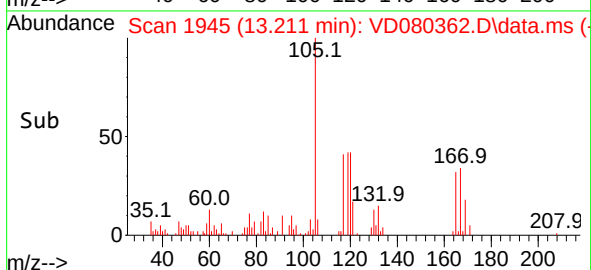
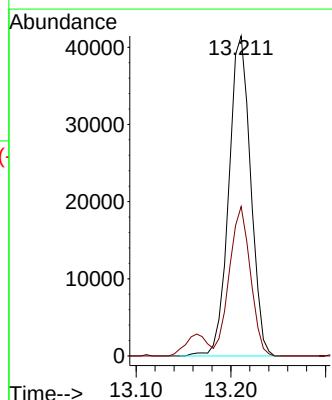
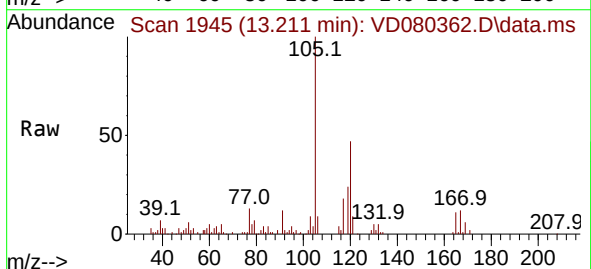
Acq: 16 May 2025 11:03

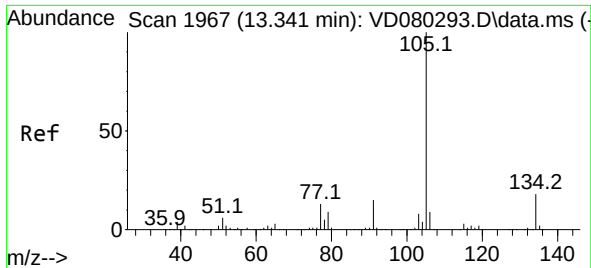
Tgt Ion:105 Resp: 66292

Ion Ratio Lower Upper

105 100

120 45.0 22.8 68.4

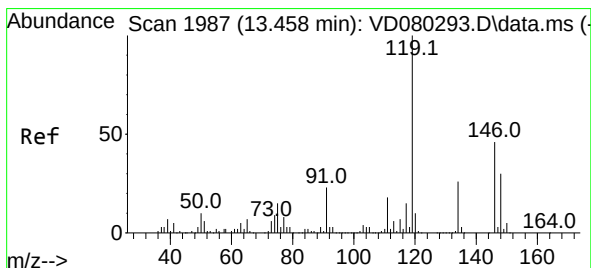
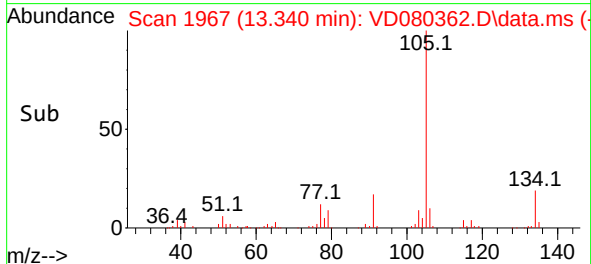
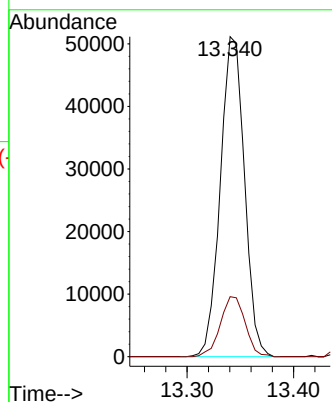
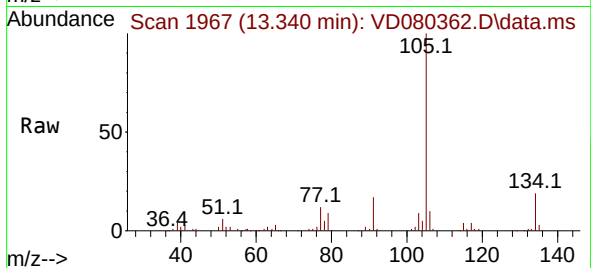




#85
 sec-Butylbenzene
 Concen: 18.573 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080362.D
 Acq: 16 May 2025 11:03

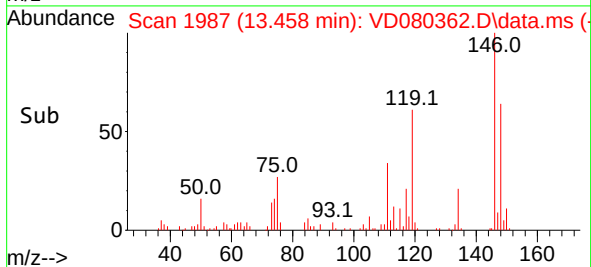
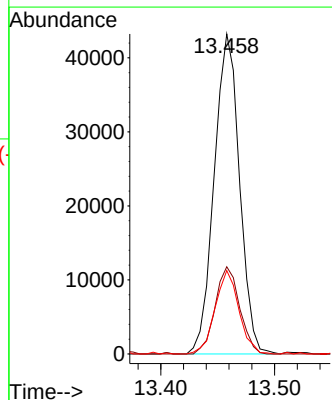
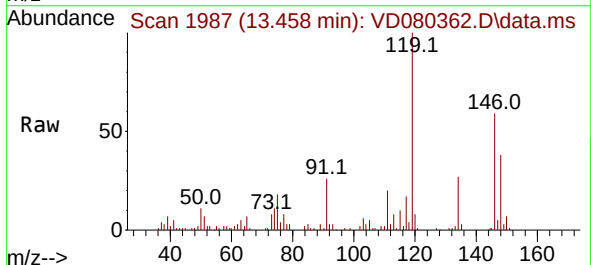
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

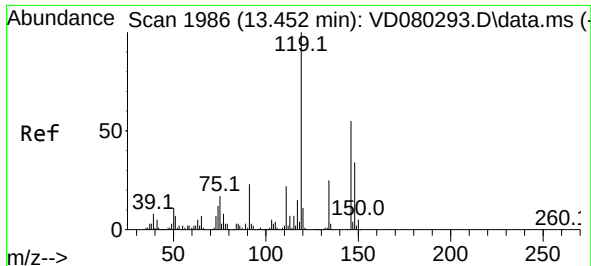
Tgt Ion:105 Resp: 80451
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.383 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.001 min
 Lab File: VD080362.D
 Acq: 16 May 2025 11:03

Tgt Ion:119 Resp: 66920
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 24.5 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 19.653 ug/l

RT: 13.458 min Scan# 1986

Delta R.T. 0.001 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

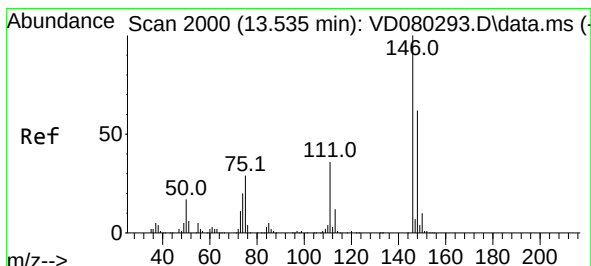
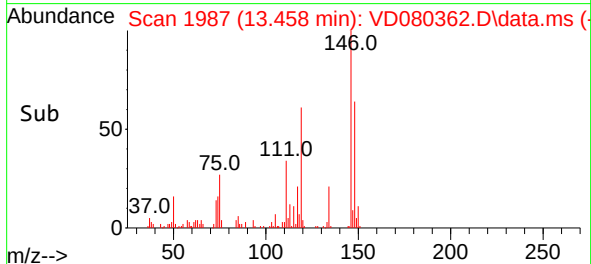
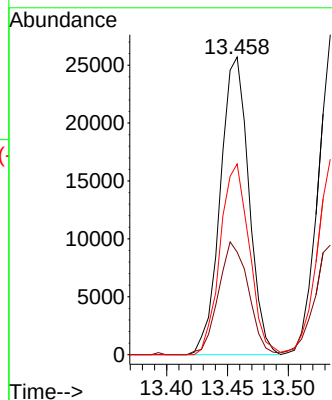
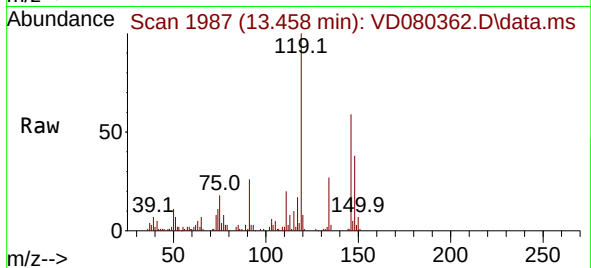
Tgt Ion:146 Resp: 41955

Ion Ratio Lower Upper

146 100

111 39.7 20.0 59.9

148 65.4 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 19.229 ug/l

RT: 13.534 min Scan# 2000

Delta R.T. 0.000 min

Lab File: VD080362.D

Acq: 16 May 2025 11:03

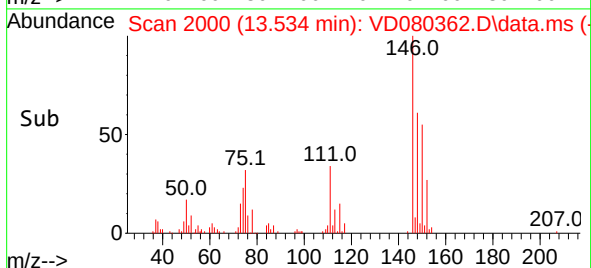
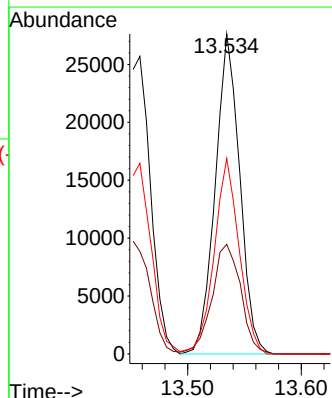
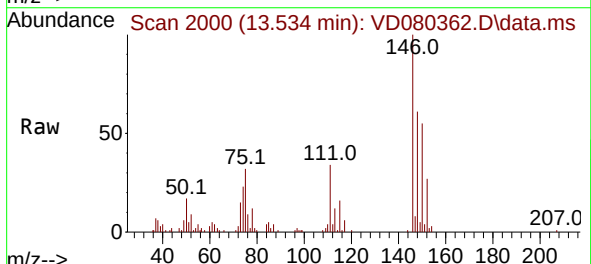
Tgt Ion:146 Resp: 41385

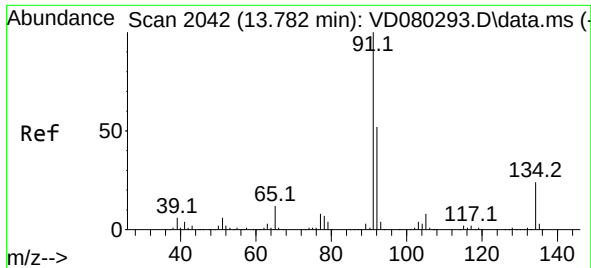
Ion Ratio Lower Upper

146 100

111 40.2 19.3 57.8

148 62.3 32.9 98.7

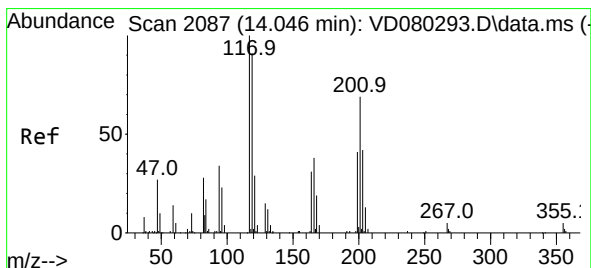
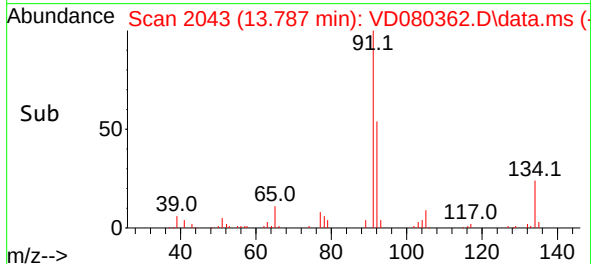
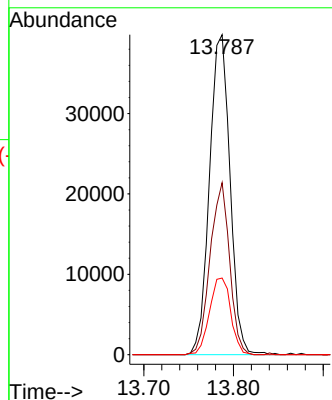
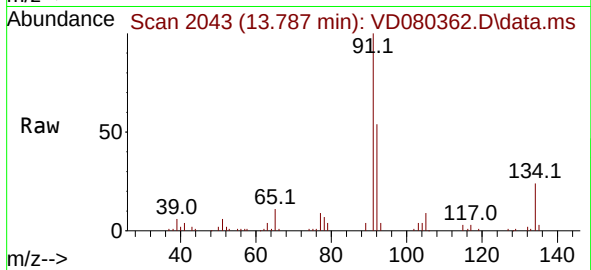




#89
n-Butylbenzene
Concen: 17.867 ug/l
RT: 13.787 min Scan# 2043
Delta R.T. 0.000 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

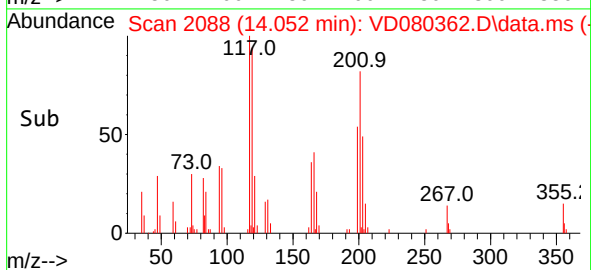
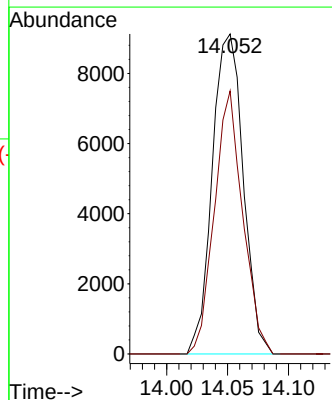
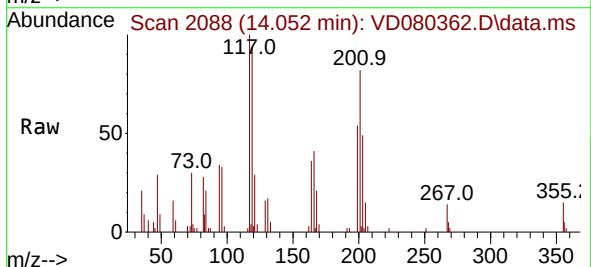
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

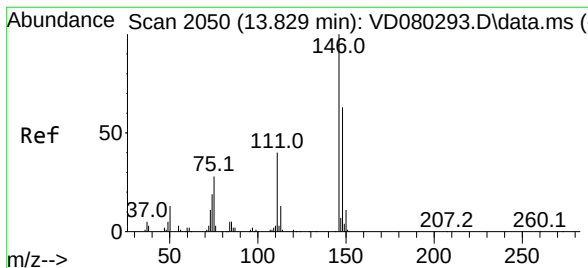
Tgt Ion: 91 Resp: 63139
Ion Ratio Lower Upper
91 100
92 51.0 26.3 78.9
134 24.8 12.3 36.8



#90
Hexachloroethane
Concen: 20.081 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion: 117 Resp: 16175
Ion Ratio Lower Upper
117 100
201 75.3 37.5 112.5

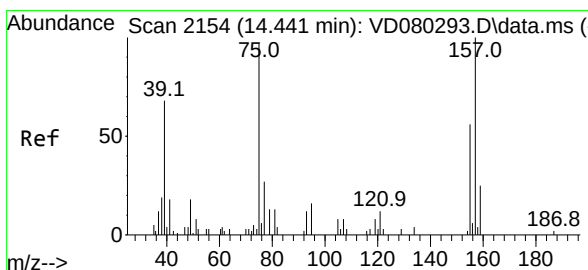
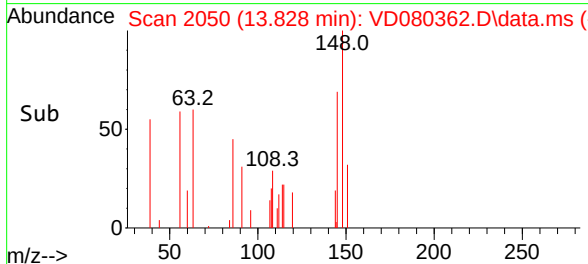
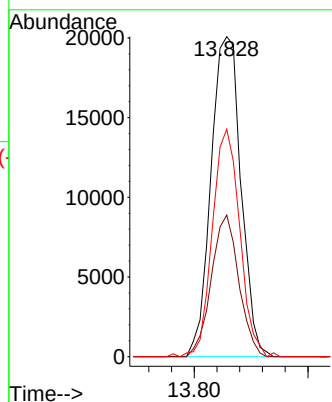
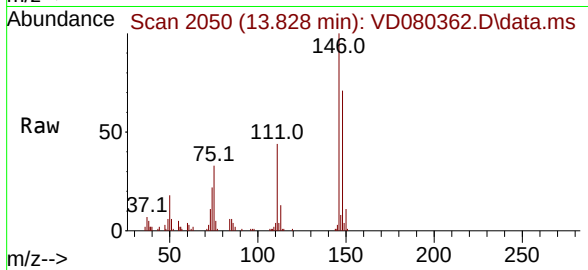




#91
 1,2-Dichlorobenzene
 Concen: 19.831 ug/l
 RT: 13.828 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VD080362.D
 Acq: 16 May 2025 11:03

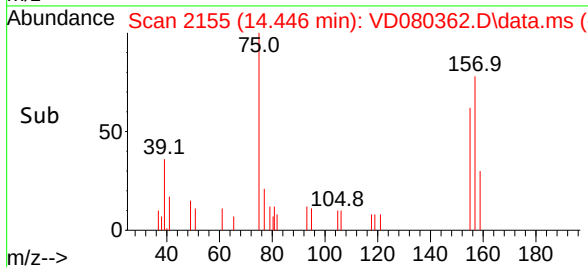
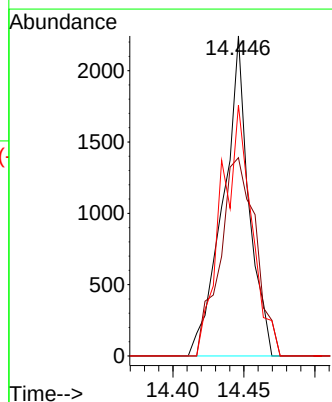
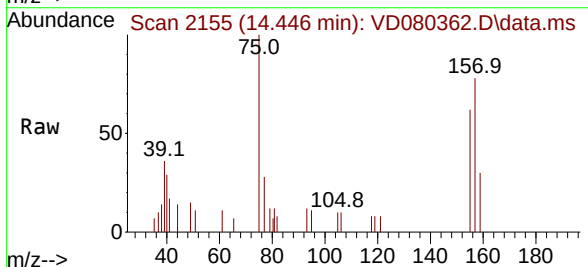
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

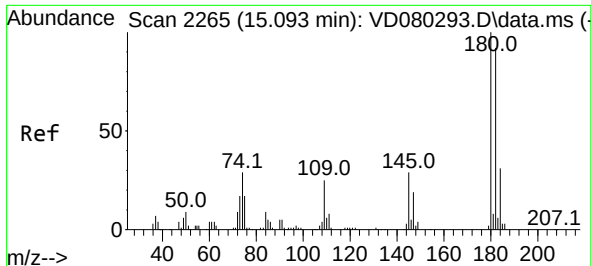
Tgt Ion:146 Resp: 36777
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.6 61.8
 148 65.2 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.331 ug/l
 RT: 14.446 min Scan# 2155
 Delta R.T. 0.006 min
 Lab File: VD080362.D
 Acq: 16 May 2025 11:03

Tgt Ion: 75 Resp: 2812
 Ion Ratio Lower Upper
 75 100
 155 86.6 40.6 122.0
 157 93.9 53.3 159.9

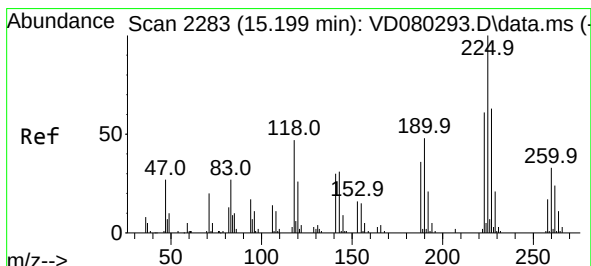
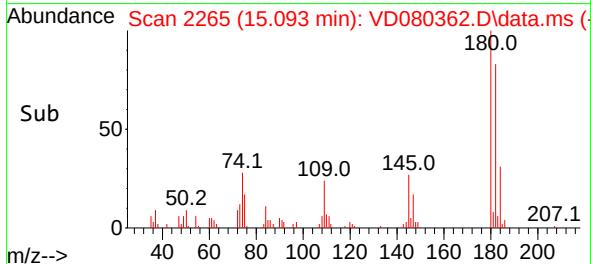
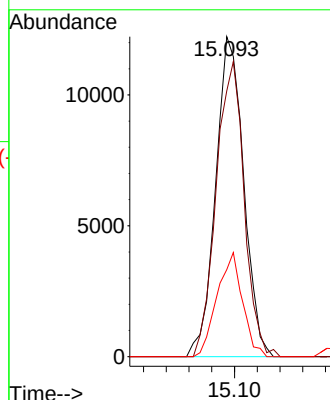
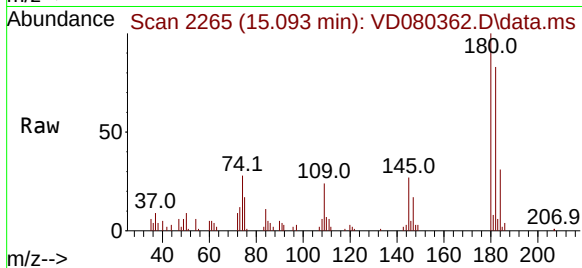




#93
 1,2,4-Trichlorobenzene
 Concen: 17.936 ug/l
 RT: 15.093 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VD080362.D
 Acq: 16 May 2025 11:03

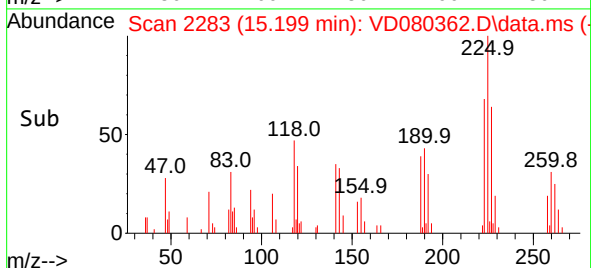
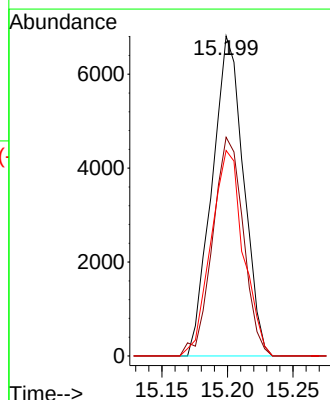
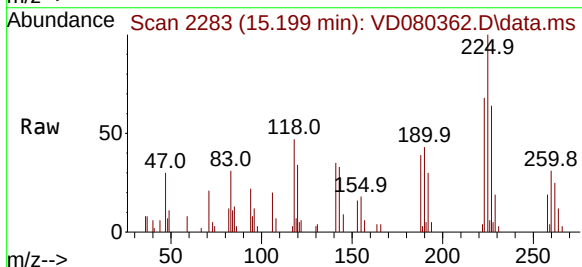
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

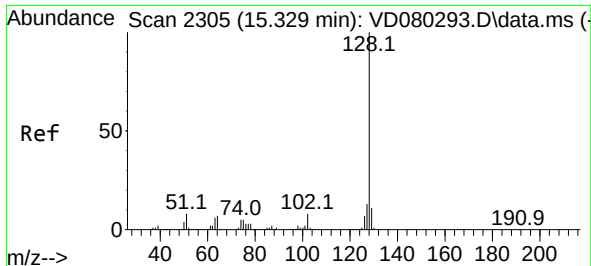
Tgt Ion:180 Resp: 20918
 Ion Ratio Lower Upper
 180 100
 182 92.1 47.4 142.2
 145 29.5 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 18.787 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. 0.001 min
 Lab File: VD080362.D
 Acq: 16 May 2025 11:03

Tgt Ion:225 Resp: 11399
 Ion Ratio Lower Upper
 225 100
 223 66.3 31.5 94.5
 227 66.0 30.9 92.5

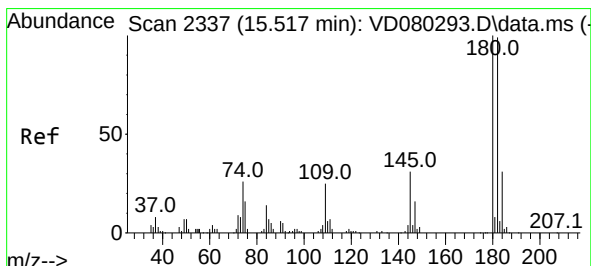
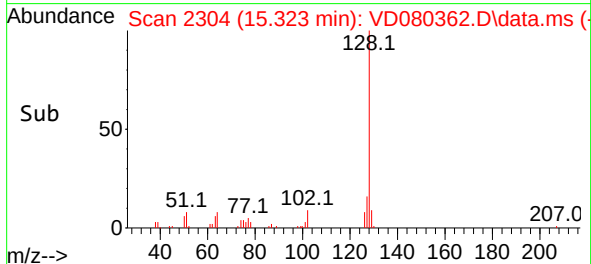
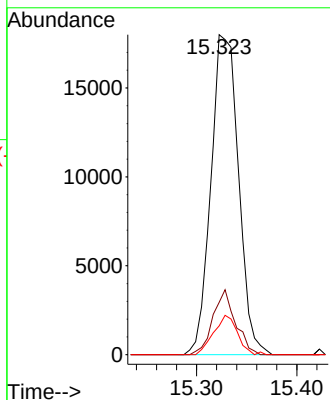
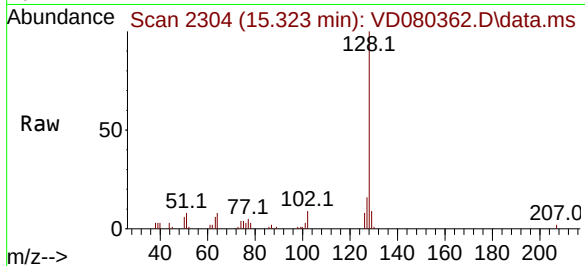




#95
Naphthalene
Concen: 15.706 ug/l
RT: 15.323 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

Tgt Ion:	128	Resp:	34394
Ion Ratio	Lower	Upper	
128	100		
127	16.3	11.8	17.8
129	9.0	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 18.285 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. 0.001 min
Lab File: VD080362.D
Acq: 16 May 2025 11:03

Tgt Ion:	180	Resp:	19073
Ion Ratio	Lower	Upper	
180	100		
182	92.8	47.5	142.6
145	30.7	15.7	47.0

