

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051625\
 Data File : VD080360.D
 Acq On : 16 May 2025 09:59
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 17 01:15:08 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	118570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	183095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	165433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	89926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	69737	45.481	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.960%
35) Dibromofluoromethane	7.806	113	68692	55.976	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.960%
50) Toluene-d8	10.270	98	259182	53.603	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.200%
62) 4-Bromofluorobenzene	12.570	95	81382	52.439	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.880%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.935	85	61134	59.832	ug/l	99
3) Chloromethane	2.147	50	104612	51.501	ug/l	96
4) Vinyl Chloride	2.288	62	130708	42.404	ug/l	95
5) Bromomethane	2.700	94	97072	43.750	ug/l	98
6) Chloroethane	2.841	64	87332	40.071	ug/l	100
7) Trichlorofluoromethane	3.182	101	122199	51.701	ug/l	94
8) Diethyl Ether	3.594	74	36539	50.081	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.965	101	74223	50.968	ug/l	98
10) Methyl Iodide	4.170	142	82992	55.906	ug/l	99
11) Tert butyl alcohol	5.053	59	19921	214.106	ug/l	97
12) 1,1-Dichloroethene	3.941	96	72373	50.409	ug/l	96
13) Acrolein	3.800	56	30695	187.499	ug/l	96
14) Allyl chloride	4.570	41	108282	47.956	ug/l	95
15) Acrylonitrile	5.253	53	79256	225.954	ug/l	98
16) Acetone	4.023	43	80287	343.780	ug/l	97
17) Carbon Disulfide	4.276	76	250903	50.326	ug/l	99
18) Methyl Acetate	4.565	43	37179	37.473	ug/l	99
19) Methyl tert-butyl Ether	5.323	73	156369	49.577	ug/l	94
20) Methylene Chloride	4.800	84	85846	52.625	ug/l	90
21) trans-1,2-Dichloroethene	5.312	96	80391	51.543	ug/l	94
22) Diisopropyl ether	6.217	45	230157	49.482	ug/l	96
23) Vinyl Acetate	6.159	43	667049	246.234	ug/l	99
24) 1,1-Dichloroethane	6.117	63	142084	48.544	ug/l	99
25) 2-Butanone	7.082	43	102221	242.297	ug/l	99
26) 2,2-Dichloropropane	7.076	77	119475	51.299	ug/l	98
27) cis-1,2-Dichloroethene	7.082	96	88280	51.087	ug/l	99
28) Bromochloromethane	7.423	49	59826	43.900	ug/l #	92
29) Tetrahydrofuran	7.447	42	62552	227.400	ug/l	98
30) Chloroform	7.600	83	140196	48.033	ug/l	99
31) Cyclohexane	7.876	56	120643	48.431	ug/l	97
32) 1,1,1-Trichloroethane	7.794	97	121972	51.221	ug/l	98
36) 1,1-Dichloropropene	8.011	75	102489	55.881	ug/l	97
37) Ethyl Acetate	7.164	43	44402	46.298	ug/l	98
38) Carbon Tetrachloride	7.994	117	106133	55.488	ug/l	99
39) Methylcyclohexane	9.276	83	120002	56.387	ug/l	99
40) Benzene	8.253	78	299948	52.195	ug/l	97

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Quant Time: May 17 01:15:08 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)
41) Methacrylonitrile	7.400	41	21293	40.120	ug/l #	89
42) 1,2-Dichloroethane	8.323	62	79892	47.977	ug/l	99
43) Isopropyl Acetate	8.358	43	81954	47.125	ug/l	99
44) Trichloroethene	9.029	130	70341	52.730	ug/l	99
45) 1,2-Dichloropropane	9.305	63	75005	50.892	ug/l	92
46) Dibromomethane	9.394	93	41090	51.207	ug/l	97
47) Bromodichloromethane	9.582	83	103944	51.035	ug/l	97
48) Methyl methacrylate	9.376	41	40280	48.747	ug/l	96
49) 1,4-Dioxane	9.388	88	8881	930.904	ug/l	93
51) 4-Methyl-2-Pentanone	10.158	43	215948	240.999	ug/l	99
52) Toluene	10.335	92	183403	52.975	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	91076	49.051	ug/l	95
54) cis-1,3-Dichloropropene	10.017	75	111564	51.851	ug/l	94
55) 1,1,2-Trichloroethane	10.735	97	52932	49.869	ug/l	96
56) Ethyl methacrylate	10.600	69	67809	52.721	ug/l	96
57) 1,3-Dichloropropane	10.876	76	89905	50.965	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.870	63	143820	273.235	ug/l	98
59) 2-Hexanone	10.923	43	154933	251.352	ug/l	98
60) Dibromochloromethane	11.070	129	67771	50.949	ug/l	100
61) 1,2-Dibromoethane	11.176	107	49939	50.739	ug/l	98
64) Tetrachloroethene	10.805	164	60961	54.416	ug/l	97
65) Chlorobenzene	11.605	112	195279	52.278	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.682	131	66336	51.690	ug/l	100
67) Ethyl Benzene	11.682	91	347098	55.604	ug/l	98
68) m/p-Xylenes	11.794	106	276031	113.884	ug/l	99
69) o-Xylene	12.123	106	122381	55.255	ug/l	97
70) Styrene	12.135	104	218105	54.841	ug/l	100
71) Bromoform	12.299	173	38805	50.894	ug/l #	99
73) Isopropylbenzene	12.417	105	323015	55.374	ug/l	100
74) N-amyl acetate	12.229	43	80095	47.840	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.670	83	63420	49.439	ug/l	96
76) 1,2,3-Trichloropropane	12.723	75	78657	90.629	ug/l #	100
77) Bromobenzene	12.699	156	78246	51.712	ug/l	98
78) n-propylbenzene	12.764	91	413105	56.432	ug/l	99
79) 2-Chlorotoluene	12.846	91	229400	53.874	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	282060	56.691	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.464	75	23779	52.006	ug/l	96
82) 4-Chlorotoluene	12.946	91	244436	53.180	ug/l	99
83) tert-Butylbenzene	13.164	119	229307	55.230	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	284149	55.818	ug/l	98
85) sec-Butylbenzene	13.346	105	365609	57.104	ug/l	100
86) p-Isopropyltoluene	13.458	119	307057	57.064	ug/l	100
87) 1,3-Dichlorobenzene	13.458	146	164410	52.102	ug/l	100
88) 1,4-Dichlorobenzene	13.535	146	161181	50.667	ug/l	97
89) n-Butylbenzene	13.788	91	298099	57.069	ug/l	100
90) Hexachloroethane	14.052	117	62217	52.257	ug/l	100
91) 1,2-Dichlorobenzene	13.829	146	141001	51.438	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.440	75	9738	47.631	ug/l	99
93) 1,2,4-Trichlorobenzene	15.099	180	88734	51.473	ug/l	99
94) Hexachlorobutadiene	15.199	225	47929	53.441	ug/l	98
95) Naphthalene	15.329	128	163061	50.376	ug/l	98
96) 1,2,3-Trichlorobenzene	15.517	180	79068	51.283	ug/l	99

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

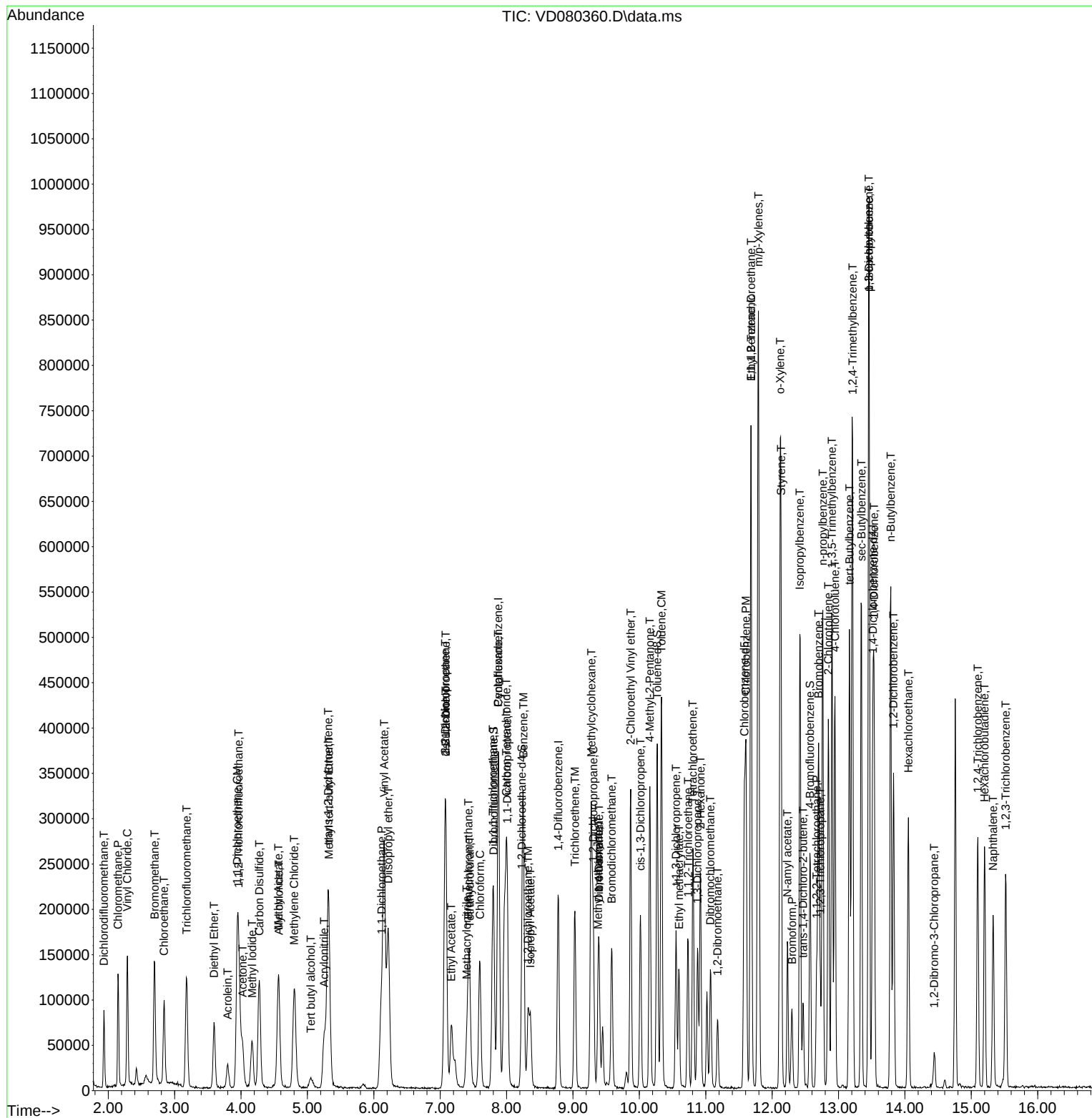
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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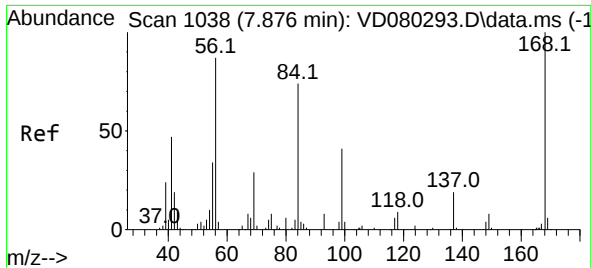
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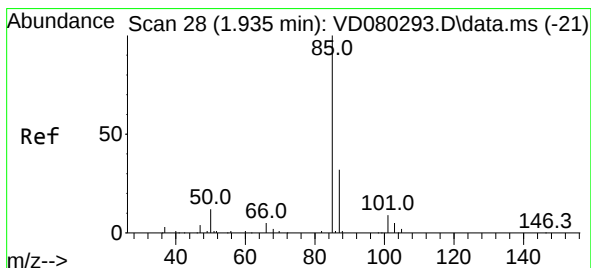
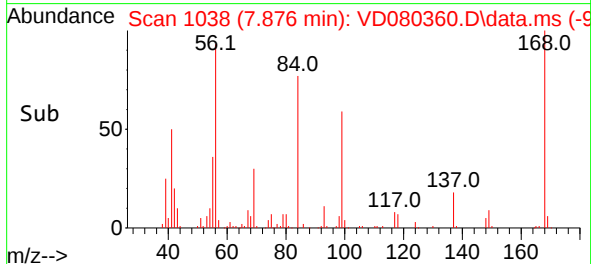
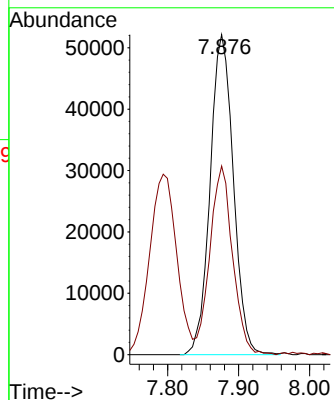
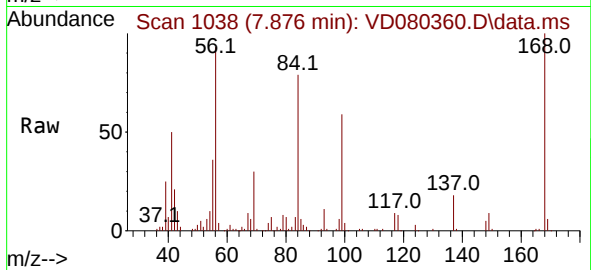




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

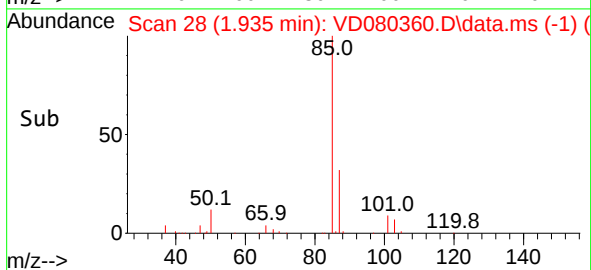
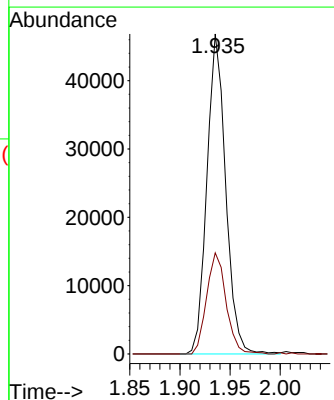
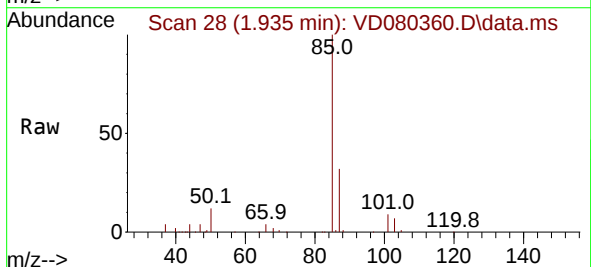
Instrument :
MSVOA_D
ClientSampleId :

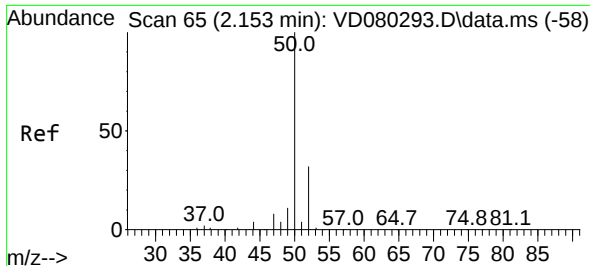
Tgt Ion:168 Resp: 118570
Ion Ratio Lower Upper
168 100
99 58.5 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 59.832 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion: 85 Resp: 61134
Ion Ratio Lower Upper
85 100
87 31.6 16.1 48.2

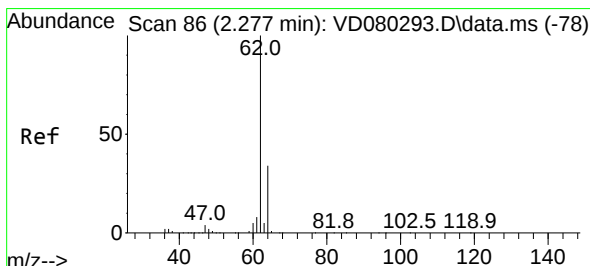
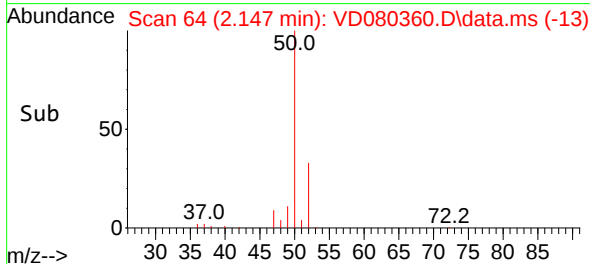
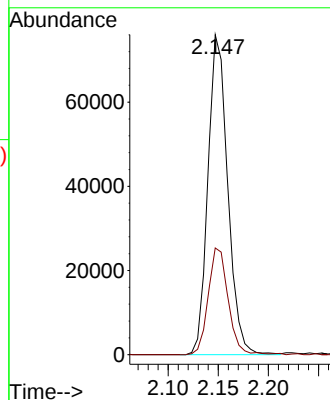
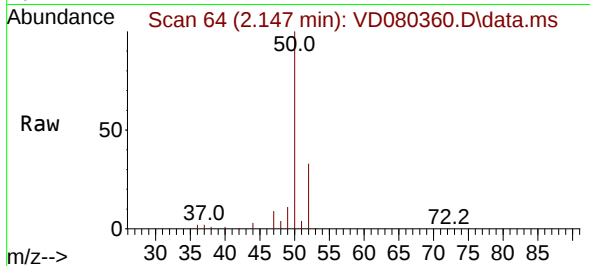




#3
Chloromethane
Concen: 51.501 ug/l
RT: 2.147 min Scan# 64
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

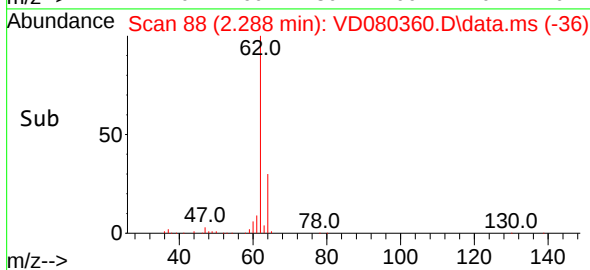
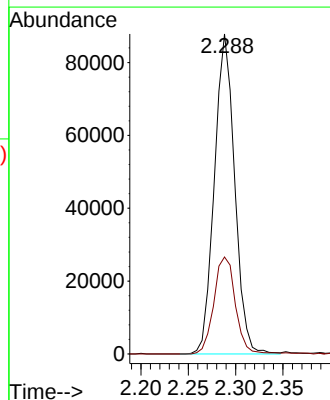
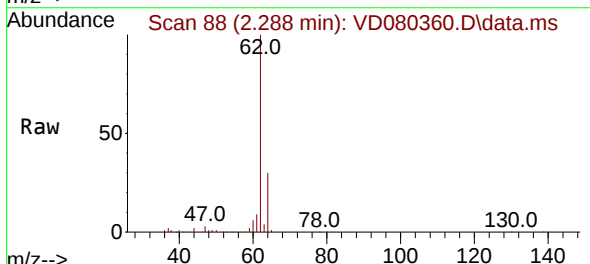
Instrument :
MSVOA_D
ClientSampleId :

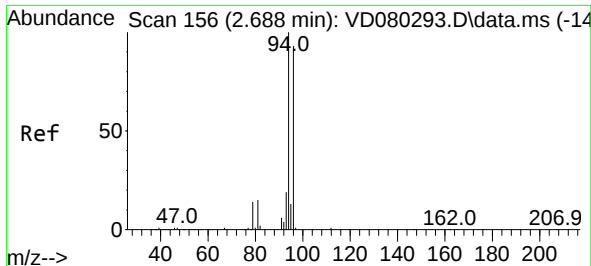
Tgt Ion: 50 Resp: 104612
Ion Ratio Lower Upper
50 100
52 33.4 28.8 43.2



#4
Vinyl Chloride
Concen: 42.404 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.007 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion: 62 Resp: 130708
Ion Ratio Lower Upper
62 100
64 30.3 26.5 39.7

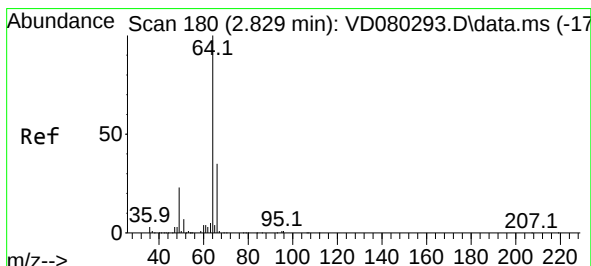
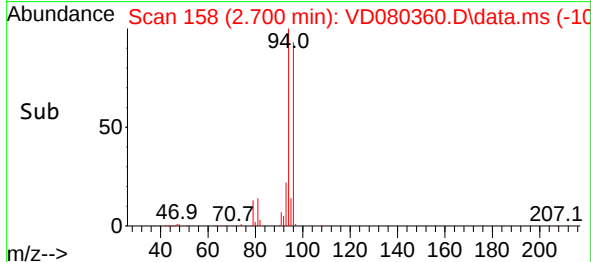
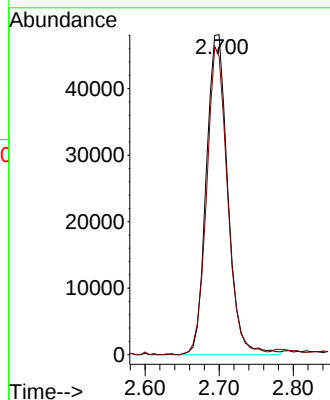
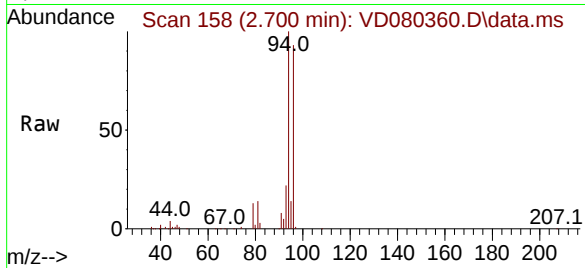




#5
Bromomethane
Concen: 43.750 ug/l
RT: 2.700 min Scan# 11
Delta R.T. 0.007 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

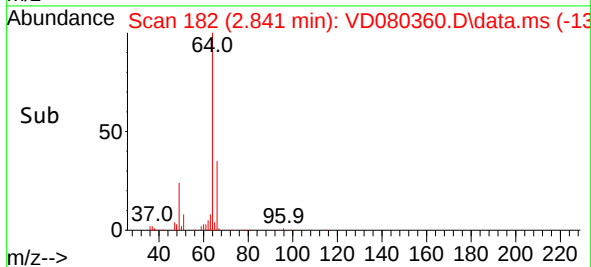
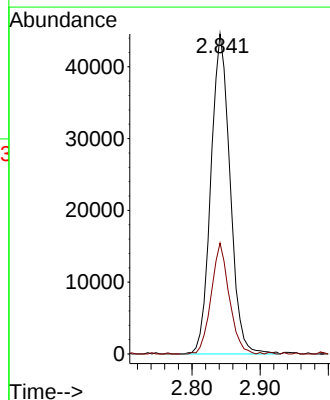
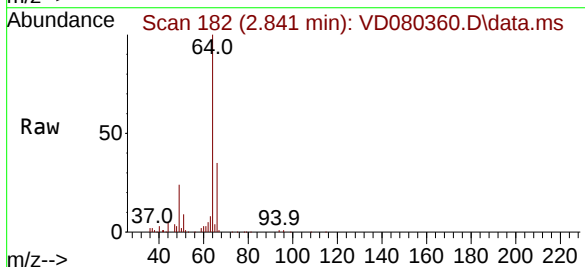
Instrument :
MSVOA_D
ClientSampleId :

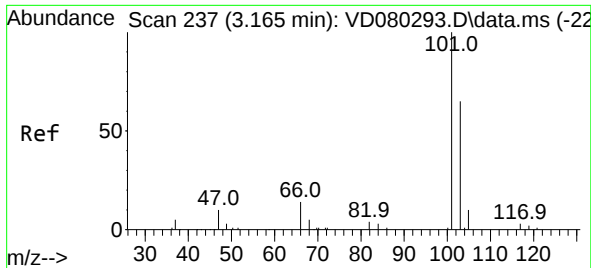
Tgt Ion: 94 Resp: 97072
Ion Ratio Lower Upper
94 100
96 93.5 76.2 114.2



#6
Chloroethane
Concen: 40.071 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.007 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion: 64 Resp: 87332
Ion Ratio Lower Upper
64 100
66 34.6 27.6 41.4

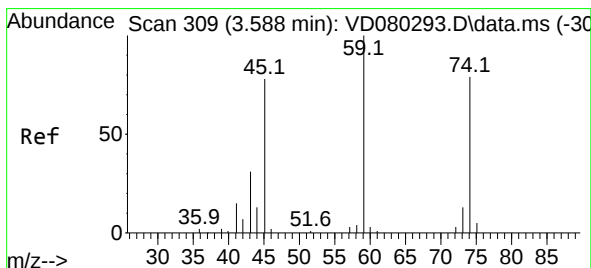
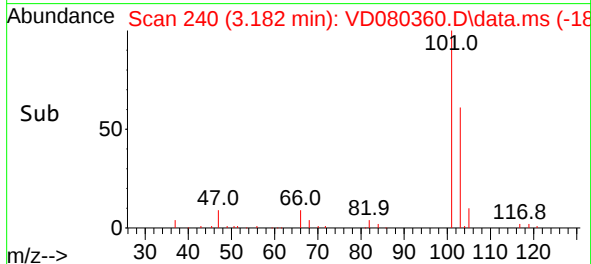
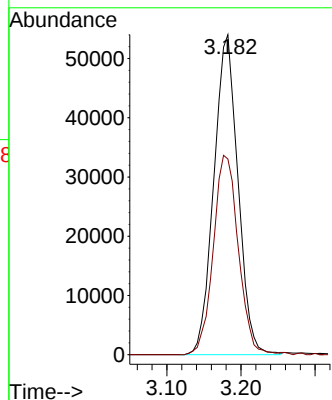
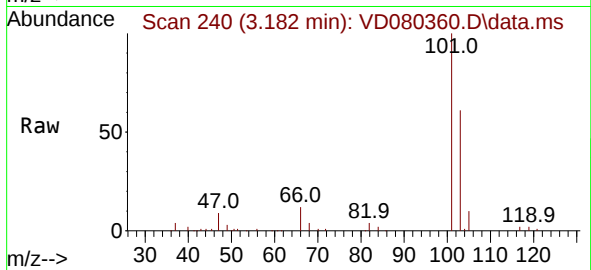




#7
 Trichlorofluoromethane
 Concen: 51.701 ug/l
 RT: 3.182 min Scan# 24
 Delta R.T. 0.012 min
 Lab File: VD080360.D
 Acq: 16 May 2025 09:59

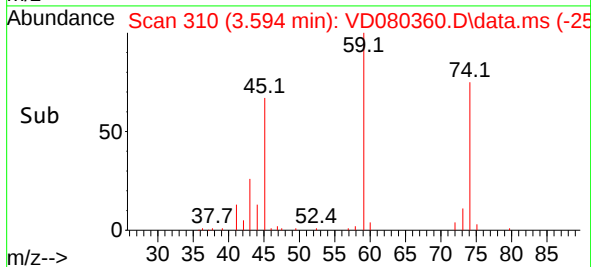
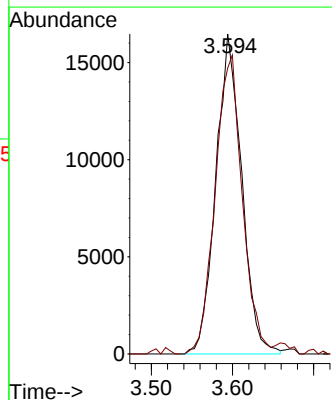
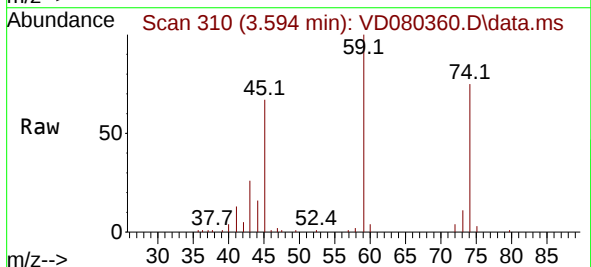
Instrument :
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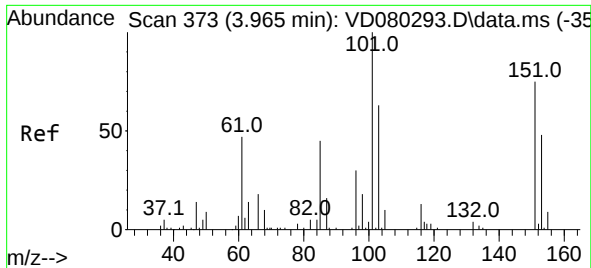
Tgt Ion:101 Resp: 122199
 Ion Ratio Lower Upper
 101 100
 103 61.1 53.0 79.6



#8
 Diethyl Ether
 Concen: 50.081 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. 0.001 min
 Lab File: VD080360.D
 Acq: 16 May 2025 09:59

Tgt Ion: 74 Resp: 36539
 Ion Ratio Lower Upper
 74 100
 45 97.9 47.8 143.3

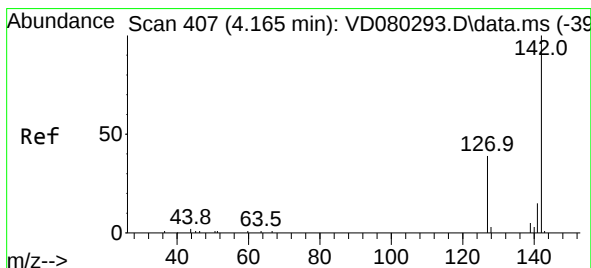
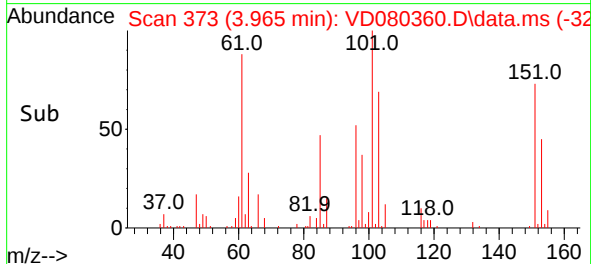
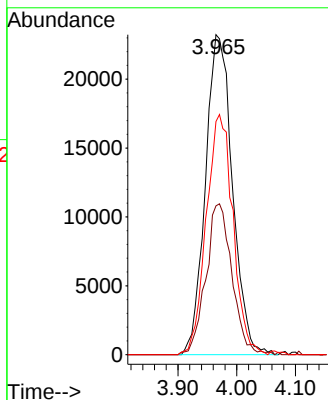
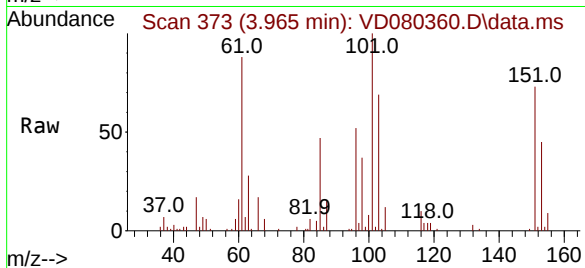




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.968 ug/l
RT: 3.965 min Scan# 31
Delta R.T. -0.005 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

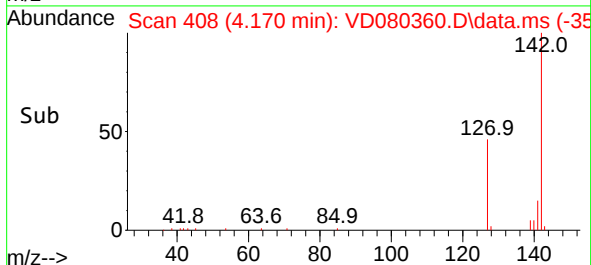
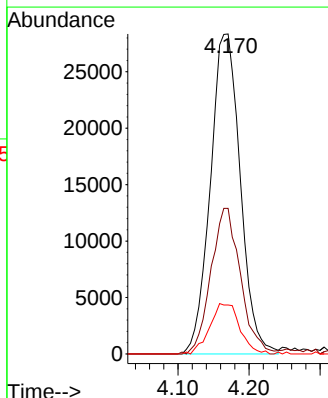
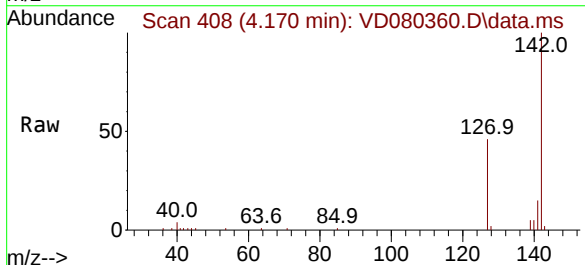
Instrument :
MSVOA_D
ClientSampleId :

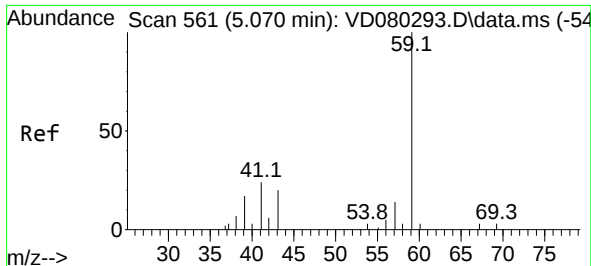
Tgt Ion:101 Resp: 74223
Ion Ratio Lower Upper
101 100
85 45.5 35.3 52.9
151 74.1 60.3 90.5



#10
Methyl Iodide
Concen: 55.906 ug/l
RT: 4.170 min Scan# 408
Delta R.T. 0.006 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

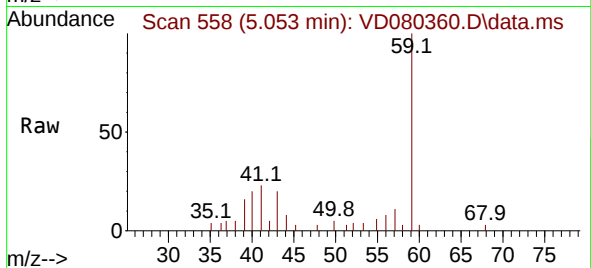
Tgt Ion:142 Resp: 82992
Ion Ratio Lower Upper
142 100
127 44.8 35.3 52.9
141 15.7 12.2 18.2



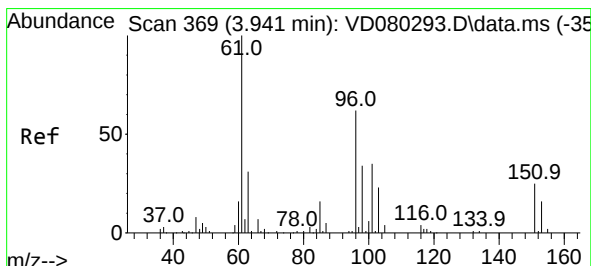
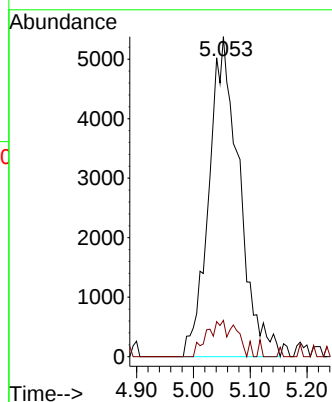
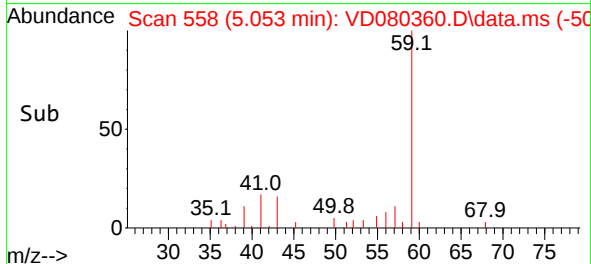


#11
Tert butyl alcohol
Concen: 214.106 ug/l
RT: 5.053 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

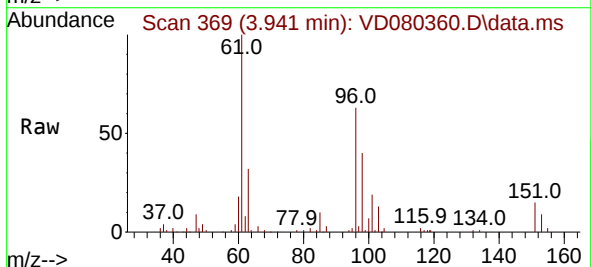
Instrument :
MSVOA_D
ClientSampleId :



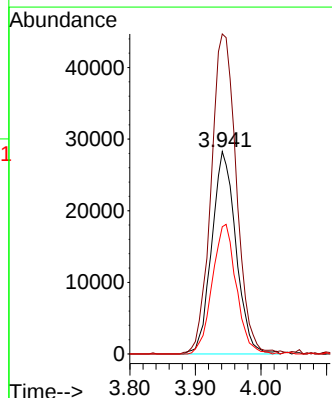
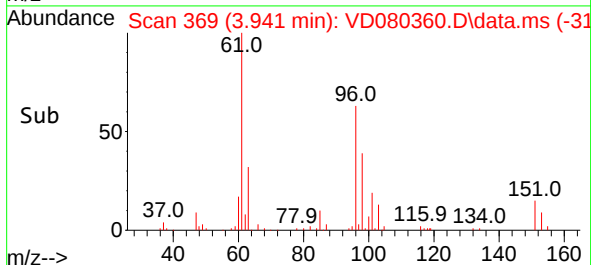
Tgt Ion: 59 Resp: 19921
Ion Ratio Lower Upper
59 100
57 7.0 4.8 7.2

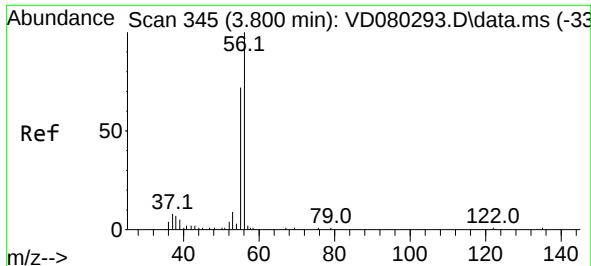


#12
1,1-Dichloroethene
Concen: 50.409 ug/l
RT: 3.941 min Scan# 369
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59



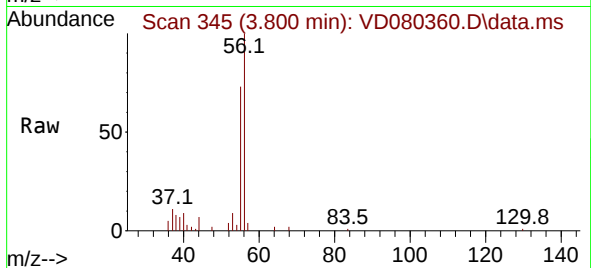
Tgt Ion: 96 Resp: 72373
Ion Ratio Lower Upper
96 100
61 158.1 122.6 184.0
98 62.8 47.1 70.7



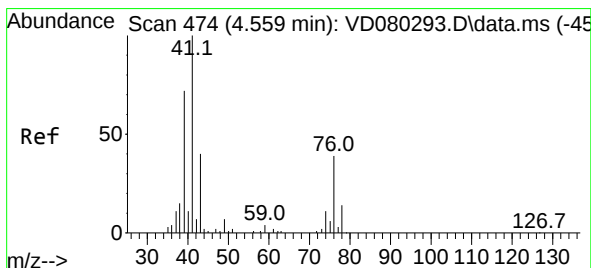
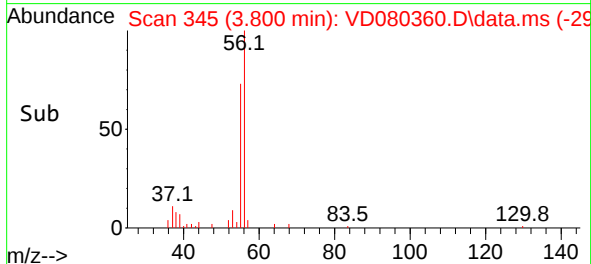
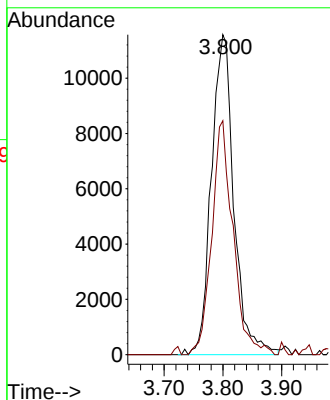


#13
Acrolein
Concen: 187.499 ug/l
RT: 3.800 min Scan# 345
Delta R.T. 0.007 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Instrument :
MSVOA_D
ClientSampleId :

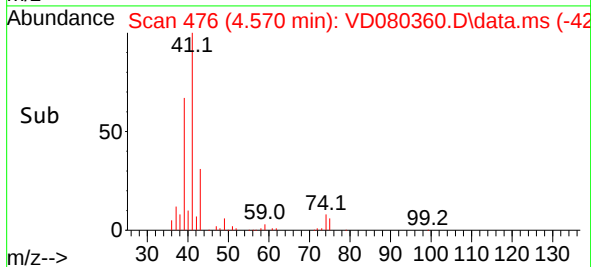
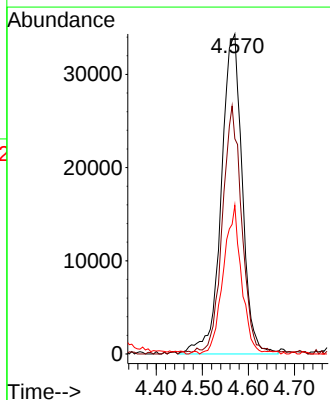
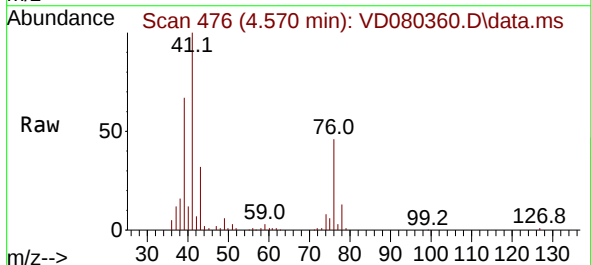


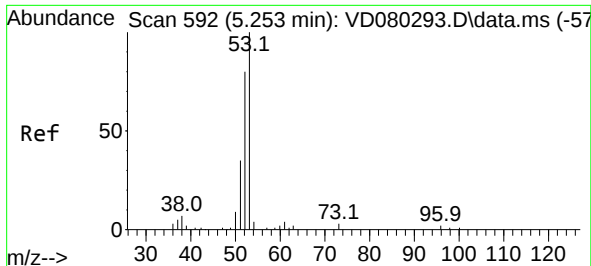
Tgt Ion: 56 Resp: 30695
Ion Ratio Lower Upper
56 100
55 69.5 58.2 87.2



#14
Allyl chloride
Concen: 47.956 ug/l
RT: 4.570 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion: 41 Resp: 108282
Ion Ratio Lower Upper
41 100
39 72.6 53.3 79.9
76 40.8 32.0 48.0

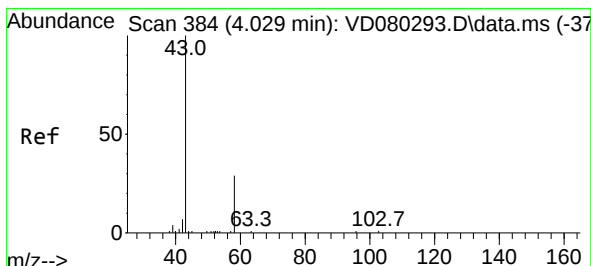
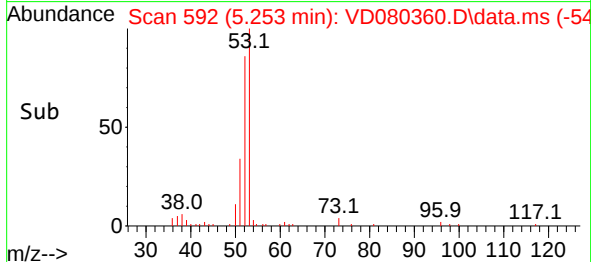
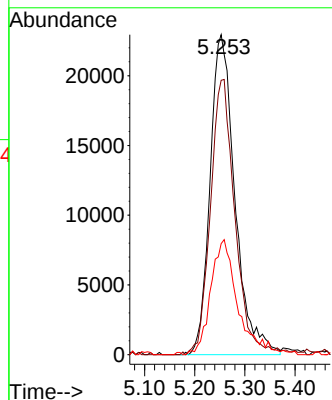
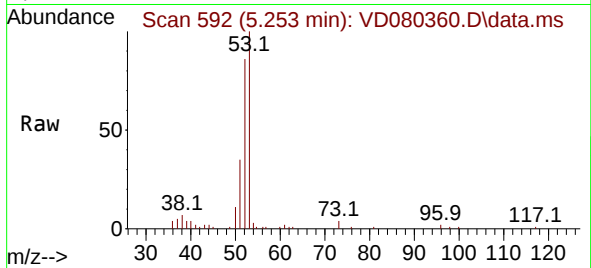




#15
Acrylonitrile
Concen: 225.954 ug/l
RT: 5.253 min Scan# 592
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

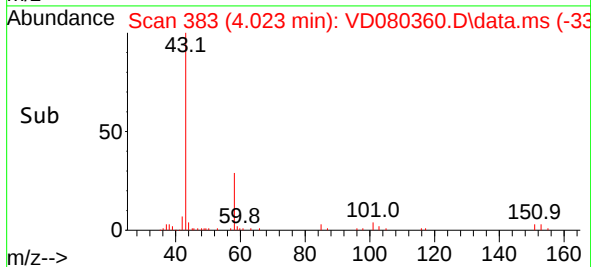
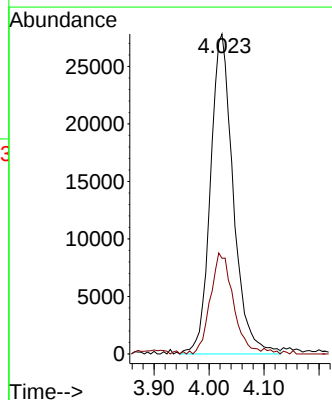
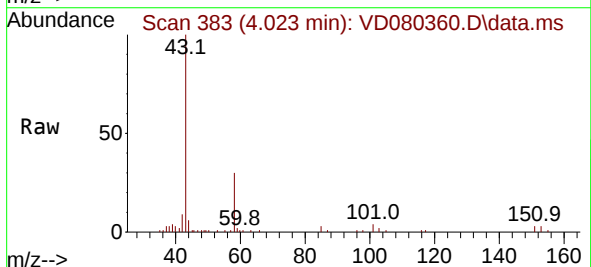
Instrument :
MSVOA_D
ClientSampleId :

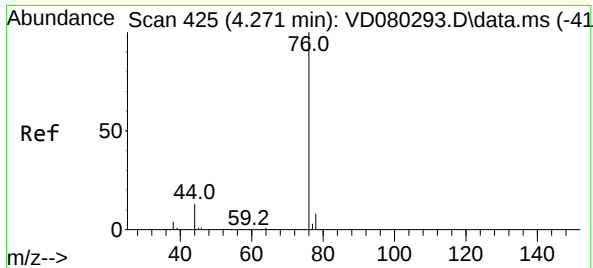
Tgt Ion: 53 Resp: 79256
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.4
51 39.3 30.3 45.5



#16
Acetone
Concen: 343.780 ug/l
RT: 4.023 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion: 43 Resp: 80287
Ion Ratio Lower Upper
43 100
58 29.9 25.4 38.2





#17

Carbon Disulfide

Concen: 50.326 ug/l

RT: 4.276 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

Instrument :

MSVOA_D

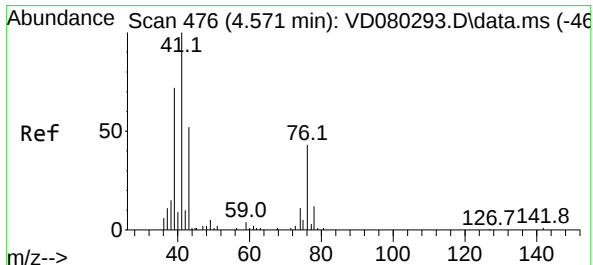
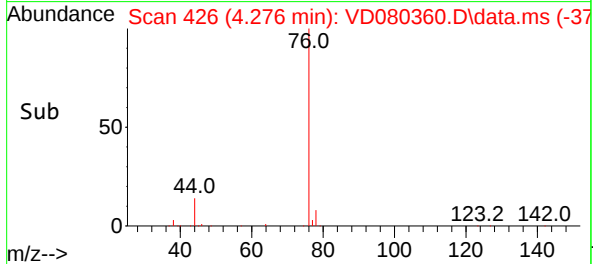
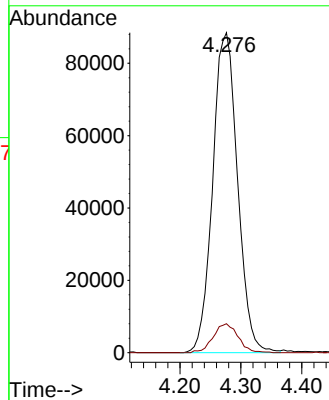
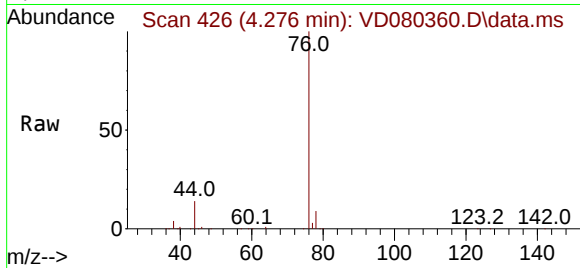
ClientSampleId :

Tgt Ion: 76 Resp: 250903

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3



#18

Methyl Acetate

Concen: 37.473 ug/l

RT: 4.565 min Scan# 475

Delta R.T. 0.001 min

Lab File: VD080360.D

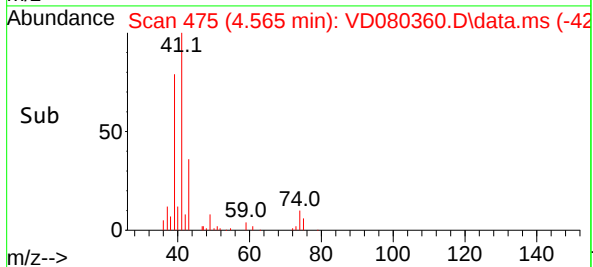
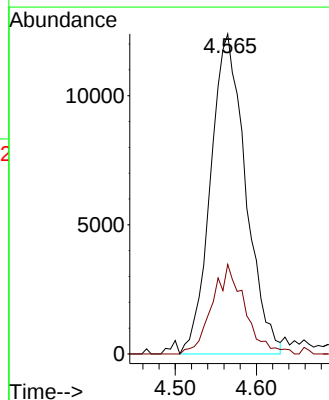
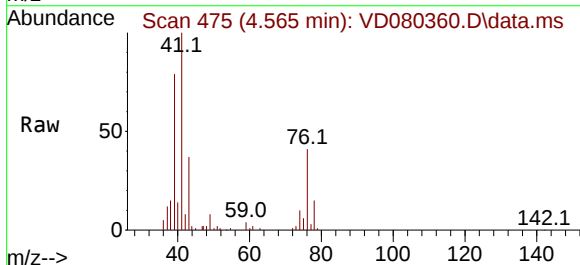
Acq: 16 May 2025 09:59

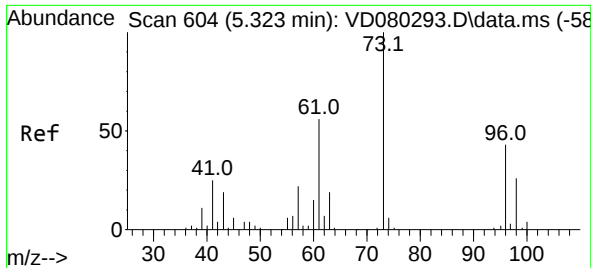
Tgt Ion: 43 Resp: 37179

Ion Ratio Lower Upper

43 100

74 26.2 20.5 30.7

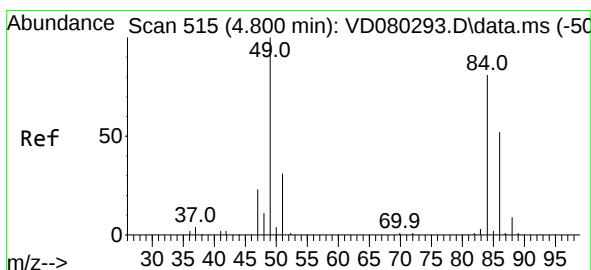
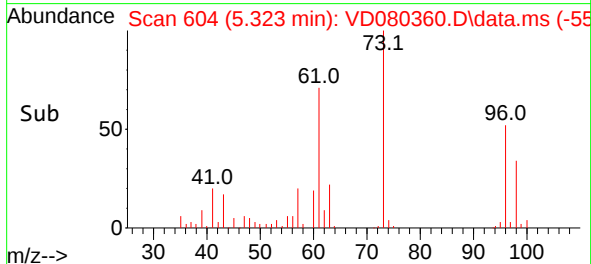
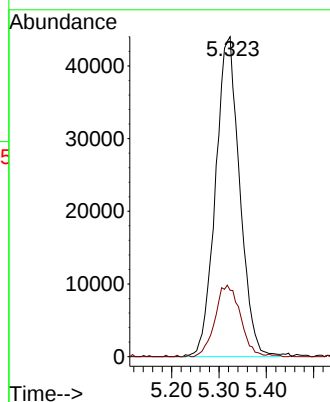
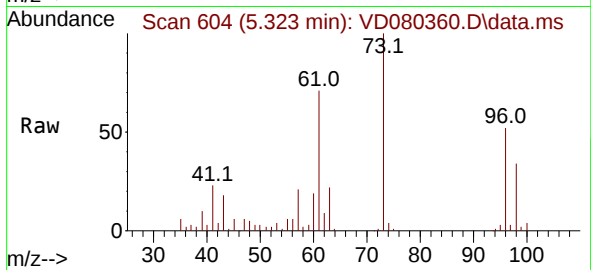




#19
Methyl tert-butyl Ether
Concen: 49.577 ug/l
RT: 5.323 min Scan# 604
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

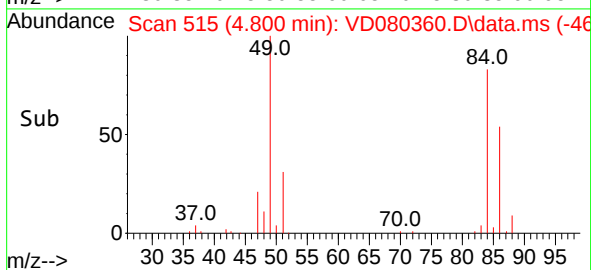
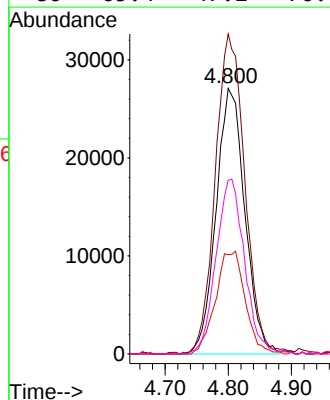
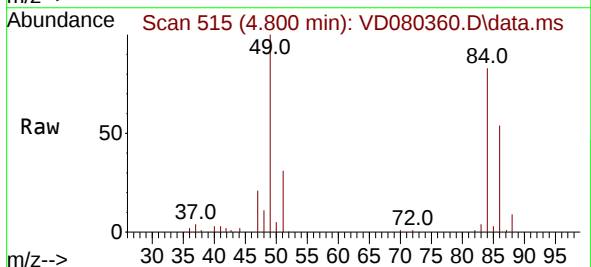
Instrument :
MSVOA_D
ClientSampleId :

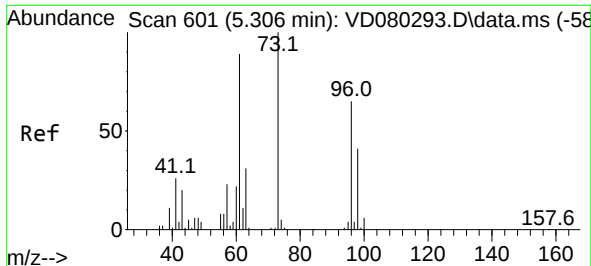
Tgt Ion: 73 Resp: 156369
Ion Ratio Lower Upper
73 100
57 20.8 18.8 28.2



#20
Methylene Chloride
Concen: 52.625 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.005 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion: 84 Resp: 85846
Ion Ratio Lower Upper
84 100
49 120.5 86.5 129.7
51 37.4 26.9 40.3
86 65.4 47.2 70.8

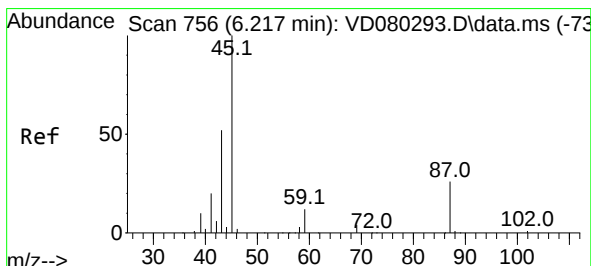
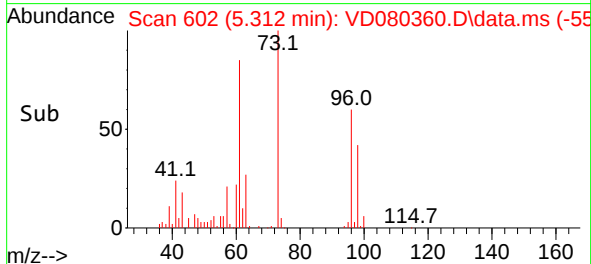
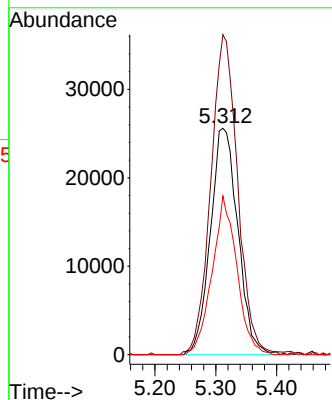
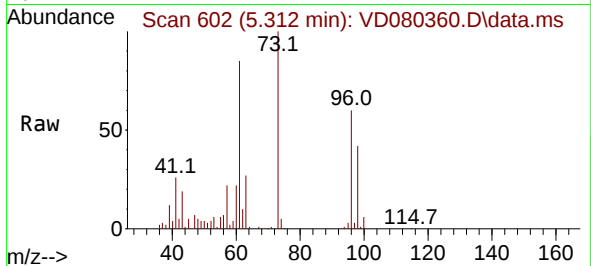




#21
trans-1,2-Dichloroethene
Concen: 51.543 ug/l
RT: 5.312 min Scan# 601
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

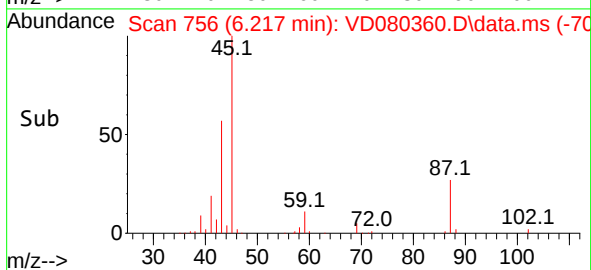
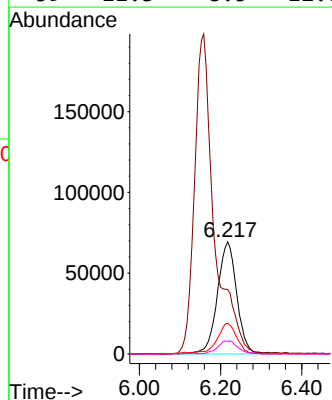
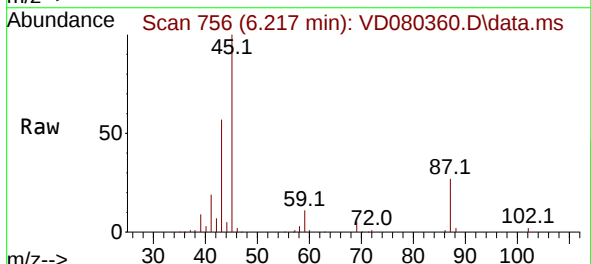
Instrument :
MSVOA_D
ClientSampleId :

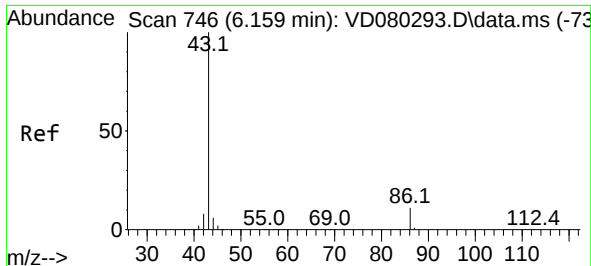
Tgt Ion: 96 Resp: 80391
Ion Ratio Lower Upper
96 100
61 141.4 109.4 164.0
98 70.1 49.8 74.8



#22
Diisopropyl ether
Concen: 49.482 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion: 45 Resp: 230157
Ion Ratio Lower Upper
45 100
43 56.5 42.6 63.8
87 27.4 22.7 34.1
59 11.3 8.5 12.7

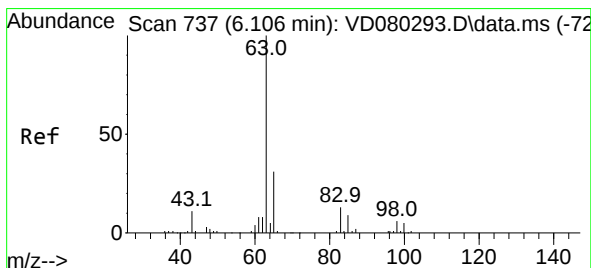
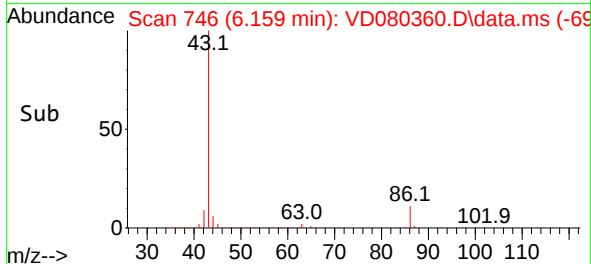
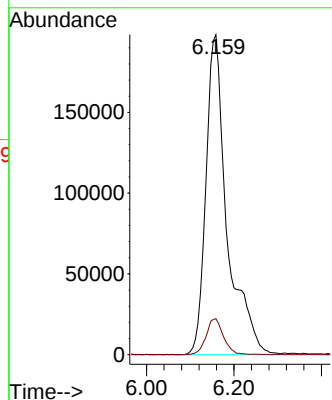
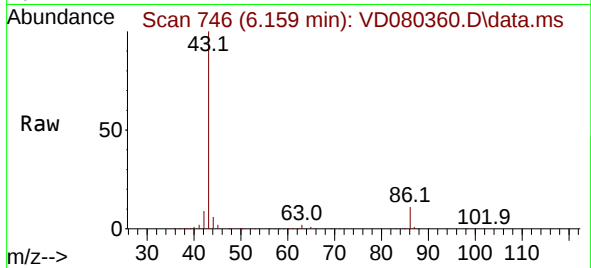




#23
 Vinyl Acetate
 Concen: 246.234 ug/l
 RT: 6.159 min Scan# 746
 Delta R.T. 0.001 min
 Lab File: VD080360.D
 Acq: 16 May 2025 09:59

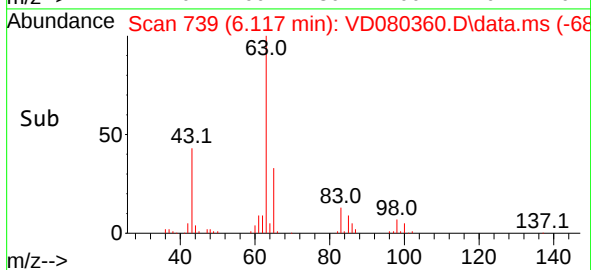
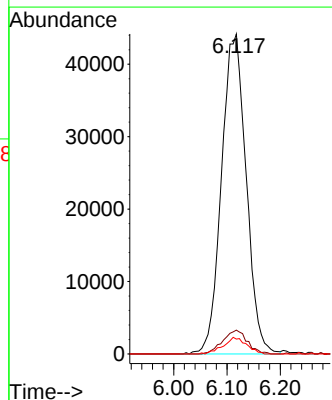
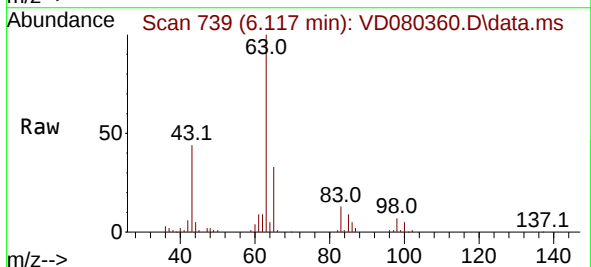
Instrument :
 MSVOA_D
 ClientSampleId :

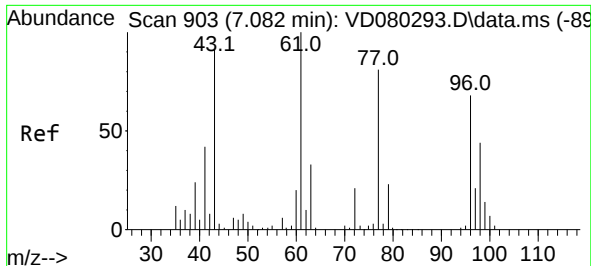
Tgt Ion: 43 Resp: 667049
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 48.544 ug/l
 RT: 6.117 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: VD080360.D
 Acq: 16 May 2025 09:59

Tgt Ion: 63 Resp: 142084
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.6
 100 4.6 2.1 6.5

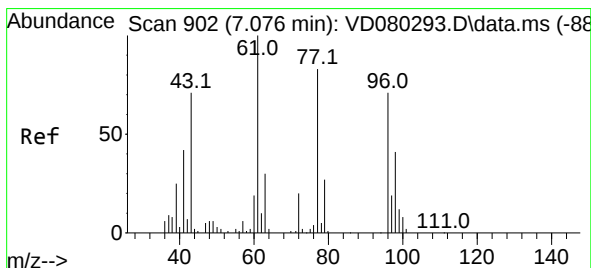
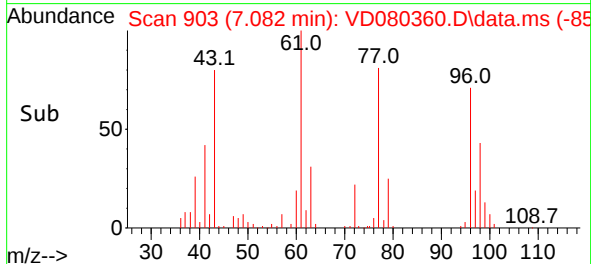
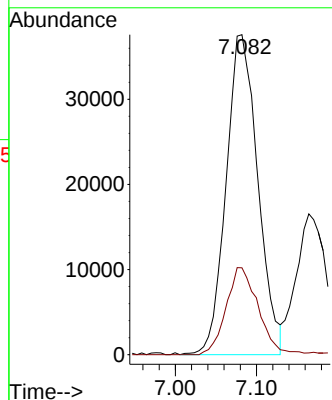
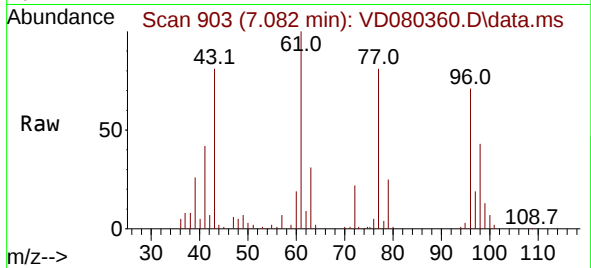




#25
2-Butanone
Concen: 242.297 ug/l
RT: 7.082 min Scan# 903
Delta R.T. -0.005 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

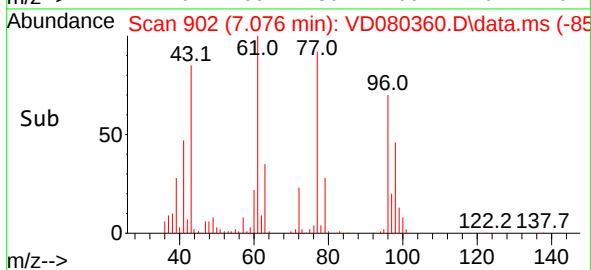
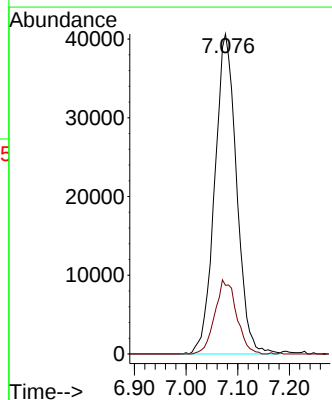
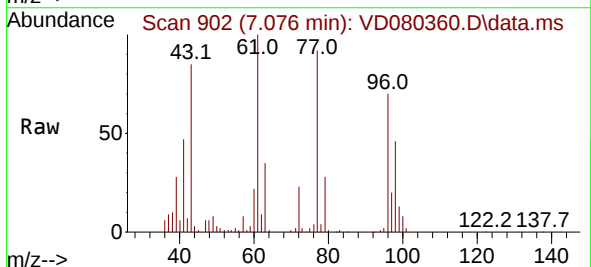
Instrument :
MSVOA_D
ClientSampleId :

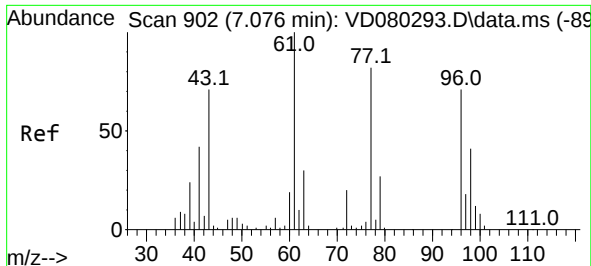
Tgt Ion: 43 Resp: 102221
Ion Ratio Lower Upper
43 100
72 27.4 22.3 33.5



#26
2,2-Dichloropropane
Concen: 51.299 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion: 77 Resp: 119475
Ion Ratio Lower Upper
77 100
97 22.9 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 51.087 ug/l

RT: 7.082 min Scan# 902

Delta R.T. 0.001 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

Instrument :

MSVOA_D

ClientSampleId :

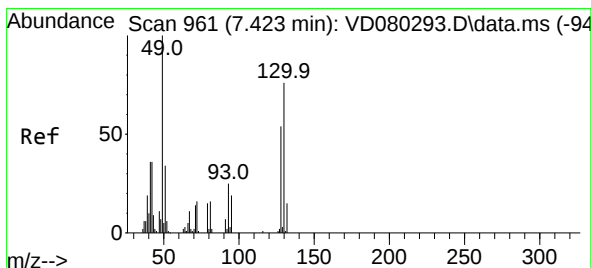
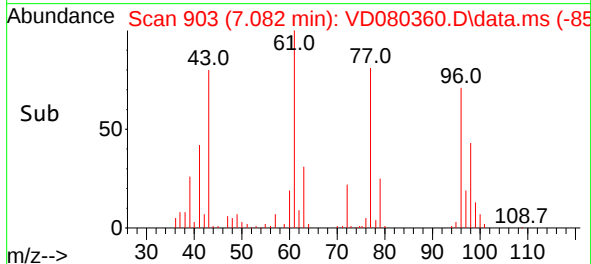
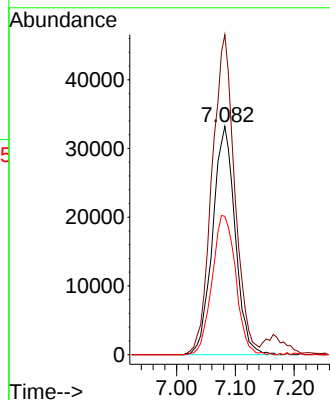
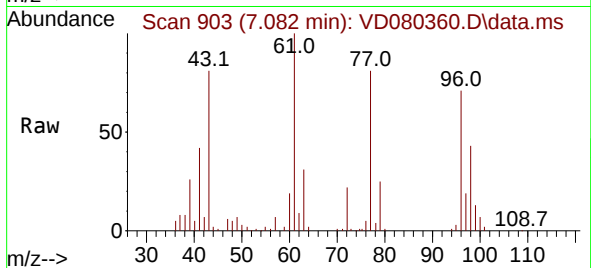
Tgt Ion: 96 Resp: 88280

Ion Ratio Lower Upper

96 100

61 141.4 0.0 278.2

98 63.7 0.0 127.8



#28

Bromochloromethane

Concen: 43.900 ug/l

RT: 7.423 min Scan# 961

Delta R.T. -0.005 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

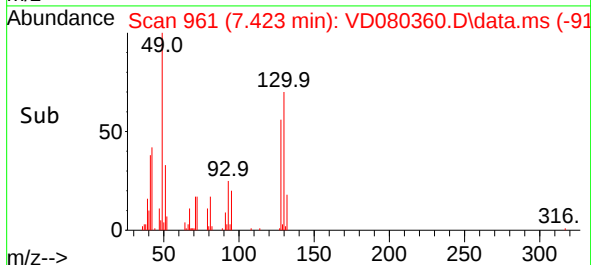
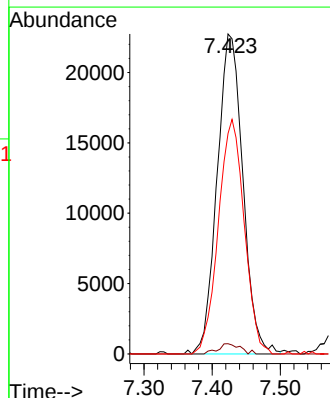
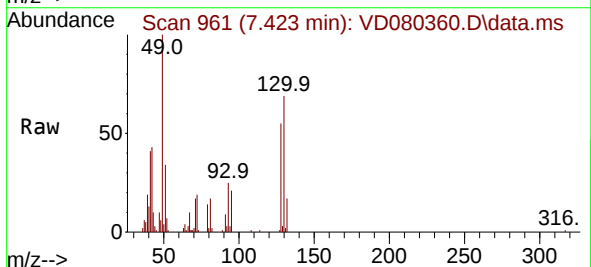
Tgt Ion: 49 Resp: 59826

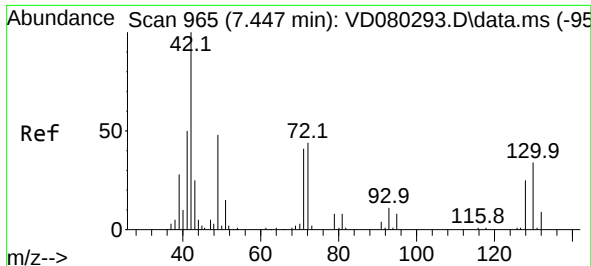
Ion Ratio Lower Upper

49 100

129 2.8 0.0 2.2#

130 73.7 64.6 97.0





#29

Tetrahydrofuran

Concen: 227.400 ug/l

RT: 7.447 min Scan# 90

Delta R.T. 0.001 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

Instrument :

MSVOA_D

ClientSampleId :

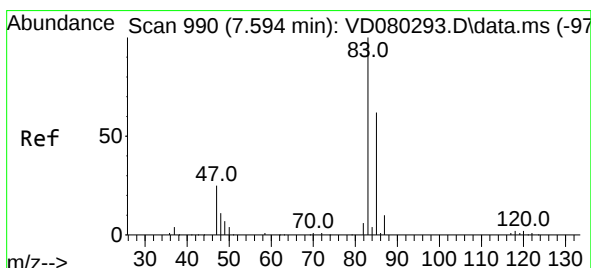
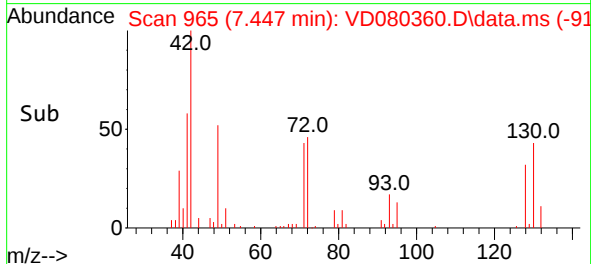
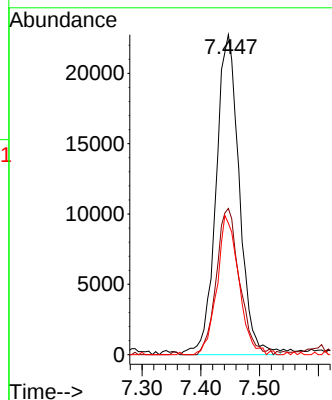
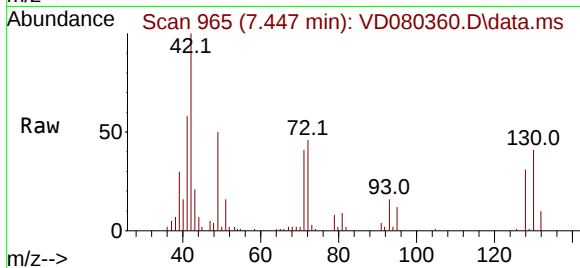
Tgt Ion: 42 Resp: 62552

Ion Ratio Lower Upper

42 100

72 45.5 36.7 55.1

71 40.8 34.4 51.6



#30

Chloroform

Concen: 48.033 ug/l

RT: 7.600 min Scan# 991

Delta R.T. 0.001 min

Lab File: VD080360.D

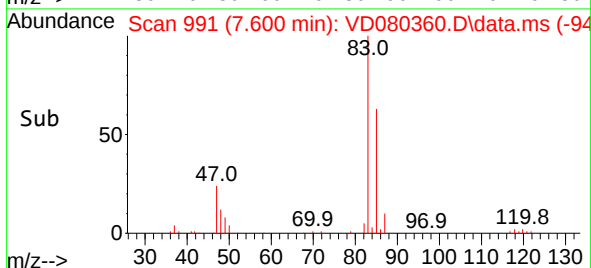
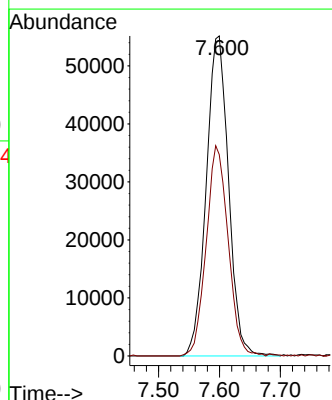
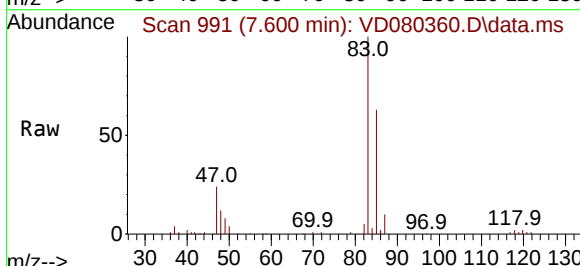
Acq: 16 May 2025 09:59

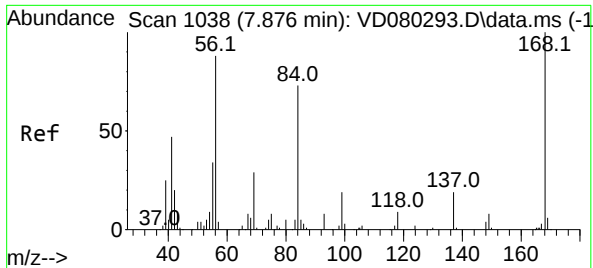
Tgt Ion: 83 Resp: 140196

Ion Ratio Lower Upper

83 100

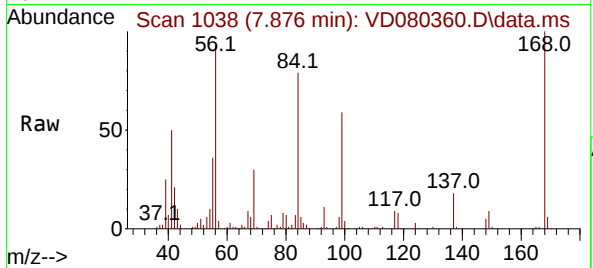
85 62.9 50.8 76.2



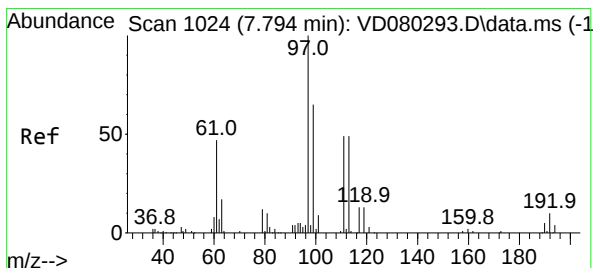
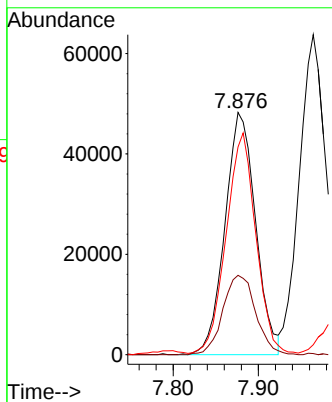
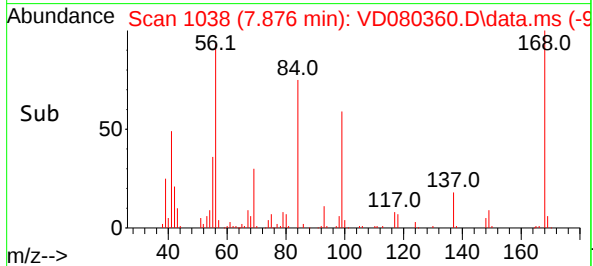


#31
Cyclohexane
Concen: 48.431 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.005 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

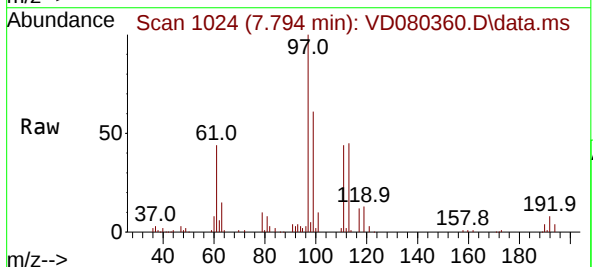
Instrument :
MSVOA_D
ClientSampleId :



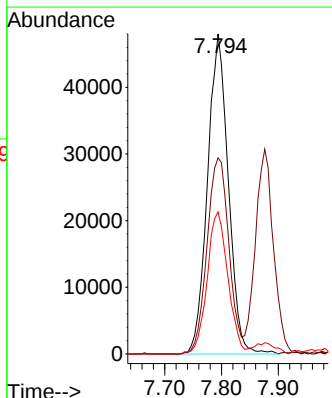
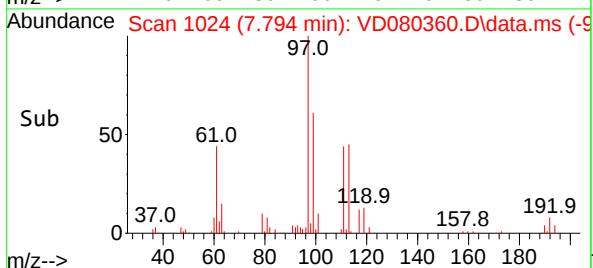
Tgt Ion: 56 Resp: 120643
Ion Ratio Lower Upper
56 100
69 32.8 27.3 40.9
84 84.6 70.2 105.4

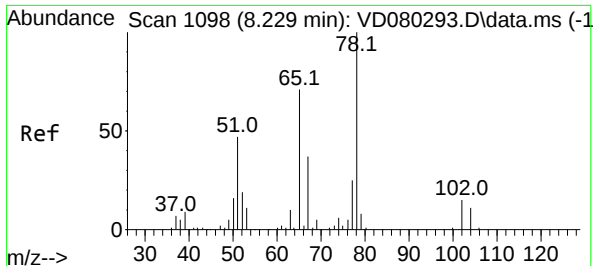


#32
1,1,1-Trichloroethane
Concen: 51.221 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59



Tgt Ion: 97 Resp: 121972
Ion Ratio Lower Upper
97 100
99 64.2 50.7 76.1
61 44.4 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 45.481 ug/l

RT: 8.229 min Scan# 1109

Delta R.T. 0.001 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

Instrument :

MSVOA_D

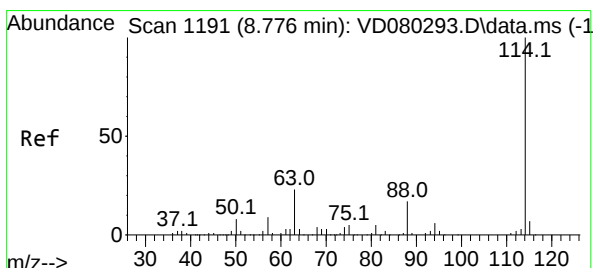
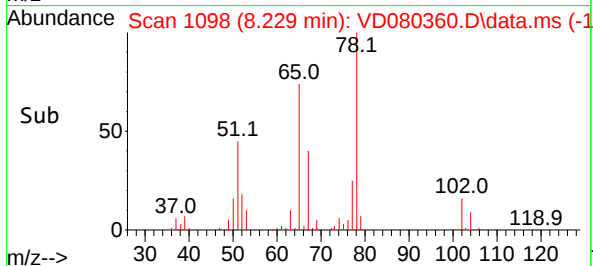
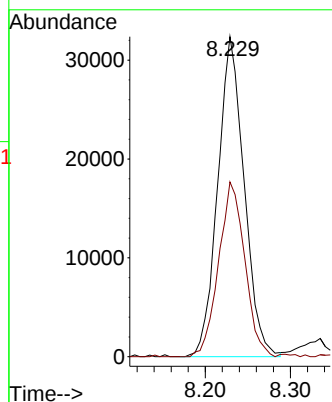
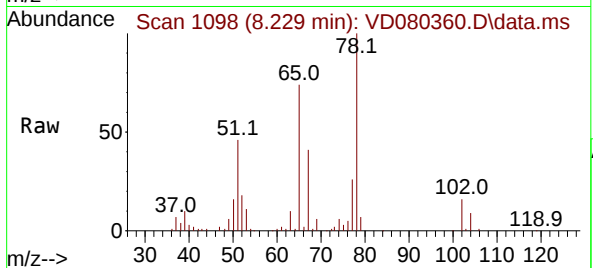
ClientSampleId :

Tgt Ion: 65 Resp: 69737

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.001 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

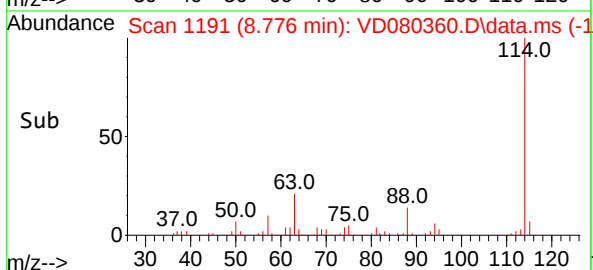
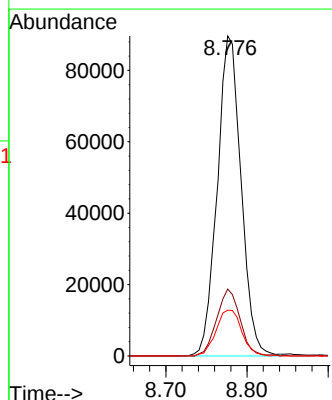
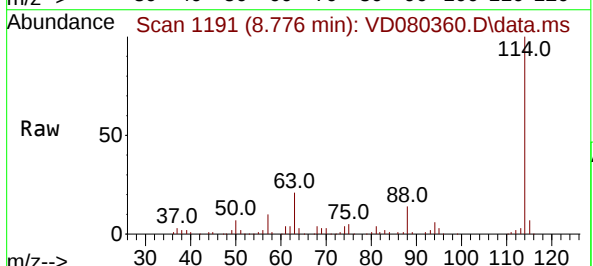
Tgt Ion: 114 Resp: 183095

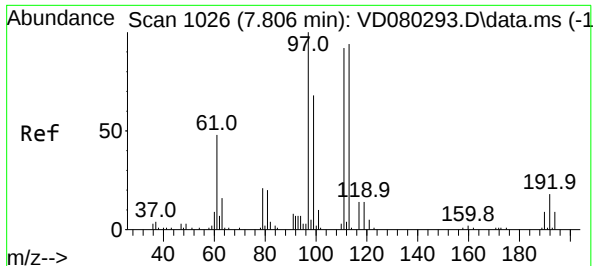
Ion Ratio Lower Upper

114 100

63 20.9 0.0 38.8

88 14.3 0.0 30.6

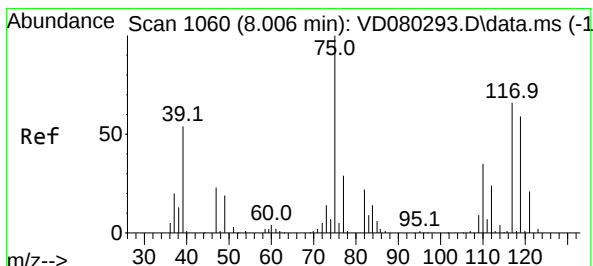
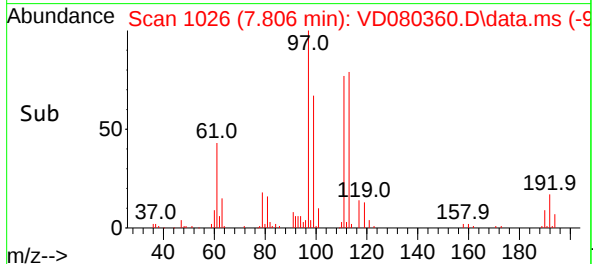
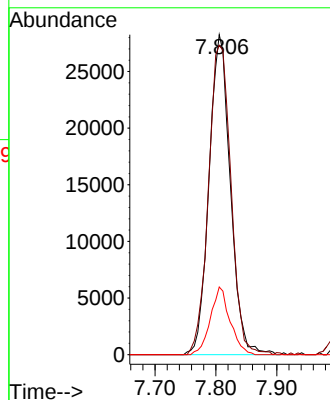
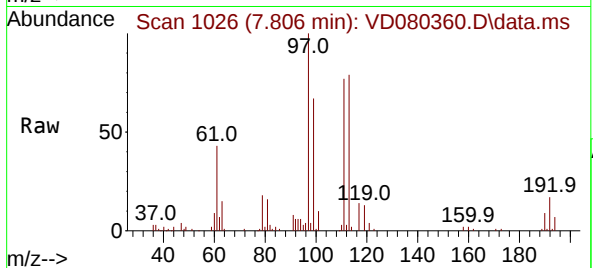




#35
Dibromofluoromethane
Concen: 55.976 ug/l
RT: 7.806 min Scan# 1026
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

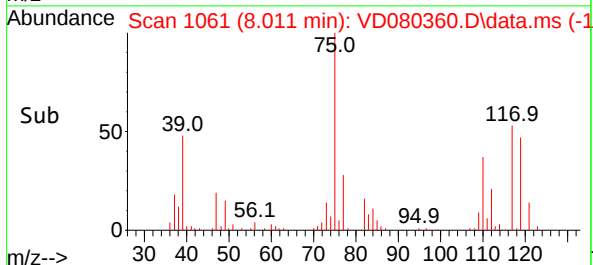
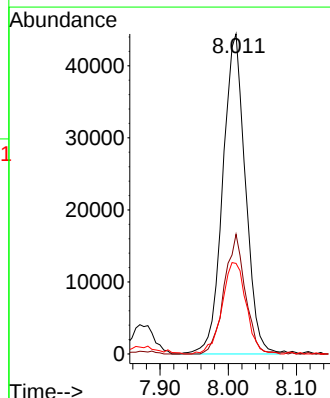
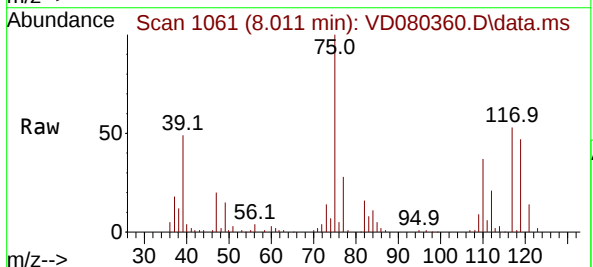
Instrument :
MSVOA_D
ClientSampleId :

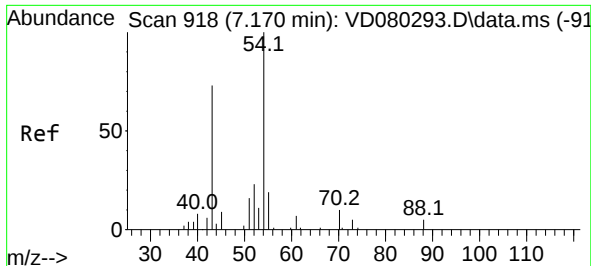
Tgt Ion:113 Resp: 68692
Ion Ratio Lower Upper
113 100
111 101.9 82.5 123.7
192 19.5 16.6 25.0



#36
1,1-Dichloropropene
Concen: 55.881 ug/l
RT: 8.011 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion: 75 Resp: 102489
Ion Ratio Lower Upper
75 100
110 34.9 18.4 55.0
77 30.5 25.6 38.4





#37

Ethyl Acetate

Concen: 46.298 ug/l

RT: 7.164 min Scan# 917

Delta R.T. -0.005 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

Instrument :

MSVOA_D

ClientSampleId :

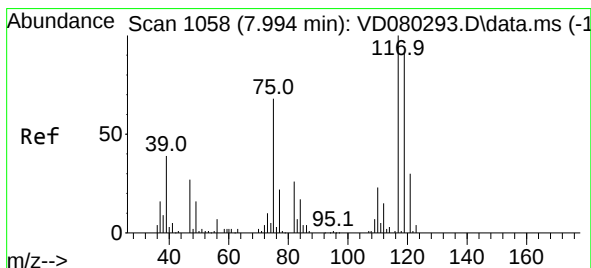
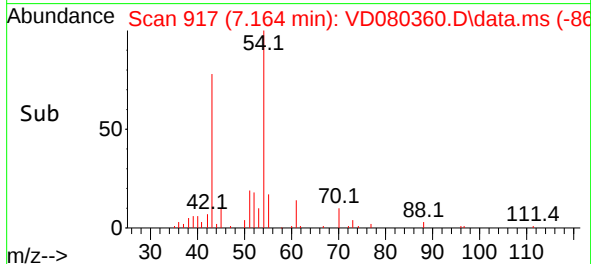
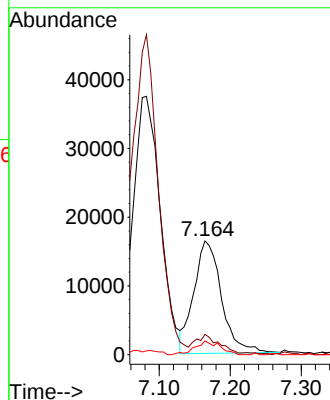
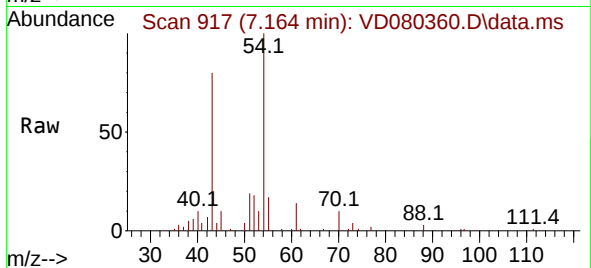
Tgt Ion: 43 Resp: 44402

Ion Ratio Lower Upper

43 100

61 13.4 11.0 16.4

70 10.9 9.4 14.2



#38

Carbon Tetrachloride

Concen: 55.488 ug/l

RT: 7.994 min Scan# 1058

Delta R.T. 0.007 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

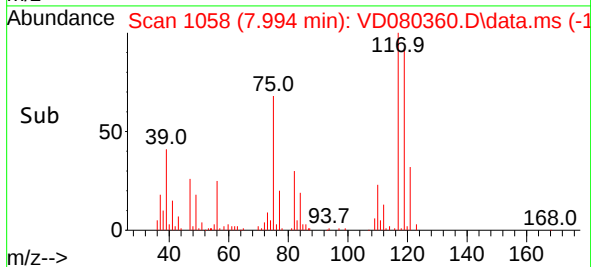
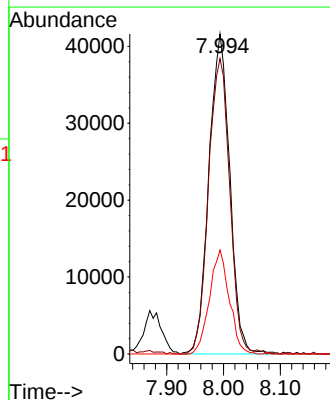
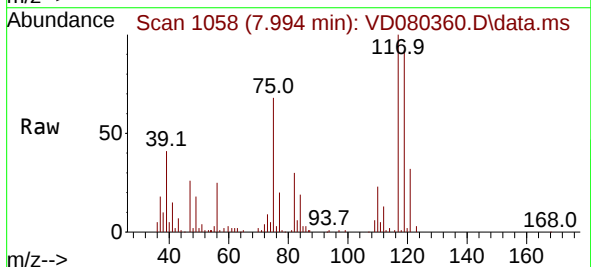
Tgt Ion: 117 Resp: 106133

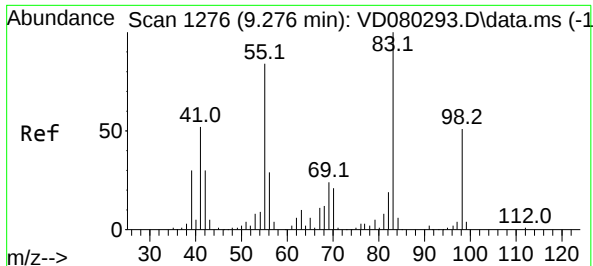
Ion Ratio Lower Upper

117 100

119 92.3 73.4 110.0

121 32.5 24.5 36.7





#39

Methylcyclohexane

Concen: 56.387 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.001 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

Instrument :

MSVOA_D

ClientSampleId :

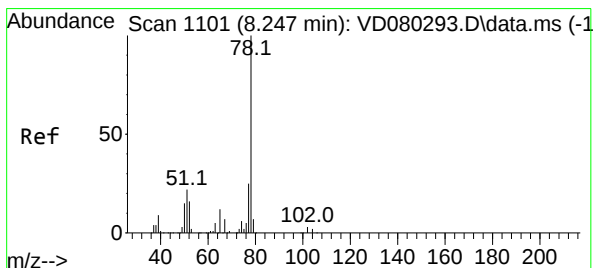
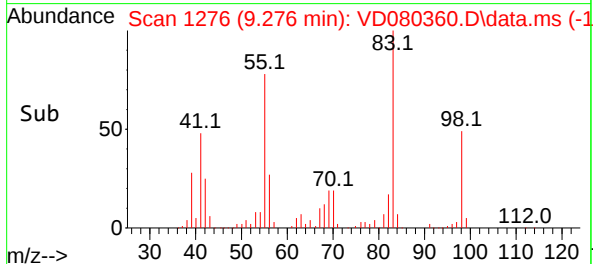
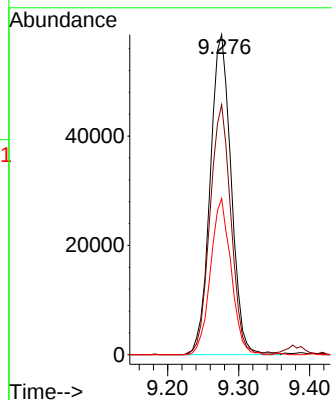
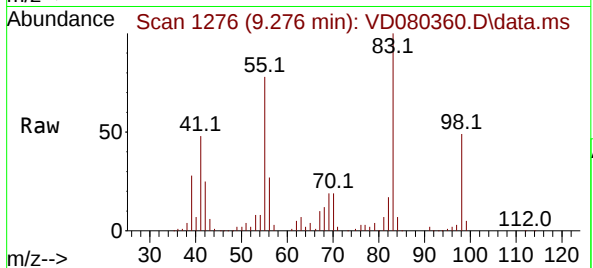
Tgt Ion: 83 Resp: 120002

Ion Ratio Lower Upper

83 100

55 78.1 62.0 93.0

98 48.8 38.7 58.1



#40

Benzene

Concen: 52.195 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. 0.001 min

Lab File: VD080360.D

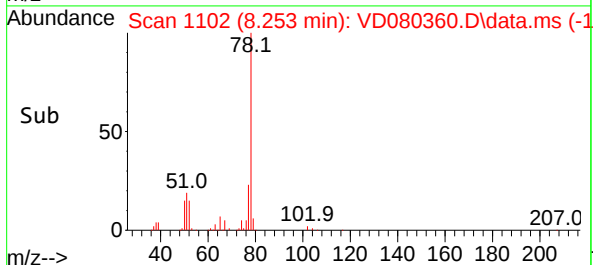
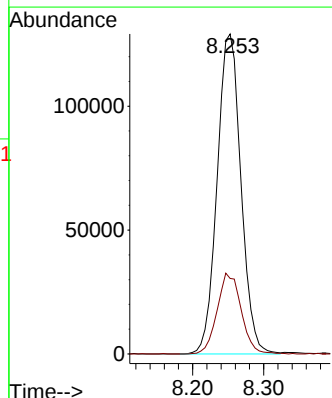
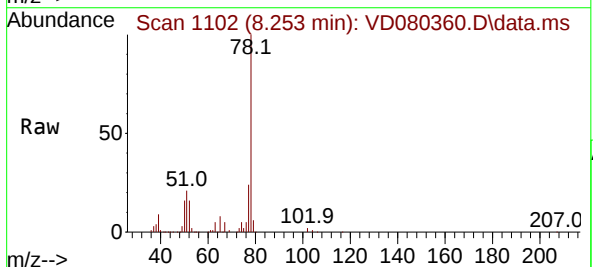
Acq: 16 May 2025 09:59

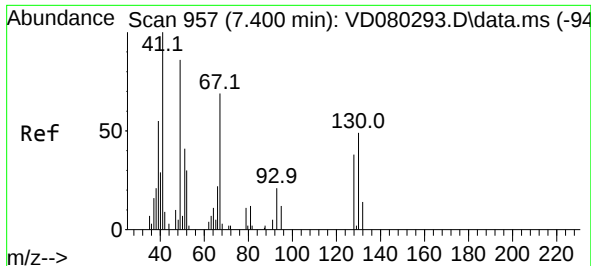
Tgt Ion: 78 Resp: 299948

Ion Ratio Lower Upper

78 100

77 23.6 20.2 30.4

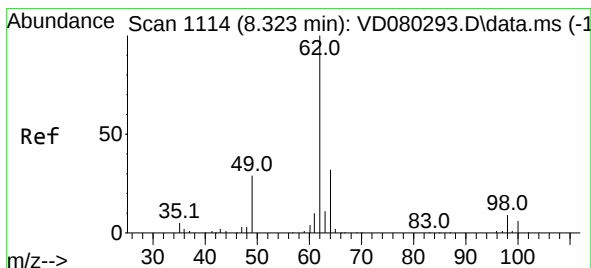
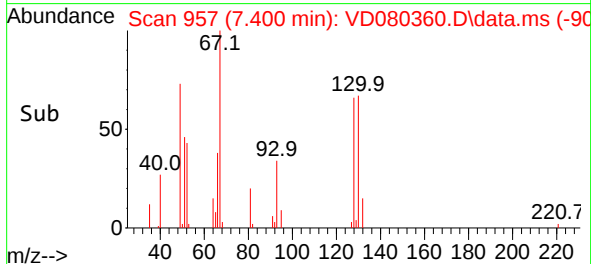
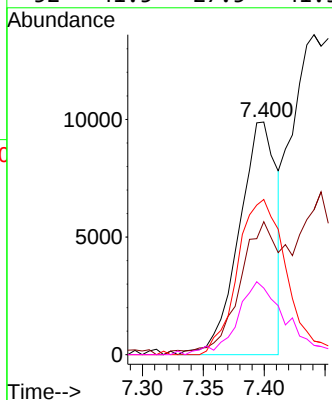
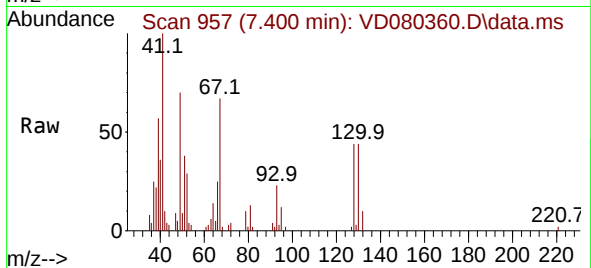




#41
Methacrylonitrile
Concen: 40.120 ug/l
RT: 7.400 min Scan# 91
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

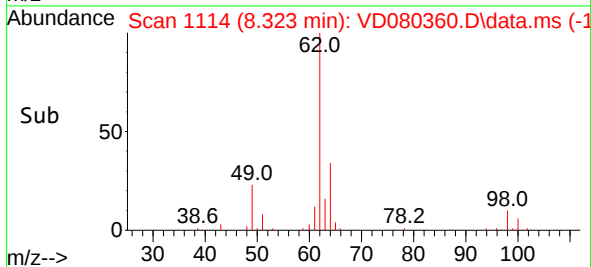
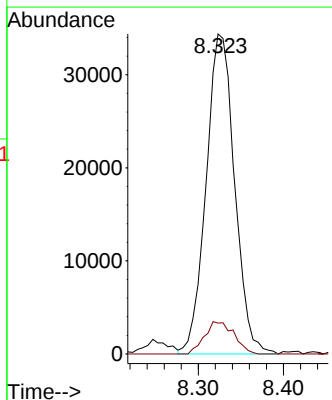
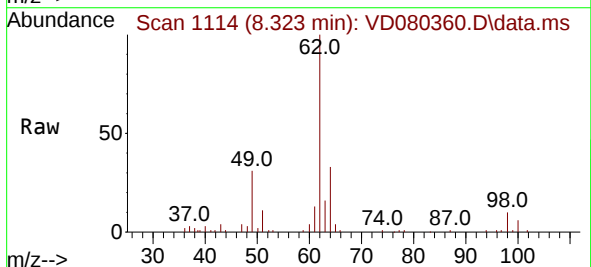
Instrument :
MSVOA_D
ClientSampleId :

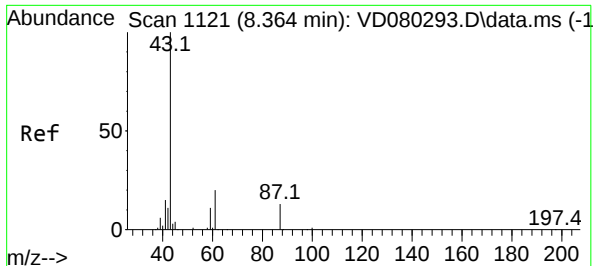
Tgt Ion: 41 Resp: 21293
Ion Ratio Lower Upper
41 100
39 71.9 47.8 71.8#
67 86.7 64.9 97.3
52 41.5 27.5 41.3#



#42
1,2-Dichloroethane
Concen: 47.977 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.005 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion: 62 Resp: 79892
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.8





#43

Isopropyl Acetate

Concen: 47.125 ug/l

RT: 8.358 min Scan# 1121

Delta R.T. 0.000 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

Instrument :

MSVOA_D

ClientSampleId :

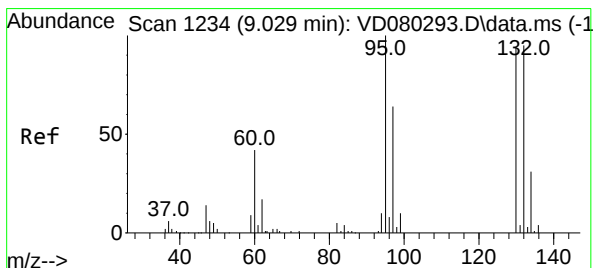
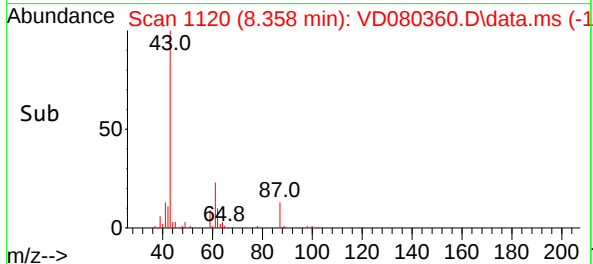
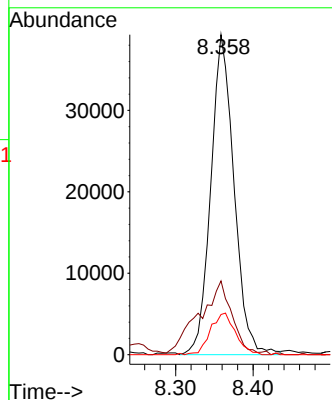
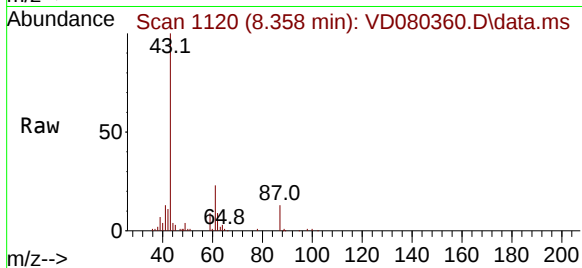
Tgt Ion: 43 Resp: 81954

Ion Ratio Lower Upper

43 100

61 33.1 26.2 39.2

87 14.0 11.8 17.8



#44

Trichloroethene

Concen: 52.730 ug/l

RT: 9.029 min Scan# 1234

Delta R.T. 0.001 min

Lab File: VD080360.D

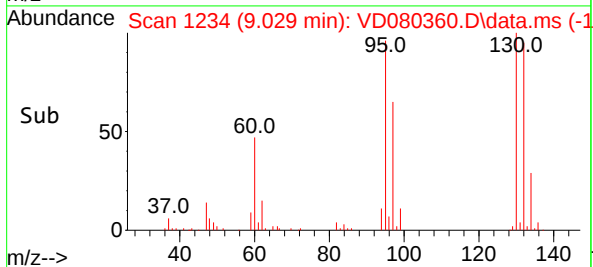
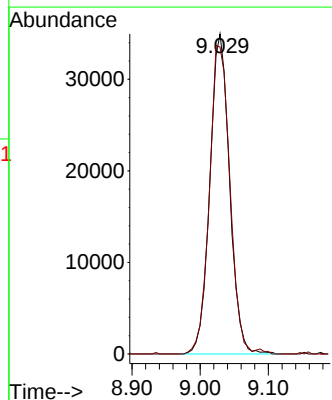
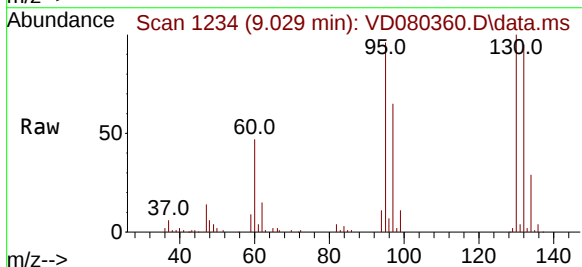
Acq: 16 May 2025 09:59

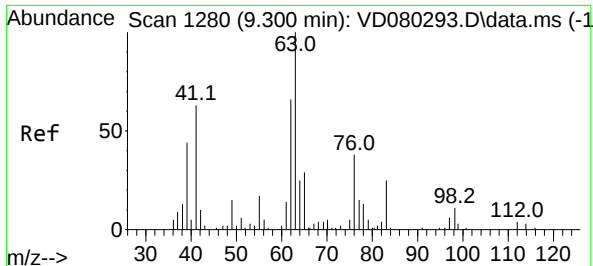
Tgt Ion:130 Resp: 70341

Ion Ratio Lower Upper

130 100

95 95.9 0.0 194.6





#45

1,2-Dichloropropane

Concen: 50.892 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

Instrument :

MSVOA_D

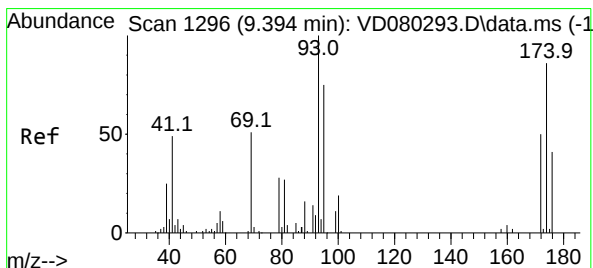
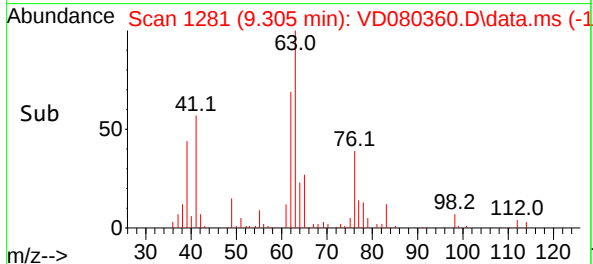
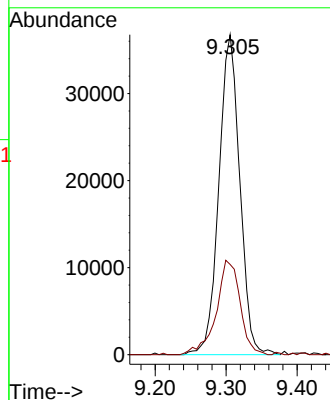
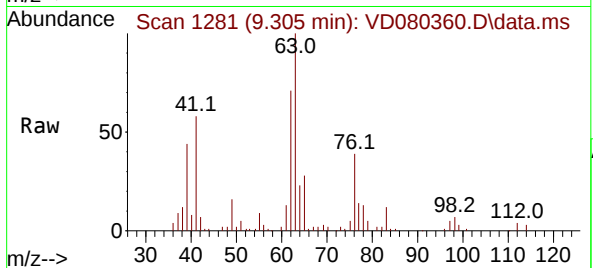
ClientSampleId :

Tgt Ion: 63 Resp: 75005

Ion Ratio Lower Upper

63 100

65 28.2 26.2 39.4



#46

Dibromomethane

Concen: 51.207 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.001 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

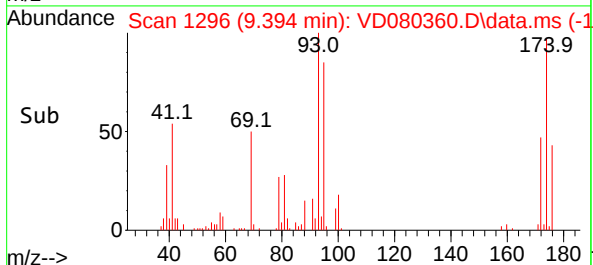
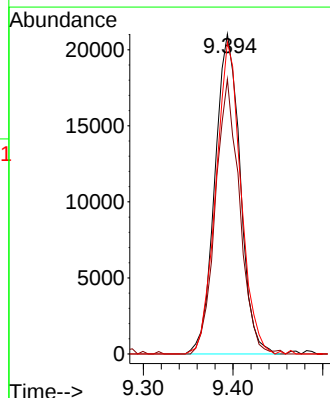
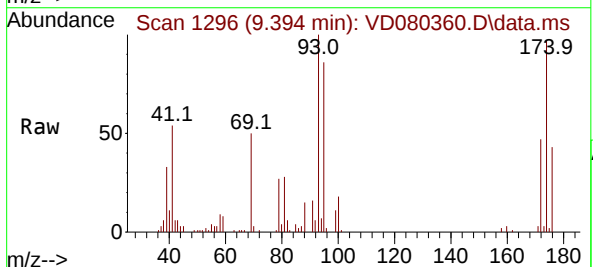
Tgt Ion: 93 Resp: 41090

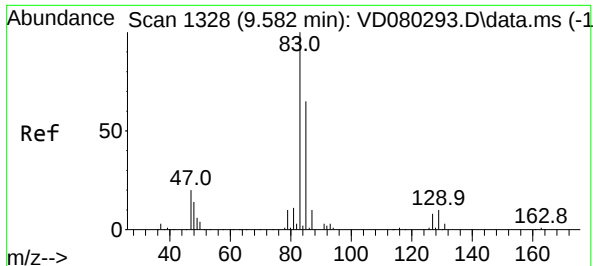
Ion Ratio Lower Upper

93 100

95 82.3 67.9 101.9

174 96.8 80.5 120.7

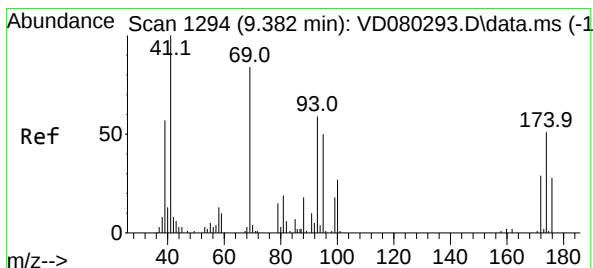
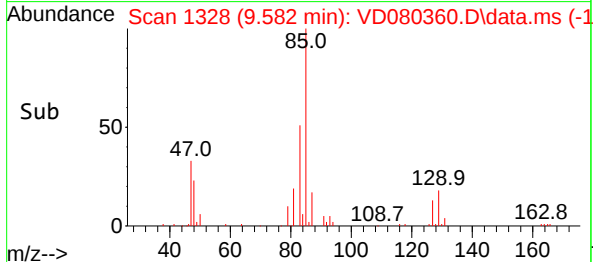
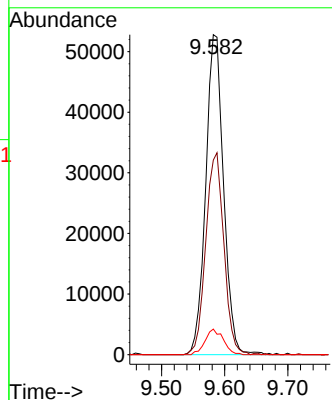
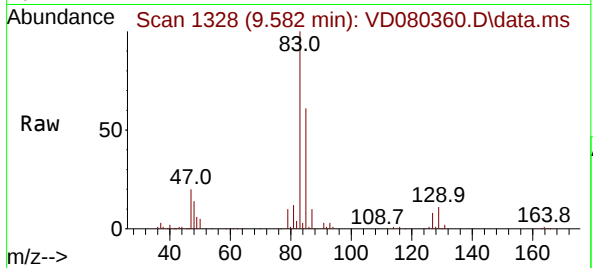




#47
Bromodichloromethane
Concen: 51.035 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. -0.005 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

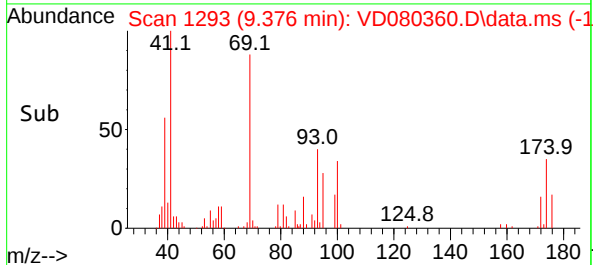
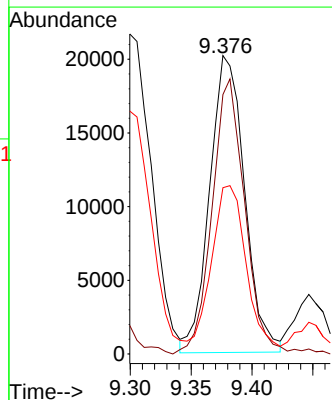
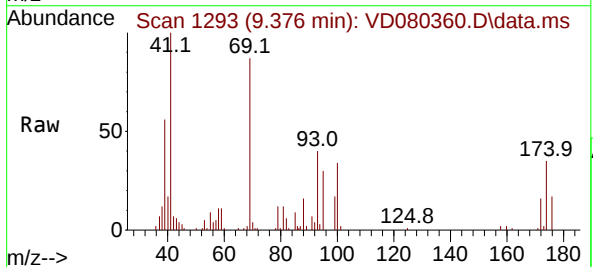
Instrument :
MSVOA_D
ClientSampleId :

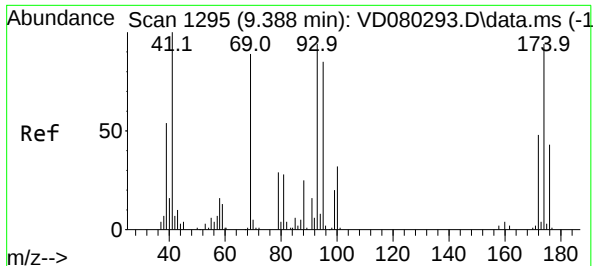
Tgt Ion: 83 Resp: 103944
Ion Ratio Lower Upper
83 100
85 60.8 50.6 75.8
127 8.0 6.1 9.1



#48
Methyl methacrylate
Concen: 48.747 ug/l
RT: 9.376 min Scan# 1293
Delta R.T. -0.005 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion: 41 Resp: 40280
Ion Ratio Lower Upper
41 100
69 87.3 74.0 111.0
39 51.9 41.9 62.9





#49

1,4-Dioxane

Concen: 930.904 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. 0.001 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

Instrument :

MSVOA_D

ClientSampleId :

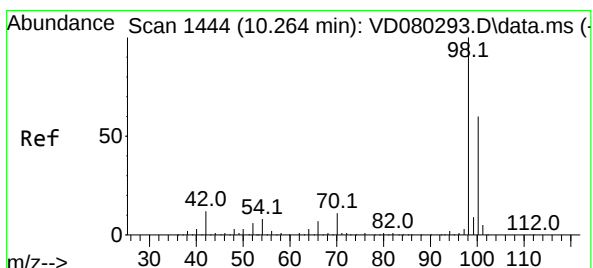
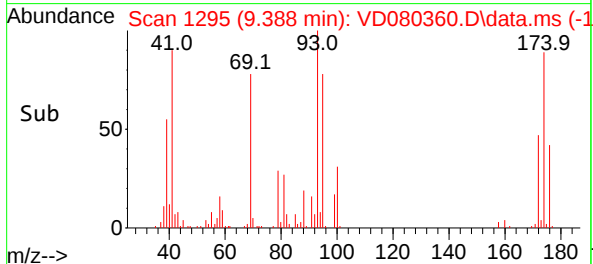
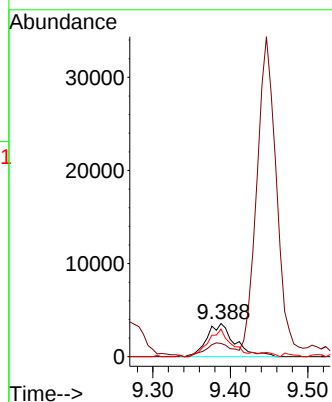
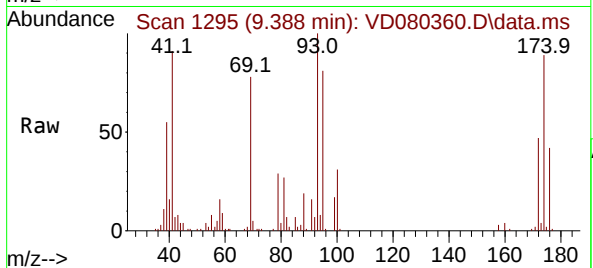
Tgt Ion: 88 Resp: 8881

Ion Ratio Lower Upper

88 100

43 39.4 29.1 43.7

58 68.0 59.9 89.9



#50

Toluene-d8

Concen: 53.603 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.001 min

Lab File: VD080360.D

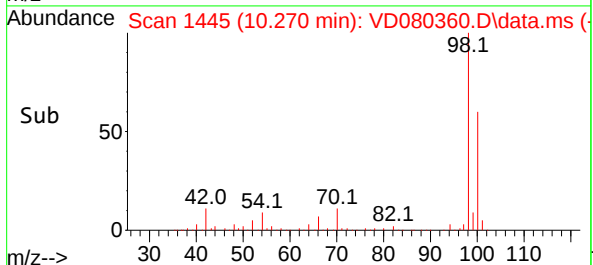
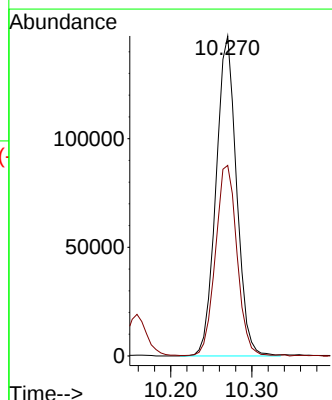
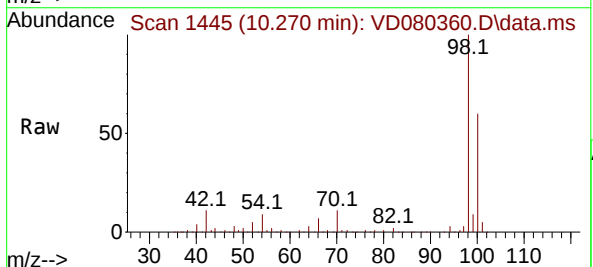
Acq: 16 May 2025 09:59

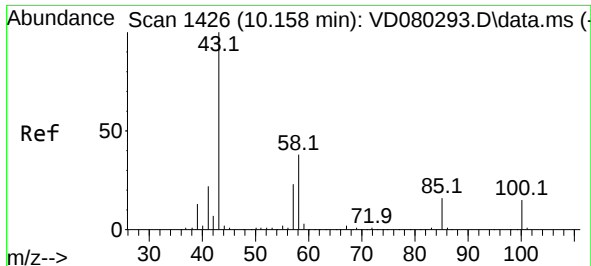
Tgt Ion: 98 Resp: 259182

Ion Ratio Lower Upper

98 100

100 62.6 50.2 75.4

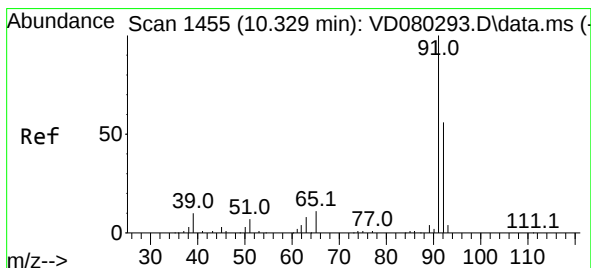
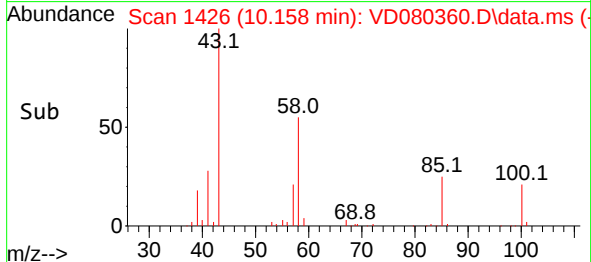
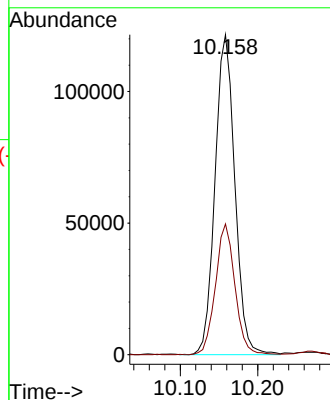
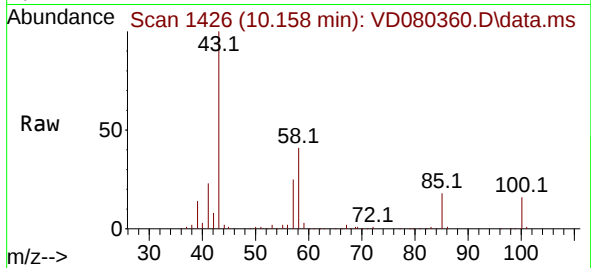




#51
4-Methyl-2-Pentanone
Concen: 240.999 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

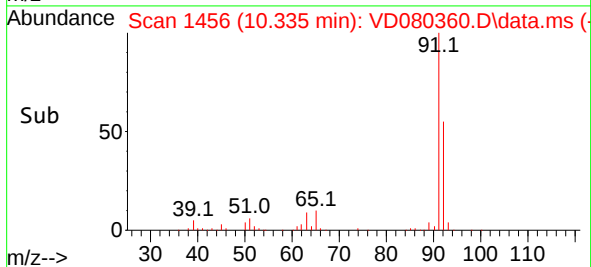
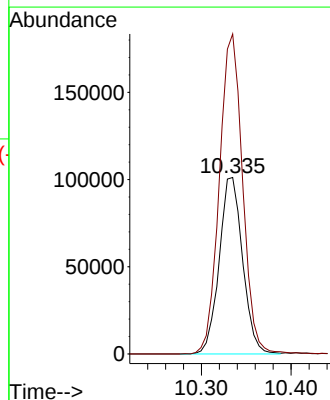
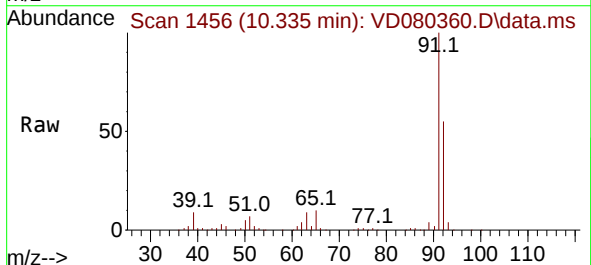
Instrument :
MSVOA_D
ClientSampleId :

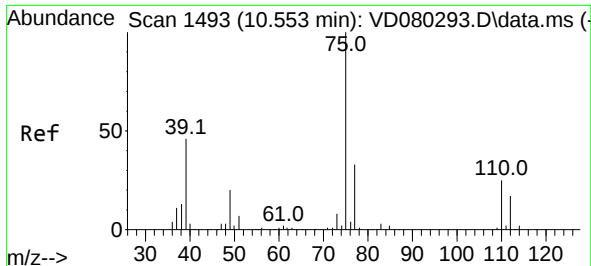
Tgt Ion: 43 Resp: 215948
Ion Ratio Lower Upper
43 100
58 40.2 32.8 49.2



#52
Toluene
Concen: 52.975 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion: 92 Resp: 183403
Ion Ratio Lower Upper
92 100
91 180.1 139.3 208.9

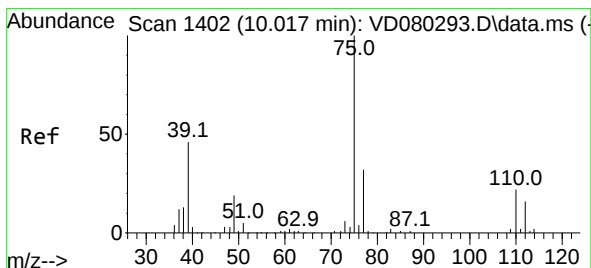
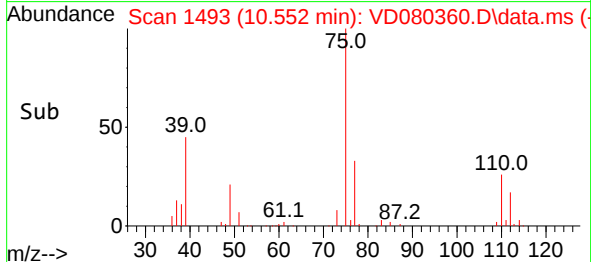
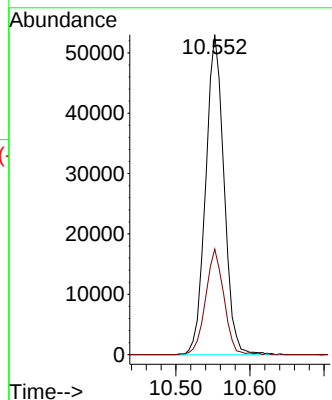
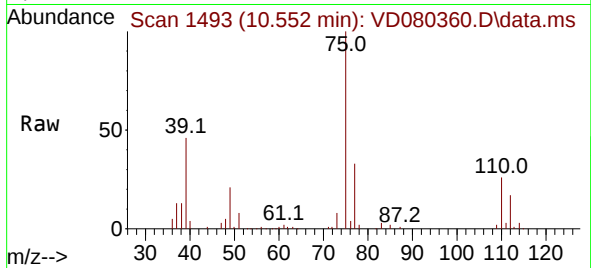




#53
t-1,3-Dichloropropene
Concen: 49.051 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

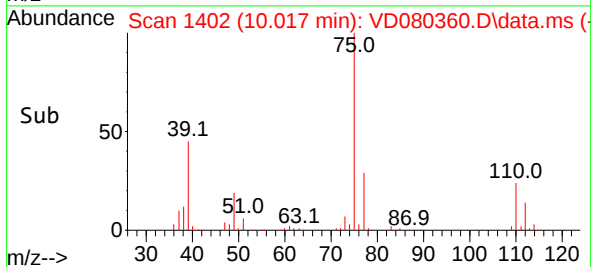
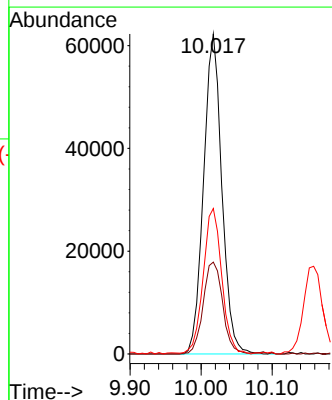
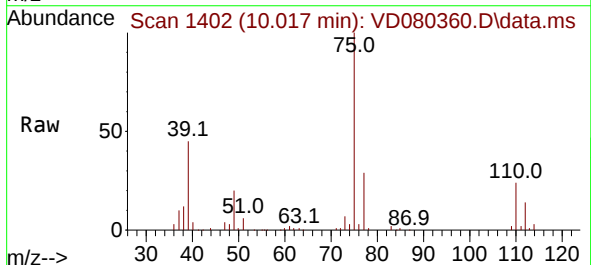
Instrument :
MSVOA_D
ClientSampleId :

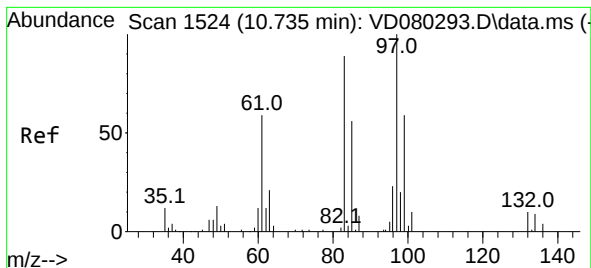
Tgt Ion: 75 Resp: 91076
Ion Ratio Lower Upper
75 100
77 32.7 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 51.851 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion: 75 Resp: 111564
Ion Ratio Lower Upper
75 100
77 28.7 25.0 37.4
39 45.4 33.2 49.8

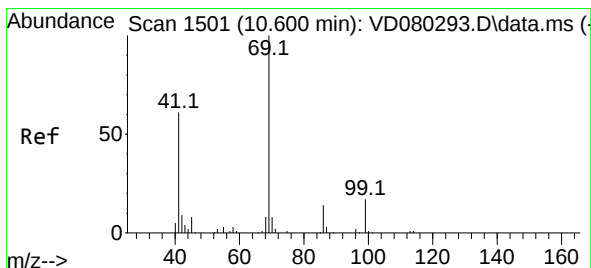
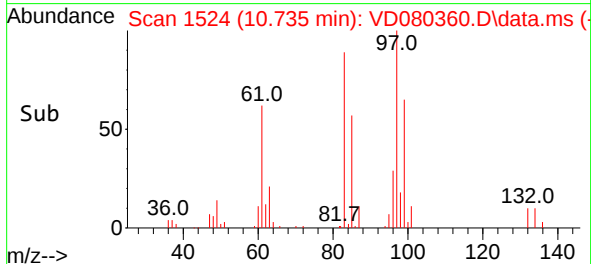
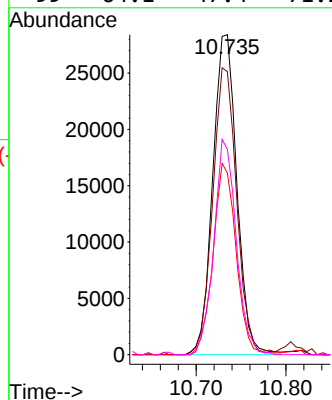
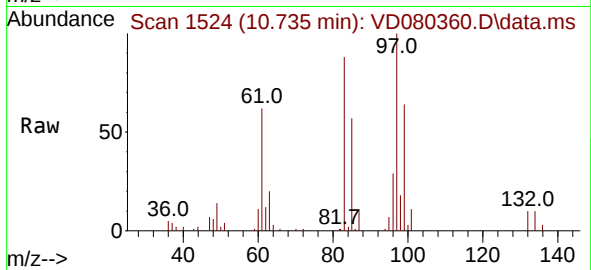




#55
1,1,2-Trichloroethane
Concen: 49.869 ug/l
RT: 10.735 min Scan# 1524
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

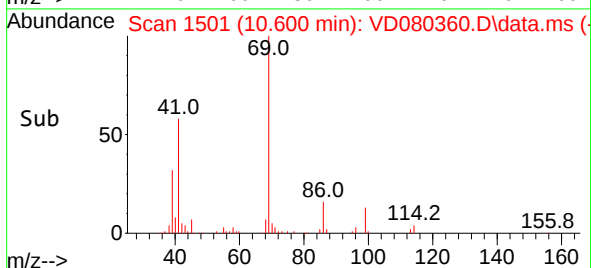
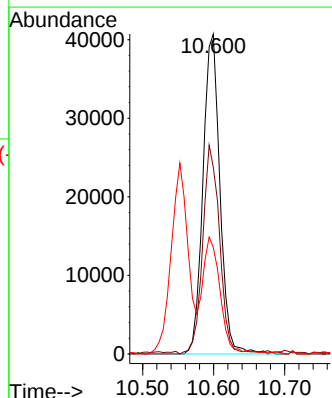
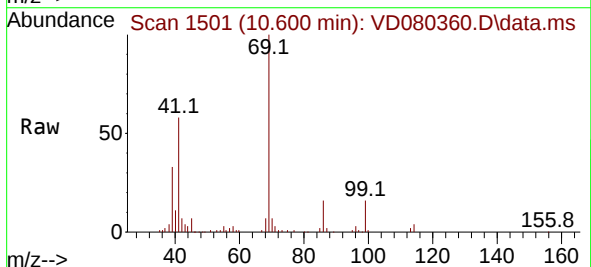
Instrument :
MSVOA_D
ClientSampleId :

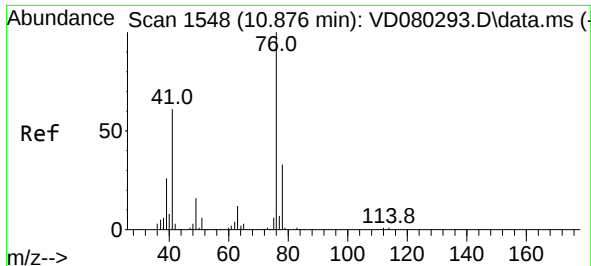
Tgt Ion:	97	Resp:	52932
Ion	Ratio	Lower	Upper
97	100		
83	88.4	69.2	103.8
85	56.7	43.0	64.6
99	64.1	47.4	71.2



#56
Ethyl methacrylate
Concen: 52.721 ug/l
RT: 10.600 min Scan# 1501
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion:	69	Resp:	67809
Ion	Ratio	Lower	Upper
69	100		
41	65.1	50.4	75.6
39	36.4	26.0	39.0





#57

1,3-Dichloropropane

Concen: 50.965 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. -0.005 min

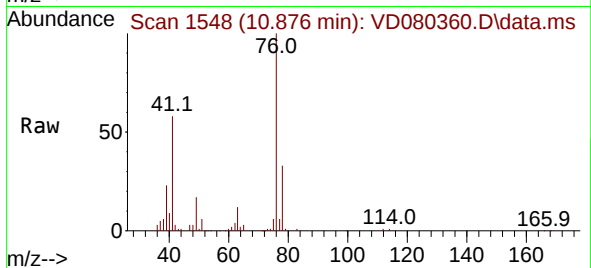
Lab File: VD080360.D

Acq: 16 May 2025 09:59

Instrument :

MSVOA_D

ClientSampleId :

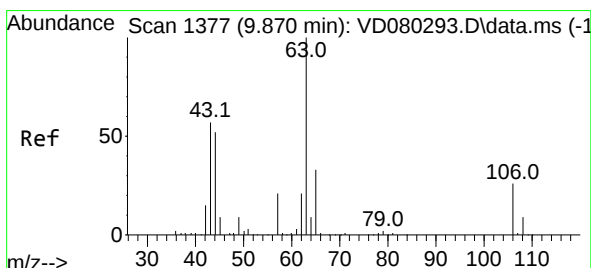
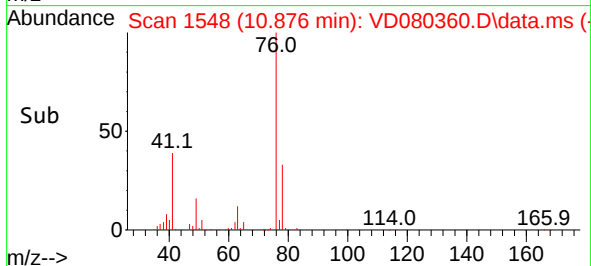
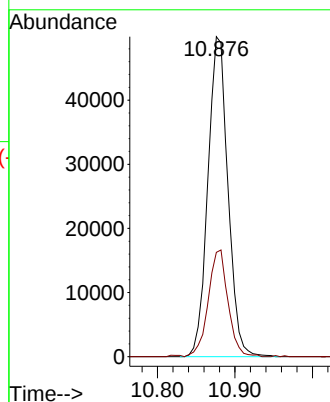


Tgt Ion: 76 Resp: 89905

Ion Ratio Lower Upper

76 100

78 32.8 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 273.235 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VD080360.D

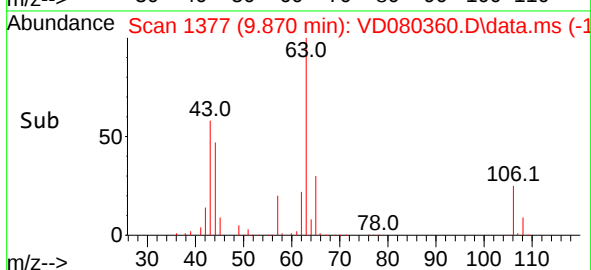
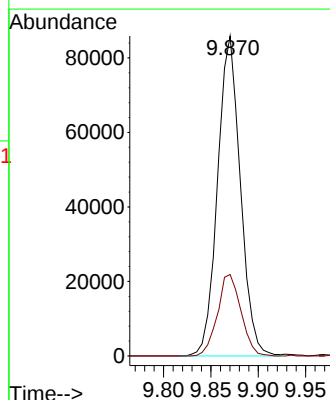
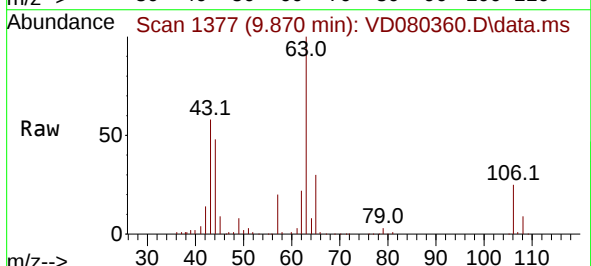
Acq: 16 May 2025 09:59

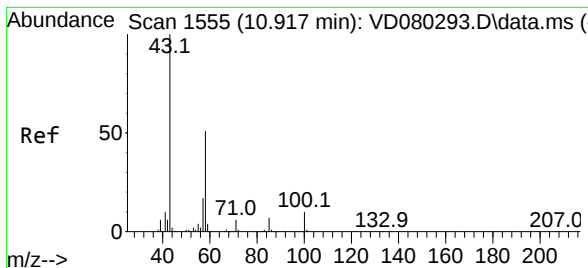
Tgt Ion: 63 Resp: 143820

Ion Ratio Lower Upper

63 100

106 26.2 21.8 32.6

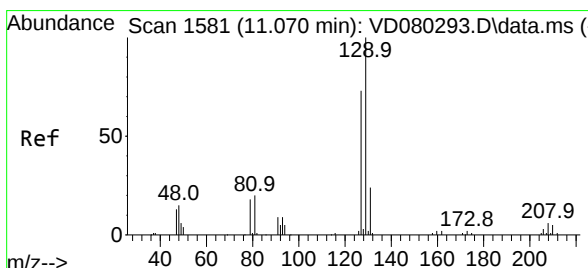
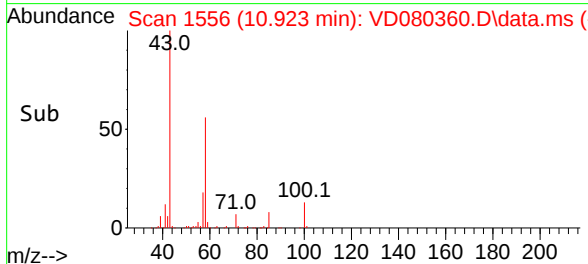
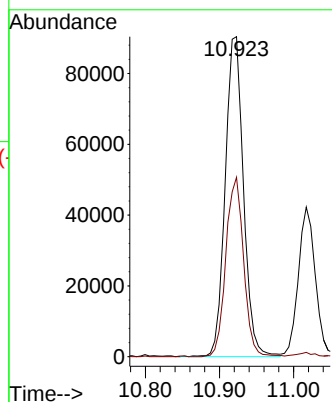
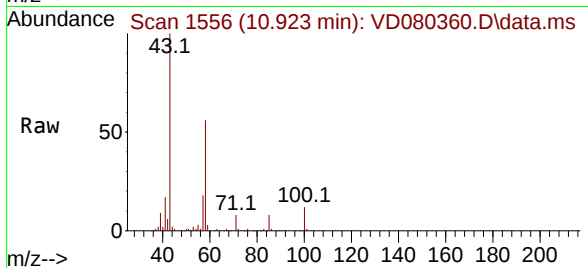




#59
2-Hexanone
Concen: 251.352 ug/l
RT: 10.923 min Scan# 1556
Delta R.T. 0.007 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

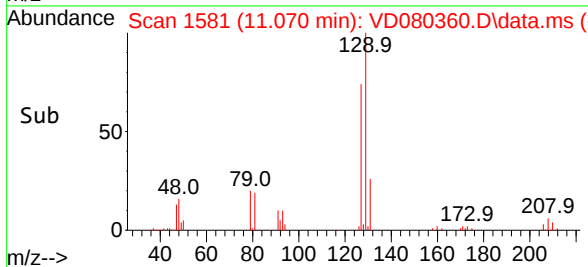
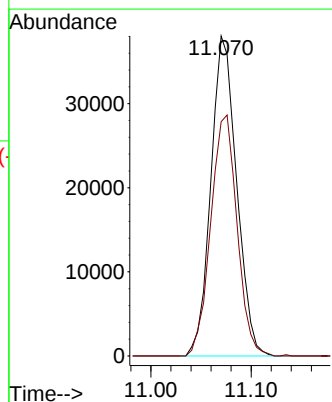
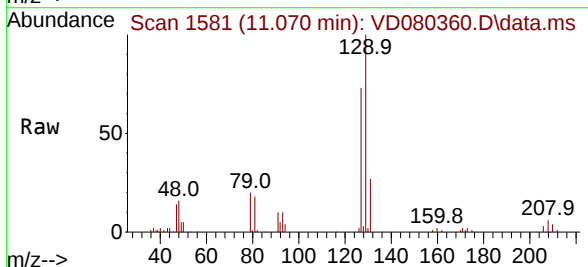
Instrument :
MSVOA_D
ClientSampleId :

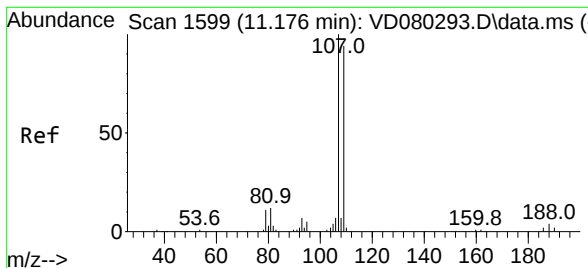
Tgt Ion: 43 Resp: 154933
Ion Ratio Lower Upper
43 100
58 54.4 27.8 83.4



#60
Dibromochloromethane
Concen: 50.949 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. -0.005 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion: 129 Resp: 67771
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.739 ug/l

RT: 11.176 min Scan# 1599

Delta R.T. -0.005 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

Instrument :

MSVOA_D

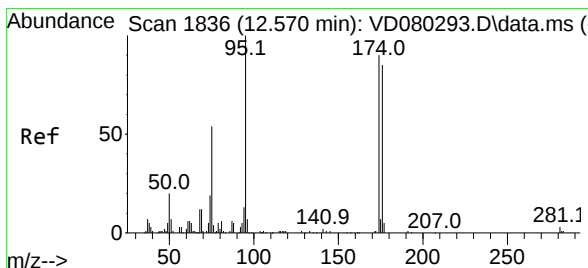
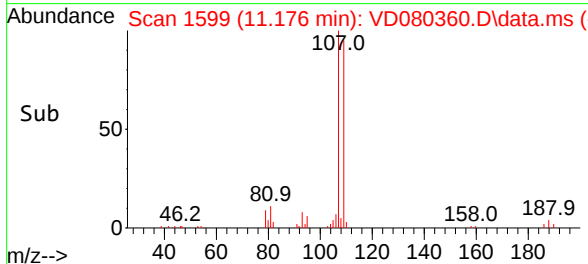
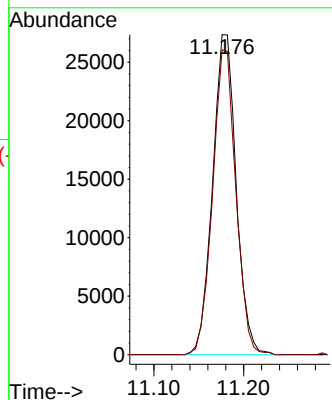
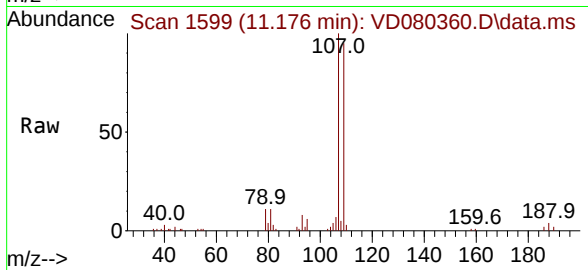
ClientSampleId :

Tgt Ion:107 Resp: 49939

Ion Ratio Lower Upper

107 100

109 93.9 73.9 110.9



#62

4-Bromofluorobenzene

Concen: 52.439 ug/l

RT: 12.570 min Scan# 1836

Delta R.T. 0.001 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

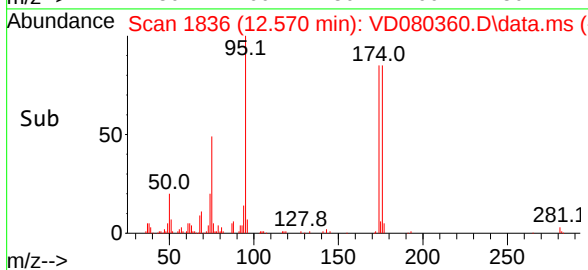
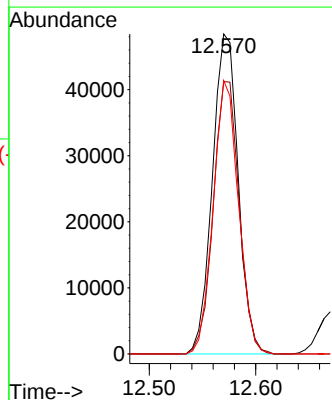
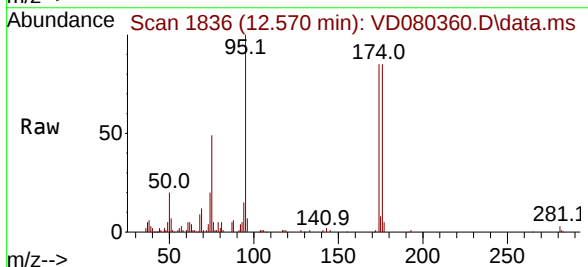
Tgt Ion: 95 Resp: 81382

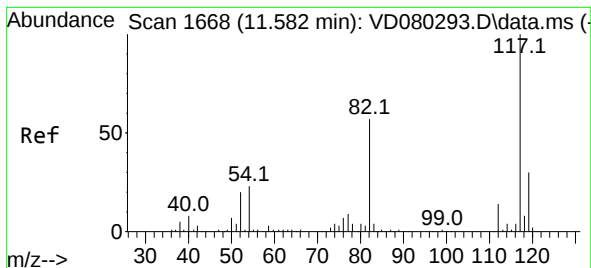
Ion Ratio Lower Upper

95 100

174 85.3 0.0 173.4

176 83.6 0.0 166.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.582 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

Instrument :

MSVOA_D

ClientSampleId :

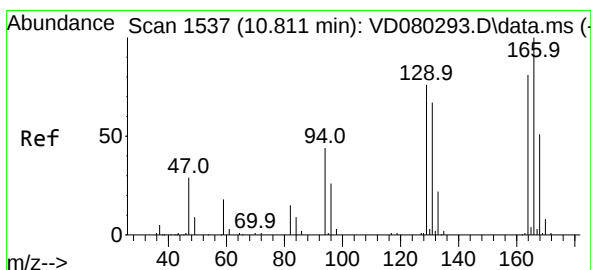
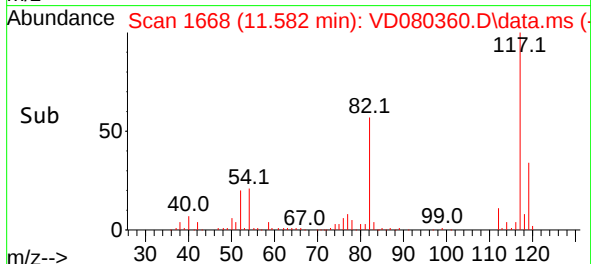
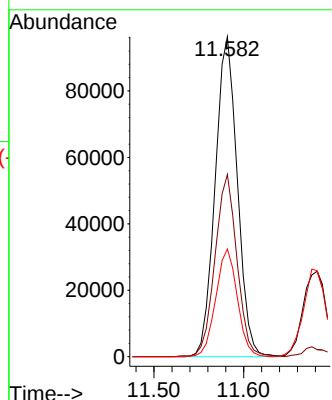
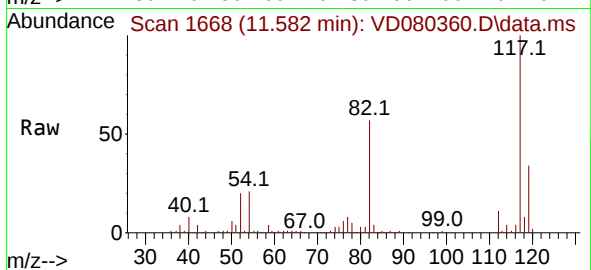
Tgt Ion:117 Resp: 165433

Ion Ratio Lower Upper

117 100

82 56.8 45.8 68.6

119 33.7 26.2 39.2



#64

Tetrachloroethene

Concen: 54.416 ug/l

RT: 10.805 min Scan# 1536

Delta R.T. -0.005 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

Tgt Ion:164 Resp: 60961

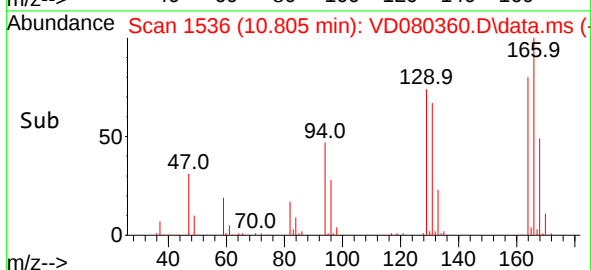
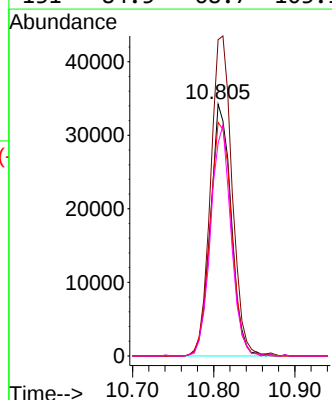
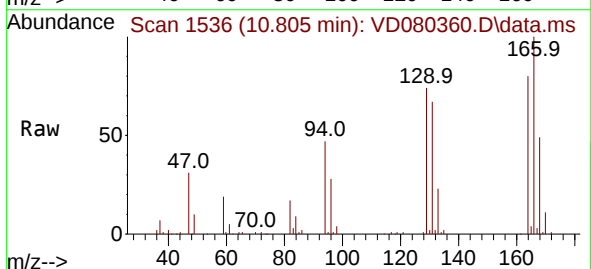
Ion Ratio Lower Upper

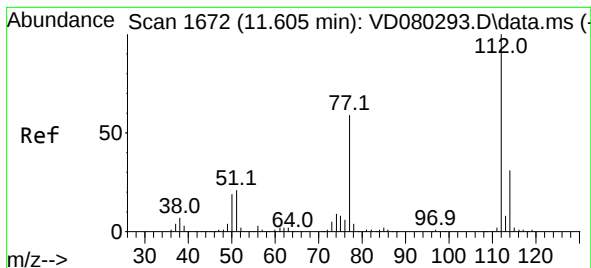
164 100

166 125.6 97.5 146.3

129 92.7 70.6 106.0

131 84.5 68.7 103.1

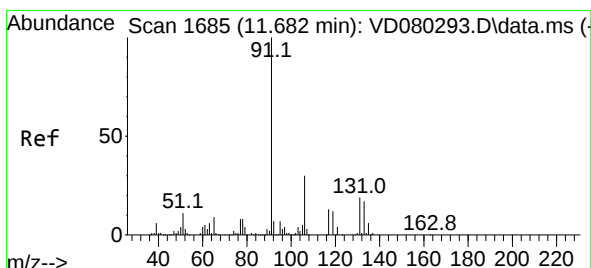
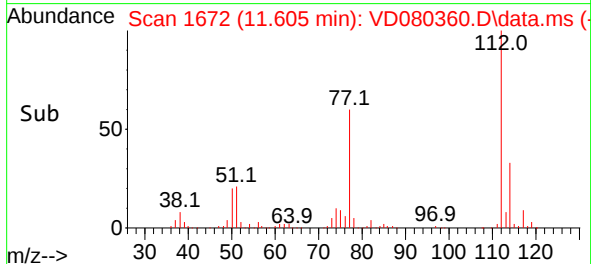
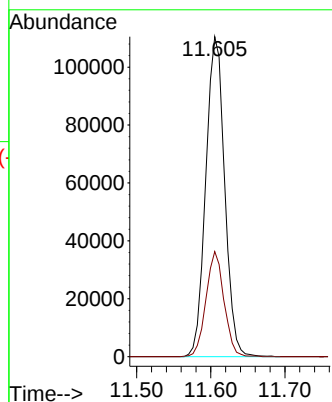
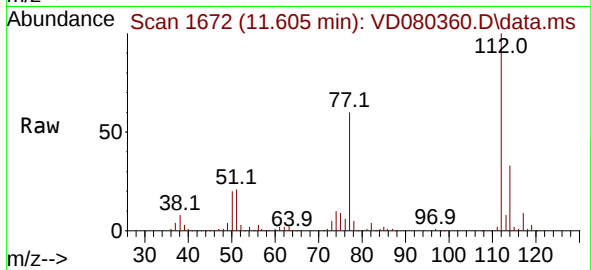




#65
Chlorobenzene
Concen: 52.278 ug/l
RT: 11.605 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

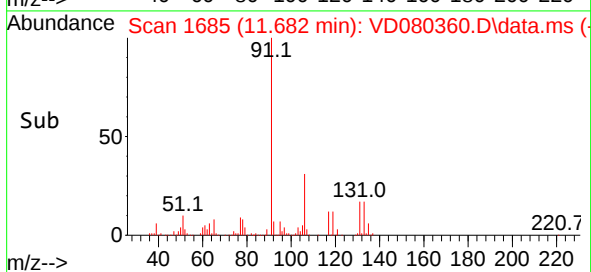
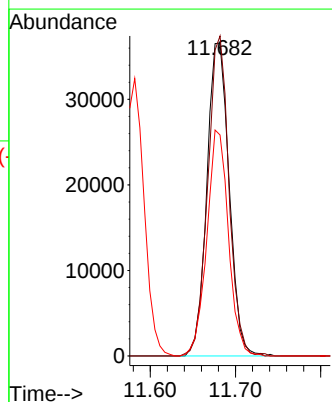
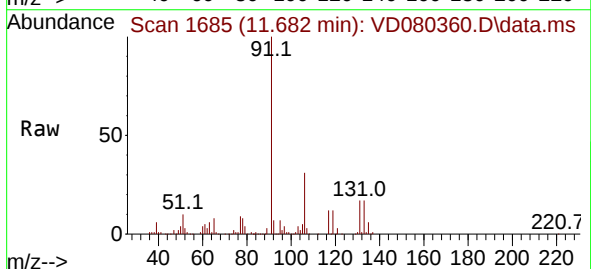
Instrument :
MSVOA_D
ClientSampleId :

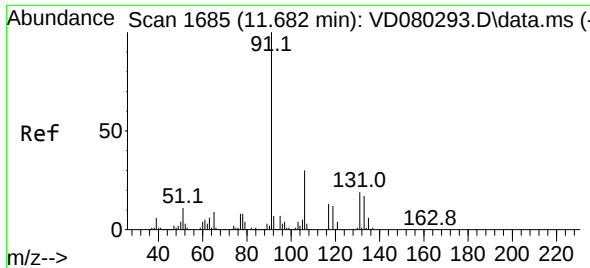
Tgt Ion:112 Resp: 195279
Ion Ratio Lower Upper
112 100
114 32.9 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.690 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion:131 Resp: 66336
Ion Ratio Lower Upper
131 100
133 97.7 48.8 146.4
119 70.1 34.8 104.3

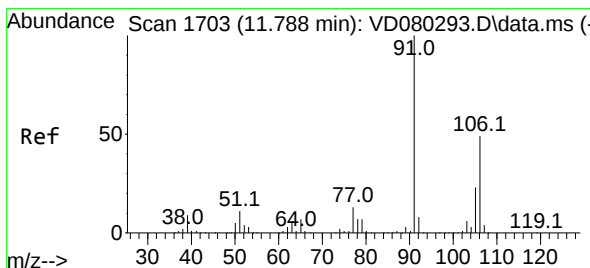
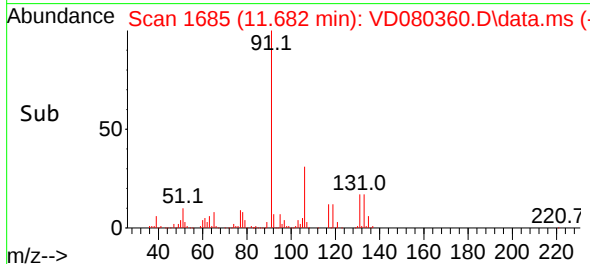
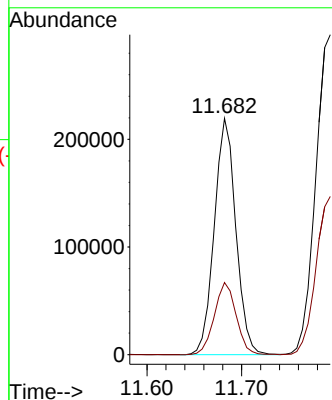
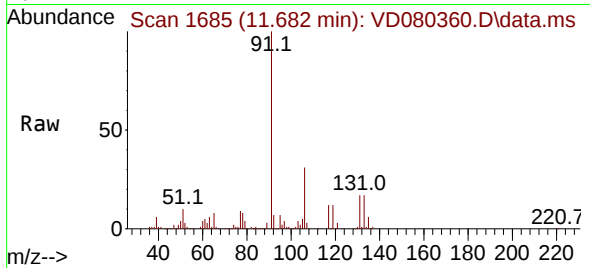




#67
Ethyl Benzene
Concen: 55.604 ug/l
RT: 11.682 min Scan# 1
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

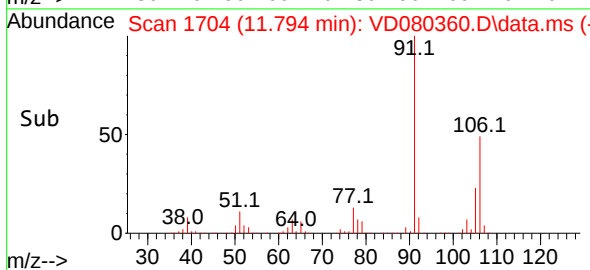
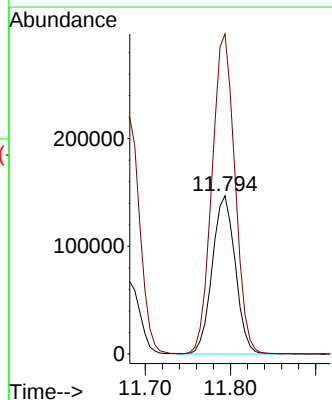
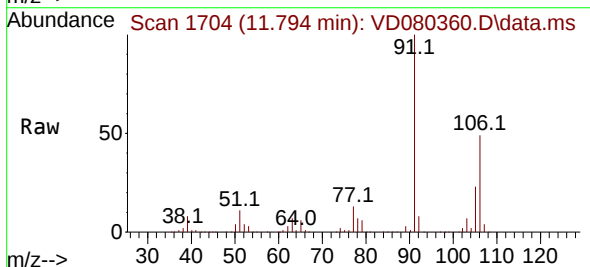
Instrument :
MSVOA_D
ClientSampleId :

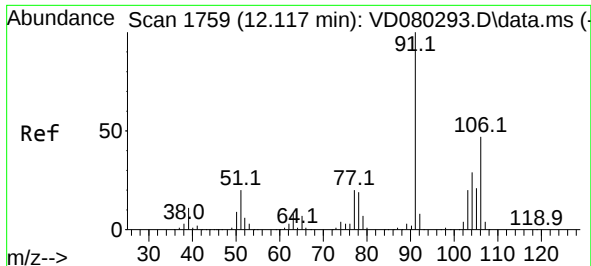
Tgt Ion: 91 Resp: 347098
Ion Ratio Lower Upper
91 100
106 30.6 23.6 35.4



#68
m/p-Xylenes
Concen: 113.884 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion: 106 Resp: 276031
Ion Ratio Lower Upper
106 100
91 201.4 162.6 244.0





#69

o-Xylene

Concen: 55.255 ug/l

RT: 12.123 min Scan# 1

Delta R.T. 0.007 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

Instrument :

MSVOA_D

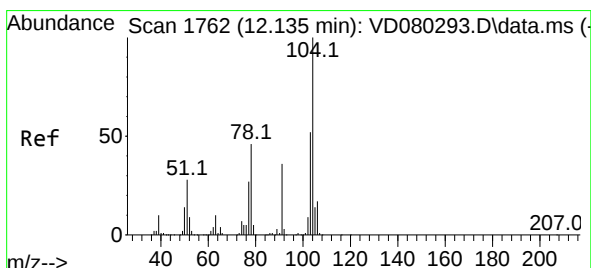
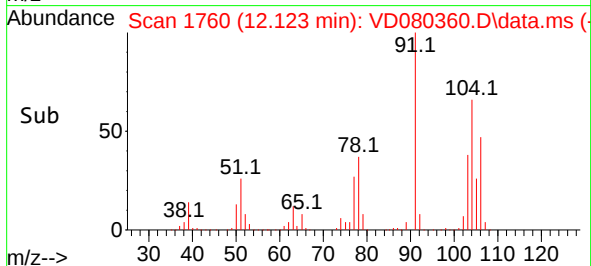
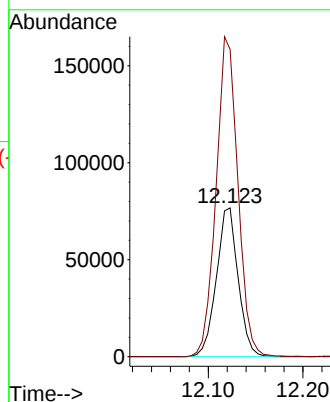
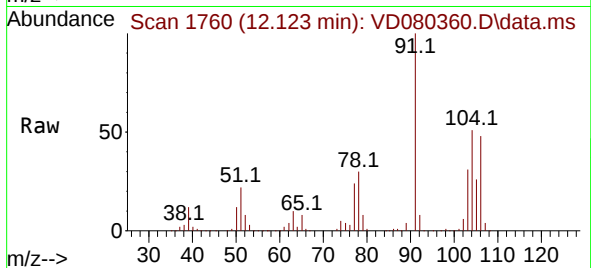
ClientSampleId :

Tgt Ion:106 Resp: 122381

Ion Ratio Lower Upper

106 100

91 216.0 110.5 331.5



#70

Styrene

Concen: 54.841 ug/l

RT: 12.135 min Scan# 1762

Delta R.T. 0.001 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

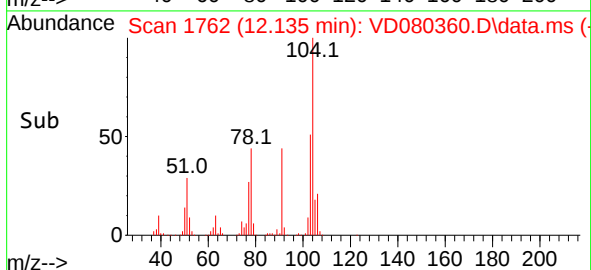
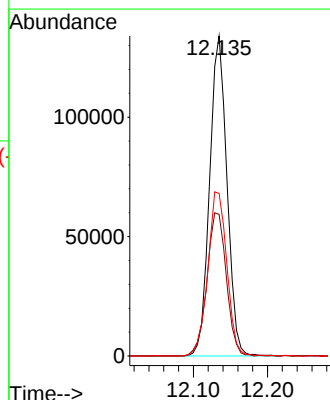
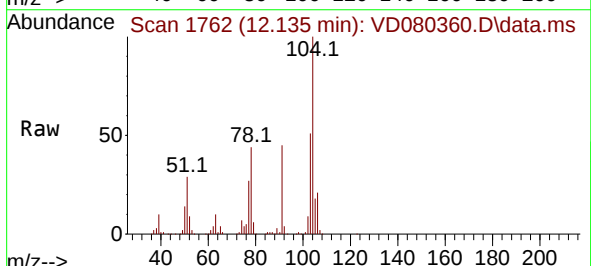
Tgt Ion:104 Resp: 218105

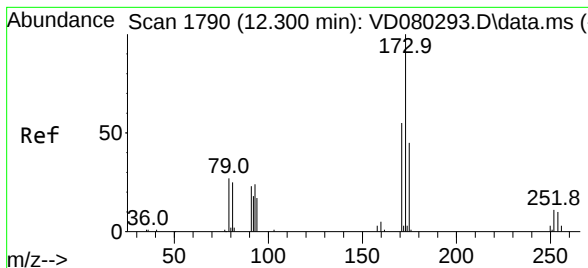
Ion Ratio Lower Upper

104 100

78 50.0 39.8 59.8

103 56.5 45.2 67.8





#71

Bromoform

Concen: 50.894 ug/l

RT: 12.299 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

Instrument :

MSVOA_D

ClientSampleId :

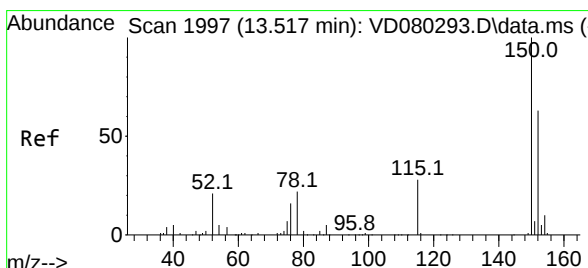
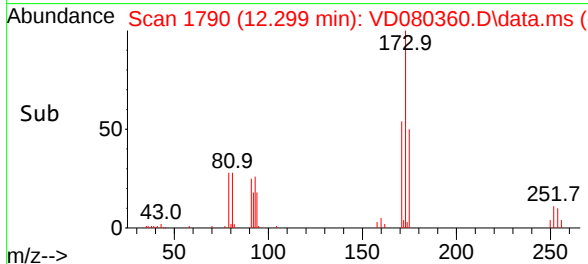
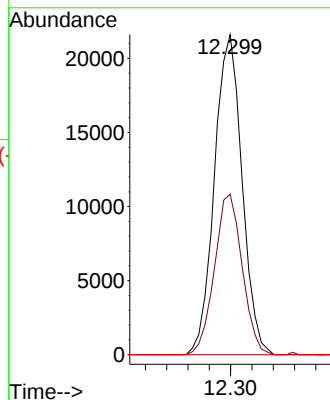
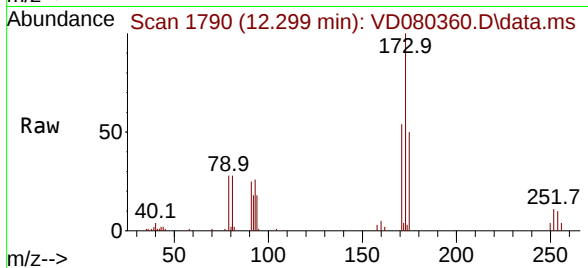
Tgt Ion:173 Resp: 38805

Ion Ratio Lower Upper

173 100

175 50.4 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: VD080360.D

Acq: 16 May 2025 09:59

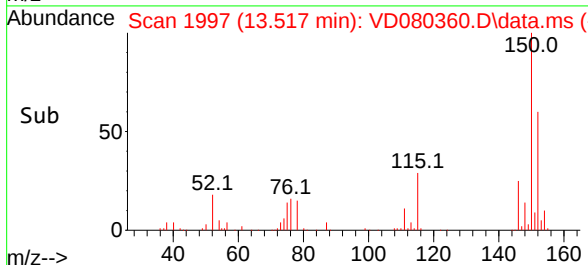
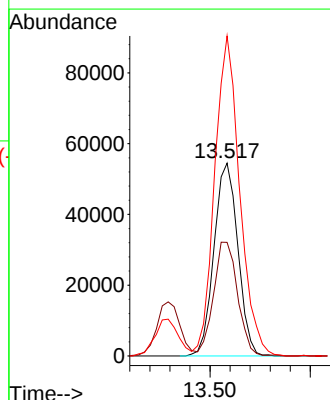
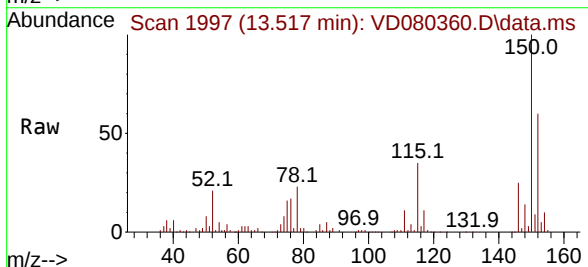
Tgt Ion:152 Resp: 89926

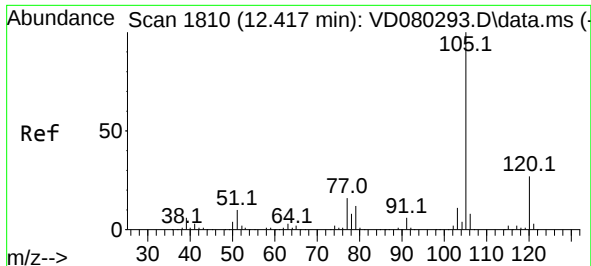
Ion Ratio Lower Upper

152 100

115 59.5 28.9 86.8

150 174.1 0.0 354.8

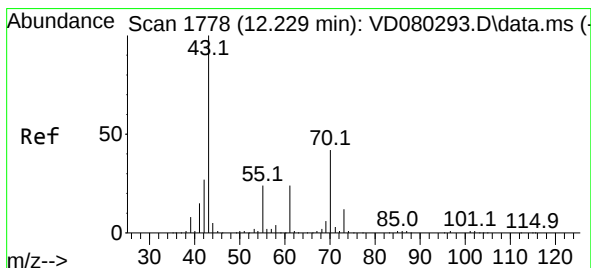
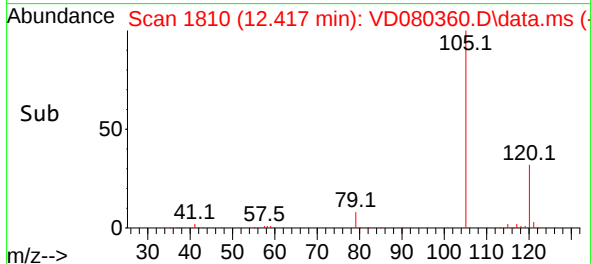
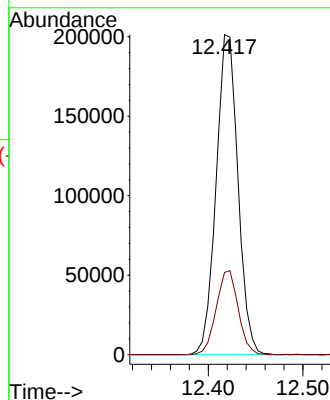
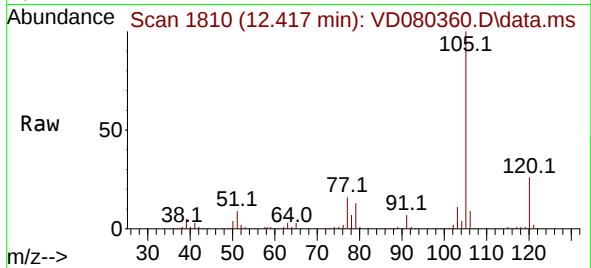




#73
Isopropylbenzene
Concen: 55.374 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.005 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

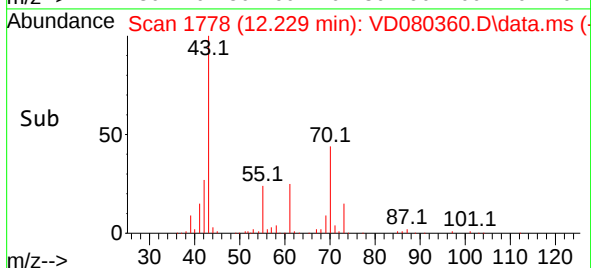
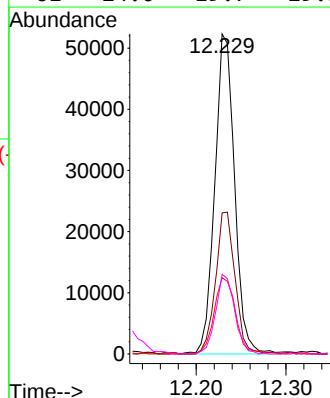
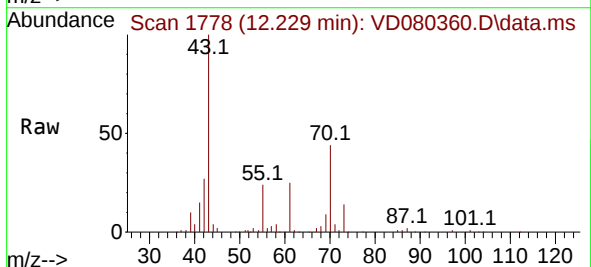
Instrument :
MSVOA_D
ClientSampleId :

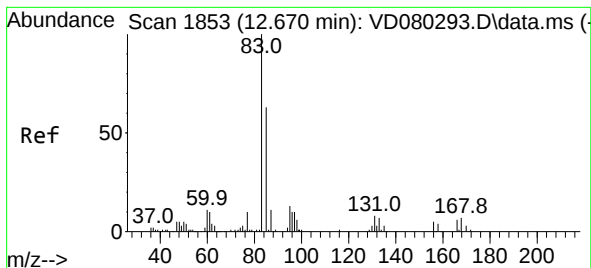
Tgt Ion:105 Resp: 323015
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9



#74
N-ethyl acetate
Concen: 47.840 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.005 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion: 43 Resp: 80095
Ion Ratio Lower Upper
43 100
70 43.8 36.3 54.5
55 26.0 20.3 30.5
61 24.0 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.439 ug/l

RT: 12.670 min Scan# 1853

Delta R.T. 0.001 min

Lab File: VD080360.D

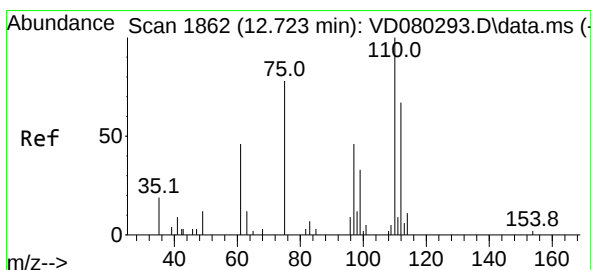
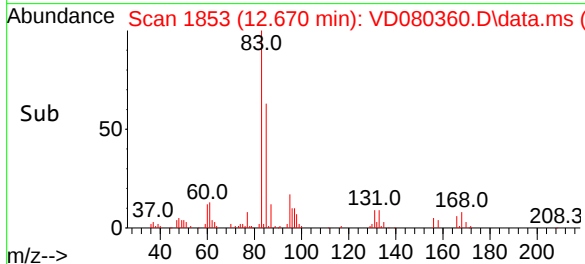
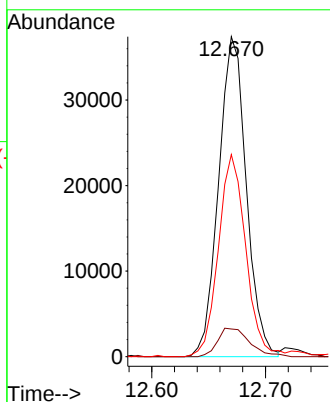
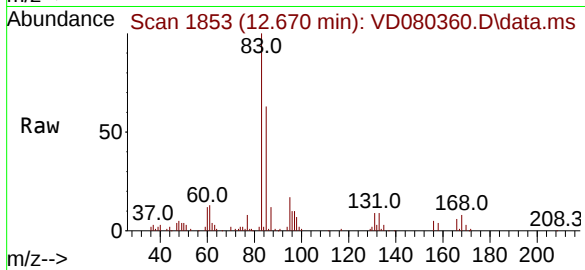
Acq: 16 May 2025 09:59

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	63420
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	62.4	32.9	98.6



#76

1,2,3-Trichloropropane

Concen: 90.629 ug/l

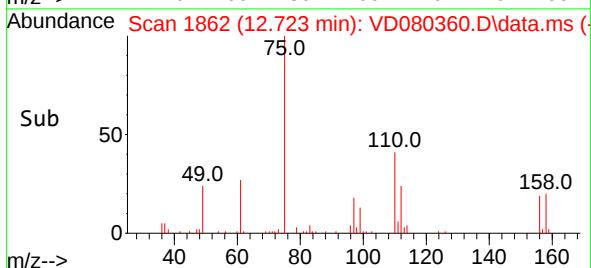
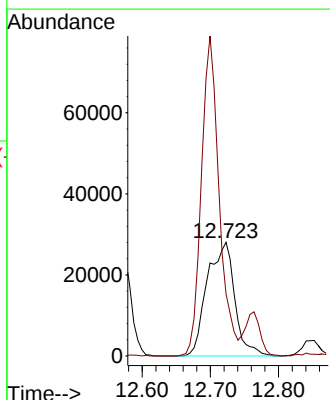
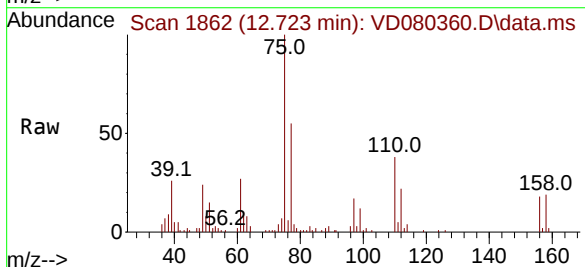
RT: 12.723 min Scan# 1862

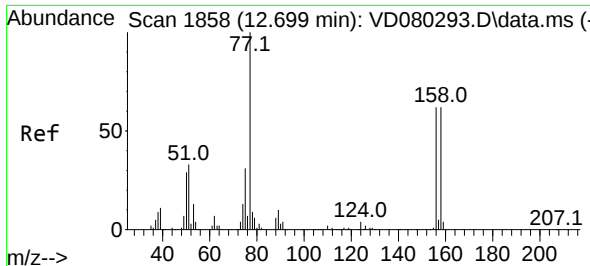
Delta R.T. 0.001 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

Tgt Ion:	75	Resp:	78657
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

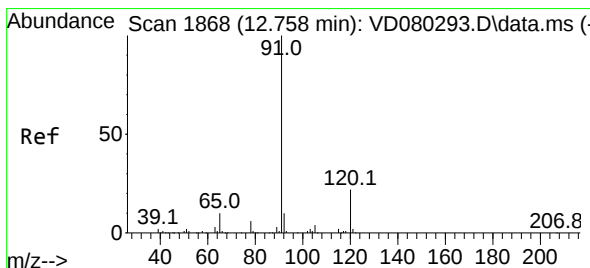
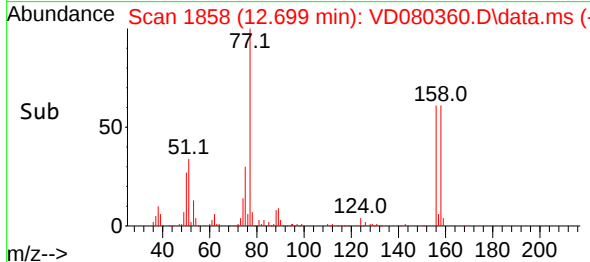
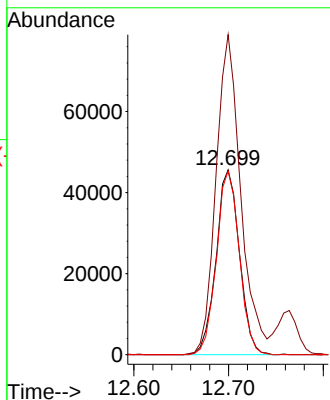
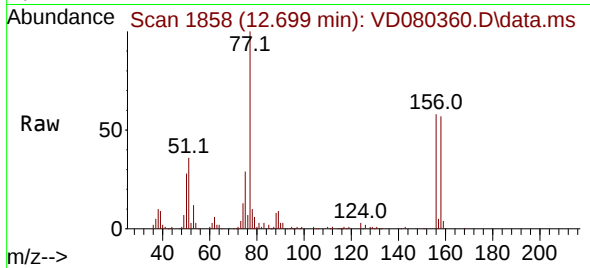




#77
Bromobenzene
Concen: 51.712 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

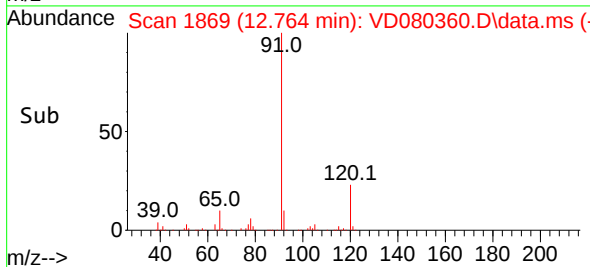
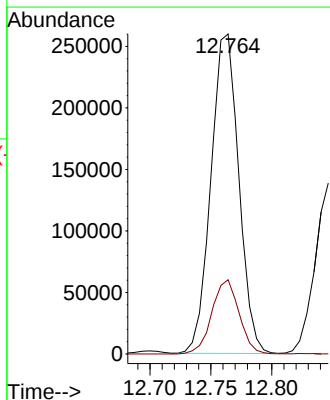
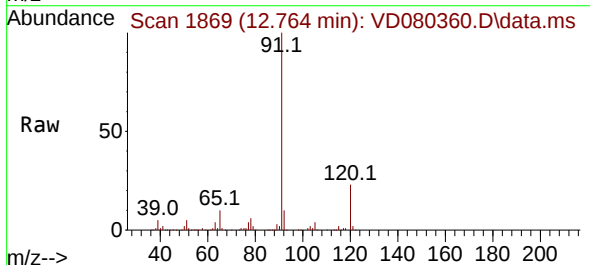
Instrument :
MSVOA_D
ClientSampleId :

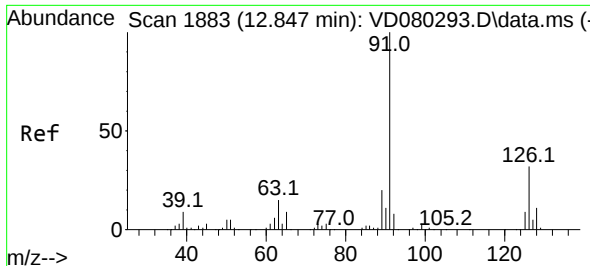
Tgt Ion:156 Resp: 78246
Ion Ratio Lower Upper
156 100
77 183.3 89.8 269.6
158 96.9 47.9 143.8



#78
n-propylbenzene
Concen: 56.432 ug/l
RT: 12.764 min Scan# 1869
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion: 91 Resp: 413105
Ion Ratio Lower Upper
91 100
120 22.7 11.2 33.5

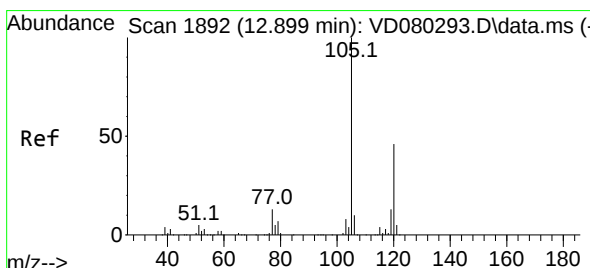
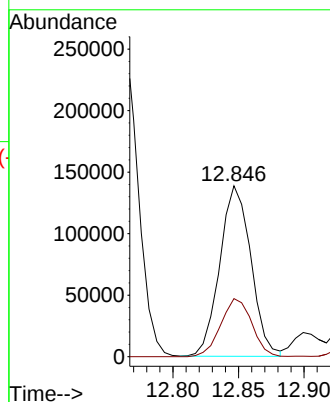
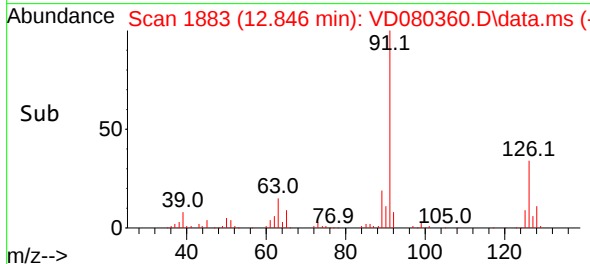
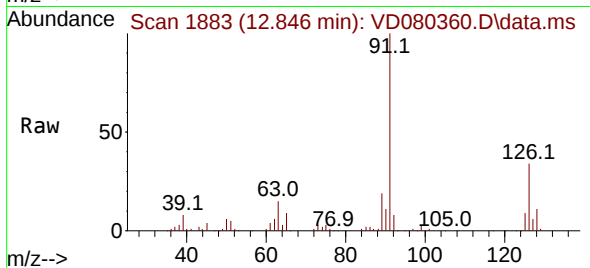




#79
2-Chlorotoluene
Concen: 53.874 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

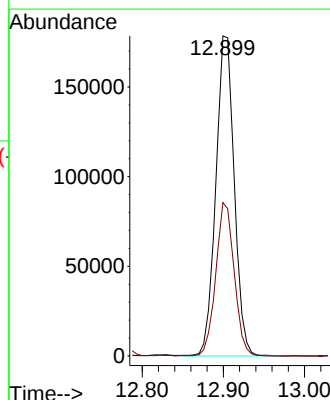
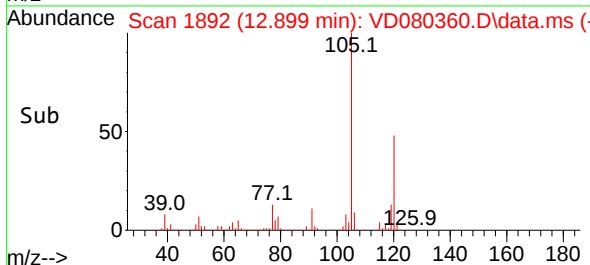
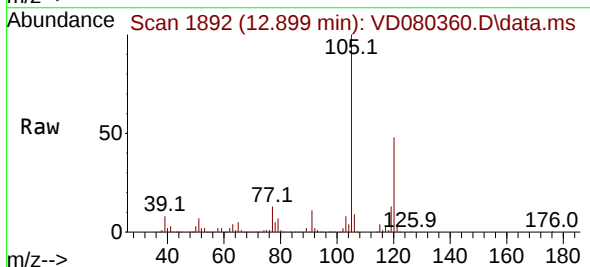
Instrument :
MSVOA_D
ClientSampleId :

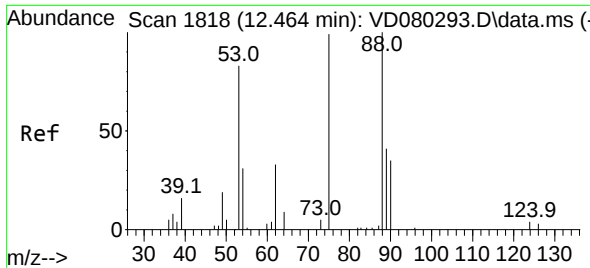
Tgt Ion: 91 Resp: 229400
Ion Ratio Lower Upper
91 100
126 33.9 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 56.691 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.005 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion:105 Resp: 282060
Ion Ratio Lower Upper
105 100
120 47.8 25.0 75.0

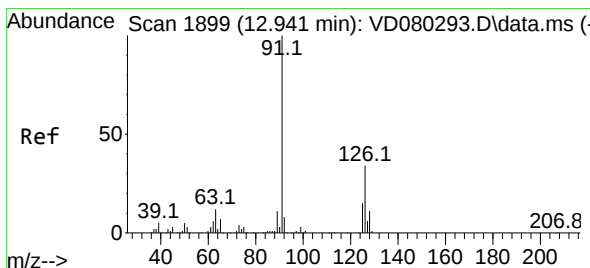
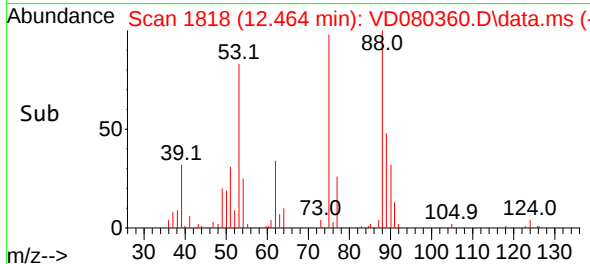
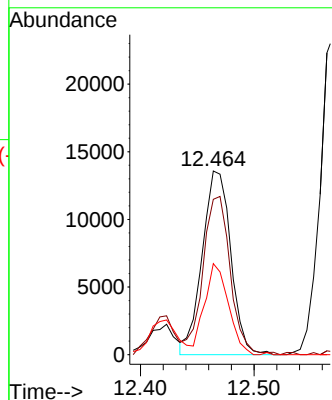
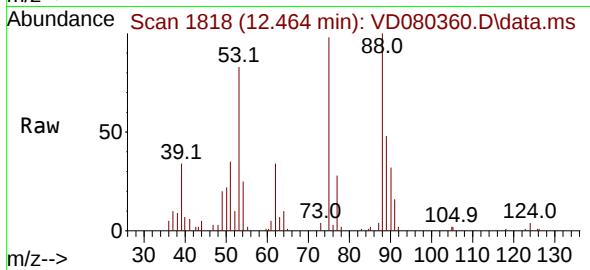




#81
trans-1,4-Dichloro-2-butene
Concen: 52.006 ug/l
RT: 12.464 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

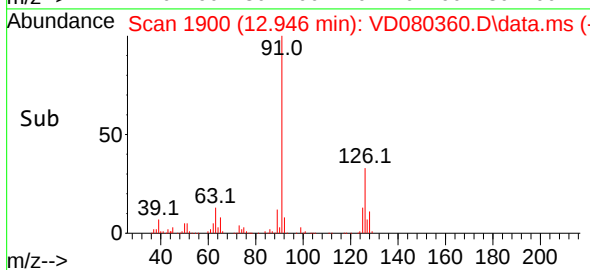
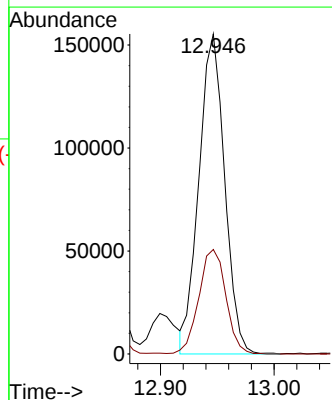
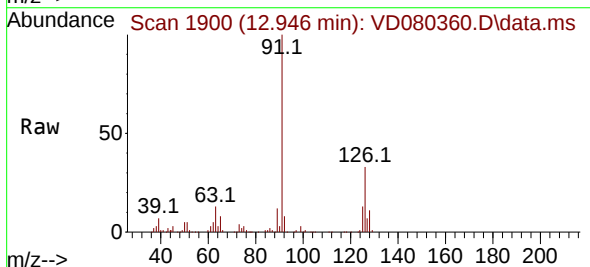
Instrument :
MSVOA_D
ClientSampleId :

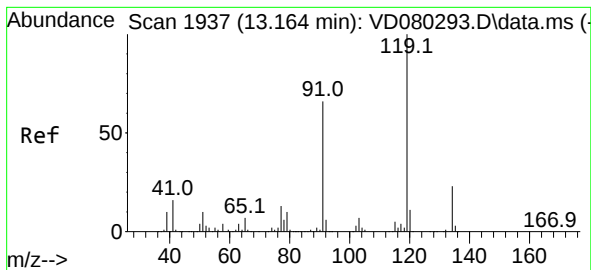
Tgt Ion: 75 Resp: 23779
Ion Ratio Lower Upper
75 100
53 82.8 68.7 103.1
89 41.0 36.1 54.1



#82
4-Chlorotoluene
Concen: 53.180 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion: 91 Resp: 244436
Ion Ratio Lower Upper
91 100
126 34.3 16.8 50.3

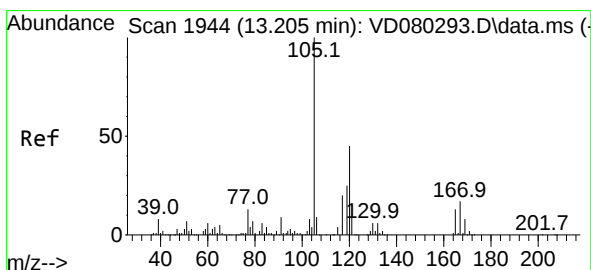
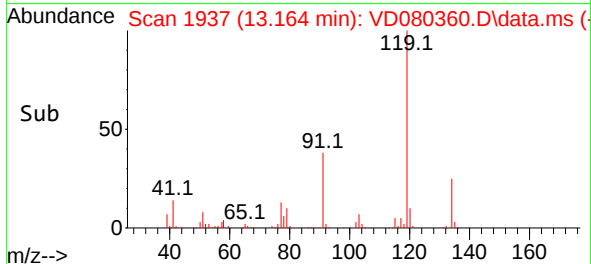
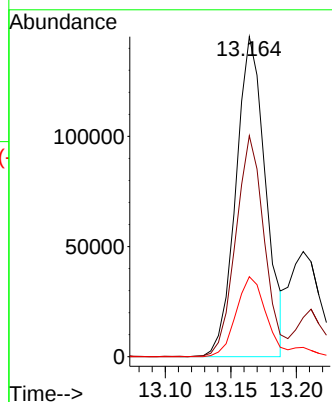
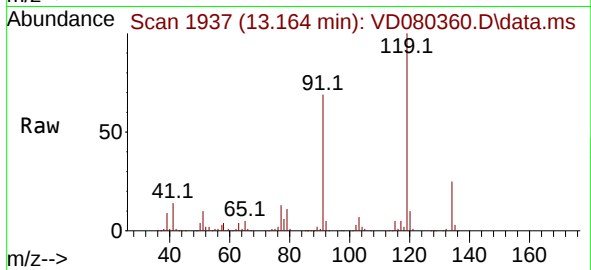




#83
tert-Butylbenzene
Concen: 55.230 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

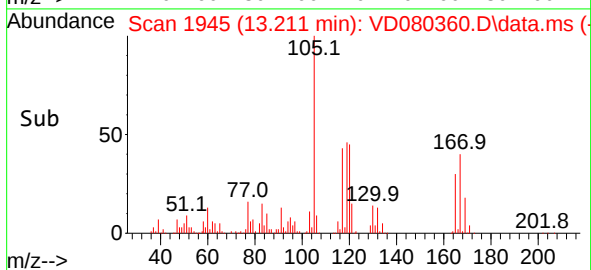
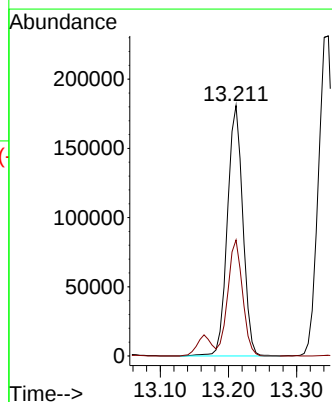
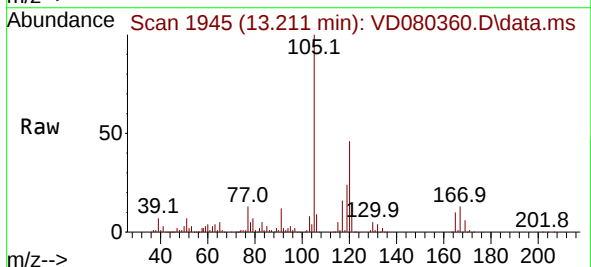
Instrument :
MSVOA_D
ClientSampleId :

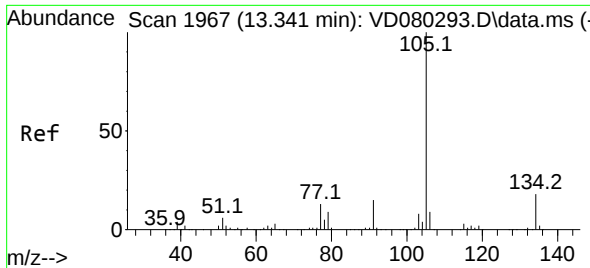
Tgt Ion:119 Resp: 229307
Ion Ratio Lower Upper
119 100
91 66.9 33.3 99.9
134 25.1 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 55.818 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion:105 Resp: 284149
Ion Ratio Lower Upper
105 100
120 44.4 22.8 68.4

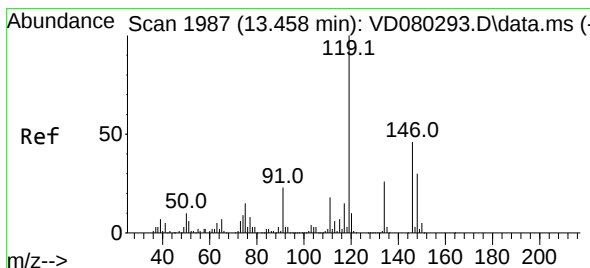
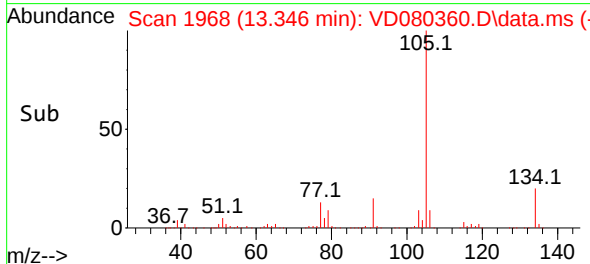
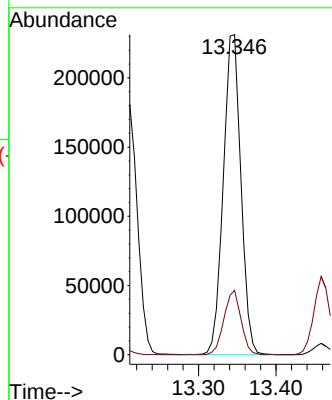
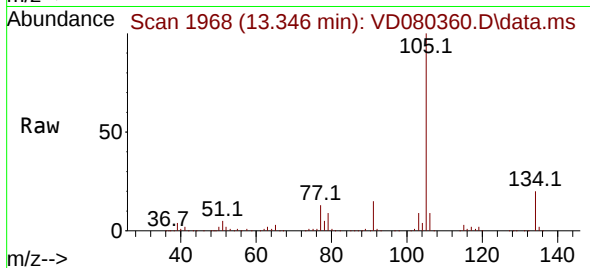




#85
 sec-Butylbenzene
 Concen: 57.104 ug/l
 RT: 13.346 min Scan# 1968
 Delta R.T. 0.006 min
 Lab File: VD080360.D
 Acq: 16 May 2025 09:59

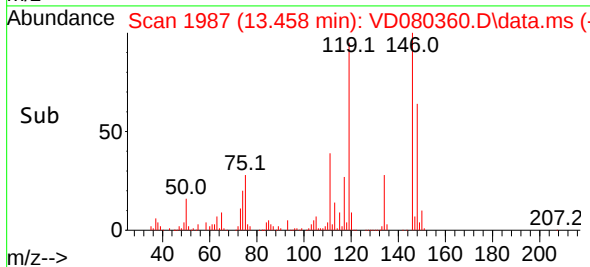
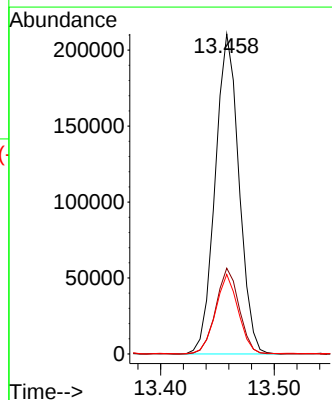
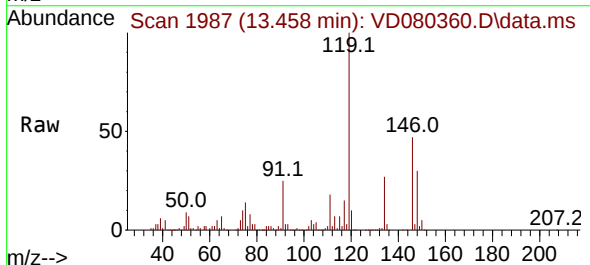
Instrument :
 MSVOA_D
 ClientSampleId :

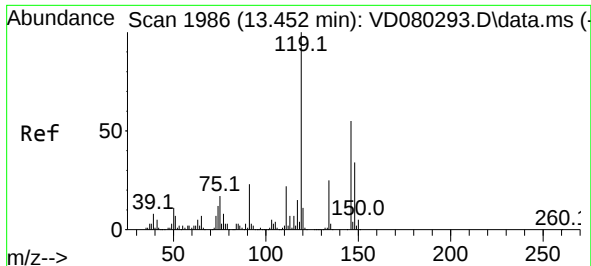
Tgt Ion:105 Resp: 365609
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 57.064 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.001 min
 Lab File: VD080360.D
 Acq: 16 May 2025 09:59

Tgt Ion:119 Resp: 307057
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 23.9 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 52.102 ug/l

RT: 13.458 min Scan# 1986

Delta R.T. 0.001 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

Instrument :

MSVOA_D

ClientSampleId :

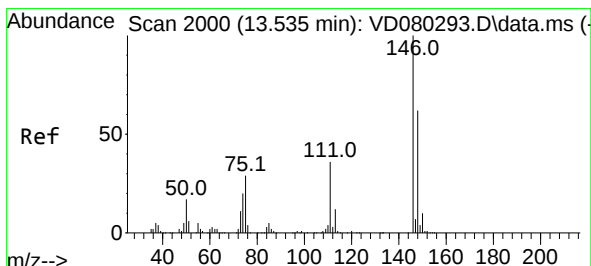
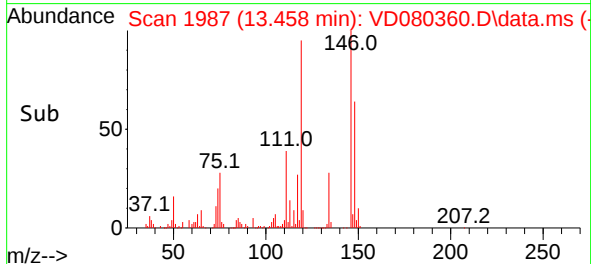
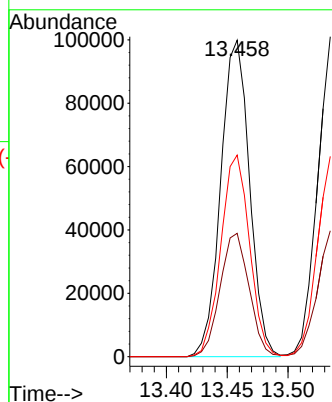
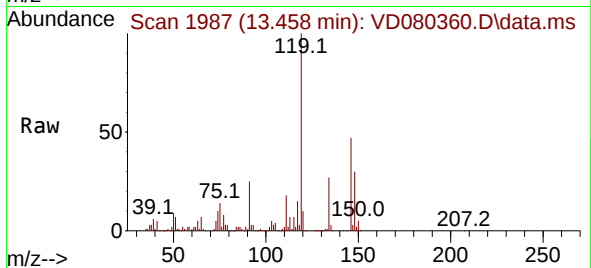
Tgt Ion:146 Resp: 164410

Ion Ratio Lower Upper

146 100

111 39.4 20.0 59.9

148 63.7 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 50.667 ug/l

RT: 13.535 min Scan# 2000

Delta R.T. 0.001 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

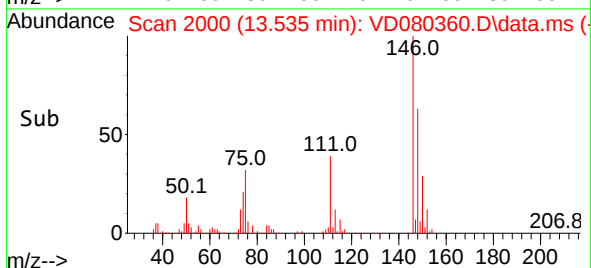
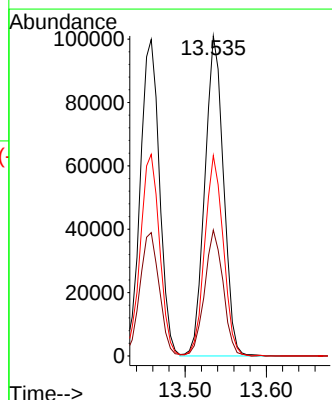
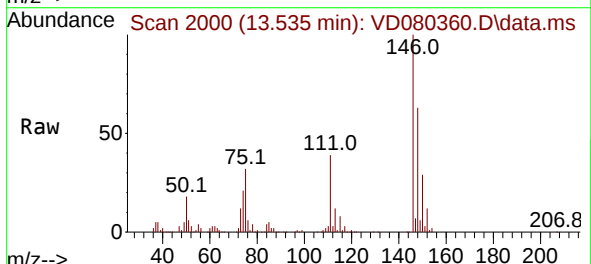
Tgt Ion:146 Resp: 161181

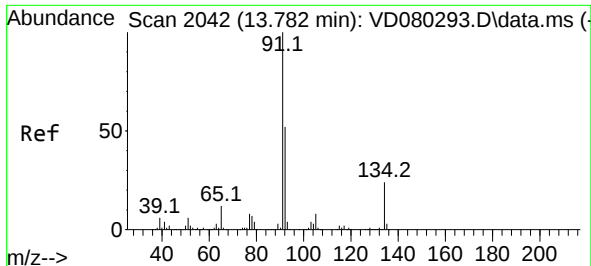
Ion Ratio Lower Upper

146 100

111 38.9 19.3 57.8

148 62.4 32.9 98.7

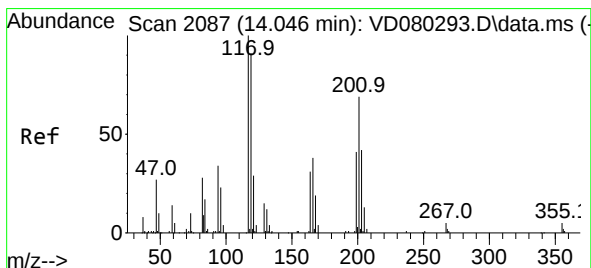
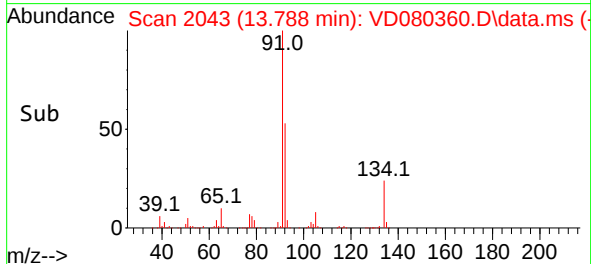
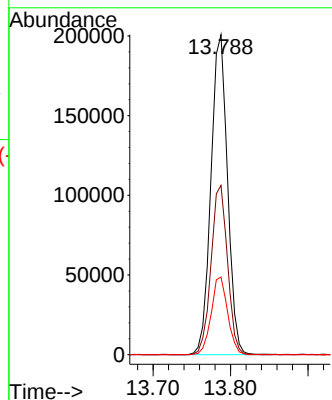
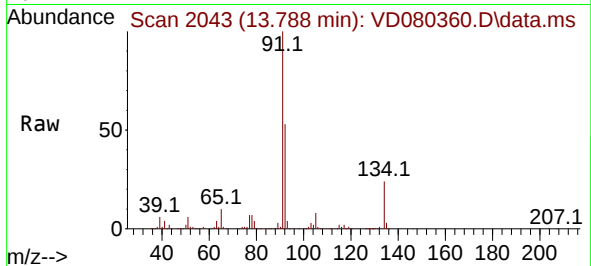




#89
n-Butylbenzene
Concen: 57.069 ug/l
RT: 13.788 min Scan# 2042
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

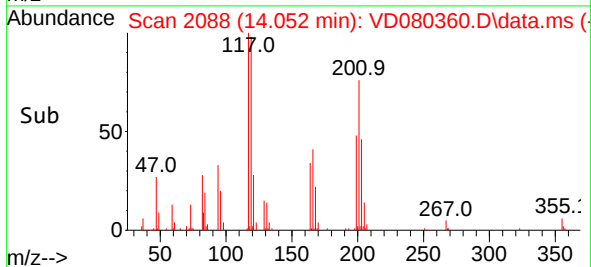
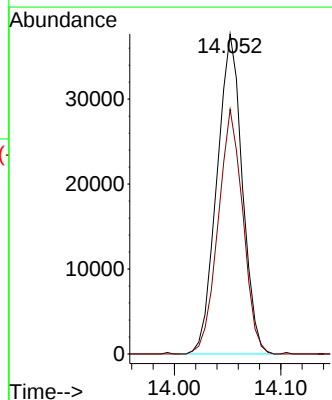
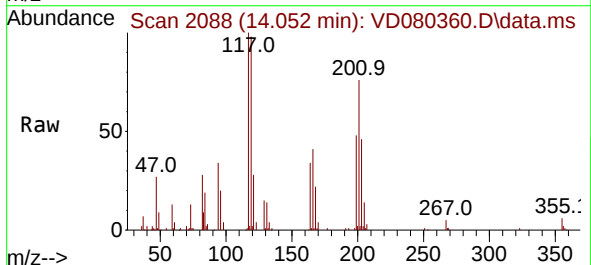
Instrument :
MSVOA_D
ClientSampleId :

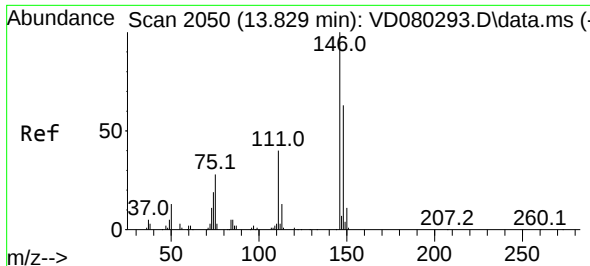
Tgt Ion: 91 Resp: 298099
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 24.2 12.3 36.8



#90
Hexachloroethane
Concen: 52.257 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion: 117 Resp: 62217
Ion Ratio Lower Upper
117 100
201 74.7 37.5 112.5

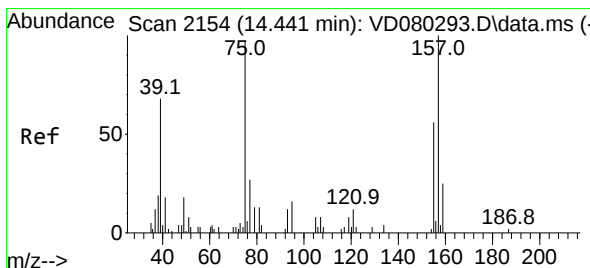
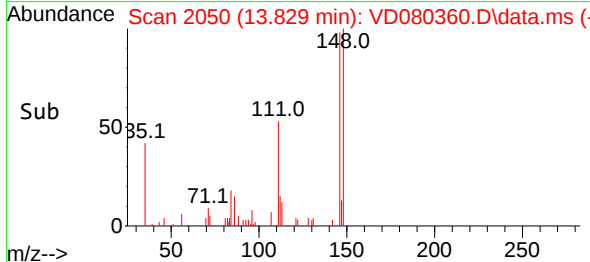
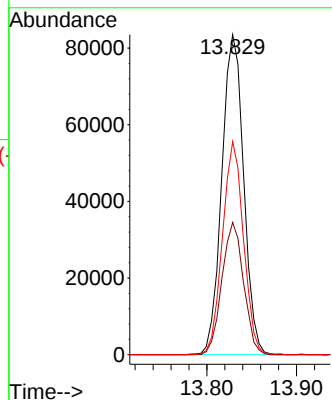
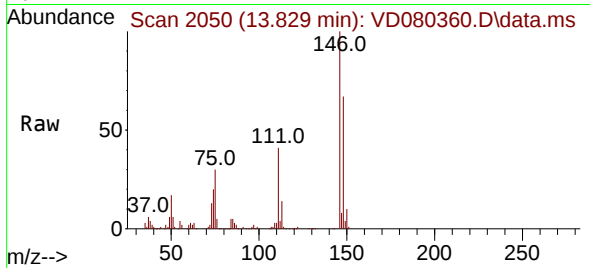




#91
 1,2-Dichlorobenzene
 Concen: 51.438 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.001 min
 Lab File: VD080360.D
 Acq: 16 May 2025 09:59

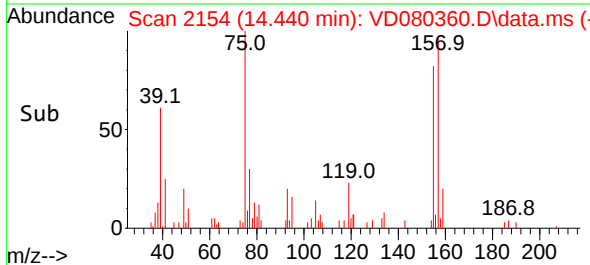
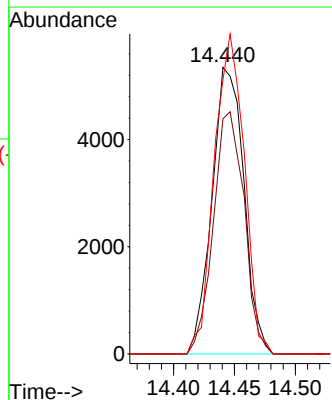
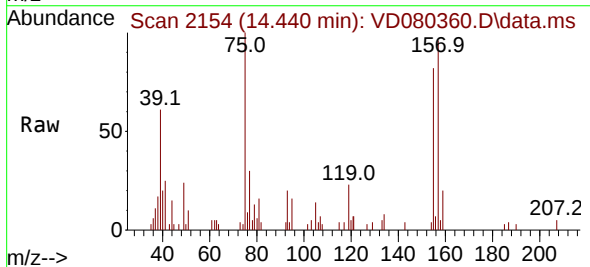
Instrument :
 MSVOA_D
 ClientSampleId :

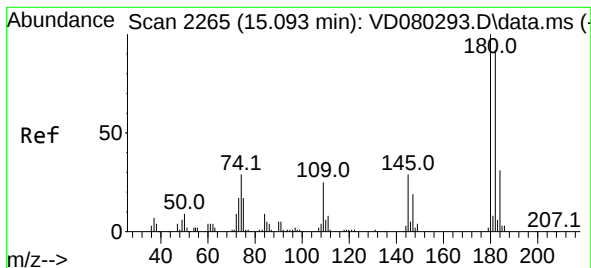
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.8
148	64.1	32.7	98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.631 ug/l
 RT: 14.440 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: VD080360.D
 Acq: 16 May 2025 09:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.5	40.6	122.0
157	105.4	53.3	159.9





#93

1,2,4-Trichlorobenzene

Concen: 51.473 ug/l

RT: 15.099 min Scan# 2266

Delta R.T. 0.001 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

Instrument :

MSVOA_D

ClientSampleId :

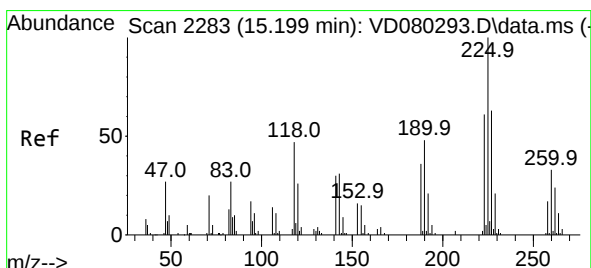
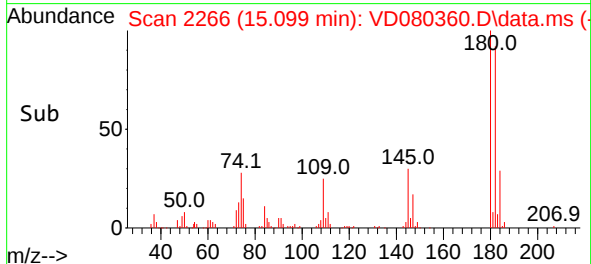
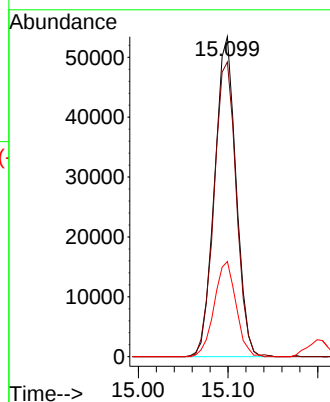
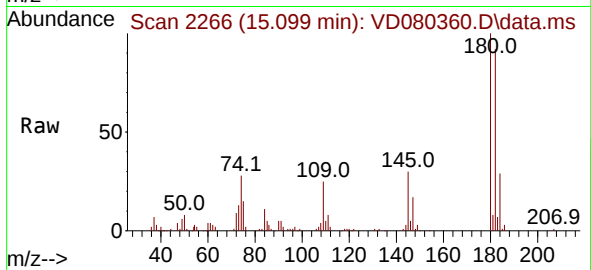
Tgt Ion:180 Resp: 88734

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.2

145 30.2 14.7 44.1



#94

Hexachlorobutadiene

Concen: 53.441 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. 0.001 min

Lab File: VD080360.D

Acq: 16 May 2025 09:59

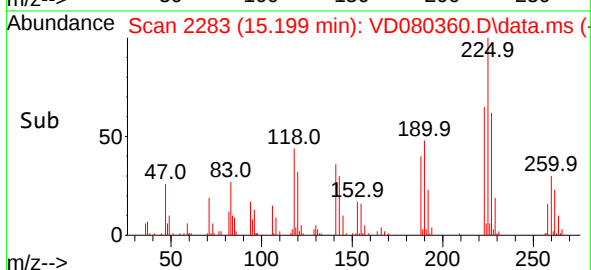
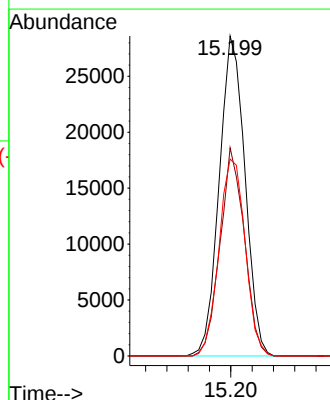
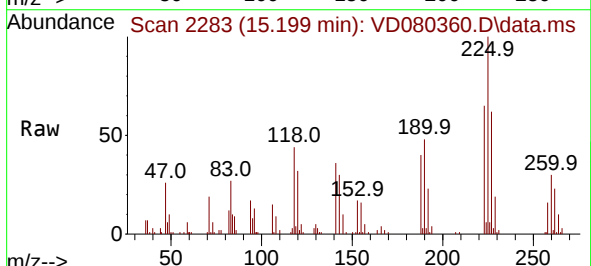
Tgt Ion:225 Resp: 47929

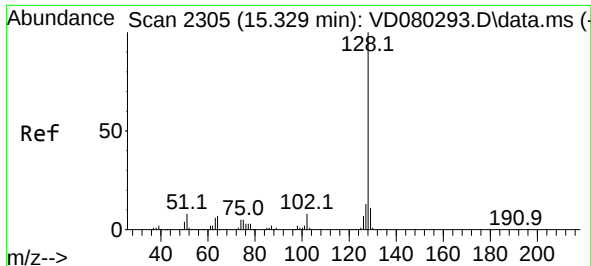
Ion Ratio Lower Upper

225 100

223 61.4 31.5 94.5

227 62.6 30.9 92.5

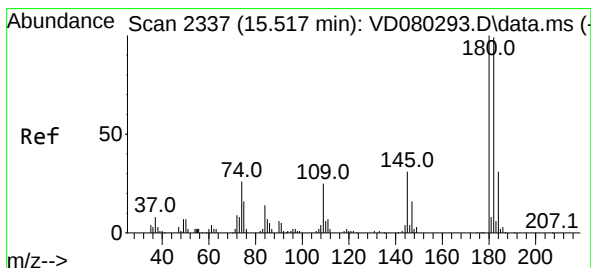
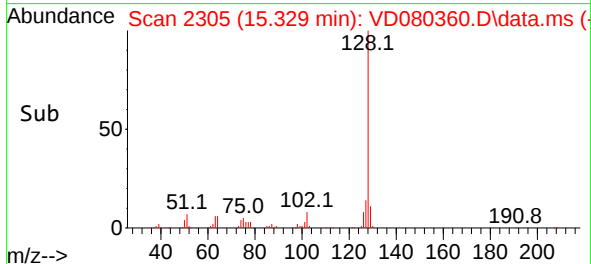
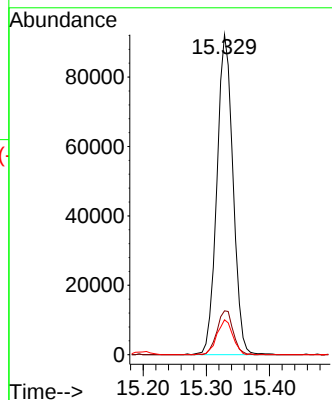
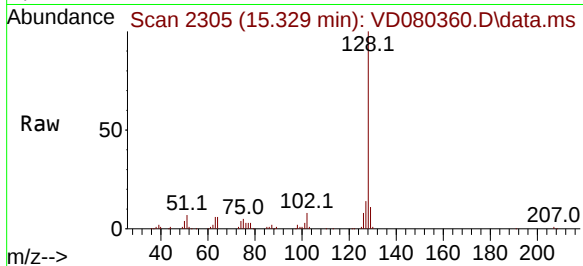




#95
Naphthalene
Concen: 50.376 ug/l
RT: 15.329 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 163061
Ion Ratio Lower Upper
128 100
127 13.7 11.8 17.8
129 10.9 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 51.283 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. 0.001 min
Lab File: VD080360.D
Acq: 16 May 2025 09:59

Tgt Ion:180 Resp: 79068
Ion Ratio Lower Upper
180 100
182 96.7 47.5 142.6
145 31.6 15.7 47.0

