

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060425\
 Data File : VD080404.D
 Acq On : 04 Jun 2025 09:03
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Jun 05 01:57:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060425S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 05 01:47:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	151035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	266869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	209324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	105500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.235	65	19599	10.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.380%#
35) Dibromofluoromethane	7.805	113	16675	9.998	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.000%#
50) Toluene-d8	10.270	98	65291	10.020	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	20.040%#
62) 4-Bromofluorobenzene	12.570	95	15660	7.653	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	15.300%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	18595	11.312	ug/l	100
3) Chloromethane	2.153	50	32917	11.345	ug/l	100
4) Vinyl Chloride	2.288	62	36445	11.194	ug/l	99
5) Bromomethane	2.694	94	23862	11.669	ug/l	93
6) Chloroethane	2.841	64	24298	11.533	ug/l	98
7) Trichlorofluoromethane	3.176	101	31698	10.777	ug/l	95
8) Diethyl Ether	3.606	74	10351	10.644	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.970	101	18922	10.818	ug/l	98
10) Methyl Iodide	4.159	142	16338	9.176	ug/l	99
11) Tert butyl alcohol	5.059	59	3556	31.039	ug/l #	64
12) 1,1-Dichloroethene	3.941	96	18912	10.561	ug/l	97
13) Acrolein	3.794	56	9646	55.201	ug/l	100
14) Allyl chloride	4.564	41	31439	10.408	ug/l	96
15) Acrylonitrile	5.259	53	23628	53.126	ug/l	99
16) Acetone	4.029	43	23298	62.241	ug/l	100
17) Carbon Disulfide	4.270	76	67027	10.753	ug/l	100
18) Methyl Acetate	4.564	43	13144	10.676	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	38811	9.690	ug/l	99
20) Methylene Chloride	4.800	84	24931	11.409	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	20125	10.410	ug/l	89
22) Diisopropyl ether	6.217	45	59685	9.994	ug/l	96
23) Vinyl Acetate	6.159	43	168013	48.626	ug/l	97
24) 1,1-Dichloroethane	6.106	63	38428	10.639	ug/l #	98
25) 2-Butanone	7.082	43	28888	52.707	ug/l	94
26) 2,2-Dichloropropane	7.076	77	30818	10.715	ug/l	98
27) cis-1,2-Dichloroethene	7.082	96	21885	10.051	ug/l	97
28) Bromochloromethane	7.423	49	17024	10.652	ug/l	99
29) Tetrahydrofuran	7.453	42	17667	50.103	ug/l	98
30) Chloroform	7.600	83	37314	10.643	ug/l	96
31) Cyclohexane	7.882	56	33475	10.244	ug/l #	95
32) 1,1,1-Trichloroethane	7.794	97	30271	10.325	ug/l	93
36) 1,1-Dichloropropene	8.011	75	25725	9.842	ug/l	99
37) Ethyl Acetate	7.170	43	12538	9.789	ug/l	97
38) Carbon Tetrachloride	7.994	117	27460	10.393	ug/l	93
39) Methylcyclohexane	9.276	83	28027	9.052	ug/l	95
40) Benzene	8.252	78	80977	9.949	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	6628	8.402	ug/l #	80
42) 1,2-Dichloroethane	8.323	62	22647	10.221	ug/l	88
43) Isopropyl Acetate	8.364	43	23587	9.686	ug/l	98
44) Trichloroethene	9.029	130	19166	10.167	ug/l	96
45) 1,2-Dichloropropane	9.300	63	20346	10.151	ug/l	98
46) Dibromomethane	9.394	93	10370	9.719	ug/l	98
47) Bromodichloromethane	9.582	83	28011	10.336	ug/l	98
48) Methyl methacrylate	9.382	41	11303	9.464	ug/l #	92
49) 1,4-Dioxane	9.388	88	2446	205.496	ug/l #	84
51) 4-Methyl-2-Pentanone	10.158	43	60485	48.617	ug/l	100
52) Toluene	10.335	92	47389	10.011	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	23429	9.689	ug/l	95
54) cis-1,3-Dichloropropene	10.017	75	28935	9.887	ug/l	96
55) 1,1,2-Trichloroethane	10.729	97	14067	10.125	ug/l	96
56) Ethyl methacrylate	10.594	69	16245	9.199	ug/l	95
57) 1,3-Dichloropropane	10.876	76	24210	10.159	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.870	63	32369	43.736	ug/l	99
59) 2-Hexanone	10.917	43	38997	46.664	ug/l	98
60) Dibromochloromethane	11.070	129	16450	9.658	ug/l	94
61) 1,2-Dibromoethane	11.182	107	11728	9.463	ug/l	99
64) Tetrachloroethene	10.811	164	15381	10.944	ug/l	93
65) Chlorobenzene	11.605	112	45185	9.759	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.682	131	14925	9.601	ug/l	95
67) Ethyl Benzene	11.682	91	72644	9.117	ug/l	99
68) m/p-Xylenes	11.788	106	53266	17.617	ug/l	98
69) o-Xylene	12.117	106	25911	9.236	ug/l	92
70) Styrene	12.135	104	43812	8.848	ug/l	98
71) Bromoform	12.299	173	8174	9.302	ug/l #	96
73) Isopropylbenzene	12.417	105	60971	8.514	ug/l	96
74) N-amyl acetate	12.229	43	19228	9.617	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.670	83	13972	9.433	ug/l	97
76) 1,2,3-Trichloropropane	12.717	75	17835	14.638	ug/l #	100
77) Bromobenzene	12.699	156	15317	8.626	ug/l	92
78) n-propylbenzene	12.758	91	79910	8.593	ug/l	99
79) 2-Chlorotoluene	12.846	91	46539	8.753	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	52481	8.561	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.464	75	4958	9.110	ug/l	88
82) 4-Chlorotoluene	12.946	91	51430	9.086	ug/l	98
83) tert-Butylbenzene	13.158	119	43226	8.471	ug/l	99
84) 1,2,4-Trimethylbenzene	13.205	105	52959	8.559	ug/l	97
85) sec-Butylbenzene	13.340	105	69819	8.920	ug/l	99
86) p-Isopropyltoluene	13.458	119	64672	9.743	ug/l	98
87) 1,3-Dichlorobenzene	13.458	146	37055	10.247	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	39374	10.689	ug/l	96
89) n-Butylbenzene	13.782	91	62839	9.594	ug/l	97
90) Hexachloroethane	14.052	117	14567	10.434	ug/l	98
91) 1,2-Dichlorobenzene	13.823	146	30393	9.536	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.446	75	2737	11.409	ug/l	97
93) 1,2,4-Trichlorobenzene	15.093	180	16790	8.617	ug/l	99
94) Hexachlorobutadiene	15.199	225	8255	8.504	ug/l	95
95) Naphthalene	15.329	128	31276	8.340	ug/l	97
96) 1,2,3-Trichlorobenzene	15.517	180	15042	8.622	ug/l	97

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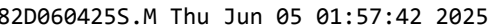
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MSVOA_D
ClientSampleId :
VSTDICC010

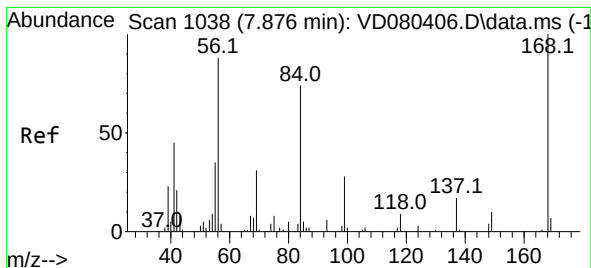
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

Instrument :

MSVOA_D

ClientSampleId :

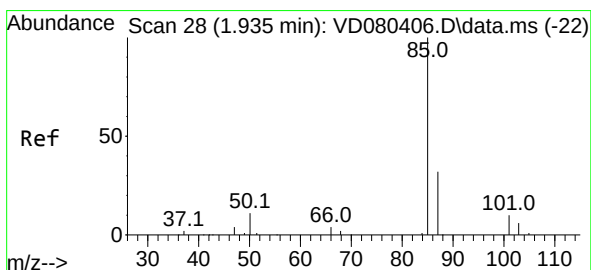
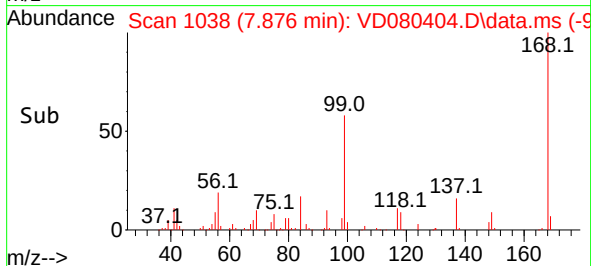
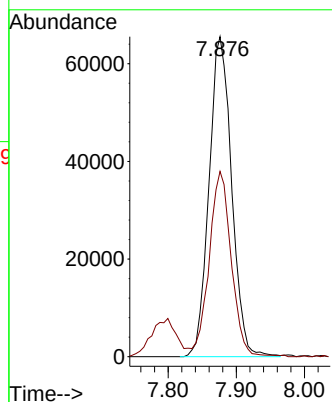
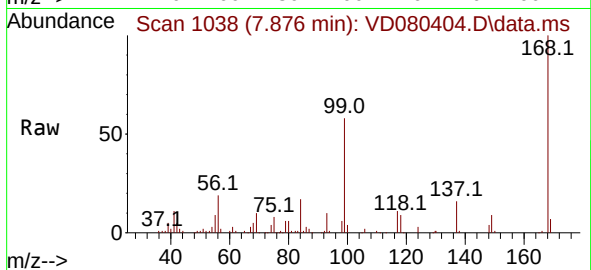
VSTDIC010

Tgt Ion:168 Resp: 151035

Ion Ratio Lower Upper

168 100

99 57.6 45.8 68.6



#2

Dichlorodifluoromethane

Concen: 11.312 ug/l

RT: 1.935 min Scan# 28

Delta R.T. 0.000 min

Lab File: VD080404.D

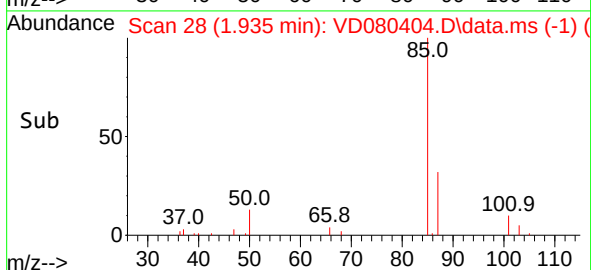
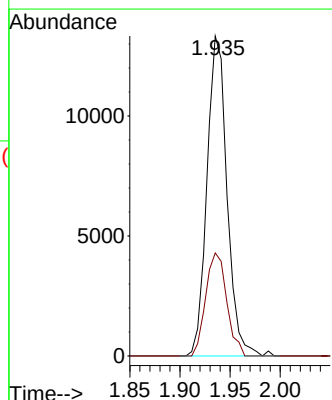
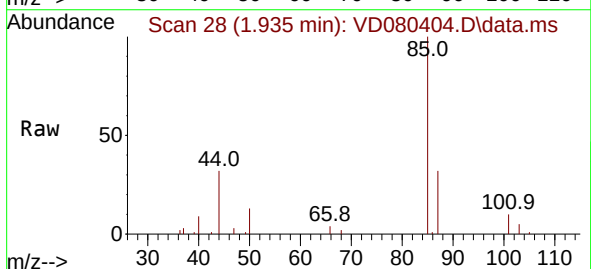
Acq: 04 Jun 2025 09:03

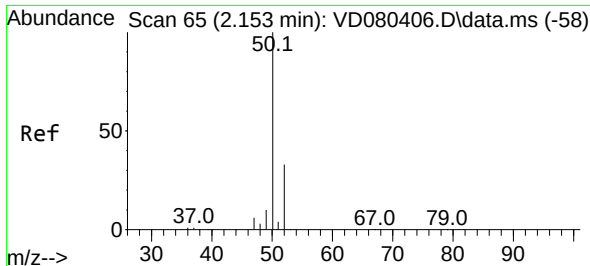
Tgt Ion: 85 Resp: 18595

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.5

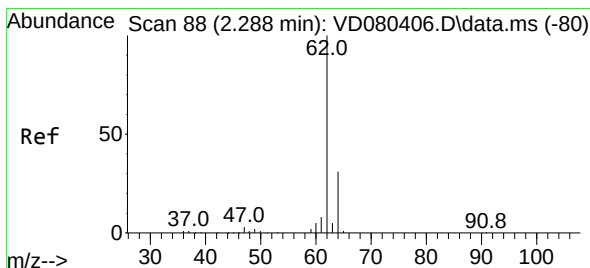
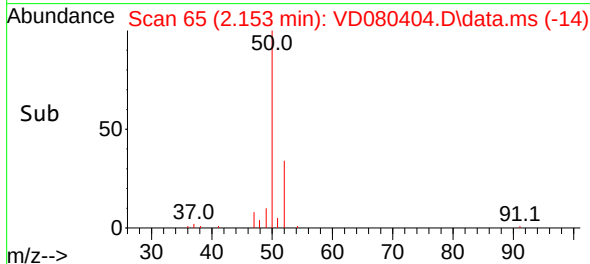
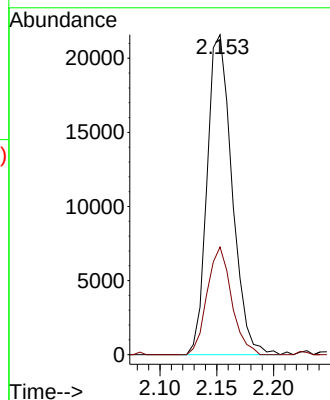
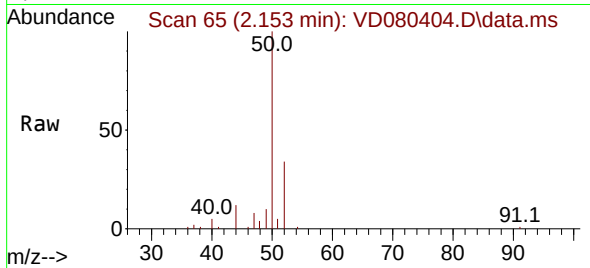




#3
Chloromethane
Concen: 11.345 ug/l
RT: 2.153 min Scan# 65
Delta R.T. 0.000 min
Lab File: VD080404.D
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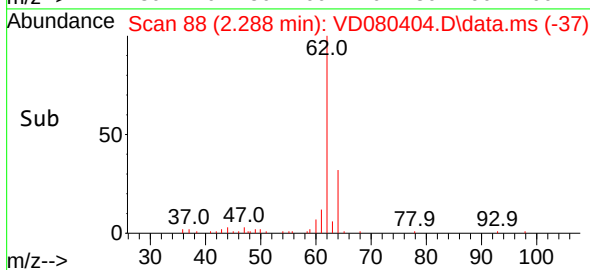
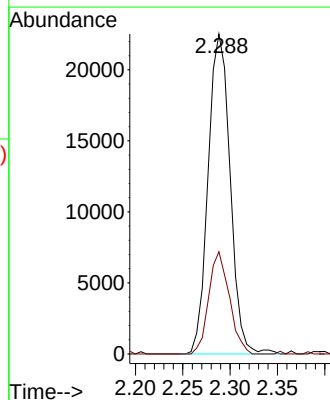
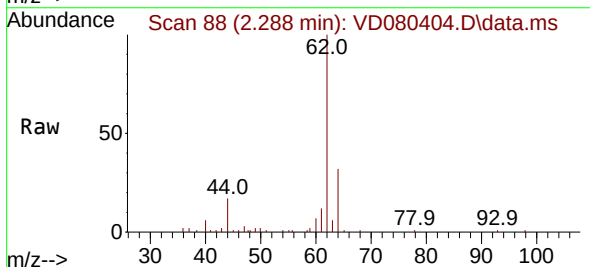
Instrument :
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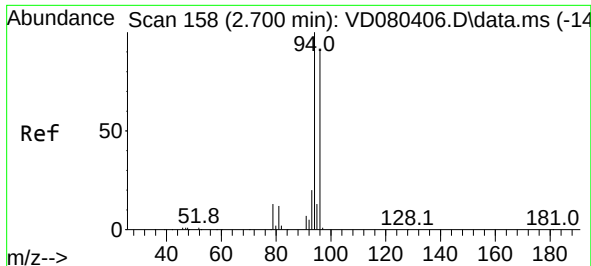
Tgt Ion: 50 Resp: 32917
Ion Ratio Lower Upper
50 100
52 33.6 26.7 40.1



#4
Vinyl Chloride
Concen: 11.194 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion: 62 Resp: 36445
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.6

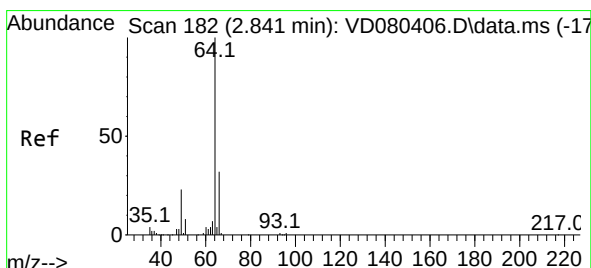
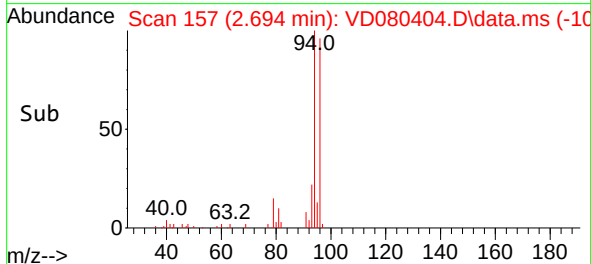
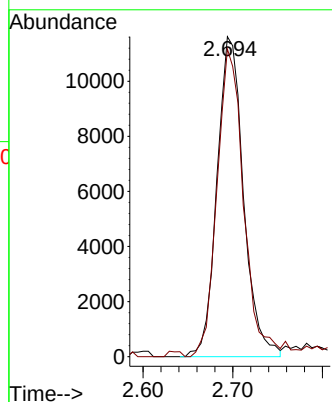
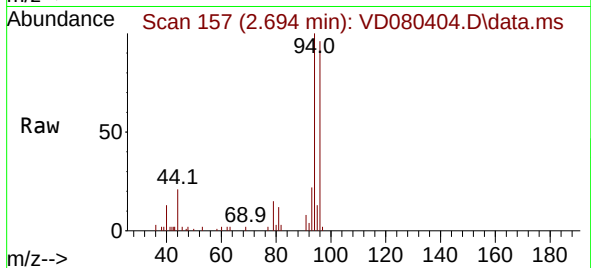




#5
Bromomethane
Concen: 11.669 ug/l
RT: 2.694 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

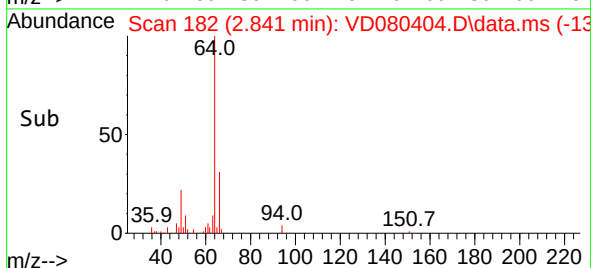
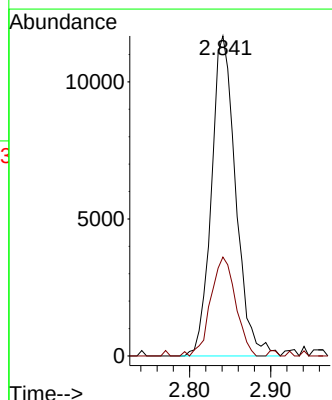
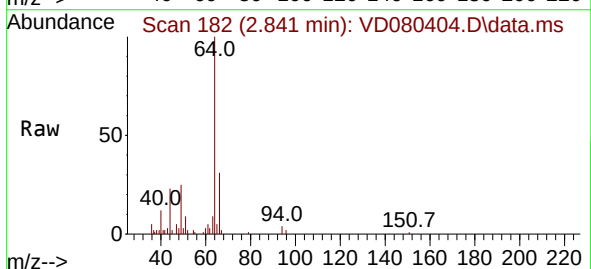
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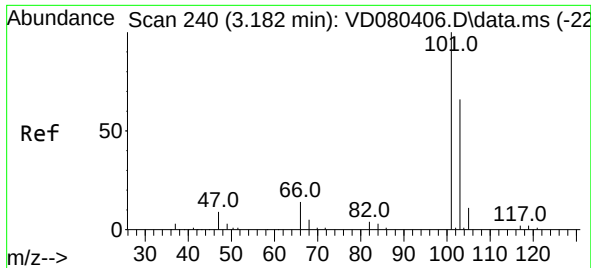
Tgt Ion: 94 Resp: 23862
Ion Ratio Lower Upper
94 100
96 97.9 73.1 109.7



#6
Chloroethane
Concen: 11.533 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion: 64 Resp: 24298
Ion Ratio Lower Upper
64 100
66 30.9 25.5 38.3

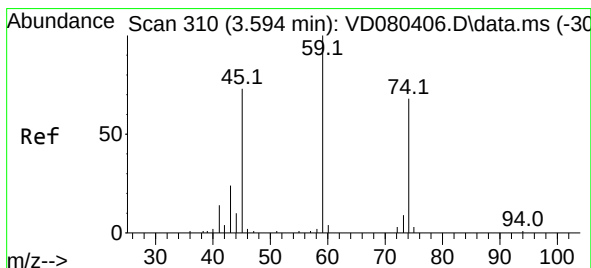
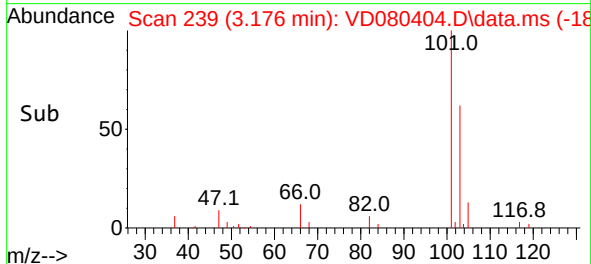
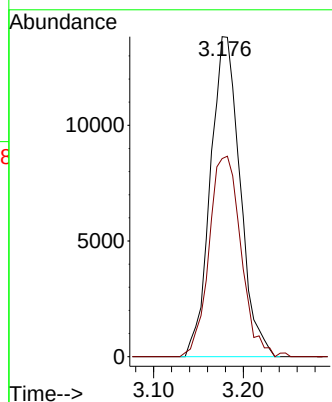
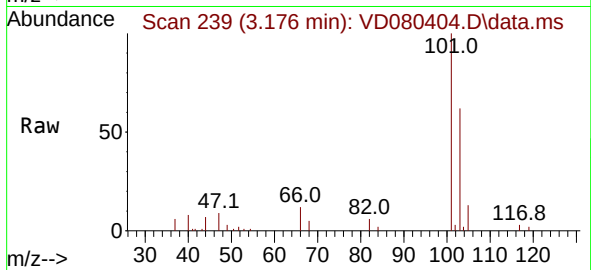




#7
 Trichlorofluoromethane
 Concen: 10.777 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD080404.D
 Acq: 04 Jun 2025 09:03

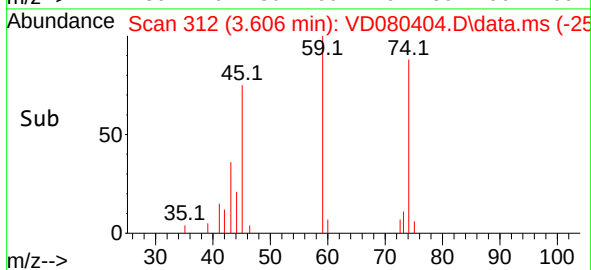
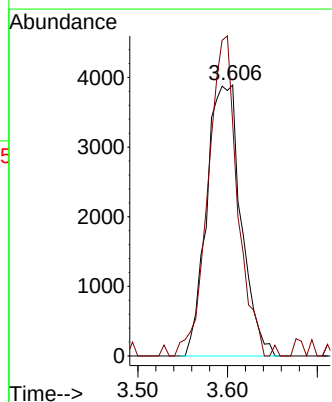
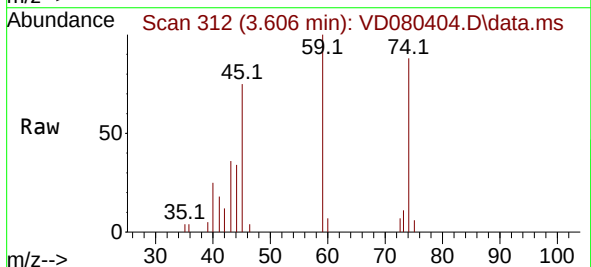
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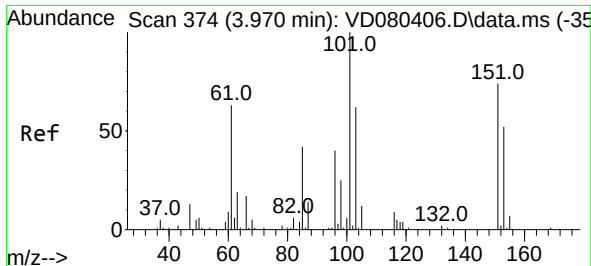
Tgt Ion:101 Resp: 31698
 Ion Ratio Lower Upper
 101 100
 103 61.9 52.7 79.1



#8
 Diethyl Ether
 Concen: 10.644 ug/l
 RT: 3.606 min Scan# 312
 Delta R.T. 0.012 min
 Lab File: VD080404.D
 Acq: 04 Jun 2025 09:03

Tgt Ion: 74 Resp: 10351
 Ion Ratio Lower Upper
 74 100
 45 100.9 51.8 155.5

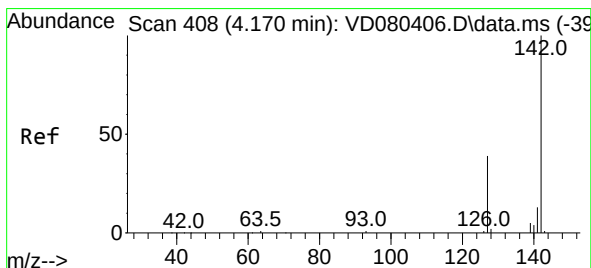
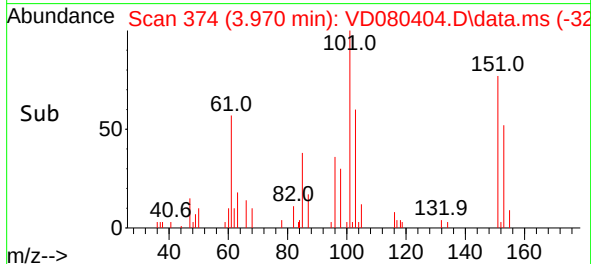
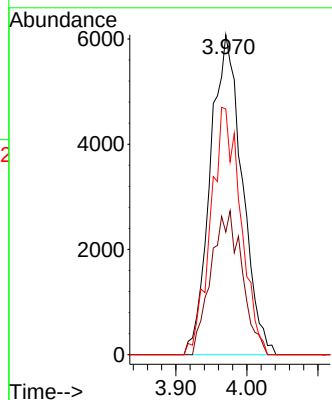
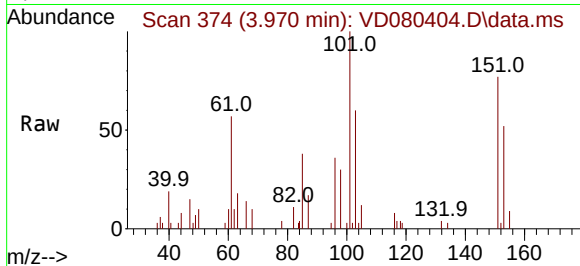




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.818 ug/l
RT: 3.970 min Scan# 31
Delta R.T. 0.000 min
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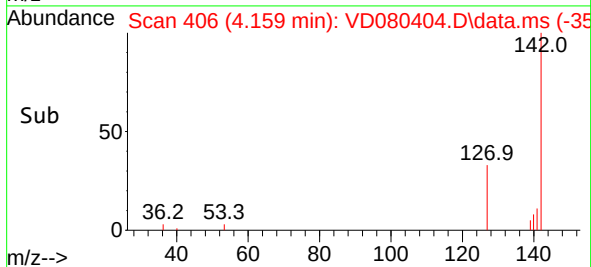
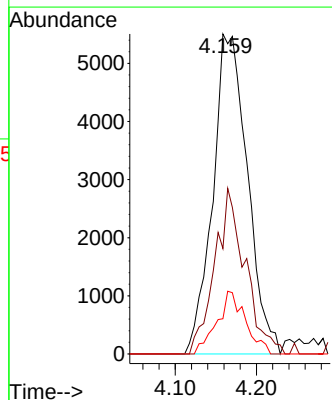
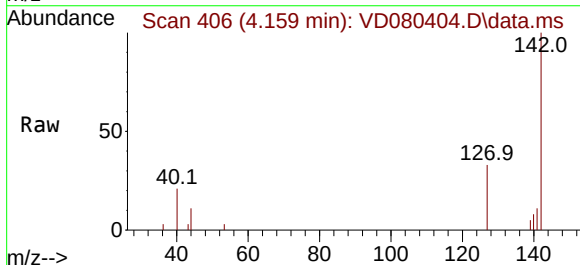
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

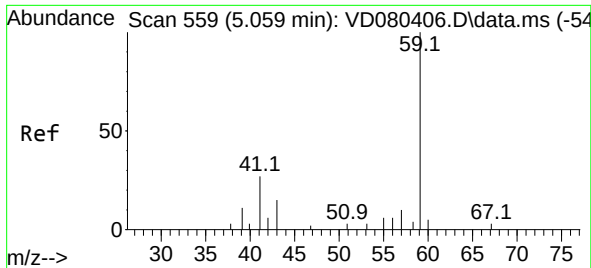
Tgt Ion:101 Resp: 18922
Ion Ratio Lower Upper
101 100
85 44.0 36.6 55.0
151 72.9 59.2 88.8



#10
Methyl Iodide
Concen: 9.176 ug/l
RT: 4.159 min Scan# 406
Delta R.T. -0.012 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion:142 Resp: 16338
Ion Ratio Lower Upper
142 100
127 45.5 35.8 53.8
141 16.1 12.0 18.0

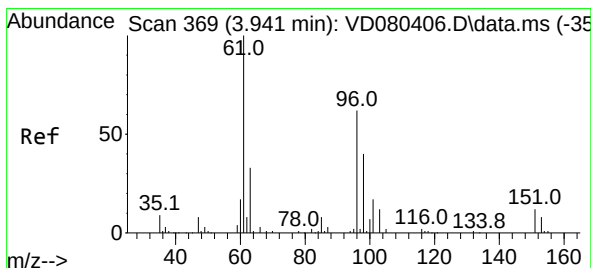
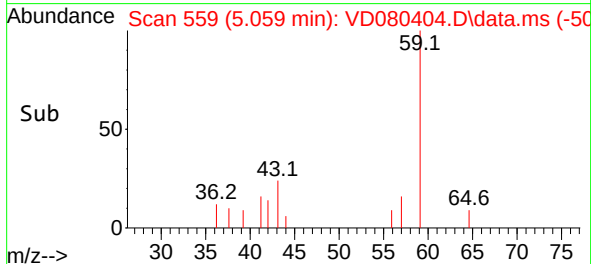
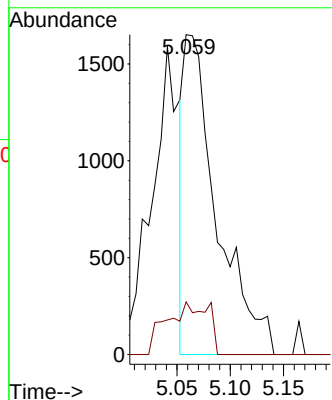
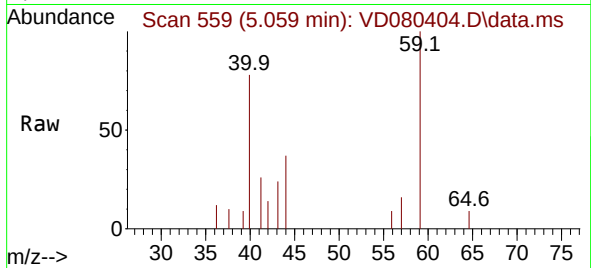




#11
Tert butyl alcohol
Concen: 31.039 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

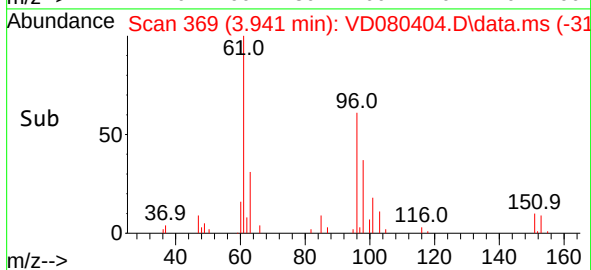
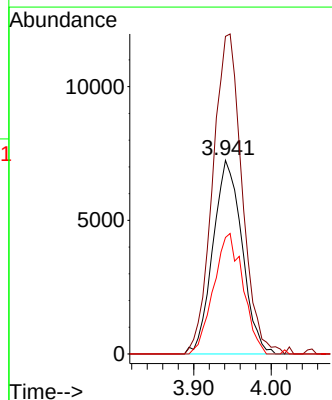
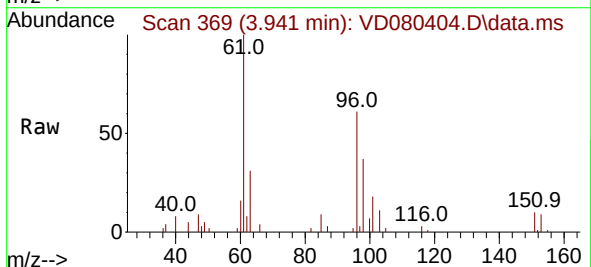
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

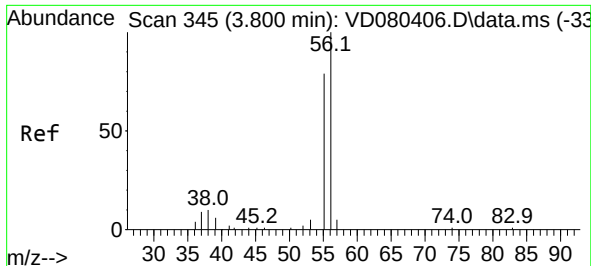
Tgt Ion: 59 Resp: 3556
Ion Ratio Lower Upper
59 100
57 20.6 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 10.561 ug/l
RT: 3.941 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion: 96 Resp: 18912
Ion Ratio Lower Upper
96 100
61 164.0 129.7 194.5
98 60.2 52.0 78.0

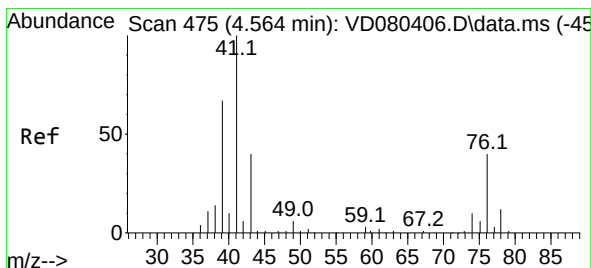
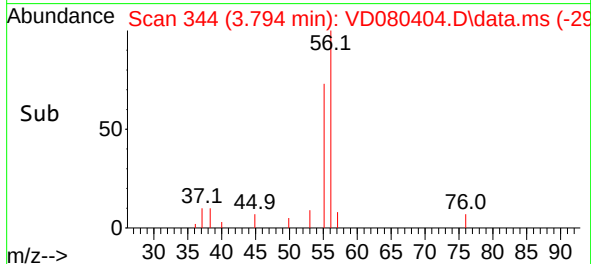
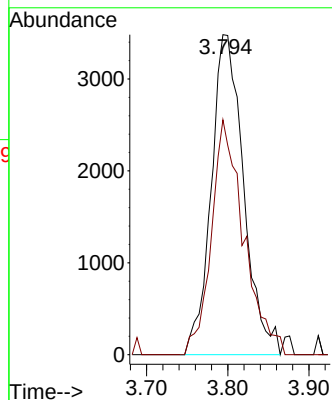
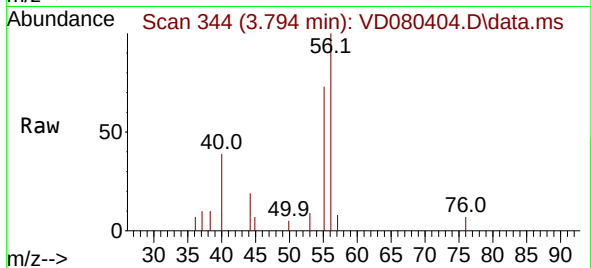




#13
Acrolein
Concen: 55.201 ug/l
RT: 3.794 min Scan# 345
Delta R.T. -0.006 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

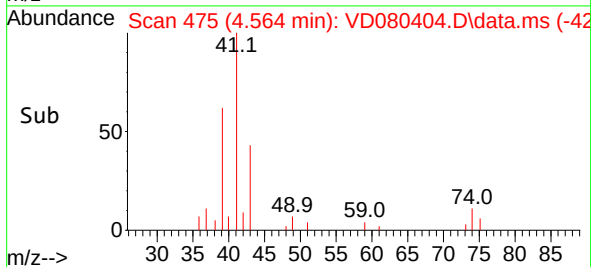
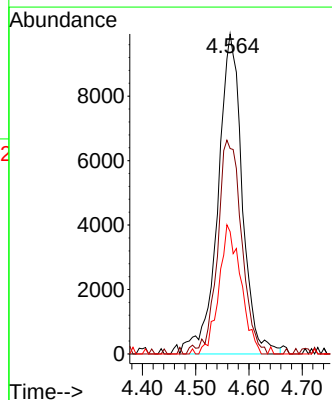
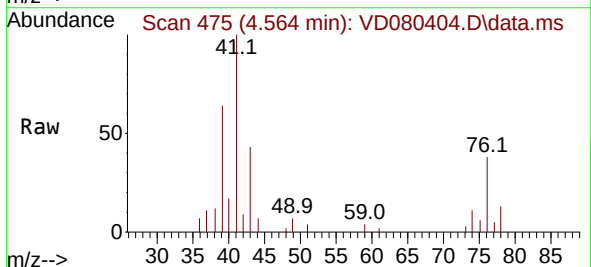
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

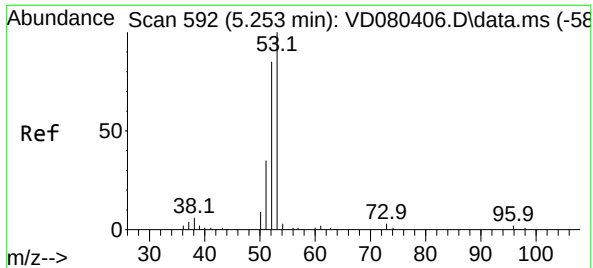
Tgt Ion: 56 Resp: 9646
Ion Ratio Lower Upper
56 100
55 73.5 58.7 88.1



#14
Allyl chloride
Concen: 10.408 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion: 41 Resp: 31439
Ion Ratio Lower Upper
41 100
39 66.3 50.0 75.0
76 36.4 29.9 44.9

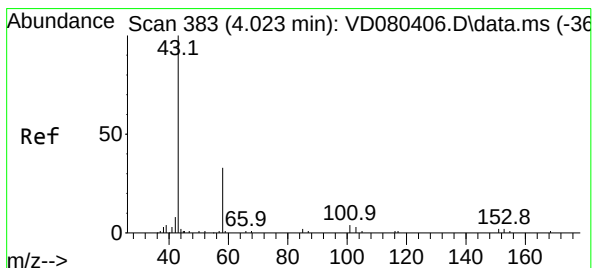
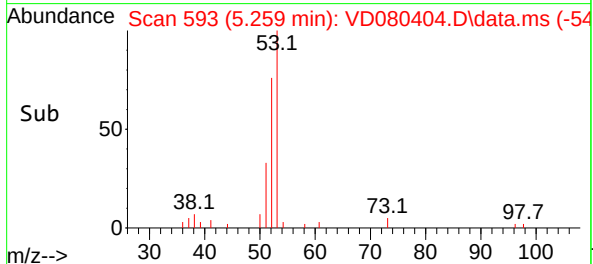
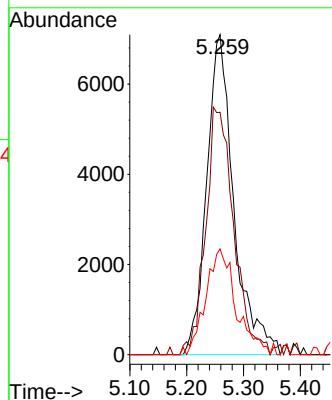
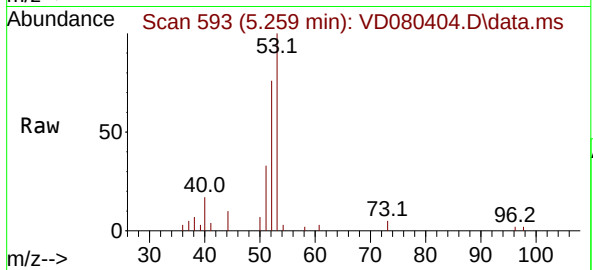




#15
Acrylonitrile
Concen: 53.126 ug/l
RT: 5.259 min Scan# 593
Delta R.T. 0.006 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

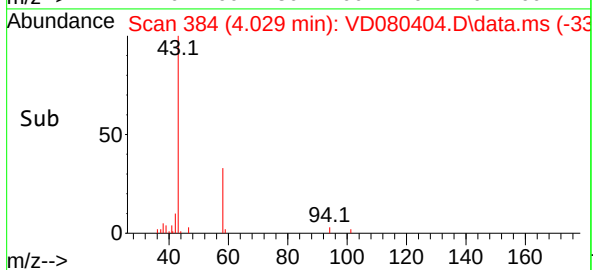
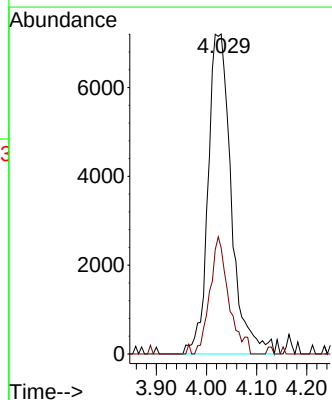
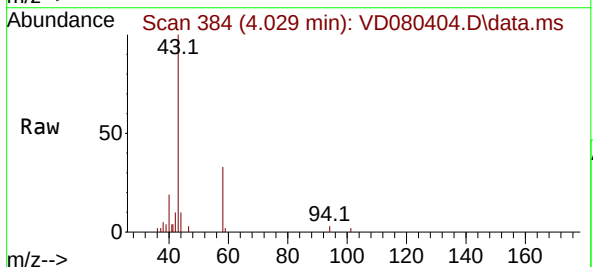
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

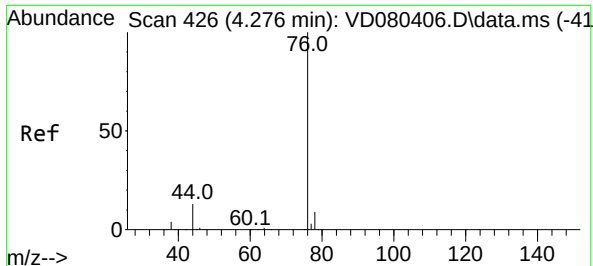
Tgt Ion: 53	Resp: 23628
Ion Ratio	Lower Upper
53 100	
52 79.8	64.2 96.2
51 37.0	29.3 43.9



#16
Acetone
Concen: 62.241 ug/l
RT: 4.029 min Scan# 384
Delta R.T. 0.006 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion: 43	Resp: 23298
Ion Ratio	Lower Upper
43 100	
58 33.2	26.6 40.0

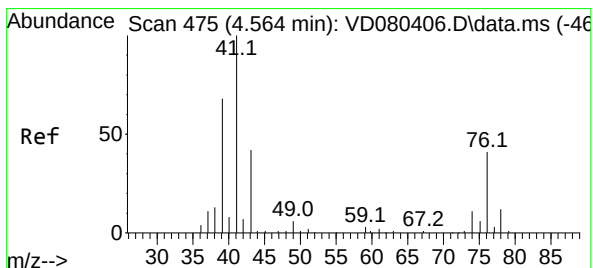
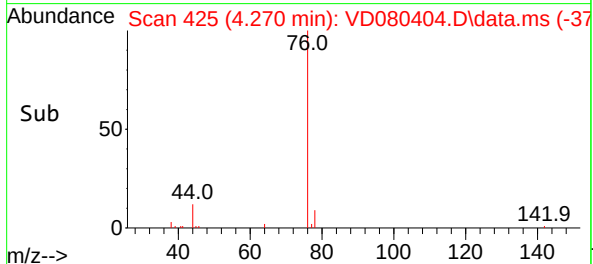
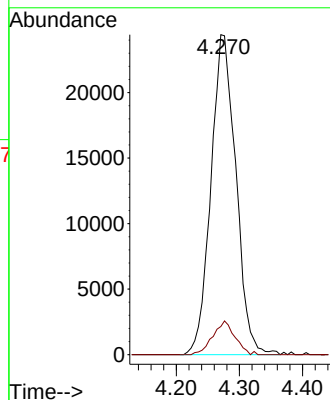
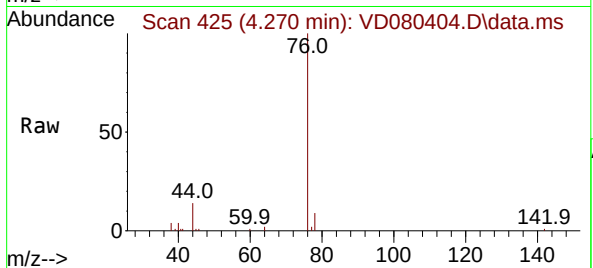




#17
Carbon Disulfide
Concen: 10.753 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

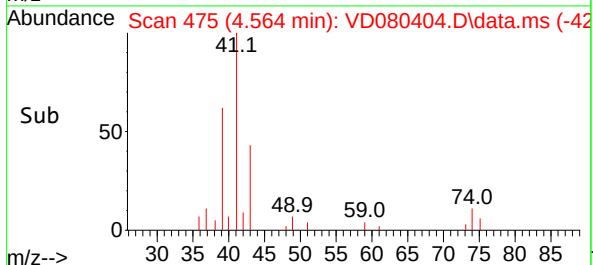
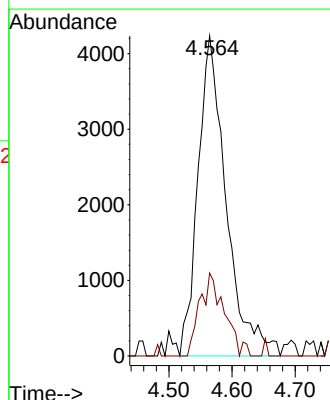
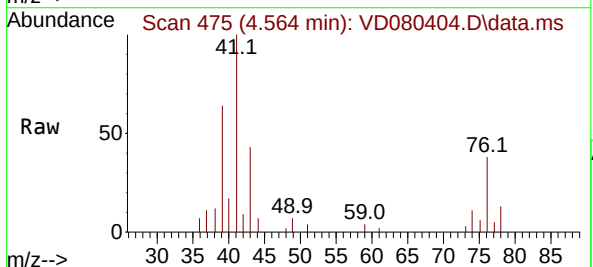
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

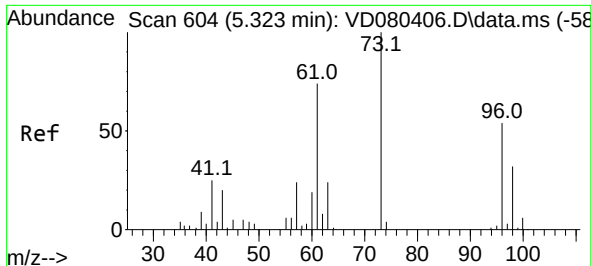
Tgt Ion: 76 Resp: 67027
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 10.676 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion: 43 Resp: 13144
Ion Ratio Lower Upper
43 100
74 22.8 18.2 27.2

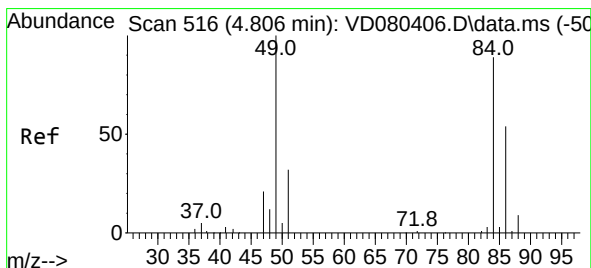
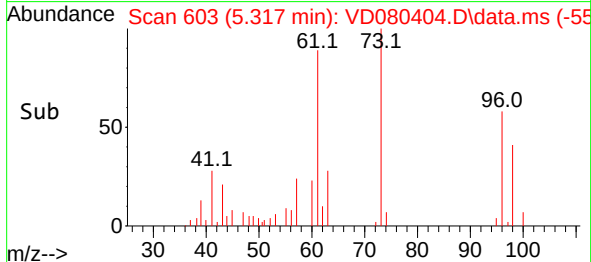
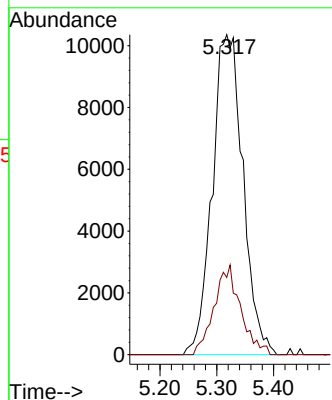
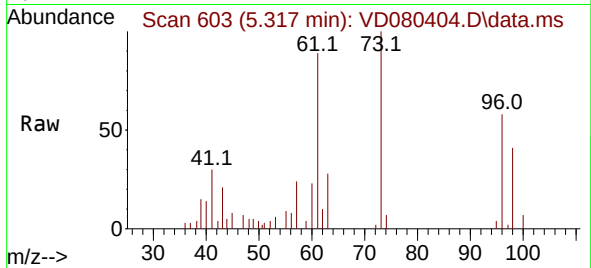




#19
Methyl tert-butyl Ether
Concen: 9.690 ug/l
RT: 5.317 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

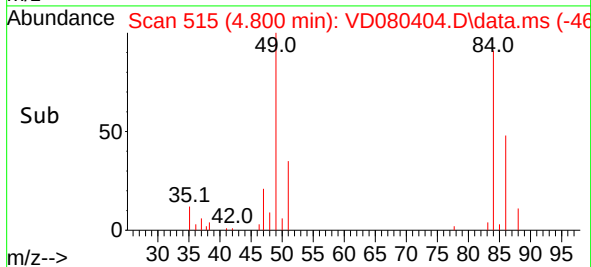
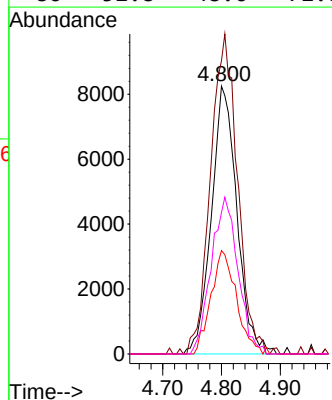
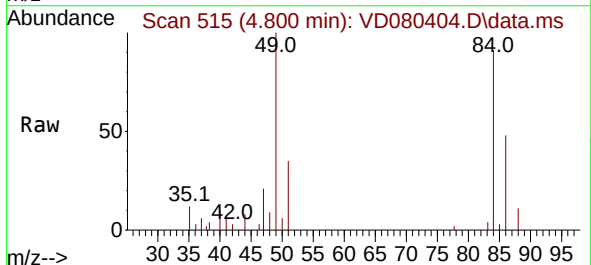
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

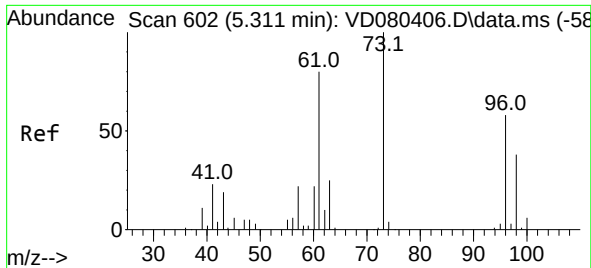
Tgt Ion: 73 Resp: 38811
Ion Ratio Lower Upper
73 100
57 24.1 18.9 28.3



#20
Methylene Chloride
Concen: 11.409 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion: 84 Resp: 24931
Ion Ratio Lower Upper
84 100
49 109.4 89.4 134.2
51 38.6 28.5 42.7
86 52.8 48.6 72.8

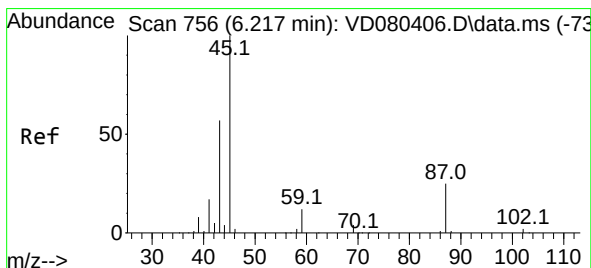
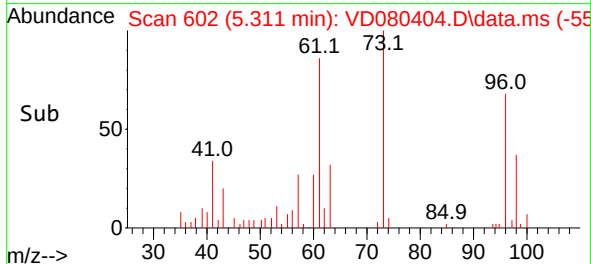
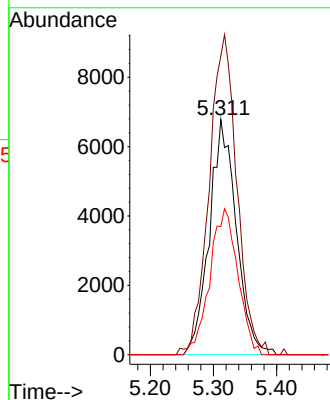
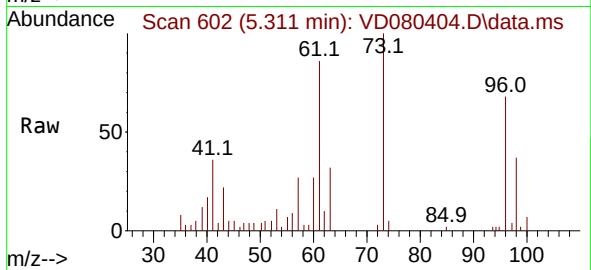




#21
trans-1,2-Dichloroethene
Concen: 10.410 ug/l
RT: 5.311 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

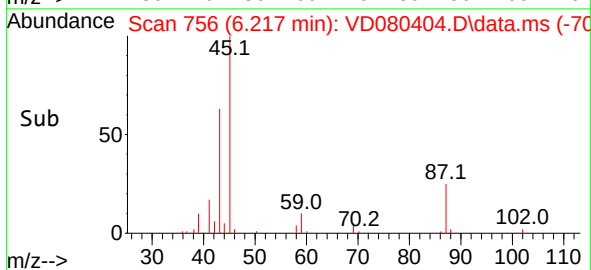
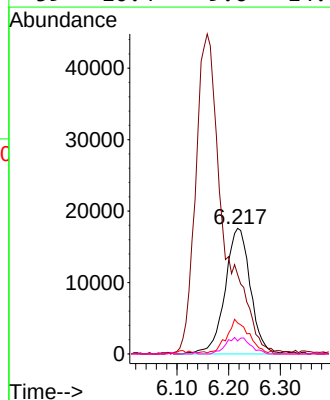
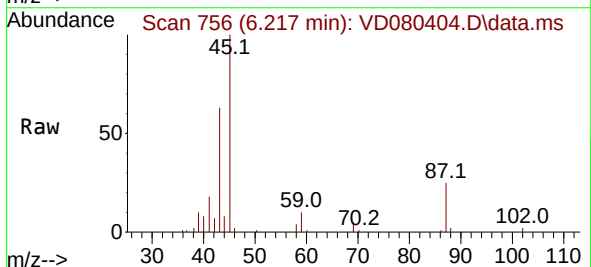
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

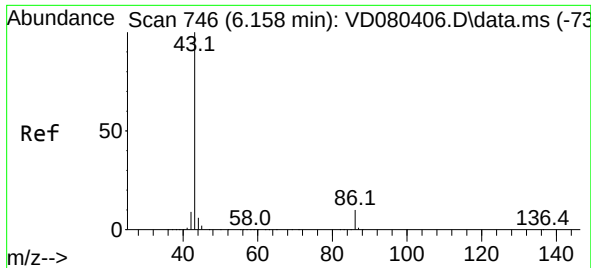
Tgt Ion: 96 Resp: 20125
Ion Ratio Lower Upper
96 100
61 127.0 110.8 166.2
98 54.5 52.2 78.2



#22
Diisopropyl ether
Concen: 9.994 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion: 45 Resp: 59685
Ion Ratio Lower Upper
45 100
43 60.7 45.6 68.4
87 24.7 20.4 30.6
59 10.4 9.6 14.4

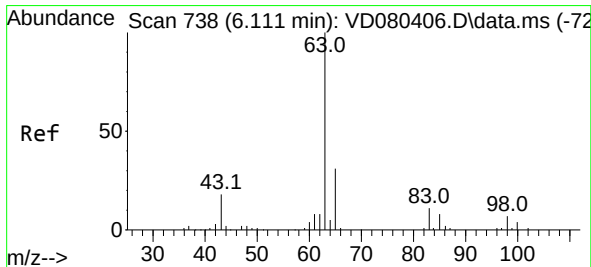
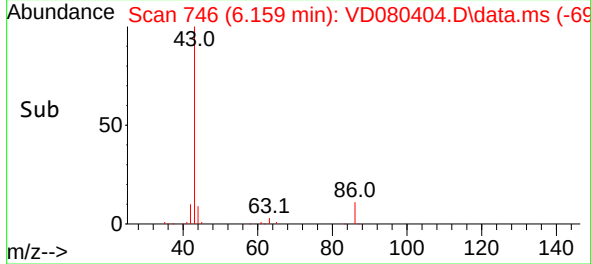
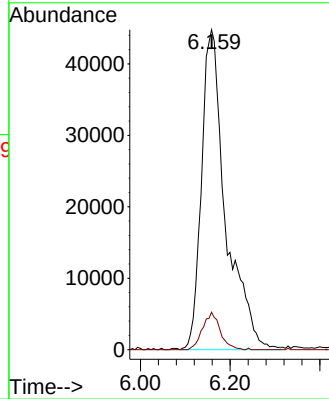
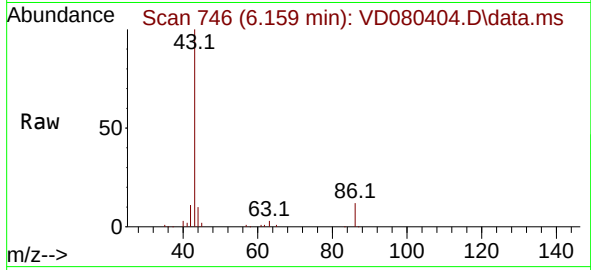




#23
 Vinyl Acetate
 Concen: 48.626 ug/l
 RT: 6.159 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD080404.D
 Acq: 04 Jun 2025 09:03

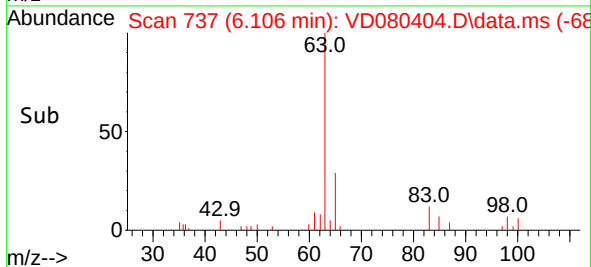
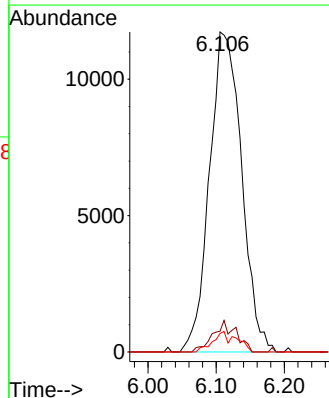
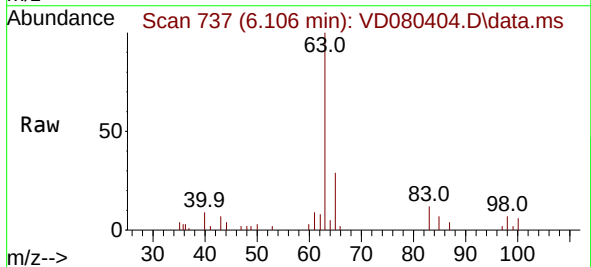
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

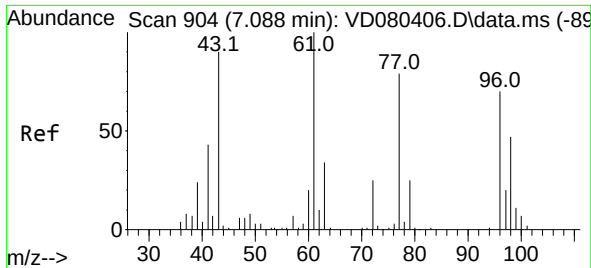
Tgt Ion: 43 Resp: 168013
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 10.639 ug/l
 RT: 6.106 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD080404.D
 Acq: 04 Jun 2025 09:03

Tgt Ion: 63 Resp: 38428
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 5.8 1.9 5.7#

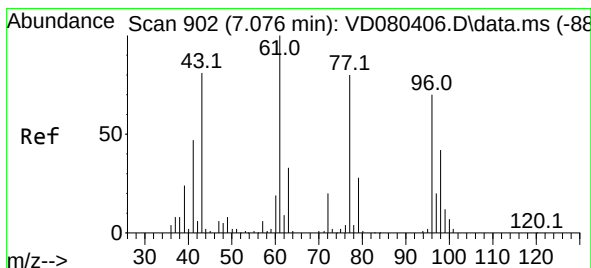
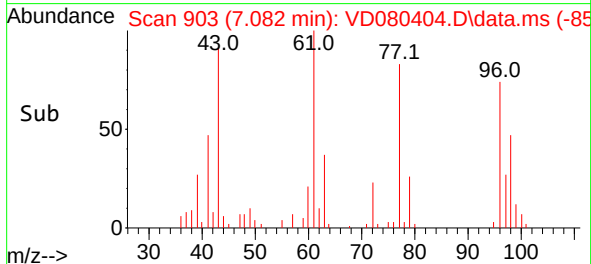
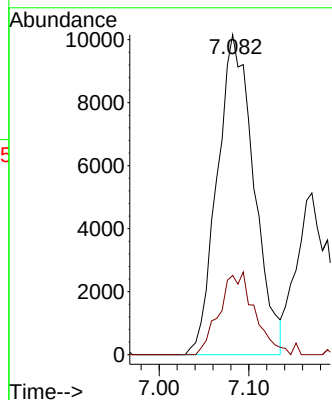
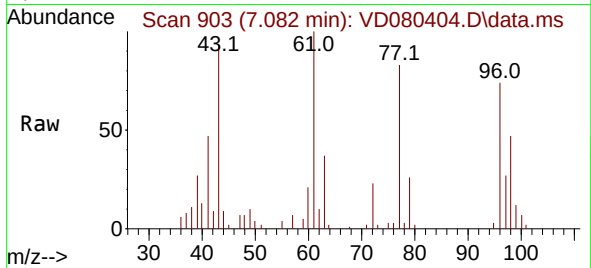




#25
2-Butanone
Concen: 52.707 ug/l
RT: 7.082 min Scan# 903
Delta R.T. -0.006 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

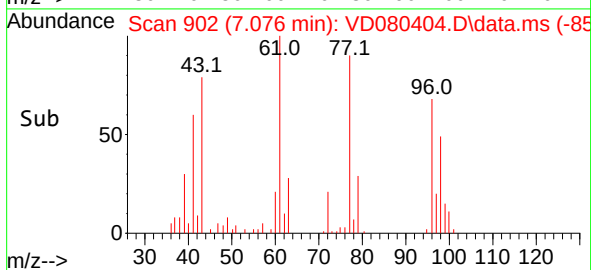
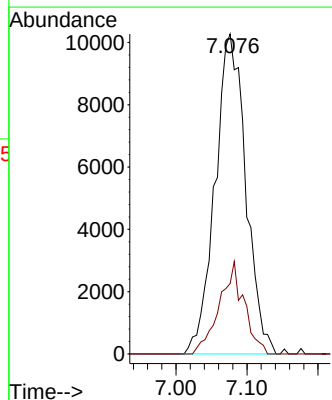
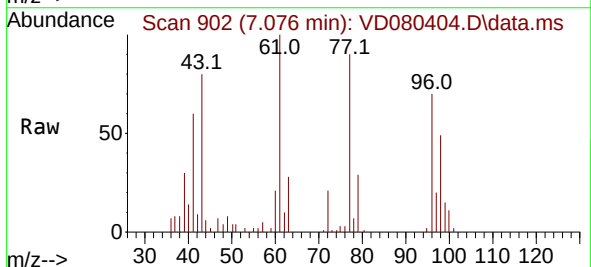
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

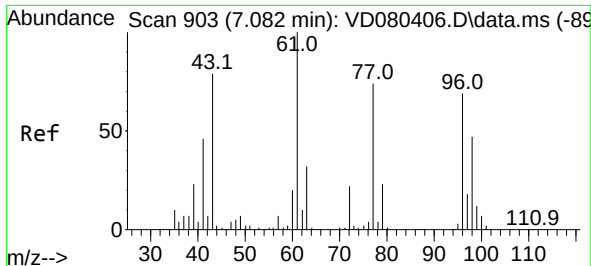
Tgt Ion: 43 Resp: 28888
Ion Ratio Lower Upper
43 100
72 24.7 22.2 33.2



#26
2,2-Dichloropropane
Concen: 10.715 ug/l
RT: 7.076 min Scan# 902
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion: 77 Resp: 30818
Ion Ratio Lower Upper
77 100
97 23.2 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 10.051 ug/l

RT: 7.082 min Scan# 903

Delta R.T. 0.000 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

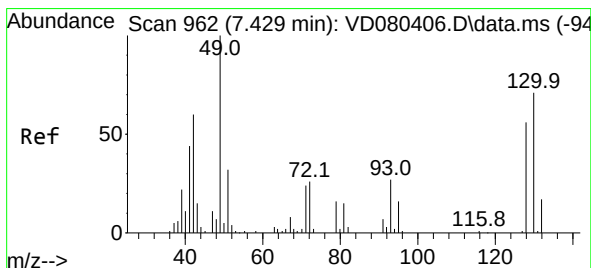
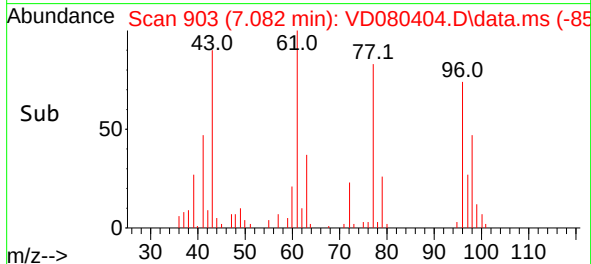
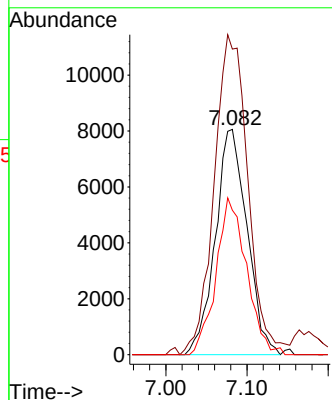
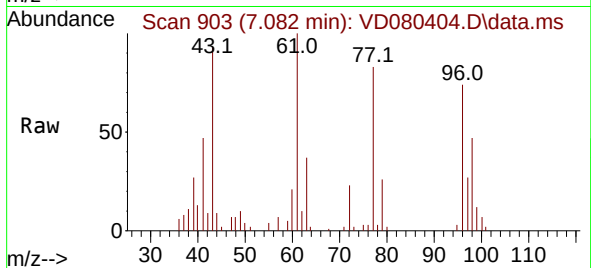
Tgt Ion: 96 Resp: 21885

Ion Ratio Lower Upper

96 100

61 150.5 0.0 291.0

98 66.9 0.0 130.6



#28

Bromochloromethane

Concen: 10.652 ug/l

RT: 7.423 min Scan# 961

Delta R.T. -0.006 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

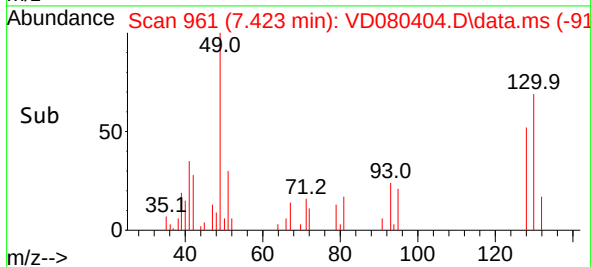
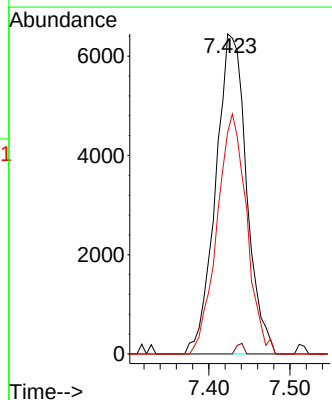
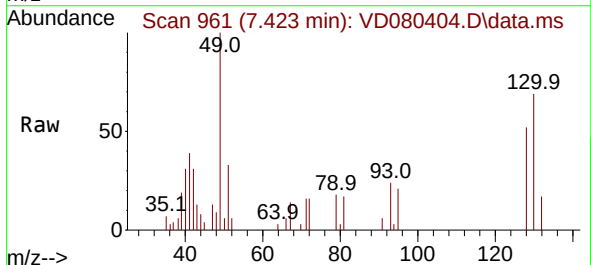
Tgt Ion: 49 Resp: 17024

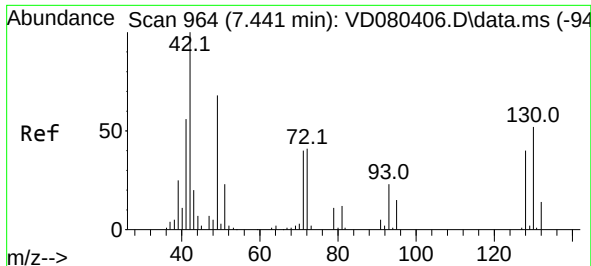
Ion Ratio Lower Upper

49 100

129 0.8 0.0 1.2

130 72.1 58.6 88.0





#29

Tetrahydrofuran

Concen: 50.103 ug/l

RT: 7.453 min Scan# 9

Delta R.T. 0.012 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

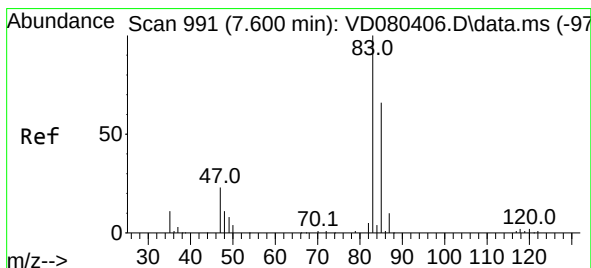
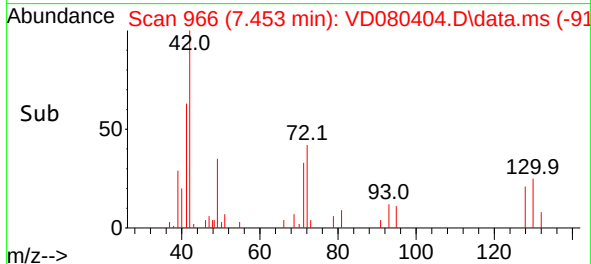
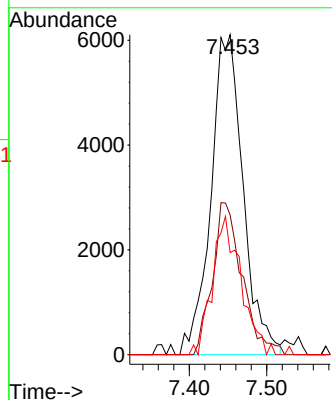
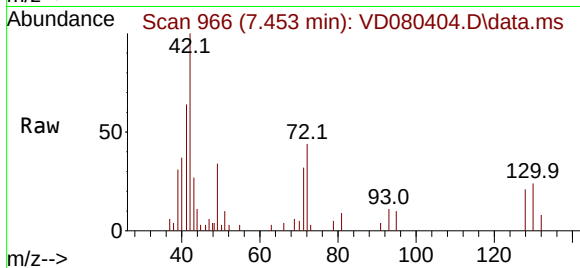
Tgt Ion: 42 Resp: 17667

Ion Ratio Lower Upper

42 100

72 43.8 34.1 51.1

71 38.4 32.2 48.4



#30

Chloroform

Concen: 10.643 ug/l

RT: 7.600 min Scan# 991

Delta R.T. 0.000 min

Lab File: VD080404.D

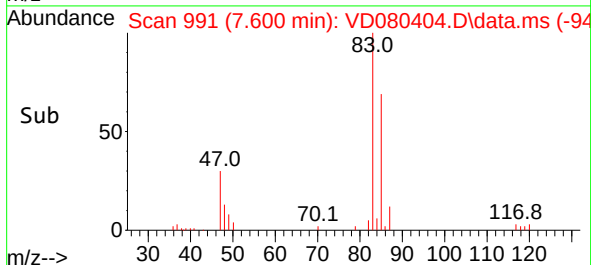
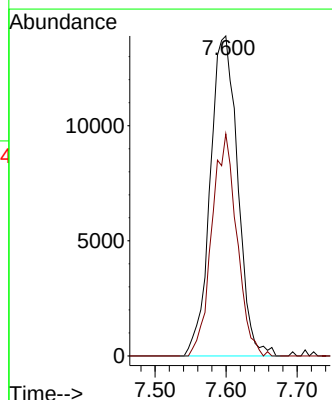
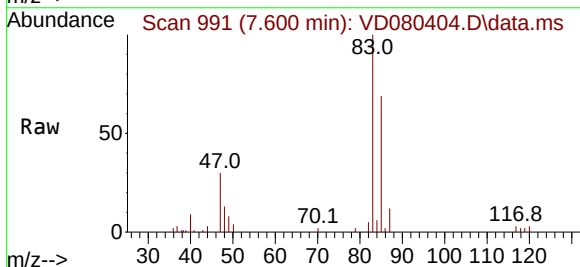
Acq: 04 Jun 2025 09:03

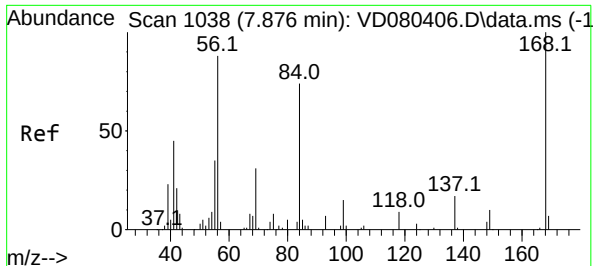
Tgt Ion: 83 Resp: 37314

Ion Ratio Lower Upper

83 100

85 69.4 52.8 79.2

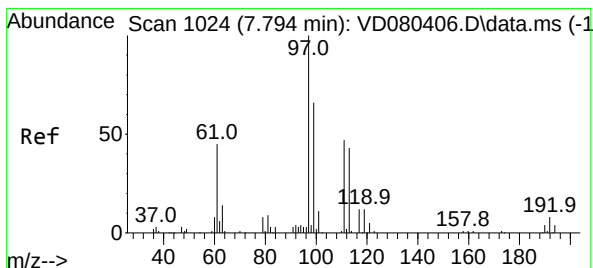
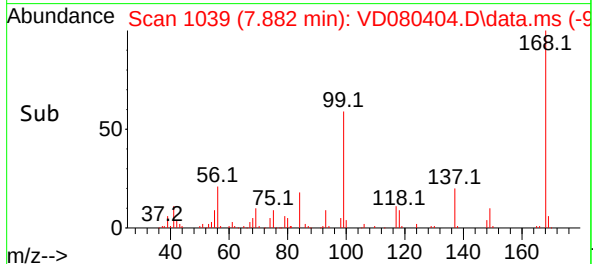
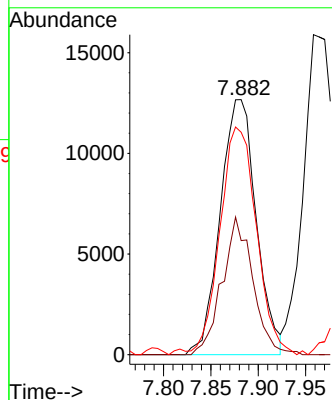
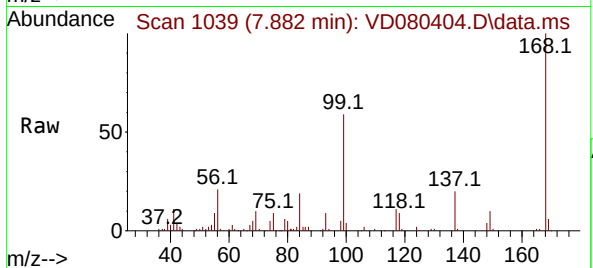




#31
Cyclohexane
Concen: 10.244 ug/l
RT: 7.882 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

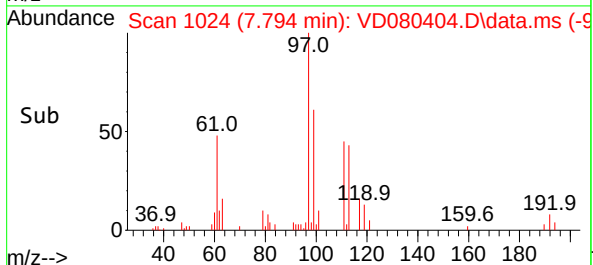
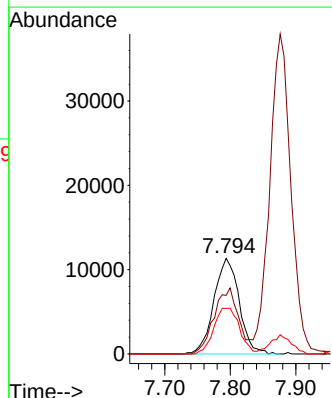
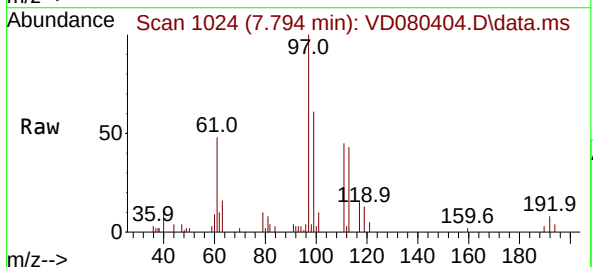
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

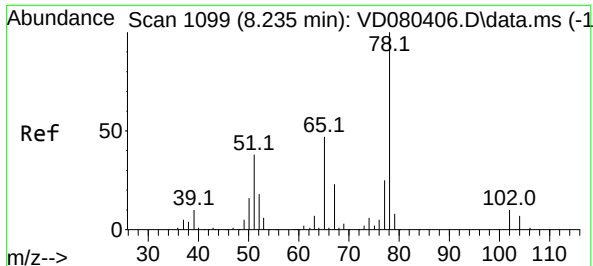
Tgt Ion: 56 Resp: 33475
Ion Ratio Lower Upper
56 100
69 44.7 28.5 42.7#
84 85.0 67.4 101.0



#32
1,1,1-Trichloroethane
Concen: 10.325 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion: 97 Resp: 30271
Ion Ratio Lower Upper
97 100
99 68.9 50.2 75.4
61 48.8 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 10.695 ug/l

RT: 8.235 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

Instrument :

MSVOA_D

ClientSampleId :

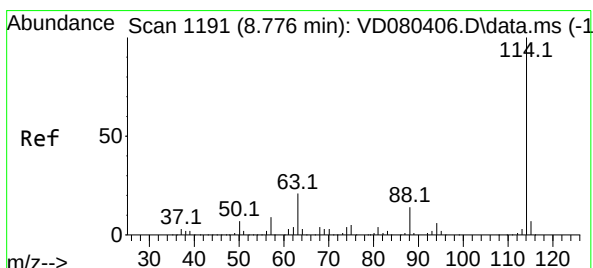
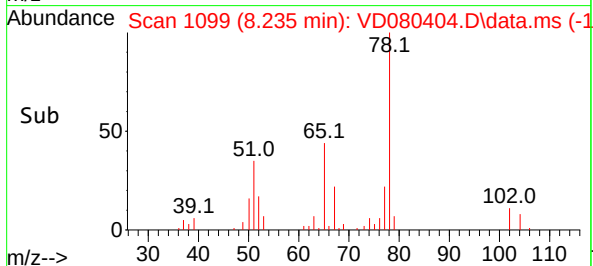
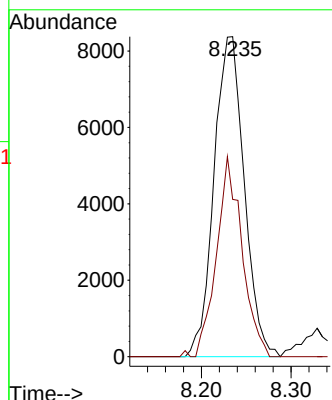
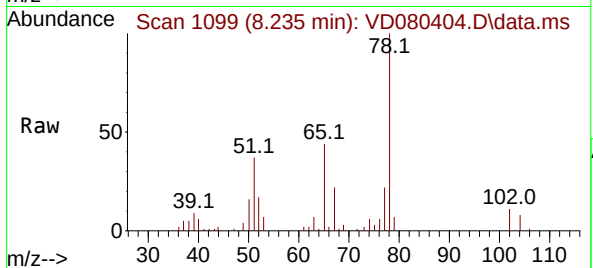
VSTDIC010

Tgt Ion: 65 Resp: 19599

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

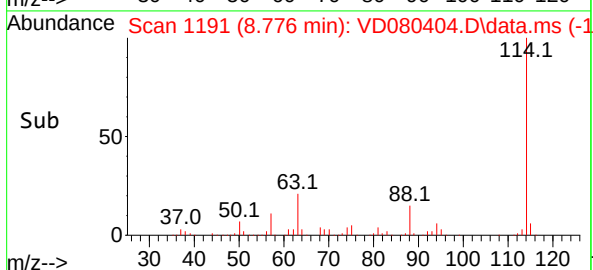
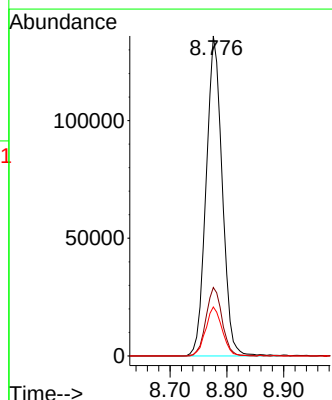
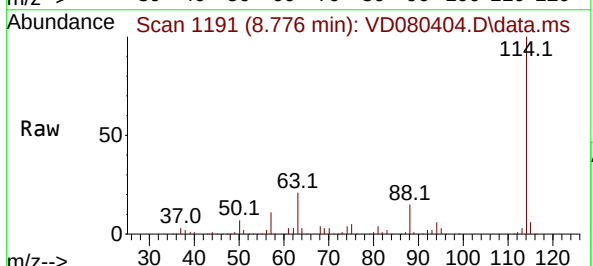
Tgt Ion:114 Resp: 266869

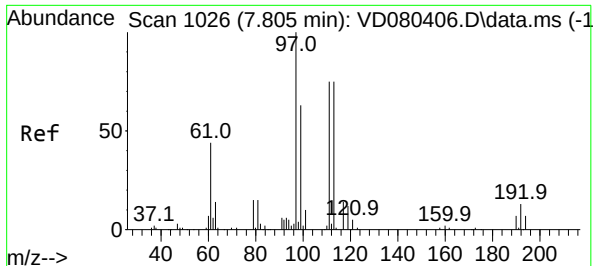
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.0

88 15.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 9.998 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

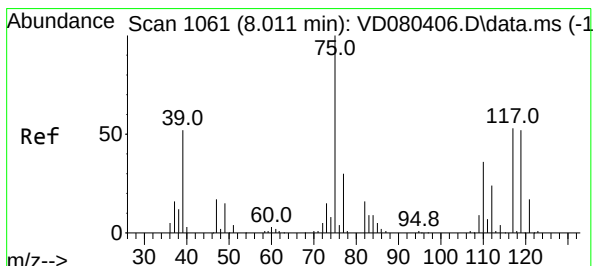
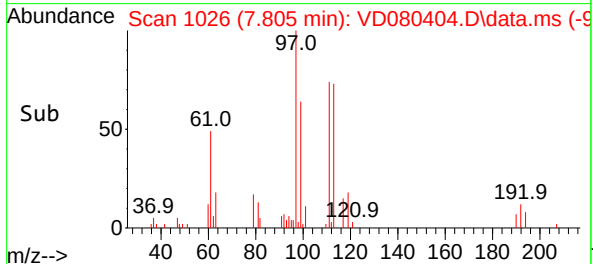
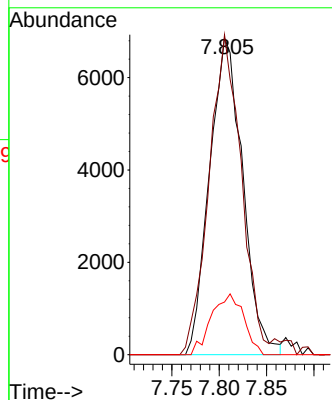
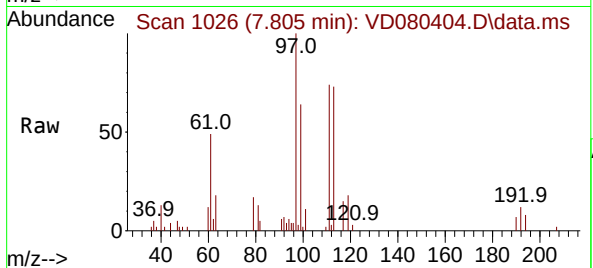
Tgt Ion:113 Resp: 16675

Ion Ratio Lower Upper

113 100

111 98.3 84.6 127.0

192 18.7 15.8 23.6



#36

1,1-Dichloropropene

Concen: 9.842 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.000 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

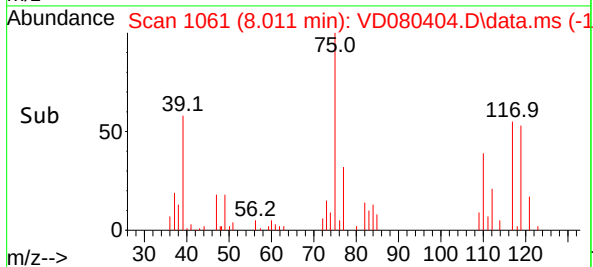
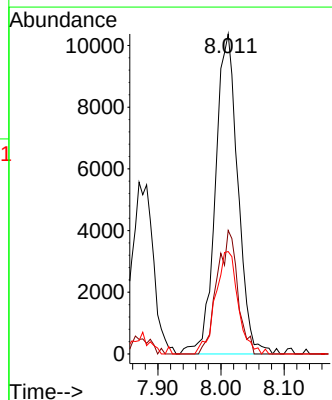
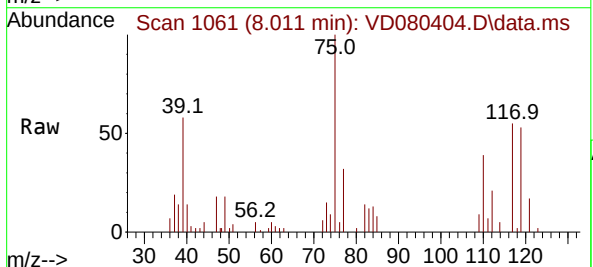
Tgt Ion: 75 Resp: 25725

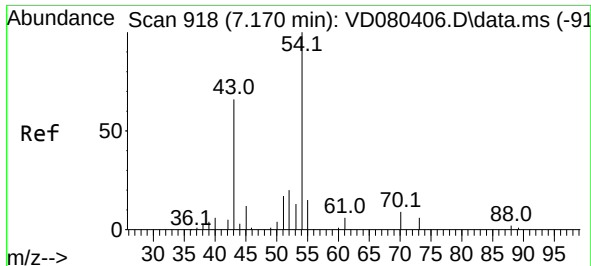
Ion Ratio Lower Upper

75 100

110 35.3 17.4 52.3

77 32.1 25.0 37.4





#37

Ethyl Acetate

Concen: 9.789 ug/l

RT: 7.170 min Scan# 918

Delta R.T. 0.000 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

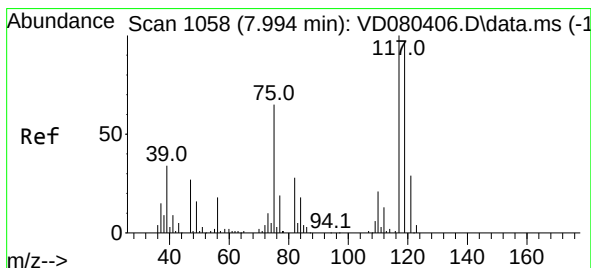
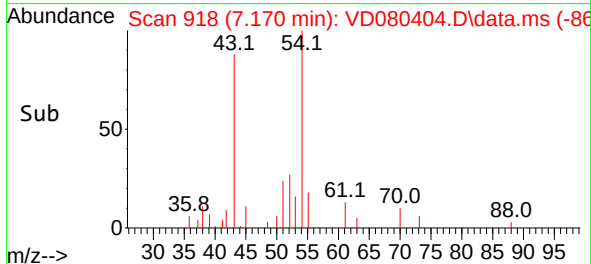
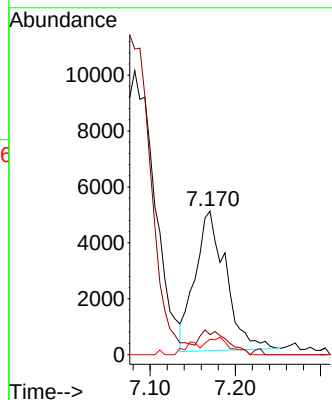
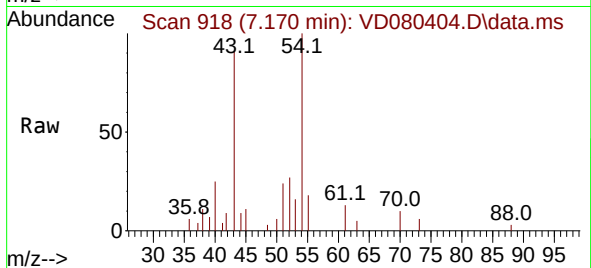
Tgt Ion: 43 Resp: 12538

Ion Ratio Lower Upper

43 100

61 15.3 11.5 17.3

70 9.5 8.6 13.0



#38

Carbon Tetrachloride

Concen: 10.393 ug/l

RT: 7.994 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

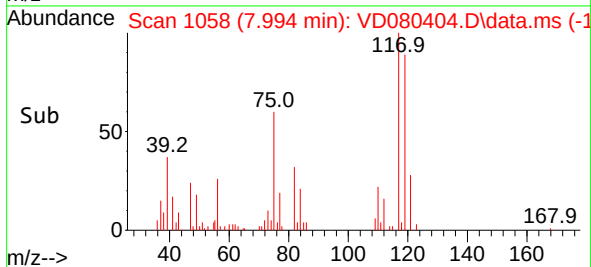
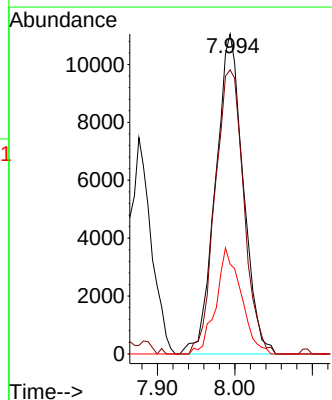
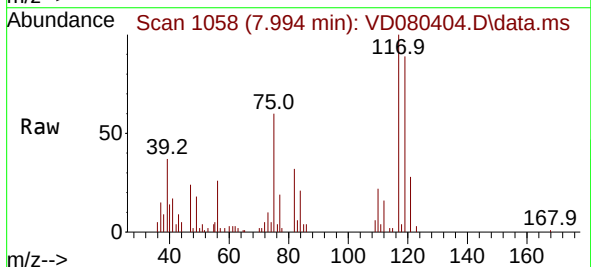
Tgt Ion: 117 Resp: 27460

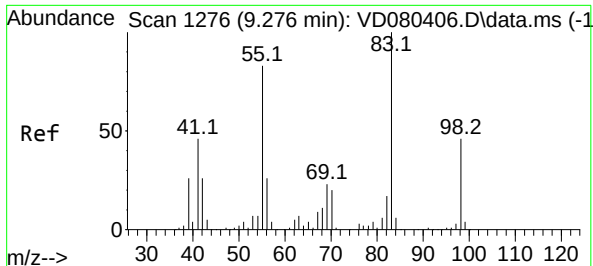
Ion Ratio Lower Upper

117 100

119 88.7 78.0 117.0

121 28.1 23.2 34.8





#39

Methylcyclohexane

Concen: 9.052 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

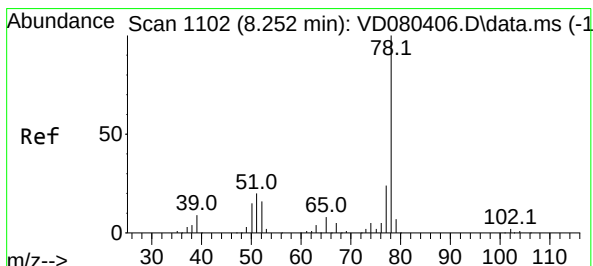
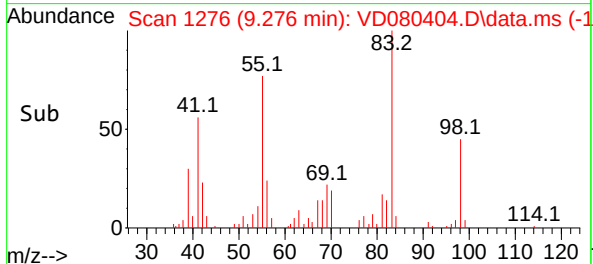
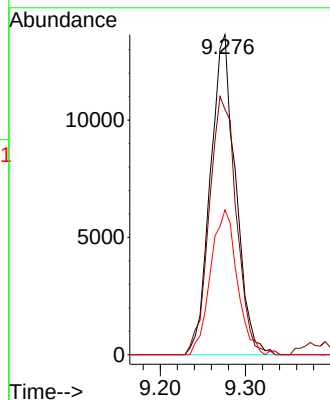
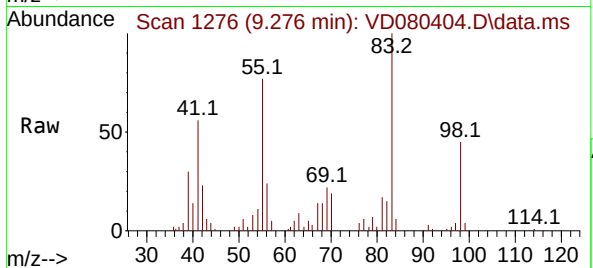
Tgt Ion: 83 Resp: 28027

Ion Ratio Lower Upper

83 100

55 76.7 66.2 99.4

98 45.2 37.0 55.6



#40

Benzene

Concen: 9.949 ug/l

RT: 8.252 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080404.D

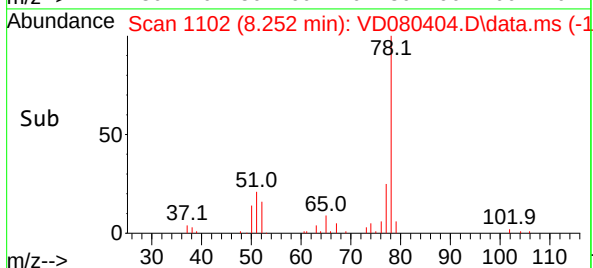
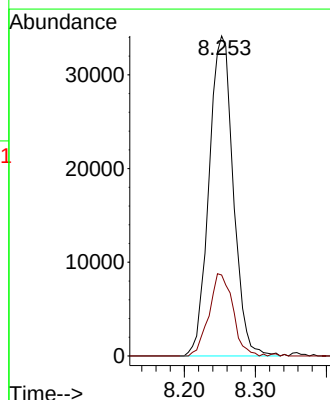
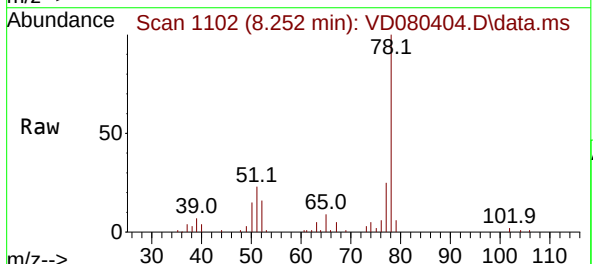
Acq: 04 Jun 2025 09:03

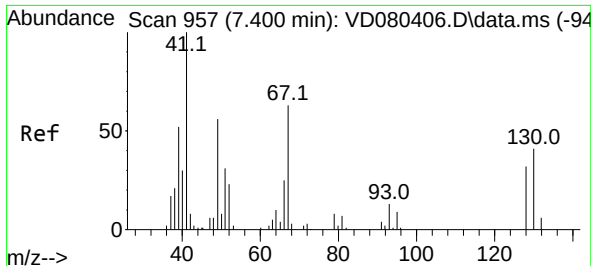
Tgt Ion: 78 Resp: 80977

Ion Ratio Lower Upper

78 100

77 25.3 19.6 29.4

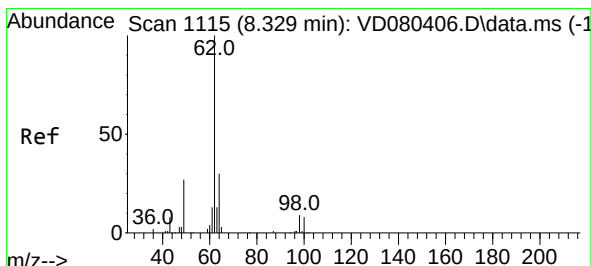
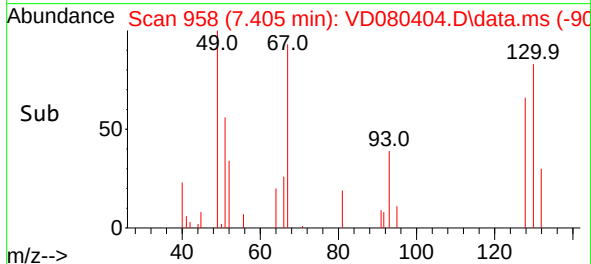
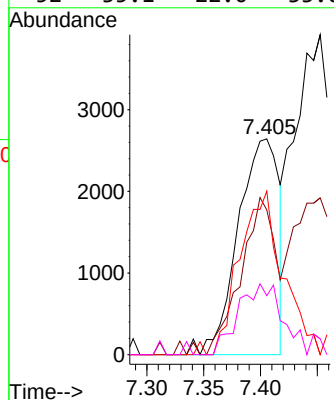
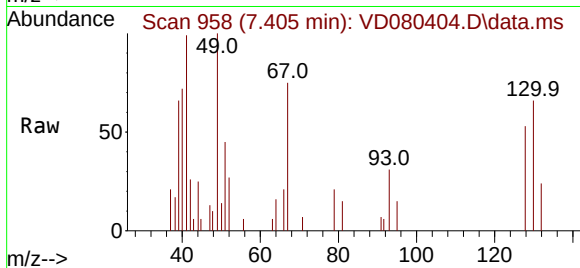




#41
Methacrylonitrile
Concen: 8.402 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

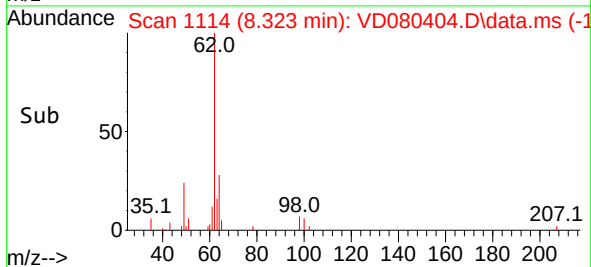
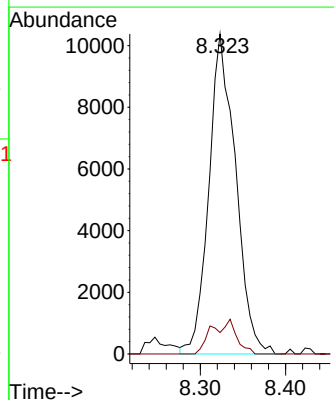
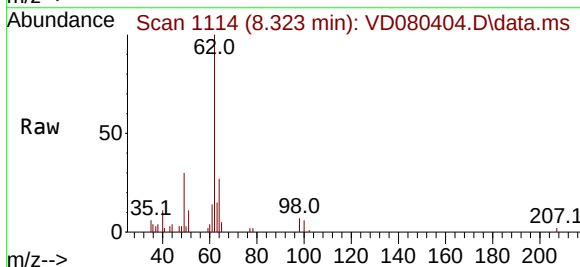
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

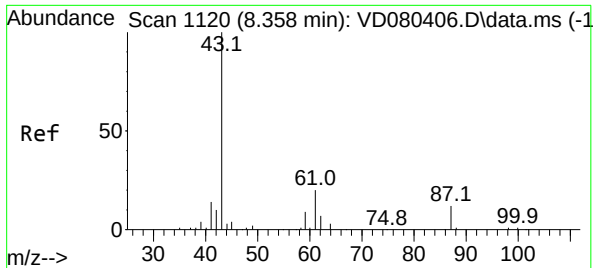
Tgt Ion:	41	Resp:	6628
Ion	Ratio	Lower	Upper
41	100		
39	61.2	37.6	56.4#
67	80.4	50.4	75.6#
52	35.1	22.0	33.0#



#42
1,2-Dichloroethane
Concen: 10.221 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion:	62	Resp:	22647
Ion	Ratio	Lower	Upper
62	100		
98	5.2	0.0	19.2

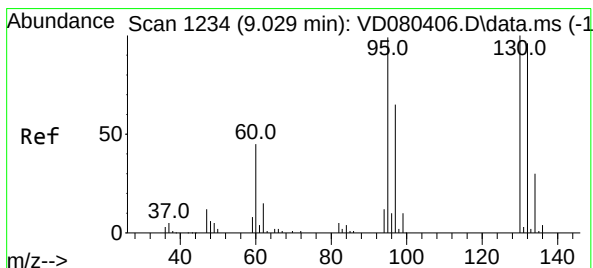
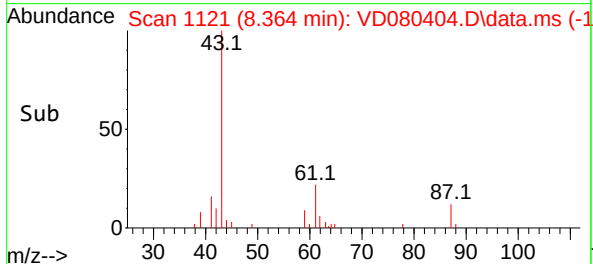
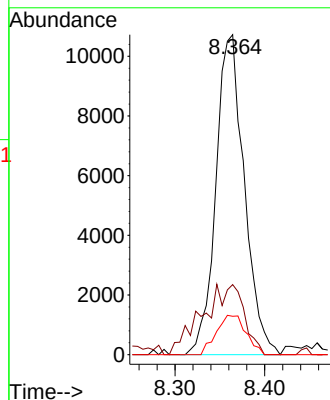
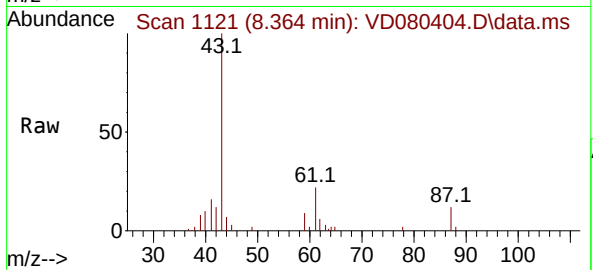




#43
Isopropyl Acetate
Concen: 9.686 ug/l
RT: 8.364 min Scan# 1121
Delta R.T. 0.006 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

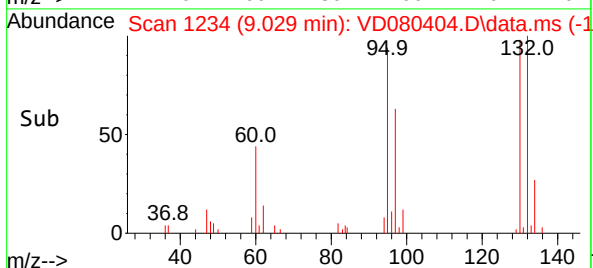
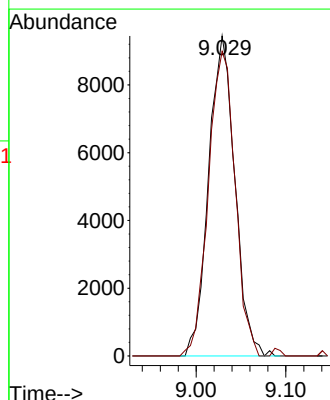
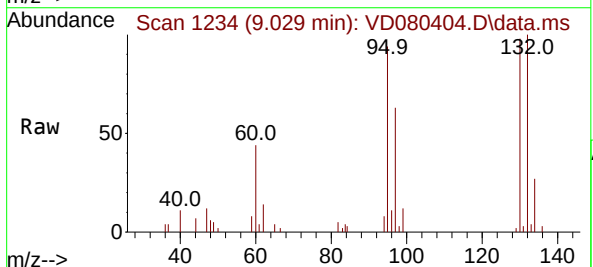
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

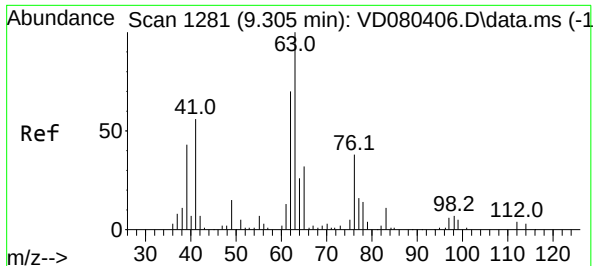
Tgt Ion: 43	Resp: 23587
Ion Ratio	Lower Upper
43 100	
61 32.4	24.4 36.6
87 12.8	10.2 15.4



#44
Trichloroethene
Concen: 10.167 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion:130	Resp:	19166	
Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	198.2





#45

1,2-Dichloropropane

Concen: 10.151 ug/l

RT: 9.300 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

Instrument :

MSVOA_D

ClientSampleId :

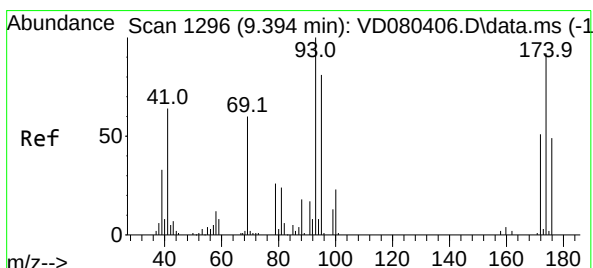
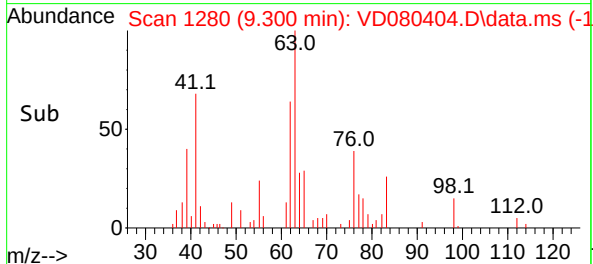
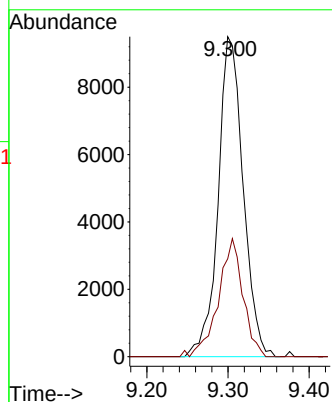
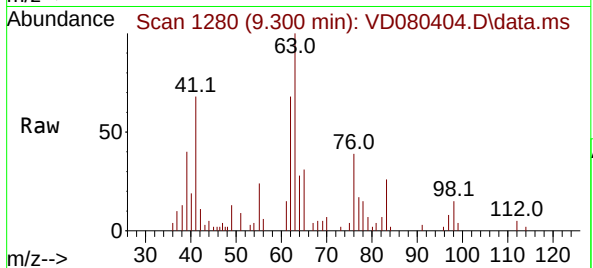
VSTDIC010

Tgt Ion: 63 Resp: 20346

Ion Ratio Lower Upper

63 100

65 30.6 25.3 37.9



#46

Dibromomethane

Concen: 9.719 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

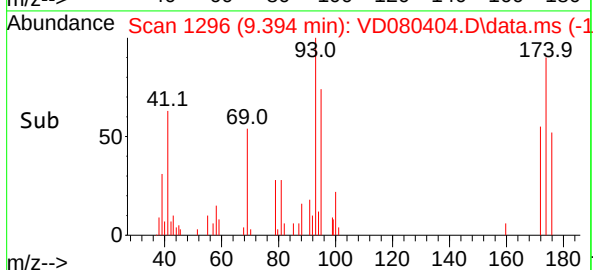
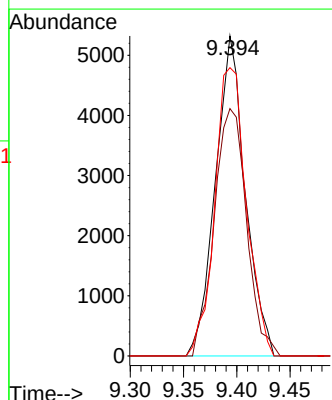
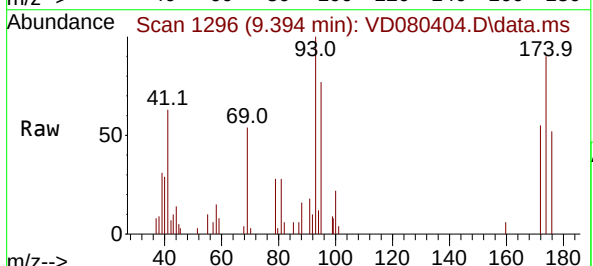
Tgt Ion: 93 Resp: 10370

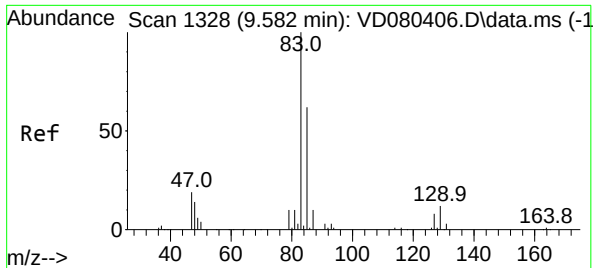
Ion Ratio Lower Upper

93 100

95 83.8 65.7 98.5

174 95.6 74.6 112.0

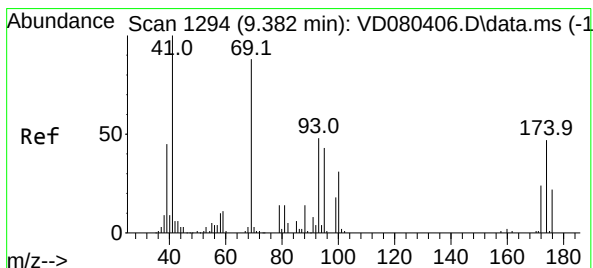
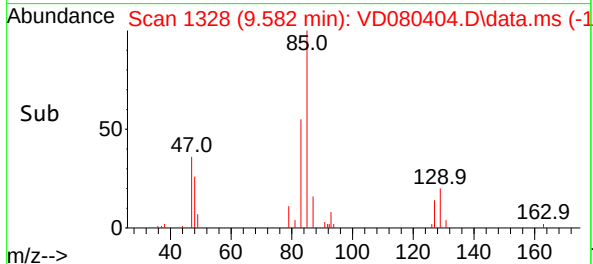
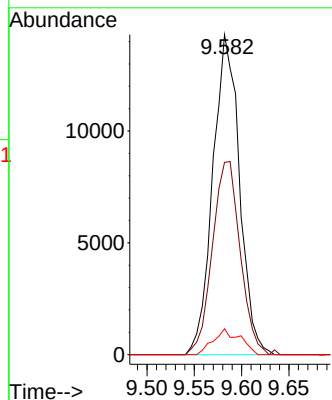
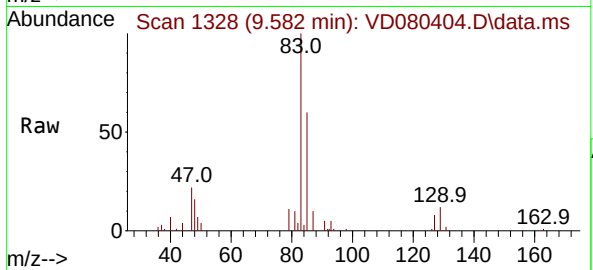




#47
Bromodichloromethane
Concen: 10.336 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

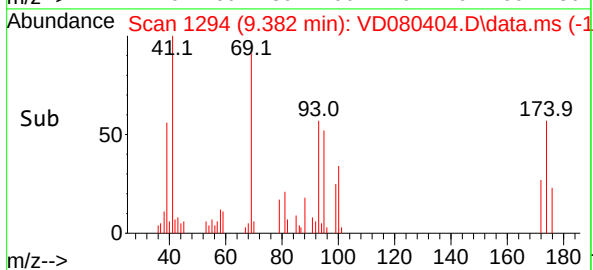
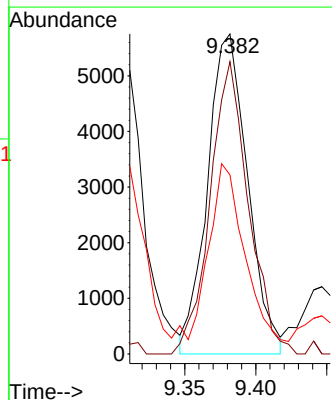
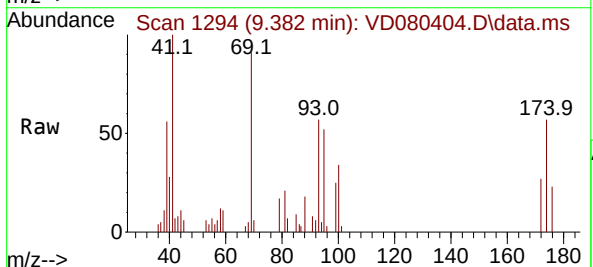
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

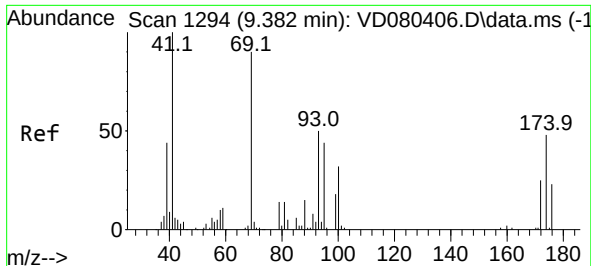
Tgt Ion: 83 Resp: 28011
Ion Ratio Lower Upper
83 100
85 60.1 49.6 74.4
127 8.1 6.5 9.7



#48
Methyl methacrylate
Concen: 9.464 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion: 41 Resp: 11303
Ion Ratio Lower Upper
41 100
69 87.4 67.1 100.7
39 58.1 38.2 57.2#

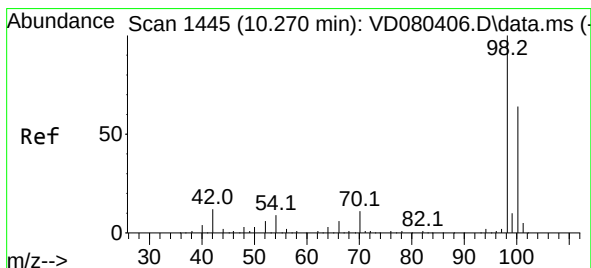
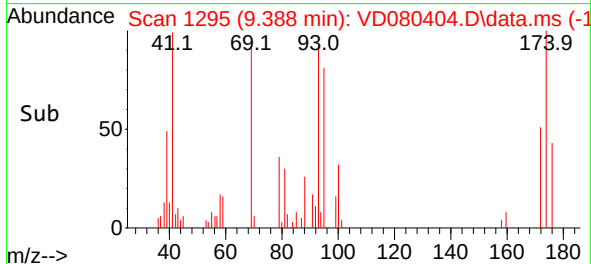
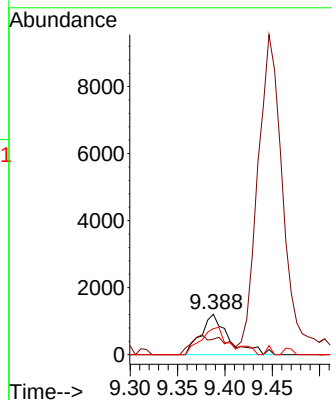
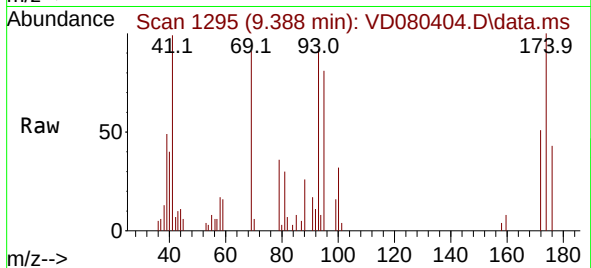




#49
1,4-Dioxane
Concen: 205.496 ug/l
RT: 9.388 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

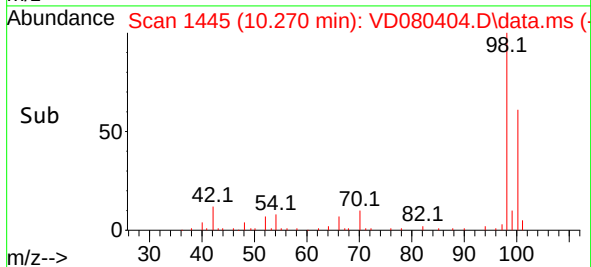
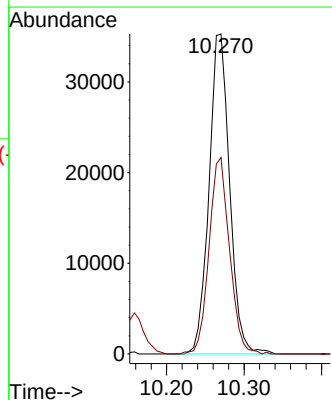
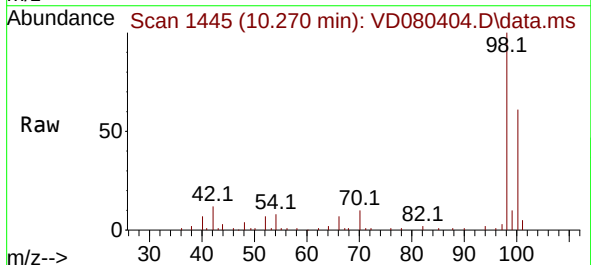
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

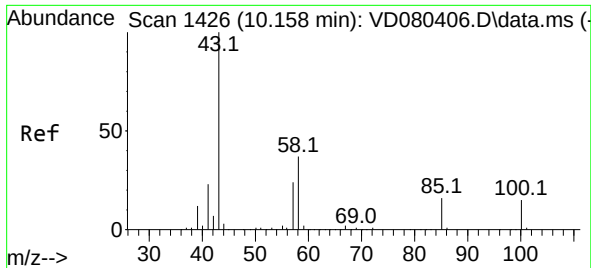
Tgt Ion: 88 Resp: 2446
Ion Ratio Lower Upper
88 100
43 58.1 29.9 44.9#
58 71.1 61.8 92.8



#50
Toluene-d8
Concen: 10.020 ug/l
RT: 10.270 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion: 98 Resp: 65291
Ion Ratio Lower Upper
98 100
100 60.9 50.9 76.3

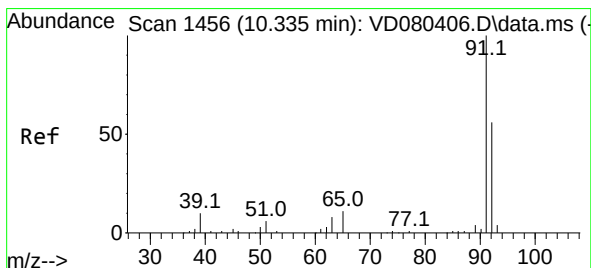
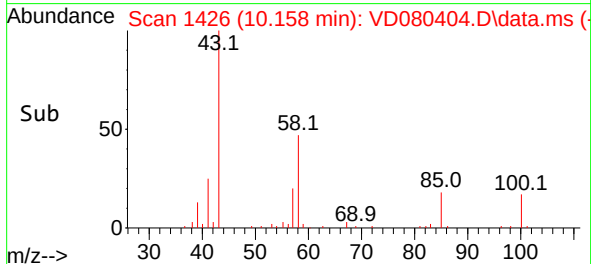
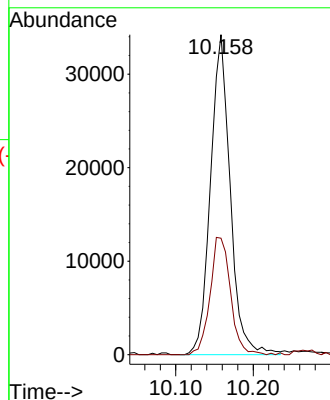
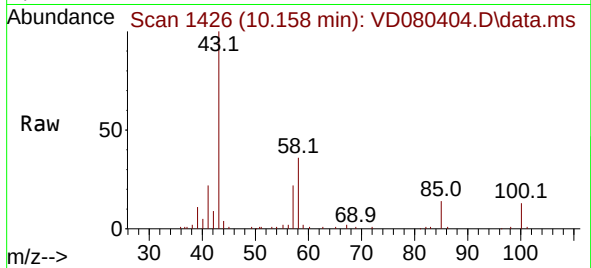




#51
4-Methyl-2-Pentanone
Concen: 48.617 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

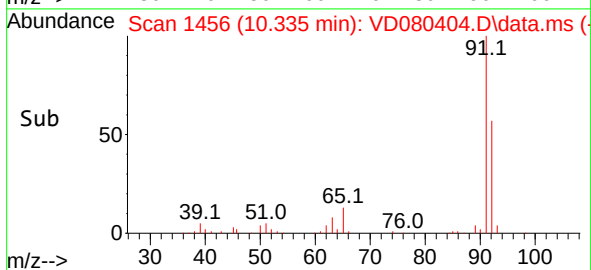
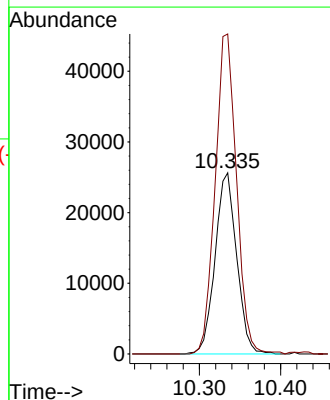
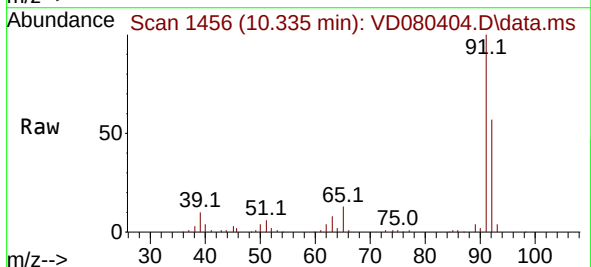
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

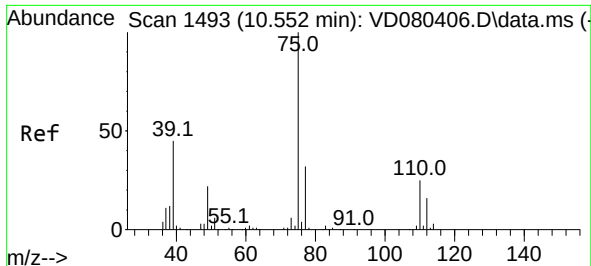
Tgt Ion: 43 Resp: 60485
Ion Ratio Lower Upper
43 100
58 37.9 30.2 45.2



#52
Toluene
Concen: 10.011 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion: 92 Resp: 47389
Ion Ratio Lower Upper
92 100
91 174.7 140.5 210.7

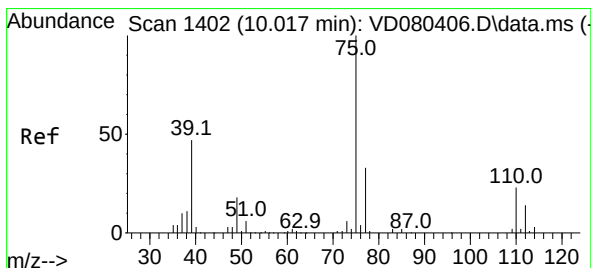
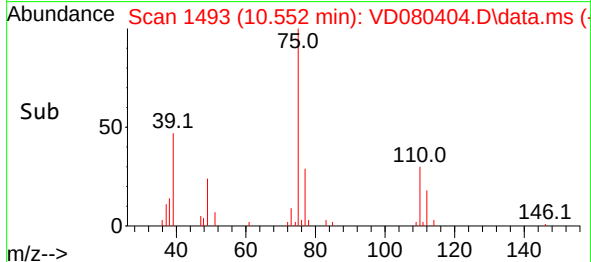
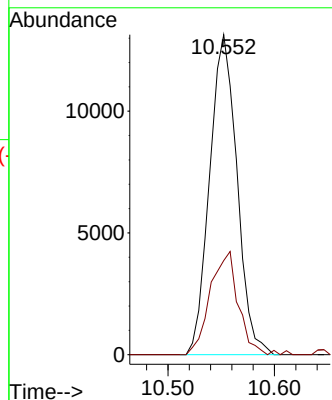
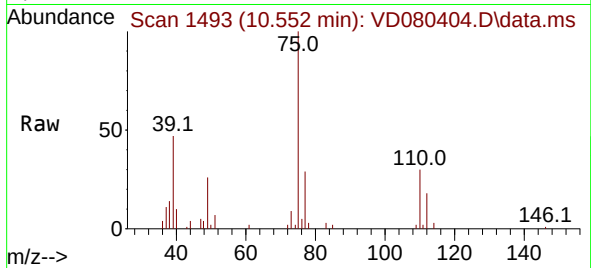




#53
t-1,3-Dichloropropene
Concen: 9.689 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

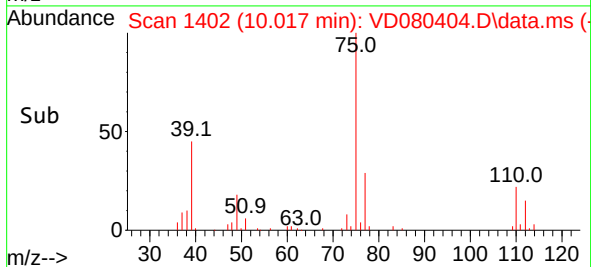
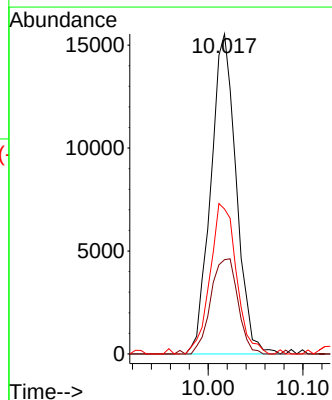
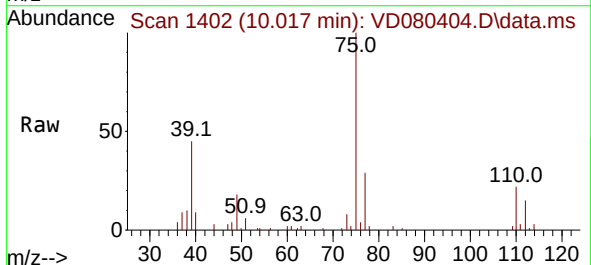
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

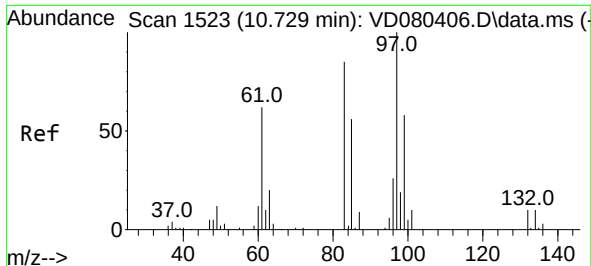
Tgt Ion: 75 Resp: 23429
Ion Ratio Lower Upper
75 100
77 29.4 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 9.887 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion: 75 Resp: 28935
Ion Ratio Lower Upper
75 100
77 29.4 26.6 40.0
39 45.3 37.8 56.6

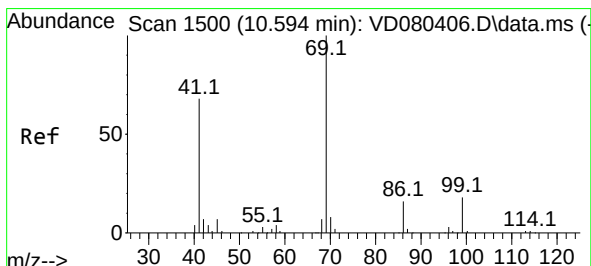
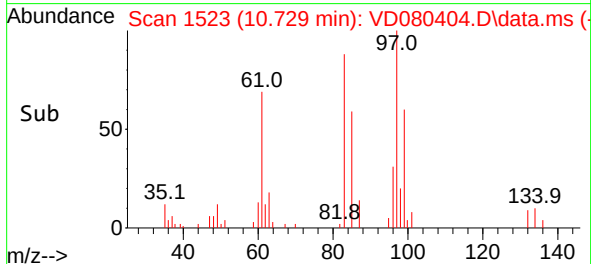
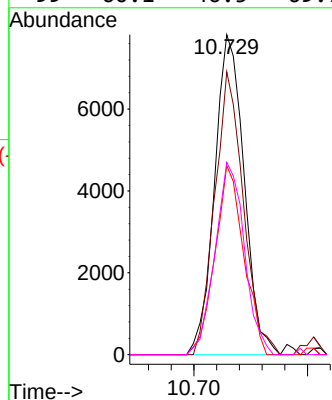
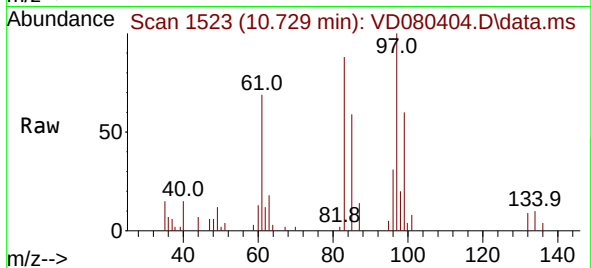




#55
1,1,2-Trichloroethane
Concen: 10.125 ug/l
RT: 10.729 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

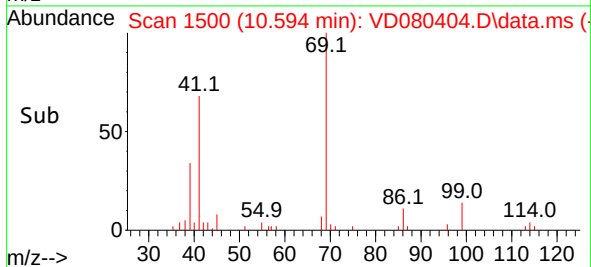
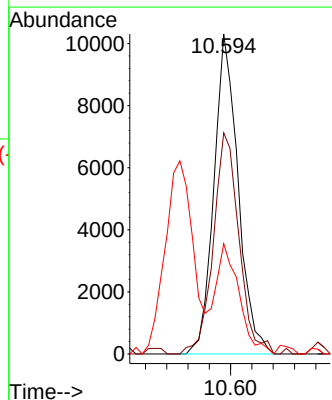
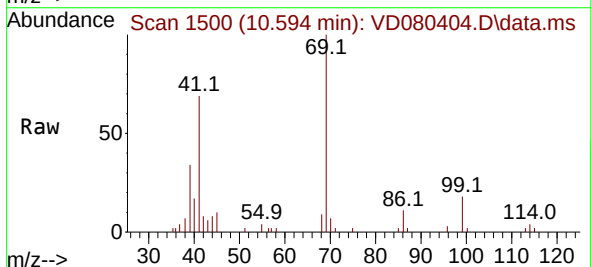
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

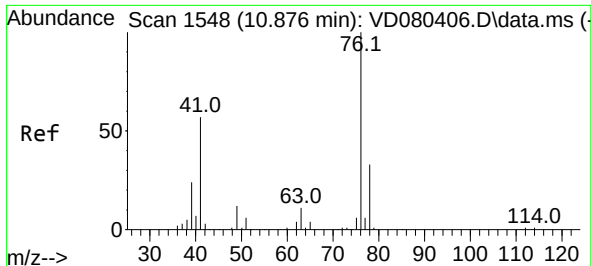
Tgt Ion:	97	Resp:	14067
Ion	Ratio	Lower	Upper
97	100		
83	88.4	67.6	101.4
85	59.1	45.0	67.6
99	60.1	46.5	69.7



#56
Ethyl methacrylate
Concen: 9.199 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion:	69	Resp:	16245
Ion	Ratio	Lower	Upper
69	100		
41	73.2	53.6	80.4
39	34.0	27.2	40.8





#57

1,3-Dichloropropane

Concen: 10.159 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. 0.000 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

Instrument :

MSVOA_D

ClientSampleId :

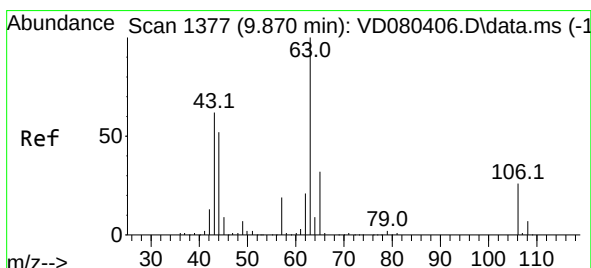
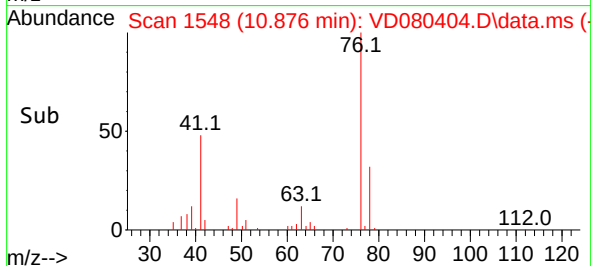
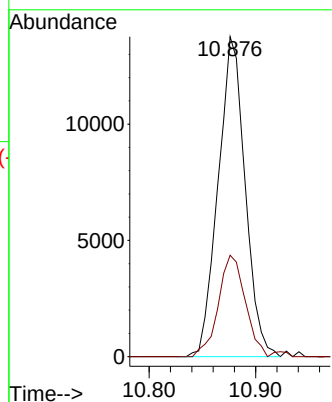
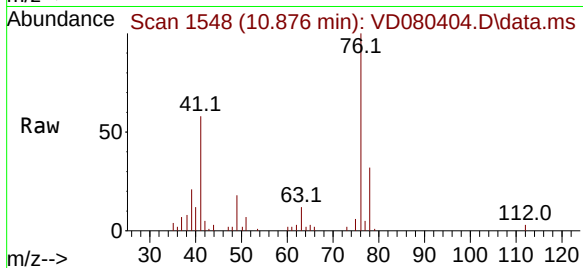
VSTDIC010

Tgt Ion: 76 Resp: 24210

Ion Ratio Lower Upper

76 100

78 31.8 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 43.736 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VD080404.D

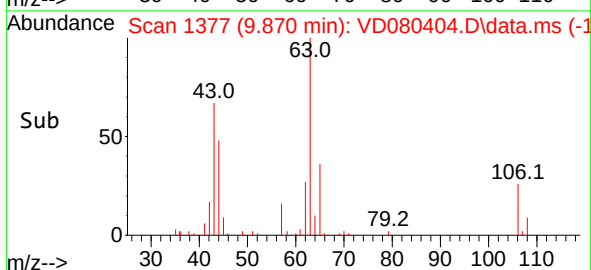
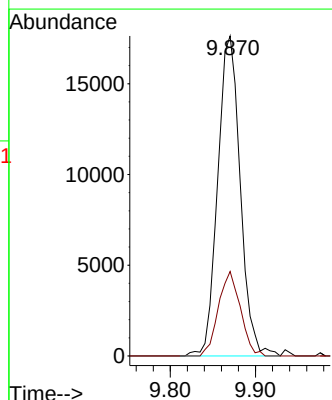
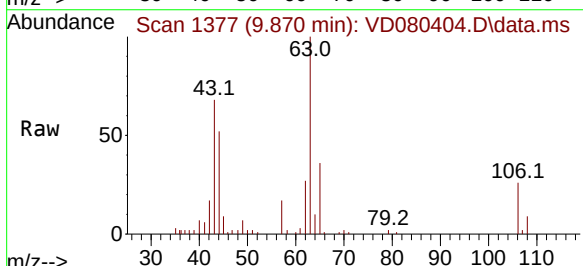
Acq: 04 Jun 2025 09:03

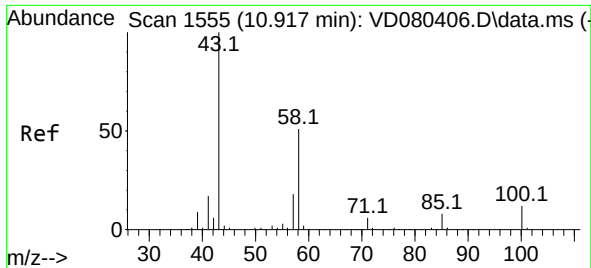
Tgt Ion: 63 Resp: 32369

Ion Ratio Lower Upper

63 100

106 25.8 21.0 31.6

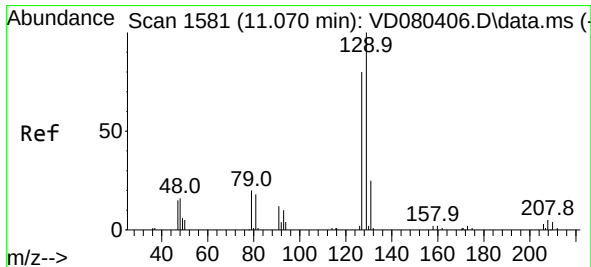
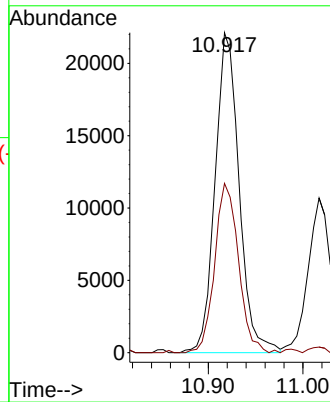
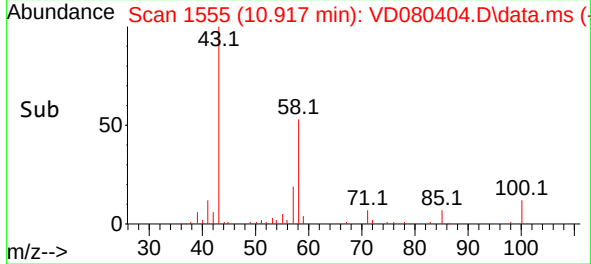
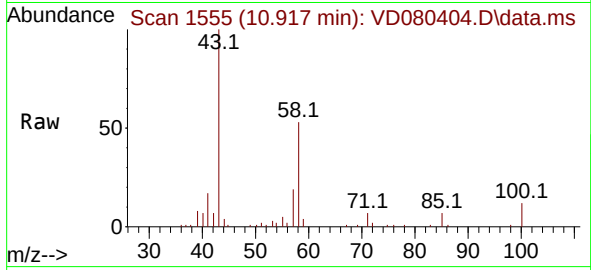




#59
2-Hexanone
Concen: 46.664 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

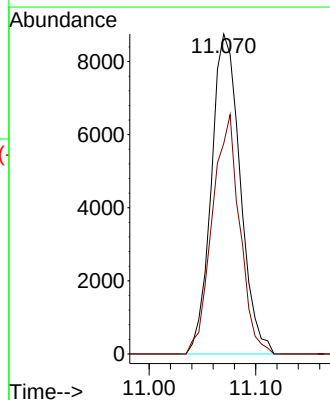
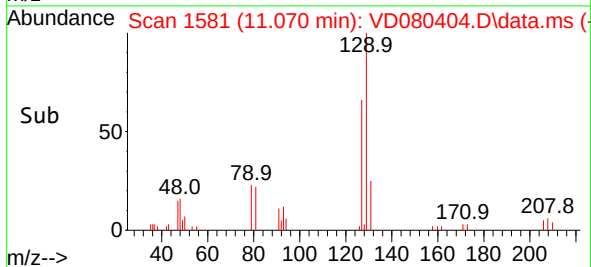
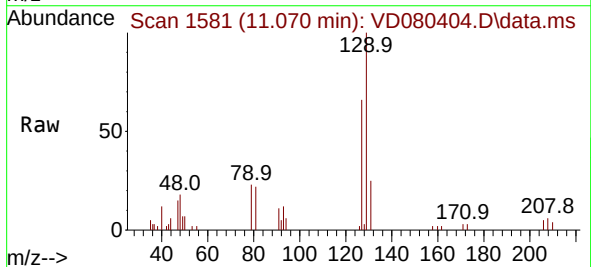
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

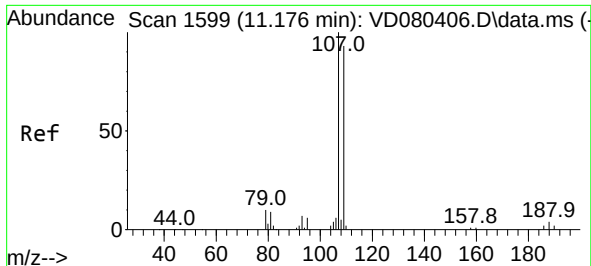
Tgt Ion: 43 Resp: 38997
Ion Ratio Lower Upper
43 100
58 52.2 26.9 80.6



#60
Dibromochloromethane
Concen: 9.658 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion: 129 Resp: 16450
Ion Ratio Lower Upper
129 100
127 71.2 38.2 114.6

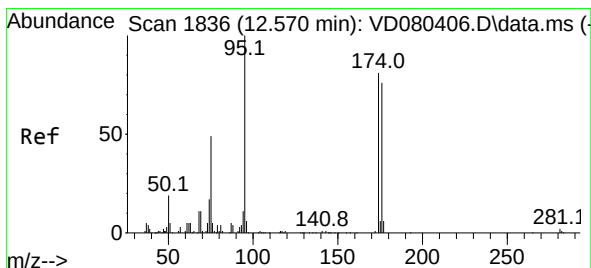
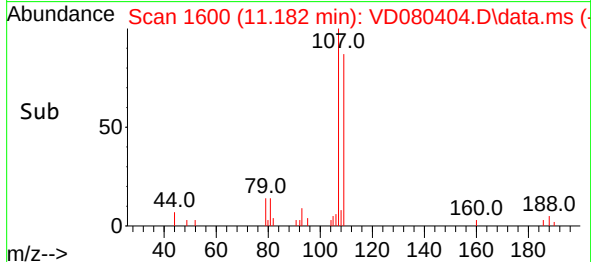
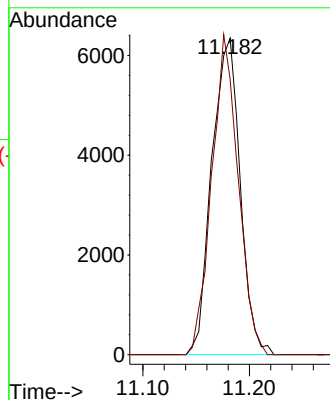
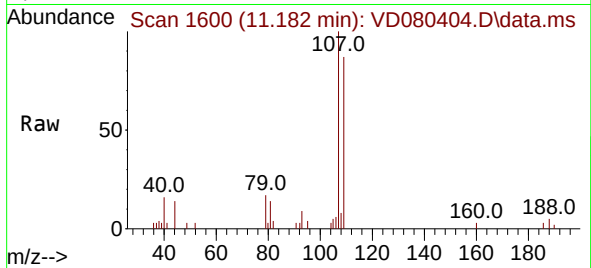




#61
1,2-Dibromoethane
Concen: 9.463 ug/l
RT: 11.182 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

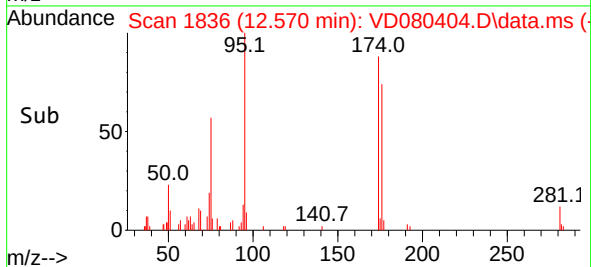
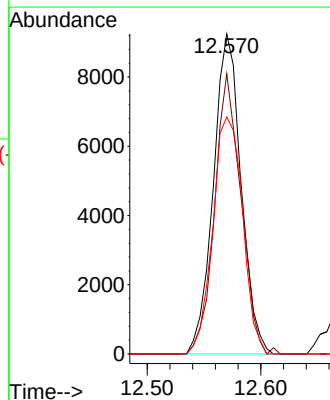
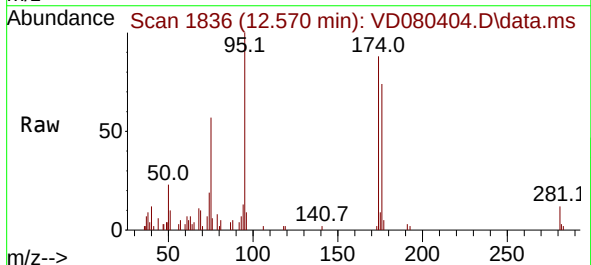
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

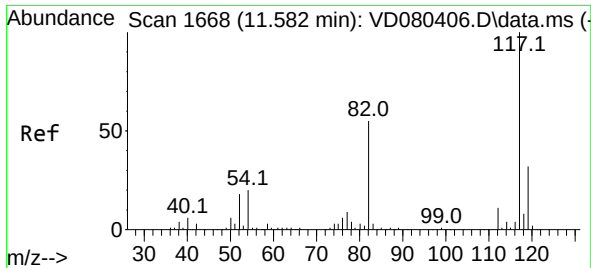
Tgt Ion:107 Resp: 11728
Ion Ratio Lower Upper
107 100
109 94.4 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 7.653 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion: 95 Resp: 15660
Ion Ratio Lower Upper
95 100
174 83.3 0.0 164.4
176 79.6 0.0 155.8

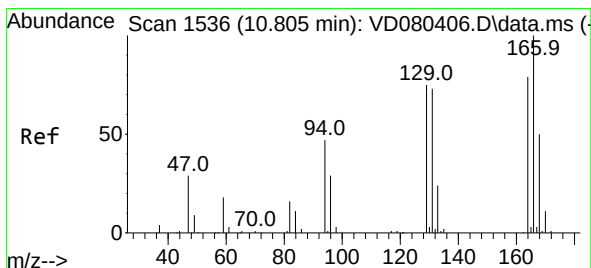
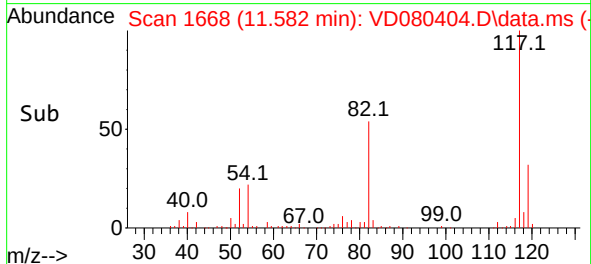
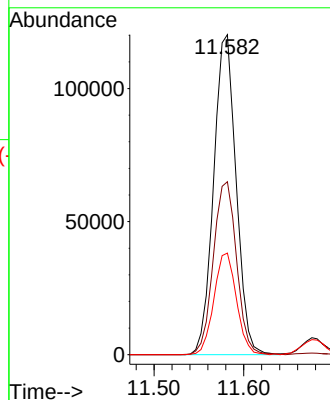
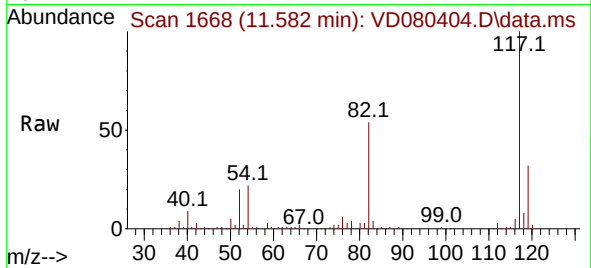




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

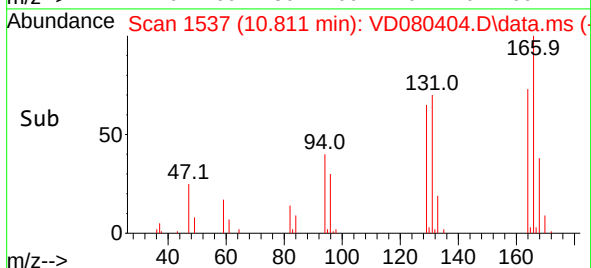
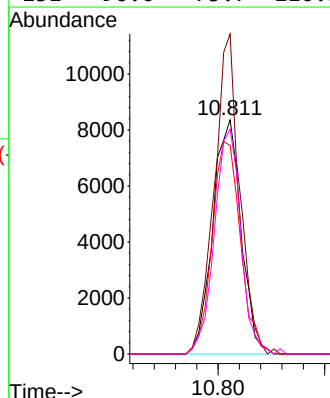
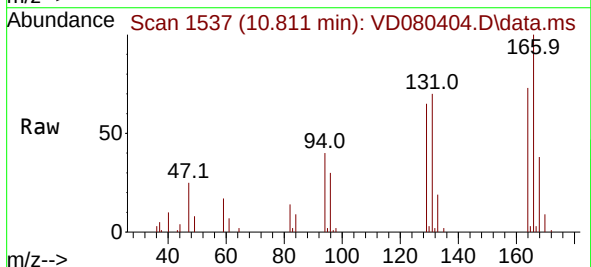
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

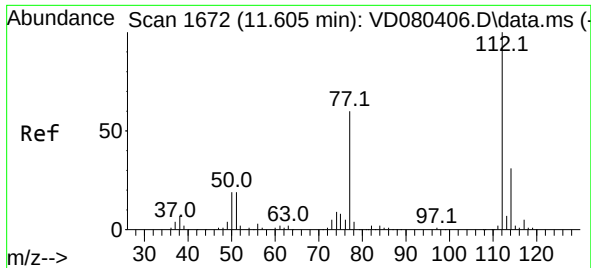
Tgt Ion:117 Resp: 209324
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 31.7 25.3 37.9



#64
Tetrachloroethene
Concen: 10.944 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. 0.006 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion:164 Resp: 15381
Ion Ratio Lower Upper
164 100
166 136.7 101.7 152.5
129 89.1 76.6 114.8
131 96.0 73.7 110.5

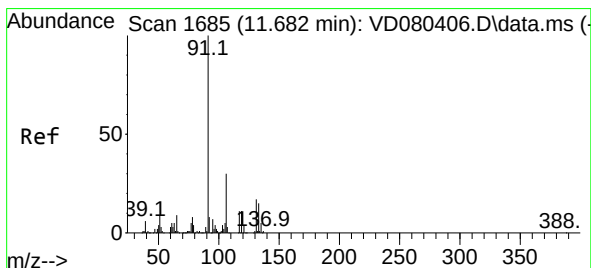
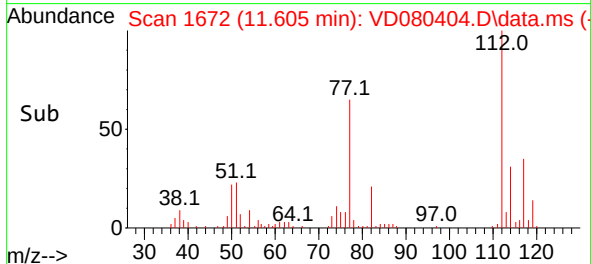
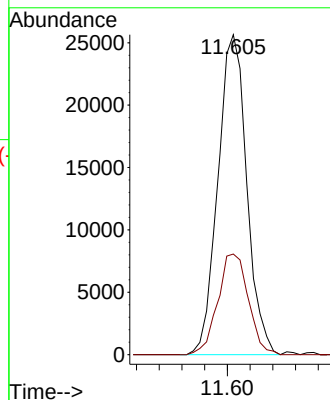
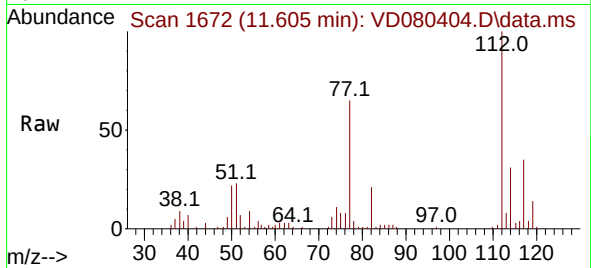




#65
Chlorobenzene
Concen: 9.759 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

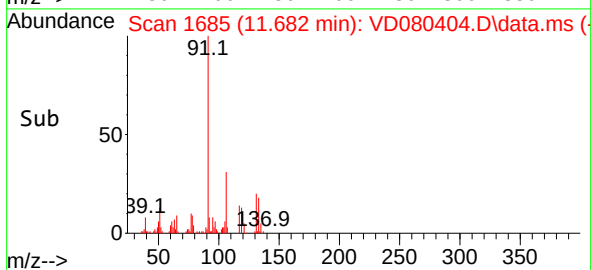
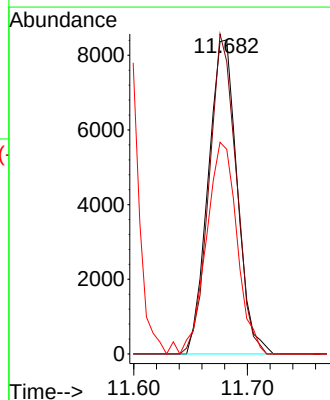
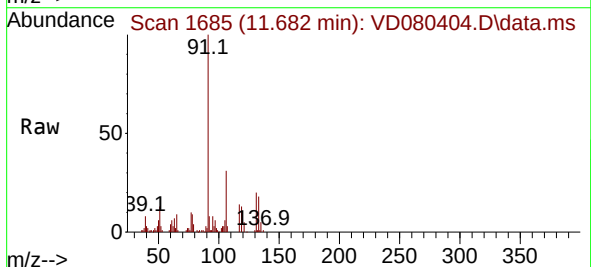
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

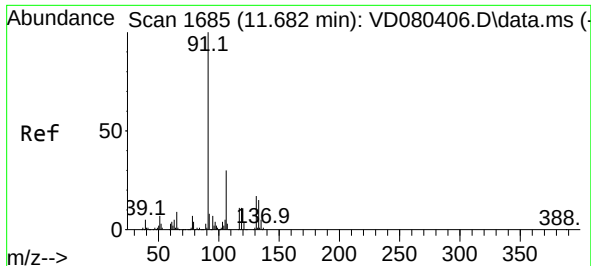
Tgt Ion:112 Resp: 45185
Ion Ratio Lower Upper
112 100
114 31.4 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 9.601 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion:131 Resp: 14925
Ion Ratio Lower Upper
131 100
133 95.0 45.9 137.6
119 71.7 33.1 99.5

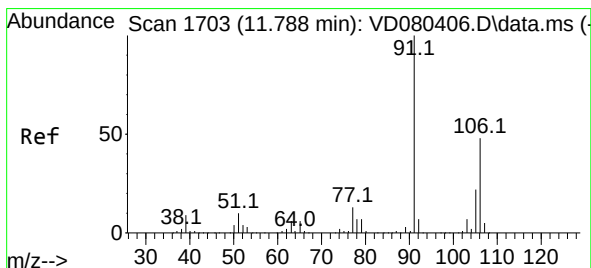
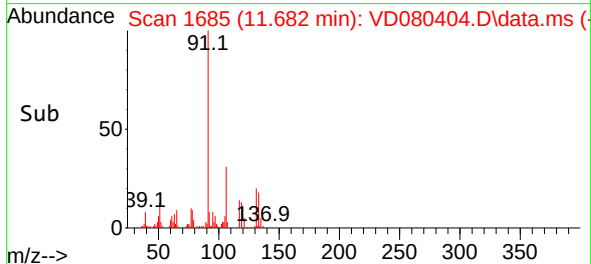
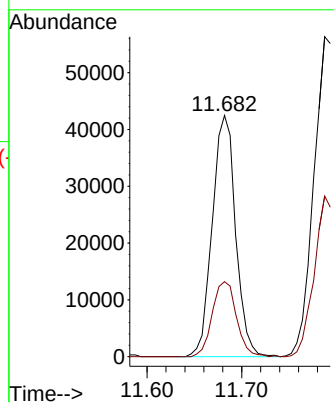
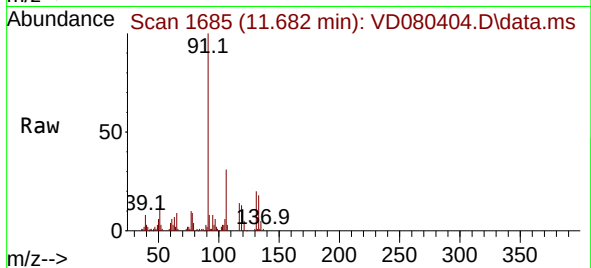




#67
Ethyl Benzene
Concen: 9.117 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

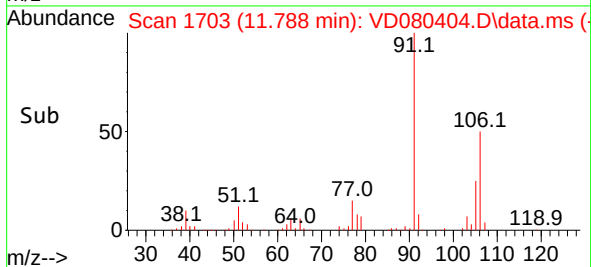
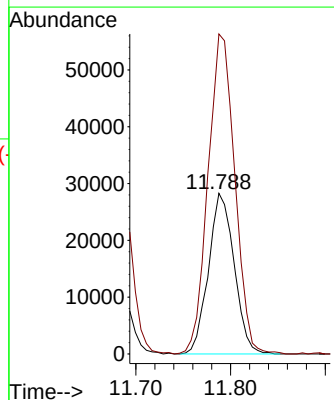
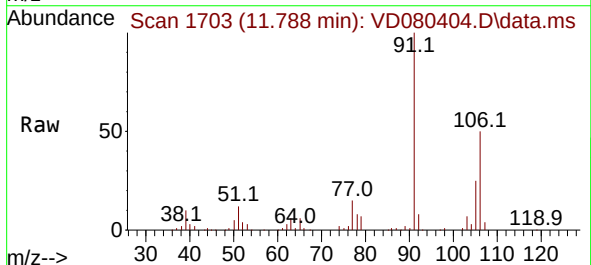
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

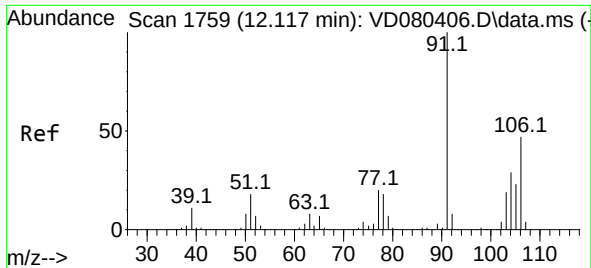
Tgt Ion: 91 Resp: 72644
Ion Ratio Lower Upper
91 100
106 31.1 24.4 36.6



#68
m/p-Xylenes
Concen: 17.617 ug/l
RT: 11.788 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion: 106 Resp: 53266
Ion Ratio Lower Upper
106 100
91 207.6 163.6 245.4

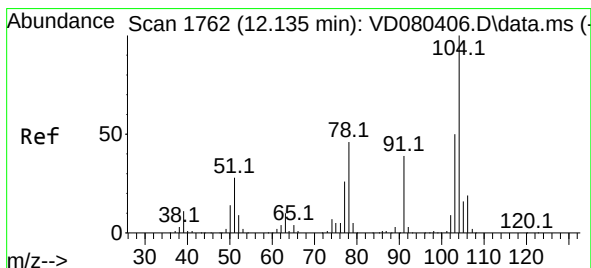
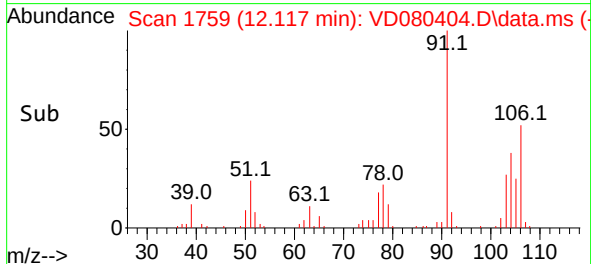
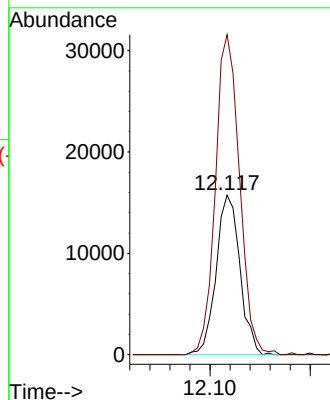
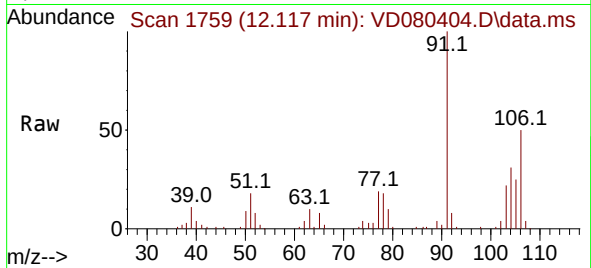




#69
o-Xylene
Concen: 9.236 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

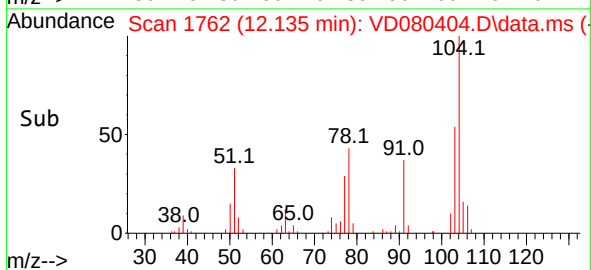
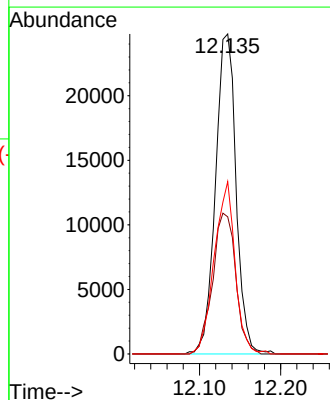
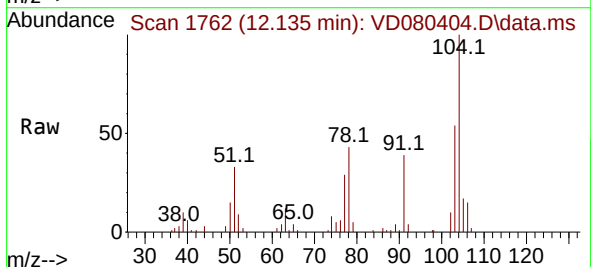
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

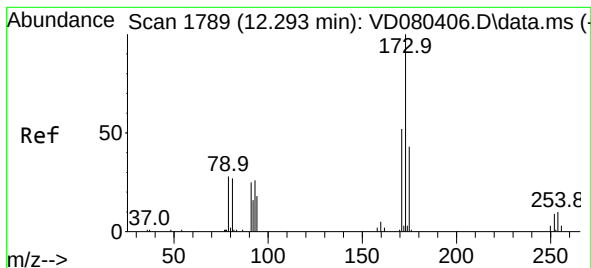
Tgt Ion:106 Resp: 25911
Ion Ratio Lower Upper
106 100
91 203.6 108.2 324.6



#70
Styrene
Concen: 8.848 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion:104 Resp: 43812
Ion Ratio Lower Upper
104 100
78 49.5 39.9 59.9
103 54.3 45.0 67.4





#71

Bromoform

Concen: 9.302 ug/l

RT: 12.299 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

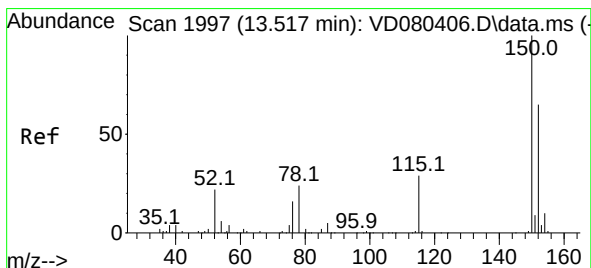
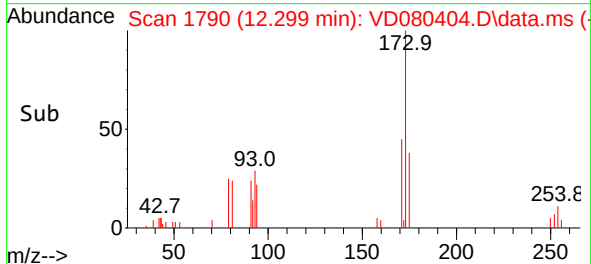
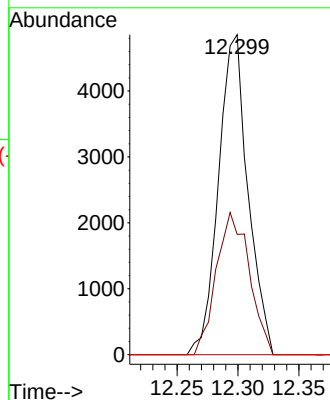
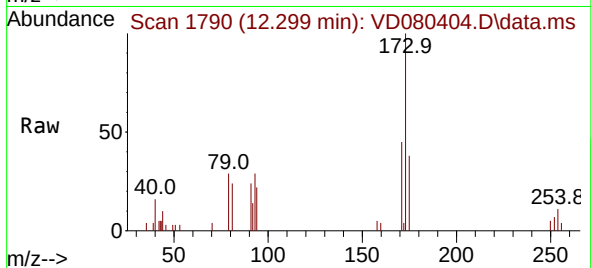
Tgt Ion:173 Resp: 8174

Ion Ratio Lower Upper

173 100

175 49.8 23.4 70.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.517 min Scan# 1997

Delta R.T. 0.000 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

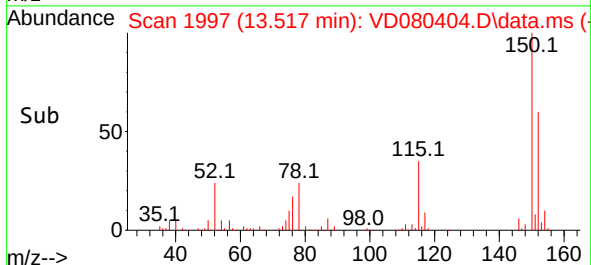
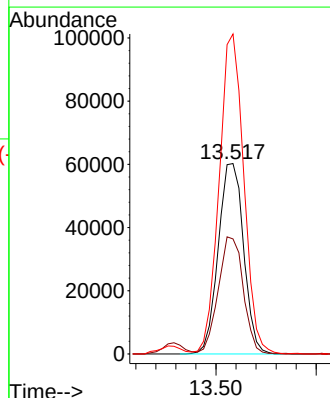
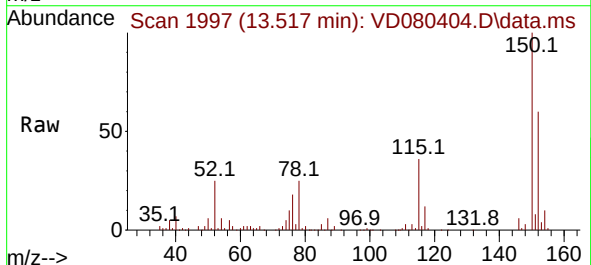
Tgt Ion:152 Resp: 105500

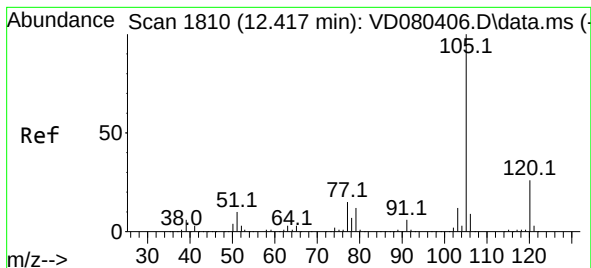
Ion Ratio Lower Upper

152 100

115 60.7 30.1 90.5

150 163.3 0.0 354.2





#73

Isopropylbenzene

Concen: 8.514 ug/l

RT: 12.417 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

Instrument :

MSVOA_D

ClientSampleId :

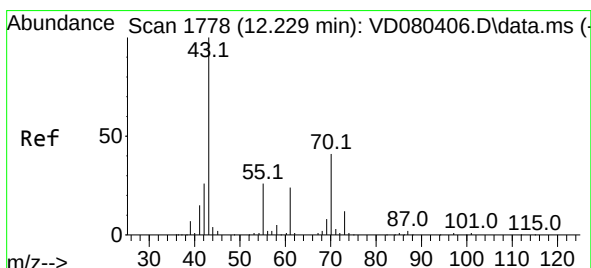
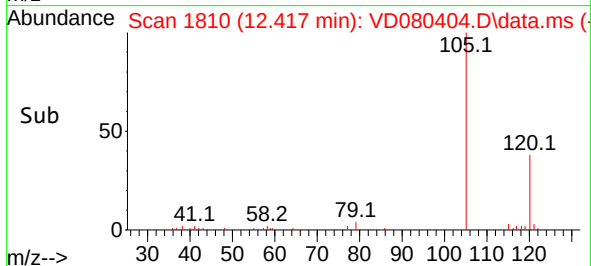
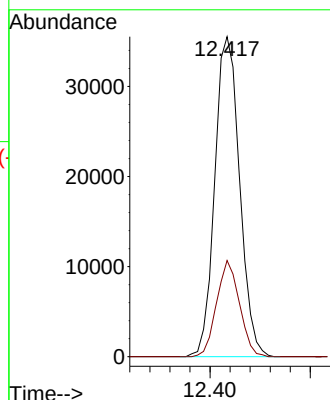
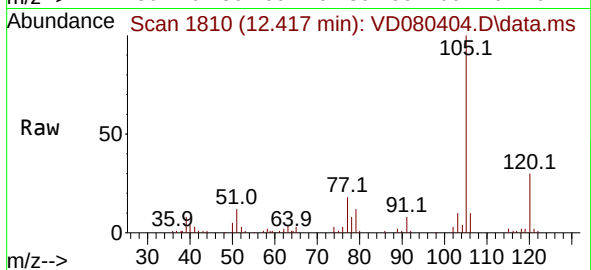
VSTDIC010

Tgt Ion:105 Resp: 60971

Ion Ratio Lower Upper

105 100

120 27.7 12.9 38.7



#74

N-ethyl acetate

Concen: 9.617 ug/l

RT: 12.229 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

Tgt Ion: 43 Resp: 19228

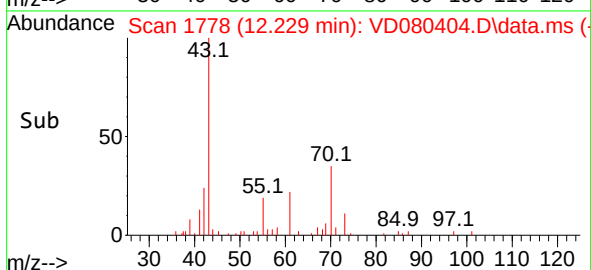
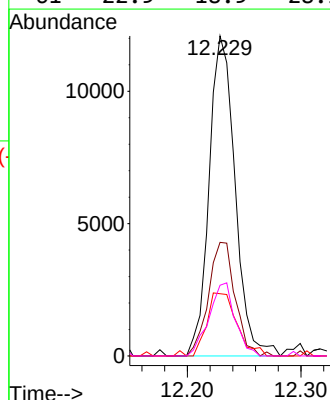
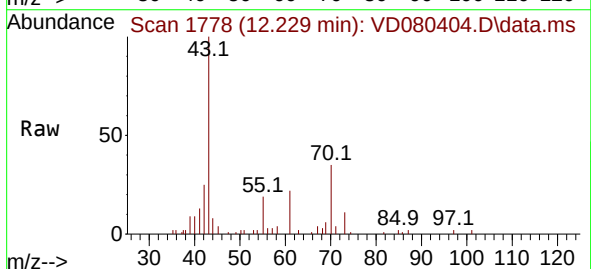
Ion Ratio Lower Upper

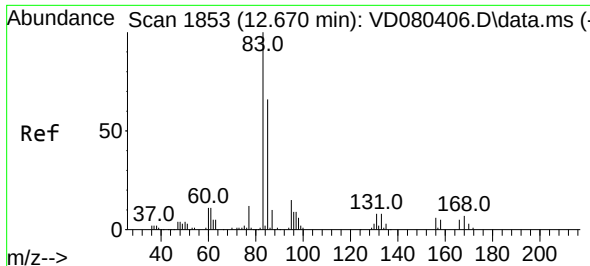
43 100

70 36.5 32.6 48.8

55 22.8 20.0 30.0

61 22.9 18.9 28.3

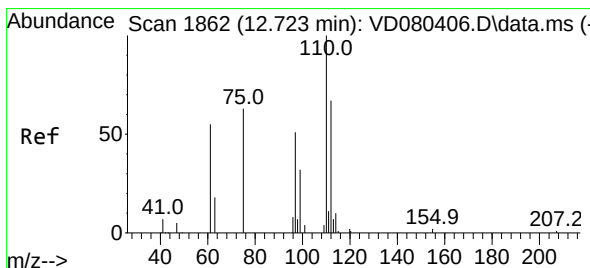
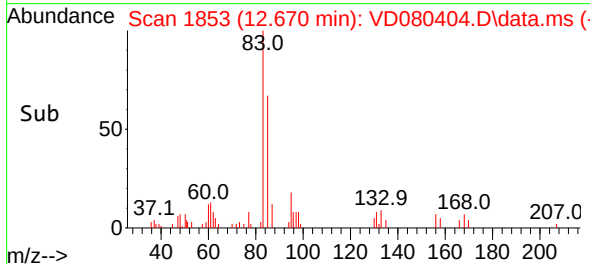
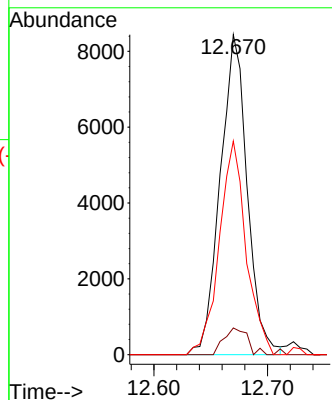
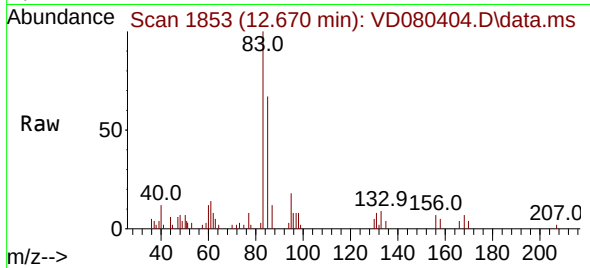




#75
 1,1,2,2-Tetrachloroethane
 Concen: 9.433 ug/l
 RT: 12.670 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VD080404.D
 Acq: 04 Jun 2025 09:03

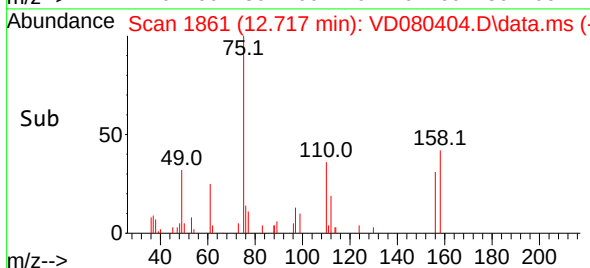
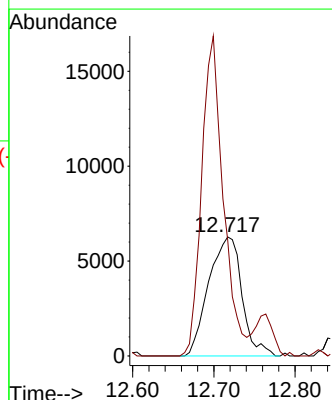
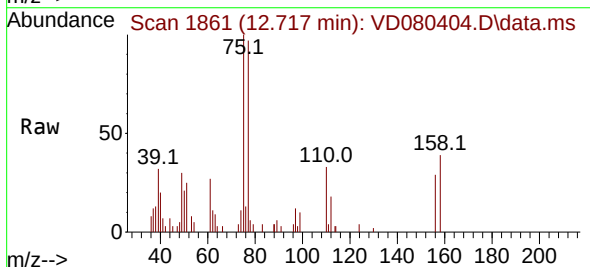
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

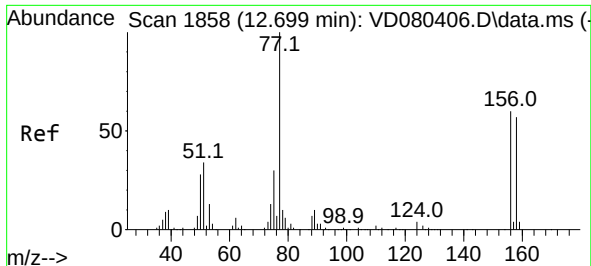
Tgt Ion: 83 Resp: 13972
 Ion Ratio Lower Upper
 83 100
 131 7.3 4.6 13.8
 85 66.2 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 14.638 ug/l
 RT: 12.717 min Scan# 1861
 Delta R.T. -0.006 min
 Lab File: VD080404.D
 Acq: 04 Jun 2025 09:03

Tgt Ion: 75 Resp: 17835
 Ion Ratio Lower Upper
 75 100
 77 175.1 0.0 0.0#

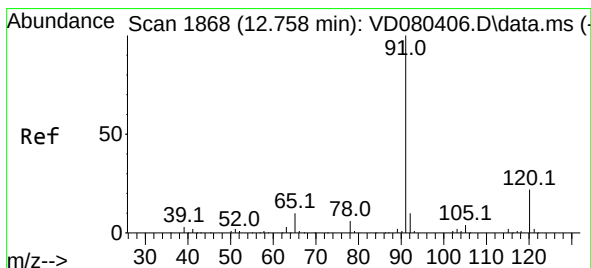
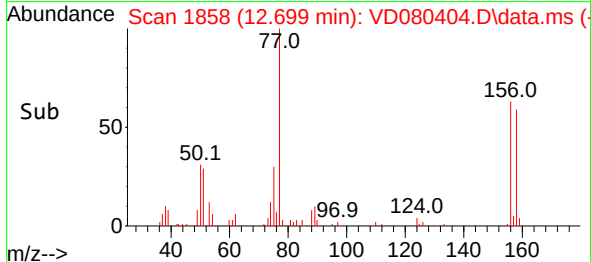
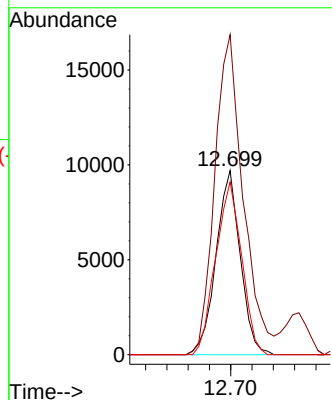
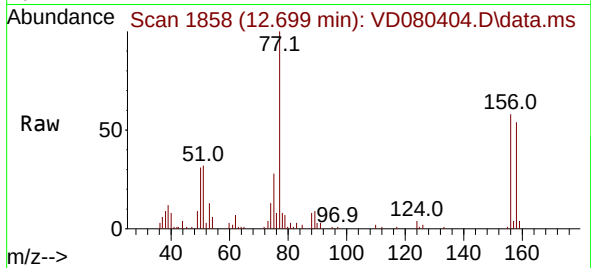




#77
Bromobenzene
Concen: 8.626 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

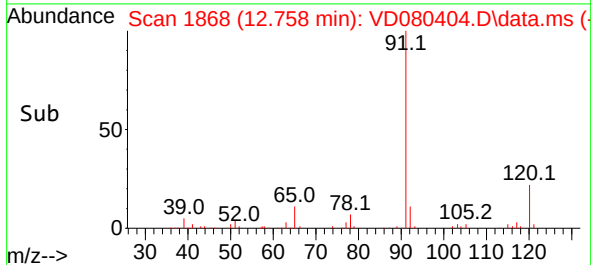
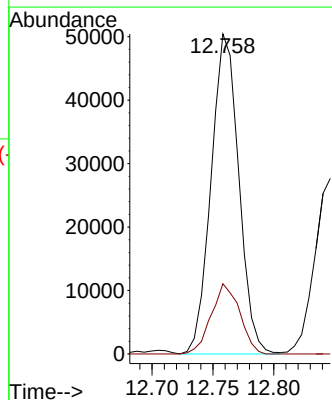
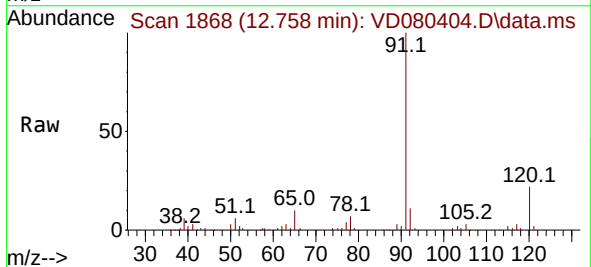
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

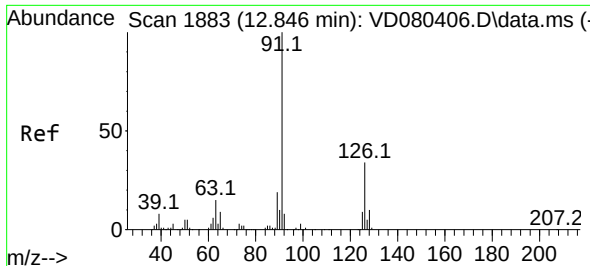
Tgt Ion:156 Resp: 15317
Ion Ratio Lower Upper
156 100
77 203.9 95.3 286.1
158 100.7 48.0 144.0



#78
n-propylbenzene
Concen: 8.593 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion: 91 Resp: 79910
Ion Ratio Lower Upper
91 100
120 22.5 11.2 33.5

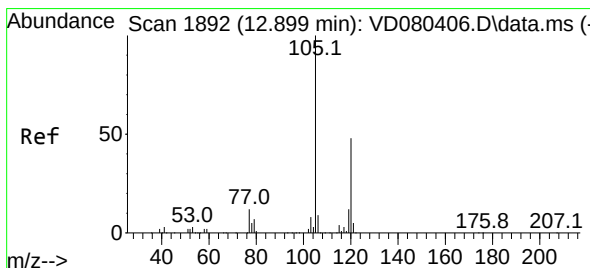
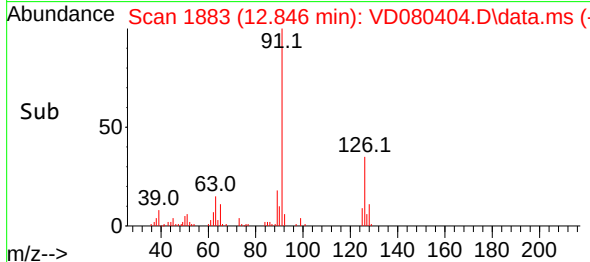
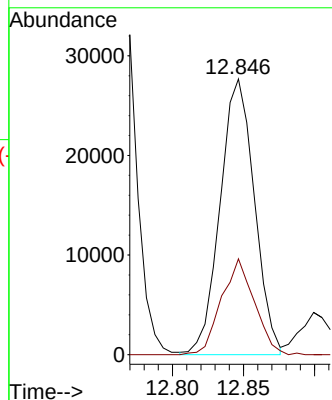
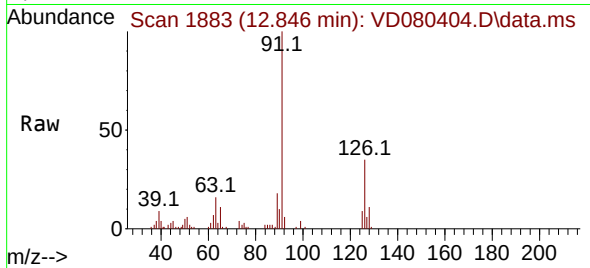




#79
2-Chlorotoluene
Concen: 8.753 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

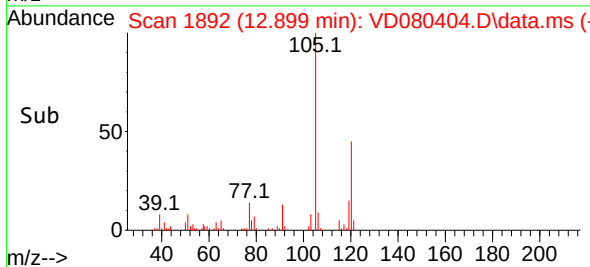
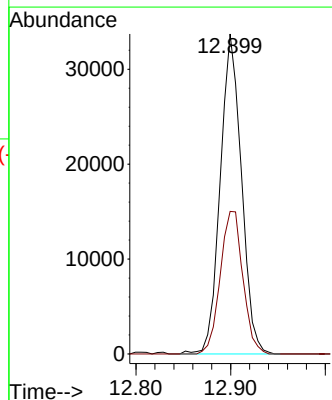
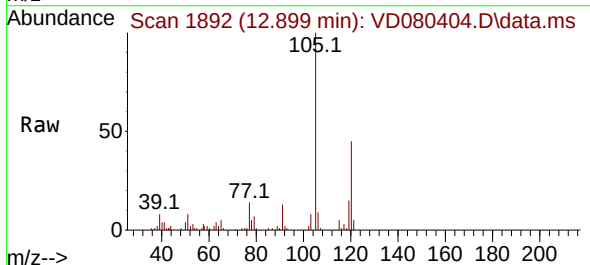
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

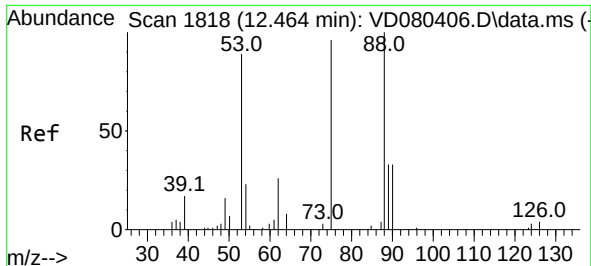
Tgt Ion: 91 Resp: 46539
Ion Ratio Lower Upper
91 100
126 33.4 16.5 49.5



#80
1,3,5-Trimethylbenzene
Concen: 8.561 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion: 105 Resp: 52481
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.4

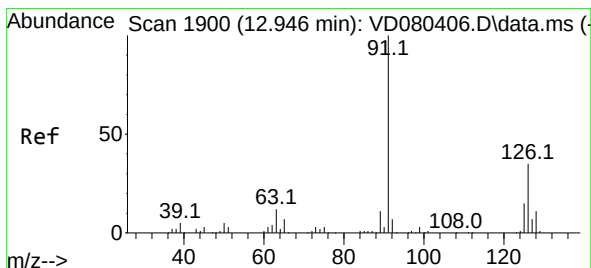
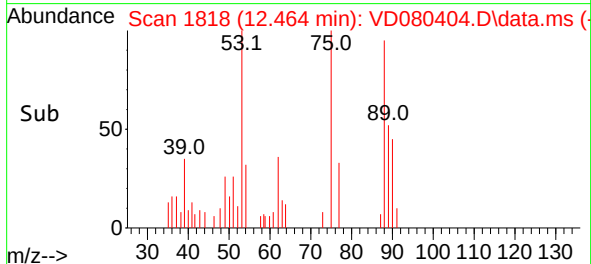
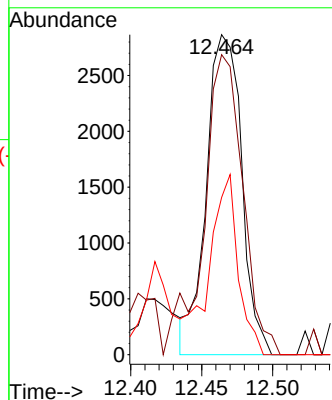
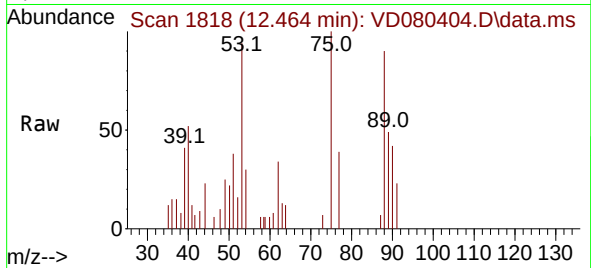




#81
trans-1,4-Dichloro-2-butene
Concen: 9.110 ug/l
RT: 12.464 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

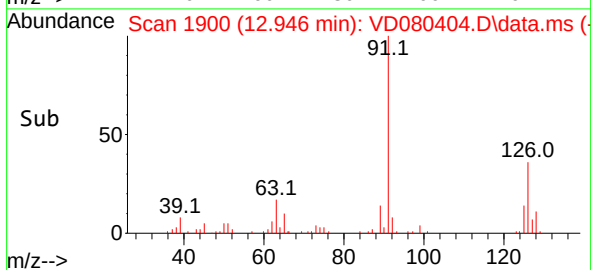
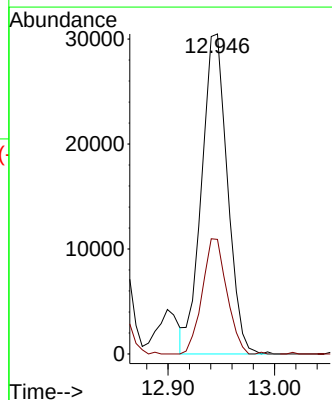
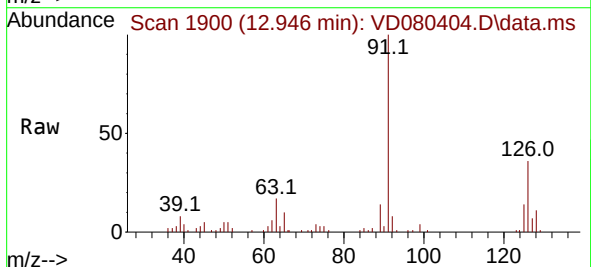
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

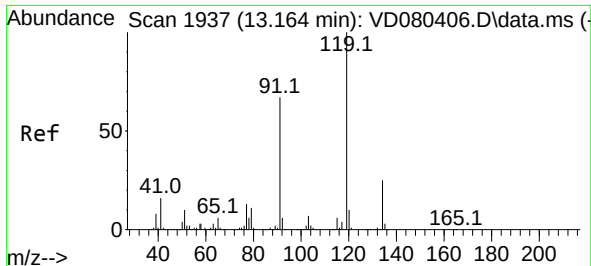
Tgt Ion: 75 Resp: 4958
Ion Ratio Lower Upper
75 100
53 103.0 69.9 104.9
89 43.6 34.1 51.1



#82
4-Chlorotoluene
Concen: 9.086 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion: 91 Resp: 51430
Ion Ratio Lower Upper
91 100
126 34.3 16.5 49.5

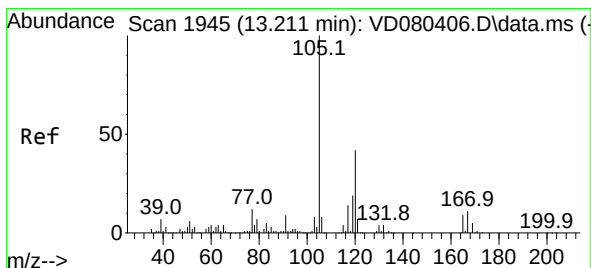
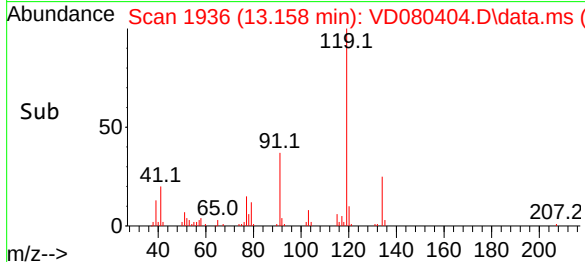
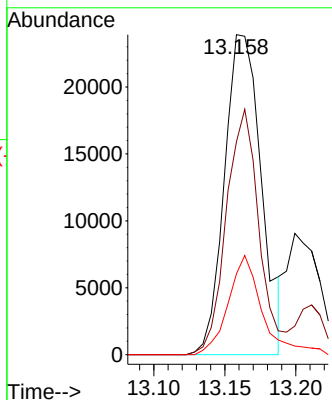
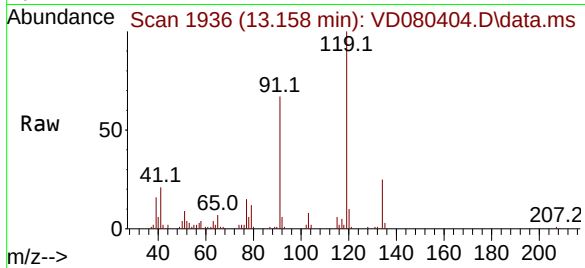




#83
 tert-Butylbenzene
 Concen: 8.471 ug/l
 RT: 13.158 min Scan# 1936
 Delta R.T. -0.006 min
 Lab File: VD080404.D
 Acq: 04 Jun 2025 09:03

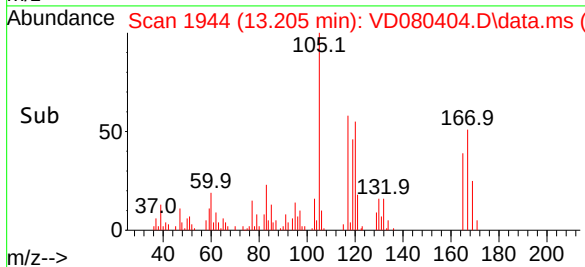
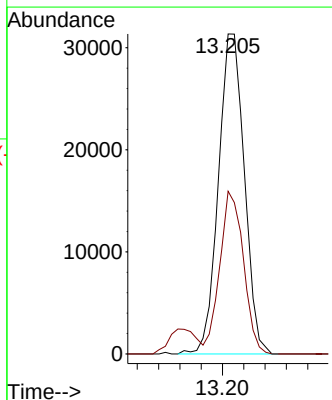
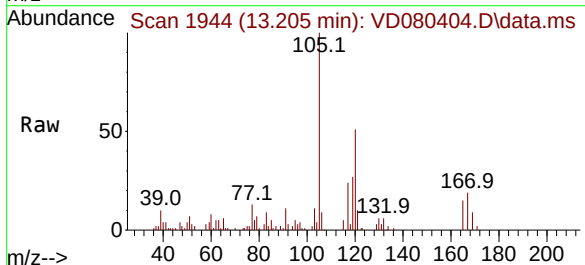
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

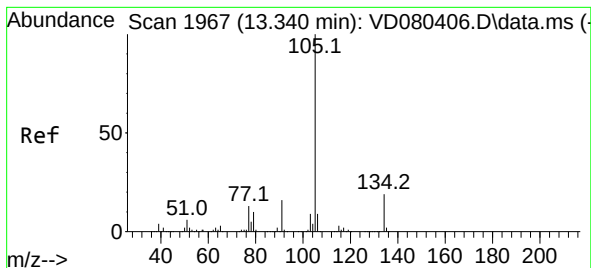
Tgt Ion:119 Resp: 43226
 Ion Ratio Lower Upper
 119 100
 91 68.4 34.2 102.5
 134 28.7 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 8.559 ug/l
 RT: 13.205 min Scan# 1944
 Delta R.T. -0.006 min
 Lab File: VD080404.D
 Acq: 04 Jun 2025 09:03

Tgt Ion:105 Resp: 52959
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.1 66.5





#85

sec-Butylbenzene

Concen: 8.920 ug/l

RT: 13.340 min Scan# 1967

Delta R.T. 0.000 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

Instrument :

MSVOA_D

ClientSampleId :

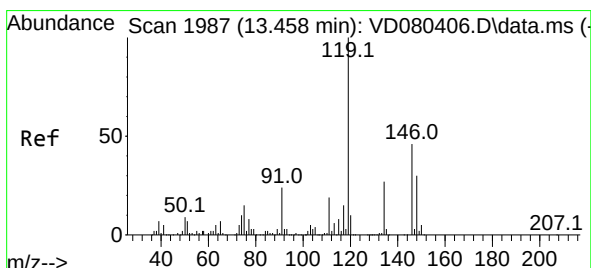
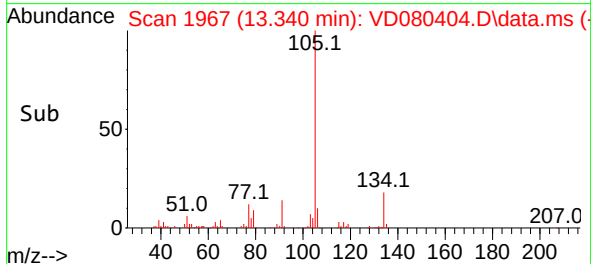
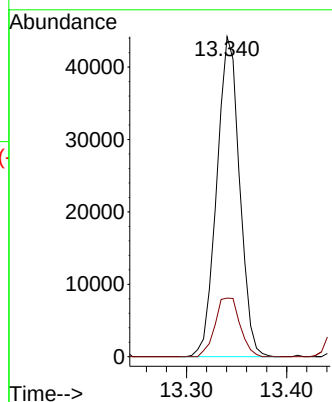
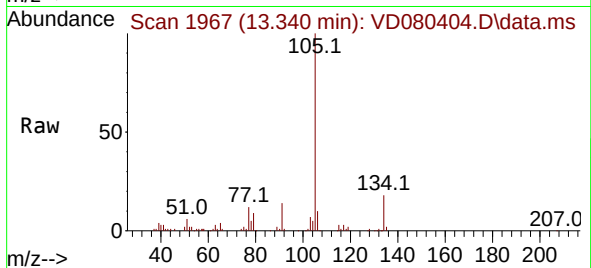
VSTDIC010

Tgt Ion:105 Resp: 69819

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.5



#86

p-Isopropyltoluene

Concen: 9.743 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. 0.000 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

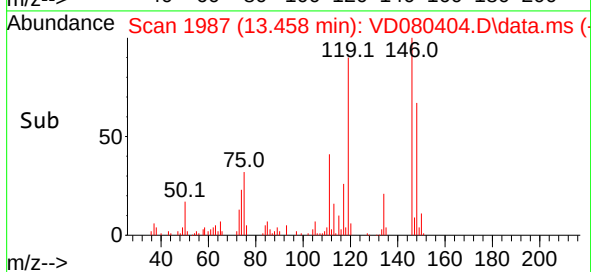
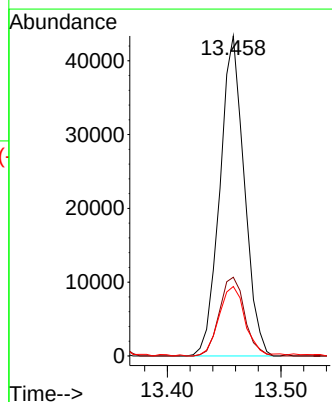
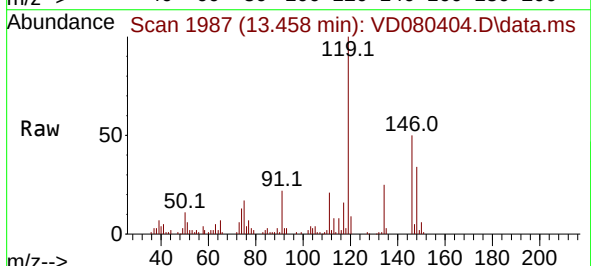
Tgt Ion:119 Resp: 64672

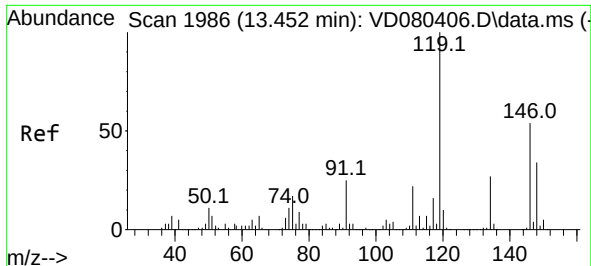
Ion Ratio Lower Upper

119 100

134 25.5 13.3 39.9

91 23.5 12.0 36.1

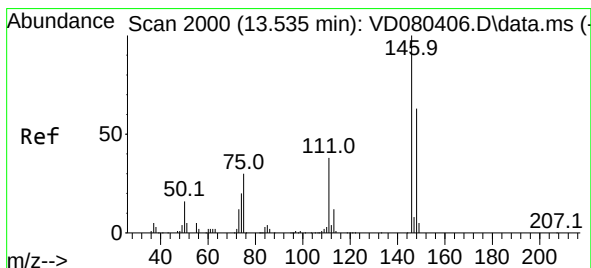
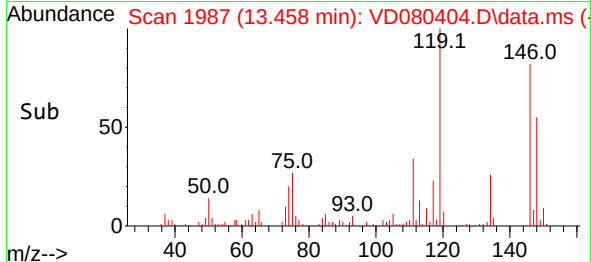
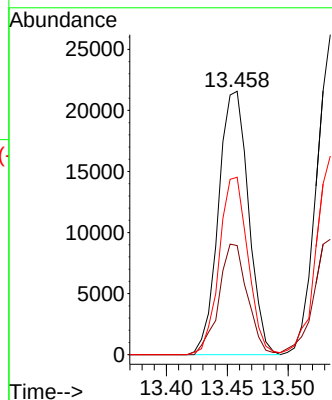
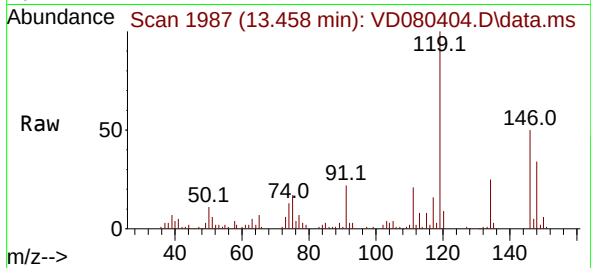




#87
1,3-Dichlorobenzene
Concen: 10.247 ug/l
RT: 13.458 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

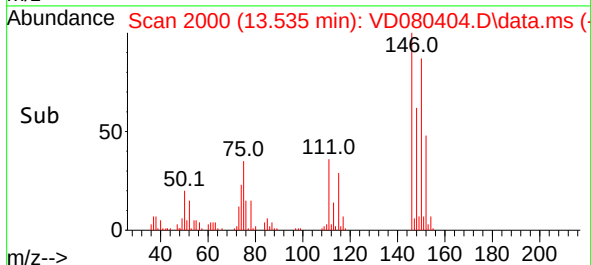
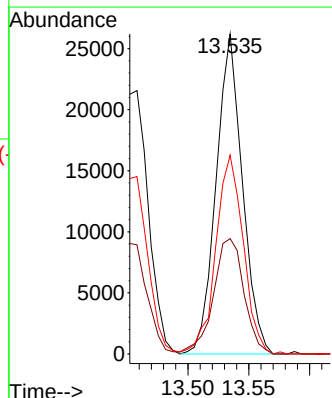
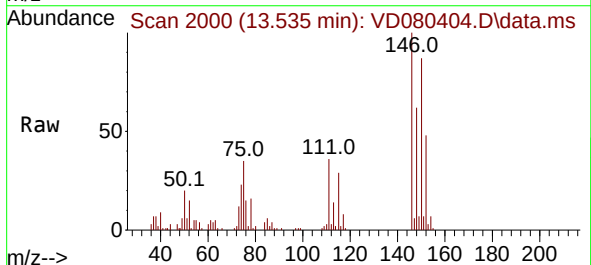
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

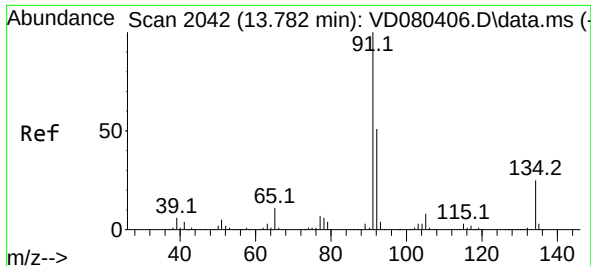
Tgt Ion:146 Resp: 37055
Ion Ratio Lower Upper
146 100
111 39.9 20.3 60.8
148 64.4 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 10.689 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion:146 Resp: 39374
Ion Ratio Lower Upper
146 100
111 41.8 19.0 57.0
148 65.0 31.2 93.6

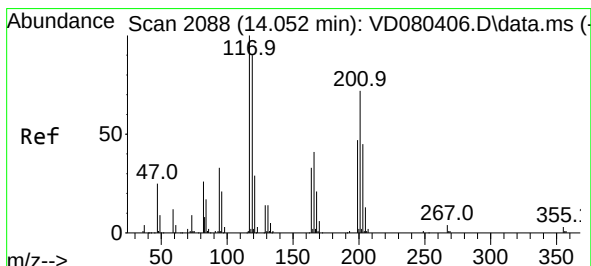
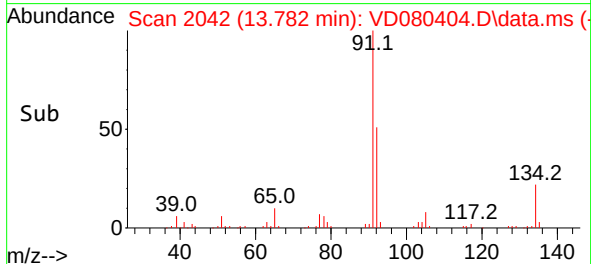
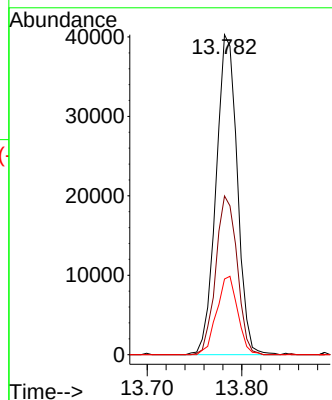
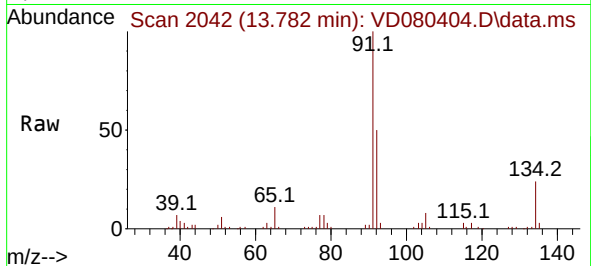




#89
n-Butylbenzene
Concen: 9.594 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

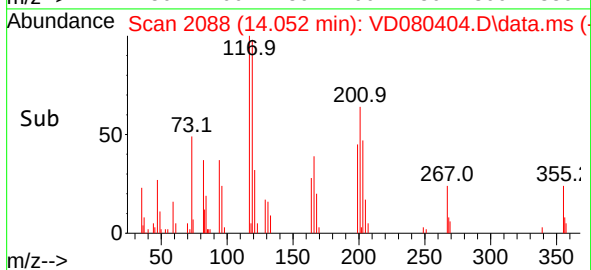
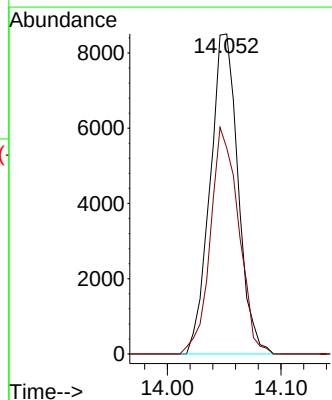
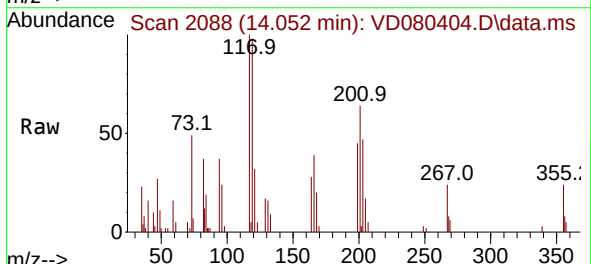
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

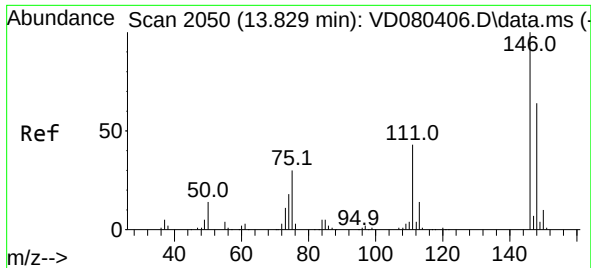
Tgt Ion:	91	Resp:	62839
Ion Ratio	Lower	Upper	
91	100		
92	49.9	26.5	79.5
134	24.2	12.3	36.8



#90
Hexachloroethane
Concen: 10.434 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion:	117	Resp:	14567
Ion Ratio	Lower	Upper	
117	100		
201	71.3	36.6	109.8

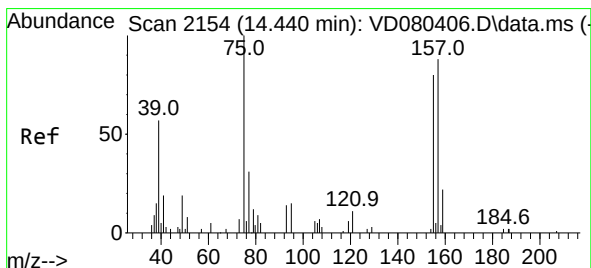
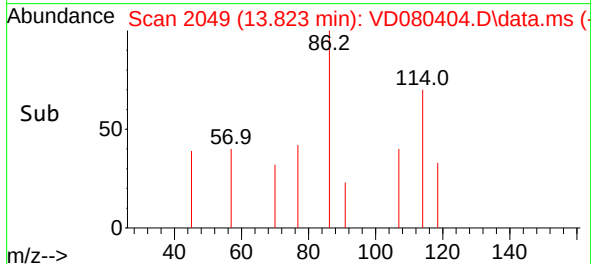
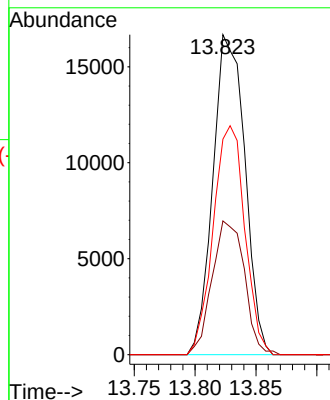
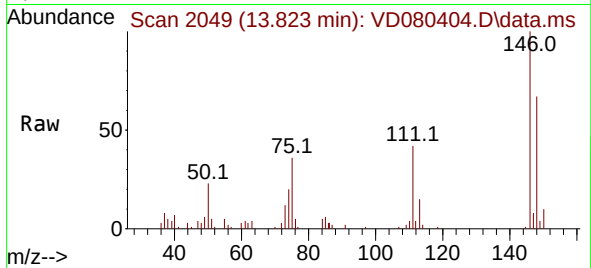




#91
1,2-Dichlorobenzene
Concen: 9.536 ug/l
RT: 13.823 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

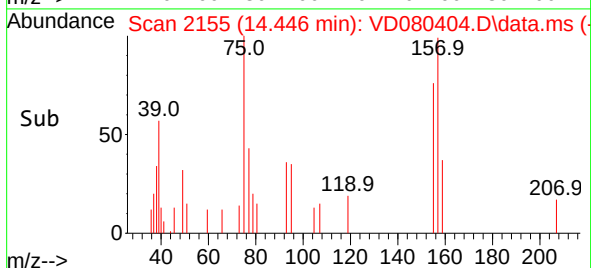
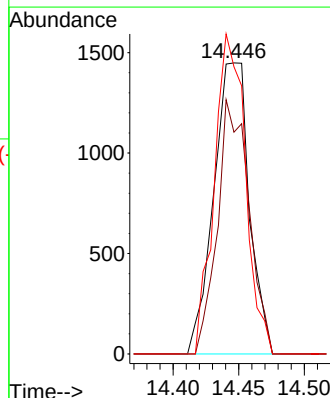
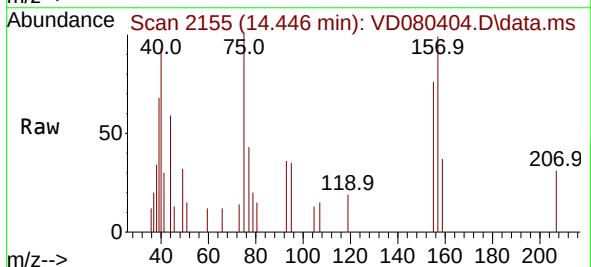
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

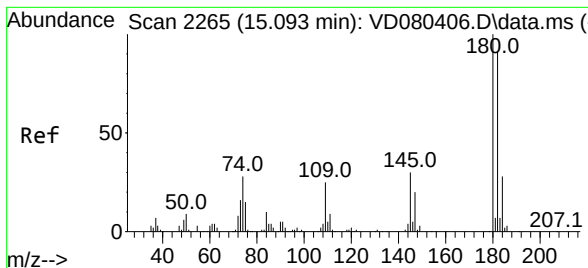
Tgt Ion:146 Resp: 30393
Ion Ratio Lower Upper
146 100
111 42.3 21.1 63.3
148 70.8 32.6 97.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 11.409 ug/l
RT: 14.446 min Scan# 2155
Delta R.T. 0.006 min
Lab File: VD080404.D
Acq: 04 Jun 2025 09:03

Tgt Ion: 75 Resp: 2737
Ion Ratio Lower Upper
75 100
155 77.2 37.6 112.9
157 96.1 49.5 148.5





#93

1,2,4-Trichlorobenzene

Concen: 8.617 ug/l

RT: 15.093 min Scan# 2265

Delta R.T. 0.000 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

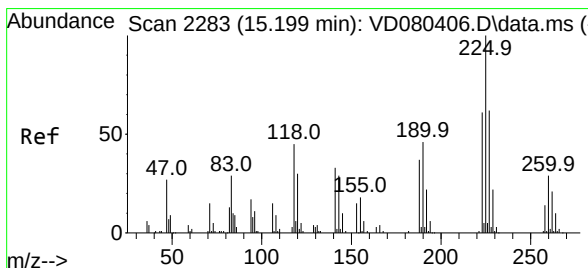
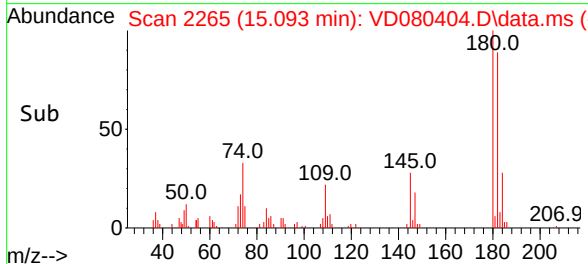
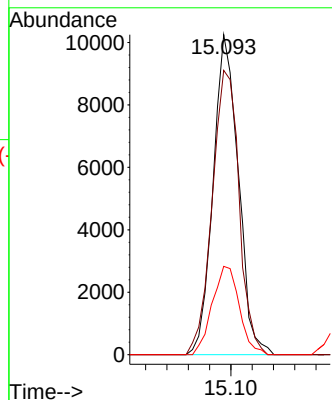
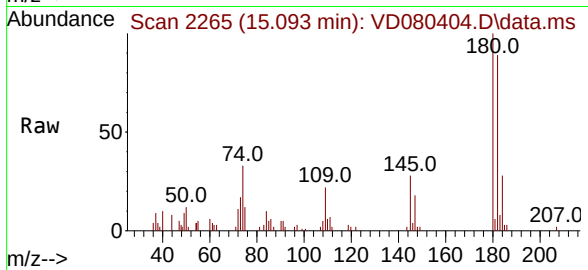
Tgt Ion:180 Resp: 16790

Ion Ratio Lower Upper

180 100

182 94.7 47.6 142.8

145 29.7 15.0 45.1



#94

Hexachlorobutadiene

Concen: 8.504 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. 0.000 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

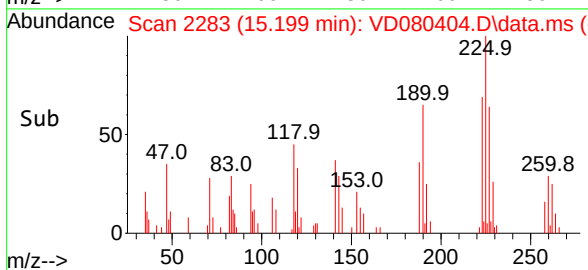
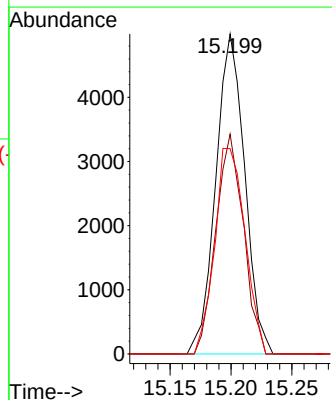
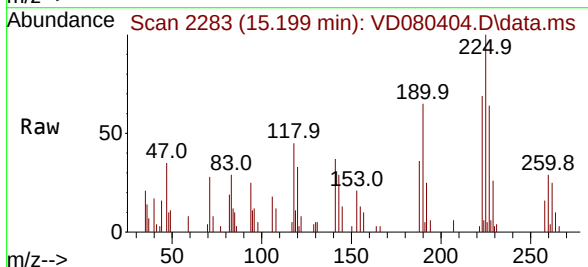
Tgt Ion:225 Resp: 8255

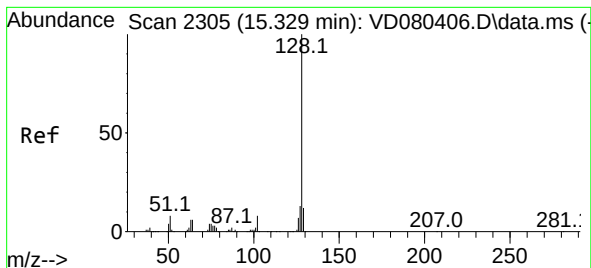
Ion Ratio Lower Upper

225 100

223 65.3 31.6 95.0

227 67.5 31.1 93.2





#95

Naphthalene

Concen: 8.340 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

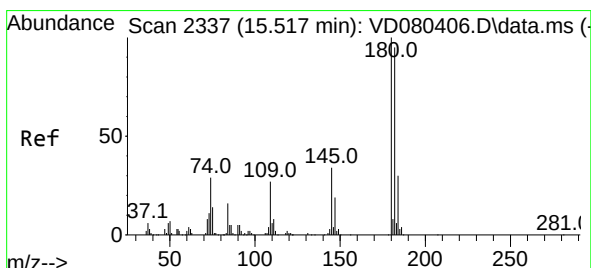
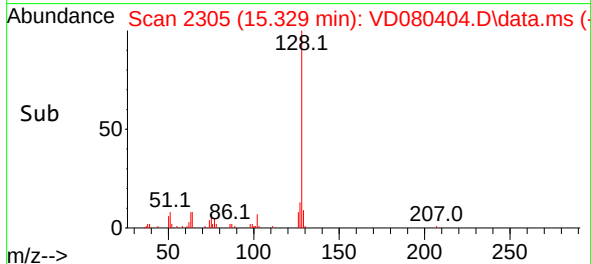
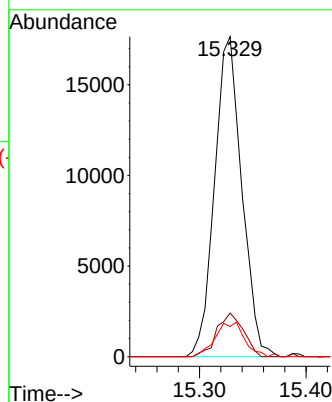
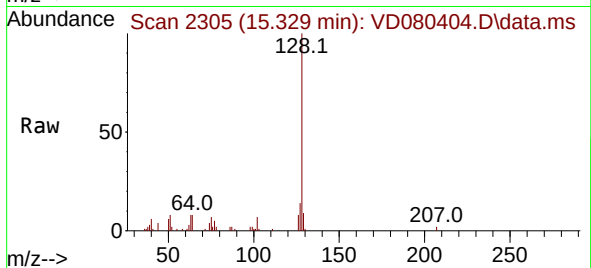
Tgt Ion:128 Resp: 31276

Ion Ratio Lower Upper

128 100

127 13.7 10.8 16.2

129 9.4 9.4 14.2



#96

1,2,3-Trichlorobenzene

Concen: 8.622 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD080404.D

Acq: 04 Jun 2025 09:03

Tgt Ion:180 Resp: 15042

Ion Ratio Lower Upper

180 100

182 92.6 47.3 142.0

145 31.0 16.5 49.5

