

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053025\
 Data File : VD080394.D
 Acq On : 30 May 2025 08:59
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: May 31 00:38:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D053025S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 31 00:36:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	111448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	190977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	165213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	87018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.235	65	8313	5.974	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.940%#
35) Dibromofluoromethane	7.812	113	6062	4.884	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.760%#
50) Toluene-d8	10.270	98	23727	4.751	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.500%#
62) 4-Bromofluorobenzene	12.570	95	7565	4.948	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.900%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	7607	5.961	ug/l	96
3) Chloromethane	2.153	50	11369	5.223	ug/l	92
4) Vinyl Chloride	2.288	62	12520	5.149	ug/l #	89
5) Bromomethane	2.694	94	9753	5.647	ug/l	92
6) Chloroethane	2.847	64	9359	5.656	ug/l #	86
7) Trichlorofluoromethane	3.182	101	11739	5.254	ug/l #	81
8) Diethyl Ether	3.600	74	3153	4.787	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.976	101	7758	5.736	ug/l	98
10) Methyl Iodide	4.171	142	5035	3.777	ug/l	97
11) Tert butyl alcohol	5.059	59	2319	28.894	ug/l #	78
12) 1,1-Dichloroethene	3.941	96	6318	4.896	ug/l	90
13) Acrolein	3.806	56	3442	24.802	ug/l	95
14) Allyl chloride	4.571	41	10387	4.884	ug/l	97
15) Acrylonitrile	5.259	53	7603	23.539	ug/l	95
16) Acetone	4.018	43	6404	24.572	ug/l	97
17) Carbon Disulfide	4.276	76	23444	5.052	ug/l	97
18) Methyl Acetate	4.576	43	4516	5.014	ug/l	93
19) Methyl tert-butyl Ether	5.323	73	12246	4.276	ug/l	93
20) Methylene Chloride	4.812	84	11500	6.429	ug/l	93
21) trans-1,2-Dichloroethene	5.312	96	6542	4.637	ug/l	92
22) Diisopropyl ether	6.212	45	16966	3.903	ug/l #	94
23) Vinyl Acetate	6.165	43	48948	19.723	ug/l	96
24) 1,1-Dichloroethane	6.123	63	13359	4.938	ug/l #	91
25) 2-Butanone	7.082	43	8698	22.288	ug/l	97
26) 2,2-Dichloropropane	7.076	77	10743	4.984	ug/l	97
27) cis-1,2-Dichloroethene	7.088	96	7629	4.722	ug/l	99
28) Bromochloromethane	7.423	49	7154	5.636	ug/l	98
29) Tetrahydrofuran	7.453	42	6375	24.288	ug/l	94
30) Chloroform	7.594	83	14392	5.255	ug/l	91
31) Cyclohexane	7.882	56	13661	5.647	ug/l #	85
32) 1,1,1-Trichloroethane	7.788	97	12258	5.347	ug/l	99
36) 1,1-Dichloropropene	8.006	75	9577	5.020	ug/l	96
37) Ethyl Acetate	7.170	43	3172	3.395	ug/l #	83
38) Carbon Tetrachloride	8.000	117	10938	5.659	ug/l	87
39) Methylcyclohexane	9.270	83	10107	4.671	ug/l	88
40) Benzene	8.253	78	29956	5.198	ug/l #	90

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Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: May 31 00:38:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D053025S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 31 00:36:06 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.412	41	3087	5.858	ug/l #	66
42) 1,2-Dichloroethane	8.329	62	9037	5.481	ug/l	97
43) Isopropyl Acetate	8.359	43	7931	4.589	ug/l #	92
44) Trichloroethene	9.029	130	6817	5.043	ug/l	97
45) 1,2-Dichloropropane	9.306	63	7402	5.006	ug/l #	86
46) Dibromomethane	9.400	93	4173	5.212	ug/l	95
47) Bromodichloromethane	9.582	83	10019	4.943	ug/l	97
48) Methyl methacrylate	9.382	41	4028	4.790	ug/l #	91
49) 1,4-Dioxane	9.388	88	721	84.743	ug/l #	57
51) 4-Methyl-2-Pentanone	10.158	43	18239	19.997	ug/l	97
52) Toluene	10.335	92	15135	4.329	ug/l	90
53) t-1,3-Dichloropropene	10.553	75	7565	4.046	ug/l	100
54) cis-1,3-Dichloropropene	10.017	75	9581	4.474	ug/l	97
55) 1,1,2-Trichloroethane	10.735	97	4910	4.586	ug/l	93
56) Ethyl methacrylate	10.594	69	4432	6.673	ug/l #	75
57) 1,3-Dichloropropane	10.876	76	8016	4.382	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.870	63	11274	20.661	ug/l	98
59) 2-Hexanone	10.917	43	11798	19.116	ug/l	97
60) Dibromochloromethane	11.070	129	5978	4.578	ug/l	93
61) 1,2-Dibromoethane	11.176	107	4786	4.984	ug/l	93
64) Tetrachloroethene	10.805	164	5458	4.903	ug/l	97
65) Chlorobenzene	11.605	112	18162	5.015	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.676	131	6027	4.937	ug/l	93
67) Ethyl Benzene	11.682	91	27003	4.418	ug/l	94
68) m/p-Xylenes	11.788	106	20219	8.447	ug/l	95
69) o-Xylene	12.117	106	10114	4.539	ug/l	95
70) Styrene	12.135	104	16229	4.131	ug/l	93
71) Bromoform	12.300	173	2785	4.124	ug/l #	79
73) Isopropylbenzene	12.417	105	24625	4.118	ug/l	100
74) N-amyl acetate	12.229	43	6295	3.881	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.670	83	6557	5.187	ug/l	96
76) 1,2,3-Trichloropropane	12.723	75	7407	8.276	ug/l #	100
77) Bromobenzene	12.700	156	7085	4.816	ug/l	90
78) n-propylbenzene	12.758	91	30400	4.089	ug/l	100
79) 2-Chlorotoluene	12.852	91	18112	4.229	ug/l	98
80) 1,3,5-Trimethylbenzene	12.905	105	19427	3.892	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.470	75	2098	4.684	ug/l	93
82) 4-Chlorotoluene	12.947	91	19664	4.303	ug/l	95
83) tert-Butylbenzene	13.164	119	18516	4.413	ug/l	98
84) 1,2,4-Trimethylbenzene	13.211	105	19484	3.923	ug/l	97
85) sec-Butylbenzene	13.341	105	28917	4.570	ug/l	98
86) p-Isopropyltoluene	13.458	119	24371	4.583	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	15437	5.120	ug/l	98
88) 1,4-Dichlorobenzene	13.535	146	15485	5.138	ug/l	89
89) n-Butylbenzene	13.782	91	25330	4.699	ug/l	95
90) Hexachloroethane	14.052	117	6198	5.255	ug/l	97
91) 1,2-Dichlorobenzene	13.835	146	12990	4.986	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.441	75	1061	5.152	ug/l	93
93) 1,2,4-Trichlorobenzene	15.093	180	6996	6.372	ug/l	94
94) Hexachlorobutadiene	15.199	225	4428	5.146	ug/l	99
95) Naphthalene	15.329	128	11429	7.140	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.517	180	5760	5.722	ug/l	94

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Sample : VSTDICC005
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Quant Time: May 31 00:38:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D053025S.M
Quant Title : SW846 8260
QLast Update : Sat May 31 00:36:06 2025
Response via : Initial Calibration

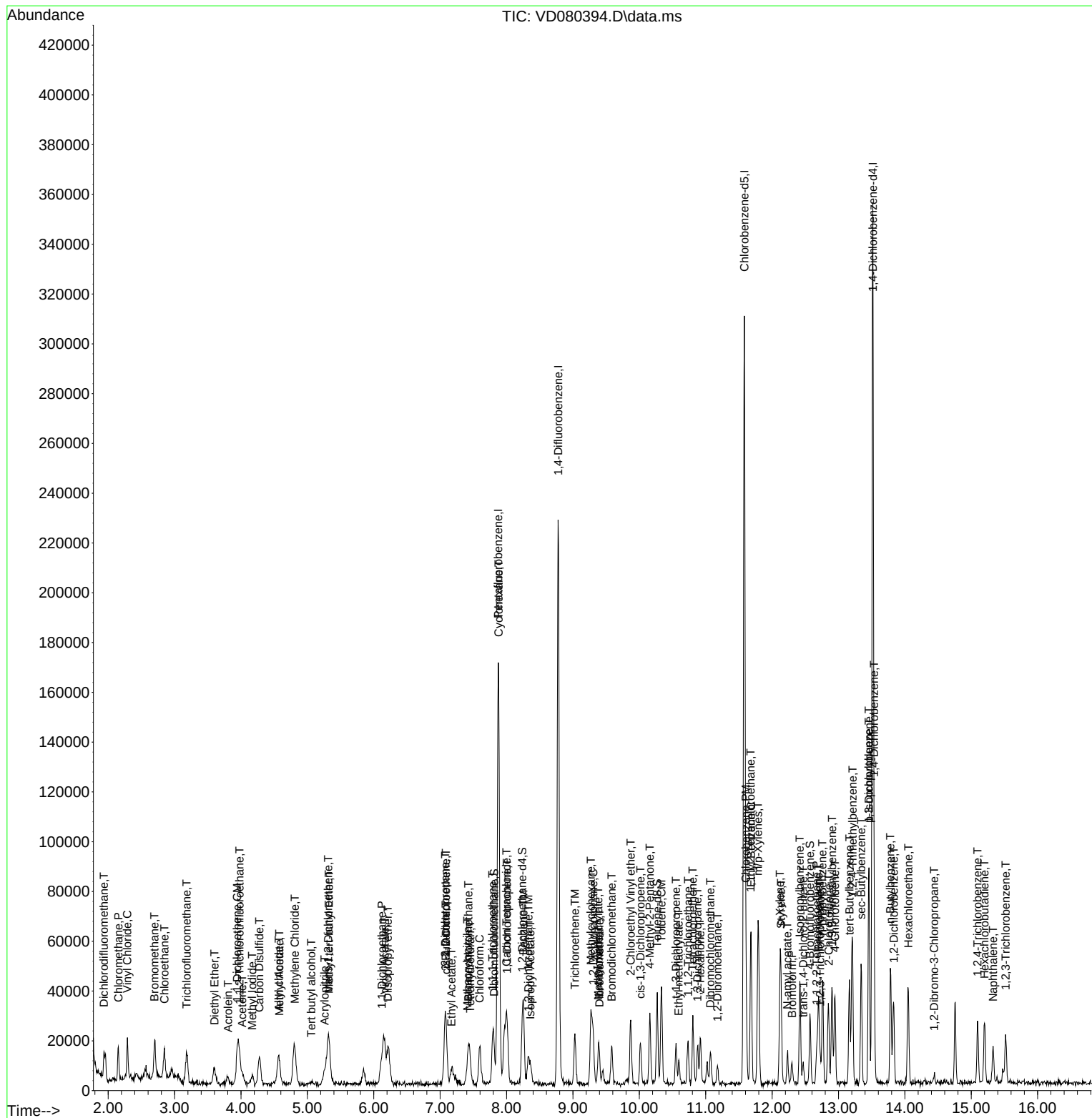
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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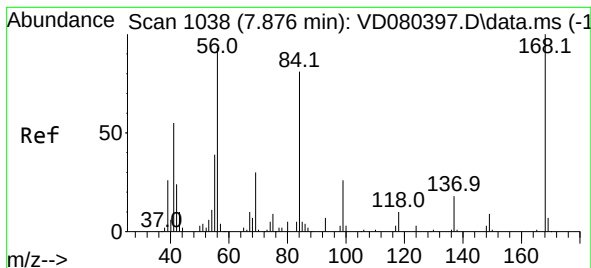
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053025\
 Data File : VD080394.D
 Acq On : 30 May 2025 08:59
 Operator : RP/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: May 31 00:38:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D053025S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 31 00:36:06 2025
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.876 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080394.D

Acq: 30 May 2025 08:59

Instrument :

MSVOA_D

ClientSampleId :

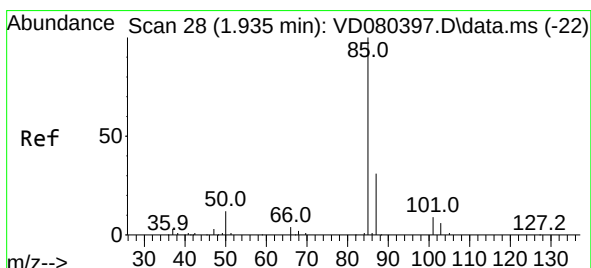
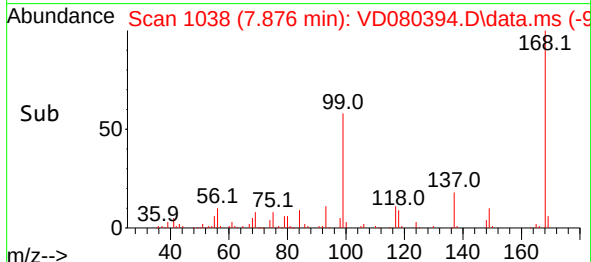
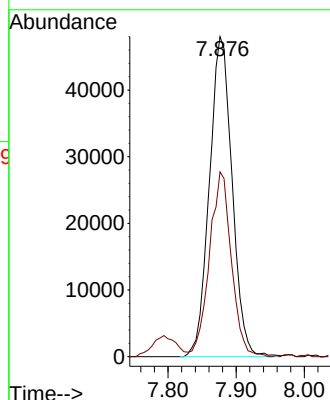
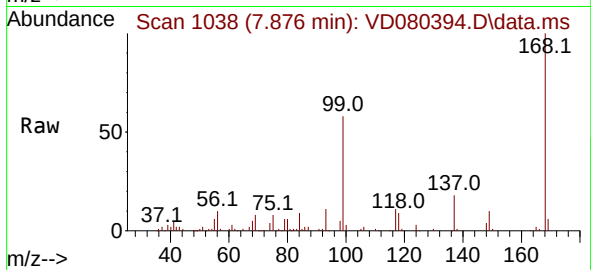
VSTDICC005

Tgt Ion:168 Resp: 111448

Ion Ratio Lower Upper

168 100

99 57.8 47.5 71.3



#2

Dichlorodifluoromethane

Concen: 5.961 ug/l

RT: 1.935 min Scan# 28

Delta R.T. 0.000 min

Lab File: VD080394.D

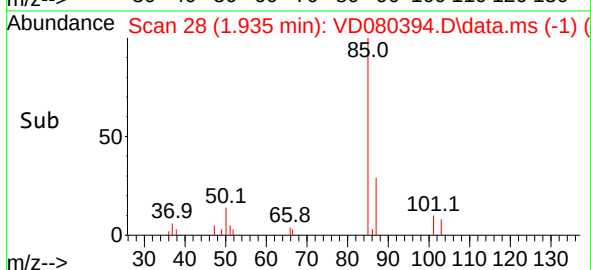
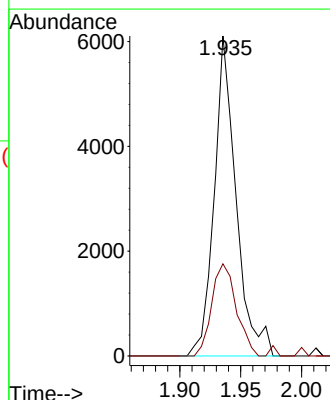
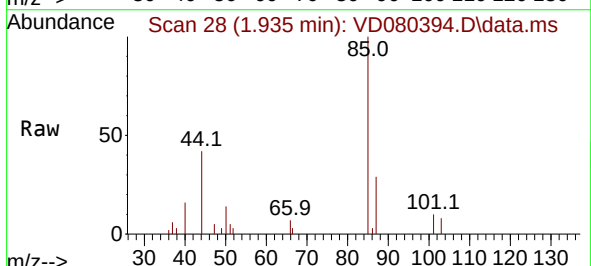
Acq: 30 May 2025 08:59

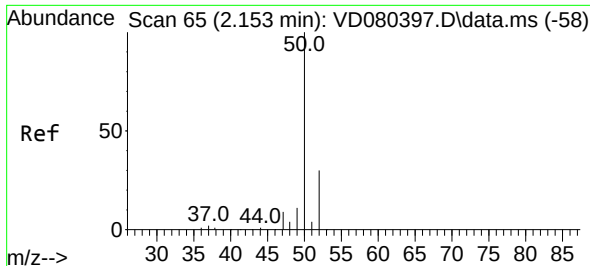
Tgt Ion: 85 Resp: 7607

Ion Ratio Lower Upper

85 100

87 28.8 15.6 46.7

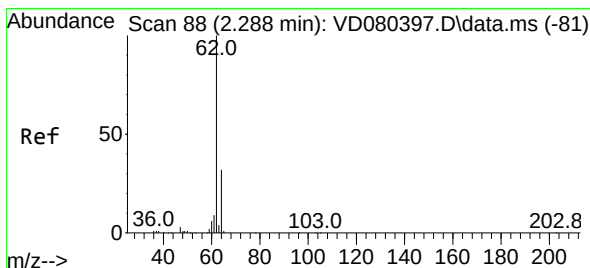
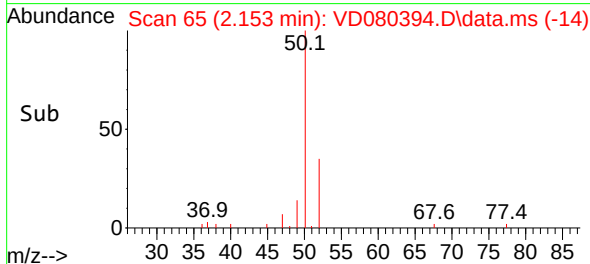
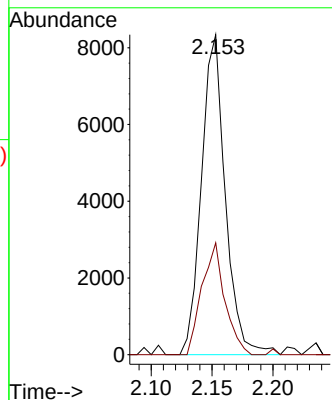
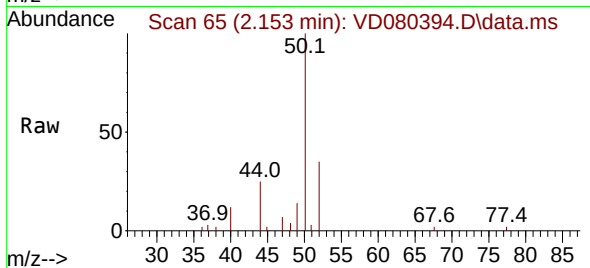




#3
Chloromethane
Concen: 5.223 ug/l
RT: 2.153 min Scan# 65
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

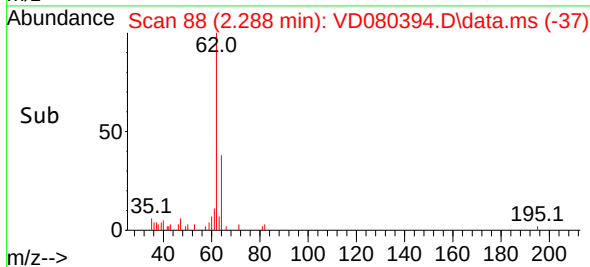
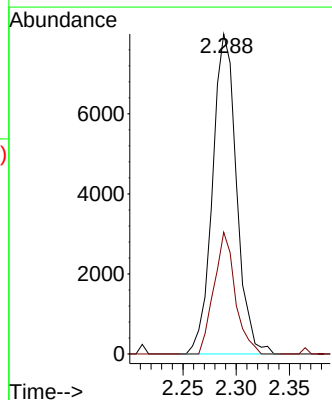
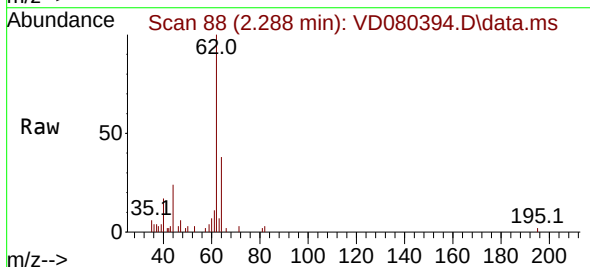
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

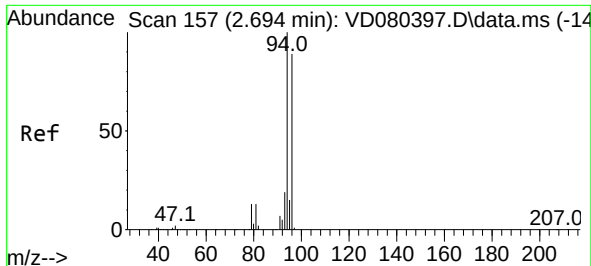
Tgt Ion: 50 Resp: 11369
Ion Ratio Lower Upper
50 100
52 35.0 24.4 36.6



#4
Vinyl Chloride
Concen: 5.149 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion: 62 Resp: 12520
Ion Ratio Lower Upper
62 100
64 38.1 25.4 38.0#

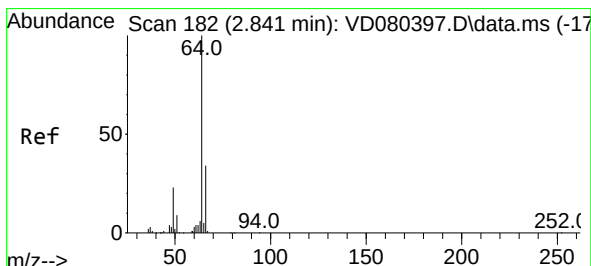
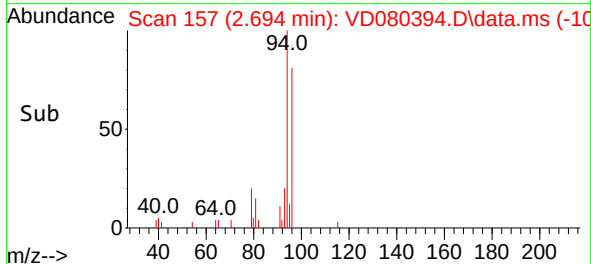
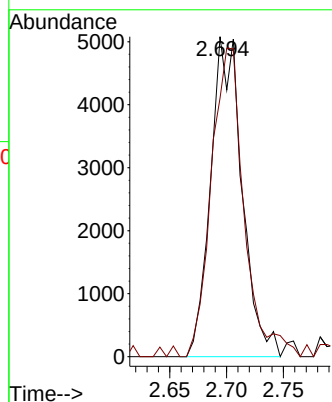
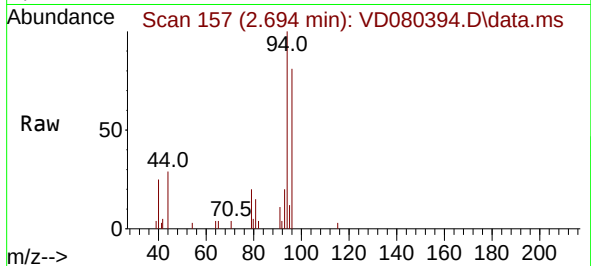




#5
Bromomethane
Concen: 5.647 ug/l
RT: 2.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

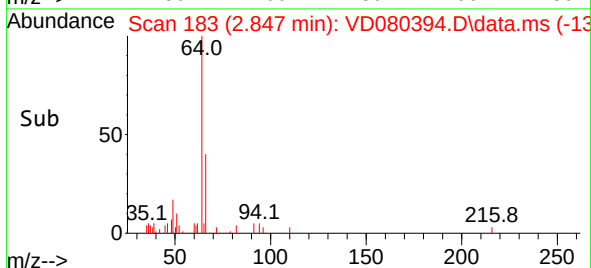
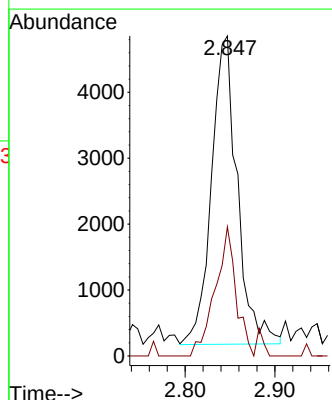
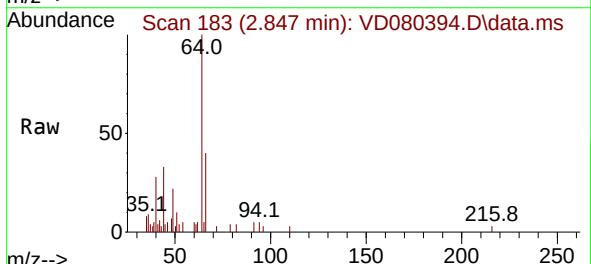
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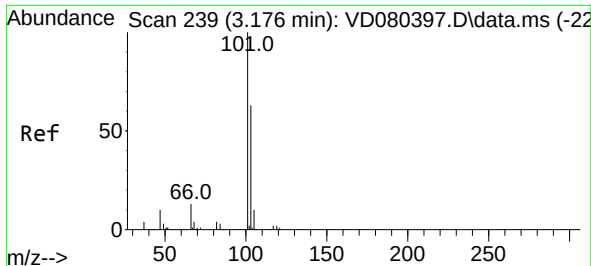
Tgt Ion: 94 Resp: 9753
Ion Ratio Lower Upper
94 100
96 100.7 74.7 112.1



#6
Chloroethane
Concen: 5.656 ug/l
RT: 2.847 min Scan# 183
Delta R.T. 0.006 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion: 64 Resp: 9359
Ion Ratio Lower Upper
64 100
66 42.0 27.3 40.9#

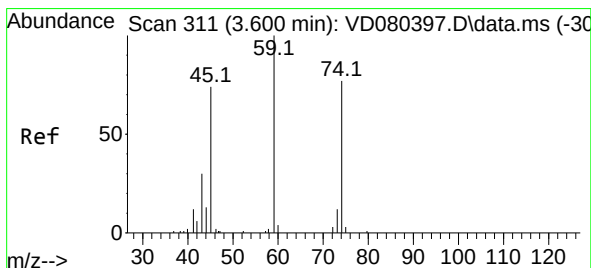
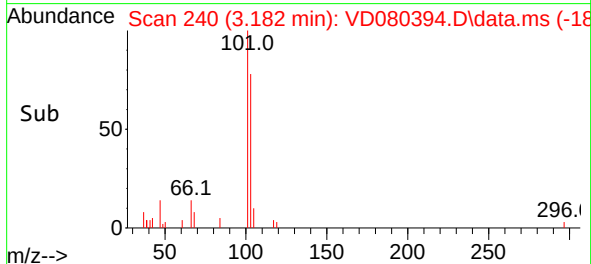
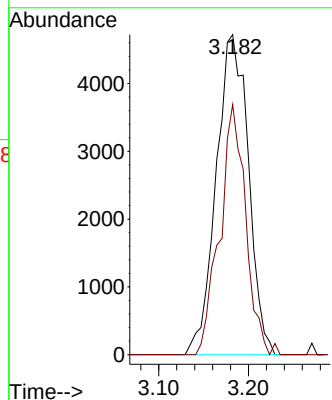
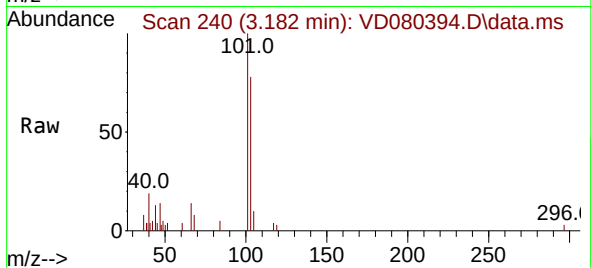




#7
Trichlorofluoromethane
Concen: 5.254 ug/l
RT: 3.182 min Scan# 240
Delta R.T. 0.006 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

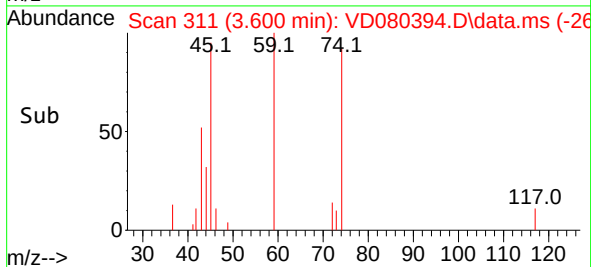
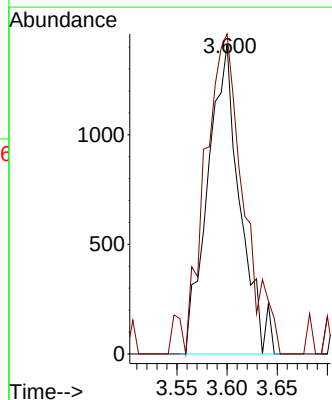
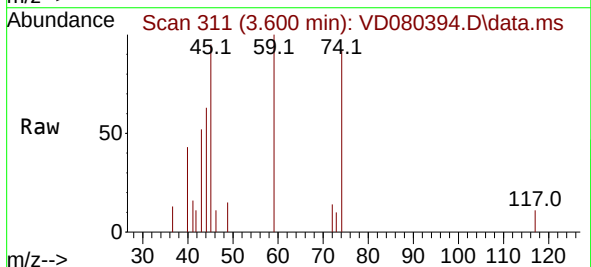
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

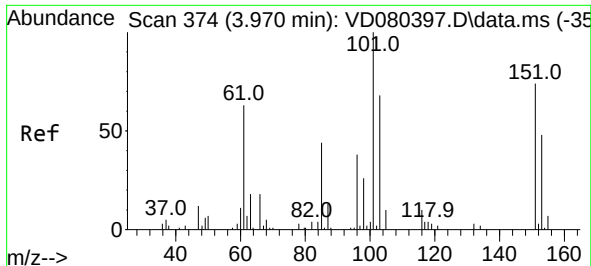
Tgt Ion:101 Resp: 11739
Ion Ratio Lower Upper
101 100
103 78.2 50.7 76.1#



#8
Diethyl Ether
Concen: 4.787 ug/l
RT: 3.600 min Scan# 311
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion: 74 Resp: 3153
Ion Ratio Lower Upper
74 100
45 125.8 52.1 156.4

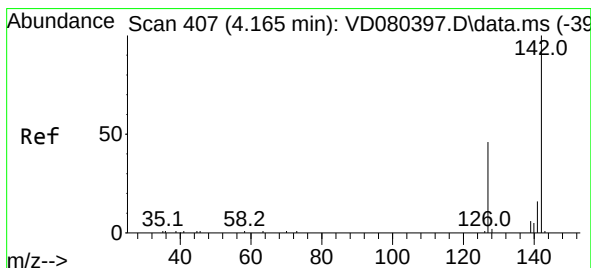
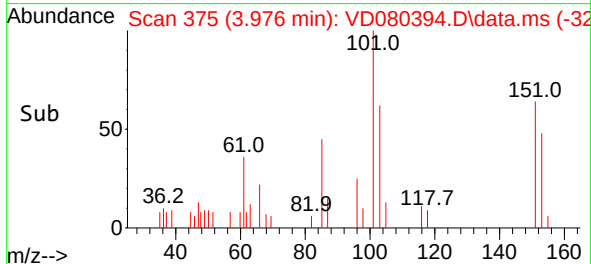
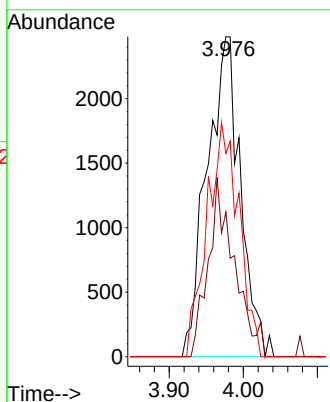
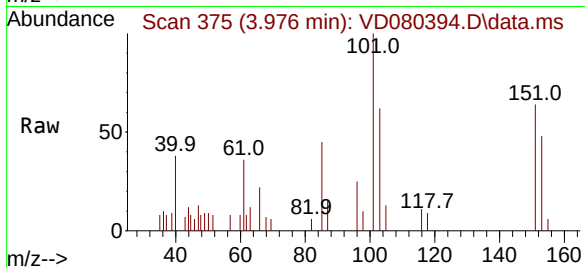




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.736 ug/l
 RT: 3.976 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VD080394.D
 Acq: 30 May 2025 08:59

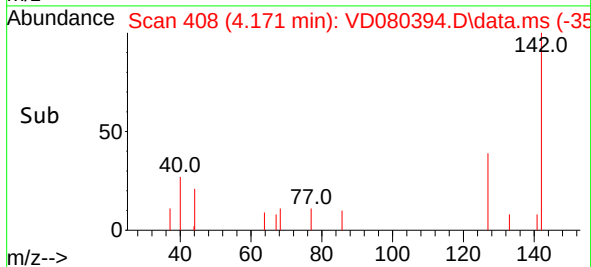
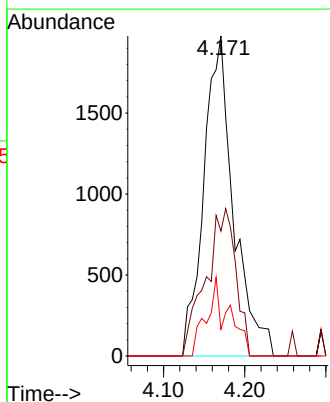
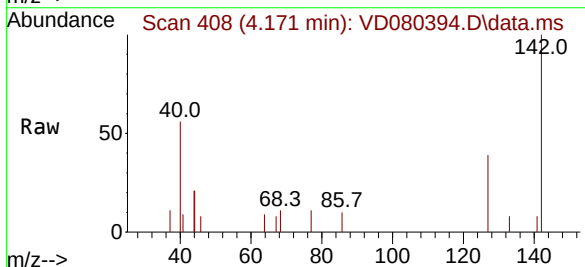
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

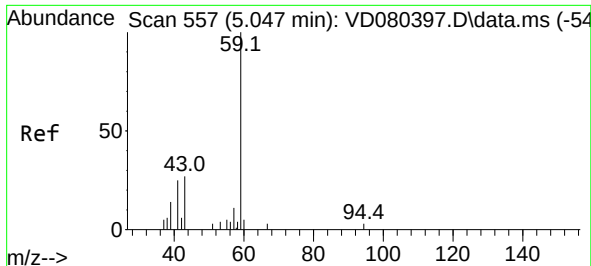
Tgt Ion:101 Resp: 7758
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.9 53.9
 151 69.9 57.6 86.4



#10
 Methyl Iodide
 Concen: 3.777 ug/l
 RT: 4.171 min Scan# 408
 Delta R.T. 0.006 min
 Lab File: VD080394.D
 Acq: 30 May 2025 08:59

Tgt Ion:142 Resp: 5035
 Ion Ratio Lower Upper
 142 100
 127 46.6 36.4 54.6
 141 12.6 12.1 18.1





#11

Tert butyl alcohol

Concen: 28.894 ug/l

RT: 5.059 min Scan# 51

Delta R.T. 0.012 min

Lab File: VD080394.D

Acq: 30 May 2025 08:59

Instrument :

MSVOA_D

ClientSampleId :

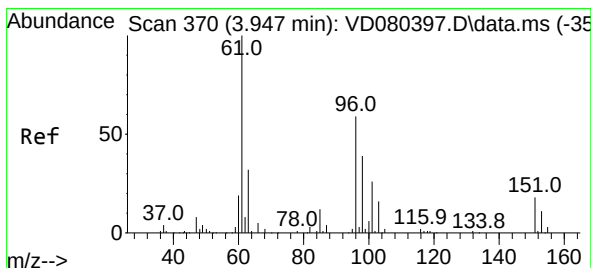
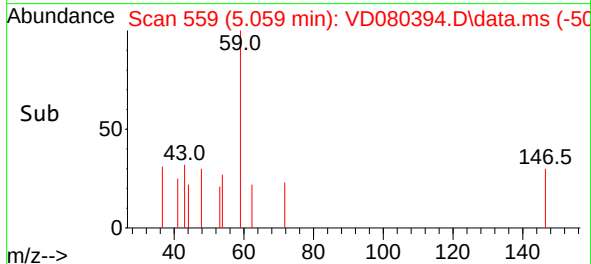
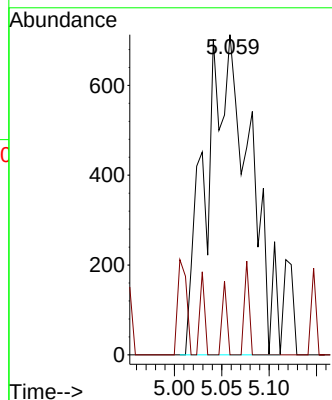
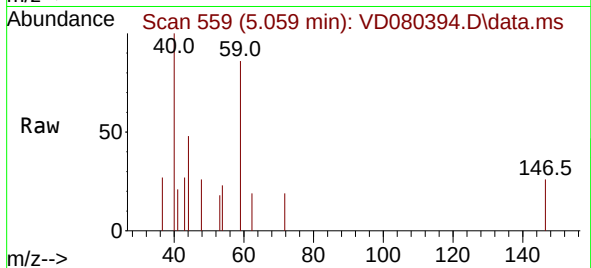
VSTDIC005

Tgt Ion: 59 Resp: 2319

Ion Ratio Lower Upper

59 100

57 2.5 8.7 13.1#



#12

1,1-Dichloroethene

Concen: 4.896 ug/l

RT: 3.941 min Scan# 369

Delta R.T. -0.006 min

Lab File: VD080394.D

Acq: 30 May 2025 08:59

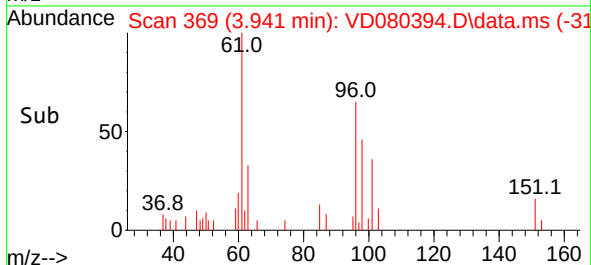
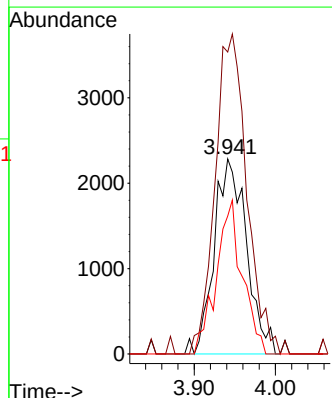
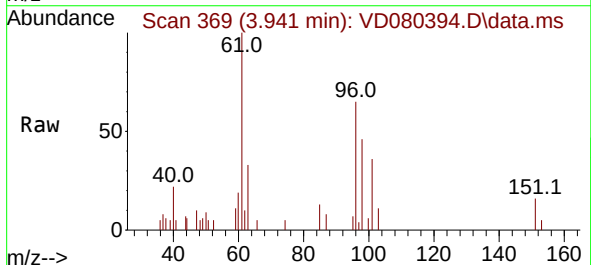
Tgt Ion: 96 Resp: 6318

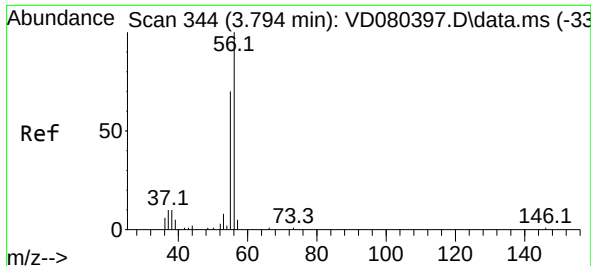
Ion Ratio Lower Upper

96 100

61 154.9 135.7 203.5

98 70.7 52.5 78.7

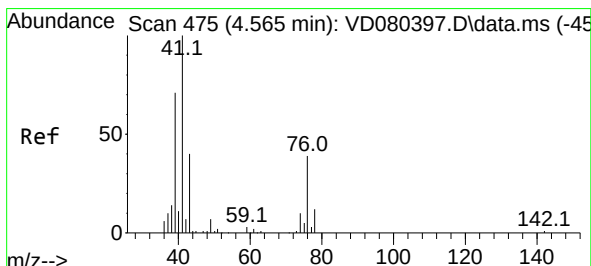
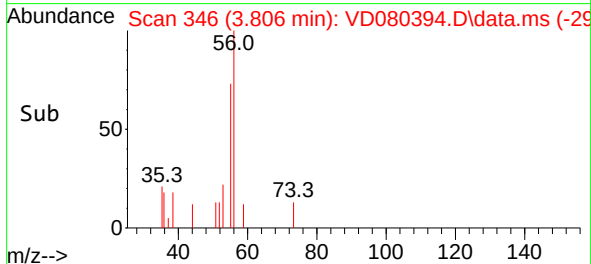
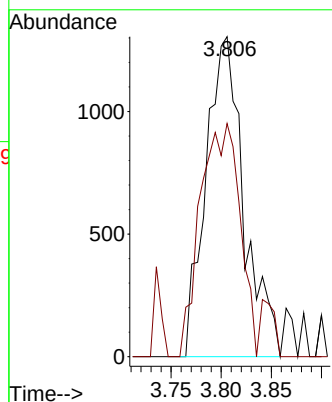
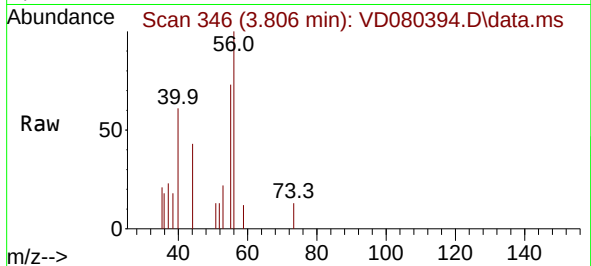




#13
Acrolein
Concen: 24.802 ug/l
RT: 3.806 min Scan# 344
Delta R.T. 0.012 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

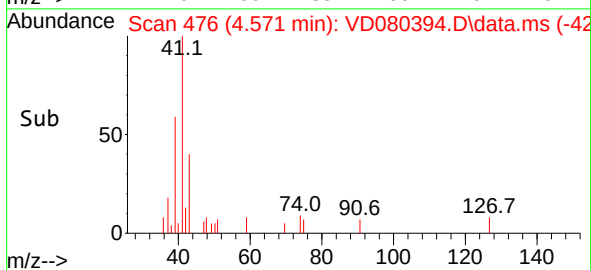
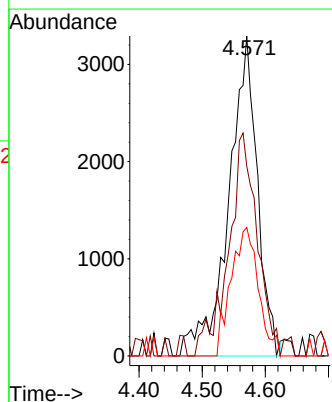
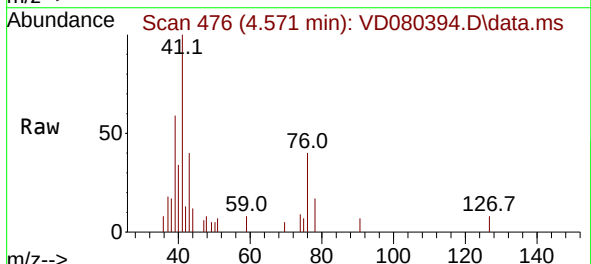
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

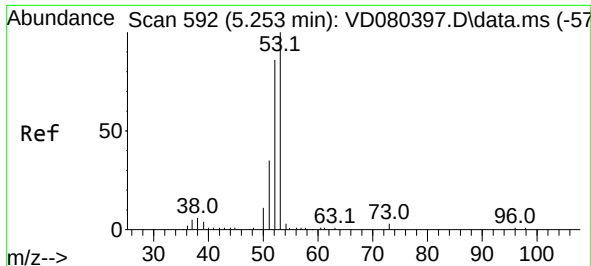
Tgt Ion: 56 Resp: 3442
Ion Ratio Lower Upper
56 100
55 75.9 57.1 85.7



#14
Allyl chloride
Concen: 4.884 ug/l
RT: 4.571 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion: 41 Resp: 10387
Ion Ratio Lower Upper
41 100
39 69.5 53.3 79.9
76 38.4 29.4 44.2

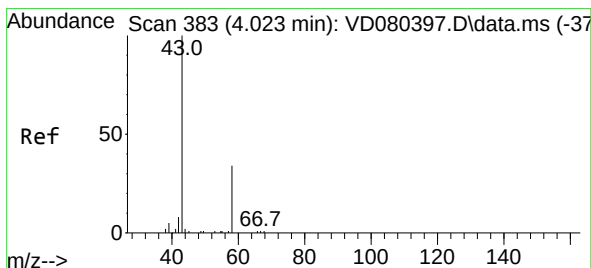
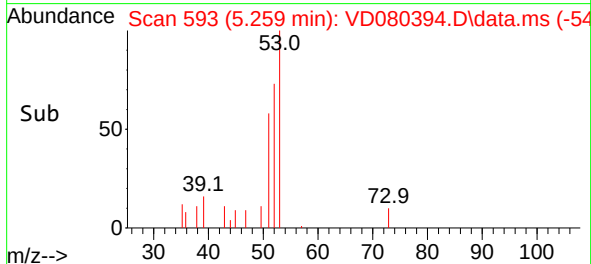
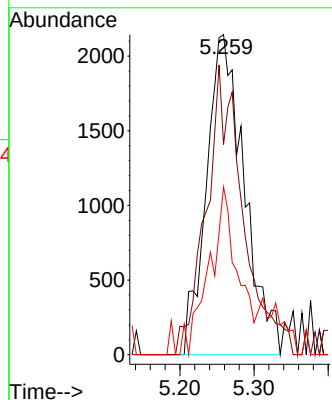
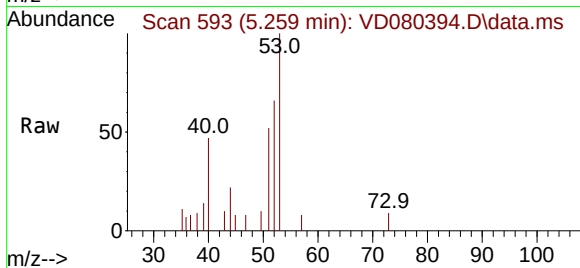




#15
Acrylonitrile
Concen: 23.539 ug/l
RT: 5.259 min Scan# 593
Delta R.T. 0.006 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

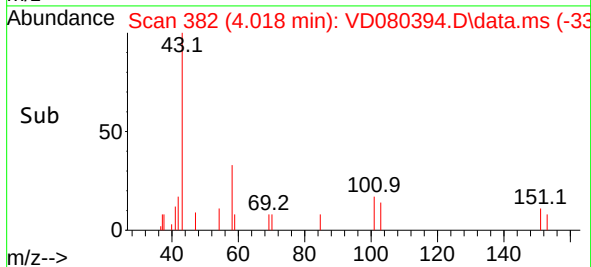
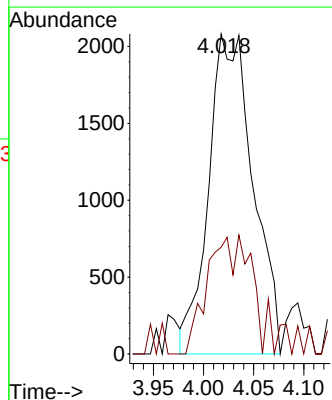
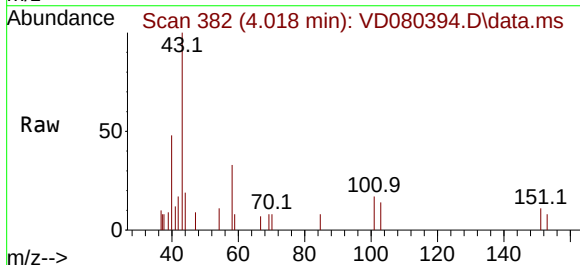
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

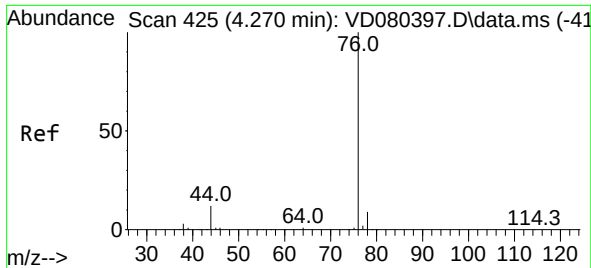
Tgt Ion:	53	Resp:	7603
Ion	Ratio	Lower	Upper
53	100		
52	88.0	65.6	98.4
51	39.6	30.5	45.7



#16
Acetone
Concen: 24.572 ug/l
RT: 4.018 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion:	43	Resp:	6404
Ion	Ratio	Lower	Upper
43	100		
58	33.3	28.0	42.0

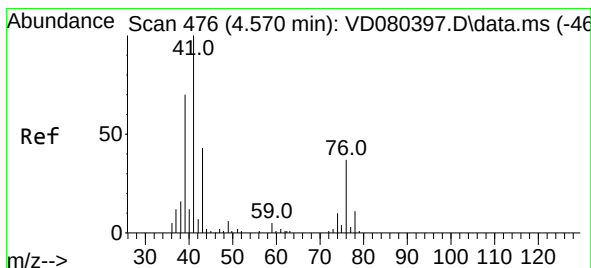
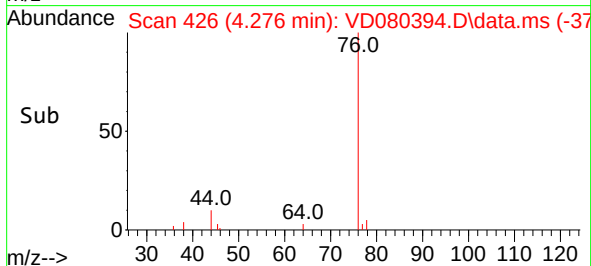
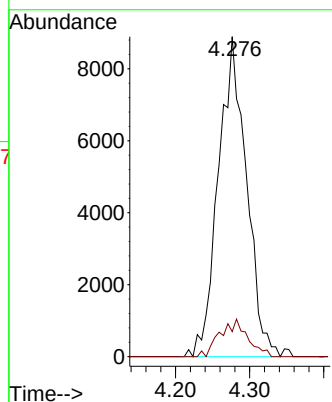
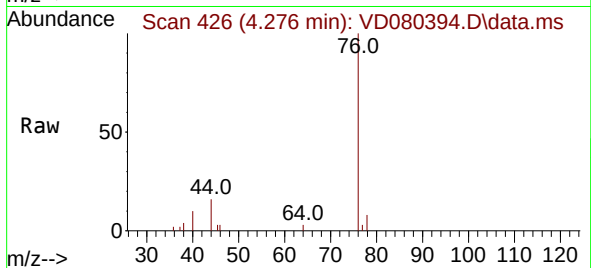




#17
Carbon Disulfide
Concen: 5.052 ug/l
RT: 4.276 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

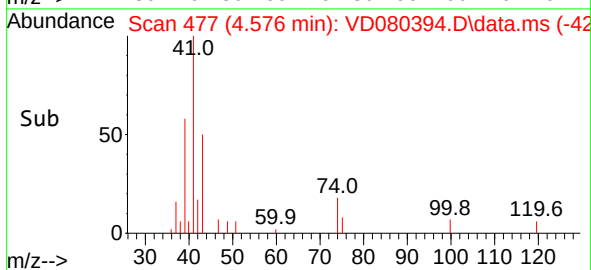
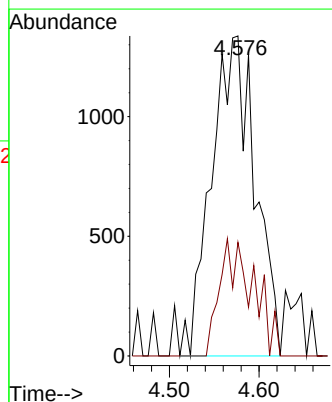
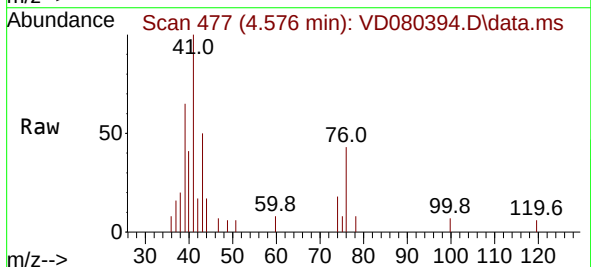
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

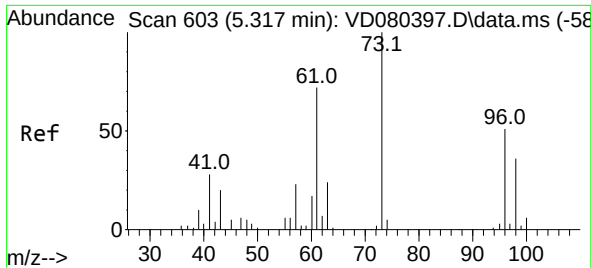
Tgt Ion: 76 Resp: 23444
Ion Ratio Lower Upper
76 100
78 7.9 7.3 10.9



#18
Methyl Acetate
Concen: 5.014 ug/l
RT: 4.576 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion: 43 Resp: 4516
Ion Ratio Lower Upper
43 100
74 19.8 18.6 28.0

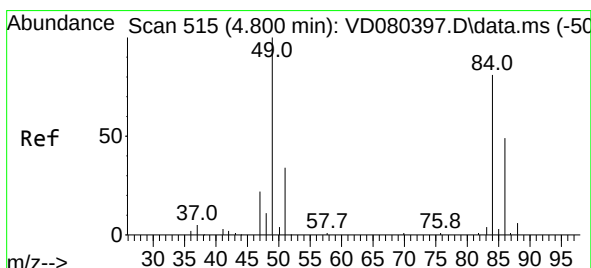
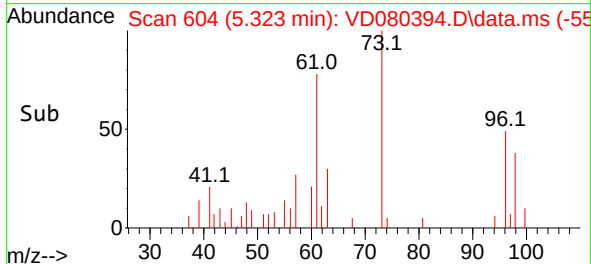
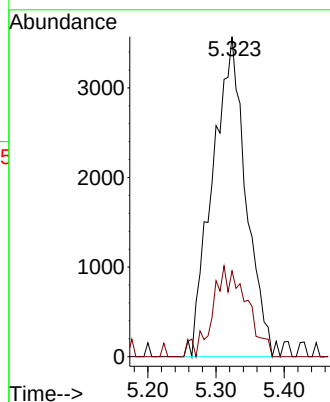
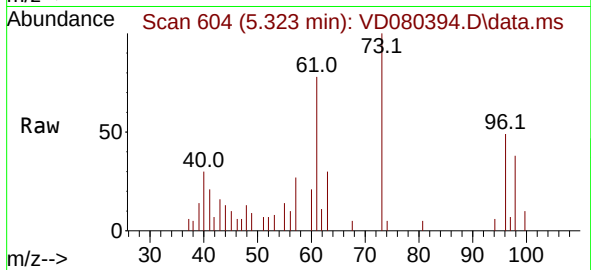




#19
Methyl tert-butyl Ether
Concen: 4.276 ug/l
RT: 5.323 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

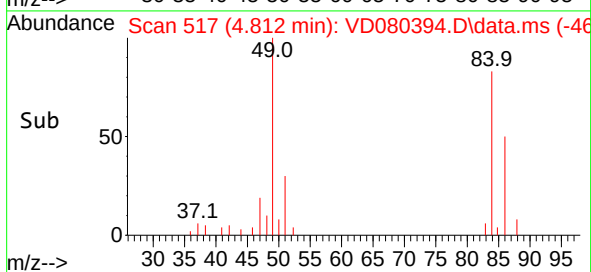
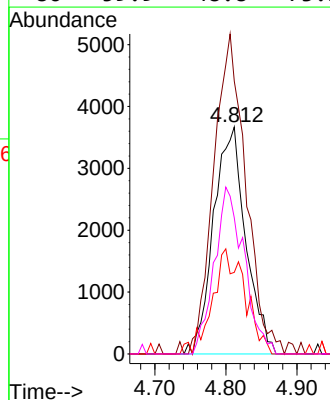
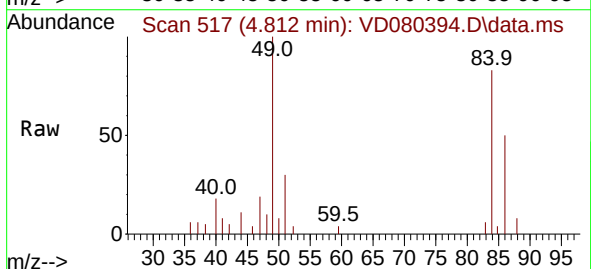
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

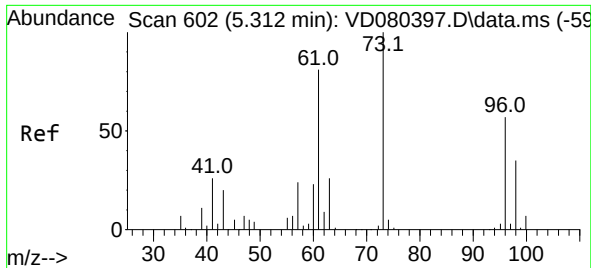
Tgt Ion: 73 Resp: 12246
Ion Ratio Lower Upper
73 100
57 26.8 18.7 28.1



#20
Methylene Chloride
Concen: 6.429 ug/l
RT: 4.812 min Scan# 517
Delta R.T. 0.012 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion: 84 Resp: 11500
Ion Ratio Lower Upper
84 100
49 114.7 99.0 148.6
51 35.9 33.6 50.4
86 59.9 48.8 73.2

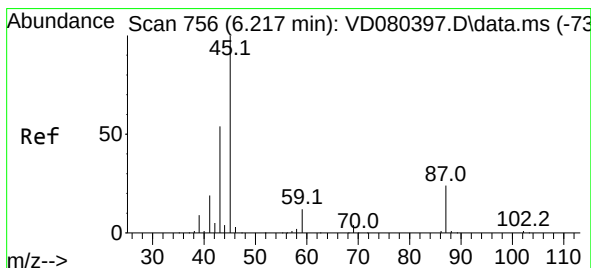
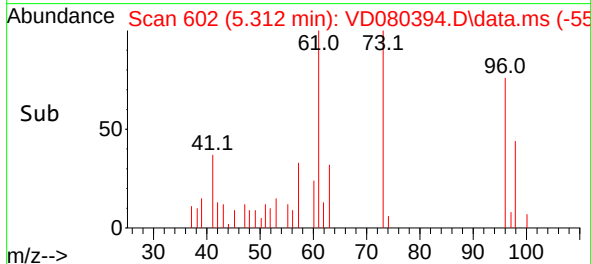
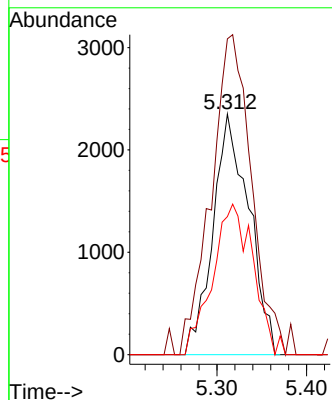
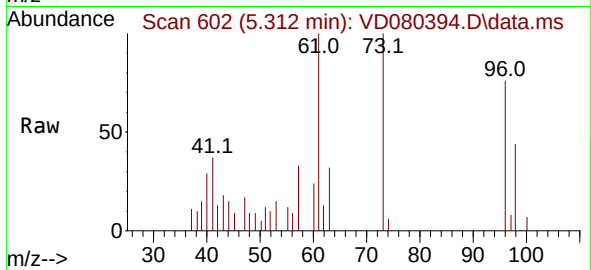




#21
trans-1,2-Dichloroethene
Concen: 4.637 ug/l
RT: 5.312 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

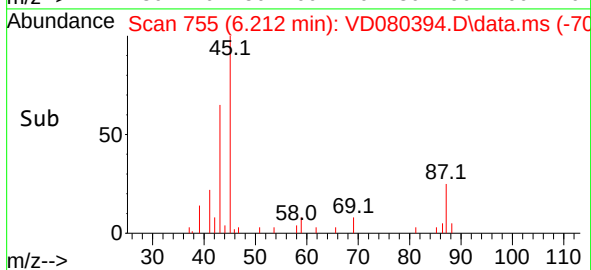
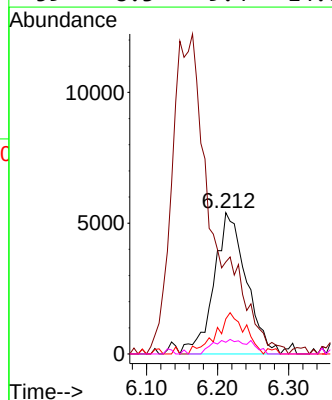
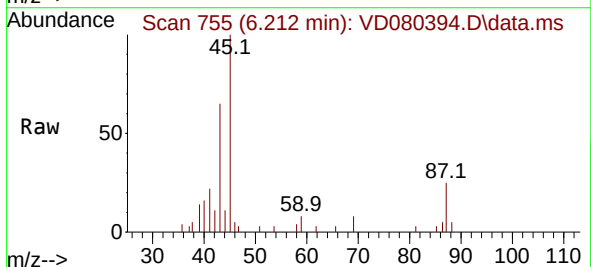
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

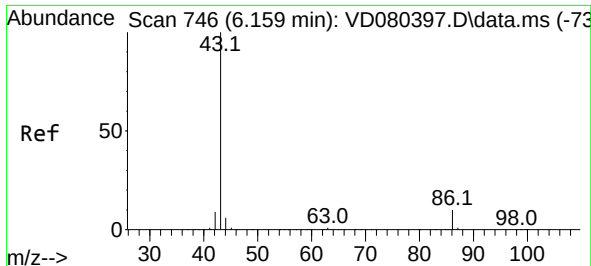
Tgt Ion: 96 Resp: 6542
Ion Ratio Lower Upper
96 100
61 131.3 113.6 170.4
98 57.4 49.4 74.2



#22
Diisopropyl ether
Concen: 3.903 ug/l
RT: 6.212 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion: 45 Resp: 16966
Ion Ratio Lower Upper
45 100
43 59.5 43.4 65.0
87 24.8 19.1 28.7
59 8.3 9.4 14.0#

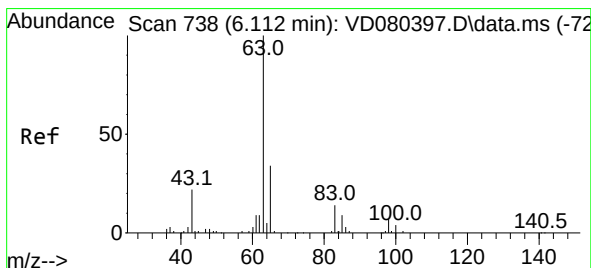
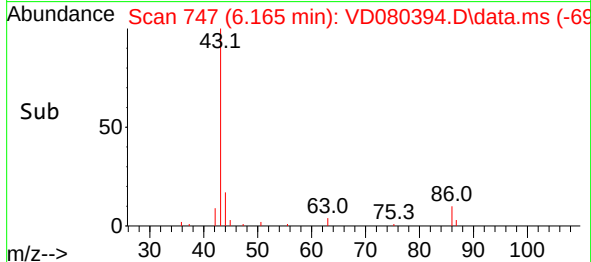
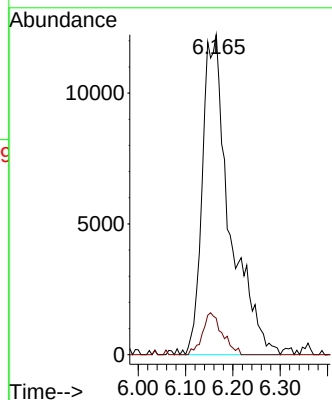
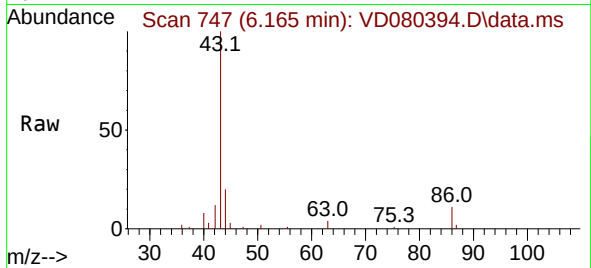




#23
 Vinyl Acetate
 Concen: 19.723 ug/l
 RT: 6.165 min Scan# 746
 Delta R.T. 0.006 min
 Lab File: VD080394.D
 Acq: 30 May 2025 08:59

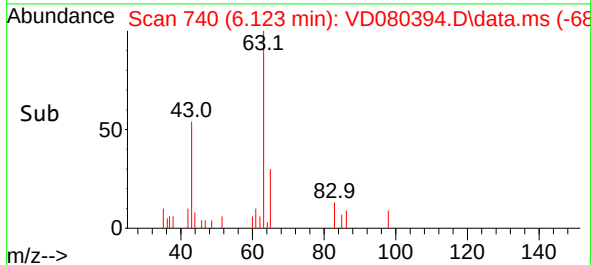
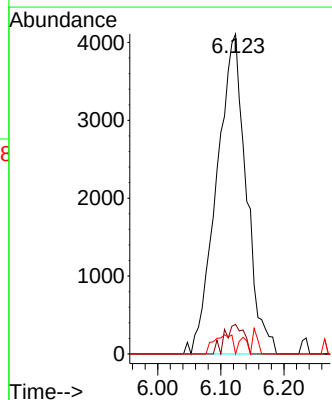
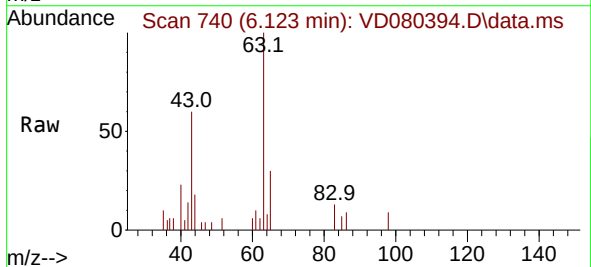
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

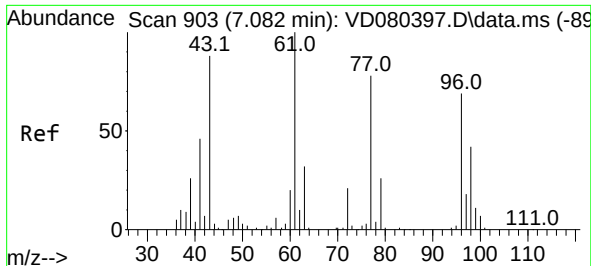
Tgt Ion: 43 Resp: 48948
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 4.938 ug/l
 RT: 6.123 min Scan# 740
 Delta R.T. 0.012 min
 Lab File: VD080394.D
 Acq: 30 May 2025 08:59

Tgt Ion: 63 Resp: 13359
 Ion Ratio Lower Upper
 63 100
 98 9.3 3.7 11.1
 100 0.0 2.3 6.8

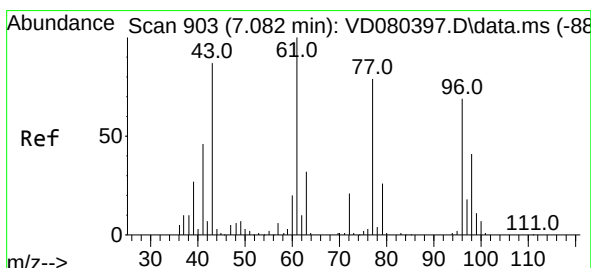
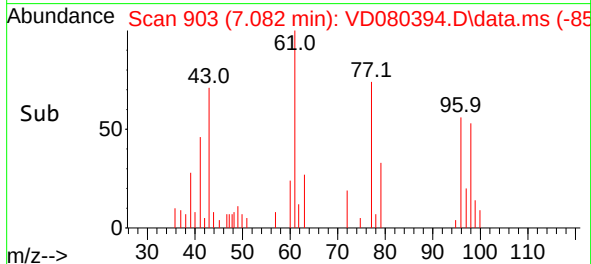
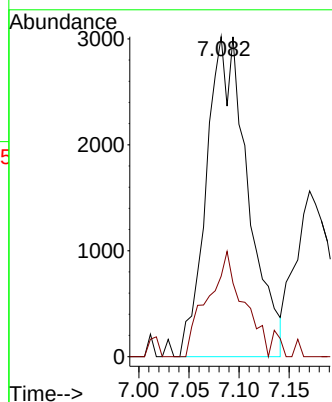
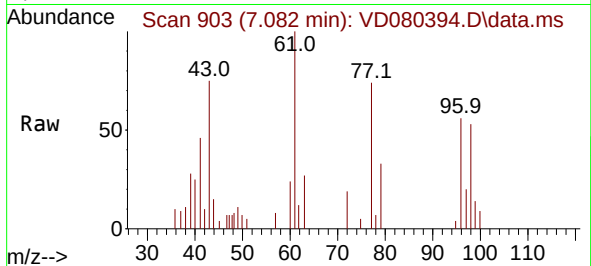




#25
2-Butanone
Concen: 22.288 ug/l
RT: 7.082 min Scan# 903
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

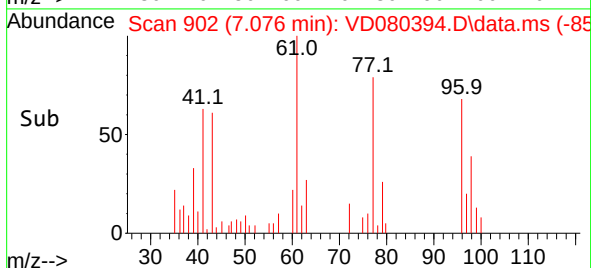
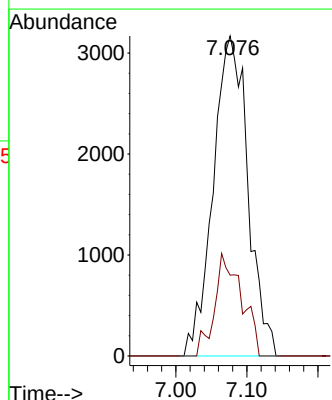
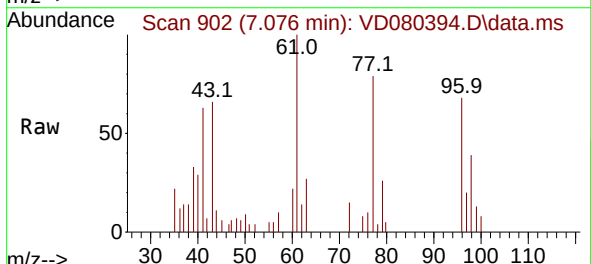
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

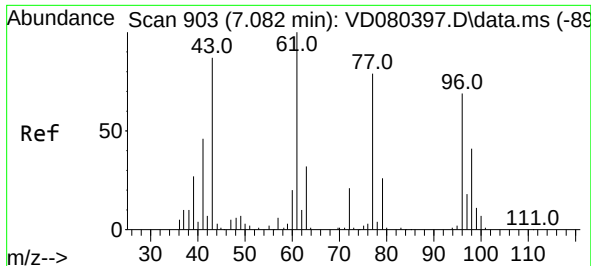
Tgt Ion: 43 Resp: 8698
Ion Ratio Lower Upper
43 100
72 25.1 18.9 28.3



#26
2,2-Dichloropropane
Concen: 4.984 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.006 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion: 77 Resp: 10743
Ion Ratio Lower Upper
77 100
97 25.0 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 4.722 ug/l

RT: 7.088 min Scan# 904

Delta R.T. 0.006 min

Lab File: VD080394.D

Acq: 30 May 2025 08:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

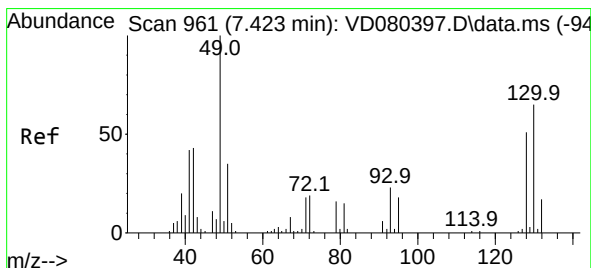
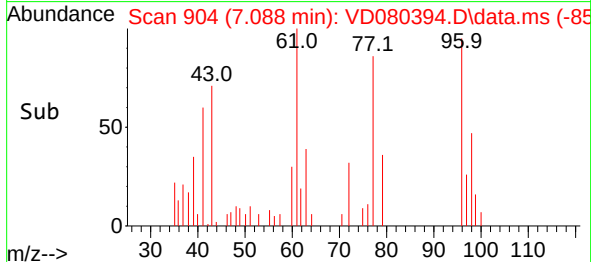
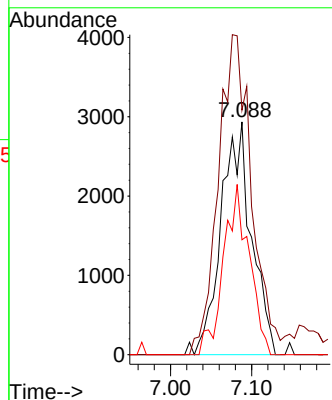
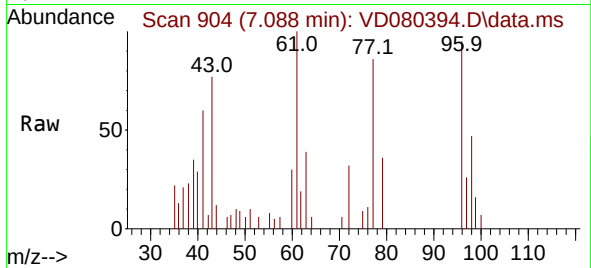
Tgt Ion: 96 Resp: 7629

Ion Ratio Lower Upper

96 100

61 151.3 0.0 301.4

98 61.9 0.0 128.2



#28

Bromochloromethane

Concen: 5.636 ug/l

RT: 7.423 min Scan# 961

Delta R.T. 0.000 min

Lab File: VD080394.D

Acq: 30 May 2025 08:59

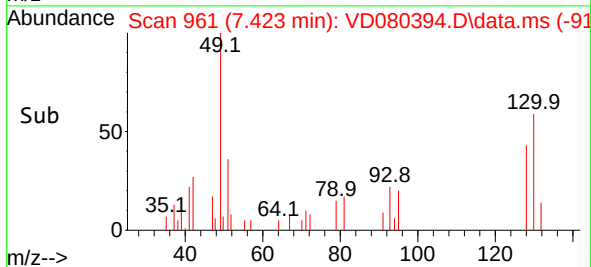
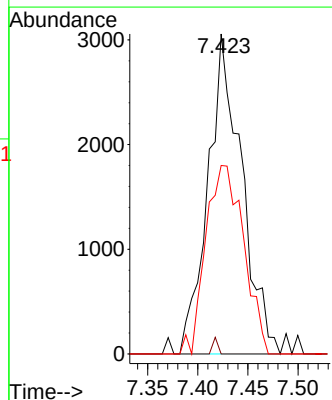
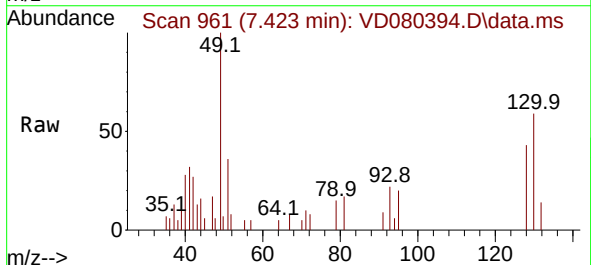
Tgt Ion: 49 Resp: 7154

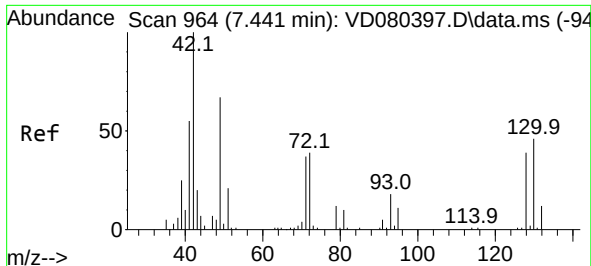
Ion Ratio Lower Upper

49 100

129 0.8 0.0 5.6

130 66.1 54.2 81.4





#29

Tetrahydrofuran

Concen: 24.288 ug/l

RT: 7.453 min Scan# 90

Delta R.T. 0.012 min

Lab File: VD080394.D

Acq: 30 May 2025 08:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

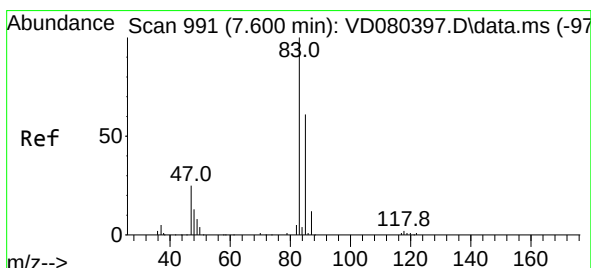
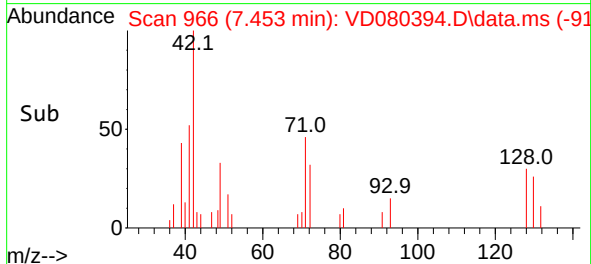
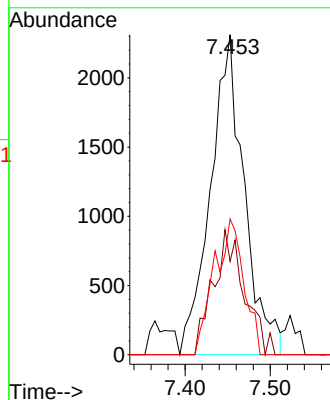
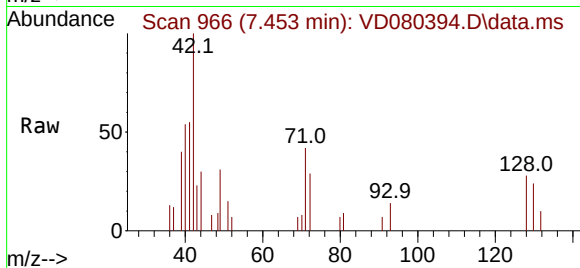
Tgt Ion: 42 Resp: 6375

Ion Ratio Lower Upper

42 100

72 36.0 32.6 49.0

71 37.0 32.0 48.0



#30

Chloroform

Concen: 5.255 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.006 min

Lab File: VD080394.D

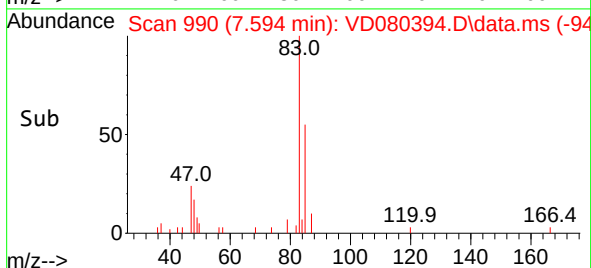
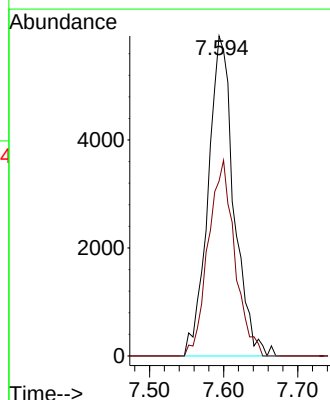
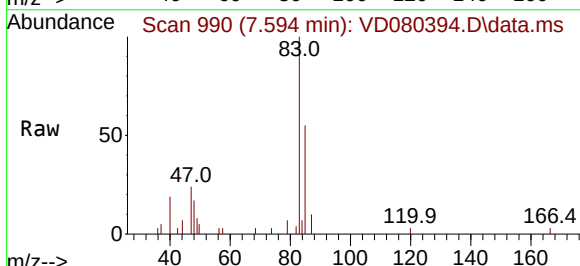
Acq: 30 May 2025 08:59

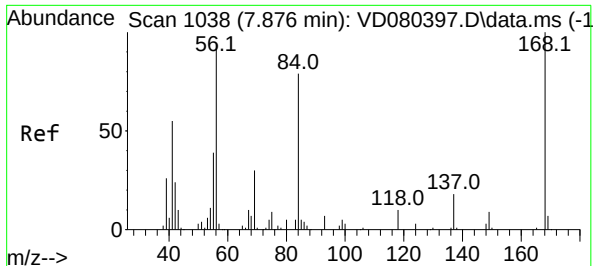
Tgt Ion: 83 Resp: 14392

Ion Ratio Lower Upper

83 100

85 54.6 49.2 73.8





#31

Cyclohexane

Concen: 5.647 ug/l

RT: 7.882 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VD080394.D

Acq: 30 May 2025 08:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

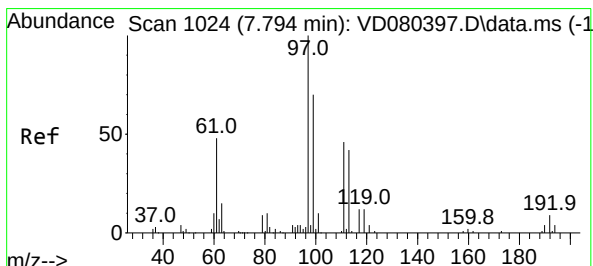
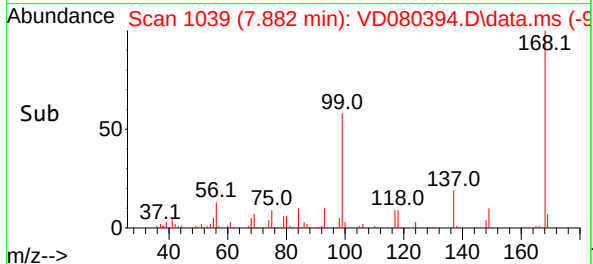
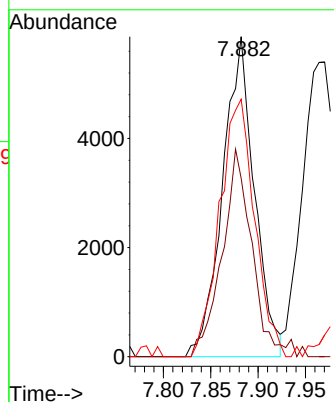
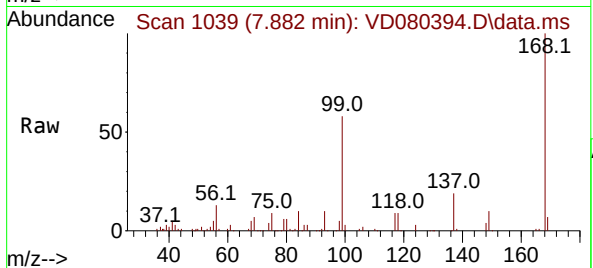
Tgt Ion: 56 Resp: 13661

Ion Ratio Lower Upper

56 100

69 55.7 25.5 38.3#

84 80.5 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 5.347 ug/l

RT: 7.788 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VD080394.D

Acq: 30 May 2025 08:59

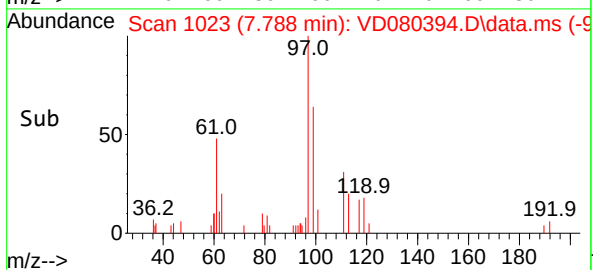
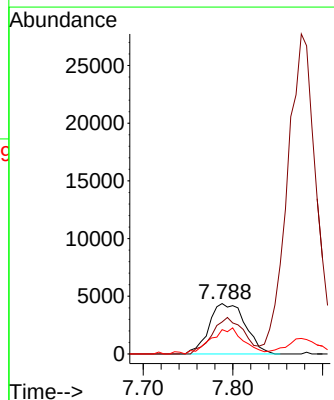
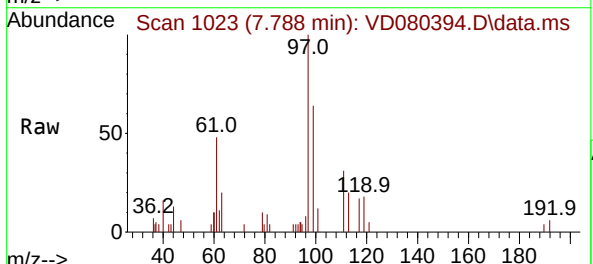
Tgt Ion: 97 Resp: 12258

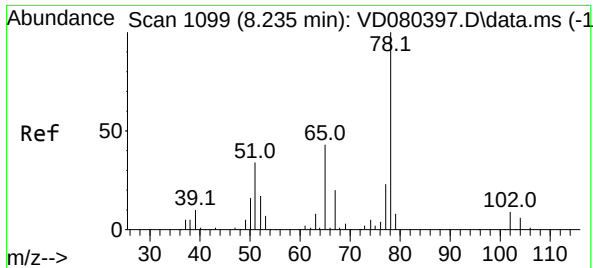
Ion Ratio Lower Upper

97 100

99 63.7 51.5 77.3

61 46.0 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 5.974 ug/l

RT: 8.235 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VD080394.D

Acq: 30 May 2025 08:59

Instrument :

MSVOA_D

ClientSampleId :

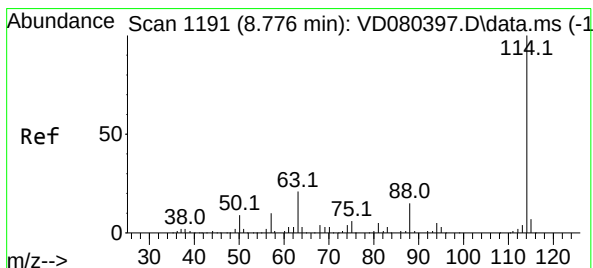
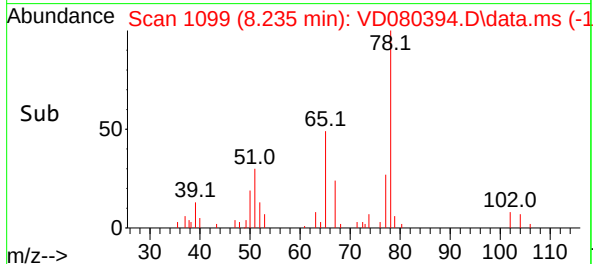
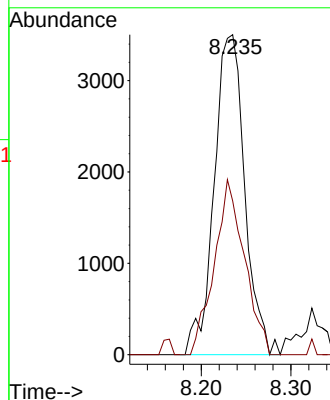
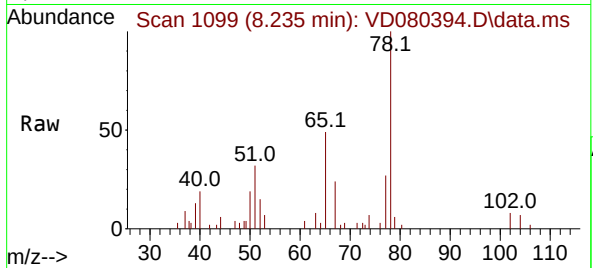
VSTDIC005

Tgt Ion: 65 Resp: 8313

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080394.D

Acq: 30 May 2025 08:59

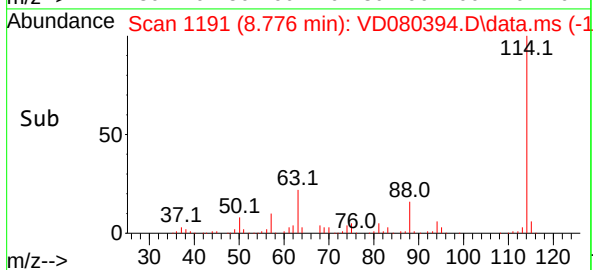
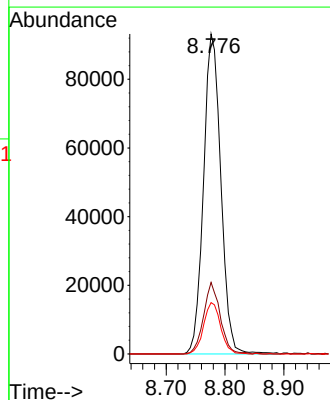
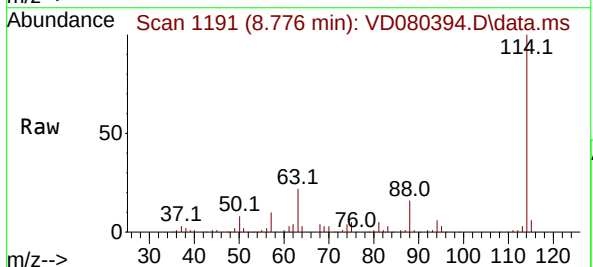
Tgt Ion: 114 Resp: 190977

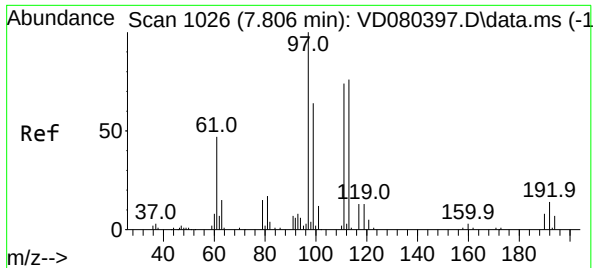
Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.4

88 16.0 0.0 29.6

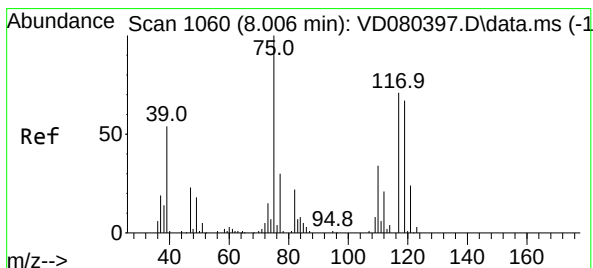
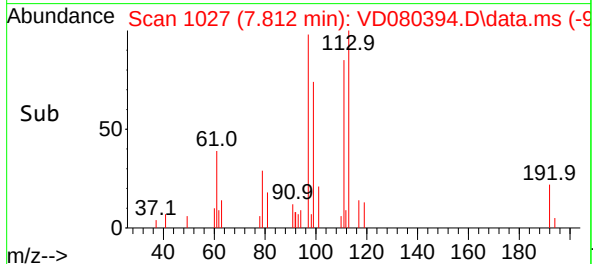
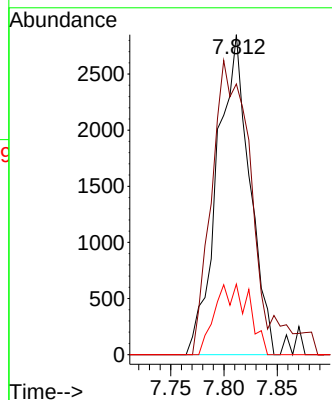
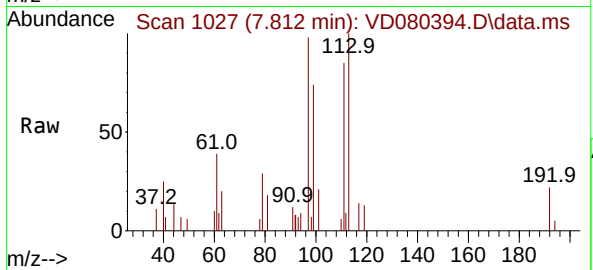




#35
Dibromofluoromethane
Concen: 4.884 ug/l
RT: 7.812 min Scan# 1027
Delta R.T. 0.006 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

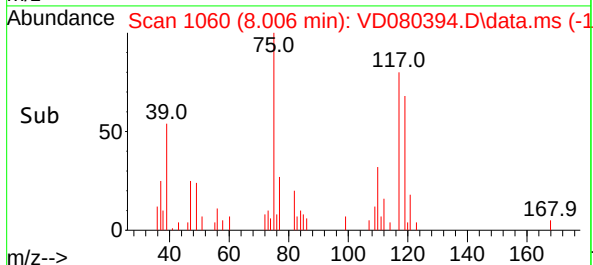
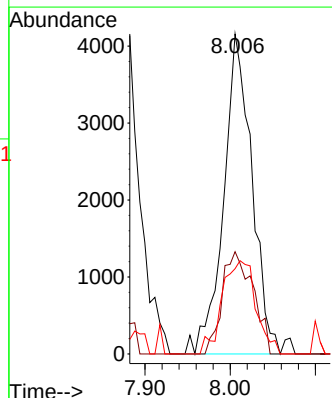
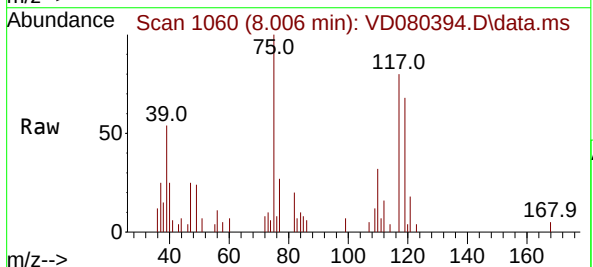
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

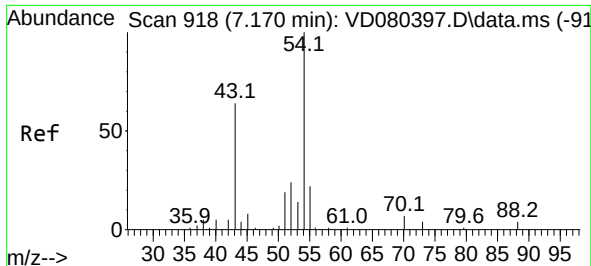
Tgt Ion:113 Resp: 6062
Ion Ratio Lower Upper
113 100
111 115.4 84.2 126.4
192 23.0 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.020 ug/l
RT: 8.006 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion: 75 Resp: 9577
Ion Ratio Lower Upper
75 100
110 34.9 16.9 50.7
77 34.9 25.0 37.6





#37

Ethyl Acetate

Concen: 3.395 ug/l

RT: 7.170 min Scan# 918

Delta R.T. 0.000 min

Lab File: VD080394.D

Acq: 30 May 2025 08:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

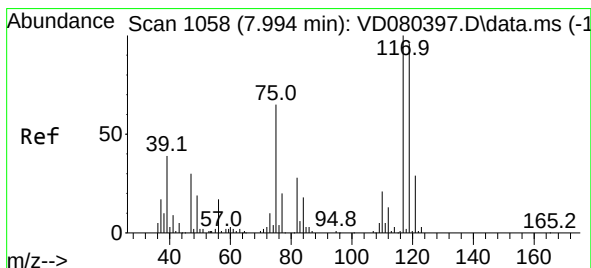
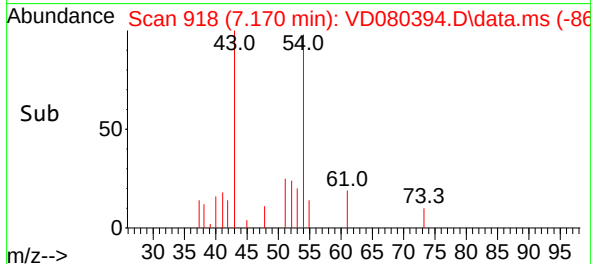
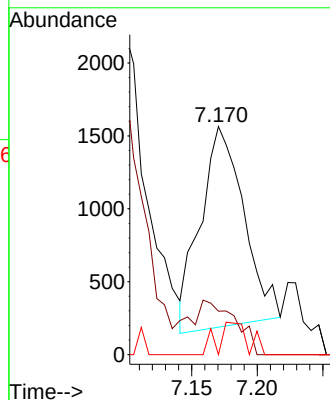
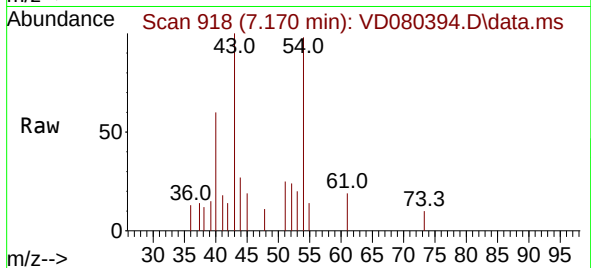
Tgt Ion: 43 Resp: 3172

Ion Ratio Lower Upper

43 100

61 26.8 11.8 17.6#

70 11.0 8.6 12.8



#38

Carbon Tetrachloride

Concen: 5.659 ug/l

RT: 8.000 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VD080394.D

Acq: 30 May 2025 08:59

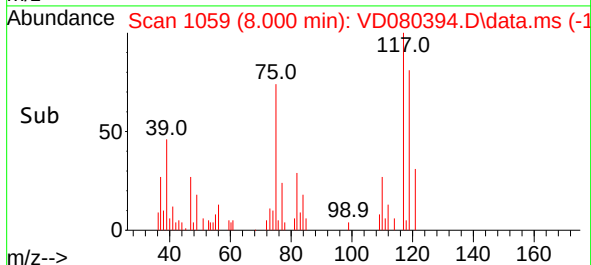
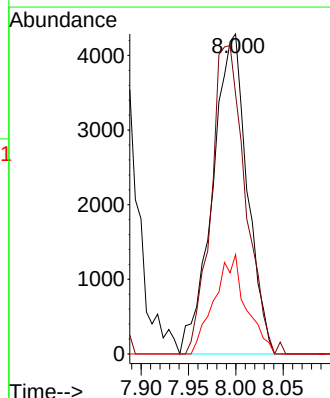
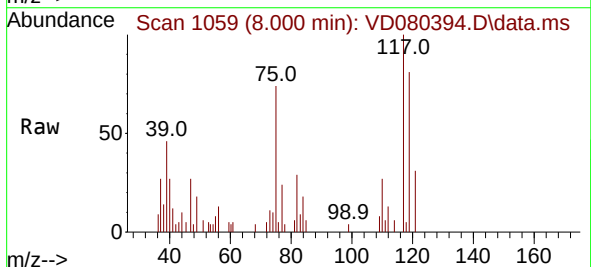
Tgt Ion: 117 Resp: 10938

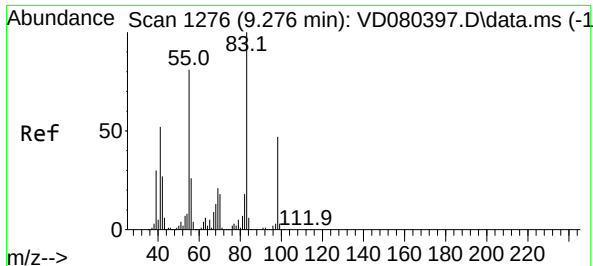
Ion Ratio Lower Upper

117 100

119 81.2 77.3 115.9

121 31.0 23.3 34.9





#39

Methylcyclohexane

Concen: 4.671 ug/l

RT: 9.270 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD080394.D

Acq: 30 May 2025 08:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

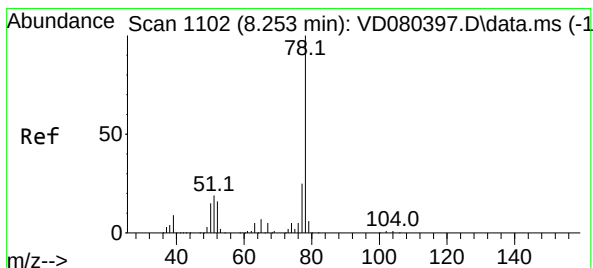
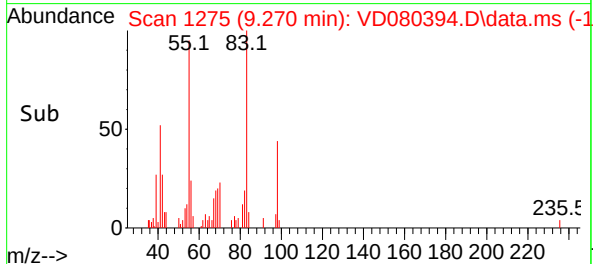
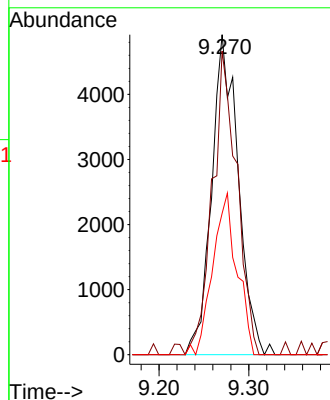
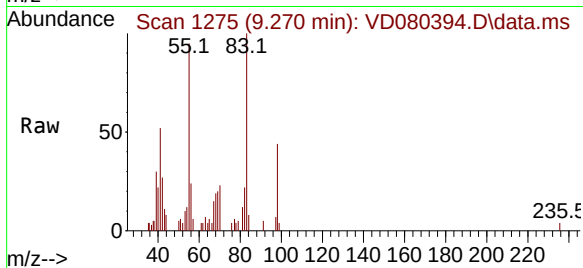
Tgt Ion: 83 Resp: 10107

Ion Ratio Lower Upper

83 100

55 94.9 64.6 97.0

98 44.2 37.5 56.3



#40

Benzene

Concen: 5.198 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080394.D

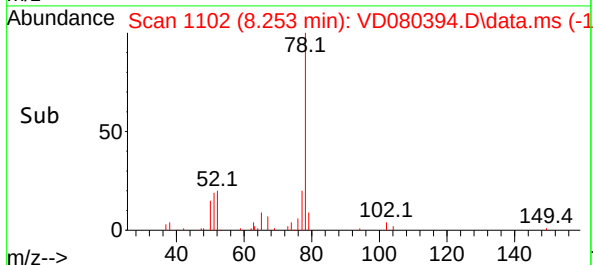
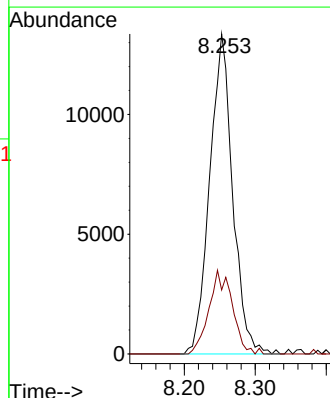
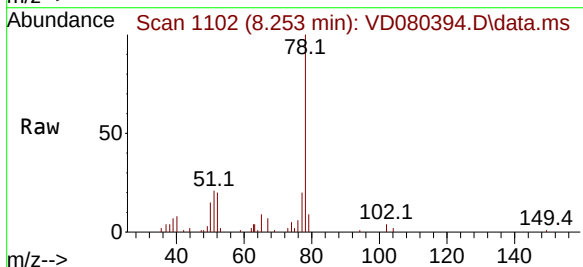
Acq: 30 May 2025 08:59

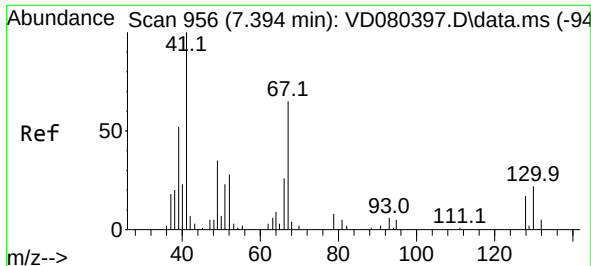
Tgt Ion: 78 Resp: 29956

Ion Ratio Lower Upper

78 100

77 20.0 20.2 30.2#

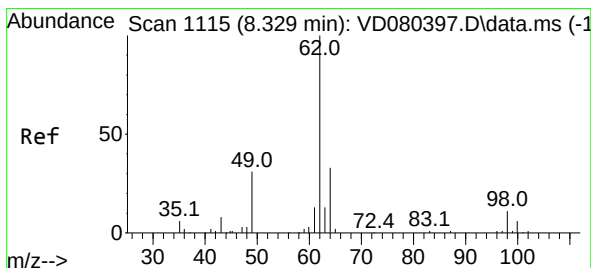
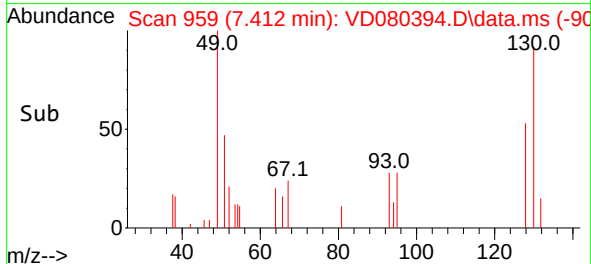
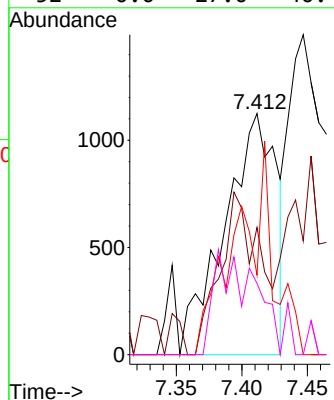
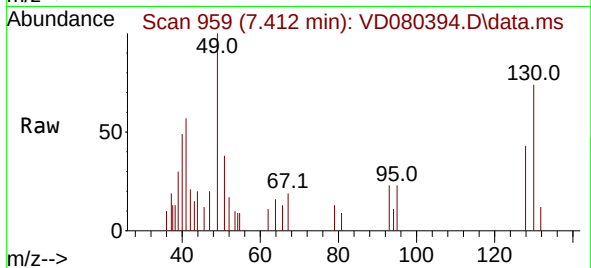




#41
Methacrylonitrile
Concen: 5.858 ug/l
RT: 7.412 min Scan# 91
Delta R.T. 0.018 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

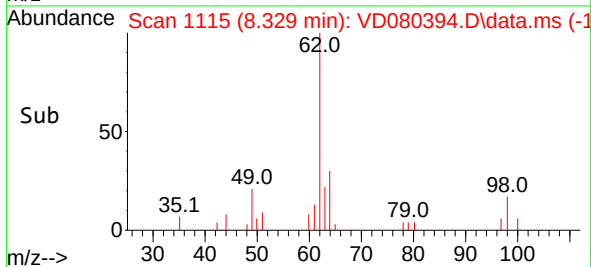
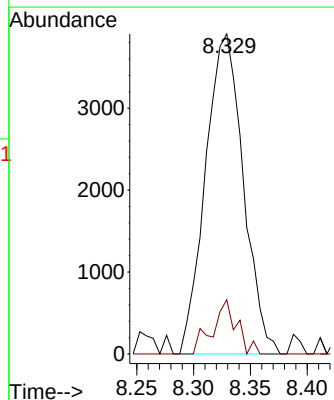
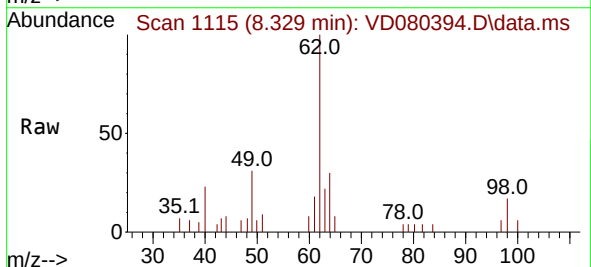
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

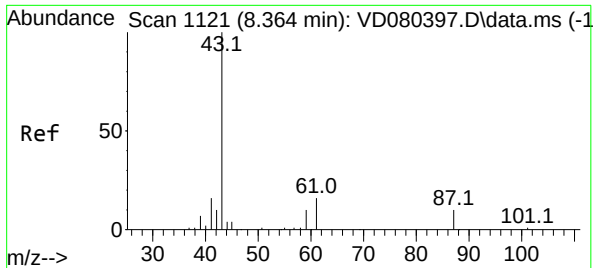
Tgt Ion: 41 Resp: 3087
Ion Ratio Lower Upper
41 100
39 50.7 51.8 77.8#
67 39.5 55.4 83.2#
52 0.0 27.0 40.4#



#42
1,2-Dichloroethane
Concen: 5.481 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion: 62 Resp: 9037
Ion Ratio Lower Upper
62 100
98 10.9 0.0 19.8

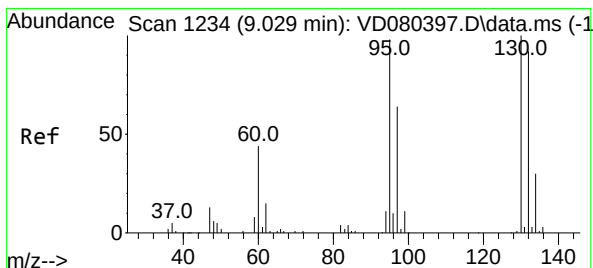
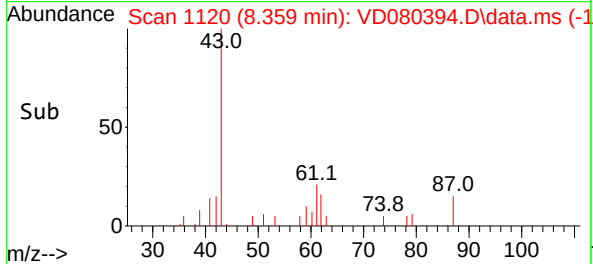
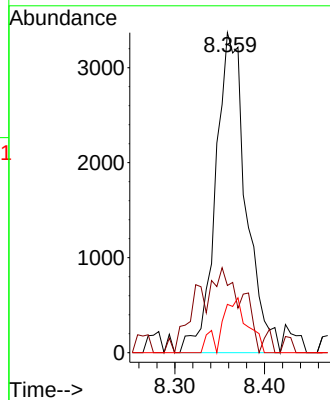
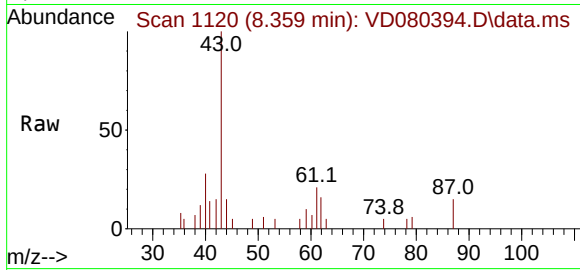




#43
Isopropyl Acetate
Concen: 4.589 ug/l
RT: 8.359 min Scan# 1120
Delta R.T. -0.006 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

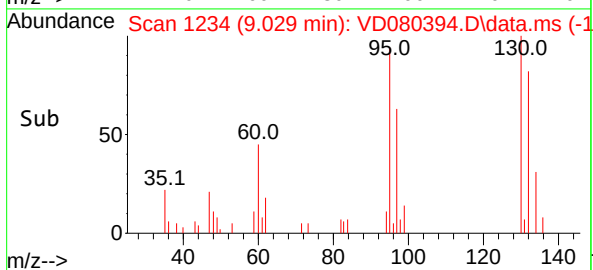
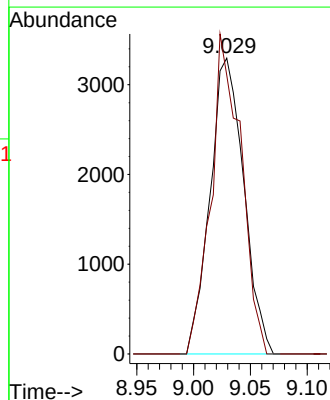
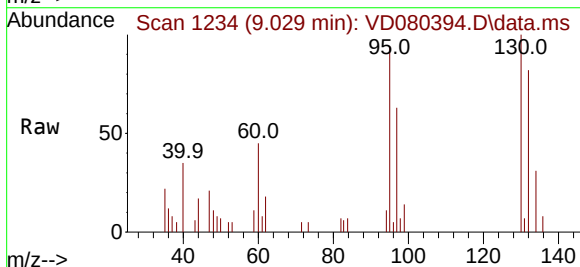
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

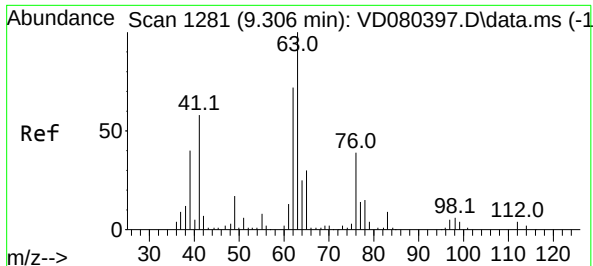
Tgt Ion: 43 Resp: 7931
Ion Ratio Lower Upper
43 100
61 25.8 24.5 36.7
87 14.9 9.8 14.6#



#44
Trichloroethene
Concen: 5.043 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion:130 Resp: 6817
Ion Ratio Lower Upper
130 100
95 94.2 0.0 195.2





#45

1,2-Dichloropropane

Concen: 5.006 ug/l

RT: 9.306 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080394.D

Acq: 30 May 2025 08:59

Instrument :

MSVOA_D

ClientSampleId :

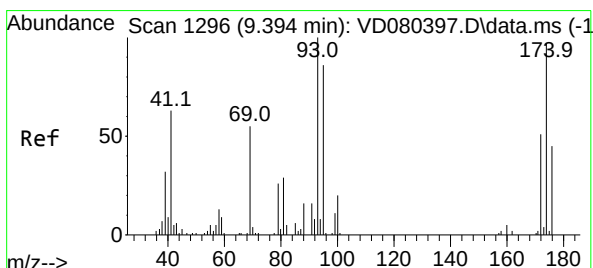
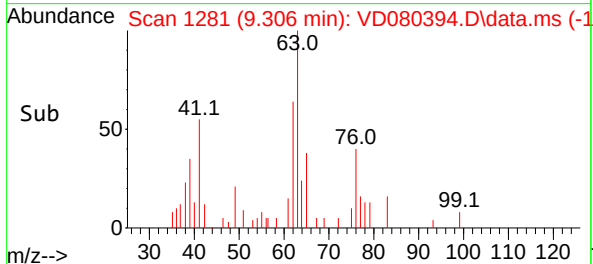
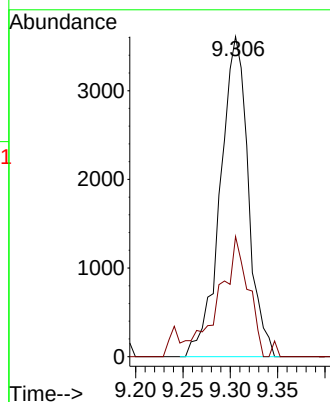
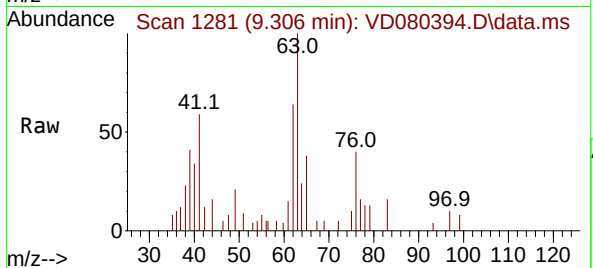
VSTDIC005

Tgt Ion: 63 Resp: 7402

Ion Ratio Lower Upper

63 100

65 37.5 23.9 35.9#



#46

Dibromomethane

Concen: 5.212 ug/l

RT: 9.400 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VD080394.D

Acq: 30 May 2025 08:59

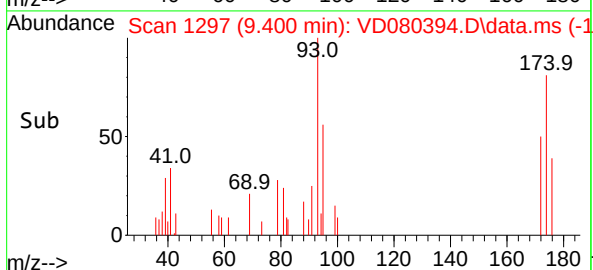
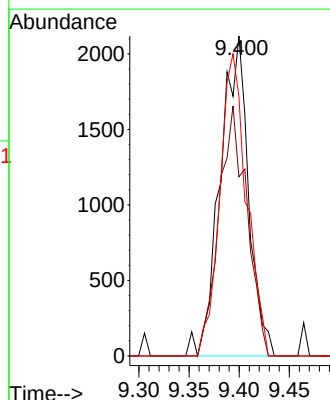
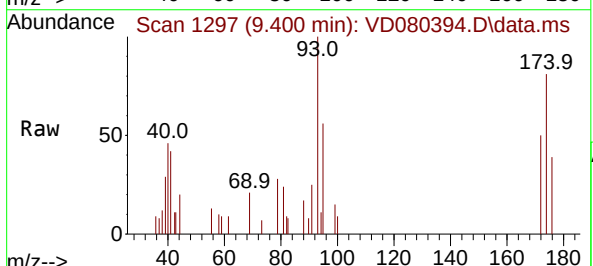
Tgt Ion: 93 Resp: 4173

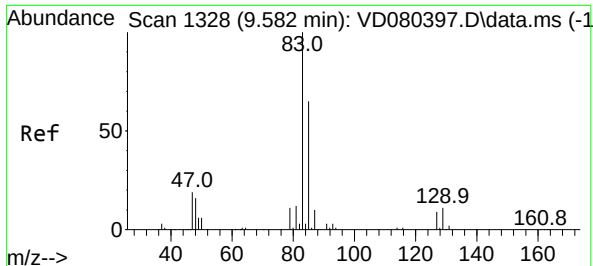
Ion Ratio Lower Upper

93 100

95 76.9 67.4 101.2

174 89.4 73.3 109.9

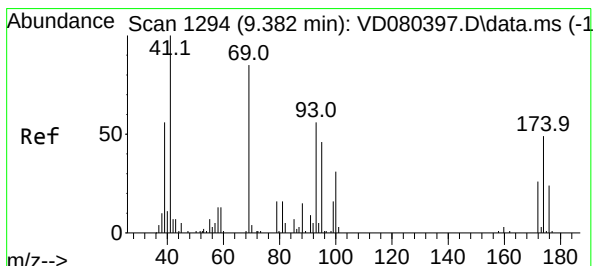
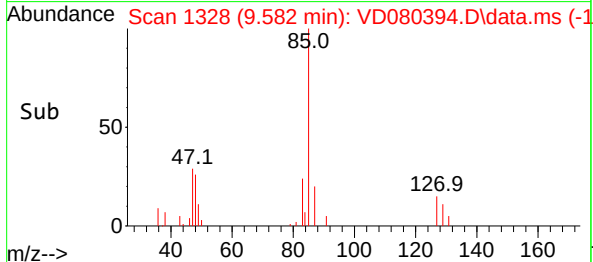
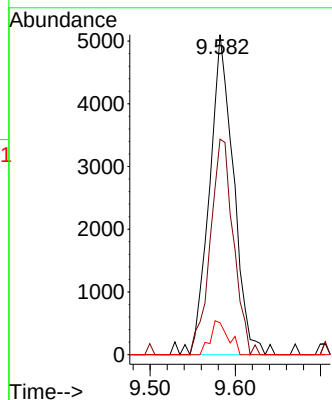
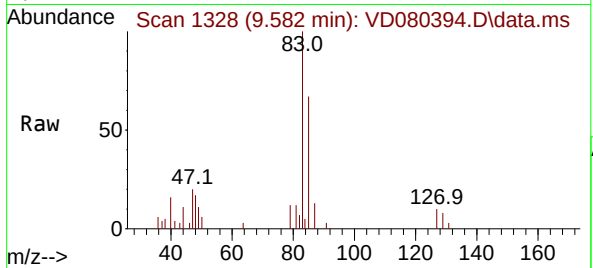




#47
Bromodichloromethane
Concen: 4.943 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

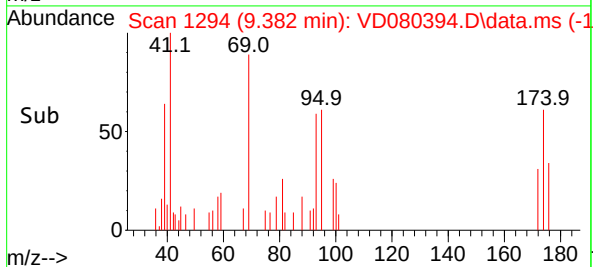
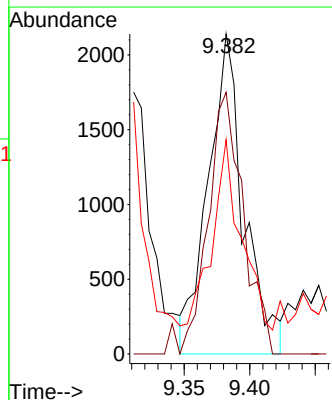
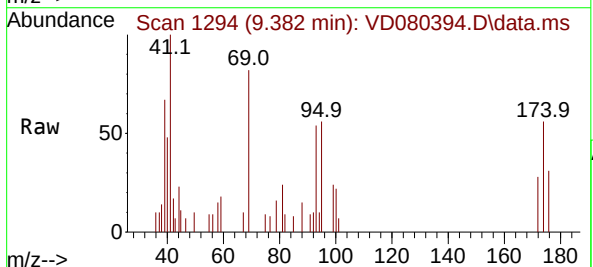
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

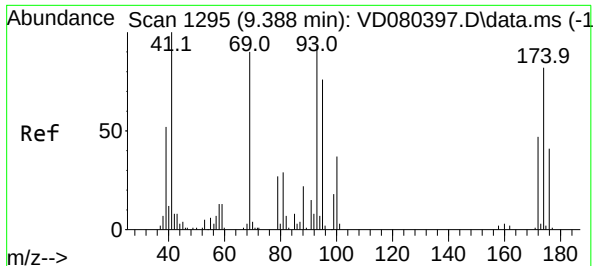
Tgt Ion: 83	Resp: 10019
Ion Ratio	Lower Upper
83 100	
85 67.4	52.2 78.2
127 10.0	7.0 10.6



#48
Methyl methacrylate
Concen: 4.790 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion: 41	Resp: 4028
Ion Ratio	Lower Upper
41 100	
69 82.0	63.8 95.8
39 64.9	40.6 60.8#





#49

1,4-Dioxane

Concen: 84.743 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VD080394.D

Acq: 30 May 2025 08:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

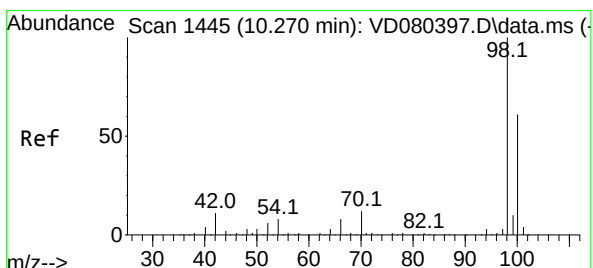
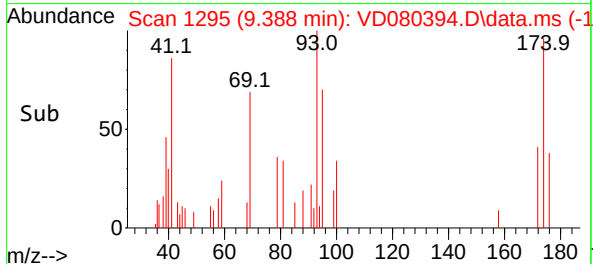
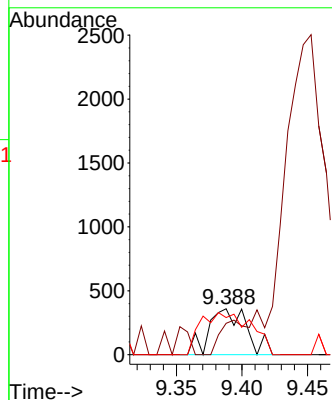
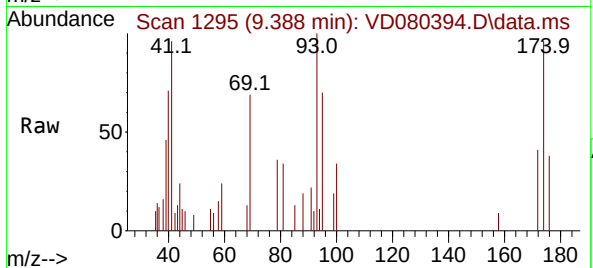
Tgt Ion: 88 Resp: 721

Ion Ratio Lower Upper

88 100

43 54.4 35.8 53.8#

58 123.2 58.3 87.5#



#50

Toluene-d8

Concen: 4.751 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080394.D

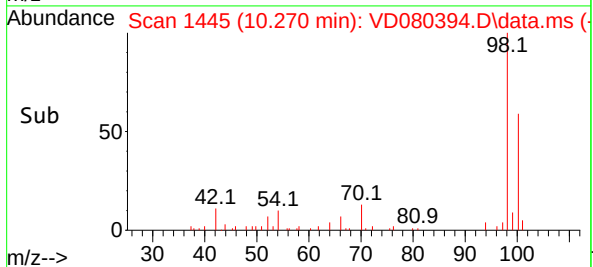
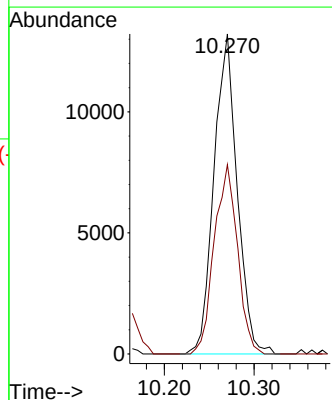
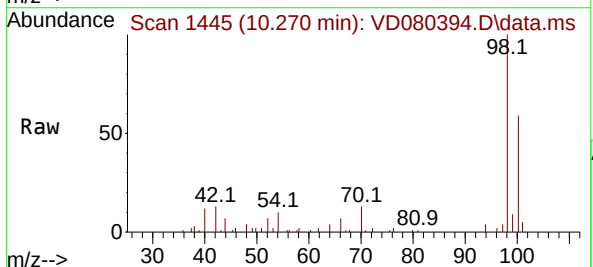
Acq: 30 May 2025 08:59

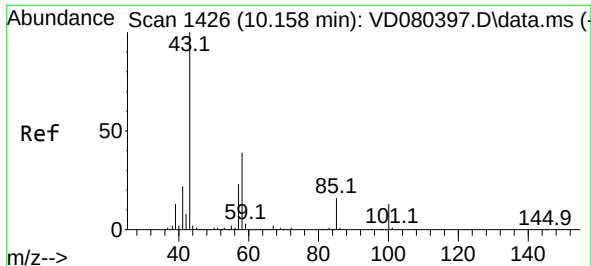
Tgt Ion: 98 Resp: 23727

Ion Ratio Lower Upper

98 100

100 59.4 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 19.997 ug/l

RT: 10.158 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VD080394.D

Acq: 30 May 2025 08:59

Instrument :

MSVOA_D

ClientSampleId :

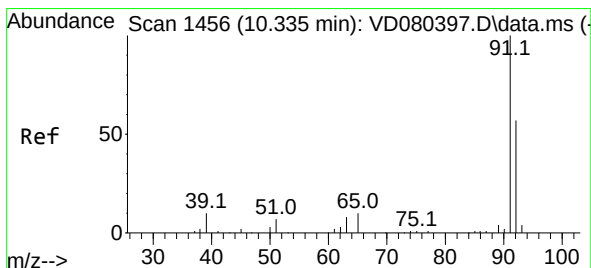
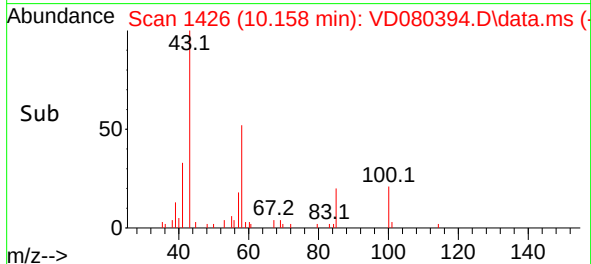
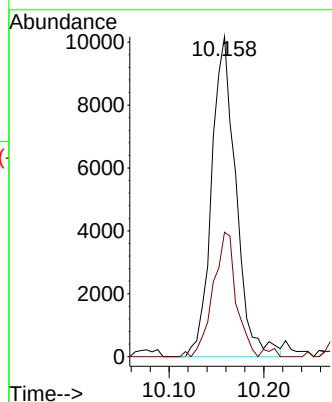
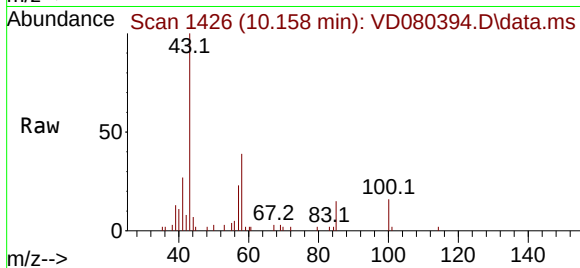
VSTDIC005

Tgt Ion: 43 Resp: 18239

Ion Ratio Lower Upper

43 100

58 36.6 30.5 45.7



#52

Toluene

Concen: 4.329 ug/l

RT: 10.335 min Scan# 1456

Delta R.T. 0.000 min

Lab File: VD080394.D

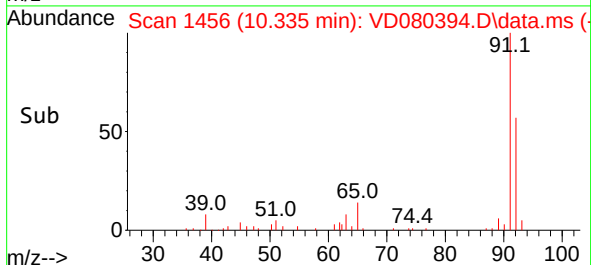
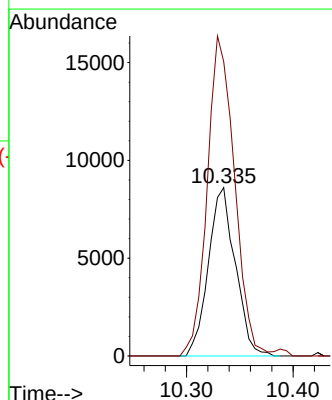
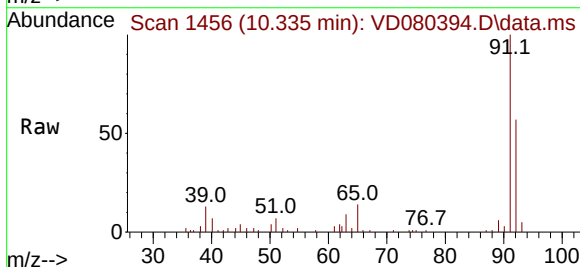
Acq: 30 May 2025 08:59

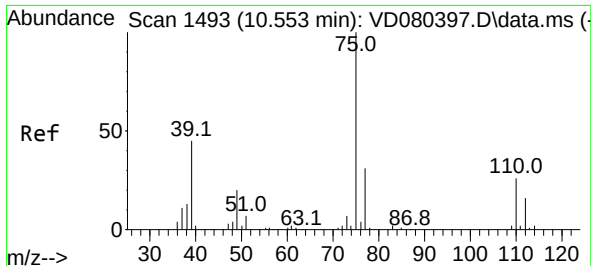
Tgt Ion: 92 Resp: 15135

Ion Ratio Lower Upper

92 100

91 192.5 142.5 213.7

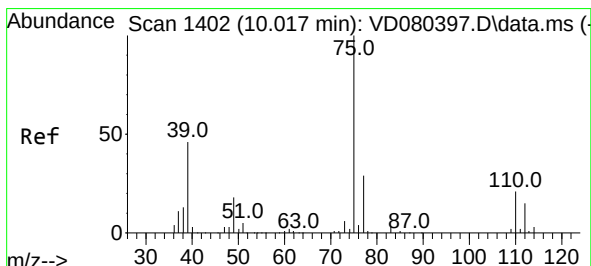
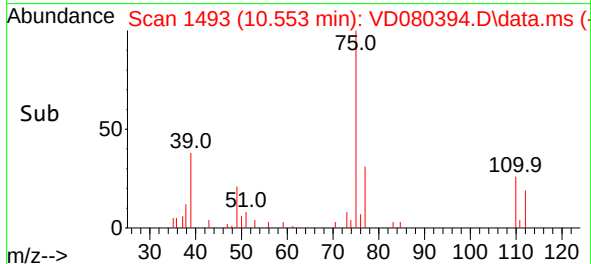
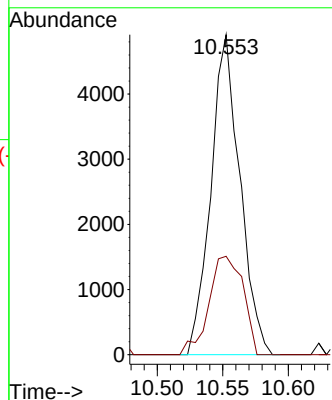
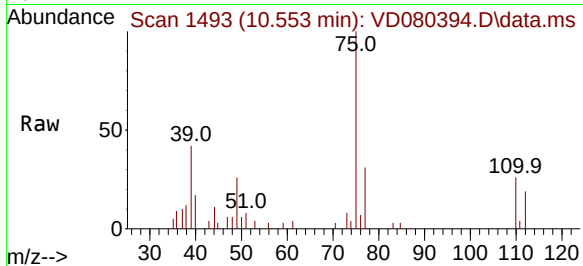




#53
 t-1,3-Dichloropropene
 Concen: 4.046 ug/l
 RT: 10.553 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VD080394.D
 Acq: 30 May 2025 08:59

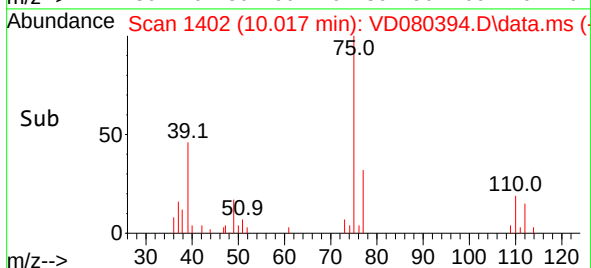
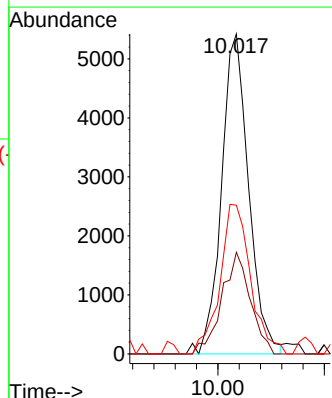
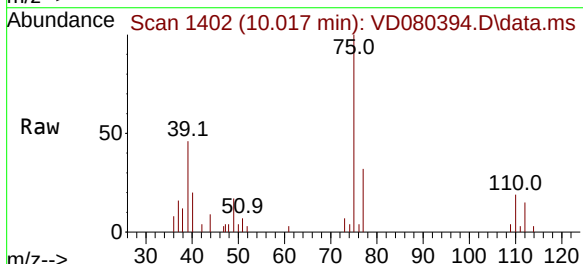
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

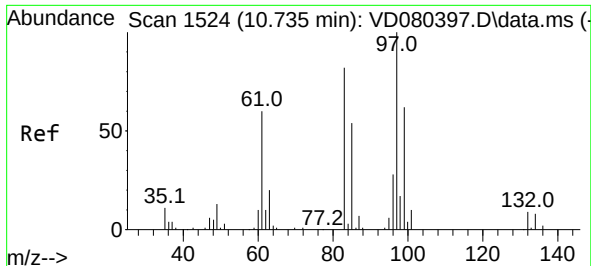
Tgt Ion: 75 Resp: 7565
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.7 37.1



#54
 cis-1,3-Dichloropropene
 Concen: 4.474 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. 0.000 min
 Lab File: VD080394.D
 Acq: 30 May 2025 08:59

Tgt Ion: 75 Resp: 9581
 Ion Ratio Lower Upper
 75 100
 77 31.7 23.3 34.9
 39 46.5 36.5 54.7

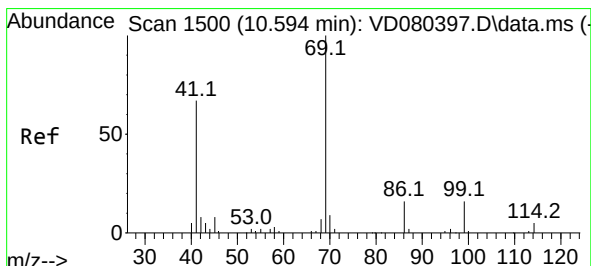
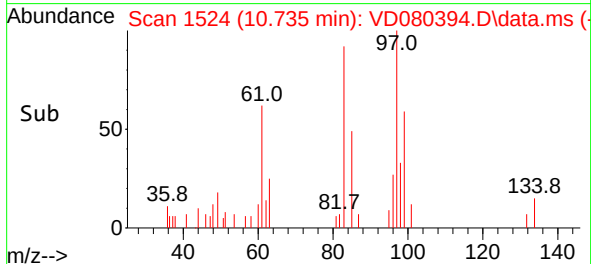
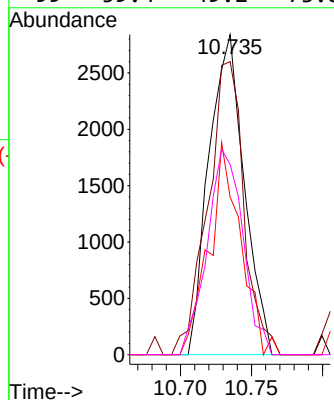
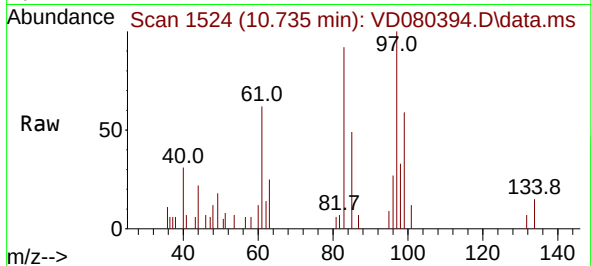




#55
1,1,2-Trichloroethane
Concen: 4.586 ug/l
RT: 10.735 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

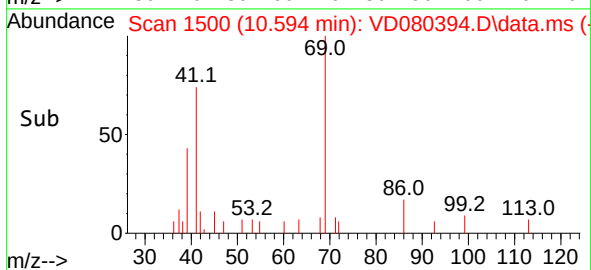
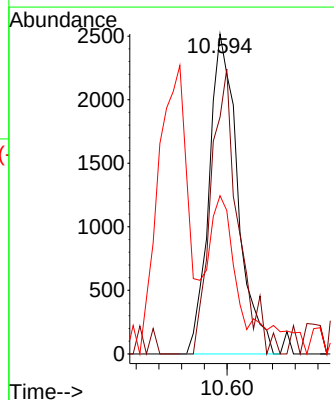
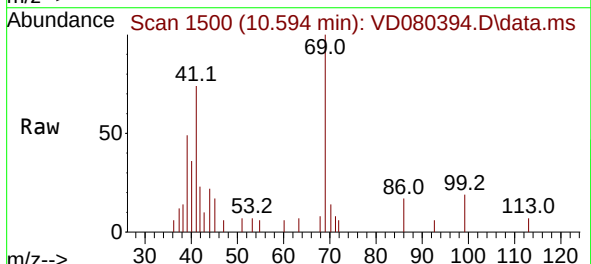
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

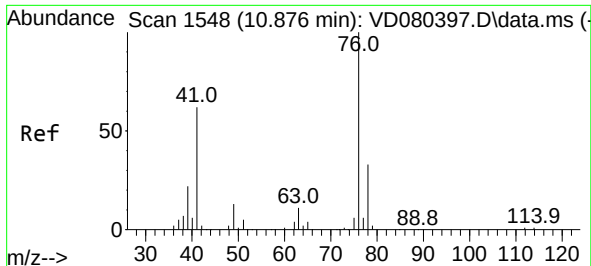
Tgt Ion:	97	Resp:	4910
Ion	Ratio	Lower	Upper
97	100		
83	91.6	65.5	98.3
85	49.3	43.2	64.8
99	59.4	49.2	73.8



#56
Ethyl methacrylate
Concen: 6.673 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion:	69	Resp:	4432
Ion	Ratio	Lower	Upper
69	100		
41	83.9	54.4	81.6#
39	55.9	28.0	42.0#





#57

1,3-Dichloropropane

Concen: 4.382 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. 0.000 min

Lab File: VD080394.D

Acq: 30 May 2025 08:59

Instrument :

MSVOA_D

ClientSampleId :

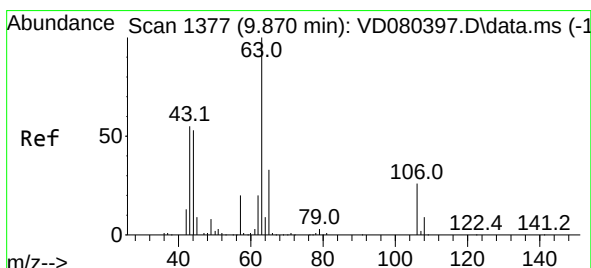
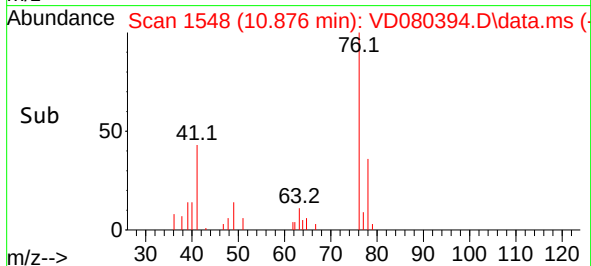
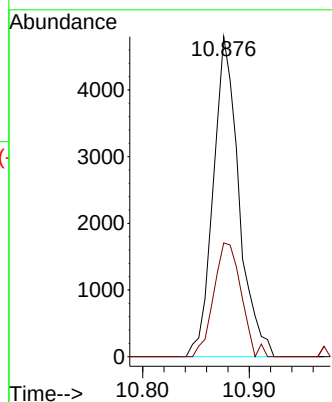
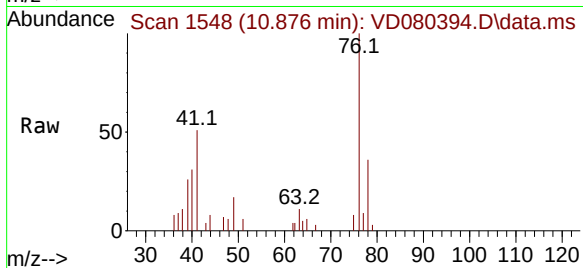
VSTDIC005

Tgt Ion: 76 Resp: 8016

Ion Ratio Lower Upper

76 100

78 38.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 20.661 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VD080394.D

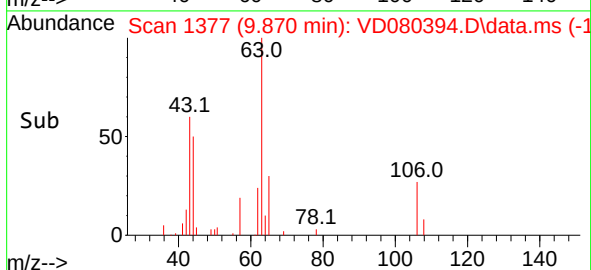
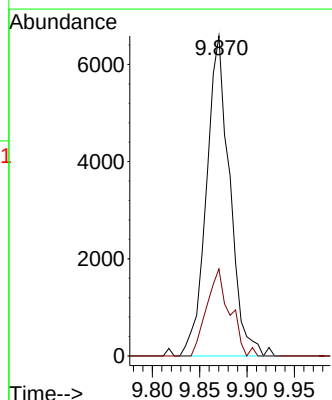
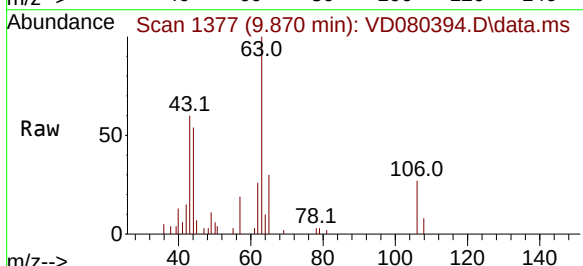
Acq: 30 May 2025 08:59

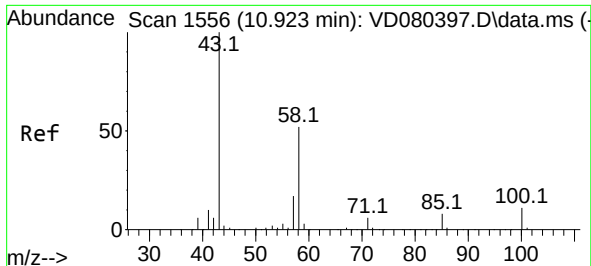
Tgt Ion: 63 Resp: 11274

Ion Ratio Lower Upper

63 100

106 27.0 20.7 31.1

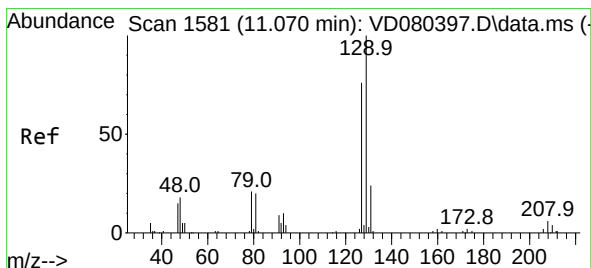
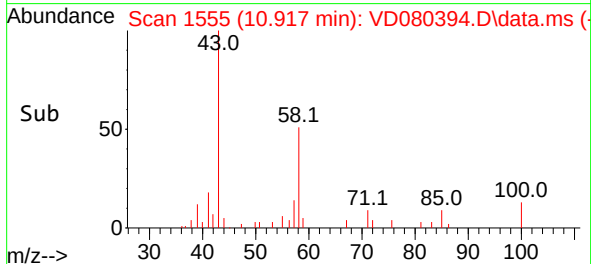
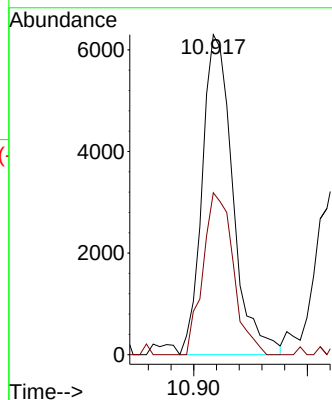
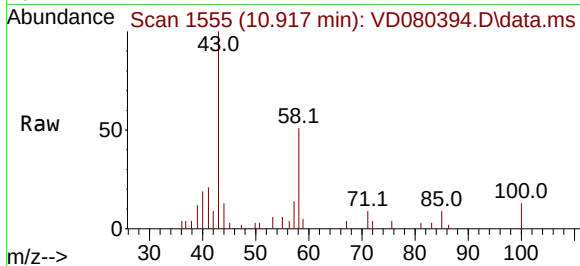




#59
2-Hexanone
Concen: 19.116 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

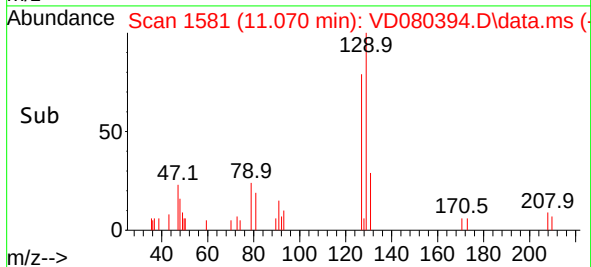
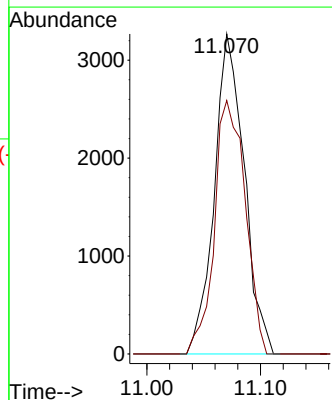
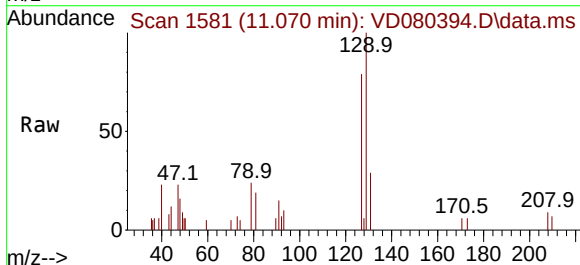
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

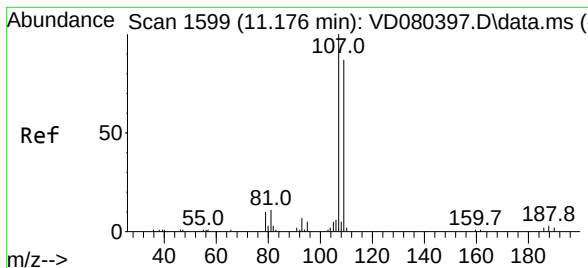
Tgt Ion: 43 Resp: 11798
Ion Ratio Lower Upper
43 100
58 49.8 25.8 77.4



#60
Dibromochloromethane
Concen: 4.578 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion: 129 Resp: 5978
Ion Ratio Lower Upper
129 100
127 81.7 38.0 113.9

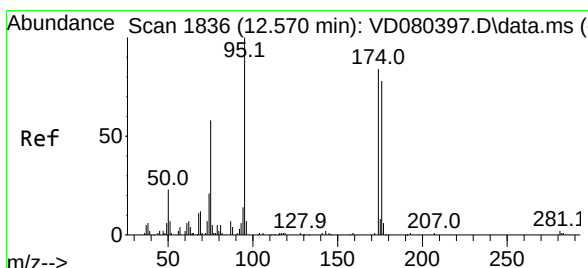
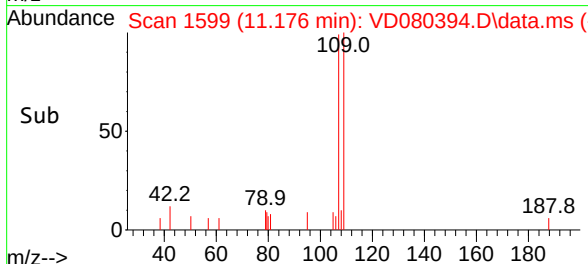
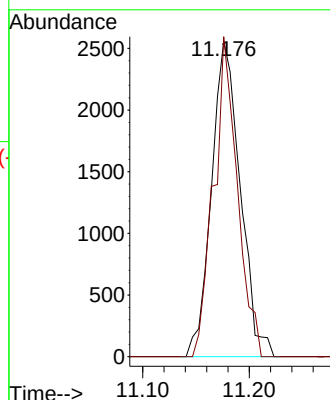
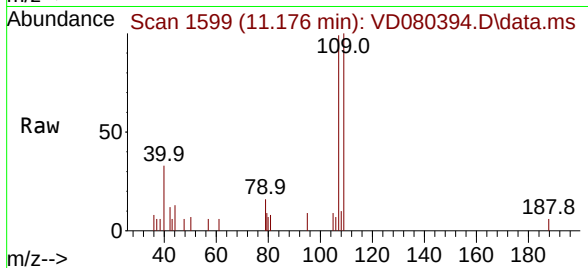




#61
1,2-Dibromoethane
Concen: 4.984 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

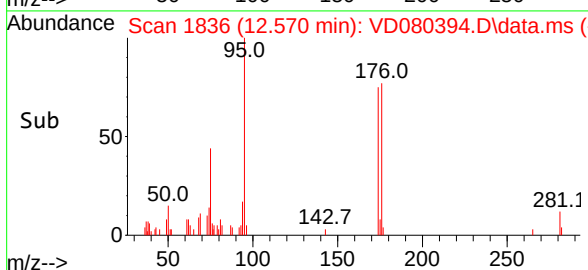
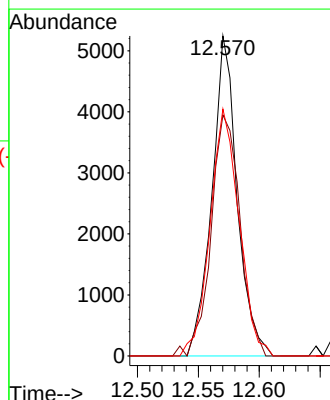
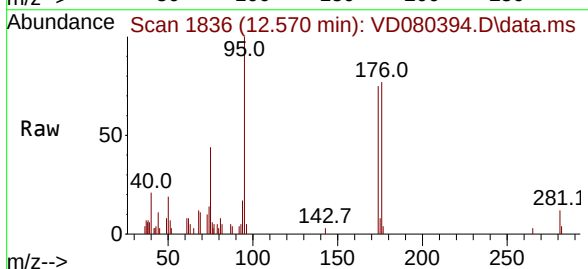
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

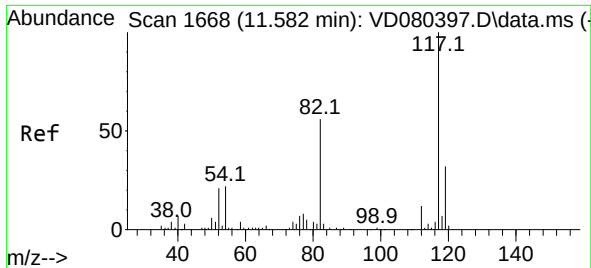
Tgt Ion:107 Resp: 4786
Ion Ratio Lower Upper
107 100
109 83.9 72.6 108.8



#62
4-Bromofluorobenzene
Concen: 4.948 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion: 95 Resp: 7565
Ion Ratio Lower Upper
95 100
174 86.6 0.0 164.8
176 88.7 0.0 158.4

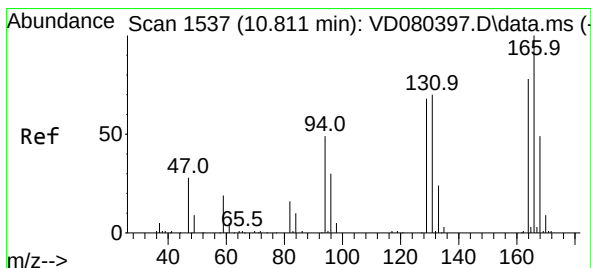
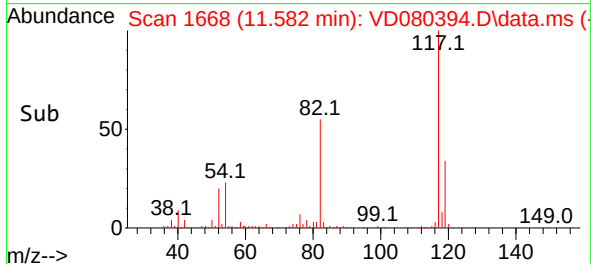
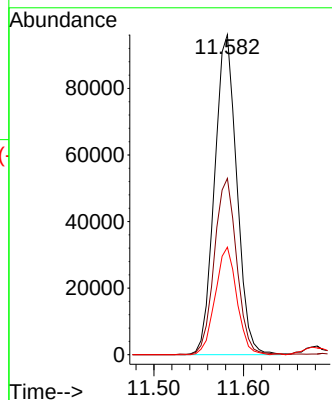
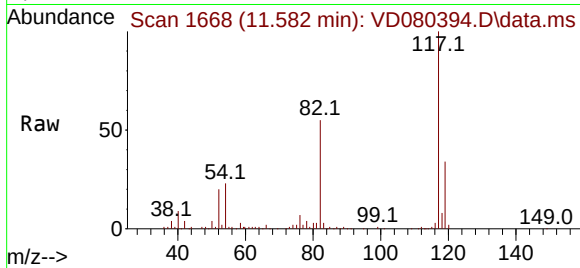




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

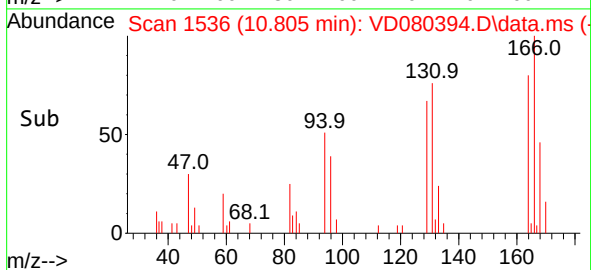
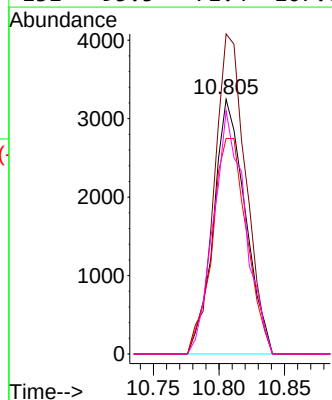
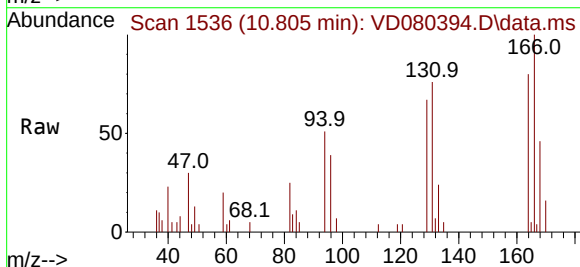
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

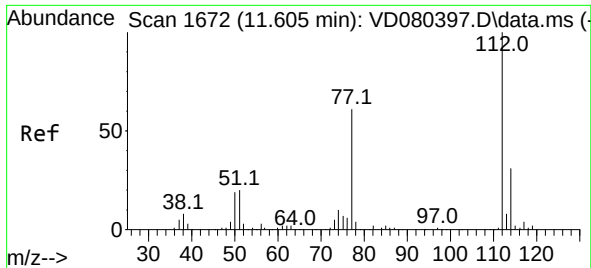
Tgt Ion:117 Resp: 165213
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.4
119 33.6 25.6 38.4



#64
Tetrachloroethene
Concen: 4.903 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. -0.006 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion:164 Resp: 5458
Ion Ratio Lower Upper
164 100
166 125.7 102.0 153.0
129 84.7 69.8 104.8
131 95.5 71.4 107.0

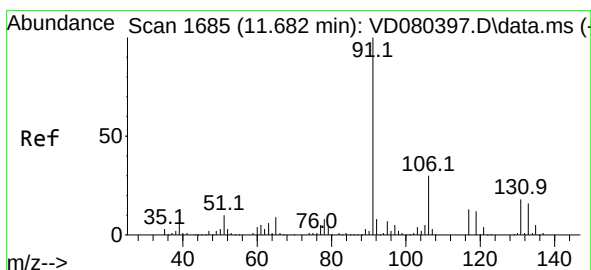
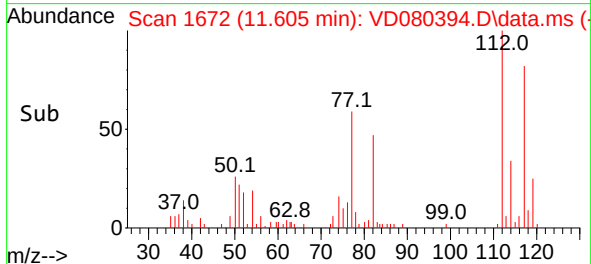
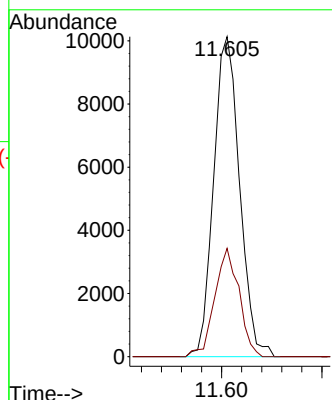
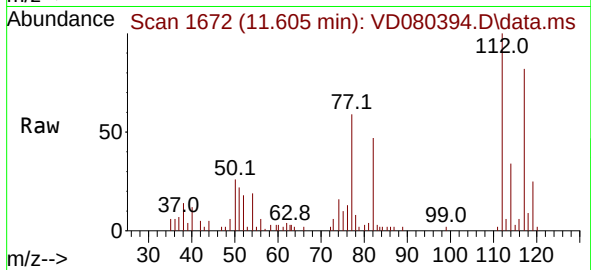




#65
Chlorobenzene
Concen: 5.015 ug/l
RT: 11.605 min Scan# 1162
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

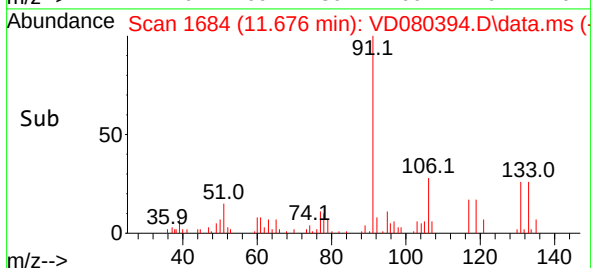
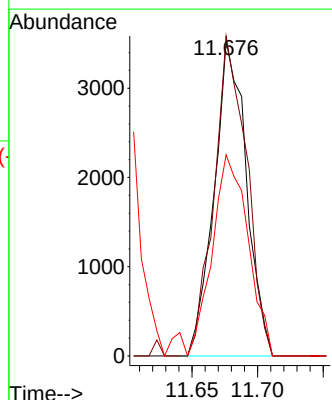
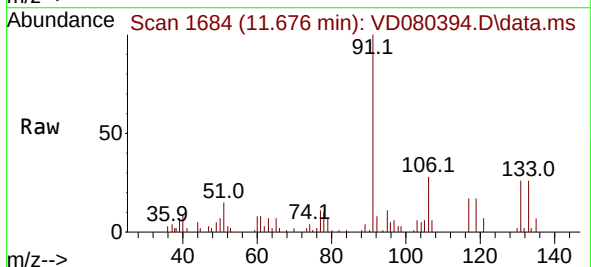
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

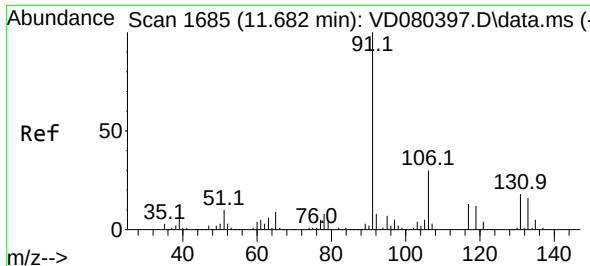
Tgt Ion:112 Resp: 18162
Ion Ratio Lower Upper
112 100
114 33.9 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 4.937 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion:131 Resp: 6027
Ion Ratio Lower Upper
131 100
133 101.9 47.3 141.8
119 73.4 33.8 101.4

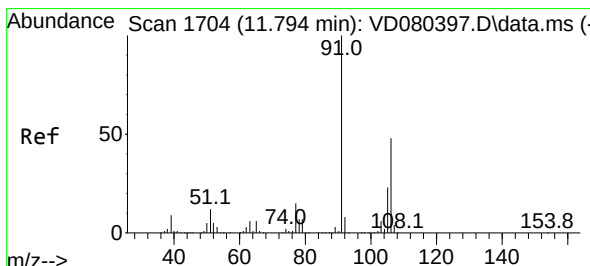
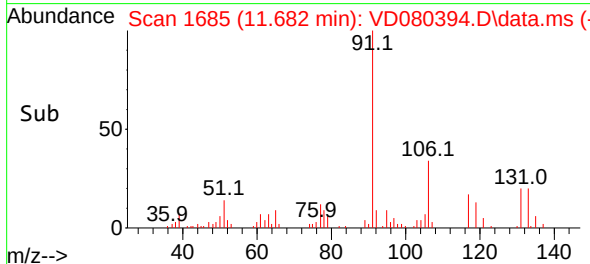
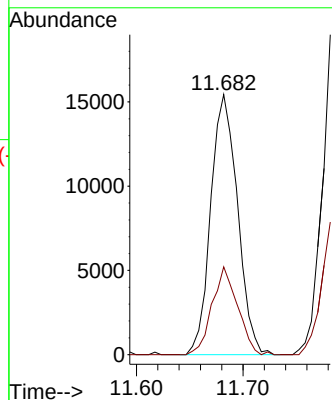
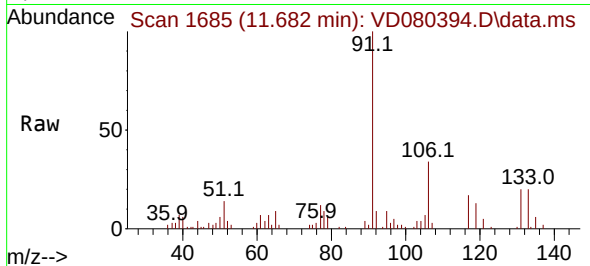




#67
Ethyl Benzene
Concen: 4.418 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

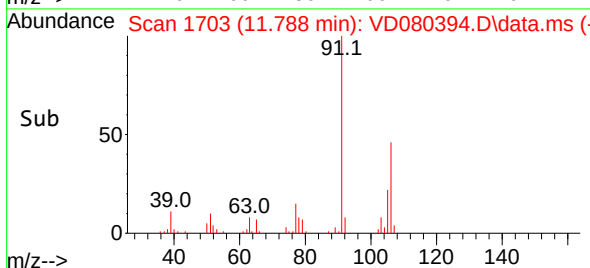
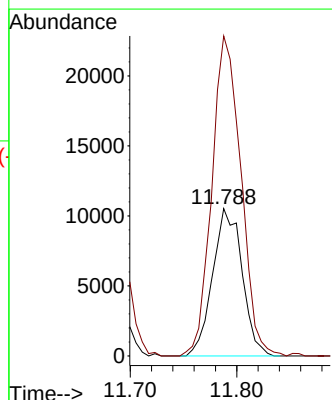
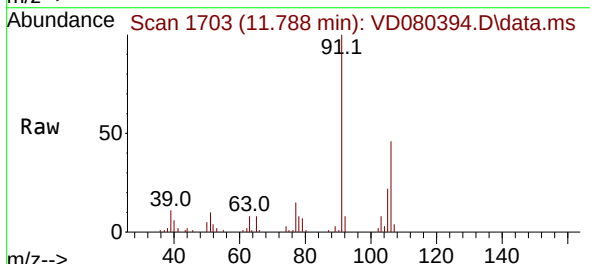
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

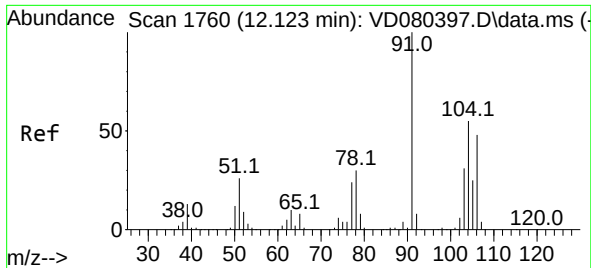
Tgt Ion: 91 Resp: 27003
Ion Ratio Lower Upper
91 100
106 33.8 24.4 36.6



#68
m/p-Xylenes
Concen: 8.447 ug/l
RT: 11.788 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion: 106 Resp: 20219
Ion Ratio Lower Upper
106 100
91 214.1 164.6 247.0

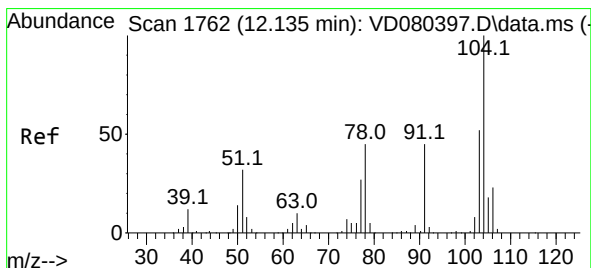
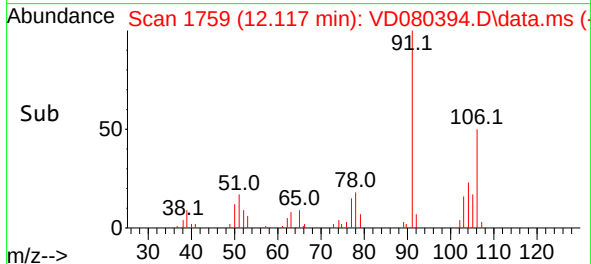
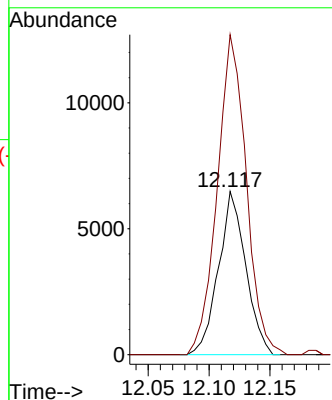
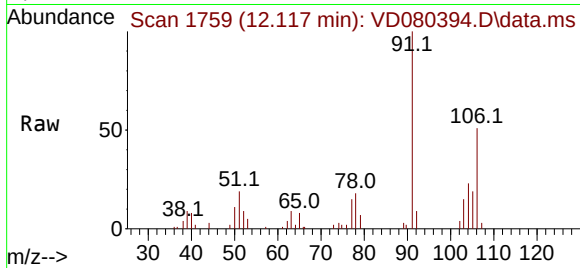




#69
o-Xylene
Concen: 4.539 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. -0.006 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

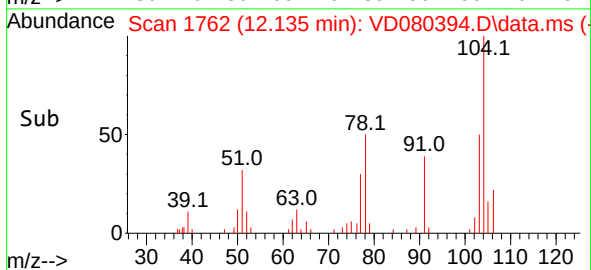
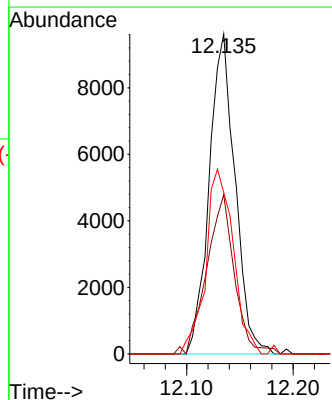
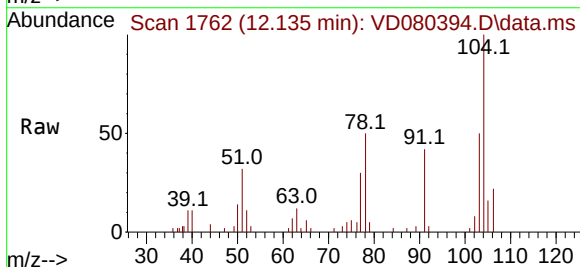
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

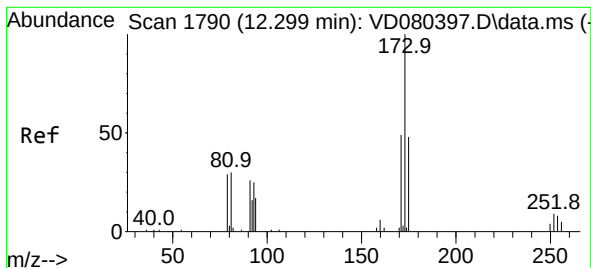
Tgt Ion:106 Resp: 10114
Ion Ratio Lower Upper
106 100
91 208.3 108.0 324.0



#70
Styrene
Concen: 4.131 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion:104 Resp: 16229
Ion Ratio Lower Upper
104 100
78 53.3 39.6 59.4
103 61.2 44.4 66.6





#71

Bromoform

Concen: 4.124 ug/l

RT: 12.300 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VD080394.D

Acq: 30 May 2025 08:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

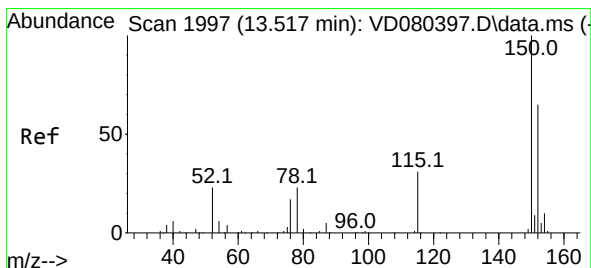
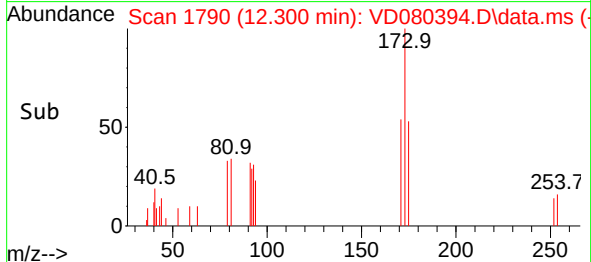
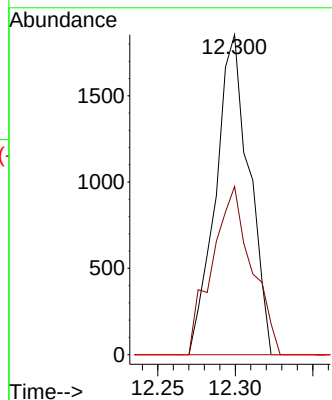
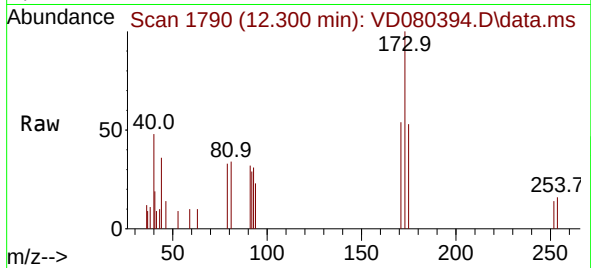
Tgt Ion:173 Resp: 2785

Ion Ratio Lower Upper

173 100

175 62.2 23.8 71.5

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: VD080394.D

Acq: 30 May 2025 08:59

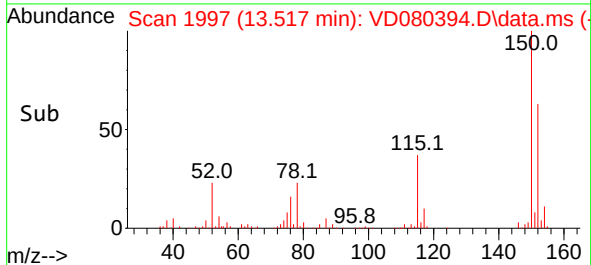
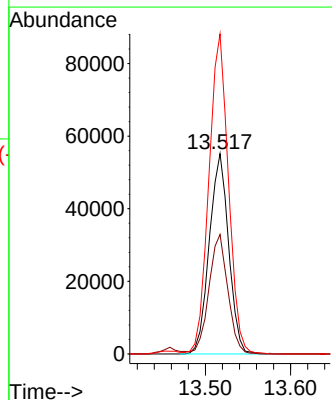
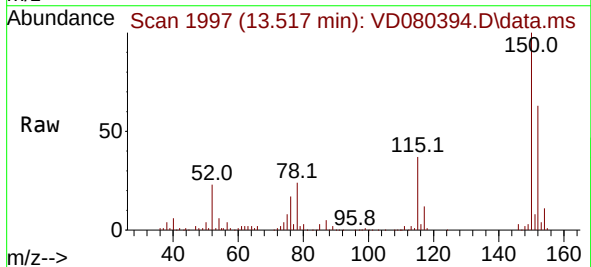
Tgt Ion:152 Resp: 87018

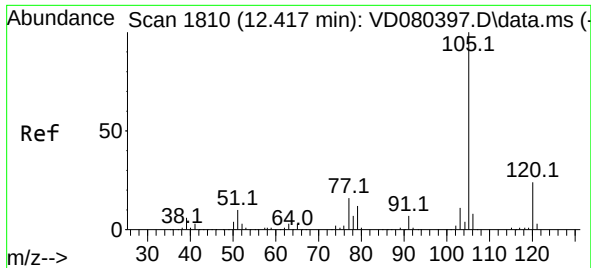
Ion Ratio Lower Upper

152 100

115 58.1 30.1 90.5

150 161.3 0.0 350.6

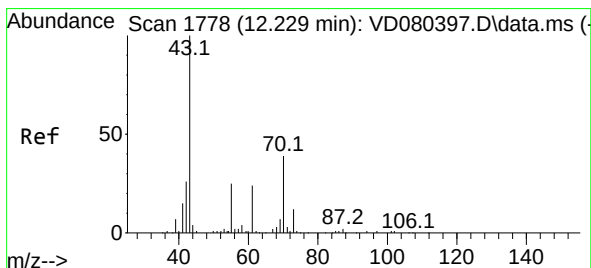
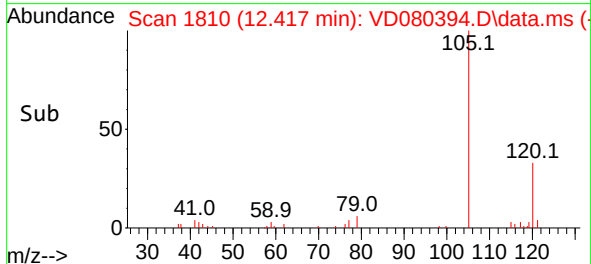
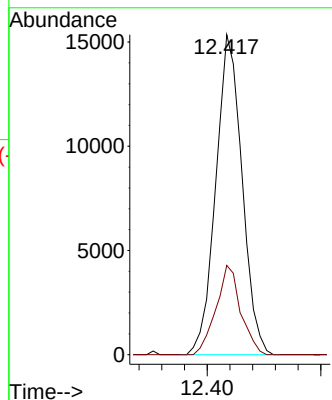
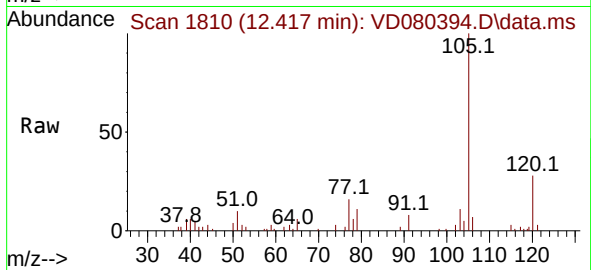




#73
Isopropylbenzene
Concen: 4.118 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

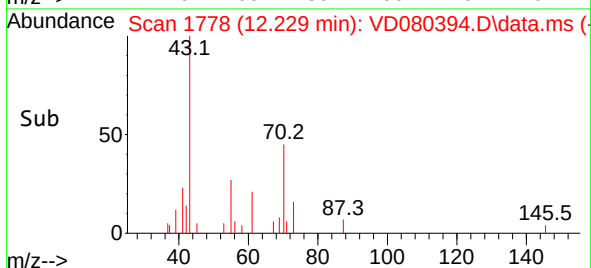
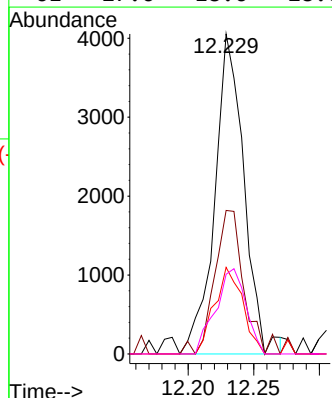
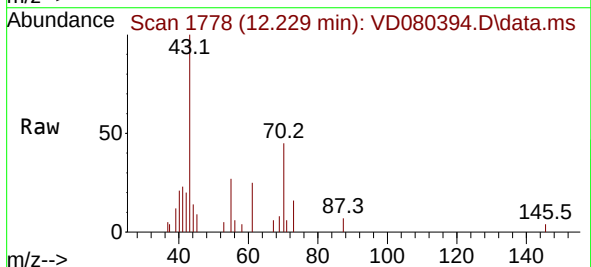
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

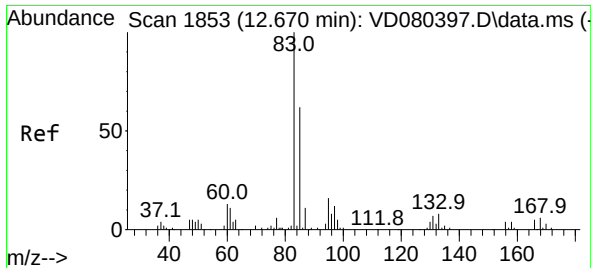
Tgt Ion:105 Resp: 24625
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.6



#74
N-ethyl acetate
Concen: 3.881 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion: 43 Resp: 6295
Ion Ratio Lower Upper
43 100
70 46.1 33.4 50.0
55 26.0 19.9 29.9
61 27.6 18.6 28.0

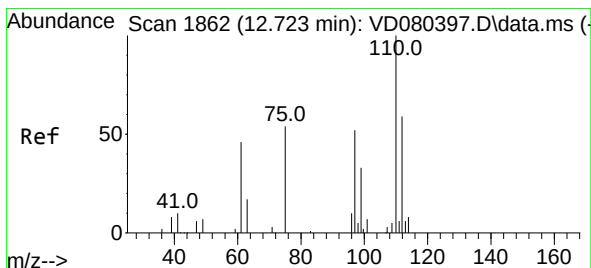
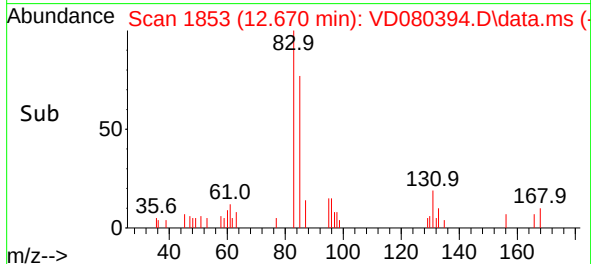
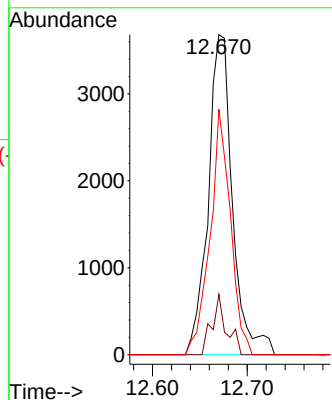
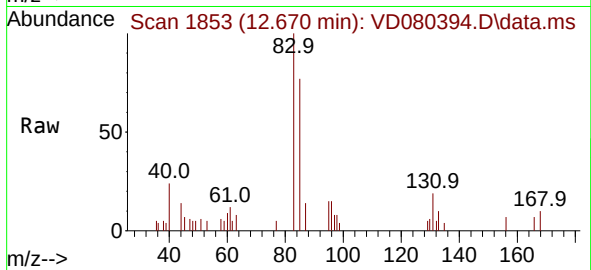




#75
1,1,2,2-Tetrachloroethane
Concen: 5.187 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

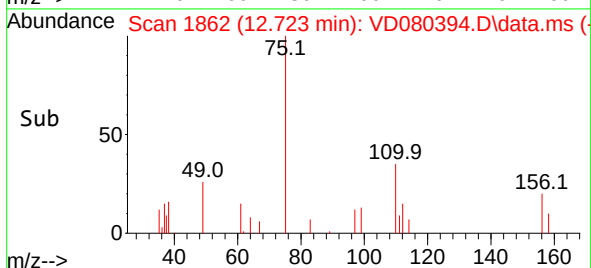
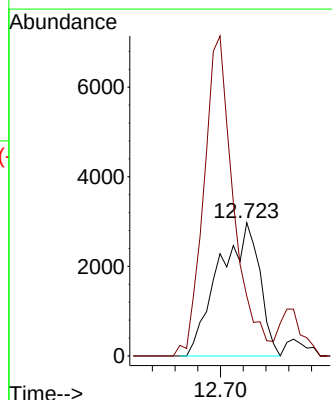
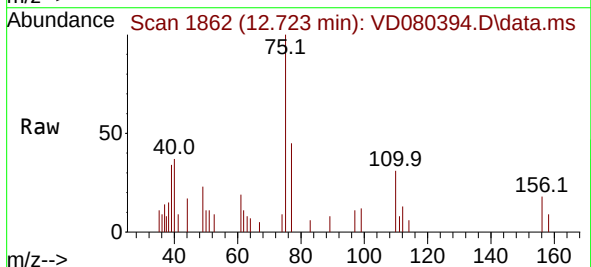
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

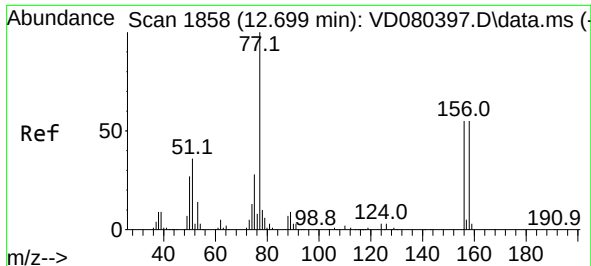
Tgt Ion: 83 Resp: 6557
Ion Ratio Lower Upper
83 100
131 11.2 4.6 13.8
85 64.3 30.9 92.7



#76
1,2,3-Trichloropropane
Concen: 8.276 ug/l
RT: 12.723 min Scan# 1862
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion: 75 Resp: 7407
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

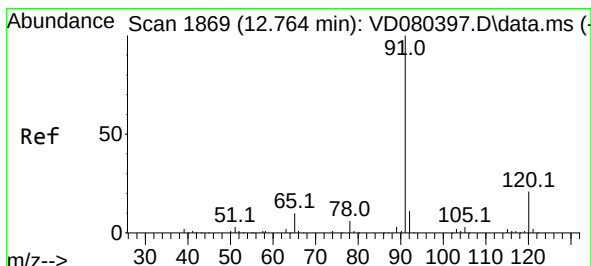
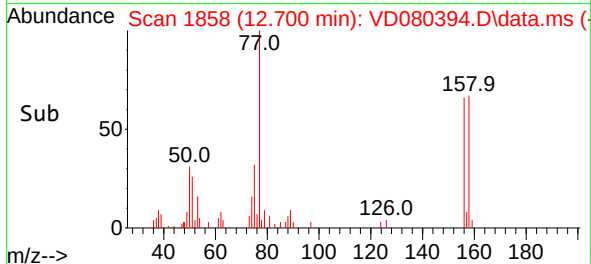
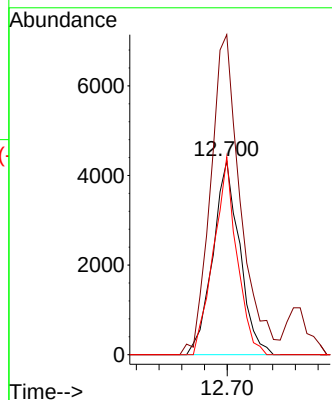
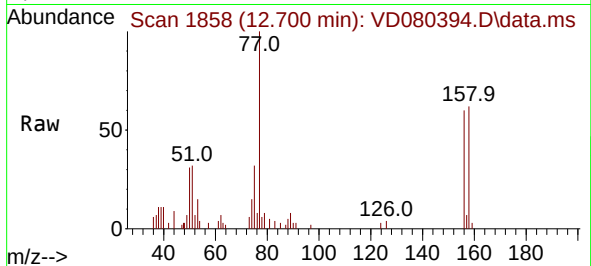




#77
Bromobenzene
Concen: 4.816 ug/l
RT: 12.700 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

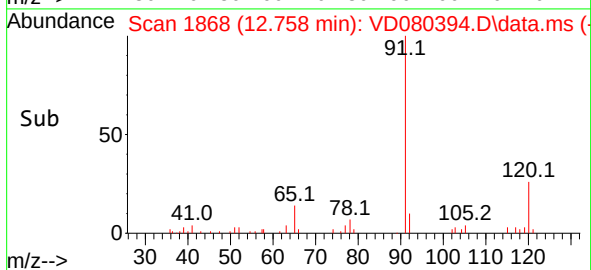
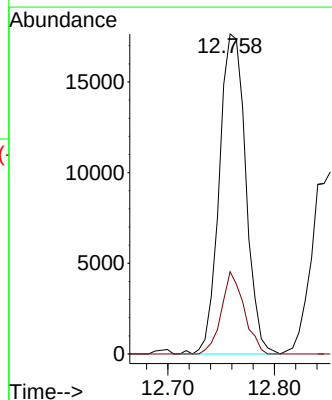
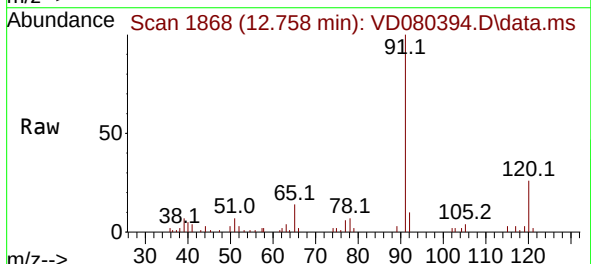
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

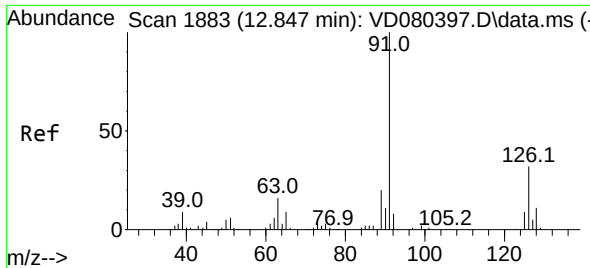
Tgt Ion:156 Resp: 7085
Ion Ratio Lower Upper
156 100
77 184.8 100.0 299.9
158 88.3 49.3 147.9



#78
n-propylbenzene
Concen: 4.089 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion: 91 Resp: 30400
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.9

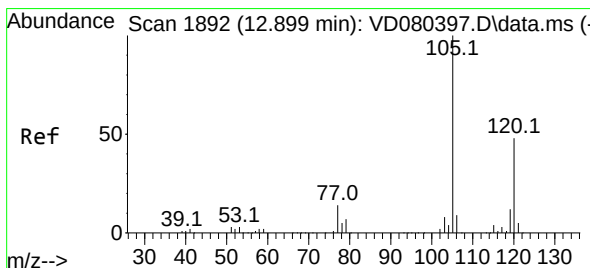
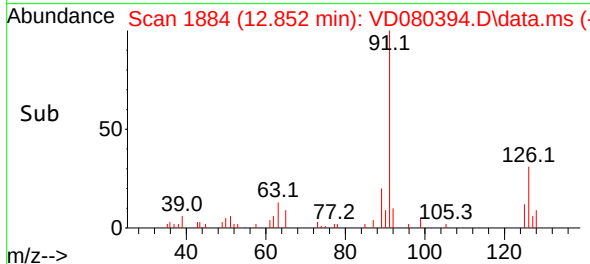
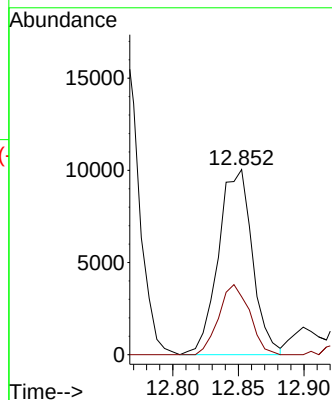
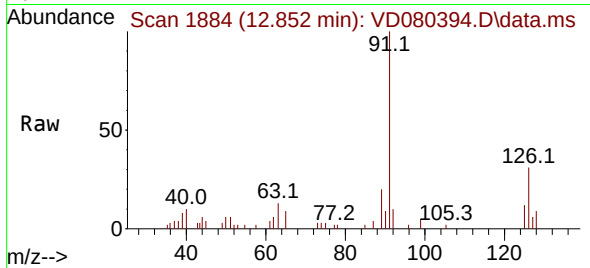




#79
2-Chlorotoluene
Concen: 4.229 ug/l
RT: 12.852 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

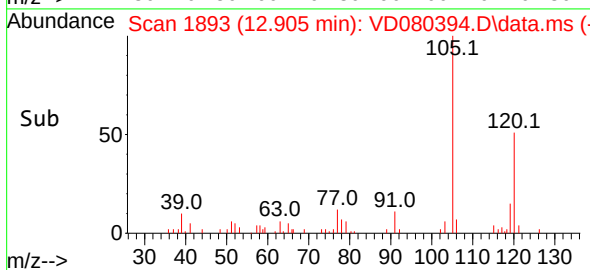
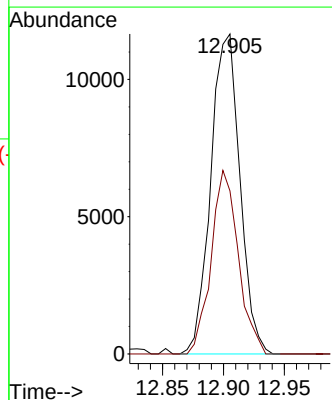
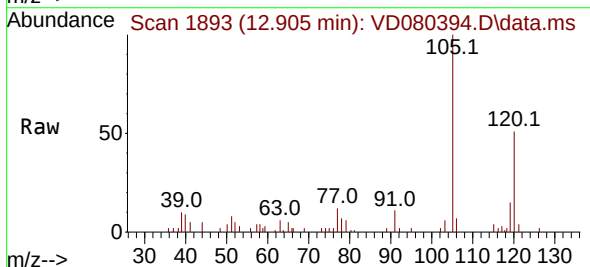
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

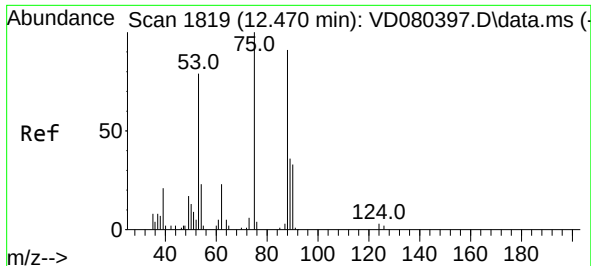
Tgt Ion: 91 Resp: 18112
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.1



#80
1,3,5-Trimethylbenzene
Concen: 3.892 ug/l
RT: 12.905 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion: 105 Resp: 19427
Ion Ratio Lower Upper
105 100
120 53.4 24.1 72.3

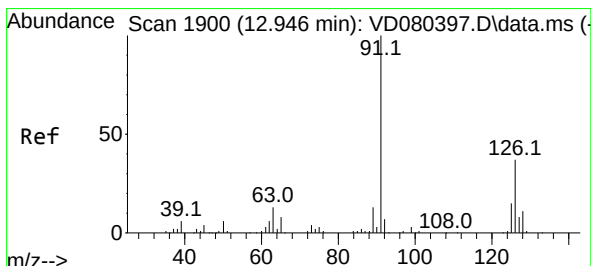
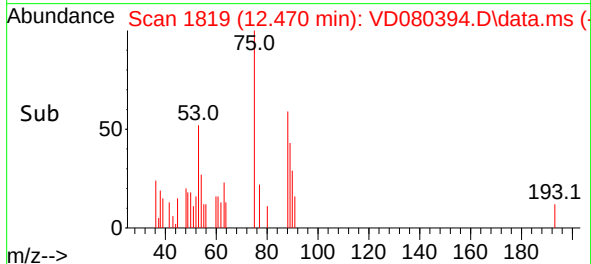
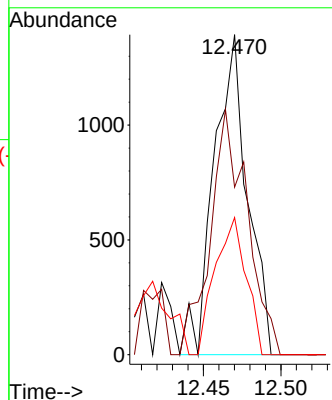
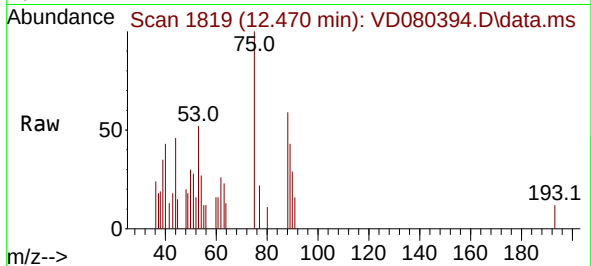




#81
trans-1,4-Dichloro-2-butene
Concen: 4.684 ug/l
RT: 12.470 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

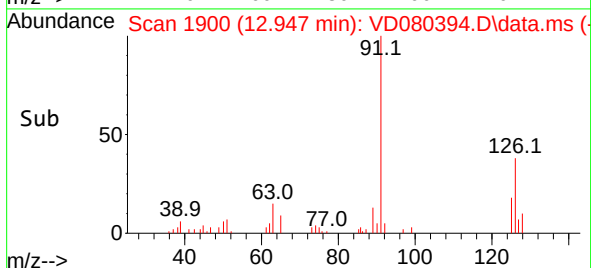
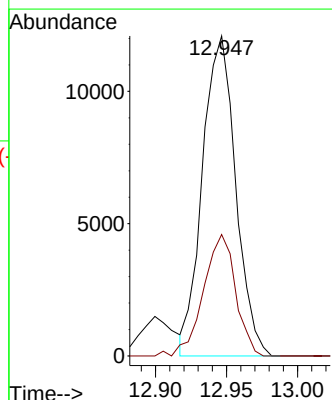
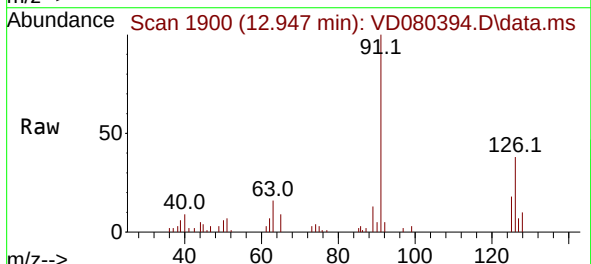
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

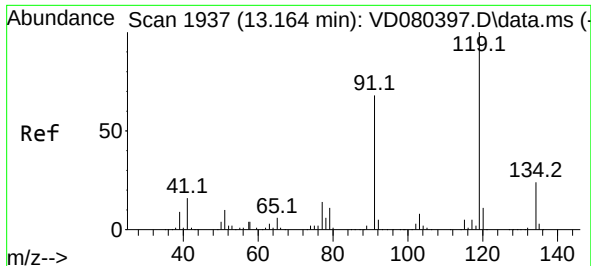
Tgt Ion: 75 Resp: 2098
Ion Ratio Lower Upper
75 100
53 84.4 72.3 108.5
89 39.8 35.7 53.5



#82
4-Chlorotoluene
Concen: 4.303 ug/l
RT: 12.947 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion: 91 Resp: 19664
Ion Ratio Lower Upper
91 100
126 36.7 17.0 51.0

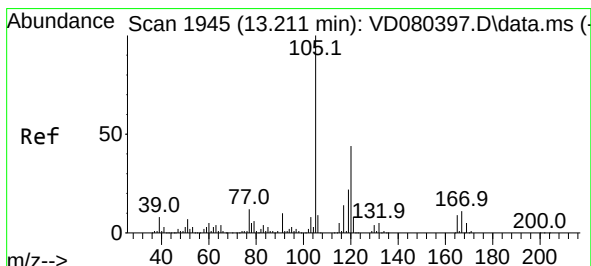
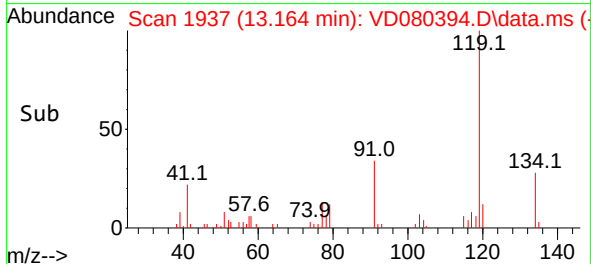
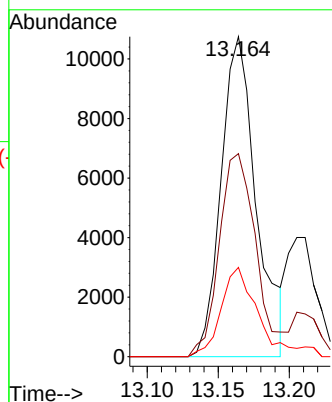
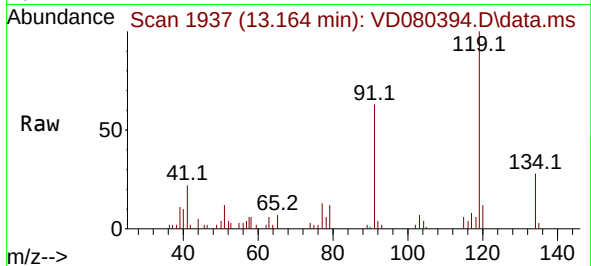




#83
tert-Butylbenzene
Concen: 4.413 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

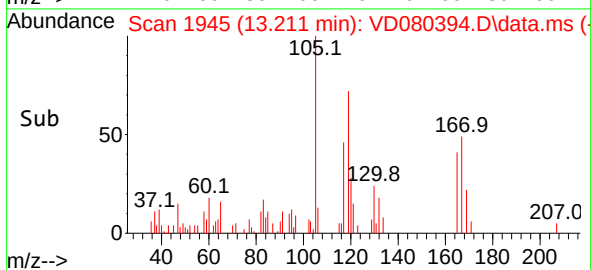
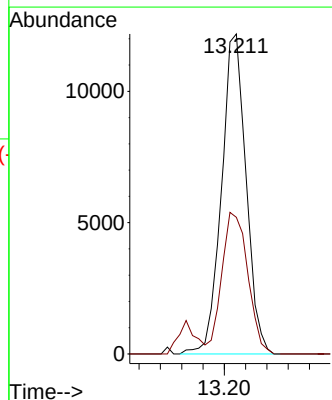
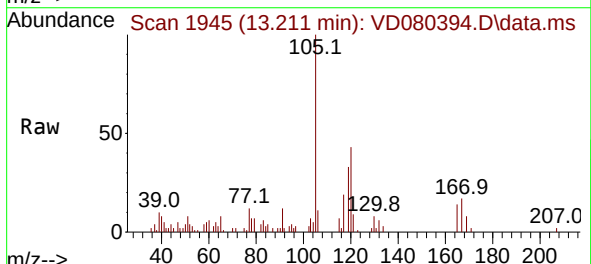
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

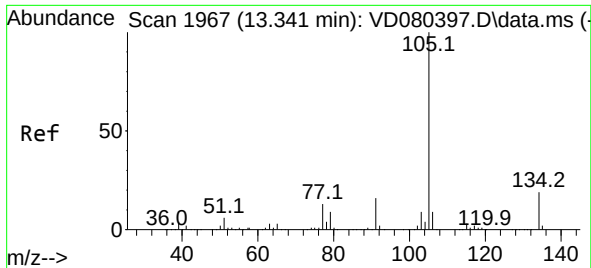
Tgt Ion:119 Resp: 18516
Ion Ratio Lower Upper
119 100
91 67.0 33.7 101.1
134 29.8 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 3.923 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion:105 Resp: 19484
Ion Ratio Lower Upper
105 100
120 46.8 22.4 67.0

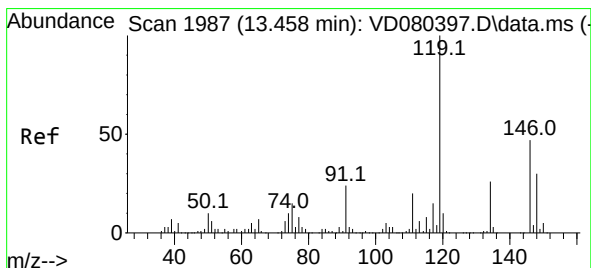
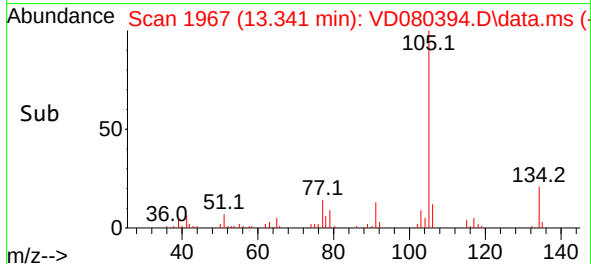
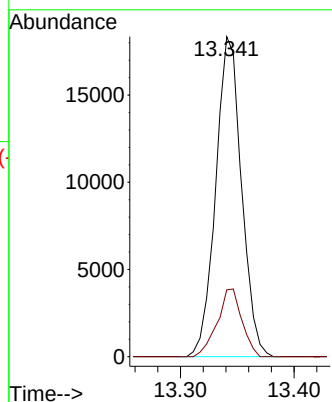
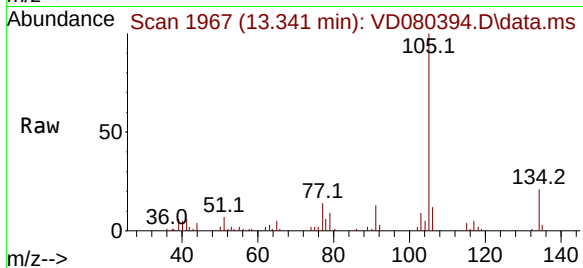




#85
 sec-Butylbenzene
 Concen: 4.570 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080394.D
 Acq: 30 May 2025 08:59

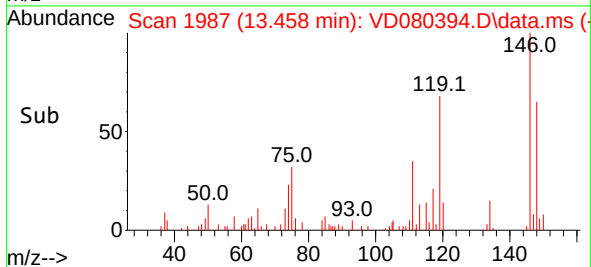
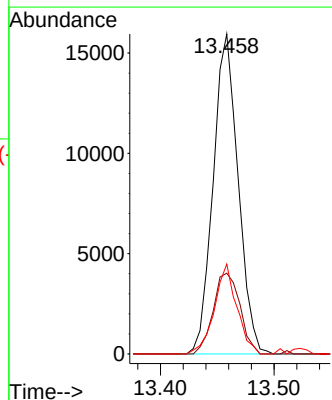
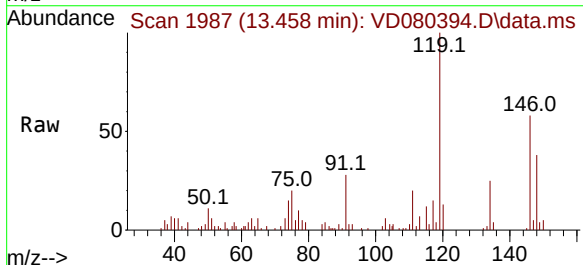
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

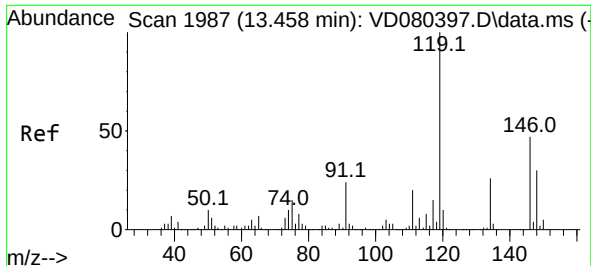
Tgt Ion:105 Resp: 28917
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 4.583 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080394.D
 Acq: 30 May 2025 08:59

Tgt Ion:119 Resp: 24371
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.1
 91 25.2 12.4 37.0

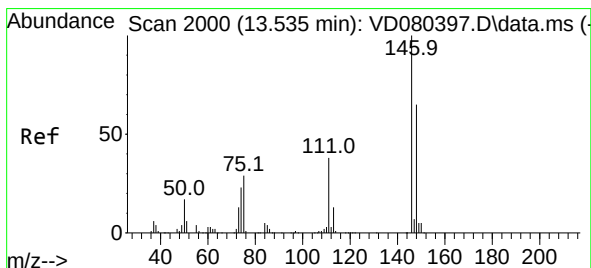
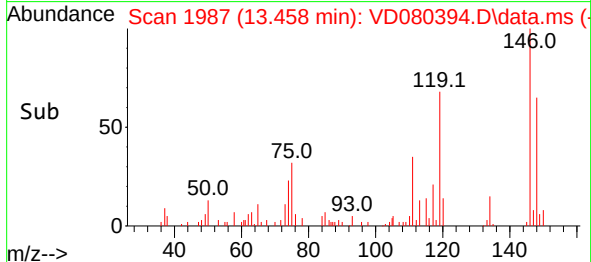
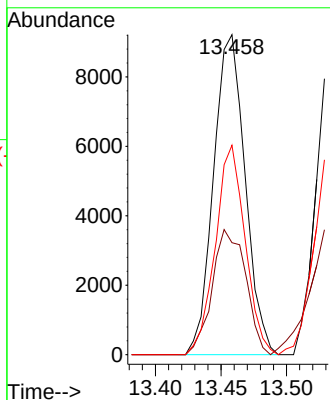
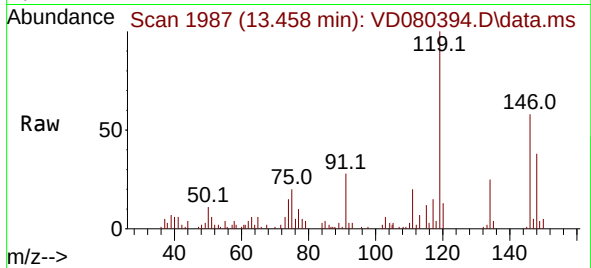




#87
1,3-Dichlorobenzene
Concen: 5.120 ug/l
RT: 13.458 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

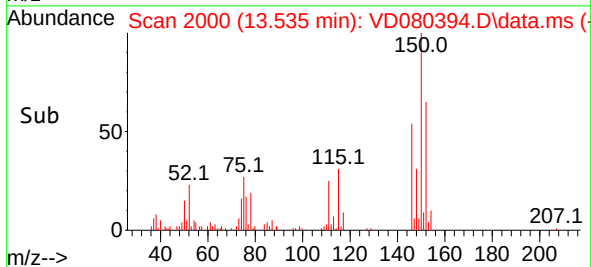
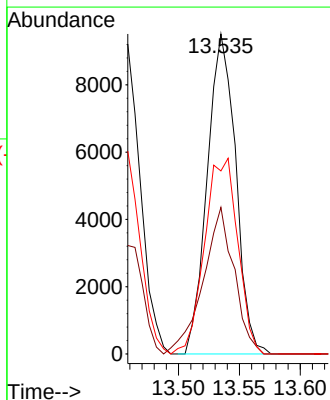
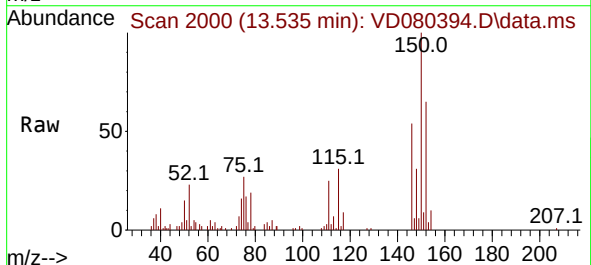
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

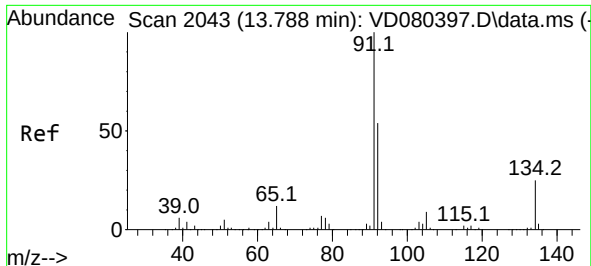
Tgt Ion:146 Resp: 15437
Ion Ratio Lower Upper
146 100
111 41.5 20.3 60.8
148 61.7 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 5.138 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion:146 Resp: 15485
Ion Ratio Lower Upper
146 100
111 49.8 19.9 59.6
148 71.3 32.6 98.0

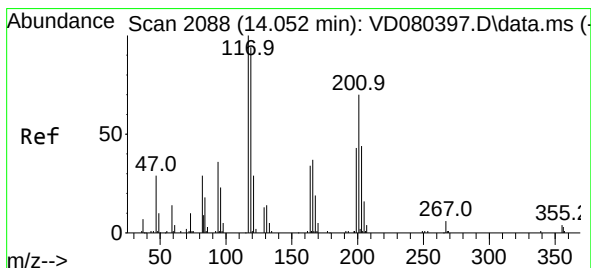
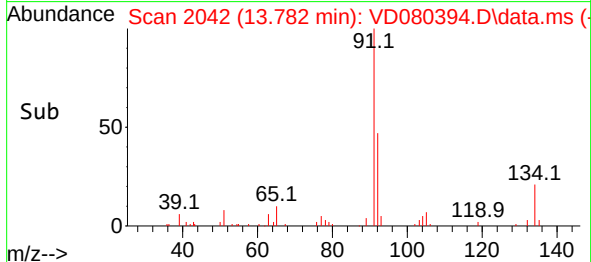
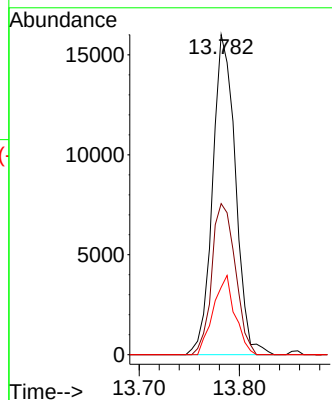
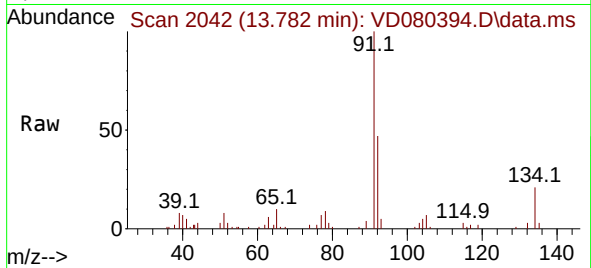




#89
n-Butylbenzene
Concen: 4.699 ug/l
RT: 13.782 min Scan# 2042
Delta R.T. -0.006 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

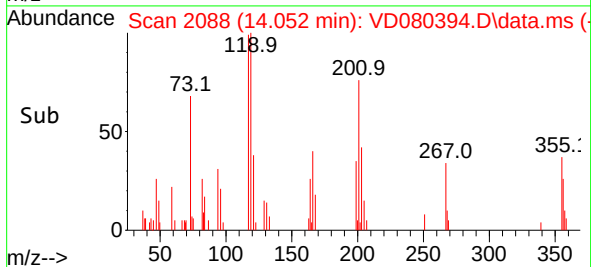
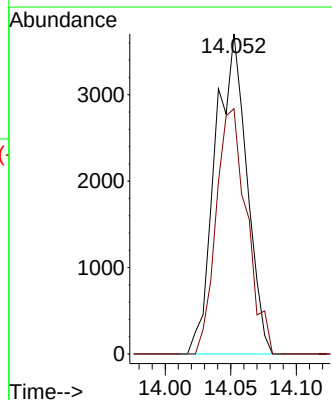
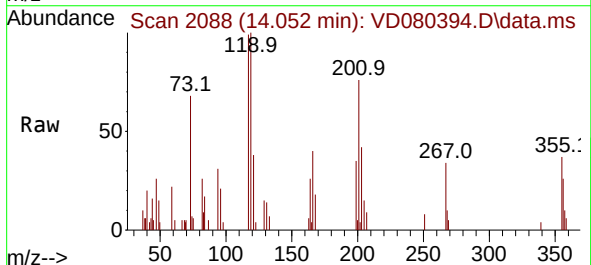
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

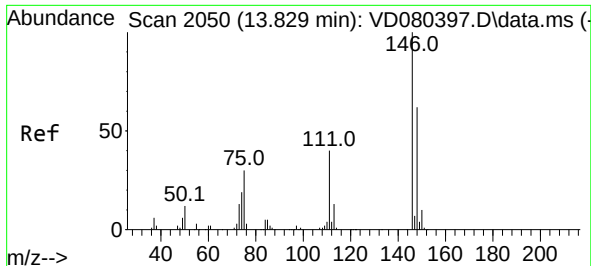
Tgt Ion: 91 Resp: 25330
Ion Ratio Lower Upper
91 100
92 48.7 26.4 79.2
134 23.5 12.3 36.9



#90
Hexachloroethane
Concen: 5.255 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion: 117 Resp: 6198
Ion Ratio Lower Upper
117 100
201 74.4 36.1 108.3

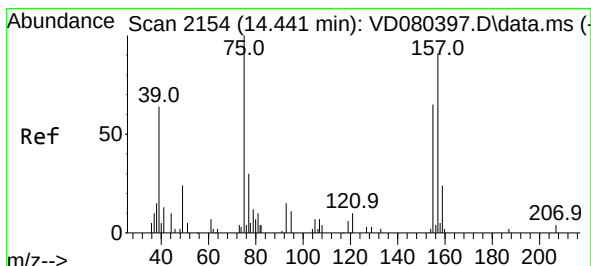
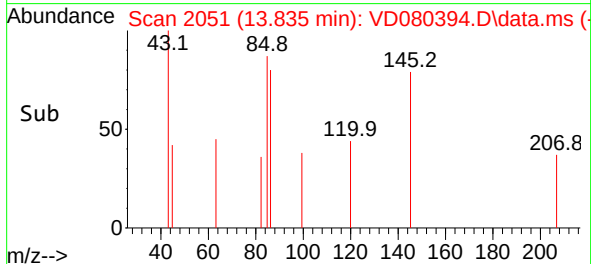
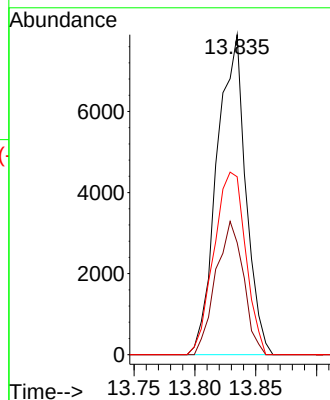
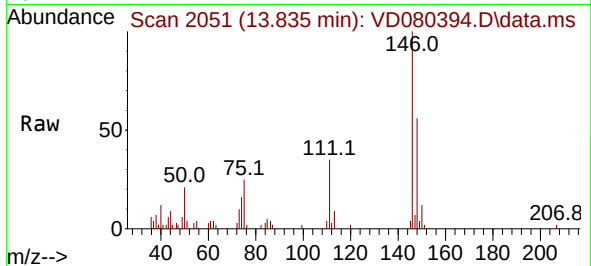




#91
1,2-Dichlorobenzene
Concen: 4.986 ug/l
RT: 13.835 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

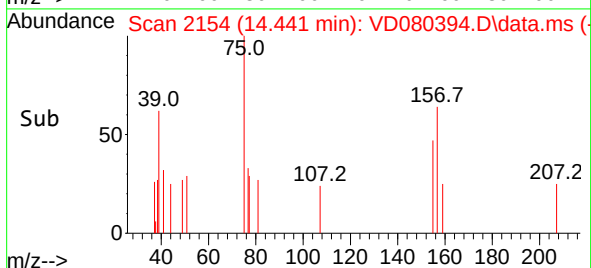
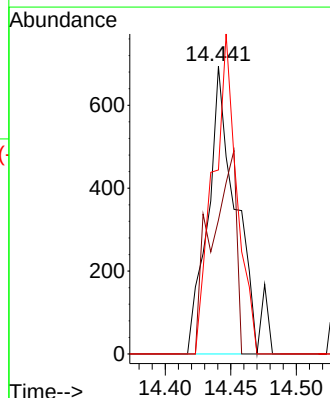
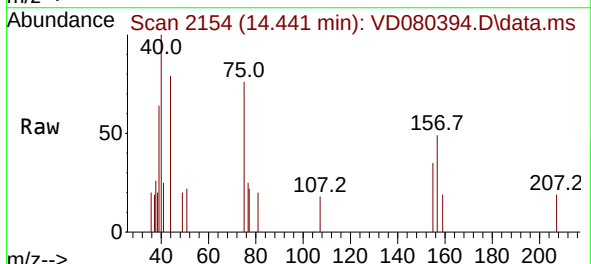
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

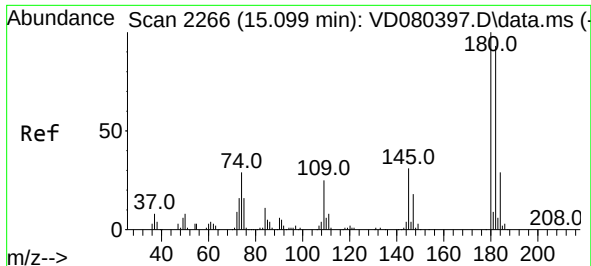
Tgt Ion:146 Resp: 12990
Ion Ratio Lower Upper
146 100
111 40.0 20.5 61.5
148 62.8 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.152 ug/l
RT: 14.441 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VD080394.D
Acq: 30 May 2025 08:59

Tgt Ion: 75 Resp: 1061
Ion Ratio Lower Upper
75 100
155 60.2 35.8 107.3
157 91.2 44.8 134.3

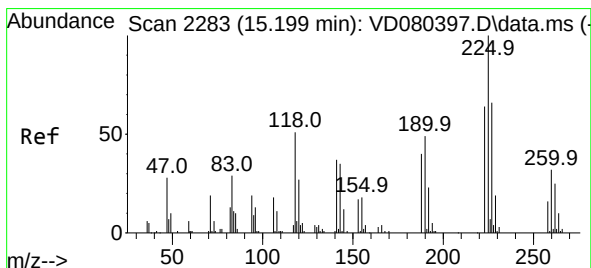
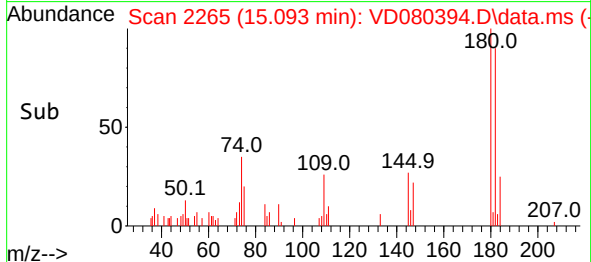
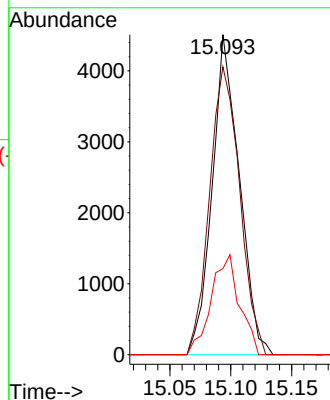
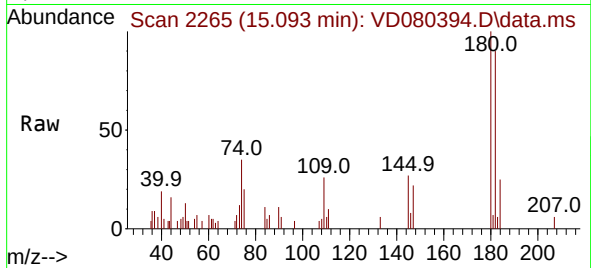




#93
 1,2,4-Trichlorobenzene
 Concen: 6.372 ug/l
 RT: 15.093 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD080394.D
 Acq: 30 May 2025 08:59

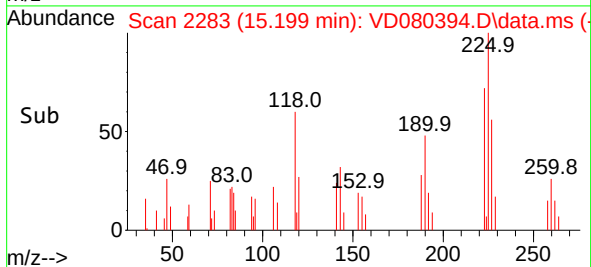
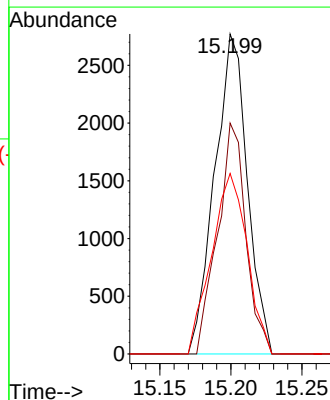
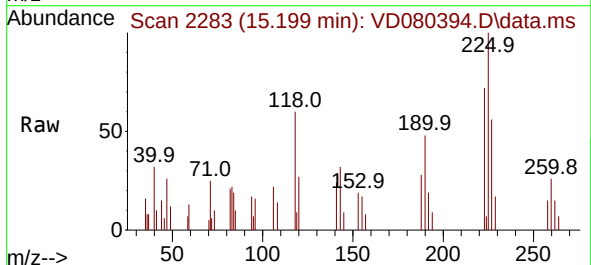
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

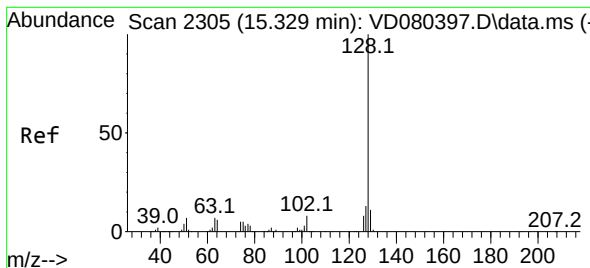
Tgt Ion:180 Resp: 6996
 Ion Ratio Lower Upper
 180 100
 182 99.9 46.9 140.7
 145 32.7 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 5.146 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: VD080394.D
 Acq: 30 May 2025 08:59

Tgt Ion:225 Resp: 4428
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.4 94.0
 227 61.6 31.6 95.0





#95

Naphthalene

Concen: 7.140 ug/l

RT: 15.329 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD080394.D

Acq: 30 May 2025 08:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

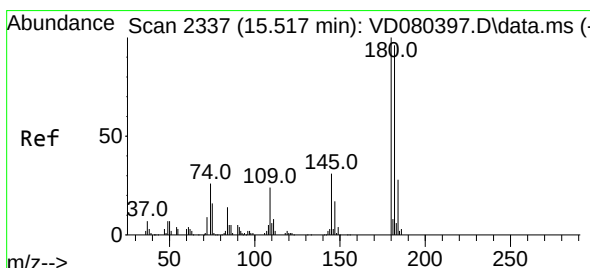
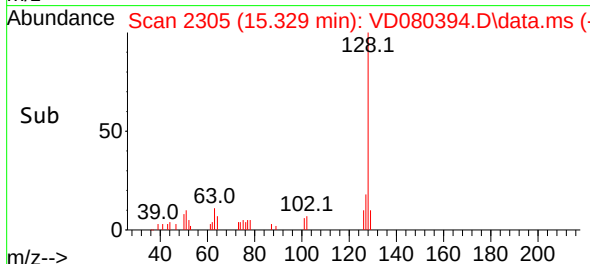
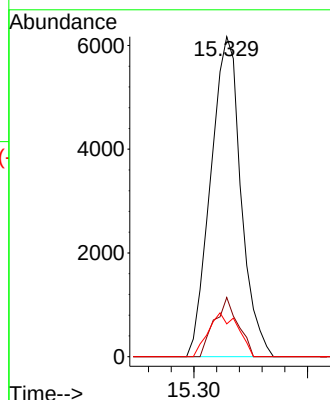
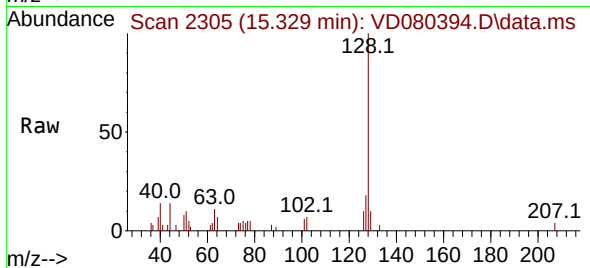
Tgt Ion:128 Resp: 11429

Ion Ratio Lower Upper

128 100

127 18.5 10.7 16.1#

129 10.2 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 5.722 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD080394.D

Acq: 30 May 2025 08:59

Tgt Ion:180 Resp: 5760

Ion Ratio Lower Upper

180 100

182 100.6 47.0 141.2

145 33.8 15.4 46.4

