

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053025\
 Data File : VD080397.D
 Acq On : 30 May 2025 10:17
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: May 31 00:41:45 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	128514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	218659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	167387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	88579	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.235	65	72954	45.466	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.940%
35) Dibromofluoromethane	7.806	113	70128	49.344	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.680%
50) Toluene-d8	10.270	98	293401	51.309	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.620%
62) 4-Bromofluorobenzene	12.570	95	74914	42.800	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	66257	45.026	ug/l	100
3) Chloromethane	2.153	50	121031	48.223	ug/l	100
4) Vinyl Chloride	2.288	62	139806	49.864	ug/l	100
5) Bromomethane	2.694	94	86074	43.217	ug/l	100
6) Chloroethane	2.841	64	90583	47.477	ug/l	100
7) Trichlorofluoromethane	3.176	101	129054	50.089	ug/l	100
8) Diethyl Ether	3.600	74	39628	52.175	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.970	101	76184	48.851	ug/l	100
10) Methyl Iodide	4.165	142	83885	54.569	ug/l	100
11) Tert butyl alcohol	5.047	59	21411	231.345	ug/l	100
12) 1,1-Dichloroethene	3.947	96	75305	50.609	ug/l	100
13) Acrolein	3.794	56	41571	259.770	ug/l	100
14) Allyl chloride	4.565	41	120738	49.236	ug/l	100
15) Acrylonitrile	5.253	53	91835	246.562	ug/l	100
16) Acetone	4.023	43	78548	261.369	ug/l	100
17) Carbon Disulfide	4.270	76	266643	49.834	ug/l	100
18) Methyl Acetate	4.570	43	49745	47.894	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	163617	49.548	ug/l	100
20) Methylene Chloride	4.800	84	88002	42.665	ug/l	100
21) trans-1,2-Dichloroethene	5.312	96	77341	47.535	ug/l	100
22) Diisopropyl ether	6.217	45	270256	53.909	ug/l	100
23) Vinyl Acetate	6.159	43	761187	265.976	ug/l	100
24) 1,1-Dichloroethane	6.112	63	146600	46.997	ug/l	100
25) 2-Butanone	7.082	43	110591	245.745	ug/l	100
26) 2,2-Dichloropropane	7.082	77	117587	47.309	ug/l	100
27) cis-1,2-Dichloroethene	7.082	96	88141	47.313	ug/l	100
28) Bromochloromethane	7.423	49	66745	45.598	ug/l	100
29) Tetrahydrofuran	7.441	42	76043	251.242	ug/l	100
30) Chloroform	7.600	83	145467	46.065	ug/l	100
31) Cyclohexane	7.876	56	132787	47.604	ug/l	100
32) 1,1,1-Trichloroethane	7.794	97	126530	47.862	ug/l	100
36) 1,1-Dichloropropene	8.006	75	106502	48.756	ug/l	100
37) Ethyl Acetate	7.170	43	52639	49.201	ug/l	100
38) Carbon Tetrachloride	7.994	117	104675	47.298	ug/l	100
39) Methylcyclohexane	9.276	83	124315	50.180	ug/l	100
40) Benzene	8.253	78	319724	48.451	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	28223	46.775	ug/l	100
42) 1,2-Dichloroethane	8.329	62	91678	48.562	ug/l	100
43) Isopropyl Acetate	8.364	43	99405	50.236	ug/l	100
44) Trichloroethene	9.029	130	76508	49.434	ug/l	100
45) 1,2-Dichloropropane	9.306	63	81684	48.246	ug/l	100
46) Dibromomethane	9.394	93	44857	48.934	ug/l	100
47) Bromodichloromethane	9.582	83	114108	49.168	ug/l	100
48) Methyl methacrylate	9.382	41	51965	53.968	ug/l	100
49) 1,4-Dioxane	9.388	88	10023	1028.918	ug/l	100
51) 4-Methyl-2-Pentanone	10.158	43	268486	257.103	ug/l	100
52) Toluene	10.335	92	207735	51.892	ug/l	100
53) t-1,3-Dichloropropene	10.553	75	113649	53.087	ug/l	100
54) cis-1,3-Dichloropropene	10.017	75	121209	49.436	ug/l	100
55) 1,1,2-Trichloroethane	10.735	97	63459	51.766	ug/l	100
56) Ethyl methacrylate	10.594	69	81319	47.090	ug/l	100
57) 1,3-Dichloropropane	10.876	76	106383	50.790	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.870	63	176272	282.137	ug/l	100
59) 2-Hexanone	10.923	43	192809	272.848	ug/l	100
60) Dibromochloromethane	11.070	129	70087	46.880	ug/l	100
61) 1,2-Dibromoethane	11.176	107	52246	47.521	ug/l	100
64) Tetrachloroethene	10.811	164	65850	58.386	ug/l	100
65) Chlorobenzene	11.605	112	185329	50.513	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.682	131	62649	50.651	ug/l	100
67) Ethyl Benzene	11.682	91	325793	52.611	ug/l	100
68) m/p-Xylenes	11.794	106	257602	106.218	ug/l	100
69) o-Xylene	12.123	106	117945	52.241	ug/l	100
70) Styrene	12.135	104	213223	53.567	ug/l	100
71) Bromoform	12.299	173	35805	52.333	ug/l #	100
73) Isopropylbenzene	12.417	105	305190	50.133	ug/l	100
74) N-amyl acetate	12.229	43	82610	50.036	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.670	83	61208	47.566	ug/l	100
76) 1,2,3-Trichloropropane	12.723	75	77443	85.008	ug/l #	100
77) Bromobenzene	12.699	156	71563	47.788	ug/l	100
78) n-propylbenzene	12.764	91	392686	51.883	ug/l	100
79) 2-Chlorotoluene	12.847	91	218420	50.104	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	262438	51.650	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.470	75	22030	48.316	ug/l	100
82) 4-Chlorotoluene	12.946	91	233220	50.139	ug/l	100
83) tert-Butylbenzene	13.164	119	215035	50.352	ug/l	100
84) 1,2,4-Trimethylbenzene	13.211	105	269721	53.357	ug/l	100
85) sec-Butylbenzene	13.341	105	334486	51.925	ug/l	100
86) p-Isopropyltoluene	13.458	119	285118	52.670	ug/l	100
87) 1,3-Dichlorobenzene	13.458	146	152440	49.671	ug/l	100
88) 1,4-Dichlorobenzene	13.535	146	147310	48.019	ug/l	100
89) n-Butylbenzene	13.788	91	320278	58.373	ug/l	100
90) Hexachloroethane	14.052	117	67194	55.971	ug/l	100
91) 1,2-Dichlorobenzene	13.829	146	145469	54.854	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.441	75	13104	62.514	ug/l	100
93) 1,2,4-Trichlorobenzene	15.099	180	106774	56.926	ug/l	100
94) Hexachlorobutadiene	15.199	225	55097	62.901	ug/l	100
95) Naphthalene	15.329	128	199736	54.864	ug/l	100
96) 1,2,3-Trichlorobenzene	15.517	180	97112	57.956	ug/l	100

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QLast Update : Sat May 31 00:36:06 2025
Response via : Initial Calibration

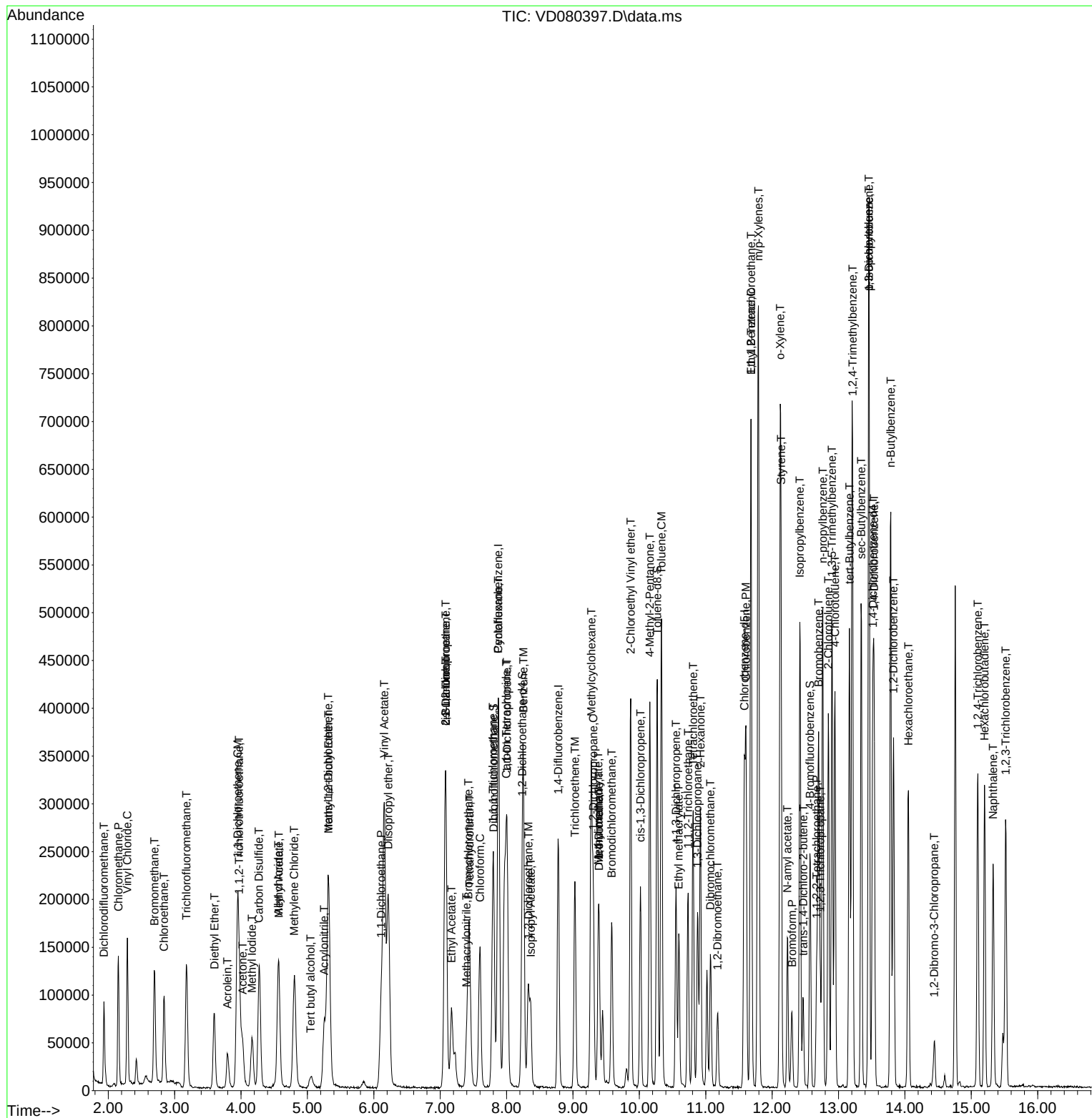
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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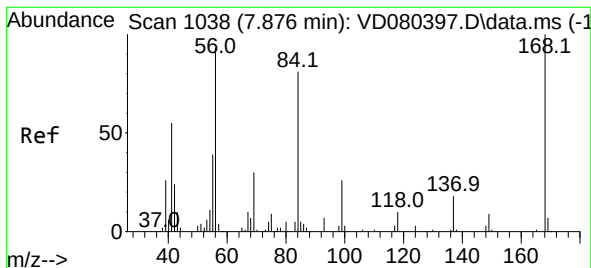
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VD080397.D

Acq: 30 May 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

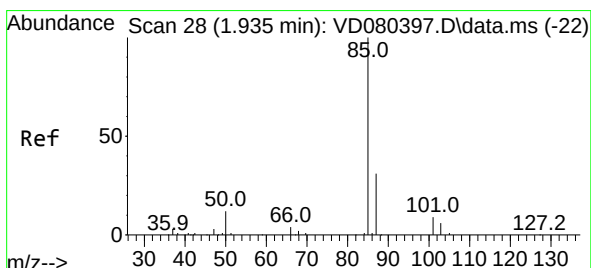
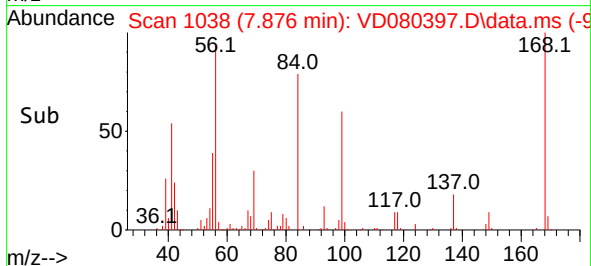
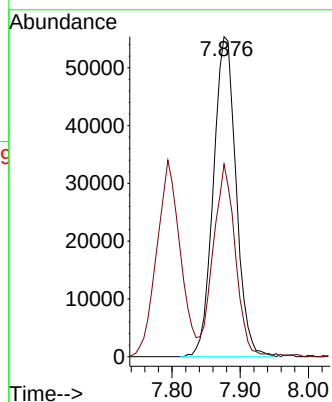
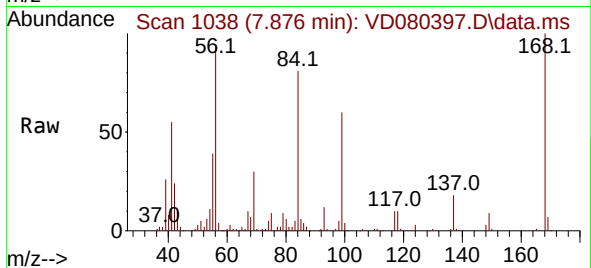
VSTDICCC050

Tgt Ion:168 Resp: 128514

Ion Ratio Lower Upper

168 100

99 59.4 47.5 71.3



#2

Dichlorodifluoromethane

Concen: 45.026 ug/l

RT: 1.935 min Scan# 28

Delta R.T. 0.000 min

Lab File: VD080397.D

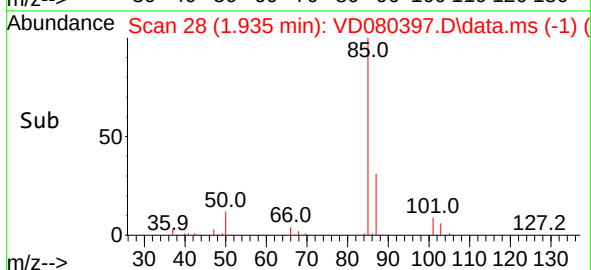
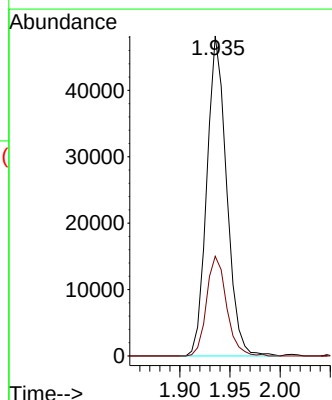
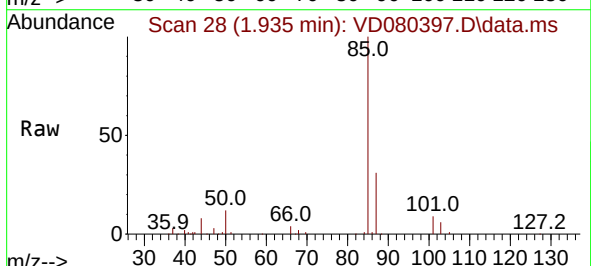
Acq: 30 May 2025 10:17

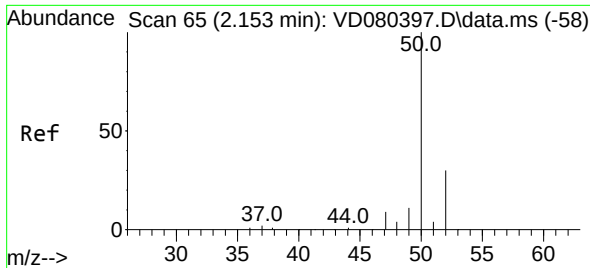
Tgt Ion: 85 Resp: 66257

Ion Ratio Lower Upper

85 100

87 31.1 15.6 46.7

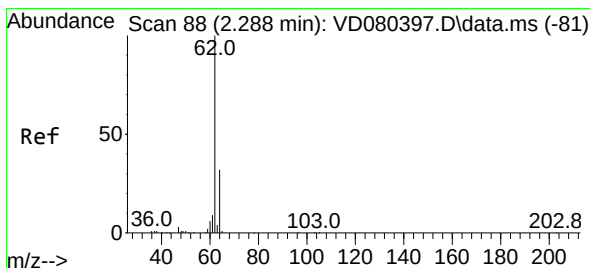
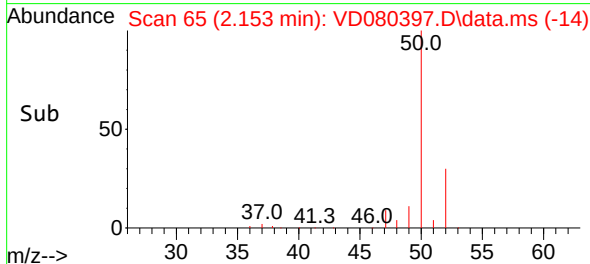
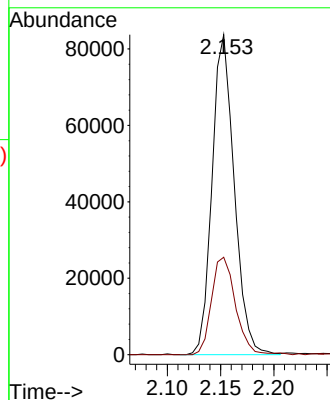
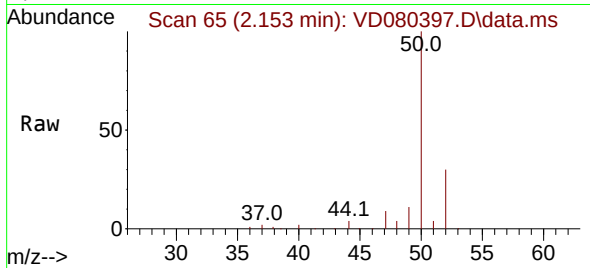




#3
Chloromethane
Concen: 48.223 ug/l
RT: 2.153 min Scan# 65
Delta R.T. 0.000 min
Lab File: VD080397.D
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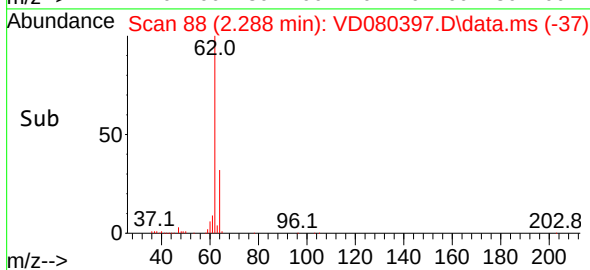
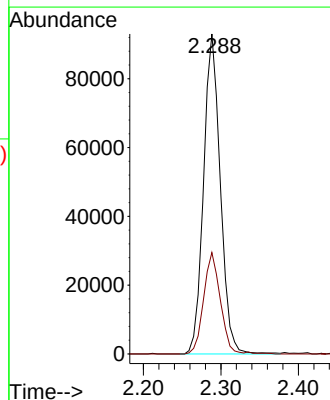
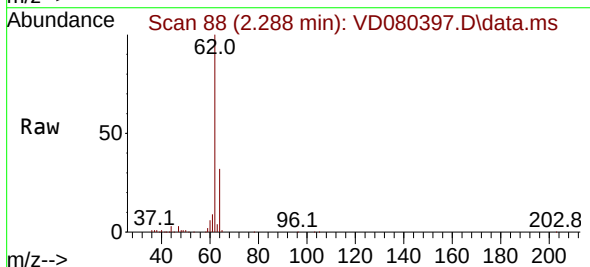
Instrument :
MSVOA_D
ClientSampleId :
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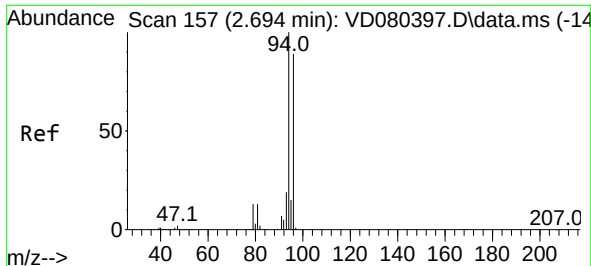
Tgt Ion: 50 Resp: 121031
Ion Ratio Lower Upper
50 100
52 30.5 24.4 36.6



#4
Vinyl Chloride
Concen: 49.864 ug/l
RT: 2.288 min Scan# 88
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion: 62 Resp: 139806
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

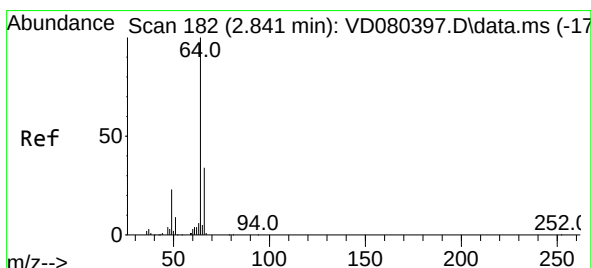
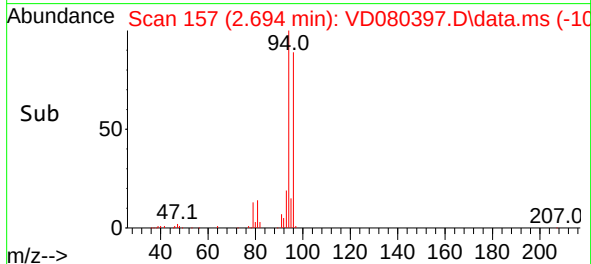
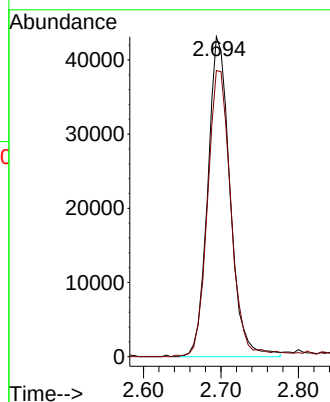
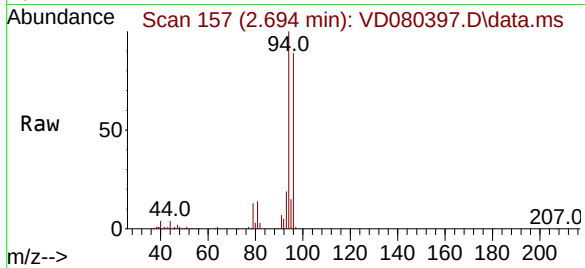




#5
Bromomethane
Concen: 43.217 ug/l
RT: 2.694 min Scan# 157
Delta R.T. 0.000 min
Lab File: VD080397.D
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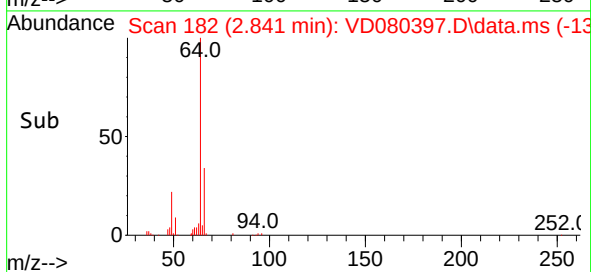
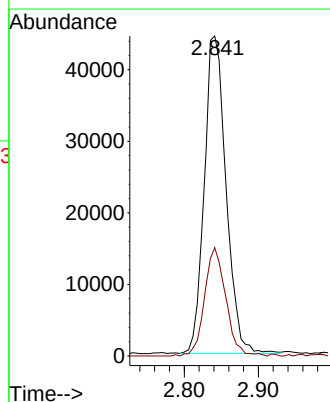
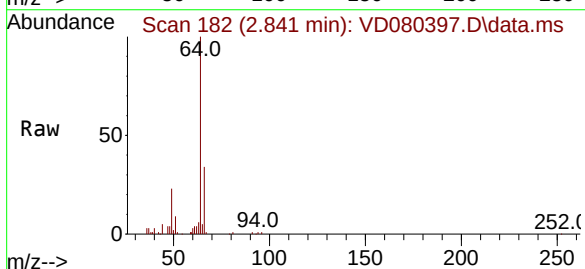
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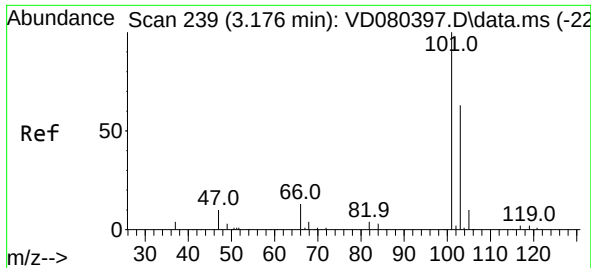
Tgt Ion: 94 Resp: 86074
Ion Ratio Lower Upper
94 100
96 93.4 74.7 112.1



#6
Chloroethane
Concen: 47.477 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion: 64 Resp: 90583
Ion Ratio Lower Upper
64 100
66 34.1 27.3 40.9

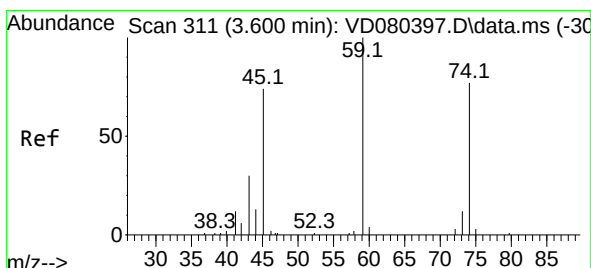
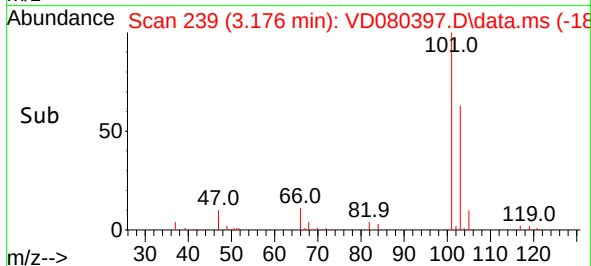
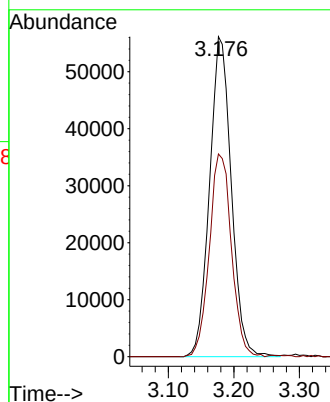
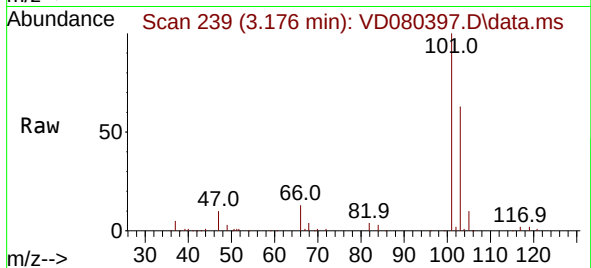




#7
 Trichlorofluoromethane
 Concen: 50.089 ug/l
 RT: 3.176 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VD080397.D
 Acq: 30 May 2025 10:17

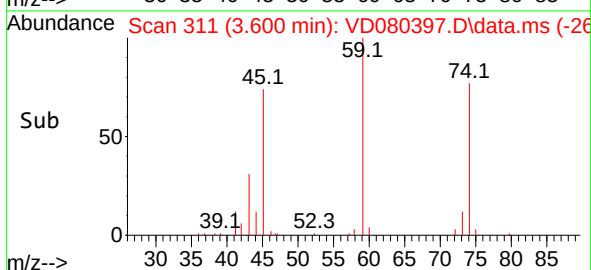
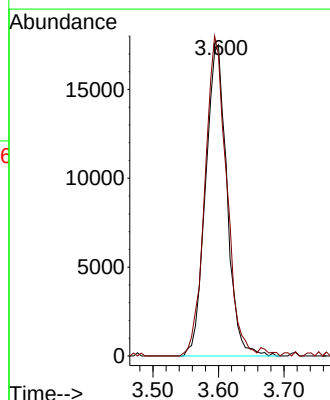
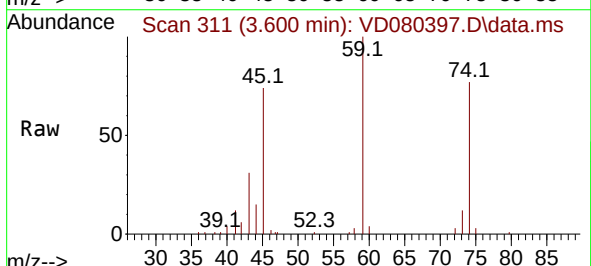
Instrument :
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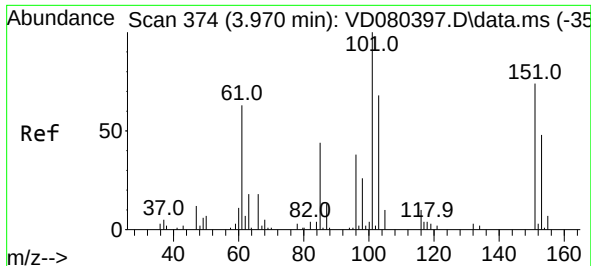
Tgt Ion:101 Resp: 129054
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.7 76.1



#8
 Diethyl Ether
 Concen: 52.175 ug/l
 RT: 3.600 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VD080397.D
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Tgt Ion: 74 Resp: 39628
 Ion Ratio Lower Upper
 74 100
 45 104.3 52.1 156.4

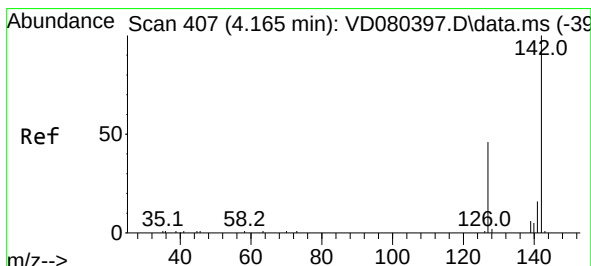
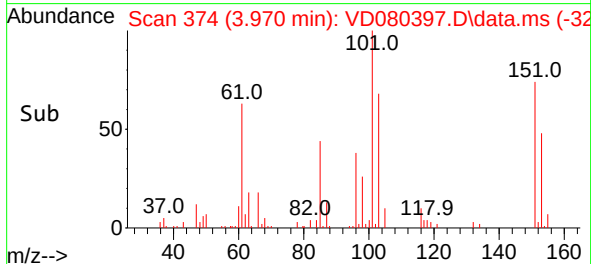
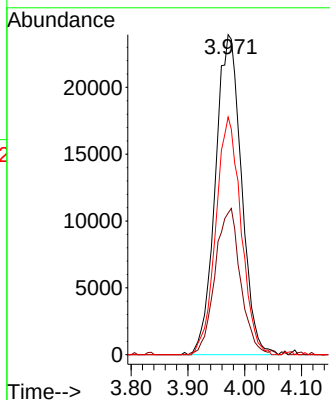
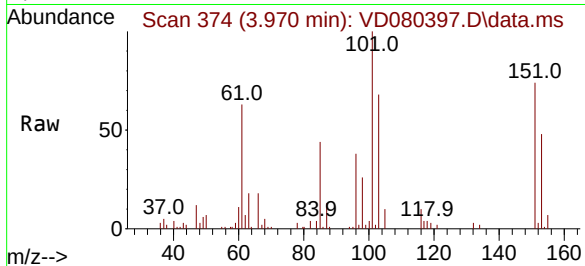




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.851 ug/l
RT: 3.970 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

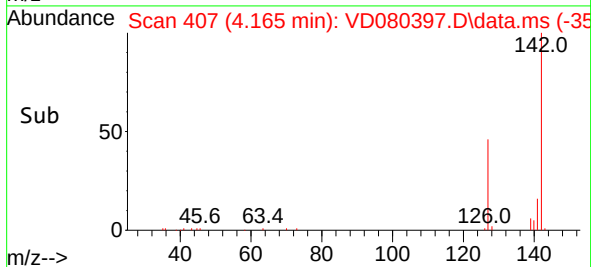
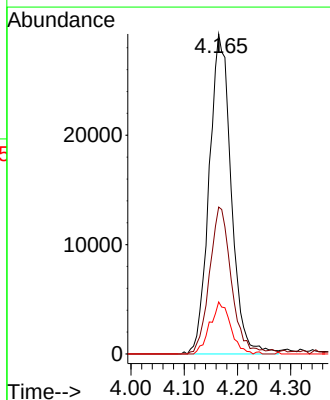
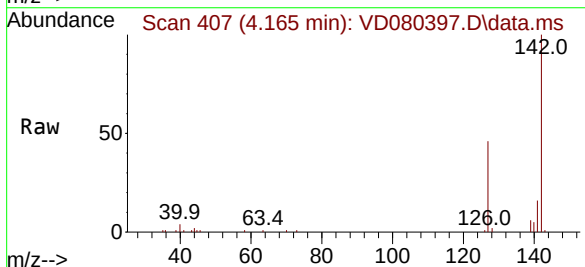
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

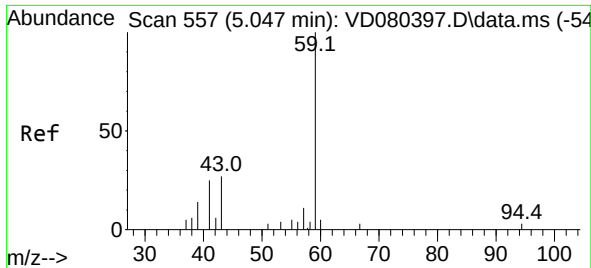
Tgt Ion:101 Resp: 76184
Ion Ratio Lower Upper
101 100
85 44.9 35.9 53.9
151 72.0 57.6 86.4



#10
Methyl Iodide
Concen: 54.569 ug/l
RT: 4.165 min Scan# 407
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion:142 Resp: 83885
Ion Ratio Lower Upper
142 100
127 45.5 36.4 54.6
141 15.1 12.1 18.1

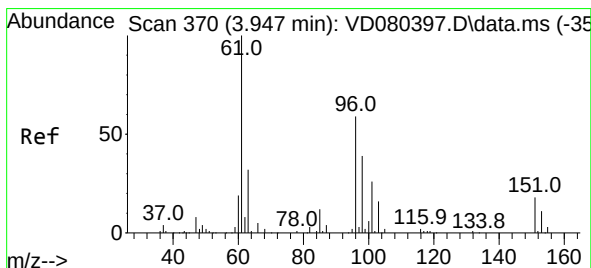
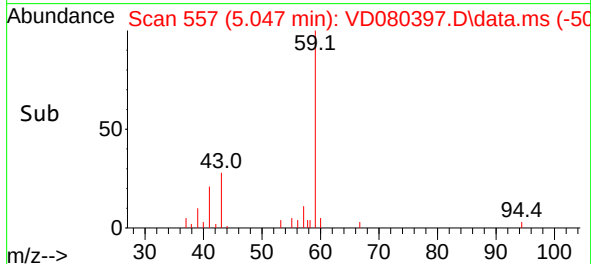
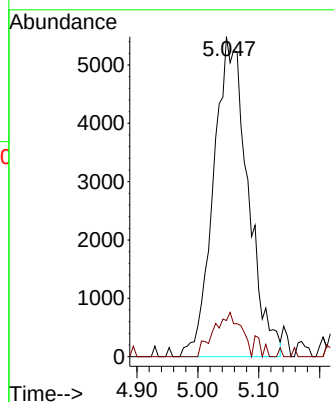
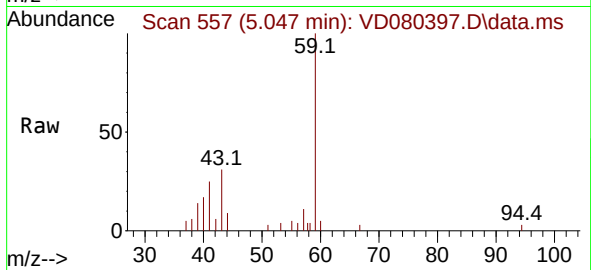




#11
Tert butyl alcohol
Concen: 231.345 ug/l
RT: 5.047 min Scan# 511
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

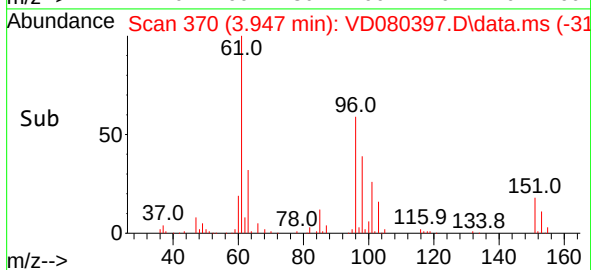
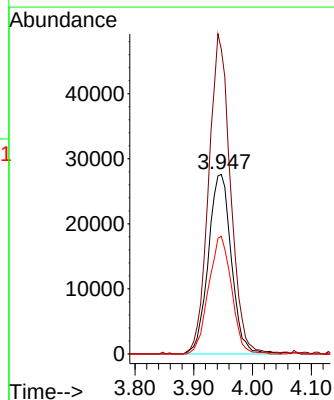
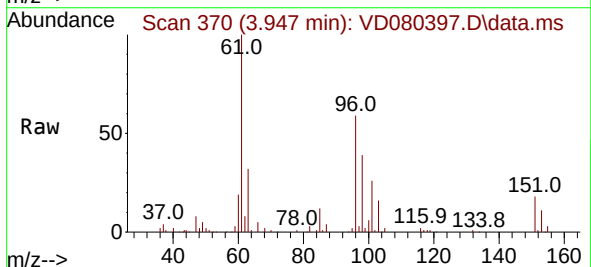
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

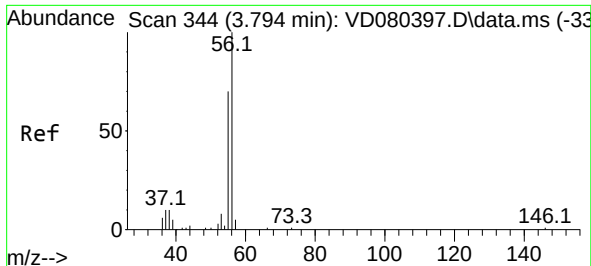
Tgt Ion: 59 Resp: 21411
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1



#12
1,1-Dichloroethene
Concen: 50.609 ug/l
RT: 3.947 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion: 96 Resp: 75305
Ion Ratio Lower Upper
96 100
61 169.6 135.7 203.5
98 65.6 52.5 78.7





#13

Acrolein

Concen: 259.770 ug/l

RT: 3.794 min Scan# 344

Delta R.T. 0.000 min

Lab File: VD080397.D

Acq: 30 May 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

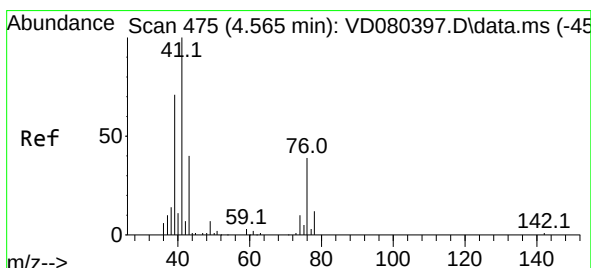
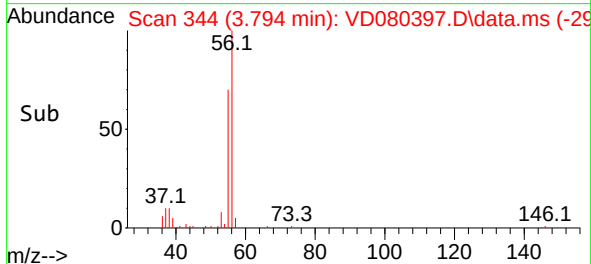
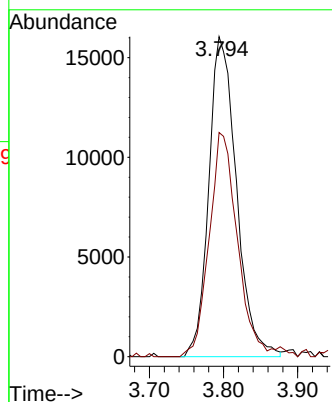
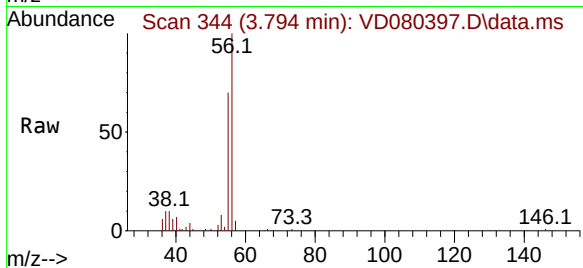
VSTDICCC050

Tgt Ion: 56 Resp: 41571

Ion Ratio Lower Upper

56 100

55 71.4 57.1 85.7



#14

Allyl chloride

Concen: 49.236 ug/l

RT: 4.565 min Scan# 475

Delta R.T. 0.000 min

Lab File: VD080397.D

Acq: 30 May 2025 10:17

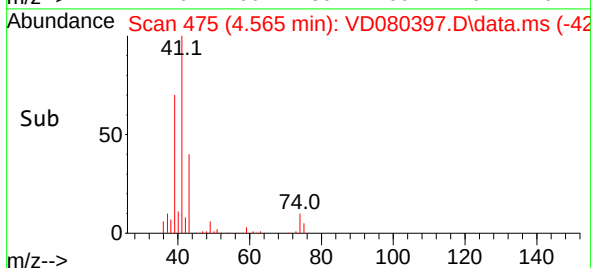
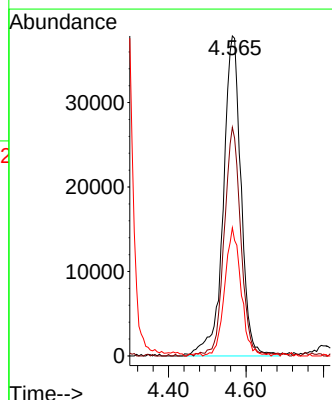
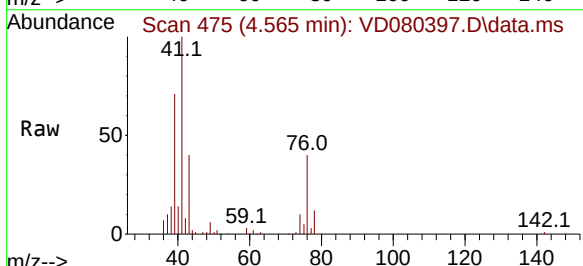
Tgt Ion: 41 Resp: 120738

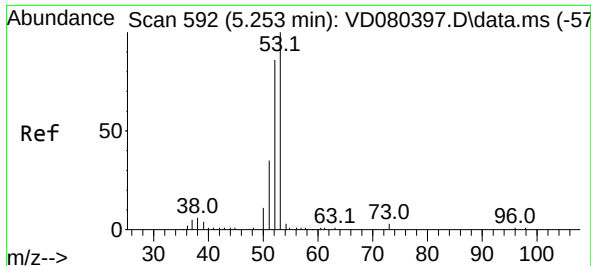
Ion Ratio Lower Upper

41 100

39 66.6 53.3 79.9

76 36.8 29.4 44.2

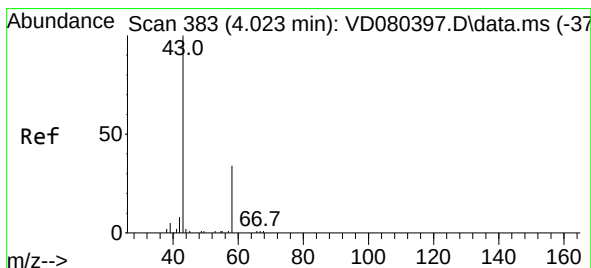
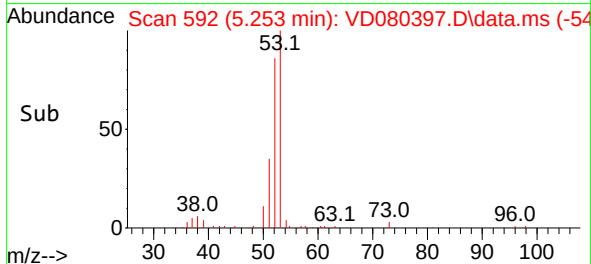
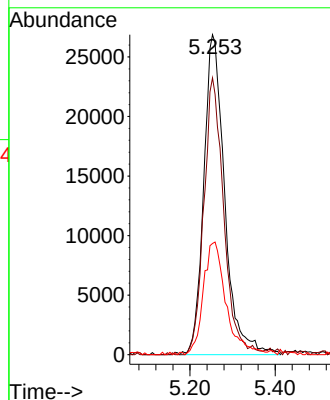
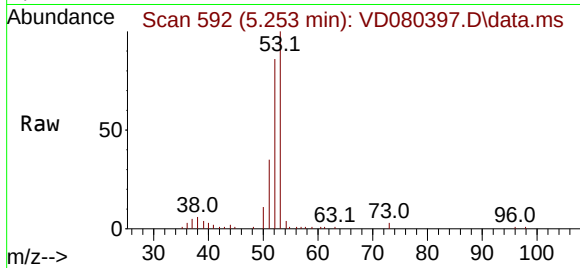




#15
Acrylonitrile
Concen: 246.562 ug/l
RT: 5.253 min Scan# 592
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

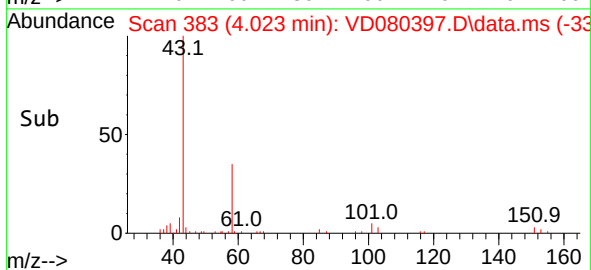
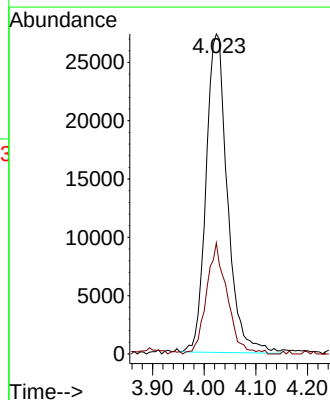
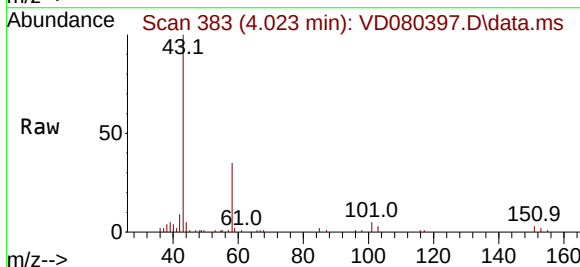
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

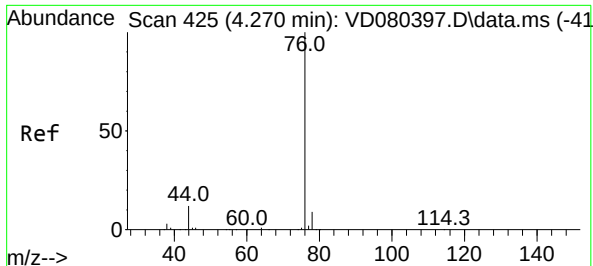
Tgt Ion:	53	Resp:	91835
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.6	98.4
51	38.1	30.5	45.7



#16
Acetone
Concen: 261.369 ug/l
RT: 4.023 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion:	43	Resp:	78548
Ion	Ratio	Lower	Upper
43	100		
58	35.0	28.0	42.0

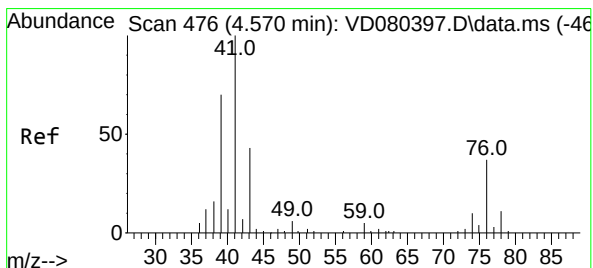
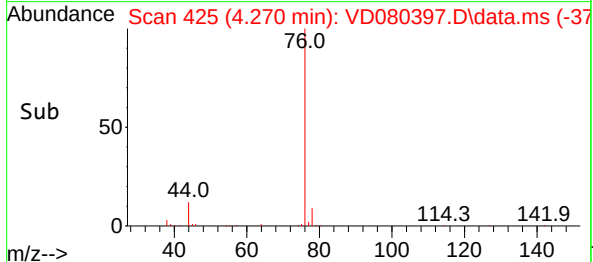
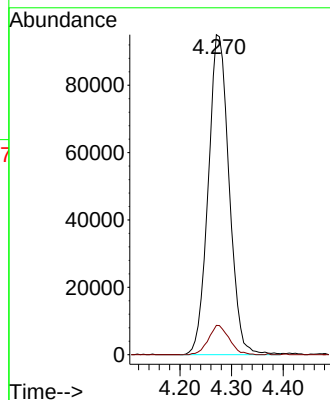
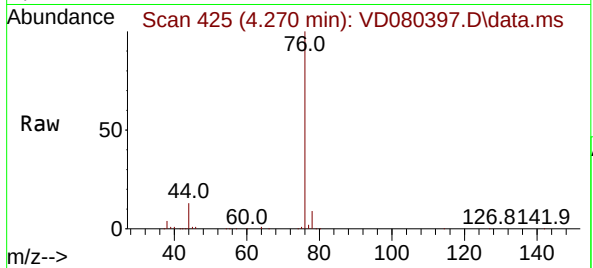




#17
Carbon Disulfide
Concen: 49.834 ug/l
RT: 4.270 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

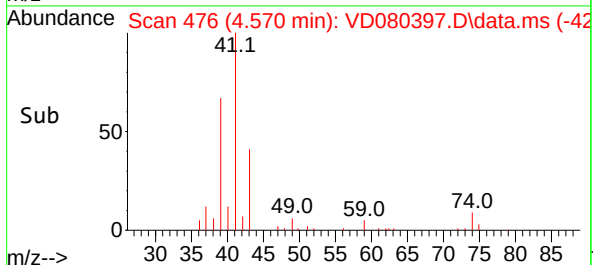
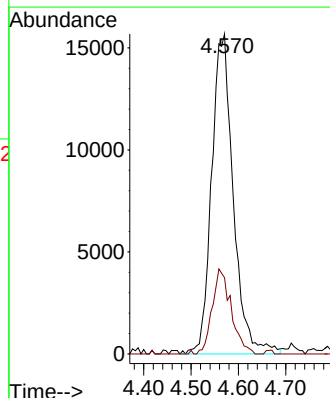
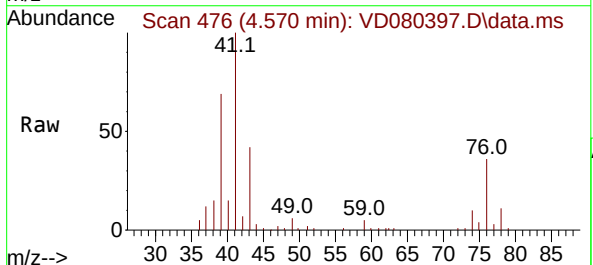
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

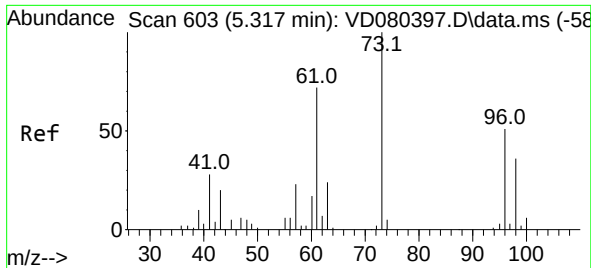
Tgt Ion: 76 Resp: 266643
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 47.894 ug/l
RT: 4.570 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion: 43 Resp: 49745
Ion Ratio Lower Upper
43 100
74 23.3 18.6 28.0

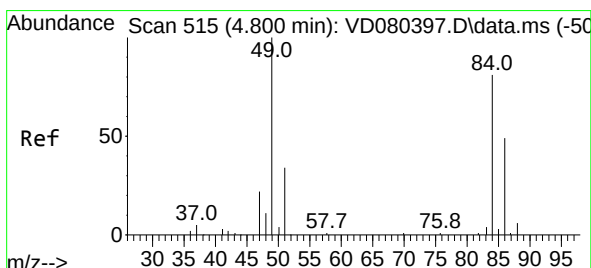
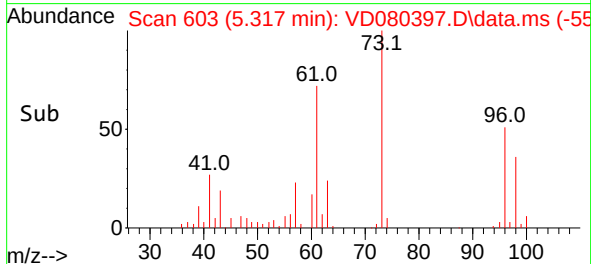
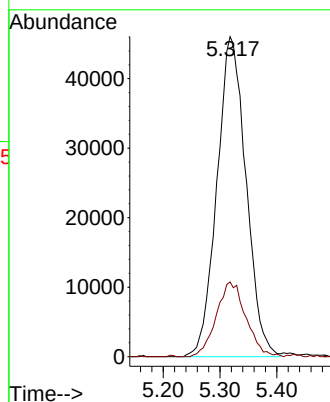
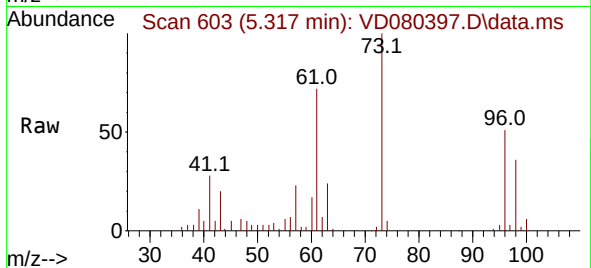




#19
Methyl tert-butyl Ether
Concen: 49.548 ug/l
RT: 5.317 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

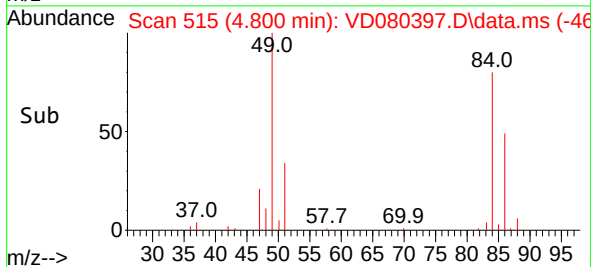
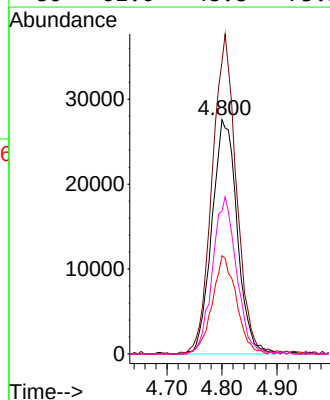
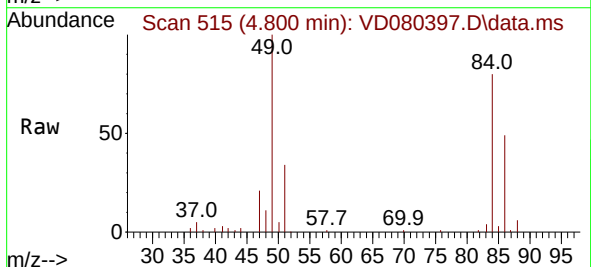
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

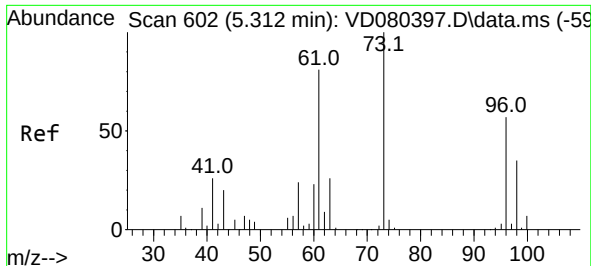
Tgt Ion: 73 Resp: 163617
Ion Ratio Lower Upper
73 100
57 23.4 18.7 28.1



#20
Methylene Chloride
Concen: 42.665 ug/l
RT: 4.800 min Scan# 515
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion: 84 Resp: 88002
Ion Ratio Lower Upper
84 100
49 123.8 99.0 148.6
51 42.0 33.6 50.4
86 61.0 48.8 73.2

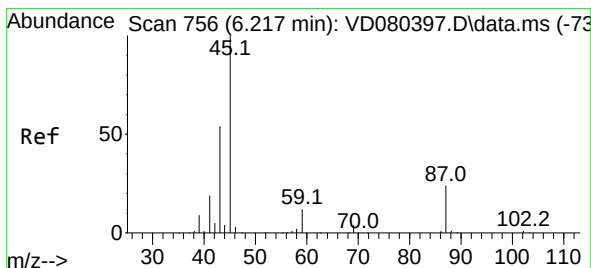
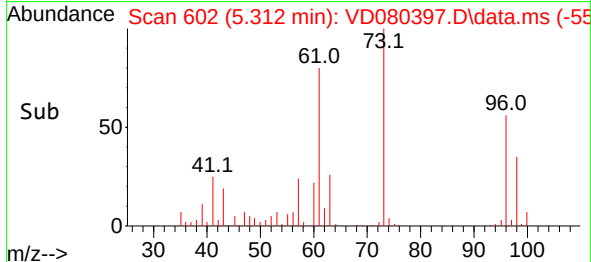
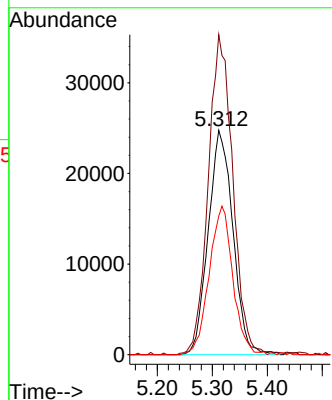
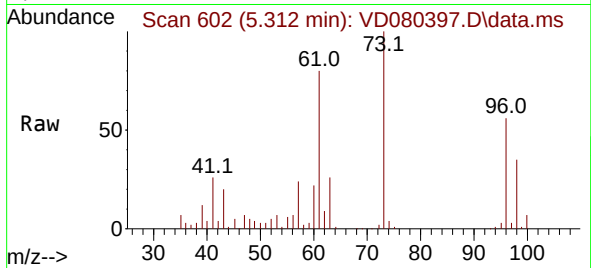




#21
trans-1,2-Dichloroethene
Concen: 47.535 ug/l
RT: 5.312 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

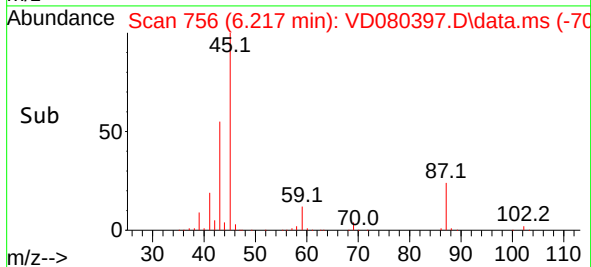
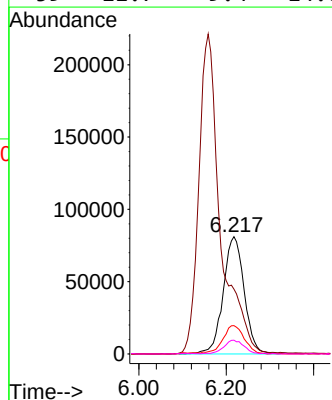
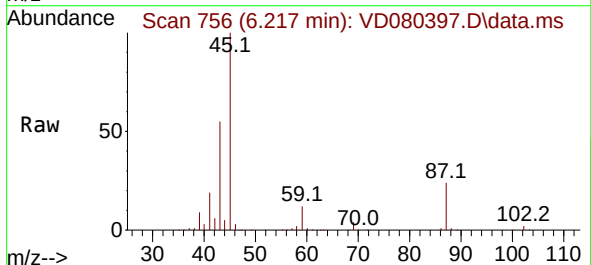
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

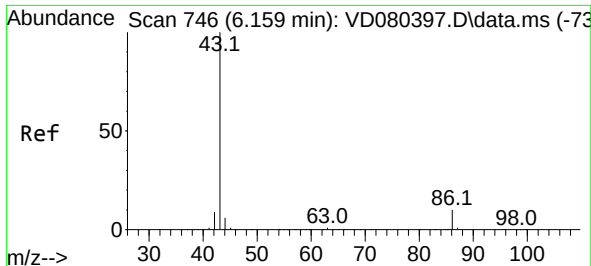
Tgt Ion: 96 Resp: 77341
Ion Ratio Lower Upper
96 100
61 142.0 113.6 170.4
98 61.8 49.4 74.2



#22
Diisopropyl ether
Concen: 53.909 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion: 45 Resp: 270256
Ion Ratio Lower Upper
45 100
43 54.2 43.4 65.0
87 23.9 19.1 28.7
59 11.7 9.4 14.0

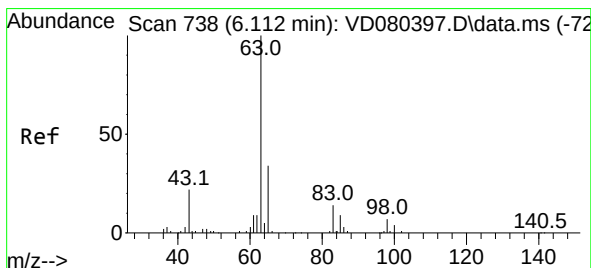
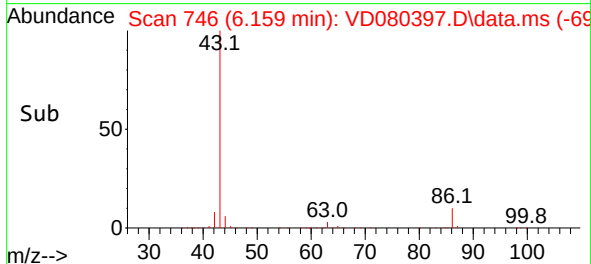
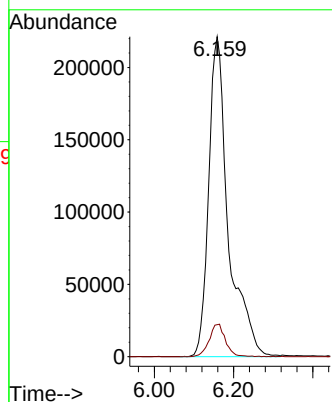
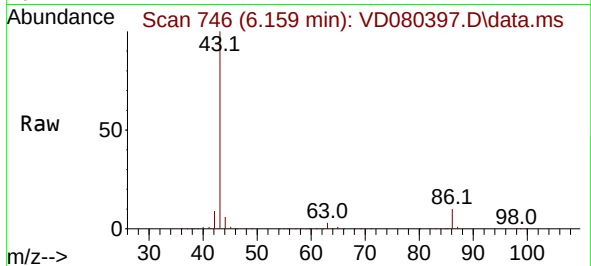




#23
 Vinyl Acetate
 Concen: 265.976 ug/l
 RT: 6.159 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD080397.D
 Acq: 30 May 2025 10:17

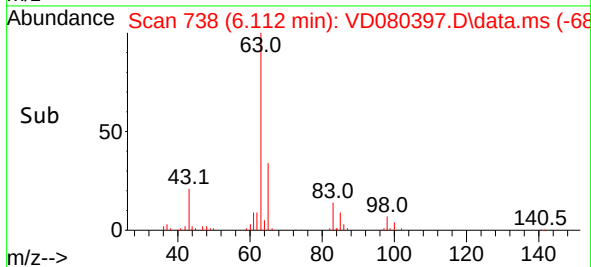
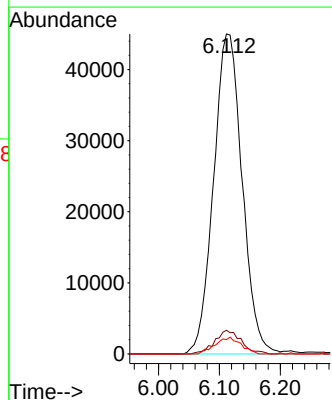
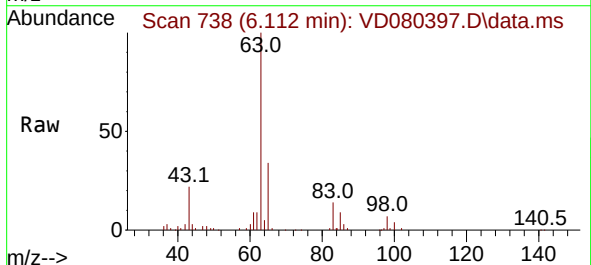
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

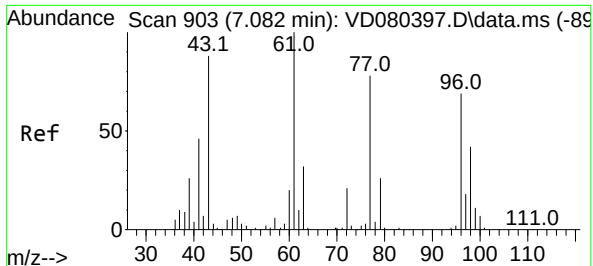
Tgt Ion: 43 Resp: 761187
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 46.997 ug/l
 RT: 6.112 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD080397.D
 Acq: 30 May 2025 10:17

Tgt Ion: 63 Resp: 146600
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 4.5 2.3 6.8

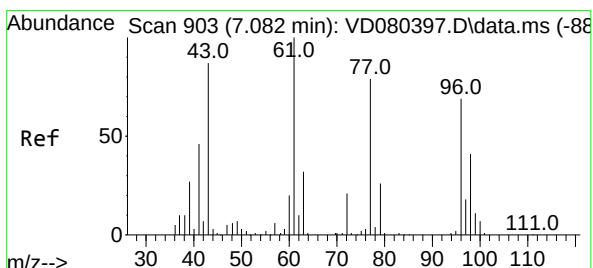
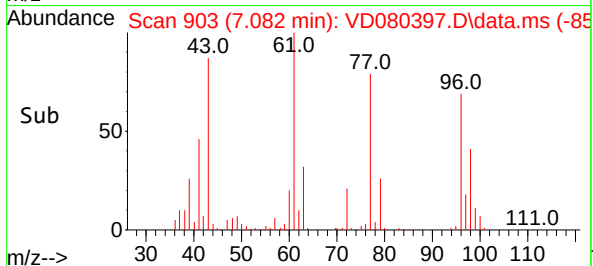
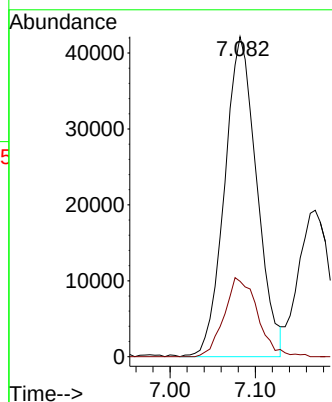
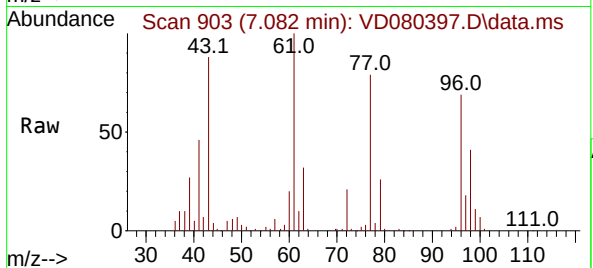




#25
2-Butanone
Concen: 245.745 ug/l
RT: 7.082 min Scan# 903
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

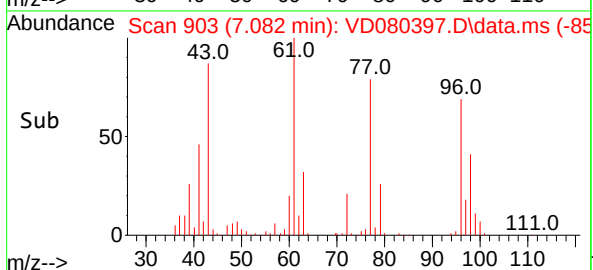
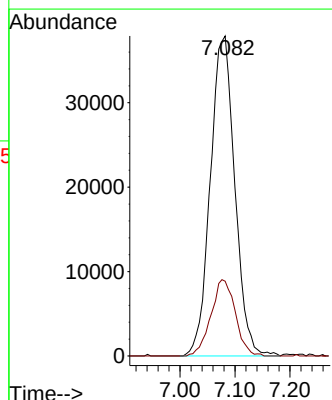
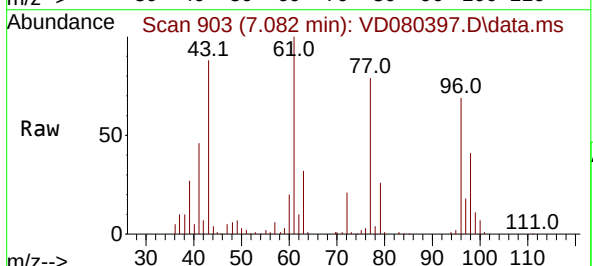
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

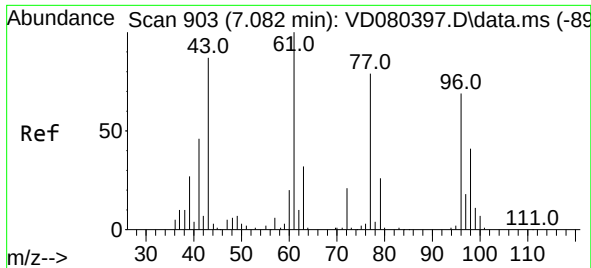
Tgt Ion: 43 Resp: 110591
Ion Ratio Lower Upper
43 100
72 23.6 18.9 28.3



#26
2,2-Dichloropropane
Concen: 47.309 ug/l
RT: 7.082 min Scan# 903
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion: 77 Resp: 117587
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.5

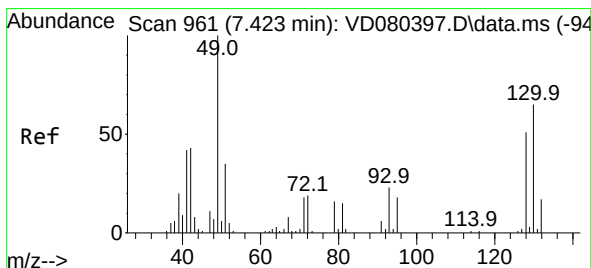
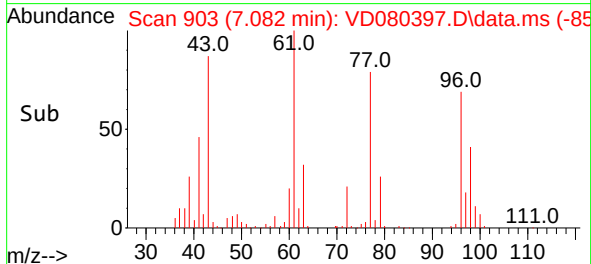
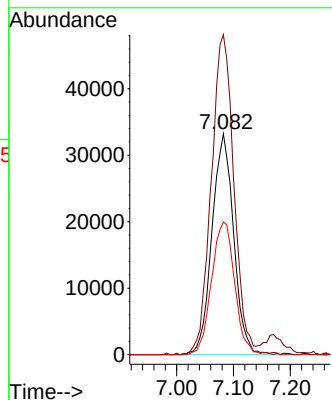
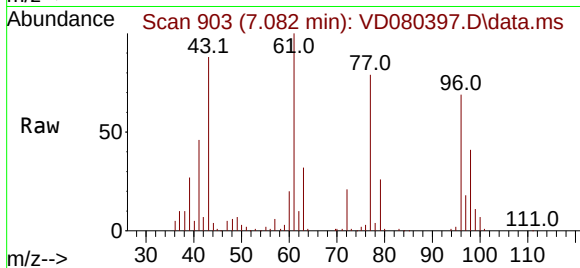




#27
 cis-1,2-Dichloroethene
 Concen: 47.313 ug/l
 RT: 7.082 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: VD080397.D
 Acq: 30 May 2025 10:17

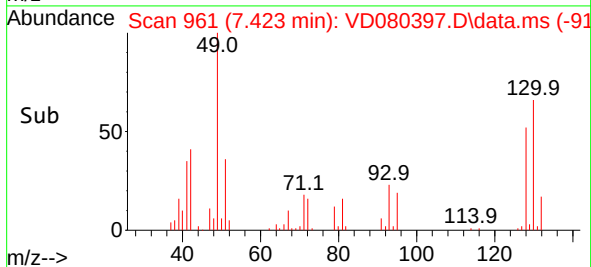
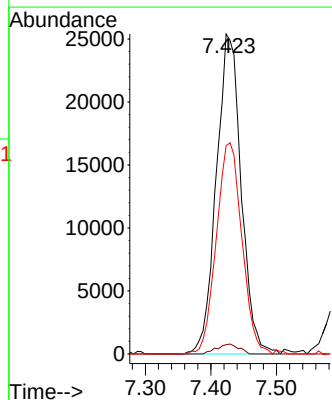
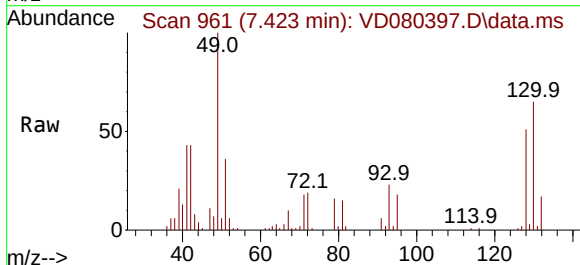
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

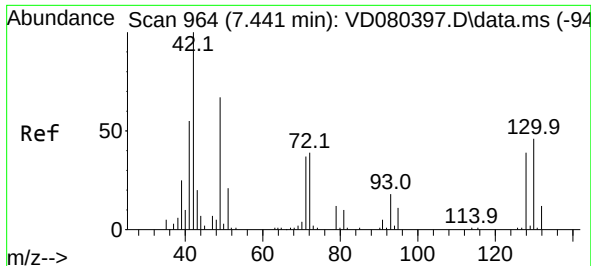
Tgt Ion: 96 Resp: 88141
 Ion Ratio Lower Upper
 96 100
 61 150.7 0.0 301.4
 98 64.1 0.0 128.2



#28
 Bromochloromethane
 Concen: 45.598 ug/l
 RT: 7.423 min Scan# 961
 Delta R.T. 0.000 min
 Lab File: VD080397.D
 Acq: 30 May 2025 10:17

Tgt Ion: 49 Resp: 66745
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.6
 130 67.8 54.2 81.4





#29

Tetrahydrofuran

Concen: 251.242 ug/l

RT: 7.441 min Scan# 964

Delta R.T. 0.000 min

Lab File: VD080397.D

Acq: 30 May 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

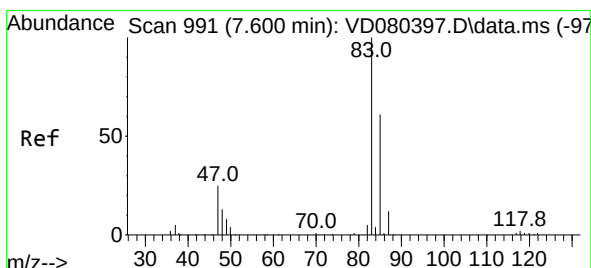
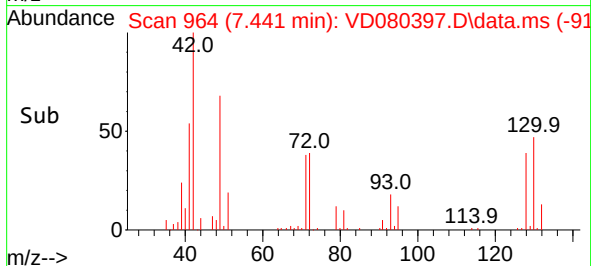
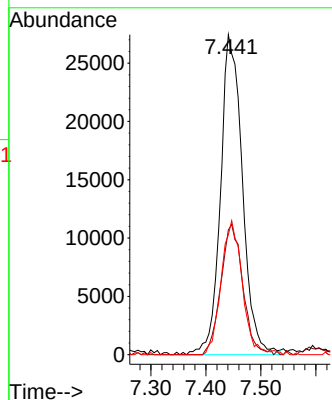
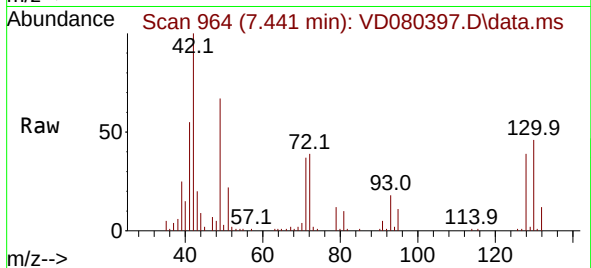
Tgt Ion: 42 Resp: 76043

Ion Ratio Lower Upper

42 100

72 40.8 32.6 49.0

71 40.0 32.0 48.0



#30

Chloroform

Concen: 46.065 ug/l

RT: 7.600 min Scan# 991

Delta R.T. 0.000 min

Lab File: VD080397.D

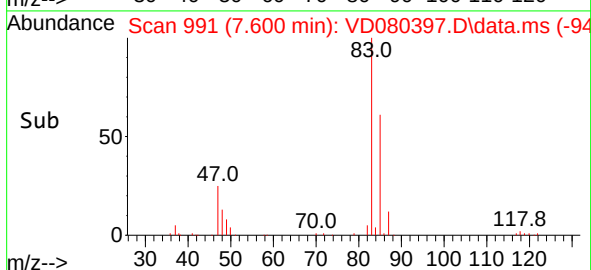
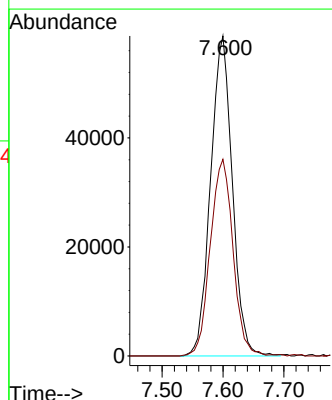
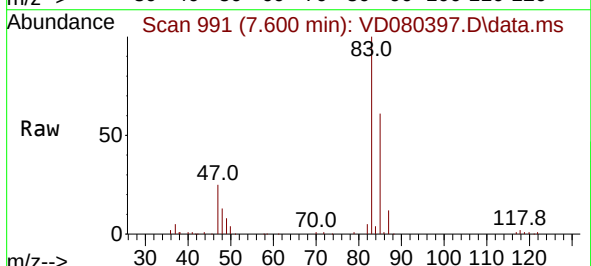
Acq: 30 May 2025 10:17

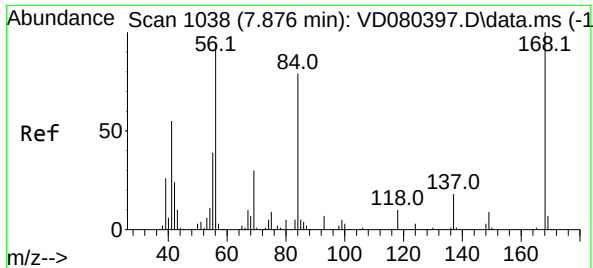
Tgt Ion: 83 Resp: 145467

Ion Ratio Lower Upper

83 100

85 61.5 49.2 73.8

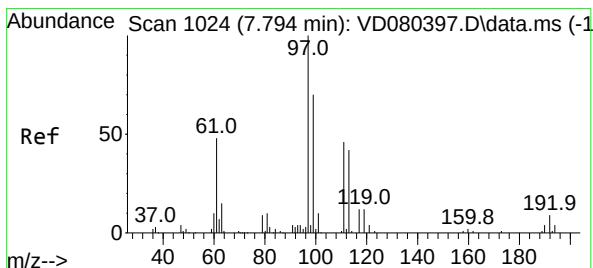
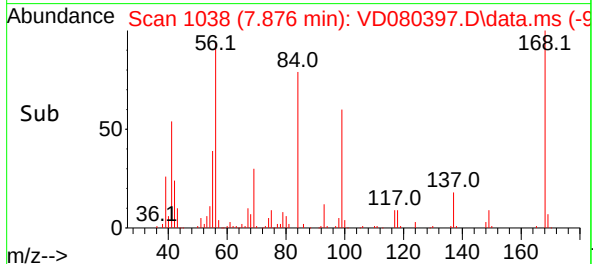
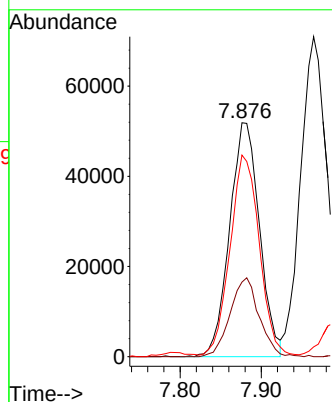
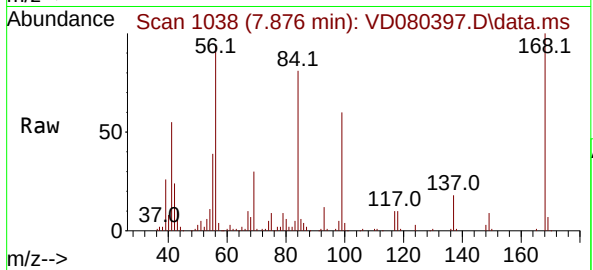




#31
Cyclohexane
Concen: 47.604 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

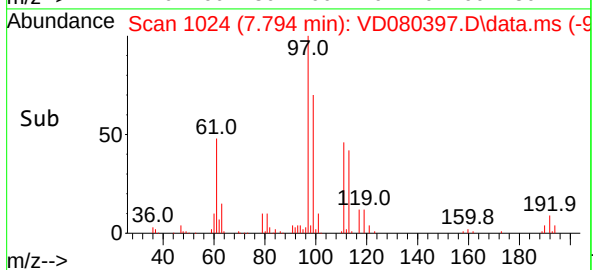
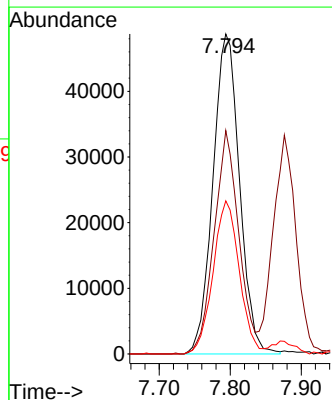
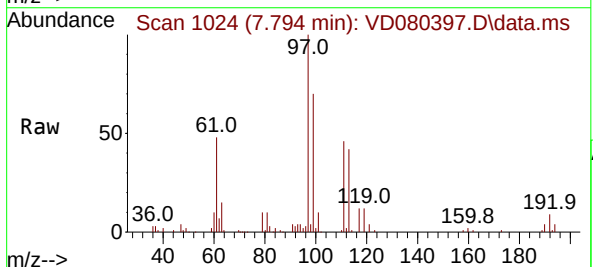
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

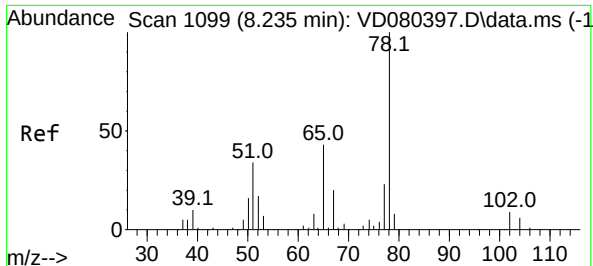
Tgt Ion: 56 Resp: 132787
Ion Ratio Lower Upper
56 100
69 31.9 25.5 38.3
84 84.5 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 47.862 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion: 97 Resp: 126530
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 47.3 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 45.466 ug/l

RT: 8.235 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VD080397.D

Acq: 30 May 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

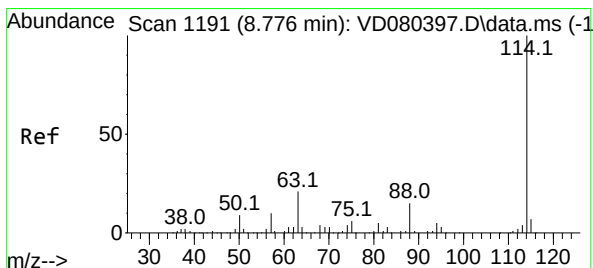
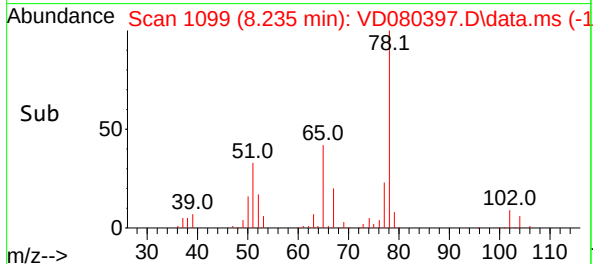
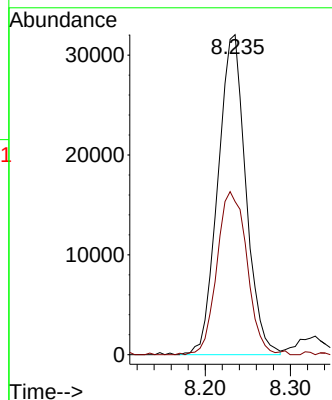
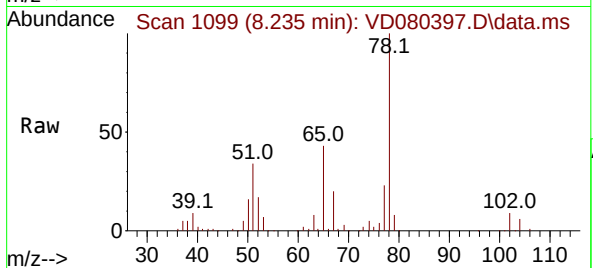
VSTDICCC050

Tgt Ion: 65 Resp: 72954

Ion Ratio Lower Upper

65 100

67 54.9 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: VD080397.D

Acq: 30 May 2025 10:17

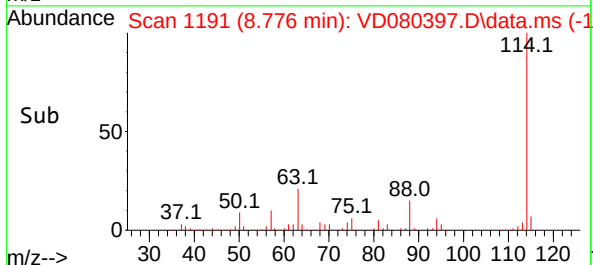
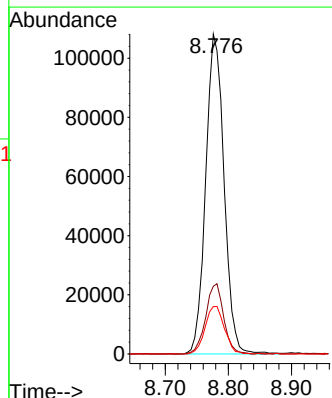
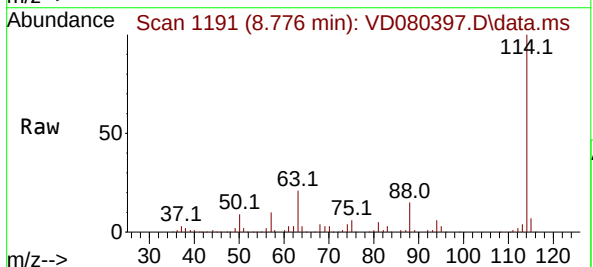
Tgt Ion: 114 Resp: 218659

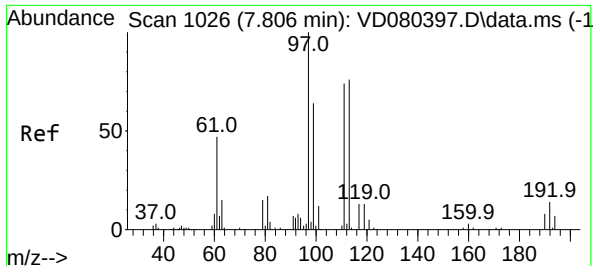
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.4

88 14.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.344 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080397.D

Acq: 30 May 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

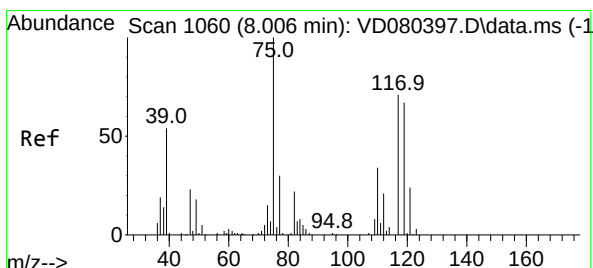
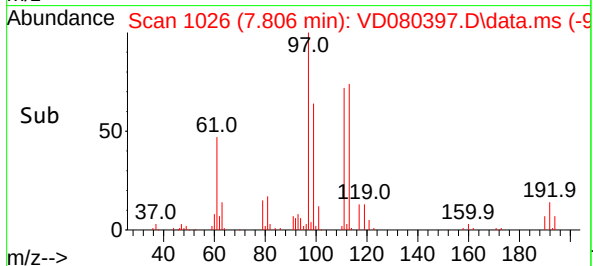
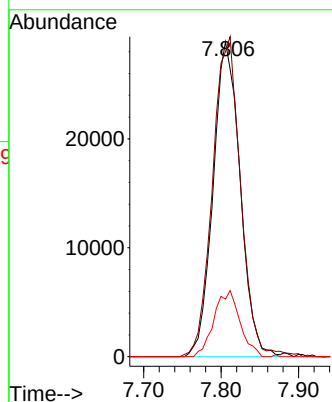
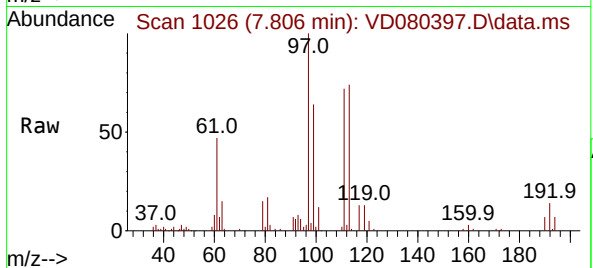
Tgt Ion:113 Resp: 70128

Ion Ratio Lower Upper

113 100

111 105.3 84.2 126.4

192 20.1 16.1 24.1



#36

1,1-Dichloropropene

Concen: 48.756 ug/l

RT: 8.006 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VD080397.D

Acq: 30 May 2025 10:17

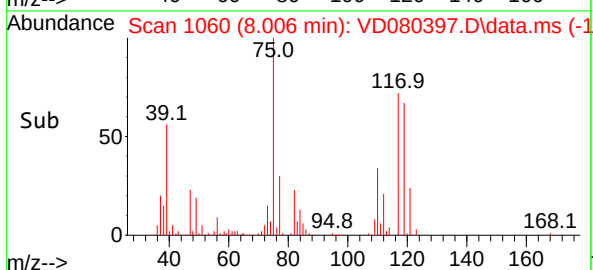
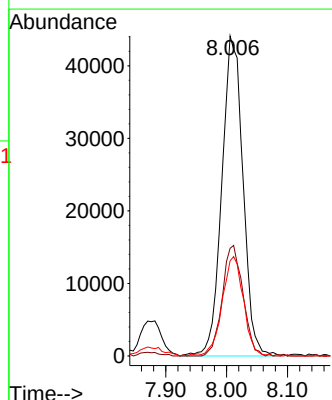
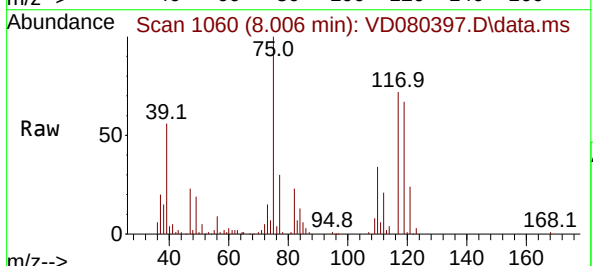
Tgt Ion: 75 Resp: 106502

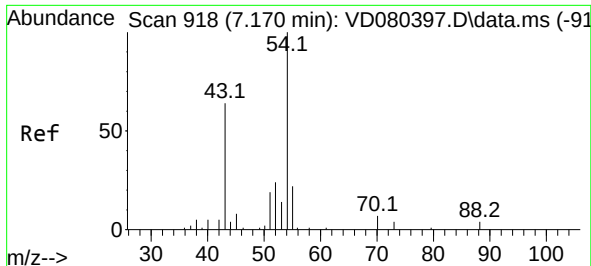
Ion Ratio Lower Upper

75 100

110 33.8 16.9 50.7

77 31.3 25.0 37.6





#37

Ethyl Acetate

Concen: 49.201 ug/l

RT: 7.170 min Scan# 918

Delta R.T. 0.000 min

Lab File: VD080397.D

Acq: 30 May 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

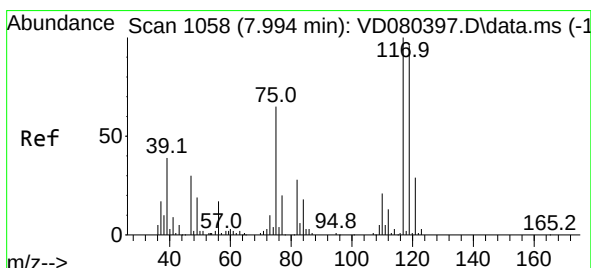
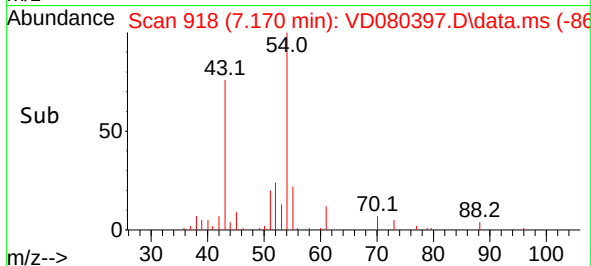
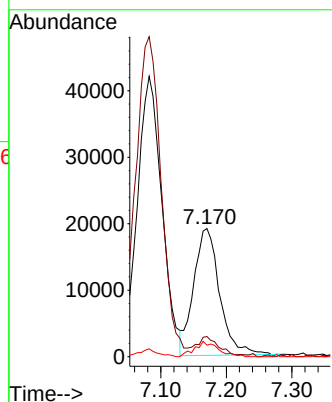
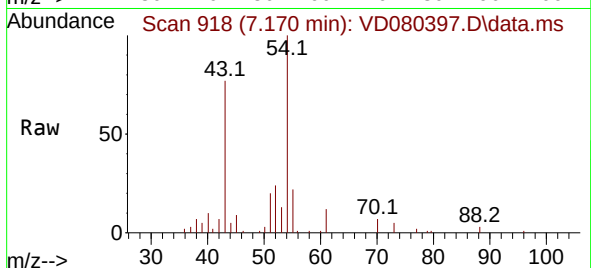
Tgt Ion: 43 Resp: 52639

Ion Ratio Lower Upper

43 100

61 14.7 11.8 17.6

70 10.7 8.6 12.8



#38

Carbon Tetrachloride

Concen: 47.298 ug/l

RT: 7.994 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD080397.D

Acq: 30 May 2025 10:17

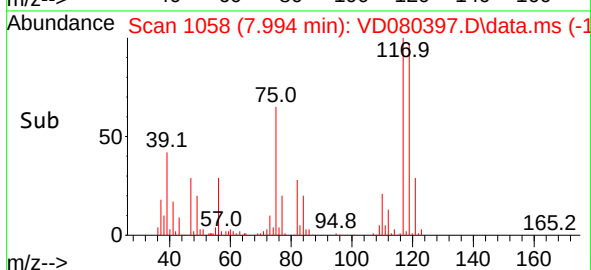
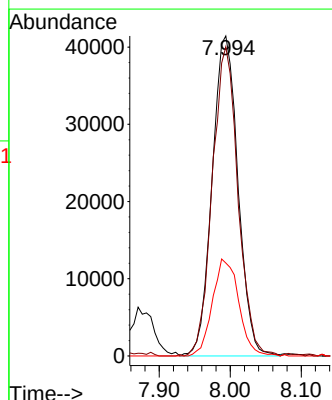
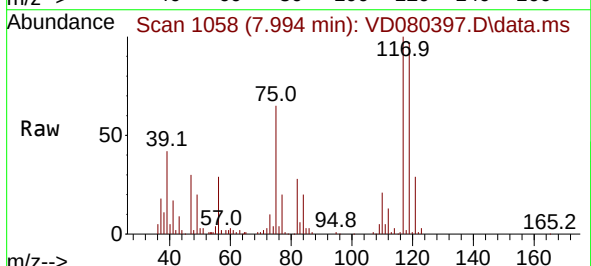
Tgt Ion: 117 Resp: 104675

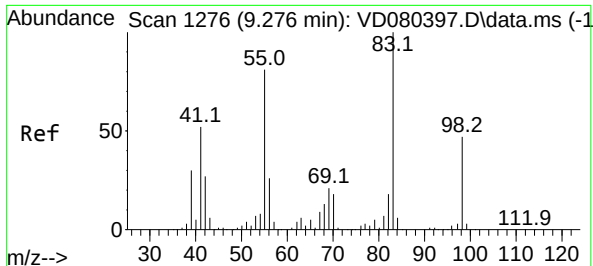
Ion Ratio Lower Upper

117 100

119 96.6 77.3 115.9

121 29.1 23.3 34.9





#39

Methylcyclohexane

Concen: 50.180 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080397.D

Acq: 30 May 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

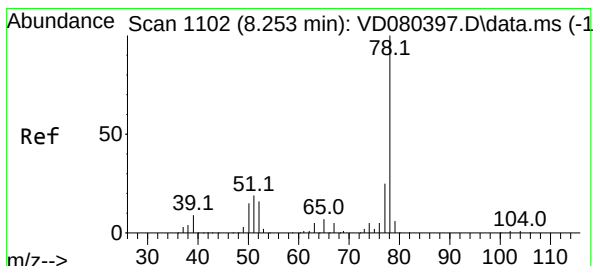
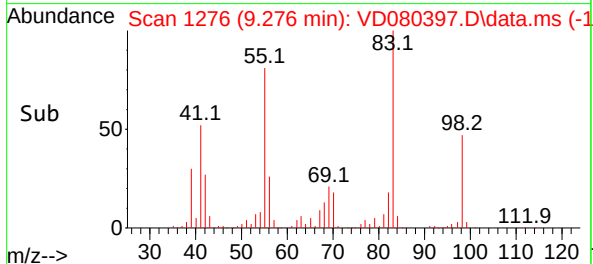
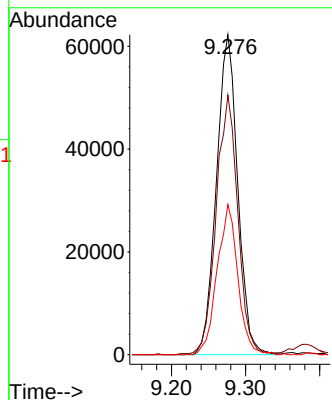
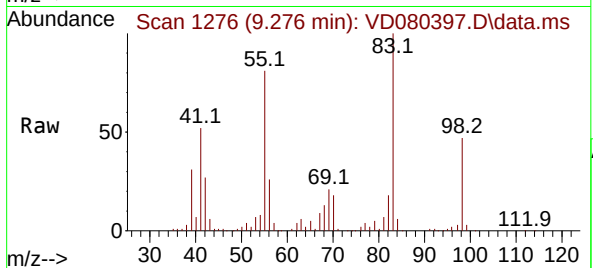
Tgt Ion: 83 Resp: 124315

Ion Ratio Lower Upper

83 100

55 80.8 64.6 97.0

98 46.9 37.5 56.3



#40

Benzene

Concen: 48.451 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080397.D

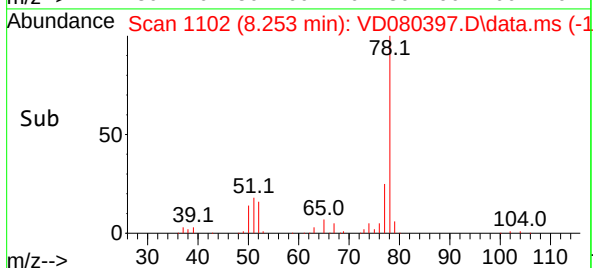
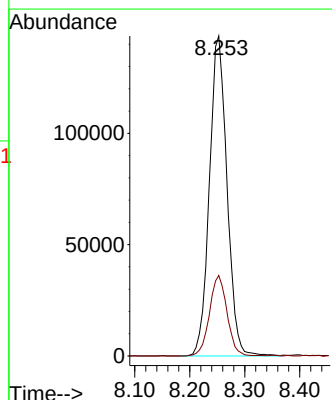
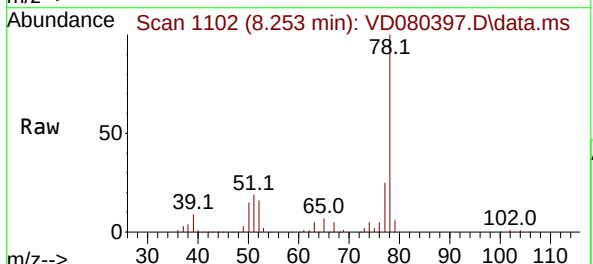
Acq: 30 May 2025 10:17

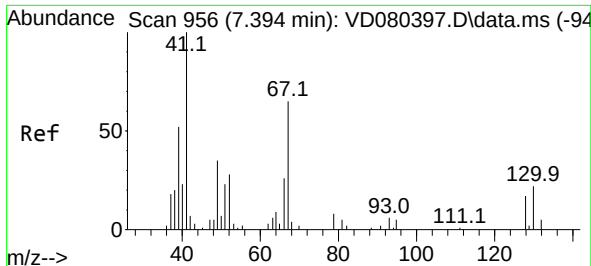
Tgt Ion: 78 Resp: 319724

Ion Ratio Lower Upper

78 100

77 25.2 20.2 30.2

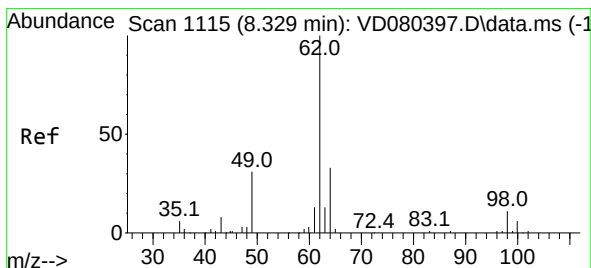
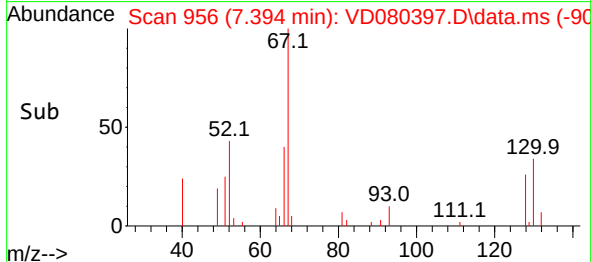
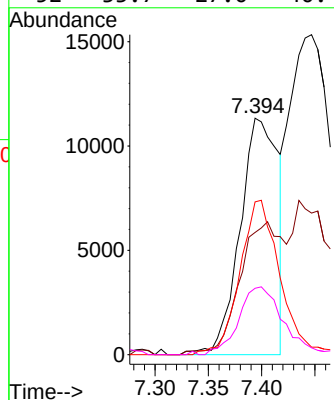
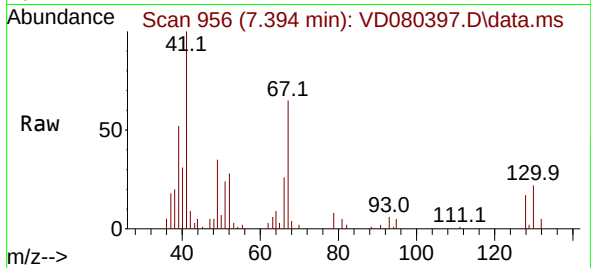




#41
Methacrylonitrile
Concen: 46.775 ug/l
RT: 7.394 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

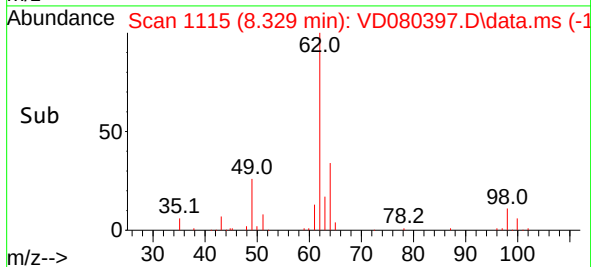
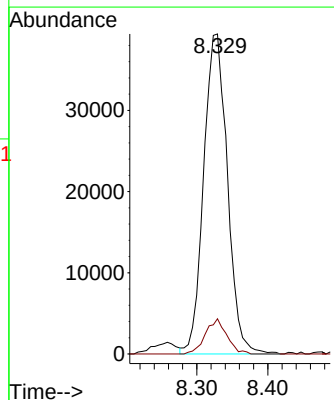
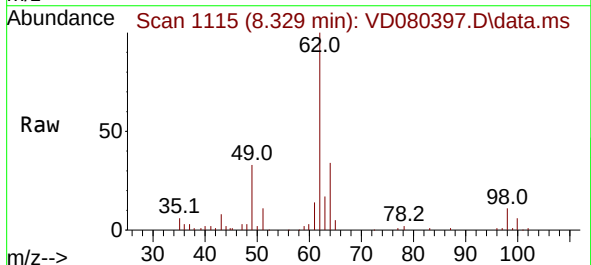
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

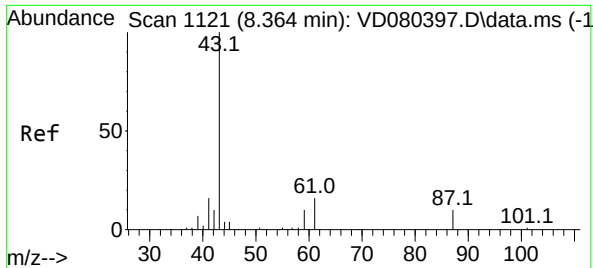
Tgt Ion:	41	Resp:	28223
Ion	Ratio	Lower	Upper
41	100		
39	64.8	51.8	77.8
67	69.3	55.4	83.2
52	33.7	27.0	40.4



#42
1,2-Dichloroethane
Concen: 48.562 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion:	62	Resp:	91678
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8

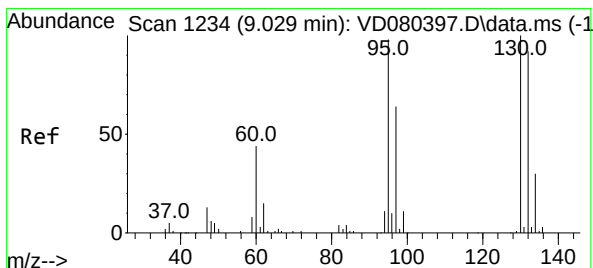
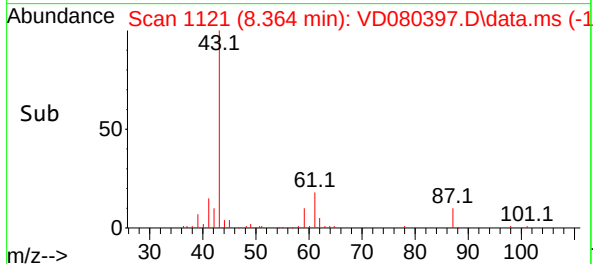
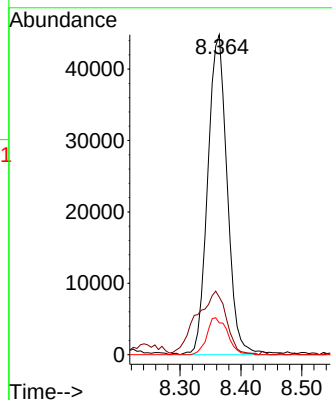
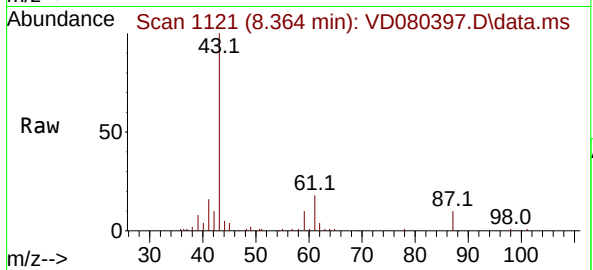




#43
Isopropyl Acetate
Concen: 50.236 ug/l
RT: 8.364 min Scan# 1121
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

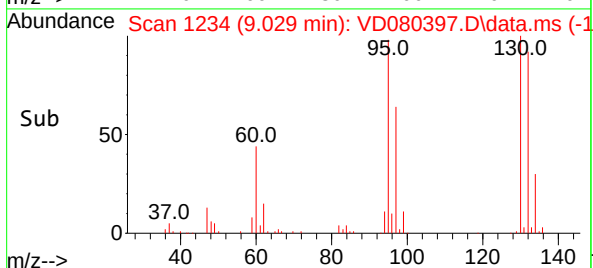
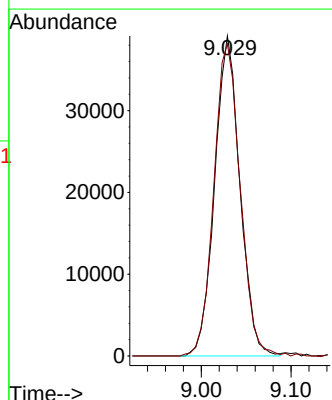
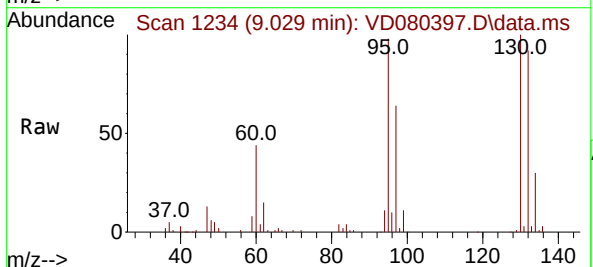
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

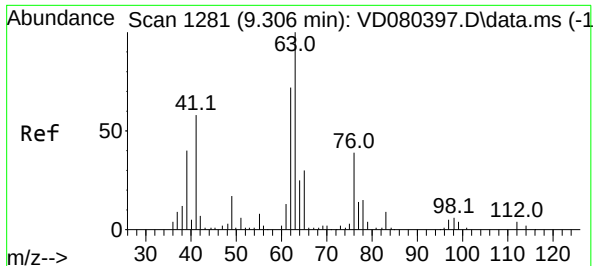
Tgt Ion: 43 Resp: 99405
Ion Ratio Lower Upper
43 100
61 30.6 24.5 36.7
87 12.2 9.8 14.6



#44
Trichloroethene
Concen: 49.434 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion:130 Resp: 76508
Ion Ratio Lower Upper
130 100
95 97.6 0.0 195.2





#45

1,2-Dichloropropane

Concen: 48.246 ug/l

RT: 9.306 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080397.D

Acq: 30 May 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

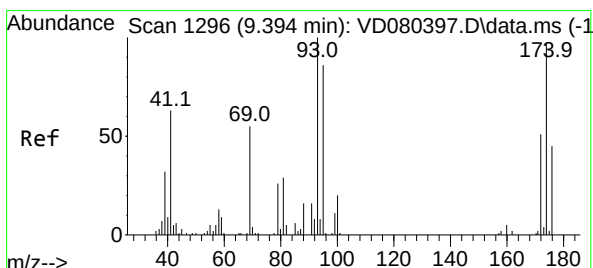
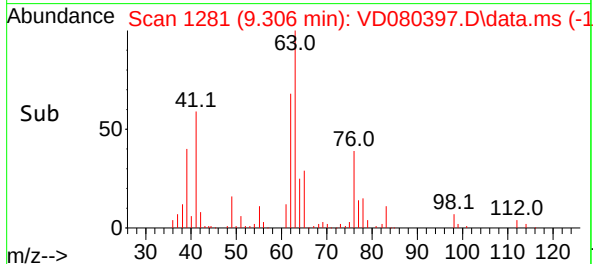
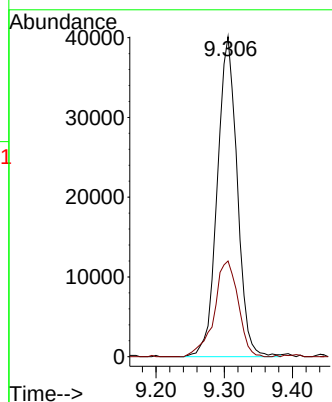
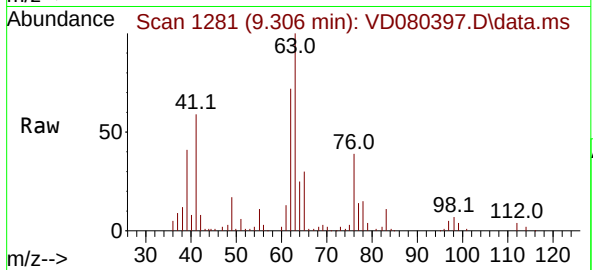
VSTDICCC050

Tgt Ion: 63 Resp: 81684

Ion Ratio Lower Upper

63 100

65 29.9 23.9 35.9



#46

Dibromomethane

Concen: 48.934 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080397.D

Acq: 30 May 2025 10:17

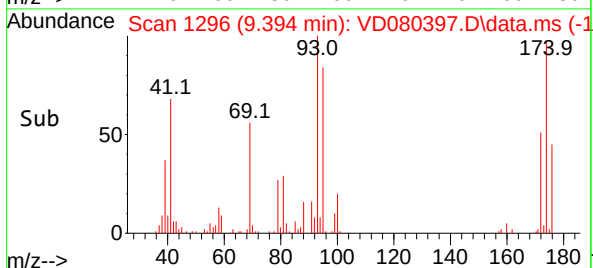
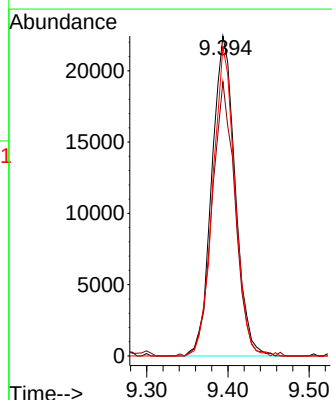
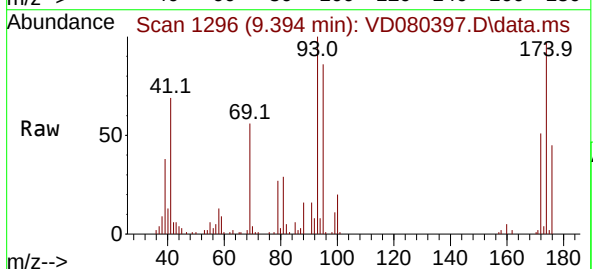
Tgt Ion: 93 Resp: 44857

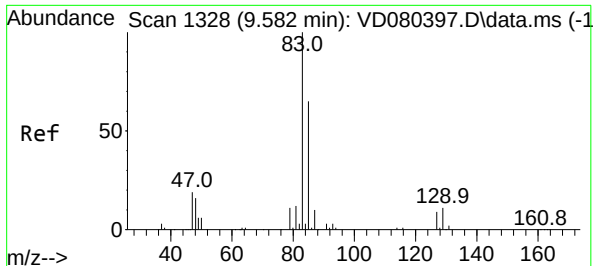
Ion Ratio Lower Upper

93 100

95 84.3 67.4 101.2

174 91.6 73.3 109.9

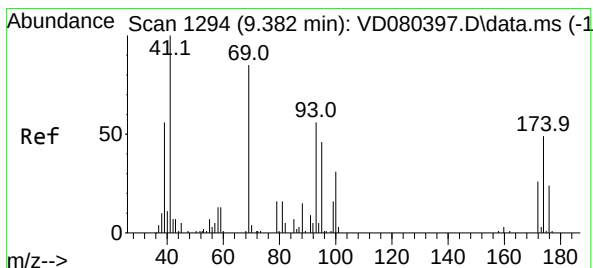
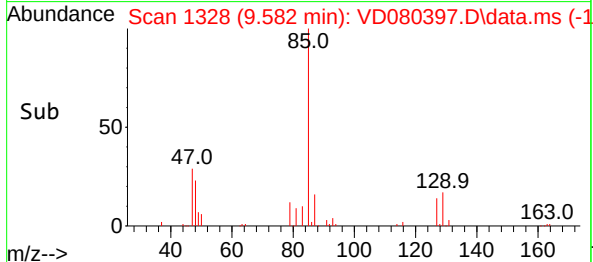
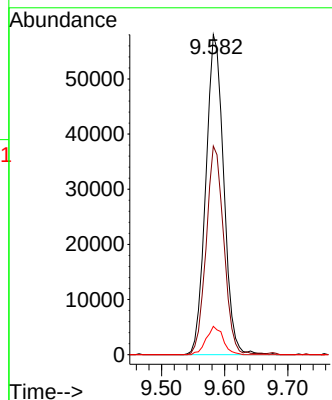
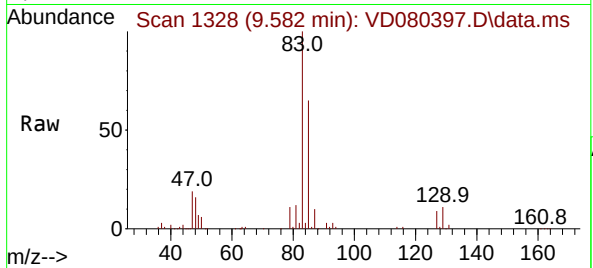




#47
Bromodichloromethane
Concen: 49.168 ug/l
RT: 9.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

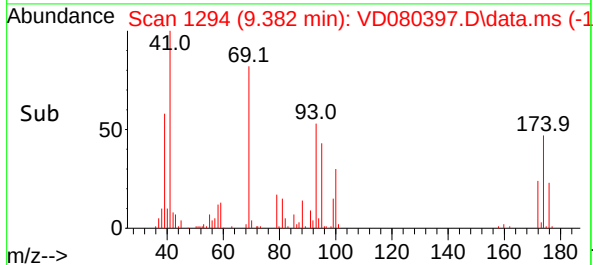
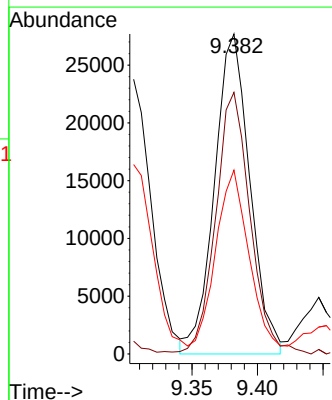
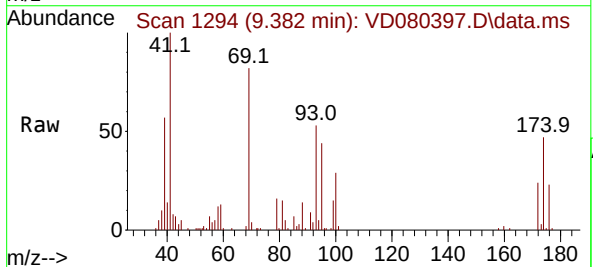
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

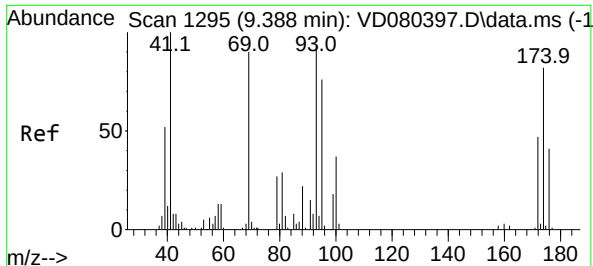
Tgt Ion: 83 Resp: 114108
Ion Ratio Lower Upper
83 100
85 65.2 52.2 78.2
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 53.968 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion: 41 Resp: 51965
Ion Ratio Lower Upper
41 100
69 79.8 63.8 95.8
39 50.7 40.6 60.8





#49

1,4-Dioxane

Concen: 1028.918 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VD080397.D

Acq: 30 May 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

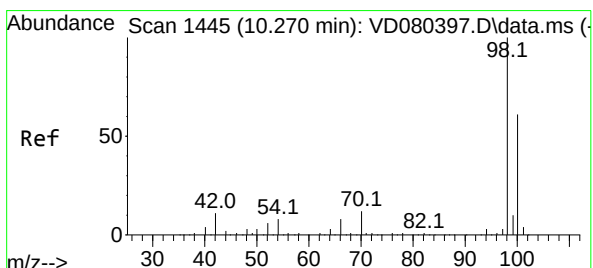
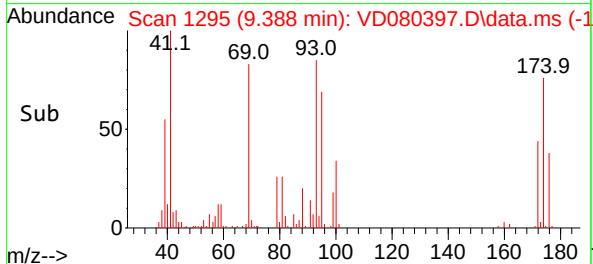
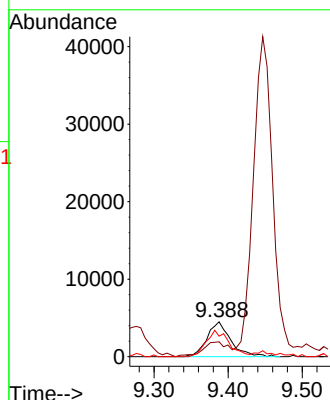
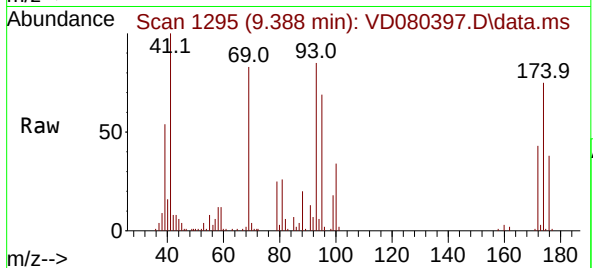
Tgt Ion: 88 Resp: 10023

Ion Ratio Lower Upper

88 100

43 44.8 35.8 53.8

58 72.9 58.3 87.5



#50

Toluene-d8

Concen: 51.309 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080397.D

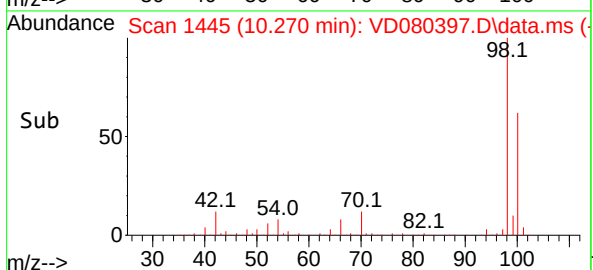
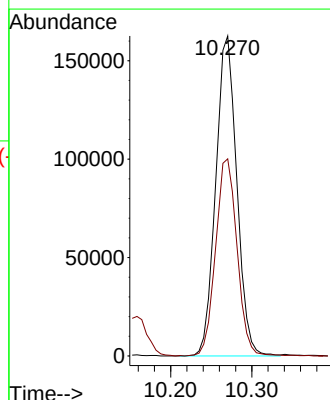
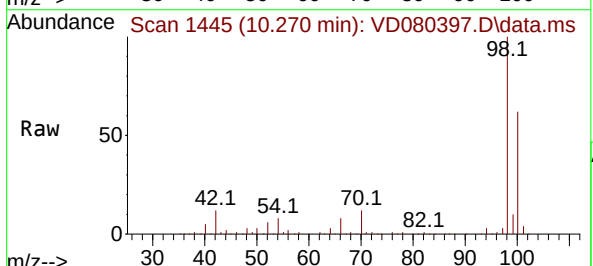
Acq: 30 May 2025 10:17

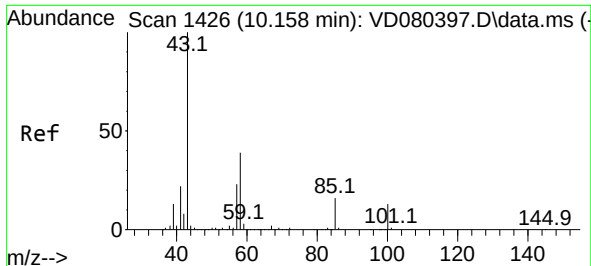
Tgt Ion: 98 Resp: 293401

Ion Ratio Lower Upper

98 100

100 62.9 50.3 75.5

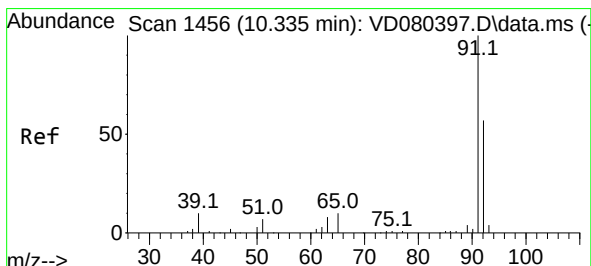
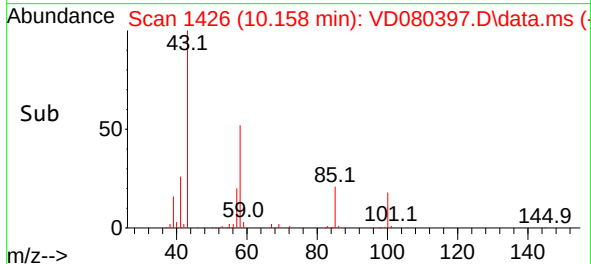
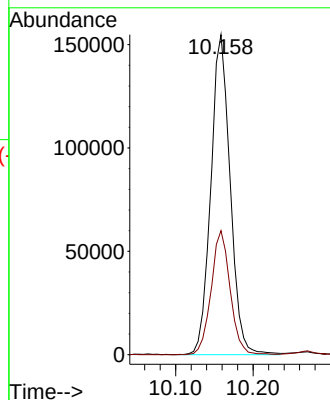
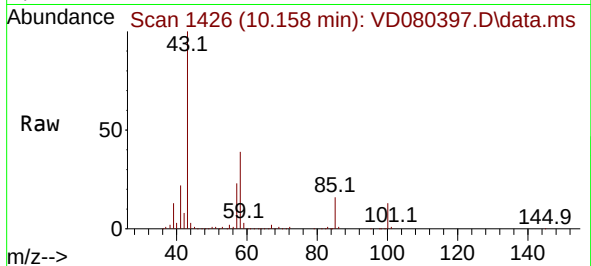




#51
4-Methyl-2-Pentanone
Concen: 257.103 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

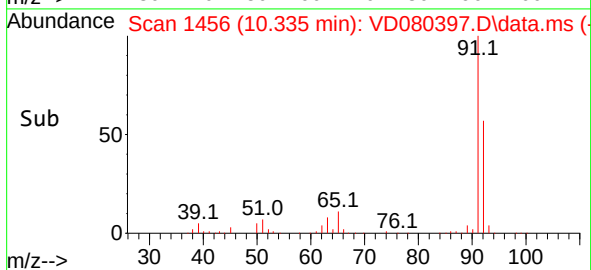
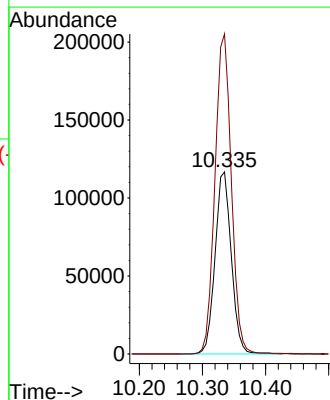
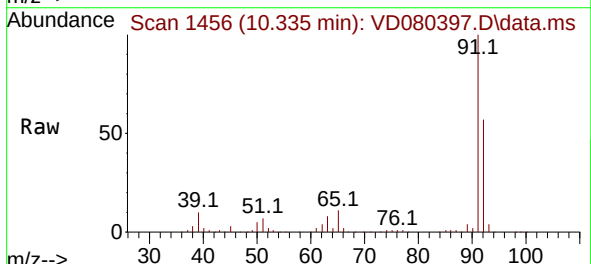
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

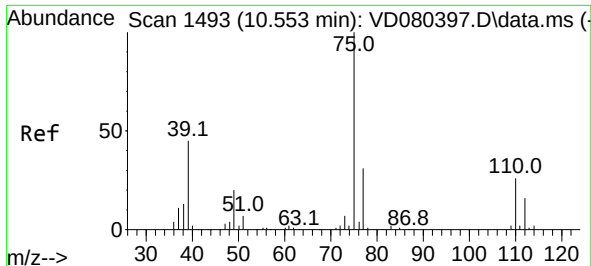
Tgt Ion: 43 Resp: 268486
Ion Ratio Lower Upper
43 100
58 38.1 30.5 45.7



#52
Toluene
Concen: 51.892 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion: 92 Resp: 207735
Ion Ratio Lower Upper
92 100
91 178.1 142.5 213.7

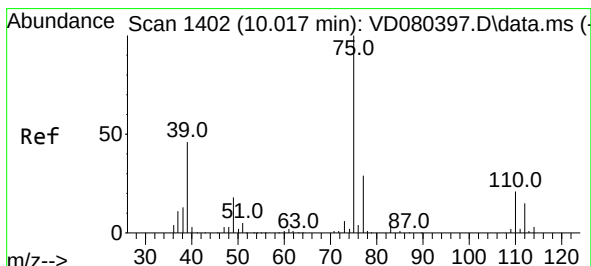
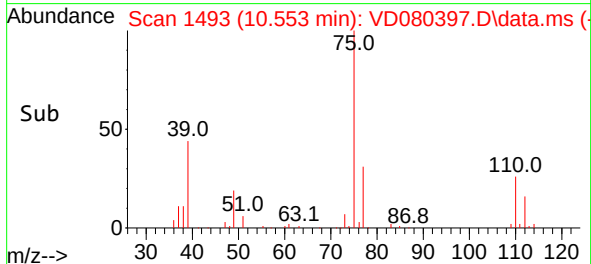
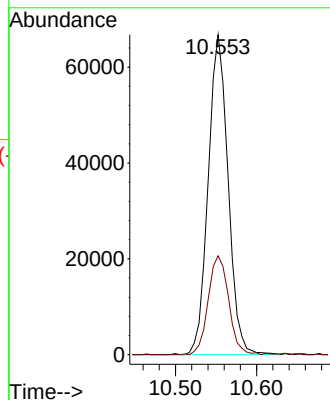
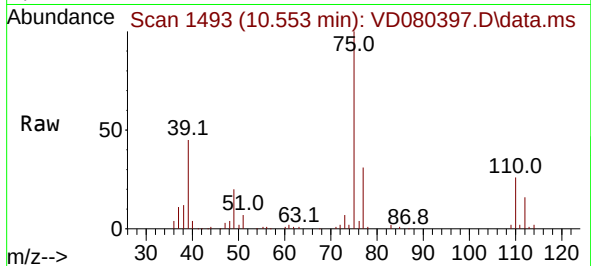




#53
t-1,3-Dichloropropene
Concen: 53.087 ug/l
RT: 10.553 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

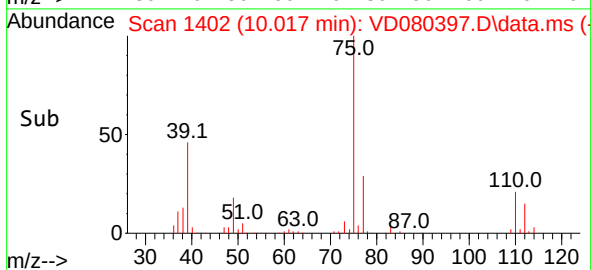
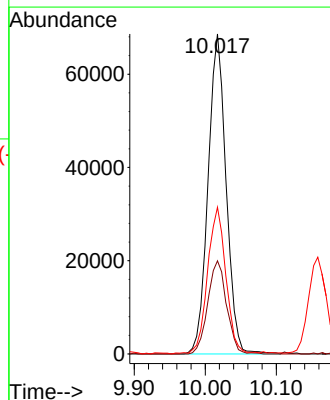
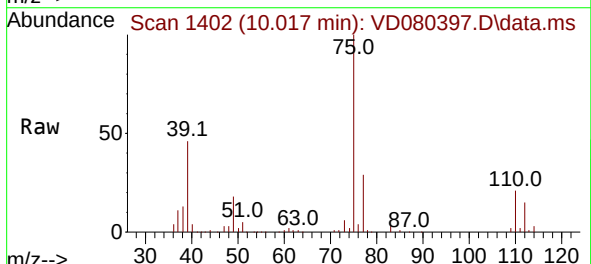
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

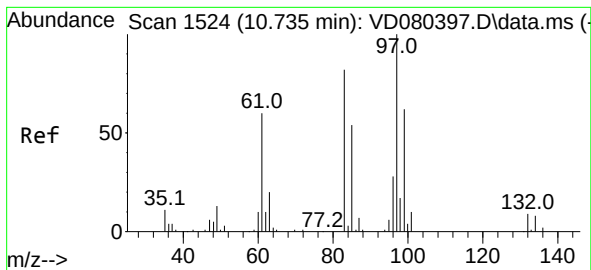
Tgt Ion: 75 Resp: 113649
Ion Ratio Lower Upper
75 100
77 30.9 24.7 37.1



#54
cis-1,3-Dichloropropene
Concen: 49.436 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion: 75 Resp: 121209
Ion Ratio Lower Upper
75 100
77 29.1 23.3 34.9
39 45.6 36.5 54.7

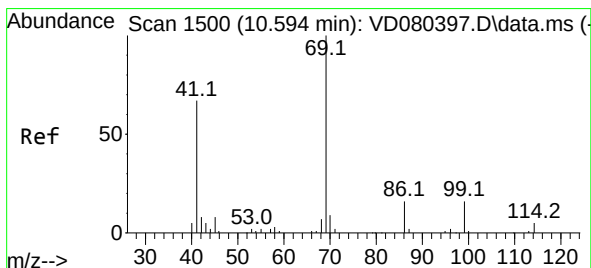
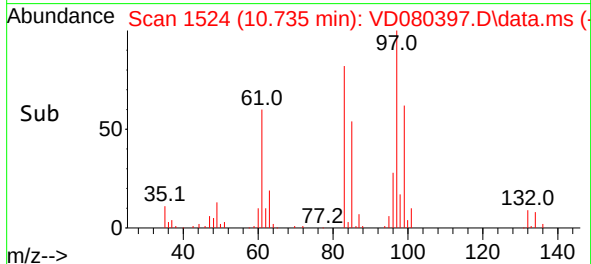
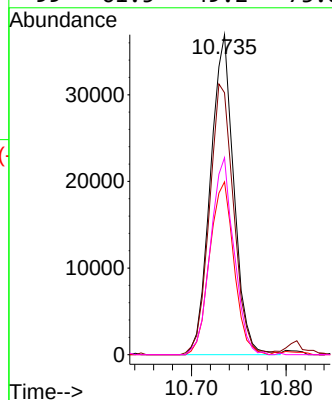
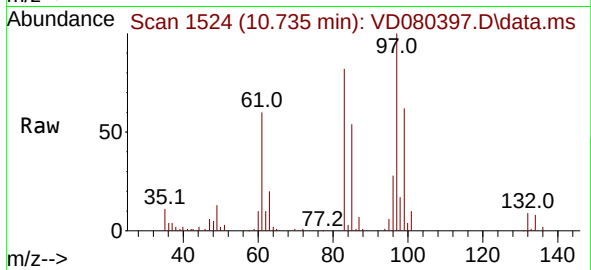




#55
 1,1,2-Trichloroethane
 Concen: 51.766 ug/l
 RT: 10.735 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD080397.D
 Acq: 30 May 2025 10:17

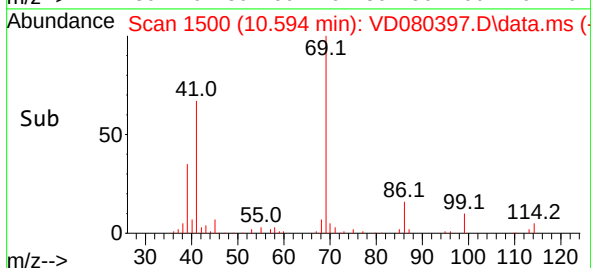
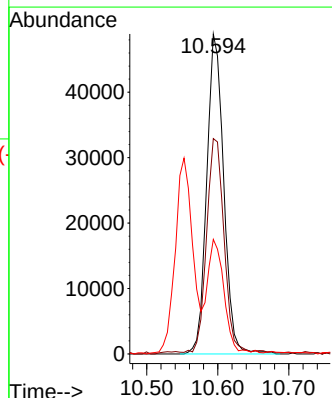
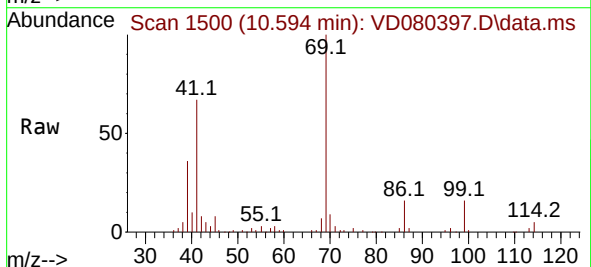
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

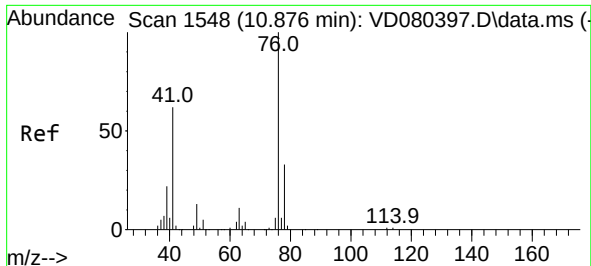
Tgt Ion:	97	Resp:	63459
Ion	Ratio	Lower	Upper
97	100		
83	81.9	65.5	98.3
85	54.0	43.2	64.8
99	61.5	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 47.090 ug/l
 RT: 10.594 min Scan# 1500
 Delta R.T. -0.000 min
 Lab File: VD080397.D
 Acq: 30 May 2025 10:17

Tgt Ion:	69	Resp:	81319
Ion	Ratio	Lower	Upper
69	100		
41	68.0	54.4	81.6
39	35.0	28.0	42.0





#57

1,3-Dichloropropane

Concen: 50.790 ug/l

RT: 10.876 min Scan# 1548

Delta R.T. 0.000 min

Lab File: VD080397.D

Acq: 30 May 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

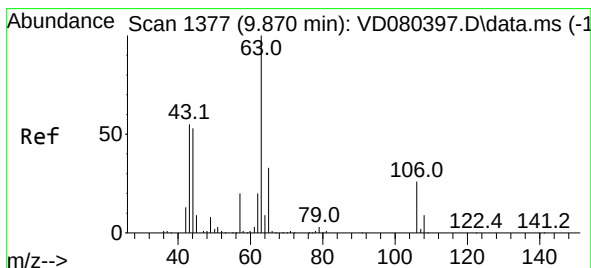
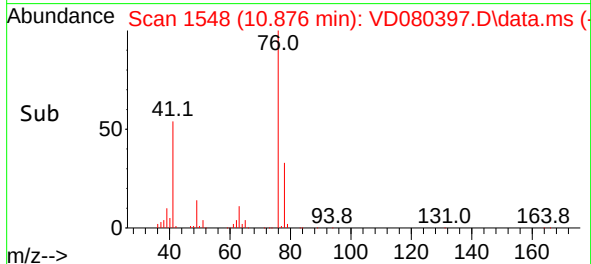
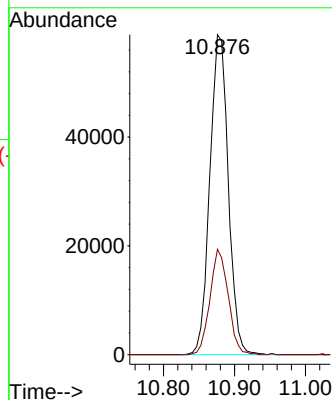
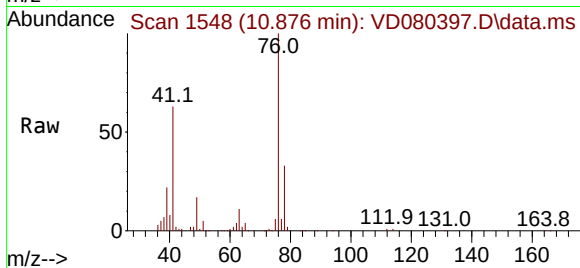
VSTDICCC050

Tgt Ion: 76 Resp: 106383

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 282.137 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VD080397.D

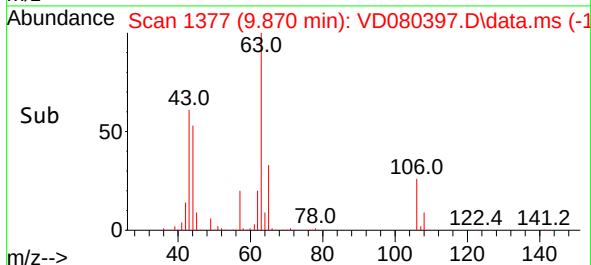
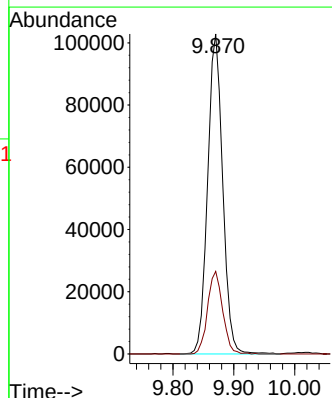
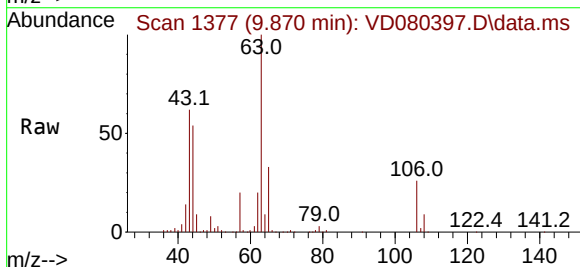
Acq: 30 May 2025 10:17

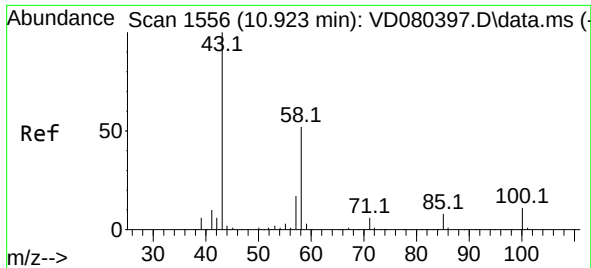
Tgt Ion: 63 Resp: 176272

Ion Ratio Lower Upper

63 100

106 25.9 20.7 31.1

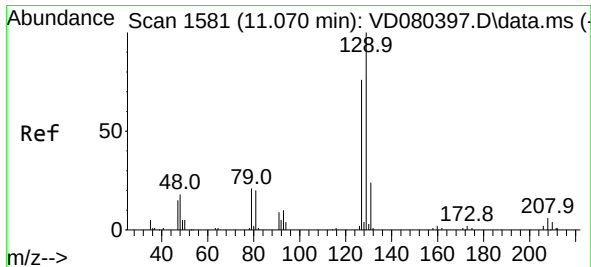
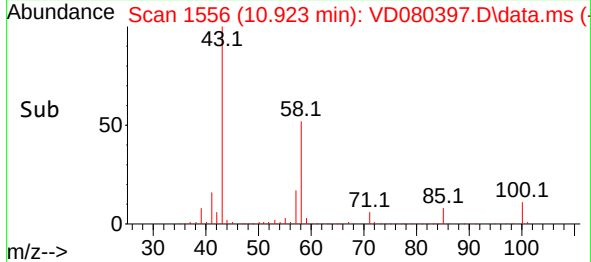
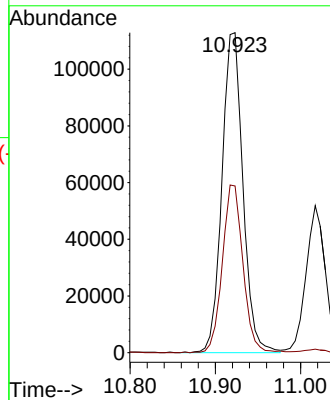
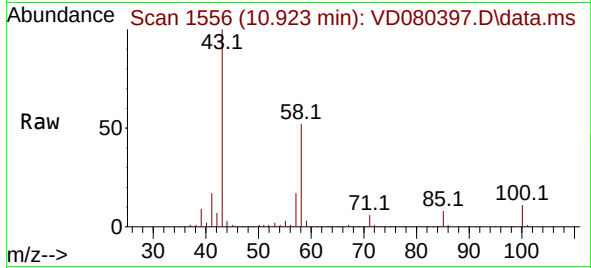




#59
2-Hexanone
Concen: 272.848 ug/l
RT: 10.923 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

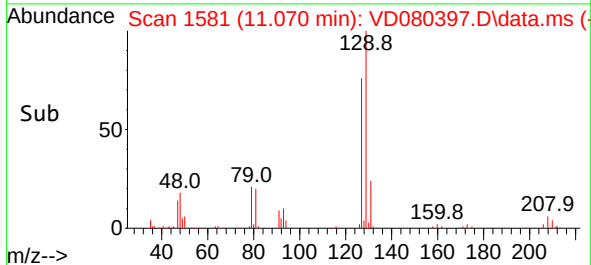
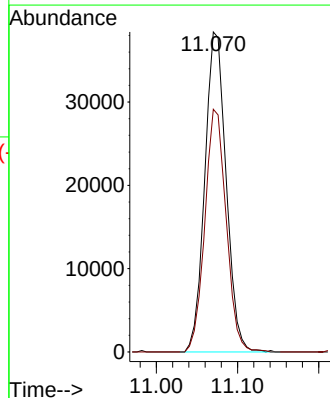
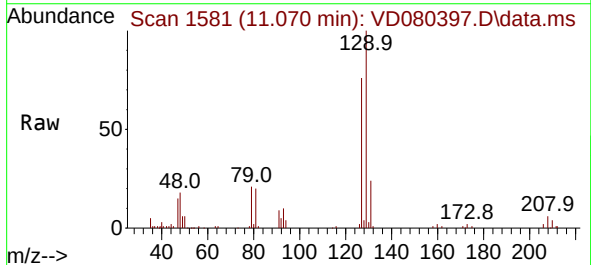
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

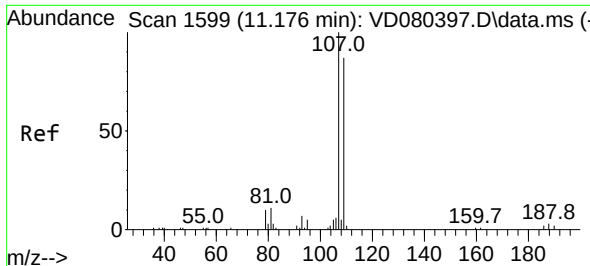
Tgt Ion: 43 Resp: 192809
Ion Ratio Lower Upper
43 100
58 51.6 25.8 77.4



#60
Dibromochloromethane
Concen: 46.880 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion: 129 Resp: 70087
Ion Ratio Lower Upper
129 100
127 75.9 38.0 113.9

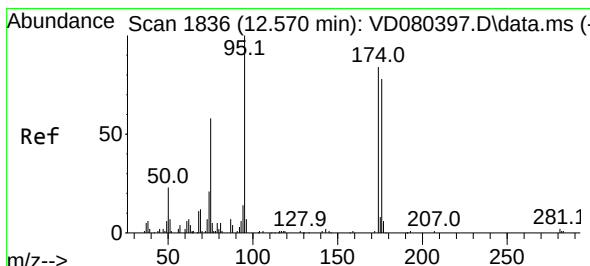
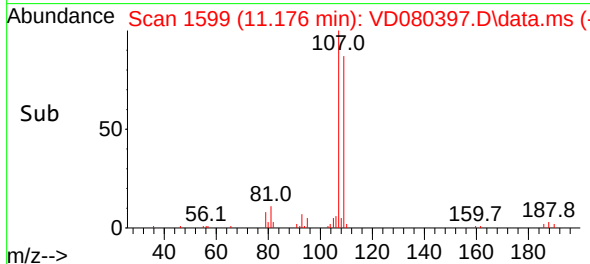
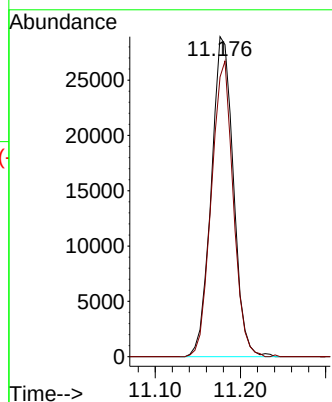
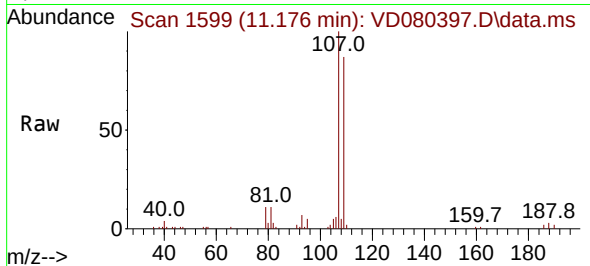




#61
1,2-Dibromoethane
Concen: 47.521 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

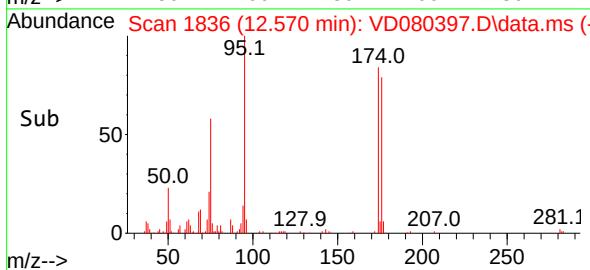
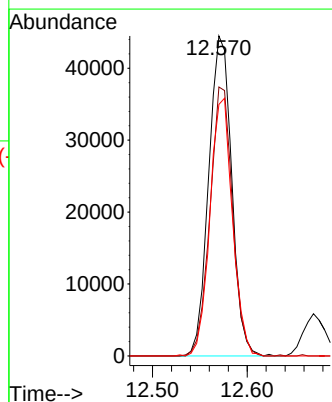
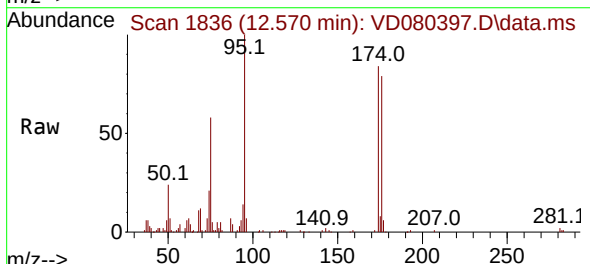
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

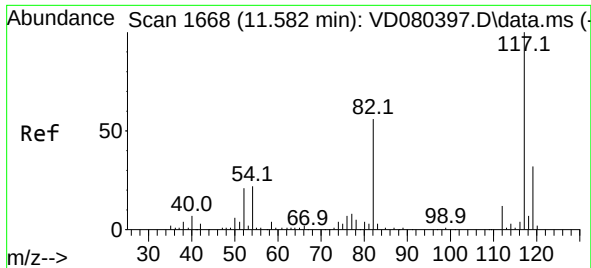
Tgt Ion:107 Resp: 52246
Ion Ratio Lower Upper
107 100
109 90.7 72.6 108.8



#62
4-Bromofluorobenzene
Concen: 42.800 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion: 95 Resp: 74914
Ion Ratio Lower Upper
95 100
174 82.4 0.0 164.8
176 79.2 0.0 158.4

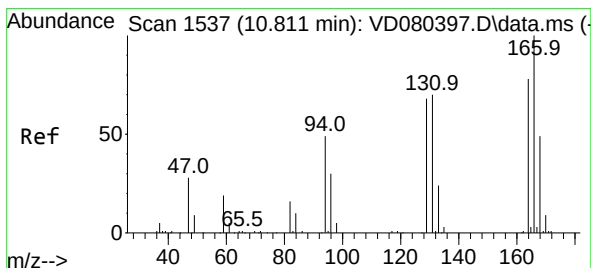
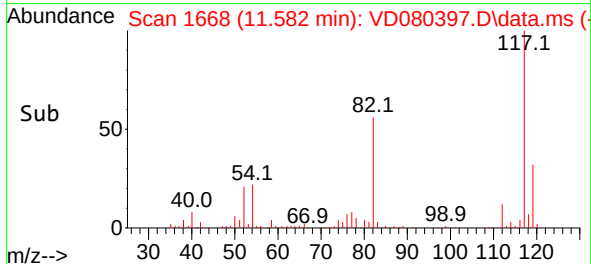
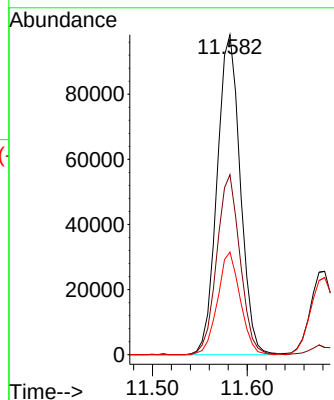
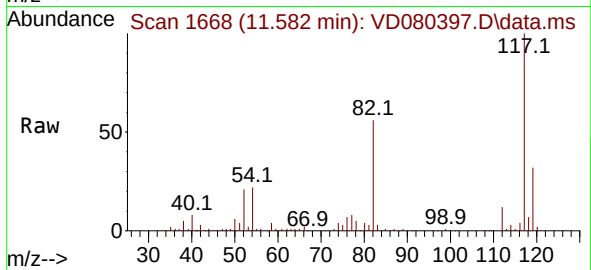




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

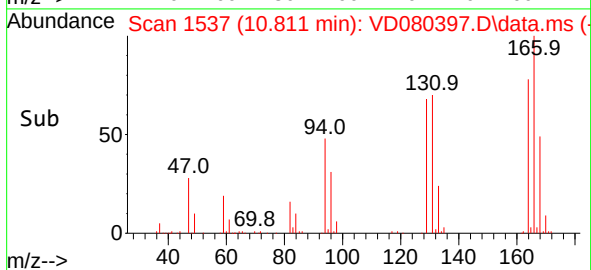
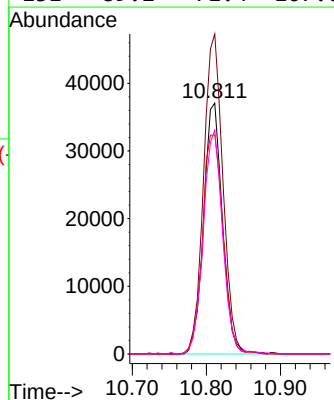
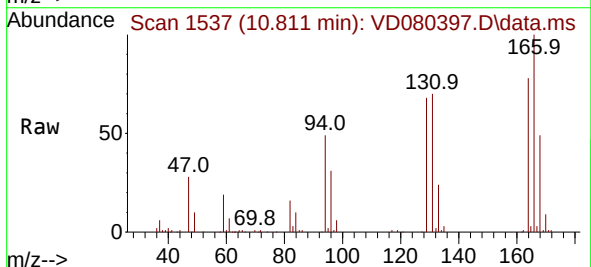
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

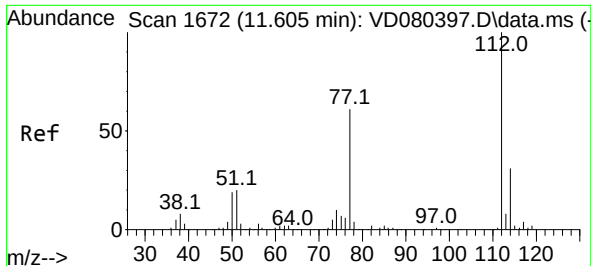
Tgt Ion:117 Resp: 167387
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 58.386 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion:164 Resp: 65850
Ion Ratio Lower Upper
164 100
166 127.5 102.0 153.0
129 87.3 69.8 104.8
131 89.2 71.4 107.0

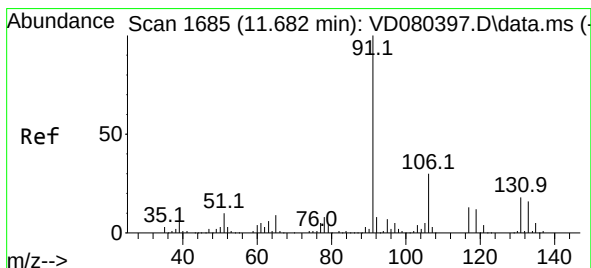
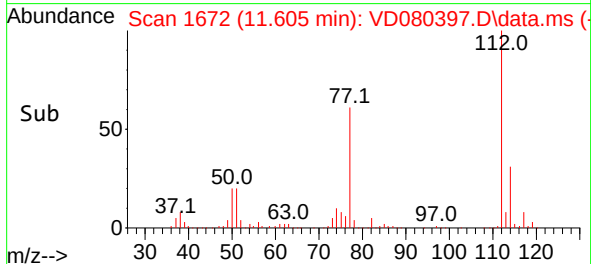
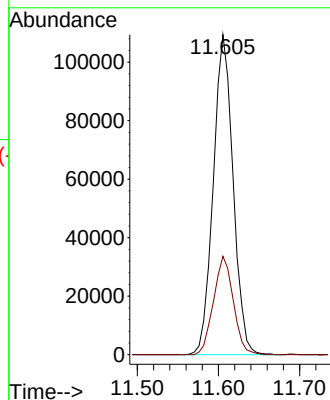
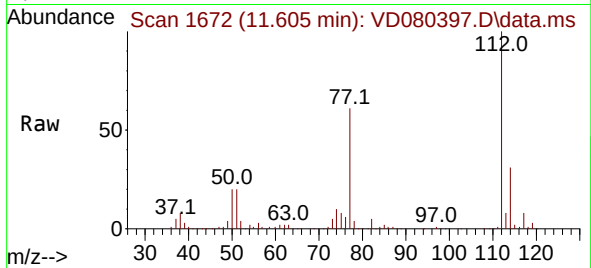




#65
Chlorobenzene
Concen: 50.513 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

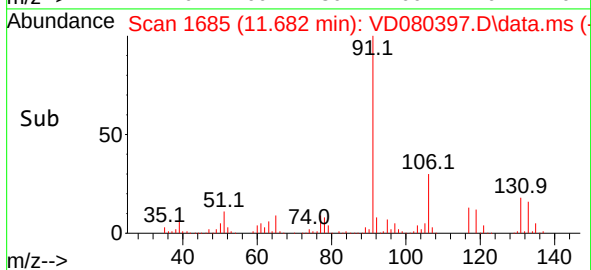
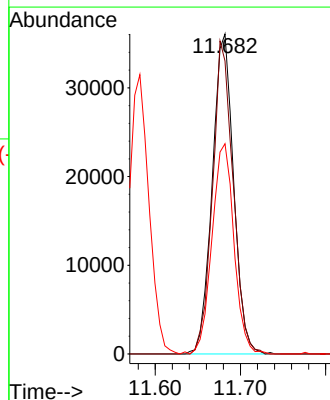
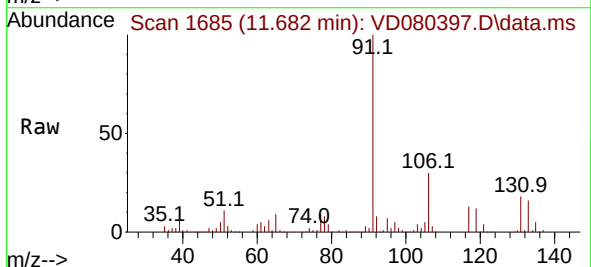
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

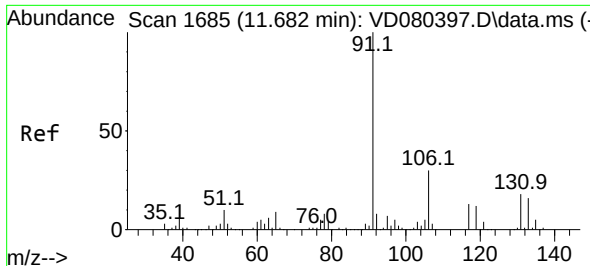
Tgt Ion:112 Resp: 185329
Ion Ratio Lower Upper
112 100
114 30.7 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.651 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion:131 Resp: 62649
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.8
119 67.6 33.8 101.4

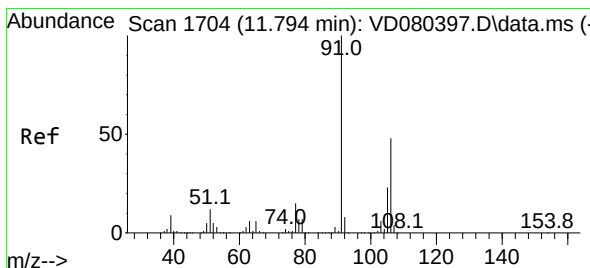
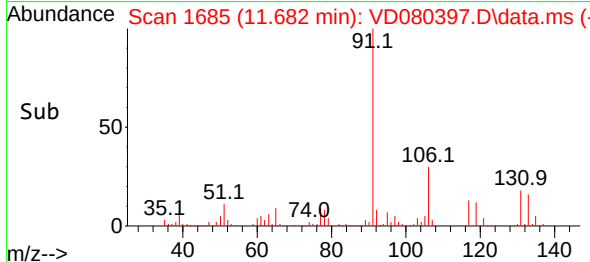
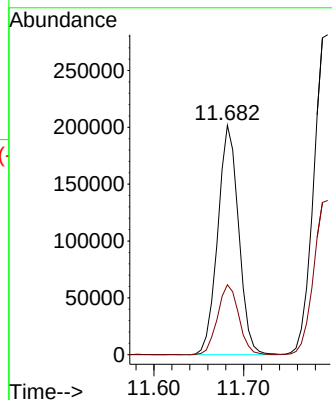
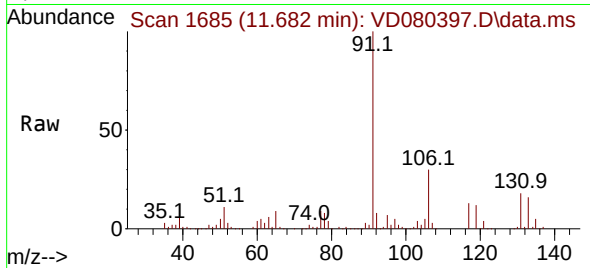




#67
Ethyl Benzene
Concen: 52.611 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

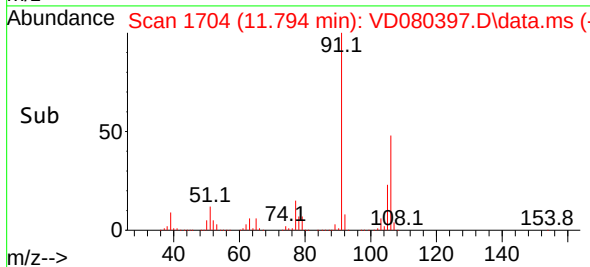
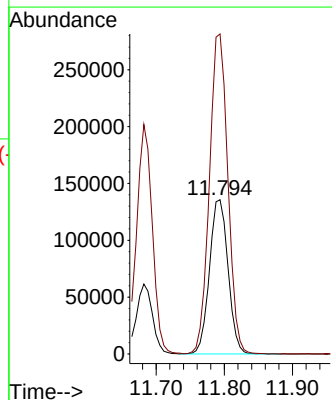
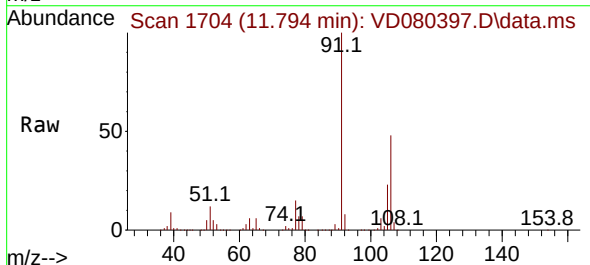
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

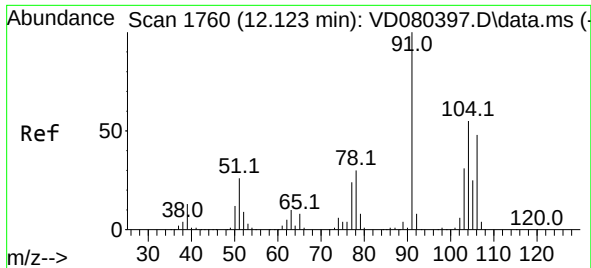
Tgt Ion: 91 Resp: 325793
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6



#68
m/p-Xylenes
Concen: 106.218 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion: 106 Resp: 257602
Ion Ratio Lower Upper
106 100
91 205.8 164.6 247.0

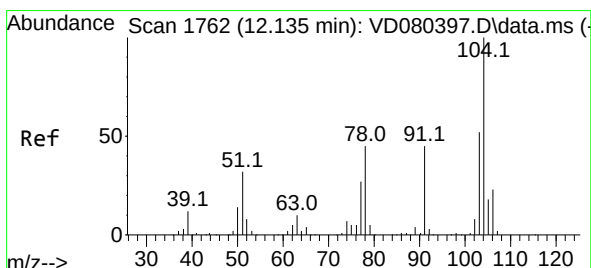
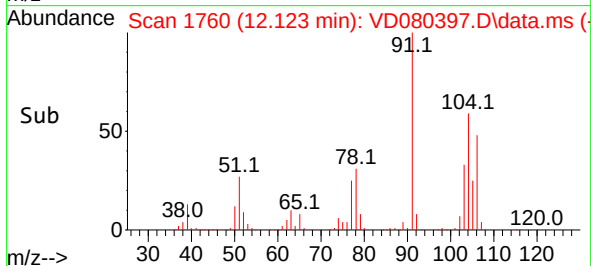
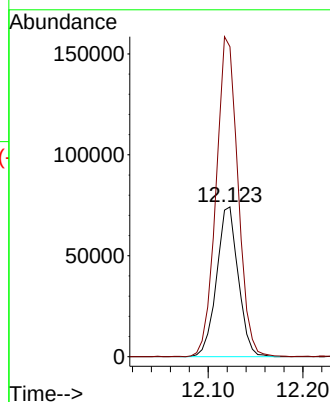
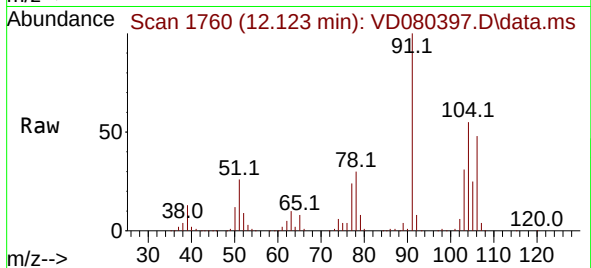




#69
o-Xylene
Concen: 52.241 ug/l
RT: 12.123 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

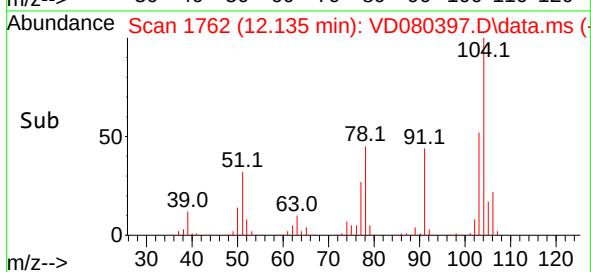
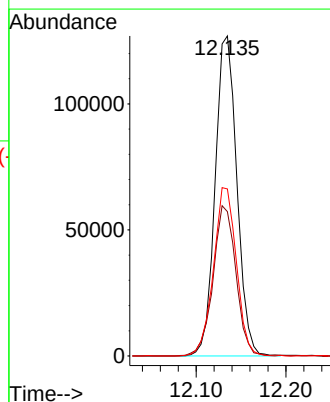
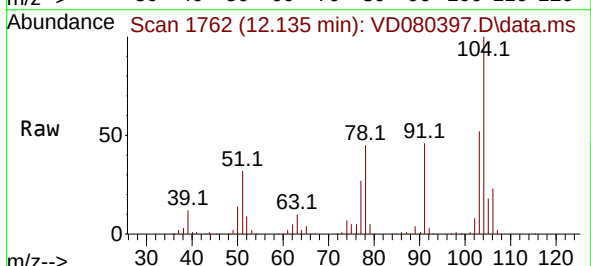
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

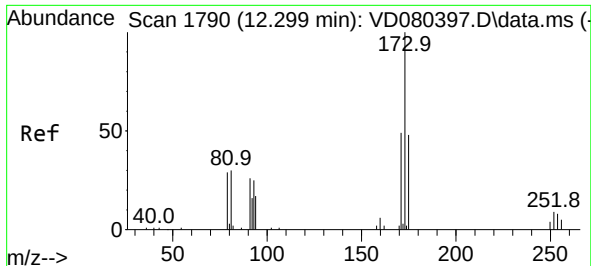
Tgt Ion:106 Resp: 117945
Ion Ratio Lower Upper
106 100
91 216.0 108.0 324.0



#70
Styrene
Concen: 53.567 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion:104 Resp: 213223
Ion Ratio Lower Upper
104 100
78 49.5 39.6 59.4
103 55.5 44.4 66.6

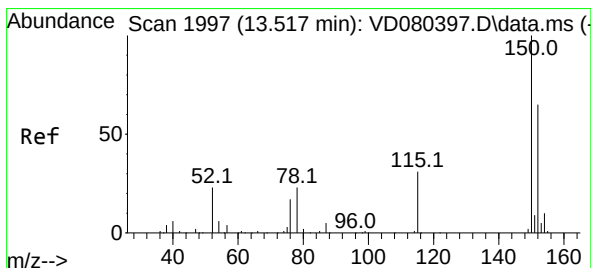
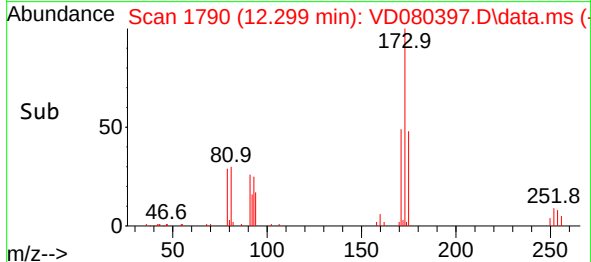
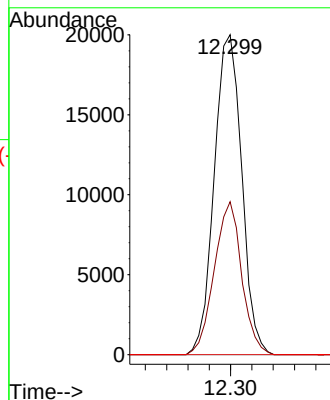
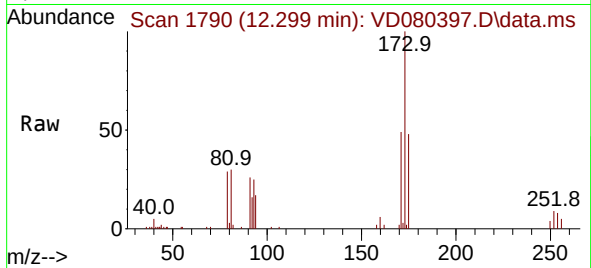




#71
Bromoform
Concen: 52.333 ug/l
RT: 12.299 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

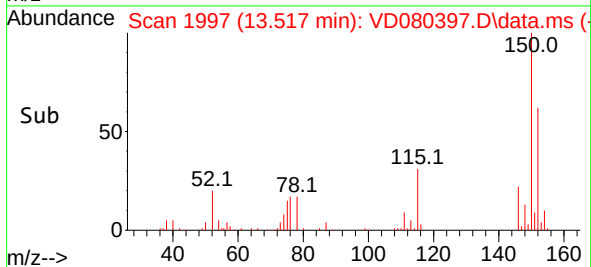
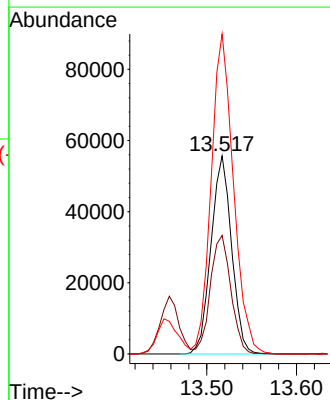
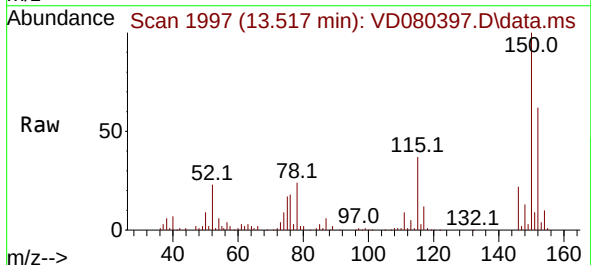
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

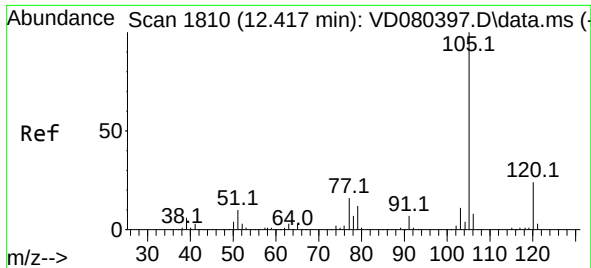
Tgt Ion:173 Resp: 35805
Ion Ratio Lower Upper
173 100
175 47.7 23.8 71.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion:152 Resp: 88579
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.5
150 175.3 0.0 350.6

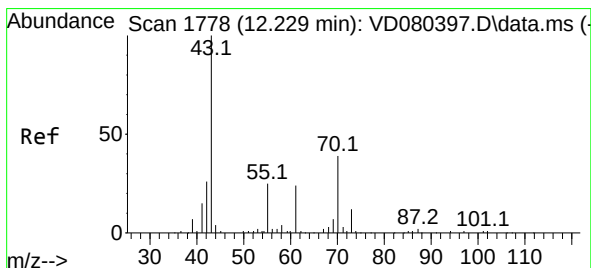
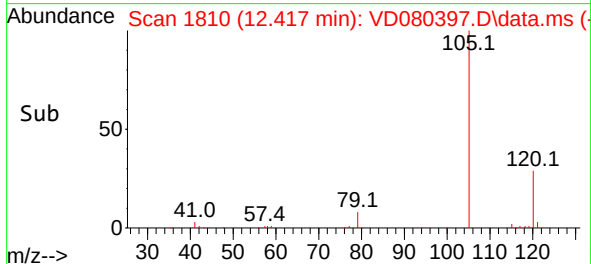
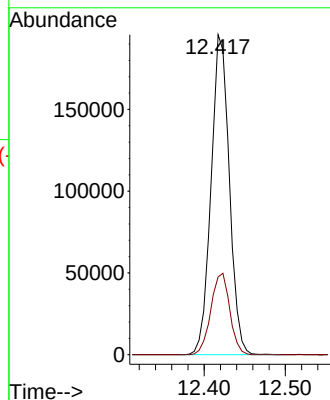
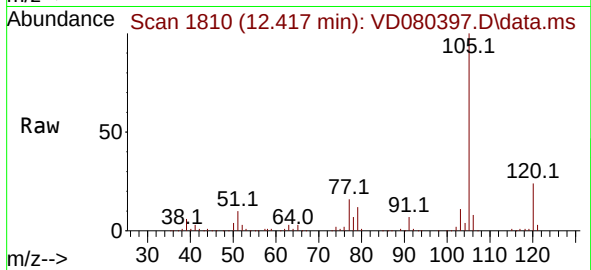




#73
Isopropylbenzene
Concen: 50.133 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

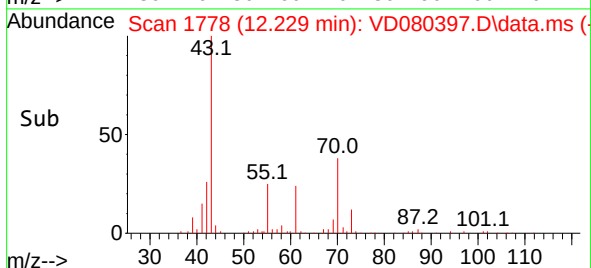
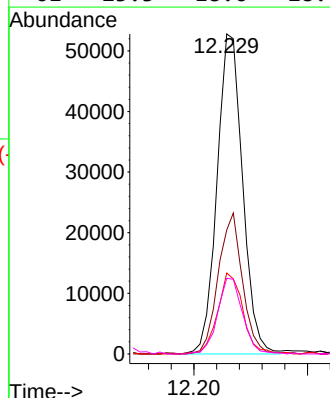
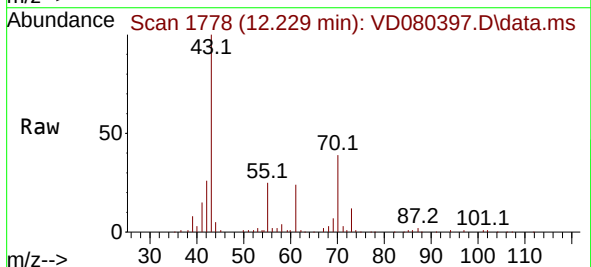
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

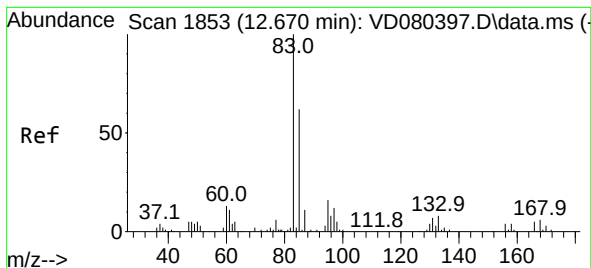
Tgt Ion:105 Resp: 305190
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#74
N-ethyl acetate
Concen: 50.036 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion: 43 Resp: 82610
Ion Ratio Lower Upper
43 100
70 41.7 33.4 50.0
55 24.9 19.9 29.9
61 23.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.566 ug/l

RT: 12.670 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VD080397.D

Acq: 30 May 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

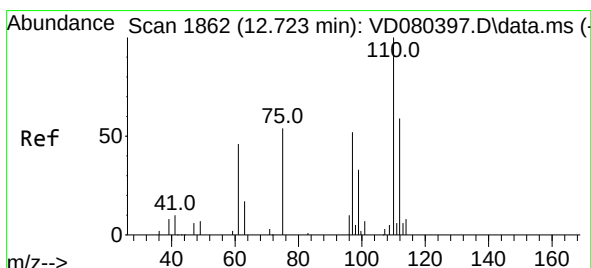
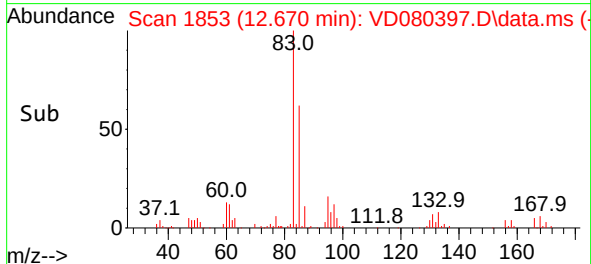
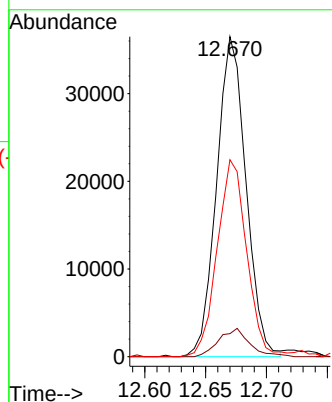
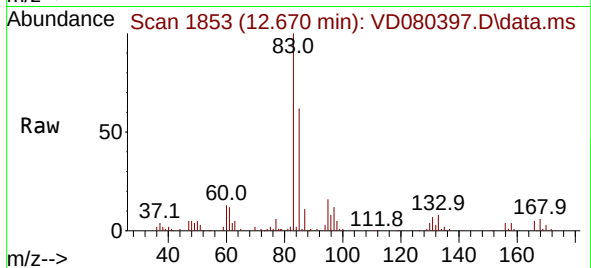
Tgt Ion: 83 Resp: 61208

Ion Ratio Lower Upper

83 100

131 9.2 4.6 13.8

85 61.8 30.9 92.7



#76

1,2,3-Trichloropropane

Concen: 85.008 ug/l

RT: 12.723 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VD080397.D

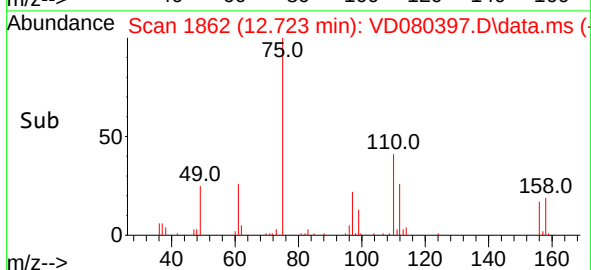
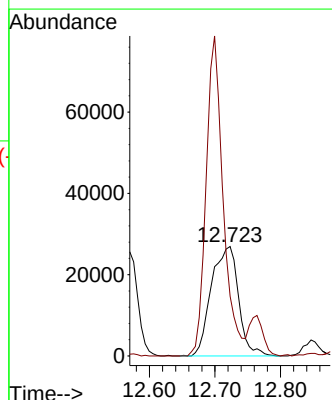
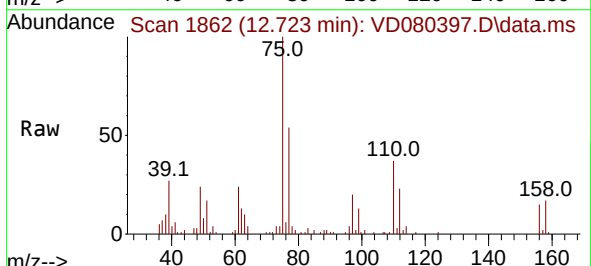
Acq: 30 May 2025 10:17

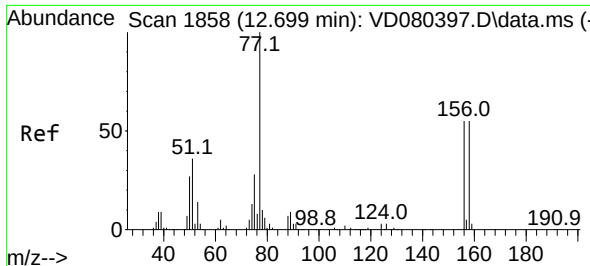
Tgt Ion: 75 Resp: 77443

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

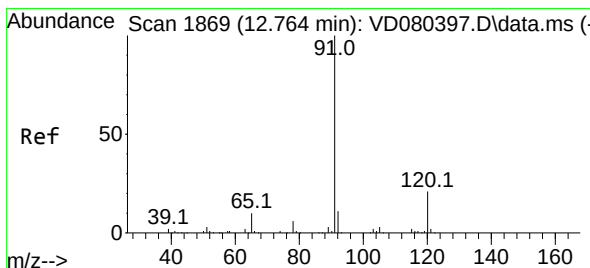
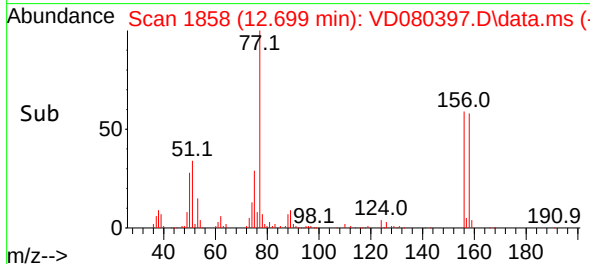
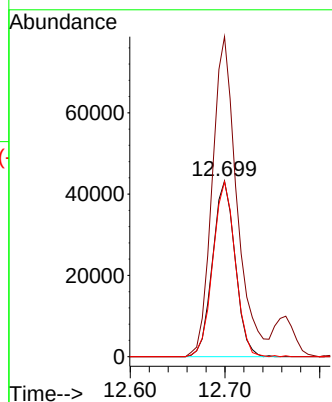
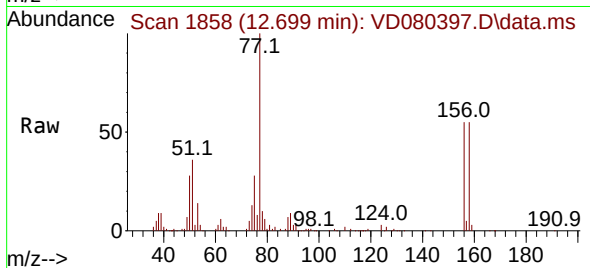




#77
 Bromobenzene
 Concen: 47.788 ug/l
 RT: 12.699 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: VD080397.D
 Acq: 30 May 2025 10:17

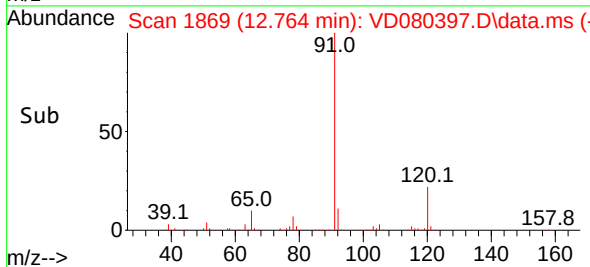
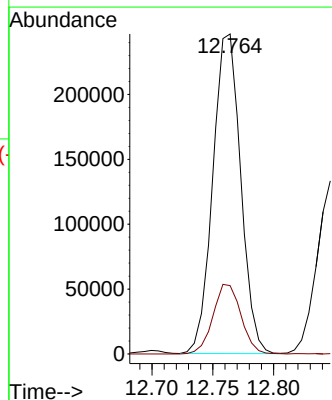
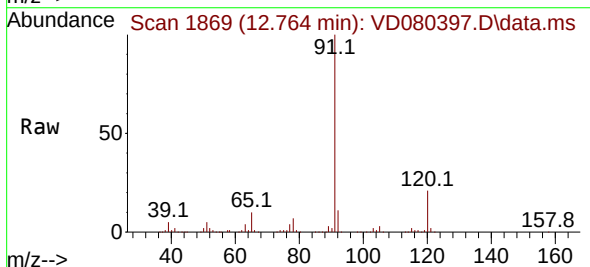
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

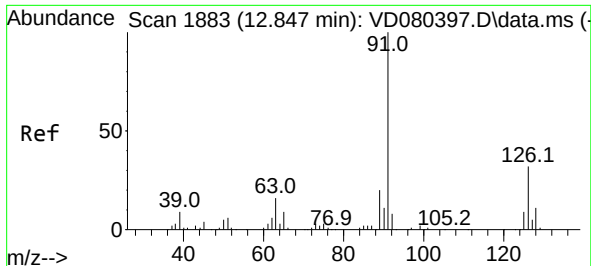
Tgt Ion:156 Resp: 71563
 Ion Ratio Lower Upper
 156 100
 77 199.9 100.0 299.9
 158 98.6 49.3 147.9



#78
 n-propylbenzene
 Concen: 51.883 ug/l
 RT: 12.764 min Scan# 1869
 Delta R.T. 0.000 min
 Lab File: VD080397.D
 Acq: 30 May 2025 10:17

Tgt Ion: 91 Resp: 392686
 Ion Ratio Lower Upper
 91 100
 120 21.9 10.9 32.9

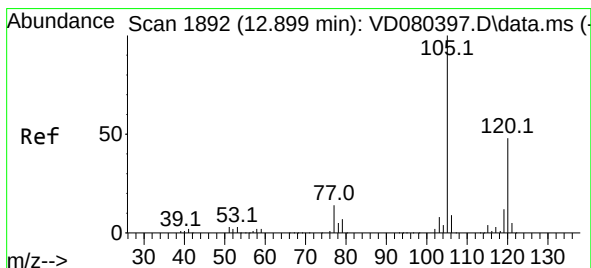
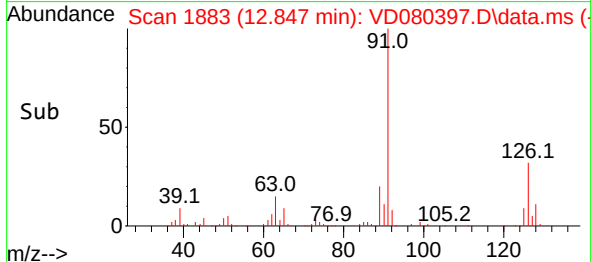
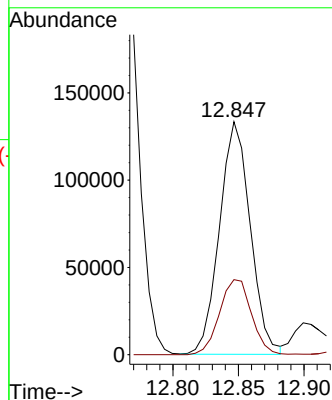
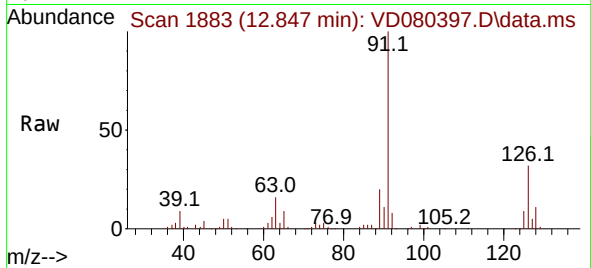




#79
2-Chlorotoluene
Concen: 50.104 ug/l
RT: 12.847 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

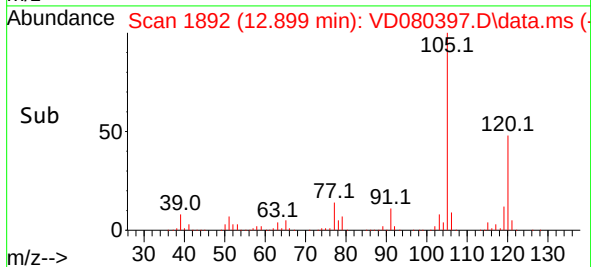
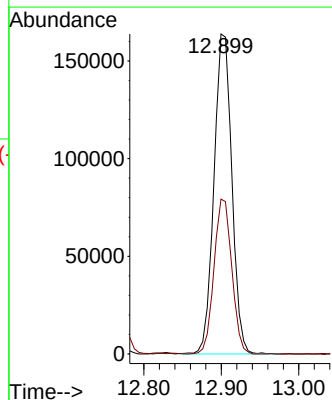
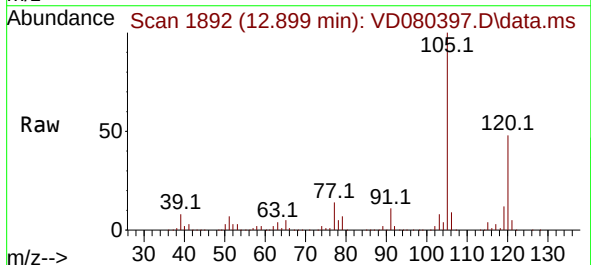
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

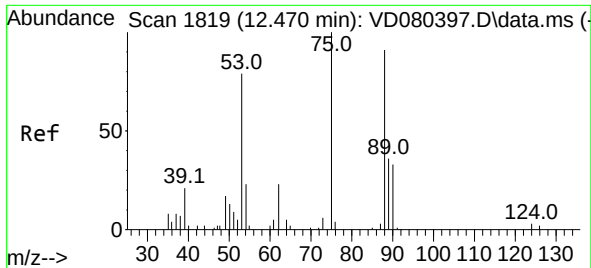
Tgt Ion: 91 Resp: 218420
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.1



#80
1,3,5-Trimethylbenzene
Concen: 51.650 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion: 105 Resp: 262438
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3

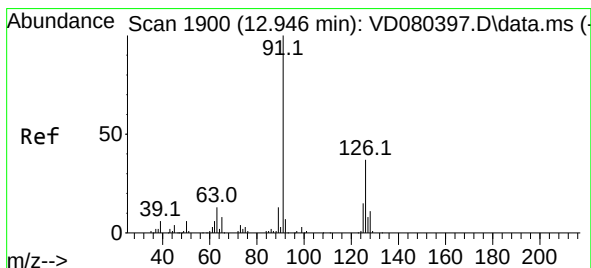
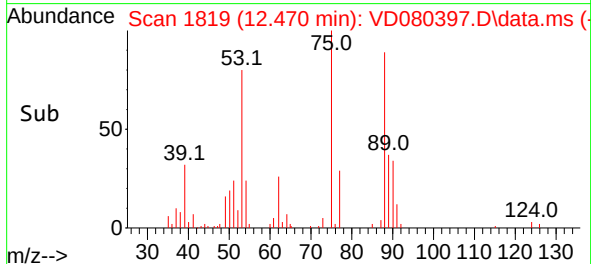
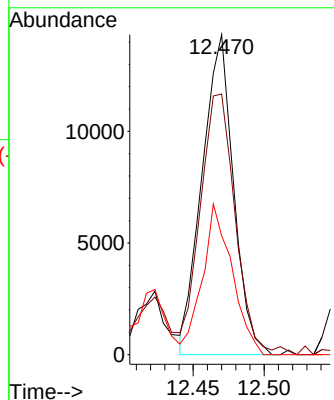
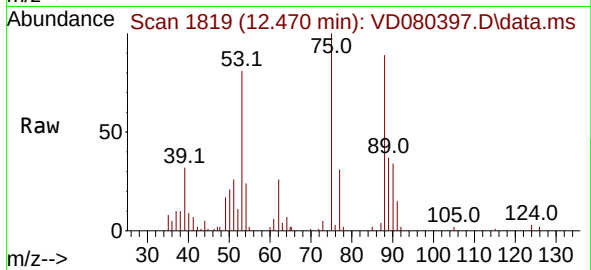




#81
trans-1,4-Dichloro-2-butene
Concen: 48.316 ug/l
RT: 12.470 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

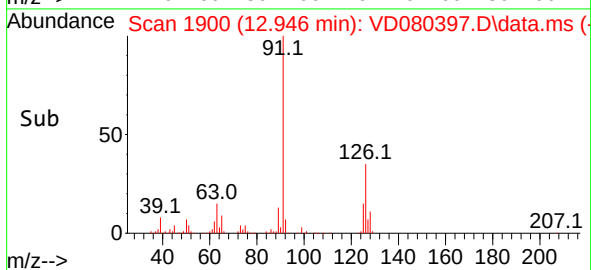
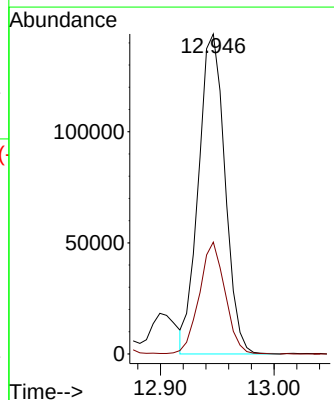
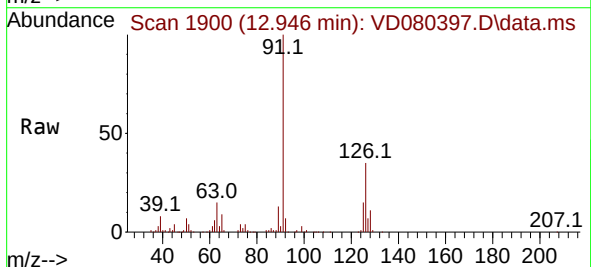
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

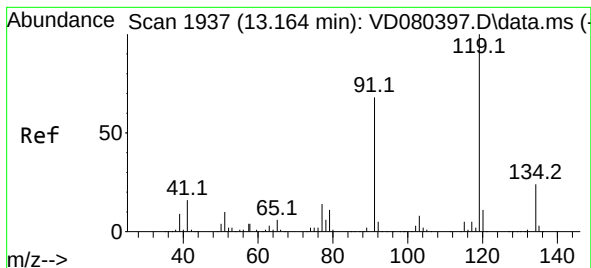
Tgt Ion: 75 Resp: 22030
Ion Ratio Lower Upper
75 100
53 90.4 72.3 108.5
89 44.6 35.7 53.5



#82
4-Chlorotoluene
Concen: 50.139 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion: 91 Resp: 233220
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0





#83

tert-Butylbenzene

Concen: 50.352 ug/l

RT: 13.164 min Scan# 1937

Delta R.T. 0.000 min

Lab File: VD080397.D

Acq: 30 May 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

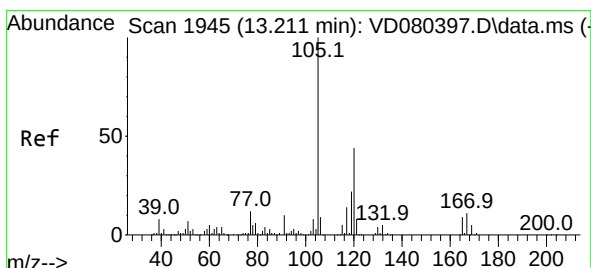
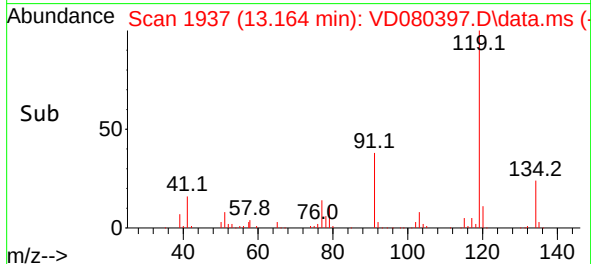
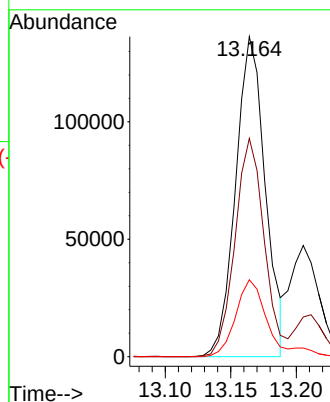
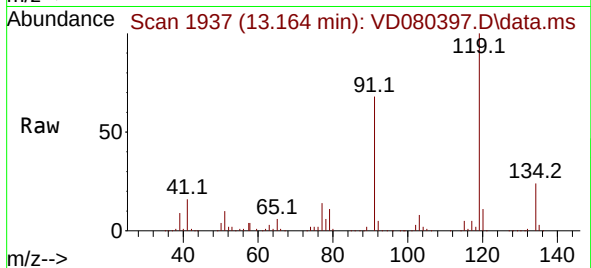
Tgt Ion:119 Resp: 215035

Ion Ratio Lower Upper

119 100

91 67.4 33.7 101.1

134 26.1 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 53.357 ug/l

RT: 13.211 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VD080397.D

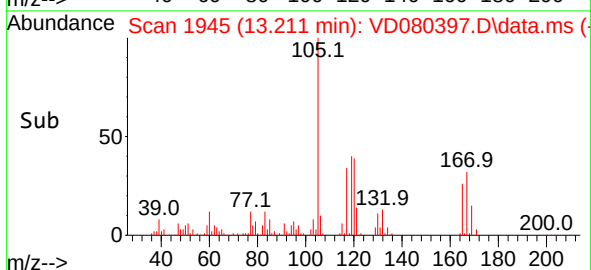
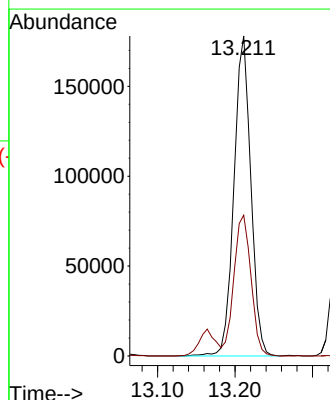
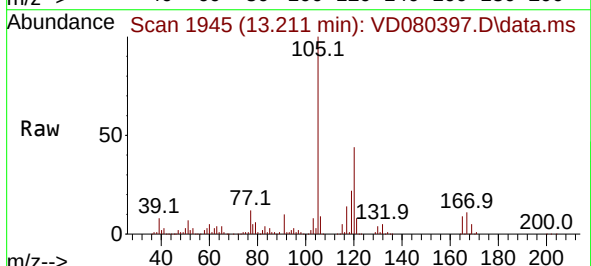
Acq: 30 May 2025 10:17

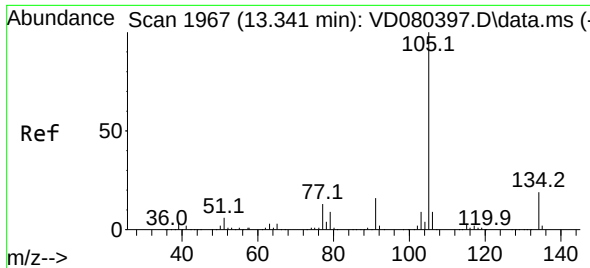
Tgt Ion:105 Resp: 269721

Ion Ratio Lower Upper

105 100

120 44.7 22.4 67.0

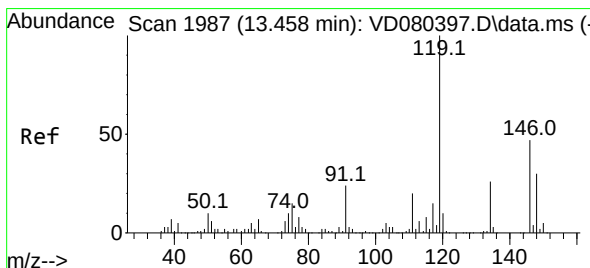
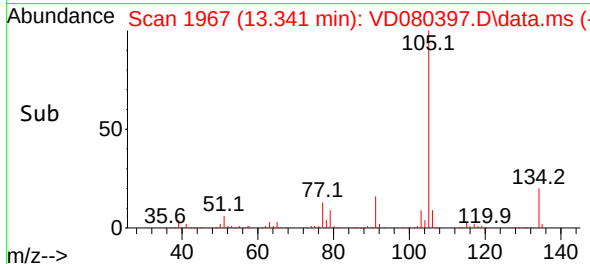
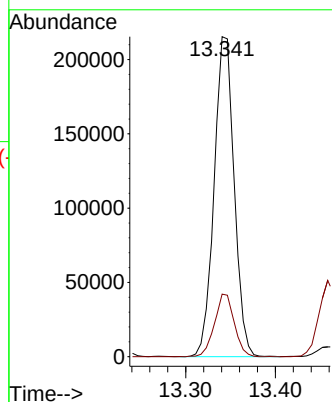
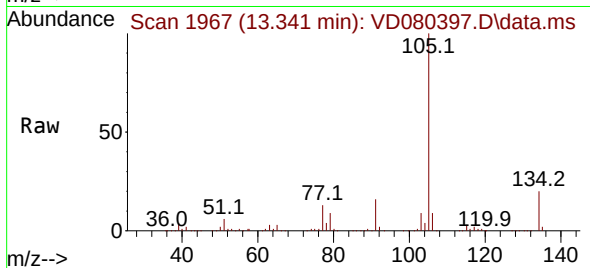




#85
 sec-Butylbenzene
 Concen: 51.925 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080397.D
 Acq: 30 May 2025 10:17

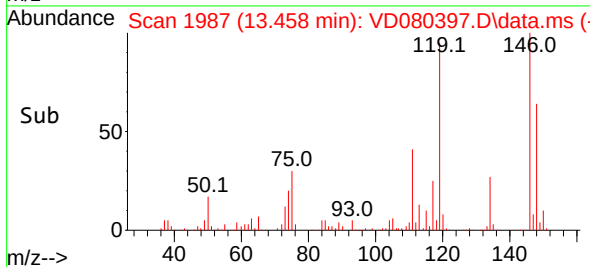
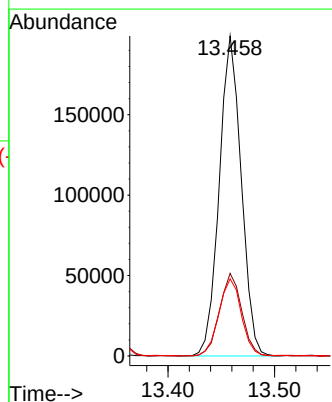
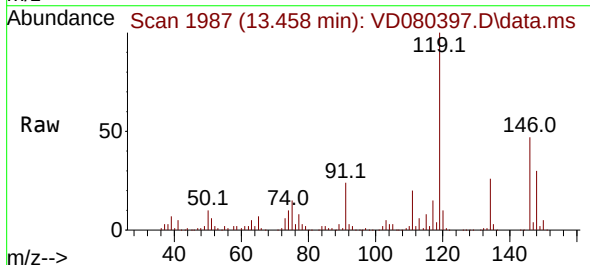
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

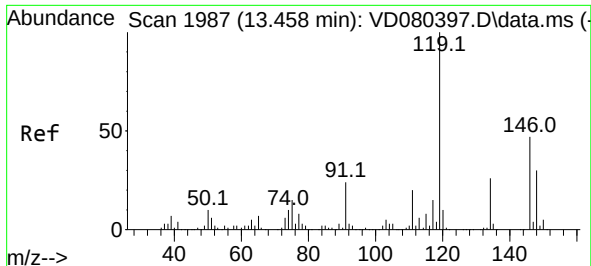
Tgt Ion:105 Resp: 334486
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 52.670 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080397.D
 Acq: 30 May 2025 10:17

Tgt Ion:119 Resp: 285118
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 24.7 12.4 37.0

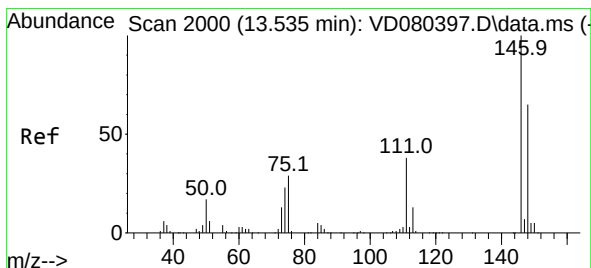
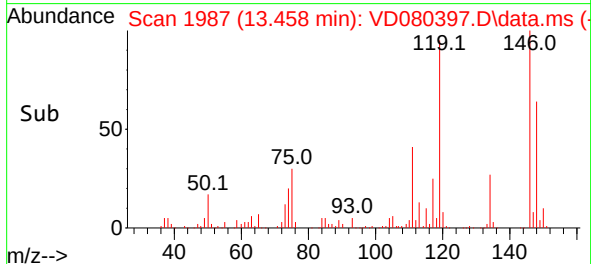
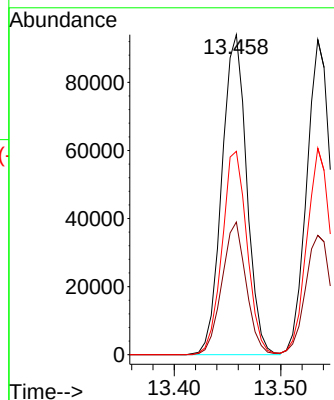
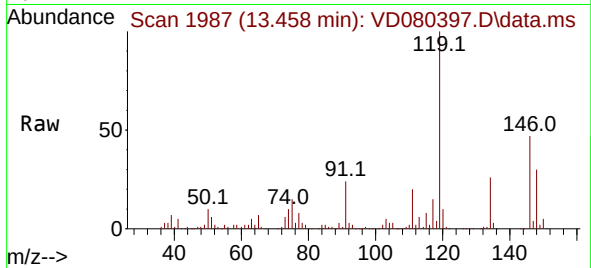




#87
 1,3-Dichlorobenzene
 Concen: 49.671 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080397.D
 Acq: 30 May 2025 10:17

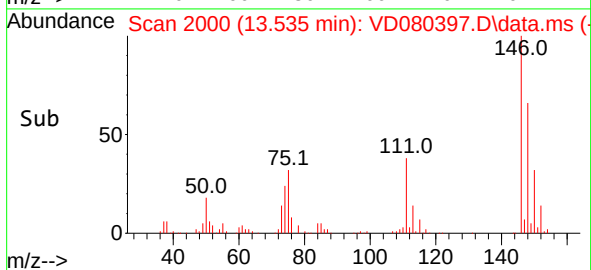
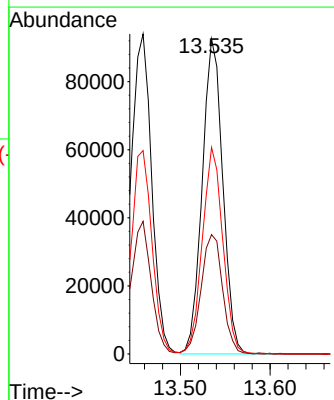
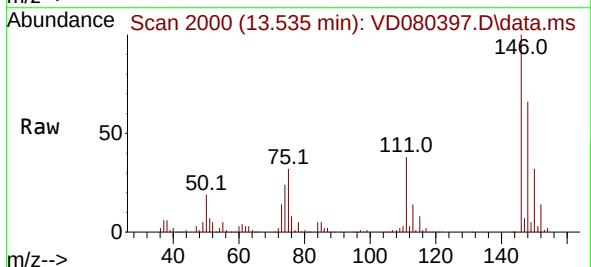
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

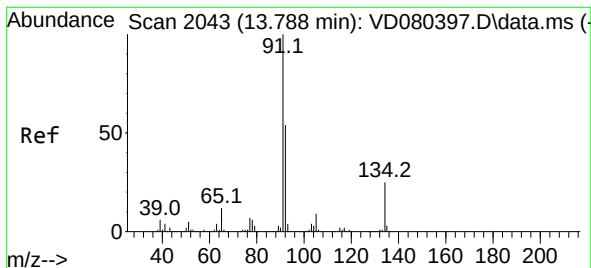
Tgt Ion:146 Resp: 152440
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.3 60.8
 148 63.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.019 ug/l
 RT: 13.535 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: VD080397.D
 Acq: 30 May 2025 10:17

Tgt Ion:146 Resp: 147310
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.9 59.6
 148 65.3 32.6 98.0





#89

n-Butylbenzene

Concen: 58.373 ug/l

RT: 13.788 min Scan# 2043

Delta R.T. 0.000 min

Lab File: VD080397.D

Acq: 30 May 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

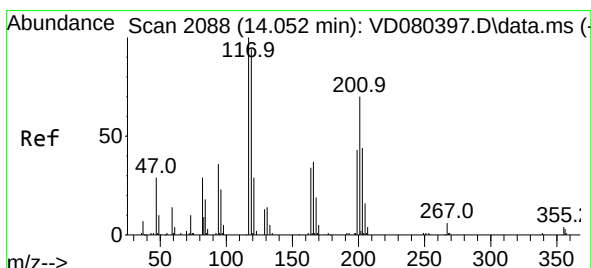
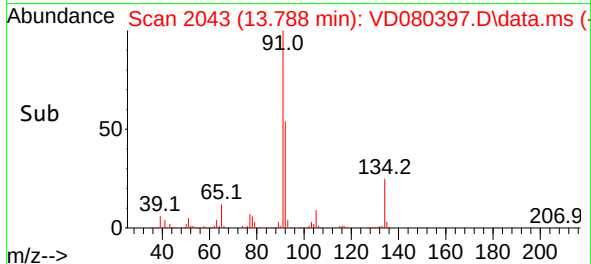
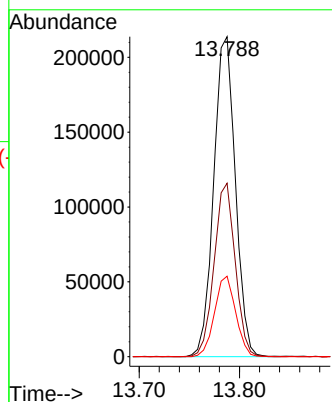
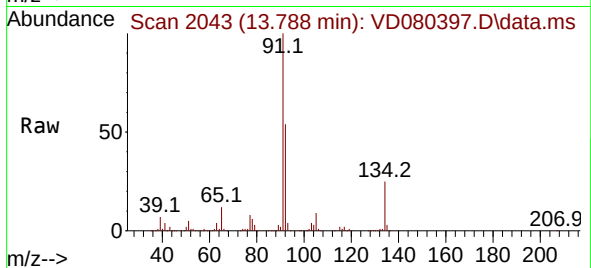
Tgt Ion: 91 Resp: 320278

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

134 24.6 12.3 36.9



#90

Hexachloroethane

Concen: 55.971 ug/l

RT: 14.052 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VD080397.D

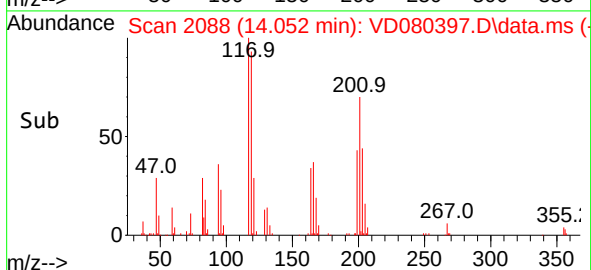
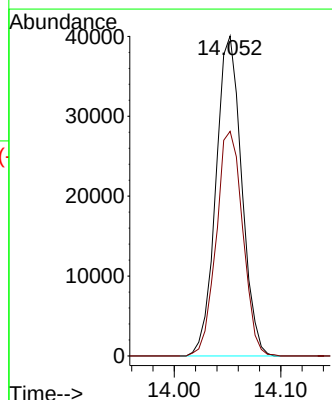
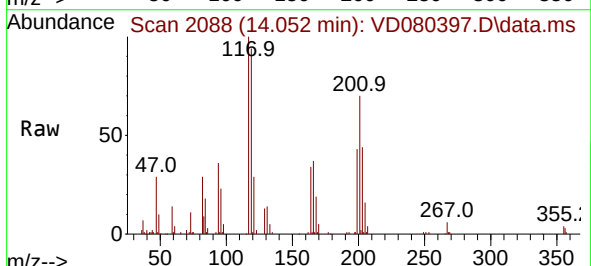
Acq: 30 May 2025 10:17

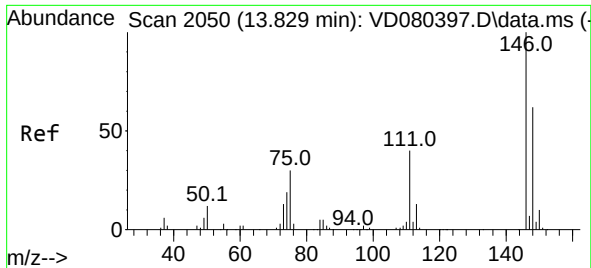
Tgt Ion: 117 Resp: 67194

Ion Ratio Lower Upper

117 100

201 72.2 36.1 108.3

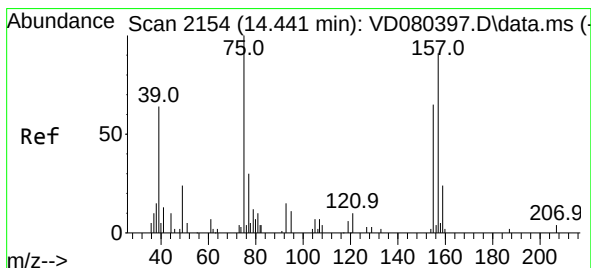
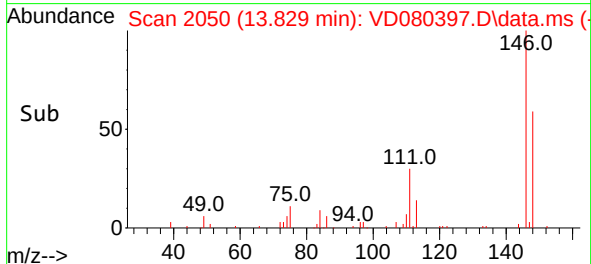
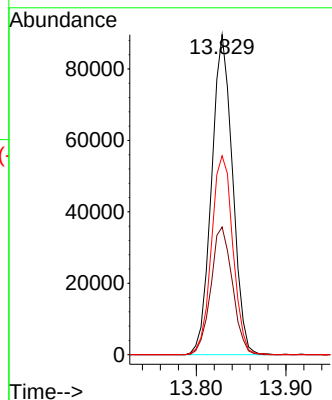
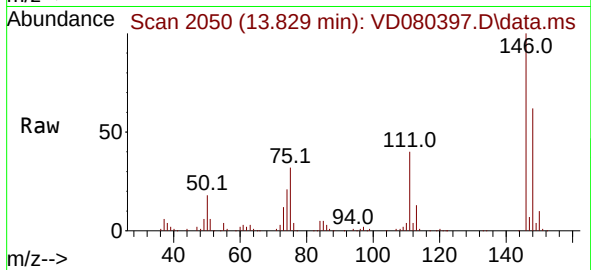




#91
1,2-Dichlorobenzene
Concen: 54.854 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

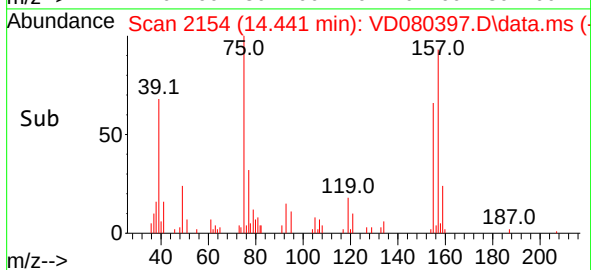
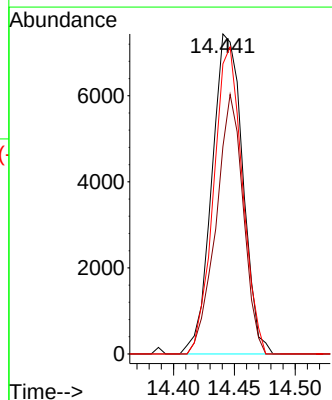
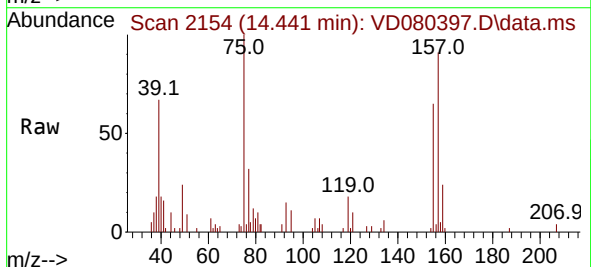
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

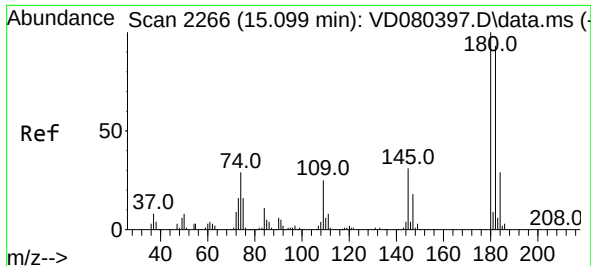
Tgt Ion:146 Resp: 145469
Ion Ratio Lower Upper
146 100
111 41.0 20.5 61.5
148 63.5 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 62.514 ug/l
RT: 14.441 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VD080397.D
Acq: 30 May 2025 10:17

Tgt Ion: 75 Resp: 13104
Ion Ratio Lower Upper
75 100
155 71.5 35.8 107.3
157 89.5 44.8 134.3





#93

1,2,4-Trichlorobenzene

Concen: 56.926 ug/l

RT: 15.099 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD080397.D

Acq: 30 May 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

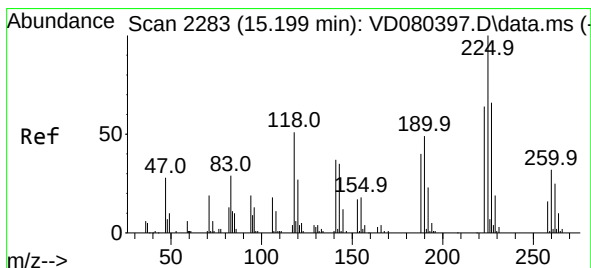
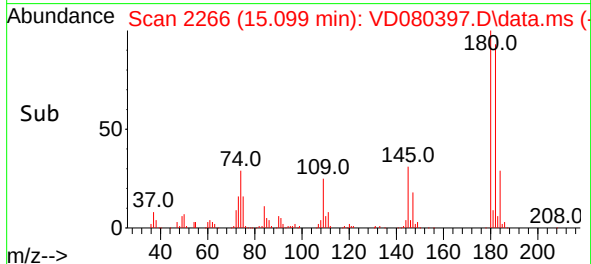
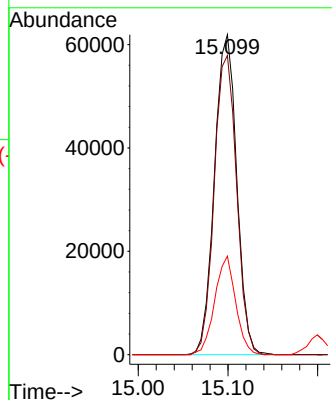
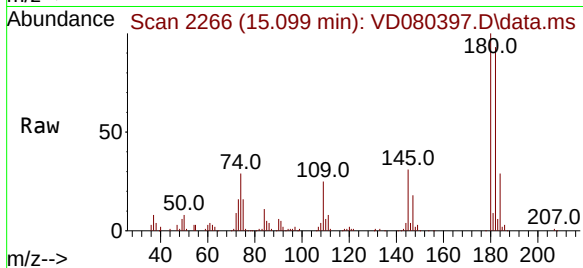
Tgt Ion:180 Resp: 106774

Ion Ratio Lower Upper

180 100

182 93.8 46.9 140.7

145 29.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 62.901 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. 0.000 min

Lab File: VD080397.D

Acq: 30 May 2025 10:17

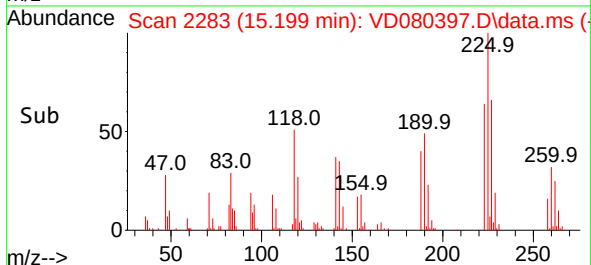
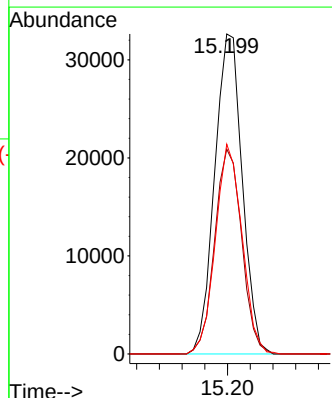
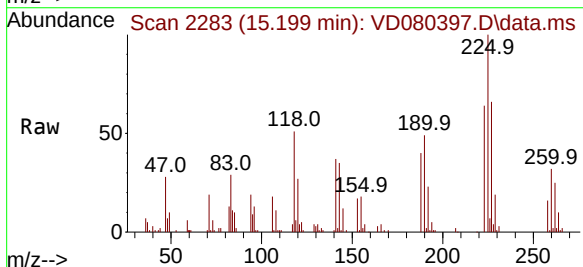
Tgt Ion:225 Resp: 55097

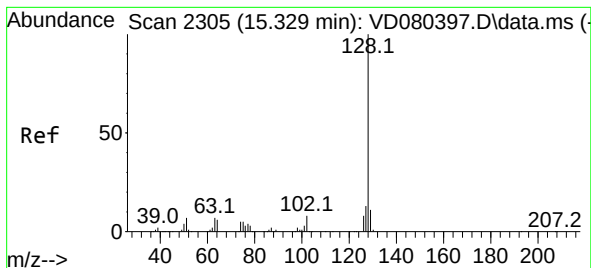
Ion Ratio Lower Upper

225 100

223 62.7 31.4 94.0

227 63.3 31.6 95.0





#95

Naphthalene

Concen: 54.864 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. -0.000 min

Lab File: VD080397.D

Acq: 30 May 2025 10:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

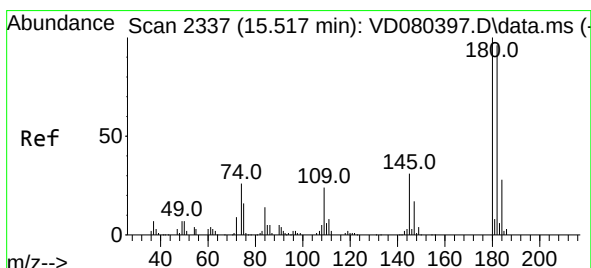
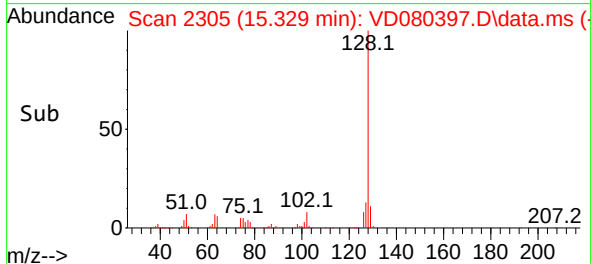
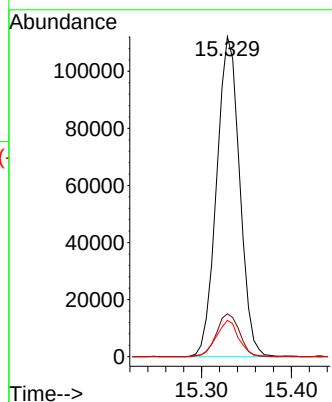
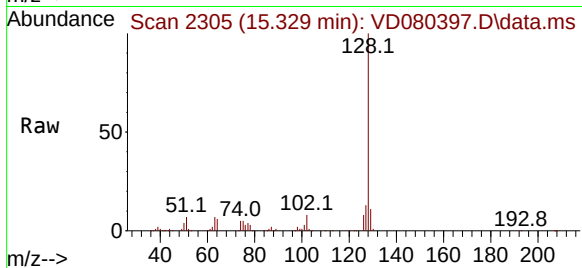
Tgt Ion:128 Resp: 199736

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 11.3 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 57.956 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD080397.D

Acq: 30 May 2025 10:17

Tgt Ion:180 Resp: 97112

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.2

145 30.9 15.4 46.4

