

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053025\
 Data File : VD080396.D
 Acq On : 30 May 2025 09:51
 Operator : RP/MD
 Sample : VSTDICC020
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: May 31 00:40:49 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	110027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	208042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	186573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	79709	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	30961	22.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	45.080%#
35) Dibromofluoromethane	7.806	113	24409	18.051	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	36.100%#
50) Toluene-d8	10.270	98	100177	18.413	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	36.820%#
62) 4-Bromofluorobenzene	12.570	95	32135	19.296	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	38.600%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.935	85	30365	24.102	ug/l	96
3) Chloromethane	2.153	50	49387	22.984	ug/l	91
4) Vinyl Chloride	2.288	62	54843	22.847	ug/l	98
5) Bromomethane	2.694	94	39881	23.388	ug/l	96
6) Chloroethane	2.841	64	37528	22.974	ug/l	99
7) Trichlorofluoromethane	3.176	101	51831	23.497	ug/l	95
8) Diethyl Ether	3.594	74	14531	22.346	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.970	101	30026	22.488	ug/l	97
10) Methyl Iodide	4.165	142	29221	22.203	ug/l	97
11) Tert butyl alcohol	5.053	59	8378	105.734	ug/l #	84
12) 1,1-Dichloroethene	3.947	96	28774	22.587	ug/l	87
13) Acrolein	3.800	56	15116	110.328	ug/l	99
14) Allyl chloride	4.565	41	46003	21.912	ug/l	98
15) Acrylonitrile	5.259	53	33209	104.142	ug/l	98
16) Acetone	4.017	43	29452	114.468	ug/l	98
17) Carbon Disulfide	4.276	76	104579	22.829	ug/l	97
18) Methyl Acetate	4.570	43	19460	21.884	ug/l	100
19) Methyl tert-butyl Ether	5.323	73	56491	19.981	ug/l	92
20) Methylene Chloride	4.806	84	37214	21.073	ug/l	99
21) trans-1,2-Dichloroethene	5.317	96	29602	21.251	ug/l	94
22) Diisopropyl ether	6.217	45	92545	21.562	ug/l	98
23) Vinyl Acetate	6.164	43	252073	102.879	ug/l	99
24) 1,1-Dichloroethane	6.117	63	58038	21.732	ug/l	97
25) 2-Butanone	7.088	43	39003	101.231	ug/l	99
26) 2,2-Dichloropropane	7.082	77	45271	21.274	ug/l	98
27) cis-1,2-Dichloroethene	7.082	96	32785	20.555	ug/l	98
28) Bromochloromethane	7.423	49	26935	21.493	ug/l	99
29) Tetrahydrofuran	7.447	42	27281	105.280	ug/l	99
30) Chloroform	7.600	83	57589	21.301	ug/l	98
31) Cyclohexane	7.882	56	49163	20.586	ug/l	95
32) 1,1,1-Trichloroethane	7.800	97	47286	20.892	ug/l	99
36) 1,1-Dichloropropene	8.011	75	40056	19.273	ug/l	99
37) Ethyl Acetate	7.164	43	16971	16.672	ug/l #	92
38) Carbon Tetrachloride	7.994	117	40073	19.031	ug/l	95
39) Methylcyclohexane	9.276	83	43717	18.547	ug/l	98
40) Benzene	8.253	78	132196	21.055	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.406	41	10459	18.219	ug/l #	65
42) 1,2-Dichloroethane	8.329	62	37322	20.779	ug/l	99
43) Isopropyl Acetate	8.364	43	38051	20.211	ug/l	100
44) Trichloroethene	9.029	130	29938	20.331	ug/l	90
45) 1,2-Dichloropropane	9.305	63	31225	19.384	ug/l	99
46) Dibromomethane	9.400	93	16512	18.932	ug/l	97
47) Bromodichloromethane	9.582	83	42299	19.156	ug/l	96
48) Methyl methacrylate	9.382	41	16550	18.065	ug/l	92
49) 1,4-Dioxane	9.388	88	3896	420.357	ug/l	94
51) 4-Methyl-2-Pentanone	10.158	43	100778	101.430	ug/l	98
52) Toluene	10.335	92	73087	19.189	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	37825	18.570	ug/l	92
54) cis-1,3-Dichloropropene	10.017	75	43029	18.445	ug/l	99
55) 1,1,2-Trichloroethane	10.735	97	23161	19.858	ug/l	93
56) Ethyl methacrylate	10.600	69	24039	17.376	ug/l	99
57) 1,3-Dichloropropane	10.876	76	41434	20.791	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.870	63	53483	89.972	ug/l	100
59) 2-Hexanone	10.923	43	66032	98.212	ug/l	99
60) Dibromochloromethane	11.076	129	30409	21.378	ug/l	100
61) 1,2-Dibromoethane	11.176	107	21187	20.255	ug/l	93
64) Tetrachloroethene	10.805	164	26283	20.907	ug/l	94
65) Chlorobenzene	11.605	112	84327	20.620	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.682	131	27455	19.914	ug/l	98
67) Ethyl Benzene	11.682	91	130121	18.852	ug/l	99
68) m/p-Xylenes	11.794	106	102393	37.879	ug/l	100
69) o-Xylene	12.117	106	47650	18.935	ug/l	99
70) Styrene	12.135	104	86186	19.425	ug/l	99
71) Bromoform	12.299	173	14926	19.573	ug/l #	97
73) Isopropylbenzene	12.417	105	132145	24.123	ug/l	100
74) N-amyl acetate	12.235	43	34596	23.286	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.670	83	28119	24.284	ug/l	95
76) 1,2,3-Trichloropropane	12.723	75	35383	43.162	ug/l #	100
77) Bromobenzene	12.699	156	32892	24.409	ug/l	94
78) n-propylbenzene	12.764	91	167255	24.557	ug/l	100
79) 2-Chlorotoluene	12.846	91	95621	24.376	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	109341	23.914	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.464	75	10056	24.509	ug/l	97
82) 4-Chlorotoluene	12.946	91	100301	23.963	ug/l	100
83) tert-Butylbenzene	13.164	119	85246	22.182	ug/l	99
84) 1,2,4-Trimethylbenzene	13.205	105	98047	21.554	ug/l	100
85) sec-Butylbenzene	13.346	105	115036	19.845	ug/l	99
86) p-Isopropyltoluene	13.458	119	93352	19.164	ug/l	100
87) 1,3-Dichlorobenzene	13.458	146	56393	20.420	ug/l	96
88) 1,4-Dichlorobenzene	13.535	146	56193	20.356	ug/l	98
89) n-Butylbenzene	13.788	91	93277	18.892	ug/l	99
90) Hexachloroethane	14.052	117	22112	20.468	ug/l	95
91) 1,2-Dichlorobenzene	13.829	146	47382	19.855	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.446	75	4155	22.028	ug/l	84
93) 1,2,4-Trichlorobenzene	15.099	180	26998	17.980	ug/l	97
94) Hexachlorobutadiene	15.199	225	14651	18.588	ug/l	97
95) Naphthalene	15.329	128	50044	18.298	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.523	180	24649	18.046	ug/l	97

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Response via : Initial Calibration

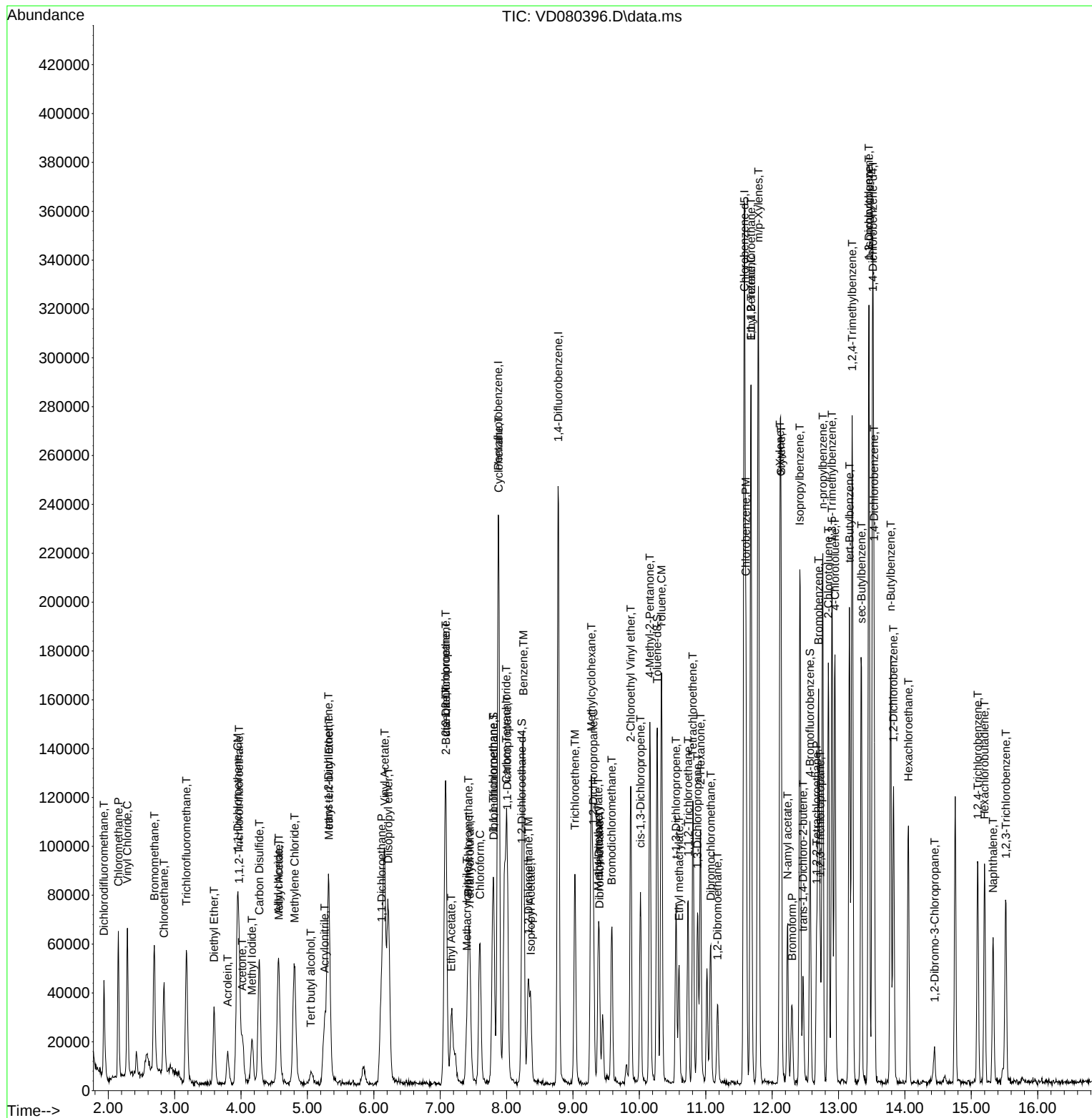
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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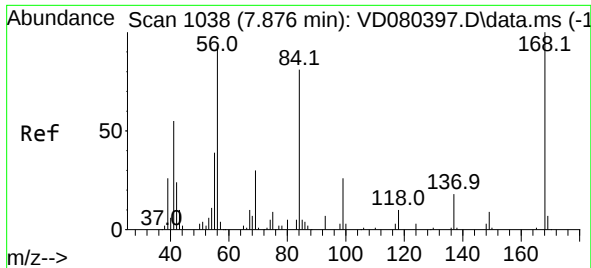
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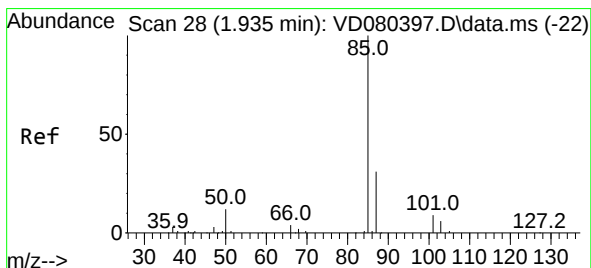
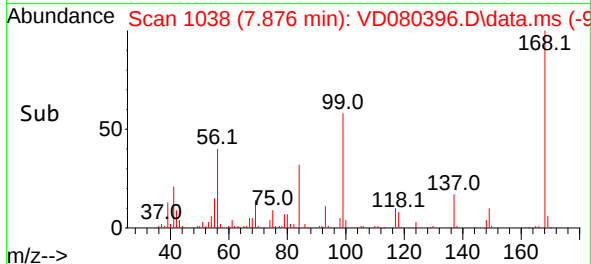
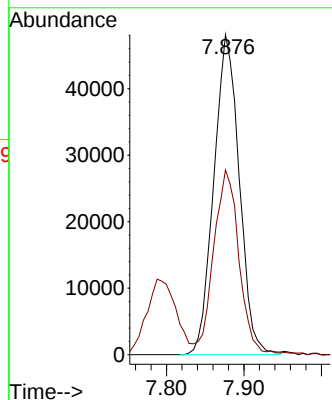
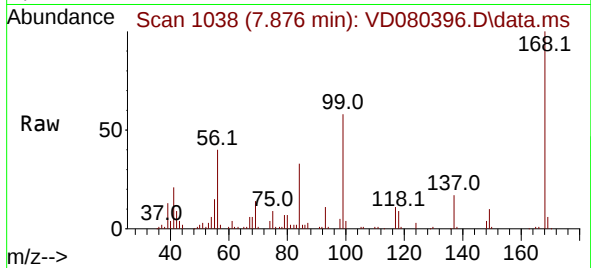




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080396.D
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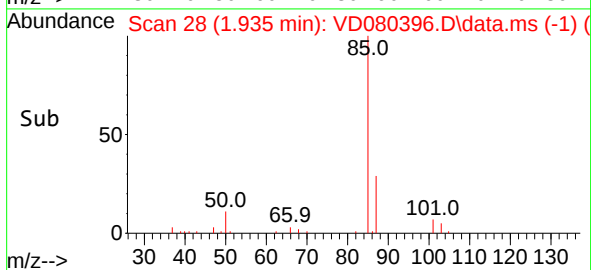
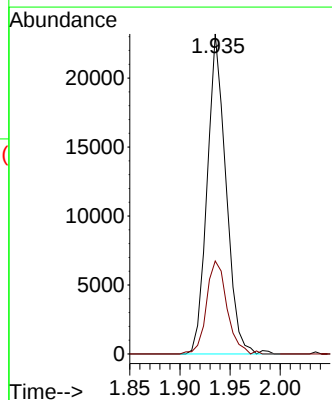
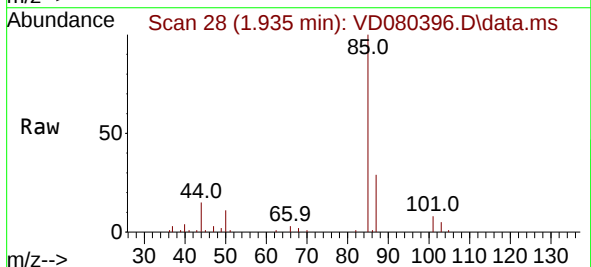
Instrument :
MSVOA_D
ClientSampleId :
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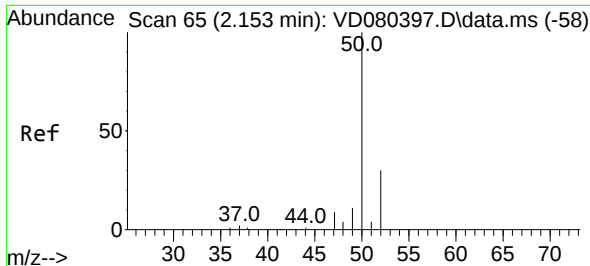
Tgt Ion:168 Resp: 110027
Ion Ratio Lower Upper
168 100
99 57.2 47.5 71.3



#2
Dichlorodifluoromethane
Concen: 24.102 ug/l
RT: 1.935 min Scan# 28
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion: 85 Resp: 30365
Ion Ratio Lower Upper
85 100
87 29.1 15.6 46.7

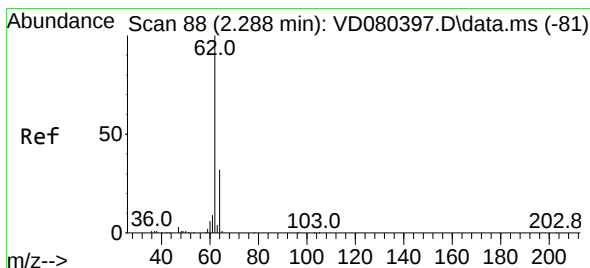
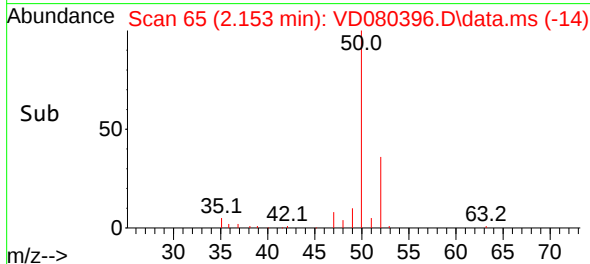
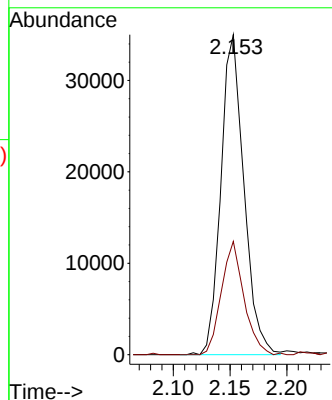
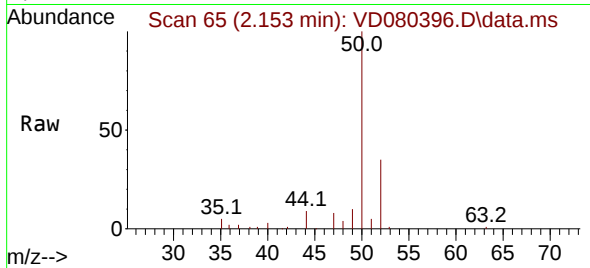




#3
Chloromethane
Concen: 22.984 ug/l
RT: 2.153 min Scan# 65
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

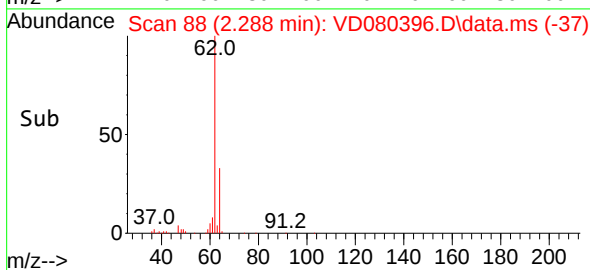
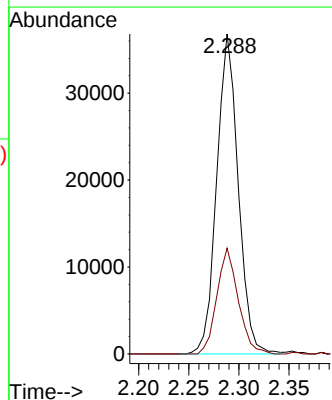
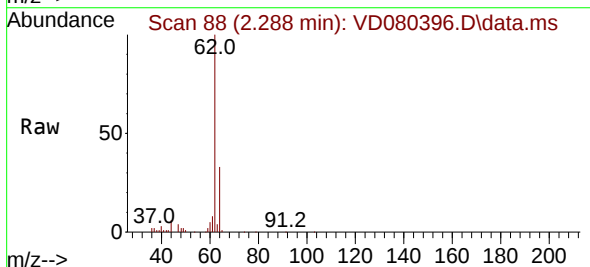
Instrument :
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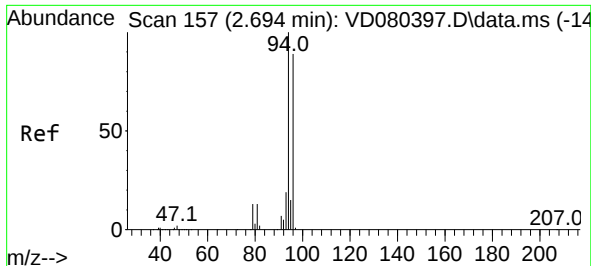
Tgt Ion: 50 Resp: 49387
Ion Ratio Lower Upper
50 100
52 35.4 24.4 36.6



#4
Vinyl Chloride
Concen: 22.847 ug/l
RT: 2.288 min Scan# 88
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion: 62 Resp: 54843
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.0

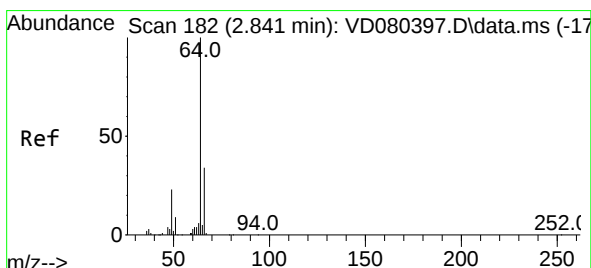
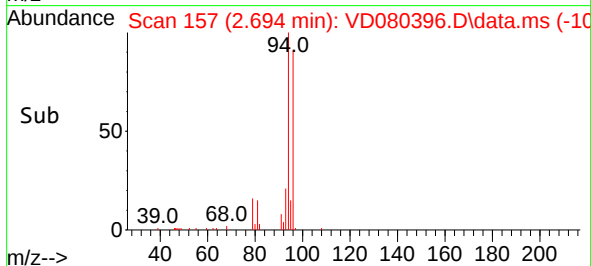
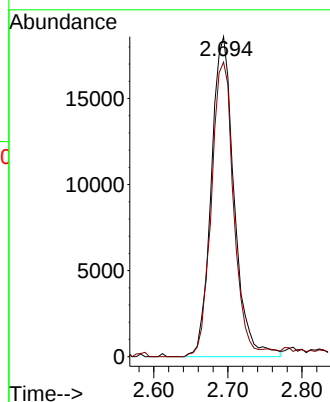
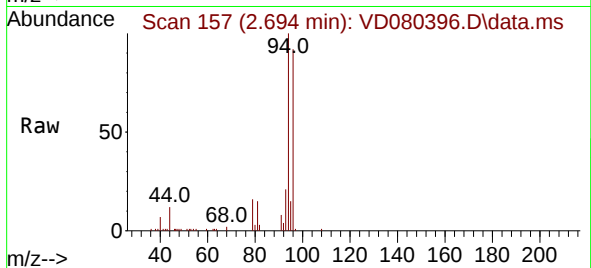




#5
Bromomethane
Concen: 23.388 ug/l
RT: 2.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080396.D
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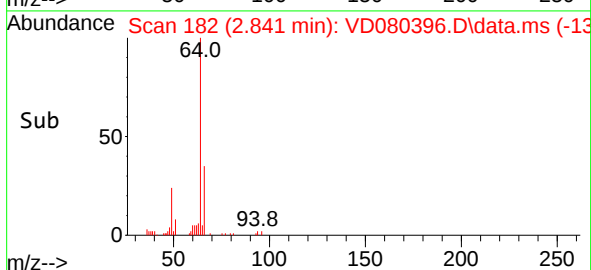
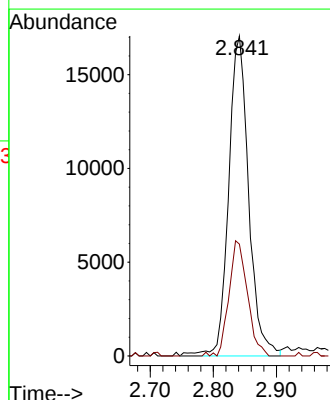
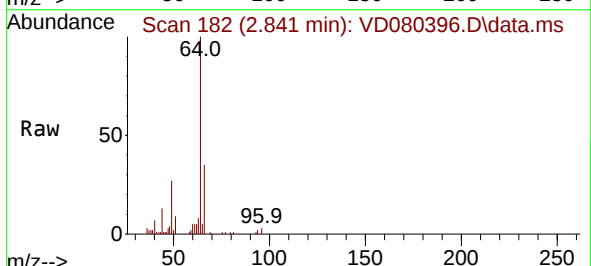
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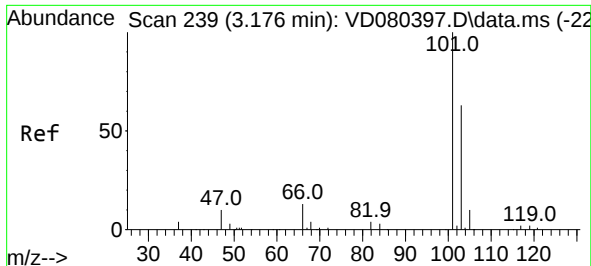
Tgt Ion: 94 Resp: 39881
Ion Ratio Lower Upper
94 100
96 89.5 74.7 112.1



#6
Chloroethane
Concen: 22.974 ug/l
RT: 2.841 min Scan# 182
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion: 64 Resp: 37528
Ion Ratio Lower Upper
64 100
66 34.9 27.3 40.9

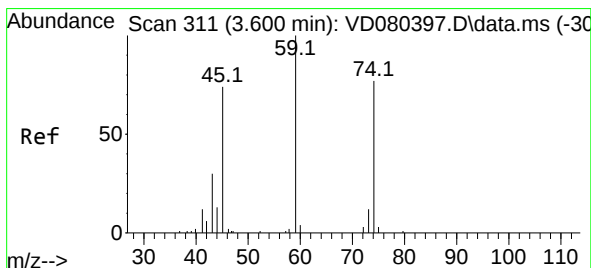
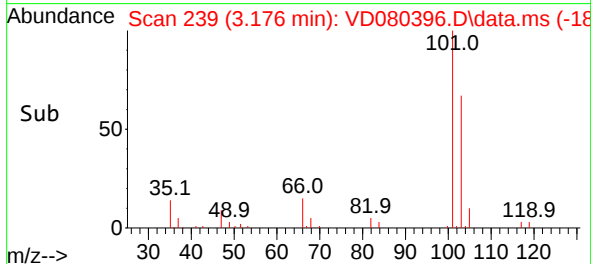
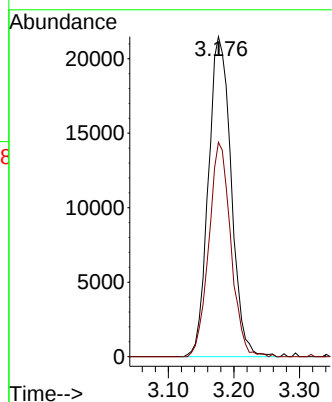
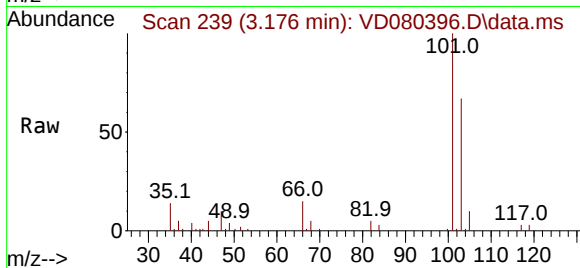




#7
 Trichlorofluoromethane
 Concen: 23.497 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD080396.D
 Acq: 30 May 2025 09:51

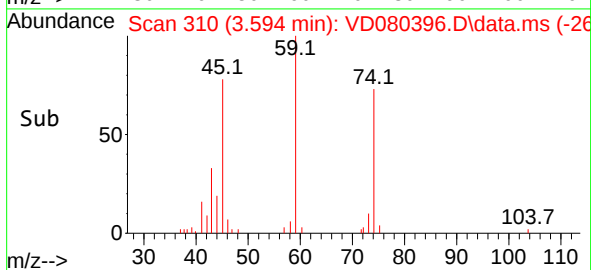
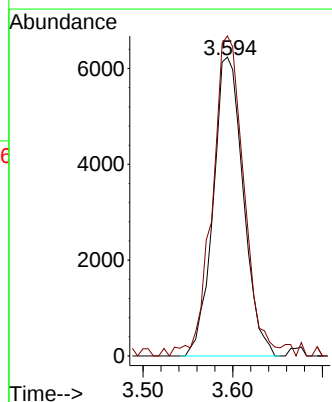
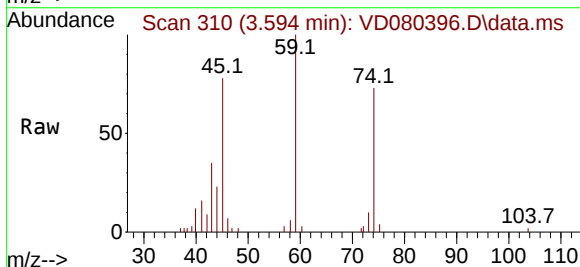
Instrument :
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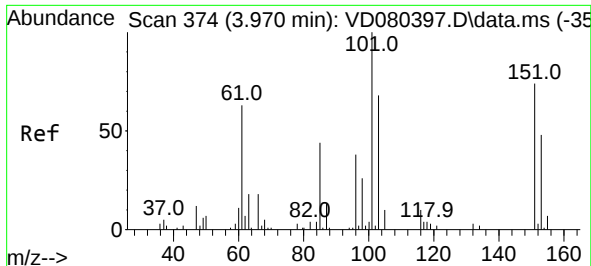
Tgt Ion:101 Resp: 51831
 Ion Ratio Lower Upper
 101 100
 103 67.0 50.7 76.1



#8
 Diethyl Ether
 Concen: 22.346 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VD080396.D
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Tgt Ion: 74 Resp: 14531
 Ion Ratio Lower Upper
 74 100
 45 112.3 52.1 156.4

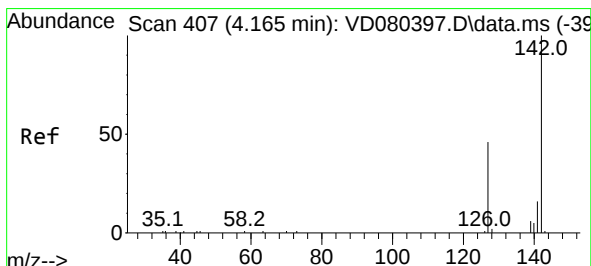
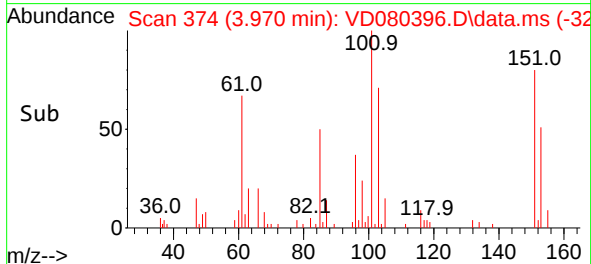
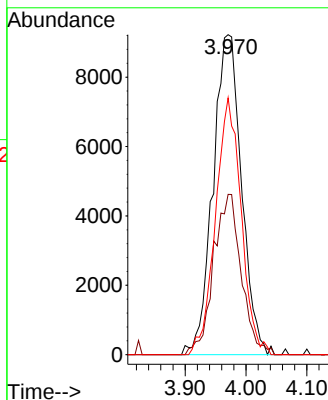
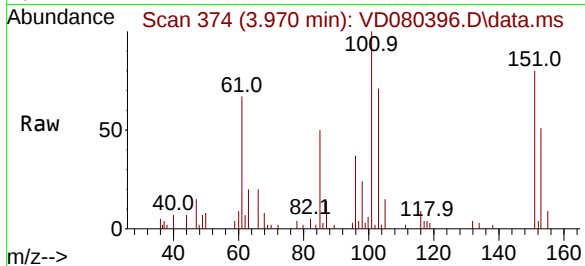




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.488 ug/l
RT: 3.970 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

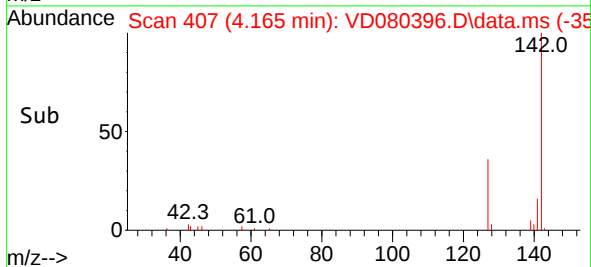
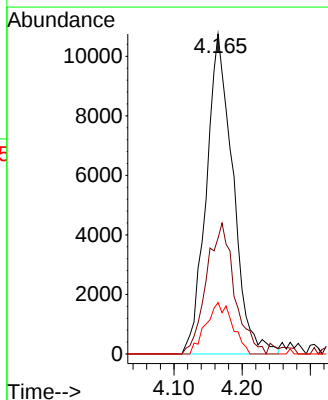
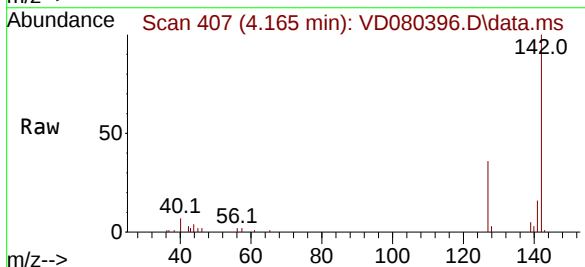
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

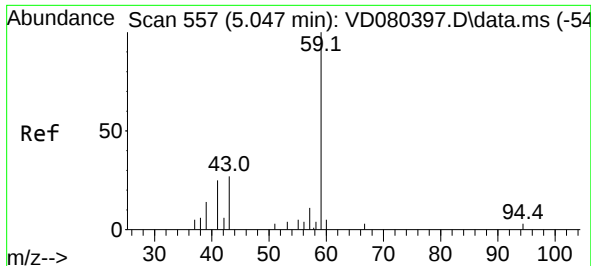
Tgt Ion:101 Resp: 30026
Ion Ratio Lower Upper
101 100
85 48.8 35.9 53.9
151 72.4 57.6 86.4



#10
Methyl Iodide
Concen: 22.203 ug/l
RT: 4.165 min Scan# 407
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion:142 Resp: 29221
Ion Ratio Lower Upper
142 100
127 43.0 36.4 54.6
141 16.1 12.1 18.1

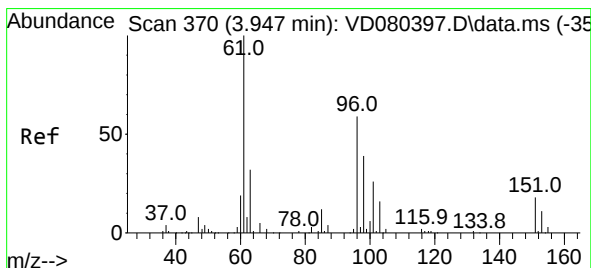
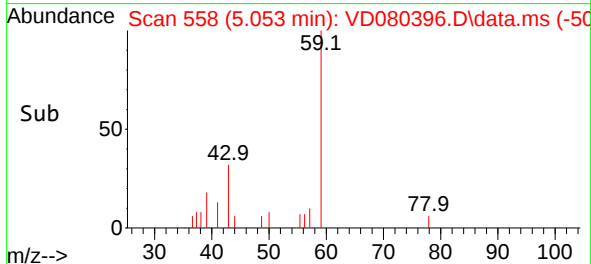
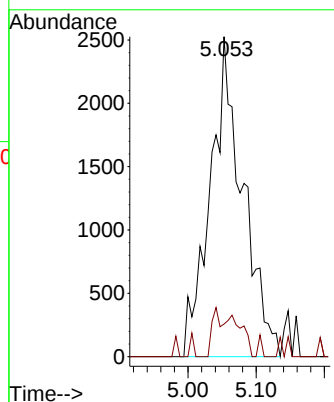
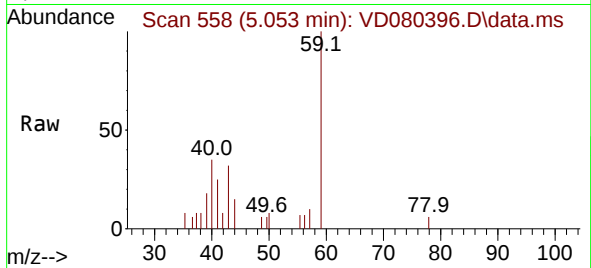




#11
Tert butyl alcohol
Concen: 105.734 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

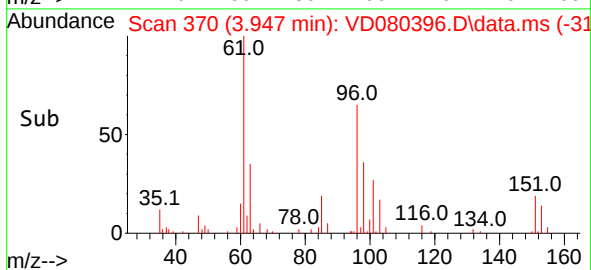
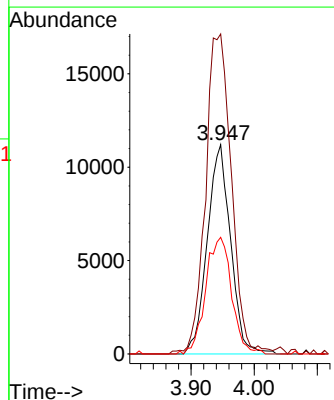
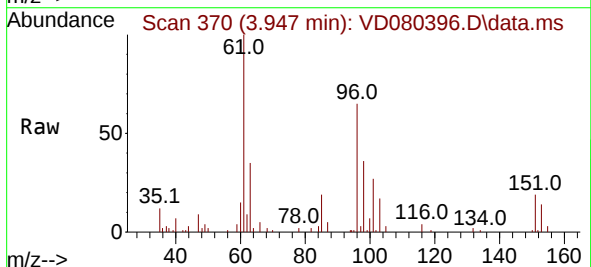
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

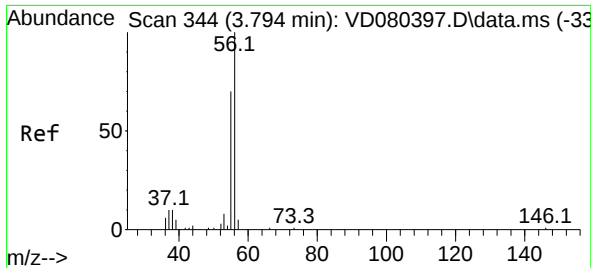
Tgt Ion: 59 Resp: 8378
Ion Ratio Lower Upper
59 100
57 4.9 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 22.587 ug/l
RT: 3.947 min Scan# 370
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion: 96 Resp: 28774
Ion Ratio Lower Upper
96 100
61 151.1 135.7 203.5
98 55.7 52.5 78.7





#13

Acrolein

Concen: 110.328 ug/l

RT: 3.800 min Scan# 344

Delta R.T. 0.006 min

Lab File: VD080396.D

Acq: 30 May 2025 09:51

Instrument :

MSVOA_D

ClientSampleId :

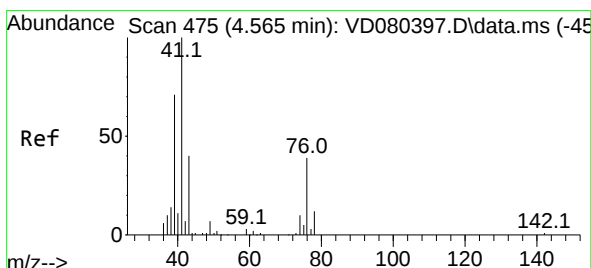
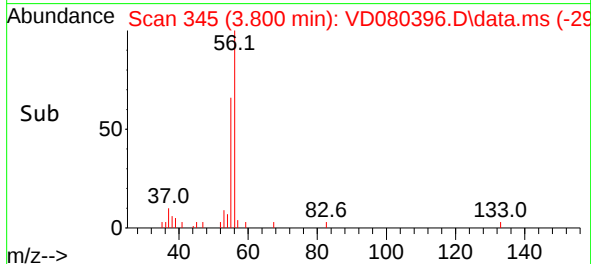
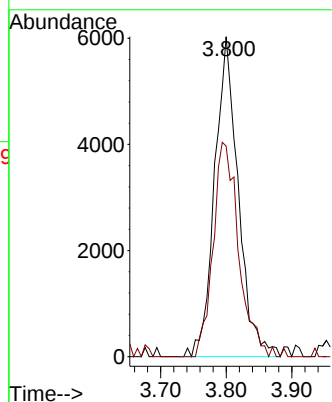
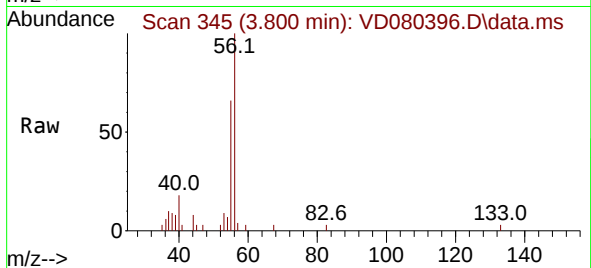
VSTDICC020

Tgt Ion: 56 Resp: 15116

Ion Ratio Lower Upper

56 100

55 72.1 57.1 85.7



#14

Allyl chloride

Concen: 21.912 ug/l

RT: 4.565 min Scan# 475

Delta R.T. -0.000 min

Lab File: VD080396.D

Acq: 30 May 2025 09:51

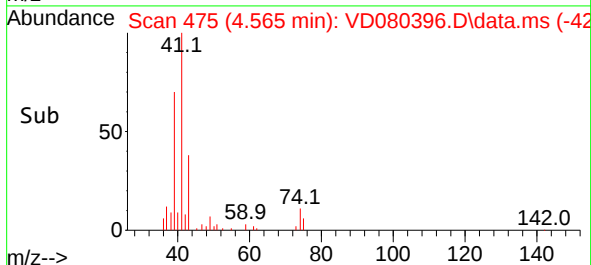
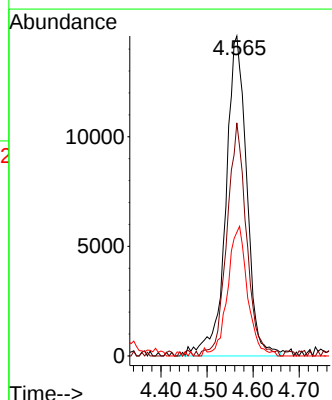
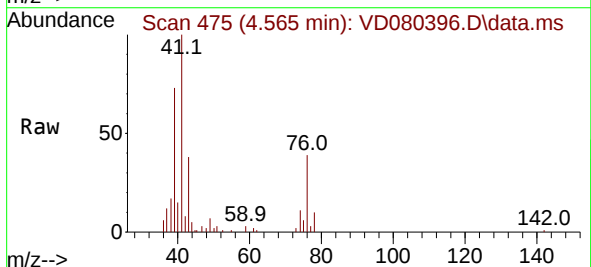
Tgt Ion: 41 Resp: 46003

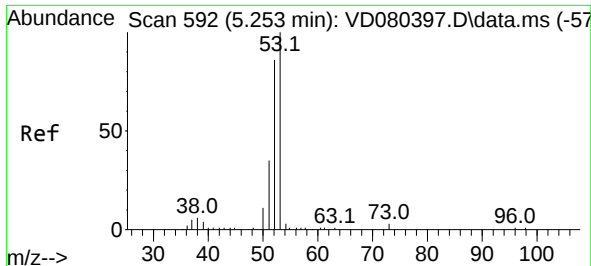
Ion Ratio Lower Upper

41 100

39 68.2 53.3 79.9

76 38.1 29.4 44.2

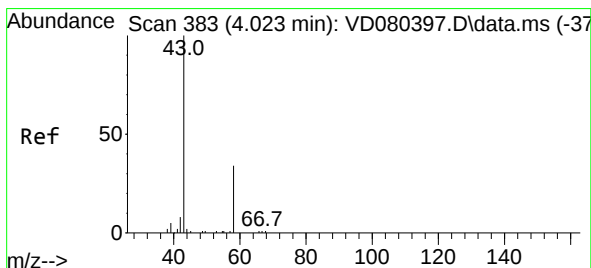
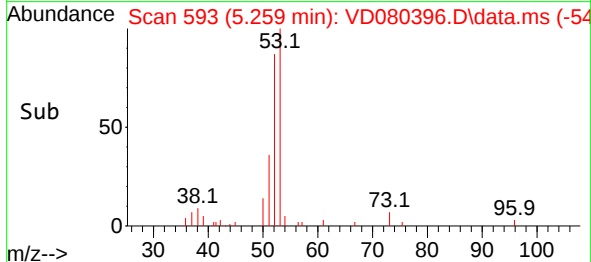
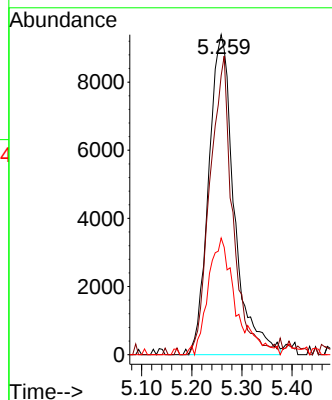
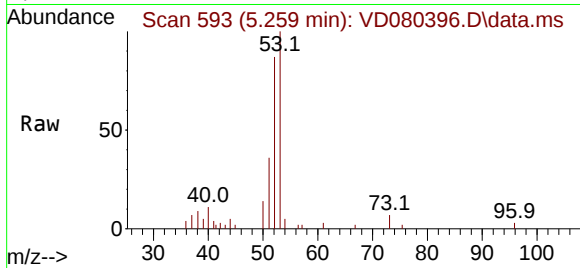




#15
Acrylonitrile
Concen: 104.142 ug/l
RT: 5.259 min Scan# 592
Delta R.T. 0.006 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

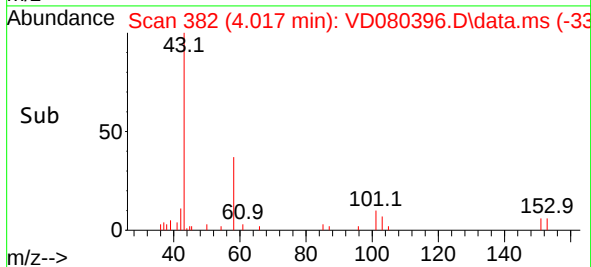
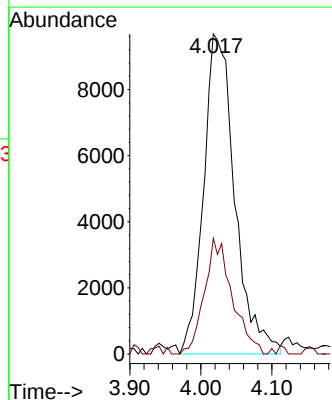
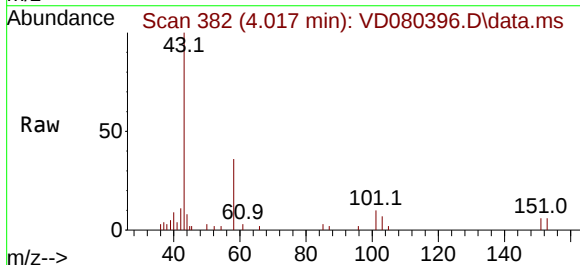
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

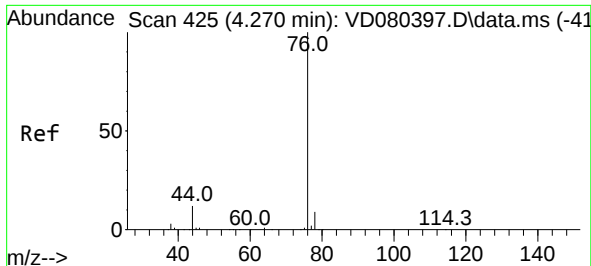
Tgt Ion:	53	Resp:	33209
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.6	98.4
51	34.8	30.5	45.7



#16
Acetone
Concen: 114.468 ug/l
RT: 4.017 min Scan# 382
Delta R.T. -0.006 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion:	43	Resp:	29452
Ion	Ratio	Lower	Upper
43	100		
58	36.1	28.0	42.0

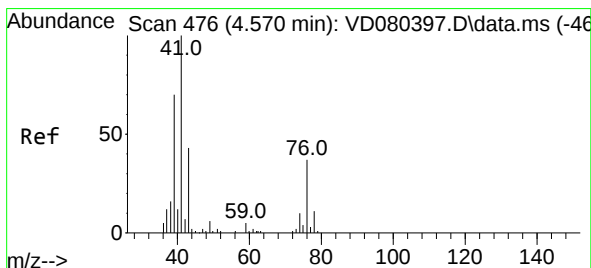
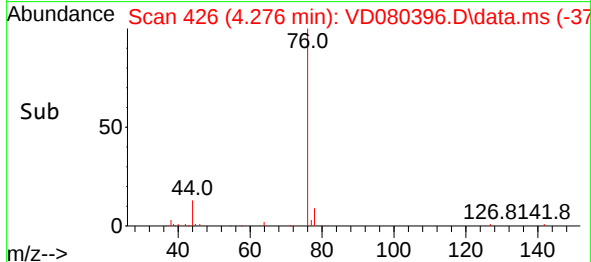
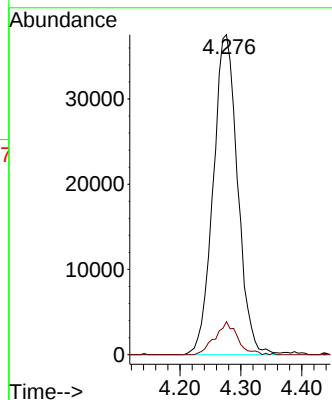
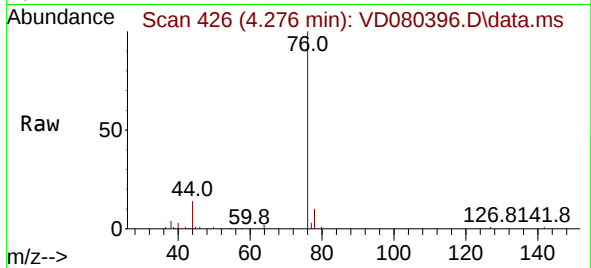




#17
Carbon Disulfide
Concen: 22.829 ug/l
RT: 4.276 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

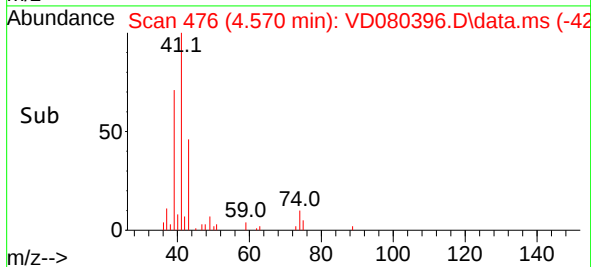
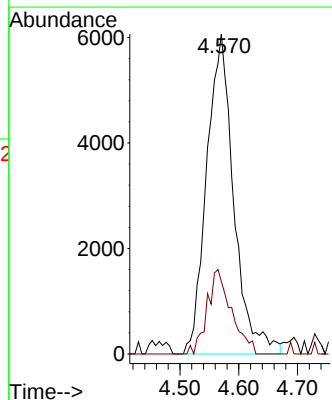
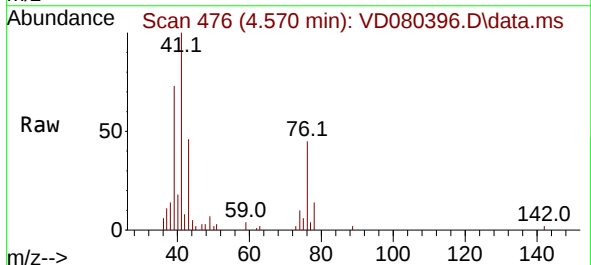
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

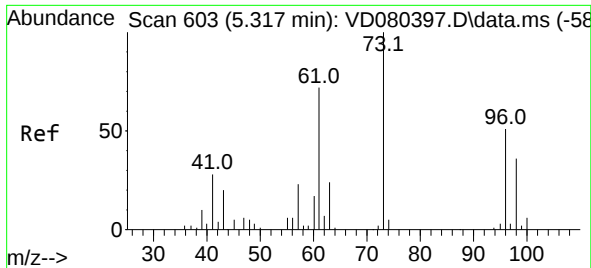
Tgt Ion: 76 Resp: 104579
Ion Ratio Lower Upper
76 100
78 10.3 7.3 10.9



#18
Methyl Acetate
Concen: 21.884 ug/l
RT: 4.570 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion: 43 Resp: 19460
Ion Ratio Lower Upper
43 100
74 23.5 18.6 28.0

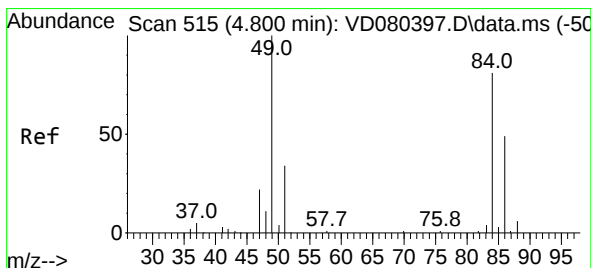
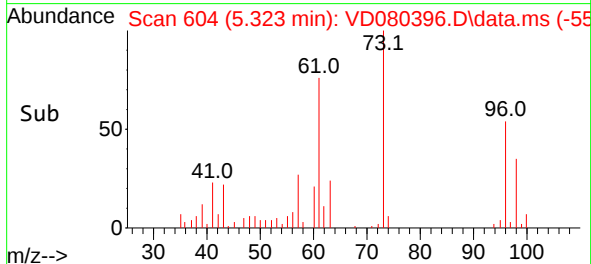
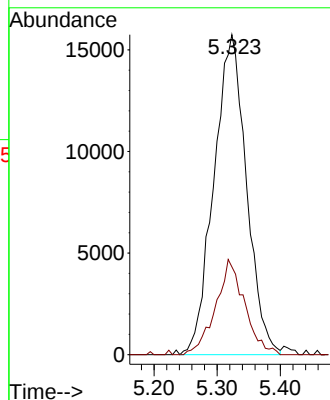
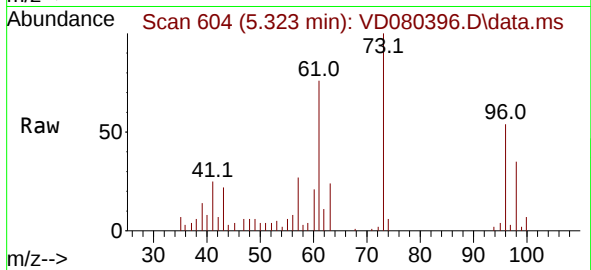




#19
Methyl tert-butyl Ether
Concen: 19.981 ug/l
RT: 5.323 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

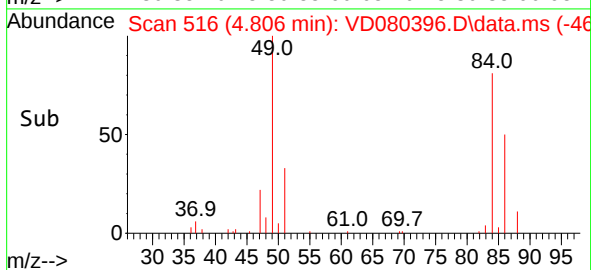
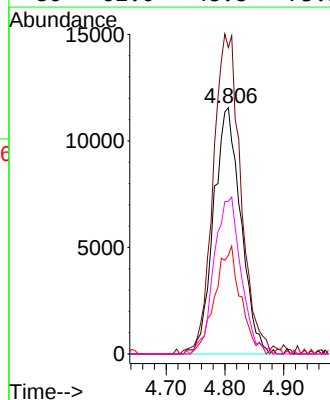
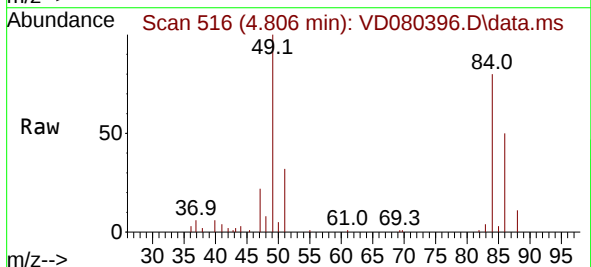
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

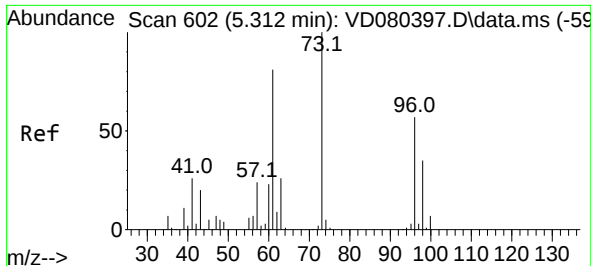
Tgt Ion: 73 Resp: 56491
Ion Ratio Lower Upper
73 100
57 27.5 18.7 28.1



#20
Methylene Chloride
Concen: 21.073 ug/l
RT: 4.806 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion: 84 Resp: 37214
Ion Ratio Lower Upper
84 100
49 124.4 99.0 148.6
51 40.1 33.6 50.4
86 62.0 48.8 73.2

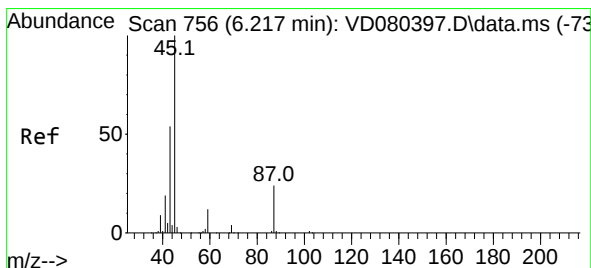
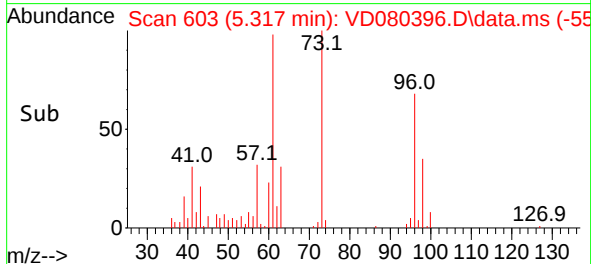
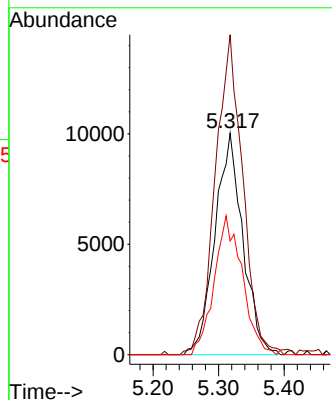
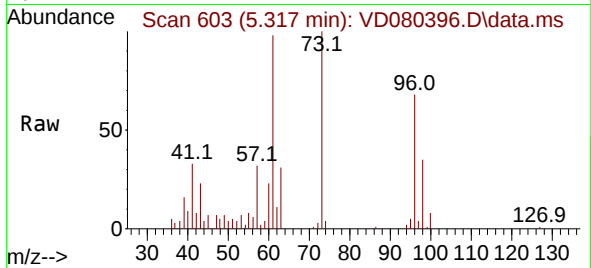




#21
trans-1,2-Dichloroethene
Concen: 21.251 ug/l
RT: 5.317 min Scan# 602
Delta R.T. 0.006 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

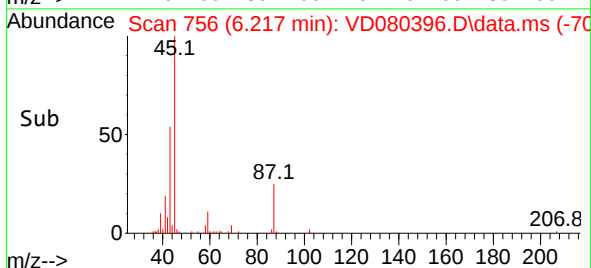
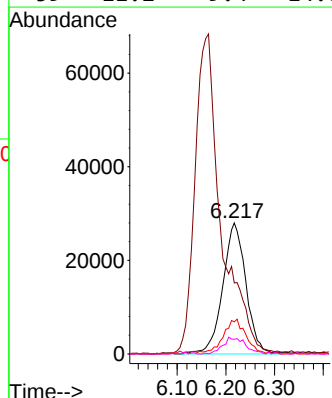
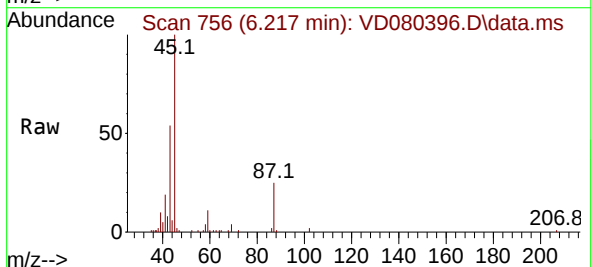
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

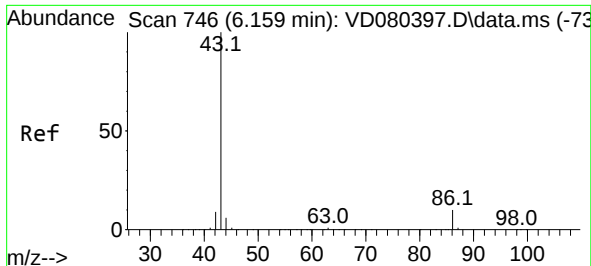
Tgt Ion: 96 Resp: 29602
Ion Ratio Lower Upper
96 100
61 144.6 113.6 170.4
98 51.4 49.4 74.2



#22
Diisopropyl ether
Concen: 21.562 ug/l
RT: 6.217 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion: 45 Resp: 92545
Ion Ratio Lower Upper
45 100
43 52.6 43.4 65.0
87 24.5 19.1 28.7
59 11.2 9.4 14.0

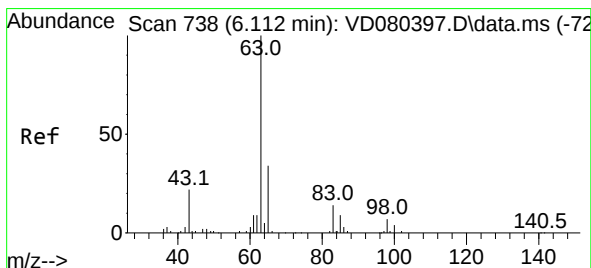
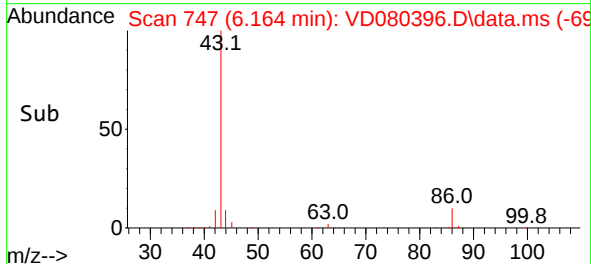
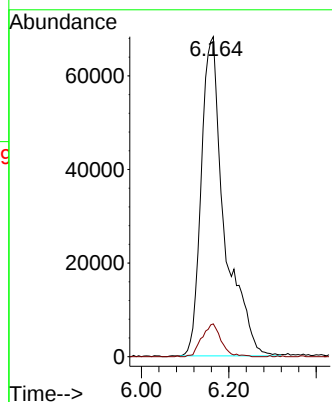
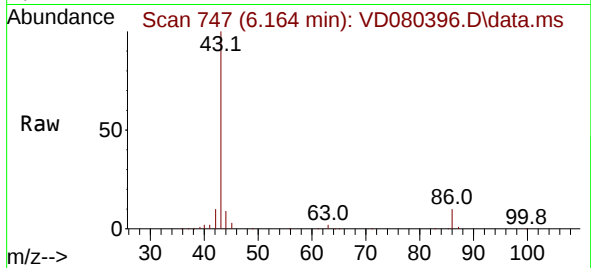




#23
 Vinyl Acetate
 Concen: 102.879 ug/l
 RT: 6.164 min Scan# 746
 Delta R.T. 0.006 min
 Lab File: VD080396.D
 Acq: 30 May 2025 09:51

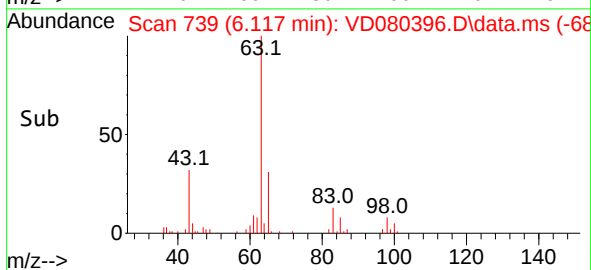
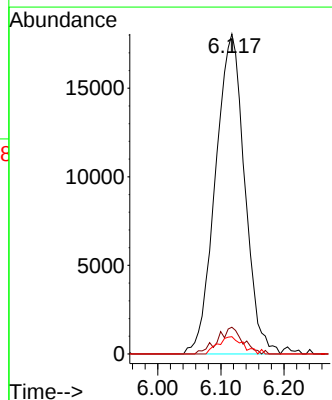
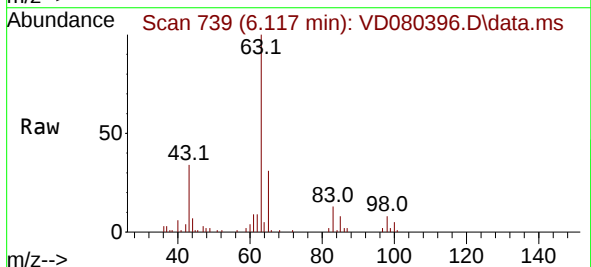
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

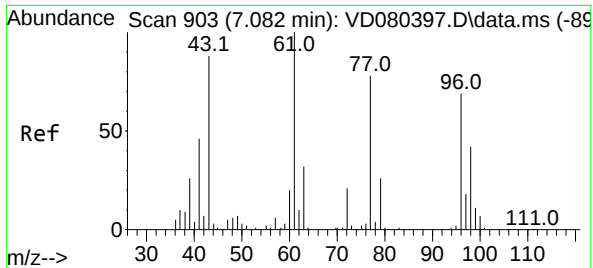
Tgt Ion: 43 Resp: 252073
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 21.732 ug/l
 RT: 6.117 min Scan# 739
 Delta R.T. 0.006 min
 Lab File: VD080396.D
 Acq: 30 May 2025 09:51

Tgt Ion: 63 Resp: 58038
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.7 11.1
 100 5.4 2.3 6.8

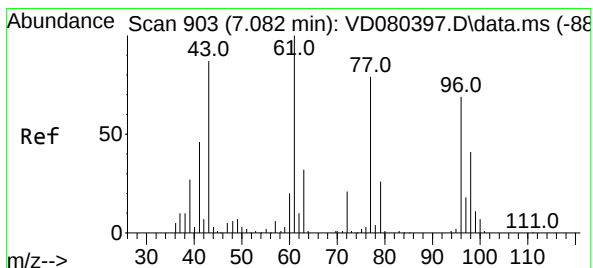
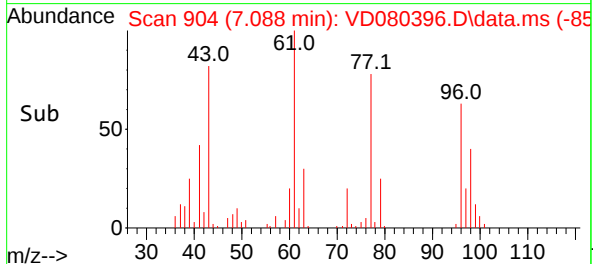
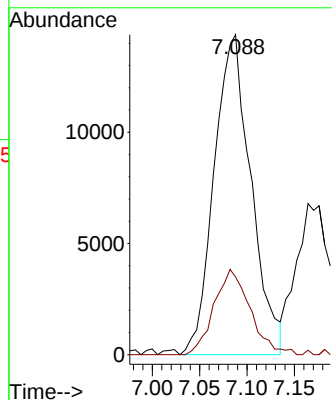
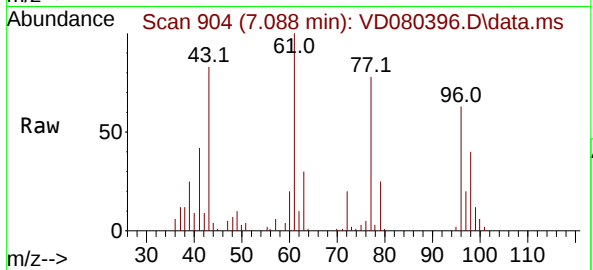




#25
2-Butanone
Concen: 101.231 ug/l
RT: 7.088 min Scan# 904
Delta R.T. 0.006 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

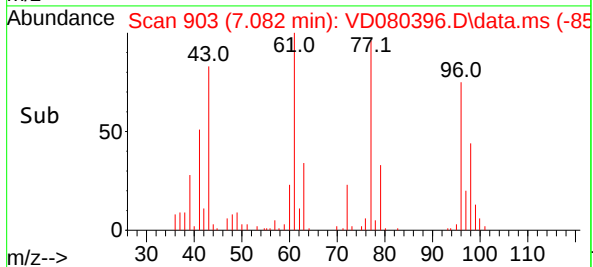
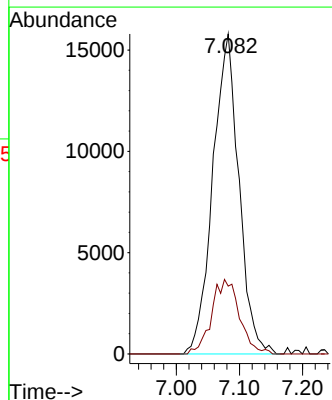
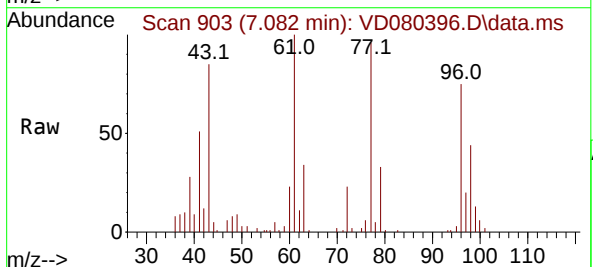
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

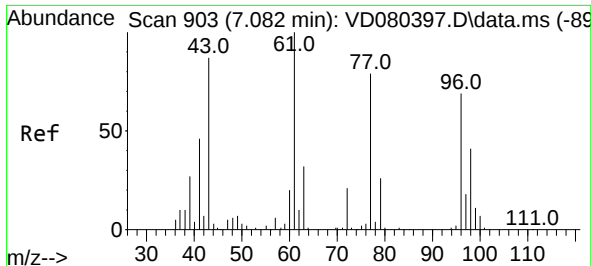
Tgt Ion: 43 Resp: 39003
Ion Ratio Lower Upper
43 100
72 24.3 18.9 28.3



#26
2,2-Dichloropropane
Concen: 21.274 ug/l
RT: 7.082 min Scan# 903
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion: 77 Resp: 45271
Ion Ratio Lower Upper
77 100
97 24.9 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 20.555 ug/l

RT: 7.082 min Scan# 903

Delta R.T. -0.000 min

Lab File: VD080396.D

Acq: 30 May 2025 09:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

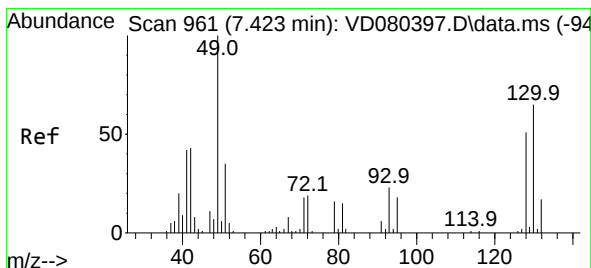
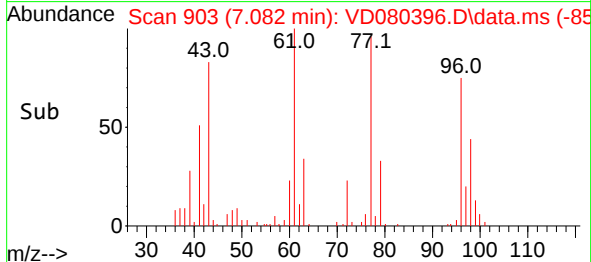
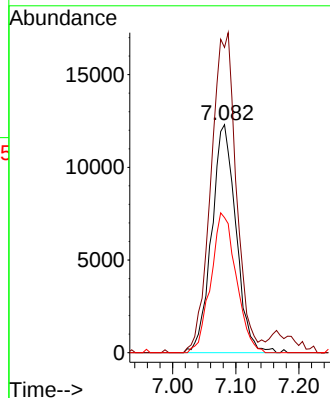
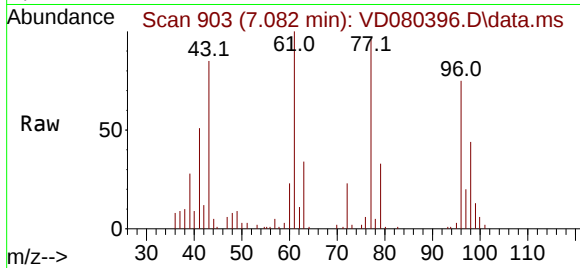
Tgt Ion: 96 Resp: 32785

Ion Ratio Lower Upper

96 100

61 147.7 0.0 301.4

98 64.1 0.0 128.2



#28

Bromochloromethane

Concen: 21.493 ug/l

RT: 7.423 min Scan# 961

Delta R.T. -0.000 min

Lab File: VD080396.D

Acq: 30 May 2025 09:51

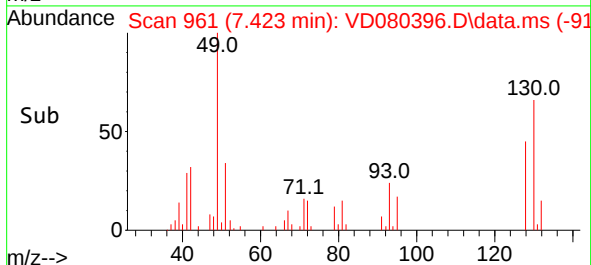
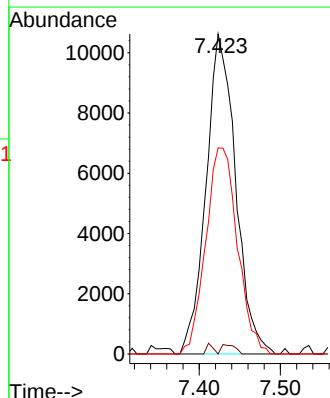
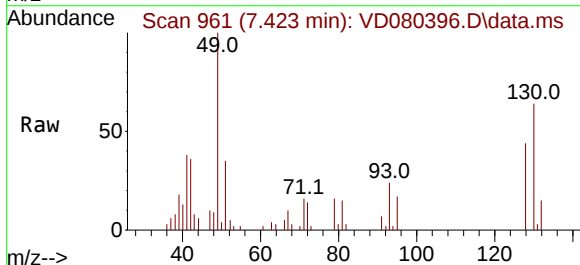
Tgt Ion: 49 Resp: 26935

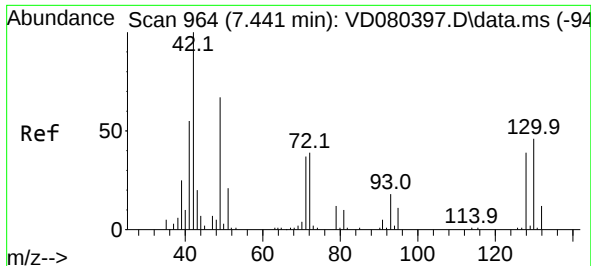
Ion Ratio Lower Upper

49 100

129 1.4 0.0 5.6

130 68.9 54.2 81.4





#29

Tetrahydrofuran

Concen: 105.280 ug/l

RT: 7.447 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD080396.D

Acq: 30 May 2025 09:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

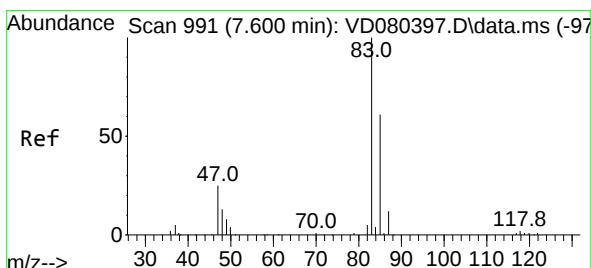
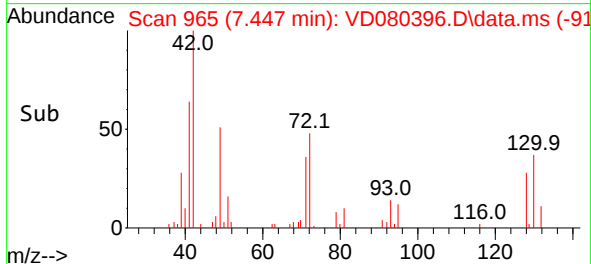
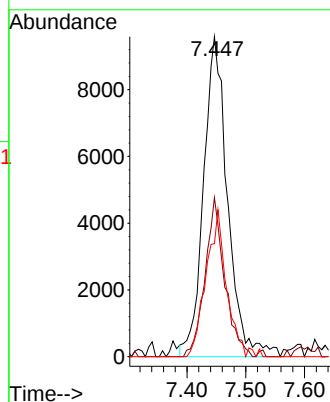
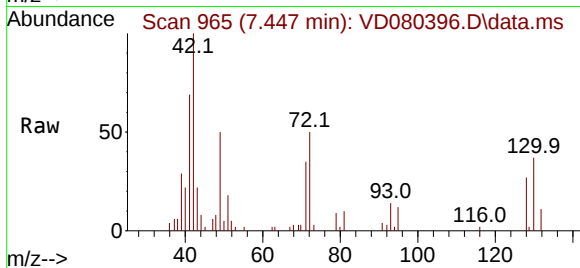
Tgt Ion: 42 Resp: 27281

Ion Ratio Lower Upper

42 100

72 40.4 32.6 49.0

71 38.9 32.0 48.0



#30

Chloroform

Concen: 21.301 ug/l

RT: 7.600 min Scan# 991

Delta R.T. -0.000 min

Lab File: VD080396.D

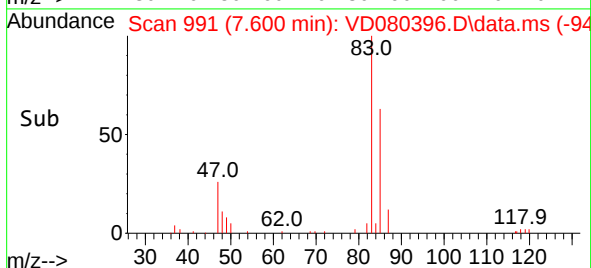
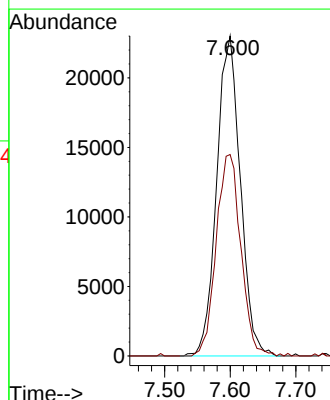
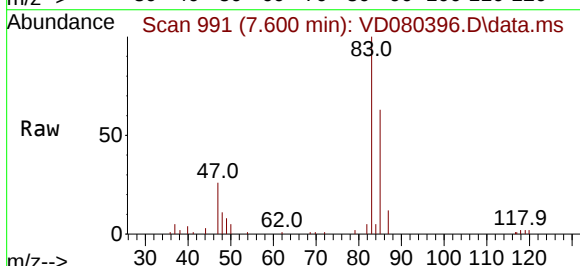
Acq: 30 May 2025 09:51

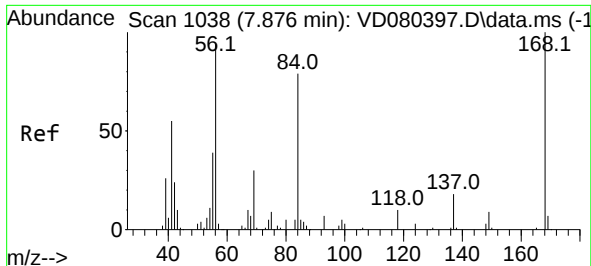
Tgt Ion: 83 Resp: 57589

Ion Ratio Lower Upper

83 100

85 63.0 49.2 73.8





#31

Cyclohexane

Concen: 20.586 ug/l

RT: 7.882 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VD080396.D

Acq: 30 May 2025 09:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

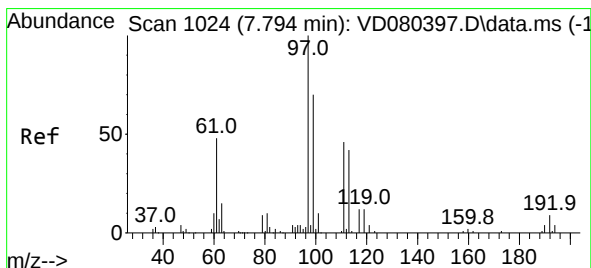
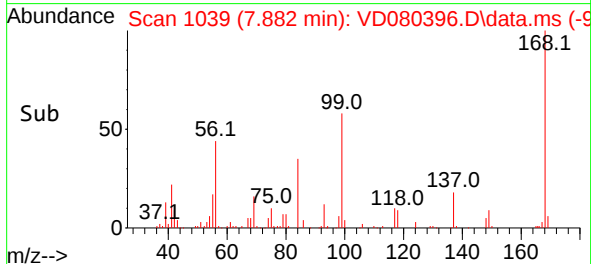
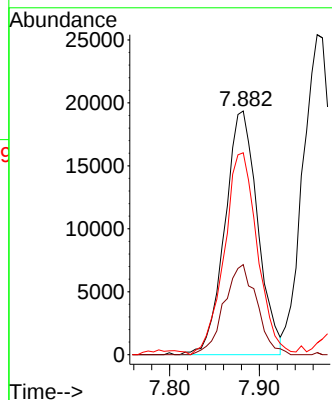
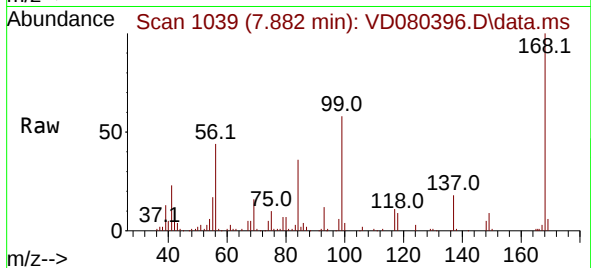
Tgt Ion: 56 Resp: 49163

Ion Ratio Lower Upper

56 100

69 37.0 25.5 38.3

84 81.5 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 20.892 ug/l

RT: 7.800 min Scan# 1025

Delta R.T. 0.006 min

Lab File: VD080396.D

Acq: 30 May 2025 09:51

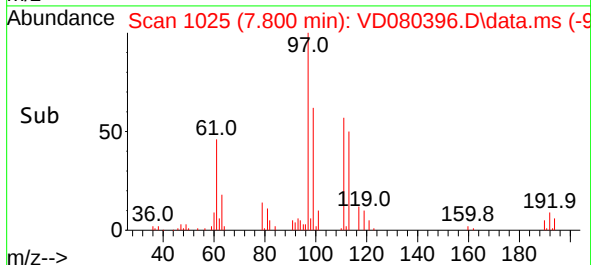
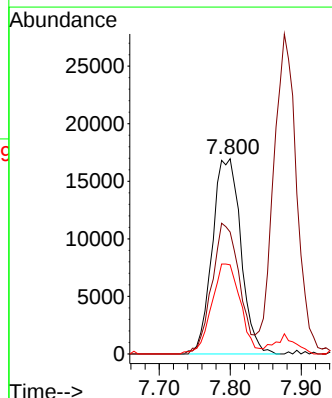
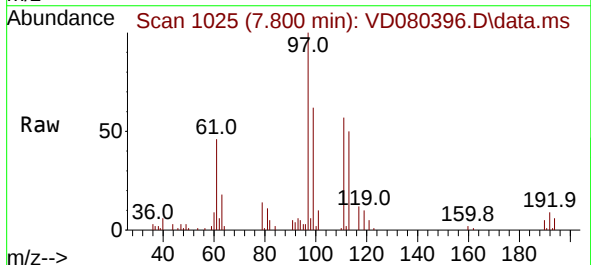
Tgt Ion: 97 Resp: 47286

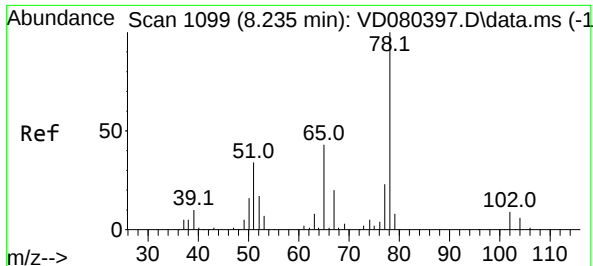
Ion Ratio Lower Upper

97 100

99 64.6 51.5 77.3

61 46.7 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 22.537 ug/l

RT: 8.229 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD080396.D

Acq: 30 May 2025 09:51

Instrument :

MSVOA_D

ClientSampleId :

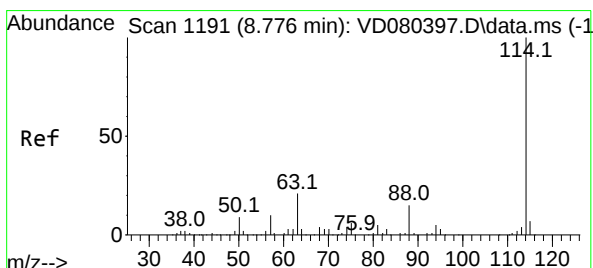
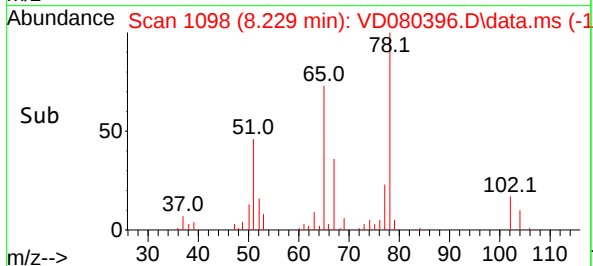
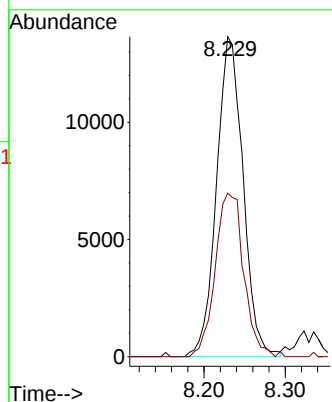
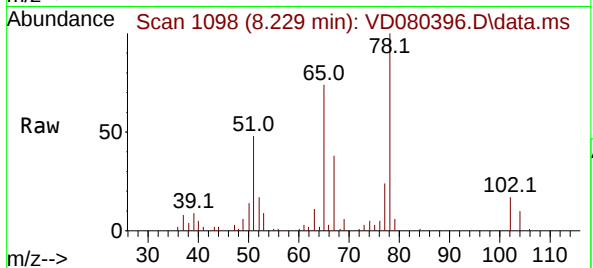
VSTDIC020

Tgt Ion: 65 Resp: 30961

Ion Ratio Lower Upper

65 100

67 54.7 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: VD080396.D

Acq: 30 May 2025 09:51

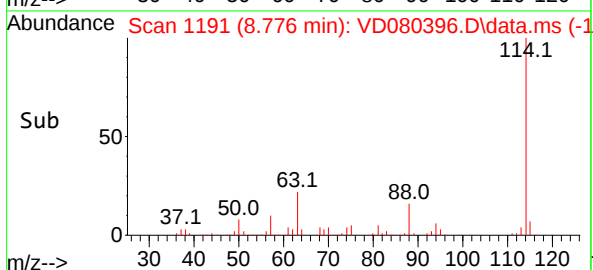
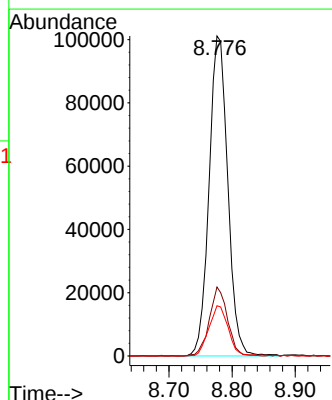
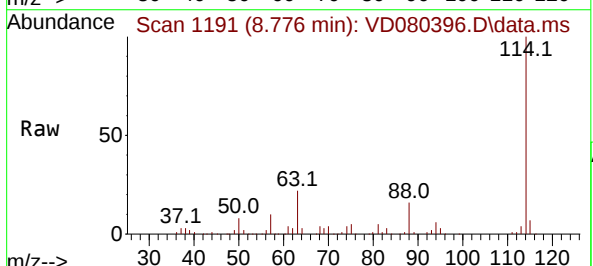
Tgt Ion: 114 Resp: 208042

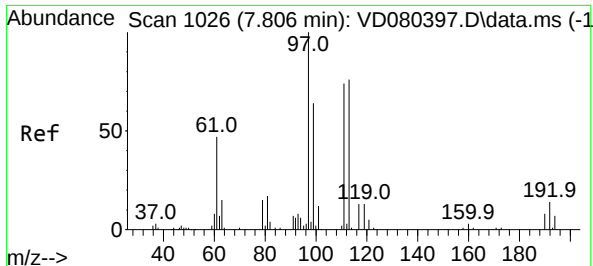
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

88 15.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 18.051 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VD080396.D

Acq: 30 May 2025 09:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

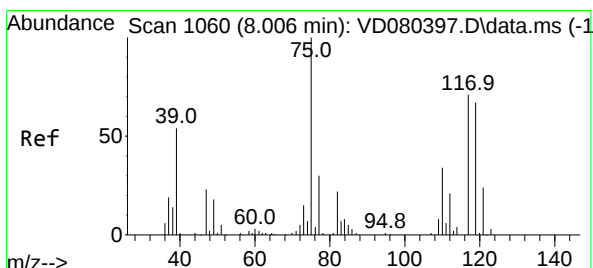
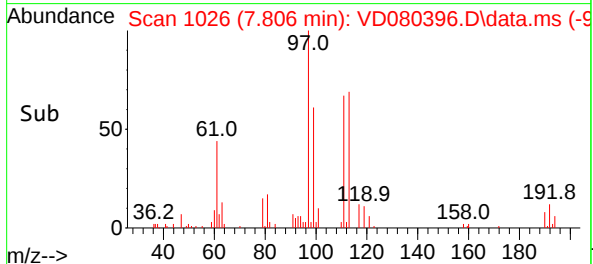
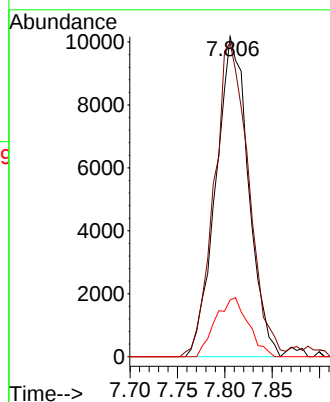
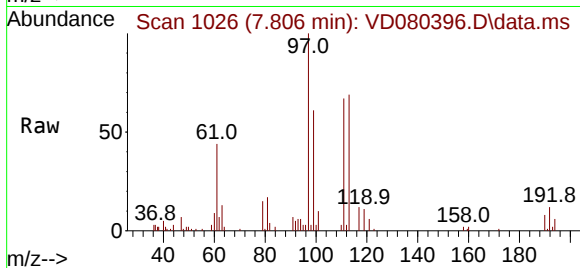
Tgt Ion:113 Resp: 24409

Ion Ratio Lower Upper

113 100

111 103.6 84.2 126.4

192 18.6 16.1 24.1



#36

1,1-Dichloropropene

Concen: 19.273 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VD080396.D

Acq: 30 May 2025 09:51

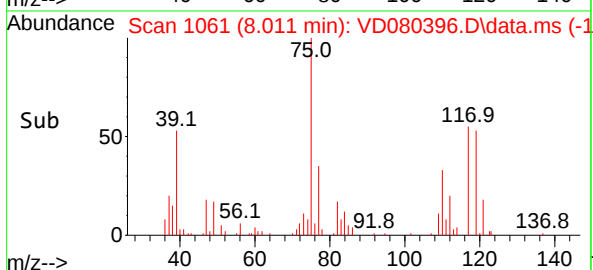
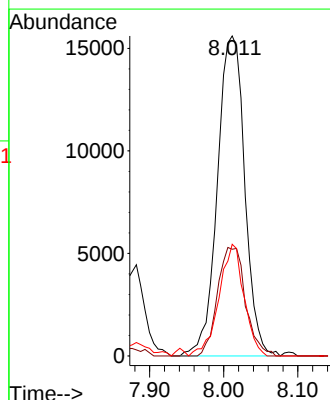
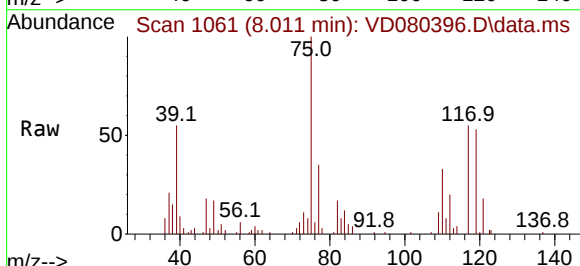
Tgt Ion: 75 Resp: 40056

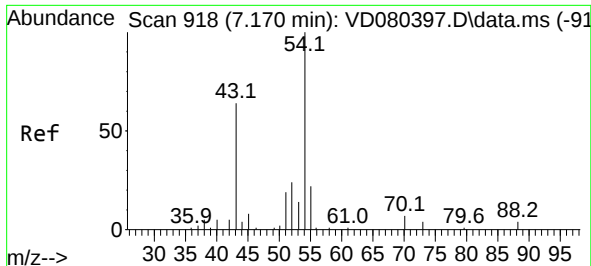
Ion Ratio Lower Upper

75 100

110 34.5 16.9 50.7

77 31.8 25.0 37.6

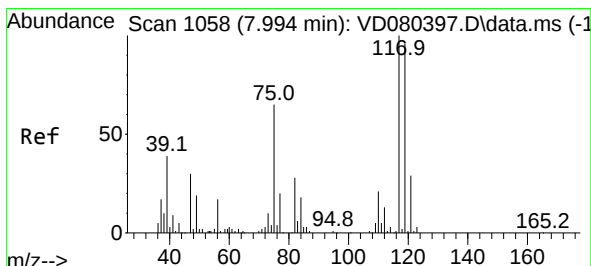
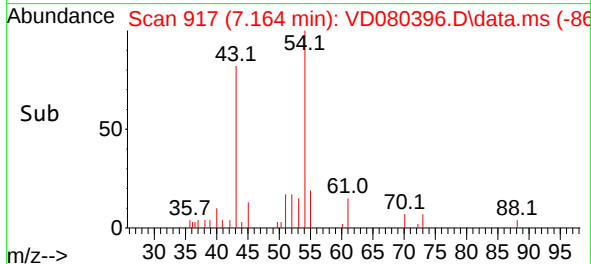
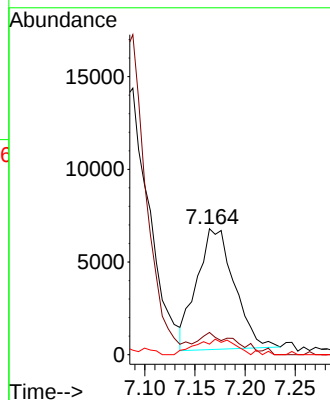
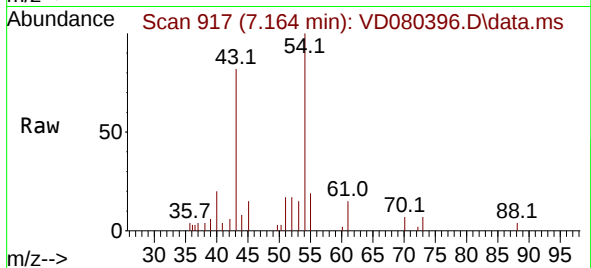




#37
Ethyl Acetate
Concen: 16.672 ug/l
RT: 7.164 min Scan# 918
Delta R.T. -0.006 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

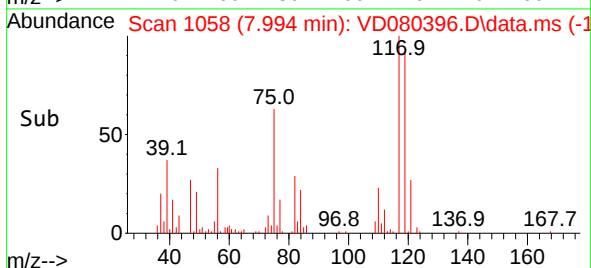
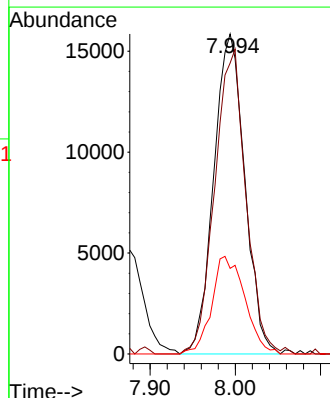
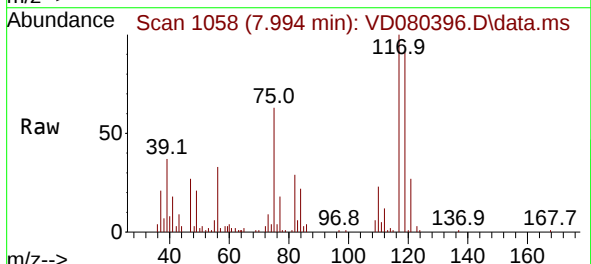
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

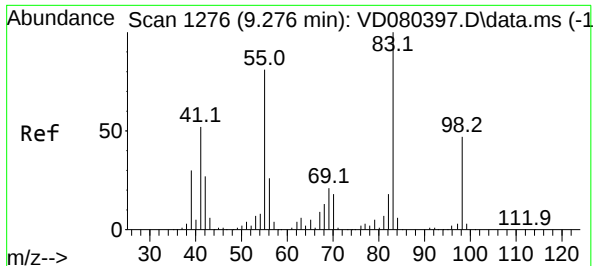
Tgt Ion: 43 Resp: 16971
Ion Ratio Lower Upper
43 100
61 18.1 11.8 17.6#
70 13.1 8.6 12.8#



#38
Carbon Tetrachloride
Concen: 19.031 ug/l
RT: 7.994 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion: 117 Resp: 40073
Ion Ratio Lower Upper
117 100
119 90.9 77.3 115.9
121 26.8 23.3 34.9





#39

Methylcyclohexane

Concen: 18.547 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VD080396.D

Acq: 30 May 2025 09:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

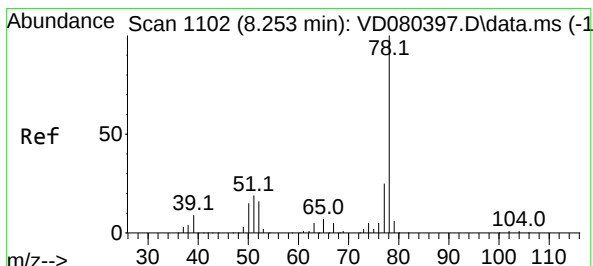
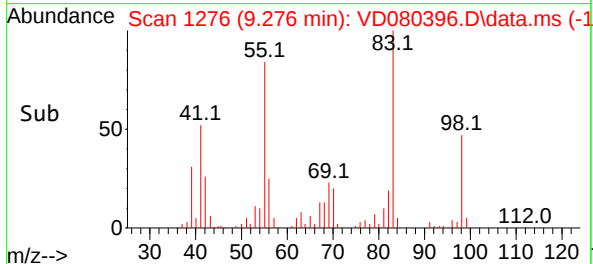
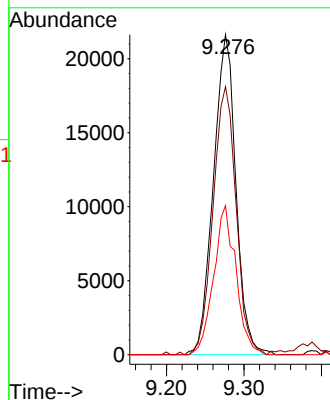
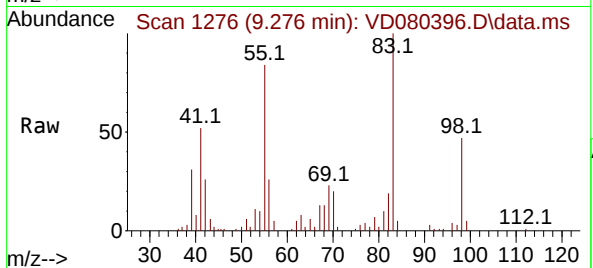
Tgt Ion: 83 Resp: 43717

Ion Ratio Lower Upper

83 100

55 82.9 64.6 97.0

98 46.6 37.5 56.3



#40

Benzene

Concen: 21.055 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VD080396.D

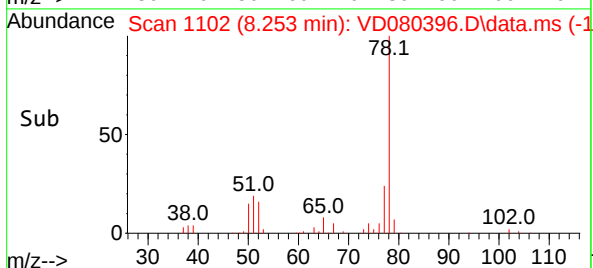
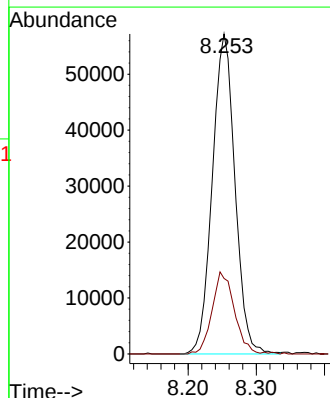
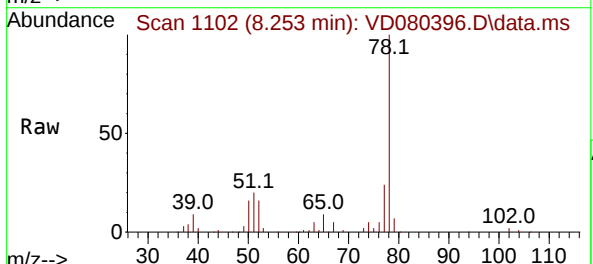
Acq: 30 May 2025 09:51

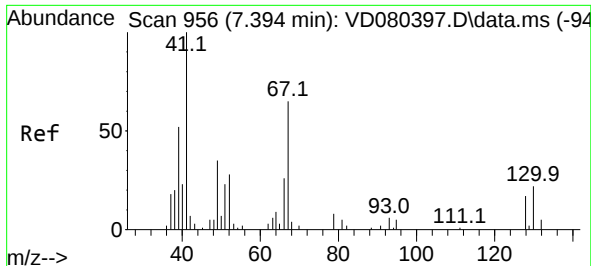
Tgt Ion: 78 Resp: 132196

Ion Ratio Lower Upper

78 100

77 23.6 20.2 30.2

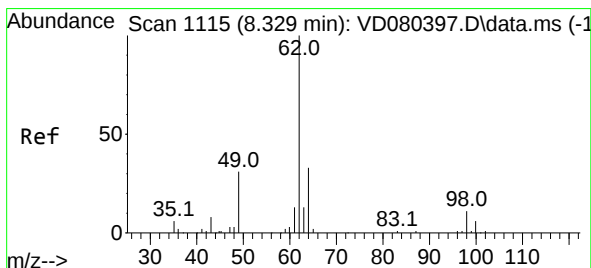
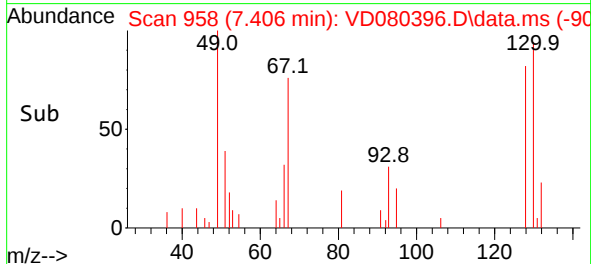
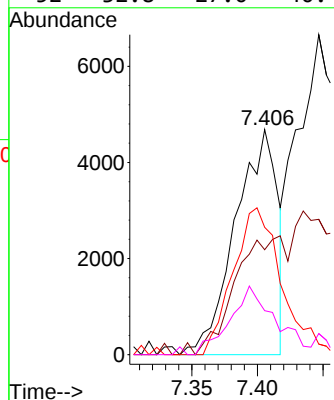
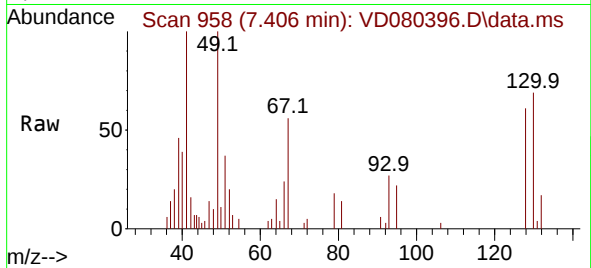




#41
Methacrylonitrile
Concen: 18.219 ug/l
RT: 7.406 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

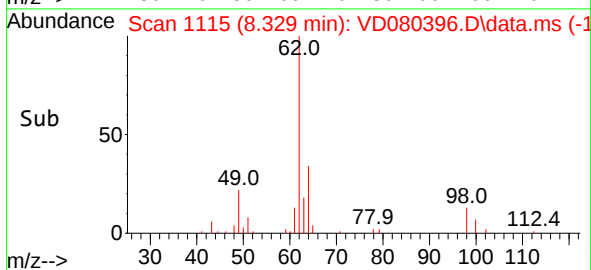
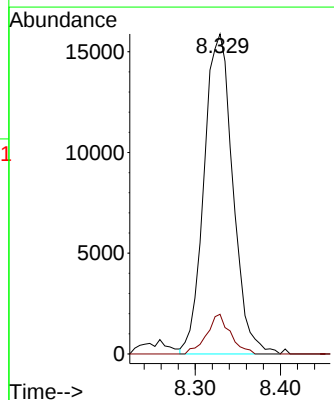
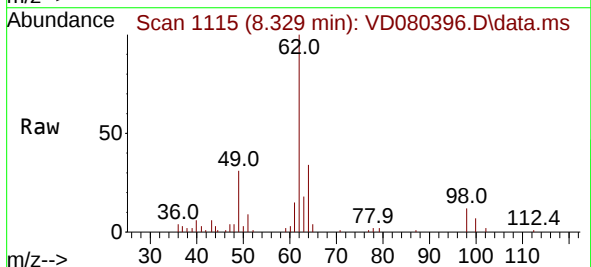
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

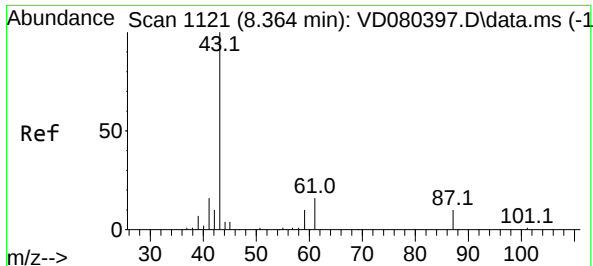
Tgt Ion: 41 Resp: 10459
Ion Ratio Lower Upper
41 100
39 0.0 51.8 77.8#
67 74.8 55.4 83.2
52 32.8 27.0 40.4



#42
1,2-Dichloroethane
Concen: 20.779 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion: 62 Resp: 37322
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 20.211 ug/l

RT: 8.364 min Scan# 1121

Delta R.T. -0.000 min

Lab File: VD080396.D

Acq: 30 May 2025 09:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

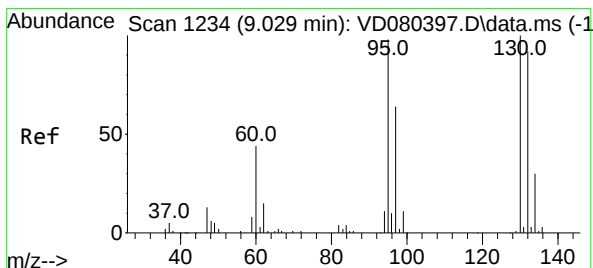
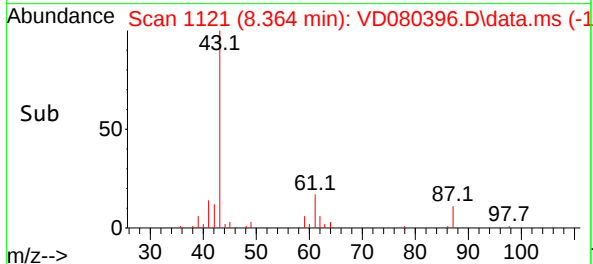
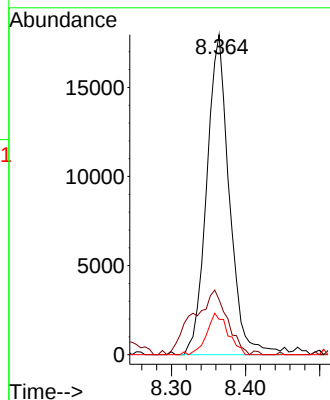
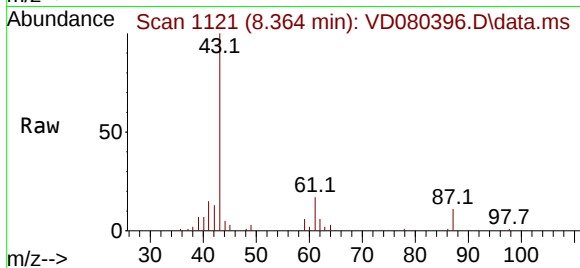
Tgt Ion: 43 Resp: 38051

Ion Ratio Lower Upper

43 100

61 30.5 24.5 36.7

87 12.3 9.8 14.6



#44

Trichloroethene

Concen: 20.331 ug/l

RT: 9.029 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VD080396.D

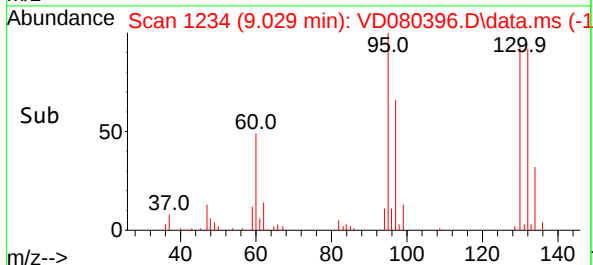
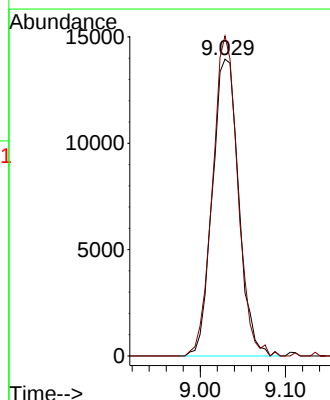
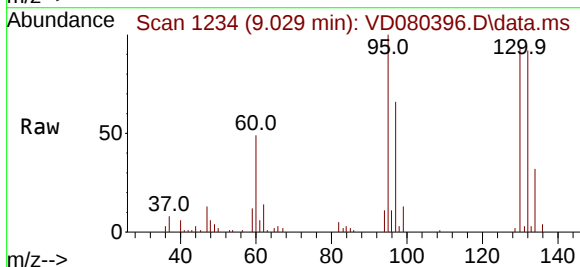
Acq: 30 May 2025 09:51

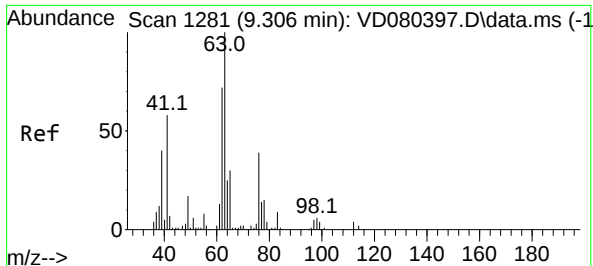
Tgt Ion: 130 Resp: 29938

Ion Ratio Lower Upper

130 100

95 107.8 0.0 195.2





#45

1,2-Dichloropropane

Concen: 19.384 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD080396.D

Acq: 30 May 2025 09:51

Instrument :

MSVOA_D

ClientSampleId :

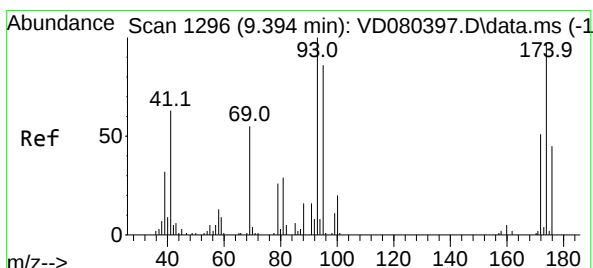
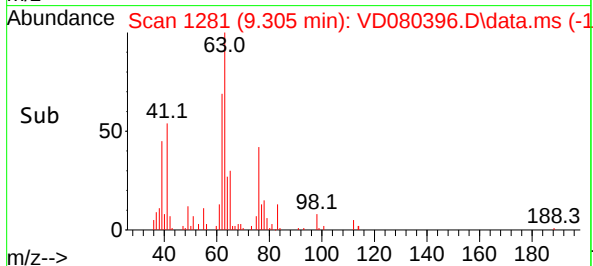
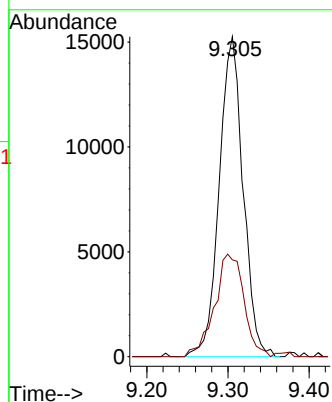
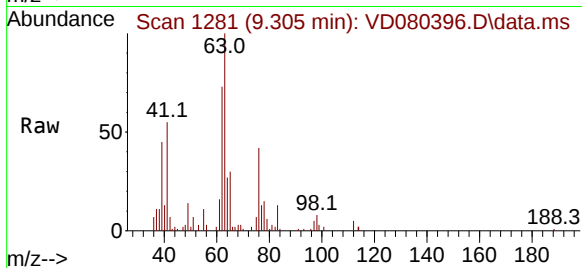
VSTDIC020

Tgt Ion: 63 Resp: 31225

Ion Ratio Lower Upper

63 100

65 30.3 23.9 35.9



#46

Dibromomethane

Concen: 18.932 ug/l

RT: 9.400 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VD080396.D

Acq: 30 May 2025 09:51

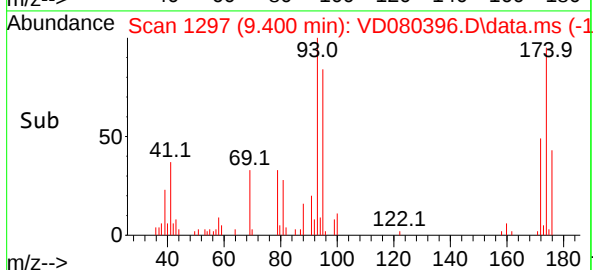
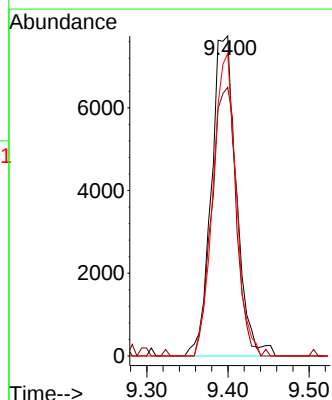
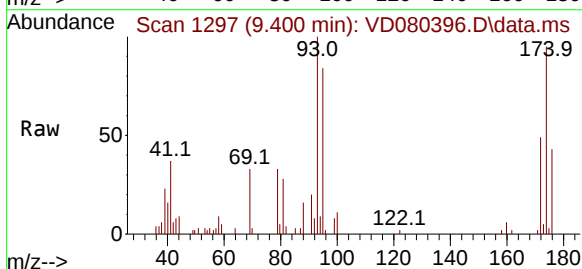
Tgt Ion: 93 Resp: 16512

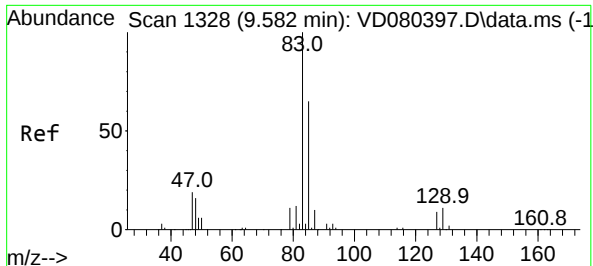
Ion Ratio Lower Upper

93 100

95 82.9 67.4 101.2

174 87.4 73.3 109.9

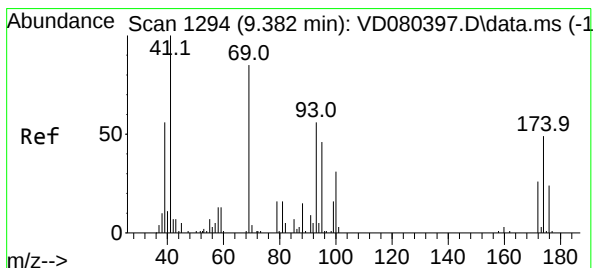
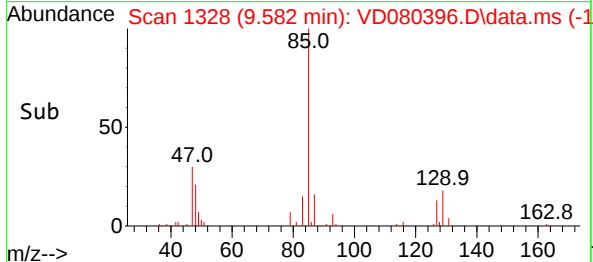
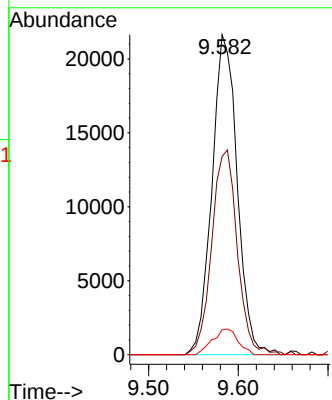
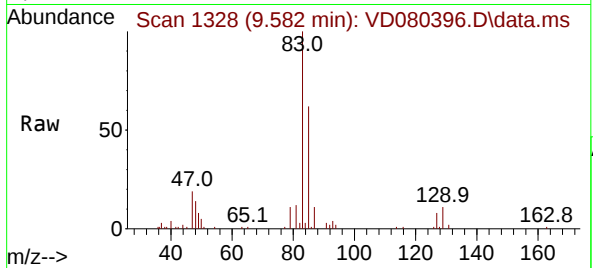




#47
Bromodichloromethane
Concen: 19.156 ug/l
RT: 9.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

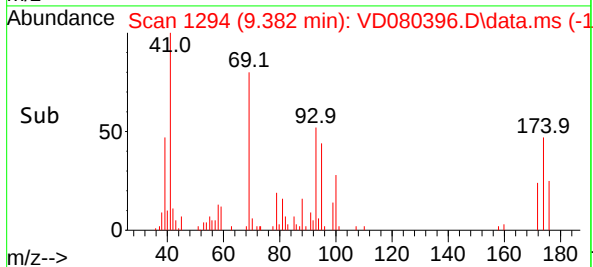
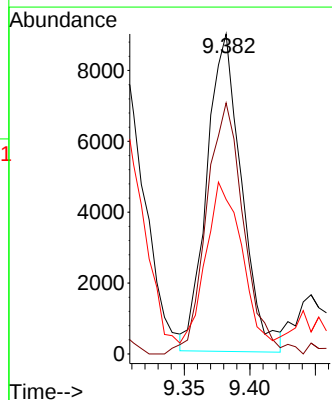
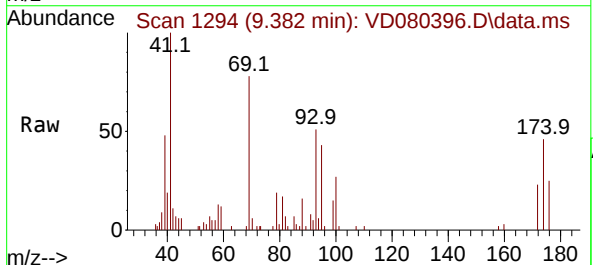
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

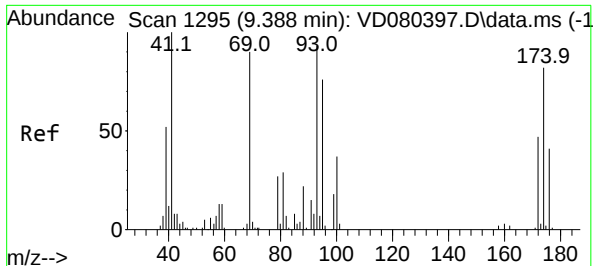
Tgt Ion: 83 Resp: 42299
Ion Ratio Lower Upper
83 100
85 61.9 52.2 78.2
127 7.8 7.0 10.6



#48
Methyl methacrylate
Concen: 18.065 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion: 41 Resp: 16550
Ion Ratio Lower Upper
41 100
69 84.9 63.8 95.8
39 58.5 40.6 60.8





#49

1,4-Dioxane

Concen: 420.357 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VD080396.D

Acq: 30 May 2025 09:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

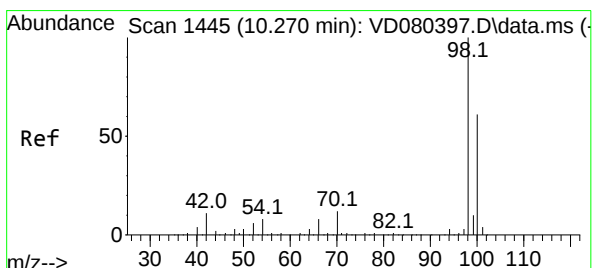
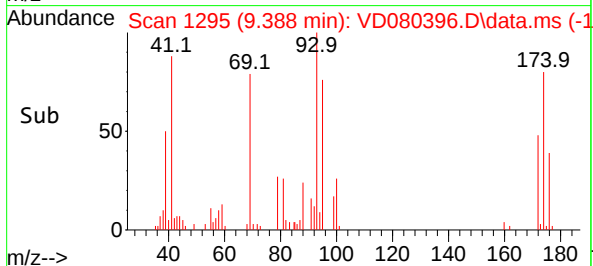
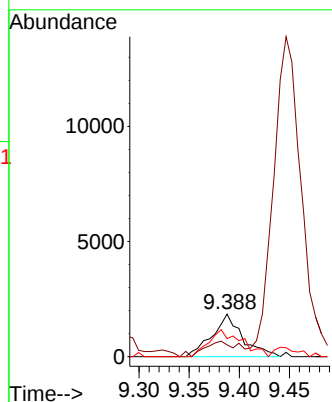
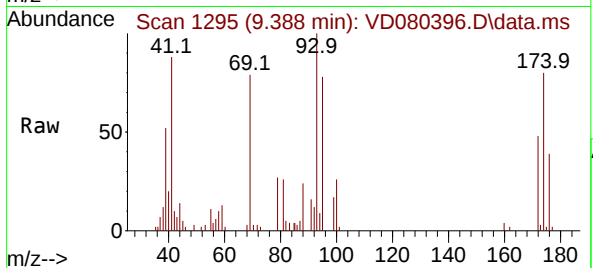
Tgt Ion: 88 Resp: 3896

Ion Ratio Lower Upper

88 100

43 39.7 35.8 53.8

58 68.3 58.3 87.5



#50

Toluene-d8

Concen: 18.413 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. -0.000 min

Lab File: VD080396.D

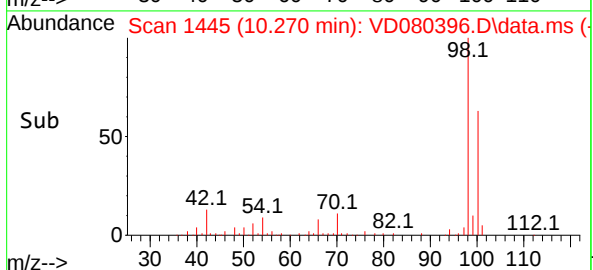
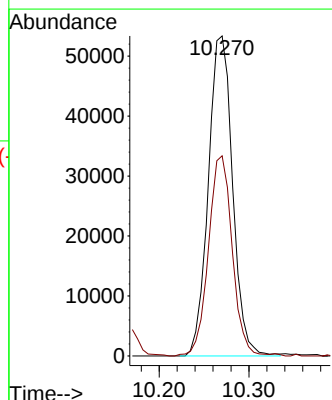
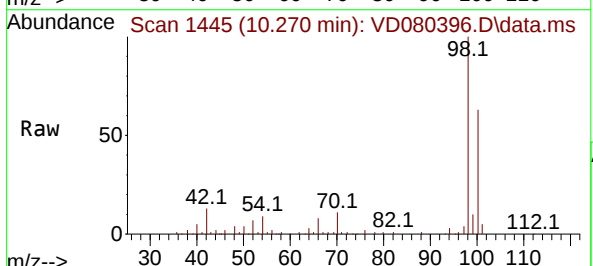
Acq: 30 May 2025 09:51

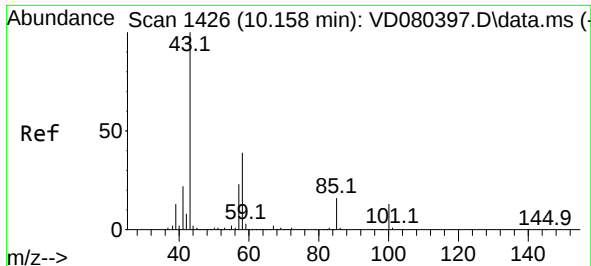
Tgt Ion: 98 Resp: 100177

Ion Ratio Lower Upper

98 100

100 61.3 50.3 75.5

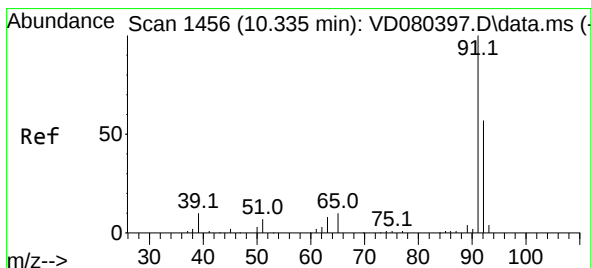
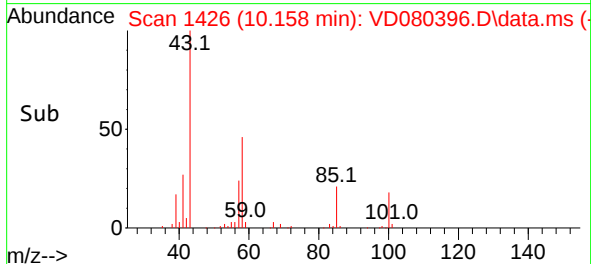
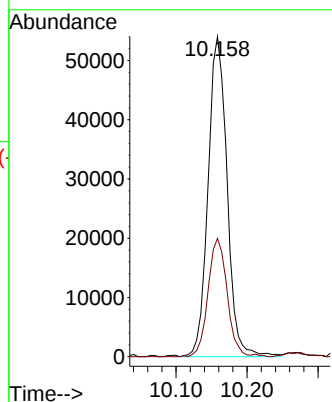
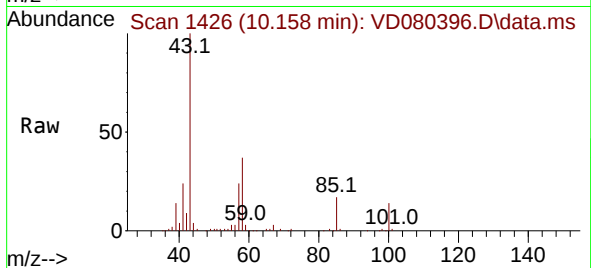




#51
4-Methyl-2-Pentanone
Concen: 101.430 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

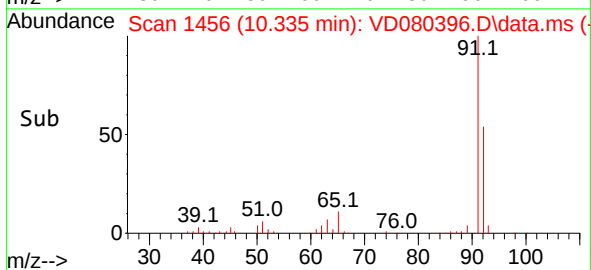
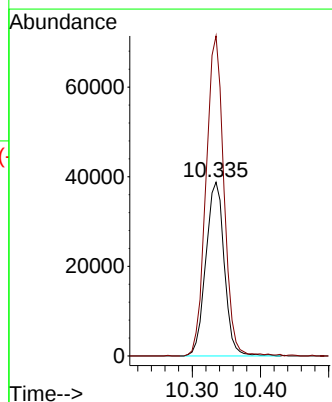
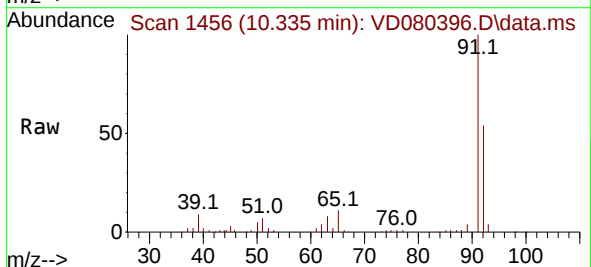
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

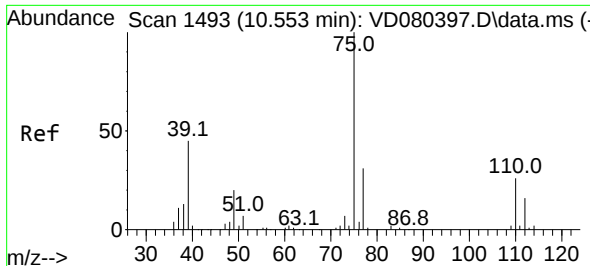
Tgt Ion: 43 Resp: 100778
Ion Ratio Lower Upper
43 100
58 36.9 30.5 45.7



#52
Toluene
Concen: 19.189 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion: 92 Resp: 73087
Ion Ratio Lower Upper
92 100
91 178.6 142.5 213.7

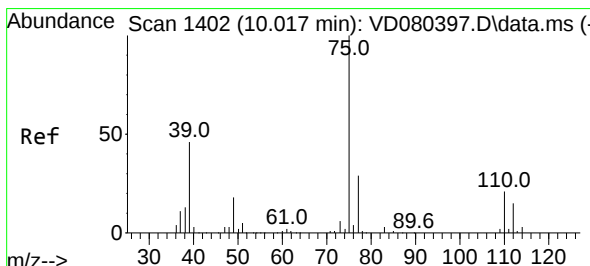
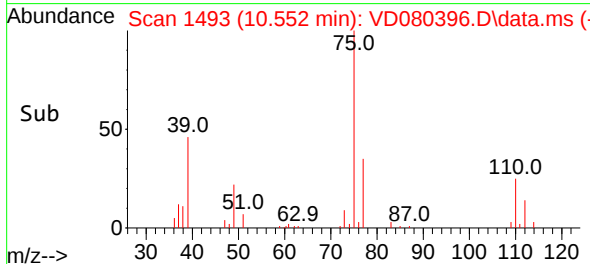
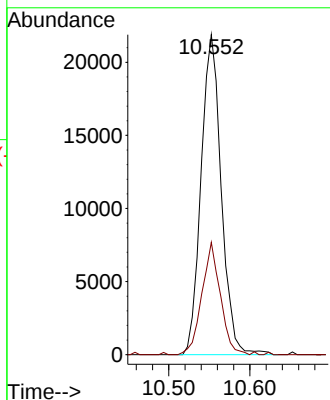
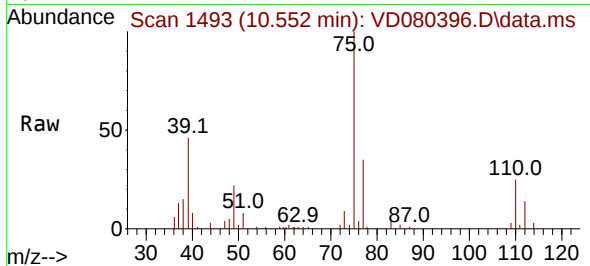




#53
 t-1,3-Dichloropropene
 Concen: 18.570 ug/l
 RT: 10.552 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VD080396.D
 Acq: 30 May 2025 09:51

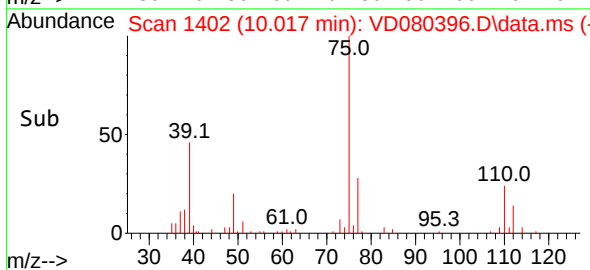
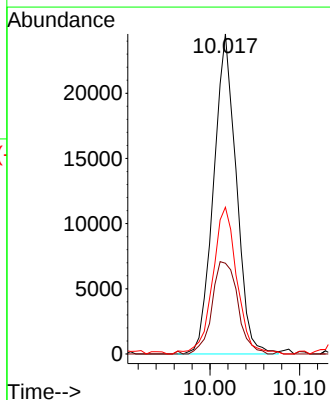
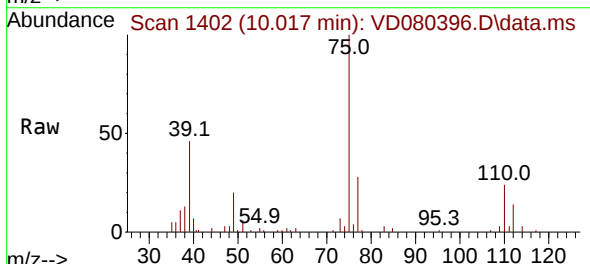
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

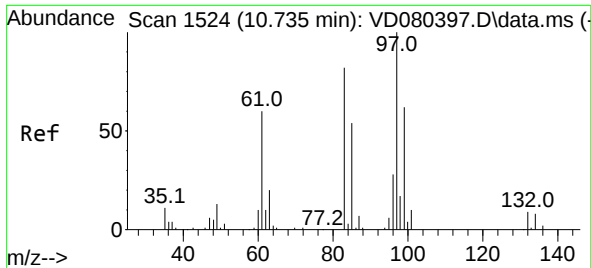
Tgt Ion: 75 Resp: 37825
 Ion Ratio Lower Upper
 75 100
 77 35.1 24.7 37.1



#54
 cis-1,3-Dichloropropene
 Concen: 18.445 ug/l
 RT: 10.017 min Scan# 1402
 Delta R.T. -0.000 min
 Lab File: VD080396.D
 Acq: 30 May 2025 09:51

Tgt Ion: 75 Resp: 43029
 Ion Ratio Lower Upper
 75 100
 77 27.6 23.3 34.9
 39 45.3 36.5 54.7

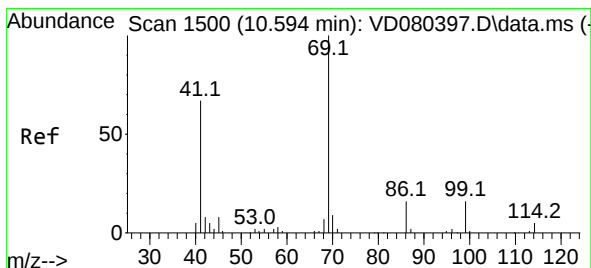
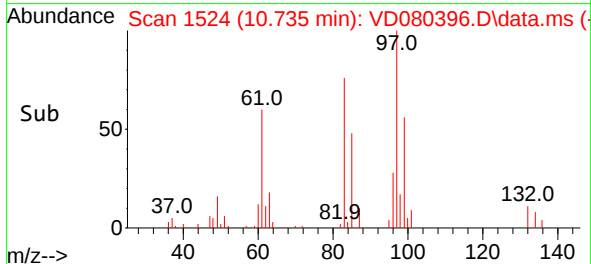
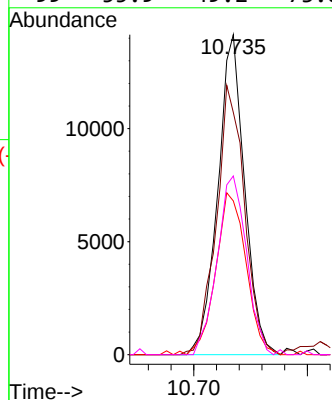
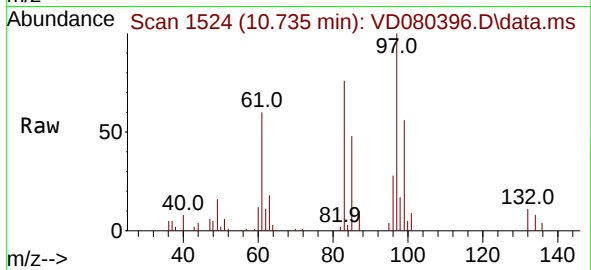




#55
1,1,2-Trichloroethane
Concen: 19.858 ug/l
RT: 10.735 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

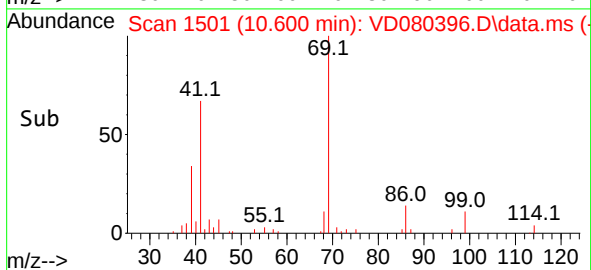
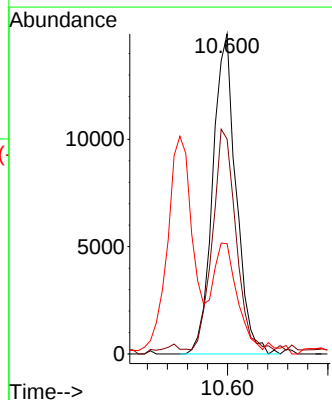
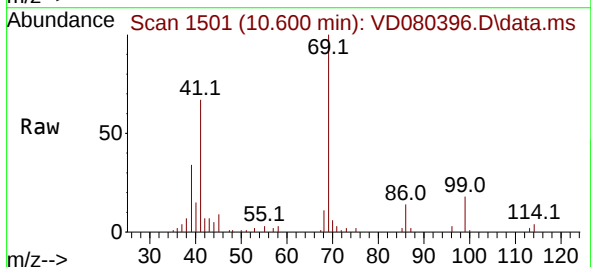
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

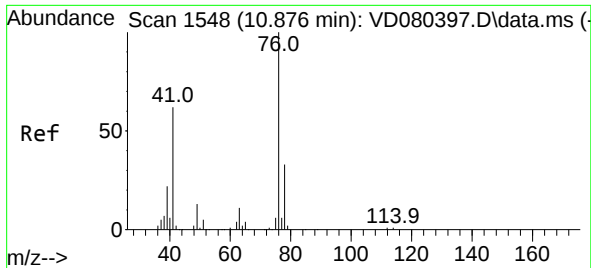
Tgt Ion: 97	Resp: 23161
Ion Ratio	Lower Upper
97 100	
83 75.7	65.5 98.3
85 48.1	43.2 64.8
99 55.9	49.2 73.8



#56
Ethyl methacrylate
Concen: 17.376 ug/l
RT: 10.600 min Scan# 1501
Delta R.T. 0.006 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion: 69	Resp: 24039
Ion Ratio	Lower Upper
69 100	
41 69.2	54.4 81.6
39 34.8	28.0 42.0

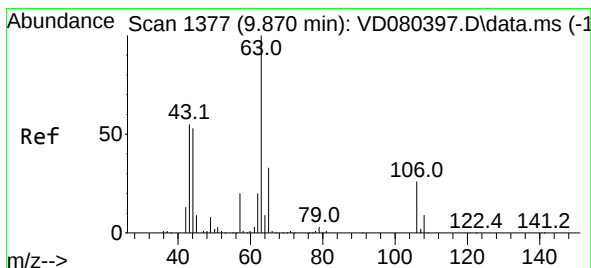
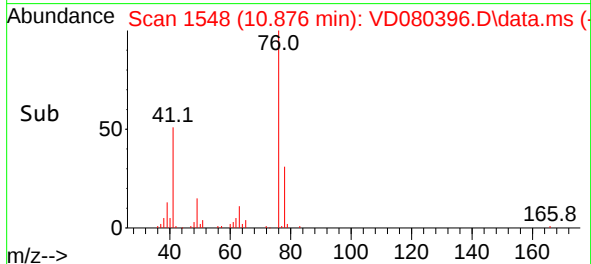
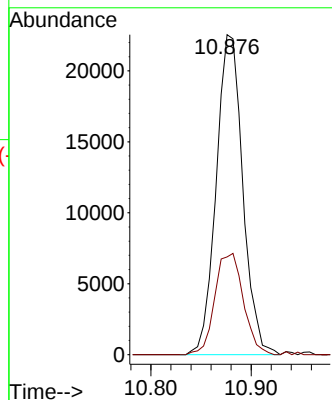
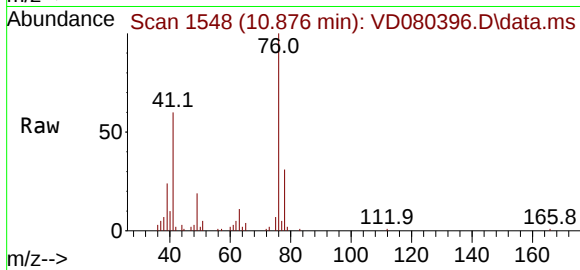




#57
1,3-Dichloropropane
Concen: 20.791 ug/l
RT: 10.876 min Scan# 1548
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

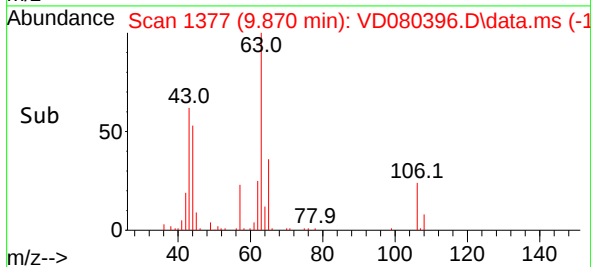
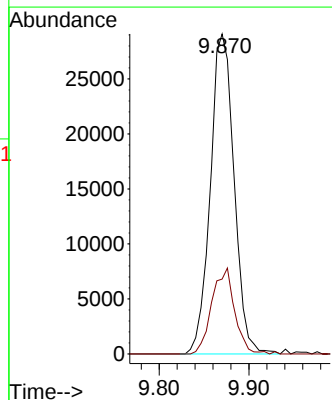
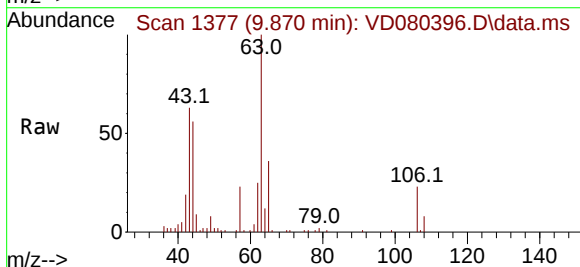
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

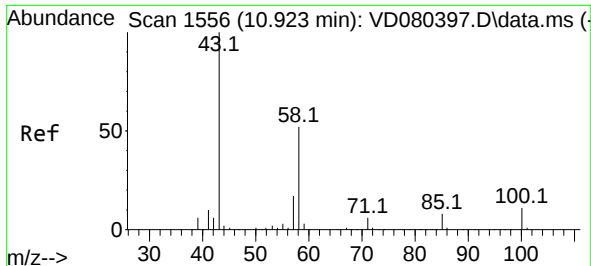
Tgt Ion: 76 Resp: 41434
Ion Ratio Lower Upper
76 100
78 33.9 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 89.972 ug/l
RT: 9.870 min Scan# 1377
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion: 63 Resp: 53483
Ion Ratio Lower Upper
63 100
106 25.8 20.7 31.1

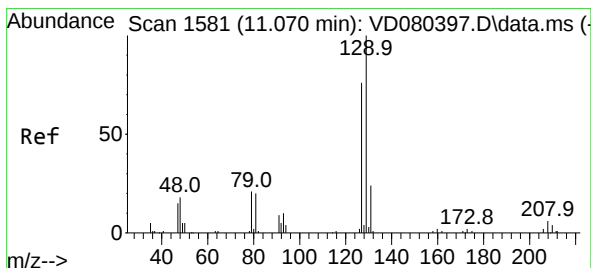
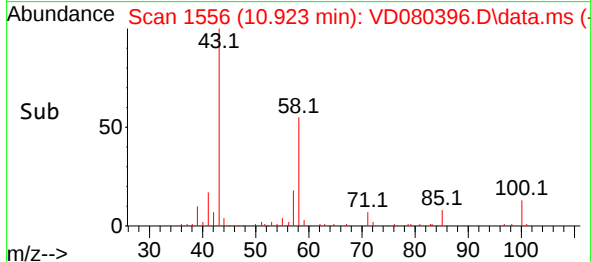
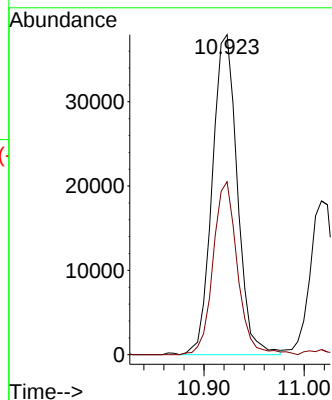
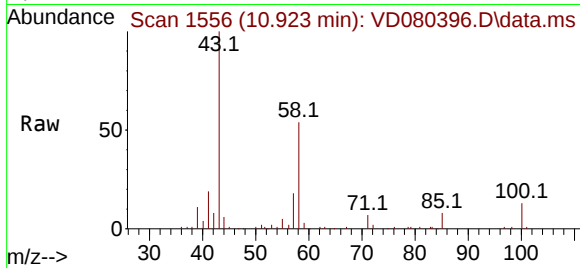




#59
2-Hexanone
Concen: 98.212 ug/l
RT: 10.923 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

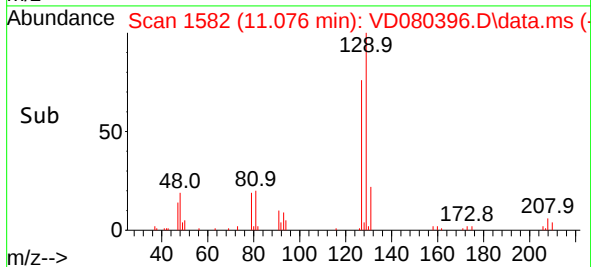
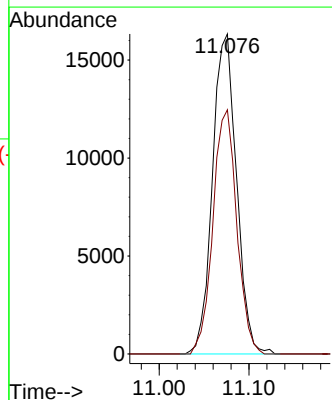
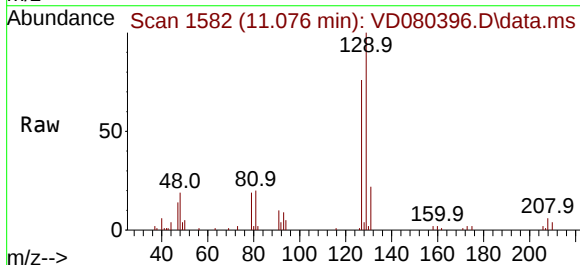
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

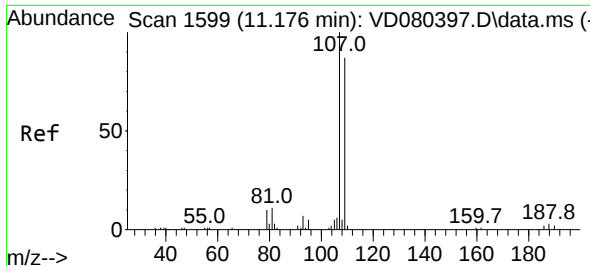
Tgt Ion: 43 Resp: 66032
Ion Ratio Lower Upper
43 100
58 52.5 25.8 77.4



#60
Dibromochloromethane
Concen: 21.378 ug/l
RT: 11.076 min Scan# 1582
Delta R.T. 0.006 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion: 129 Resp: 30409
Ion Ratio Lower Upper
129 100
127 75.6 38.0 113.9

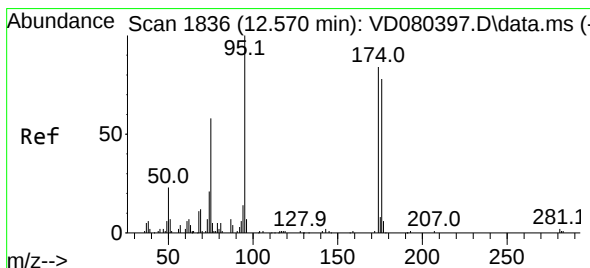
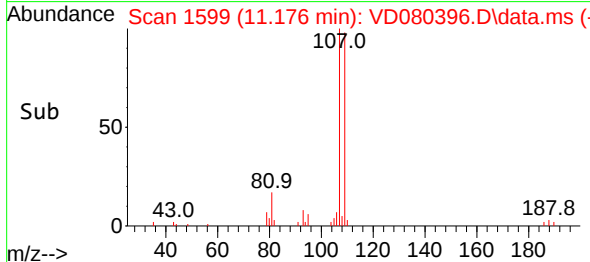
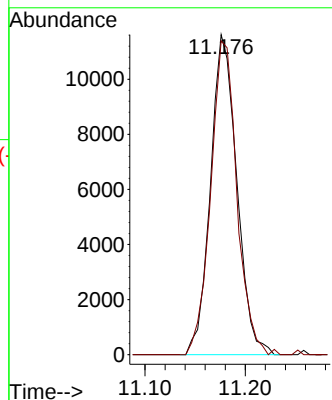
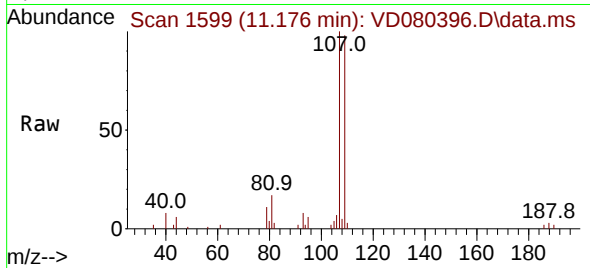




#61
1,2-Dibromoethane
Concen: 20.255 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

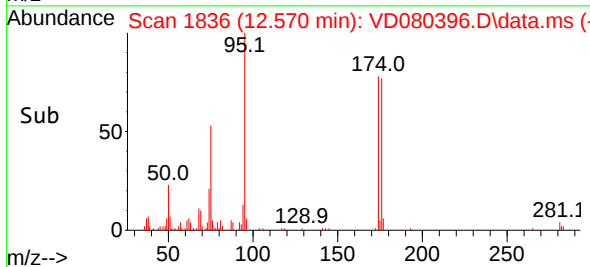
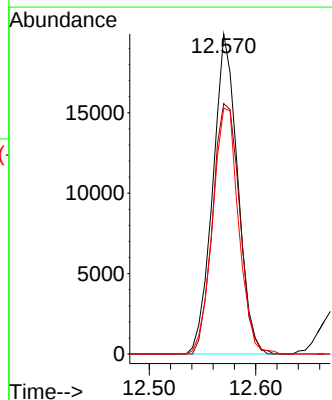
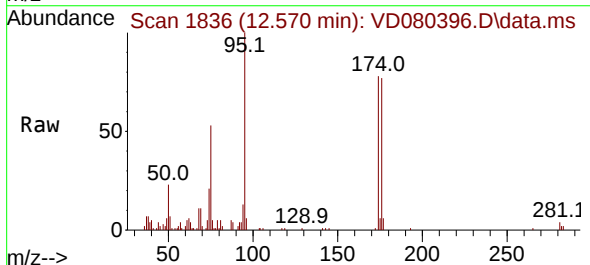
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

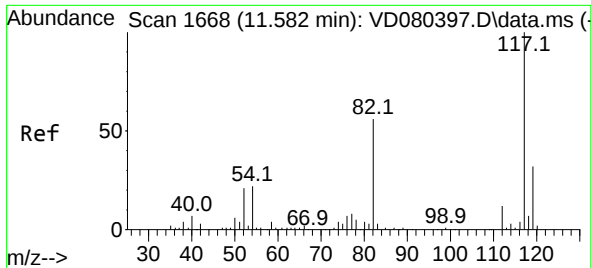
Tgt Ion:107 Resp: 21187
Ion Ratio Lower Upper
107 100
109 97.5 72.6 108.8



#62
4-Bromofluorobenzene
Concen: 19.296 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion: 95 Resp: 32135
Ion Ratio Lower Upper
95 100
174 84.6 0.0 164.8
176 80.6 0.0 158.4

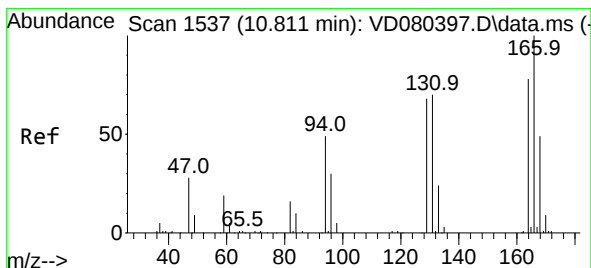
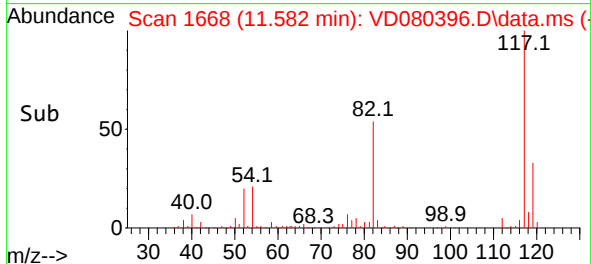
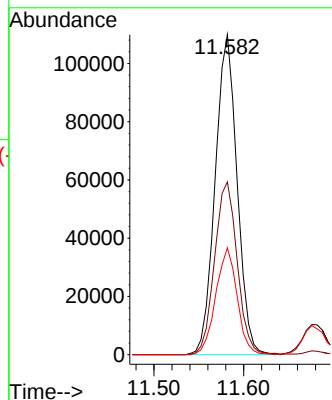
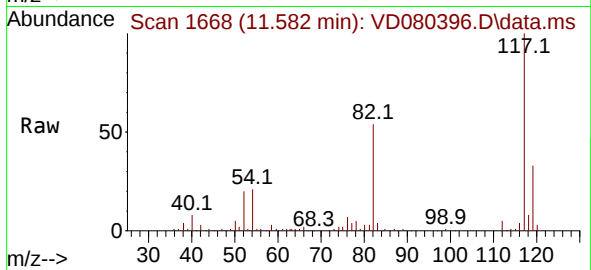




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

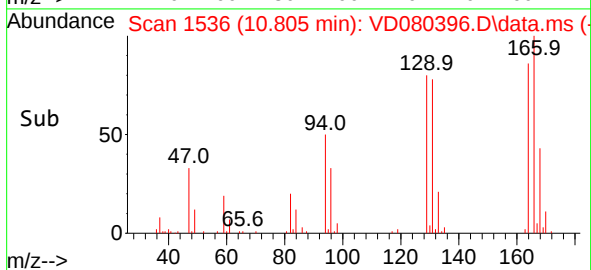
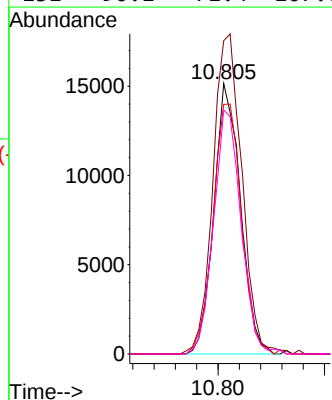
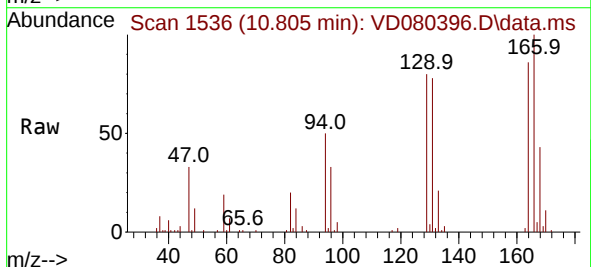
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

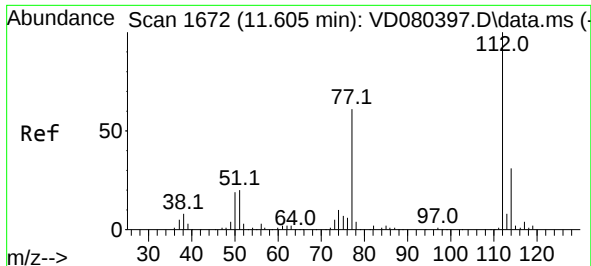
Tgt Ion:117 Resp: 186573
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 33.4 25.6 38.4



#64
Tetrachloroethene
Concen: 20.907 ug/l
RT: 10.805 min Scan# 1536
Delta R.T. -0.006 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion:164 Resp: 26283
Ion Ratio Lower Upper
164 100
166 115.8 102.0 153.0
129 92.3 69.8 104.8
131 90.1 71.4 107.0

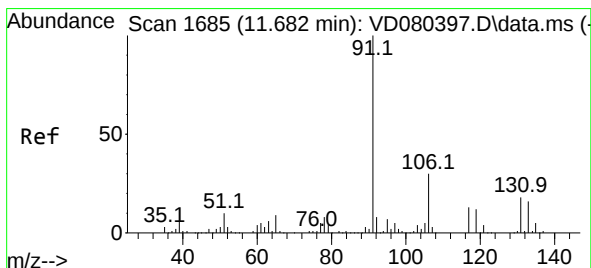
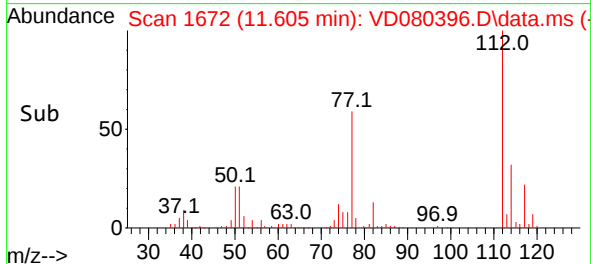
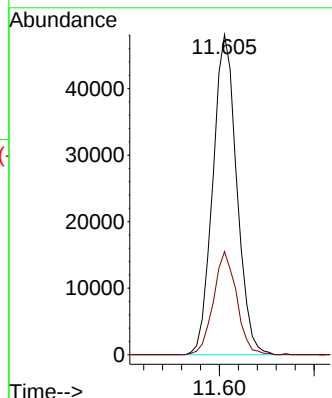
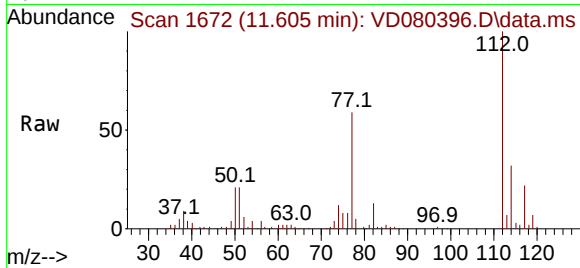




#65
Chlorobenzene
Concen: 20.620 ug/l
RT: 11.605 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

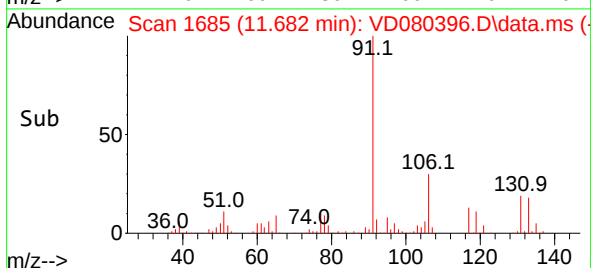
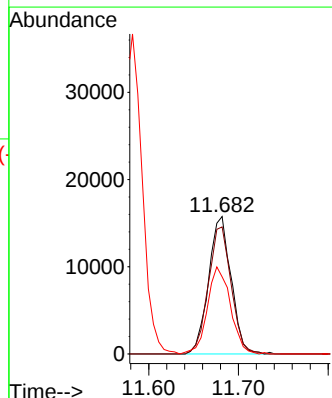
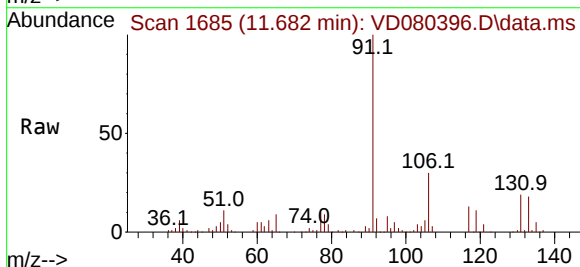
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

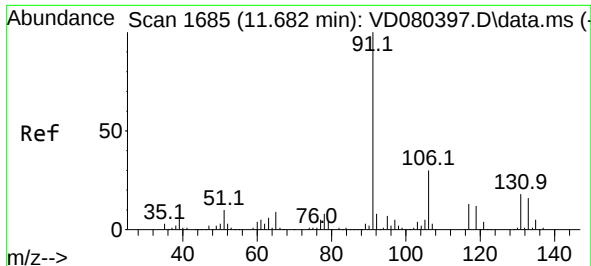
Tgt Ion:112 Resp: 84327
Ion Ratio Lower Upper
112 100
114 32.2 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.914 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion:131 Resp: 27455
Ion Ratio Lower Upper
131 100
133 94.0 47.3 141.8
119 64.8 33.8 101.4

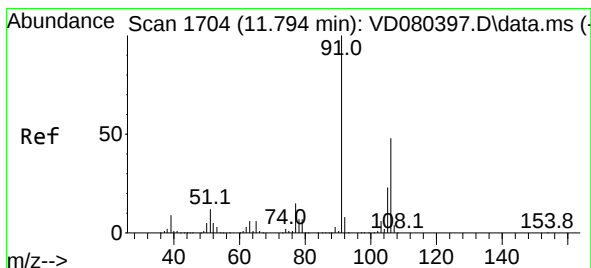
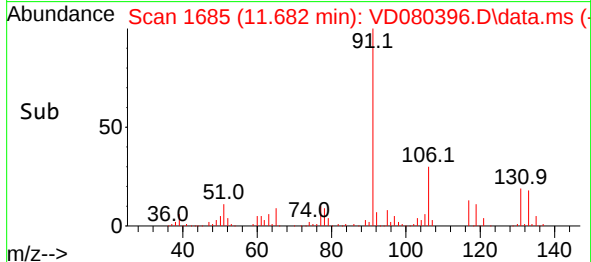
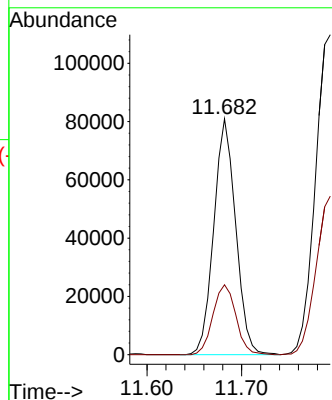
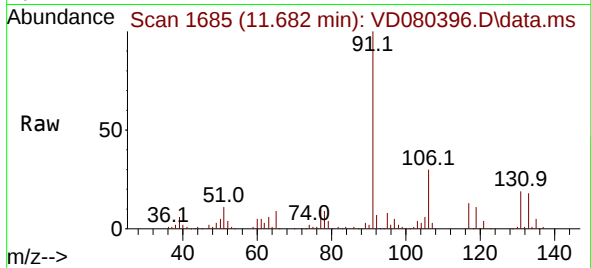




#67
Ethyl Benzene
Concen: 18.852 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

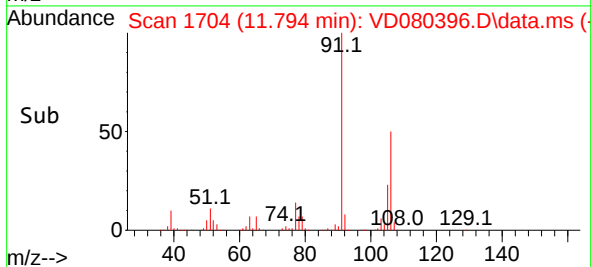
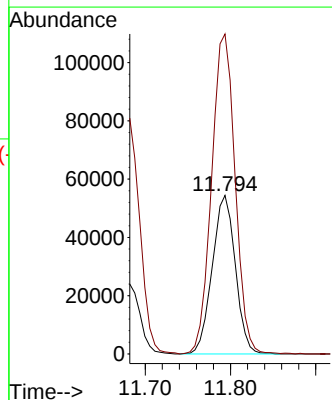
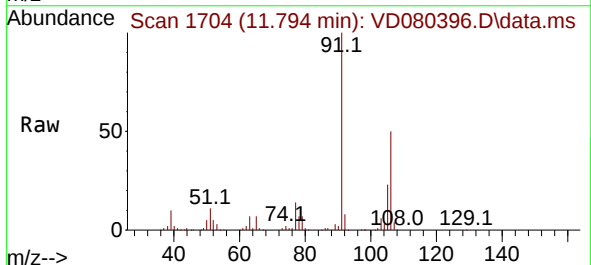
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

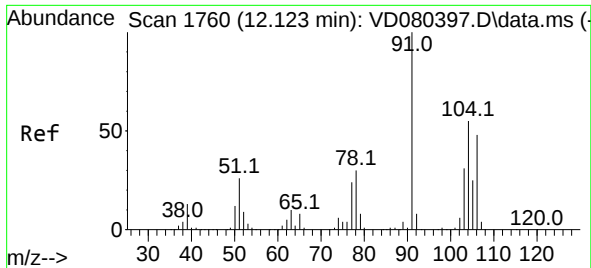
Tgt Ion: 91 Resp: 130121
Ion Ratio Lower Upper
91 100
106 29.7 24.4 36.6



#68
m/p-Xylenes
Concen: 37.879 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion: 106 Resp: 102393
Ion Ratio Lower Upper
106 100
91 205.6 164.6 247.0

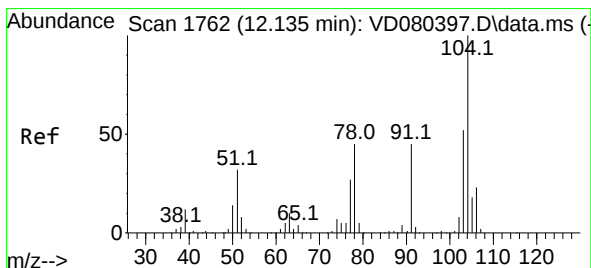
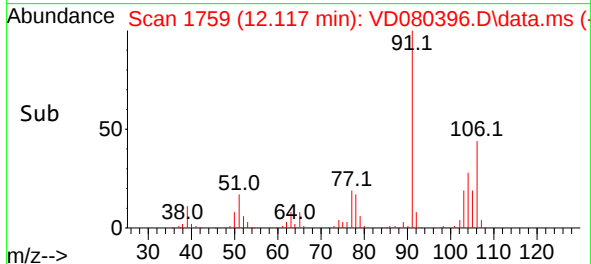
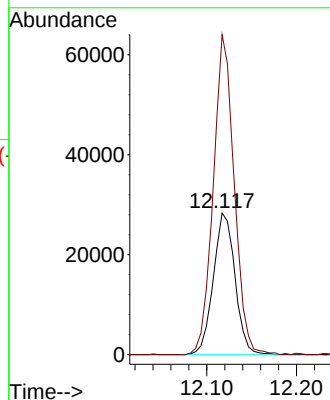
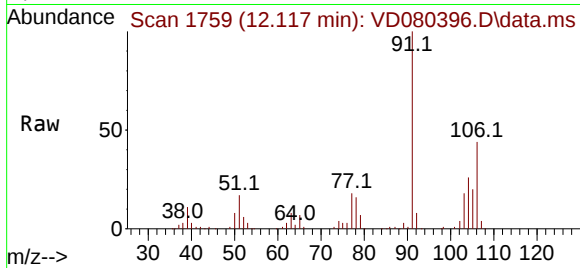




#69
o-Xylene
Concen: 18.935 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. -0.006 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

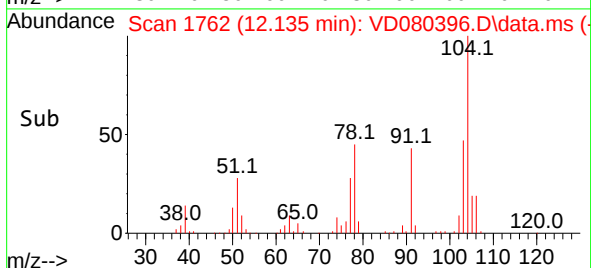
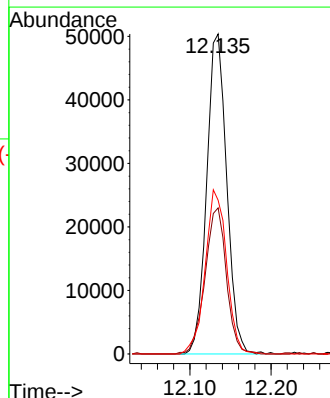
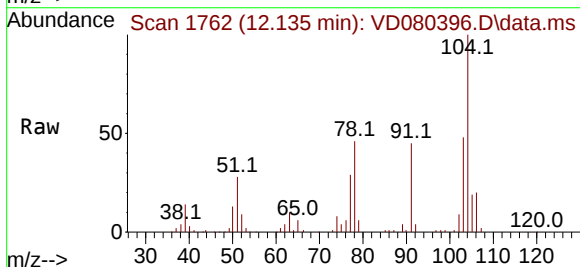
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

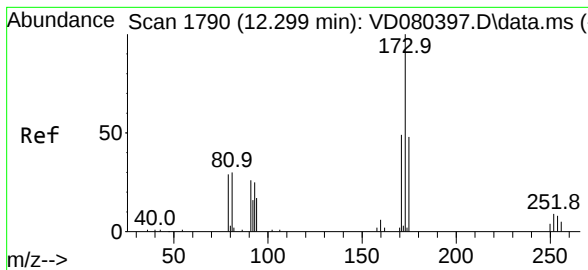
Tgt Ion:106 Resp: 47650
Ion Ratio Lower Upper
106 100
91 218.2 108.0 324.0



#70
Styrene
Concen: 19.425 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion:104 Resp: 86186
Ion Ratio Lower Upper
104 100
78 48.8 39.6 59.4
103 54.8 44.4 66.6

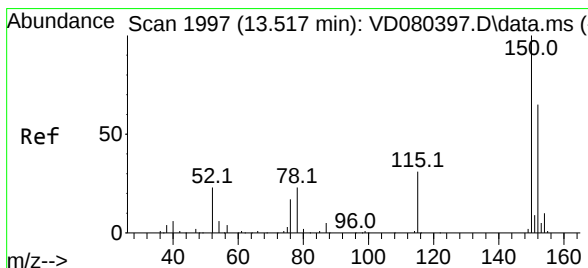
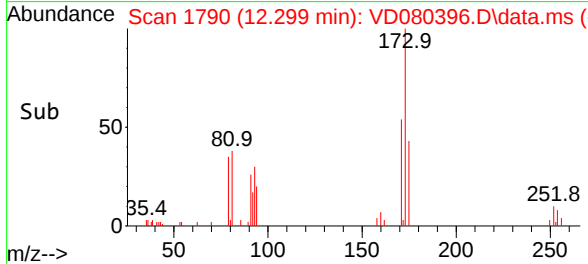
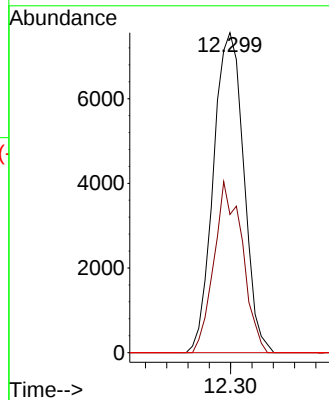
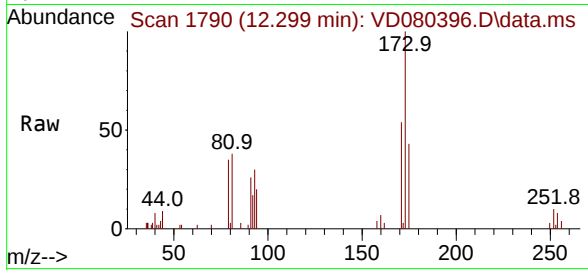




#71
Bromoform
Concen: 19.573 ug/l
RT: 12.299 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

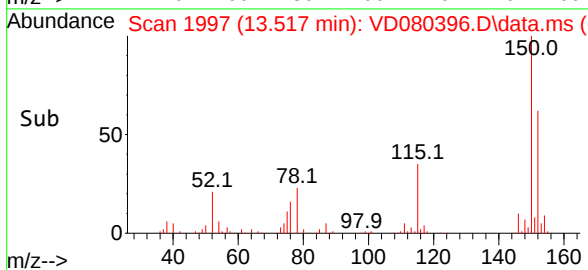
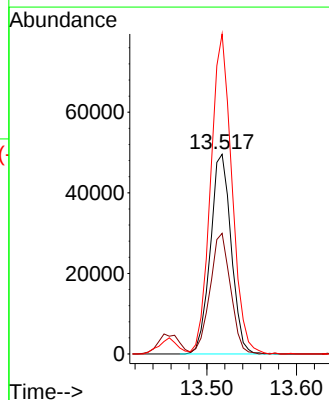
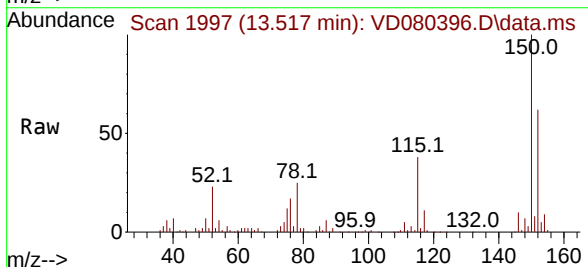
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

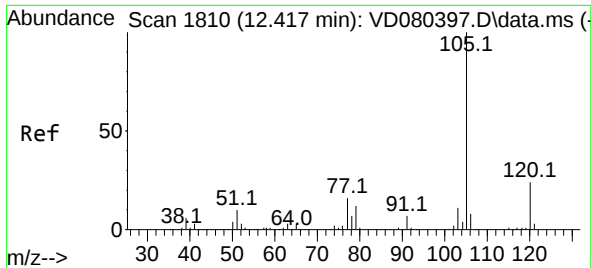
Tgt Ion:173 Resp: 14926
Ion Ratio Lower Upper
173 100
175 50.0 23.8 71.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion:152 Resp: 79709
Ion Ratio Lower Upper
152 100
115 59.7 30.1 90.5
150 163.4 0.0 350.6

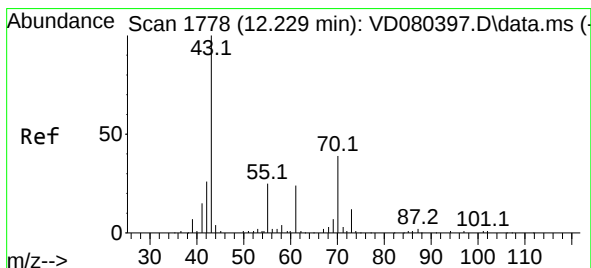
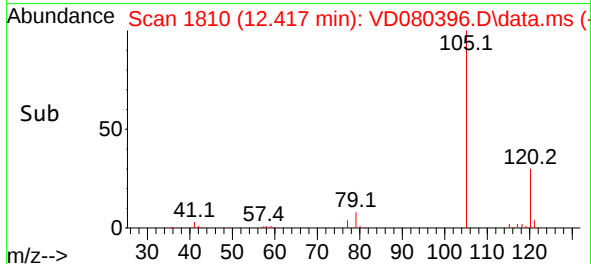
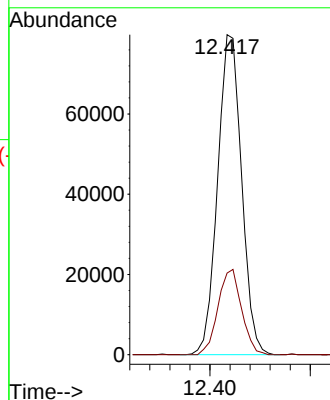
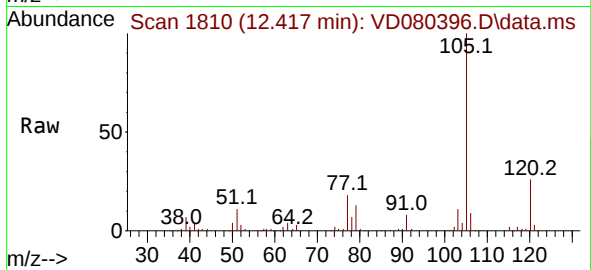




#73
Isopropylbenzene
Concen: 24.123 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

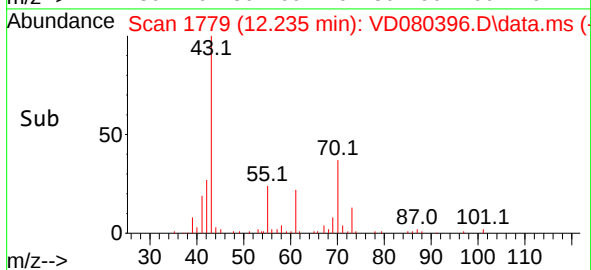
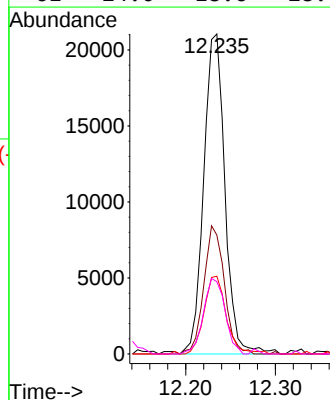
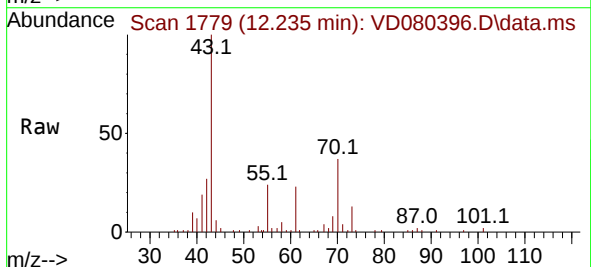
Instrument :
MSVOA_D
ClientSampleId :
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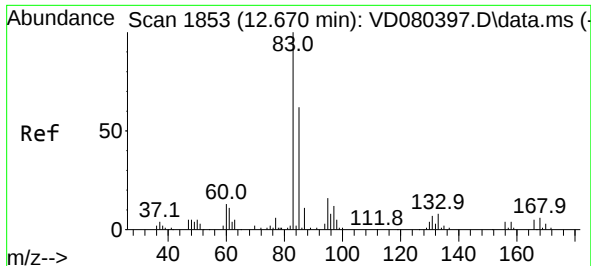
Tgt Ion:105 Resp: 132145
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.6



#74
N-ethyl acetate
Concen: 23.286 ug/l
RT: 12.235 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion: 43 Resp: 34596
Ion Ratio Lower Upper
43 100
70 38.7 33.4 50.0
55 25.5 19.9 29.9
61 24.0 18.6 28.0

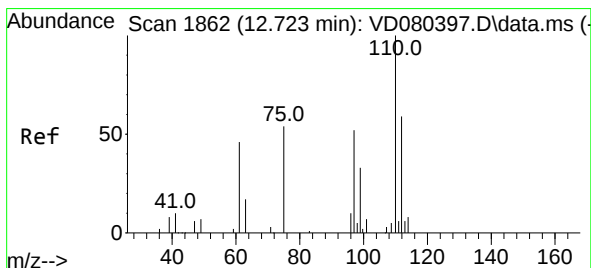
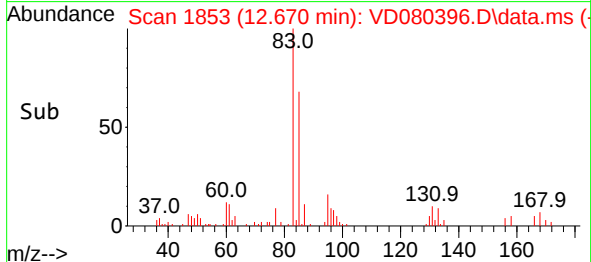
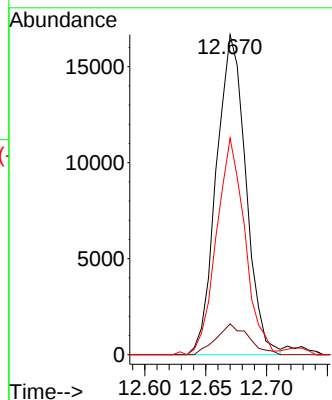
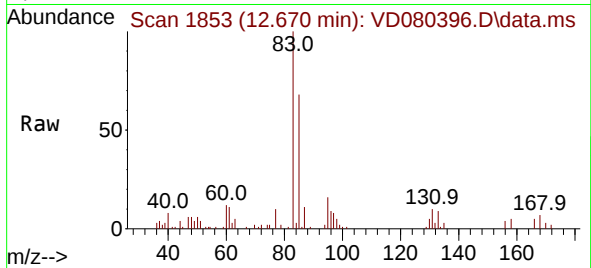




#75
1,1,2,2-Tetrachloroethane
Concen: 24.284 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

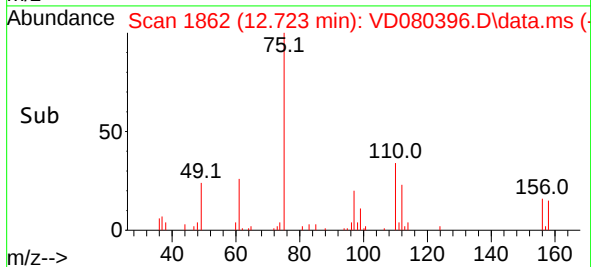
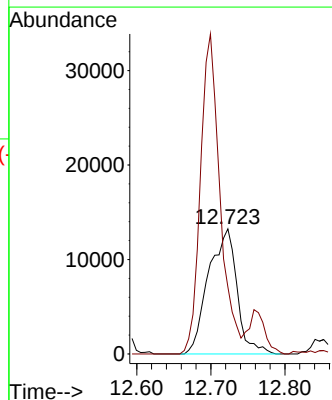
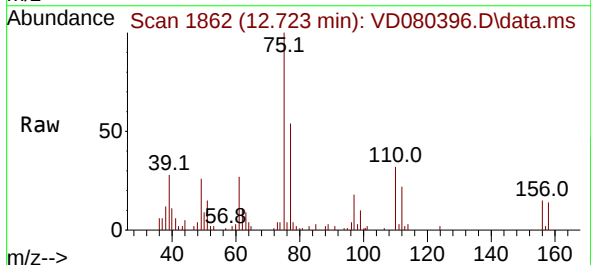
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

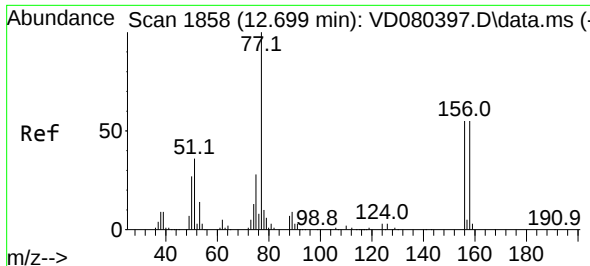
Tgt Ion: 83 Resp: 28119
Ion Ratio Lower Upper
83 100
131 10.5 4.6 13.8
85 65.6 30.9 92.7



#76
1,2,3-Trichloropropane
Concen: 43.162 ug/l
RT: 12.723 min Scan# 1862
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion: 75 Resp: 35383
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

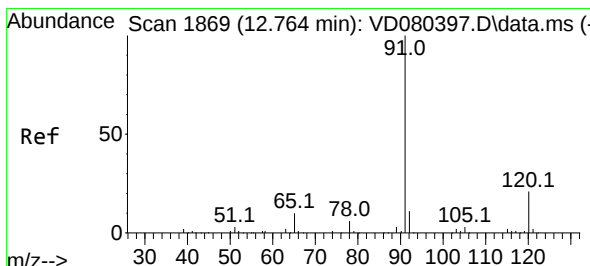
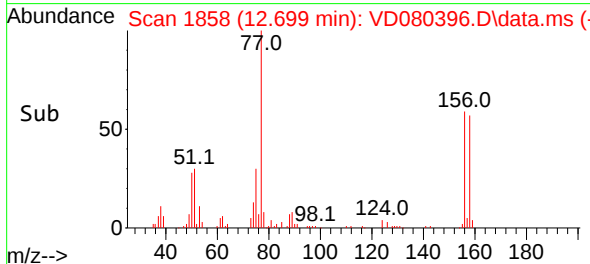
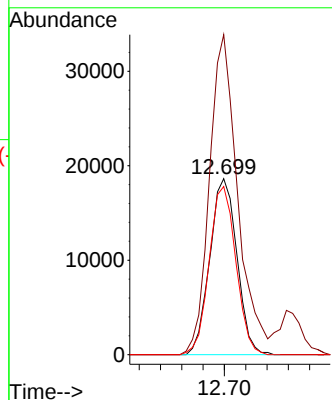
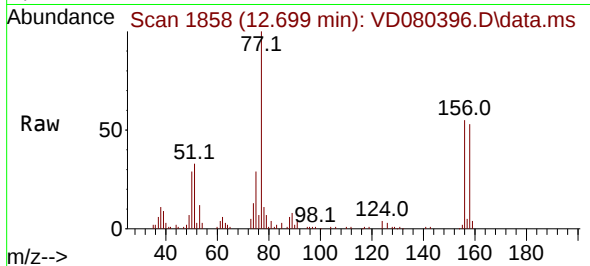




#77
Bromobenzene
Concen: 24.409 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

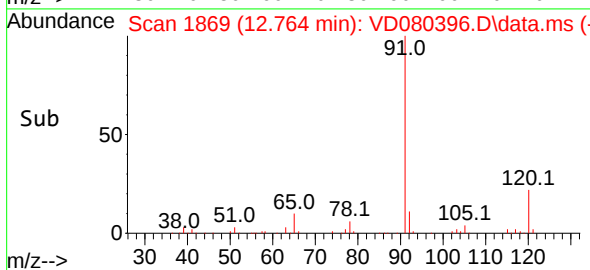
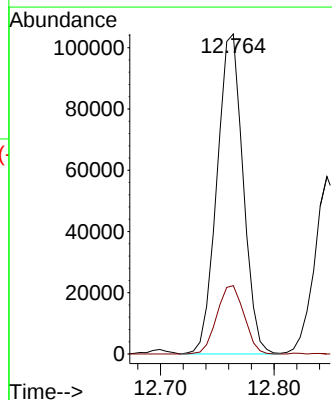
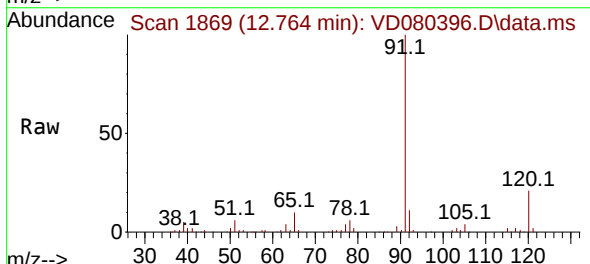
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

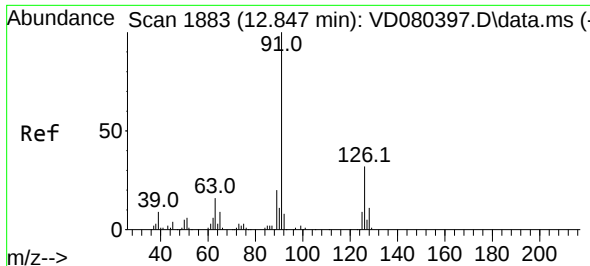
Tgt Ion:156 Resp: 32892
Ion Ratio Lower Upper
156 100
77 189.1 100.0 299.9
158 94.1 49.3 147.9



#78
n-propylbenzene
Concen: 24.557 ug/l
RT: 12.764 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion: 91 Resp: 167255
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.9

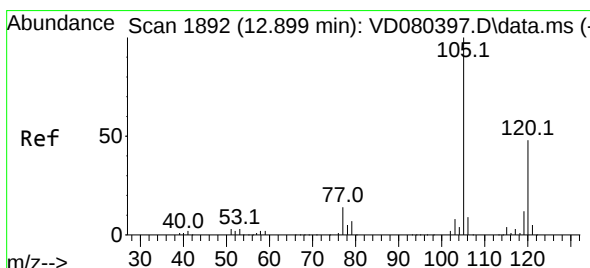
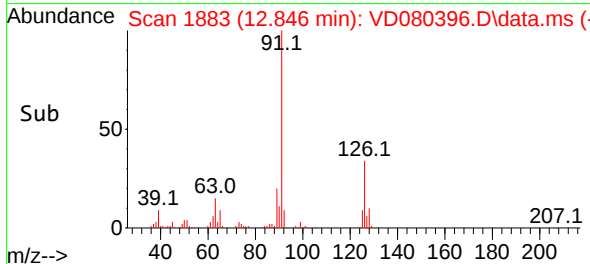
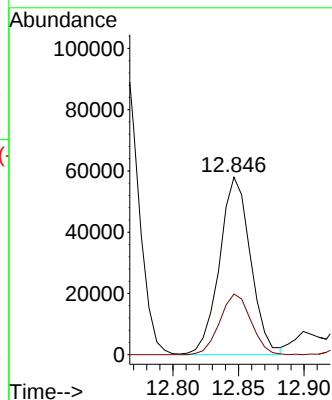
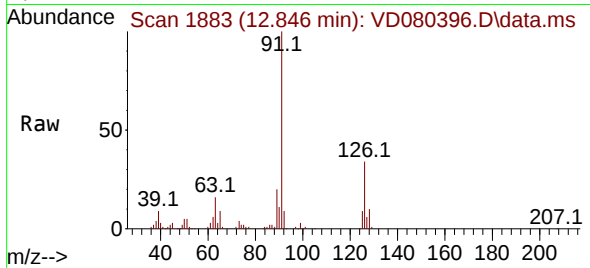




#79
2-Chlorotoluene
Concen: 24.376 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

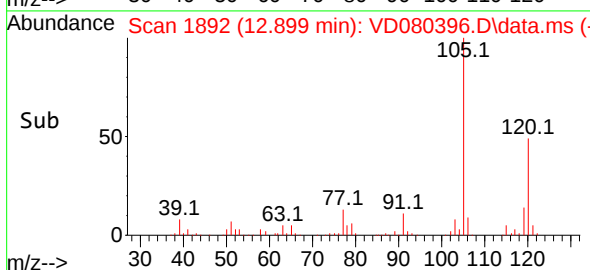
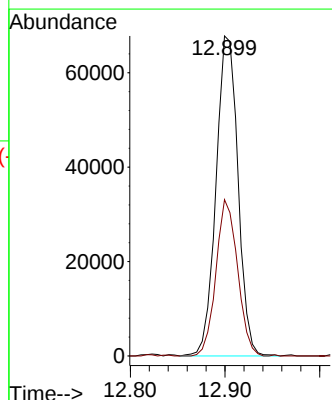
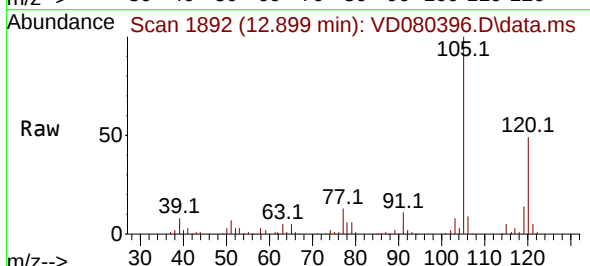
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

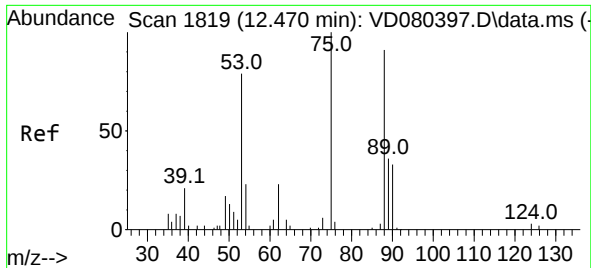
Tgt Ion: 91 Resp: 95621
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.1



#80
1,3,5-Trimethylbenzene
Concen: 23.914 ug/l
RT: 12.899 min Scan# 1892
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion: 105 Resp: 109341
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3

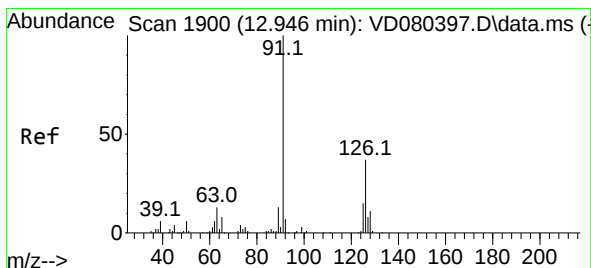
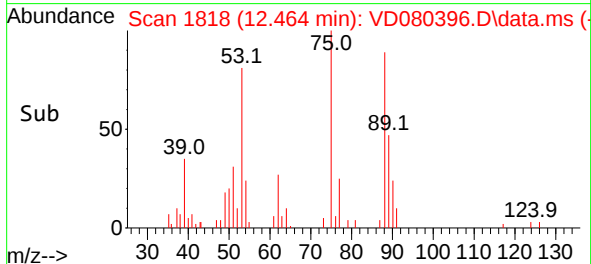
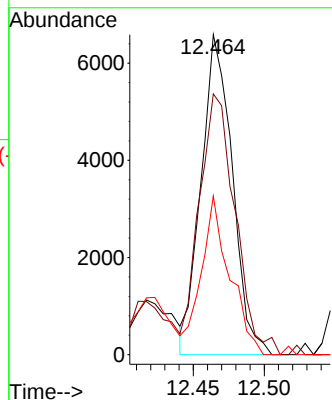
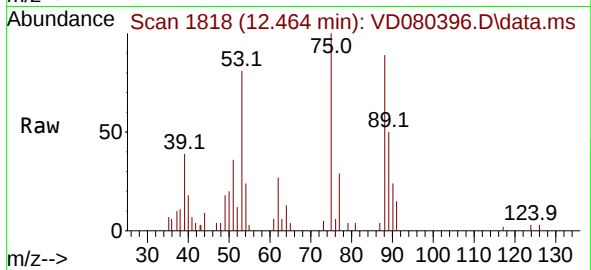




#81
trans-1,4-Dichloro-2-butene
Concen: 24.509 ug/l
RT: 12.464 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

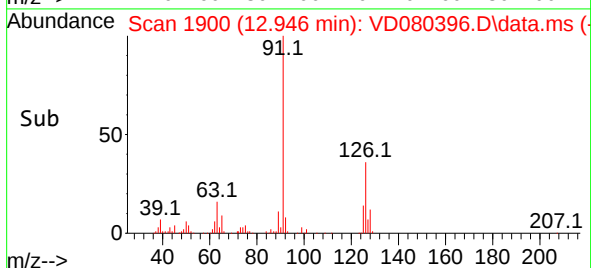
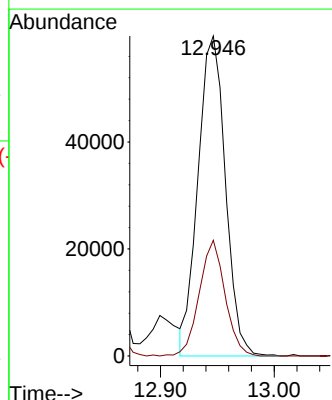
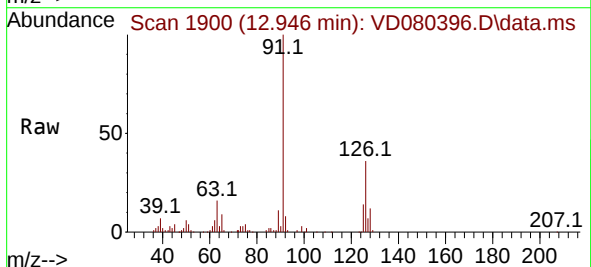
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

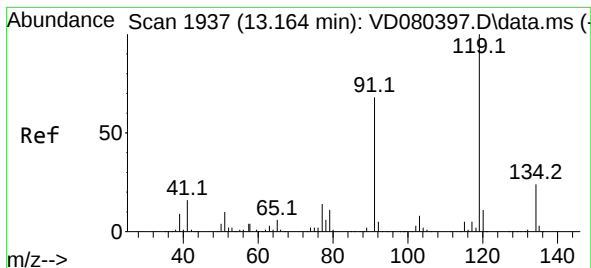
Tgt Ion: 75 Resp: 10056
Ion Ratio Lower Upper
75 100
53 93.6 72.3 108.5
89 45.5 35.7 53.5



#82
4-Chlorotoluene
Concen: 23.963 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion: 91 Resp: 100301
Ion Ratio Lower Upper
91 100
126 33.9 17.0 51.0





#83

tert-Butylbenzene

Concen: 22.182 ug/l

RT: 13.164 min Scan# 1937

Delta R.T. -0.000 min

Lab File: VD080396.D

Acq: 30 May 2025 09:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

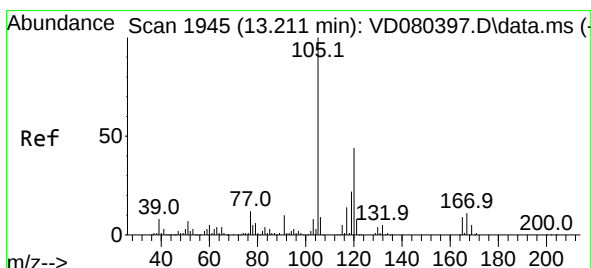
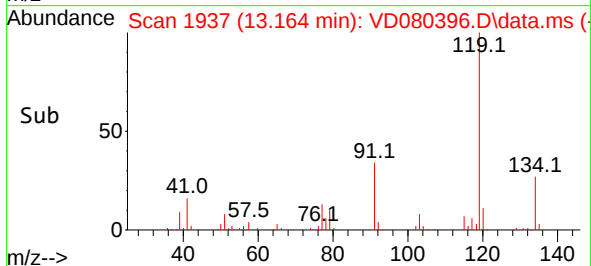
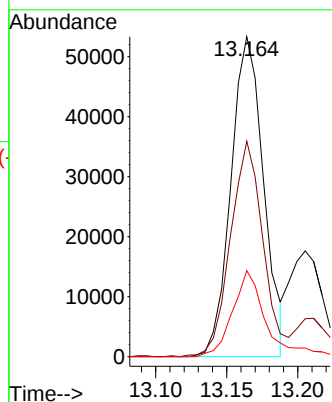
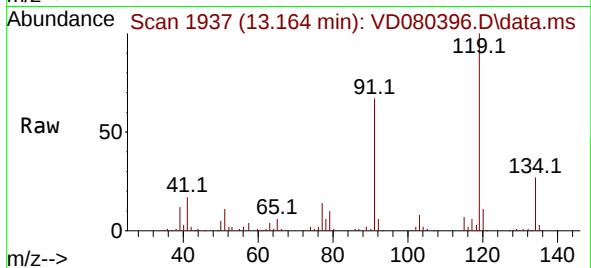
Tgt Ion:119 Resp: 85246

Ion Ratio Lower Upper

119 100

91 67.3 33.7 101.1

134 27.2 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 21.554 ug/l

RT: 13.205 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VD080396.D

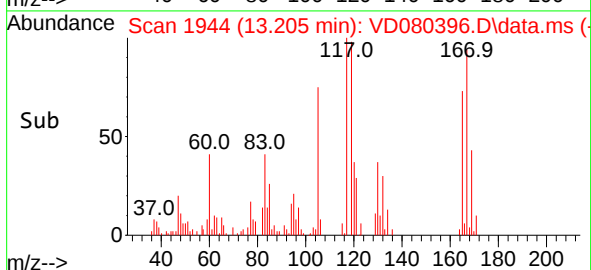
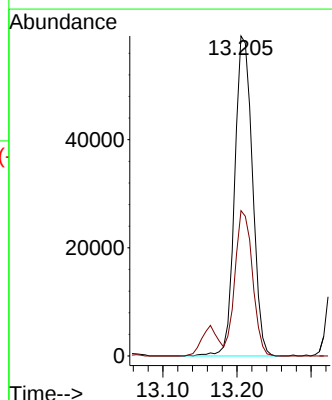
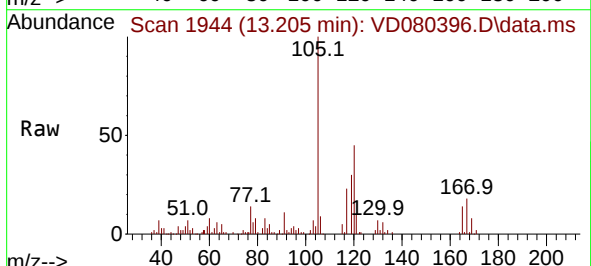
Acq: 30 May 2025 09:51

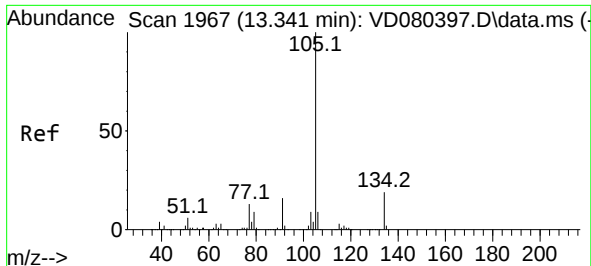
Tgt Ion:105 Resp: 98047

Ion Ratio Lower Upper

105 100

120 45.0 22.4 67.0

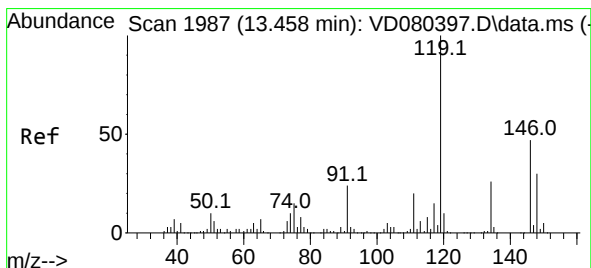
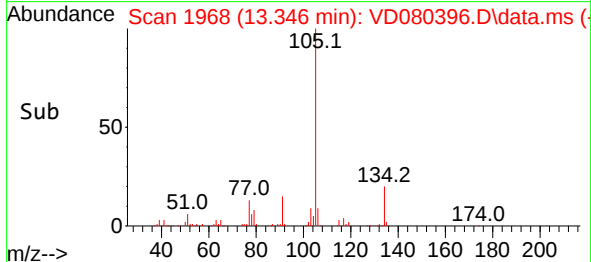
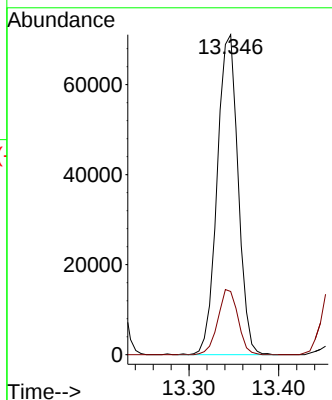
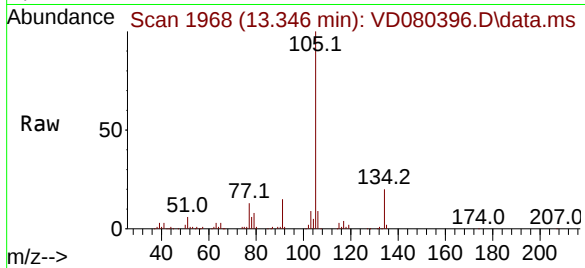




#85
 sec-Butylbenzene
 Concen: 19.845 ug/l
 RT: 13.346 min Scan# 1967
 Delta R.T. 0.006 min
 Lab File: VD080396.D
 Acq: 30 May 2025 09:51

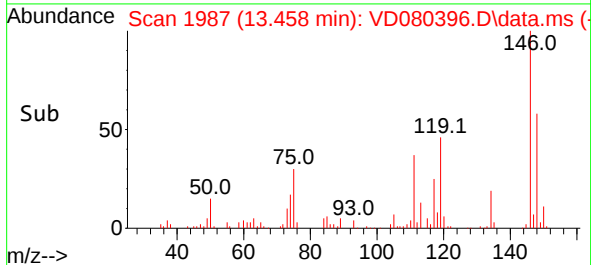
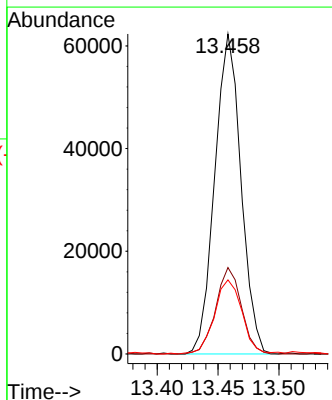
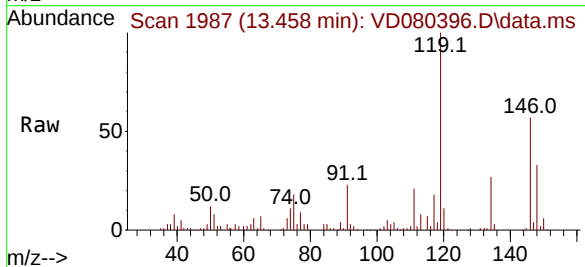
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

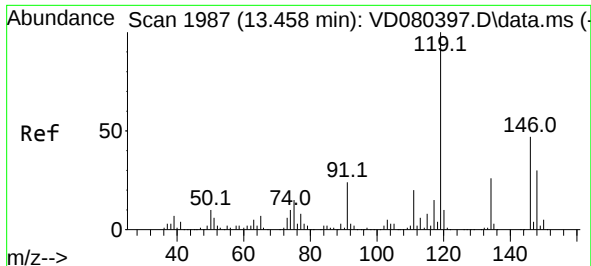
Tgt Ion:105 Resp: 115036
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 19.164 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080396.D
 Acq: 30 May 2025 09:51

Tgt Ion:119 Resp: 93352
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 24.5 12.4 37.0

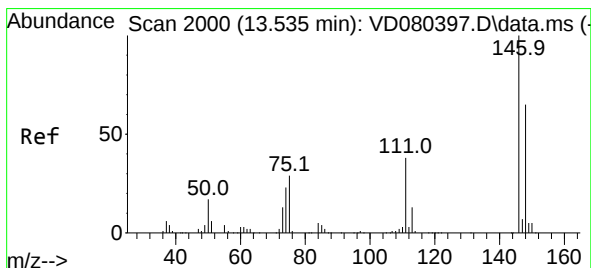
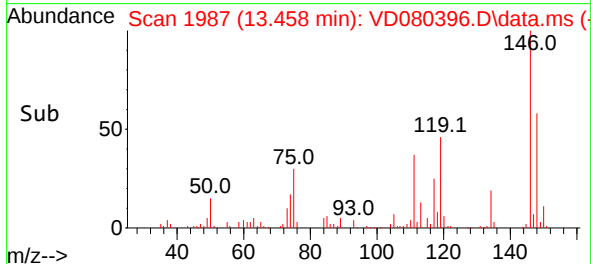
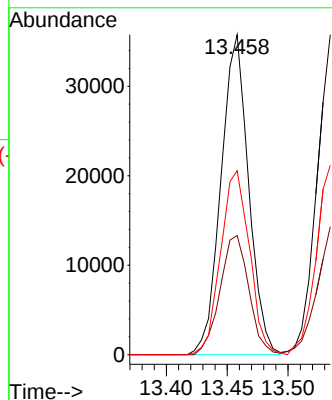
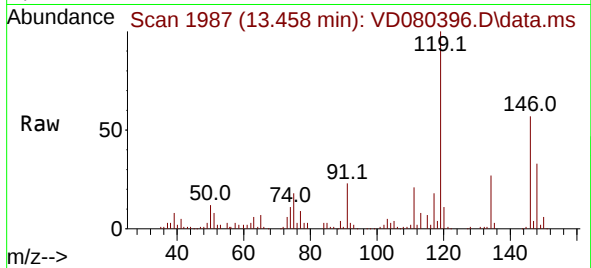




#87
 1,3-Dichlorobenzene
 Concen: 20.420 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080396.D
 Acq: 30 May 2025 09:51

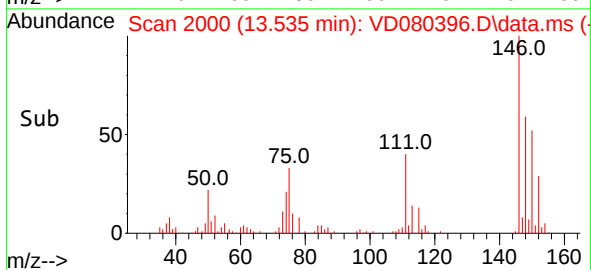
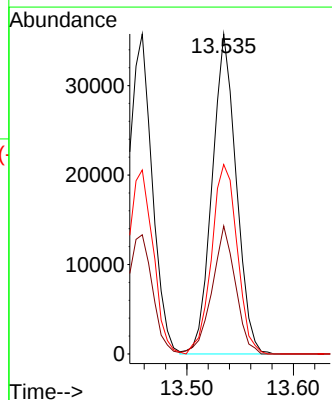
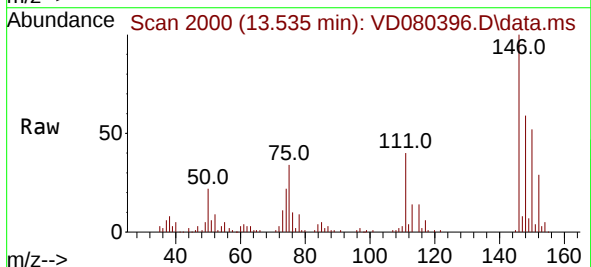
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

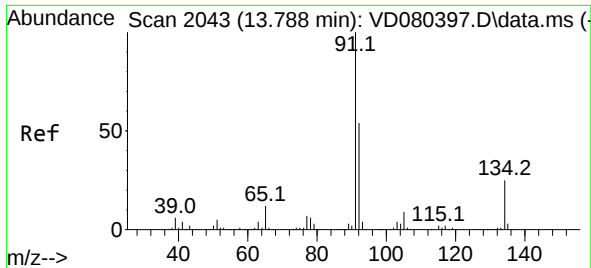
Tgt Ion:146 Resp: 56393
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.3 60.8
 148 60.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.356 ug/l
 RT: 13.535 min Scan# 2000
 Delta R.T. -0.000 min
 Lab File: VD080396.D
 Acq: 30 May 2025 09:51

Tgt Ion:146 Resp: 56193
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.9 59.6
 148 62.9 32.6 98.0

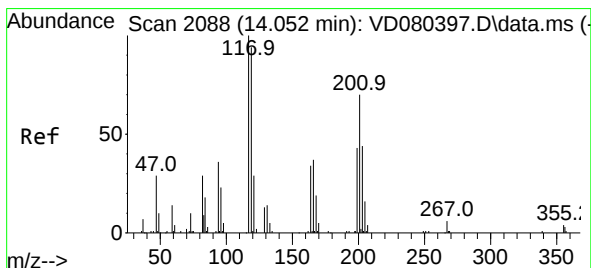
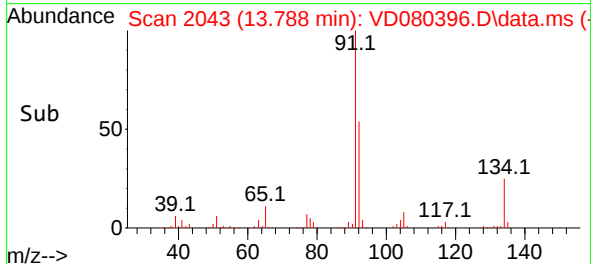
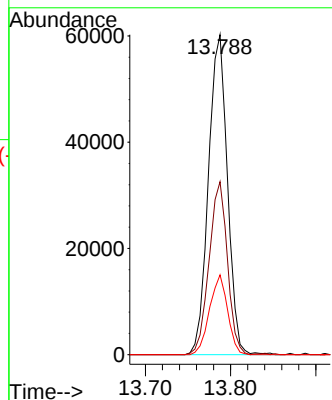
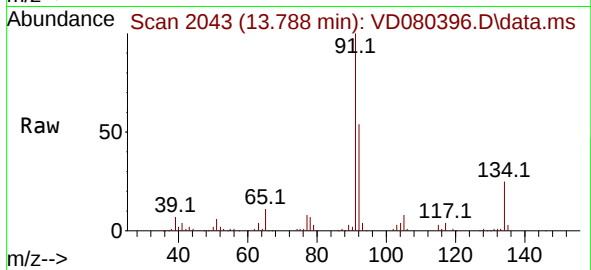




#89
n-Butylbenzene
Concen: 18.892 ug/l
RT: 13.788 min Scan# 2043
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

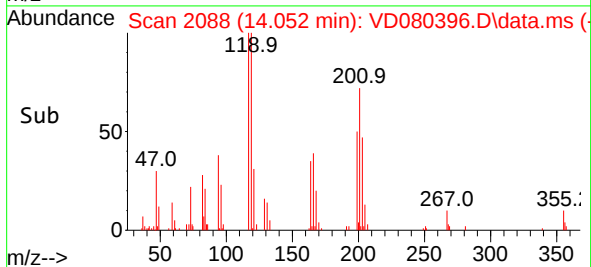
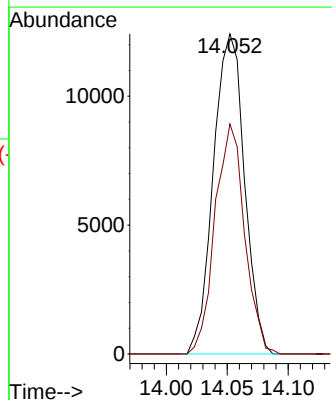
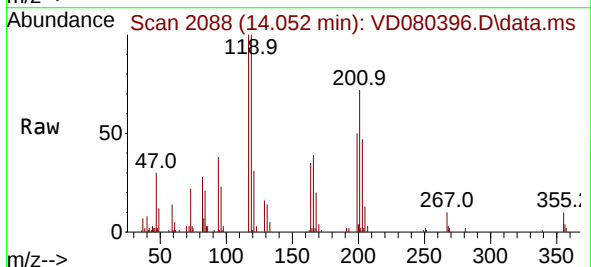
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

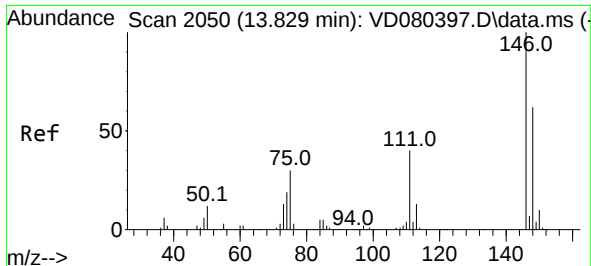
Tgt Ion: 91 Resp: 93277
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.2
134 23.8 12.3 36.9



#90
Hexachloroethane
Concen: 20.468 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

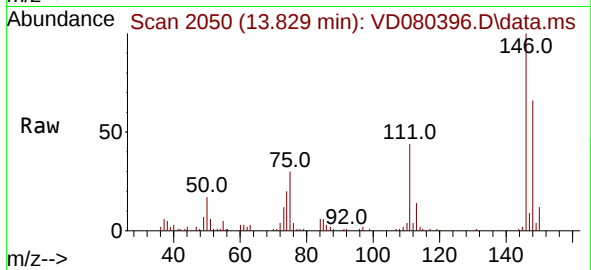
Tgt Ion: 117 Resp: 22112
Ion Ratio Lower Upper
117 100
201 68.3 36.1 108.3



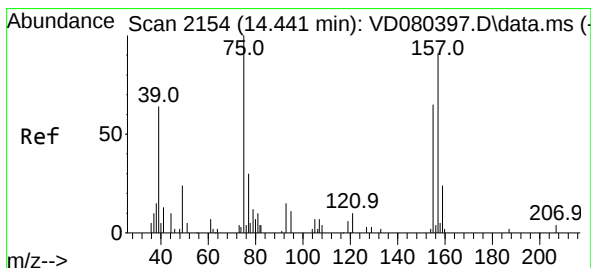
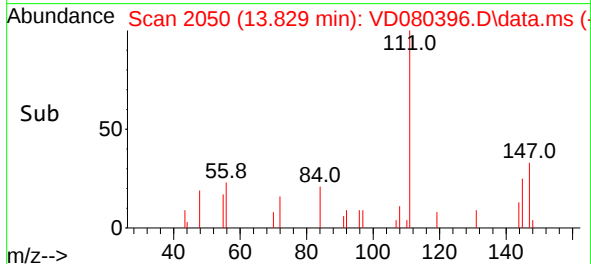
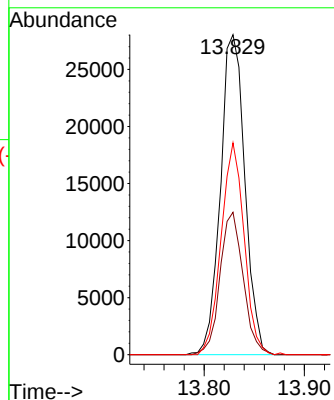


#91
1,2-Dichlorobenzene
Concen: 19.855 ug/l
RT: 13.829 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

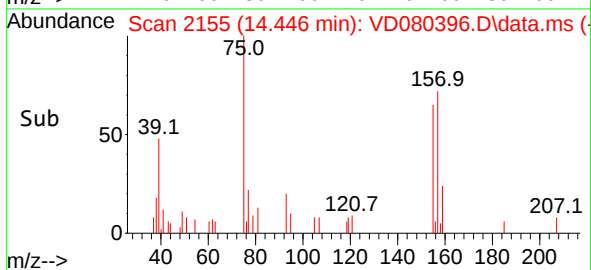
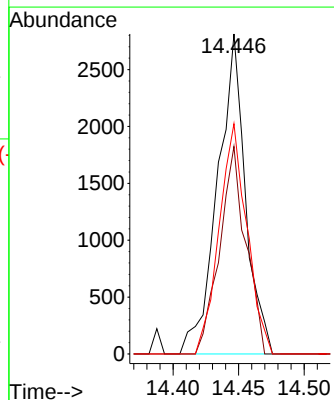
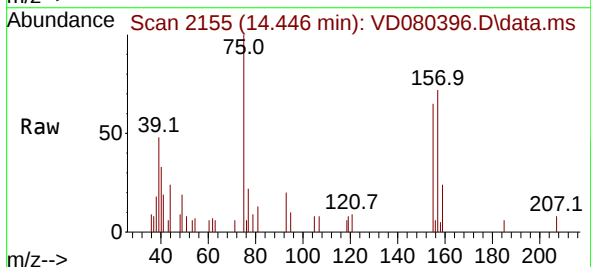


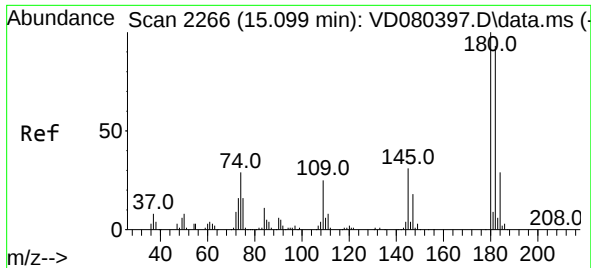
Tgt Ion:	146	Resp:	47382
Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.5	61.5
148	62.5	31.8	95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.028 ug/l
RT: 14.446 min Scan# 2155
Delta R.T. 0.005 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion:	75	Resp:	4155
Ion	Ratio	Lower	Upper
75	100		
155	61.0	35.8	107.3
157	71.9	44.8	134.3

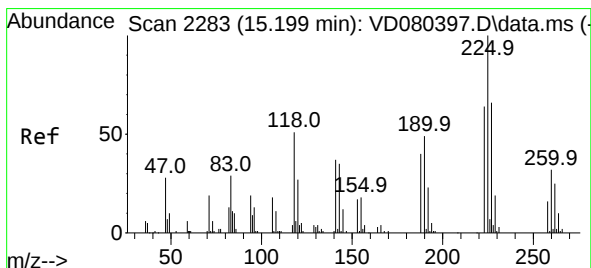
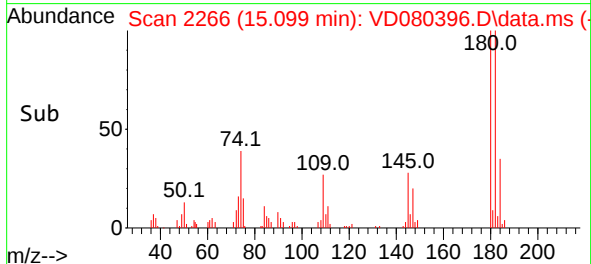
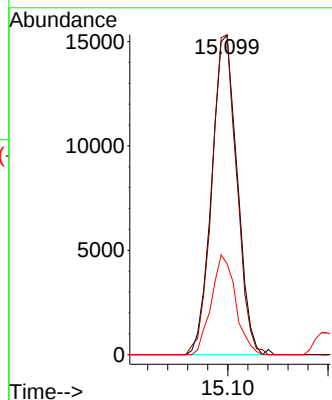
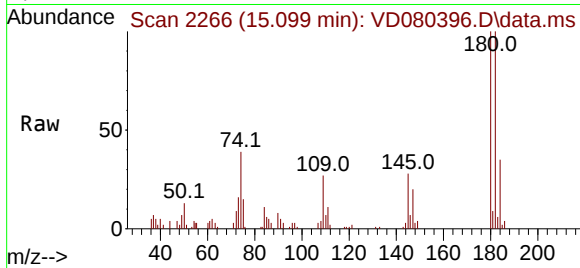




#93
 1,2,4-Trichlorobenzene
 Concen: 17.980 ug/l
 RT: 15.099 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080396.D
 Acq: 30 May 2025 09:51

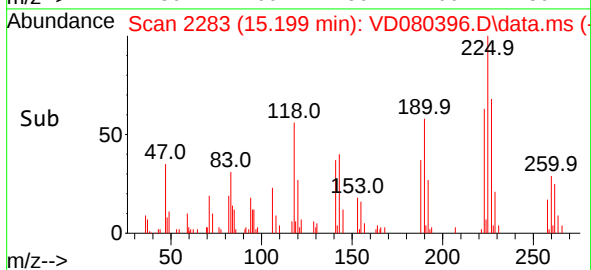
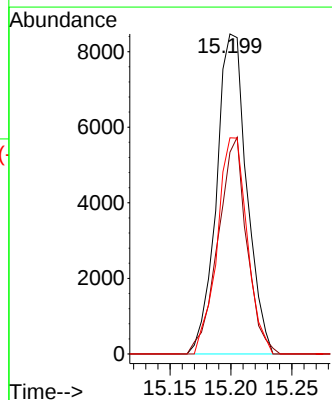
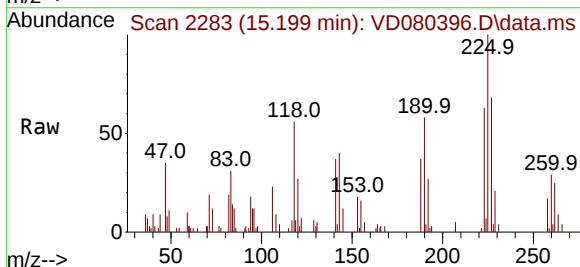
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

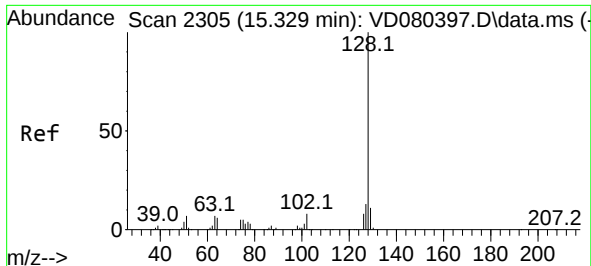
Tgt Ion:180 Resp: 26998
 Ion Ratio Lower Upper
 180 100
 182 97.4 46.9 140.7
 145 29.7 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 18.588 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: VD080396.D
 Acq: 30 May 2025 09:51

Tgt Ion:225 Resp: 14651
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.4 94.0
 227 66.7 31.6 95.0

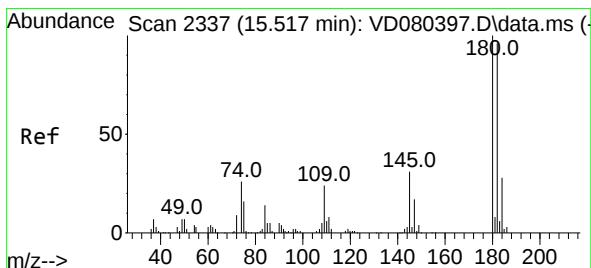
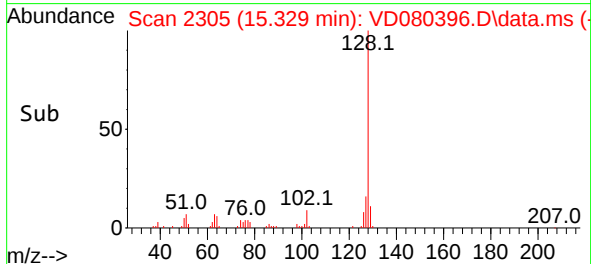
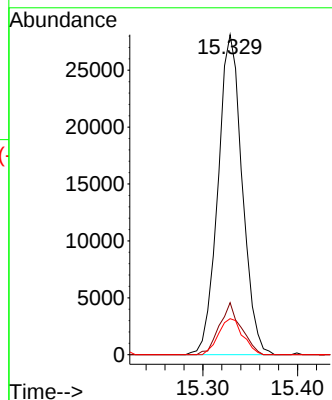
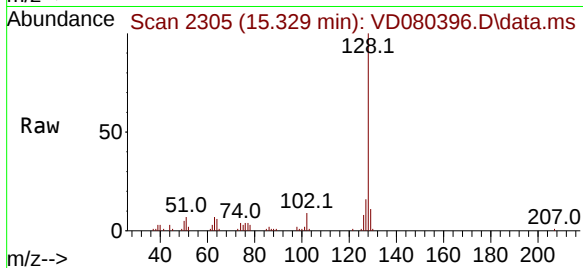




#95
Naphthalene
Concen: 18.298 ug/l
RT: 15.329 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 50044
Ion Ratio Lower Upper
128 100
127 16.3 10.7 16.1#
129 11.3 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 18.046 ug/l
RT: 15.523 min Scan# 2338
Delta R.T. 0.006 min
Lab File: VD080396.D
Acq: 30 May 2025 09:51

Tgt Ion:180 Resp: 24649
Ion Ratio Lower Upper
180 100
182 97.9 47.0 141.2
145 31.9 15.4 46.4

