

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053025\
 Data File : VD080398.D
 Acq On : 30 May 2025 10:43
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: May 31 00:42:42 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	145377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	227616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	232379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	124824	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	157974	87.031	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 174.060%#	
35) Dibromofluoromethane	7.806	113	158554	107.173	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 214.340%#	
50) Toluene-d8	10.270	98	686249	115.287	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 230.580%#	
62) 4-Bromofluorobenzene	12.570	95	221775	121.718	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 243.440%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.935	85	129472	77.780	ug/l	95
3) Chloromethane	2.153	50	245027	86.302	ug/l	95
4) Vinyl Chloride	2.288	62	283946	89.527	ug/l	97
5) Bromomethane	2.694	94	183016	81.232	ug/l	98
6) Chloroethane	2.841	64	188665	87.415	ug/l	95
7) Trichlorofluoromethane	3.176	101	258421	88.665	ug/l	98
8) Diethyl Ether	3.594	74	80157	93.295	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.971	101	142924	81.016	ug/l	99
10) Methyl Iodide	4.171	142	171884	98.844	ug/l	99
11) Tert butyl alcohol	5.047	59	49027	468.288	ug/l	99
12) 1,1-Dichloroethene	3.941	96	152780	90.767	ug/l	93
13) Acrolein	3.800	56	84786	468.357	ug/l	100
14) Allyl chloride	4.565	41	269328	97.090	ug/l	99
15) Acrylonitrile	5.259	53	207800	493.194	ug/l	99
16) Acetone	4.024	43	148326	436.306	ug/l	93
17) Carbon Disulfide	4.271	76	523360	86.466	ug/l	99
18) Methyl Acetate	4.565	43	99911	85.035	ug/l	100
19) Methyl tert-butyl Ether	5.318	73	385120	103.097	ug/l	100
20) Methylene Chloride	4.806	84	184114	78.907	ug/l	95
21) trans-1,2-Dichloroethene	5.318	96	177109	96.228	ug/l	96
22) Diisopropyl ether	6.218	45	553761	97.648	ug/l	99
23) Vinyl Acetate	6.153	43	1657065	511.853	ug/l	99
24) 1,1-Dichloroethane	6.112	63	309923	87.830	ug/l	98
25) 2-Butanone	7.082	43	260472	511.658	ug/l	93
26) 2,2-Dichloropropane	7.076	77	268180	95.381	ug/l	100
27) cis-1,2-Dichloroethene	7.082	96	209670	99.492	ug/l	98
28) Bromochloromethane	7.423	49	142848	86.270	ug/l	99
29) Tetrahydrofuran	7.447	42	164370	480.077	ug/l	99
30) Chloroform	7.600	83	336493	94.196	ug/l	99
31) Cyclohexane	7.876	56	297426	94.259	ug/l	95
32) 1,1,1-Trichloroethane	7.794	97	276706	92.528	ug/l	98
36) 1,1-Dichloropropene	8.006	75	239370	105.271	ug/l	98
37) Ethyl Acetate	7.170	43	121835	109.396	ug/l	98
38) Carbon Tetrachloride	7.994	117	228748	99.293	ug/l	97
39) Methylcyclohexane	9.276	83	281823	109.282	ug/l	97
40) Benzene	8.253	78	682576	99.367	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	66286	105.536	ug/l #	91
42) 1,2-Dichloroethane	8.329	62	188253	95.795	ug/l	99
43) Isopropyl Acetate	8.359	43	219979	106.796	ug/l	97
44) Trichloroethene	9.029	130	160628	99.702	ug/l	99
45) 1,2-Dichloropropane	9.306	63	176640	100.226	ug/l	99
46) Dibromomethane	9.394	93	92418	96.850	ug/l	99
47) Bromodichloromethane	9.582	83	230567	95.440	ug/l	98
48) Methyl methacrylate	9.382	41	105363	105.119	ug/l	97
49) 1,4-Dioxane	9.388	88	20084	1980.605	ug/l	87
51) 4-Methyl-2-Pentanone	10.158	43	650244	598.172	ug/l	98
52) Toluene	10.335	92	498375	119.594	ug/l	98
53) t-1,3-Dichloropropene	10.553	75	259017	116.230	ug/l	98
54) cis-1,3-Dichloropropene	10.017	75	300243	117.637	ug/l	98
55) 1,1,2-Trichloroethane	10.729	97	140433	110.049	ug/l	95
56) Ethyl methacrylate	10.594	69	196980	104.293	ug/l	99
57) 1,3-Dichloropropane	10.876	76	244780	112.266	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.870	63	401093	616.718	ug/l	100
59) 2-Hexanone	10.917	43	444815	604.697	ug/l	96
60) Dibromochloromethane	11.070	129	174808	112.326	ug/l	97
61) 1,2-Dibromoethane	11.176	107	128846	112.583	ug/l	95
64) Tetrachloroethene	10.811	164	155054	99.028	ug/l	98
65) Chlorobenzene	11.605	112	515344	101.176	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.682	131	174882	101.846	ug/l	99
67) Ethyl Benzene	11.682	91	964730	112.219	ug/l	99
68) m/p-Xylenes	11.794	106	740198	219.848	ug/l	99
69) o-Xylene	12.117	106	342296	109.210	ug/l	99
70) Styrene	12.135	104	611039	110.575	ug/l	100
71) Bromoform	12.294	173	103646	109.122	ug/l #	98
73) Isopropylbenzene	12.417	105	887745	103.484	ug/l	99
74) N-amyl acetate	12.229	43	244957	105.286	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	168034	92.666	ug/l	97
76) 1,2,3-Trichloropropane	12.723	75	221782	172.758	ug/l #	100
77) Bromobenzene	12.700	156	210488	99.745	ug/l	96
78) n-propylbenzene	12.758	91	1117625	104.788	ug/l	100
79) 2-Chlorotoluene	12.847	91	633112	103.061	ug/l	100
80) 1,3,5-Trimethylbenzene	12.900	105	758510	105.934	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	62475	97.234	ug/l	99
82) 4-Chlorotoluene	12.947	91	670629	102.312	ug/l	99
83) tert-Butylbenzene	13.164	119	641491	106.594	ug/l	100
84) 1,2,4-Trimethylbenzene	13.211	105	782386	109.832	ug/l	100
85) sec-Butylbenzene	13.341	105	980253	107.987	ug/l	100
86) p-Isopropyltoluene	13.458	119	844257	110.674	ug/l	98
87) 1,3-Dichlorobenzene	13.458	146	440602	101.879	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	425793	98.495	ug/l	98
89) n-Butylbenzene	13.788	91	808189	104.527	ug/l	99
90) Hexachloroethane	14.052	117	162561	96.090	ug/l	100
91) 1,2-Dichlorobenzene	13.829	146	382367	102.318	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.441	75	27229	92.180	ug/l	92
93) 1,2,4-Trichlorobenzene	15.099	180	246035	91.331	ug/l	99
94) Hexachlorobutadiene	15.199	225	122601	99.325	ug/l	99
95) Naphthalene	15.329	128	478467	90.332	ug/l	98
96) 1,2,3-Trichlorobenzene	15.517	180	220848	92.077	ug/l	98

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ClientSampleId :
VSTDICC100

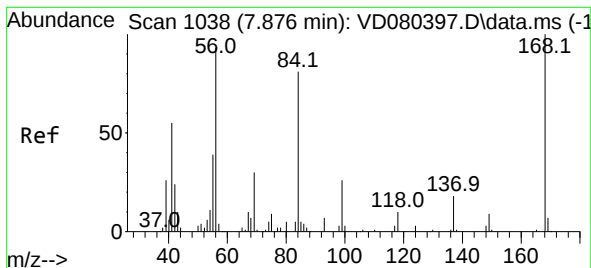
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Quant Title : SW846 8260
QLast Update : Sat May 31 00:36:06 2025
Response via : Initial Calibration

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

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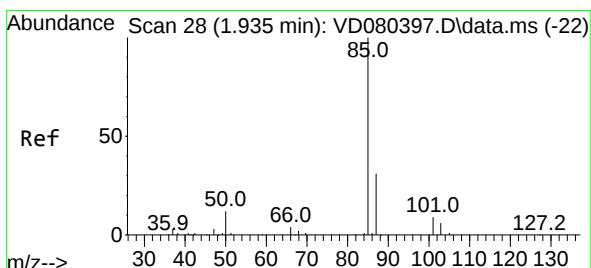
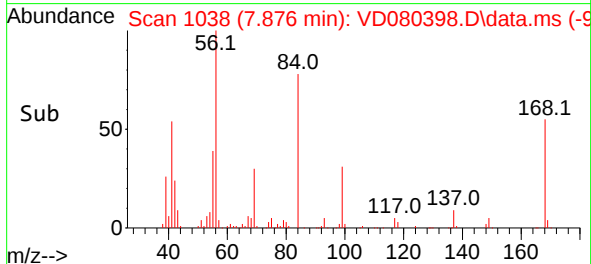
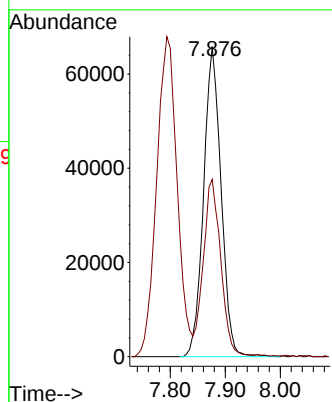
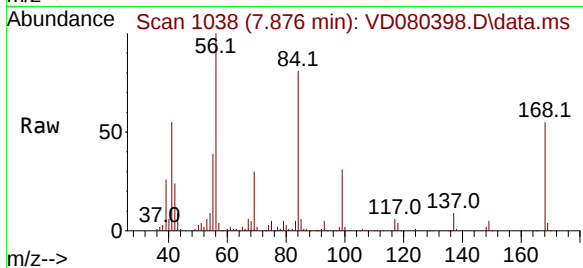




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

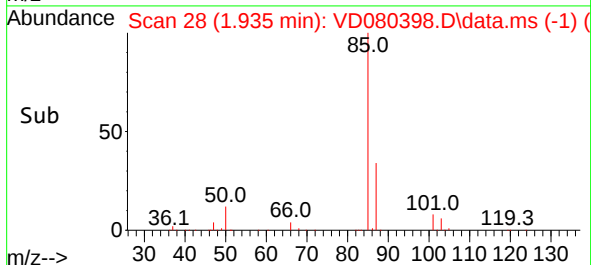
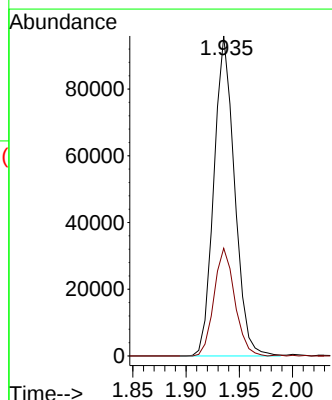
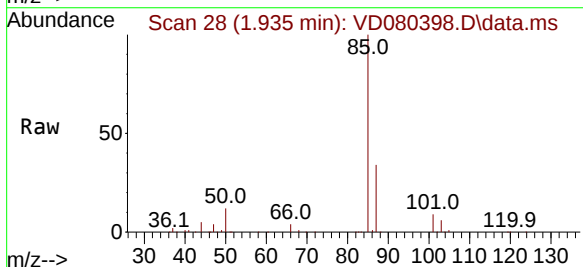
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

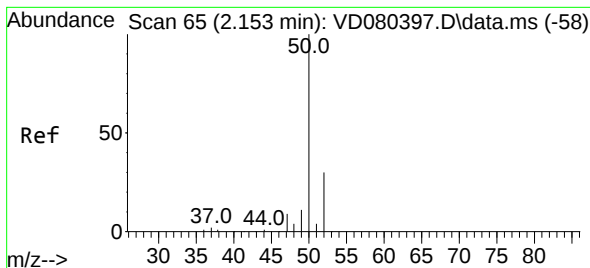
Tgt Ion:168 Resp: 145377
Ion Ratio Lower Upper
168 100
99 56.9 47.5 71.3



#2
Dichlorodifluoromethane
Concen: 77.780 ug/l
RT: 1.935 min Scan# 28
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion: 85 Resp: 129472
Ion Ratio Lower Upper
85 100
87 33.6 15.6 46.7





#3

Chloromethane

Concen: 86.302 ug/l

RT: 2.153 min Scan# 65

Delta R.T. 0.000 min

Lab File: VD080398.D

Acq: 30 May 2025 10:43

Instrument :

MSVOA_D

ClientSampleId :

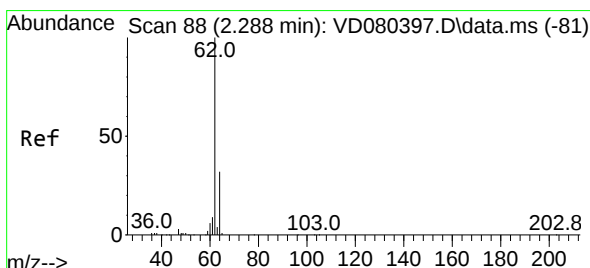
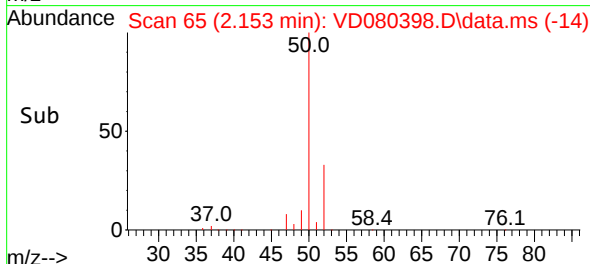
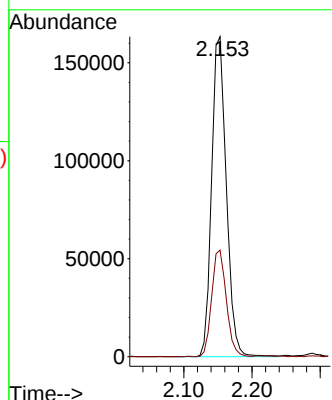
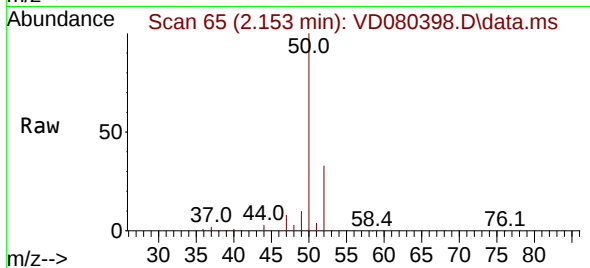
VSTDICC100

Tgt Ion: 50 Resp: 245027

Ion Ratio Lower Upper

50 100

52 33.3 24.4 36.6



#4

Vinyl Chloride

Concen: 89.527 ug/l

RT: 2.288 min Scan# 88

Delta R.T. 0.000 min

Lab File: VD080398.D

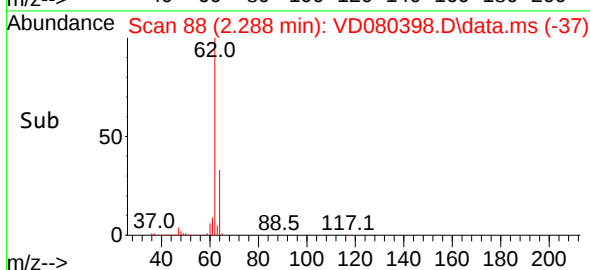
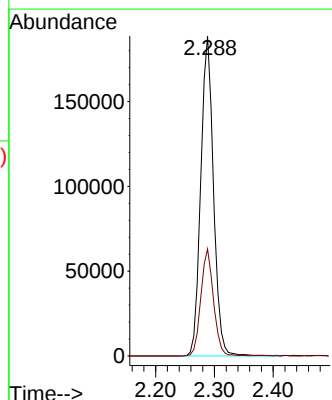
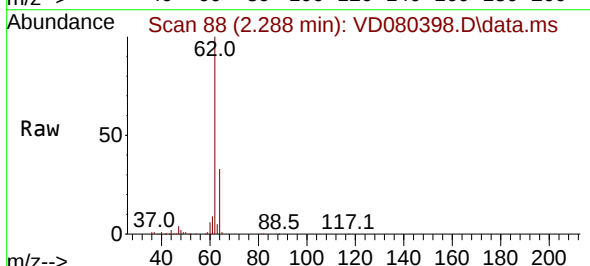
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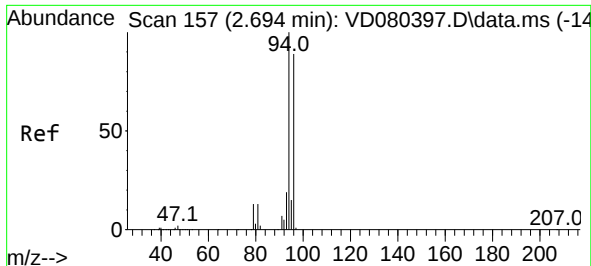
Tgt Ion: 62 Resp: 283946

Ion Ratio Lower Upper

62 100

64 33.4 25.4 38.0

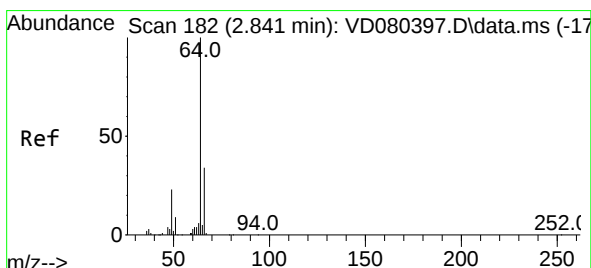
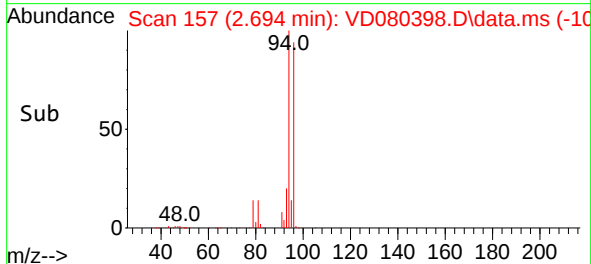
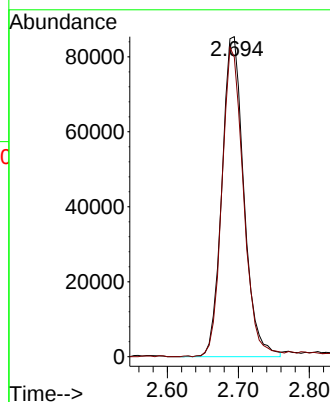
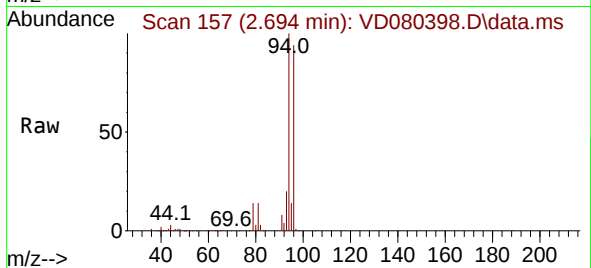




#5
Bromomethane
Concen: 81.232 ug/l
RT: 2.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

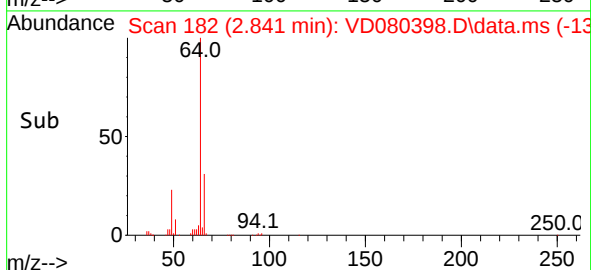
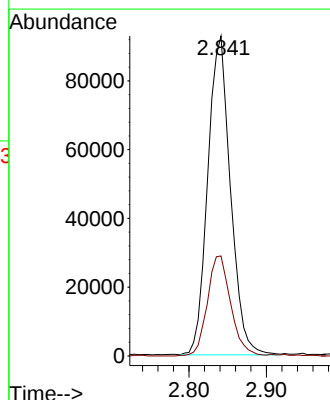
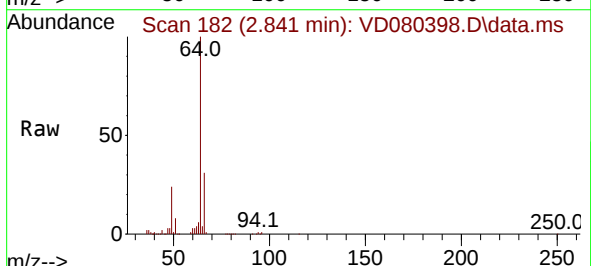
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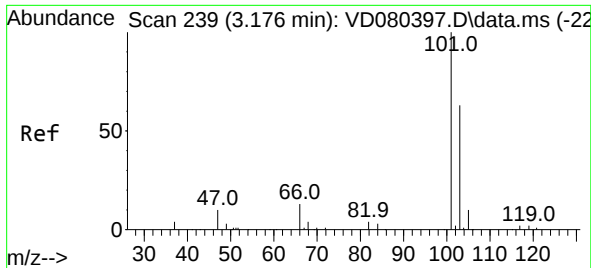
Tgt Ion: 94 Resp: 183016
Ion Ratio Lower Upper
94 100
96 95.0 74.7 112.1



#6
Chloroethane
Concen: 87.415 ug/l
RT: 2.841 min Scan# 182
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion: 64 Resp: 188665
Ion Ratio Lower Upper
64 100
66 31.2 27.3 40.9

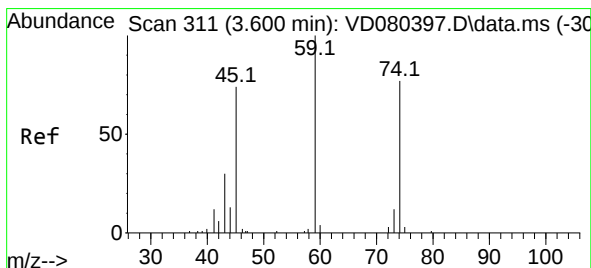
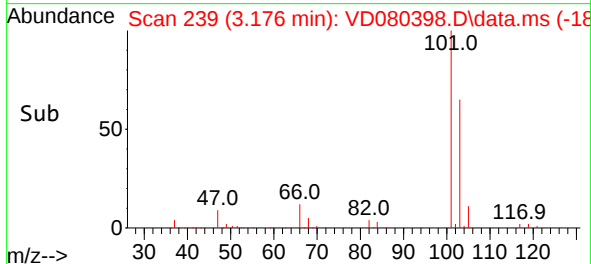
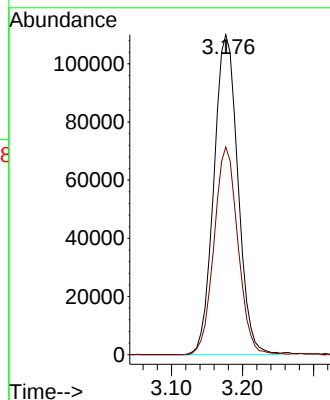
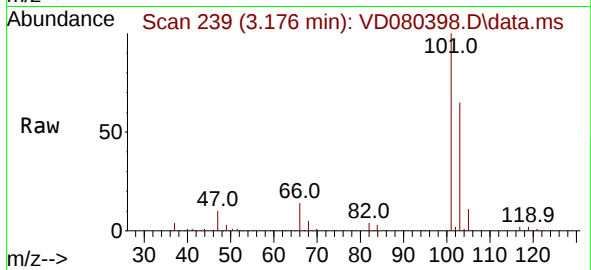




#7
 Trichlorofluoromethane
 Concen: 88.665 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080398.D
 Acq: 30 May 2025 10:43

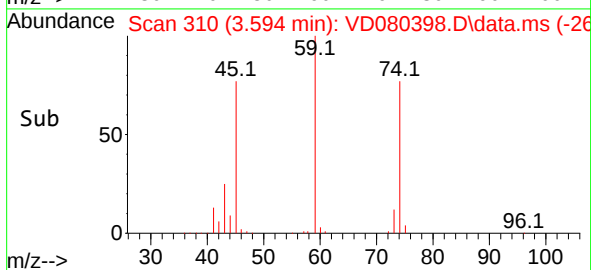
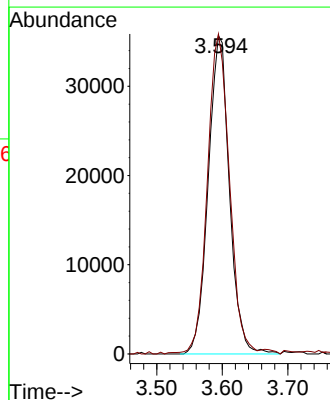
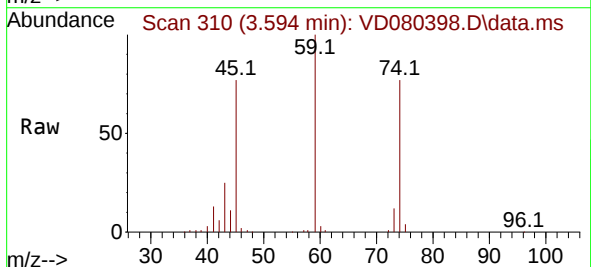
Instrument :
 MSVOA_D
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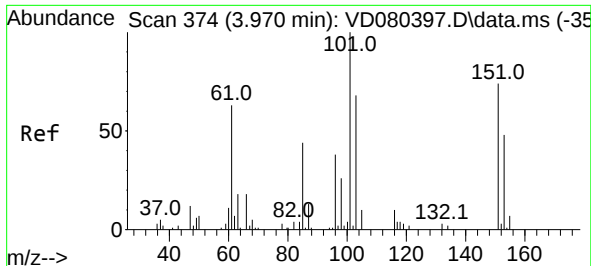
Tgt Ion:101 Resp: 258421
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.7 76.1



#8
 Diethyl Ether
 Concen: 93.295 ug/l
 RT: 3.594 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VD080398.D
 Acq: 30 May 2025 10:43

Tgt Ion: 74 Resp: 80157
 Ion Ratio Lower Upper
 74 100
 45 104.8 52.1 156.4

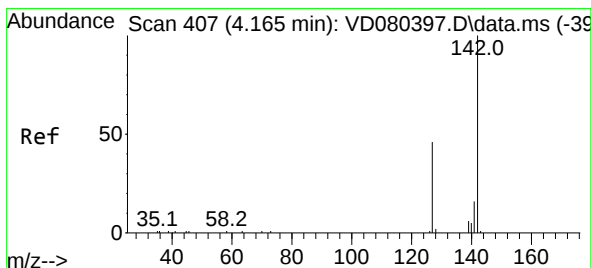
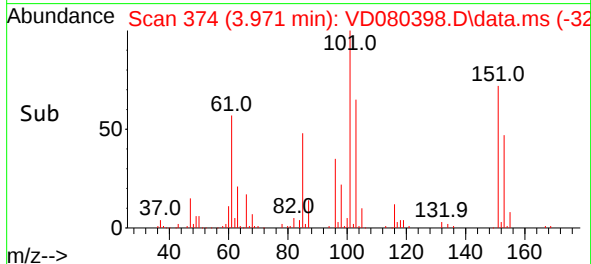
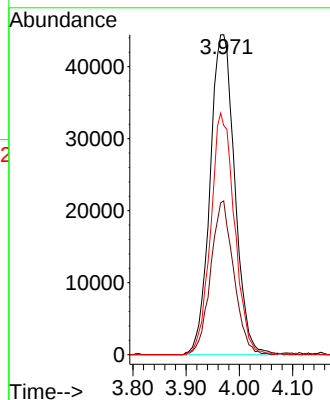
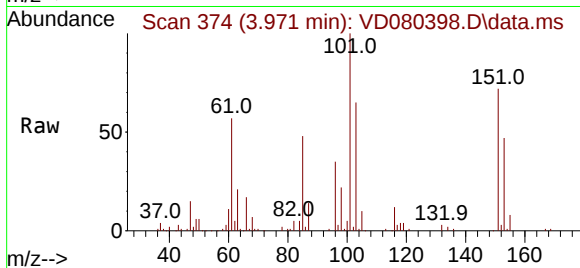




#9
1,1,2-Trichlorotrifluoroethane
Concen: 81.016 ug/l
RT: 3.971 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

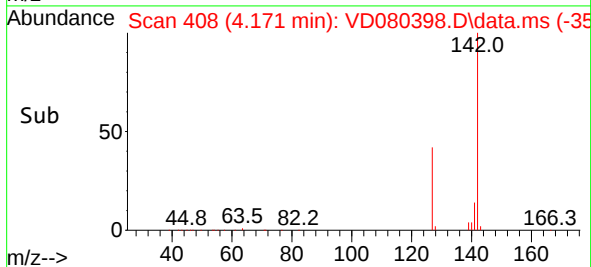
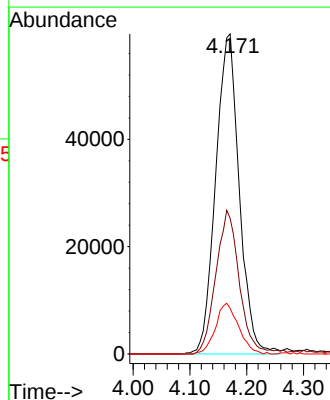
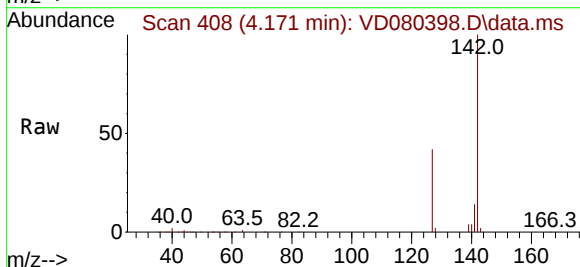
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

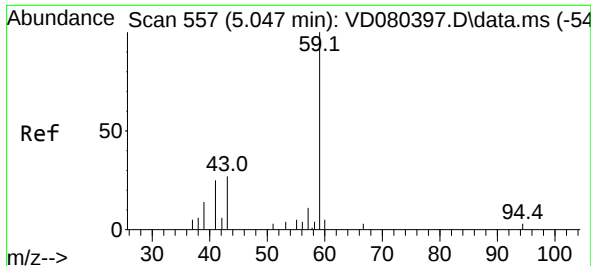
Tgt Ion:101 Resp: 142924
Ion Ratio Lower Upper
101 100
85 45.1 35.9 53.9
151 73.0 57.6 86.4



#10
Methyl Iodide
Concen: 98.844 ug/l
RT: 4.171 min Scan# 408
Delta R.T. 0.006 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion:142 Resp: 171884
Ion Ratio Lower Upper
142 100
127 44.9 36.4 54.6
141 15.5 12.1 18.1

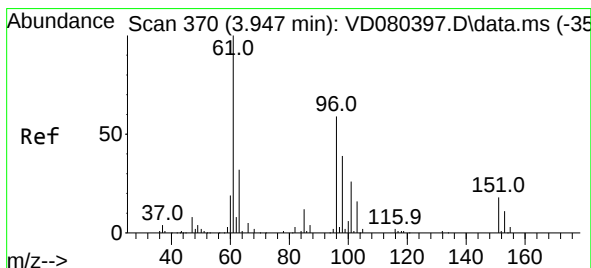
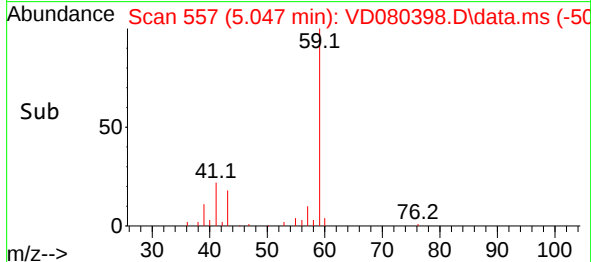
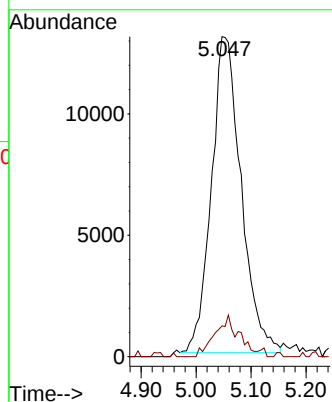
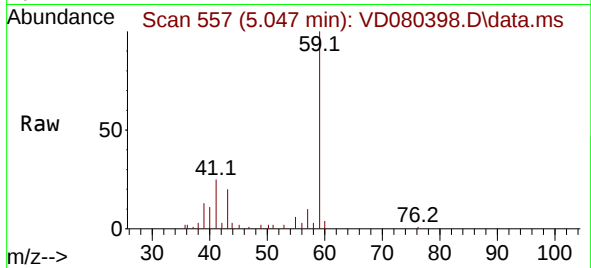




#11
Tert butyl alcohol
Concen: 468.288 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

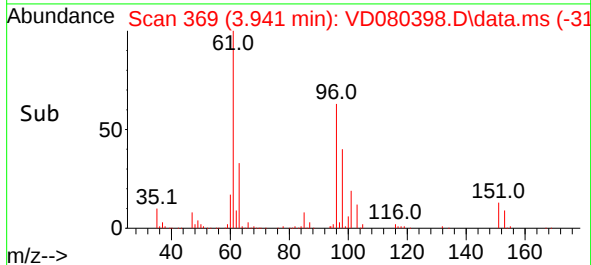
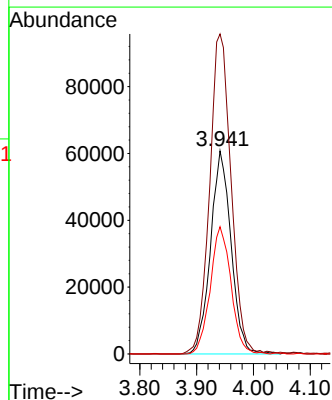
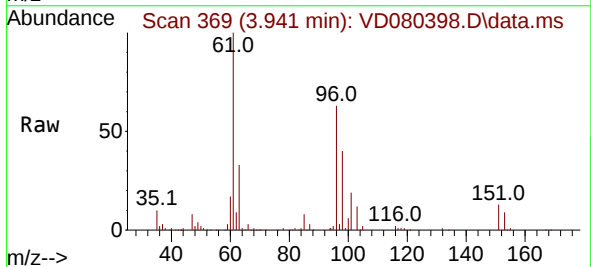
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

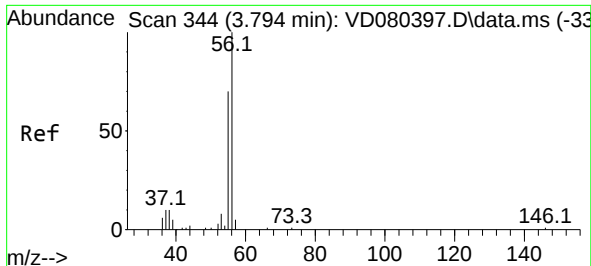
Tgt Ion: 59 Resp: 49027
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1



#12
1,1-Dichloroethene
Concen: 90.767 ug/l
RT: 3.941 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion: 96 Resp: 152780
Ion Ratio Lower Upper
96 100
61 157.6 135.7 203.5
98 62.6 52.5 78.7





#13

Acrolein

Concen: 468.357 ug/l

RT: 3.800 min Scan# 344

Delta R.T. 0.006 min

Lab File: VD080398.D

Acq: 30 May 2025 10:43

Instrument :

MSVOA_D

ClientSampleId :

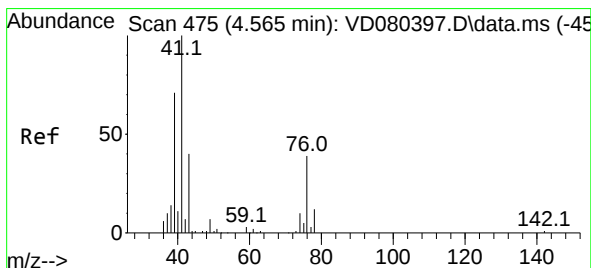
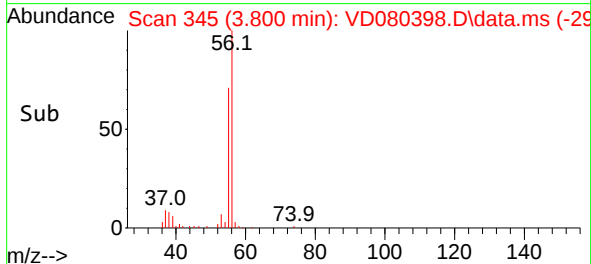
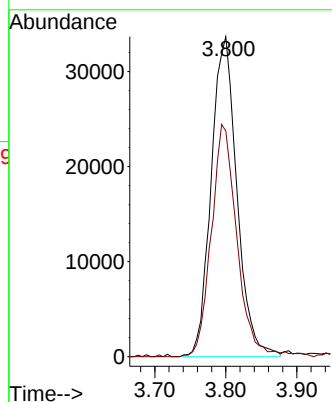
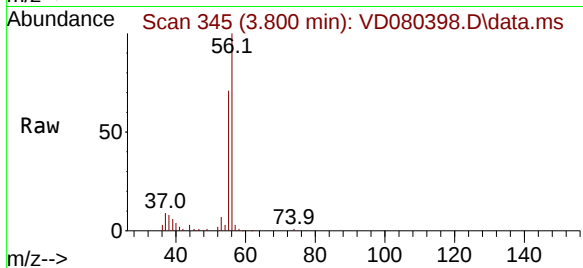
VSTDIC100

Tgt Ion: 56 Resp: 84786

Ion Ratio Lower Upper

56 100

55 71.6 57.1 85.7



#14

Allyl chloride

Concen: 97.090 ug/l

RT: 4.565 min Scan# 475

Delta R.T. 0.000 min

Lab File: VD080398.D

Acq: 30 May 2025 10:43

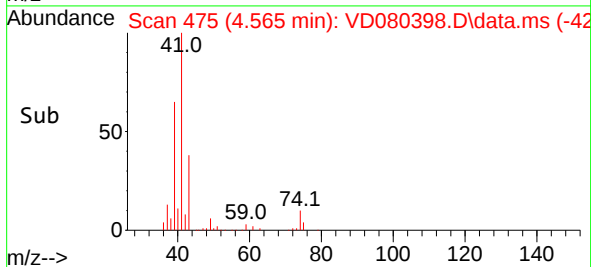
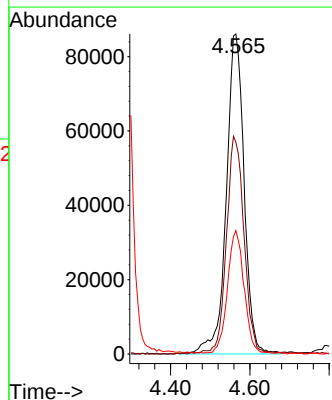
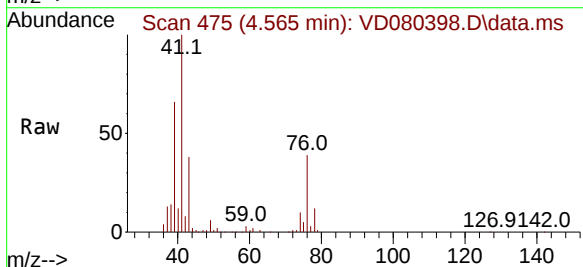
Tgt Ion: 41 Resp: 269328

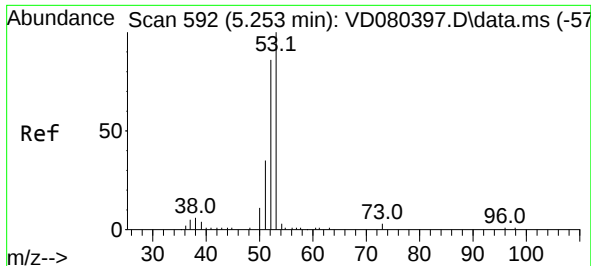
Ion Ratio Lower Upper

41 100

39 66.4 53.3 79.9

76 35.3 29.4 44.2

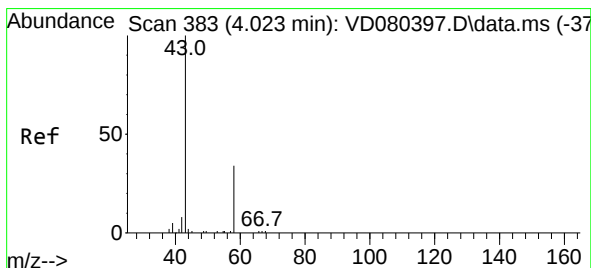
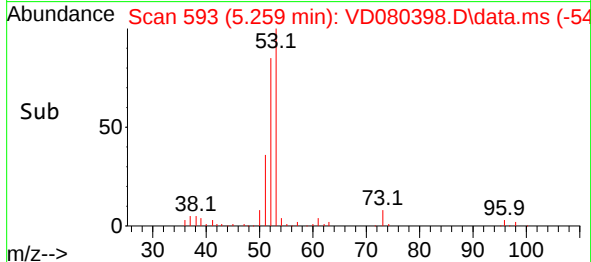
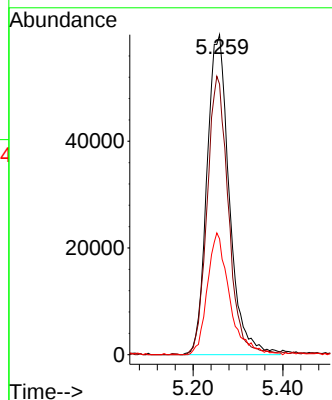
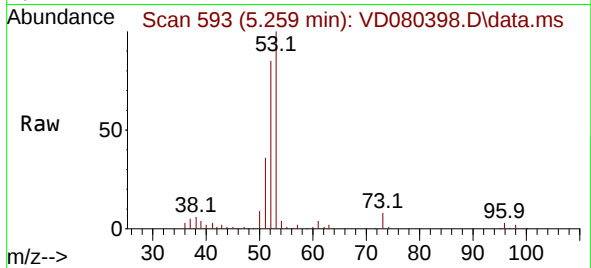




#15
Acrylonitrile
Concen: 493.194 ug/l
RT: 5.259 min Scan# 592
Delta R.T. 0.006 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

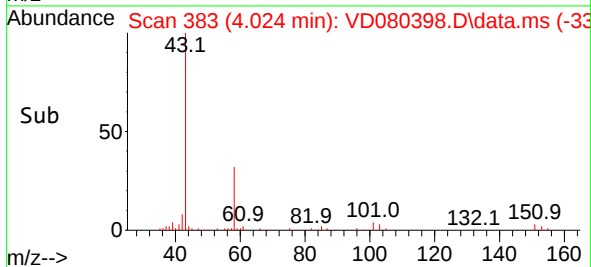
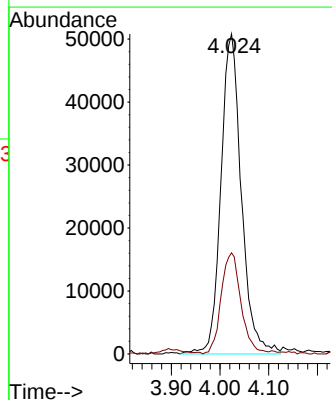
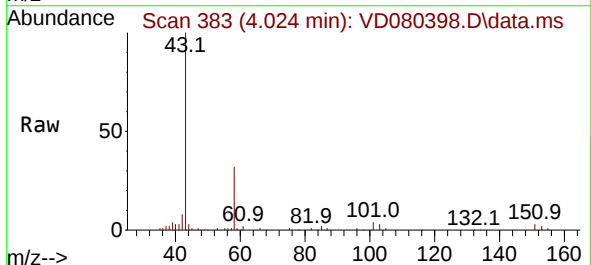
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

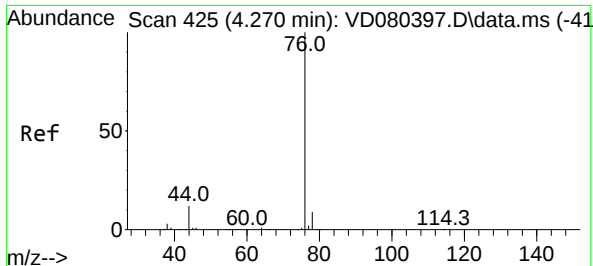
Tgt Ion: 53 Resp: 207800
Ion Ratio Lower Upper
53 100
52 82.9 65.6 98.4
51 37.8 30.5 45.7



#16
Acetone
Concen: 436.306 ug/l
RT: 4.024 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion: 43 Resp: 148326
Ion Ratio Lower Upper
43 100
58 31.0 28.0 42.0

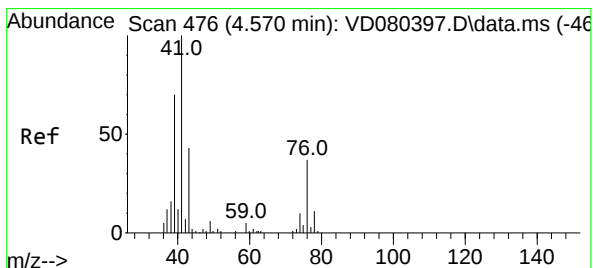
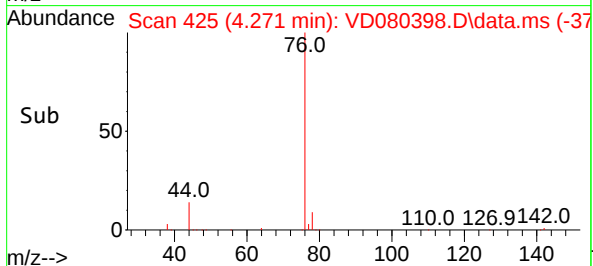
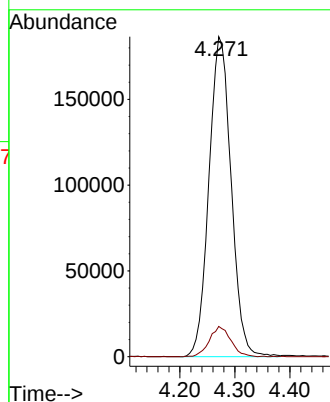
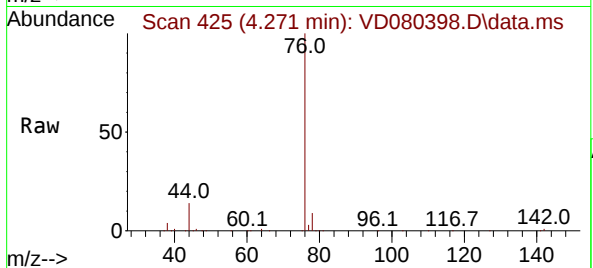




#17
Carbon Disulfide
Concen: 86.466 ug/l
RT: 4.271 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

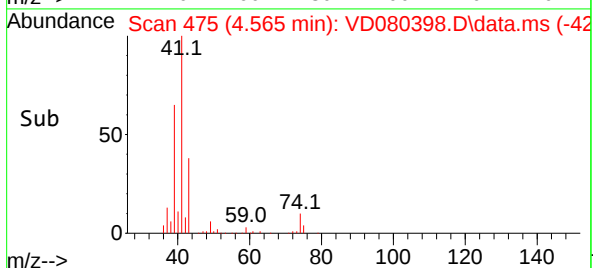
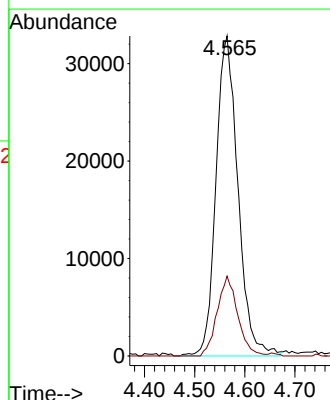
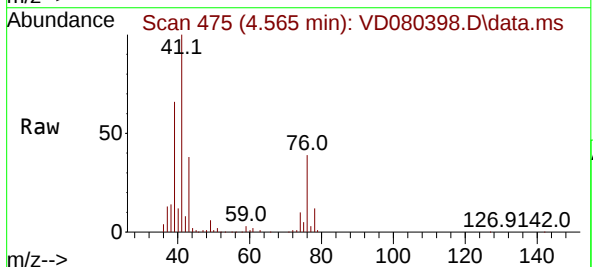
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

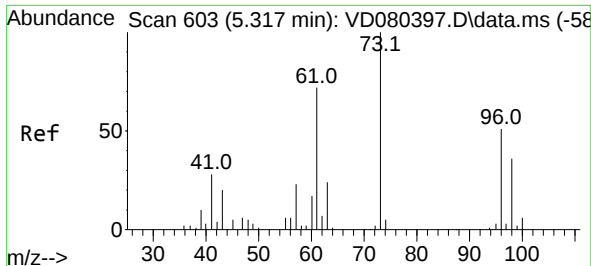
Tgt Ion: 76 Resp: 523360
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 85.035 ug/l
RT: 4.565 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion: 43 Resp: 99911
Ion Ratio Lower Upper
43 100
74 23.3 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 103.097 ug/l

RT: 5.318 min Scan# 603

Delta R.T. 0.000 min

Lab File: VD080398.D

Acq: 30 May 2025 10:43

Instrument :

MSVOA_D

ClientSampleId :

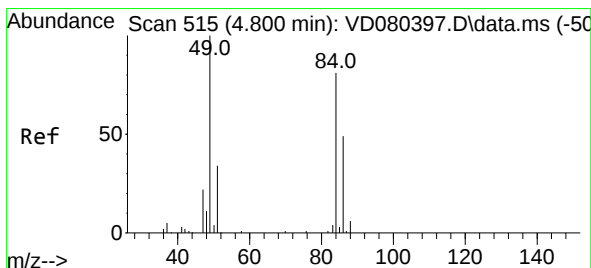
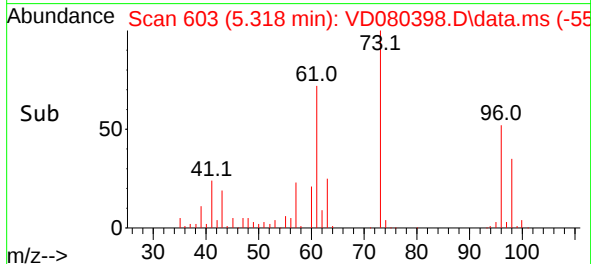
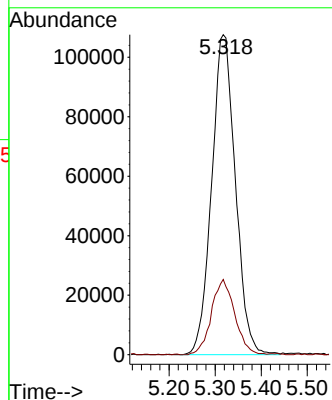
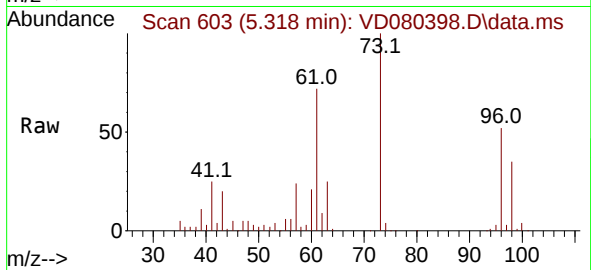
VSTDIC100

Tgt Ion: 73 Resp: 385120

Ion Ratio Lower Upper

73 100

57 23.5 18.7 28.1



#20

Methylene Chloride

Concen: 78.907 ug/l

RT: 4.806 min Scan# 516

Delta R.T. 0.006 min

Lab File: VD080398.D

Acq: 30 May 2025 10:43

Tgt Ion: 84 Resp: 184114

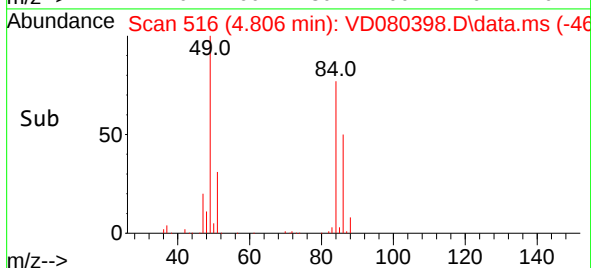
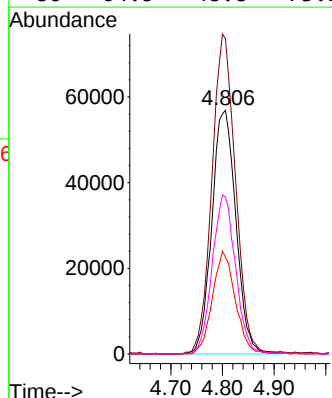
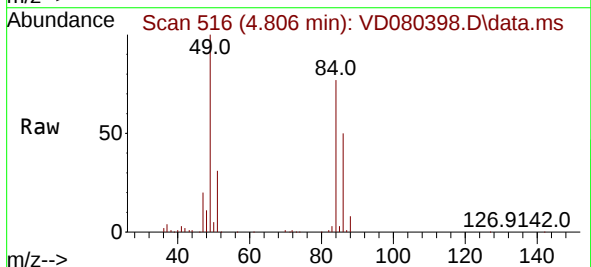
Ion Ratio Lower Upper

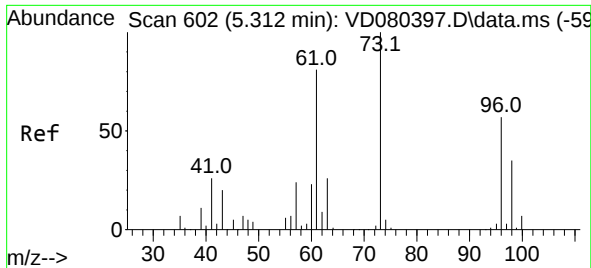
84 100

49 129.3 99.0 148.6

51 39.7 33.6 50.4

86 64.5 48.8 73.2

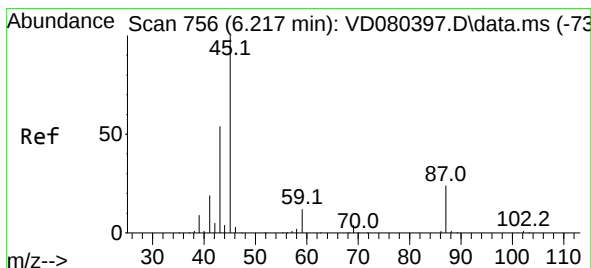
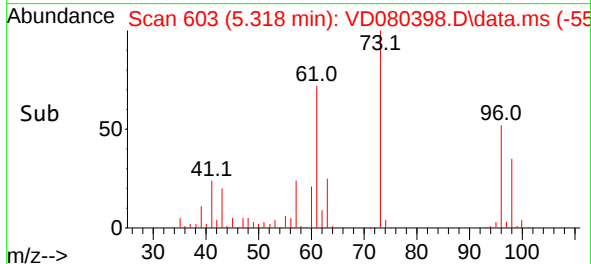
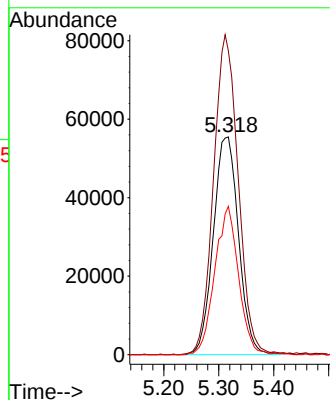
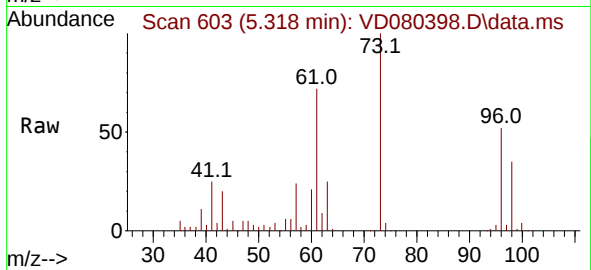




#21
trans-1,2-Dichloroethene
Concen: 96.228 ug/l
RT: 5.318 min Scan# 602
Delta R.T. 0.006 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

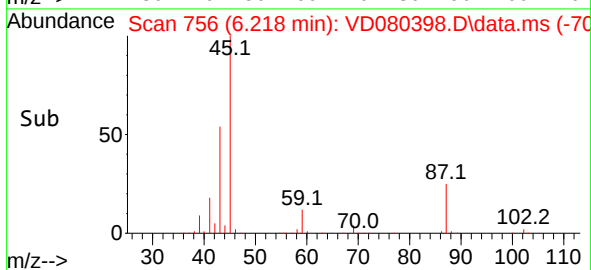
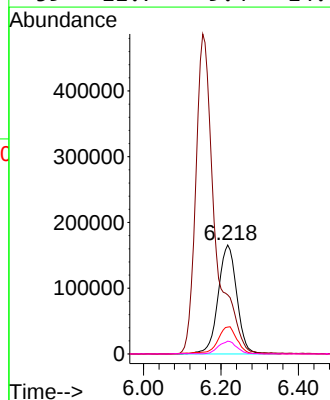
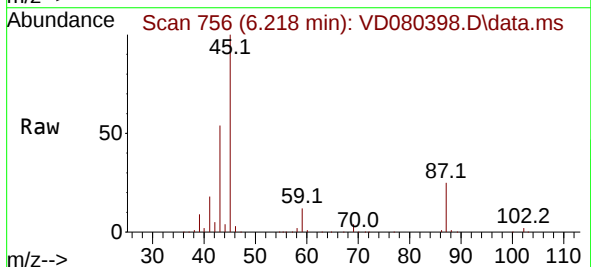
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

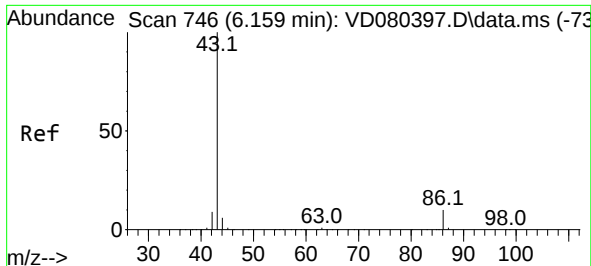
Tgt Ion: 96 Resp: 177109
Ion Ratio Lower Upper
96 100
61 139.4 113.6 170.4
98 68.1 49.4 74.2



#22
Diisopropyl ether
Concen: 97.648 ug/l
RT: 6.218 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion: 45 Resp: 553761
Ion Ratio Lower Upper
45 100
43 53.6 43.4 65.0
87 24.7 19.1 28.7
59 11.7 9.4 14.0

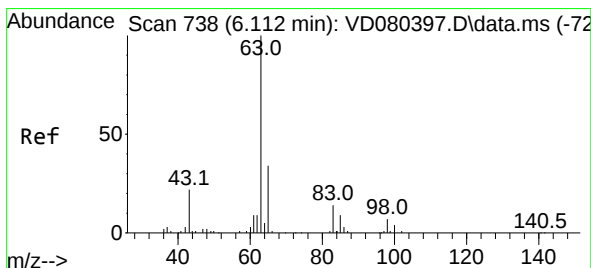
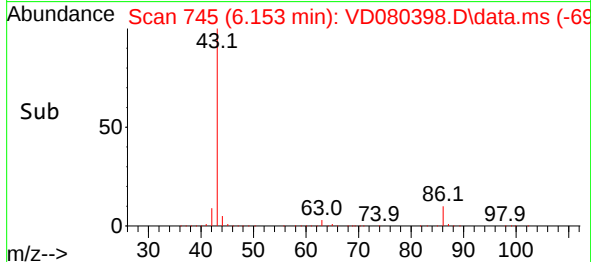
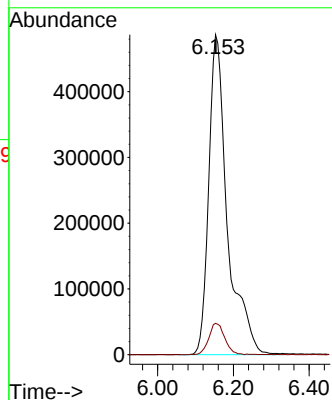
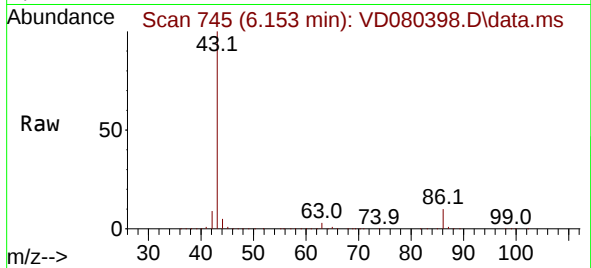




#23
 Vinyl Acetate
 Concen: 511.853 ug/l
 RT: 6.153 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD080398.D
 Acq: 30 May 2025 10:43

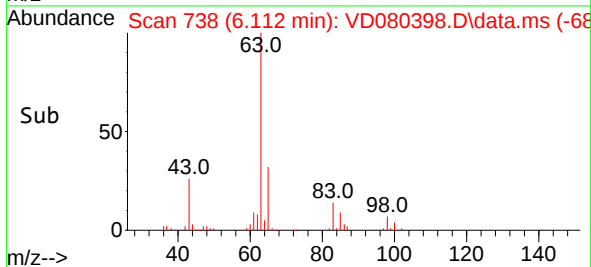
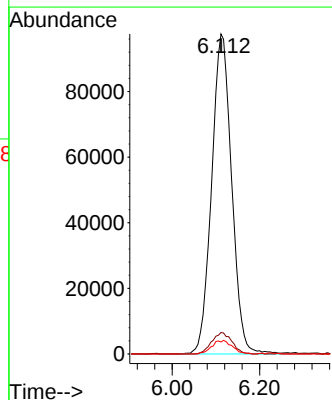
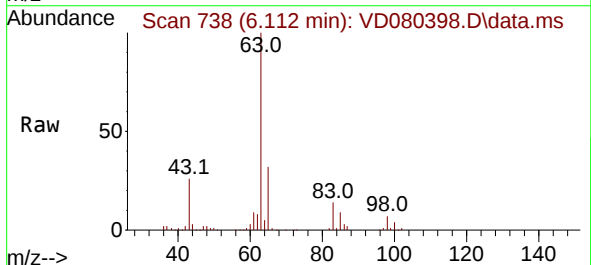
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

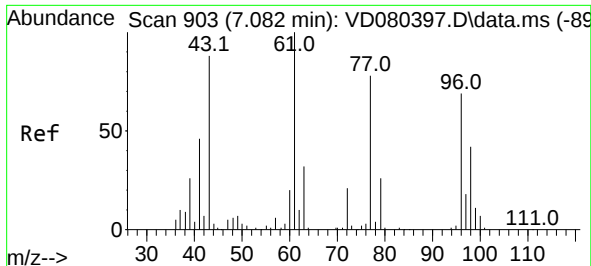
Tgt Ion: 43 Resp: 1657065
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 87.830 ug/l
 RT: 6.112 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD080398.D
 Acq: 30 May 2025 10:43

Tgt Ion: 63 Resp: 309923
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.7 11.1
 100 3.7 2.3 6.8

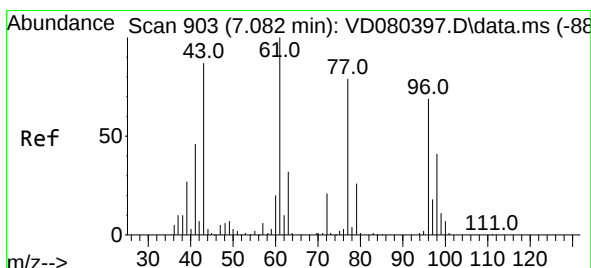
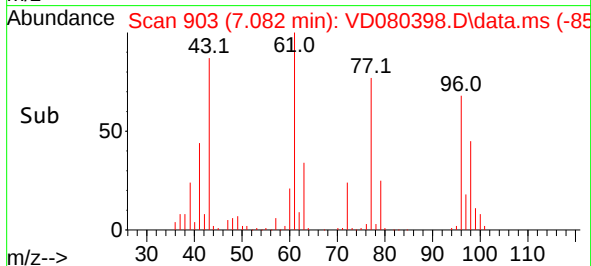
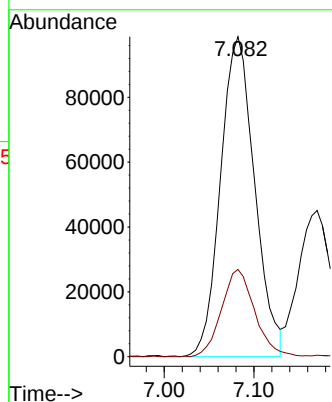
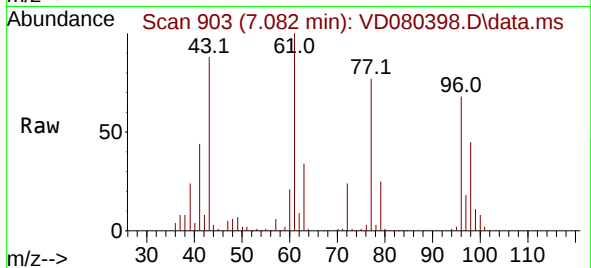




#25
2-Butanone
Concen: 511.658 ug/l
RT: 7.082 min Scan# 901
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

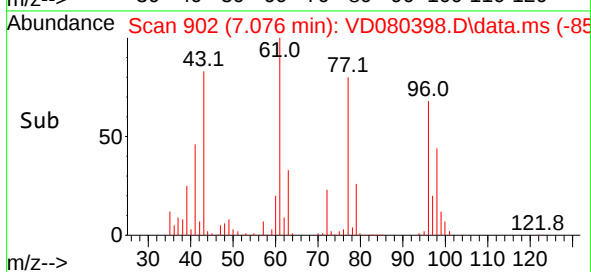
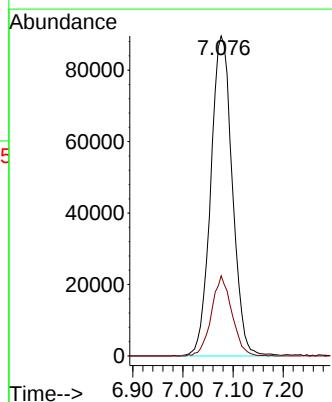
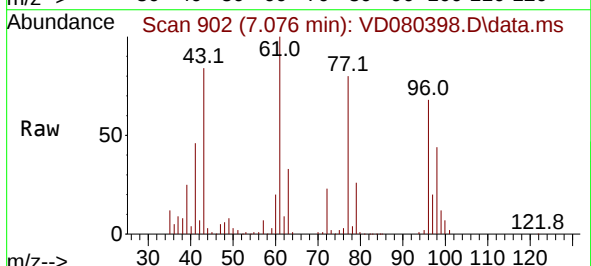
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

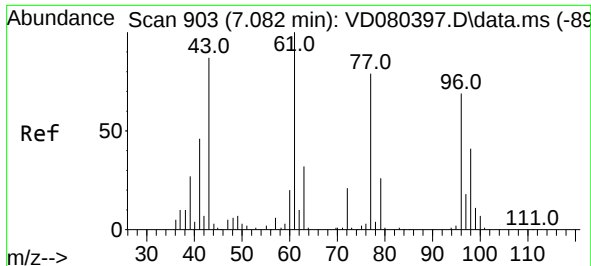
Tgt Ion: 43 Resp: 260472
Ion Ratio Lower Upper
43 100
72 27.3 18.9 28.3



#26
2,2-Dichloropropane
Concen: 95.381 ug/l
RT: 7.076 min Scan# 902
Delta R.T. -0.006 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion: 77 Resp: 268180
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.5

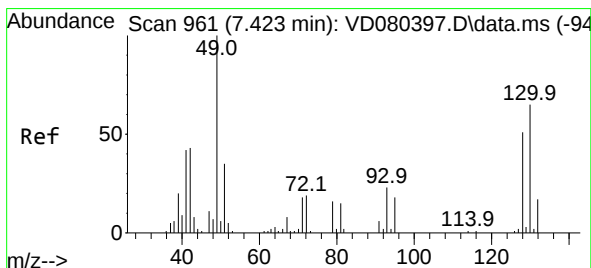
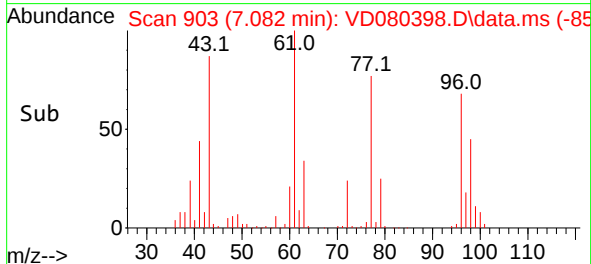
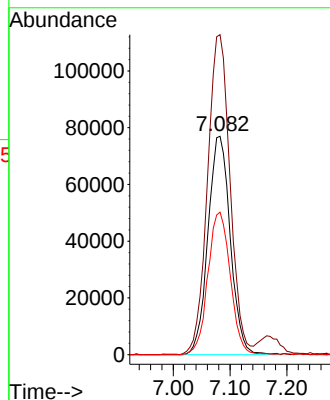
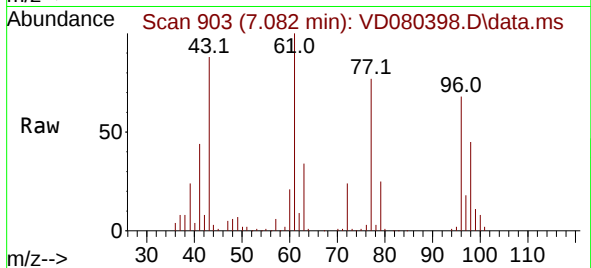




#27
 cis-1,2-Dichloroethene
 Concen: 99.492 ug/l
 RT: 7.082 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: VD080398.D
 Acq: 30 May 2025 10:43

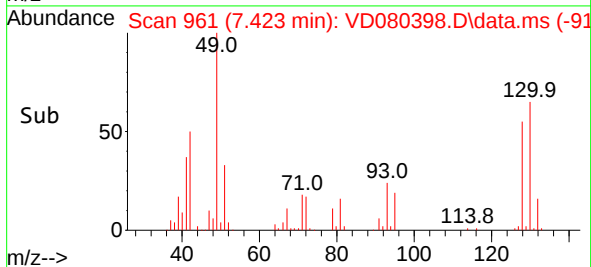
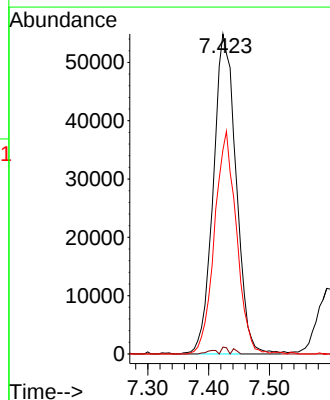
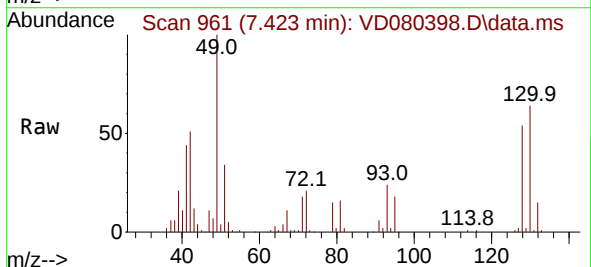
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

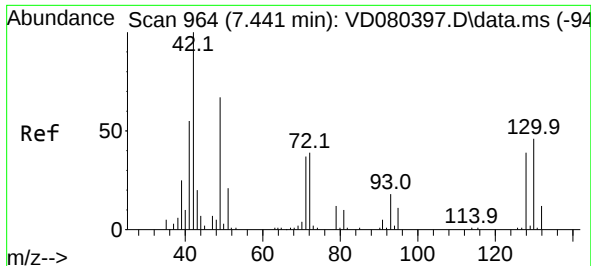
Tgt Ion: 96 Resp: 209670
 Ion Ratio Lower Upper
 96 100
 61 148.3 0.0 301.4
 98 65.6 0.0 128.2



#28
 Bromochloromethane
 Concen: 86.270 ug/l
 RT: 7.423 min Scan# 961
 Delta R.T. 0.000 min
 Lab File: VD080398.D
 Acq: 30 May 2025 10:43

Tgt Ion: 49 Resp: 142848
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 5.6
 130 66.9 54.2 81.4





#29

Tetrahydrofuran

Concen: 480.077 ug/l

RT: 7.447 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD080398.D

Acq: 30 May 2025 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

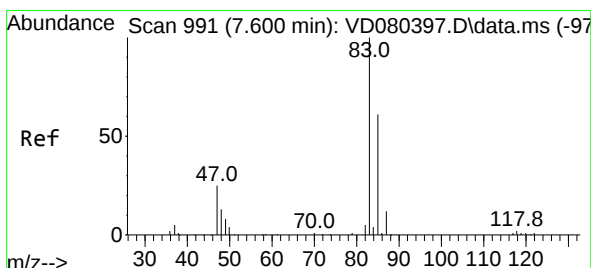
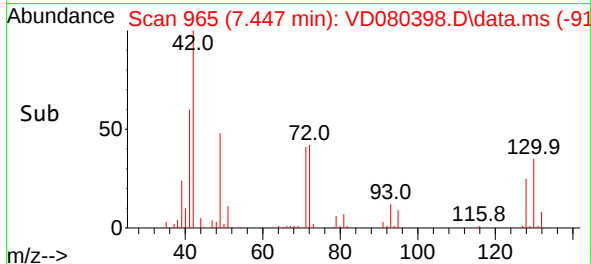
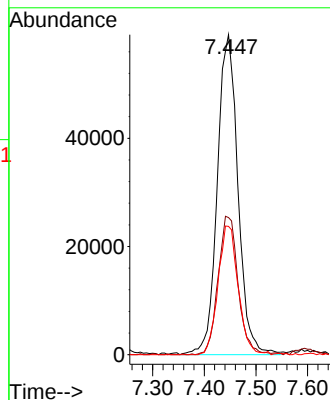
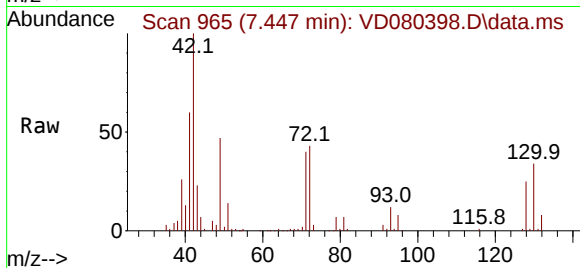
Tgt Ion: 42 Resp: 164370

Ion Ratio Lower Upper

42 100

72 41.9 32.6 49.0

71 39.2 32.0 48.0



#30

Chloroform

Concen: 94.196 ug/l

RT: 7.600 min Scan# 991

Delta R.T. 0.000 min

Lab File: VD080398.D

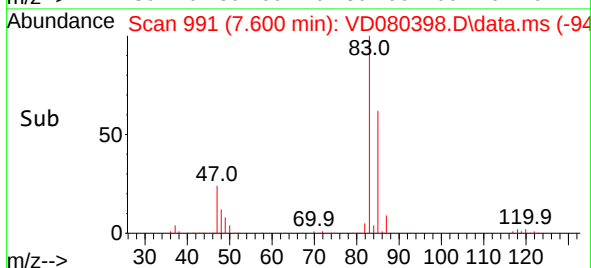
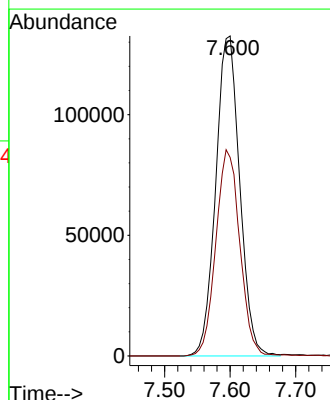
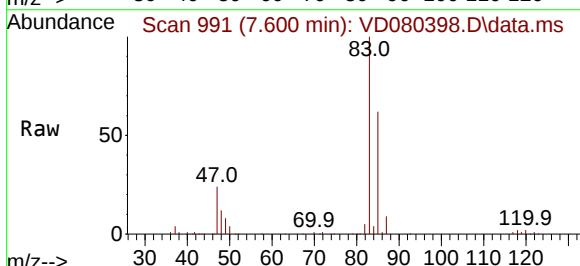
Acq: 30 May 2025 10:43

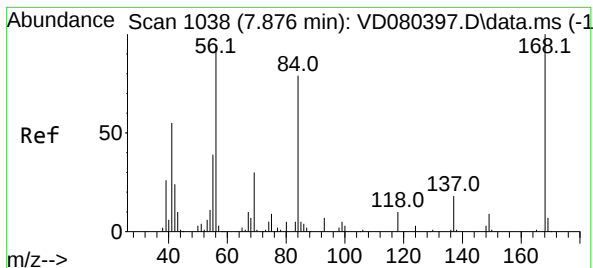
Tgt Ion: 83 Resp: 336493

Ion Ratio Lower Upper

83 100

85 62.1 49.2 73.8





#31

Cyclohexane

Concen: 94.259 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VD080398.D

Acq: 30 May 2025 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

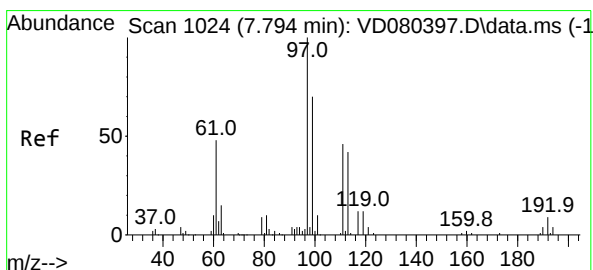
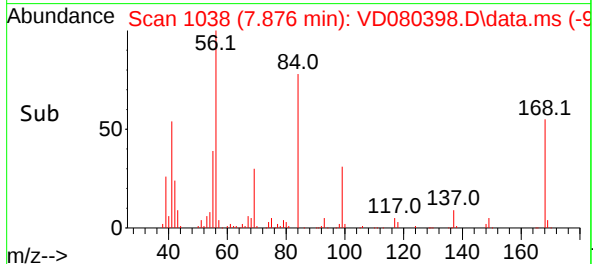
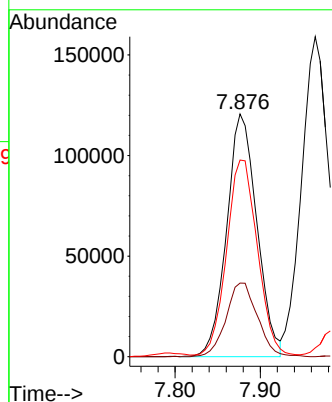
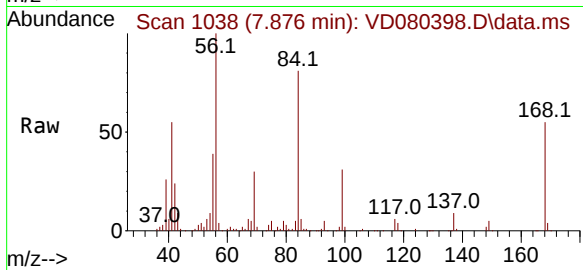
Tgt Ion: 56 Resp: 297426

Ion Ratio Lower Upper

56 100

69 30.3 25.5 38.3

84 79.8 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 92.528 ug/l

RT: 7.794 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VD080398.D

Acq: 30 May 2025 10:43

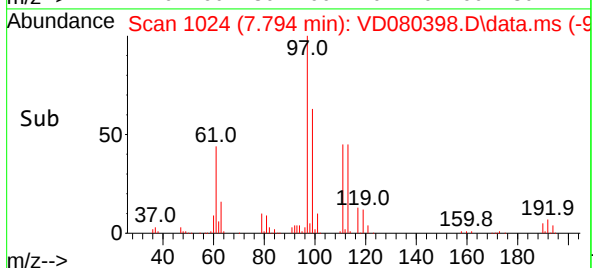
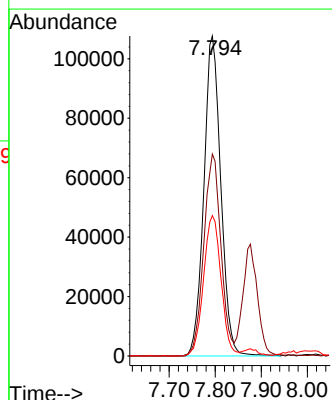
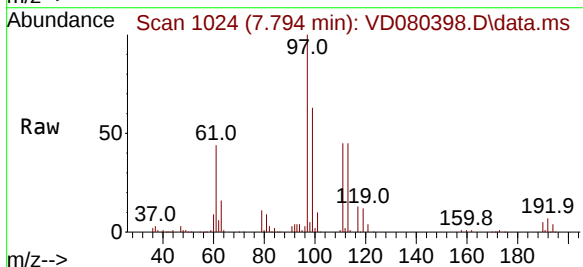
Tgt Ion: 97 Resp: 276706

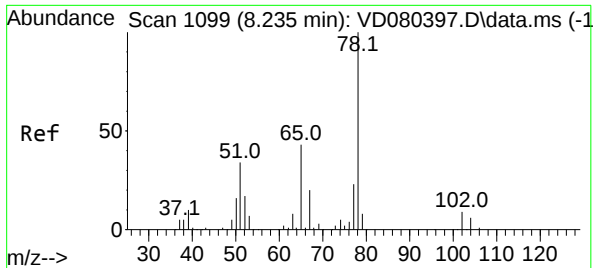
Ion Ratio Lower Upper

97 100

99 63.7 51.5 77.3

61 45.3 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 87.031 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. -0.006 min

Lab File: VD080398.D

Acq: 30 May 2025 10:43

Instrument :

MSVOA_D

ClientSampleId :

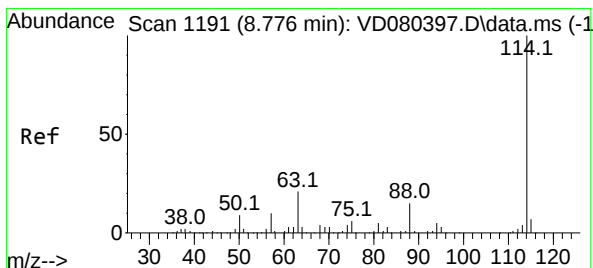
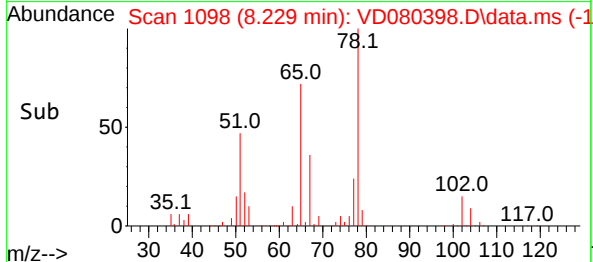
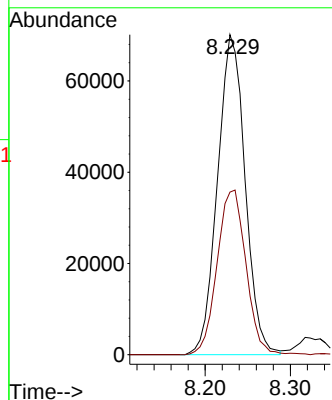
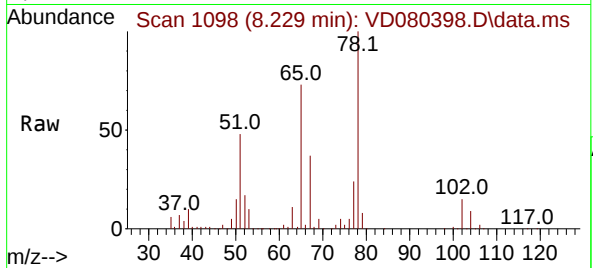
VSTDIC100

Tgt Ion: 65 Resp: 157974

Ion Ratio Lower Upper

65 100

67 53.8 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: VD080398.D

Acq: 30 May 2025 10:43

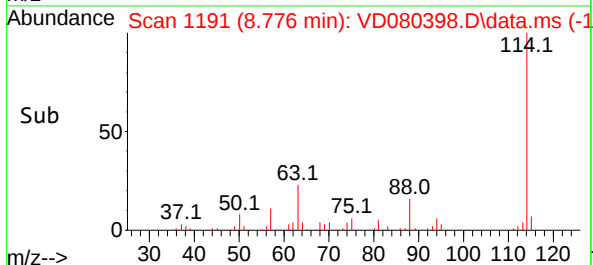
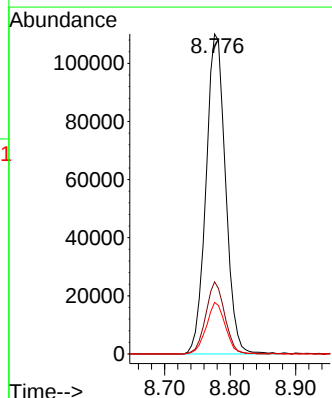
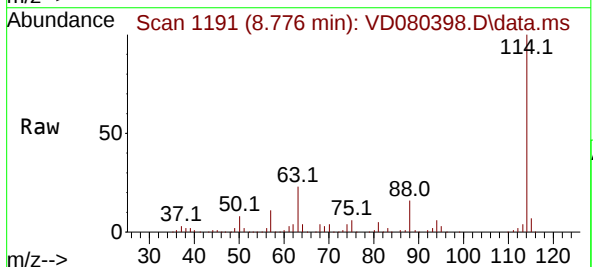
Tgt Ion: 114 Resp: 227616

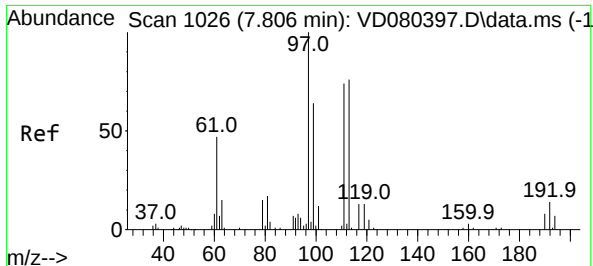
Ion Ratio Lower Upper

114 100

63 22.6 0.0 42.4

88 16.1 0.0 29.6





#35

Dibromofluoromethane

Concen: 107.173 ug/l

RT: 7.806 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080398.D

Acq: 30 May 2025 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

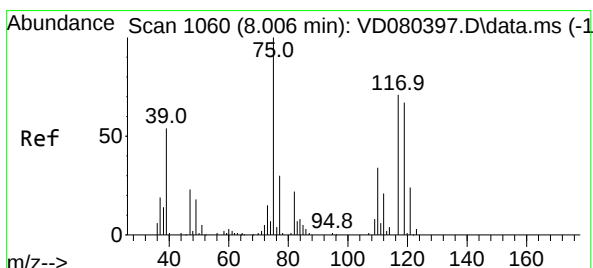
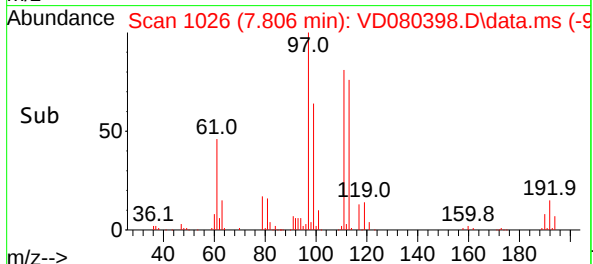
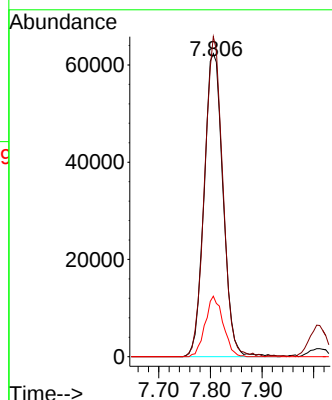
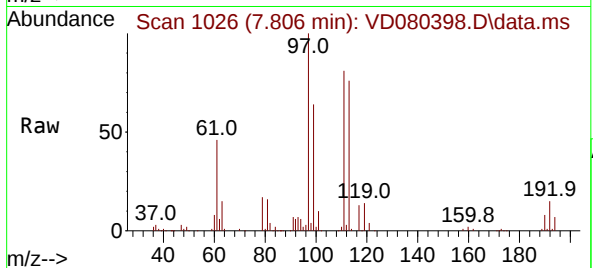
Tgt Ion:113 Resp: 158554

Ion Ratio Lower Upper

113 100

111 101.5 84.2 126.4

192 18.9 16.1 24.1



#36

1,1-Dichloropropene

Concen: 105.271 ug/l

RT: 8.006 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VD080398.D

Acq: 30 May 2025 10:43

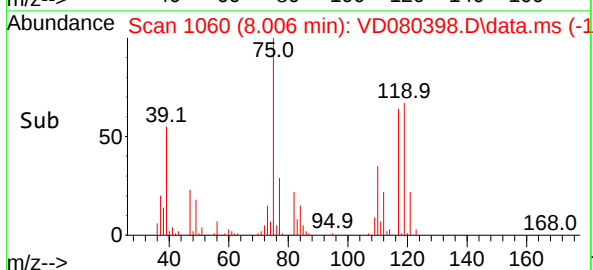
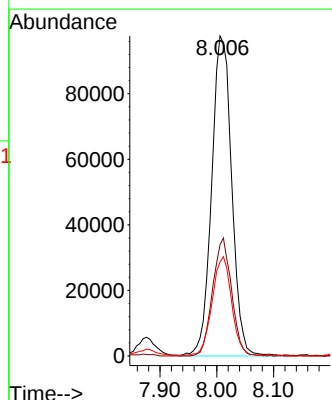
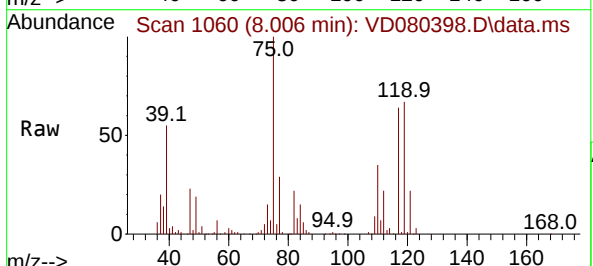
Tgt Ion: 75 Resp: 239370

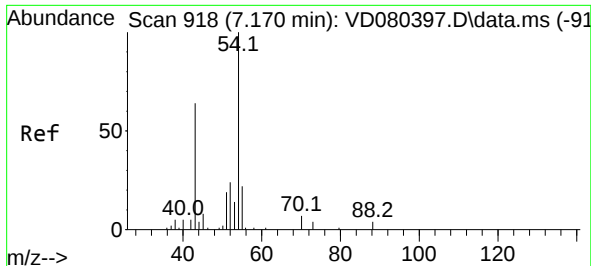
Ion Ratio Lower Upper

75 100

110 34.8 16.9 50.7

77 30.4 25.0 37.6





#37

Ethyl Acetate

Concen: 109.396 ug/l

RT: 7.170 min Scan# 918

Delta R.T. 0.000 min

Lab File: VD080398.D

Acq: 30 May 2025 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

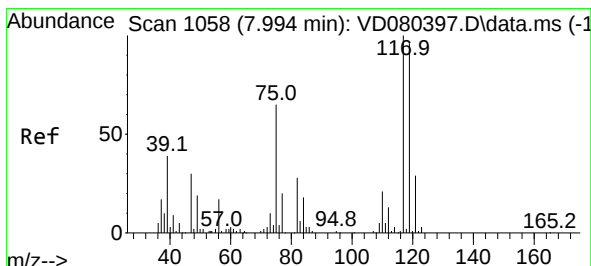
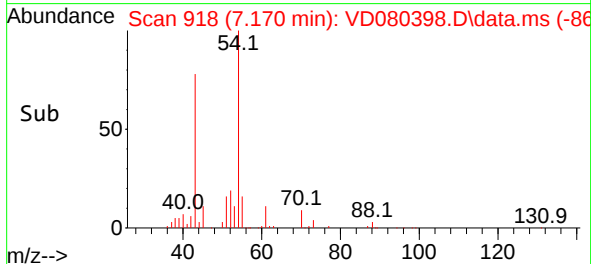
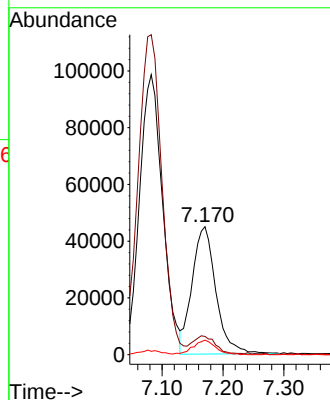
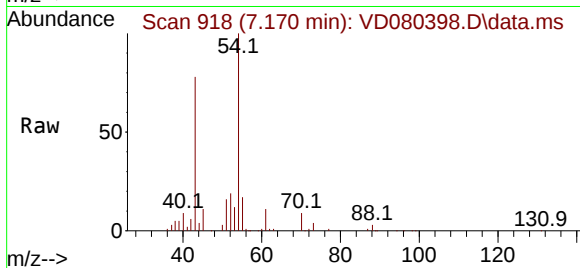
Tgt Ion: 43 Resp: 121835

Ion Ratio Lower Upper

43 100

61 13.3 11.8 17.6

70 10.9 8.6 12.8



#38

Carbon Tetrachloride

Concen: 99.293 ug/l

RT: 7.994 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD080398.D

Acq: 30 May 2025 10:43

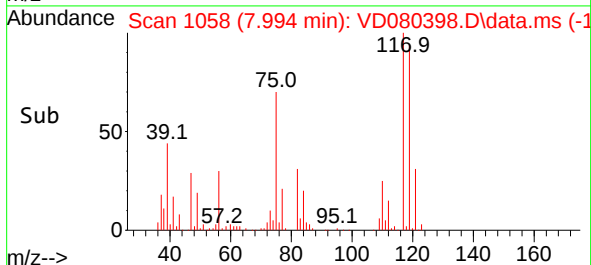
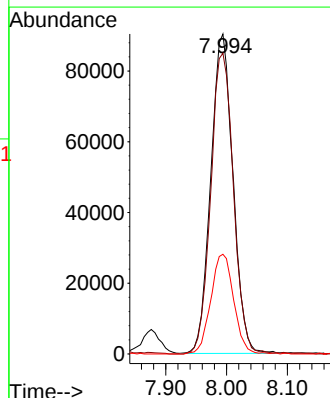
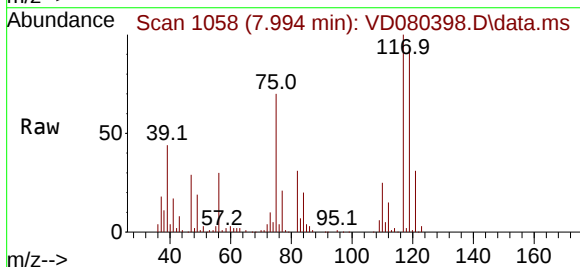
Tgt Ion: 117 Resp: 228748

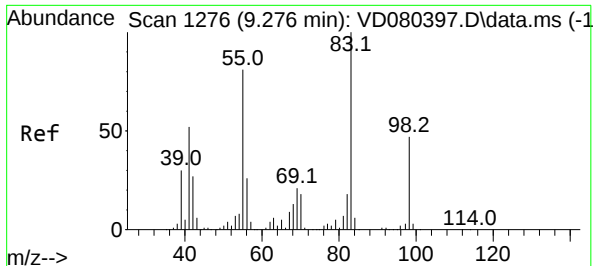
Ion Ratio Lower Upper

117 100

119 94.2 77.3 115.9

121 31.2 23.3 34.9





#39

Methylcyclohexane

Concen: 109.282 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080398.D

Acq: 30 May 2025 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

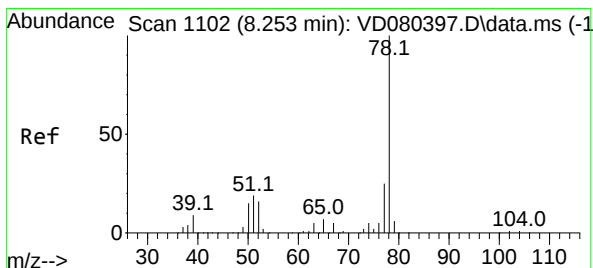
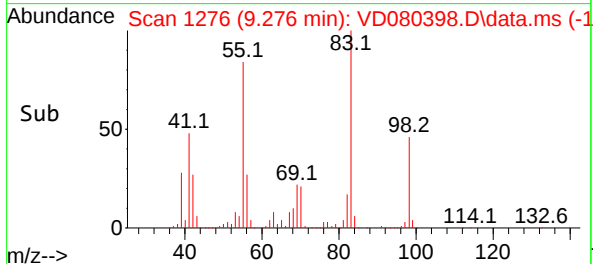
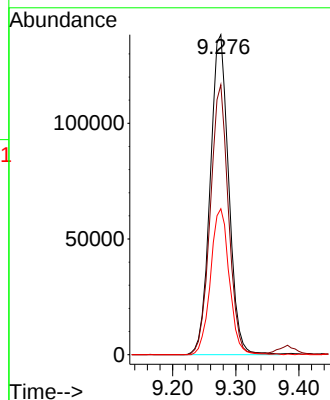
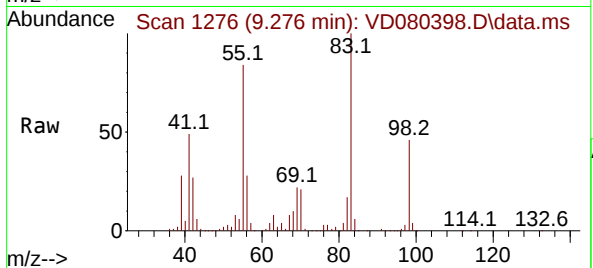
Tgt Ion: 83 Resp: 281823

Ion Ratio Lower Upper

83 100

55 84.3 64.6 97.0

98 45.6 37.5 56.3



#40

Benzene

Concen: 99.367 ug/l

RT: 8.253 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080398.D

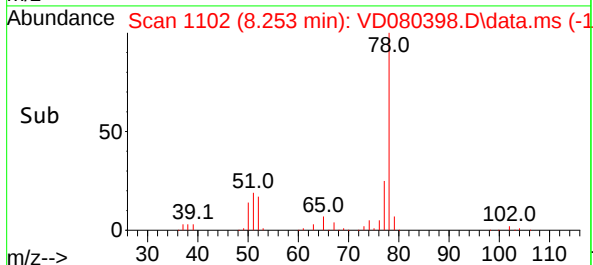
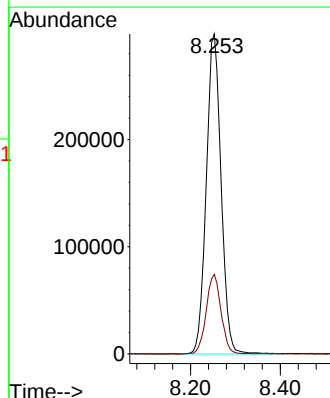
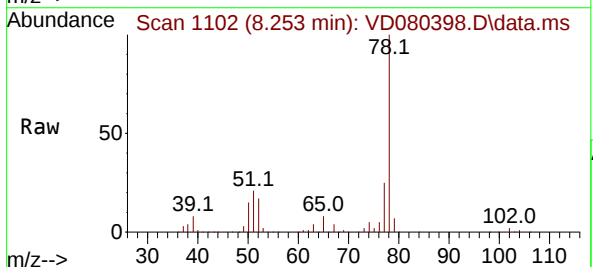
Acq: 30 May 2025 10:43

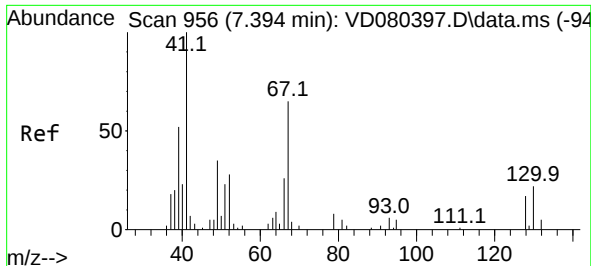
Tgt Ion: 78 Resp: 682576

Ion Ratio Lower Upper

78 100

77 24.9 20.2 30.2

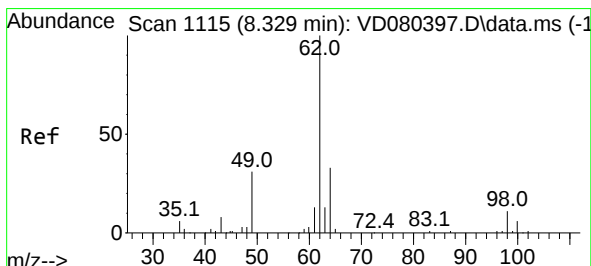
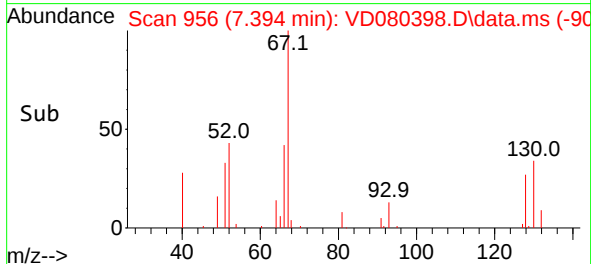
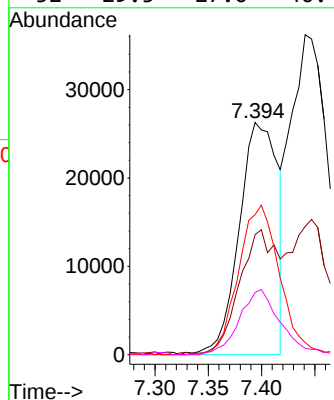
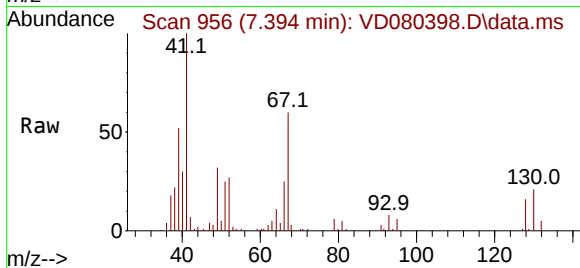




#41
Methacrylonitrile
Concen: 105.536 ug/l
RT: 7.394 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

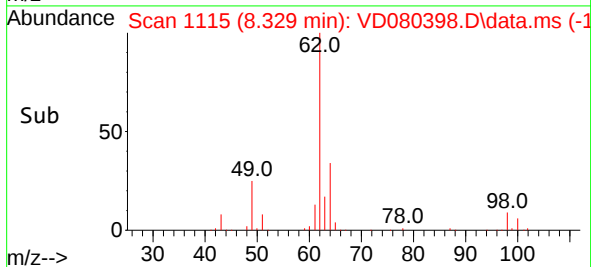
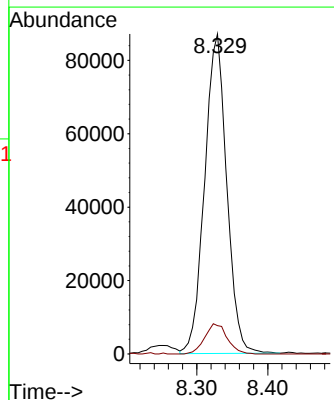
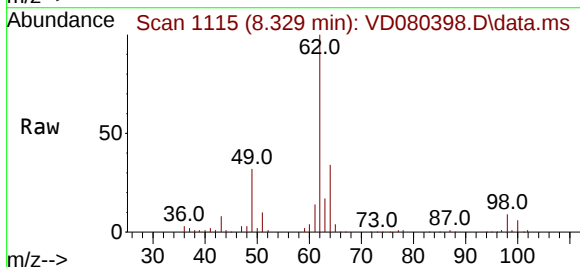
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

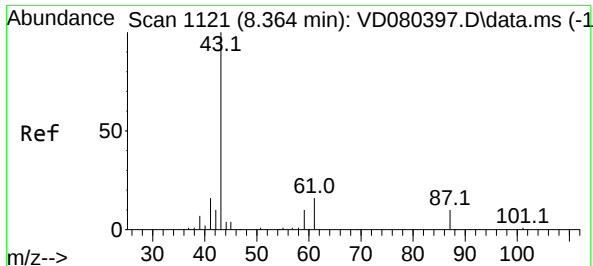
Tgt Ion: 41 Resp: 66286
Ion Ratio Lower Upper
41 100
39 51.2 51.8 77.8#
67 68.5 55.4 83.2
52 29.5 27.0 40.4



#42
1,2-Dichloroethane
Concen: 95.795 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion: 62 Resp: 188253
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.8

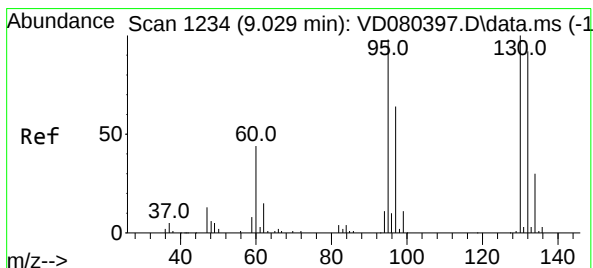
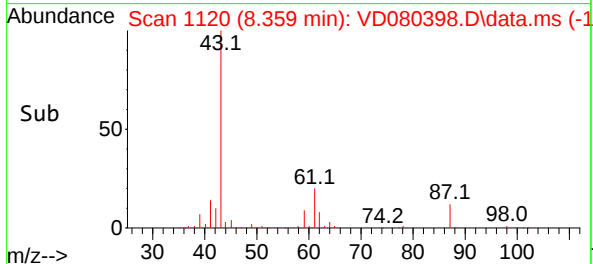
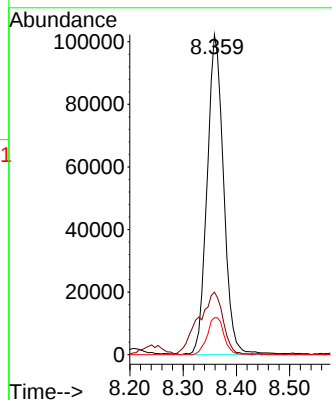
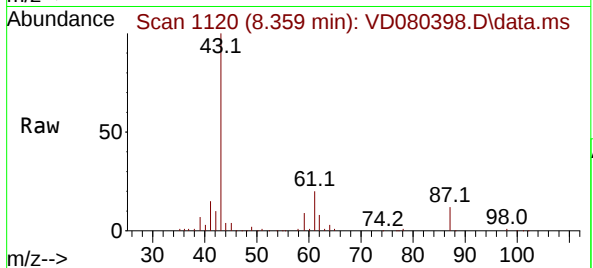




#43
Isopropyl Acetate
Concen: 106.796 ug/l
RT: 8.359 min Scan# 1120
Delta R.T. -0.006 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

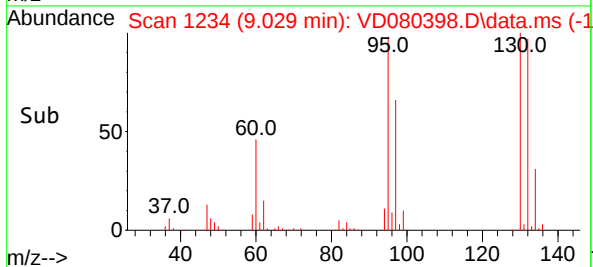
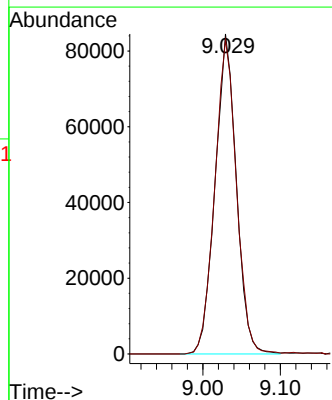
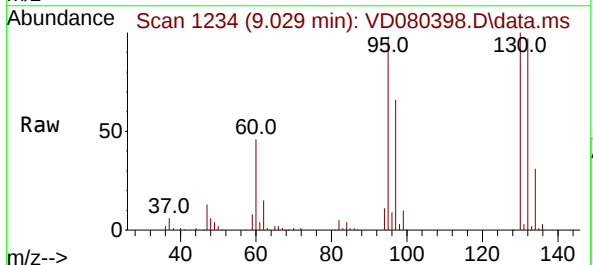
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

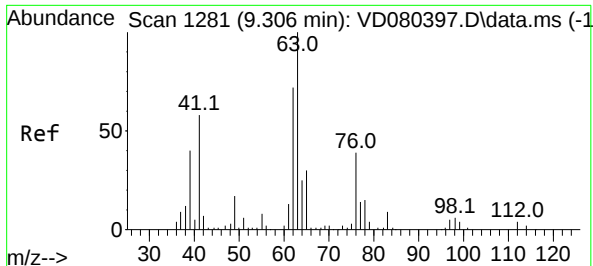
Tgt Ion: 43 Resp: 219979
Ion Ratio Lower Upper
43 100
61 28.9 24.5 36.7
87 11.7 9.8 14.6



#44
Trichloroethene
Concen: 99.702 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion:130 Resp: 160628
Ion Ratio Lower Upper
130 100
95 98.1 0.0 195.2





#45

1,2-Dichloropropane

Concen: 100.226 ug/l

RT: 9.306 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD080398.D

Acq: 30 May 2025 10:43

Instrument :

MSVOA_D

ClientSampleId :

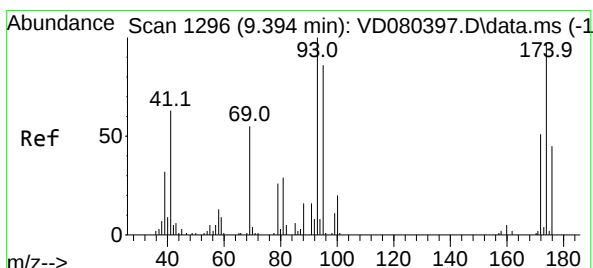
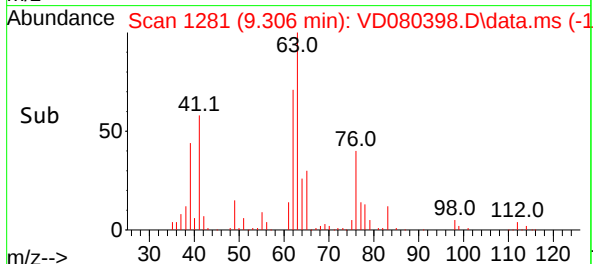
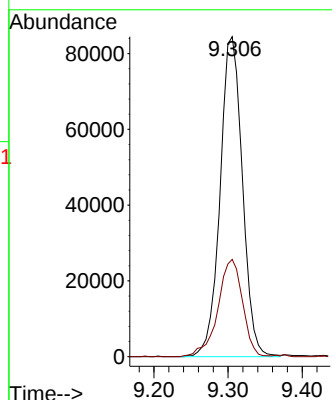
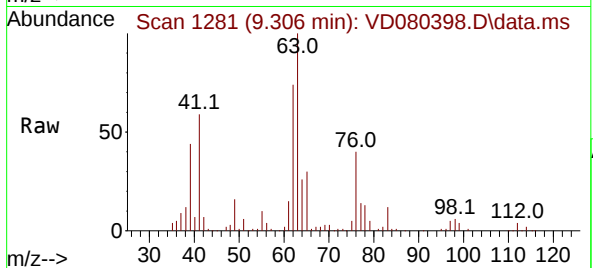
VSTDIC100

Tgt Ion: 63 Resp: 176640

Ion Ratio Lower Upper

63 100

65 30.5 23.9 35.9



#46

Dibromomethane

Concen: 96.850 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VD080398.D

Acq: 30 May 2025 10:43

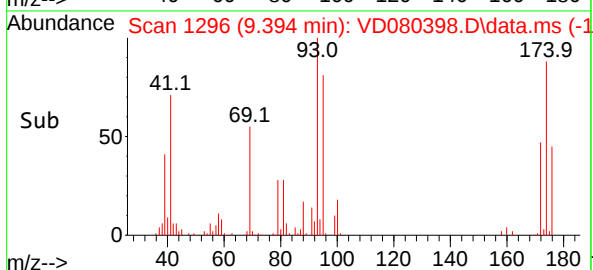
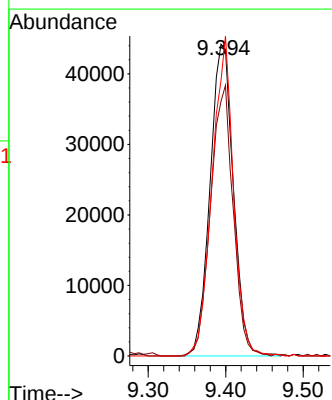
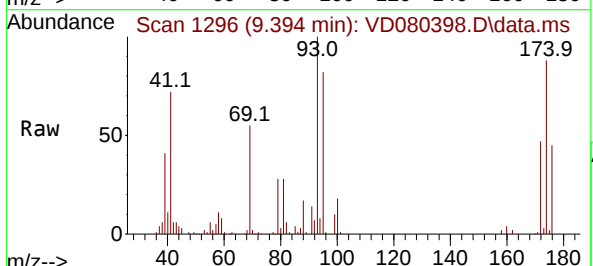
Tgt Ion: 93 Resp: 92418

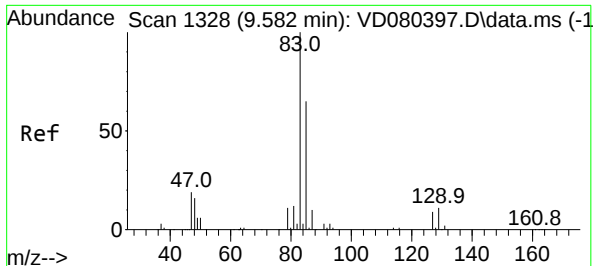
Ion Ratio Lower Upper

93 100

95 83.8 67.4 101.2

174 93.6 73.3 109.9

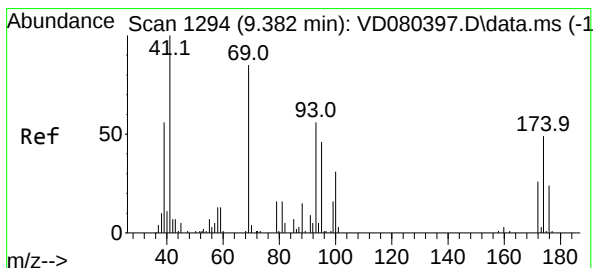
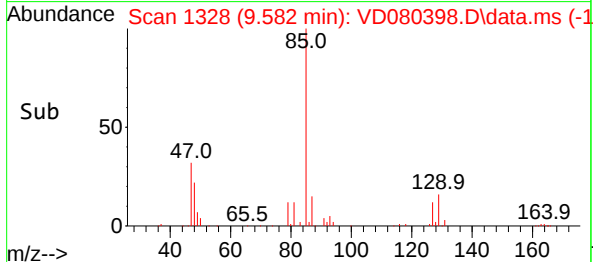
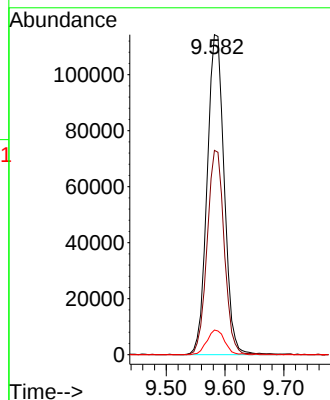
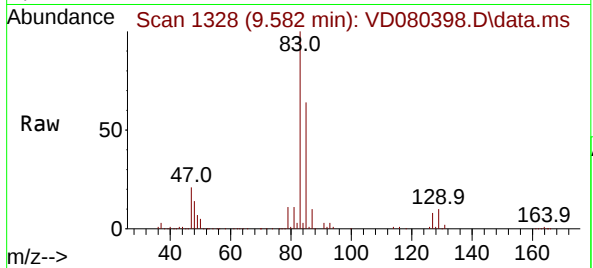




#47
Bromodichloromethane
Concen: 95.440 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

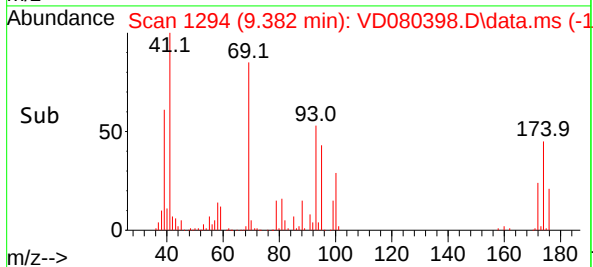
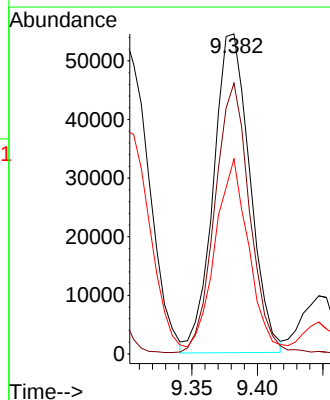
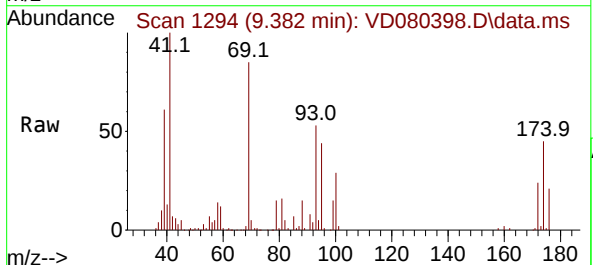
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

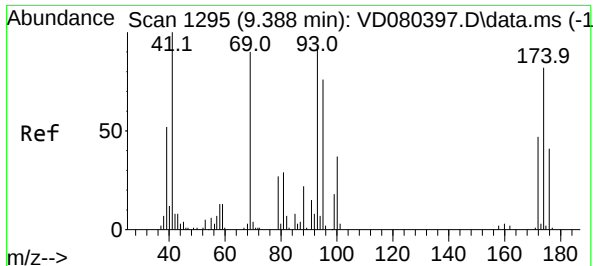
Tgt Ion: 83 Resp: 230567
Ion Ratio Lower Upper
83 100
85 63.9 52.2 78.2
127 7.7 7.0 10.6



#48
Methyl methacrylate
Concen: 105.119 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion: 41 Resp: 105363
Ion Ratio Lower Upper
41 100
69 82.1 63.8 95.8
39 53.1 40.6 60.8





#49

1,4-Dioxane

Concen: 1980.605 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VD080398.D

Acq: 30 May 2025 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

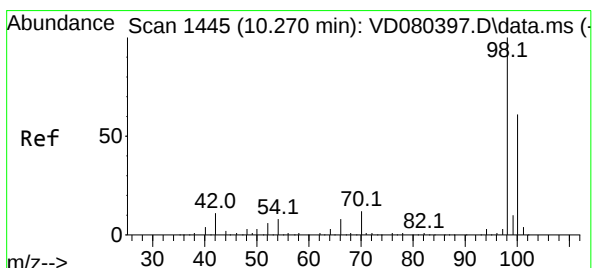
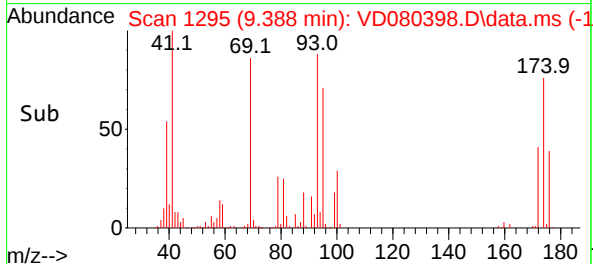
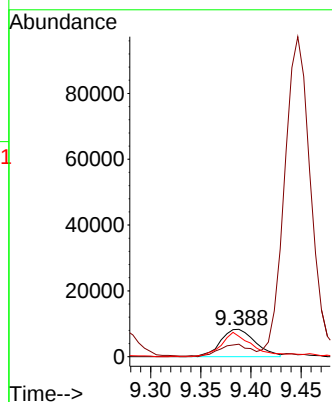
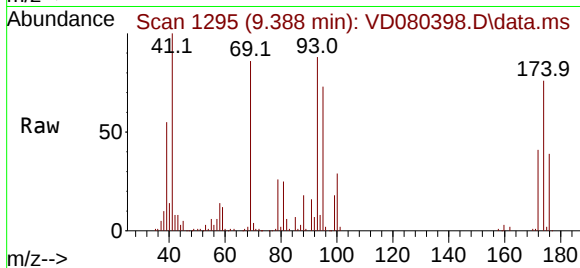
Tgt Ion: 88 Resp: 20084

Ion Ratio Lower Upper

88 100

43 39.6 35.8 53.8

58 86.4 58.3 87.5



#50

Toluene-d8

Concen: 115.287 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VD080398.D

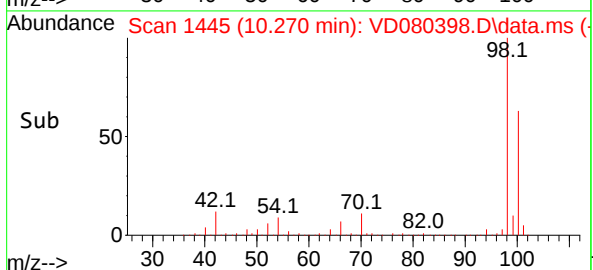
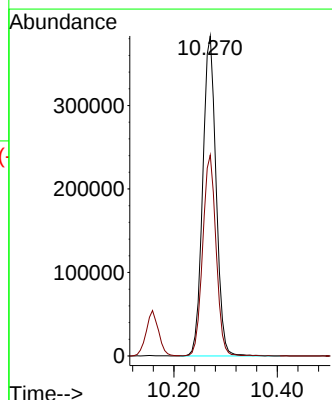
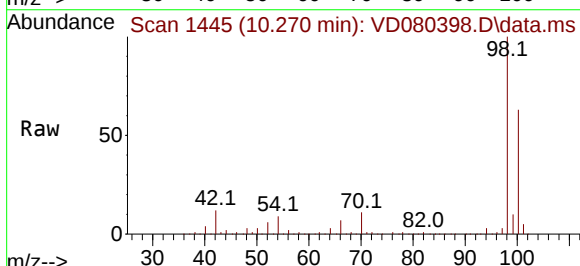
Acq: 30 May 2025 10:43

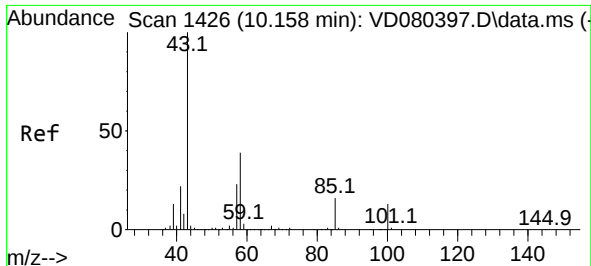
Tgt Ion: 98 Resp: 686249

Ion Ratio Lower Upper

98 100

100 62.6 50.3 75.5

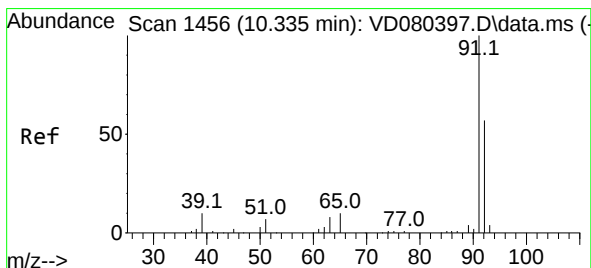
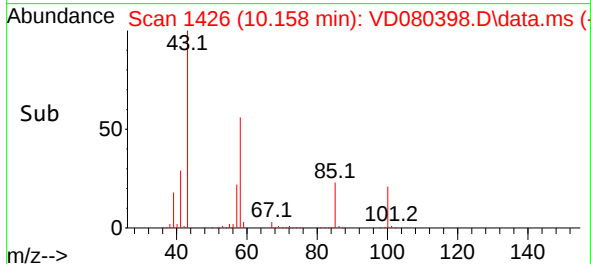
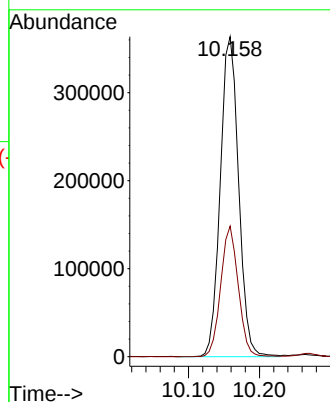
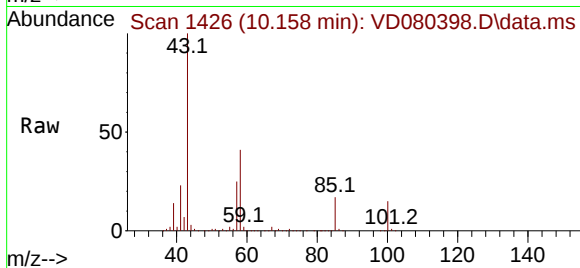




#51
4-Methyl-2-Pentanone
Concen: 598.172 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

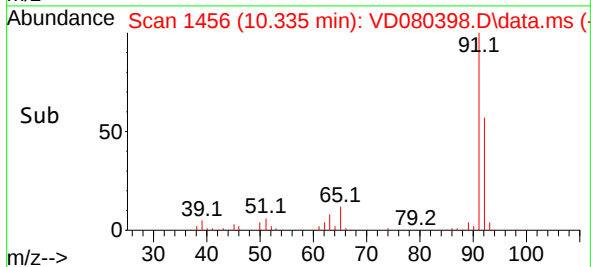
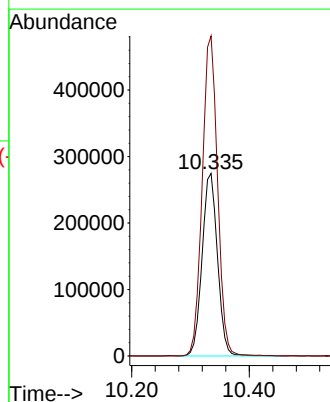
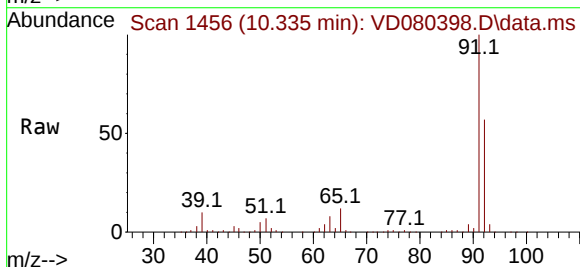
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

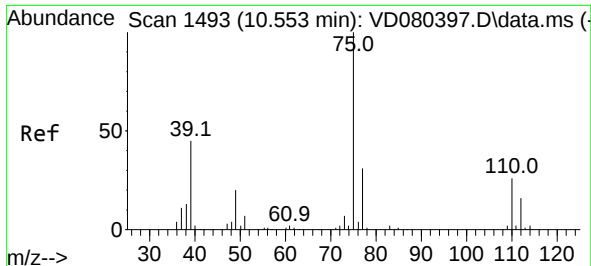
Tgt Ion: 43 Resp: 650244
Ion Ratio Lower Upper
43 100
58 39.1 30.5 45.7



#52
Toluene
Concen: 119.594 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion: 92 Resp: 498375
Ion Ratio Lower Upper
92 100
91 175.1 142.5 213.7

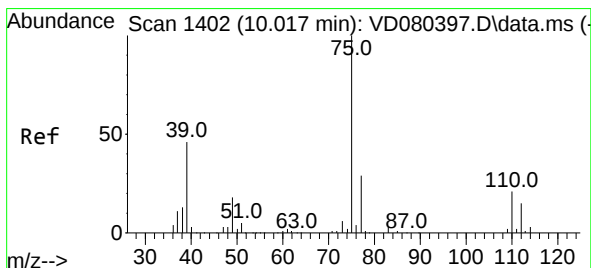
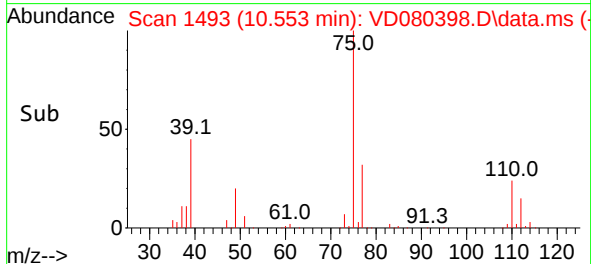
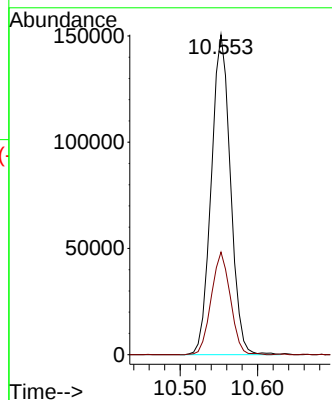
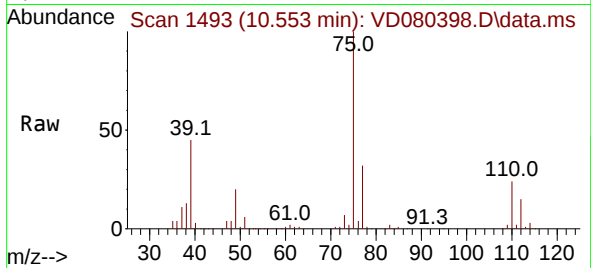




#53
t-1,3-Dichloropropene
Concen: 116.230 ug/l
RT: 10.553 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

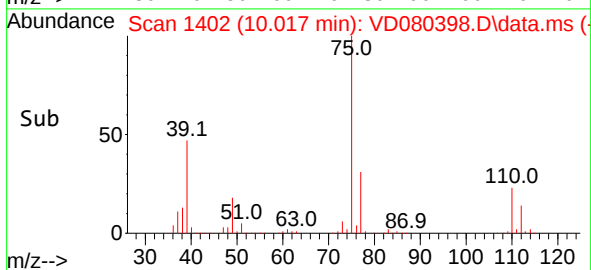
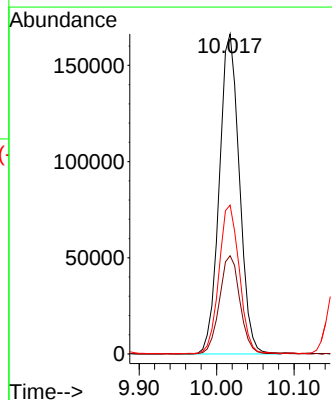
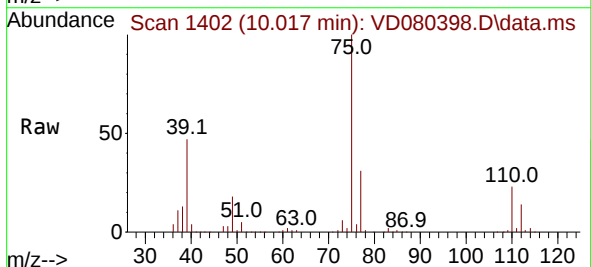
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

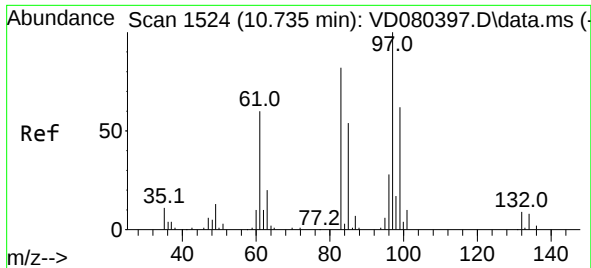
Tgt Ion: 75 Resp: 259017
Ion Ratio Lower Upper
75 100
77 32.1 24.7 37.1



#54
cis-1,3-Dichloropropene
Concen: 117.637 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion: 75 Resp: 300243
Ion Ratio Lower Upper
75 100
77 30.7 23.3 34.9
39 46.4 36.5 54.7



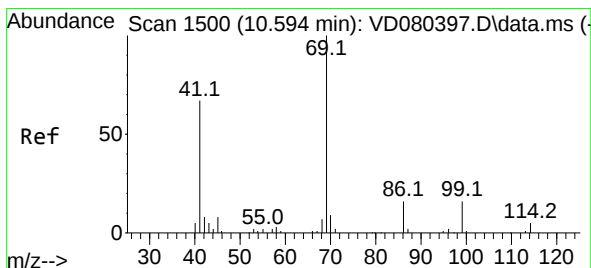
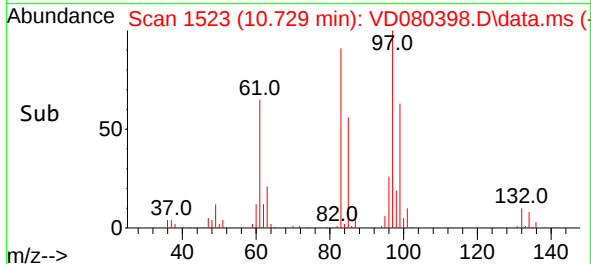
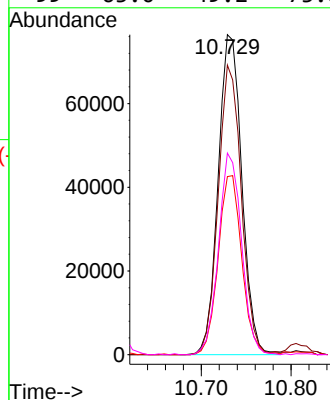
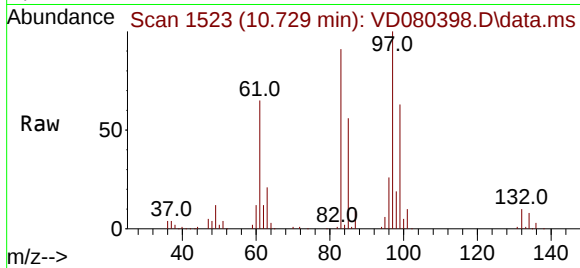


#55
1,1,2-Trichloroethane
Concen: 110.049 ug/l
RT: 10.729 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 140433

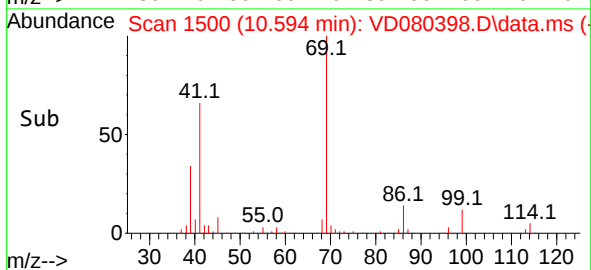
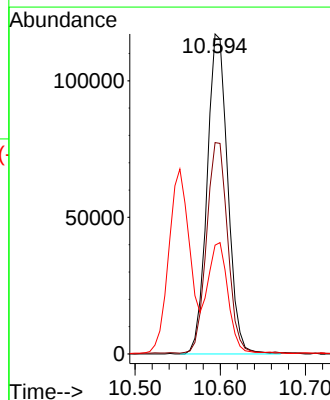
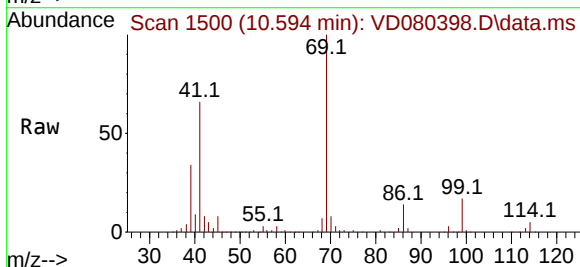
Ion	Ratio	Lower	Upper
97	100		
83	90.5	65.5	98.3
85	55.7	43.2	64.8
99	63.0	49.2	73.8

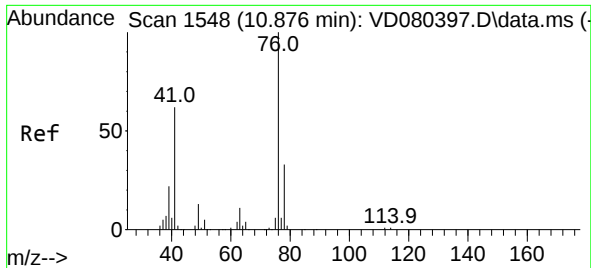


#56
Ethyl methacrylate
Concen: 104.293 ug/l
RT: 10.594 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion: 69 Resp: 196980

Ion	Ratio	Lower	Upper
69	100		
41	67.3	54.4	81.6
39	33.5	28.0	42.0

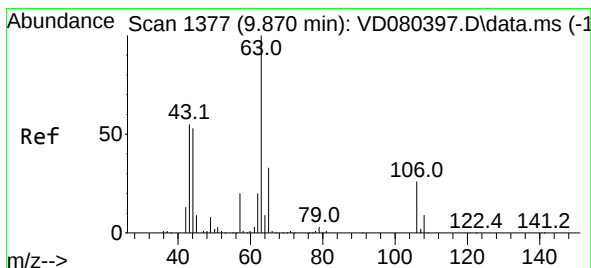
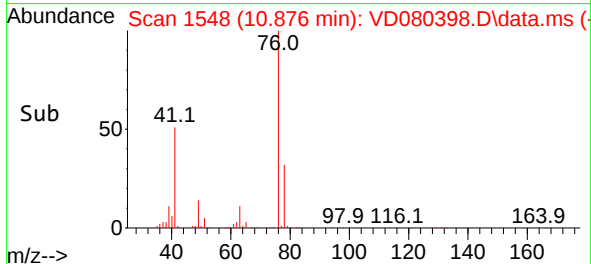
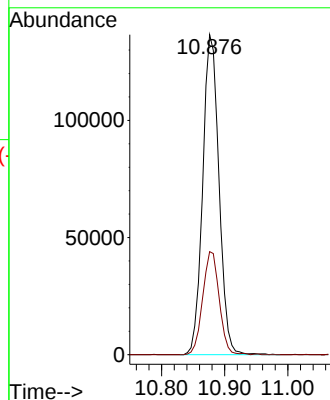
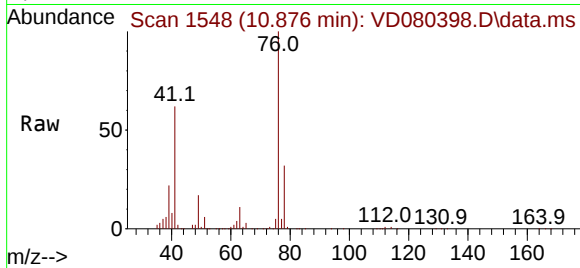




#57
 1,3-Dichloropropane
 Concen: 112.266 ug/l
 RT: 10.876 min Scan# 1548
 Delta R.T. 0.000 min
 Lab File: VD080398.D
 Acq: 30 May 2025 10:43

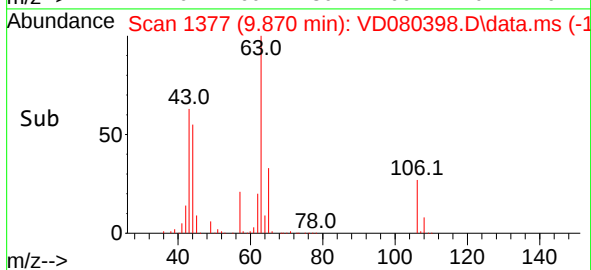
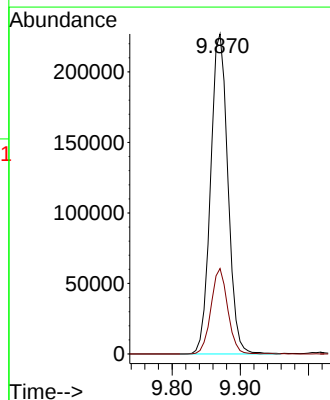
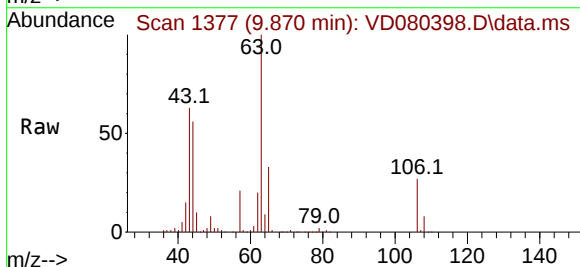
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

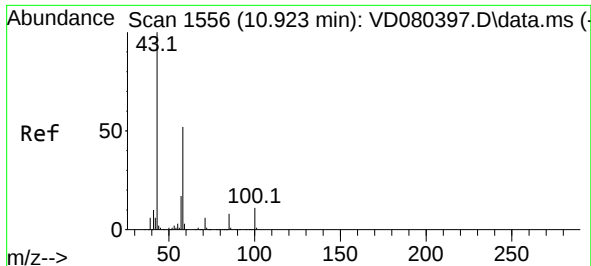
Tgt Ion: 76 Resp: 244780
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 616.718 ug/l
 RT: 9.870 min Scan# 1377
 Delta R.T. 0.000 min
 Lab File: VD080398.D
 Acq: 30 May 2025 10:43

Tgt Ion: 63 Resp: 401093
 Ion Ratio Lower Upper
 63 100
 106 25.8 20.7 31.1

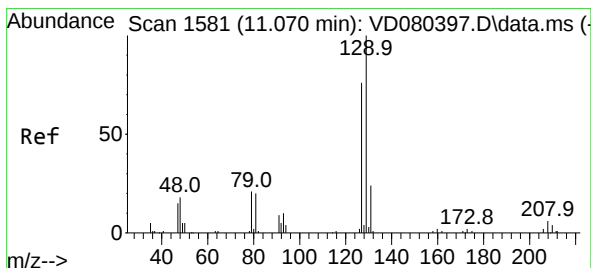
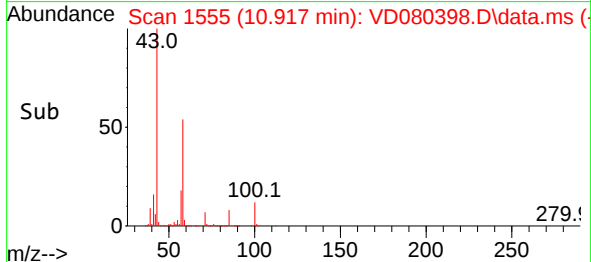
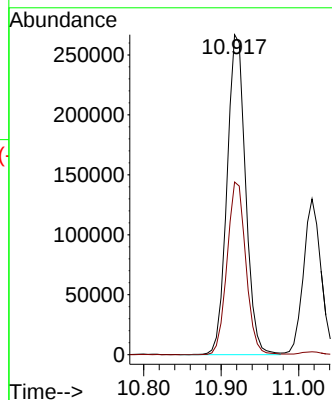
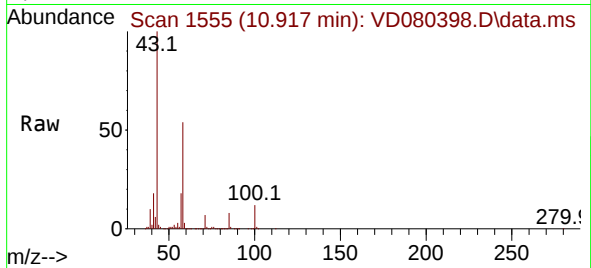




#59
2-Hexanone
Concen: 604.697 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

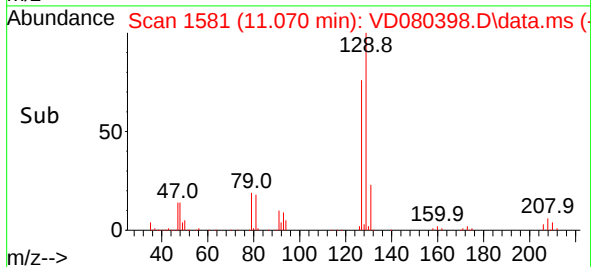
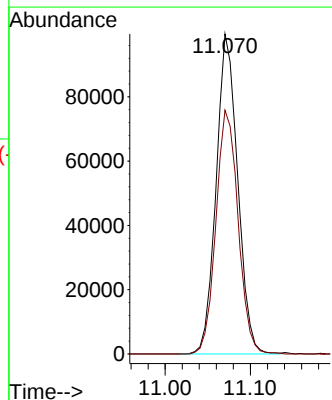
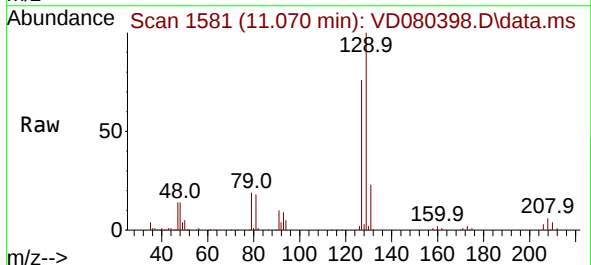
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

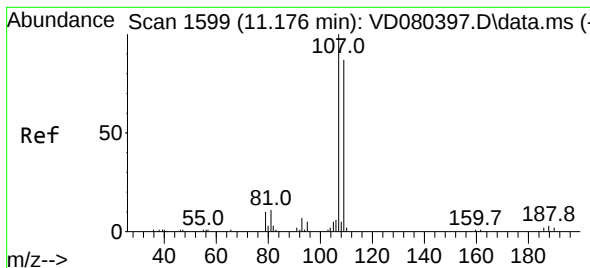
Tgt Ion: 43 Resp: 444815
Ion Ratio Lower Upper
43 100
58 54.6 25.8 77.4



#60
Dibromochloromethane
Concen: 112.326 ug/l
RT: 11.070 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion: 129 Resp: 174808
Ion Ratio Lower Upper
129 100
127 78.4 38.0 113.9





#61

1,2-Dibromoethane

Concen: 112.583 ug/l

RT: 11.176 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VD080398.D

Acq: 30 May 2025 10:43

Instrument :

MSVOA_D

ClientSampleId :

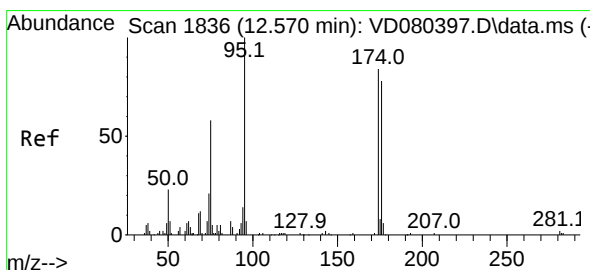
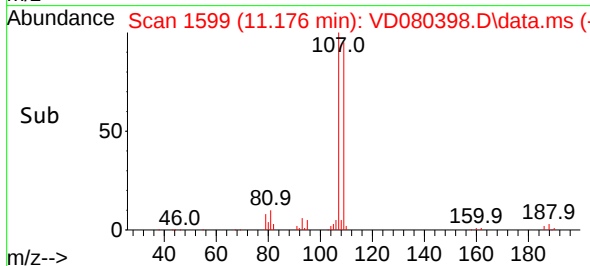
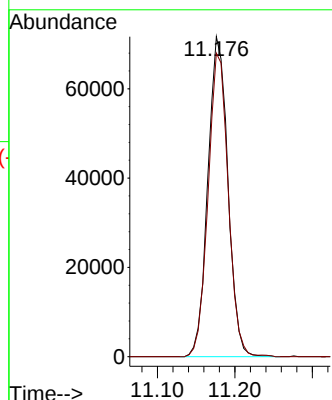
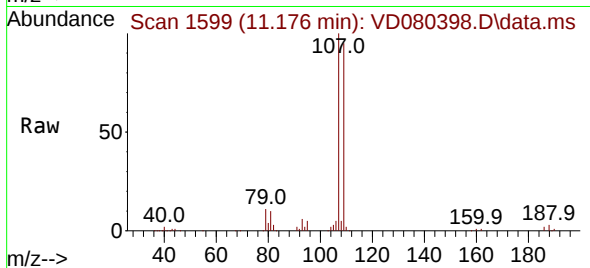
VSTDIC100

Tgt Ion:107 Resp: 128846

Ion Ratio Lower Upper

107 100

109 95.3 72.6 108.8



#62

4-Bromofluorobenzene

Concen: 121.718 ug/l

RT: 12.570 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VD080398.D

Acq: 30 May 2025 10:43

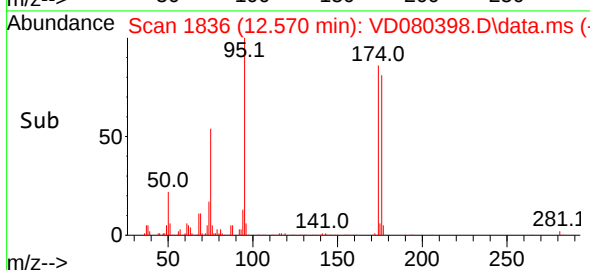
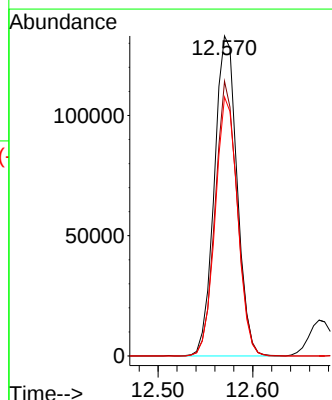
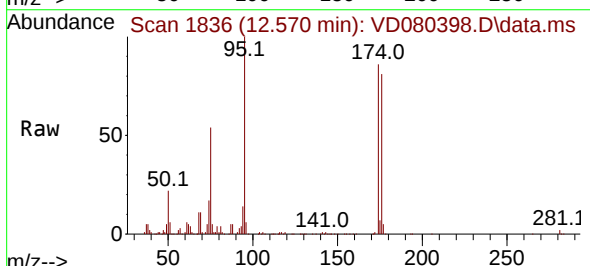
Tgt Ion: 95 Resp: 221775

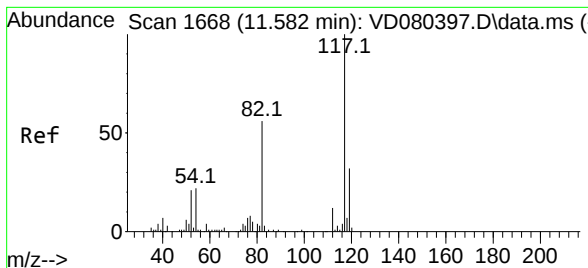
Ion Ratio Lower Upper

95 100

174 83.2 0.0 164.8

176 79.7 0.0 158.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.582 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080398.D

Acq: 30 May 2025 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

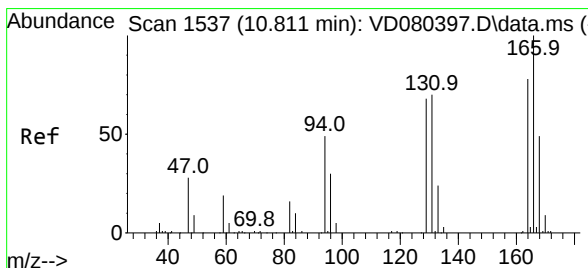
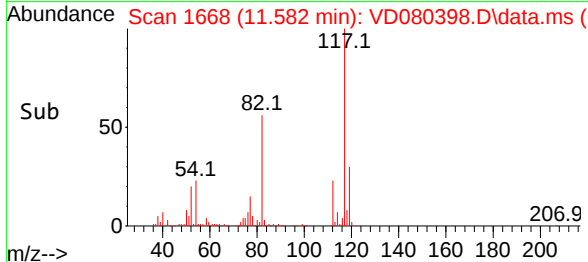
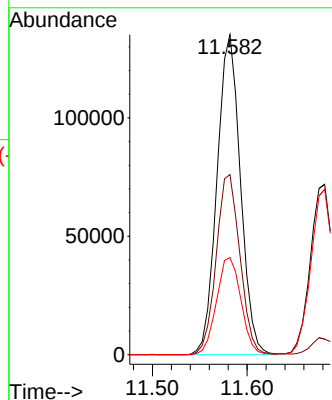
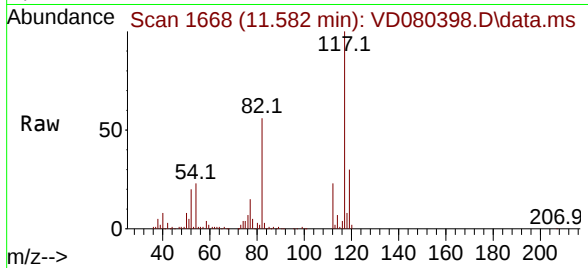
Tgt Ion:117 Resp: 232379

Ion Ratio Lower Upper

117 100

82 56.3 45.0 67.4

119 30.4 25.6 38.4



#64

Tetrachloroethene

Concen: 99.028 ug/l

RT: 10.811 min Scan# 1537

Delta R.T. 0.000 min

Lab File: VD080398.D

Acq: 30 May 2025 10:43

Tgt Ion:164 Resp: 155054

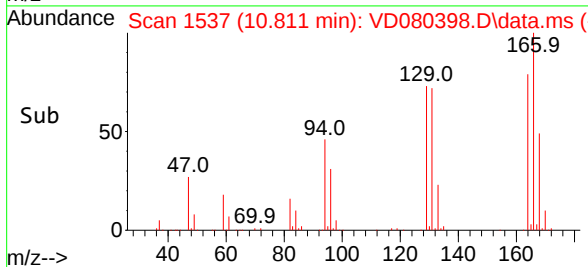
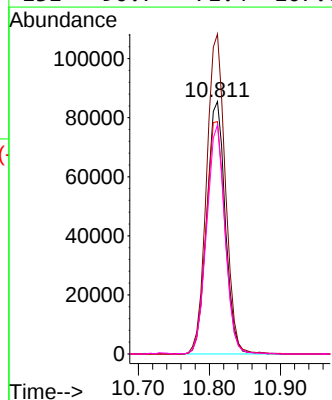
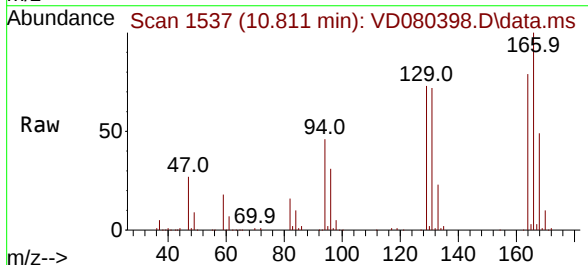
Ion Ratio Lower Upper

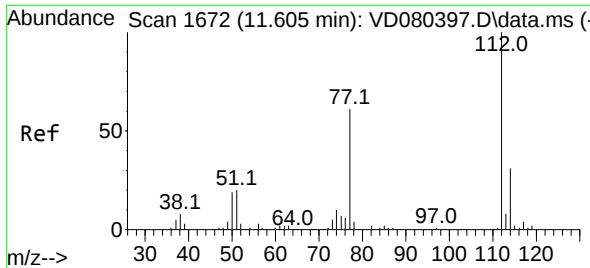
164 100

166 126.7 102.0 153.0

129 92.0 69.8 104.8

131 90.7 71.4 107.0

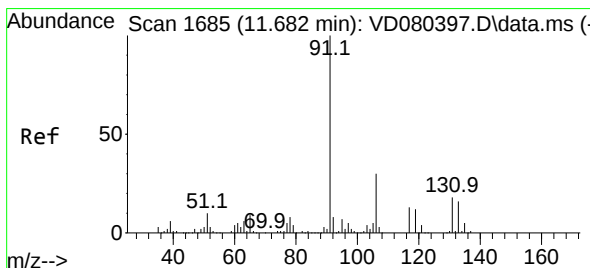
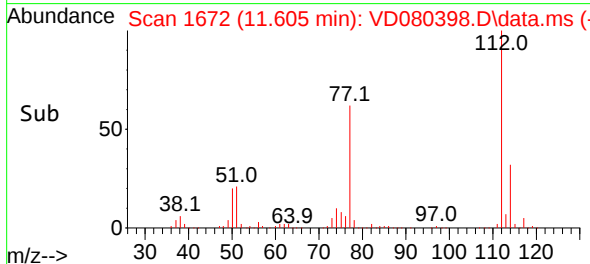
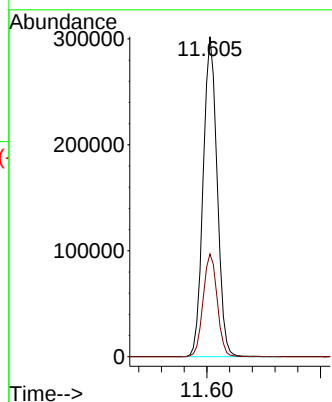
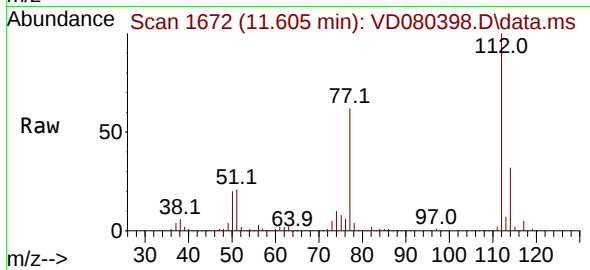




#65
Chlorobenzene
Concen: 101.176 ug/l
RT: 11.605 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

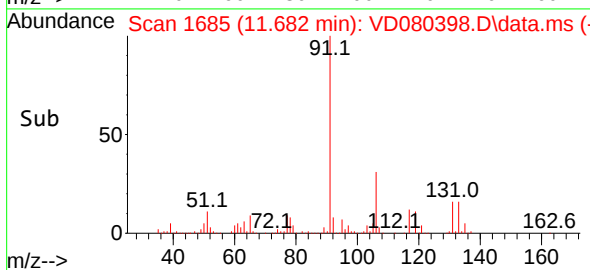
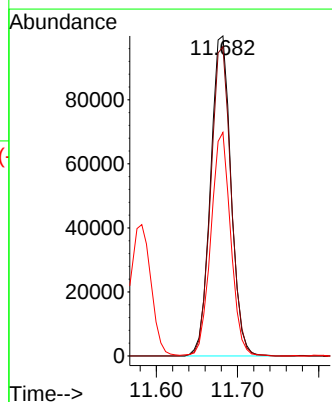
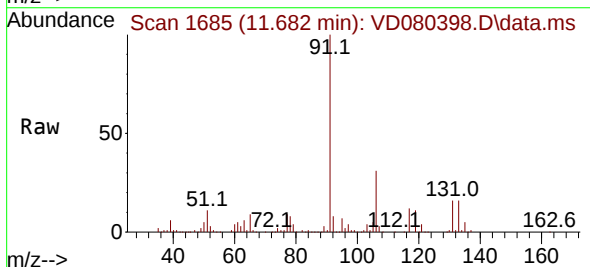
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

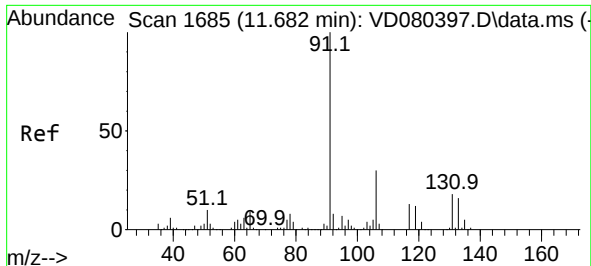
Tgt Ion:112 Resp: 515344
Ion Ratio Lower Upper
112 100
114 32.1 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 101.846 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion:131 Resp: 174882
Ion Ratio Lower Upper
131 100
133 96.2 47.3 141.8
119 67.8 33.8 101.4

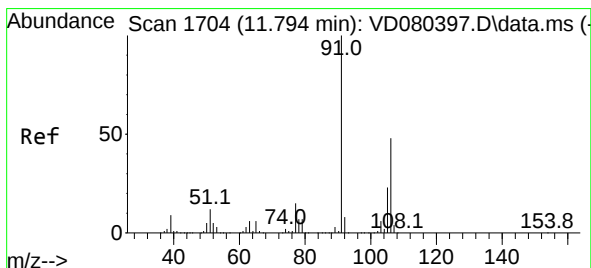
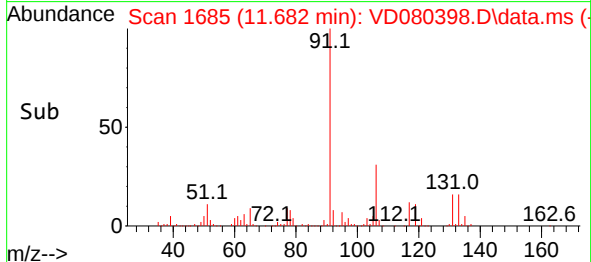
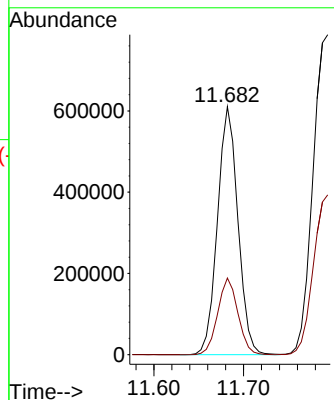
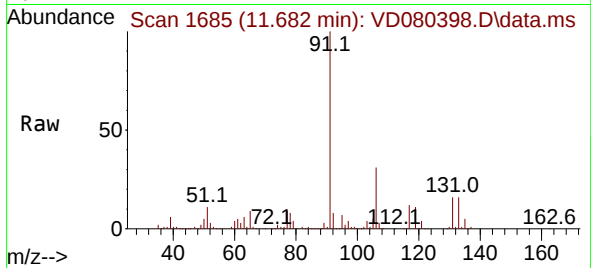




#67
Ethyl Benzene
Concen: 112.219 ug/l
RT: 11.682 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

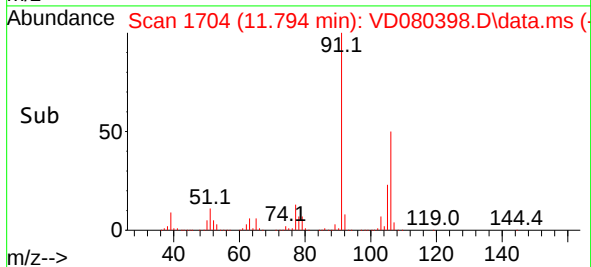
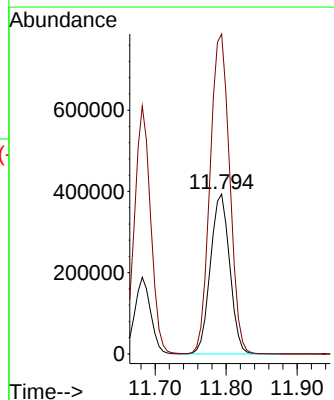
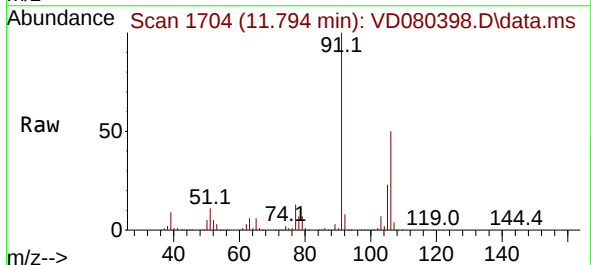
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

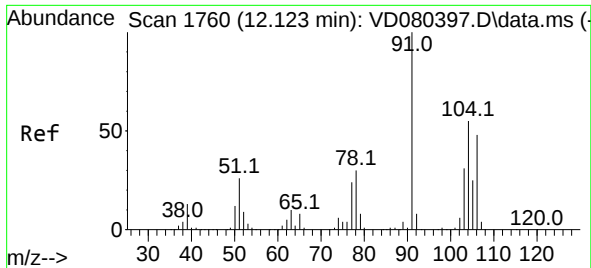
Tgt Ion: 91 Resp: 964730
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6



#68
m/p-Xylenes
Concen: 219.848 ug/l
RT: 11.794 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion: 106 Resp: 740198
Ion Ratio Lower Upper
106 100
91 204.0 164.6 247.0

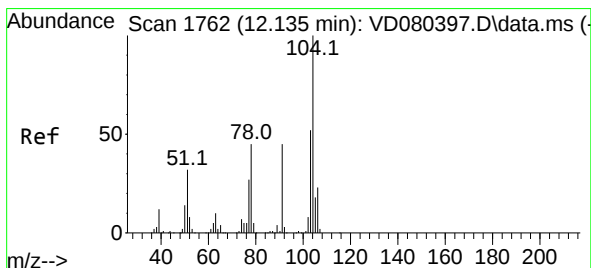
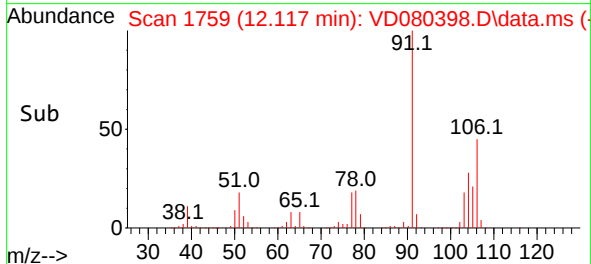
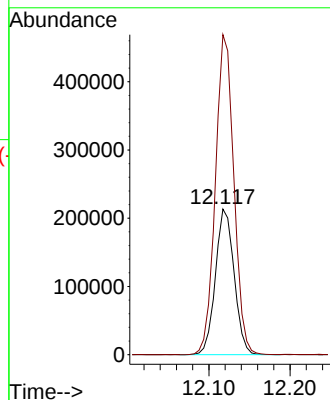
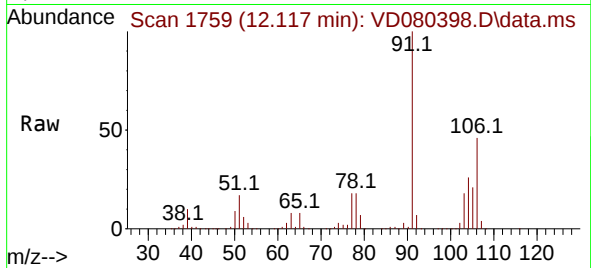




#69
o-Xylene
Concen: 109.210 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. -0.006 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

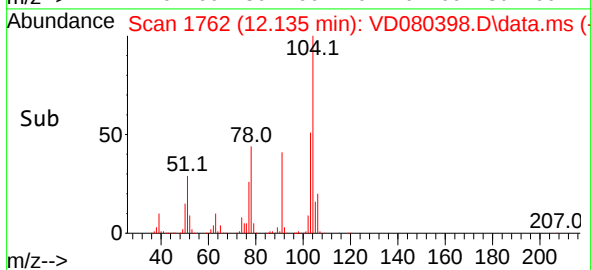
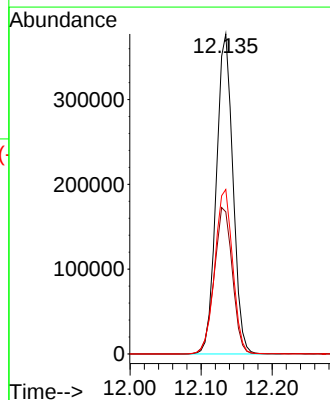
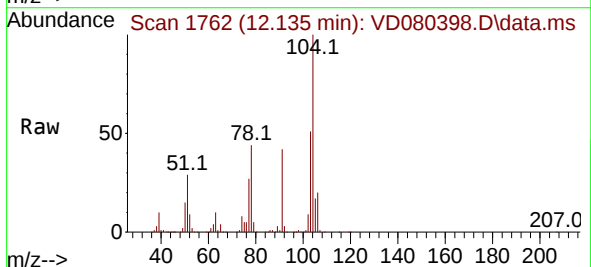
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

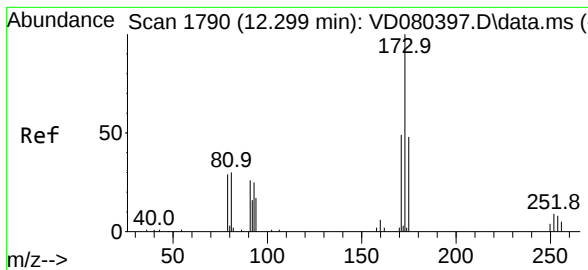
Tgt Ion:106 Resp: 342296
Ion Ratio Lower Upper
106 100
91 217.1 108.0 324.0



#70
Styrene
Concen: 110.575 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion:104 Resp: 611039
Ion Ratio Lower Upper
104 100
78 50.2 39.6 59.4
103 55.5 44.4 66.6

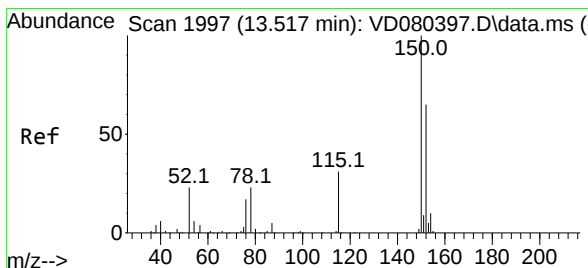
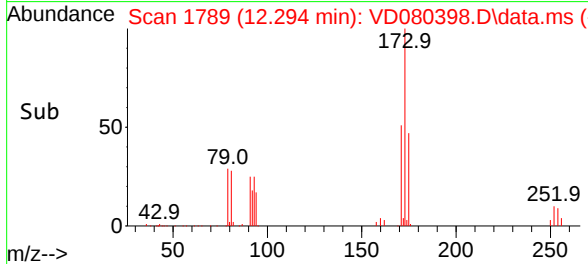
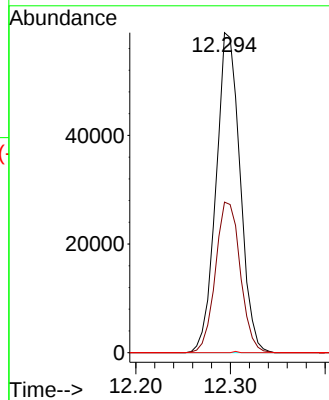
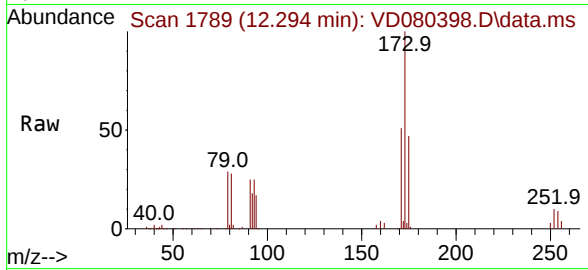




#71
Bromoform
Concen: 109.122 ug/l
RT: 12.294 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

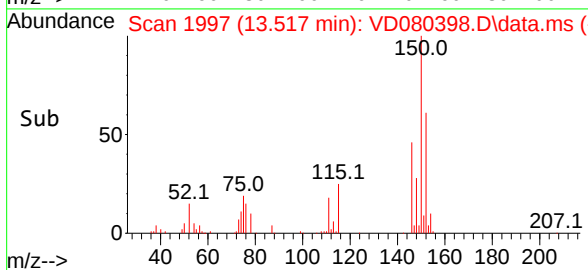
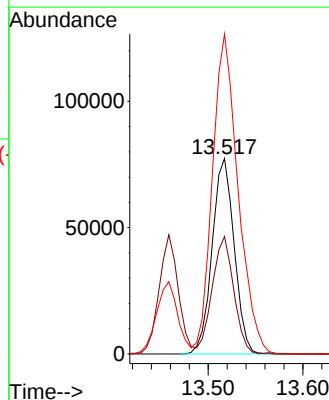
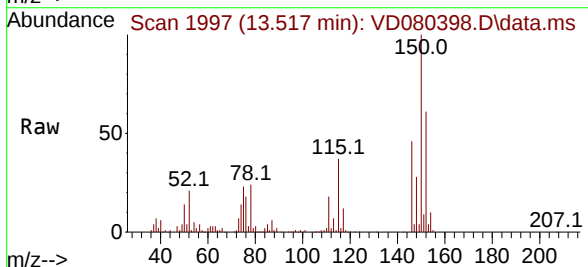
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

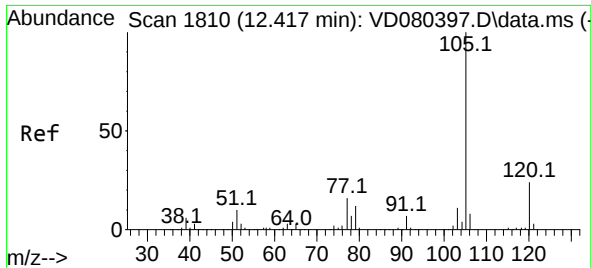
Tgt Ion:173 Resp: 103646
Ion Ratio Lower Upper
173 100
175 48.7 23.8 71.5
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion:152 Resp: 124824
Ion Ratio Lower Upper
152 100
115 58.9 30.1 90.5
150 190.5 0.0 350.6

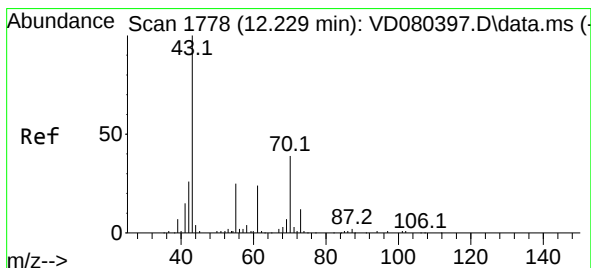
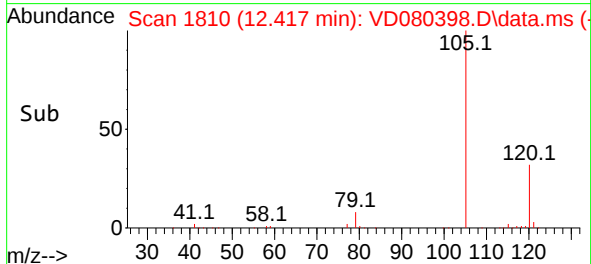
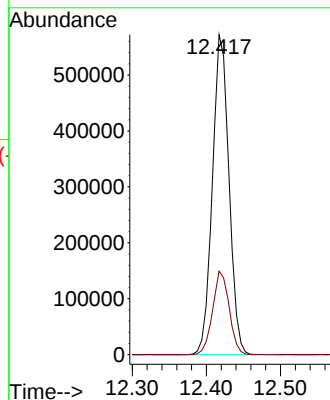
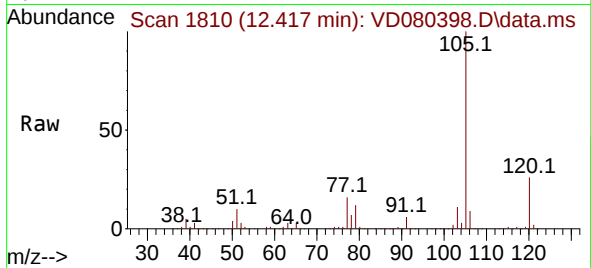




#73
Isopropylbenzene
Concen: 103.484 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

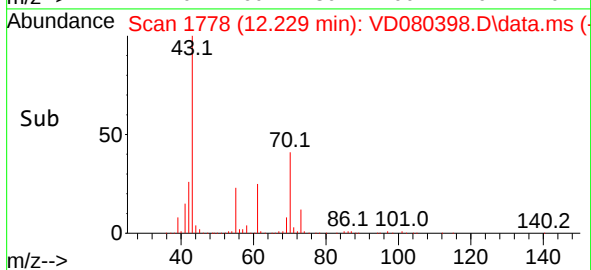
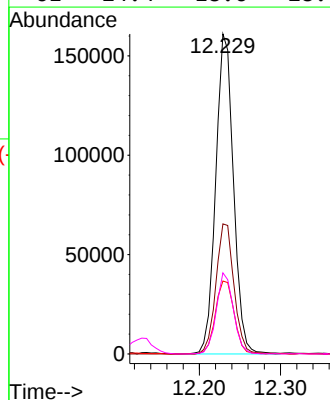
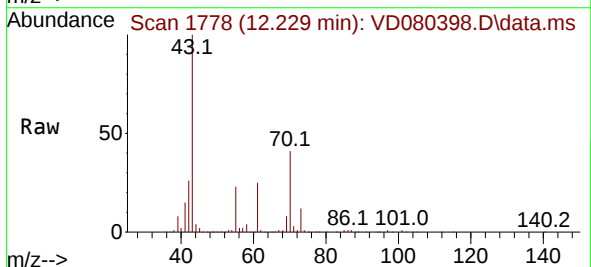
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

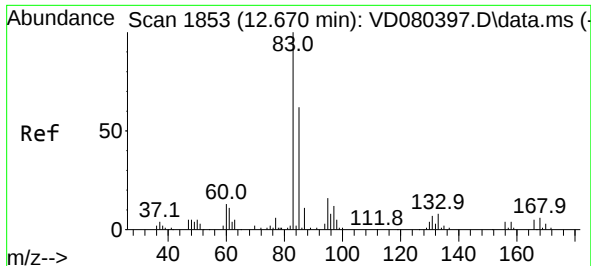
Tgt Ion:105 Resp: 887745
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.6



#74
N-ethyl acetate
Concen: 105.286 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion: 43 Resp: 244957
Ion Ratio Lower Upper
43 100
70 41.3 33.4 50.0
55 24.1 19.9 29.9
61 24.4 18.6 28.0

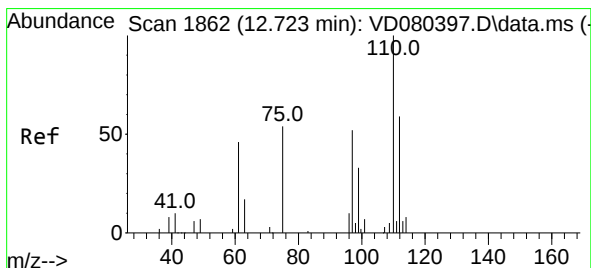
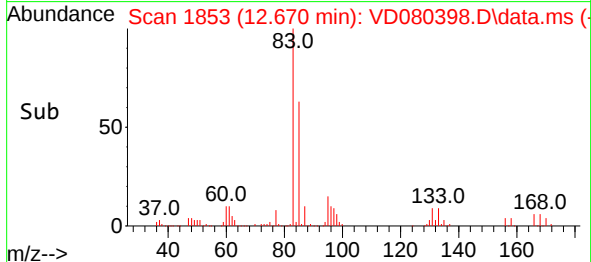
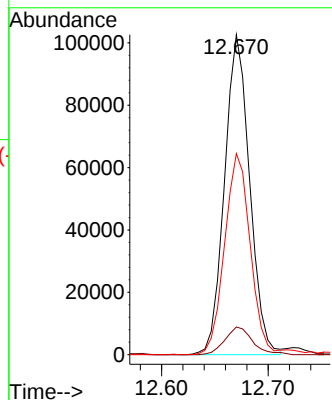
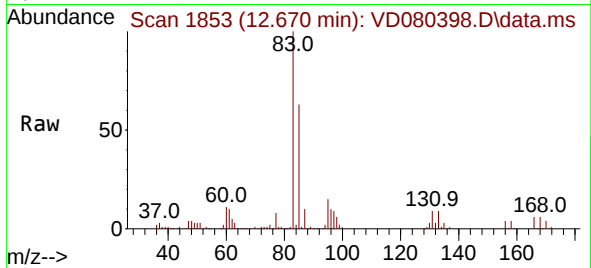




#75
1,1,2,2-Tetrachloroethane
Concen: 92.666 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

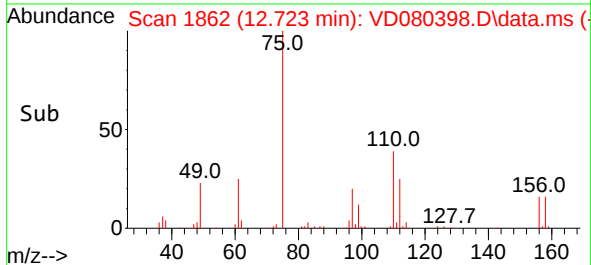
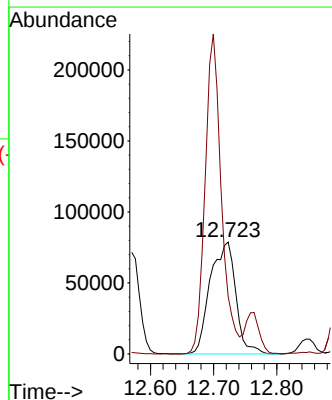
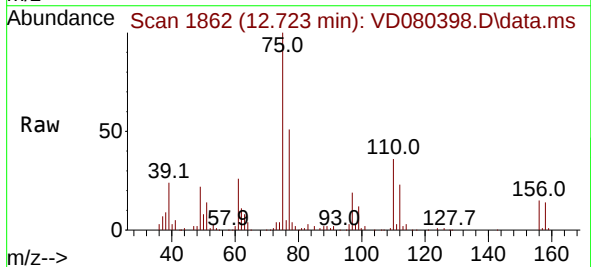
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

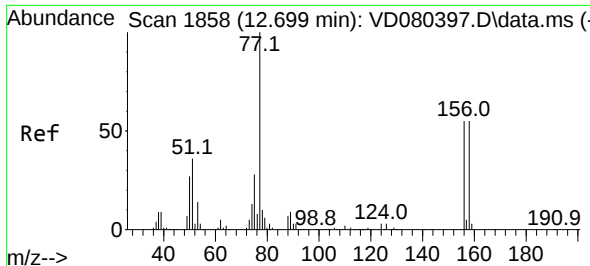
Tgt Ion: 83 Resp: 168034
Ion Ratio Lower Upper
83 100
131 9.5 4.6 13.8
85 64.0 30.9 92.7



#76
1,2,3-Trichloropropane
Concen: 172.758 ug/l
RT: 12.723 min Scan# 1862
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion: 75 Resp: 221782
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

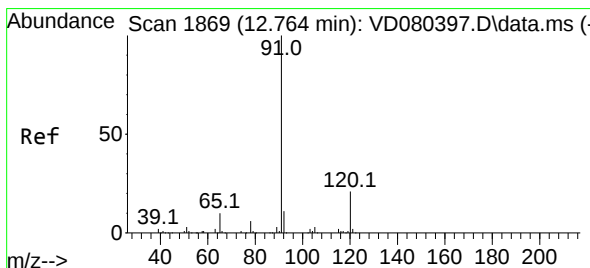
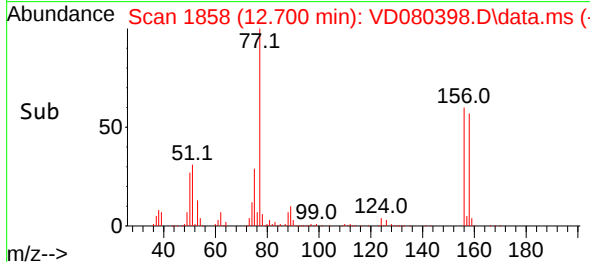
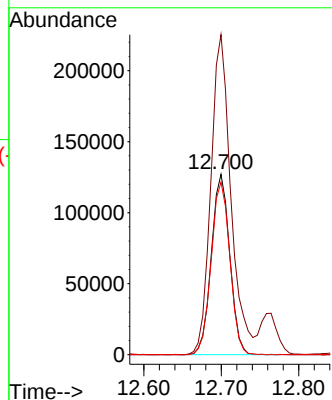
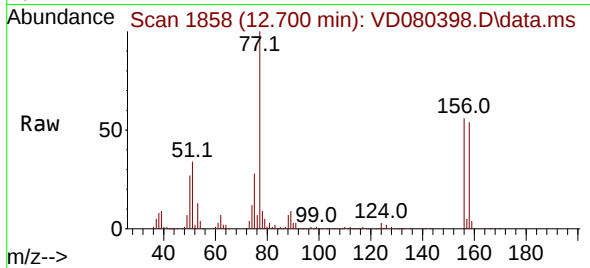




#77
Bromobenzene
Concen: 99.745 ug/l
RT: 12.700 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

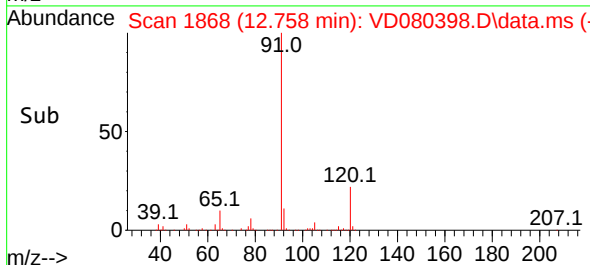
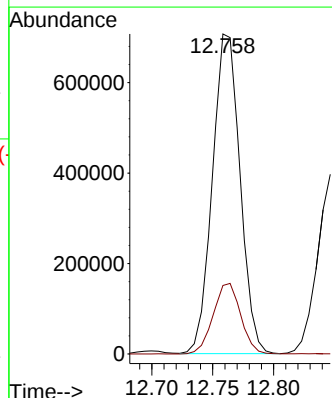
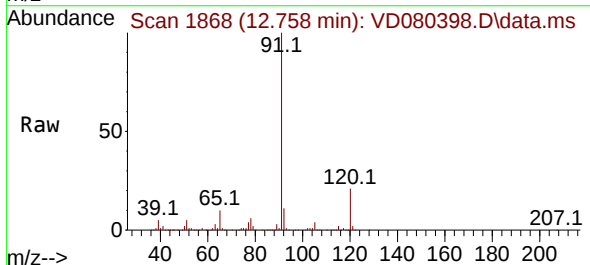
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

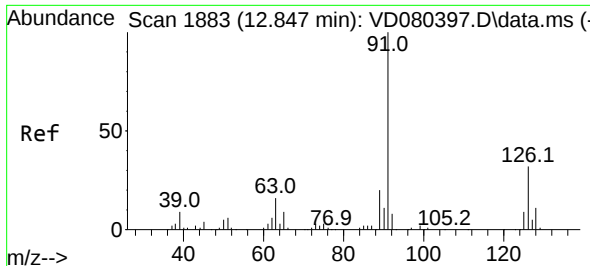
Tgt Ion:156 Resp: 210488
Ion Ratio Lower Upper
156 100
77 192.4 100.0 299.9
158 96.7 49.3 147.9



#78
n-propylbenzene
Concen: 104.788 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion: 91 Resp: 1117625
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9

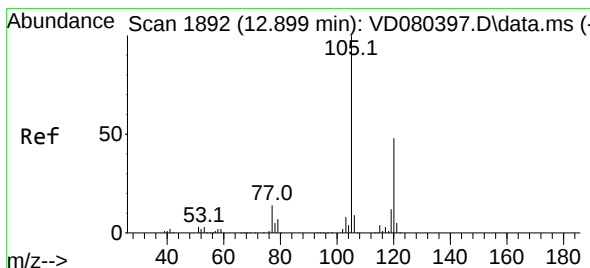
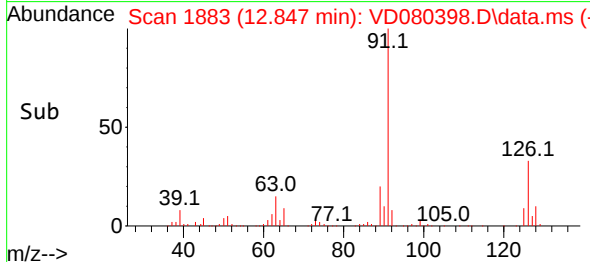
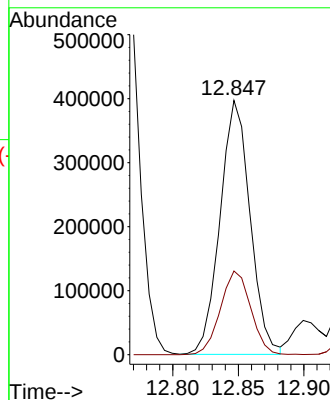
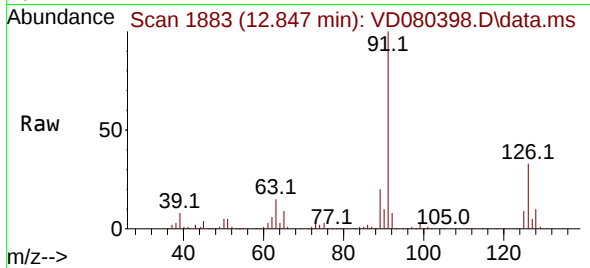




#79
2-Chlorotoluene
Concen: 103.061 ug/l
RT: 12.847 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

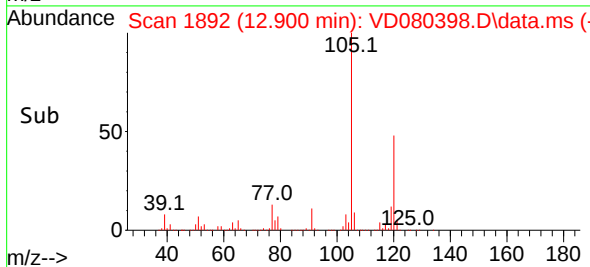
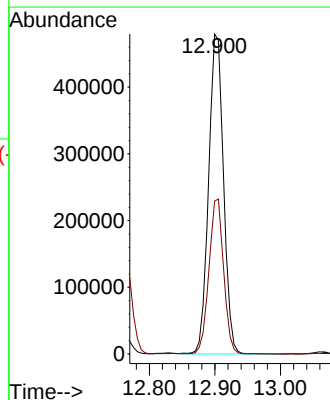
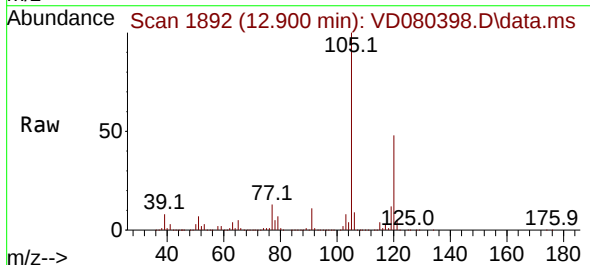
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

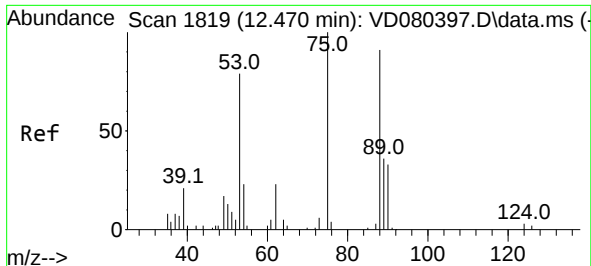
Tgt Ion: 91 Resp: 633112
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.1



#80
1,3,5-Trimethylbenzene
Concen: 105.934 ug/l
RT: 12.900 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion:105 Resp: 758510
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3

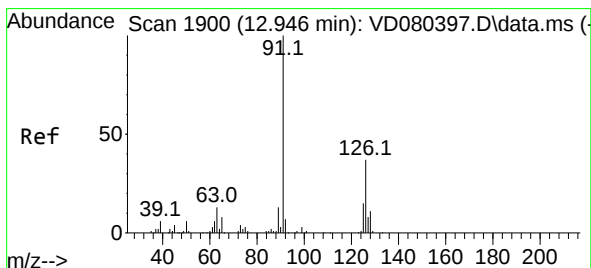
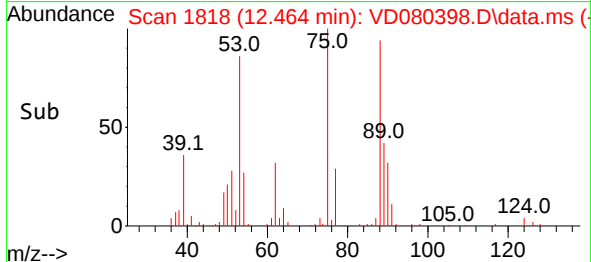
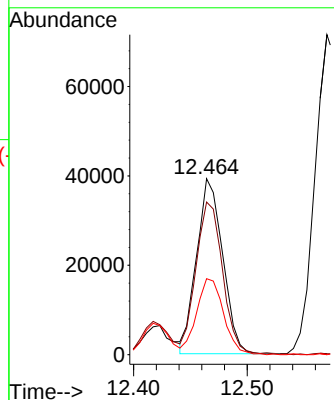
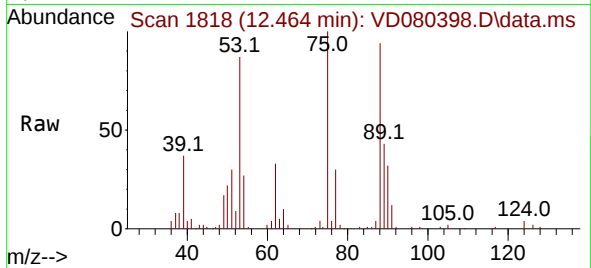




#81
trans-1,4-Dichloro-2-butene
Concen: 97.234 ug/l
RT: 12.464 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

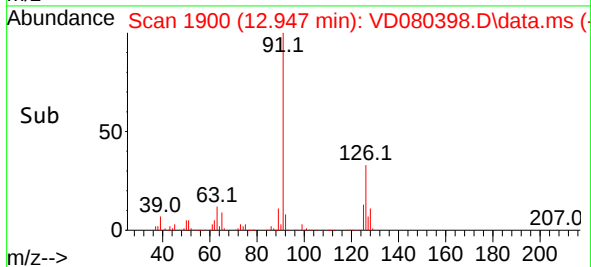
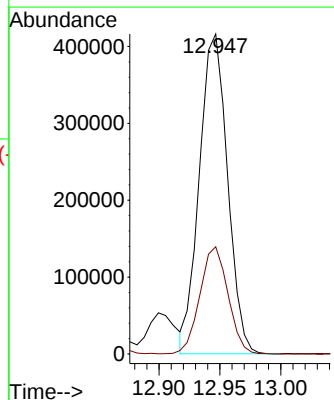
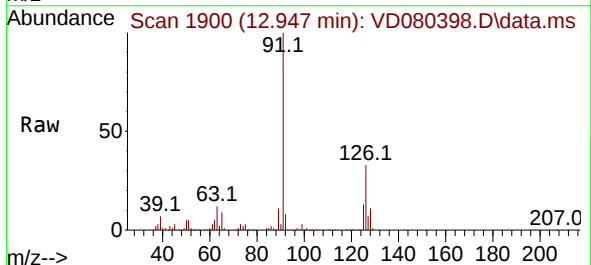
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

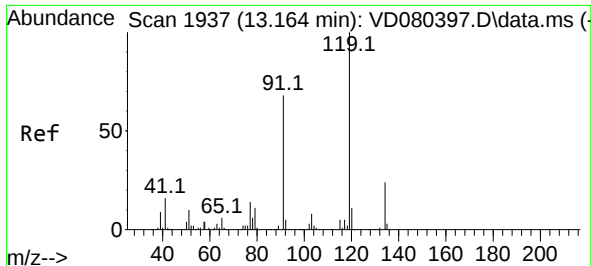
Tgt Ion: 75 Resp: 62475
Ion Ratio Lower Upper
75 100
53 89.8 72.3 108.5
89 45.1 35.7 53.5



#82
4-Chlorotoluene
Concen: 102.312 ug/l
RT: 12.947 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion: 91 Resp: 670629
Ion Ratio Lower Upper
91 100
126 33.4 17.0 51.0

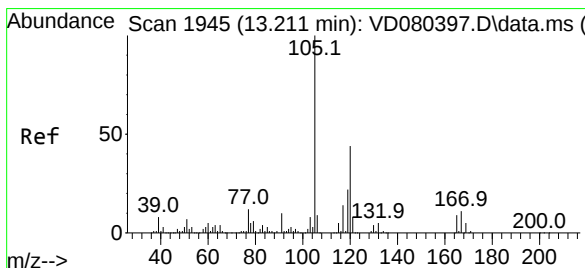
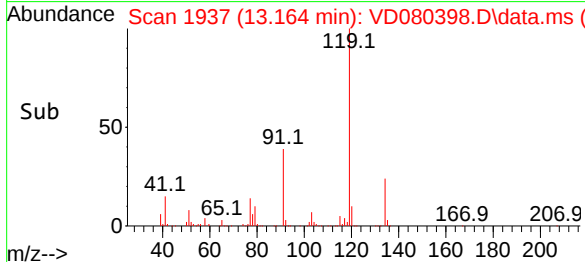
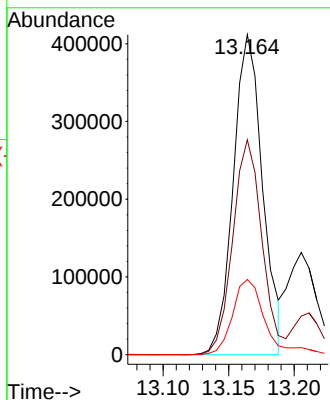
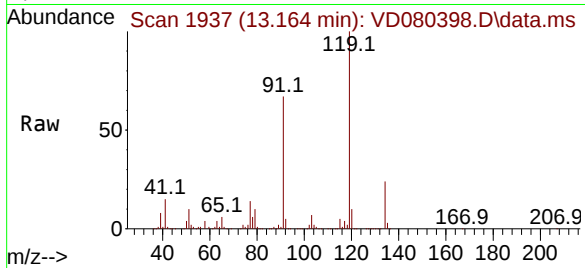




#83
tert-Butylbenzene
Concen: 106.594 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

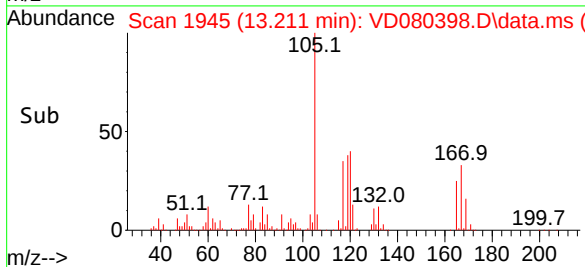
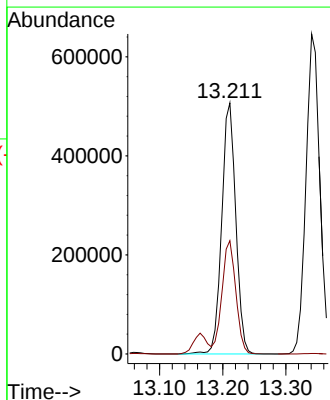
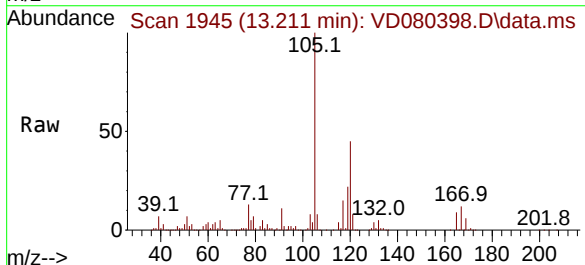
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

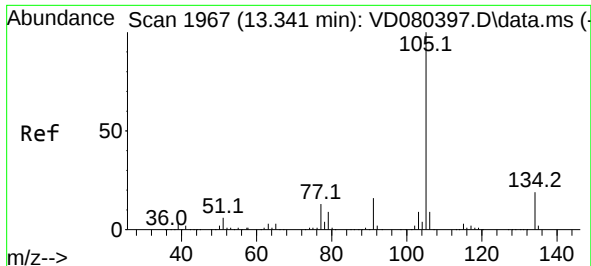
Tgt Ion:119 Resp: 641491
Ion Ratio Lower Upper
119 100
91 67.0 33.7 101.1
134 26.0 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 109.832 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion:105 Resp: 782386
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.0

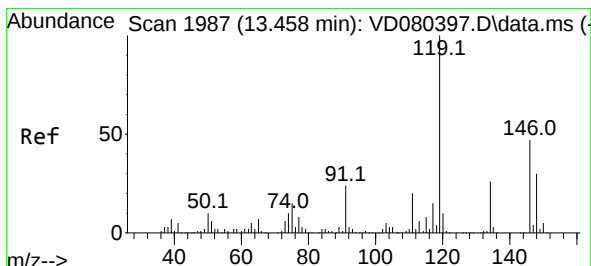
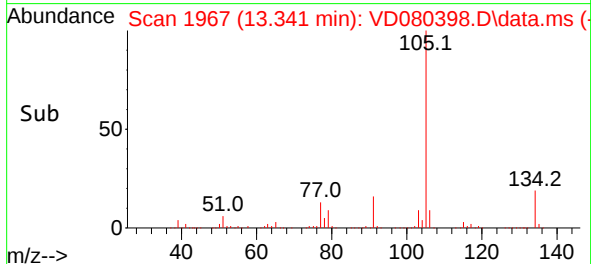
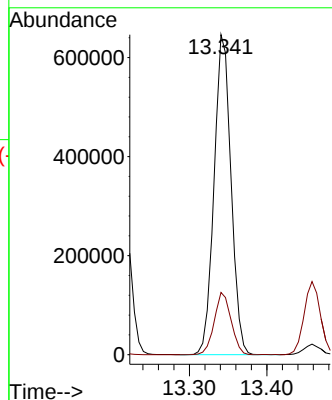
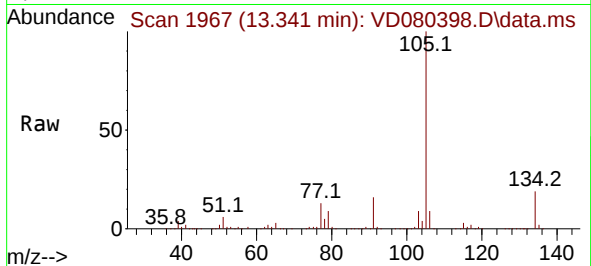




#85
 sec-Butylbenzene
 Concen: 107.987 ug/l
 RT: 13.341 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080398.D
 Acq: 30 May 2025 10:43

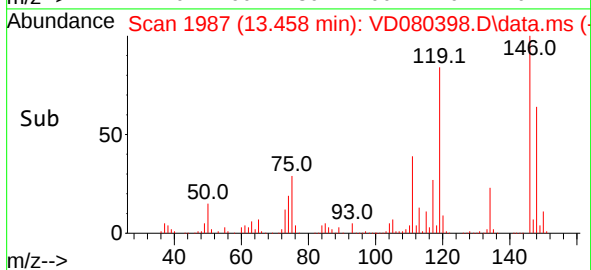
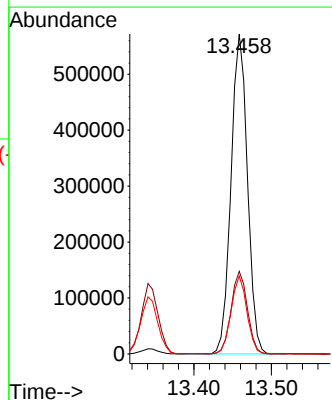
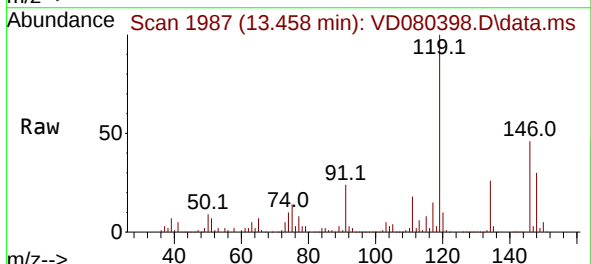
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

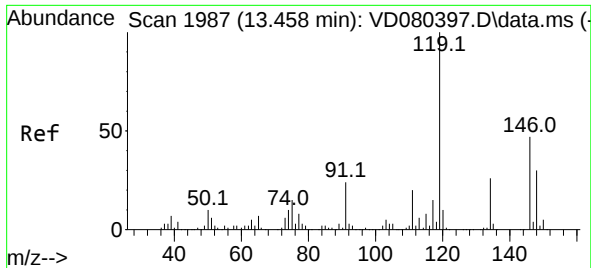
Tgt Ion:105 Resp: 980253
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 110.674 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080398.D
 Acq: 30 May 2025 10:43

Tgt Ion:119 Resp: 844257
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.1 39.1
 91 23.5 12.4 37.0

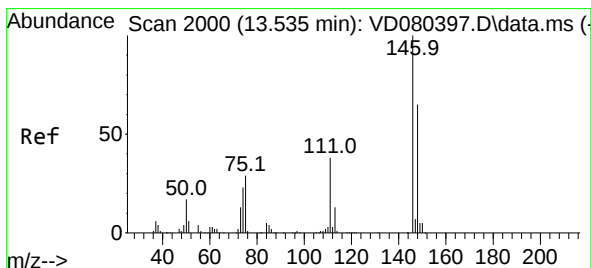
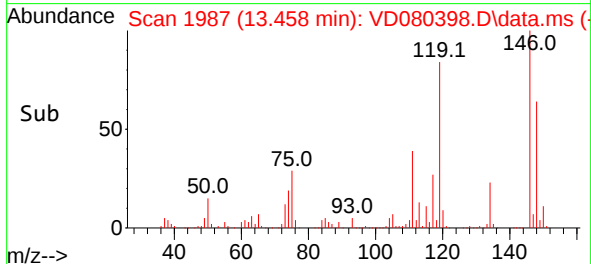
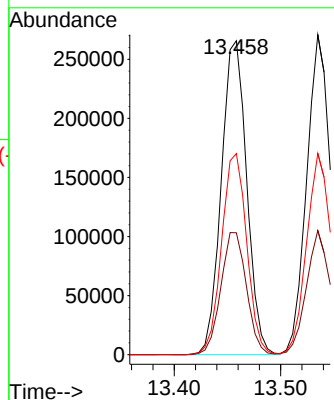
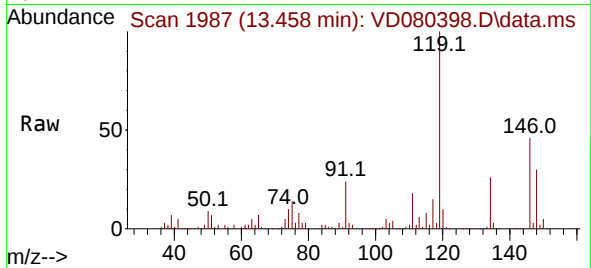




#87
 1,3-Dichlorobenzene
 Concen: 101.879 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VD080398.D
 Acq: 30 May 2025 10:43

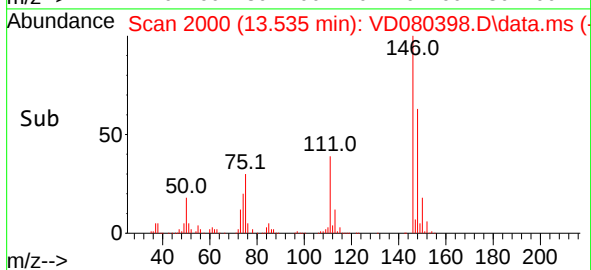
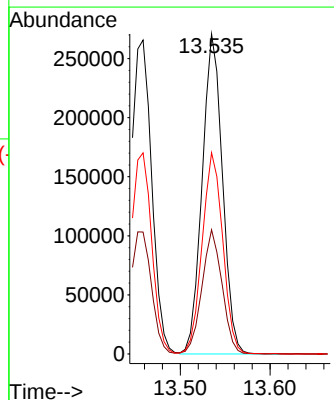
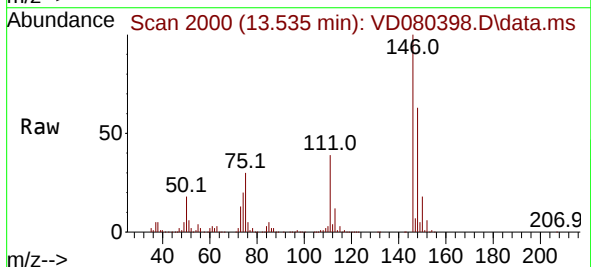
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

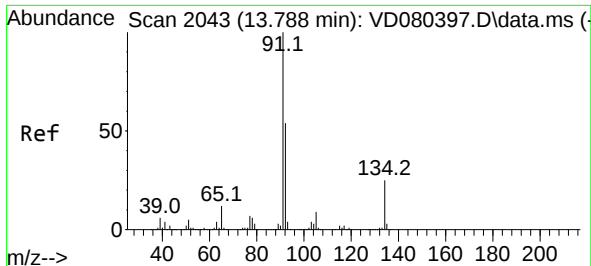
Tgt Ion:146 Resp: 440602
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.3 60.8
 148 63.4 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 98.495 ug/l
 RT: 13.535 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: VD080398.D
 Acq: 30 May 2025 10:43

Tgt Ion:146 Resp: 425793
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.9 59.6
 148 63.9 32.6 98.0

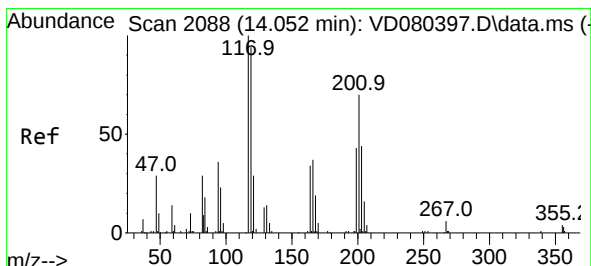
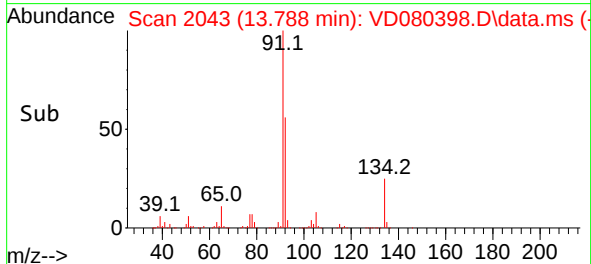
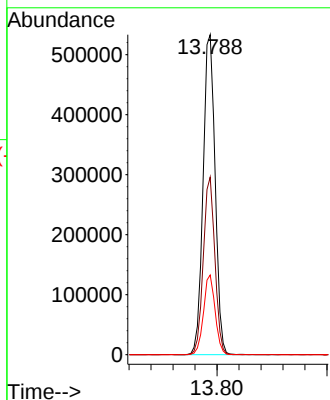
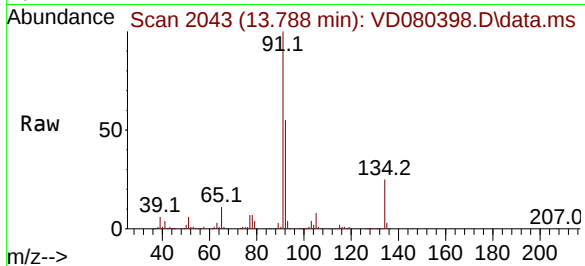




#89
n-Butylbenzene
Concen: 104.527 ug/l
RT: 13.788 min Scan# 2043
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

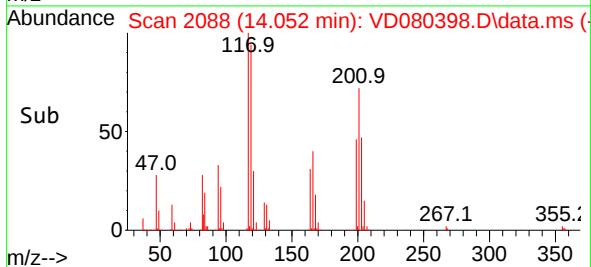
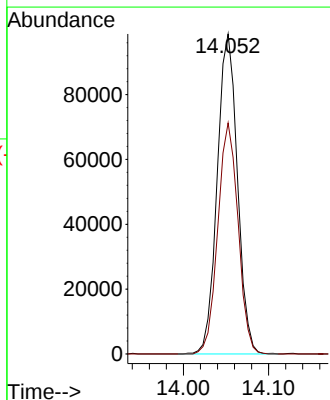
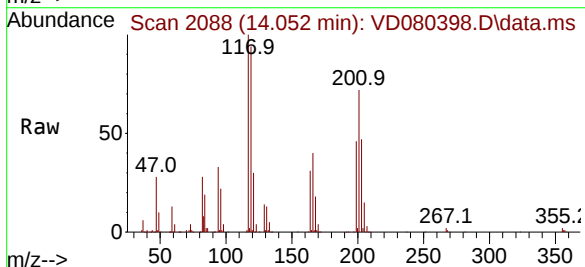
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

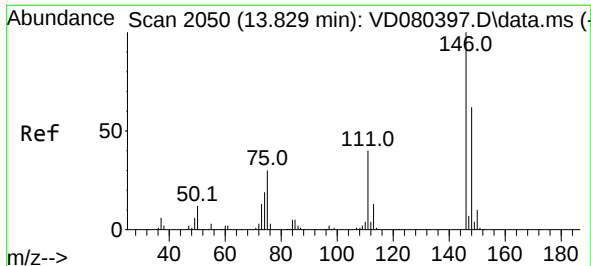
Tgt Ion: 91 Resp: 808189
Ion Ratio Lower Upper
91 100
92 53.5 26.4 79.2
134 24.1 12.3 36.9



#90
Hexachloroethane
Concen: 96.090 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VD080398.D
Acq: 30 May 2025 10:43

Tgt Ion: 117 Resp: 162561
Ion Ratio Lower Upper
117 100
201 72.3 36.1 108.3

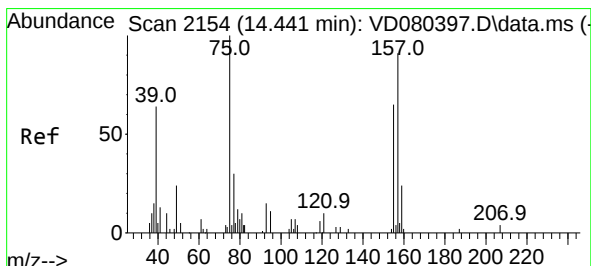
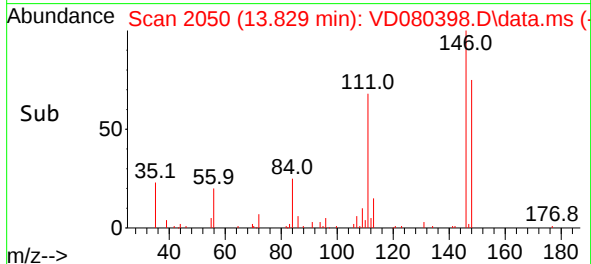
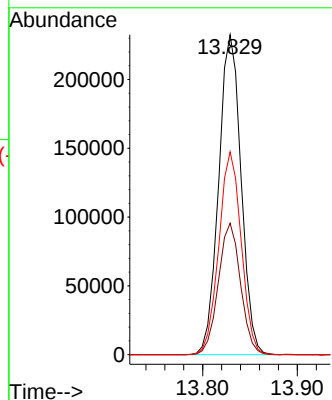
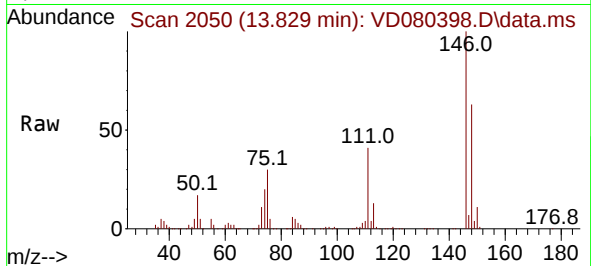




#91
 1,2-Dichlorobenzene
 Concen: 102.318 ug/l
 RT: 13.829 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VD080398.D
 Acq: 30 May 2025 10:43

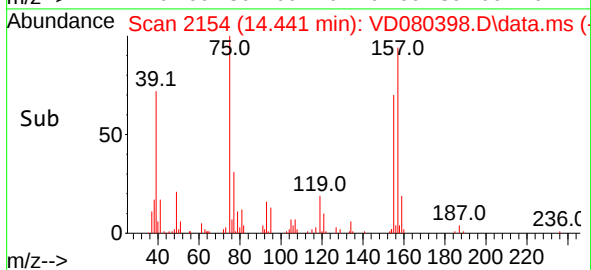
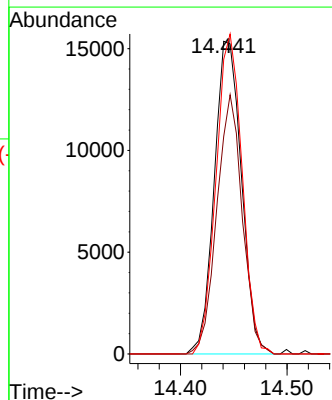
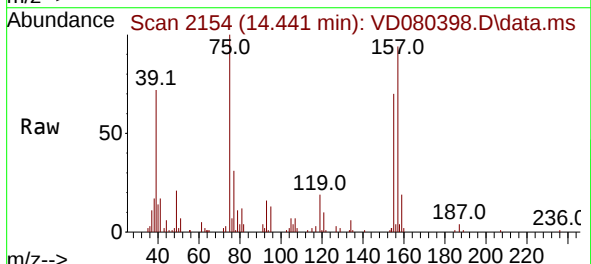
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

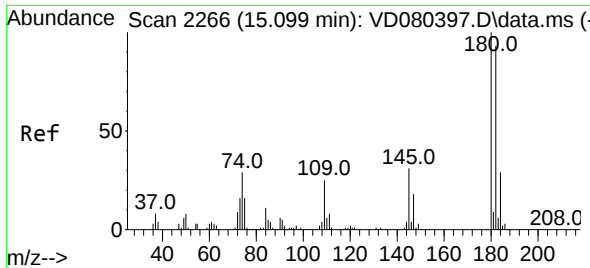
Tgt Ion:146 Resp: 382367
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.5 61.5
 148 63.4 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 92.180 ug/l
 RT: 14.441 min Scan# 2154
 Delta R.T. -0.000 min
 Lab File: VD080398.D
 Acq: 30 May 2025 10:43

Tgt Ion: 75 Resp: 27229
 Ion Ratio Lower Upper
 75 100
 155 77.7 35.8 107.3
 157 97.8 44.8 134.3

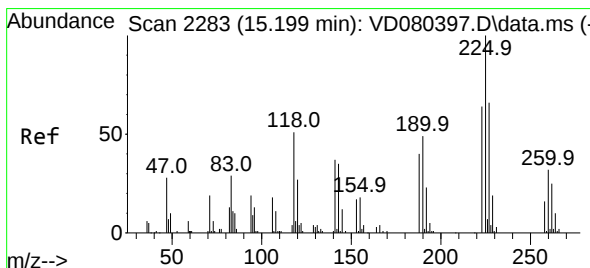
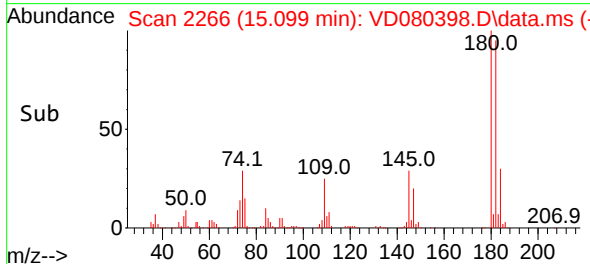
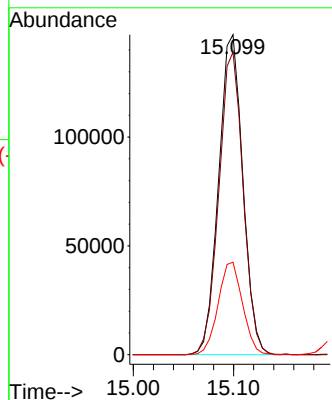
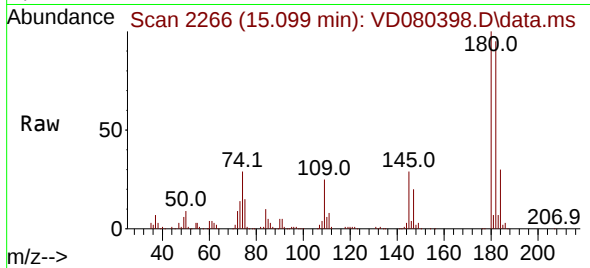




#93
 1,2,4-Trichlorobenzene
 Concen: 91.331 ug/l
 RT: 15.099 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: VD080398.D
 Acq: 30 May 2025 10:43

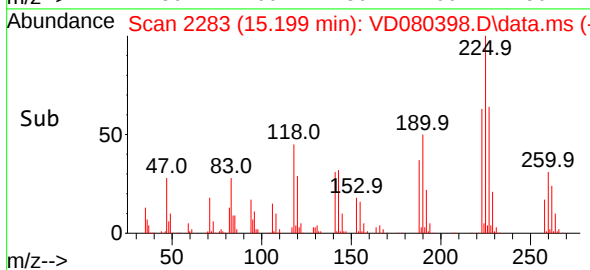
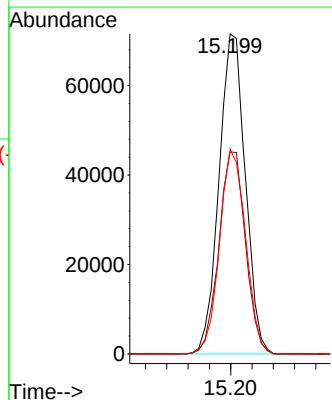
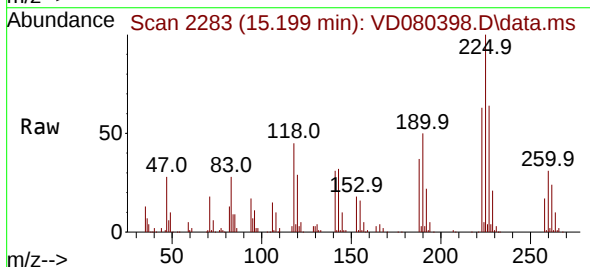
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

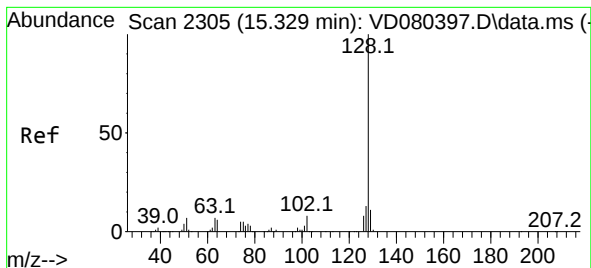
Tgt Ion:180 Resp: 246035
 Ion Ratio Lower Upper
 180 100
 182 94.7 46.9 140.7
 145 29.2 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 99.325 ug/l
 RT: 15.199 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: VD080398.D
 Acq: 30 May 2025 10:43

Tgt Ion:225 Resp: 122601
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.4 94.0
 227 63.5 31.6 95.0





#95

Naphthalene

Concen: 90.332 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. -0.000 min

Lab File: VD080398.D

Acq: 30 May 2025 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

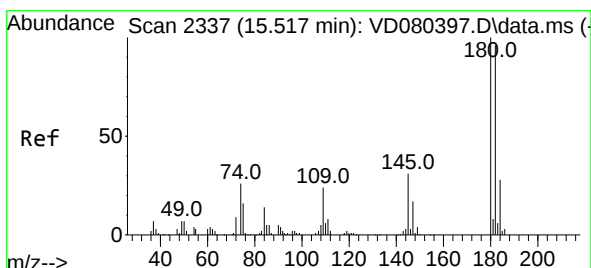
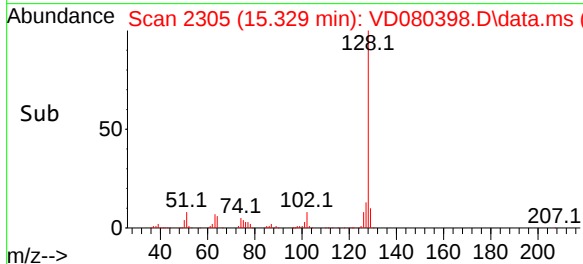
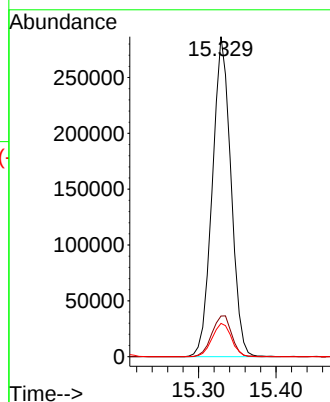
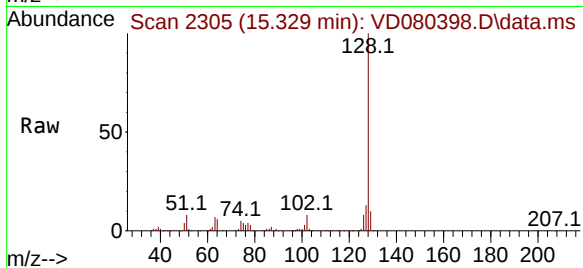
Tgt Ion:128 Resp: 478467

Ion Ratio Lower Upper

128 100

127 12.7 10.7 16.1

129 10.4 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 92.077 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD080398.D

Acq: 30 May 2025 10:43

Tgt Ion:180 Resp: 220848

Ion Ratio Lower Upper

180 100

182 95.9 47.0 141.2

145 31.8 15.4 46.4

