

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
 Data File : VD080013.D
 Acq On : 14 Nov 2024 18:56
 Operator : RP/MD
 Sample : VSTDICC020
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 15 05:55:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 05:52:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	197988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	310792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	289410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	158312	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	42292	20.838	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	41.680%#
35) Dibromofluoromethane	7.805	113	42661	20.532	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	41.060%#
50) Toluene-d8	10.269	98	158316	20.140	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	40.280%#
62) 4-Bromofluorobenzene	12.575	95	52082	19.753	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	39.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	30037	18.249	ug/l	97
3) Chloromethane	2.146	50	21292	17.611	ug/l	100
4) Vinyl Chloride	2.287	62	24432	17.240	ug/l	97
5) Bromomethane	2.681	94	31236	18.193	ug/l	98
6) Chloroethane	2.834	64	16810	17.483	ug/l	91
7) Trichlorofluoromethane	3.175	101	61842	18.228	ug/l	96
8) Diethyl Ether	3.599	74	16718	17.829	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.964	101	39444	18.420	ug/l	96
10) Methyl Iodide	4.164	142	30454	17.537	ug/l	100
11) Tert butyl alcohol	5.052	59	9736	93.174	ug/l	97
12) 1,1-Dichloroethene	3.946	96	37897	18.444	ug/l #	78
13) Acrolein	3.793	56	17095	89.396	ug/l	97
14) Allyl chloride	4.564	41	45743	16.420	ug/l	94
15) Acrylonitrile	5.258	53	36871	91.935	ug/l	97
16) Acetone	4.022	43	34437	71.386	ug/l	89
17) Carbon Disulfide	4.269	76	120227	17.759	ug/l	99
18) Methyl Acetate	4.575	43	15721	16.610	ug/l	96
19) Methyl tert-butyl Ether	5.328	73	75246	18.270	ug/l	94
20) Methylene Chloride	4.805	84	45590	18.033	ug/l	89
21) trans-1,2-Dichloroethene	5.316	96	42325	18.385	ug/l	98
22) Diisopropyl ether	6.210	45	116833	19.939	ug/l	95
23) Vinyl Acetate	6.158	43	321142	97.485	ug/l	98
24) 1,1-Dichloroethane	6.110	63	77768	19.756	ug/l	97
25) 2-Butanone	7.087	43	53471	87.872	ug/l	98
26) 2,2-Dichloropropane	7.075	77	65340	18.559	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	48278	18.256	ug/l	98
28) Bromochloromethane	7.428	49	34258	19.404	ug/l	96
29) Tetrahydrofuran	7.452	42	30397	95.655	ug/l	98
30) Chloroform	7.599	83	81408	18.637	ug/l	99
31) Cyclohexane	7.881	56	60562	18.180	ug/l #	91
32) 1,1,1-Trichloroethane	7.793	97	68689	18.839	ug/l	99
36) 1,1-Dichloropropene	8.010	75	55306	18.240	ug/l	98
37) Ethyl Acetate	7.169	43	23323	18.522	ug/l #	79
38) Carbon Tetrachloride	7.993	117	62170	18.672	ug/l	95
39) Methylcyclohexane	9.275	83	63363	17.918	ug/l	99
40) Benzene	8.252	78	174136	18.591	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	13402	19.170	ug/l	90
42) 1,2-Dichloroethane	8.328	62	47231	19.248	ug/l	98
43) Isopropyl Acetate	8.363	43	42249	18.464	ug/l	98
44) Trichloroethene	9.028	130	46010	19.047	ug/l	93
45) 1,2-Dichloropropane	9.304	63	42265	18.961	ug/l	95
46) Dibromomethane	9.393	93	25016	19.096	ug/l	98
47) Bromodichloromethane	9.587	83	61993	18.878	ug/l	98
48) Methyl methacrylate	9.381	41	18730	18.314	ug/l	92
49) 1,4-Dioxane	9.387	88	5199	416.536	ug/l	99
51) 4-Methyl-2-Pentanone	10.157	43	112478	97.541	ug/l	99
52) Toluene	10.334	92	108403	18.585	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	52881	18.573	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	64194	18.814	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	33594	19.206	ug/l	95
56) Ethyl methacrylate	10.598	69	36283	18.245	ug/l	98
57) 1,3-Dichloropropane	10.875	76	53909	19.064	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	64674	91.067	ug/l	98
59) 2-Hexanone	10.922	43	80833	91.344	ug/l	97
60) Dibromochloromethane	11.075	129	44014	19.000	ug/l	98
61) 1,2-Dibromoethane	11.181	107	31735	19.328	ug/l	98
64) Tetrachloroethene	10.810	164	39538	18.100	ug/l	93
65) Chlorobenzene	11.604	112	121125	18.268	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	43115	18.290	ug/l	96
67) Ethyl Benzene	11.681	91	200511	18.270	ug/l	100
68) m/p-Xylenes	11.793	106	161089	37.223	ug/l	99
69) o-Xylene	12.122	106	71286	18.138	ug/l	99
70) Styrene	12.134	104	130692	18.705	ug/l	99
71) Bromoform	12.298	173	25340	19.038	ug/l #	96
73) Isopropylbenzene	12.422	105	186183	17.902	ug/l	100
74) N-amyl acetate	12.234	43	41691	18.782	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	37992	18.894	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	46386	34.363	ug/l #	100
77) Bromobenzene	12.698	156	49984	18.253	ug/l	95
78) n-propylbenzene	12.763	91	235470	18.297	ug/l	100
79) 2-Chlorotoluene	12.845	91	138993	18.171	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	161145	18.319	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	13378	19.167	ug/l	98
82) 4-Chlorotoluene	12.945	91	150243	18.497	ug/l	99
83) tert-Butylbenzene	13.163	119	135502	17.852	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	165467	18.503	ug/l	99
85) sec-Butylbenzene	13.345	105	208556	18.343	ug/l	100
86) p-Isopropyltoluene	13.463	119	174095	18.048	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	103564	18.277	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	102782	18.017	ug/l	99
89) n-Butylbenzene	13.787	91	157177	17.528	ug/l	98
90) Hexachloroethane	14.051	117	37826	17.983	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	91029	18.377	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5547	18.068	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	52828	17.399	ug/l	98
94) Hexachlorobutadiene	15.204	225	30325	18.199	ug/l	97
95) Naphthalene	15.328	128	89192	17.447	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	47228	17.884	ug/l	98

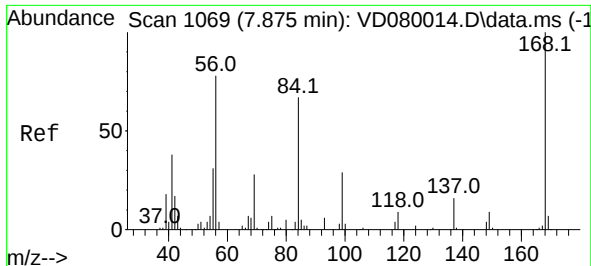
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
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Quant Title : SW846 8260
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Response via : Initial Calibration

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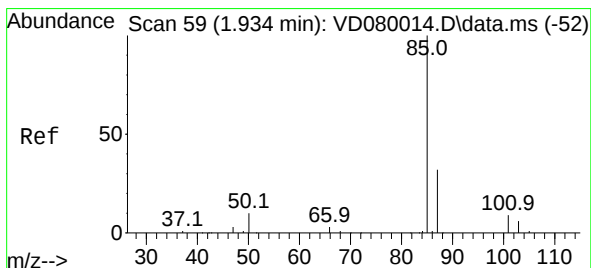
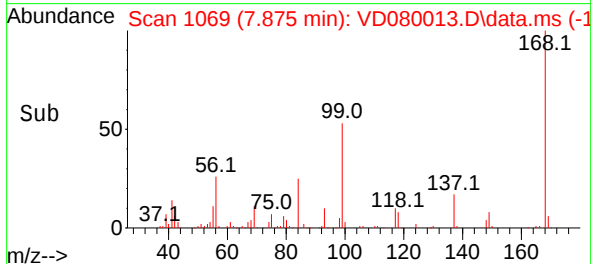
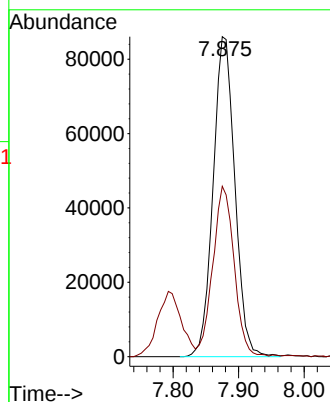
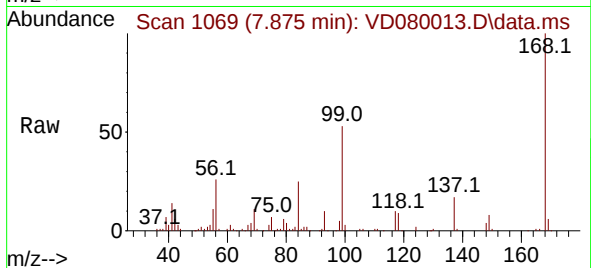
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

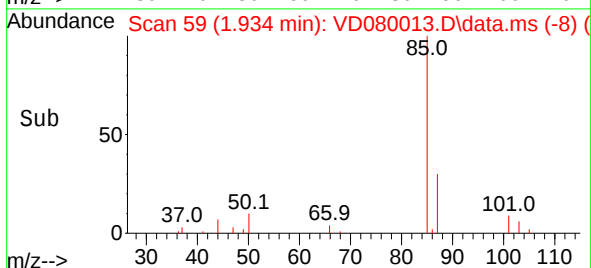
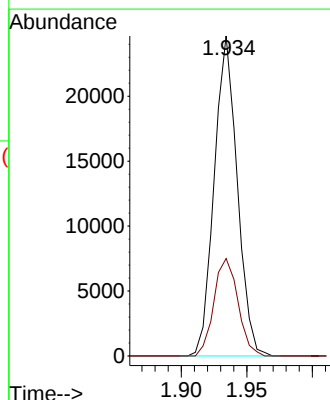
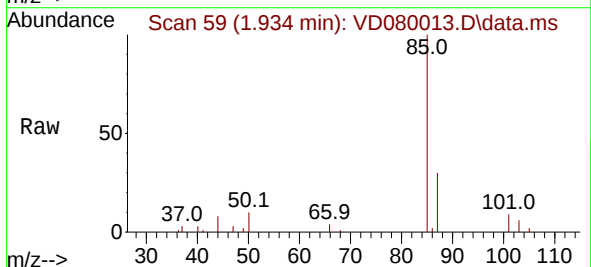
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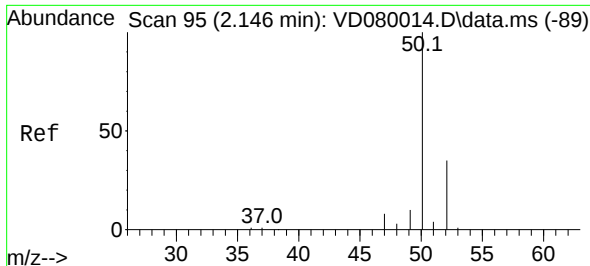
Tgt Ion:168 Resp: 197988
Ion Ratio Lower Upper
168 100
99 53.0 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 18.249 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

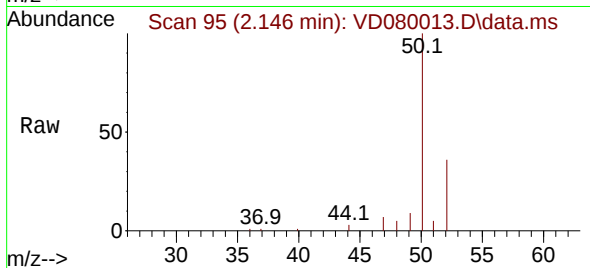
Tgt Ion: 85 Resp: 30037
Ion Ratio Lower Upper
85 100
87 30.4 16.1 48.2



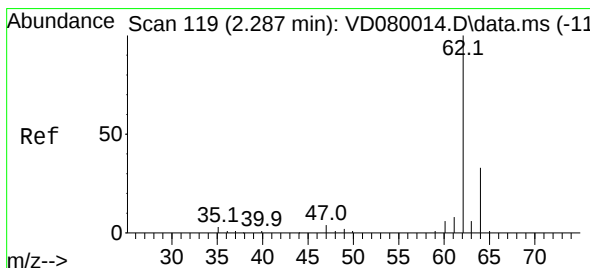
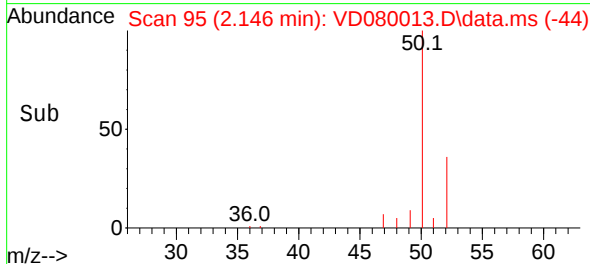
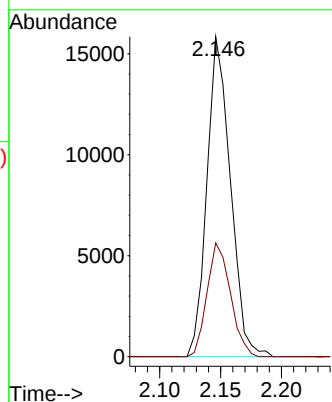


#3
Chloromethane
Concen: 17.611 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Instrument :
MSVOA_D
ClientSampleId :

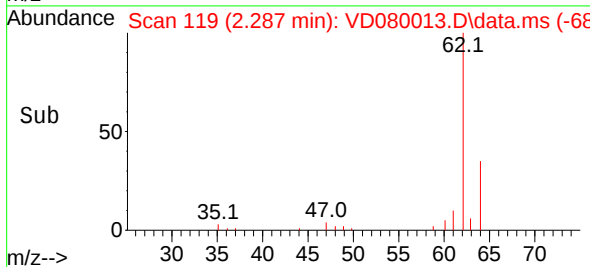
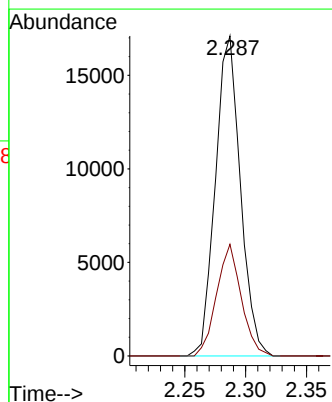
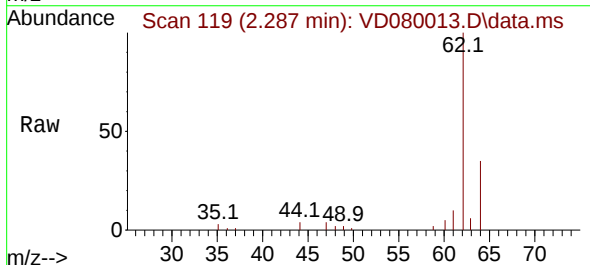


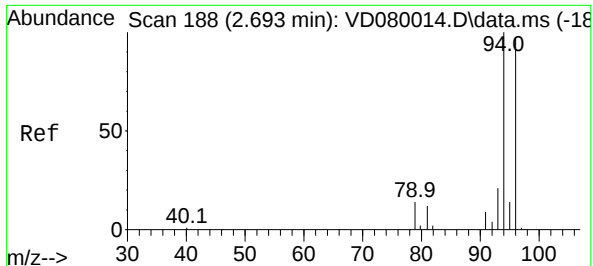
Tgt Ion: 50 Resp: 21292
Ion Ratio Lower Upper
50 100
52 35.6 28.2 42.4



#4
Vinyl Chloride
Concen: 17.240 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Tgt Ion: 62 Resp: 24432
Ion Ratio Lower Upper
62 100
64 34.9 26.7 40.1

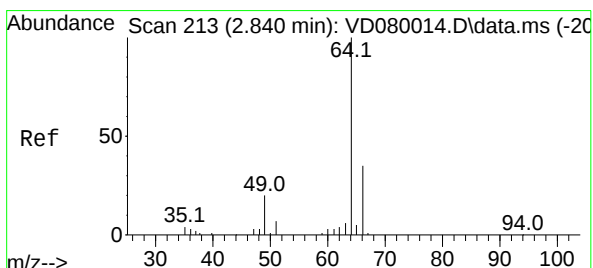
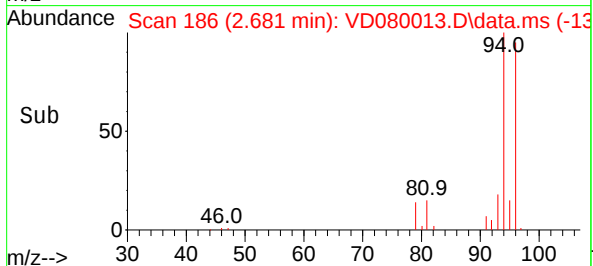
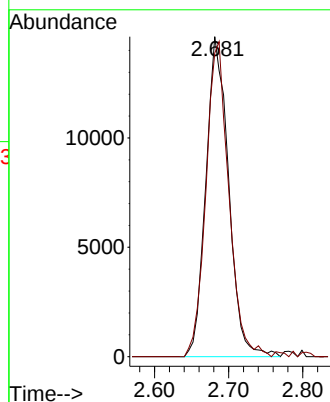
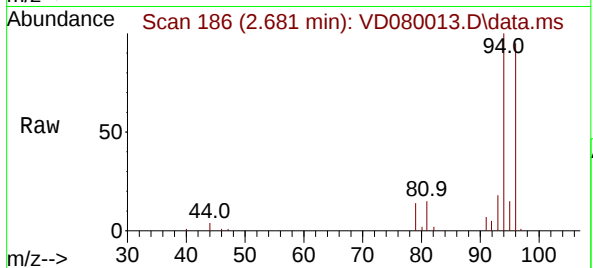




#5
Bromomethane
Concen: 18.193 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

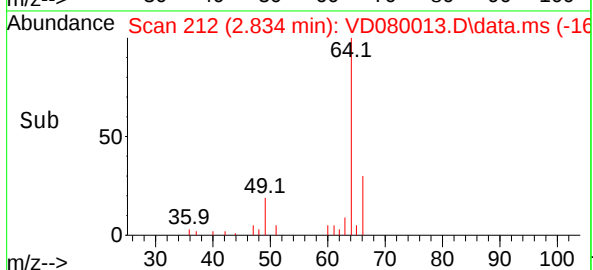
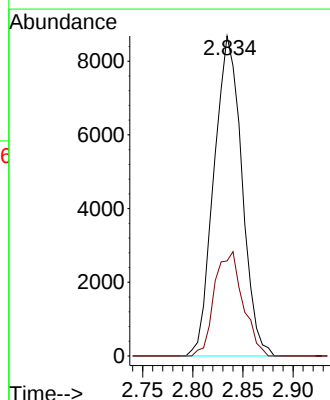
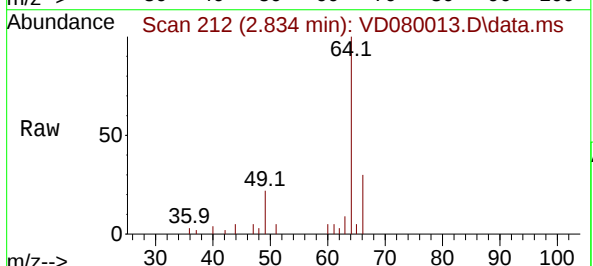
Instrument :
MSVOA_D
ClientSampleId :

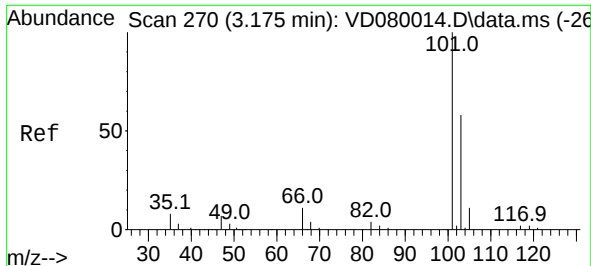
Tgt Ion: 94 Resp: 31236
Ion Ratio Lower Upper
94 100
96 98.7 77.0 115.6



#6
Chloroethane
Concen: 17.483 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Tgt Ion: 64 Resp: 16810
Ion Ratio Lower Upper
64 100
66 29.7 27.8 41.6

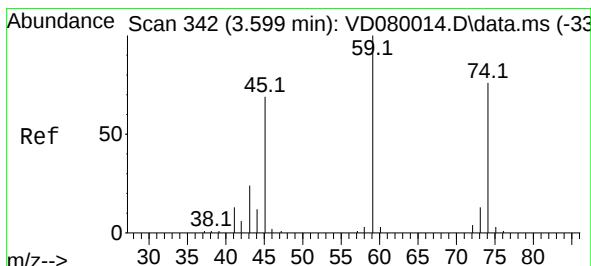
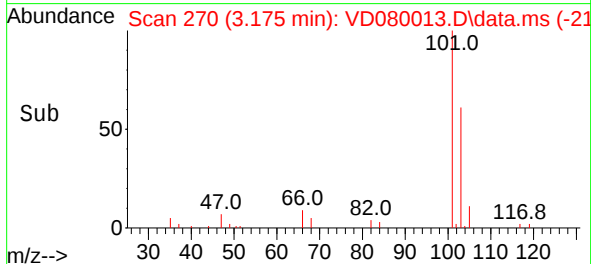
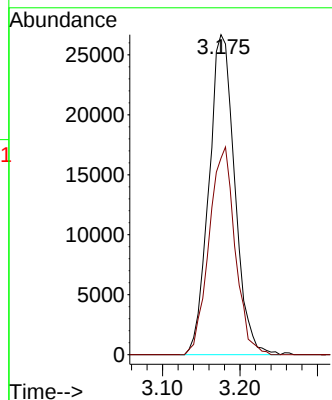
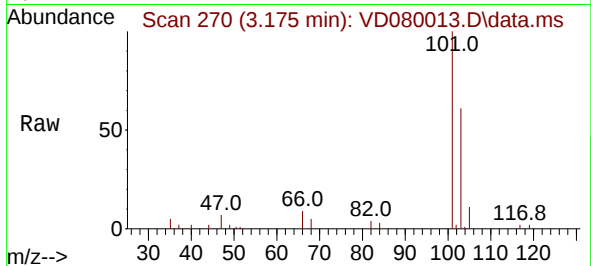




#7
Trichlorofluoromethane
Concen: 18.228 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

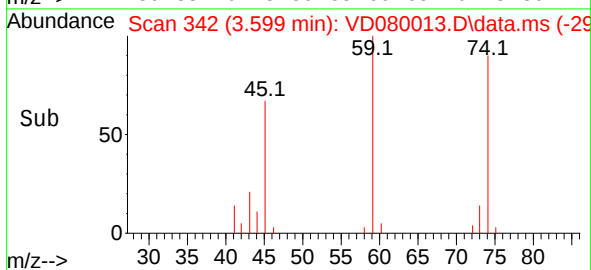
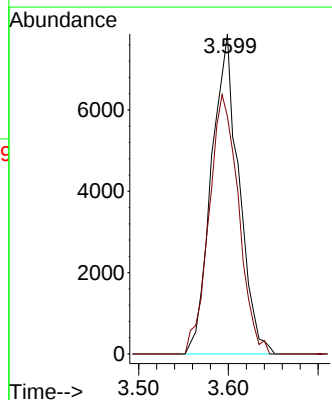
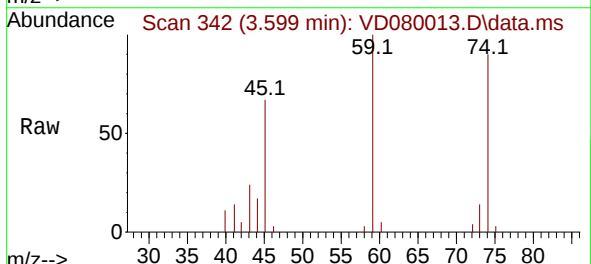
Instrument :
MSVOA_D
ClientSampleId :

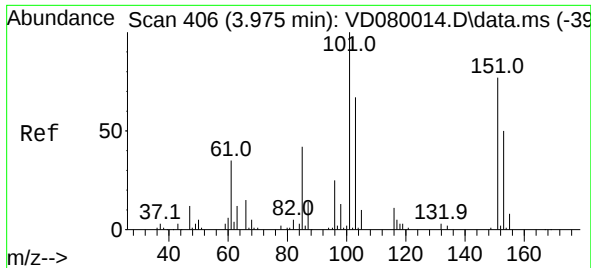
Tgt Ion:101 Resp: 61842
Ion Ratio Lower Upper
101 100
103 61.4 46.5 69.7



#8
Diethyl Ether
Concen: 17.829 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Tgt Ion: 74 Resp: 16718
Ion Ratio Lower Upper
74 100
45 86.9 45.7 137.1

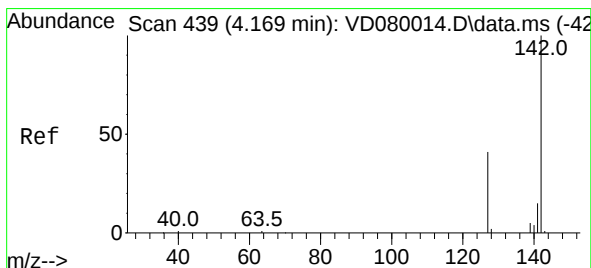
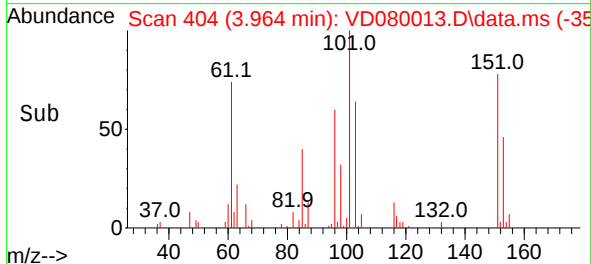
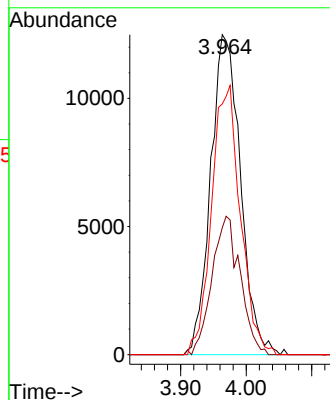
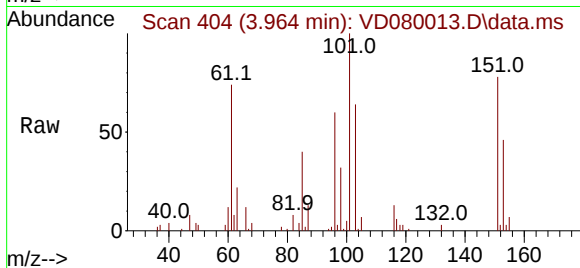




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.420 ug/l
RT: 3.964 min Scan# 406
Delta R.T. -0.012 min
Lab File: VD080013.D
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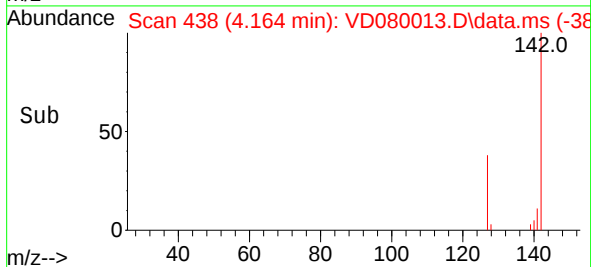
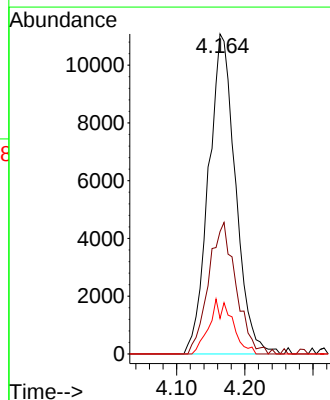
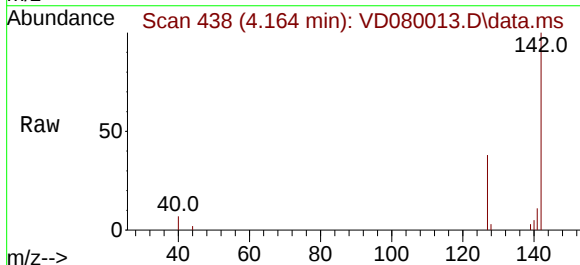
Instrument :
MSVOA_D
ClientSampleId :

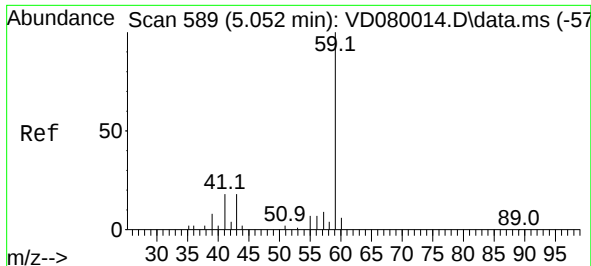
Tgt Ion:101 Resp: 39444
Ion Ratio Lower Upper
101 100
85 41.0 34.5 51.7
151 81.0 61.8 92.6



#10
Methyl Iodide
Concen: 17.537 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Tgt Ion:142 Resp: 30454
Ion Ratio Lower Upper
142 100
127 42.1 33.7 50.5
141 14.6 12.0 18.0





#11

Tert butyl alcohol

Concen: 93.174 ug/l

RT: 5.052 min Scan# 51

Delta R.T. -0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Instrument :

MSVOA_D

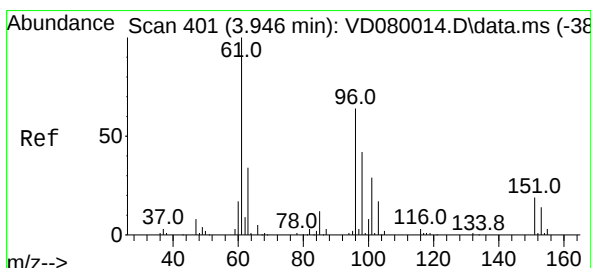
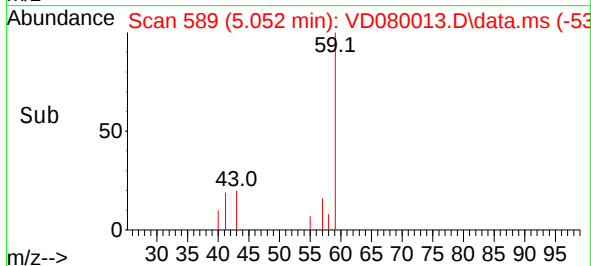
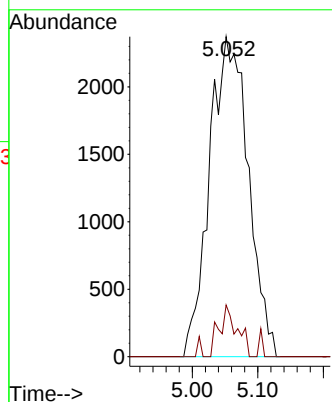
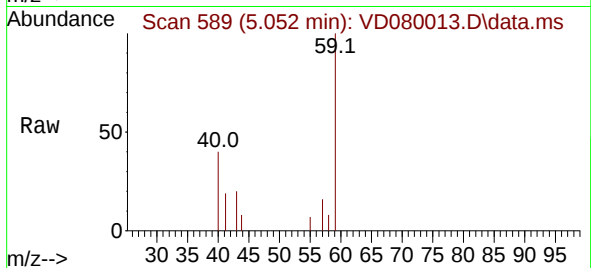
ClientSampleId :

Tgt Ion: 59 Resp: 9736

Ion Ratio Lower Upper

59 100

57 7.5 5.0 7.6



#12

1,1-Dichloroethene

Concen: 18.444 ug/l

RT: 3.946 min Scan# 401

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

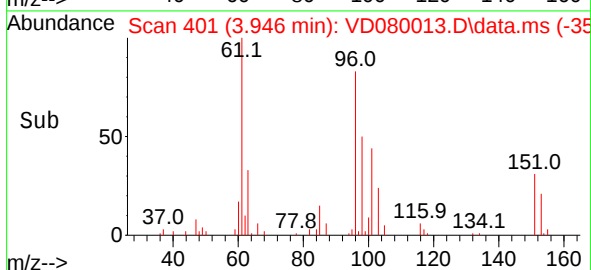
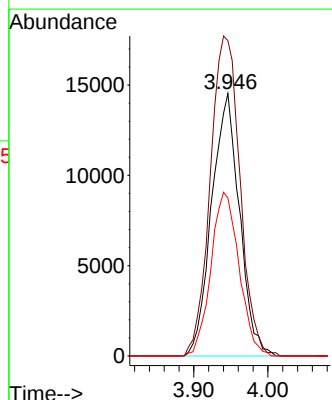
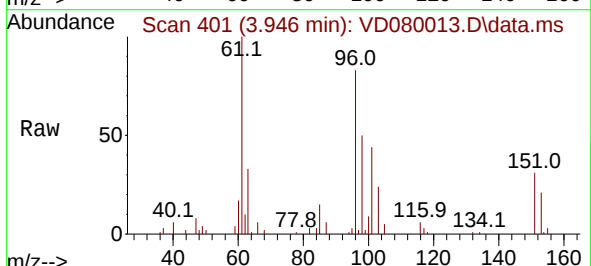
Tgt Ion: 96 Resp: 37897

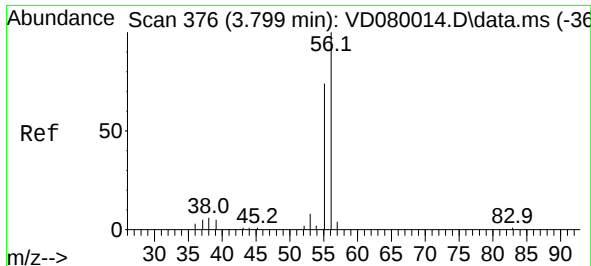
Ion Ratio Lower Upper

96 100

61 120.2 125.5 188.3#

98 60.2 53.3 79.9





#13

Acrolein

Concen: 89.396 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Instrument :

MSVOA_D

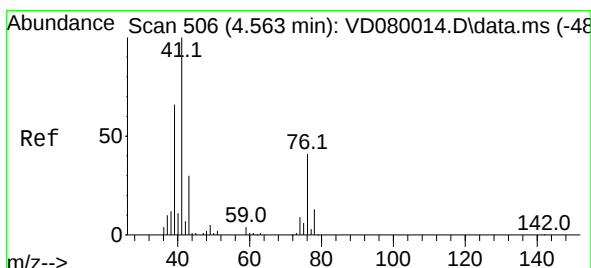
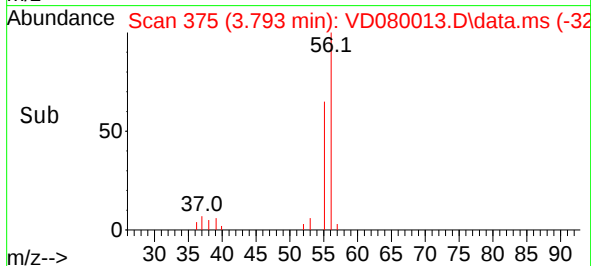
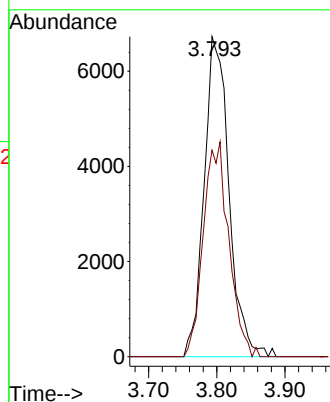
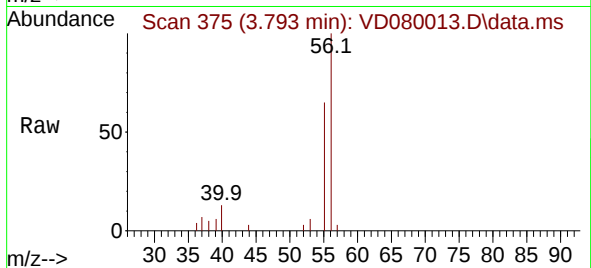
ClientSampleId :

Tgt Ion: 56 Resp: 17095

Ion Ratio Lower Upper

56 100

55 68.6 57.0 85.4



#14

Allyl chloride

Concen: 16.420 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

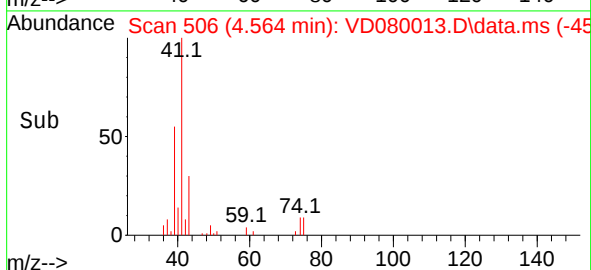
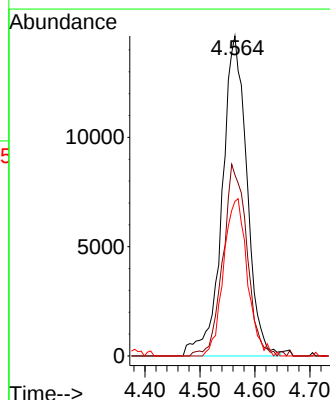
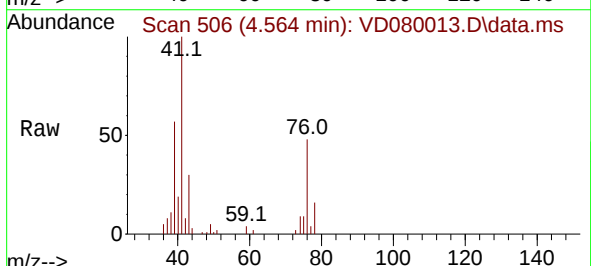
Tgt Ion: 41 Resp: 45743

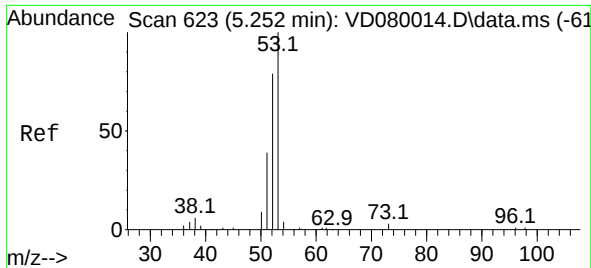
Ion Ratio Lower Upper

41 100

39 57.8 49.8 74.8

76 47.3 34.1 51.1





#15

Acrylonitrile

Concen: 91.935 ug/l

RT: 5.258 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Instrument :

MSVOA_D

ClientSampleId :

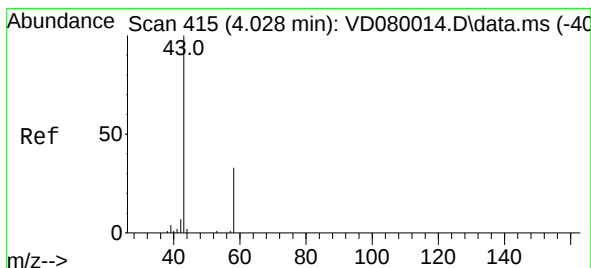
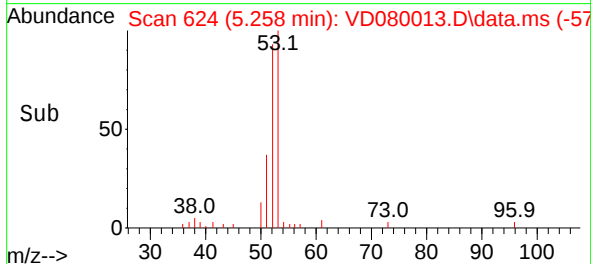
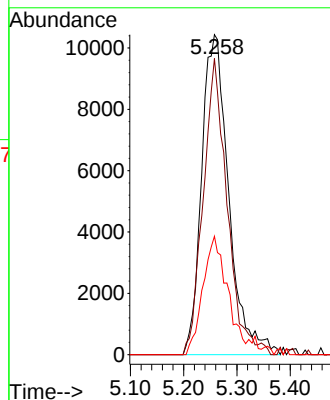
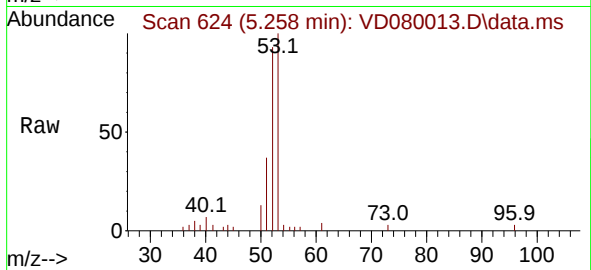
Tgt Ion: 53 Resp: 36871

Ion Ratio Lower Upper

53 100

52 81.8 67.0 100.4

51 33.5 29.7 44.5



#16

Acetone

Concen: 71.386 ug/l

RT: 4.022 min Scan# 414

Delta R.T. -0.006 min

Lab File: VD080013.D

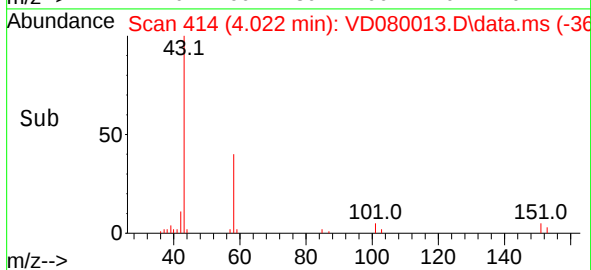
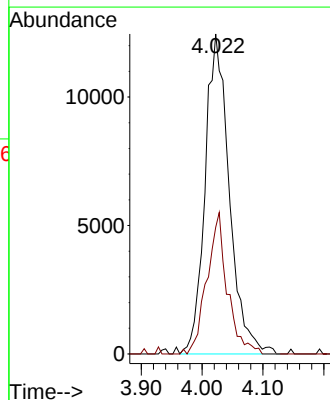
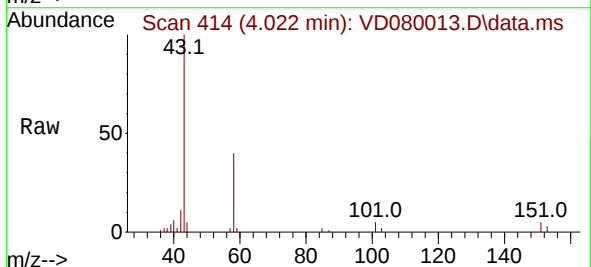
Acq: 14 Nov 2024 18:56

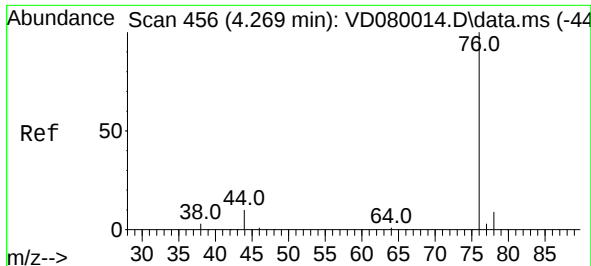
Tgt Ion: 43 Resp: 34437

Ion Ratio Lower Upper

43 100

58 39.6 26.9 40.3





#17

Carbon Disulfide

Concen: 17.759 ug/l

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Instrument :

MSVOA_D

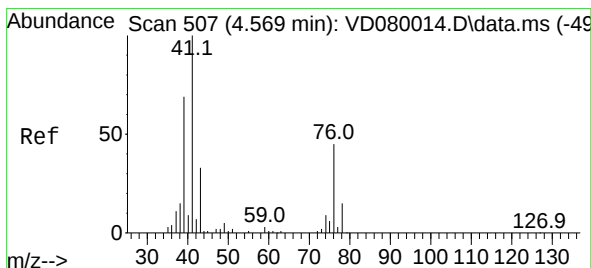
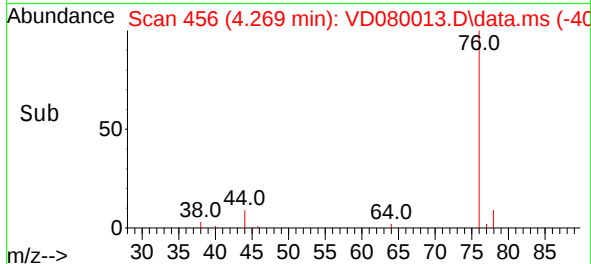
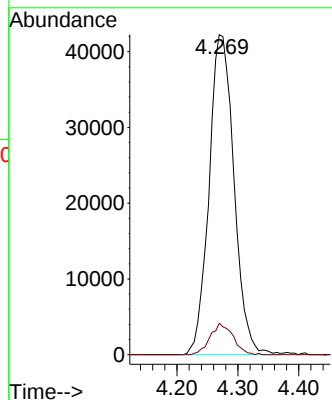
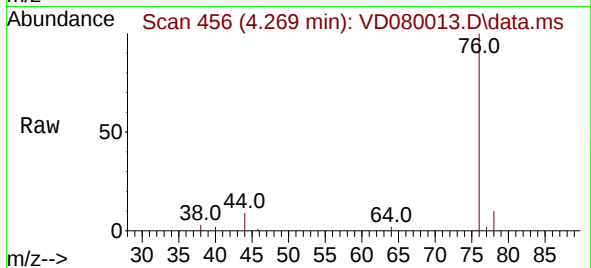
ClientSampleId :

Tgt Ion: 76 Resp: 120227

Ion Ratio Lower Upper

76 100

78 9.8 7.5 11.3



#18

Methyl Acetate

Concen: 16.610 ug/l

RT: 4.575 min Scan# 508

Delta R.T. 0.006 min

Lab File: VD080013.D

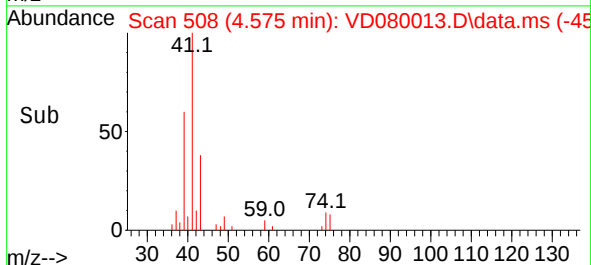
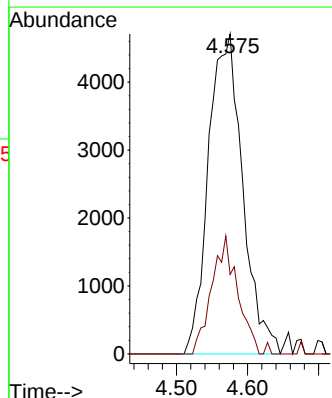
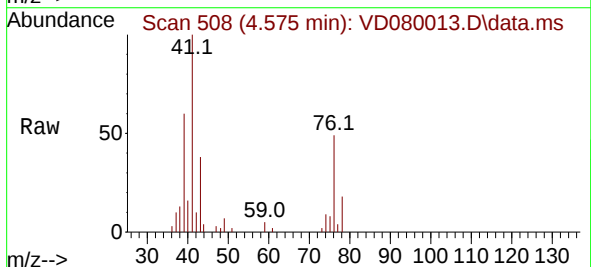
Acq: 14 Nov 2024 18:56

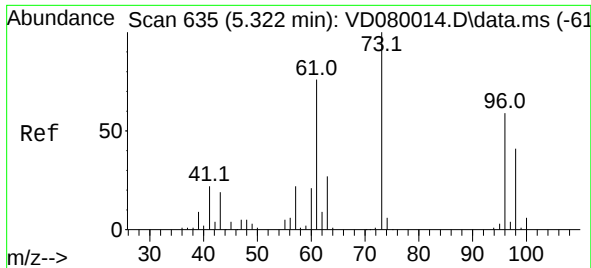
Tgt Ion: 43 Resp: 15721

Ion Ratio Lower Upper

43 100

74 27.8 20.8 31.2

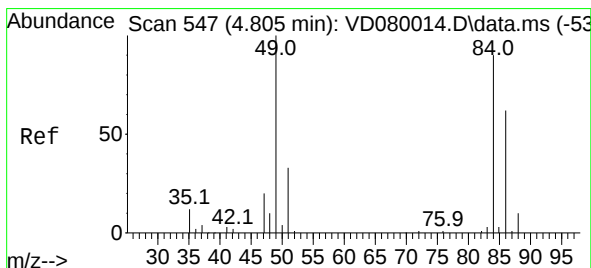
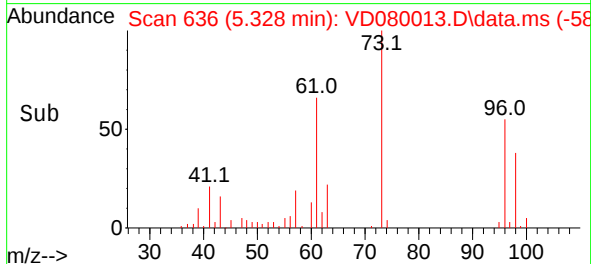
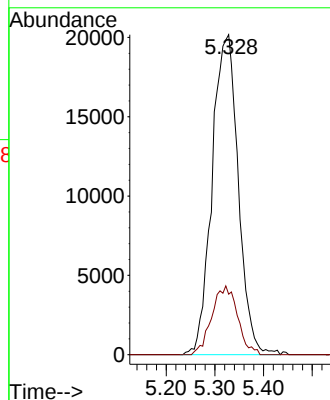
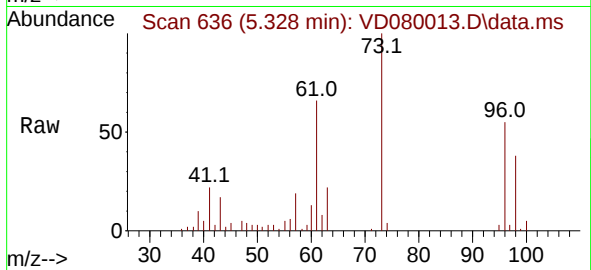




#19
Methyl tert-butyl Ether
Concen: 18.270 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

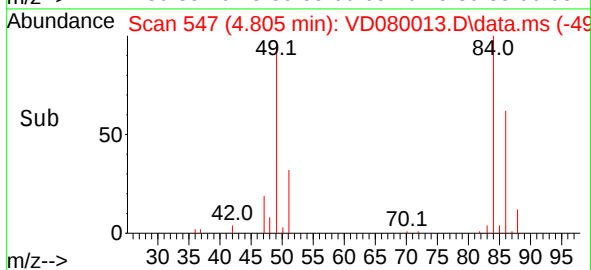
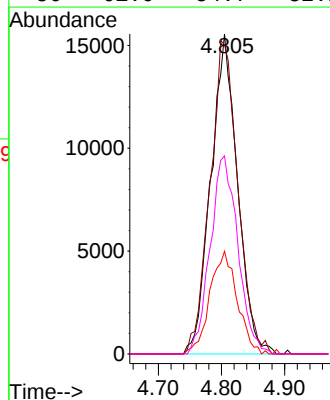
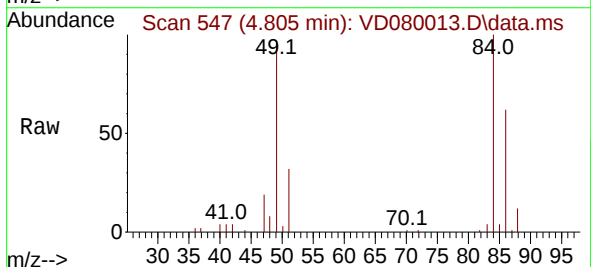
Instrument :
MSVOA_D
ClientSampleId :

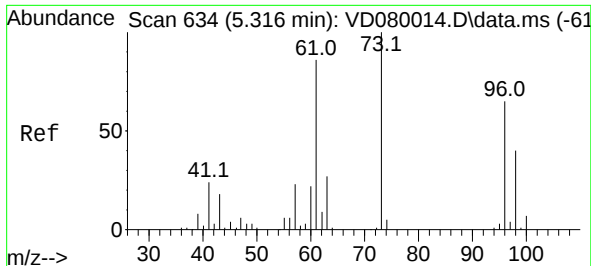
Tgt Ion: 73 Resp: 75246
Ion Ratio Lower Upper
73 100
57 18.9 17.3 25.9



#20
Methylene Chloride
Concen: 18.033 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Tgt Ion: 84 Resp: 45590
Ion Ratio Lower Upper
84 100
49 96.6 88.7 133.1
51 32.1 29.3 43.9
86 61.9 54.7 82.1

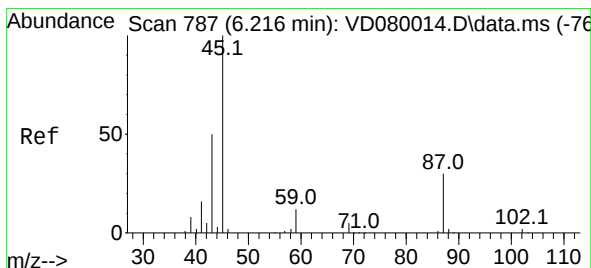
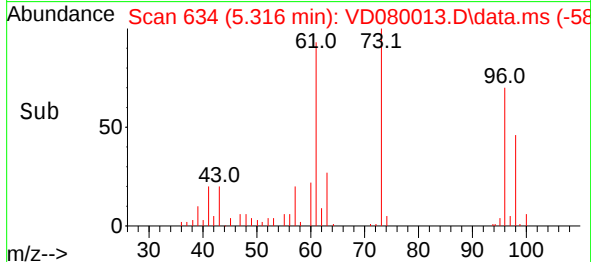
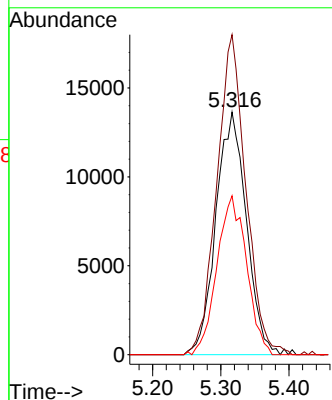
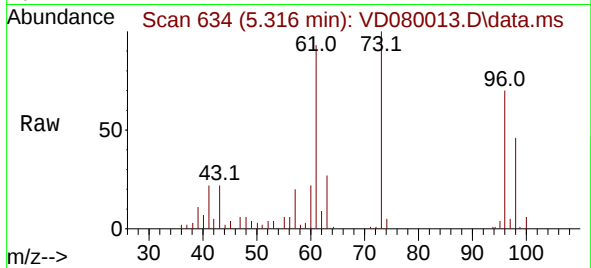




#21
trans-1,2-Dichloroethene
Concen: 18.385 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

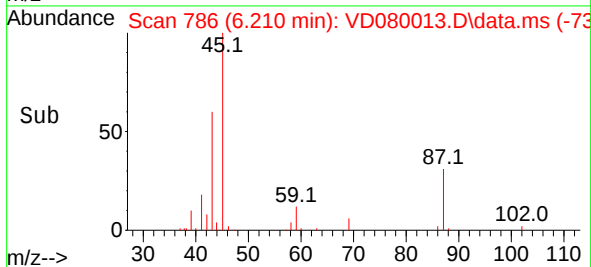
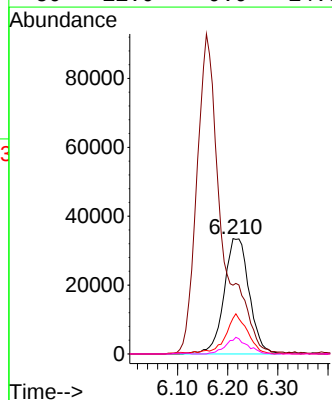
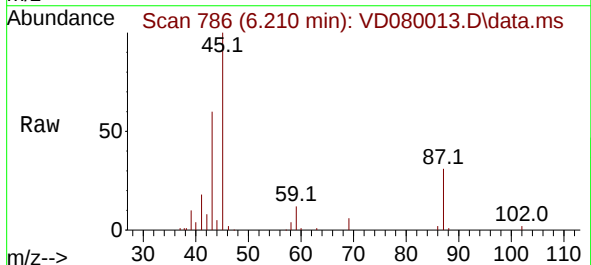
Instrument :
MSVOA_D
ClientSampleId :

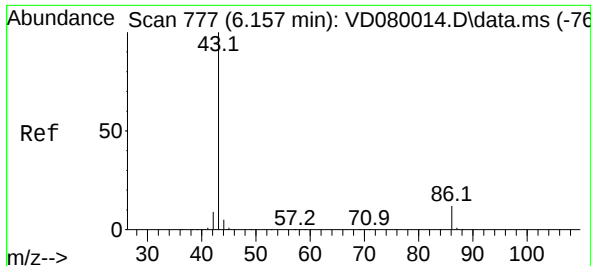
Tgt Ion: 96 Resp: 42325
Ion Ratio Lower Upper
96 100
61 131.9 106.2 159.4
98 65.5 49.1 73.7



#22
Diisopropyl ether
Concen: 19.939 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Tgt Ion: 45 Resp: 116833
Ion Ratio Lower Upper
45 100
43 57.9 41.7 62.5
87 30.1 24.3 36.5
59 11.9 9.9 14.9





#23

Vinyl Acetate

Concen: 97.485 ug/l

RT: 6.158 min Scan# 71

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Instrument :

MSVOA_D

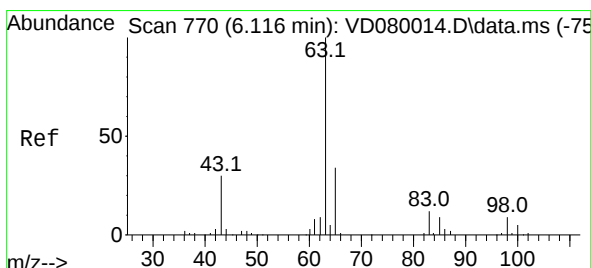
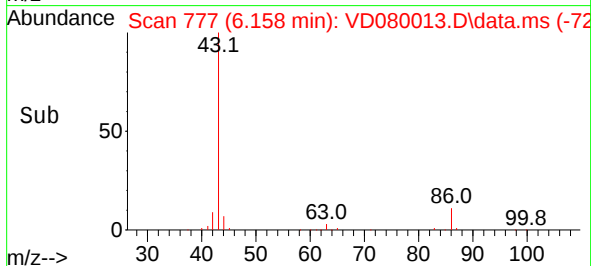
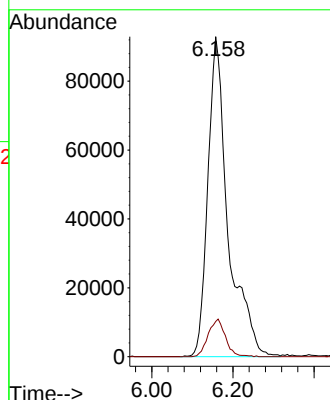
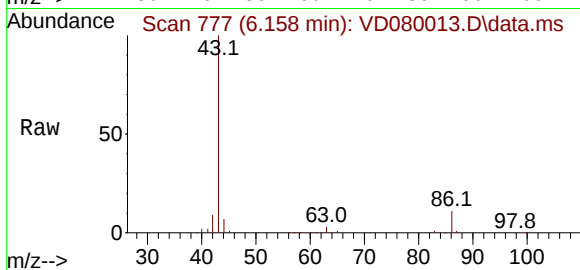
ClientSampleId :

Tgt Ion: 43 Resp: 321142

Ion Ratio Lower Upper

43 100

86 11.0 9.5 14.3



#24

1,1-Dichloroethane

Concen: 19.756 ug/l

RT: 6.110 min Scan# 769

Delta R.T. -0.006 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

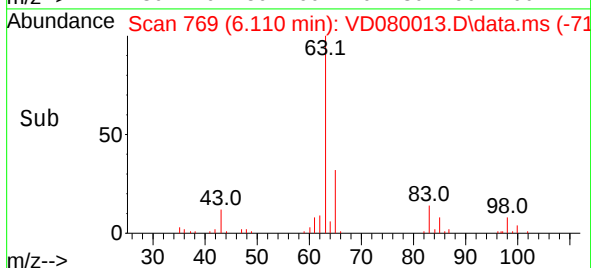
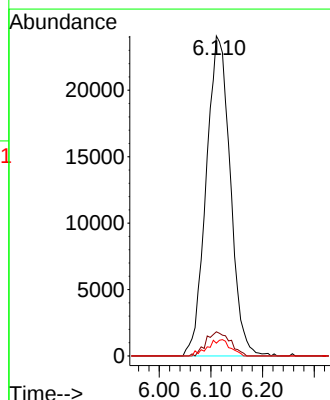
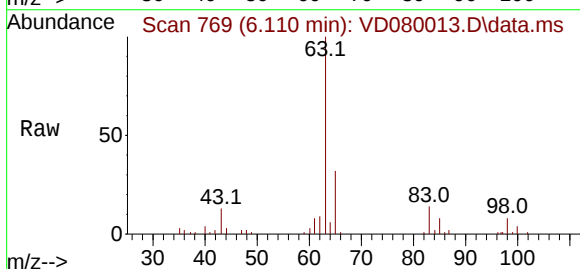
Tgt Ion: 63 Resp: 77768

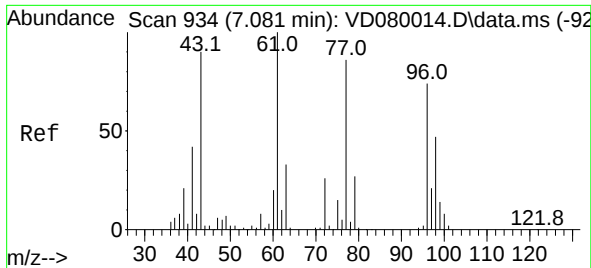
Ion Ratio Lower Upper

63 100

98 7.6 4.4 13.2

100 4.0 2.4 7.2

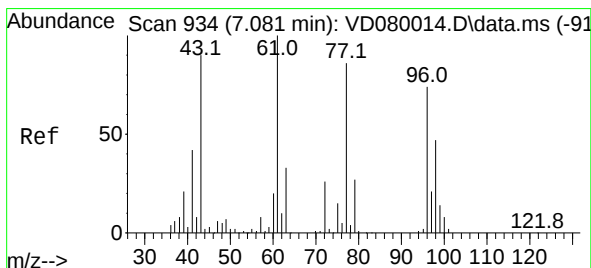
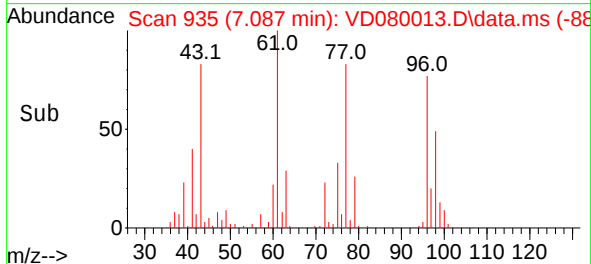
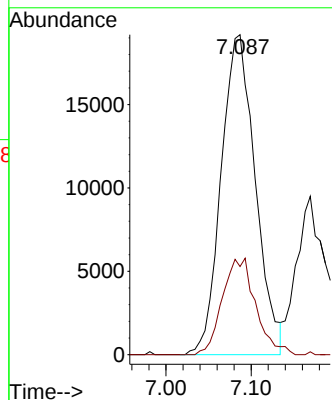
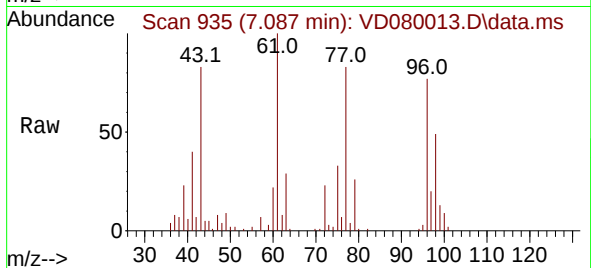




#25
2-Butanone
Concen: 87.872 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

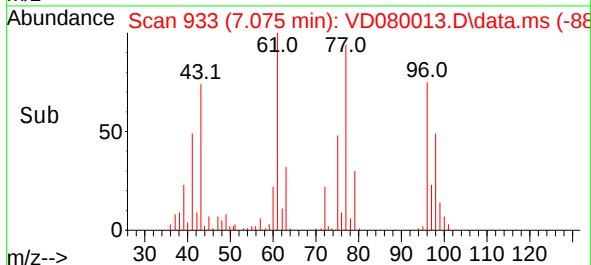
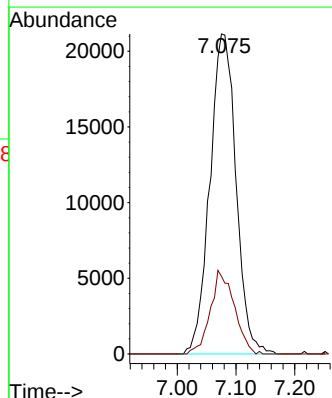
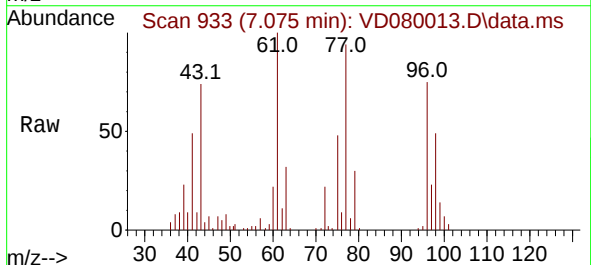
Instrument :
MSVOA_D
ClientSampleId :

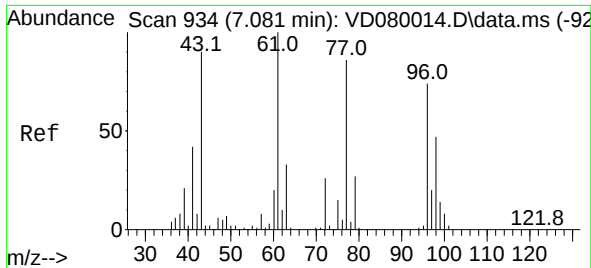
Tgt Ion: 43 Resp: 53471
Ion Ratio Lower Upper
43 100
72 27.6 23.0 34.4



#26
2,2-Dichloropropane
Concen: 18.559 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Tgt Ion: 77 Resp: 65340
Ion Ratio Lower Upper
77 100
97 23.9 11.9 35.7

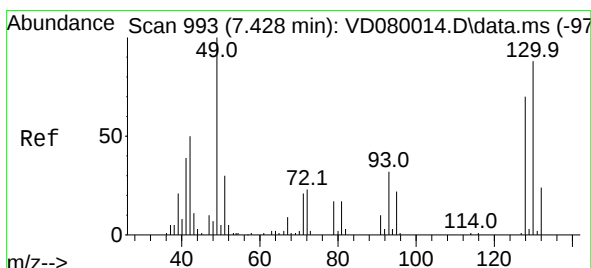
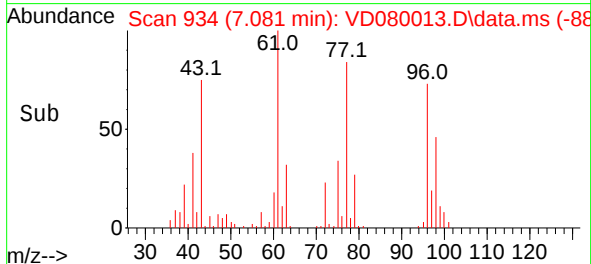
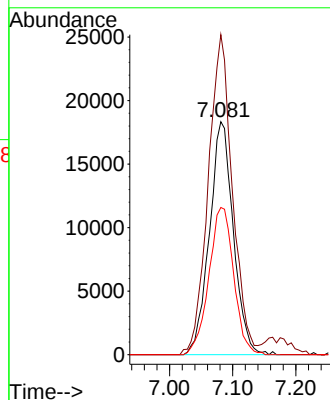
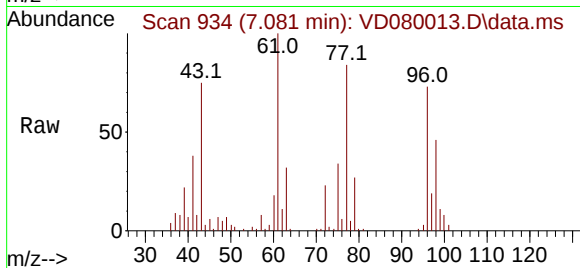




#27
 cis-1,2-Dichloroethene
 Concen: 18.256 ug/l
 RT: 7.081 min Scan# 913
 Delta R.T. 0.000 min
 Lab File: VD080013.D
 Acq: 14 Nov 2024 18:56

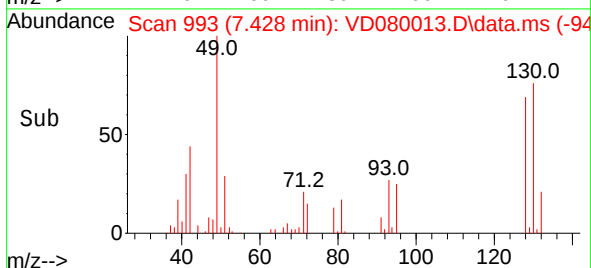
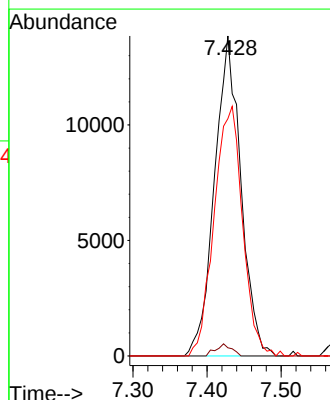
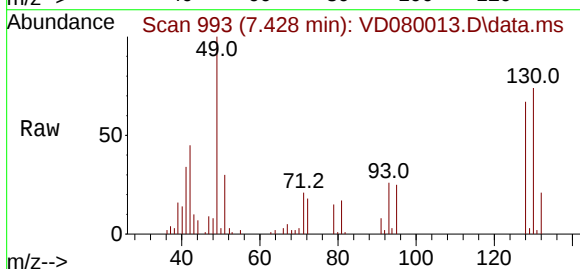
Instrument :
 MSVOA_D
 ClientSampleId :

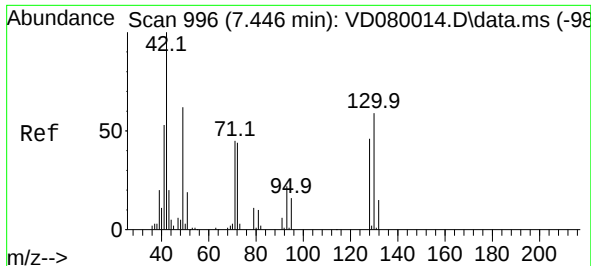
Tgt Ion: 96	Resp: 48278
Ion Ratio	Lower Upper
96 100	
61 138.6	0.0 272.4
98 65.5	0.0 129.6



#28
 Bromochloromethane
 Concen: 19.404 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD080013.D
 Acq: 14 Nov 2024 18:56

Tgt Ion: 49	Resp: 34258
Ion Ratio	Lower Upper
49 100	
129 2.3	0.0 5.6
130 84.2	70.6 105.8





#29

Tetrahydrofuran

Concen: 95.655 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Instrument :

MSVOA_D

ClientSampleId :

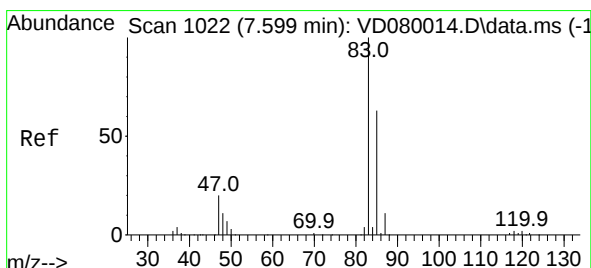
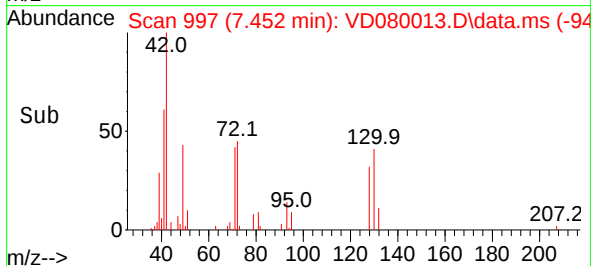
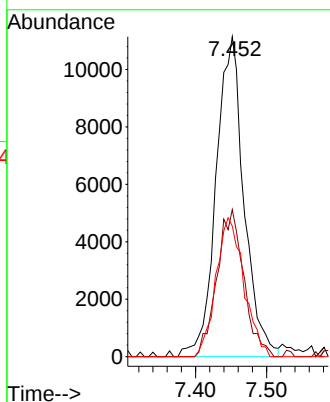
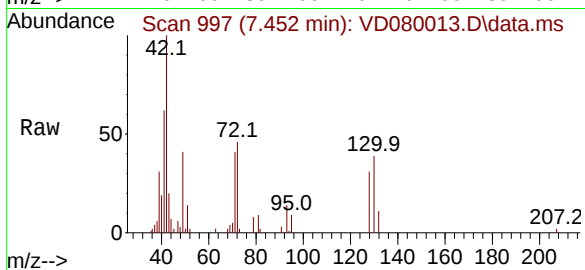
Tgt Ion: 42 Resp: 30397

Ion Ratio Lower Upper

42 100

72 44.2 37.0 55.6

71 43.3 34.7 52.1



#30

Chloroform

Concen: 18.637 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD080013.D

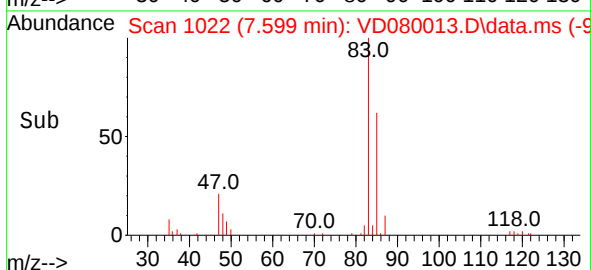
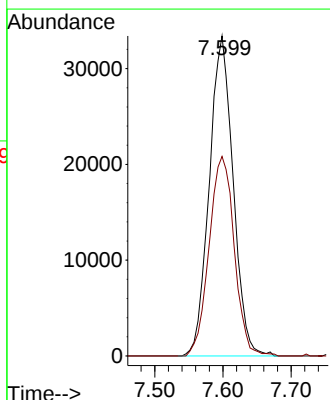
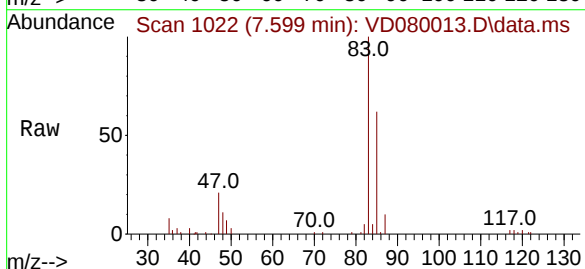
Acq: 14 Nov 2024 18:56

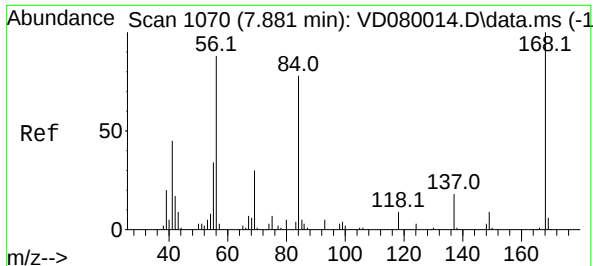
Tgt Ion: 83 Resp: 81408

Ion Ratio Lower Upper

83 100

85 62.4 50.6 75.8





#31

Cyclohexane

Concen: 18.180 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Instrument :

MSVOA_D

ClientSampleId :

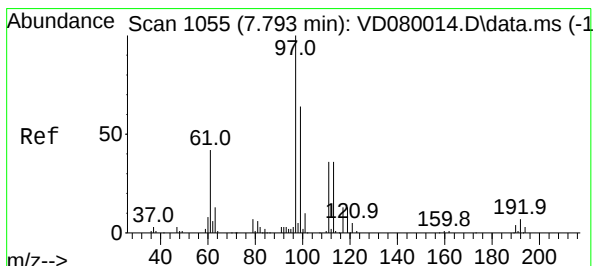
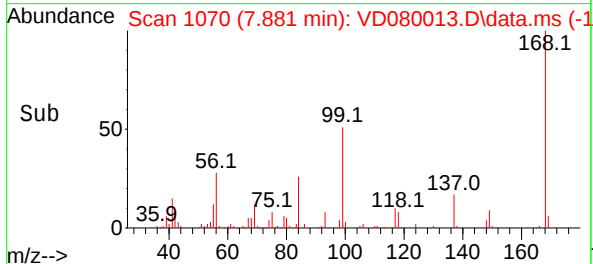
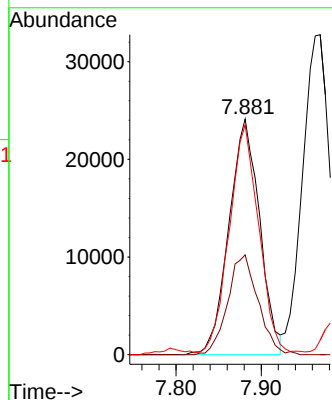
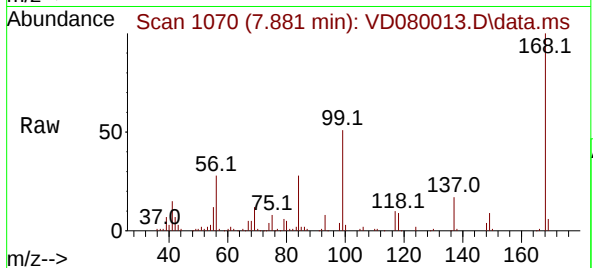
Tgt Ion: 56 Resp: 60562

Ion Ratio Lower Upper

56 100

69 41.6 27.4 41.0#

84 95.7 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 18.839 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

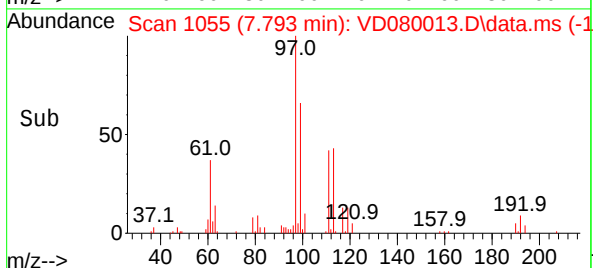
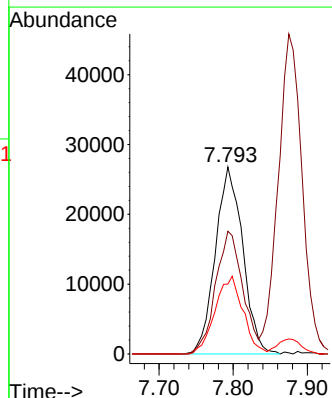
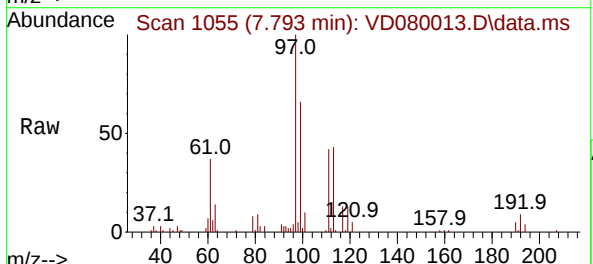
Tgt Ion: 97 Resp: 68689

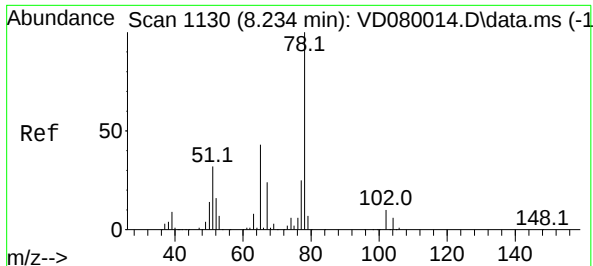
Ion Ratio Lower Upper

97 100

99 65.0 51.2 76.8

61 42.3 33.0 49.6

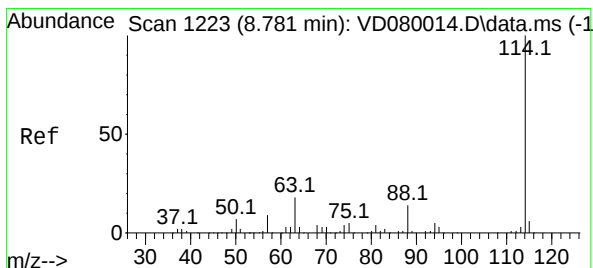
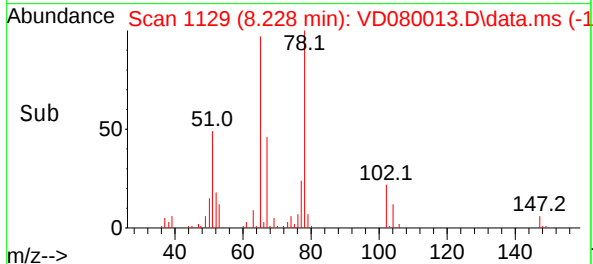
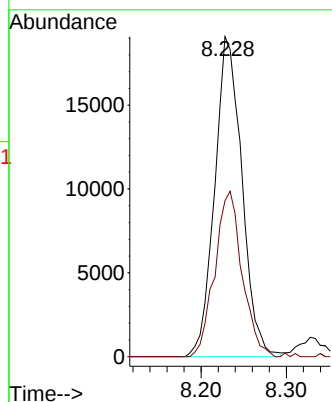
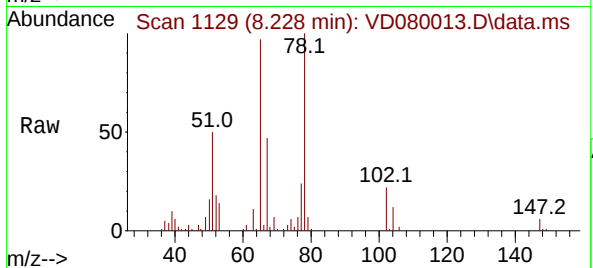




#33
1,2-Dichloroethane-d4
Concen: 20.838 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

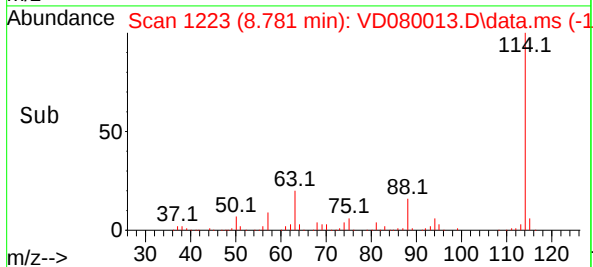
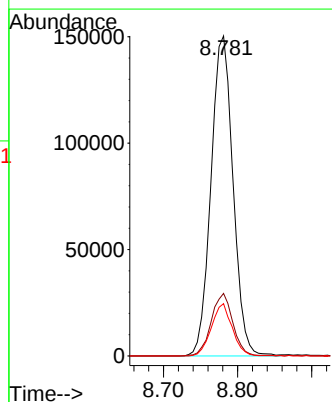
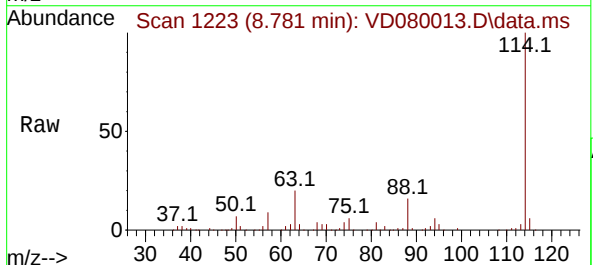
Instrument :
MSVOA_D
ClientSampleId :

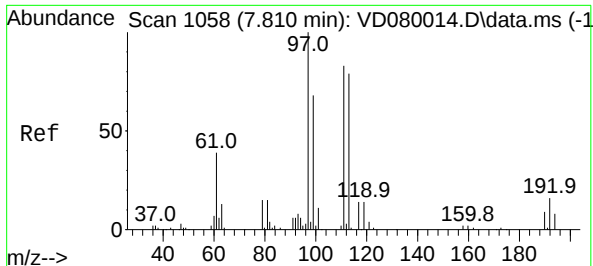
Tgt Ion: 65 Resp: 42292
Ion Ratio Lower Upper
65 100
67 52.0 0.0 112.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Tgt Ion: 114 Resp: 310792
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.2
88 16.3 0.0 28.6





#35

Dibromofluoromethane

Concen: 20.532 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Instrument :

MSVOA_D

ClientSampleId :

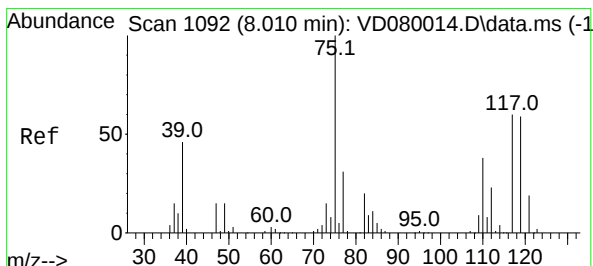
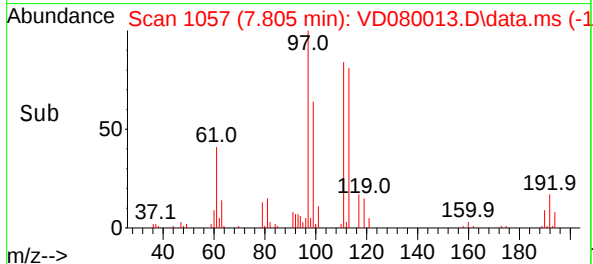
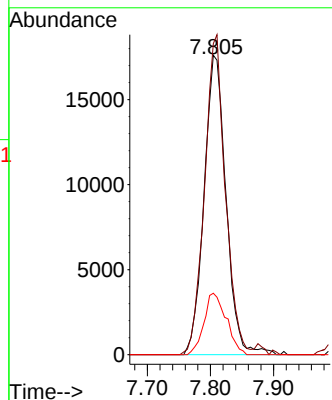
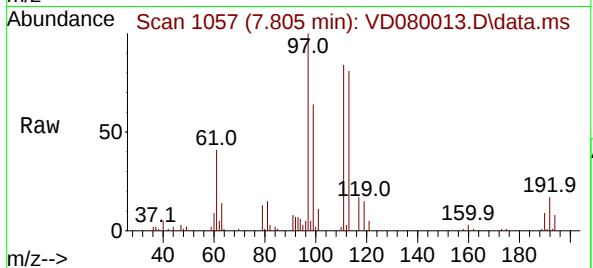
Tgt Ion:113 Resp: 42661

Ion Ratio Lower Upper

113 100

111 100.9 81.8 122.6

192 20.8 16.8 25.2



#36

1,1-Dichloropropene

Concen: 18.240 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

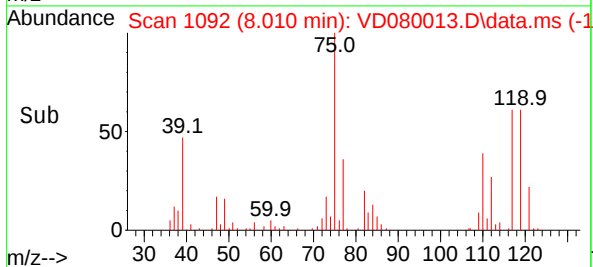
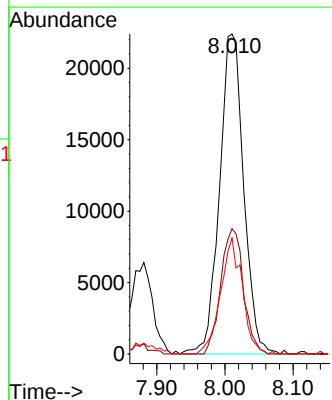
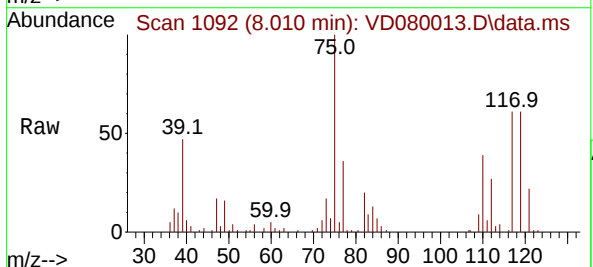
Tgt Ion: 75 Resp: 55306

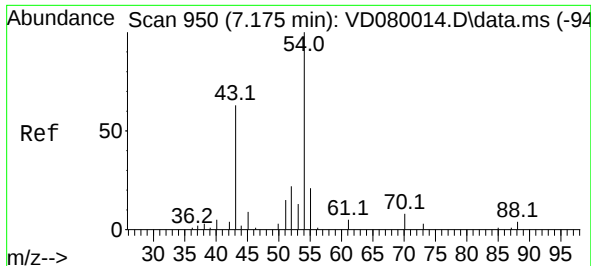
Ion Ratio Lower Upper

75 100

110 36.7 18.4 55.0

77 32.6 24.5 36.7





#37

Ethyl Acetate

Concen: 18.522 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

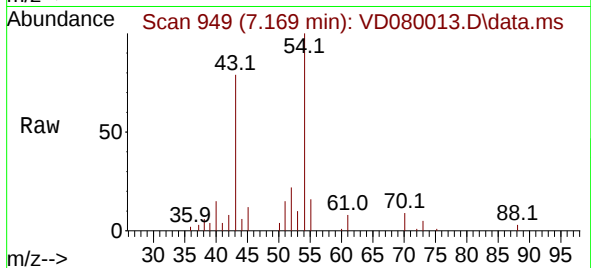
Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Instrument :

MSVOA_D

ClientSampleId :



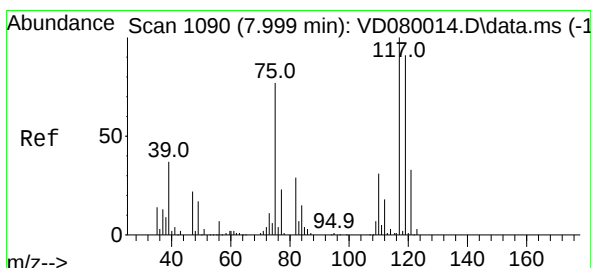
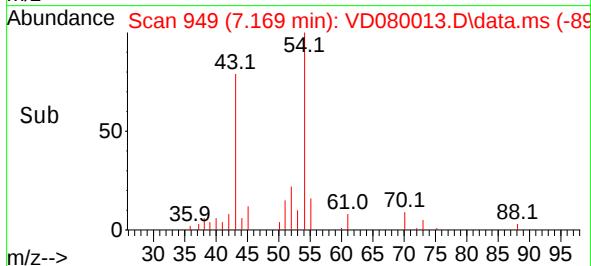
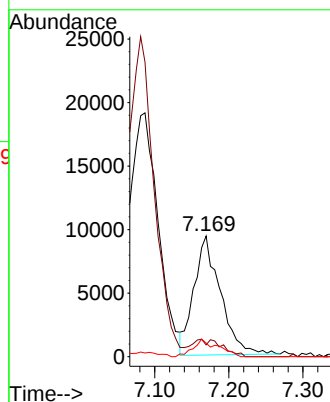
Tgt Ion: 43 Resp: 23323

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.0#

70 13.6 9.6 14.4



#38

Carbon Tetrachloride

Concen: 18.672 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

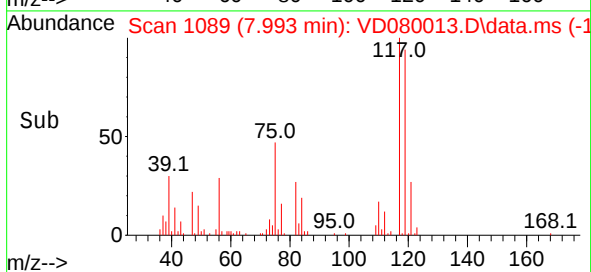
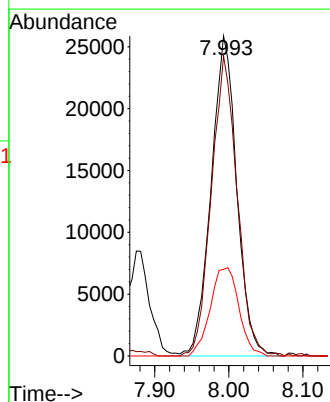
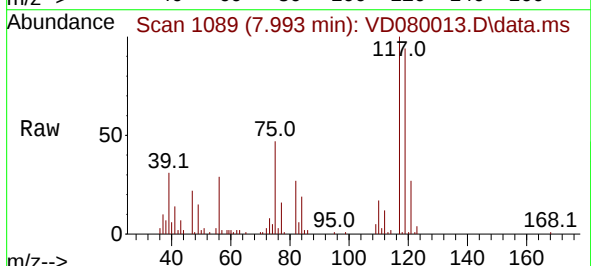
Tgt Ion: 117 Resp: 62170

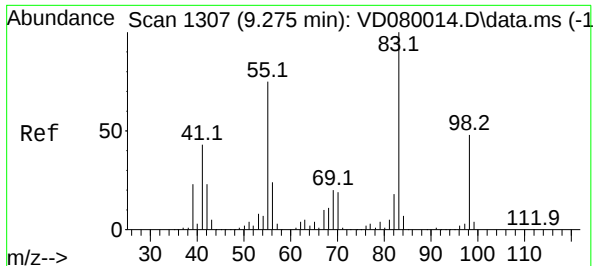
Ion Ratio Lower Upper

117 100

119 93.8 72.6 109.0

121 27.1 26.2 39.4





#39

Methylcyclohexane

Concen: 17.918 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Instrument :

MSVOA_D

ClientSampleId :

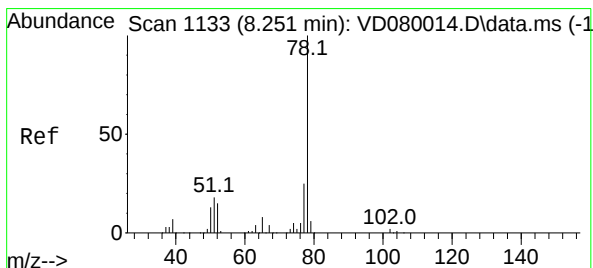
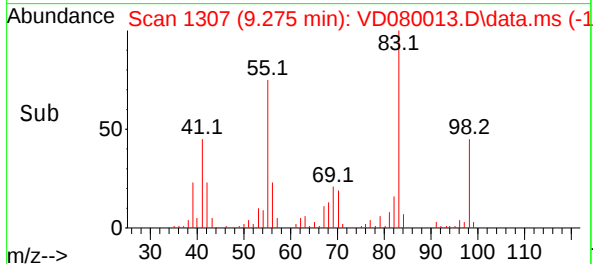
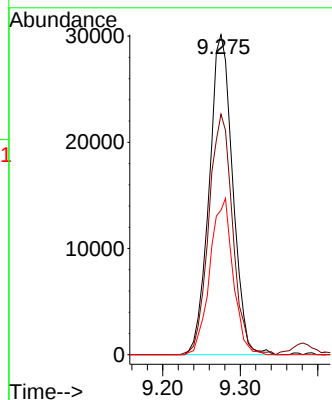
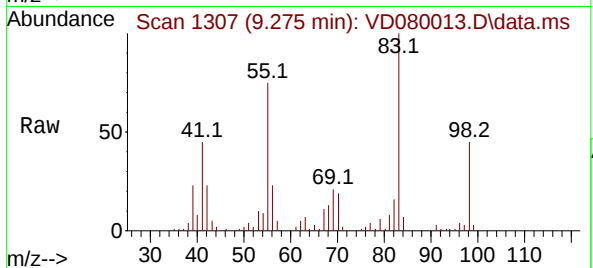
Tgt Ion: 83 Resp: 63363

Ion Ratio Lower Upper

83 100

55 75.2 60.1 90.1

98 45.2 38.2 57.2



#40

Benzene

Concen: 18.591 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD080013.D

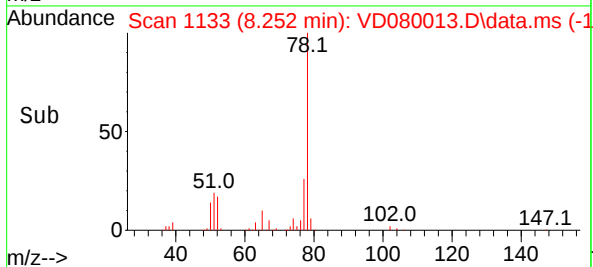
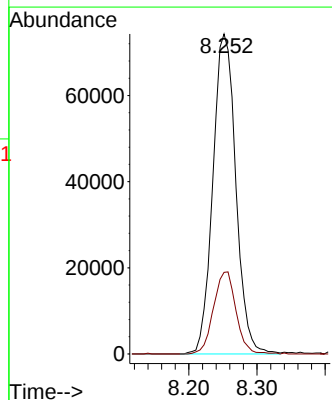
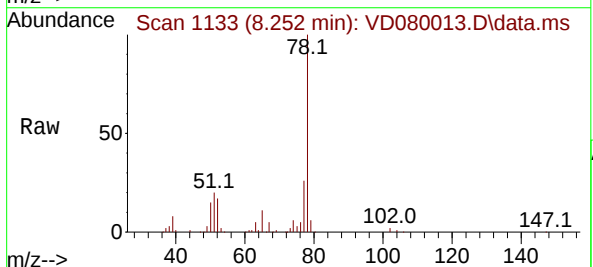
Acq: 14 Nov 2024 18:56

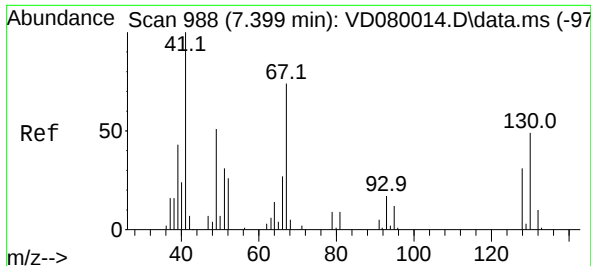
Tgt Ion: 78 Resp: 174136

Ion Ratio Lower Upper

78 100

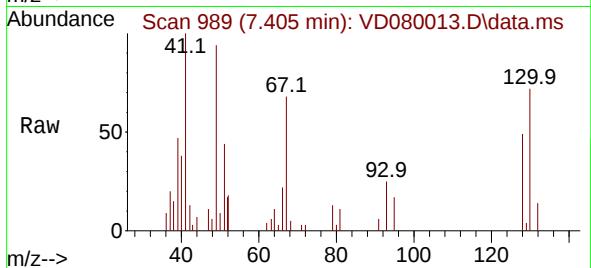
77 25.5 19.7 29.5





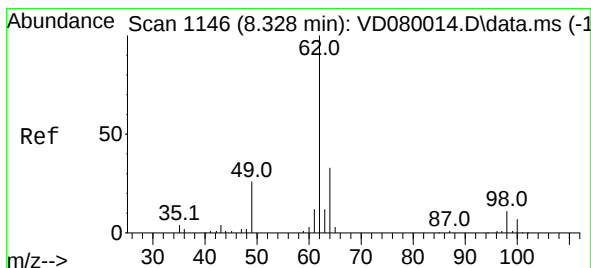
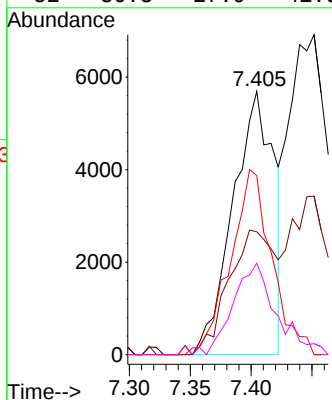
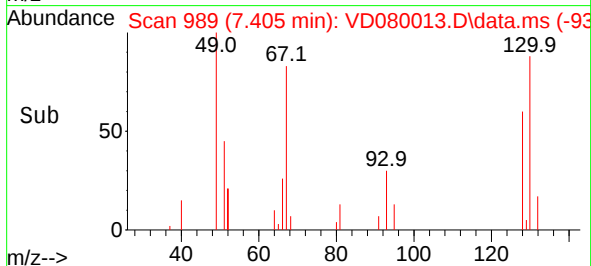
#41
Methacrylonitrile
Concen: 19.170 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 41 Resp: 13402

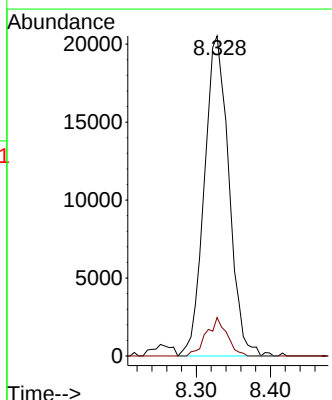
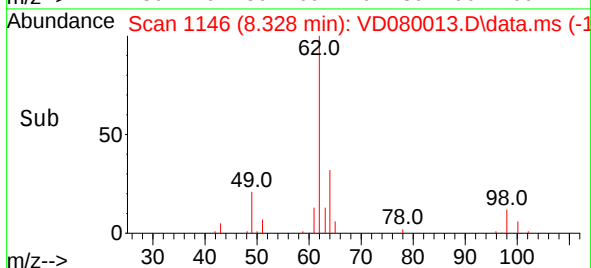
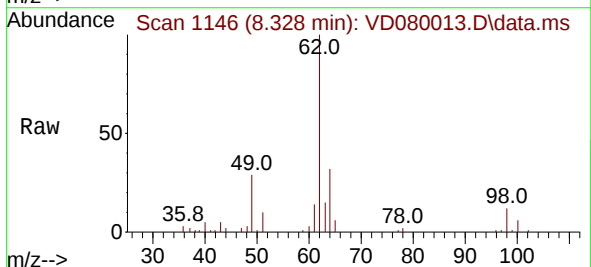
Ion	Ratio	Lower	Upper
41	100		
39	52.9	46.6	69.8
67	70.4	67.0	100.4
52	36.3	27.9	41.9

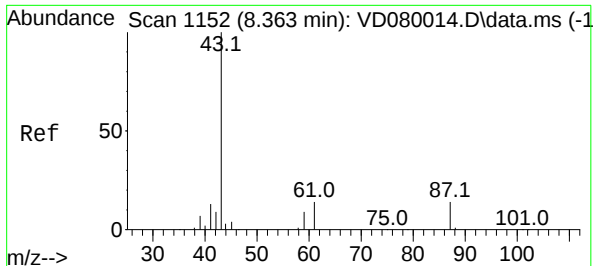


#42
1,2-Dichloroethane
Concen: 19.248 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Tgt Ion: 62 Resp: 47231

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	21.2





#43

Isopropyl Acetate

Concen: 18.464 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Instrument :

MSVOA_D

ClientSampleId :

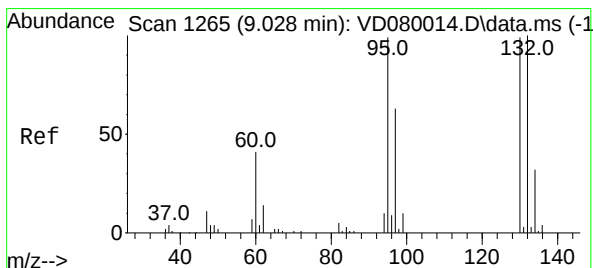
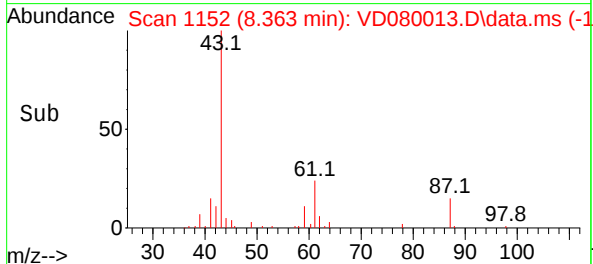
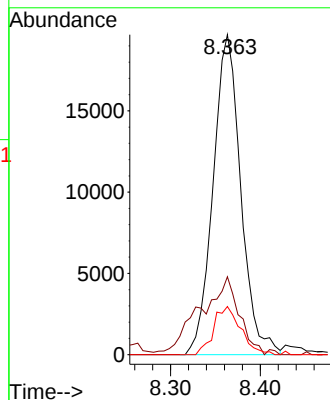
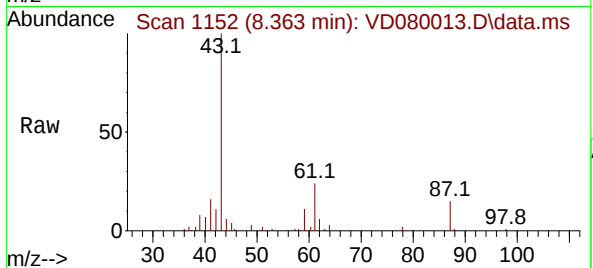
Tgt Ion: 43 Resp: 42249

Ion Ratio Lower Upper

43 100

61 34.9 27.0 40.4

87 14.7 11.3 16.9



#44

Trichloroethene

Concen: 19.047 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD080013.D

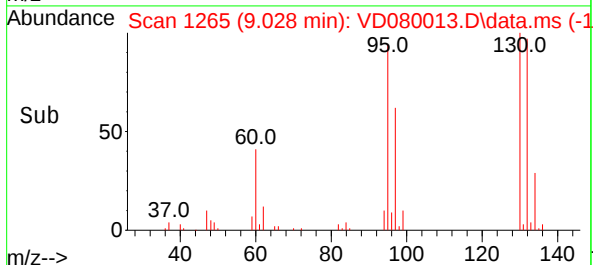
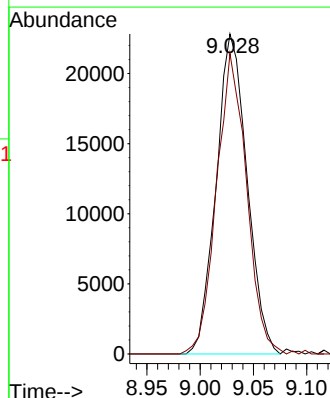
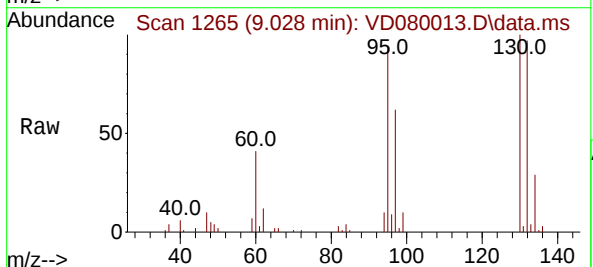
Acq: 14 Nov 2024 18:56

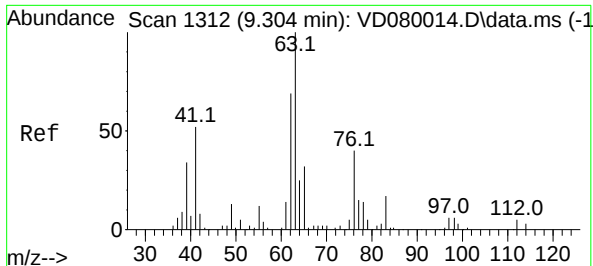
Tgt Ion:130 Resp: 46010

Ion Ratio Lower Upper

130 100

95 93.9 0.0 201.0





#45

1,2-Dichloropropane

Concen: 18.961 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Instrument :

MSVOA_D

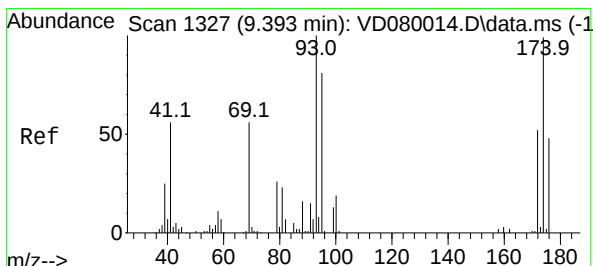
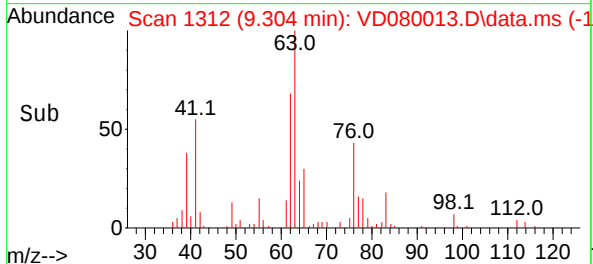
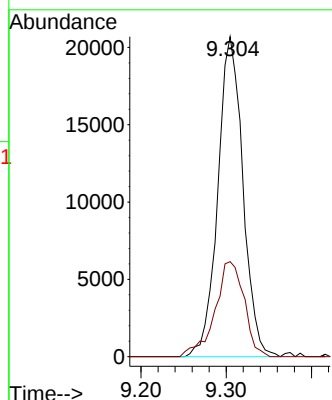
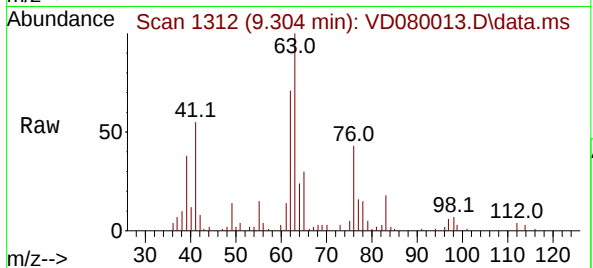
ClientSampleId :

Tgt Ion: 63 Resp: 42265

Ion Ratio Lower Upper

63 100

65 29.7 25.8 38.6



#46

Dibromomethane

Concen: 19.096 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

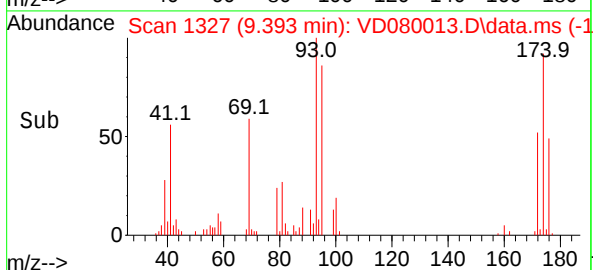
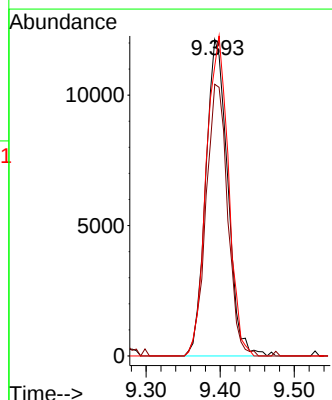
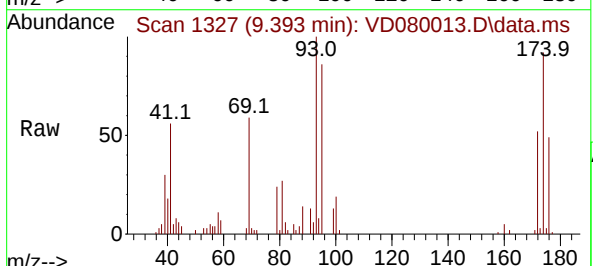
Tgt Ion: 93 Resp: 25016

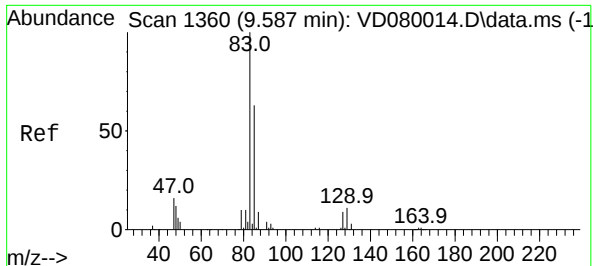
Ion Ratio Lower Upper

93 100

95 84.7 66.8 100.2

174 101.6 83.9 125.9

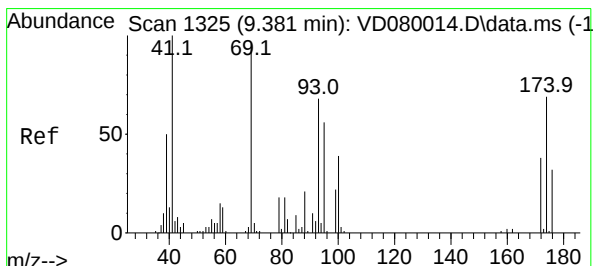
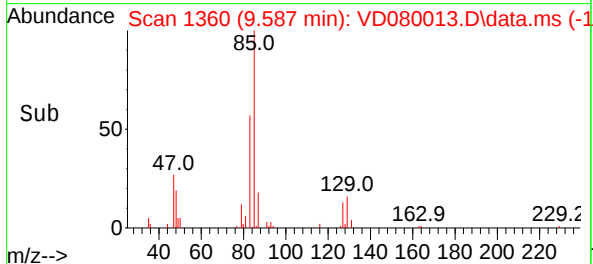
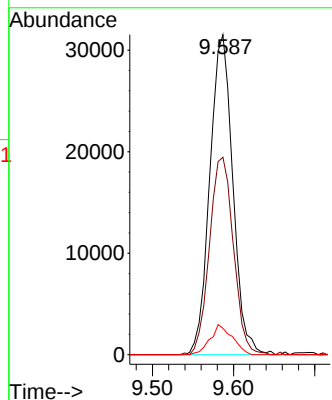
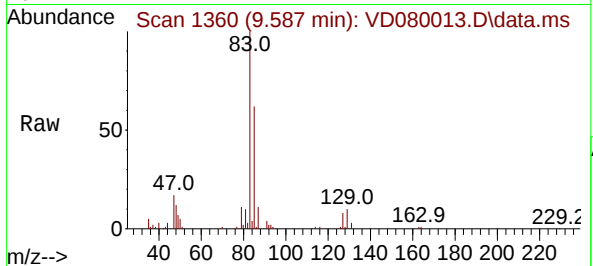




#47
Bromodichloromethane
Concen: 18.878 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

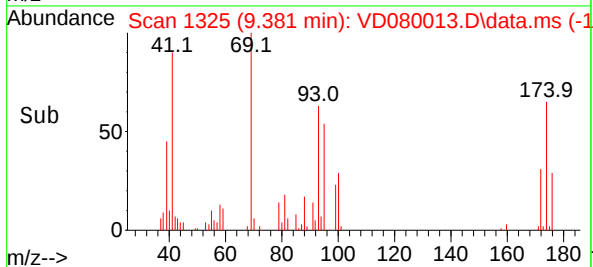
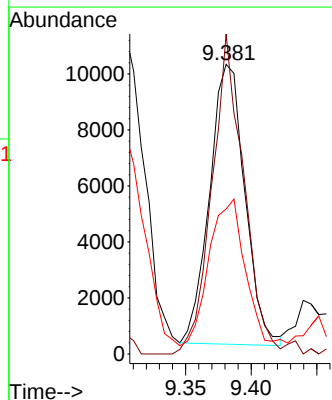
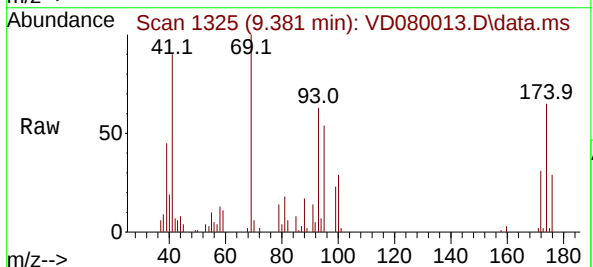
Instrument :
MSVOA_D
ClientSampleId :

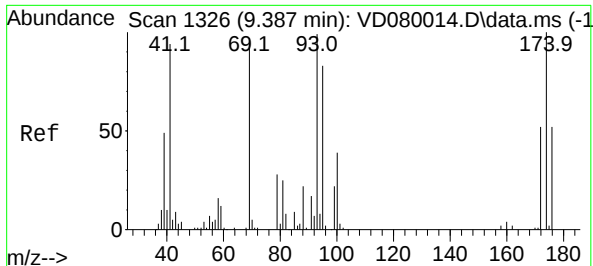
Tgt Ion: 83	Resp: 61993
Ion Ratio	Lower Upper
83	100
85	61.7 50.7 76.1
127	8.2 7.0 10.6



#48
Methyl methacrylate
Concen: 18.314 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Tgt Ion: 41	Resp: 18730
Ion Ratio	Lower Upper
41	100
69	102.4 77.0 115.4
39	59.4 41.2 61.8

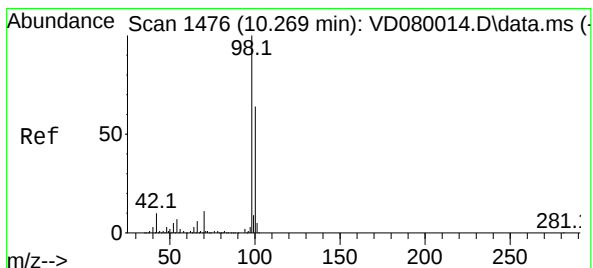
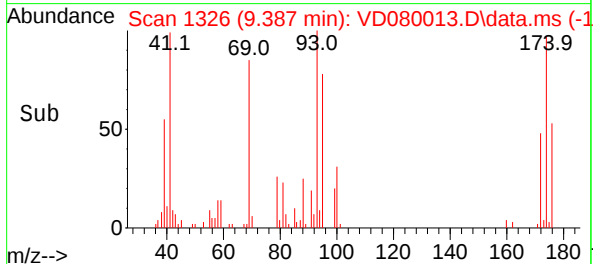
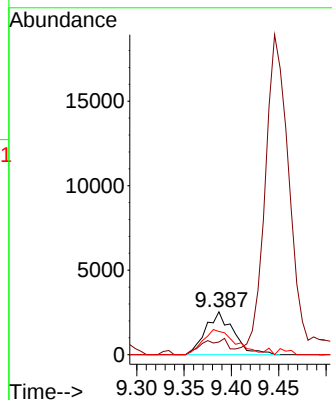
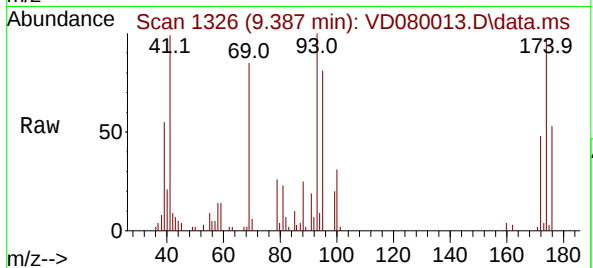




#49
1,4-Dioxane
Concen: 416.536 ug/l
RT: 9.387 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

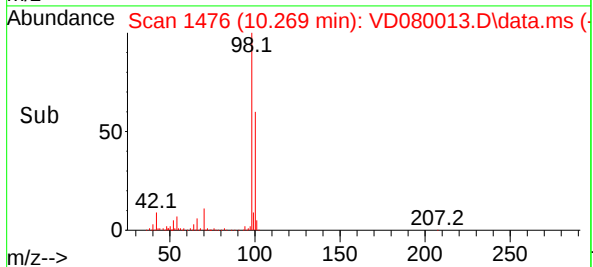
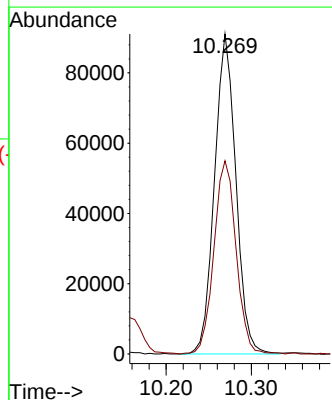
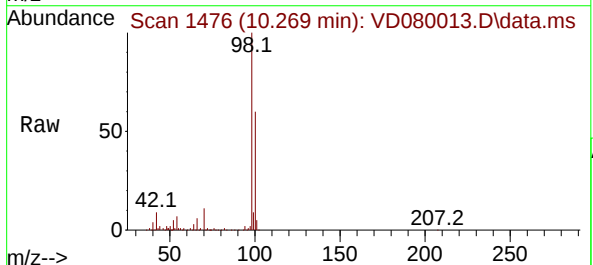
Instrument :
MSVOA_D
ClientSampleId :

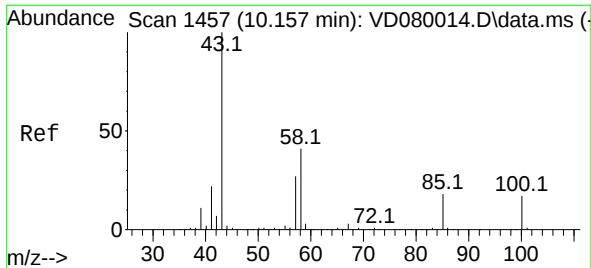
Tgt Ion: 88 Resp: 5199
Ion Ratio Lower Upper
88 100
43 35.2 28.0 42.0
58 67.4 55.2 82.8



#50
Toluene-d8
Concen: 20.140 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Tgt Ion: 98 Resp: 158316
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0

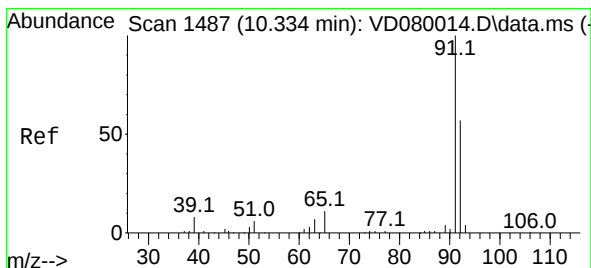
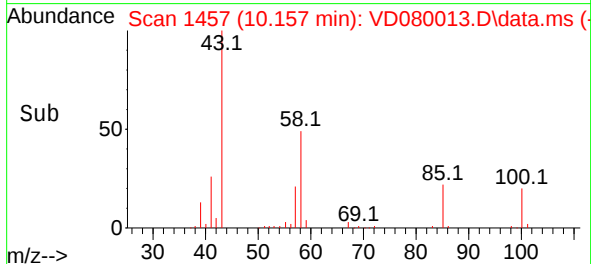
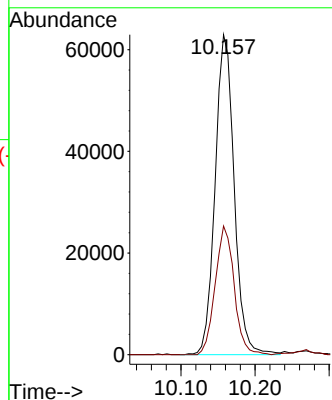
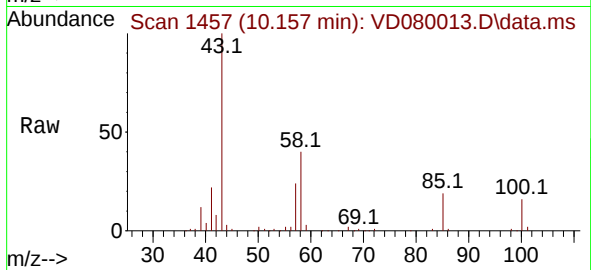




#51
4-Methyl-2-Pentanone
Concen: 97.541 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

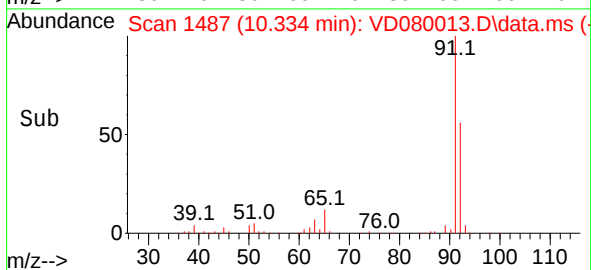
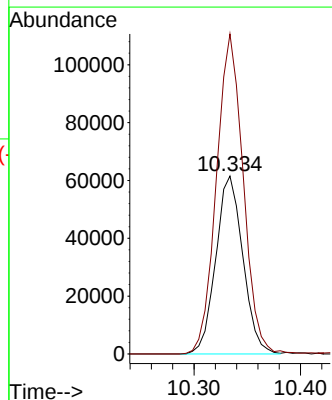
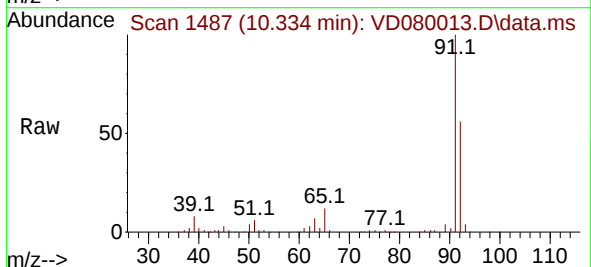
Instrument :
MSVOA_D
ClientSampleId :

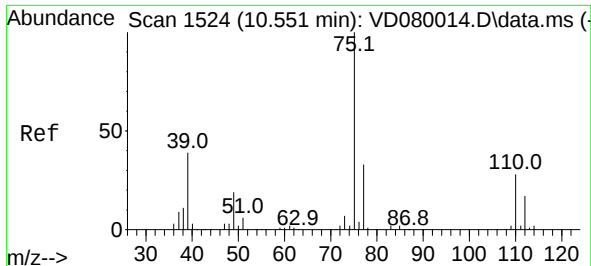
Tgt Ion: 43 Resp: 112478
Ion Ratio Lower Upper
43 100
58 39.9 32.6 48.8



#52
Toluene
Concen: 18.585 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Tgt Ion: 92 Resp: 108403
Ion Ratio Lower Upper
92 100
91 178.5 141.4 212.2





#53

t-1,3-Dichloropropene

Concen: 18.573 ug/l

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Instrument :

MSVOA_D

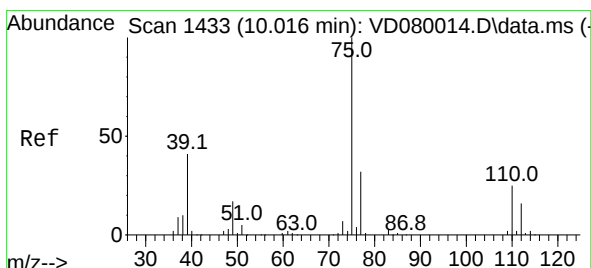
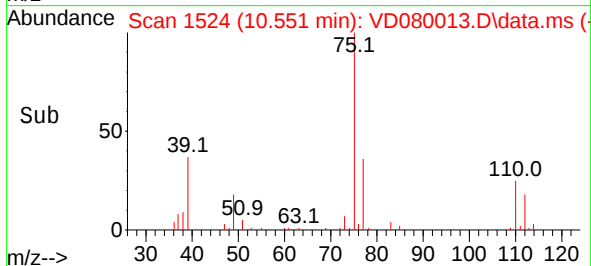
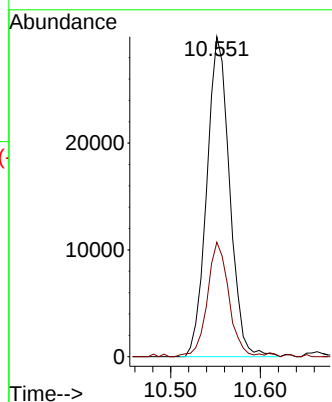
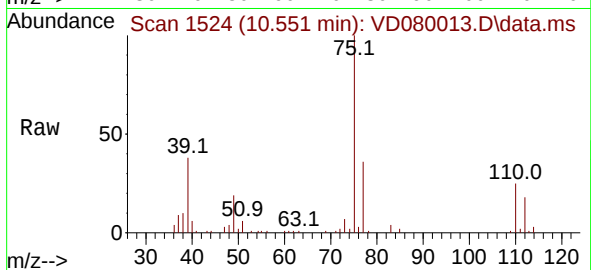
ClientSampleId :

Tgt Ion: 75 Resp: 52881

Ion Ratio Lower Upper

75 100

77 35.7 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 18.814 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

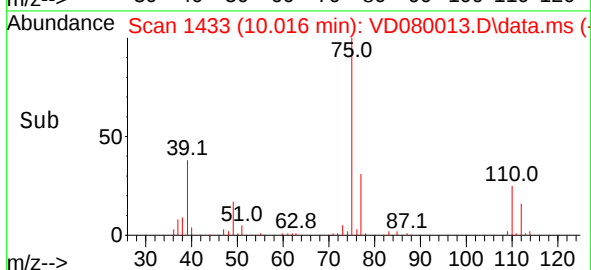
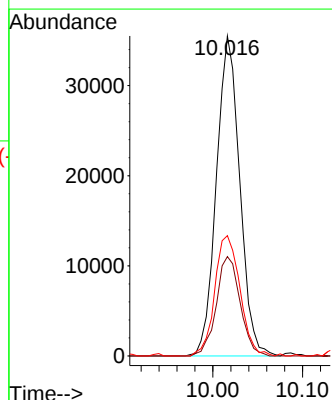
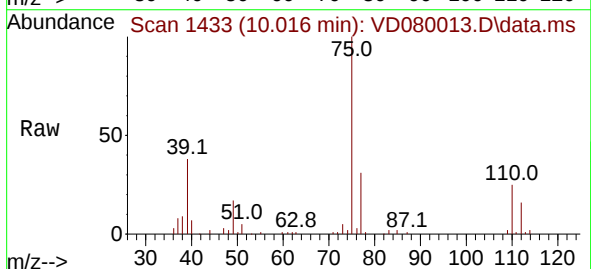
Tgt Ion: 75 Resp: 64194

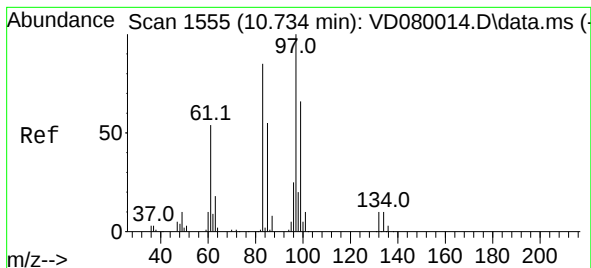
Ion Ratio Lower Upper

75 100

77 31.1 25.7 38.5

39 37.6 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 19.206 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 33594

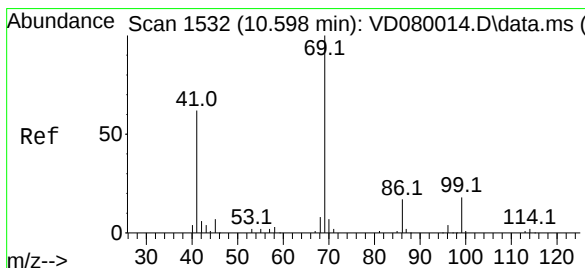
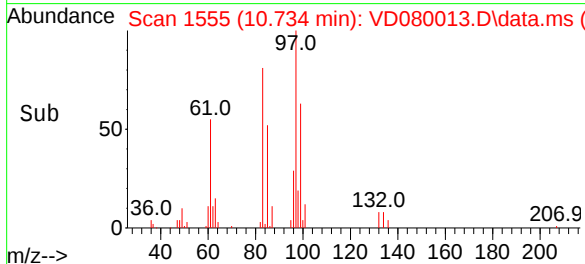
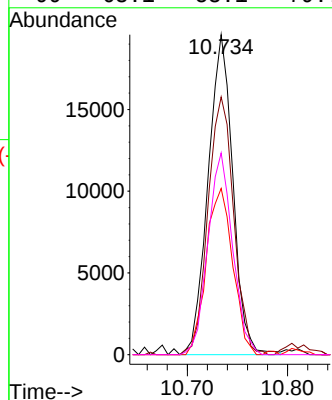
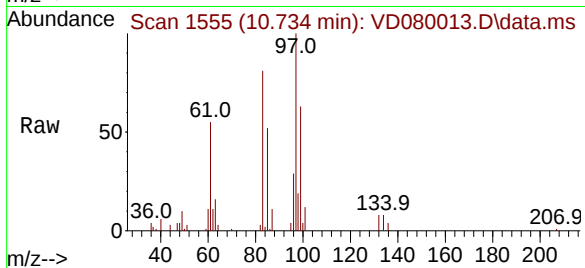
Ion Ratio Lower Upper

97 100

83 80.6 68.2 102.2

85 52.0 44.2 66.2

99 63.1 53.1 79.7



#56

Ethyl methacrylate

Concen: 18.245 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

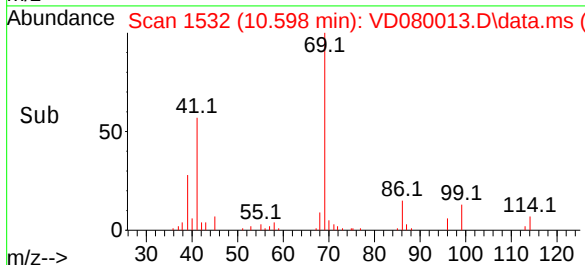
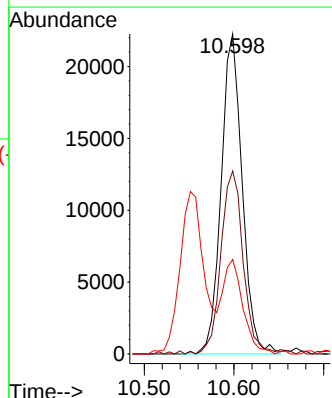
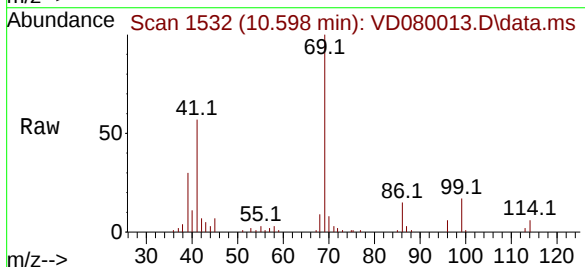
Tgt Ion: 69 Resp: 36283

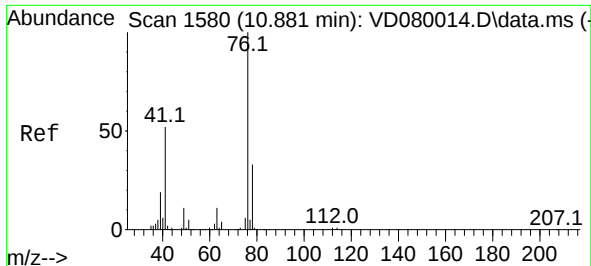
Ion Ratio Lower Upper

69 100

41 60.2 48.0 72.0

39 28.0 25.0 37.4





#57

1,3-Dichloropropane

Concen: 19.064 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

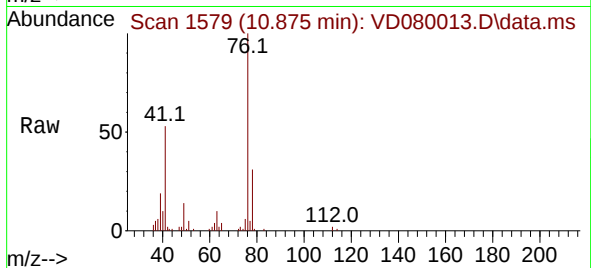
Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Instrument :

MSVOA_D

ClientSampleId :

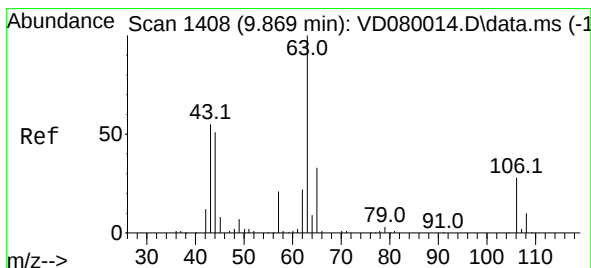
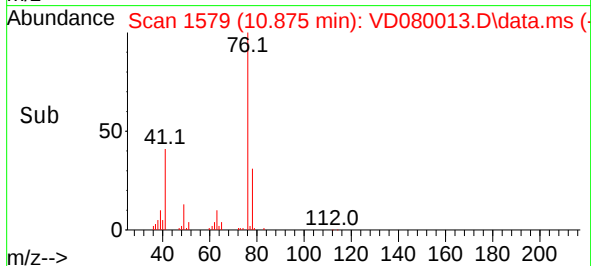
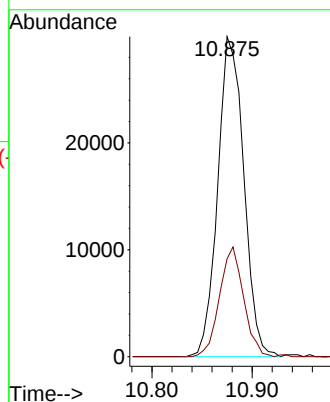


Tgt Ion: 76 Resp: 53909

Ion Ratio Lower Upper

76 100

78 31.6 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 91.067 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD080013.D

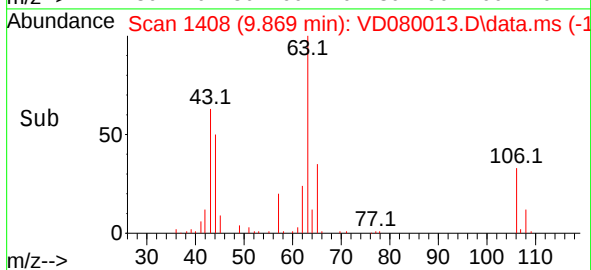
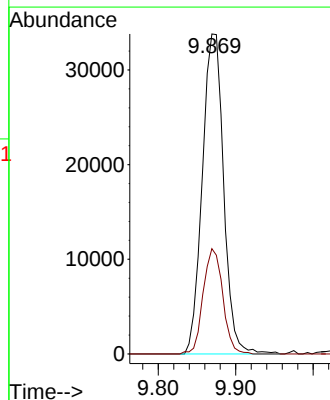
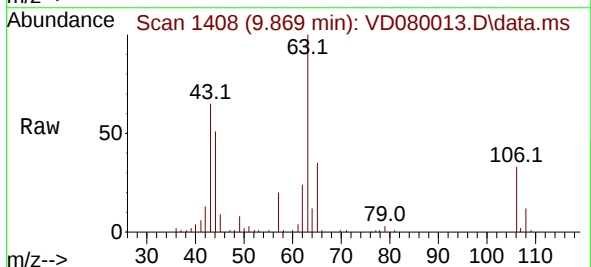
Acq: 14 Nov 2024 18:56

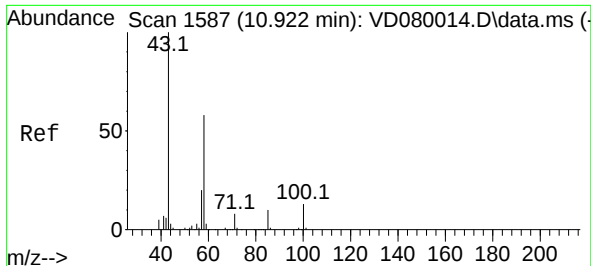
Tgt Ion: 63 Resp: 64674

Ion Ratio Lower Upper

63 100

106 30.2 23.3 34.9

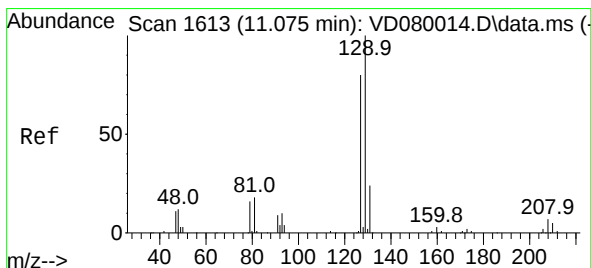
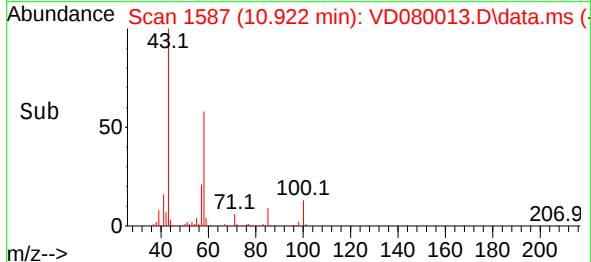
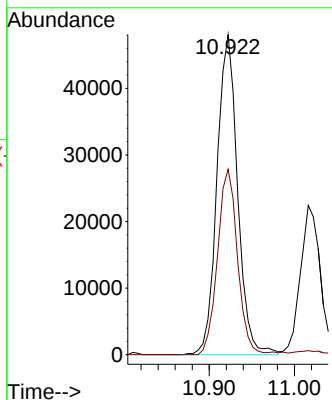
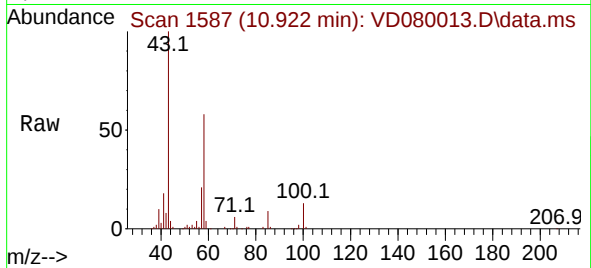




#59
2-Hexanone
Concen: 91.344 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

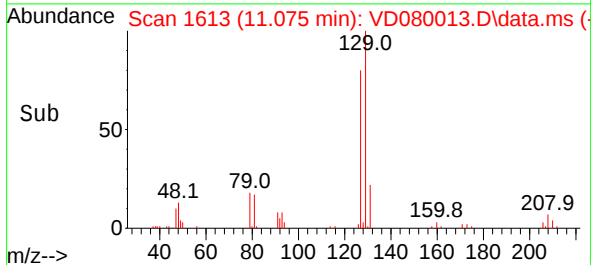
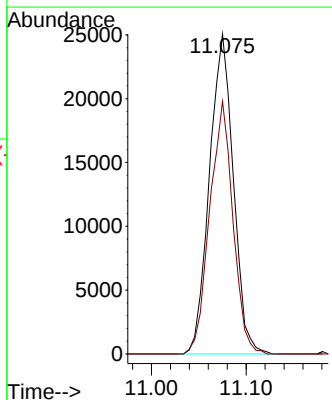
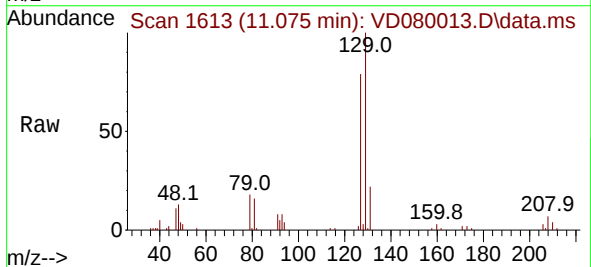
Instrument :
MSVOA_D
ClientSampleId :

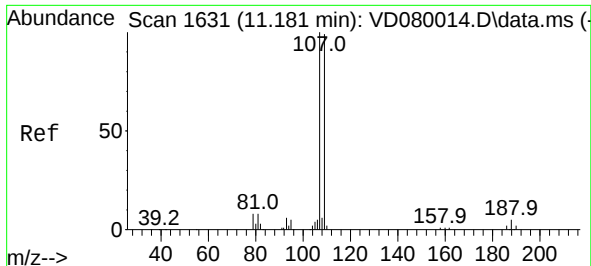
Tgt Ion: 43 Resp: 80833
Ion Ratio Lower Upper
43 100
58 56.0 29.1 87.4



#60
Dibromochloromethane
Concen: 19.000 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Tgt Ion:129 Resp: 44014
Ion Ratio Lower Upper
129 100
127 76.8 39.2 117.6

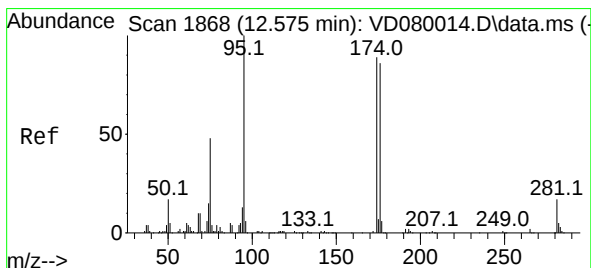
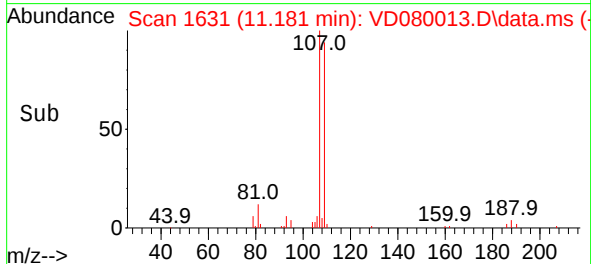
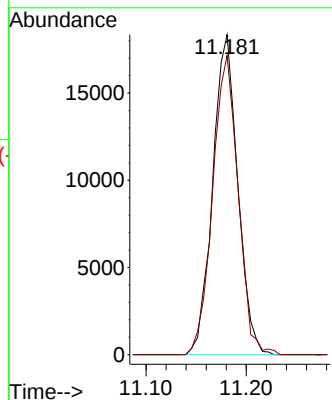
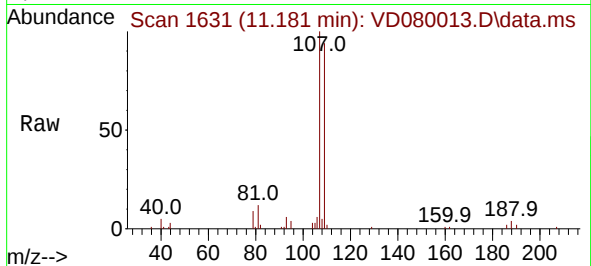




#61
1,2-Dibromoethane
Concen: 19.328 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

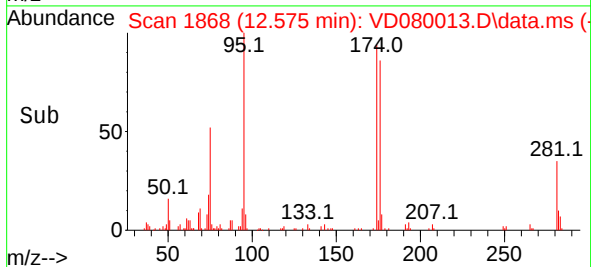
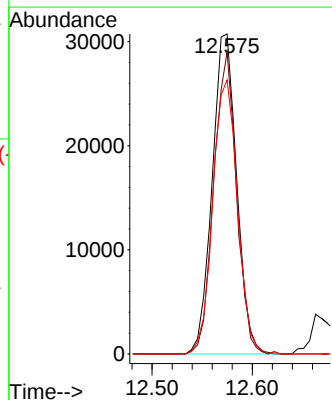
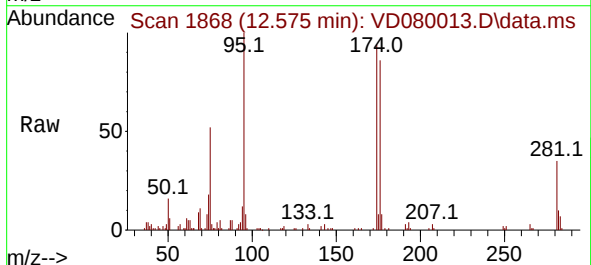
Instrument :
MSVOA_D
ClientSampleId :

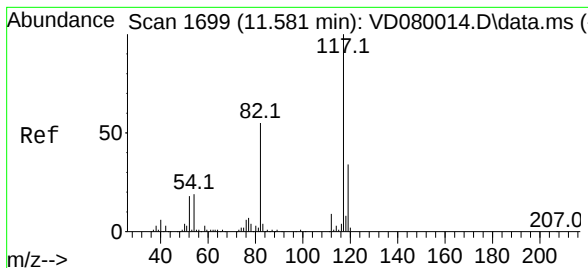
Tgt Ion:107 Resp: 31735
Ion Ratio Lower Upper
107 100
109 95.6 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 19.753 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Tgt Ion: 95 Resp: 52082
Ion Ratio Lower Upper
95 100
174 87.7 0.0 172.2
176 86.3 0.0 166.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Instrument :

MSVOA_D

ClientSampleId :

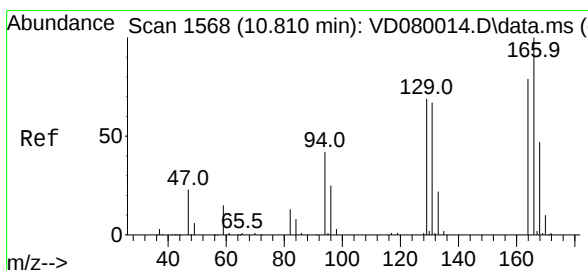
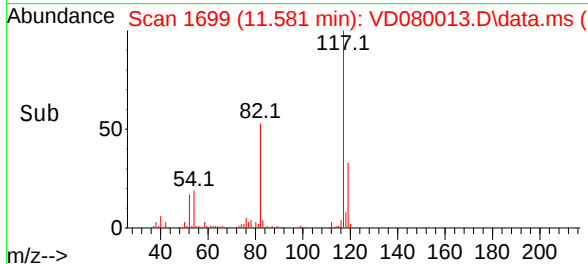
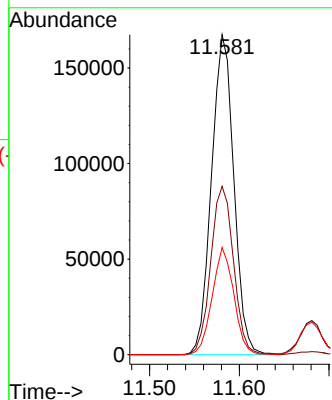
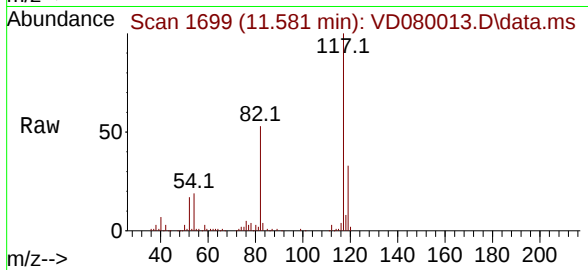
Tgt Ion:117 Resp: 289410

Ion Ratio Lower Upper

117 100

82 52.6 43.7 65.5

119 33.5 26.8 40.2



#64

Tetrachloroethene

Concen: 18.100 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Tgt Ion:164 Resp: 39538

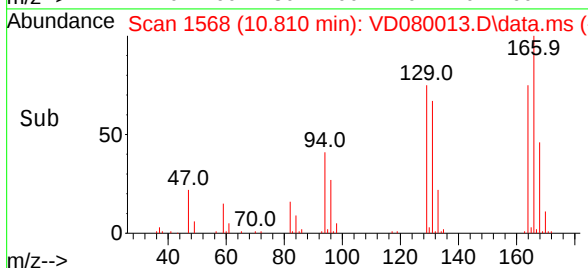
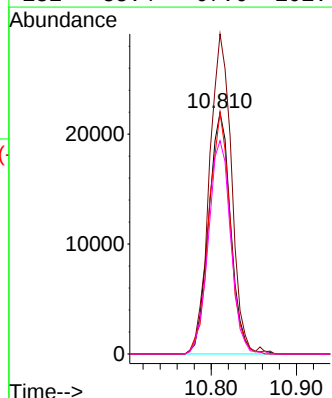
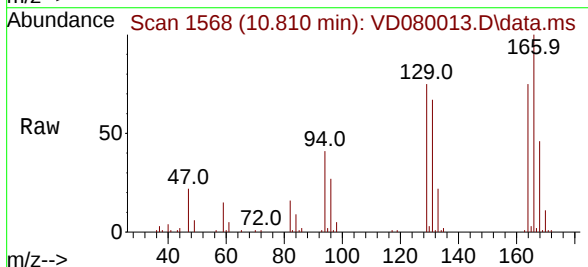
Ion Ratio Lower Upper

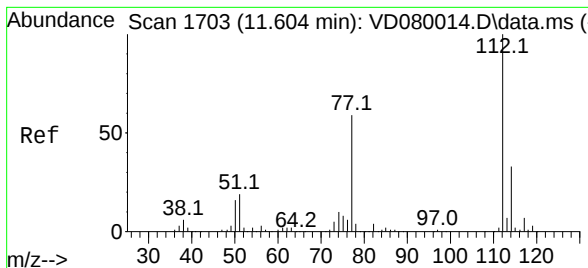
164 100

166 132.6 101.4 152.2

129 100.1 69.6 104.4

131 88.4 67.6 101.4

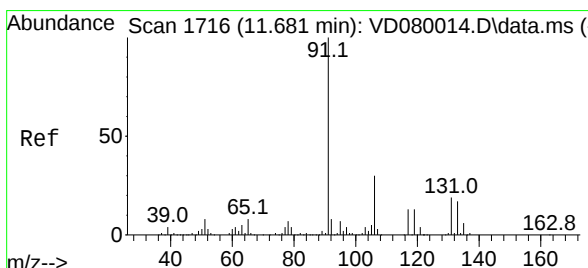
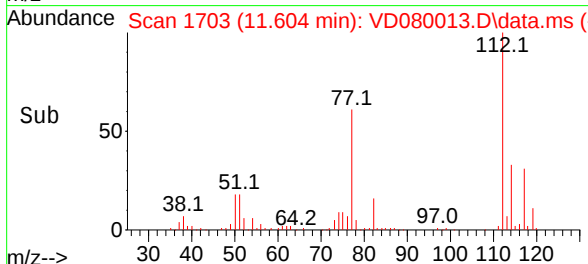
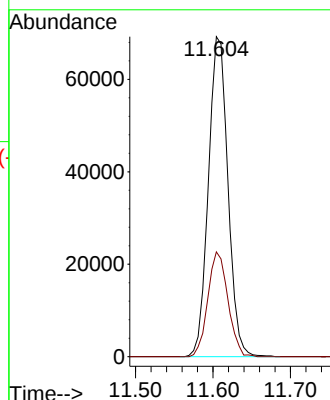
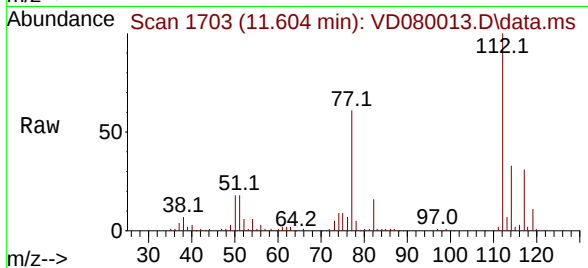




#65
Chlorobenzene
Concen: 18.268 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

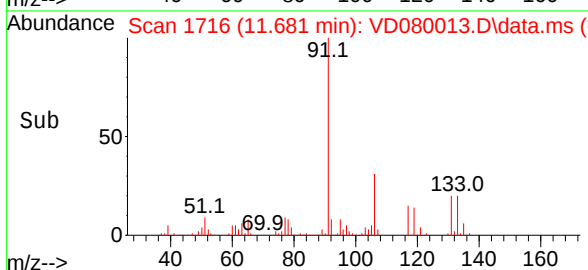
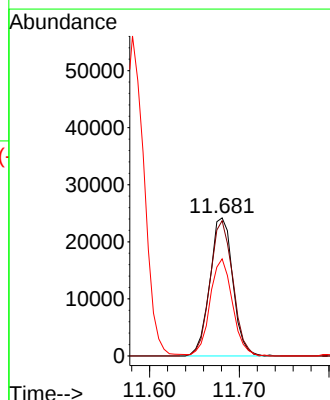
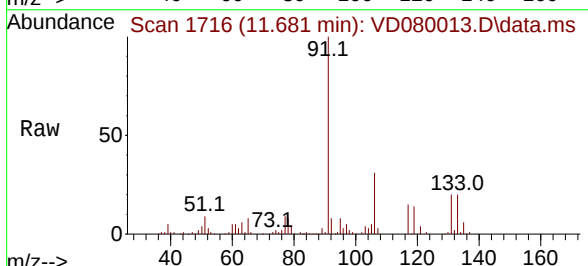
Instrument :
MSVOA_D
ClientSampleId :

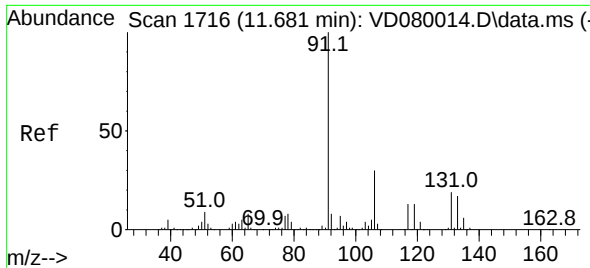
Tgt Ion:112 Resp: 121125
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.290 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Tgt Ion:131 Resp: 43115
Ion Ratio Lower Upper
131 100
133 97.0 46.5 139.5
119 68.6 33.0 98.9

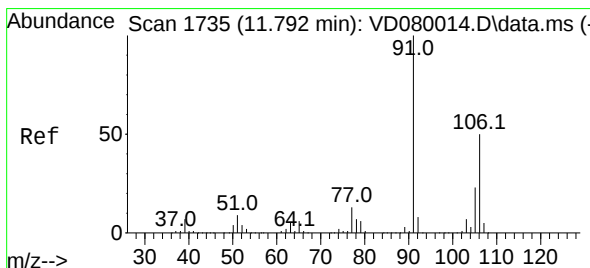
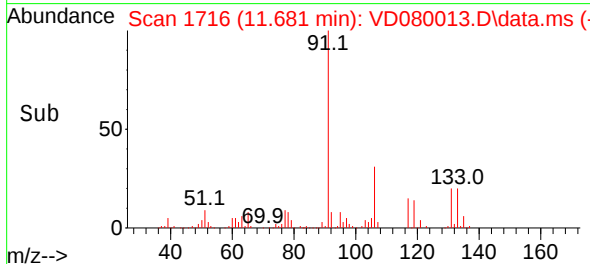
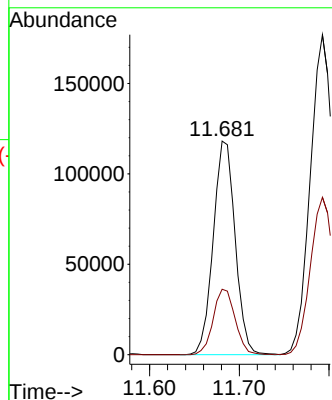
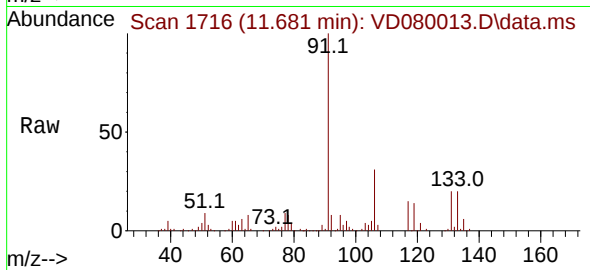




#67
Ethyl Benzene
Concen: 18.270 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

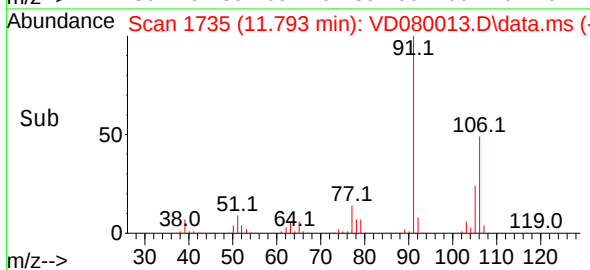
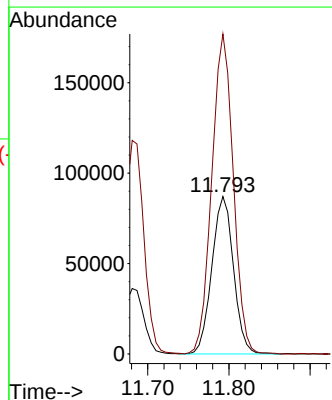
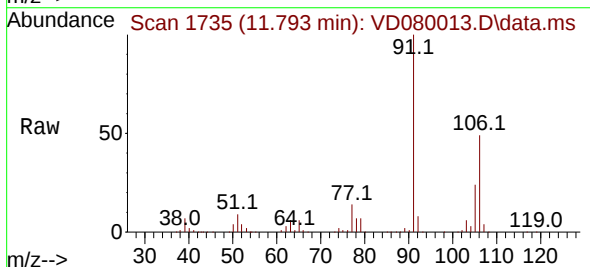
Instrument :
MSVOA_D
ClientSampleId :

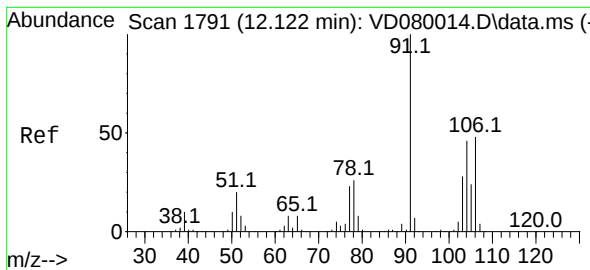
Tgt Ion: 91 Resp: 200511
Ion Ratio Lower Upper
91 100
106 30.6 24.4 36.6



#68
m/p-Xylenes
Concen: 37.223 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Tgt Ion:106 Resp: 161089
Ion Ratio Lower Upper
106 100
91 202.3 161.0 241.4

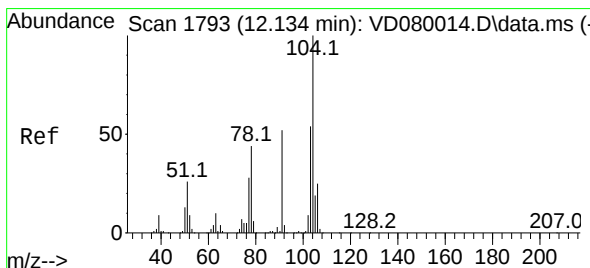
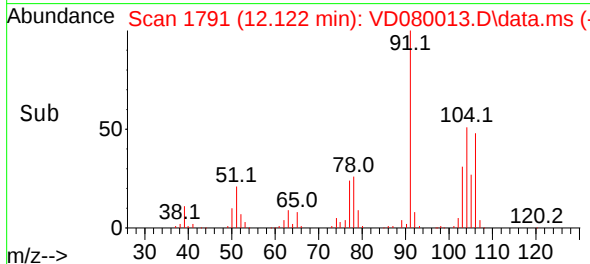
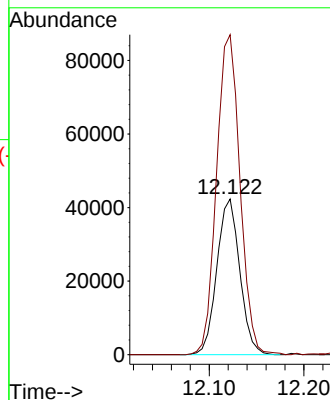
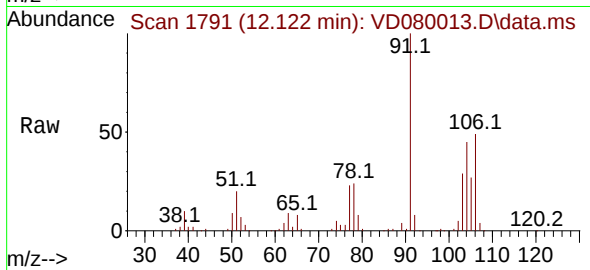




#69
o-Xylene
Concen: 18.138 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

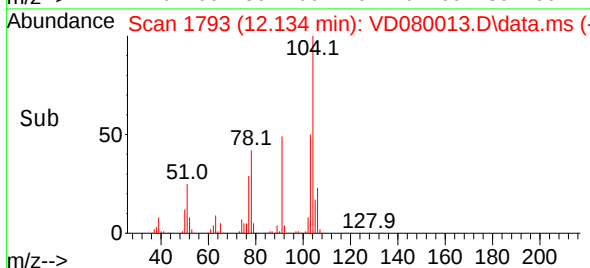
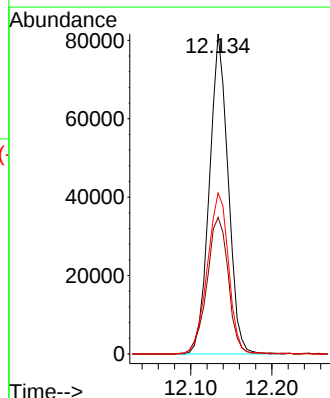
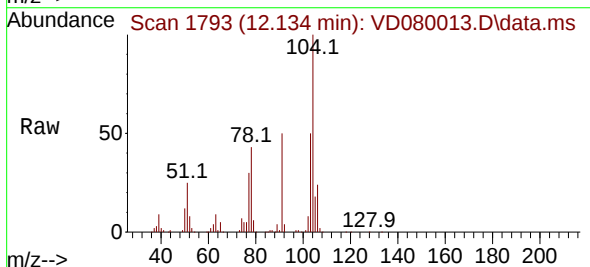
Instrument :
MSVOA_D
ClientSampleId :

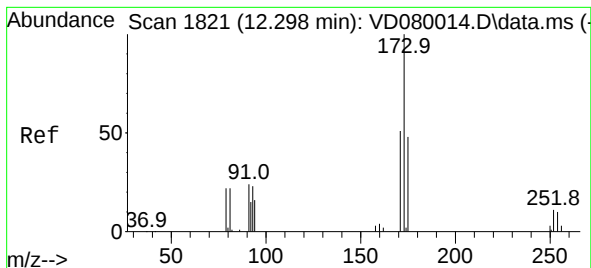
Tgt Ion:106 Resp: 71286
Ion Ratio Lower Upper
106 100
91 210.1 105.8 317.6



#70
Styrene
Concen: 18.705 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Tgt Ion:104 Resp: 130692
Ion Ratio Lower Upper
104 100
78 48.7 39.8 59.6
103 57.2 45.4 68.0





#71

Bromoform

Concen: 19.038 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Instrument :

MSVOA_D

ClientSampleId :

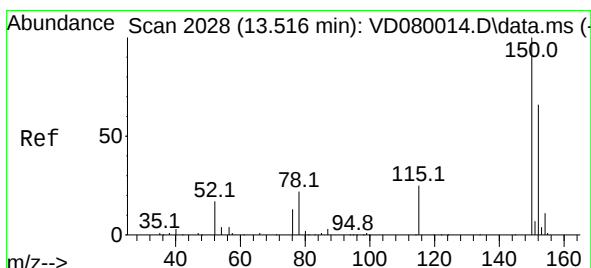
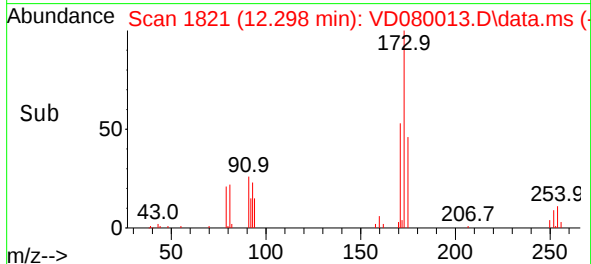
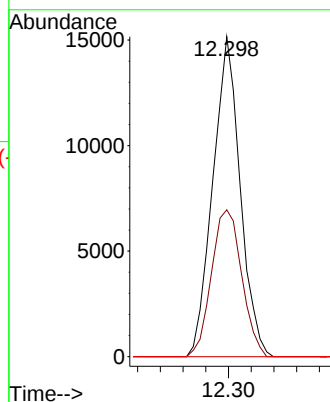
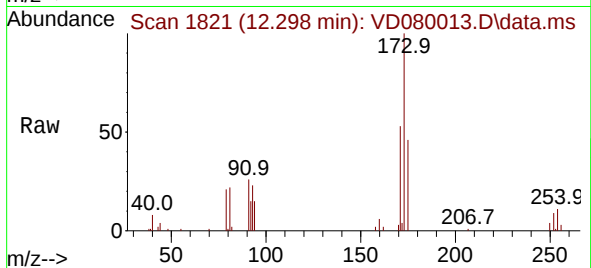
Tgt Ion:173 Resp: 25340

Ion Ratio Lower Upper

173 100

175 50.8 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

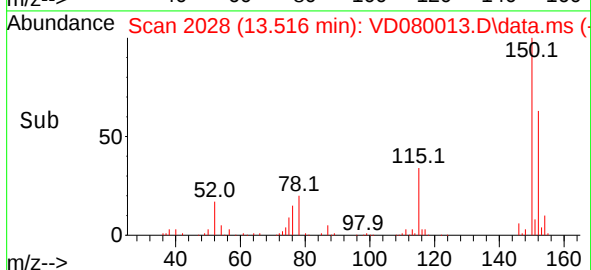
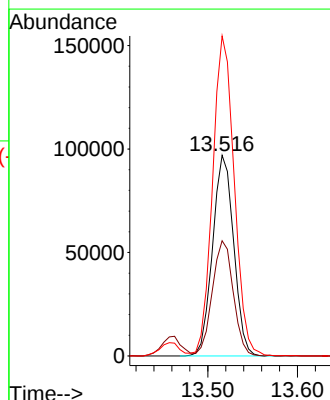
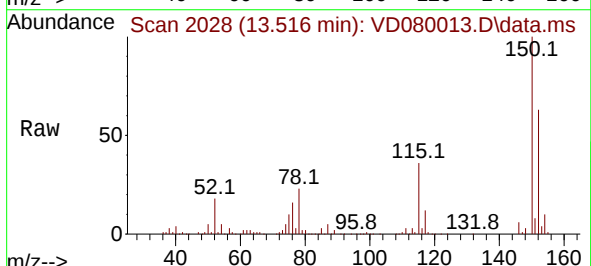
Tgt Ion:152 Resp: 158312

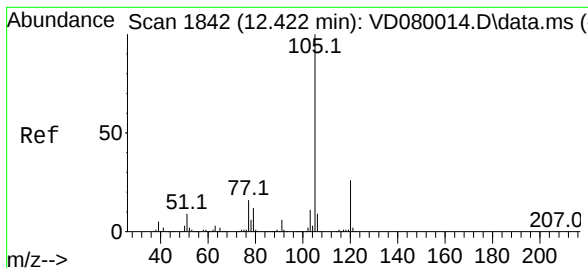
Ion Ratio Lower Upper

152 100

115 57.0 28.7 86.3

150 163.4 0.0 353.8





#73

Isopropylbenzene

Concen: 17.902 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Instrument :

MSVOA_D

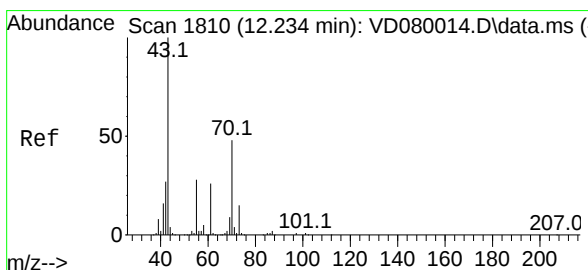
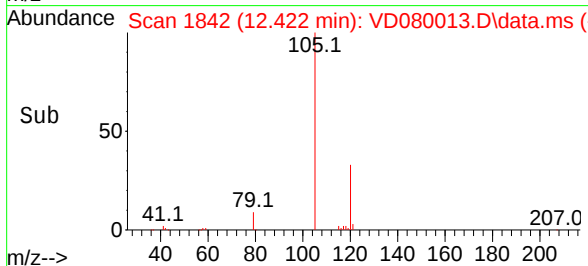
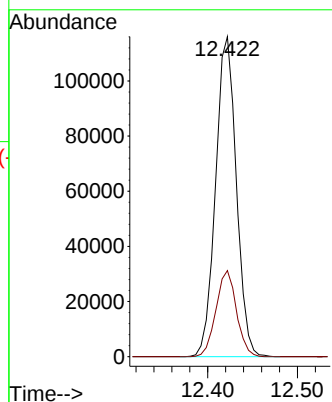
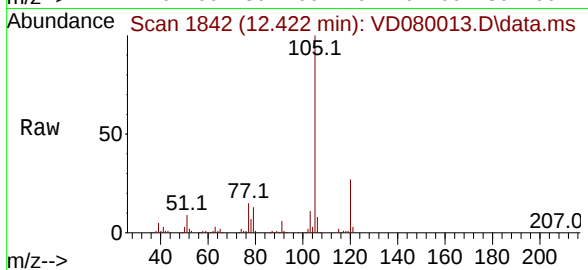
ClientSampleId :

Tgt Ion:105 Resp: 186183

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



#74

N-ethyl acetate

Concen: 18.782 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Tgt Ion: 43 Resp: 41691

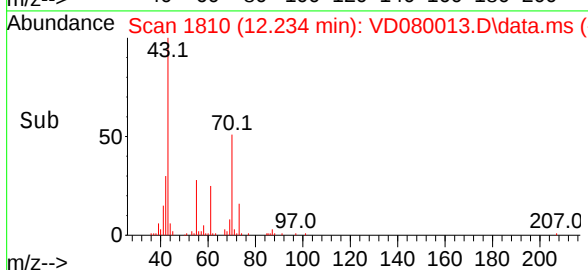
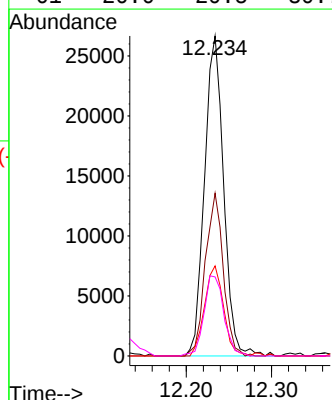
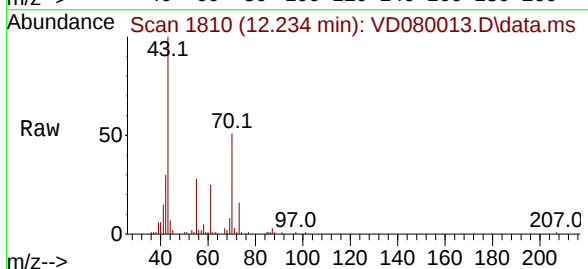
Ion Ratio Lower Upper

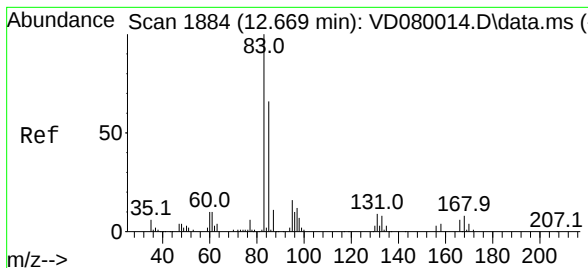
43 100

70 47.5 37.4 56.0

55 27.8 21.8 32.8

61 26.0 20.5 30.7

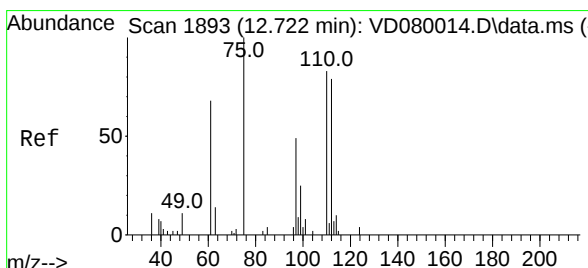
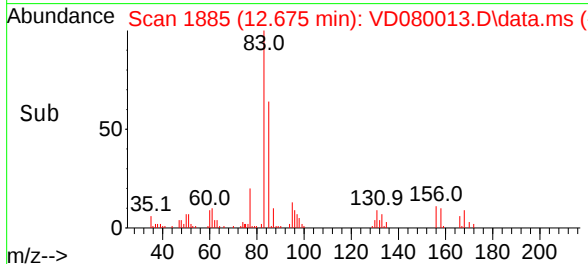
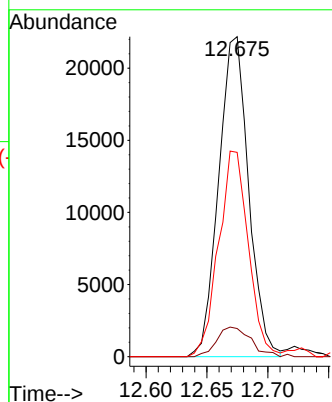
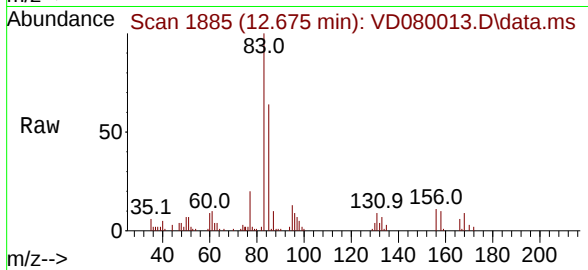




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.894 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.006 min
 Lab File: VD080013.D
 Acq: 14 Nov 2024 18:56

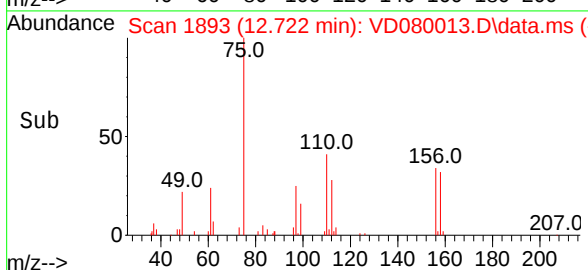
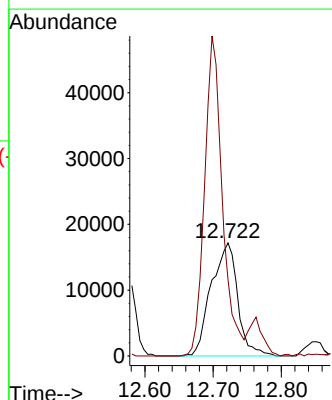
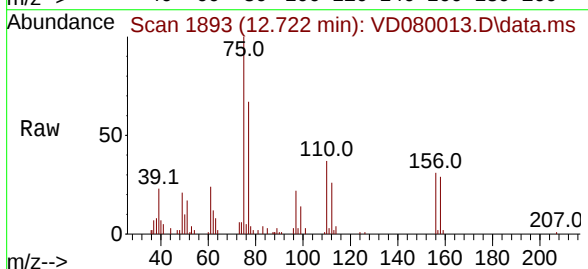
Instrument :
 MSVOA_D
 ClientSampleId :

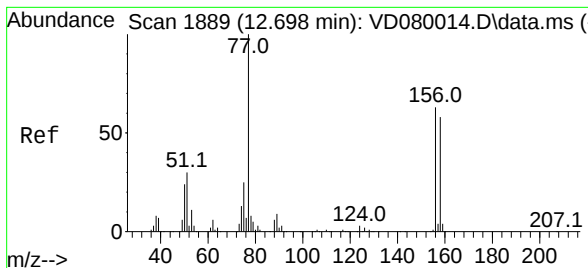
Tgt Ion: 83 Resp: 37992
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.0 15.0
 85 63.8 31.2 93.6



#76
 1,2,3-Trichloropropane
 Concen: 34.363 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD080013.D
 Acq: 14 Nov 2024 18:56

Tgt Ion: 75 Resp: 46386
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.253 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Instrument :

MSVOA_D

ClientSampleId :

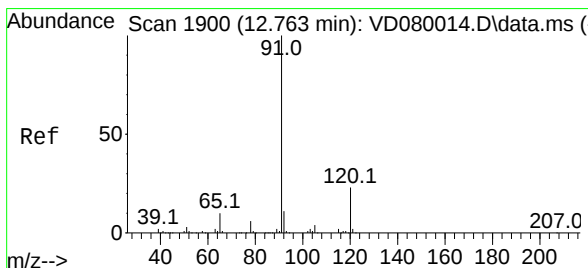
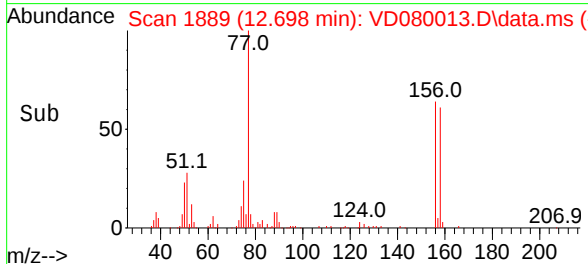
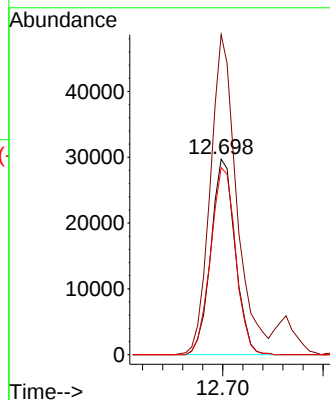
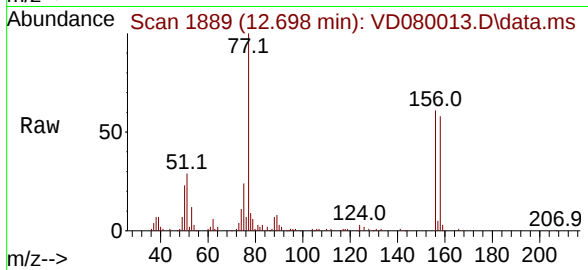
Tgt Ion:156 Resp: 49984

Ion Ratio Lower Upper

156 100

77 177.4 84.9 254.6

158 98.2 47.8 143.3



#78

n-propylbenzene

Concen: 18.297 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD080013.D

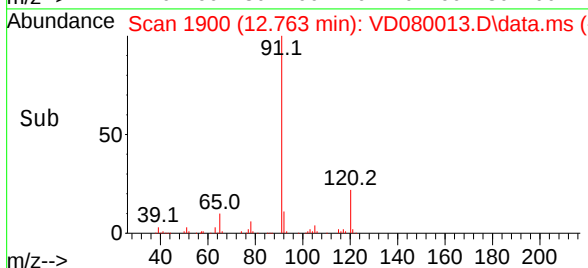
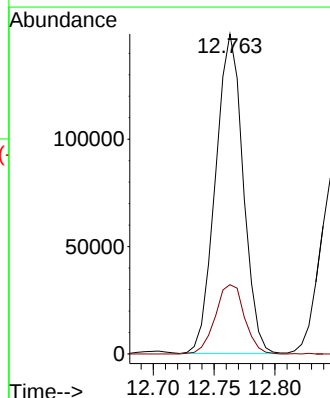
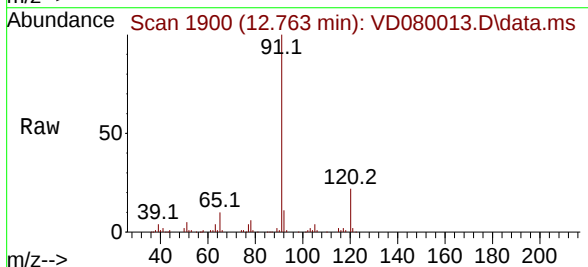
Acq: 14 Nov 2024 18:56

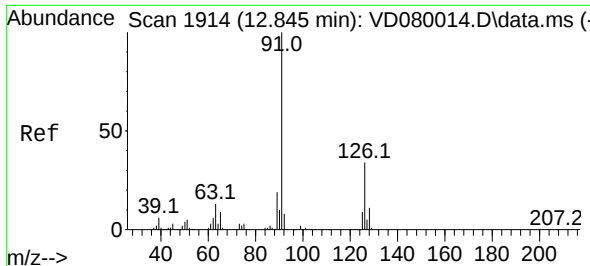
Tgt Ion: 91 Resp: 235470

Ion Ratio Lower Upper

91 100

120 22.9 11.4 34.1





#79

2-Chlorotoluene

Concen: 18.171 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Instrument :

MSVOA_D

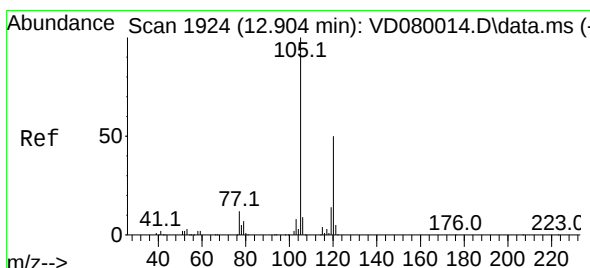
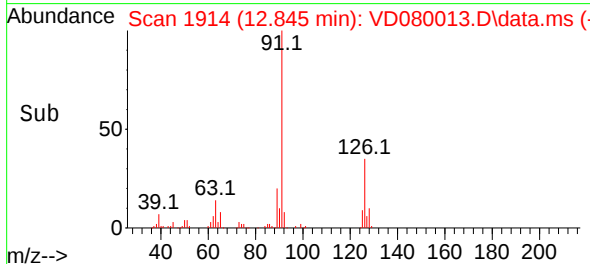
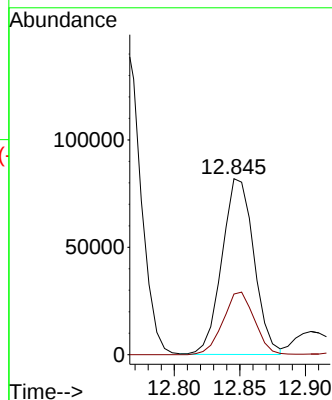
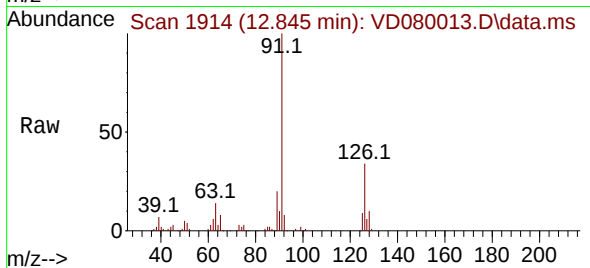
ClientSampleId :

Tgt Ion: 91 Resp: 138993

Ion Ratio Lower Upper

91 100

126 35.0 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 18.319 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD080013.D

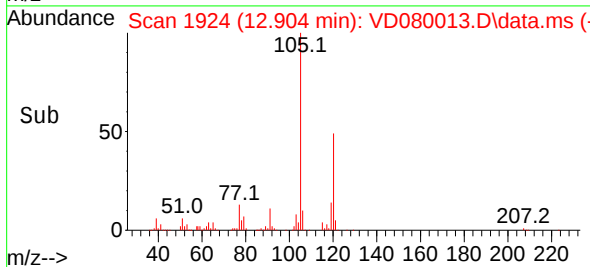
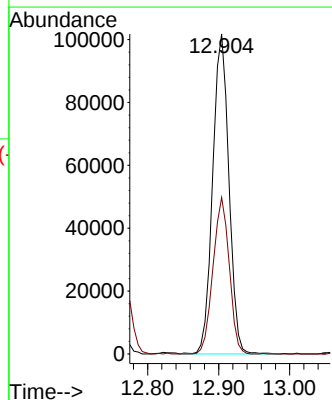
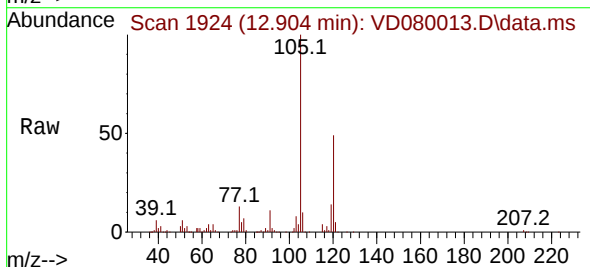
Acq: 14 Nov 2024 18:56

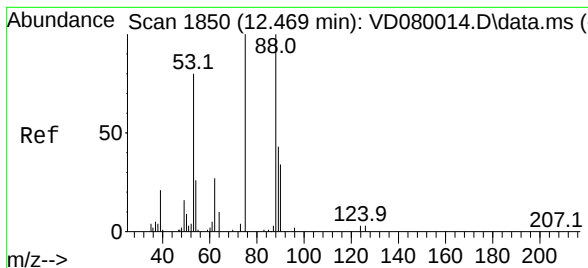
Tgt Ion:105 Resp: 161145

Ion Ratio Lower Upper

105 100

120 48.8 24.6 74.0

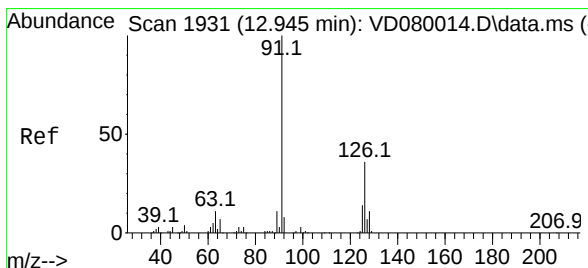
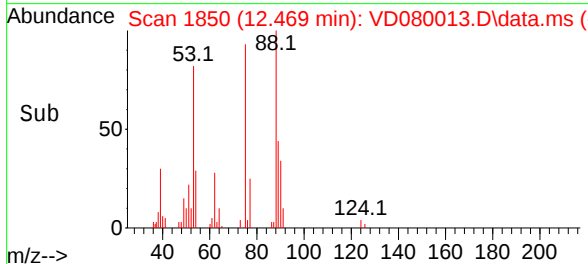
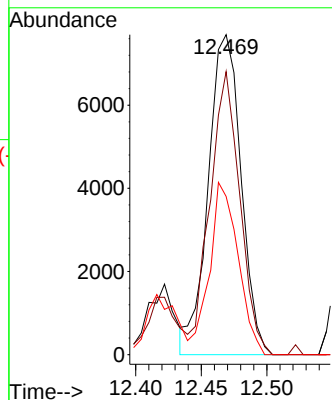
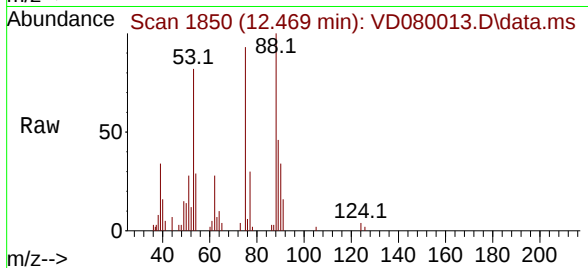




#81
trans-1,4-Dichloro-2-butene
Concen: 19.167 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

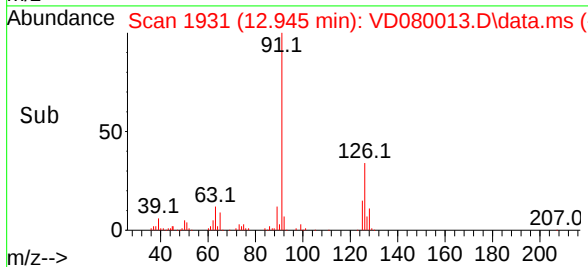
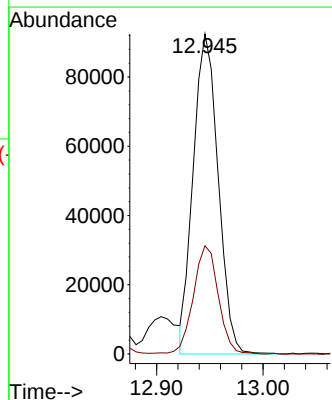
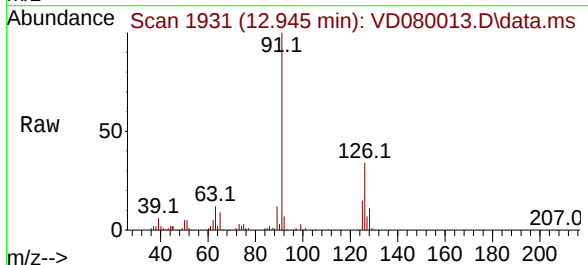
Instrument :
MSVOA_D
ClientSampleId :

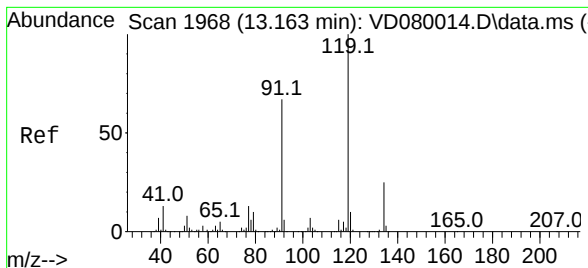
Tgt Ion: 75 Resp: 13378
Ion Ratio Lower Upper
75 100
53 80.5 66.7 100.1
89 47.0 37.7 56.5



#82
4-Chlorotoluene
Concen: 18.497 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Tgt Ion: 91 Resp: 150243
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.3





#83

tert-Butylbenzene

Concen: 17.852 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Instrument :

MSVOA_D

ClientSampleId :

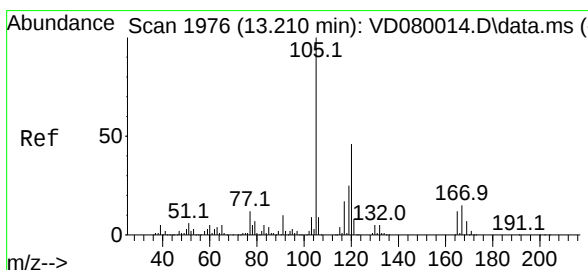
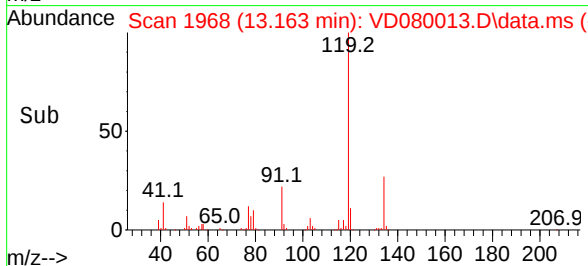
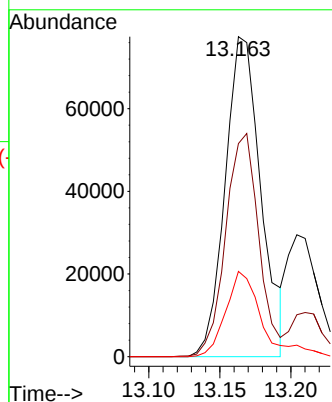
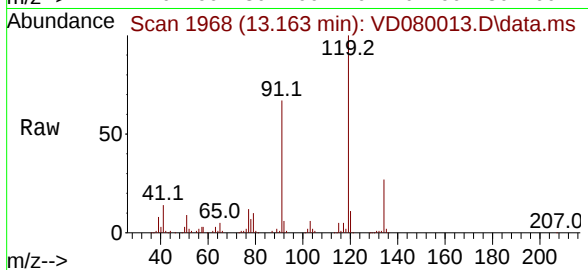
Tgt Ion:119 Resp: 135502

Ion Ratio Lower Upper

119 100

91 64.7 31.4 94.3

134 26.8 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 18.503 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD080013.D

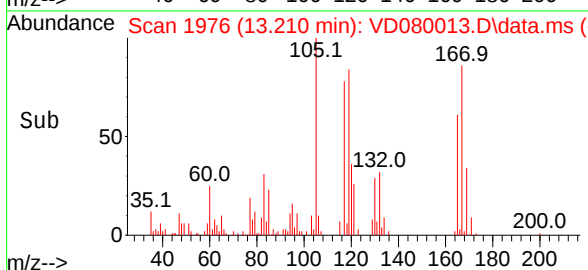
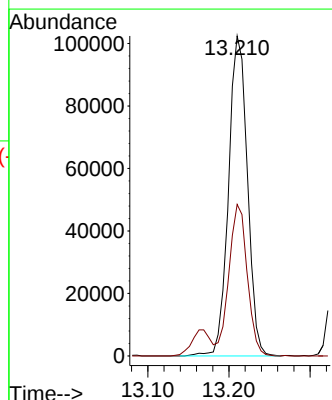
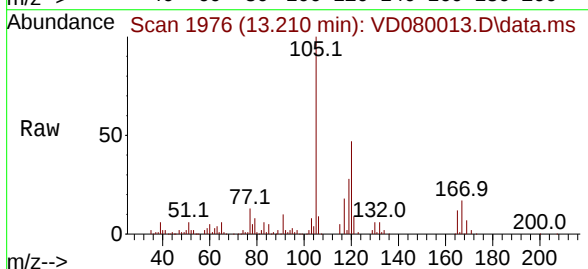
Acq: 14 Nov 2024 18:56

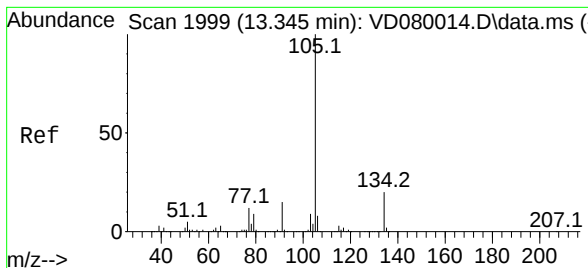
Tgt Ion:105 Resp: 165467

Ion Ratio Lower Upper

105 100

120 46.2 22.8 68.3





#85

sec-Butylbenzene

Concen: 18.343 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Instrument :

MSVOA_D

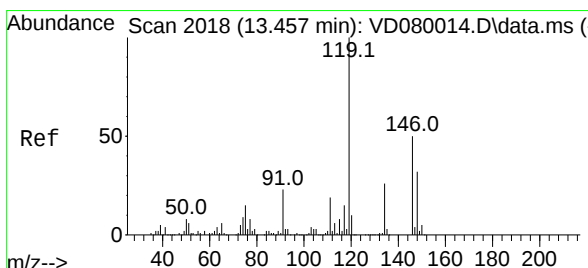
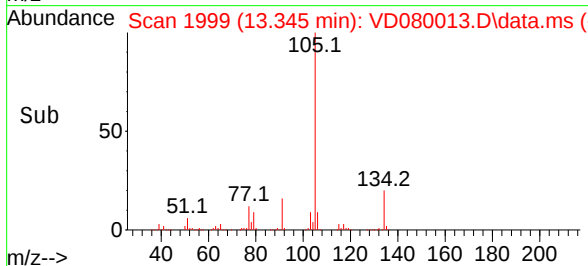
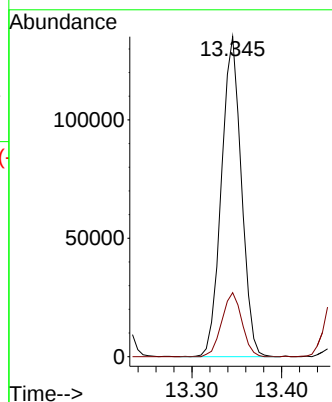
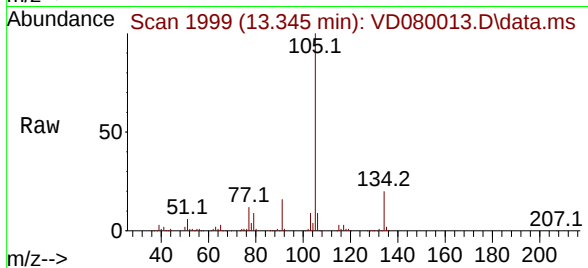
ClientSampleId :

Tgt Ion:105 Resp: 208556

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.3



#86

p-Isopropyltoluene

Concen: 18.048 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

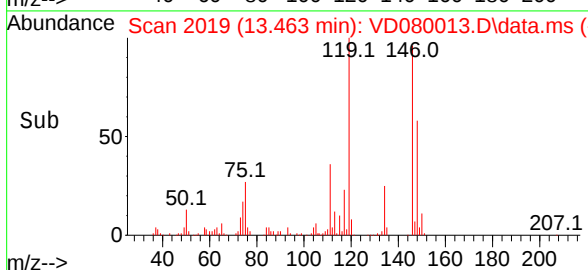
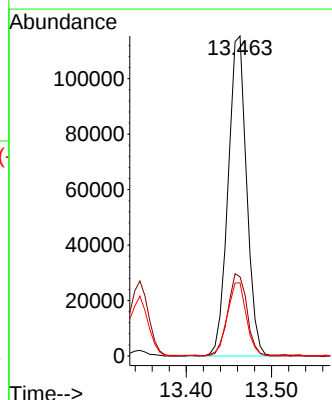
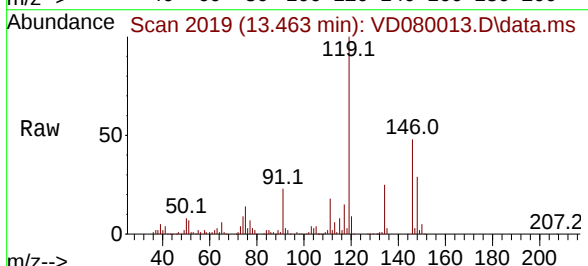
Tgt Ion:119 Resp: 174095

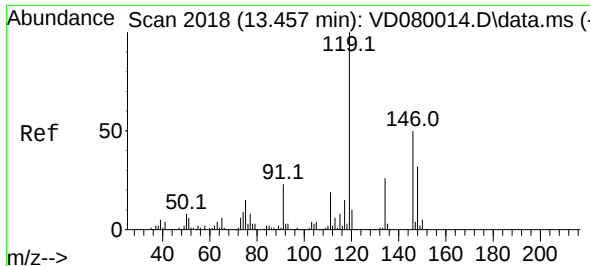
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 23.7 11.5 34.5

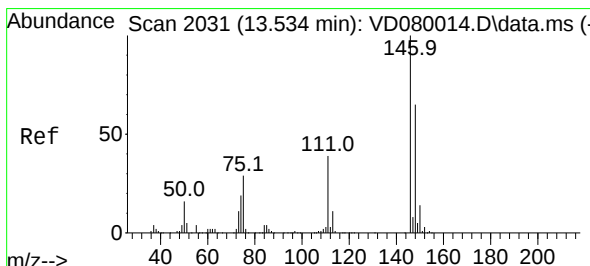
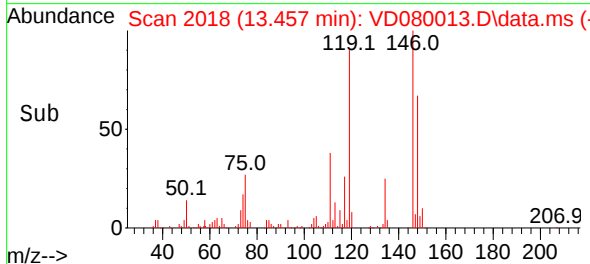
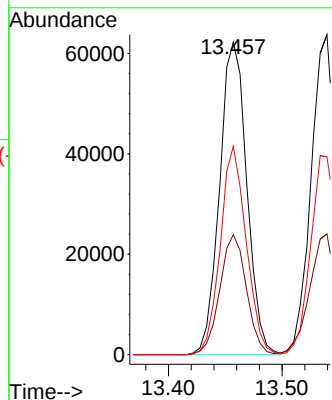
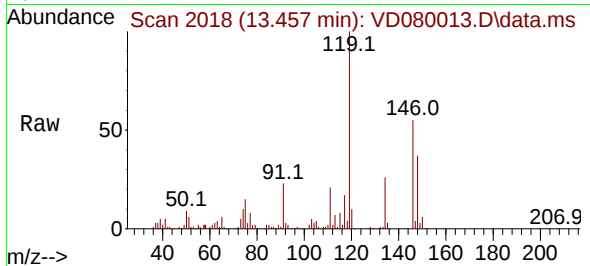




#87
1,3-Dichlorobenzene
Concen: 18.277 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

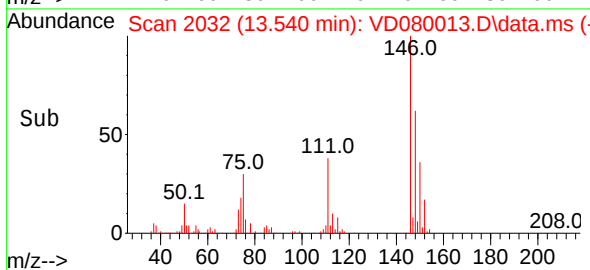
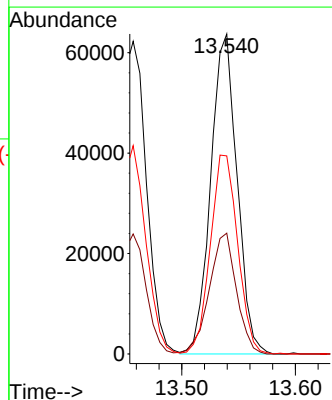
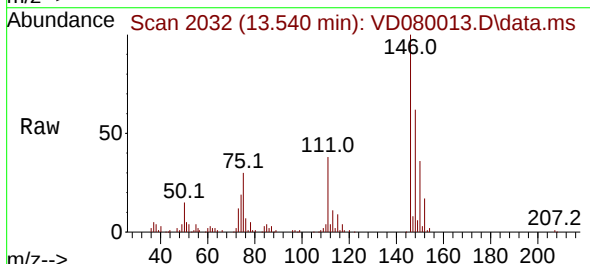
Instrument :
MSVOA_D
ClientSampleId :

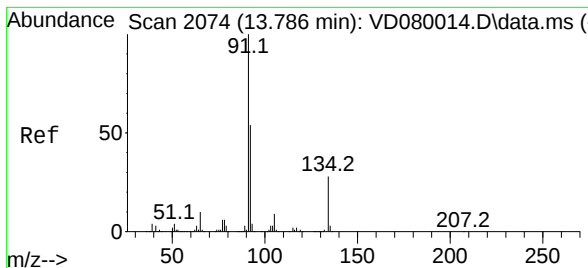
Tgt Ion:146 Resp: 103564
Ion Ratio Lower Upper
146 100
111 37.6 19.1 57.1
148 63.5 31.6 94.7



#88
1,4-Dichlorobenzene
Concen: 18.017 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Tgt Ion:146 Resp: 102782
Ion Ratio Lower Upper
146 100
111 39.0 19.0 57.0
148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 17.528 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD080013.D

Acq: 14 Nov 2024 18:56

Instrument :

MSVOA_D

ClientSampleId :

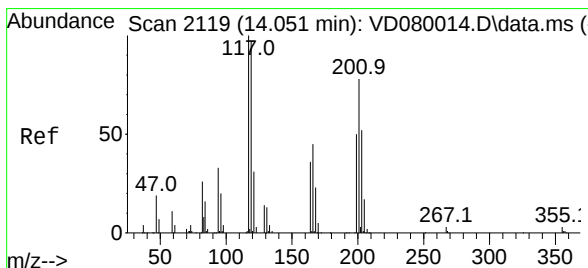
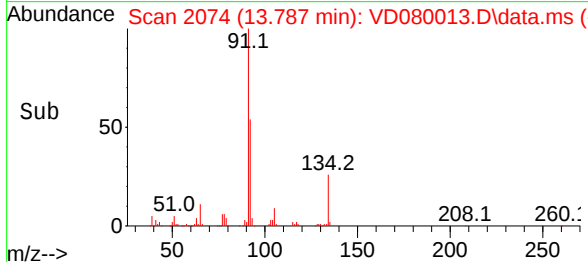
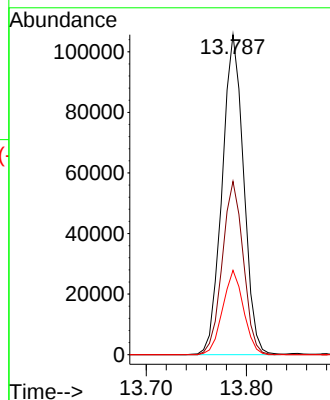
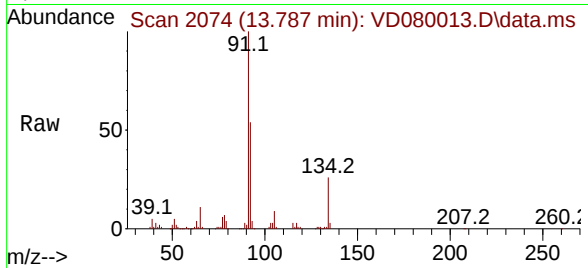
Tgt Ion: 91 Resp: 157177

Ion Ratio Lower Upper

91 100

92 52.9 26.9 80.6

134 25.6 13.6 40.7



#90

Hexachloroethane

Concen: 17.983 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD080013.D

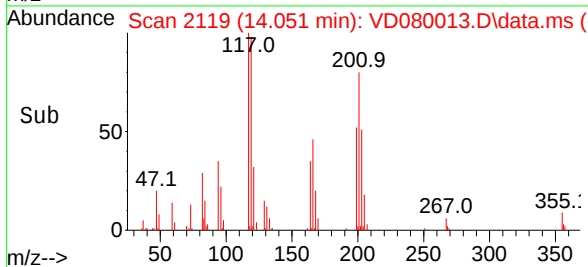
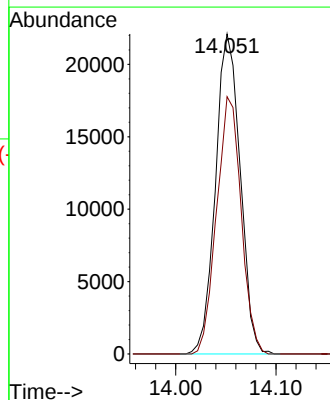
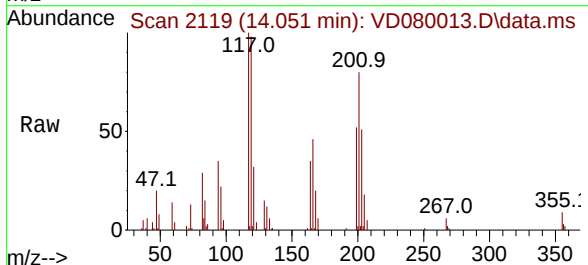
Acq: 14 Nov 2024 18:56

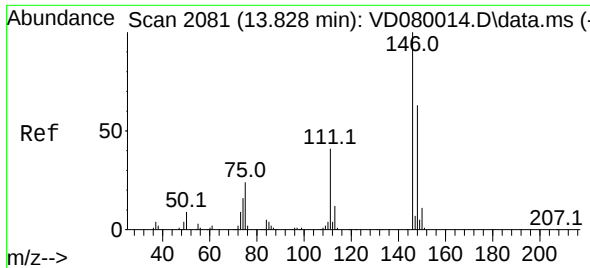
Tgt Ion: 117 Resp: 37826

Ion Ratio Lower Upper

117 100

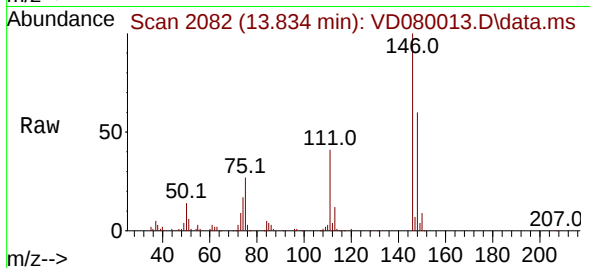
201 79.9 40.5 121.5



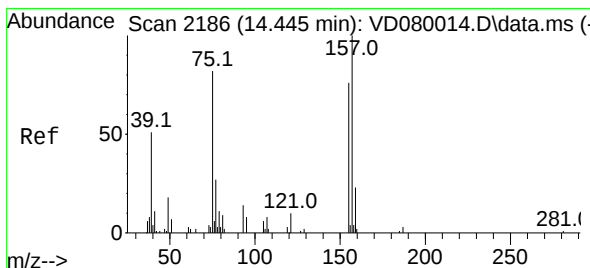
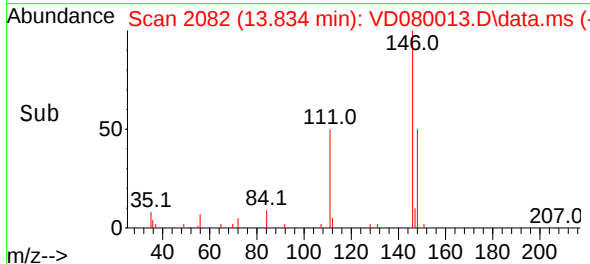
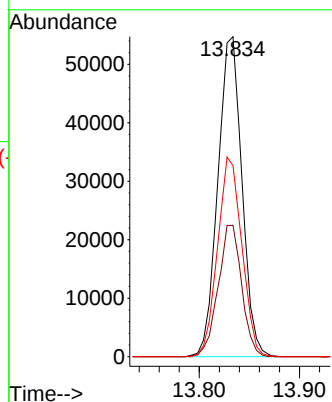


#91
1,2-Dichlorobenzene
Concen: 18.377 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Instrument :
MSVOA_D
ClientSampleId :

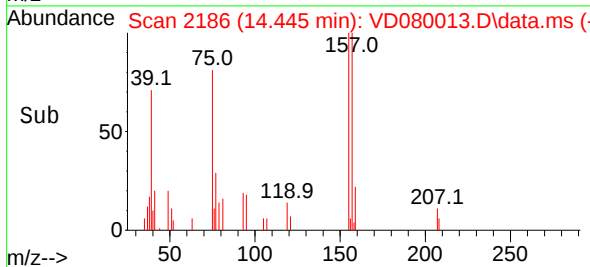
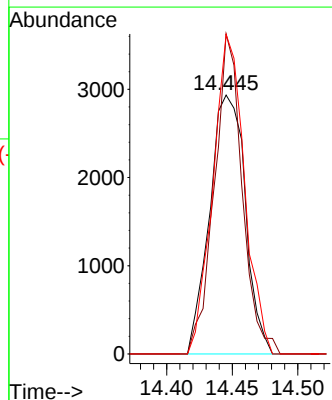
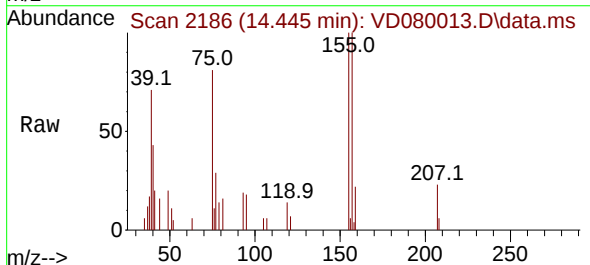


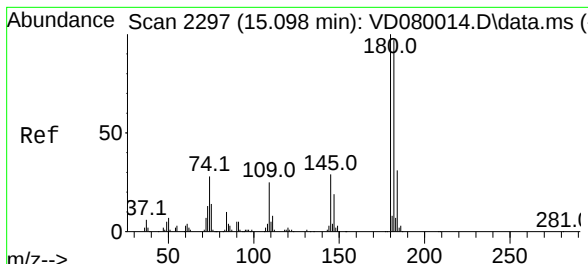
Tgt Ion:146 Resp: 91029
Ion Ratio Lower Upper
146 100
111 40.3 20.0 59.9
148 63.0 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.068 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Tgt Ion: 75 Resp: 5547
Ion Ratio Lower Upper
75 100
155 96.6 45.6 136.8
157 109.0 59.4 178.1

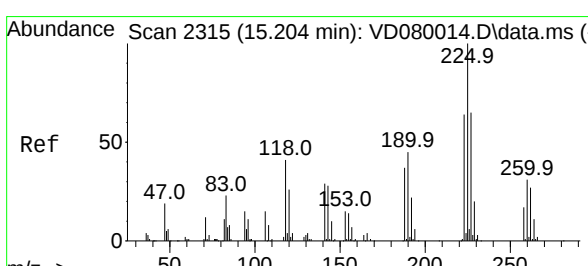
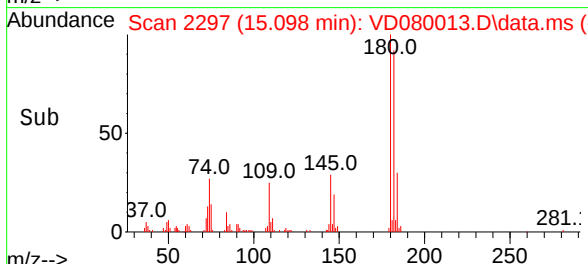
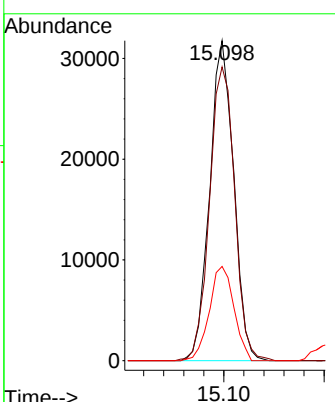
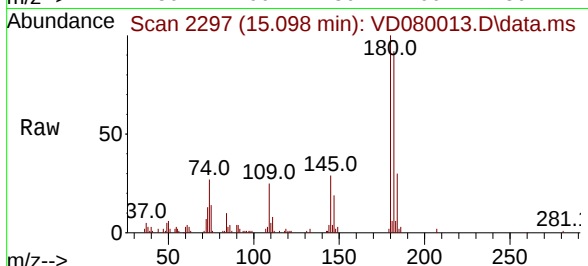




#93
 1,2,4-Trichlorobenzene
 Concen: 17.399 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD080013.D
 Acq: 14 Nov 2024 18:56

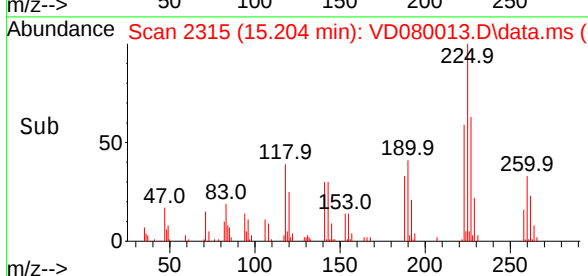
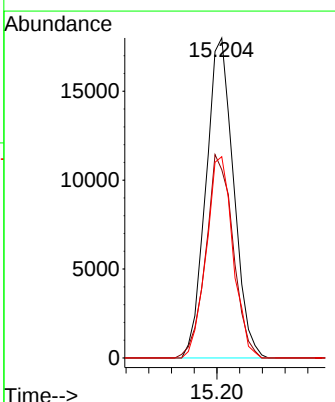
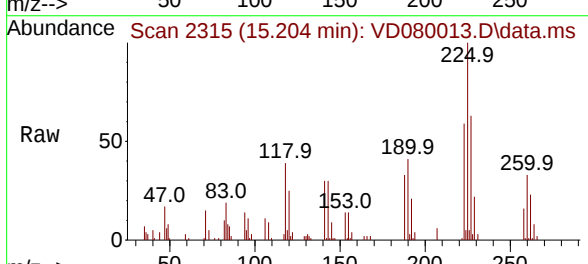
Instrument :
 MSVOA_D
 ClientSampleId :

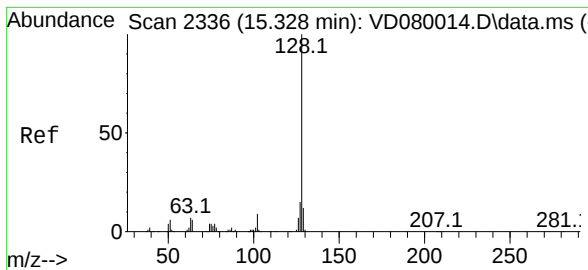
Tgt Ion:	180	Resp:	52828
Ion Ratio	Lower	Upper	
180	100		
182	95.9	46.9	140.6
145	30.2	14.4	43.4



#94
 Hexachlorobutadiene
 Concen: 18.199 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD080013.D
 Acq: 14 Nov 2024 18:56

Tgt Ion:	225	Resp:	30325
Ion Ratio	Lower	Upper	
225	100		
223	62.8	32.0	96.2
227	60.9	32.2	96.6

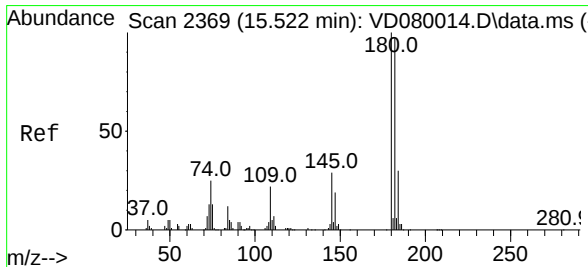
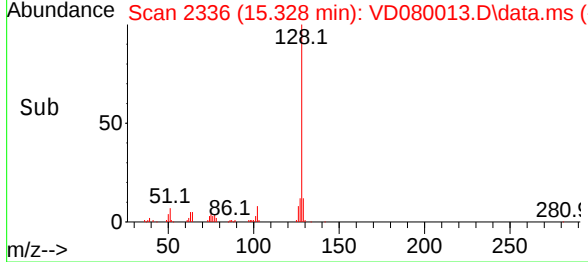
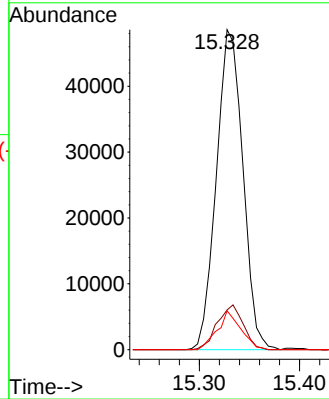
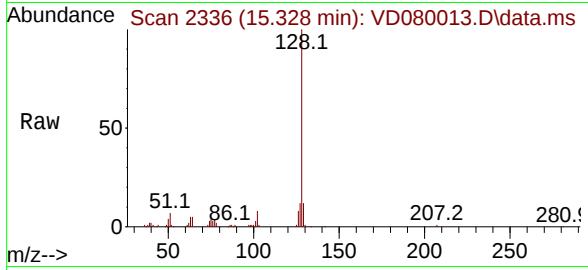




#95
Naphthalene
Concen: 17.447 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 89192
Ion Ratio Lower Upper
128 100
127 12.4 11.8 17.6
129 12.2 9.4 14.2



#96
1,2,3-Trichlorobenzene
Concen: 17.884 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD080013.D
Acq: 14 Nov 2024 18:56

Tgt Ion:180 Resp: 47228
Ion Ratio Lower Upper
180 100
182 96.5 47.3 142.0
145 31.5 15.4 46.2

