

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
 Data File : VD080014.D
 Acq On : 14 Nov 2024 19:22
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 15 05:56:02 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	203594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	307136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	286067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	153548	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.234	65	98786	47.333	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.660%
35) Dibromofluoromethane	7.810	113	103336	50.327	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.660%
50) Toluene-d8	10.269	98	395754	50.944	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.880%
62) 4-Bromofluorobenzene	12.575	95	133282	51.151	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	95399	56.365	ug/l	100
3) Chloromethane	2.146	50	68640	55.209	ug/l	100
4) Vinyl Chloride	2.287	62	82062	56.311	ug/l	100
5) Bromomethane	2.693	94	86551	49.023	ug/l	100
6) Chloroethane	2.840	64	57797	58.456	ug/l	100
7) Trichlorofluoromethane	3.175	101	191890	55.002	ug/l	100
8) Diethyl Ether	3.599	74	53508	55.492	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.975	101	116702	52.999	ug/l	100
10) Methyl Iodide	4.169	142	138709	58.026	ug/l	100
11) Tert butyl alcohol	5.052	59	27629	257.130	ug/l	100
12) 1,1-Dichloroethene	3.946	96	116273	55.029	ug/l	100
13) Acrolein	3.799	56	59183	300.967	ug/l	100
14) Allyl chloride	4.563	41	166537	58.135	ug/l	100
15) Acrylonitrile	5.252	53	115925	281.091	ug/l	100
16) Acetone	4.028	43	162927	256.001	ug/l	100
17) Carbon Disulfide	4.269	76	389298	55.921	ug/l	100
18) Methyl Acetate	4.569	43	54410	55.902	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	240796	56.856	ug/l	100
20) Methylene Chloride	4.805	84	136297	52.428	ug/l	100
21) trans-1,2-Dichloroethene	5.316	96	132838	56.114	ug/l	100
22) Diisopropyl ether	6.216	45	348707	57.873	ug/l	100
23) Vinyl Acetate	6.157	43	986672	291.263	ug/l	100
24) 1,1-Dichloroethane	6.116	63	219907	54.326	ug/l	100
25) 2-Butanone	7.081	43	182222	291.212	ug/l	100
26) 2,2-Dichloropropane	7.081	77	191212	52.815	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	149937	55.137	ug/l	100
28) Bromochloromethane	7.428	49	90226	49.697	ug/l	100
29) Tetrahydrofuran	7.446	42	89754	274.667	ug/l	100
30) Chloroform	7.599	83	236677	52.690	ug/l	100
31) Cyclohexane	7.881	56	183450	53.554	ug/l	100
32) 1,1,1-Trichloroethane	7.793	97	202158	53.917	ug/l	100
36) 1,1-Dichloropropene	8.010	75	168598	56.267	ug/l	100
37) Ethyl Acetate	7.175	43	65831	52.901	ug/l	100
38) Carbon Tetrachloride	7.999	117	175596	53.365	ug/l	100
39) Methylcyclohexane	9.275	83	198178	56.708	ug/l	100
40) Benzene	8.251	78	520262	56.205	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	34218	49.527	ug/l	100
42) 1,2-Dichloroethane	8.328	62	132004	54.436	ug/l	100
43) Isopropyl Acetate	8.363	43	123358	54.552	ug/l	100
44) Trichloroethene	9.028	130	130474	54.656	ug/l	100
45) 1,2-Dichloropropane	9.304	63	123960	56.274	ug/l	100
46) Dibromomethane	9.393	93	70822	54.705	ug/l	100
47) Bromodichloromethane	9.587	83	181086	55.800	ug/l	100
48) Methyl methacrylate	9.381	41	58637	58.018	ug/l	100
49) 1,4-Dioxane	9.387	88	13757	1115.309	ug/l	100
51) 4-Methyl-2-Pentanone	10.157	43	324338	284.613	ug/l	100
52) Toluene	10.334	92	333240	57.813	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	158093	56.187	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	191431	56.774	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	91309	52.822	ug/l	100
56) Ethyl methacrylate	10.598	69	114491	58.256	ug/l	100
57) 1,3-Dichloropropane	10.881	76	153189	54.818	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	184640	263.086	ug/l	100
59) 2-Hexanone	10.922	43	265697	303.822	ug/l	100
60) Dibromochloromethane	11.075	129	123658	54.015	ug/l	100
61) 1,2-Dibromoethane	11.181	107	87716	54.058	ug/l	100
64) Tetrachloroethene	10.810	164	117139	54.251	ug/l	100
65) Chlorobenzene	11.604	112	355230	54.200	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	128096	54.976	ug/l	100
67) Ethyl Benzene	11.681	91	626197	57.724	ug/l	100
68) m/p-Xylenes	11.792	106	498847	116.616	ug/l	100
69) o-Xylene	12.122	106	225557	58.063	ug/l	100
70) Styrene	12.134	104	400659	58.013	ug/l	100
71) Bromoform	12.298	173	71816	54.587	ug/l #	100
73) Isopropylbenzene	12.422	105	582614	57.759	ug/l	100
74) N-amyl acetate	12.234	43	119763	55.626	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.669	83	103619	53.130	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	131432	100.387	ug/l #	100
77) Bromobenzene	12.698	156	150049	56.495	ug/l	100
78) n-propylbenzene	12.763	91	725594	58.130	ug/l	100
79) 2-Chlorotoluene	12.845	91	417350	56.254	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	498642	58.445	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	37130	54.847	ug/l	100
82) 4-Chlorotoluene	12.945	91	445736	56.578	ug/l	100
83) tert-Butylbenzene	13.163	119	430772	58.512	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	507108	58.466	ug/l	100
85) sec-Butylbenzene	13.345	105	641879	58.207	ug/l	100
86) p-Isopropyltoluene	13.457	119	545762	58.333	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	299441	54.486	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	293078	52.968	ug/l	100
89) n-Butylbenzene	13.786	91	504535	58.009	ug/l	100
90) Hexachloroethane	14.051	117	111967	54.883	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	268206	55.826	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14909	50.070	ug/l	100
93) 1,2,4-Trichlorobenzene	15.098	180	161904	54.977	ug/l	100
94) Hexachlorobutadiene	15.204	225	88187	54.566	ug/l	100
95) Naphthalene	15.328	128	278279	56.123	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	143832	56.154	ug/l	100

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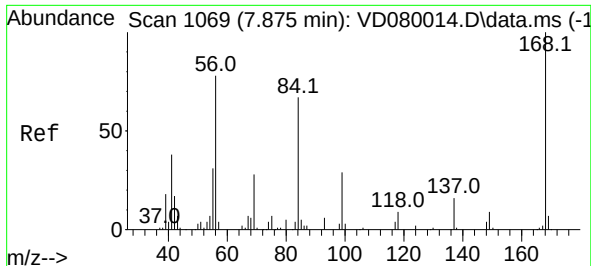
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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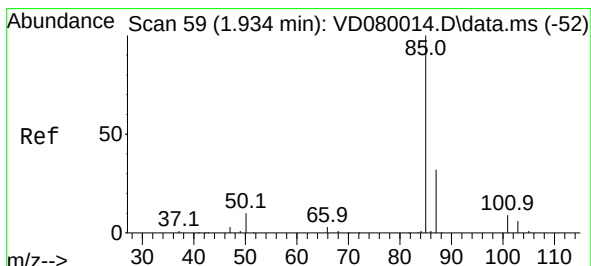
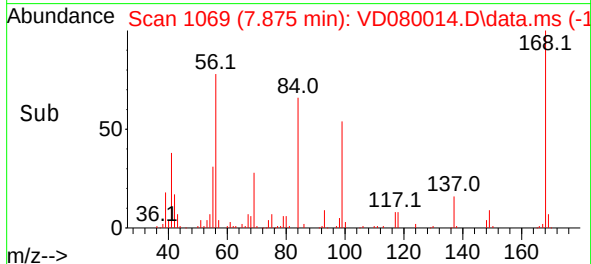
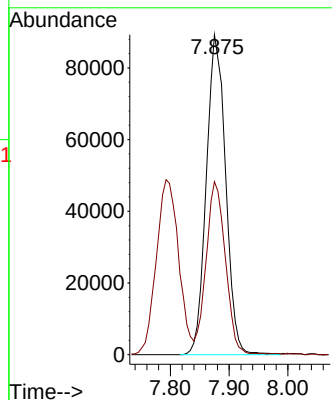
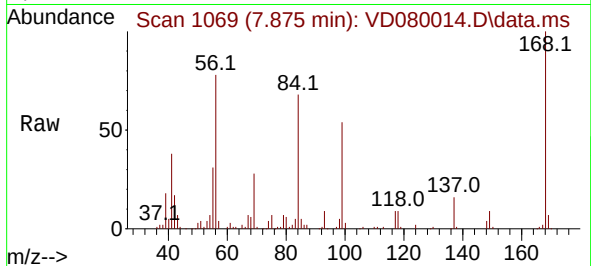




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080014.D
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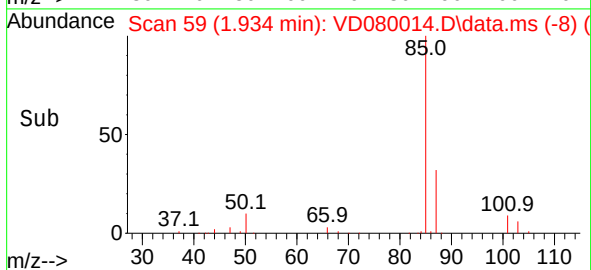
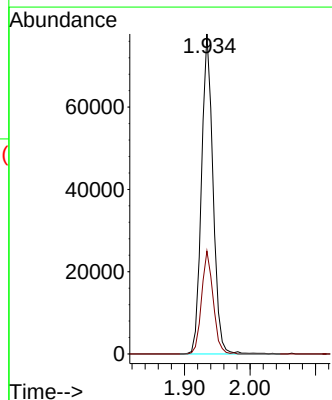
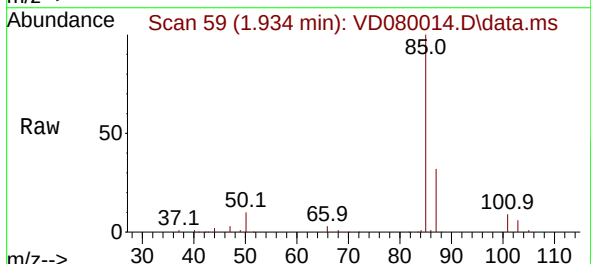
Instrument :
MSVOA_D
ClientSampleId :

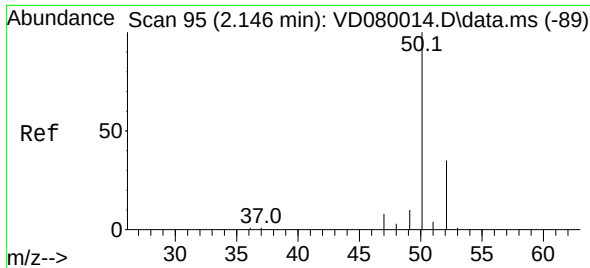
Tgt Ion:168 Resp: 203594
Ion Ratio Lower Upper
168 100
99 53.8 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 56.365 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

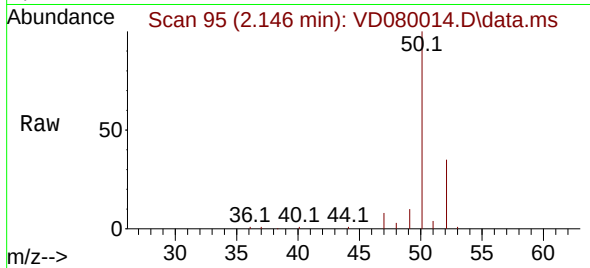
Tgt Ion: 85 Resp: 95399
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2



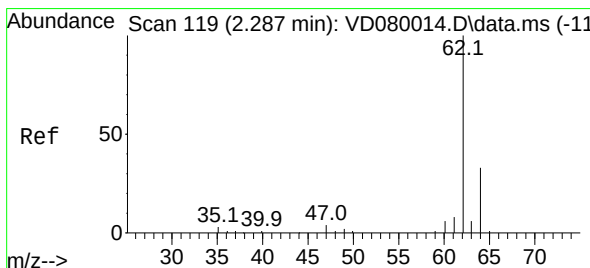
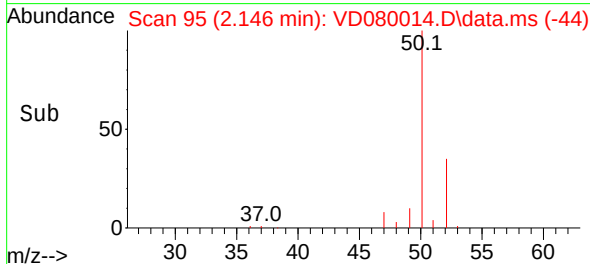
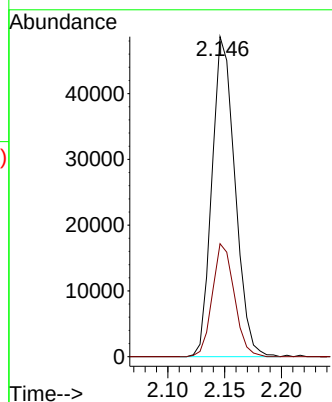


#3
Chloromethane
Concen: 55.209 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

Instrument :
MSVOA_D
ClientSampleId :

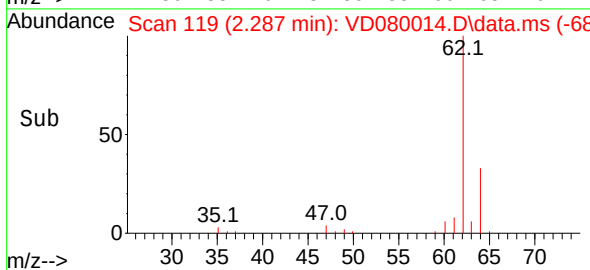
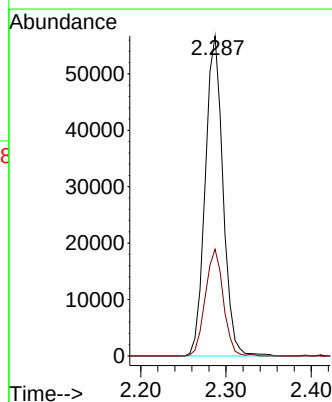
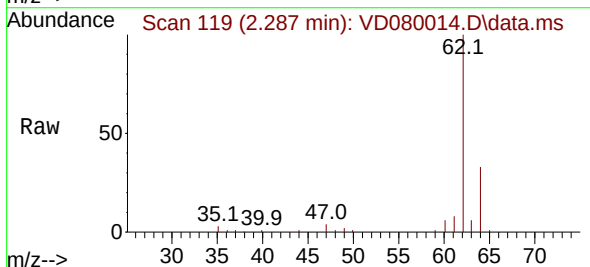


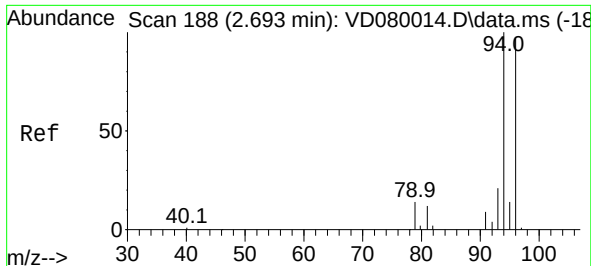
Tgt Ion: 50 Resp: 68640
Ion Ratio Lower Upper
50 100
52 35.3 28.2 42.4



#4
Vinyl Chloride
Concen: 56.311 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

Tgt Ion: 62 Resp: 82062
Ion Ratio Lower Upper
62 100
64 33.4 26.7 40.1

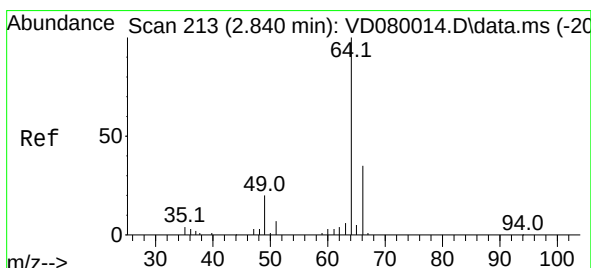
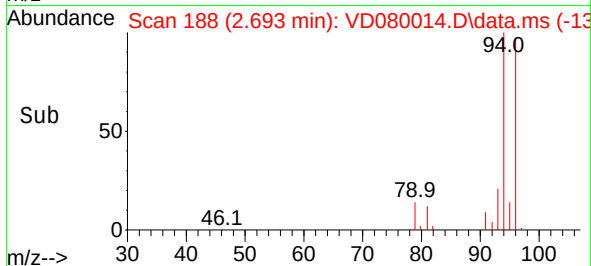
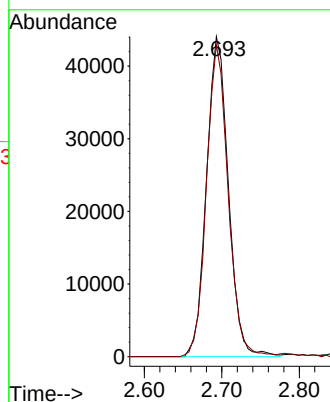
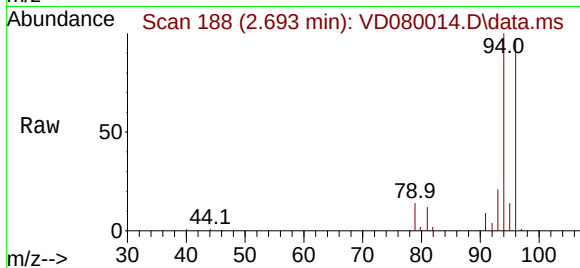




#5
Bromomethane
Concen: 49.023 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

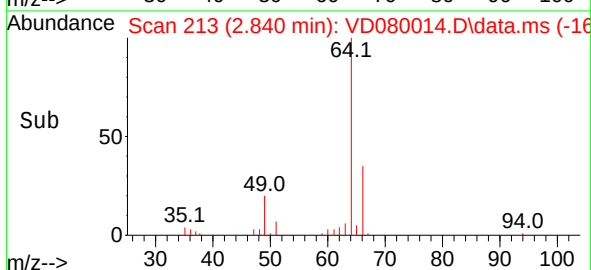
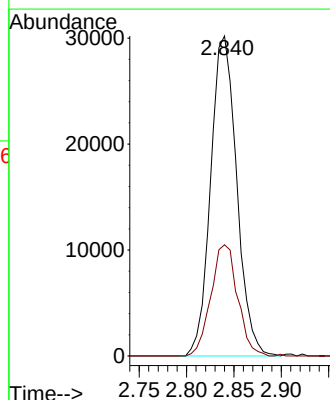
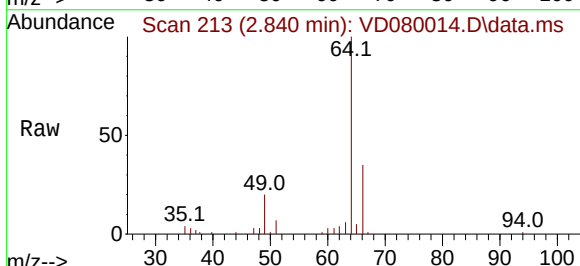
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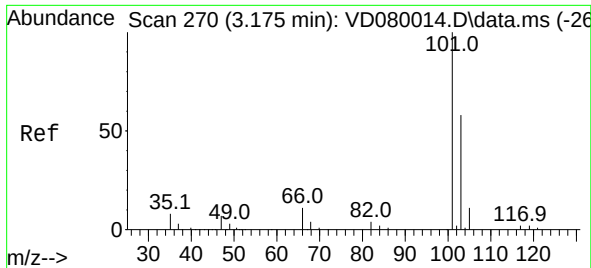
Tgt Ion: 94 Resp: 86551
Ion Ratio Lower Upper
94 100
96 96.3 77.0 115.6



#6
Chloroethane
Concen: 58.456 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

Tgt Ion: 64 Resp: 57797
Ion Ratio Lower Upper
64 100
66 34.7 27.8 41.6

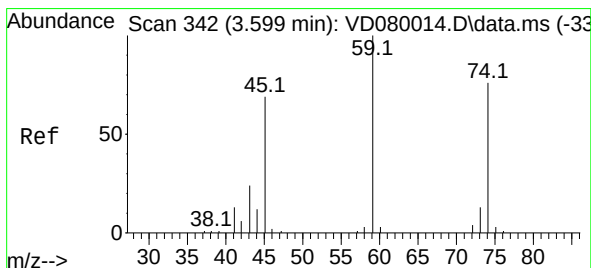
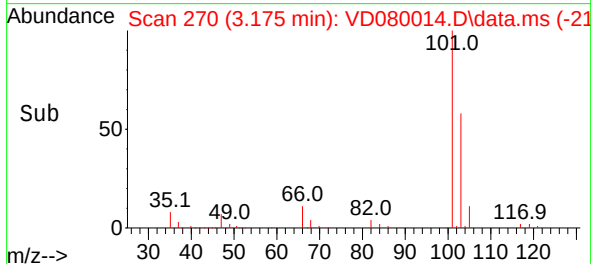
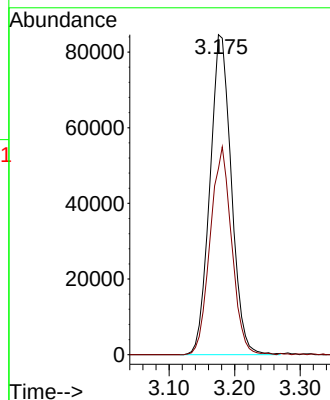
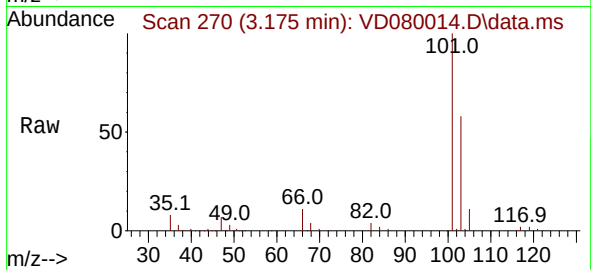




#7
Trichlorofluoromethane
Concen: 55.002 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

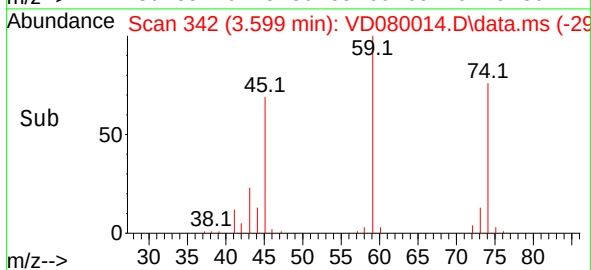
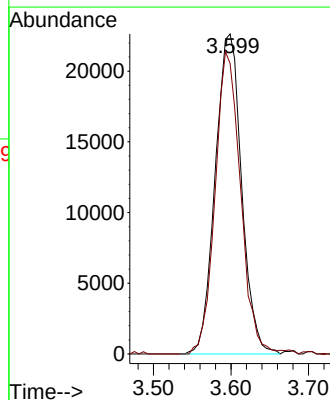
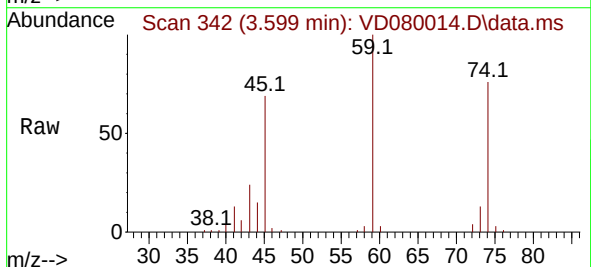
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MSVOA_D
ClientSampleId :

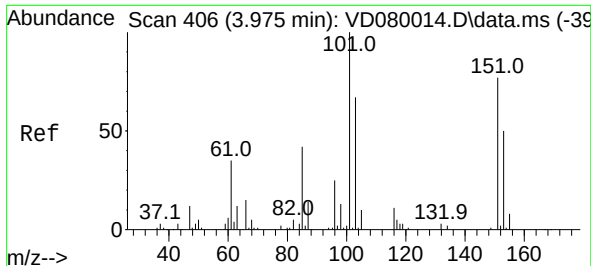
Tgt Ion:101 Resp: 191890
Ion Ratio Lower Upper
101 100
103 58.1 46.5 69.7



#8
Diethyl Ether
Concen: 55.492 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

Tgt Ion: 74 Resp: 53508
Ion Ratio Lower Upper
74 100
45 91.4 45.7 137.1

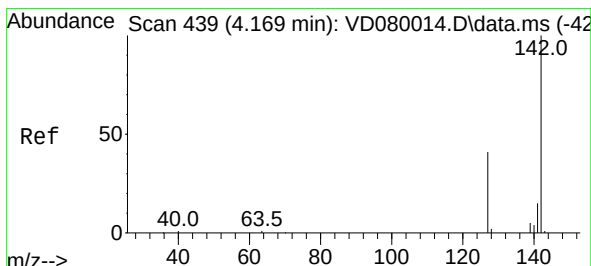
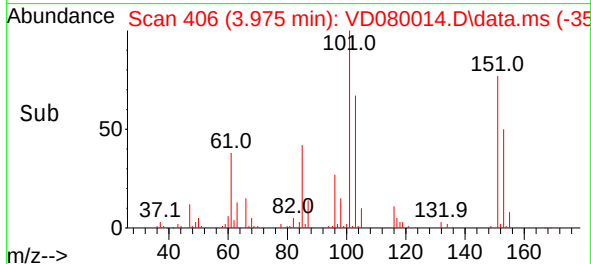
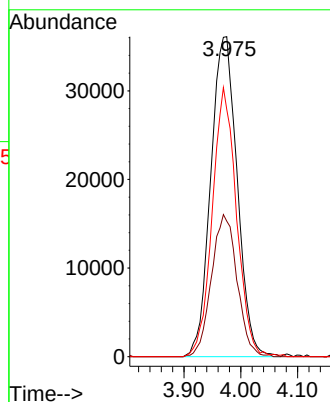
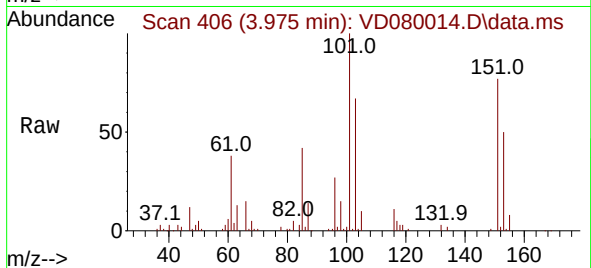




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.999 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD080014.D
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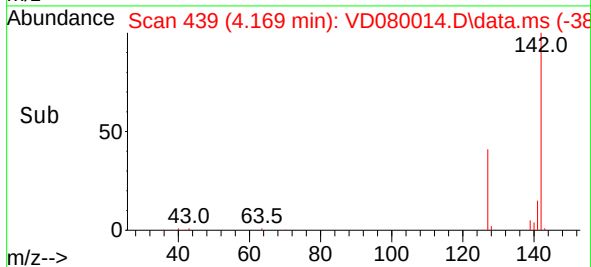
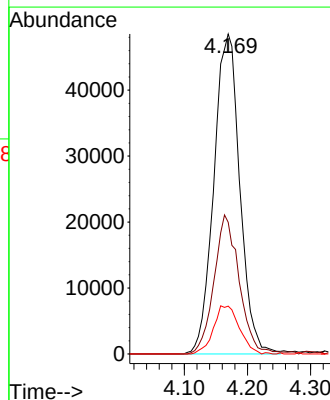
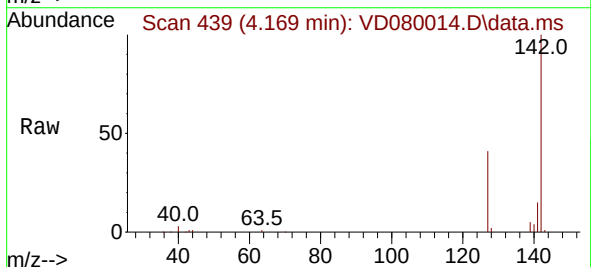
Instrument :
MSVOA_D
ClientSampleId :

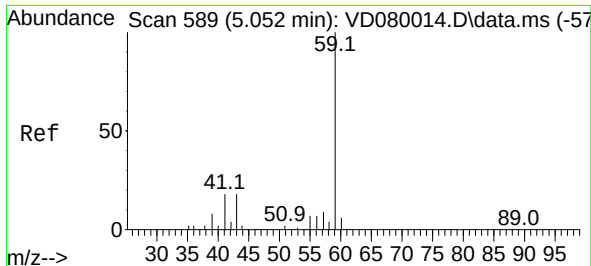
Tgt Ion:101 Resp: 116702
Ion Ratio Lower Upper
101 100
85 43.1 34.5 51.7
151 77.2 61.8 92.6



#10
Methyl Iodide
Concen: 58.026 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

Tgt Ion:142 Resp: 138709
Ion Ratio Lower Upper
142 100
127 42.1 33.7 50.5
141 15.0 12.0 18.0





#11

Tert butyl alcohol

Concen: 257.130 ug/l

RT: 5.052 min Scan# 51

Delta R.T. -0.000 min MSVOA_D

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_D

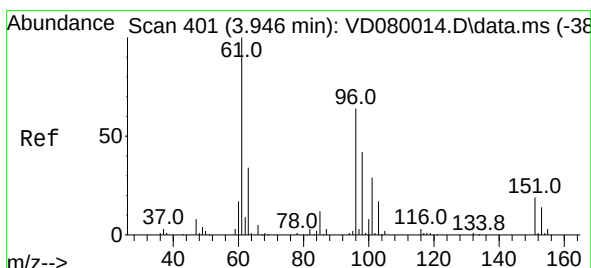
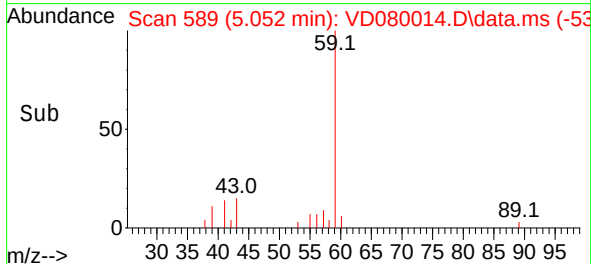
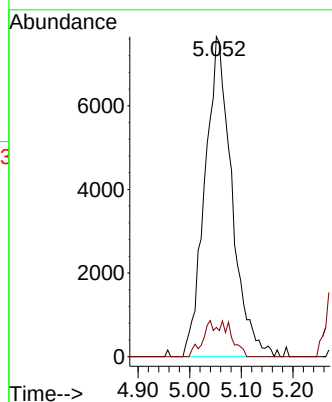
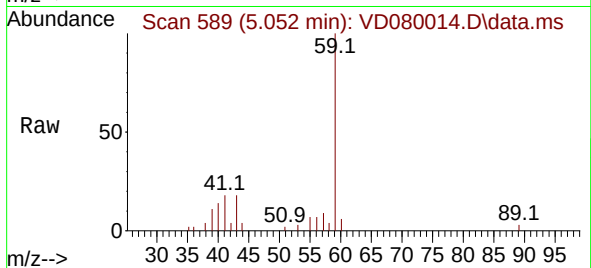
ClientSampleId :

Tgt Ion: 59 Resp: 27629

Ion Ratio Lower Upper

59 100

57 6.3 5.0 7.6



#12

1,1-Dichloroethene

Concen: 55.029 ug/l

RT: 3.946 min Scan# 401

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

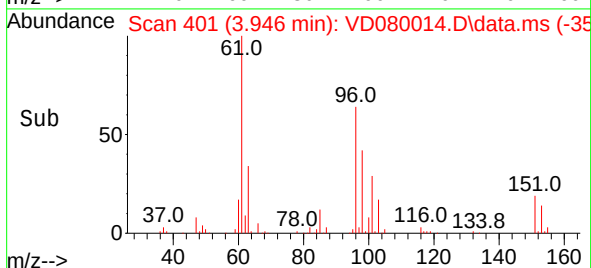
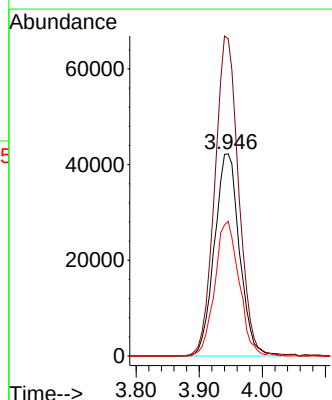
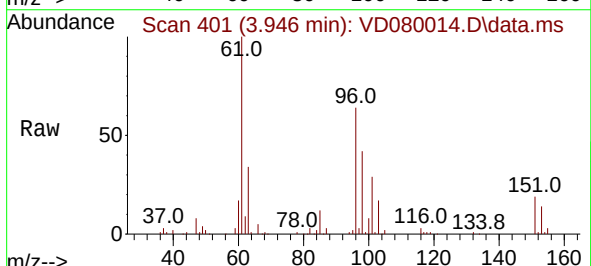
Tgt Ion: 96 Resp: 116273

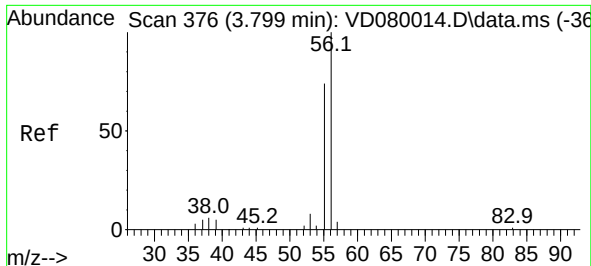
Ion Ratio Lower Upper

96 100

61 156.9 125.5 188.3

98 66.6 53.3 79.9

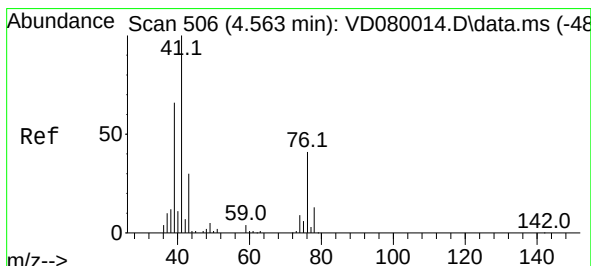
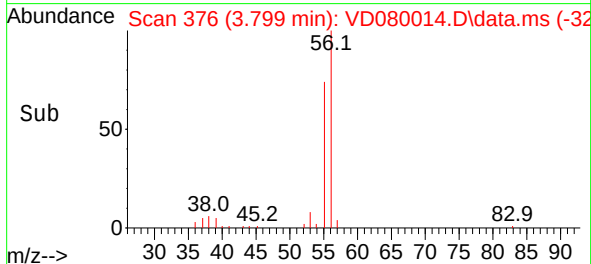
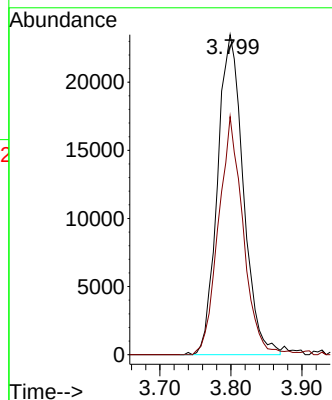
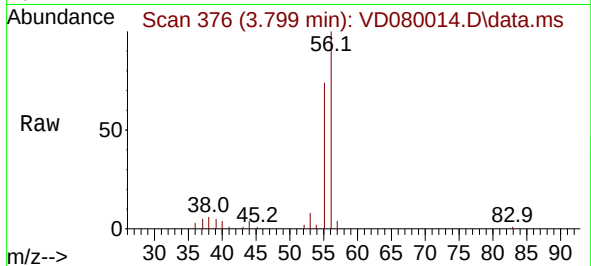




#13
Acrolein
Concen: 300.967 ug/l
RT: 3.799 min Scan# 376
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

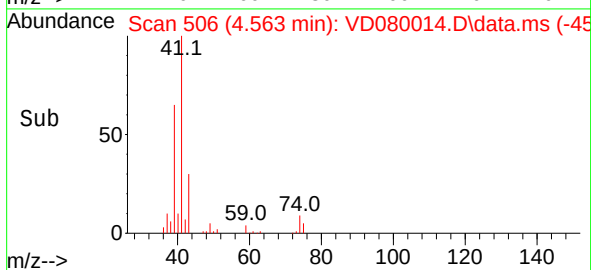
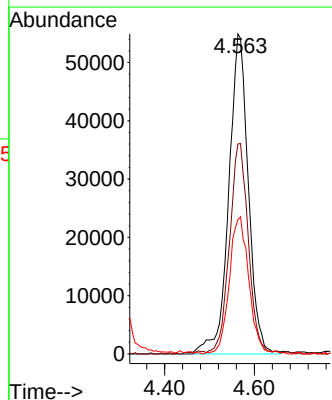
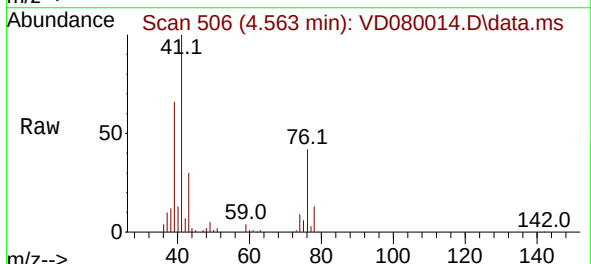
Instrument :
MSVOA_D
ClientSampleId :

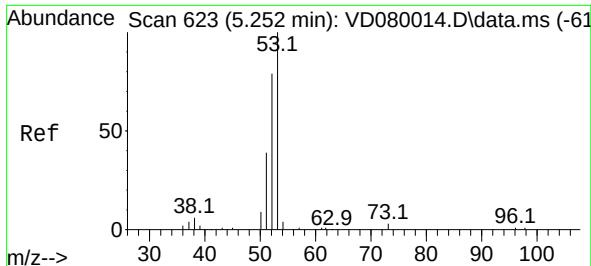
Tgt Ion: 56 Resp: 59183
Ion Ratio Lower Upper
56 100
55 71.2 57.0 85.4



#14
Allyl chloride
Concen: 58.135 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

Tgt Ion: 41 Resp: 166537
Ion Ratio Lower Upper
41 100
39 62.3 49.8 74.8
76 42.6 34.1 51.1

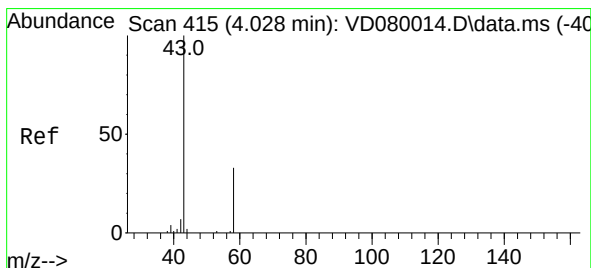
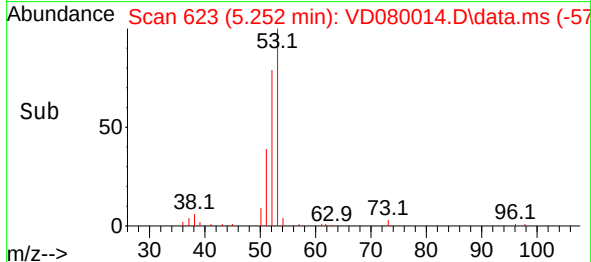
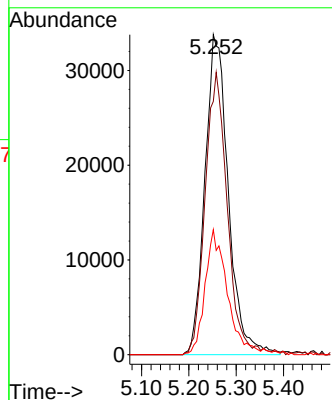
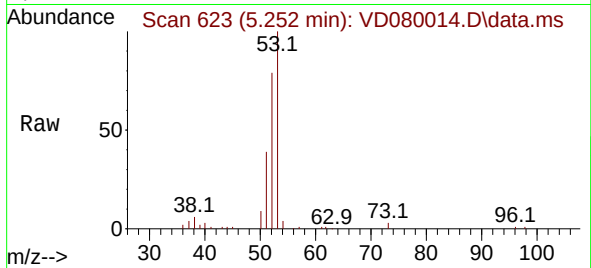




#15
Acrylonitrile
Concen: 281.091 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

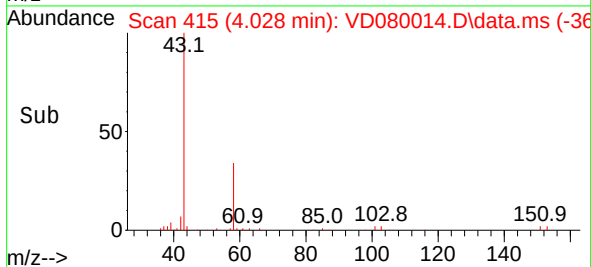
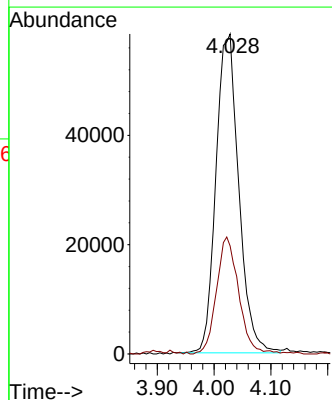
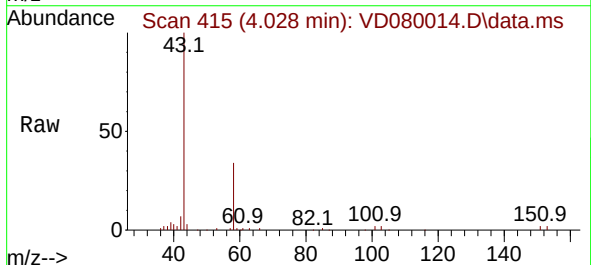
Instrument :
MSVOA_D
ClientSampleId :

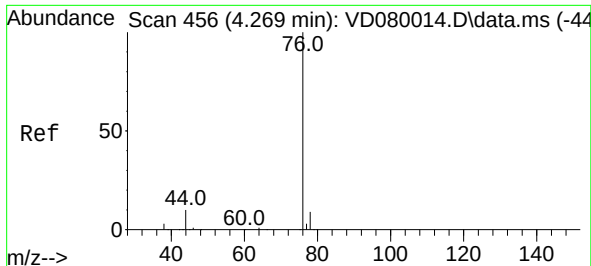
Tgt Ion: 53 Resp: 115925
Ion Ratio Lower Upper
53 100
52 83.7 67.0 100.4
51 37.1 29.7 44.5



#16
Acetone
Concen: 256.001 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

Tgt Ion: 43 Resp: 162927
Ion Ratio Lower Upper
43 100
58 33.6 26.9 40.3





#17

Carbon Disulfide

Concen: 55.921 ug/l

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_D

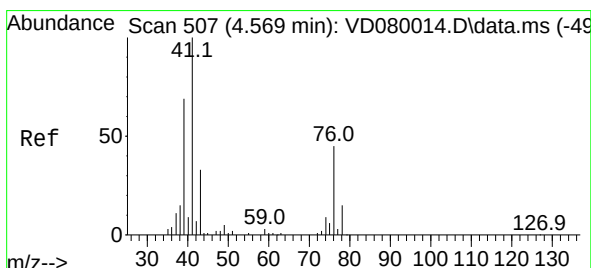
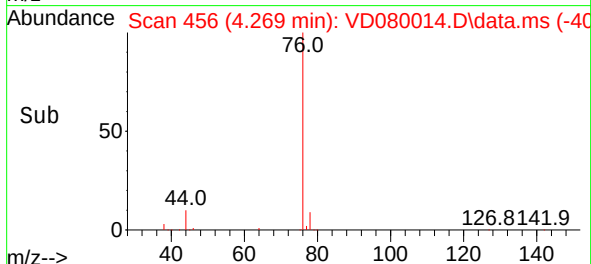
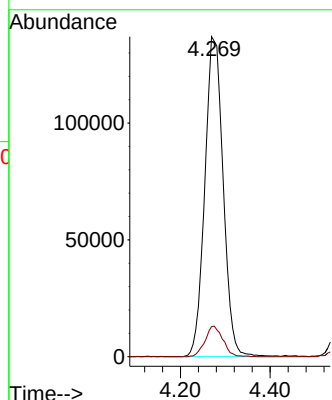
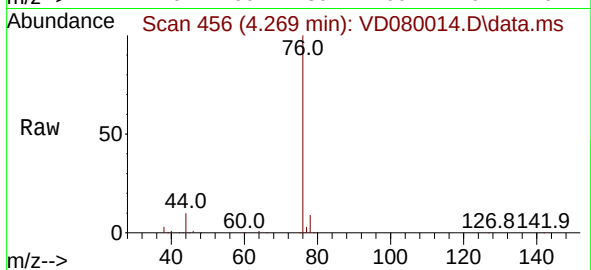
ClientSampleId :

Tgt Ion: 76 Resp: 389298

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3



#18

Methyl Acetate

Concen: 55.902 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.000 min

Lab File: VD080014.D

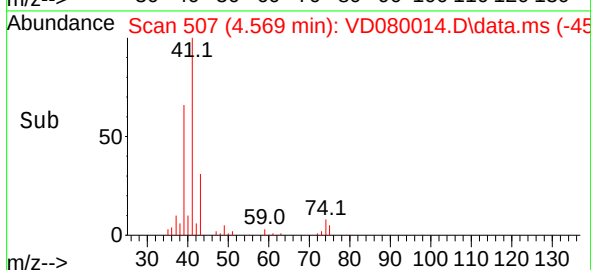
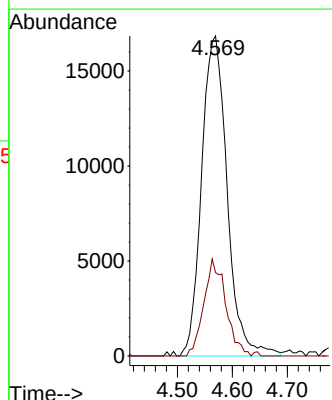
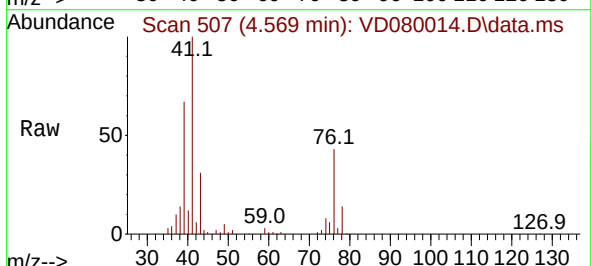
Acq: 14 Nov 2024 19:22

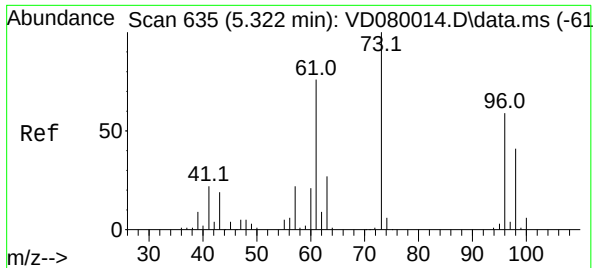
Tgt Ion: 43 Resp: 54410

Ion Ratio Lower Upper

43 100

74 26.0 20.8 31.2





#19

Methyl tert-butyl Ether

Concen: 56.856 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_D

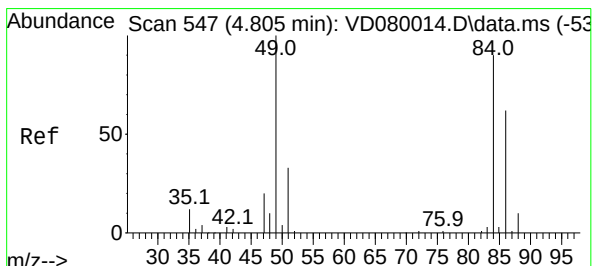
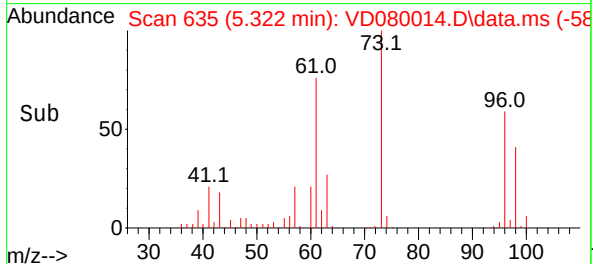
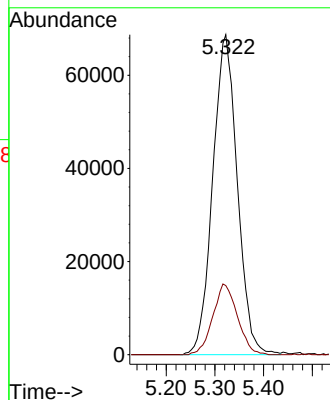
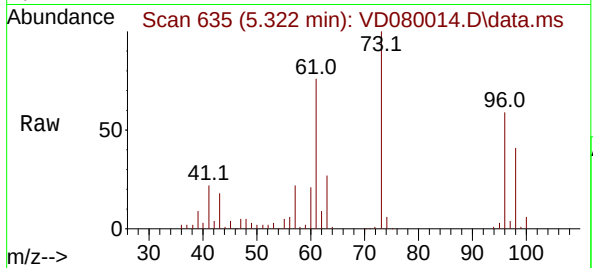
ClientSampleId :

Tgt Ion: 73 Resp: 240796

Ion Ratio Lower Upper

73 100

57 21.6 17.3 25.9



#20

Methylene Chloride

Concen: 52.428 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Tgt Ion: 84 Resp: 136297

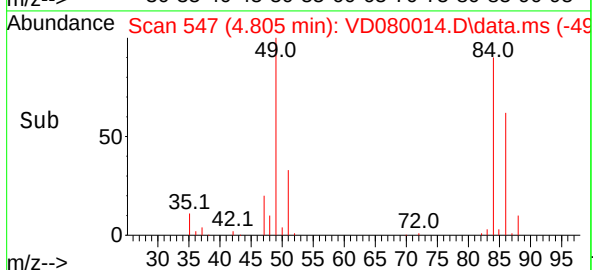
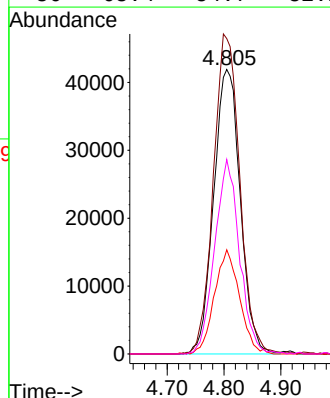
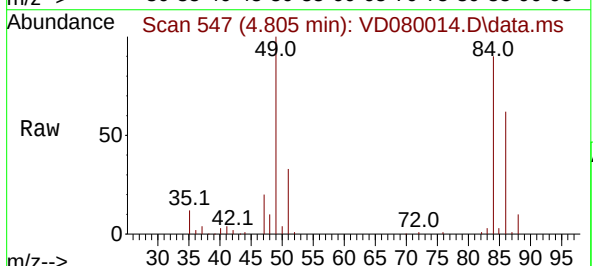
Ion Ratio Lower Upper

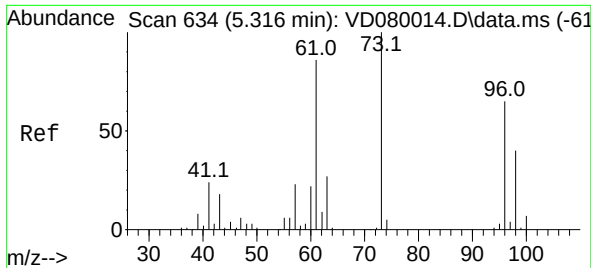
84 100

49 110.9 88.7 133.1

51 36.6 29.3 43.9

86 68.4 54.7 82.1

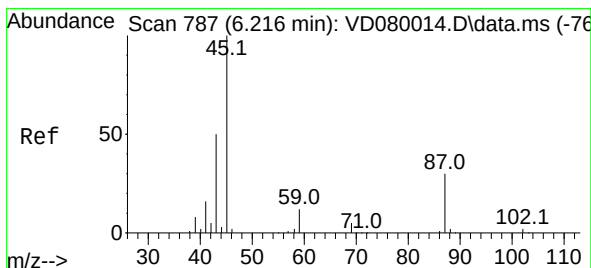
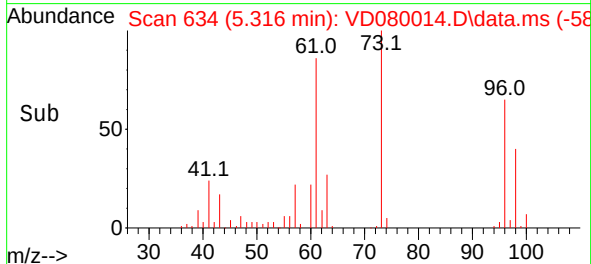
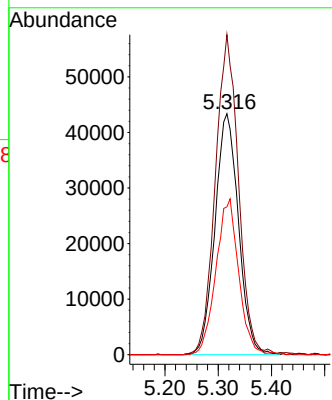
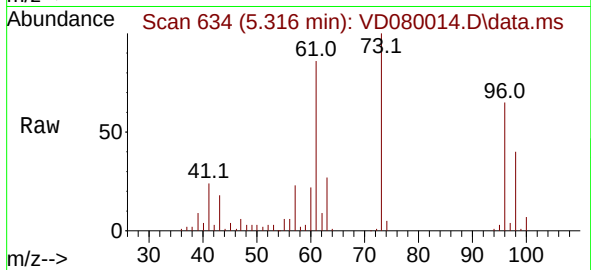




#21
trans-1,2-Dichloroethene
Concen: 56.114 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

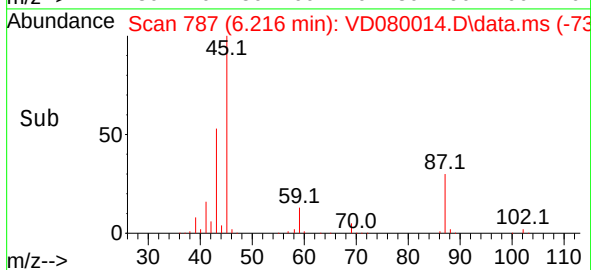
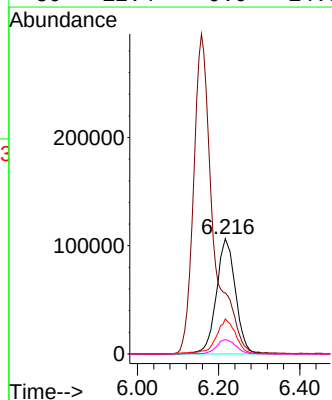
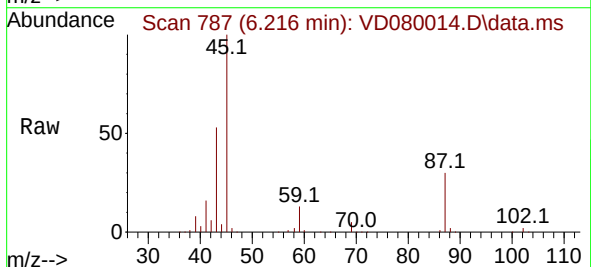
Instrument :
MSVOA_D
ClientSampleId :

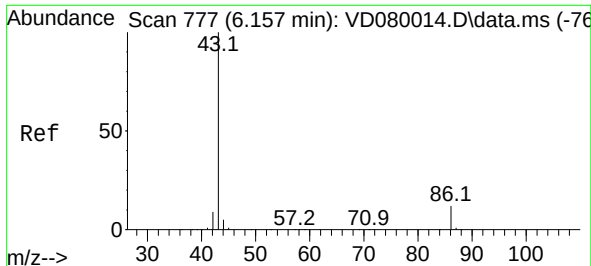
Tgt Ion: 96 Resp: 132838
Ion Ratio Lower Upper
96 100
61 132.8 106.2 159.4
98 61.4 49.1 73.7



#22
Diisopropyl ether
Concen: 57.873 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

Tgt Ion: 45 Resp: 348707
Ion Ratio Lower Upper
45 100
43 52.1 41.7 62.5
87 30.4 24.3 36.5
59 12.4 9.9 14.9





#23

Vinyl Acetate

Concen: 291.263 ug/l

RT: 6.157 min Scan# 777

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_D

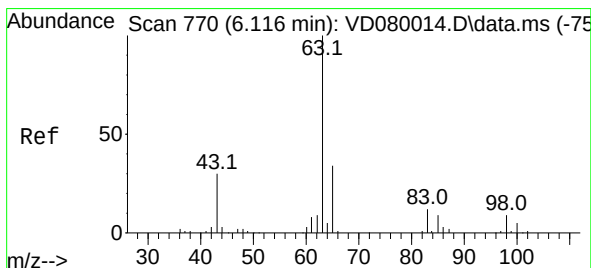
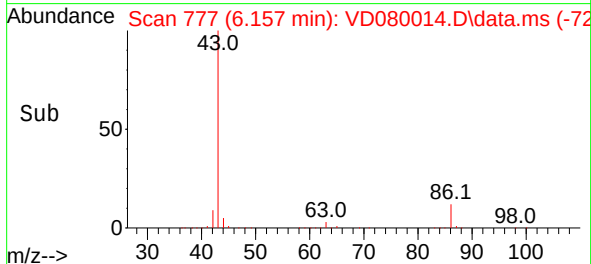
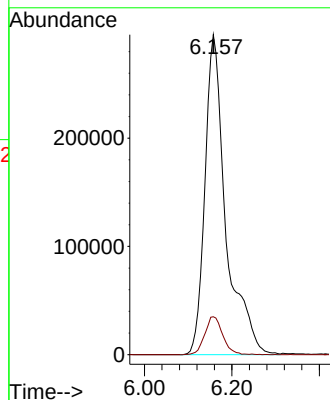
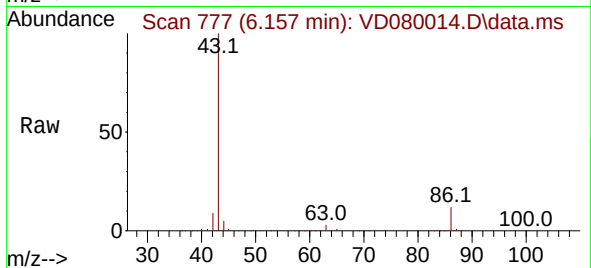
ClientSampleId :

Tgt Ion: 43 Resp: 986672

Ion Ratio Lower Upper

43 100

86 11.9 9.5 14.3



#24

1,1-Dichloroethane

Concen: 54.326 ug/l

RT: 6.116 min Scan# 770

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

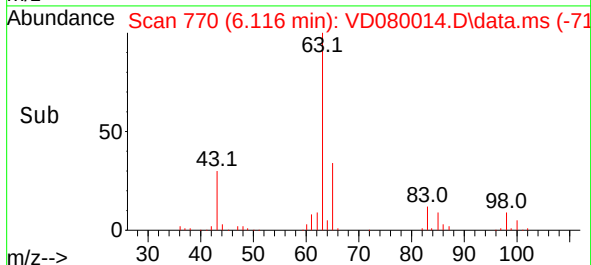
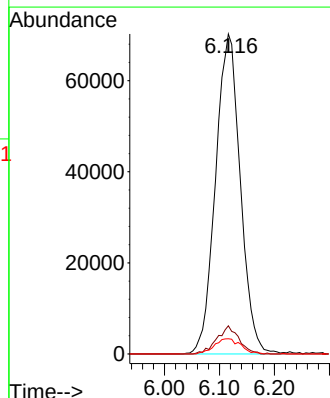
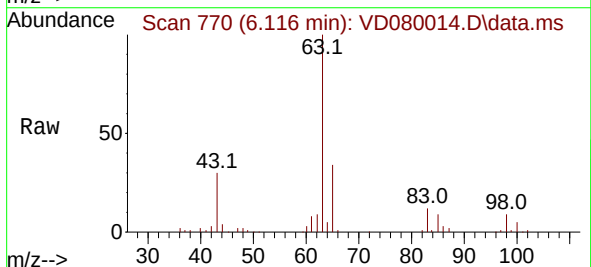
Tgt Ion: 63 Resp: 219907

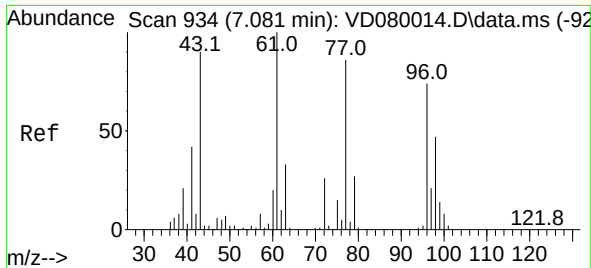
Ion Ratio Lower Upper

63 100

98 8.8 4.4 13.2

100 4.8 2.4 7.2

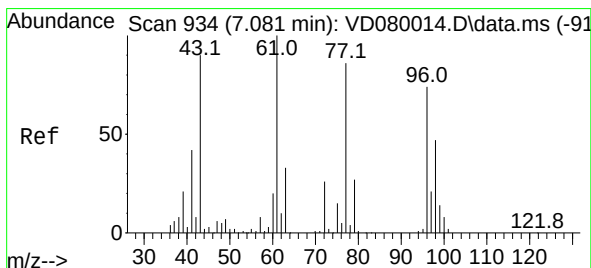
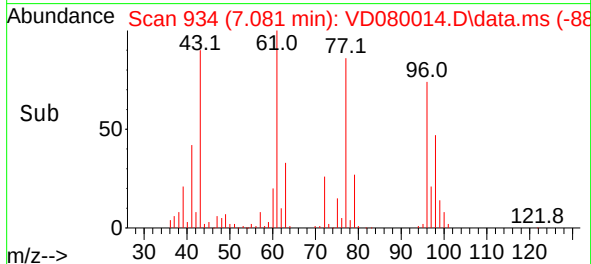
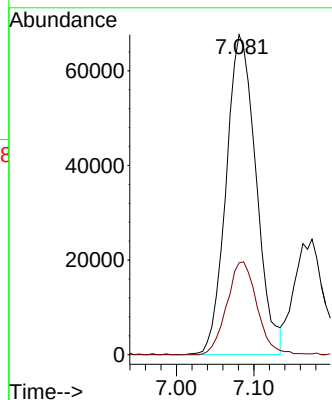
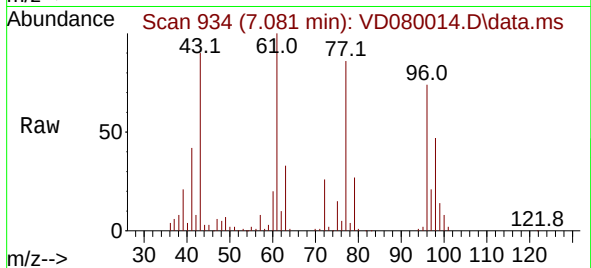




#25
2-Butanone
Concen: 291.212 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

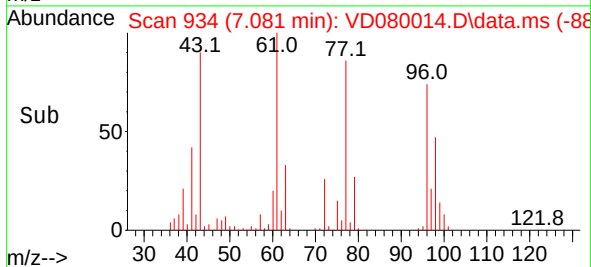
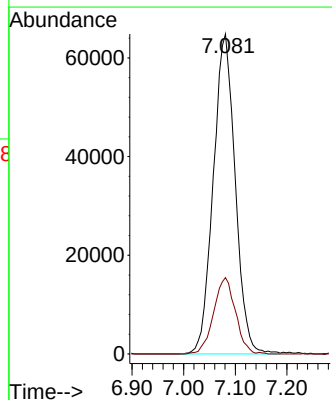
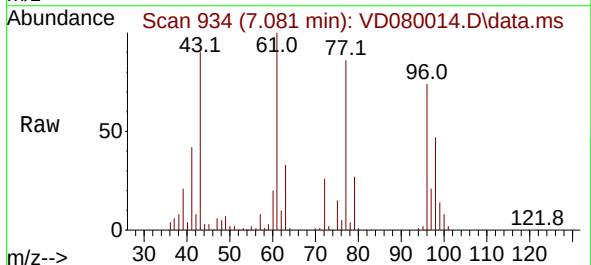
Instrument :
MSVOA_D
ClientSampleId :

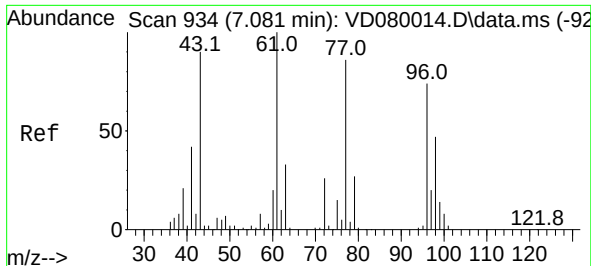
Tgt Ion: 43 Resp: 182222
Ion Ratio Lower Upper
43 100
72 28.7 23.0 34.4



#26
2,2-Dichloropropane
Concen: 52.815 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

Tgt Ion: 77 Resp: 191212
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 55.137 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_D

ClientSampleId :

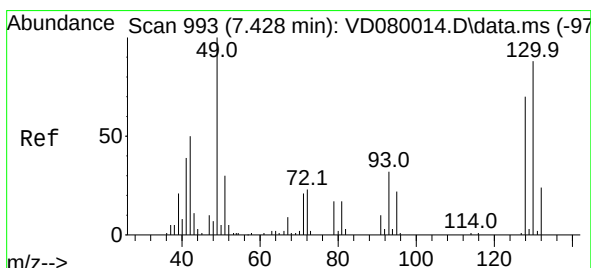
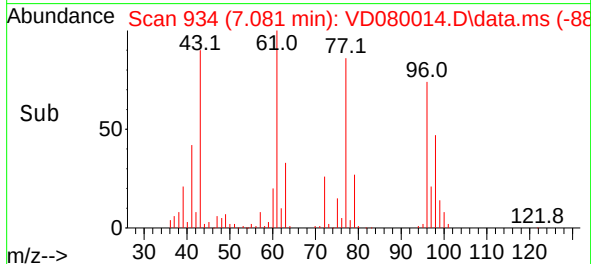
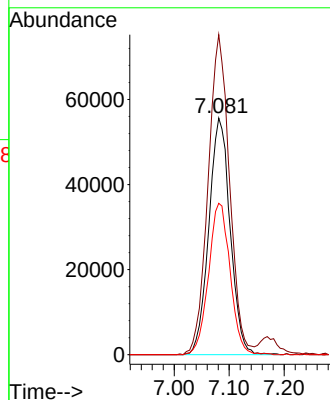
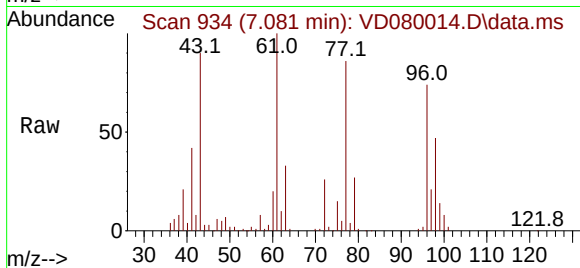
Tgt Ion: 96 Resp: 149937

Ion Ratio Lower Upper

96 100

61 136.2 0.0 272.4

98 64.8 0.0 129.6



#28

Bromochloromethane

Concen: 49.697 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

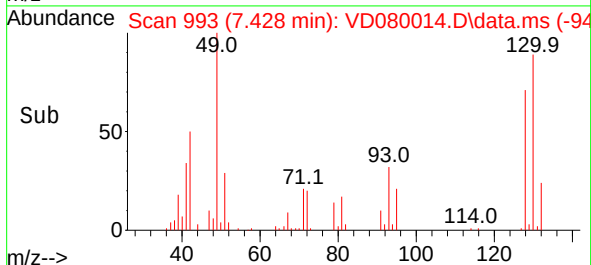
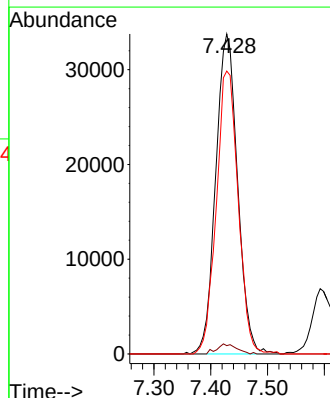
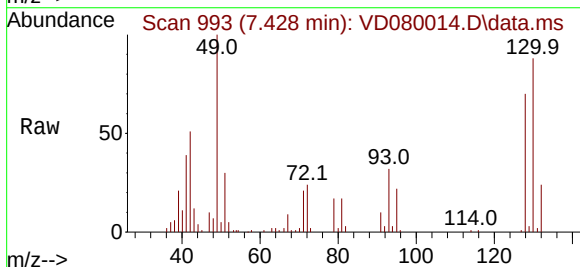
Tgt Ion: 49 Resp: 90226

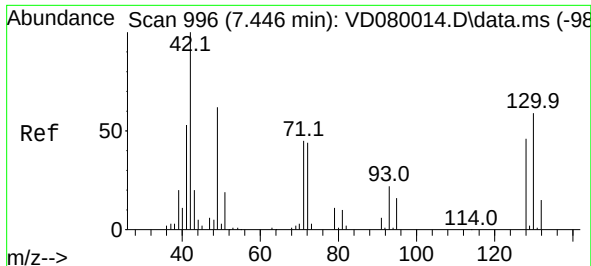
Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.6

130 88.2 70.6 105.8





#29

Tetrahydrofuran

Concen: 274.667 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_D

ClientSampleId :

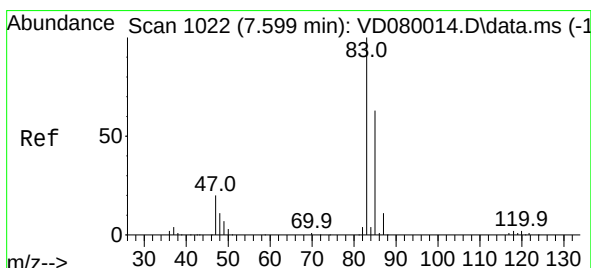
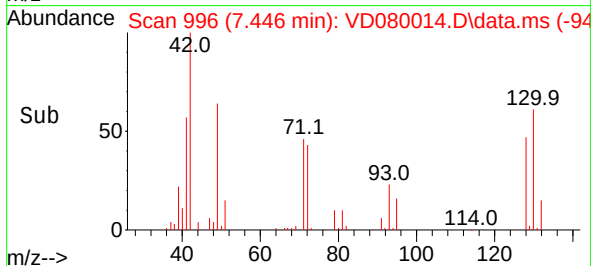
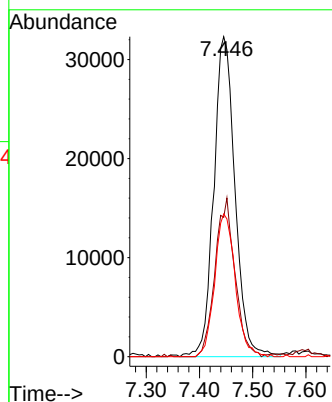
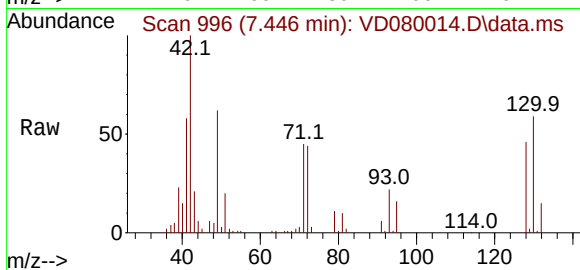
Tgt Ion: 42 Resp: 89754

Ion Ratio Lower Upper

42 100

72 46.3 37.0 55.6

71 43.4 34.7 52.1



#30

Chloroform

Concen: 52.690 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD080014.D

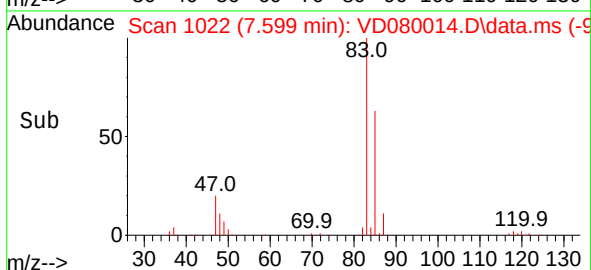
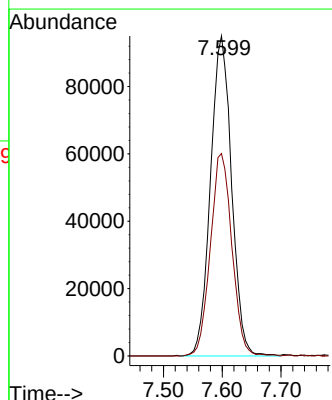
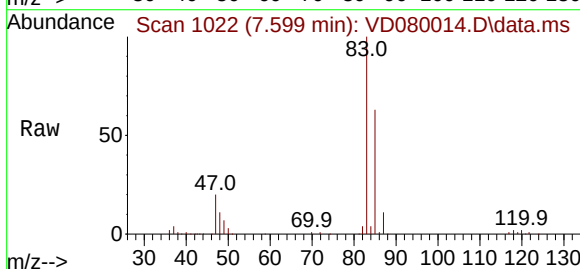
Acq: 14 Nov 2024 19:22

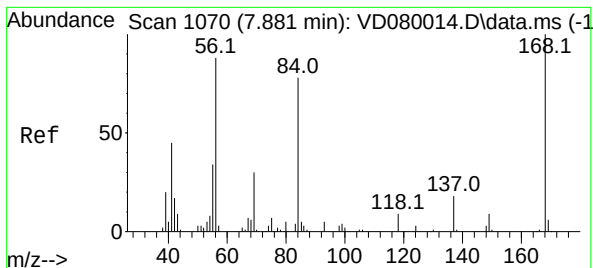
Tgt Ion: 83 Resp: 236677

Ion Ratio Lower Upper

83 100

85 63.2 50.6 75.8





#31

Cyclohexane

Concen: 53.554 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_D

ClientSampleId :

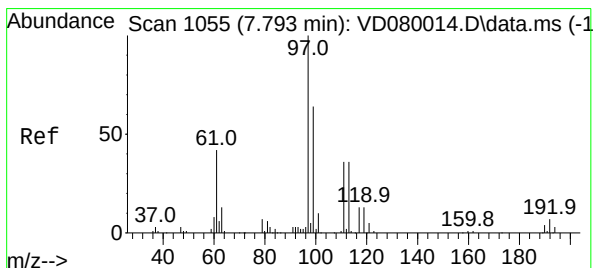
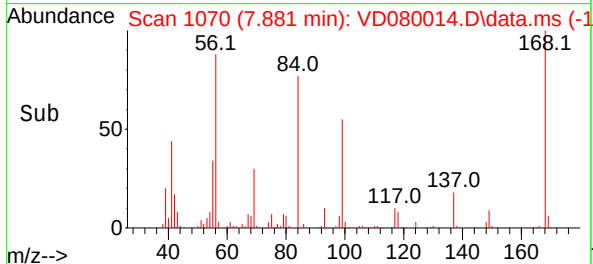
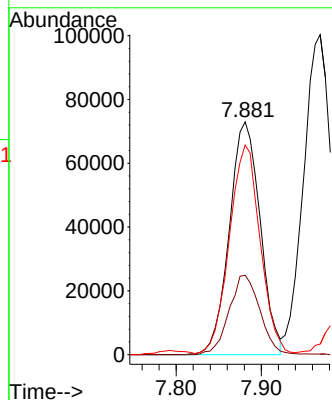
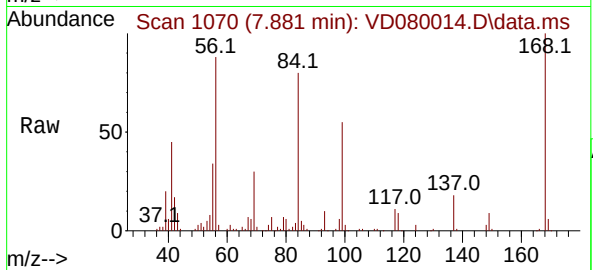
Tgt Ion: 56 Resp: 183450

Ion Ratio Lower Upper

56 100

69 34.2 27.4 41.0

84 88.7 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 53.917 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

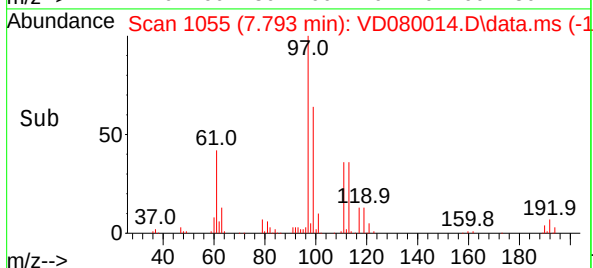
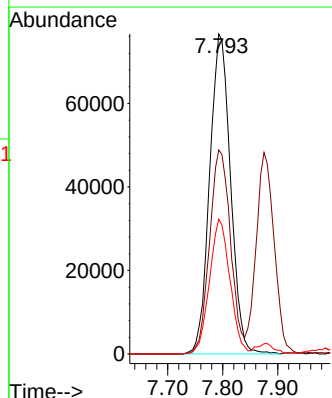
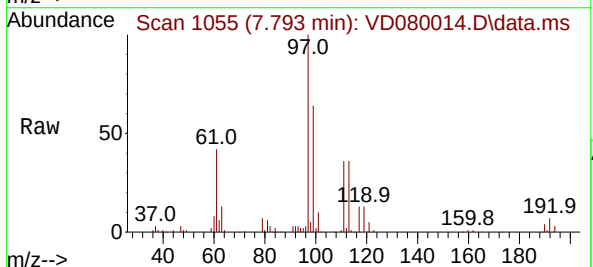
Tgt Ion: 97 Resp: 202158

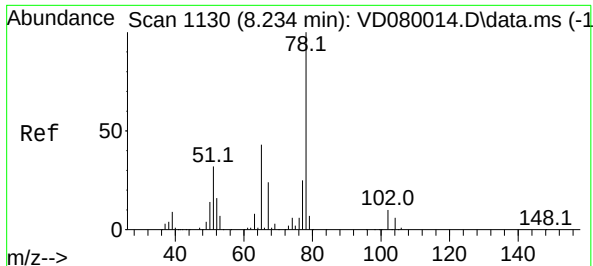
Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

61 41.3 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 47.333 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_D

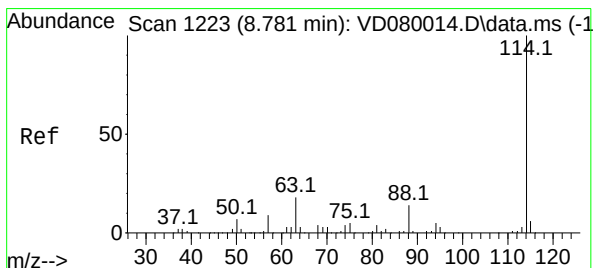
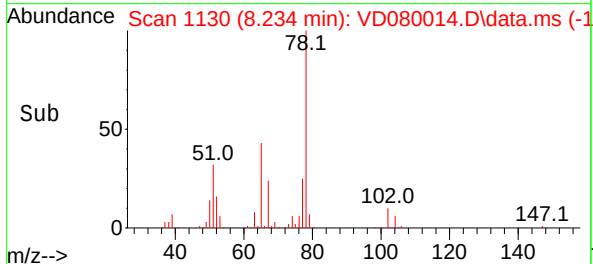
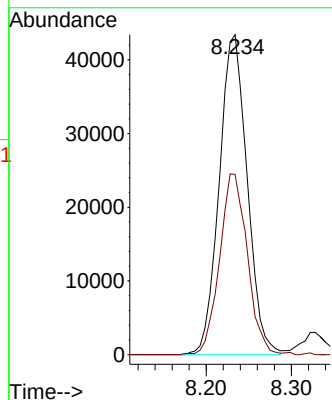
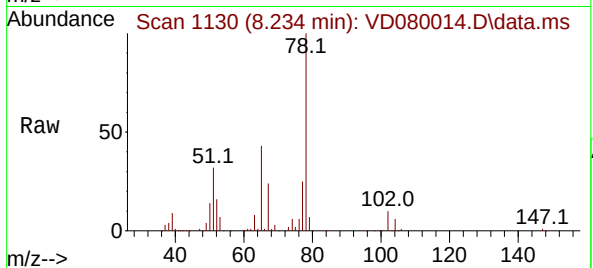
ClientSampleId :

Tgt Ion: 65 Resp: 98786

Ion Ratio Lower Upper

65 100

67 56.2 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: VD080014.D

Acq: 14 Nov 2024 19:22

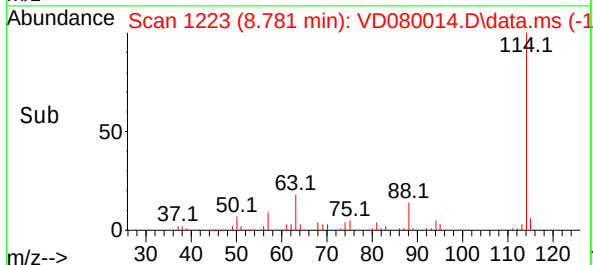
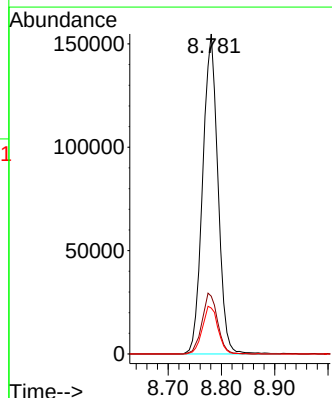
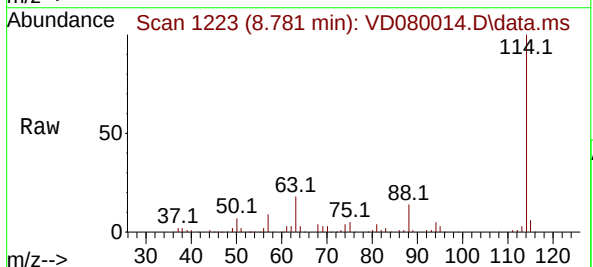
Tgt Ion: 114 Resp: 307136

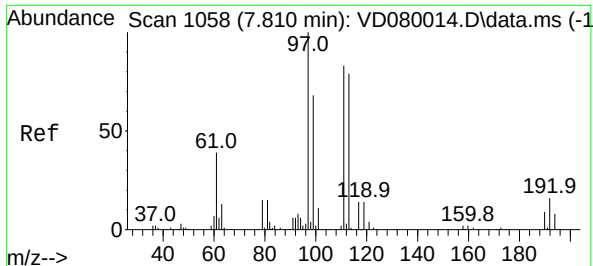
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.2

88 14.3 0.0 28.6





#35

Dibromofluoromethane

Concen: 50.327 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_D

ClientSampleId :

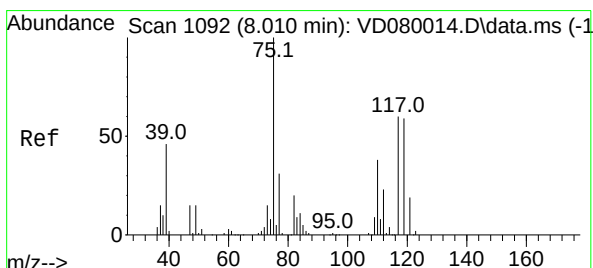
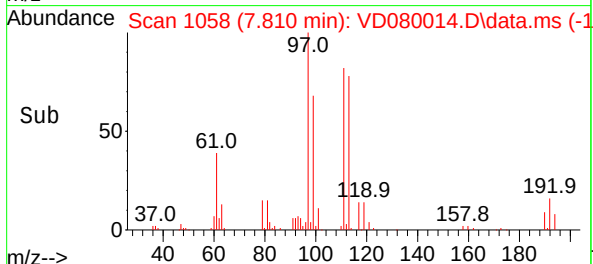
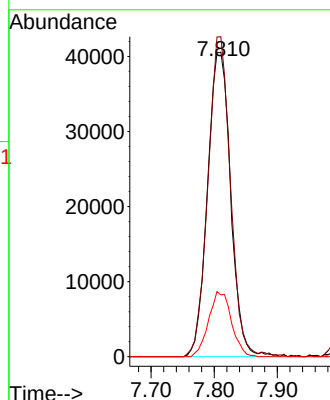
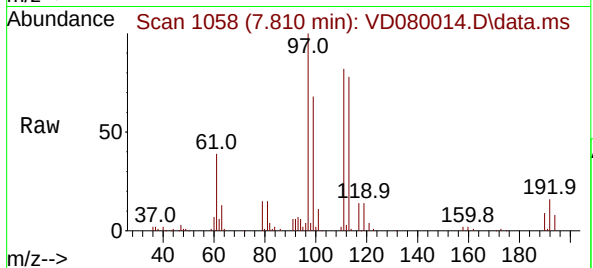
Tgt Ion:113 Resp: 103336

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.6

192 21.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 56.267 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

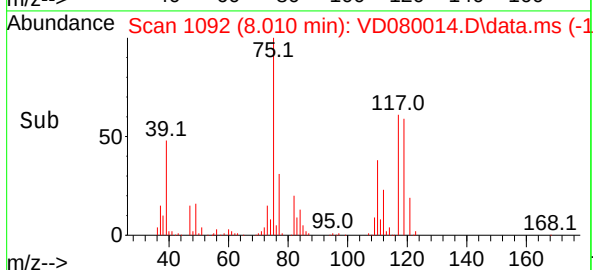
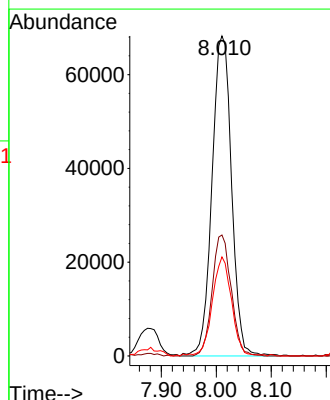
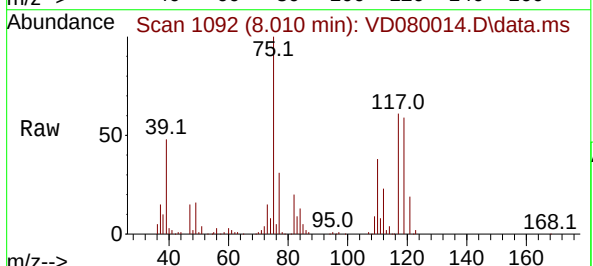
Tgt Ion: 75 Resp: 168598

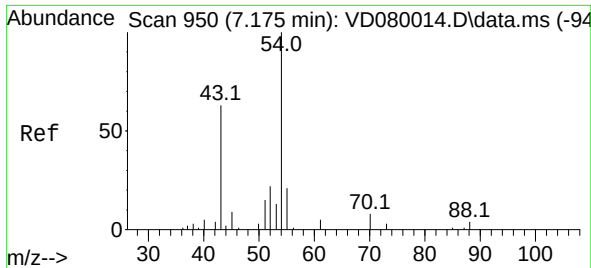
Ion Ratio Lower Upper

75 100

110 36.7 18.4 55.0

77 30.6 24.5 36.7





#37

Ethyl Acetate

Concen: 52.901 ug/l

RT: 7.175 min Scan# 950

Delta R.T. 0.000 min

Lab File: VD080014.D

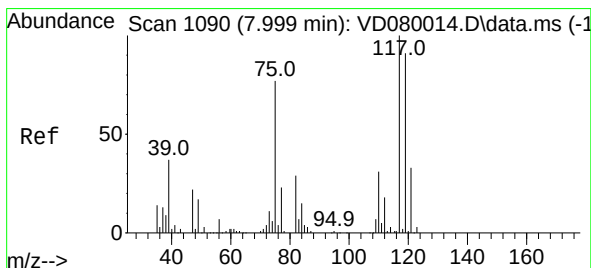
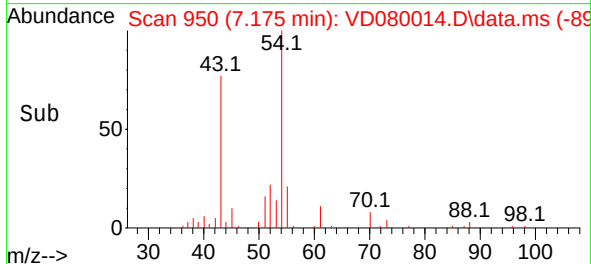
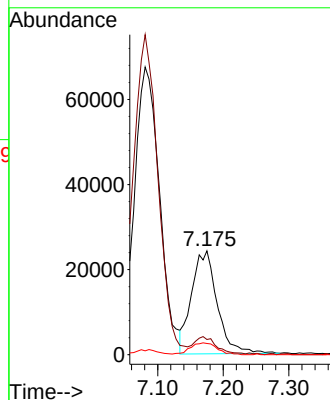
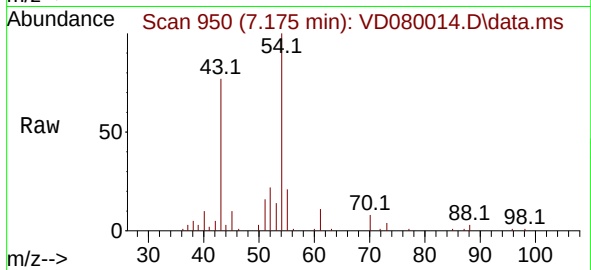
Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	43	Resp:	65831
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.4	17.0
70	12.0	9.6	14.4



#38

Carbon Tetrachloride

Concen: 53.365 ug/l

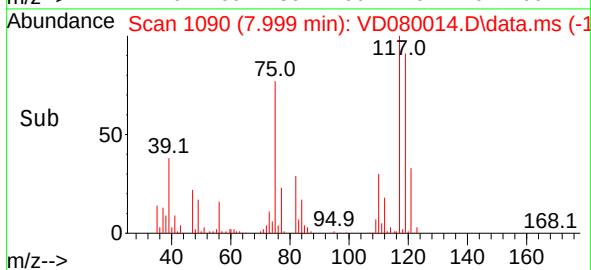
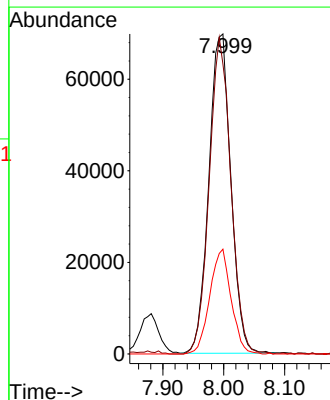
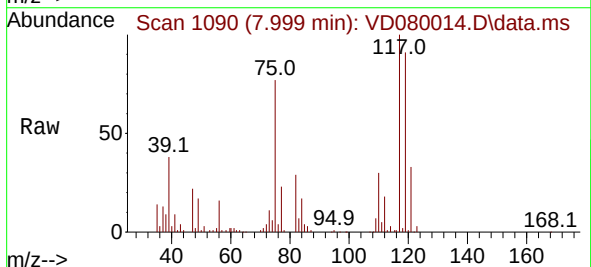
RT: 7.999 min Scan# 1090

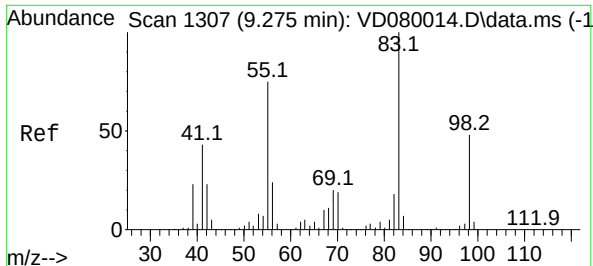
Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Tgt Ion:	117	Resp:	175596
Ion	Ratio	Lower	Upper
117	100		
119	90.8	72.6	109.0
121	32.8	26.2	39.4





#39

Methylcyclohexane

Concen: 56.708 ug/l

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_D

ClientSampleId :

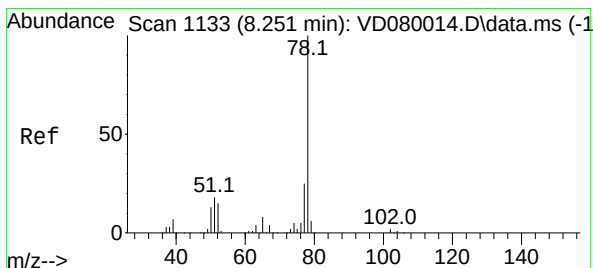
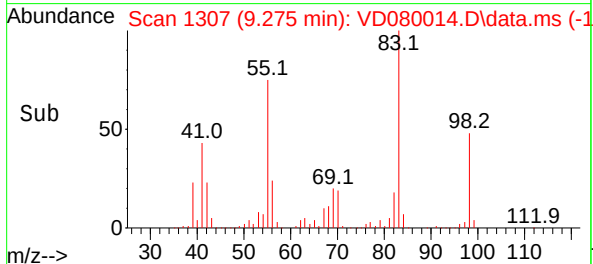
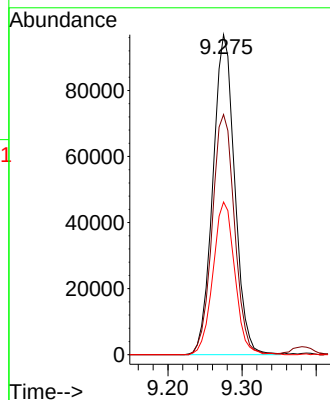
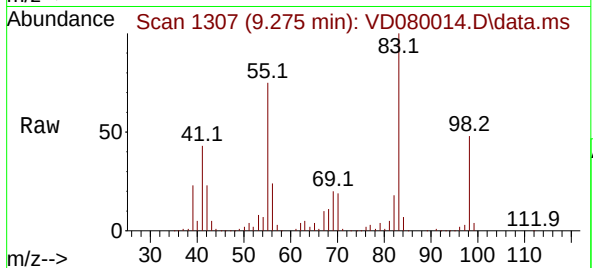
Tgt Ion: 83 Resp: 198178

Ion Ratio Lower Upper

83 100

55 75.1 60.1 90.1

98 47.7 38.2 57.2



#40

Benzene

Concen: 56.205 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD080014.D

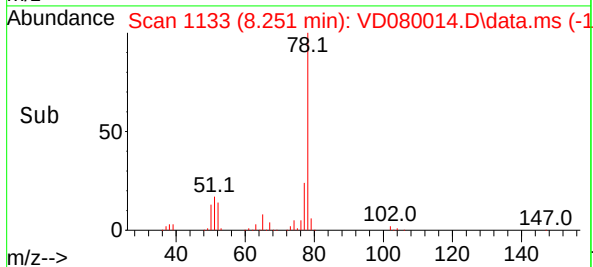
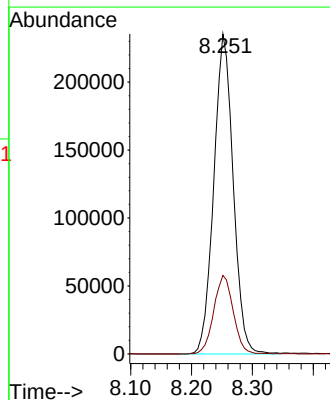
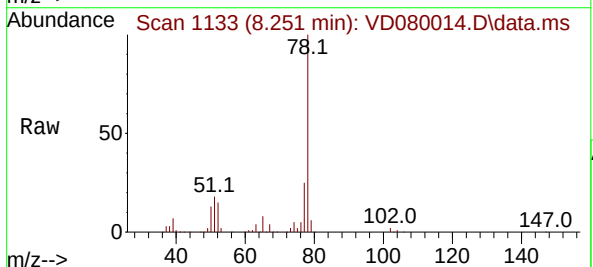
Acq: 14 Nov 2024 19:22

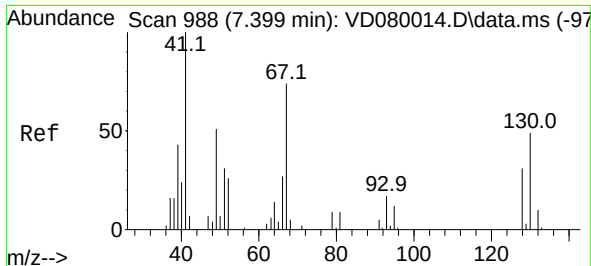
Tgt Ion: 78 Resp: 520262

Ion Ratio Lower Upper

78 100

77 24.6 19.7 29.5

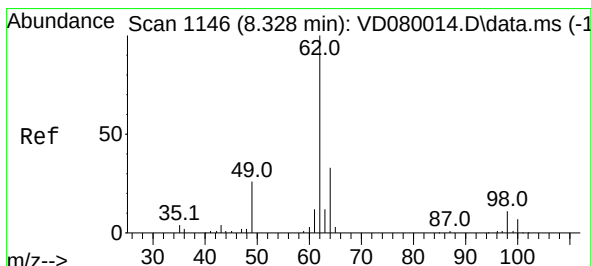
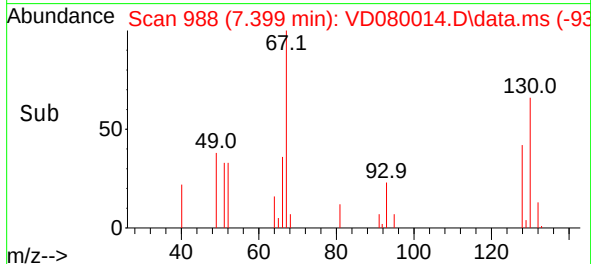
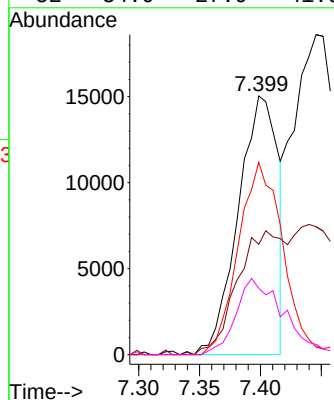
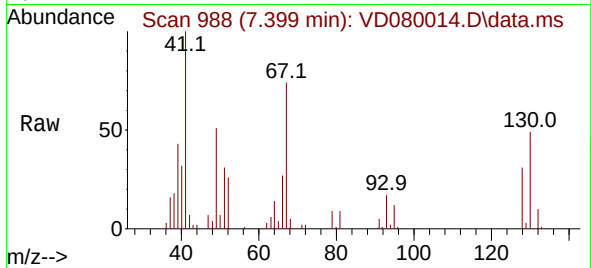




#41
Methacrylonitrile
Concen: 49.527 ug/l
RT: 7.399 min Scan# 988
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

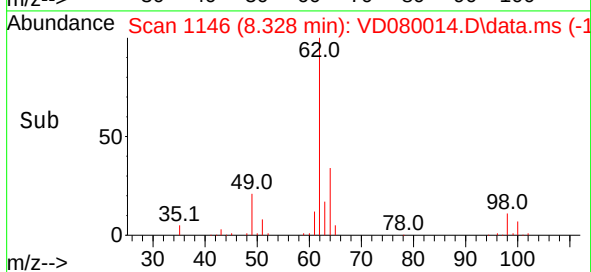
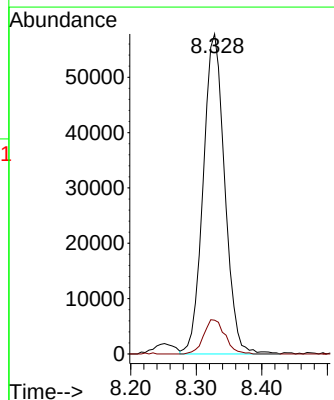
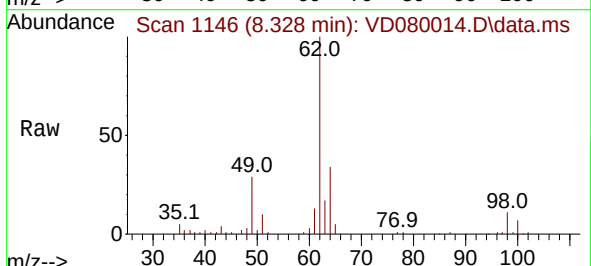
Instrument :
MSVOA_D
ClientSampleId :

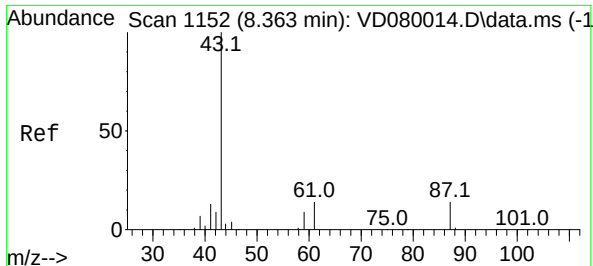
Tgt Ion: 41 Resp: 34218
Ion Ratio Lower Upper
41 100
39 58.2 46.6 69.8
67 83.7 67.0 100.4
52 34.9 27.9 41.9



#42
1,2-Dichloroethane
Concen: 54.436 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

Tgt Ion: 62 Resp: 132004
Ion Ratio Lower Upper
62 100
98 10.6 0.0 21.2

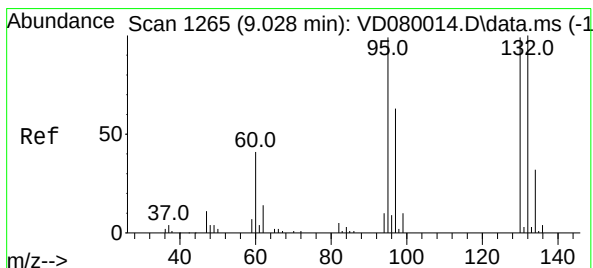
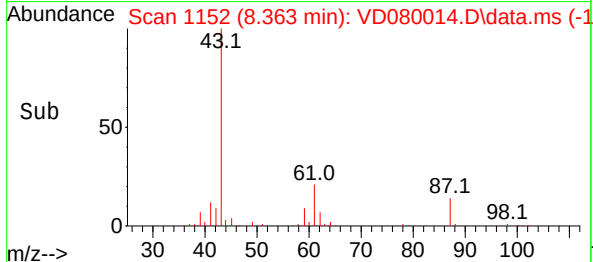
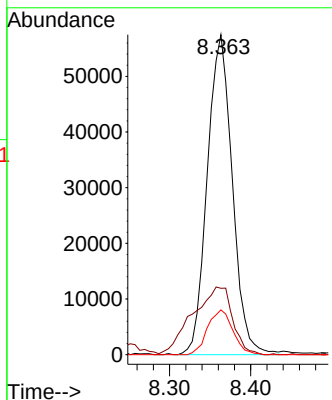
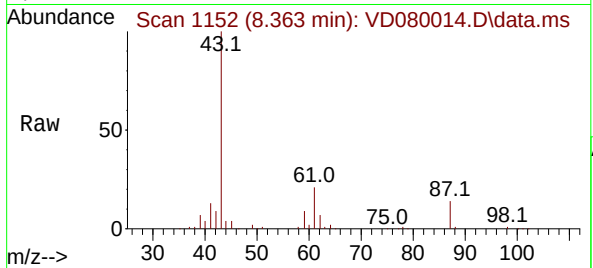




#43
Isopropyl Acetate
Concen: 54.552 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

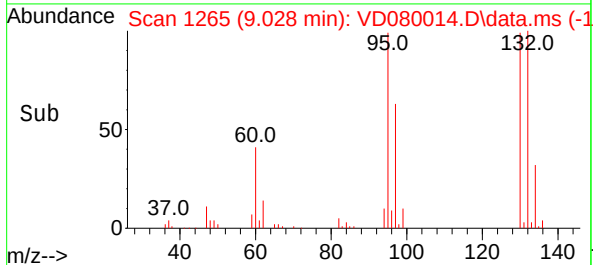
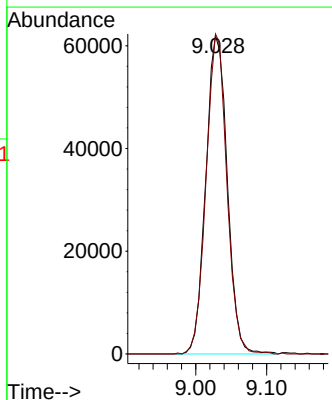
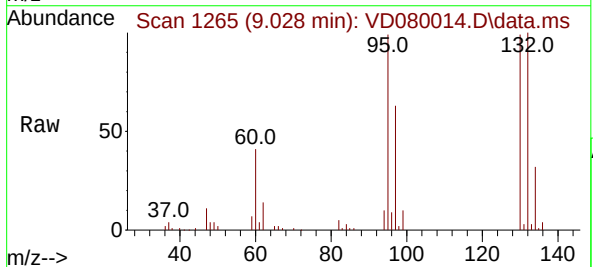
Instrument :
MSVOA_D
ClientSampleId :

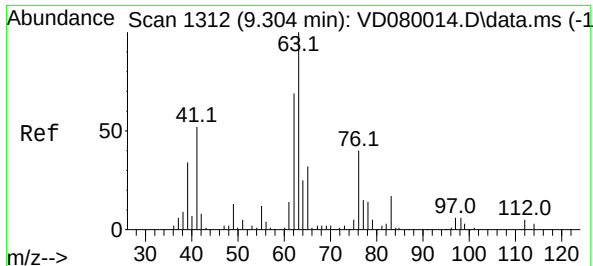
Tgt Ion: 43 Resp: 123358
Ion Ratio Lower Upper
43 100
61 33.7 27.0 40.4
87 14.1 11.3 16.9



#44
Trichloroethene
Concen: 54.656 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

Tgt Ion:130 Resp: 130474
Ion Ratio Lower Upper
130 100
95 100.5 0.0 201.0

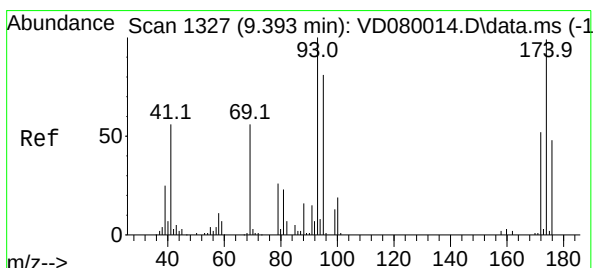
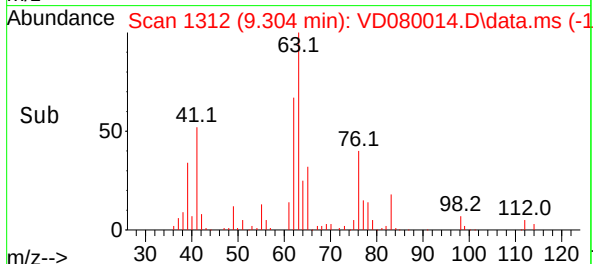
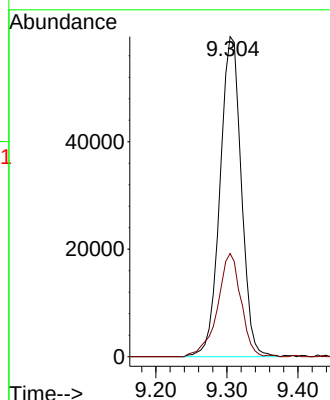
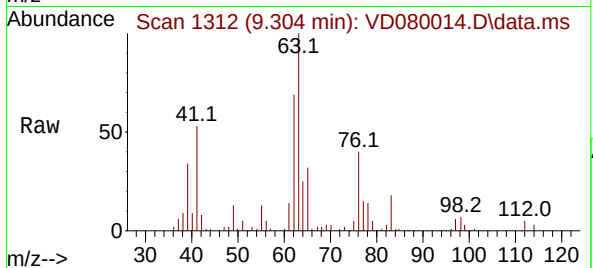




#45
1,2-Dichloropropane
Concen: 56.274 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

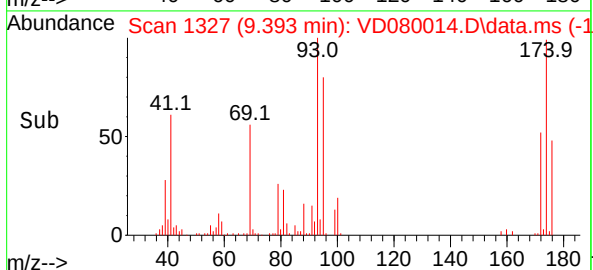
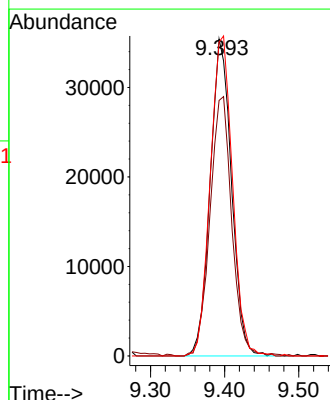
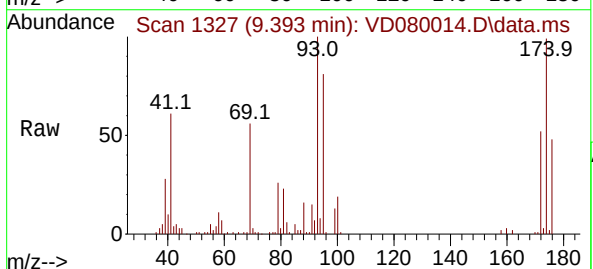
Instrument :
MSVOA_D
ClientSampleId :

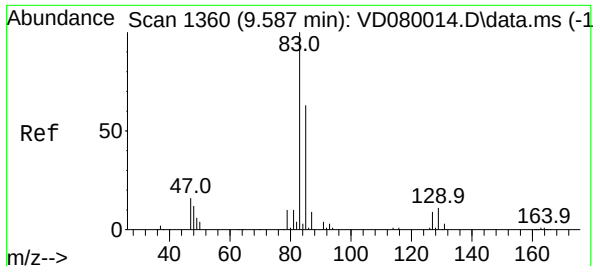
Tgt Ion: 63 Resp: 123960
Ion Ratio Lower Upper
63 100
65 32.2 25.8 38.6



#46
Dibromomethane
Concen: 54.705 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

Tgt Ion: 93 Resp: 70822
Ion Ratio Lower Upper
93 100
95 83.5 66.8 100.2
174 104.9 83.9 125.9

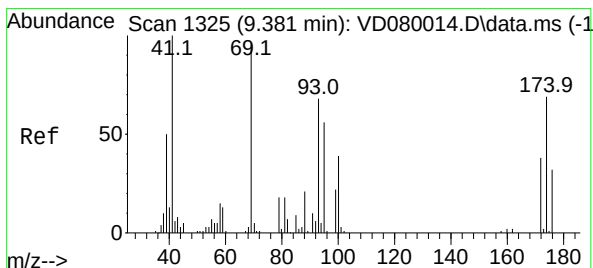
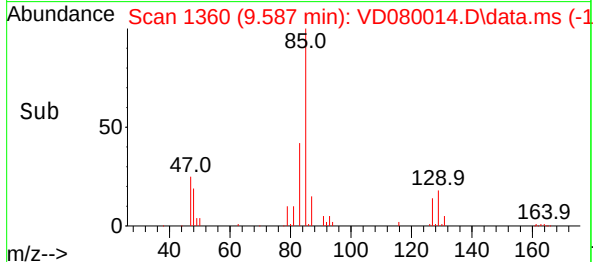
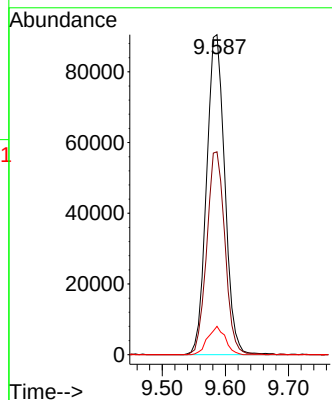
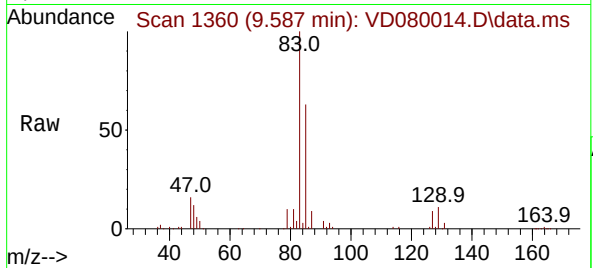




#47
Bromodichloromethane
Concen: 55.800 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

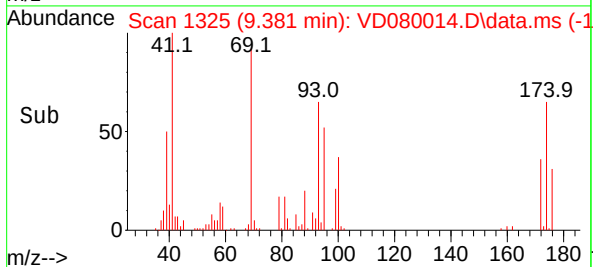
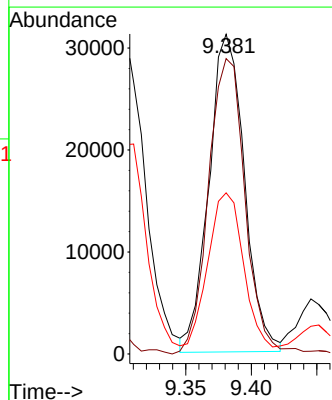
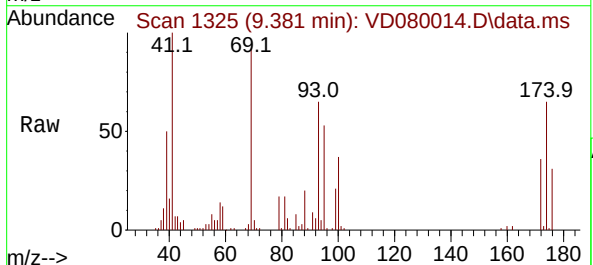
Instrument :
MSVOA_D
ClientSampleId :

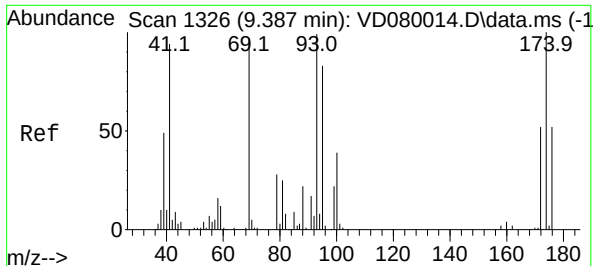
Tgt Ion: 83 Resp: 181086
Ion Ratio Lower Upper
83 100
85 63.4 50.7 76.1
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 58.018 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

Tgt Ion: 41 Resp: 58637
Ion Ratio Lower Upper
41 100
69 96.2 77.0 115.4
39 51.5 41.2 61.8





#49

1,4-Dioxane

Concen: 1115.309 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_D

ClientSampleId :

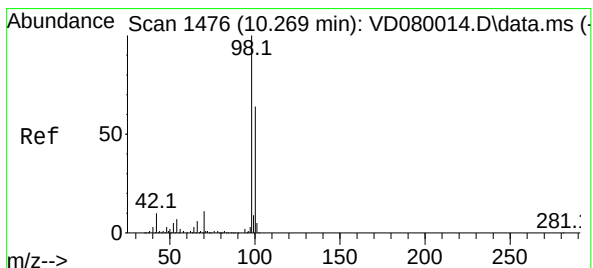
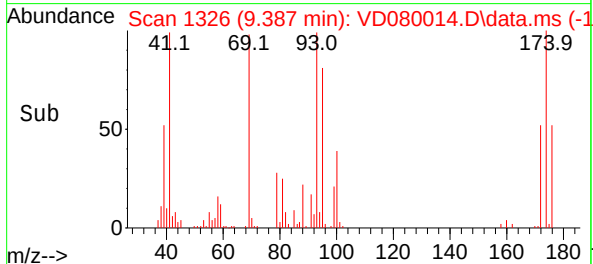
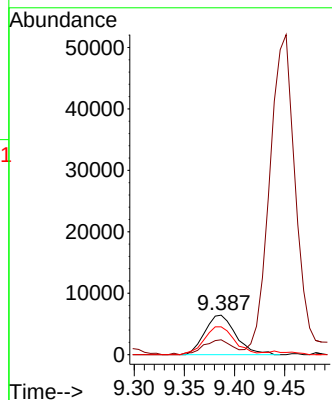
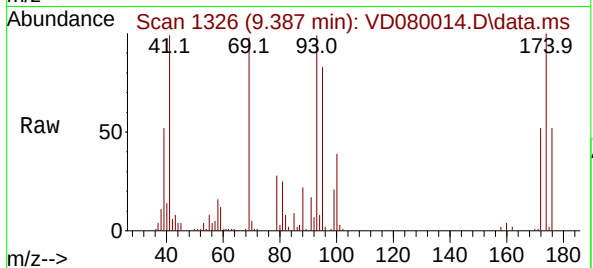
Tgt Ion: 88 Resp: 13757

Ion Ratio Lower Upper

88 100

43 35.0 28.0 42.0

58 69.0 55.2 82.8



#50

Toluene-d8

Concen: 50.944 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD080014.D

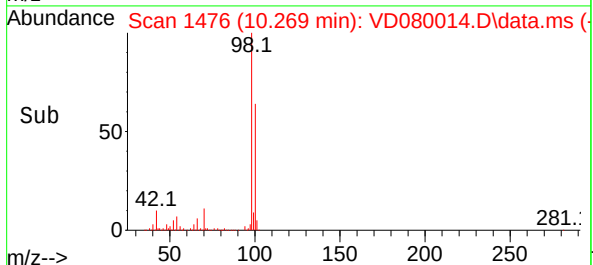
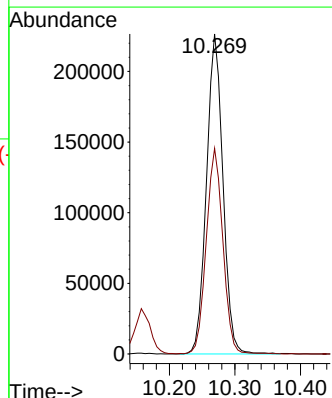
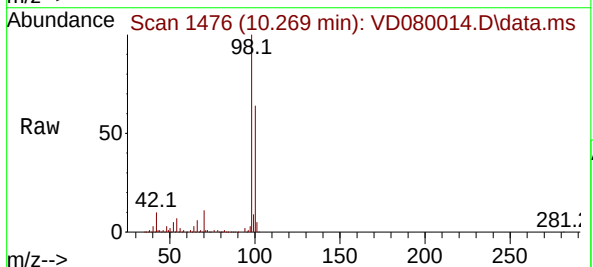
Acq: 14 Nov 2024 19:22

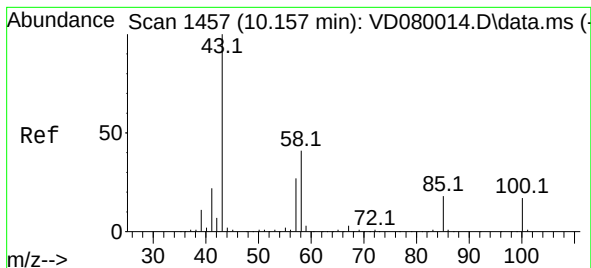
Tgt Ion: 98 Resp: 395754

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

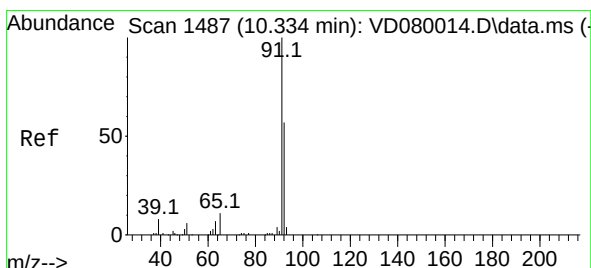
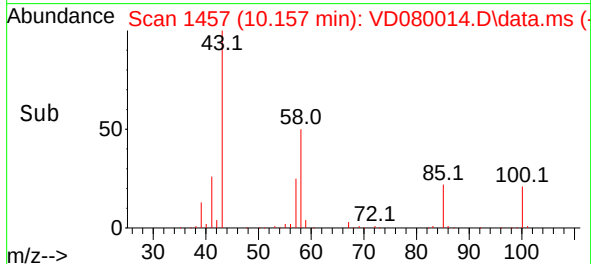
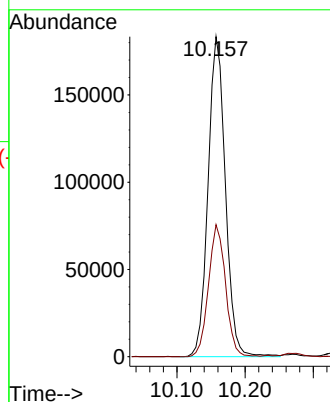
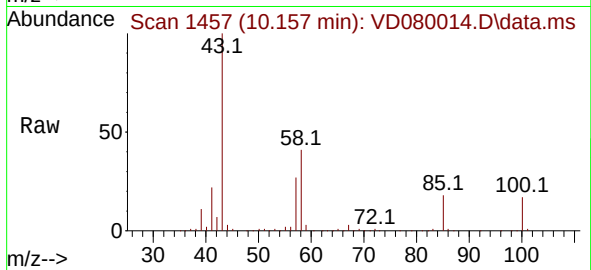




#51
4-Methyl-2-Pentanone
Concen: 284.613 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

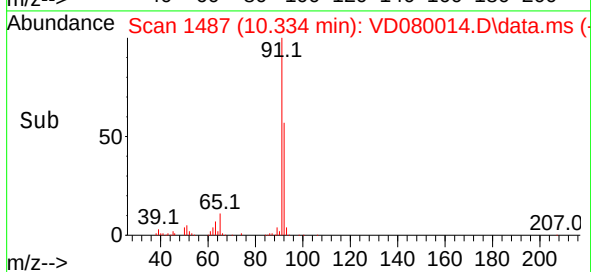
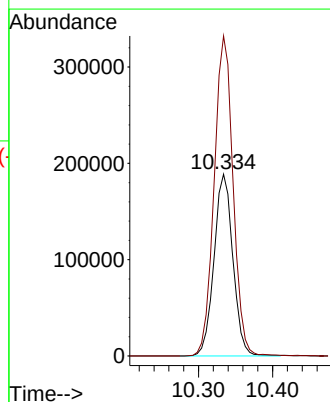
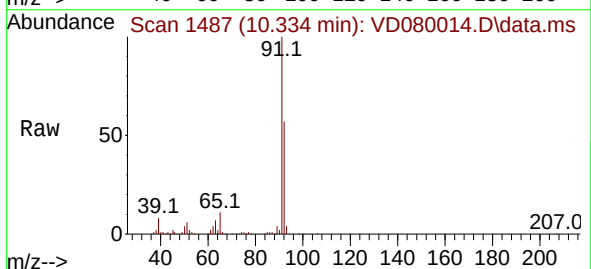
Instrument :
MSVOA_D
ClientSampleId :

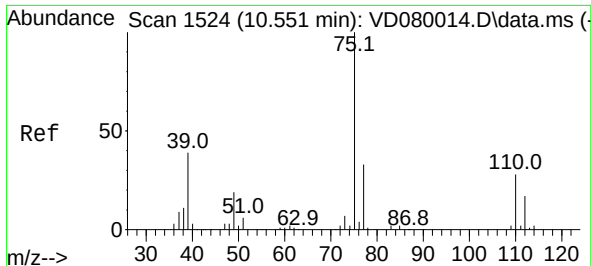
Tgt Ion: 43 Resp: 324338
Ion Ratio Lower Upper
43 100
58 40.7 32.6 48.8



#52
Toluene
Concen: 57.813 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

Tgt Ion: 92 Resp: 333240
Ion Ratio Lower Upper
92 100
91 176.8 141.4 212.2





#53

t-1,3-Dichloropropene

Concen: 56.187 ug/l

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_D

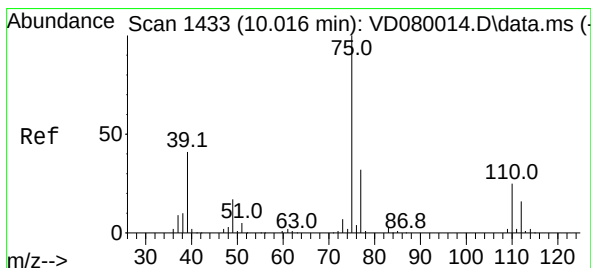
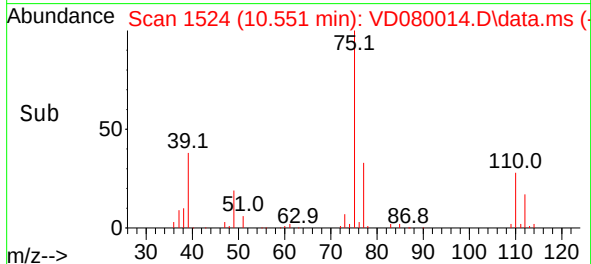
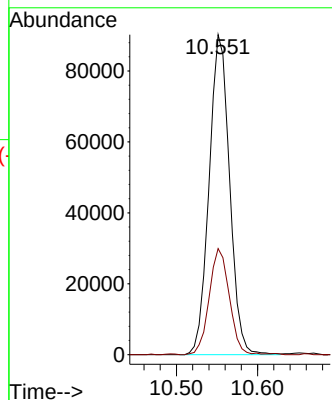
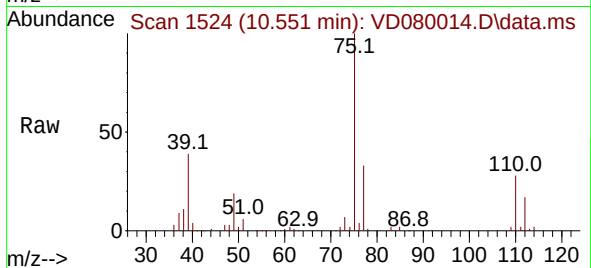
ClientSampleId :

Tgt Ion: 75 Resp: 158093

Ion Ratio Lower Upper

75 100

77 33.2 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 56.774 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

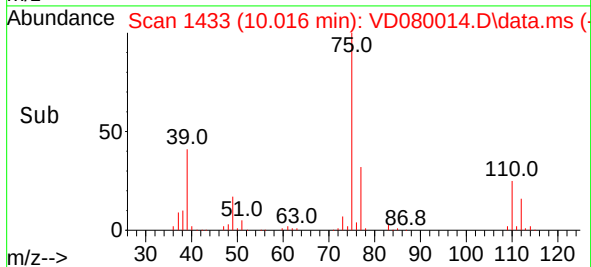
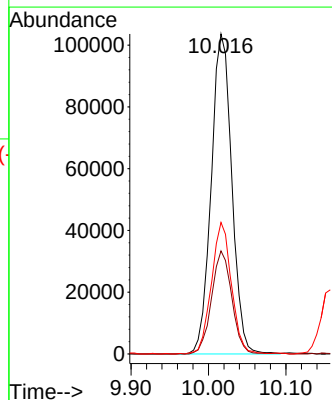
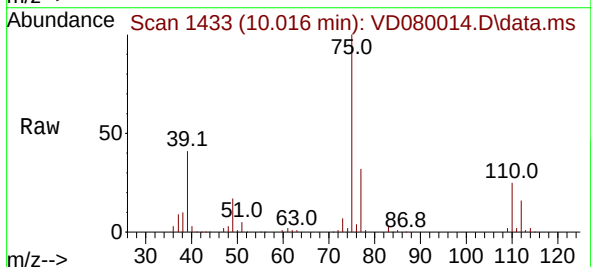
Tgt Ion: 75 Resp: 191431

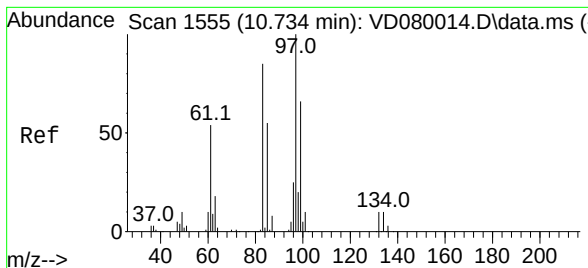
Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

39 41.0 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 52.822 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 91309

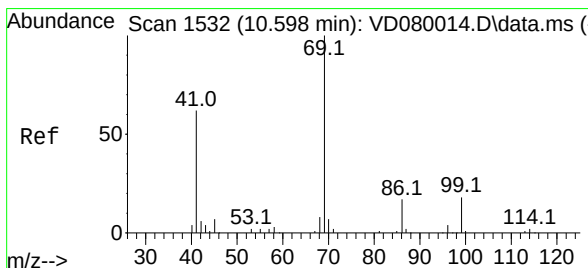
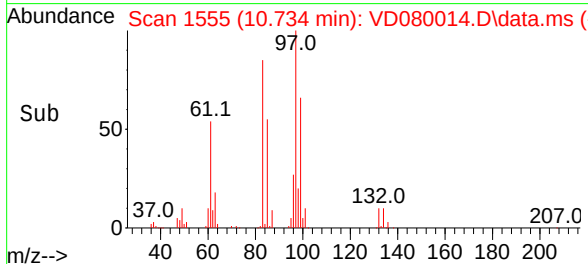
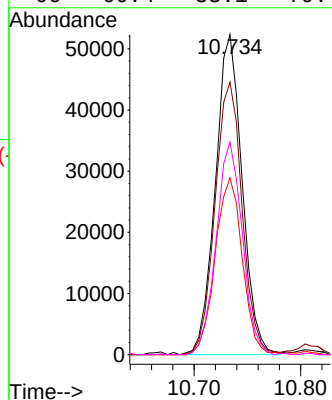
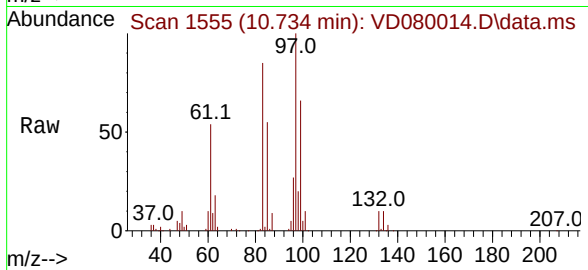
Ion Ratio Lower Upper

97 100

83 85.2 68.2 102.2

85 55.2 44.2 66.2

99 66.4 53.1 79.7



#56

Ethyl methacrylate

Concen: 58.256 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

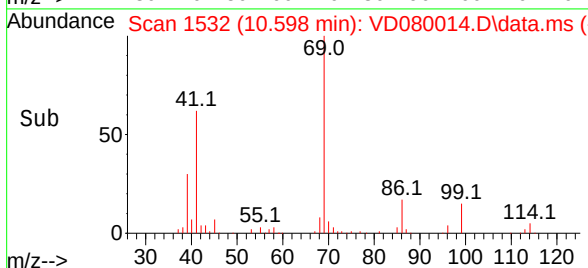
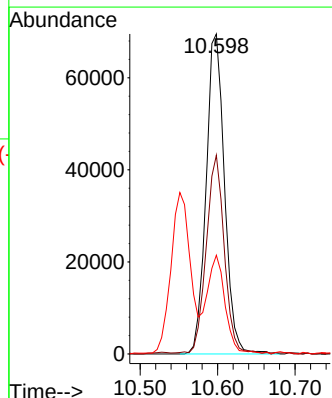
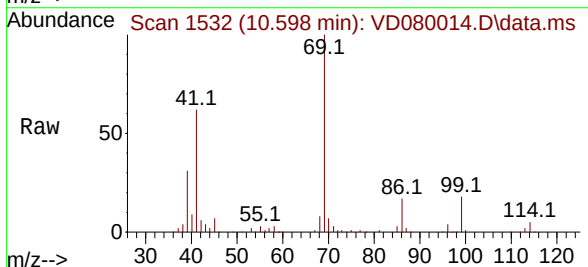
Tgt Ion: 69 Resp: 114491

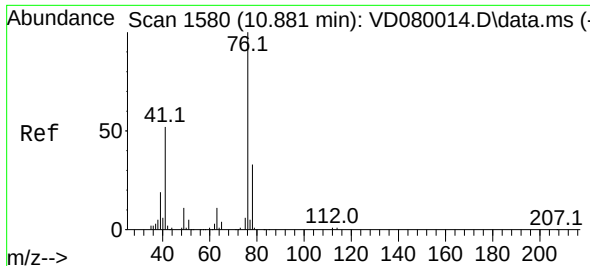
Ion Ratio Lower Upper

69 100

41 60.0 48.0 72.0

39 31.2 25.0 37.4





#57

1,3-Dichloropropane

Concen: 54.818 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_D

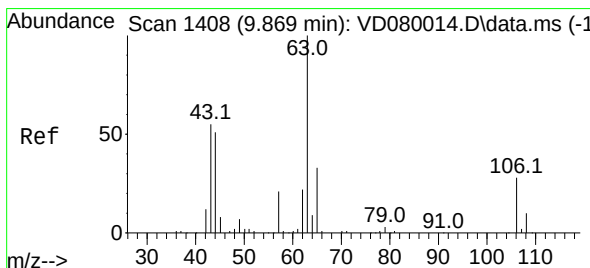
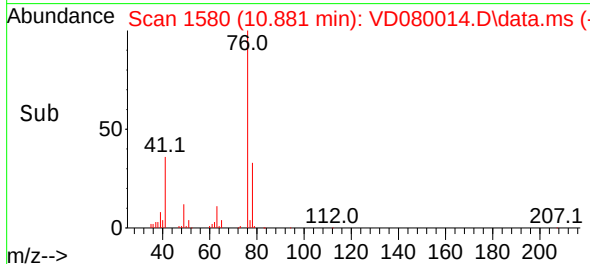
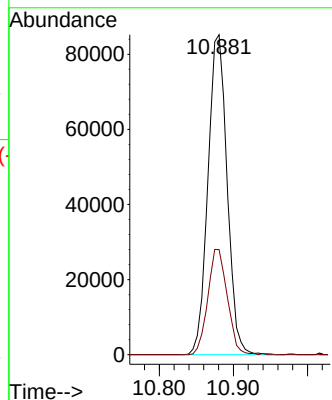
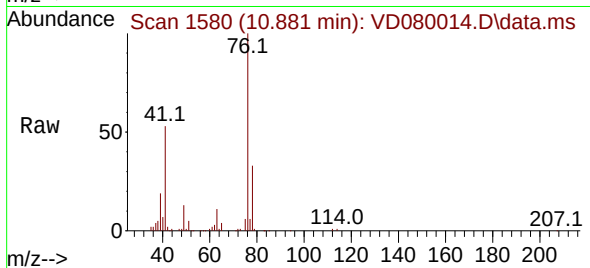
ClientSampleId :

Tgt Ion: 76 Resp: 153189

Ion Ratio Lower Upper

76 100

78 33.5 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 263.086 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD080014.D

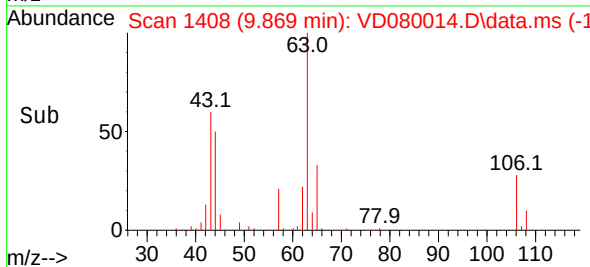
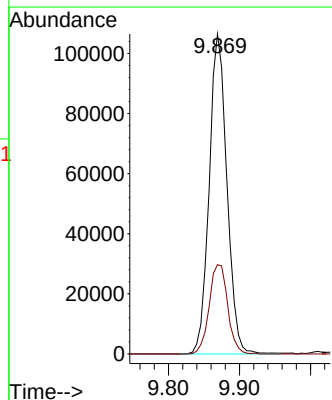
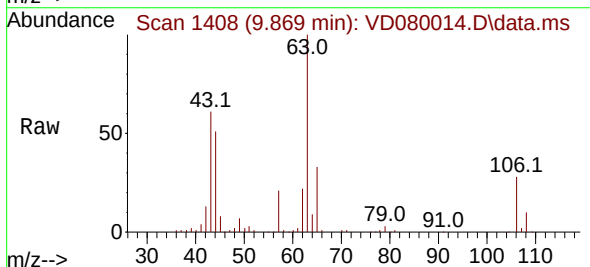
Acq: 14 Nov 2024 19:22

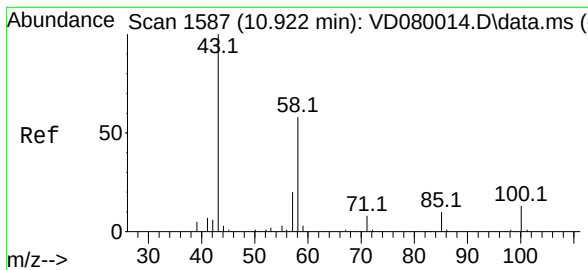
Tgt Ion: 63 Resp: 184640

Ion Ratio Lower Upper

63 100

106 29.1 23.3 34.9

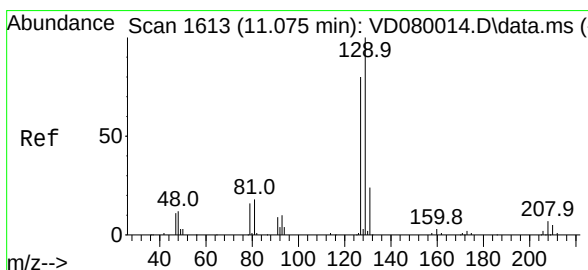
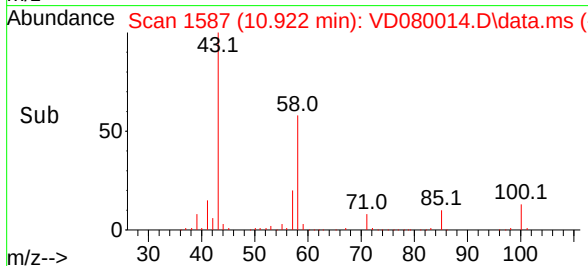
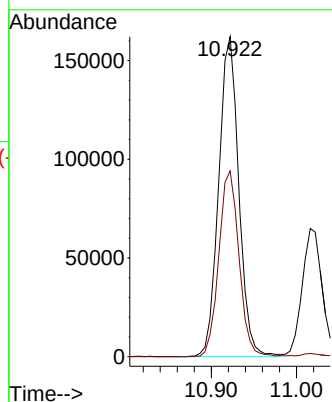
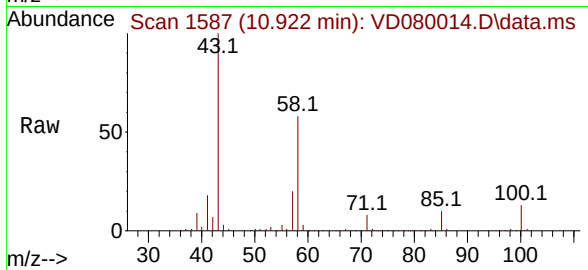




#59
2-Hexanone
Concen: 303.822 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

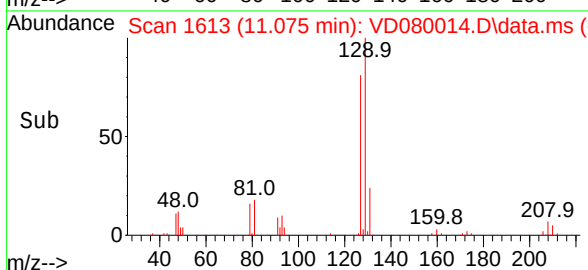
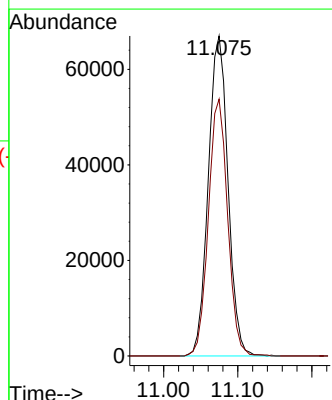
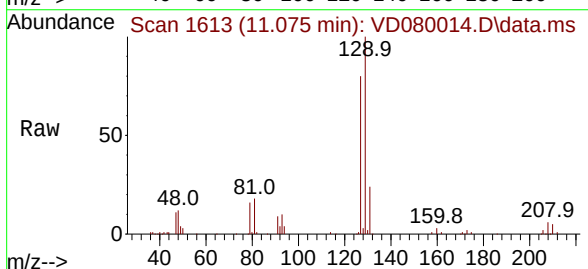
Instrument :
MSVOA_D
ClientSampleId :

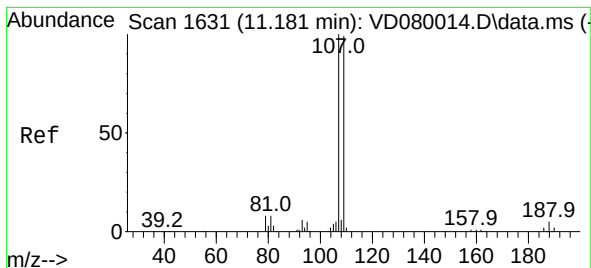
Tgt Ion: 43 Resp: 265697
Ion Ratio Lower Upper
43 100
58 58.3 29.1 87.4



#60
Dibromochloromethane
Concen: 54.015 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

Tgt Ion:129 Resp: 123658
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6





#61

1,2-Dibromoethane

Concen: 54.058 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_D

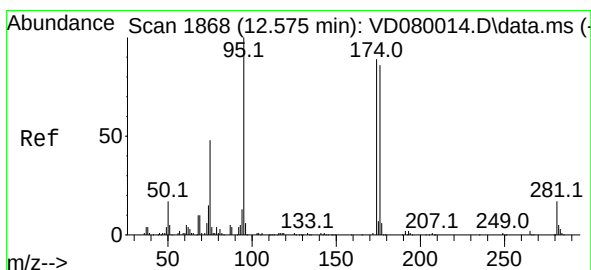
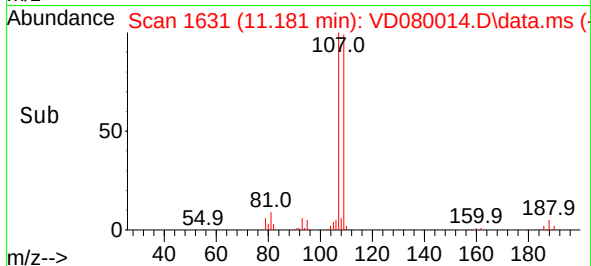
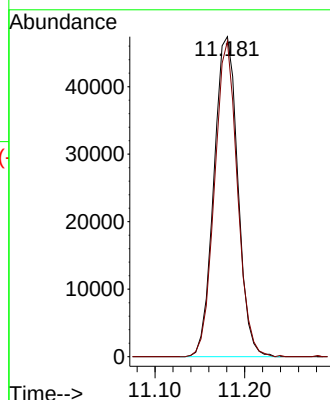
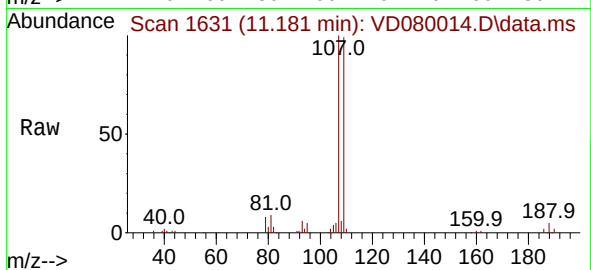
ClientSampleId :

Tgt Ion:107 Resp: 87716

Ion Ratio Lower Upper

107 100

109 94.1 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 51.151 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

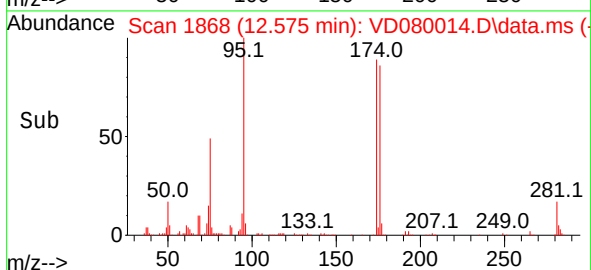
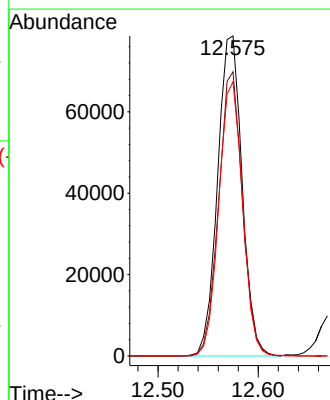
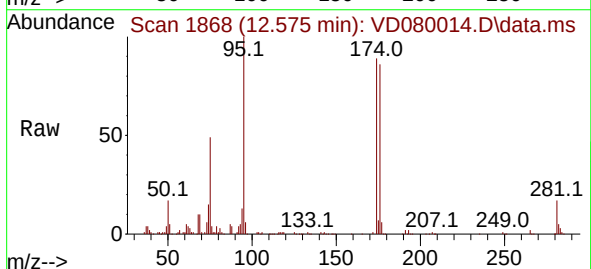
Tgt Ion: 95 Resp: 133282

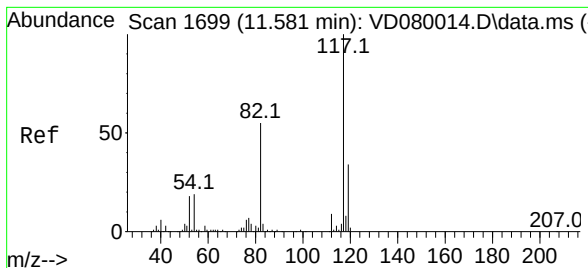
Ion Ratio Lower Upper

95 100

174 86.1 0.0 172.2

176 83.0 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: VD080014.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_D

ClientSampleId :

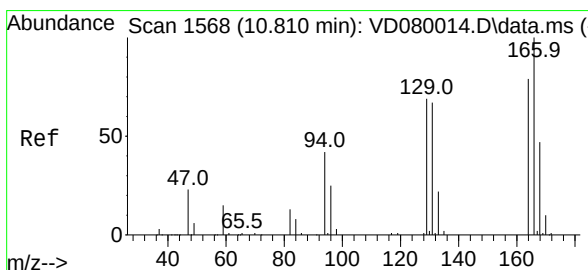
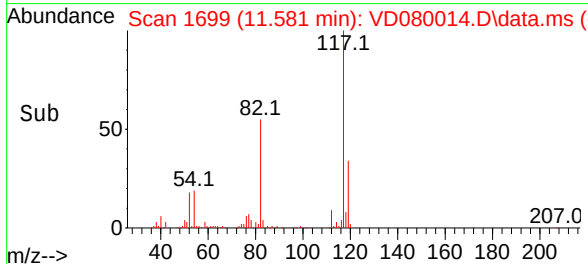
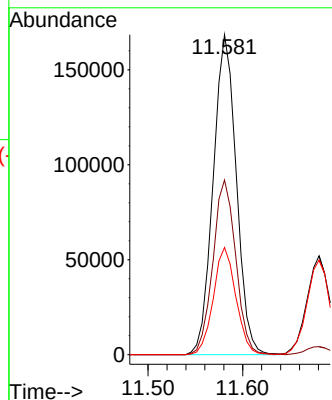
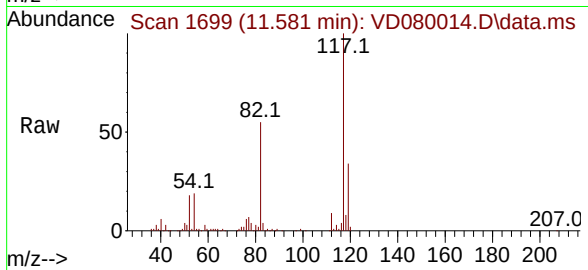
Tgt Ion:117 Resp: 286067

Ion Ratio Lower Upper

117 100

82 54.6 43.7 65.5

119 33.5 26.8 40.2



#64

Tetrachloroethene

Concen: 54.251 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Tgt Ion:164 Resp: 117139

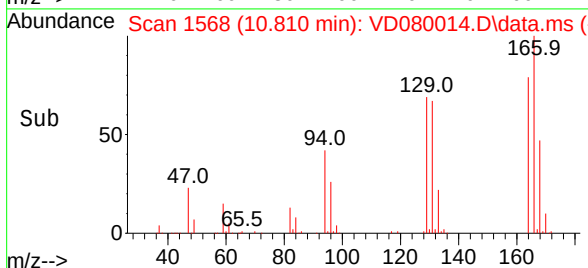
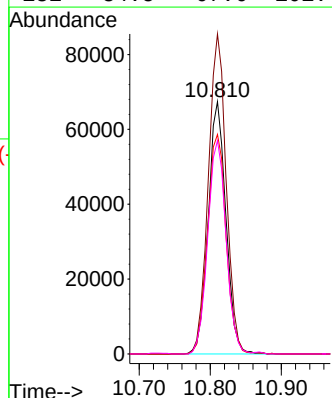
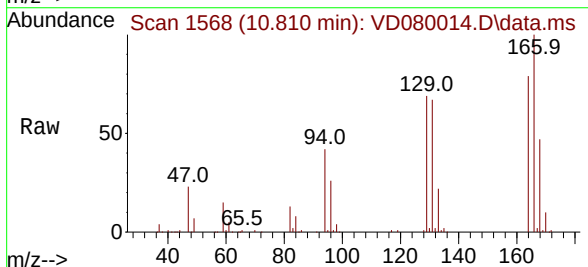
Ion Ratio Lower Upper

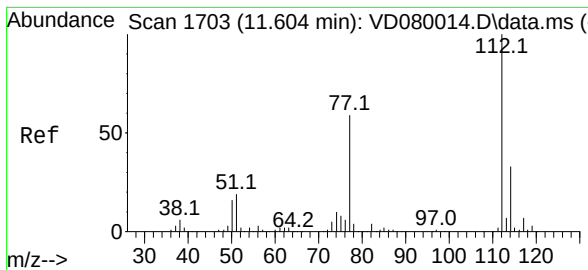
164 100

166 126.8 101.4 152.2

129 87.0 69.6 104.4

131 84.5 67.6 101.4

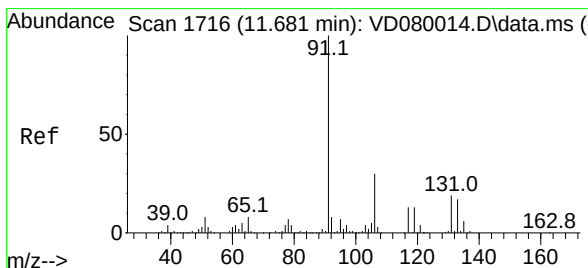
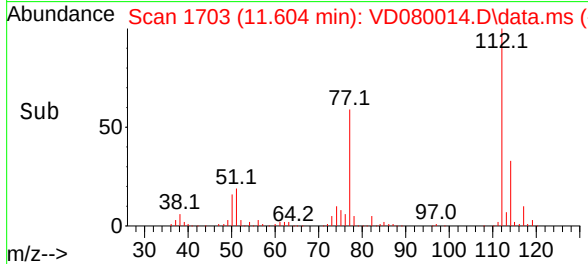
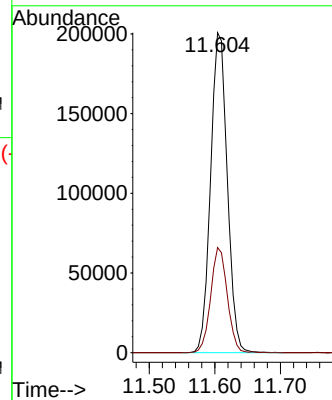
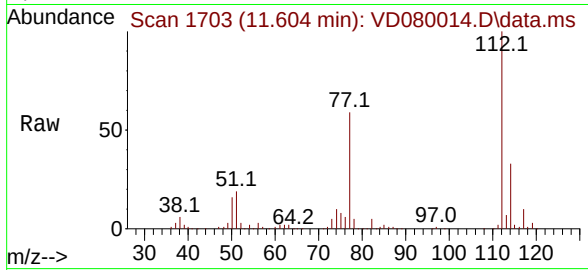




#65
Chlorobenzene
Concen: 54.200 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

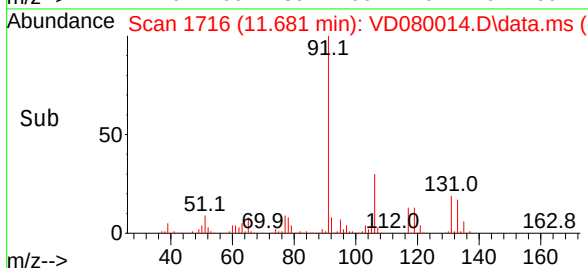
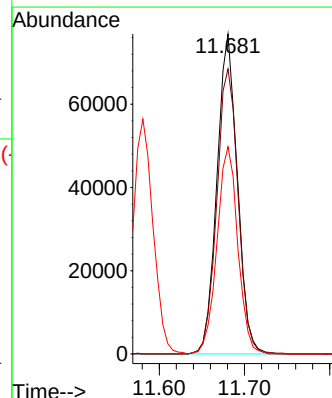
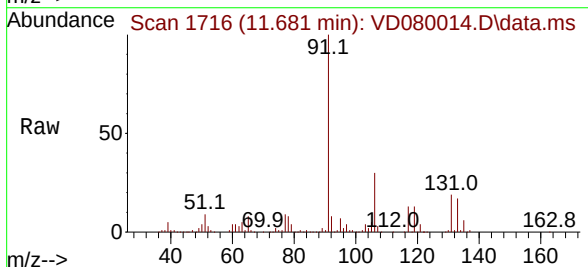
Instrument :
MSVOA_D
ClientSampleId :

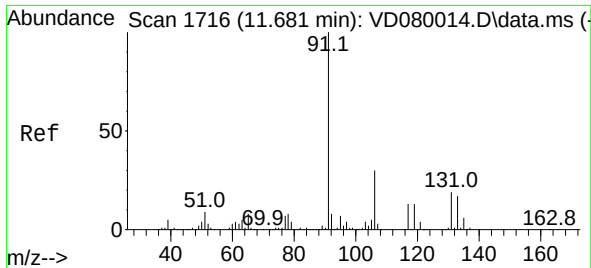
Tgt Ion:112 Resp: 355230
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.976 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

Tgt Ion:131 Resp: 128096
Ion Ratio Lower Upper
131 100
133 93.0 46.5 139.5
119 65.9 33.0 98.9





#67

Ethyl Benzene

Concen: 57.724 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_D

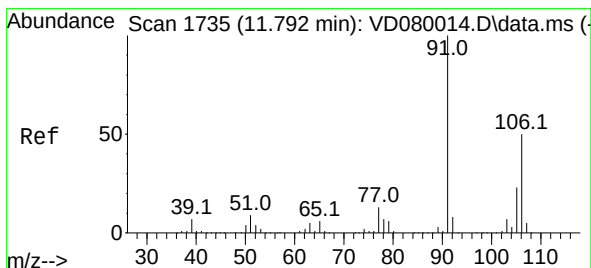
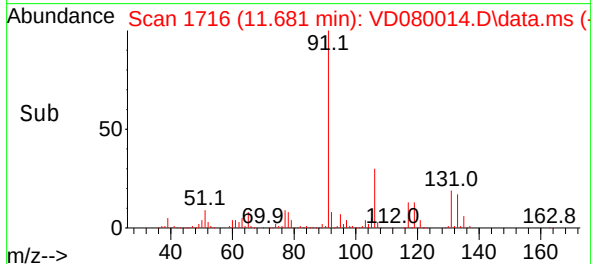
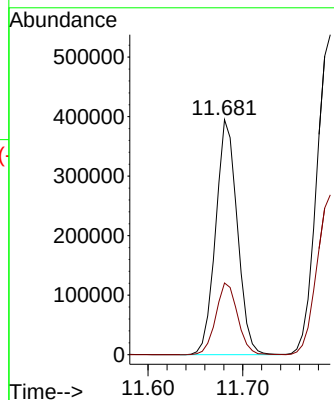
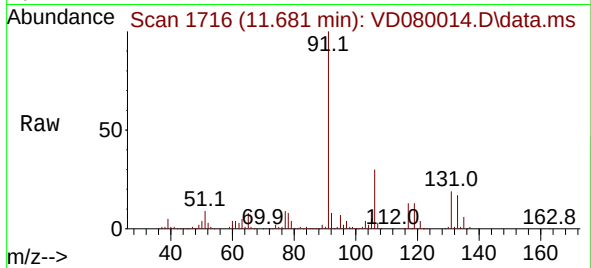
ClientSampleId :

Tgt Ion: 91 Resp: 626197

Ion Ratio Lower Upper

91 100

106 30.5 24.4 36.6



#68

m/p-Xylenes

Concen: 116.616 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD080014.D

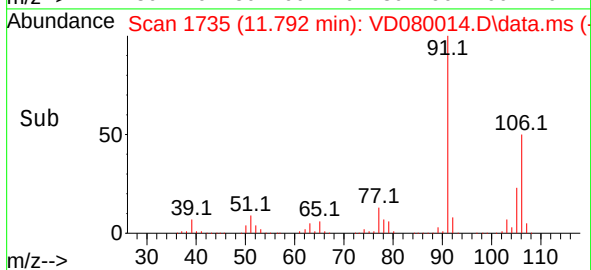
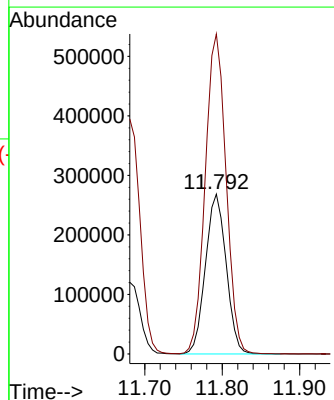
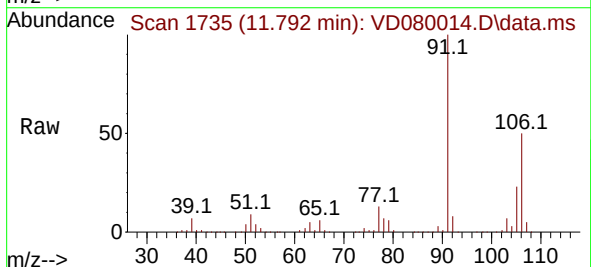
Acq: 14 Nov 2024 19:22

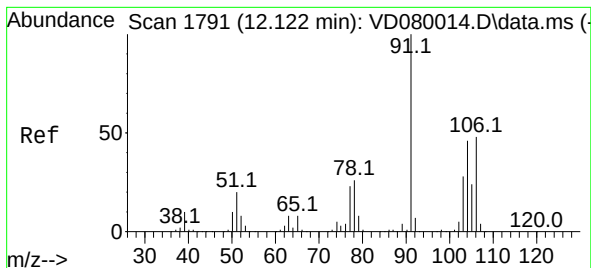
Tgt Ion:106 Resp: 498847

Ion Ratio Lower Upper

106 100

91 201.2 161.0 241.4

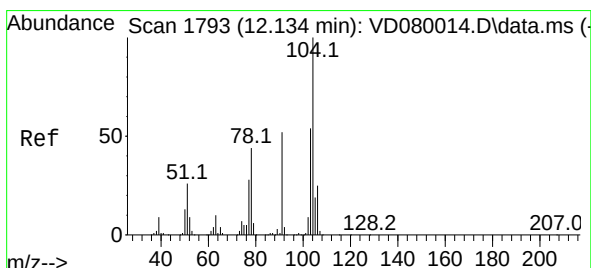
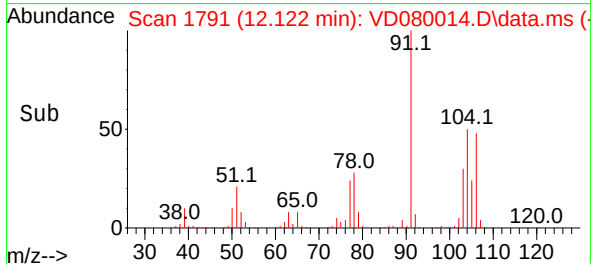
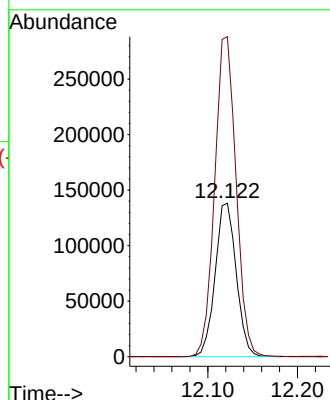
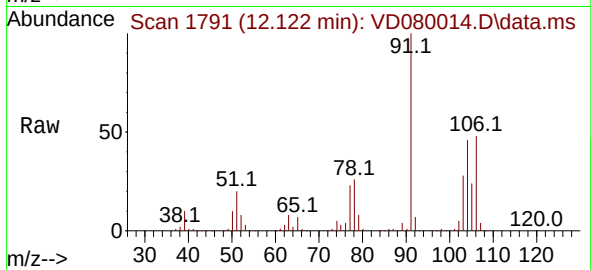




#69
o-Xylene
Concen: 58.063 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

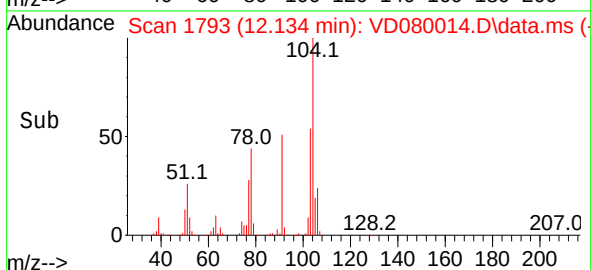
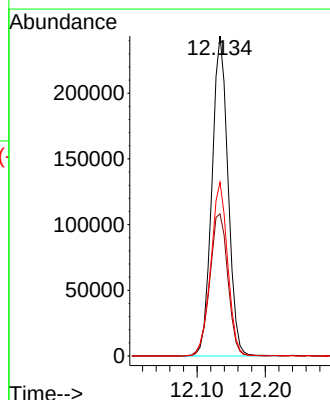
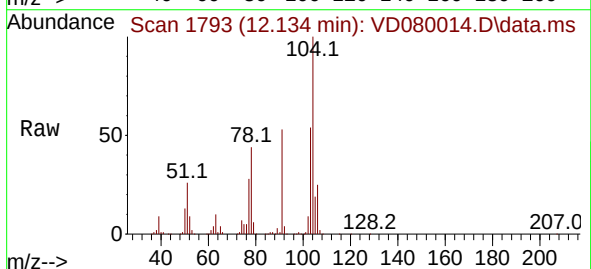
Instrument :
MSVOA_D
ClientSampleId :

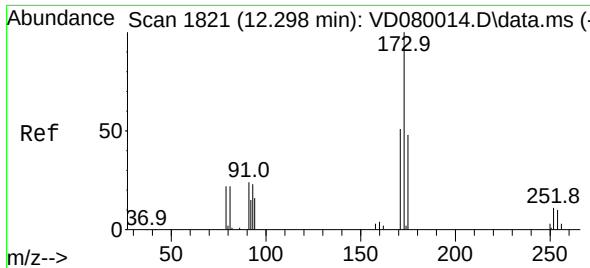
Tgt Ion:106 Resp: 225557
Ion Ratio Lower Upper
106 100
91 211.7 105.8 317.6



#70
Styrene
Concen: 58.013 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

Tgt Ion:104 Resp: 400659
Ion Ratio Lower Upper
104 100
78 49.7 39.8 59.6
103 56.7 45.4 68.0

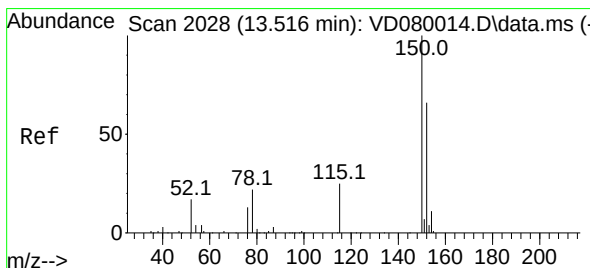
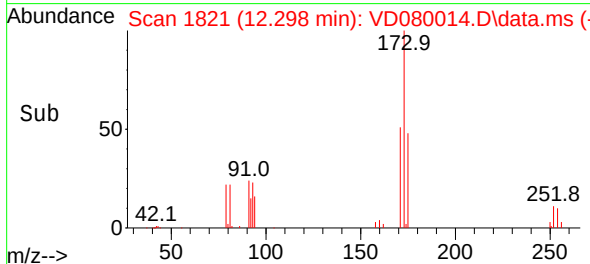
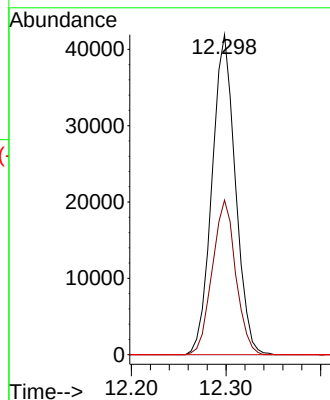
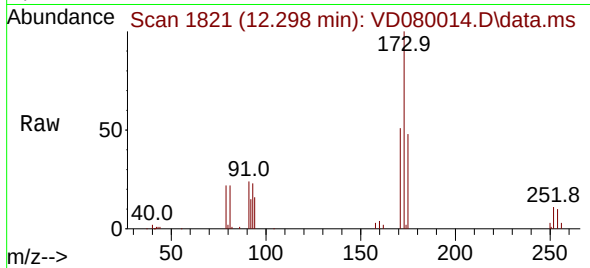




#71
Bromoform
Concen: 54.587 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

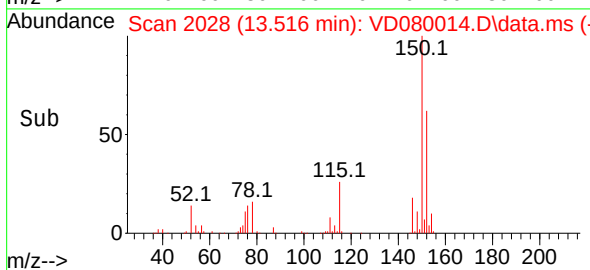
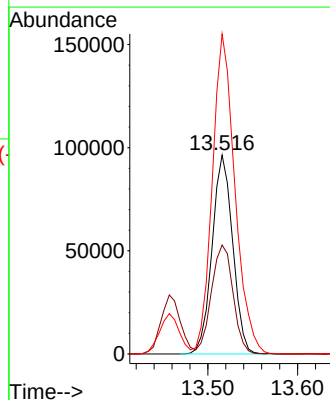
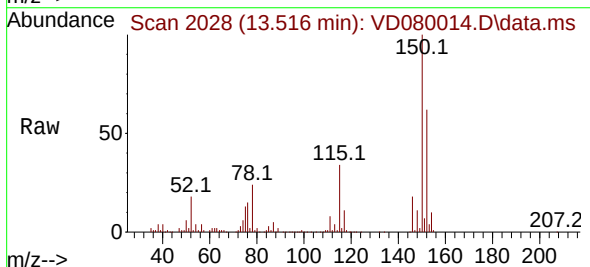
Instrument :
MSVOA_D
ClientSampleId :

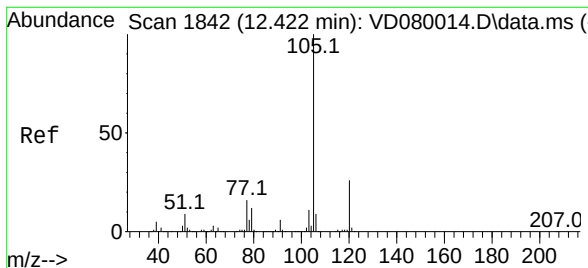
Tgt Ion:173 Resp: 71816
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

Tgt Ion:152 Resp: 153548
Ion Ratio Lower Upper
152 100
115 57.5 28.7 86.3
150 176.9 0.0 353.8





#73

Isopropylbenzene

Concen: 57.759 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_D

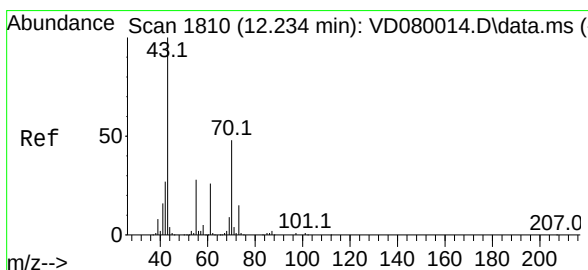
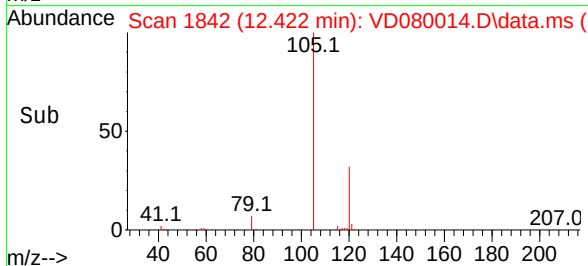
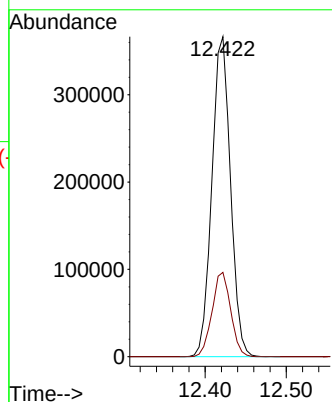
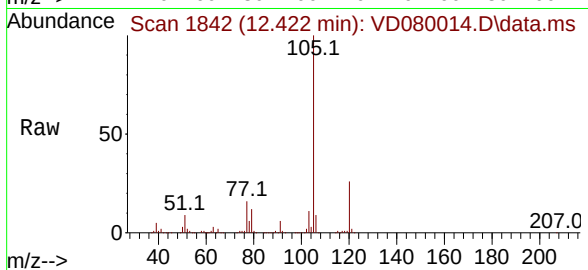
ClientSampleId :

Tgt Ion:105 Resp: 582614

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 55.626 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Tgt Ion: 43 Resp: 119763

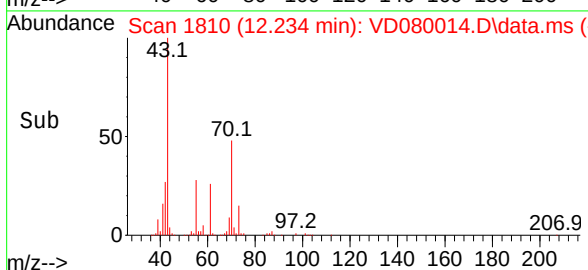
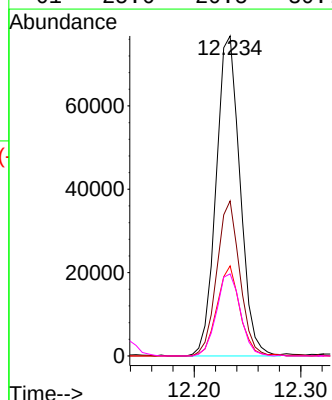
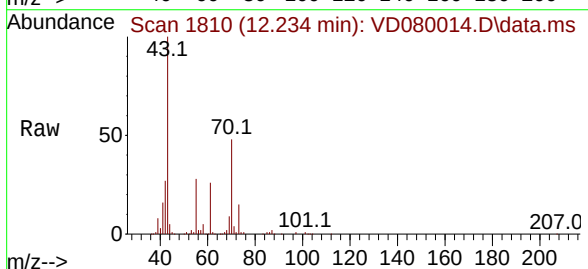
Ion Ratio Lower Upper

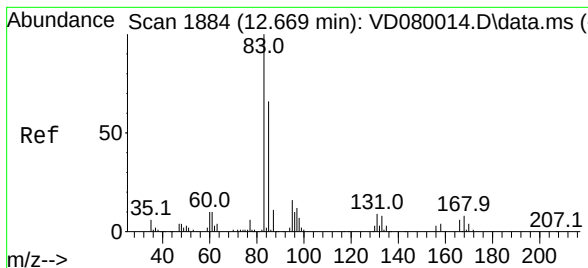
43 100

70 46.7 37.4 56.0

55 27.3 21.8 32.8

61 25.6 20.5 30.7

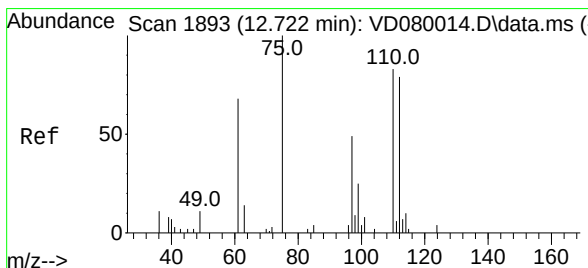
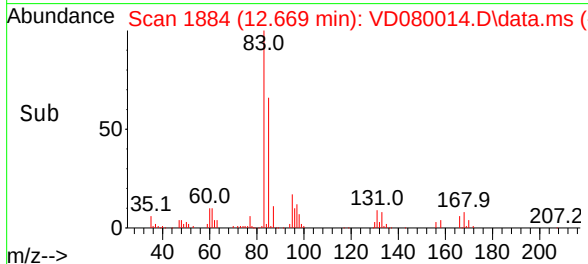
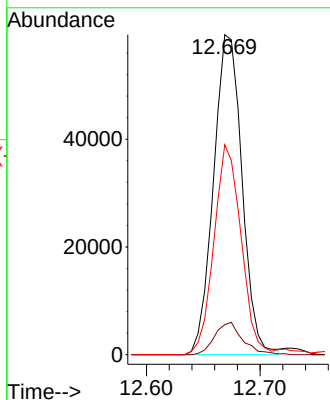
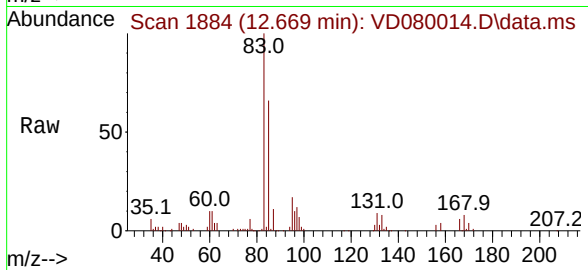




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.130 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: VD080014.D
 Acq: 14 Nov 2024 19:22

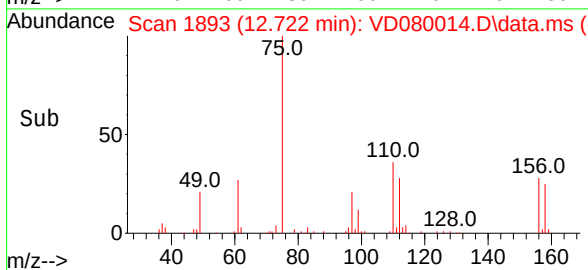
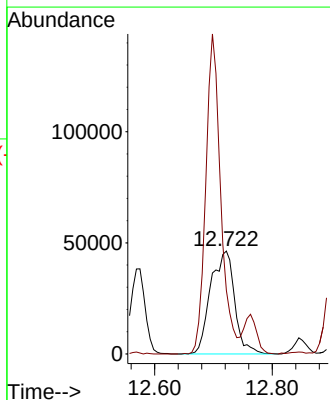
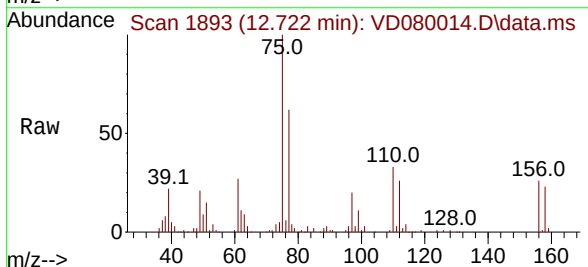
Instrument :
 MSVOA_D
 ClientSampleId :

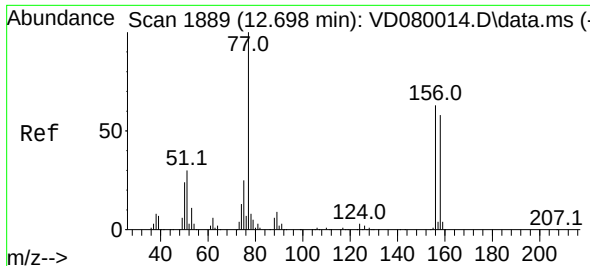
Tgt Ion: 83 Resp: 103619
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.0 15.0
 85 62.4 31.2 93.6



#76
 1,2,3-Trichloropropane
 Concen: 100.387 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD080014.D
 Acq: 14 Nov 2024 19:22

Tgt Ion: 75 Resp: 131432
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

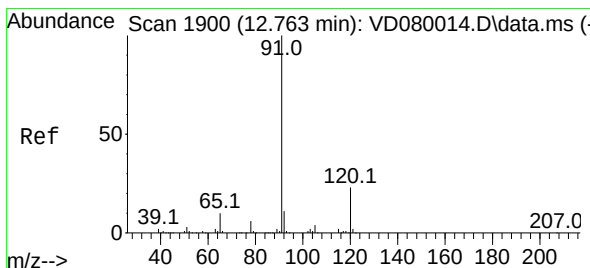
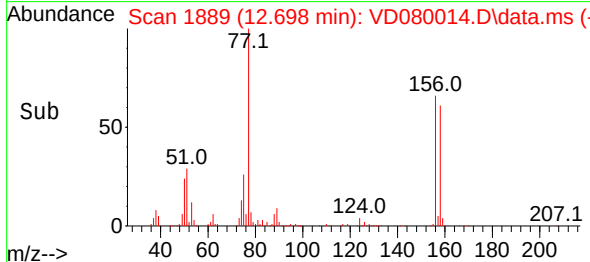
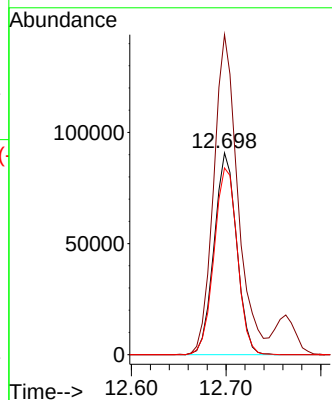
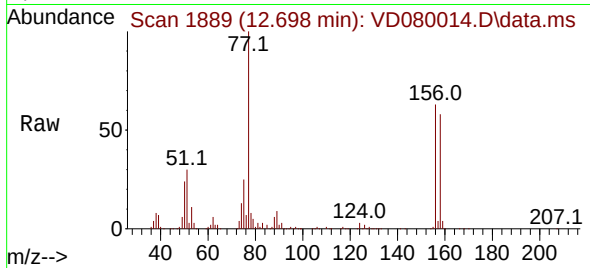




#77
Bromobenzene
Concen: 56.495 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

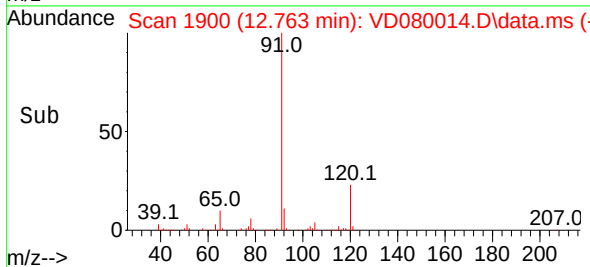
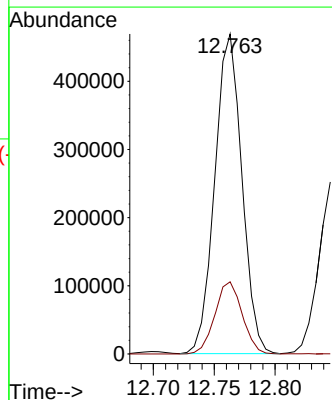
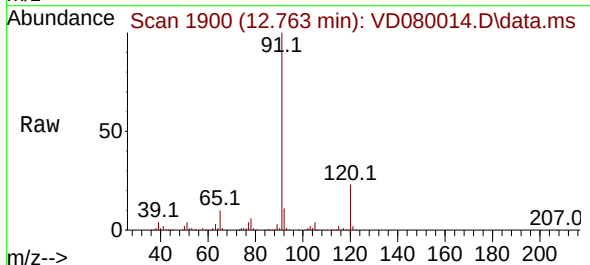
Instrument :
MSVOA_D
ClientSampleId :

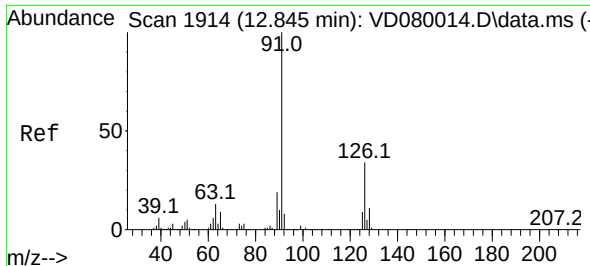
Tgt Ion:156 Resp: 150049
Ion Ratio Lower Upper
156 100
77 169.7 84.9 254.6
158 95.5 47.8 143.3



#78
n-propylbenzene
Concen: 58.130 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

Tgt Ion: 91 Resp: 725594
Ion Ratio Lower Upper
91 100
120 22.7 11.4 34.1





#79

2-Chlorotoluene

Concen: 56.254 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_D

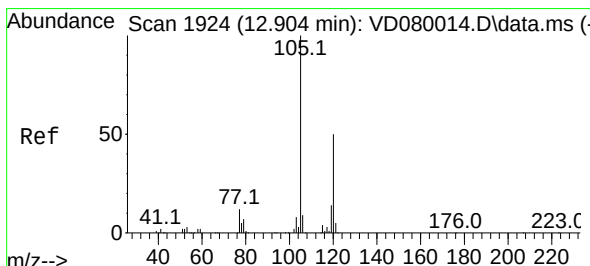
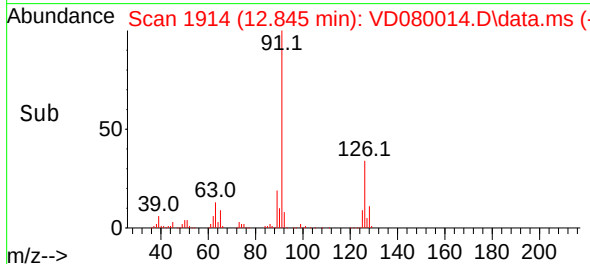
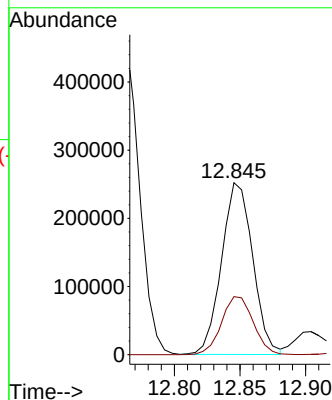
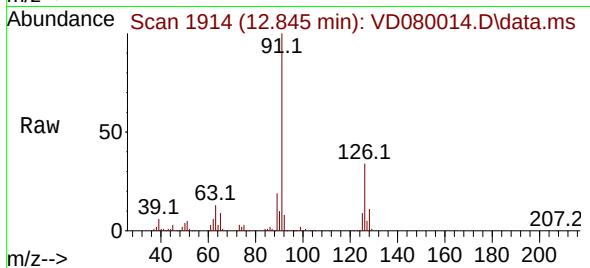
ClientSampleId :

Tgt Ion: 91 Resp: 417350

Ion Ratio Lower Upper

91 100

126 34.4 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 58.445 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD080014.D

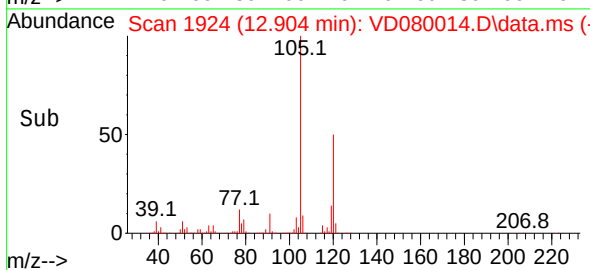
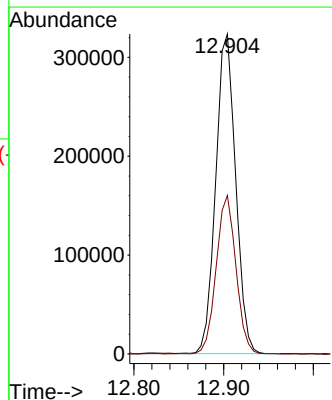
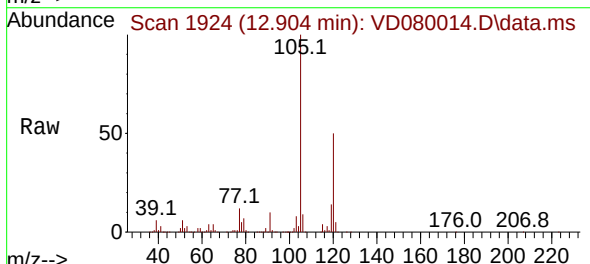
Acq: 14 Nov 2024 19:22

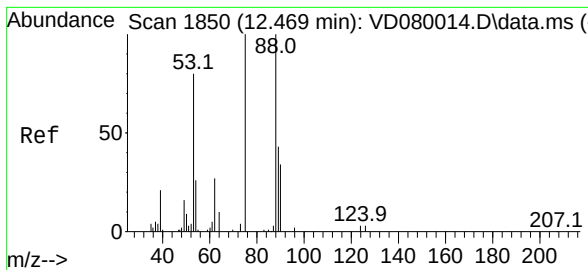
Tgt Ion:105 Resp: 498642

Ion Ratio Lower Upper

105 100

120 49.3 24.6 74.0

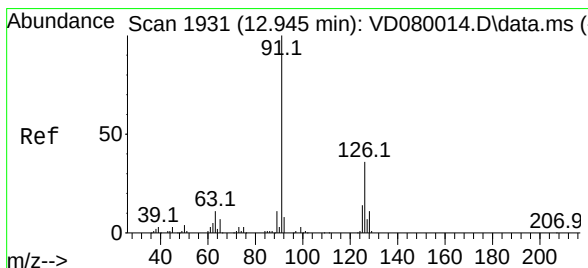
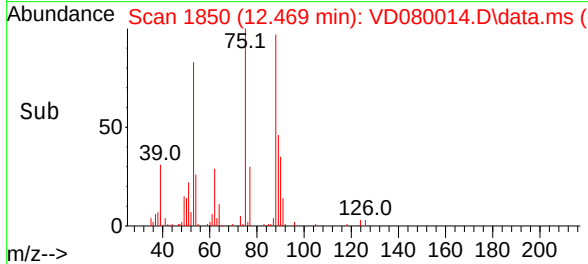
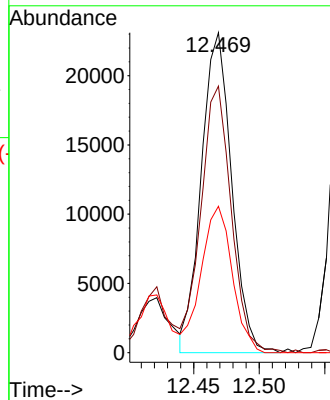
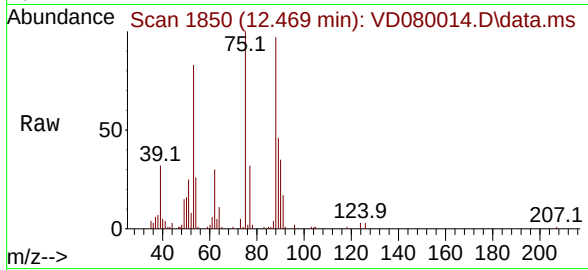




#81
trans-1,4-Dichloro-2-butene
Concen: 54.847 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

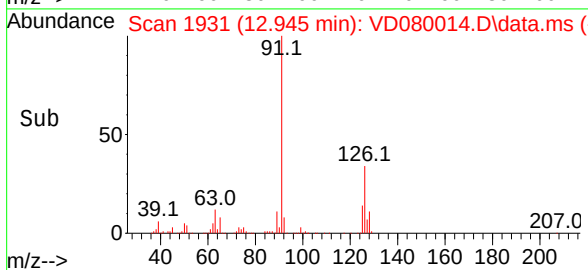
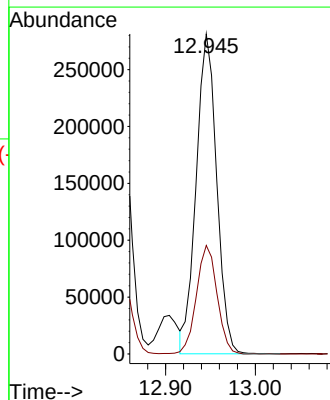
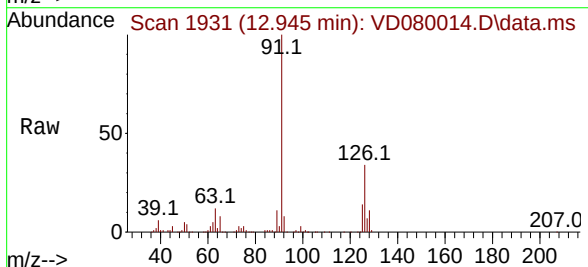
Instrument :
MSVOA_D
ClientSampleId :

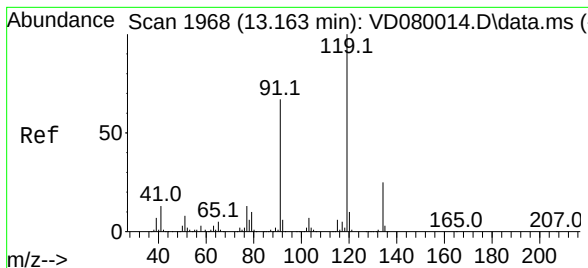
Tgt Ion: 75 Resp: 37130
Ion Ratio Lower Upper
75 100
53 83.4 66.7 100.1
89 47.1 37.7 56.5



#82
4-Chlorotoluene
Concen: 56.578 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

Tgt Ion: 91 Resp: 445736
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.3





#83

tert-Butylbenzene

Concen: 58.512 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_D

ClientSampleId :

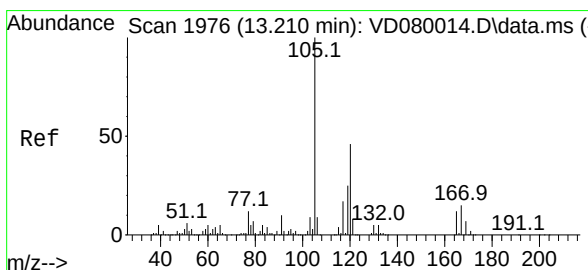
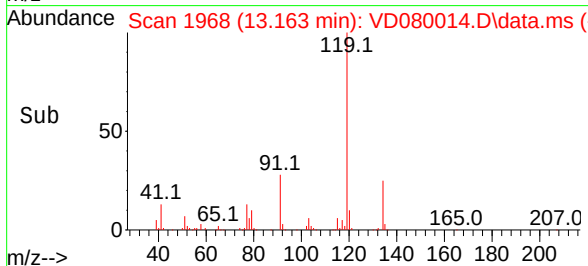
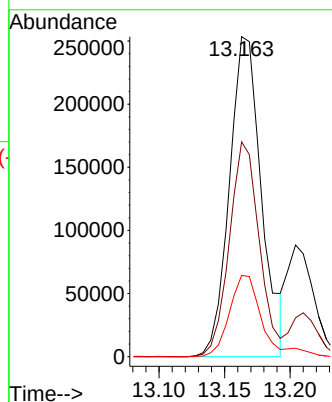
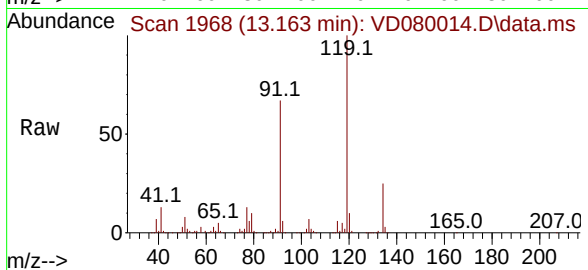
Tgt Ion:119 Resp: 430772

Ion Ratio Lower Upper

119 100

91 62.9 31.4 94.3

134 26.0 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 58.466 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD080014.D

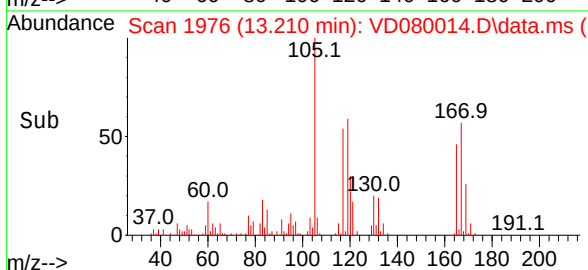
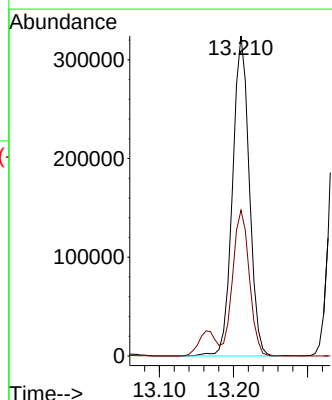
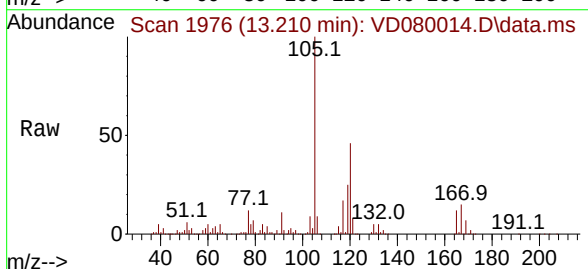
Acq: 14 Nov 2024 19:22

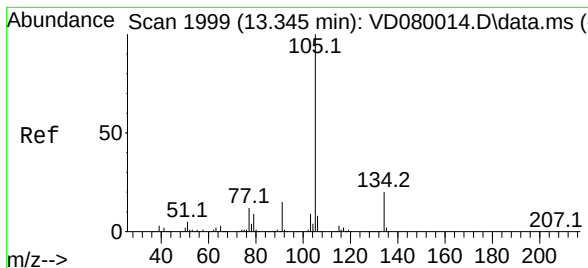
Tgt Ion:105 Resp: 507108

Ion Ratio Lower Upper

105 100

120 45.5 22.8 68.3

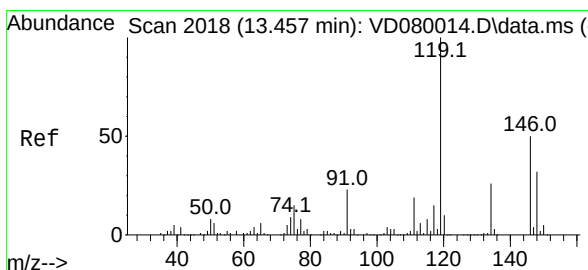
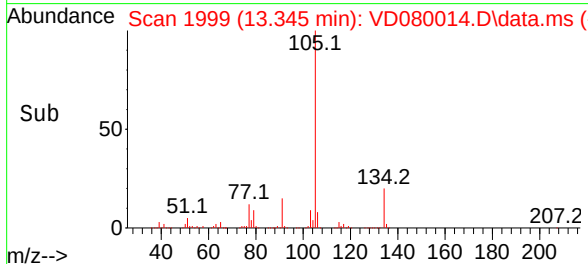
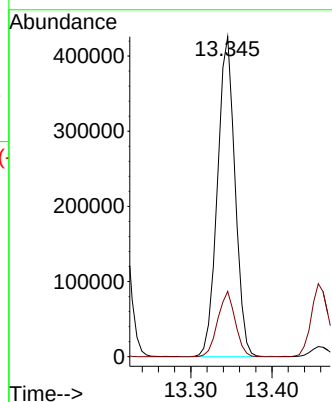
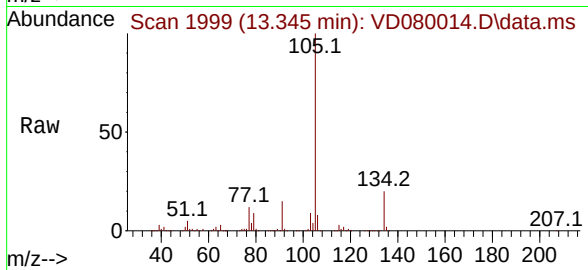




#85
sec-Butylbenzene
Concen: 58.207 ug/l
RT: 13.345 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

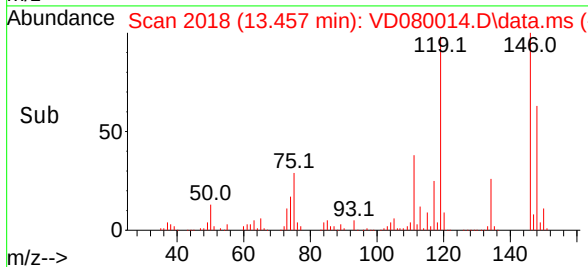
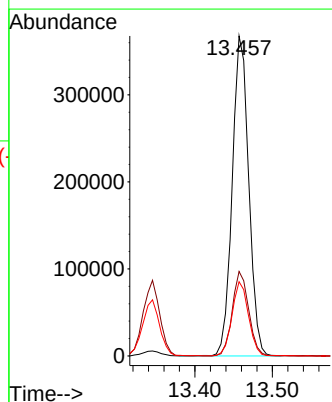
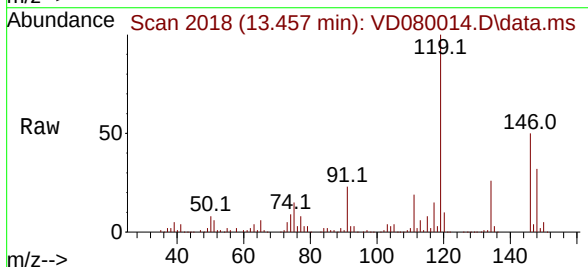
Instrument :
MSVOA_D
ClientSampleId :

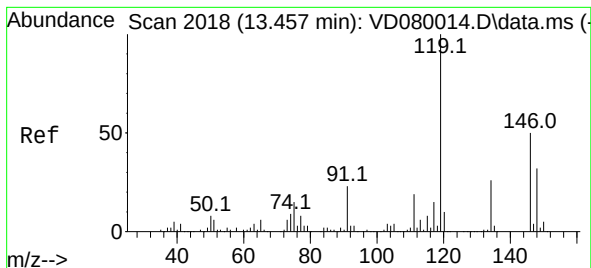
Tgt Ion:105 Resp: 641879
Ion Ratio Lower Upper
105 100
134 20.2 10.1 30.3



#86
p-Isopropyltoluene
Concen: 58.333 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

Tgt Ion:119 Resp: 545762
Ion Ratio Lower Upper
119 100
134 26.2 13.1 39.3
91 23.0 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 54.486 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_D

ClientSampleId :

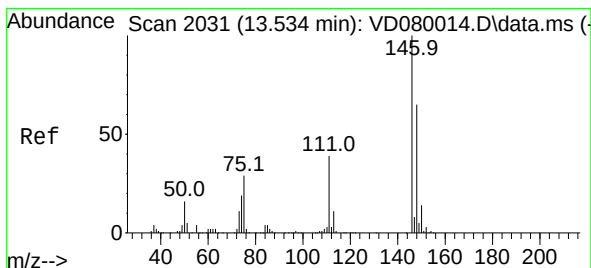
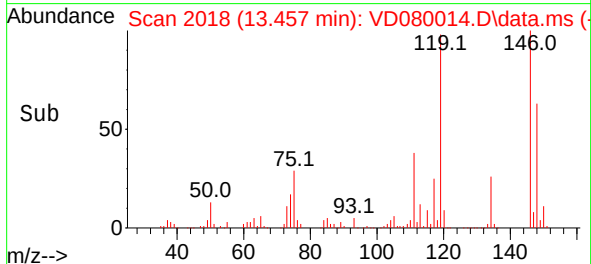
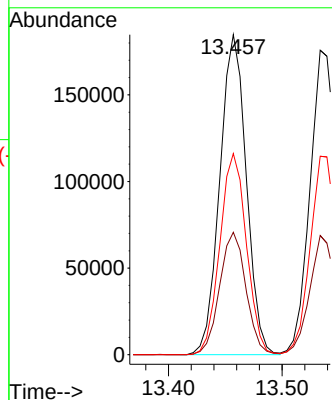
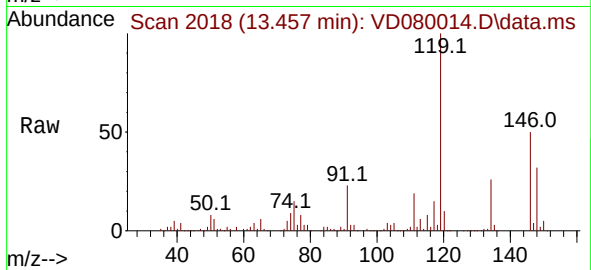
Tgt Ion:146 Resp: 299441

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.1

148 63.1 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 52.968 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

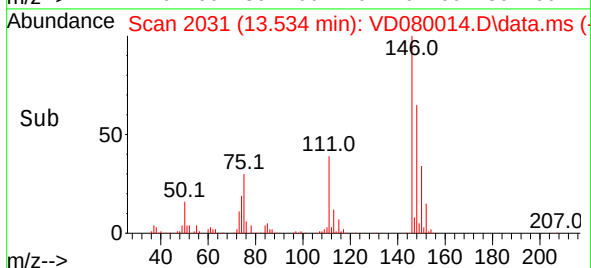
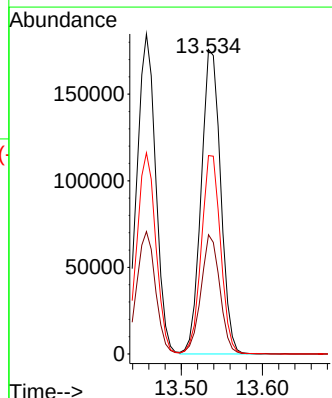
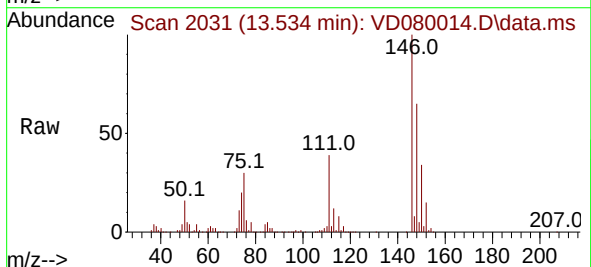
Tgt Ion:146 Resp: 293078

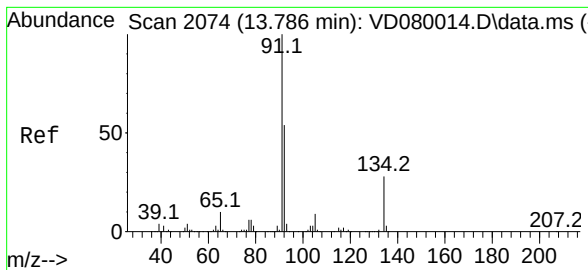
Ion Ratio Lower Upper

146 100

111 38.0 19.0 57.0

148 64.3 32.1 96.5

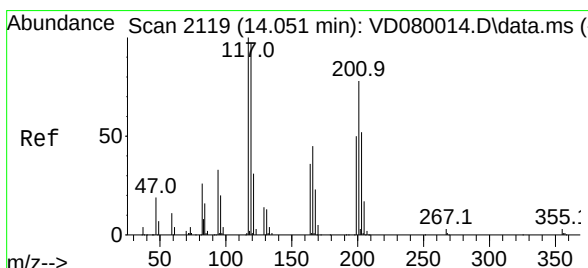
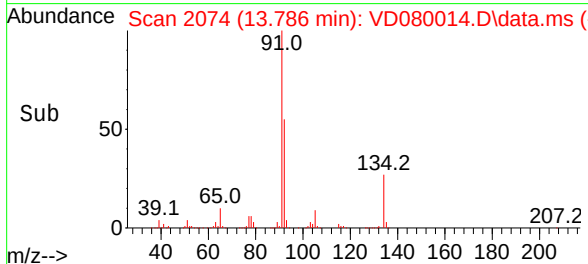
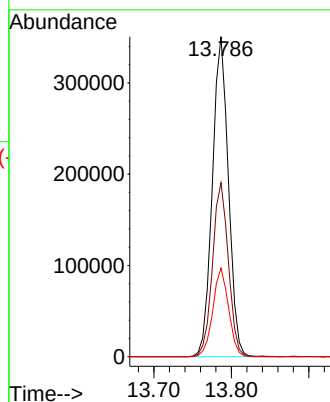
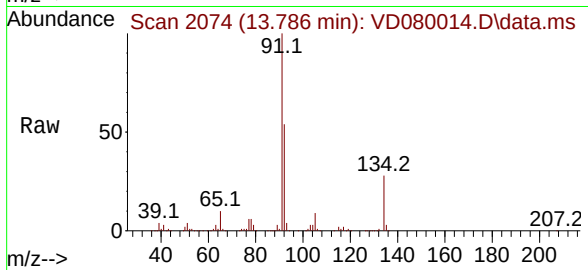




#89
n-Butylbenzene
Concen: 58.009 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

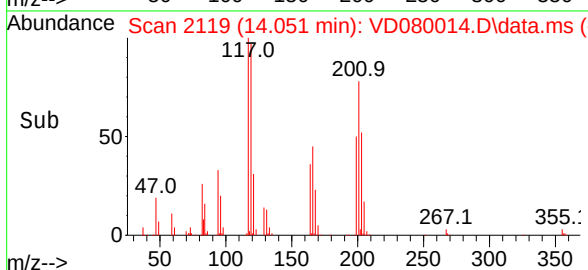
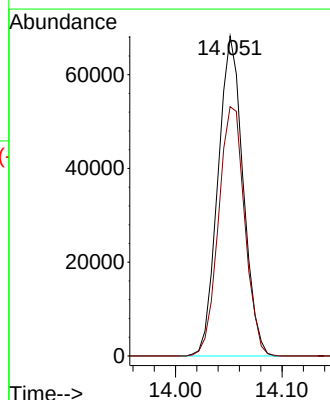
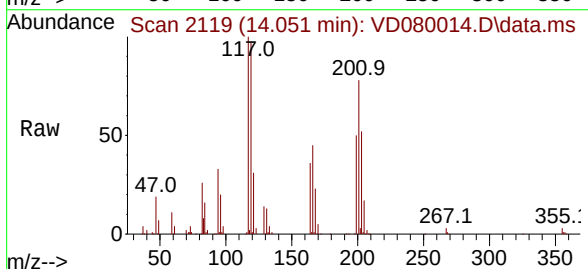
Instrument :
MSVOA_D
ClientSampleId :

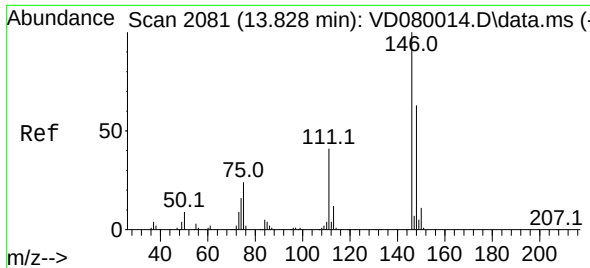
Tgt Ion: 91 Resp: 504535
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.6
134 27.1 13.6 40.7



#90
Hexachloroethane
Concen: 54.883 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

Tgt Ion:117 Resp: 111967
Ion Ratio Lower Upper
117 100
201 81.0 40.5 121.5

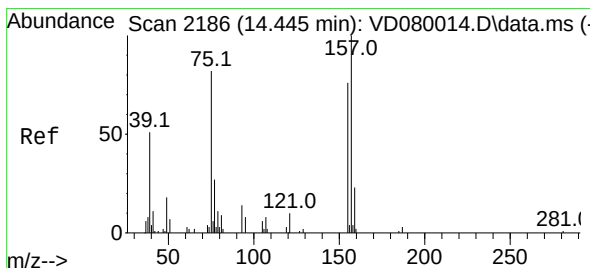
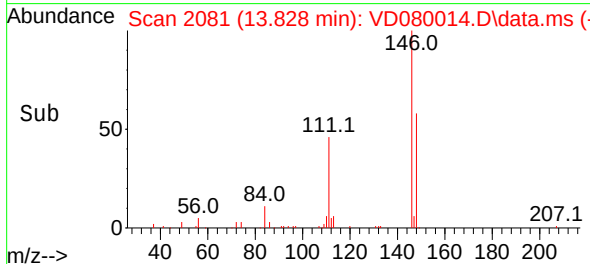
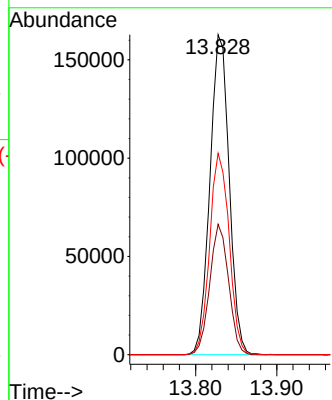
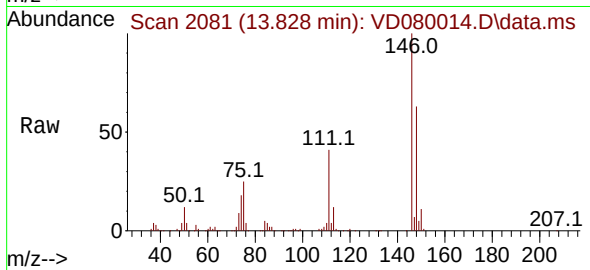




#91
1,2-Dichlorobenzene
Concen: 55.826 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

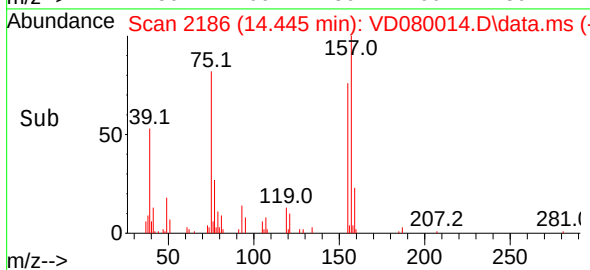
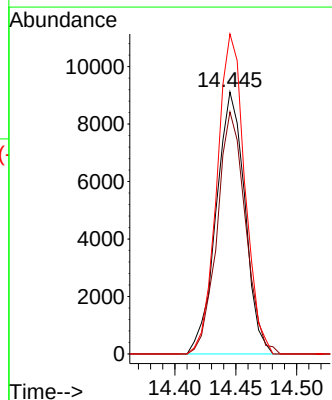
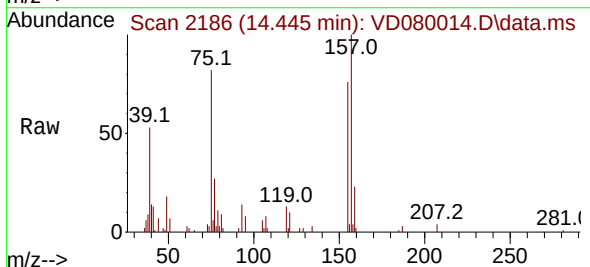
Instrument :
MSVOA_D
ClientSampleId :

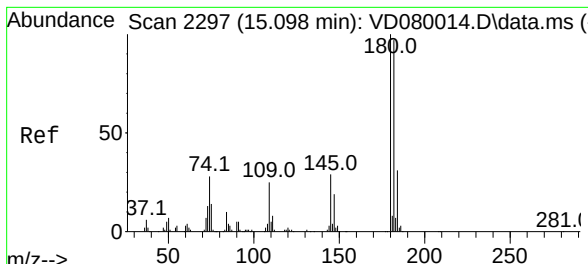
Tgt Ion:146 Resp: 268206
Ion Ratio Lower Upper
146 100
111 39.9 20.0 59.9
148 63.8 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.070 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD080014.D
Acq: 14 Nov 2024 19:22

Tgt Ion: 75 Resp: 14909
Ion Ratio Lower Upper
75 100
155 91.2 45.6 136.8
157 118.7 59.4 178.1

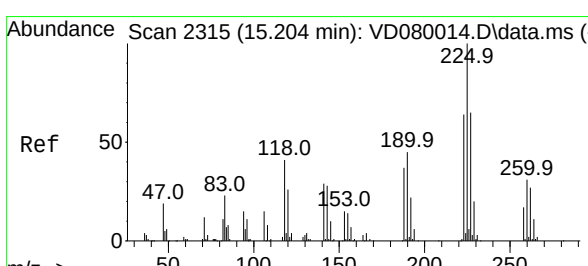
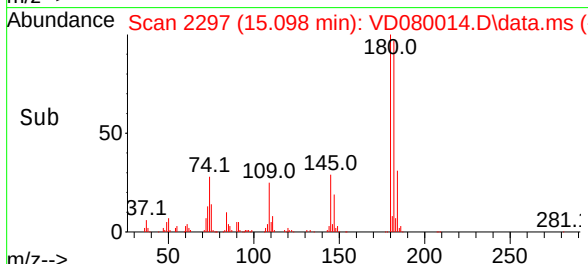
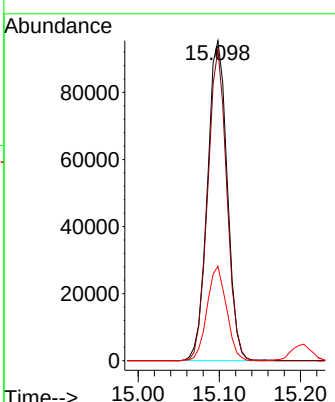
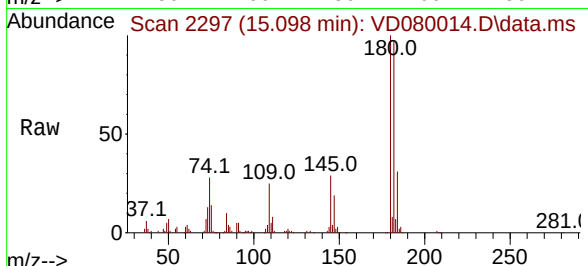




#93
 1,2,4-Trichlorobenzene
 Concen: 54.977 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080014.D
 Acq: 14 Nov 2024 19:22

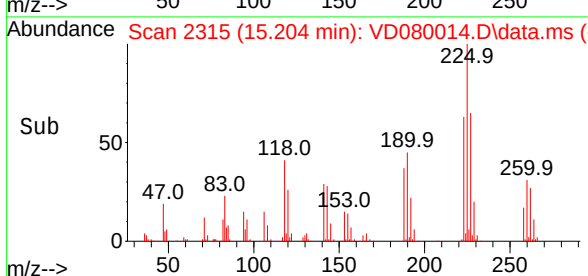
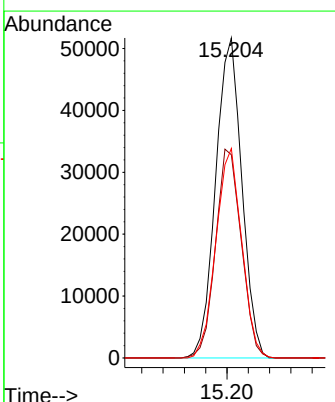
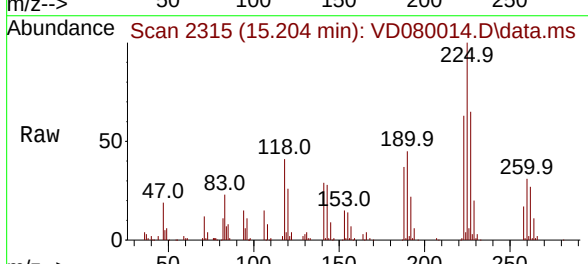
Instrument :
 MSVOA_D
 ClientSampleId :

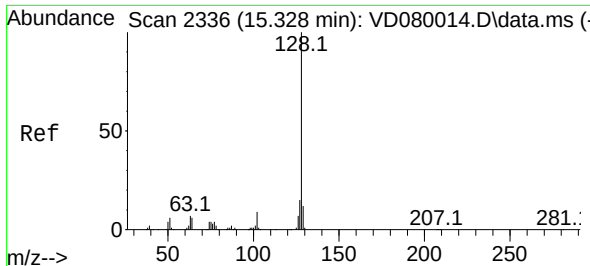
Tgt Ion:	180	Resp:	161904
Ion Ratio	Lower	Upper	
180	100		
182	93.7	46.9	140.6
145	28.9	14.4	43.4



#94
 Hexachlorobutadiene
 Concen: 54.566 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD080014.D
 Acq: 14 Nov 2024 19:22

Tgt Ion:	225	Resp:	88187
Ion Ratio	Lower	Upper	
225	100		
223	64.1	32.0	96.2
227	64.4	32.2	96.6





#95

Naphthalene

Concen: 56.123 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Instrument :

MSVOA_D

ClientSampleId :

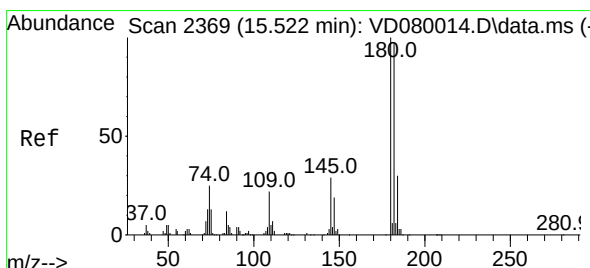
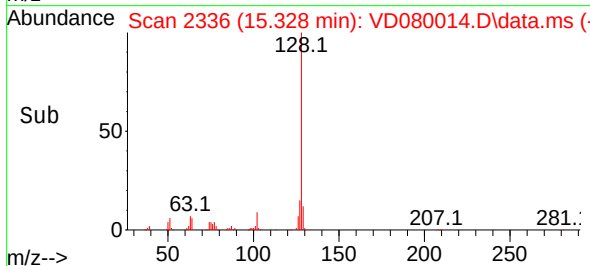
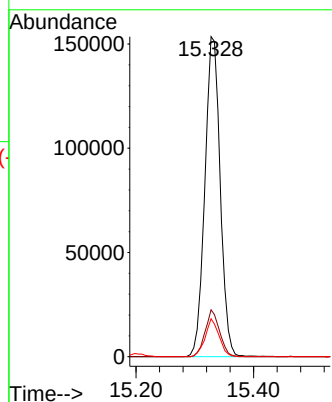
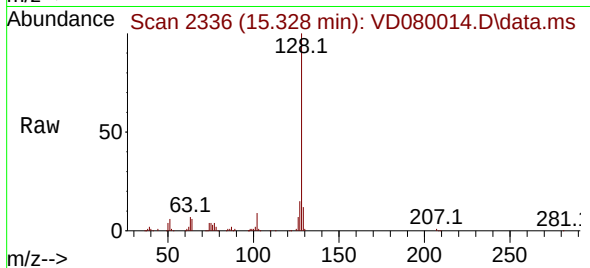
Tgt Ion:128 Resp: 278279

Ion Ratio Lower Upper

128 100

127 14.7 11.8 17.6

129 11.8 9.4 14.2



#96

1,2,3-Trichlorobenzene

Concen: 56.154 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD080014.D

Acq: 14 Nov 2024 19:22

Tgt Ion:180 Resp: 143832

Ion Ratio Lower Upper

180 100

182 94.7 47.3 142.0

145 30.8 15.4 46.2

