

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD110118\
 Data File : VD060262.D
 Acq On : 1 Nov 2018 15:10
 Operator : VA/AP
 Sample : VD1101SBSD01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBSD01

Quant Time: Nov 01 17:41:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	6.405	168	1404857	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.449	114	1940638	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.287	117	1556453	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.373	152	893945	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.789	65	567687	53.31	ug/l	0.03
Spiked Amount 50.000			Recovery	=	106.62%	
35) Dibromofluoromethane	6.327	113	759268	51.52	ug/l	0.03
Spiked Amount 50.000			Recovery	=	103.04%	
50) Toluene-d8	9.466	98	2050238	48.79	ug/l	0.03
Spiked Amount 50.000			Recovery	=	97.58%	
62) 4-Bromofluorobenzene	12.428	95	796956	50.65	ug/l	0.01
Spiked Amount 50.000			Recovery	=	101.30%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.583	85	249902	18.91	ug/l	96
3) Chloromethane	1.751	50	251766	21.13	ug/l	98
4) Vinyl Chloride	1.849	62	220204	22.58	ug/l	95
5) Bromomethane	2.135	94	20927	17.09	ug/l	94
6) Chloroethane	2.233	64	48214	18.12	ug/l	99
7) Trichlorofluoromethane	2.489	101	234209	20.06	ug/l	98
8) Diethyl Ether	2.823	74	57896	24.11	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.079	101	174747	24.02	ug/l	93
10) Methyl Iodide	3.237	142	145345	18.84	ug/l	95
11) Tert butyl alcohol	3.975	59	82902	108.55	ug/l	97
12) 1,1-Dichloroethene	3.060	96	138006	24.08	ug/l	96
13) Acrolein	2.981	56	32258	68.52	ug/l	100
14) Allyl chloride	3.532	41	274928	23.10	ug/l	99
15) Acrylonitrile	4.083	53	372777	117.92	ug/l	96
16) Acetone	3.158	43	281563	145.71	ug/l	100
17) Carbon Disulfide	3.306	76	408138	21.18	ug/l	100
18) Methyl Acetate	3.552	43	96331	23.19	ug/l	100
19) Methyl tert-butyl Ether	4.122	73	577748	22.93	ug/l	99
20) Methylene Chloride	3.709	84	350133	20.48	ug/l	98
21) trans-1,2-Dichloroethene	4.093	96	320967	21.69	ug/l	97
22) Diisopropyl ether	4.860	45	1231422	23.17	ug/l	98
23) Vinyl Acetate	4.801	43	3606691	120.71	ug/l	99
24) 1,1-Dichloroethane	4.752	63	564655	23.43	ug/l	99
25) 2-Butanone	5.628	43	656824	136.06	ug/l	98
26) 2,2-Dichloropropane	5.589	77	436501	23.89	ug/l	98
27) cis-1,2-Dichloroethene	5.589	96	351356	22.41	ug/l	91
28) Bromochloromethane	5.923	49	256668	21.92	ug/l	98
29) Tetrahydrofuran	5.953	42	335464	119.64	ug/l	99
30) Chloroform	6.100	83	562345	23.07	ug/l	98
31) Cyclohexane	6.366	56	504076	21.85	ug/l	98
32) 1,1,1-Trichloroethane	6.297	97	459903	23.03	ug/l	98
36) 1,1-Dichloropropene	6.524	75	427572	23.06	ug/l	98
37) Ethyl Acetate	5.697	43	297785	24.19	ug/l	97

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Instrument :
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 ClientSampleId :
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Quant Time: Nov 01 17:41:25 2018
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Carbon Tetrachloride	6.504	117	379976	22.58	ug/l	97
39) Methylcyclohexane	8.039	83	469707	22.29	ug/l	98
40) Benzene	6.799	78	1116851	23.02	ug/l	100
41) Methacrylonitrile	5.953	41	332510	47.79	ug/l #	92
42) 1,2-Dichloroethane	6.898	62	314281	22.60	ug/l	98
43) Isopropyl Acetate	8.354	43	373531	23.07	ug/l #	99
44) Trichloroethene	7.744	130	331822	22.09	ug/l	98
45) 1,2-Dichloropropane	8.108	63	288317	22.70	ug/l	96
46) Dibromomethane	8.226	93	188196	22.88	ug/l	99
47) Bromodichloromethane	8.492	83	405575	23.14	ug/l	98
48) Methyl methacrylate	8.256	41	205789	22.31	ug/l	99
49) 1,4-Dioxane	8.236	88	42295	466.01	ug/l	95
51) 4-Methyl-2-Pentanone	9.348	43	1225284	119.96	ug/l	99
52) Toluene	9.555	92	702471	22.48	ug/l	99
53) t-1,3-Dichloropropene	9.928	75	364809	23.01	ug/l	99
54) cis-1,3-Dichloropropene	9.112	75	446746	22.82	ug/l	99
55) 1,1,2-Trichloroethane	10.184	97	228788	22.40	ug/l	96
56) Ethyl methacrylate	10.037	69	262777	23.31	ug/l	96
57) 1,3-Dichloropropane	10.391	76	365810	23.48	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.925	63	753783	120.39	ug/l	94
59) 2-Hexanone	10.499	43	989617	134.74	ug/l	100
60) Dibromochloromethane	10.647	129	292915	23.37	ug/l	98
61) 1,2-Dibromoethane	10.765	107	242240	22.32	ug/l	97
64) Tetrachloroethene	10.263	164	313075	22.97	ug/l	96
65) Chlorobenzene	11.316	112	764604	22.71	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.424	131	267284	23.79	ug/l	97
67) Ethyl Benzene	11.434	91	1310541	24.02	ug/l	99
68) m/p-Xylenes	11.572	106	998151	48.97	ug/l	99
69) o-Xylene	11.936	106	478475	23.73	ug/l	90
70) Styrene	11.966	104	796811	23.63	ug/l	98
71) Bromoform	12.123	173	209577	23.04	ug/l	98
73) Isopropylbenzene	12.280	105	1303642	22.10	ug/l	99
74) N-amyl acetate	12.143	43	482027	22.31	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.566	83	289695	22.50	ug/l	96
76) 1,2,3-Trichloropropane	12.605	75	279348	21.70	ug/l	98
77) Bromobenzene	12.546	156	370408	21.61	ug/l	93
78) n-propylbenzene	12.645	91	1655781	22.61	ug/l	98
79) 2-Chlorotoluene	12.713	91	886629	21.81	ug/l	98
80) 1,3,5-Trimethylbenzene	12.802	105	1060585	23.24	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.349	75	74742	20.66	ug/l	94
82) 4-Chlorotoluene	12.812	91	1074800	23.38	ug/l	93
83) tert-Butylbenzene	13.048	119	1178296	22.50	ug/l	95
84) 1,2,4-Trimethylbenzene	13.097	105	1063917	22.12	ug/l	98
85) sec-Butylbenzene	13.225	105	1384097	22.35	ug/l	99
86) p-Isopropyltoluene	13.343	119	1142965	22.50	ug/l	97
87) 1,3-Dichlorobenzene	13.314	146	661823	22.17	ug/l	99
88) 1,4-Dichlorobenzene	13.392	146	663472	22.12	ug/l	99
89) n-Butylbenzene	13.648	91	1151901	23.24	ug/l	98
90) Hexachloroethane	13.865	117	258439	21.98	ug/l	79
91) 1,2-Dichlorobenzene	13.668	146	573320	22.84	ug/l	95

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Instrument :
MSVOA_D
ClientSampleId :
VD1101SBSD01

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration

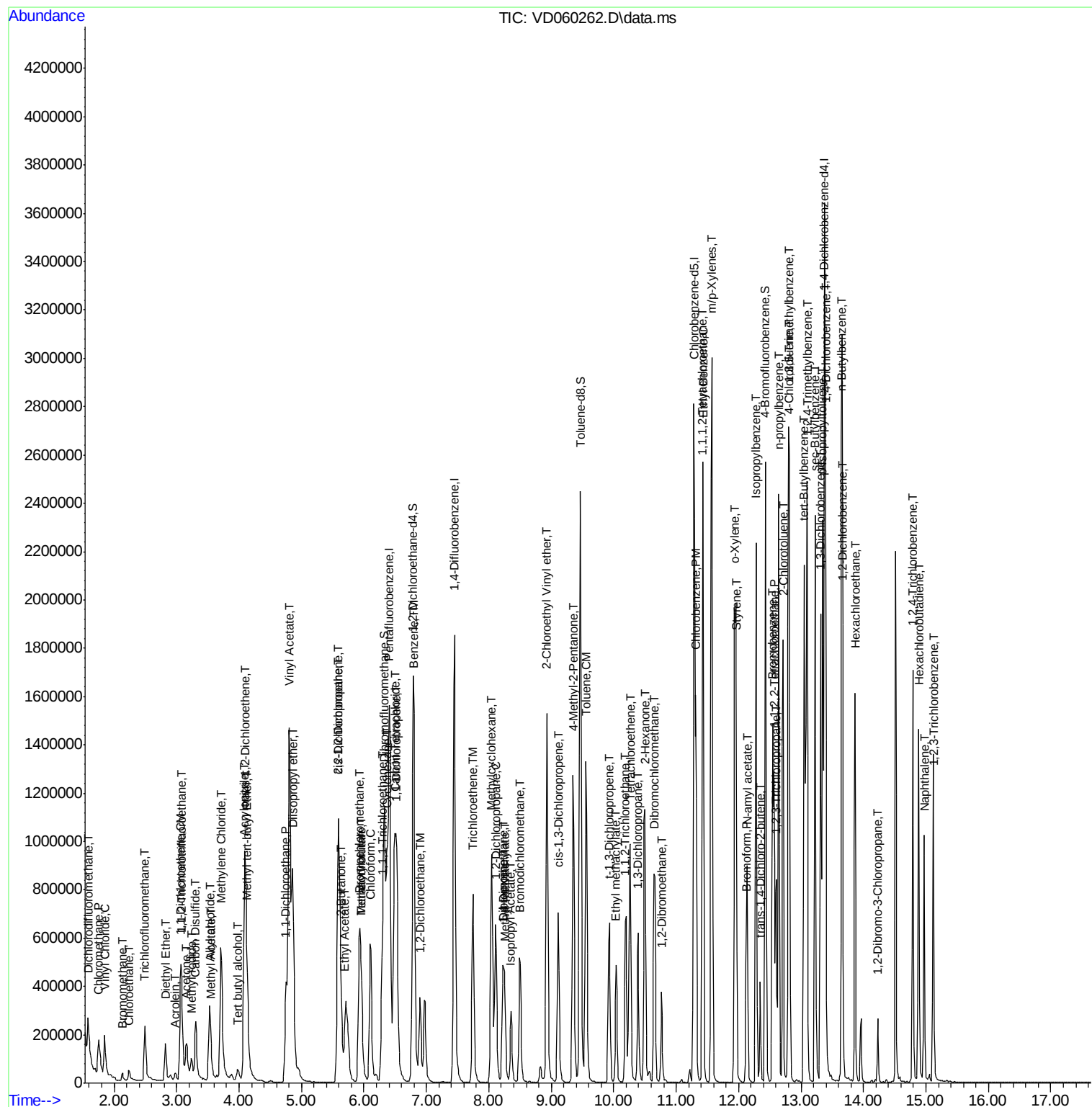
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.229	75	36916	21.47	ug/l	77
93) 1,2,4-Trichlorobenzene	14.790	180	459098	21.54	ug/l	98
94) Hexachlorobutadiene	14.888	225	299389	21.14	ug/l	98
95) Naphthalene	14.977	128	680822	21.55	ug/l	99
96) 1,2,3-Trichlorobenzene	15.124	180	395113	21.31	ug/l	97

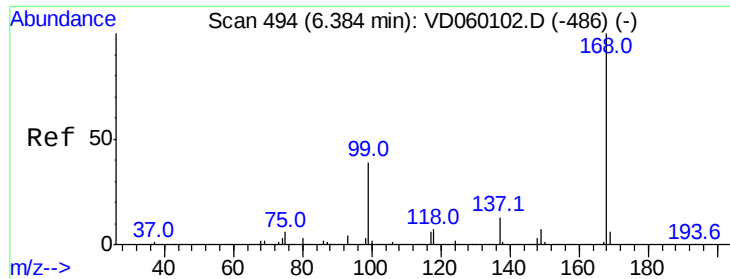
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Data File : VD060262.D
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Misc : 5.00µl/5ml/MSVOA D/SOIL
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Quant Title : SW846 8260
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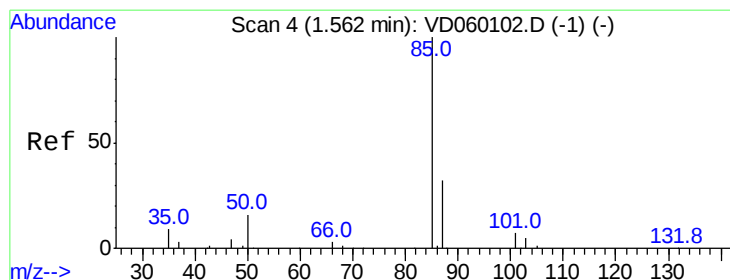
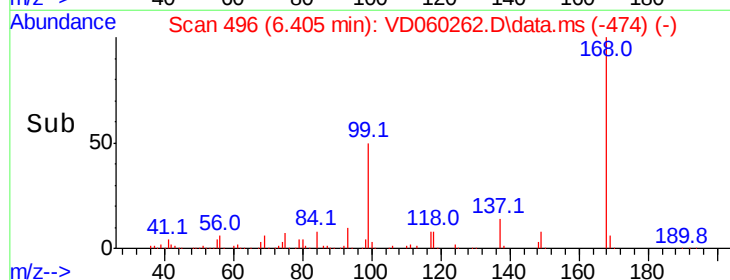
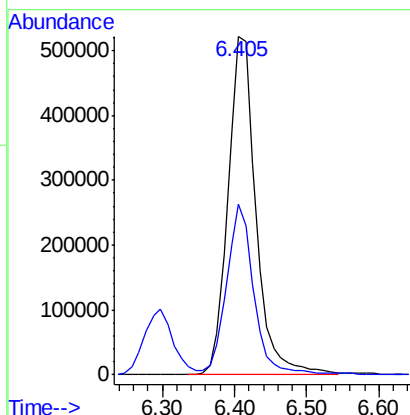
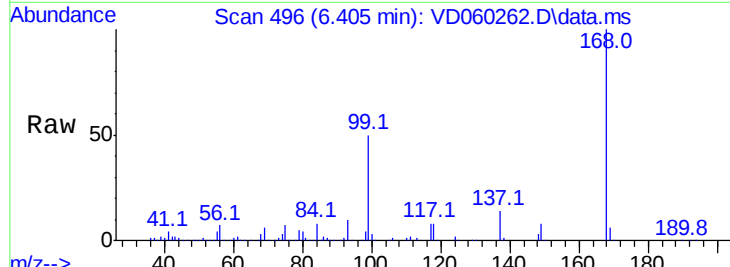




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 6.405 min Scan# 49
Delta R.T. 0.021 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

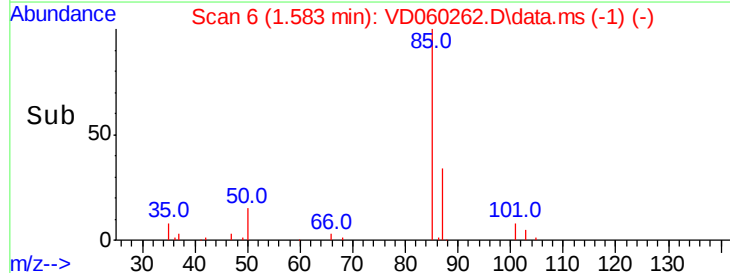
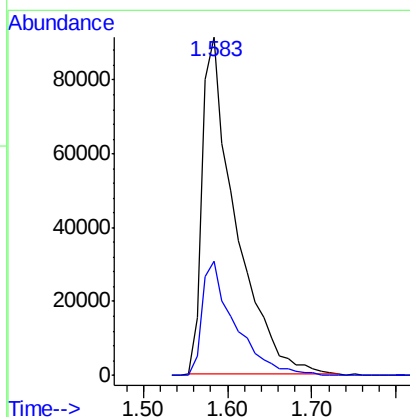
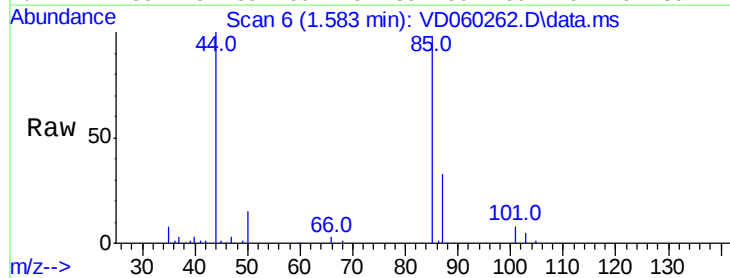
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBSD01

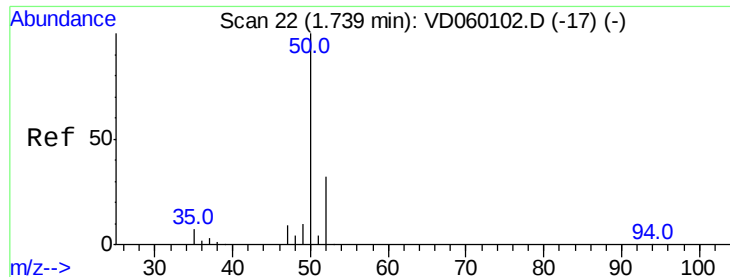
Tot Ion:168 Resp: 1404857
Ion Ratio Lower Upper
168 100
99 50.2 35.4 53.0



#2
Dichlorodifluoromethane
Concen: 18.91 ug/l
RT: 1.583 min Scan# 6
Delta R.T. 0.021 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

Tgt Ion: 85 Resp: 249902
Ion Ratio Lower Upper
85 100
87 33.9 15.9 47.6

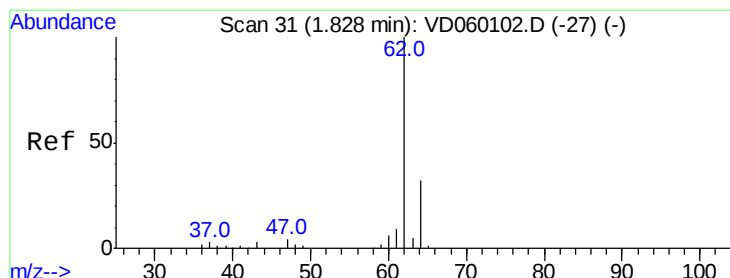
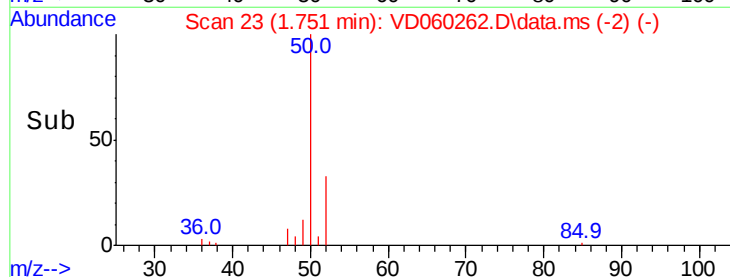
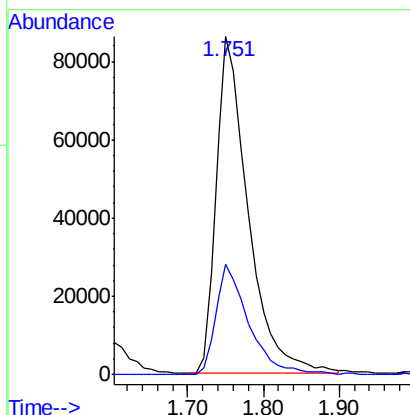
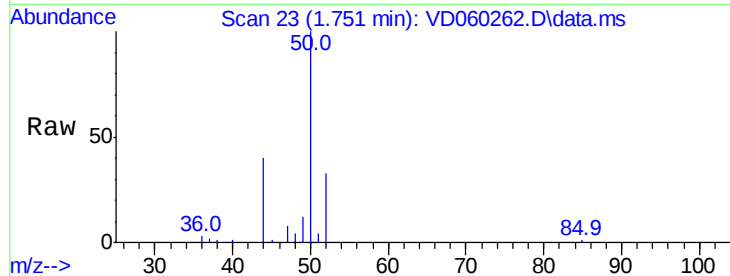




#3
Chloromethane
Concen: 21.13 ug/l
RT: 1.751 min Scan# 23
Delta R.T. 0.011 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

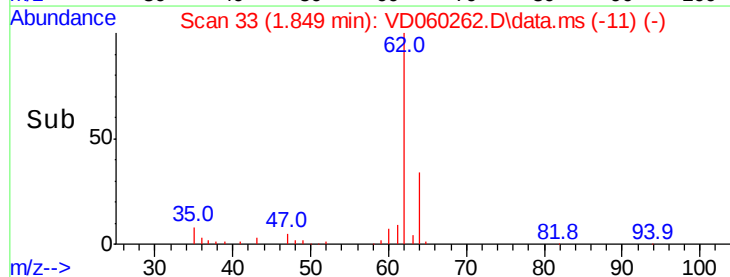
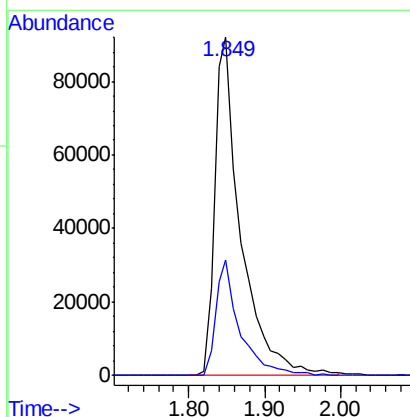
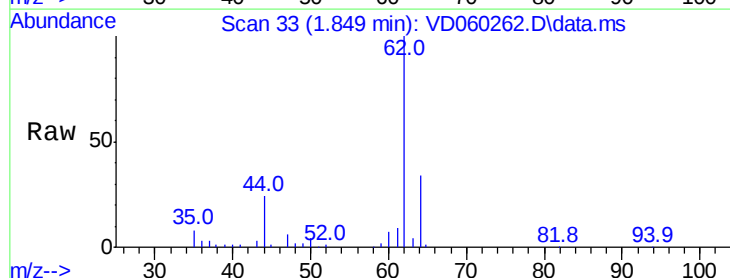
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBS01

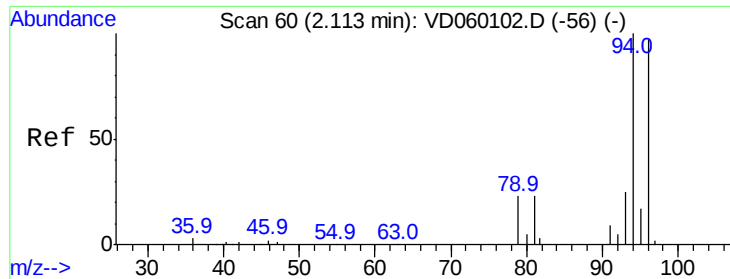
Tot Ion: 50 Resp: 251766
Ion Ratio Lower Upper
50 100
52 32.6 25.3 37.9



#4
Vinyl Chloride
Concen: 22.58 ug/l
RT: 1.849 min Scan# 33
Delta R.T. 0.021 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

Tgt Ion: 62 Resp: 220204
Ion Ratio Lower Upper
62 100
64 34.2 25.2 37.8





#5

Bromomethane

Concen: 17.09 ug/l

RT: 2.135 min Scan# 62

Delta R.T. 0.021 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Instrument :

MSVOA_D

ClientSampleId :

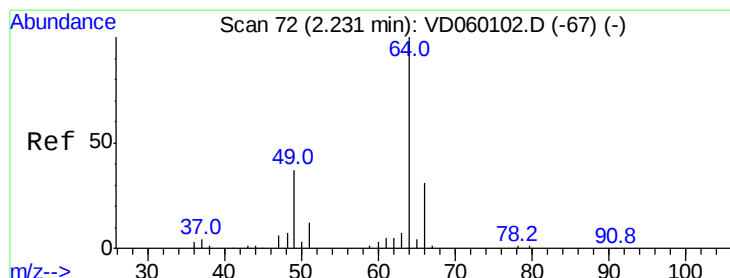
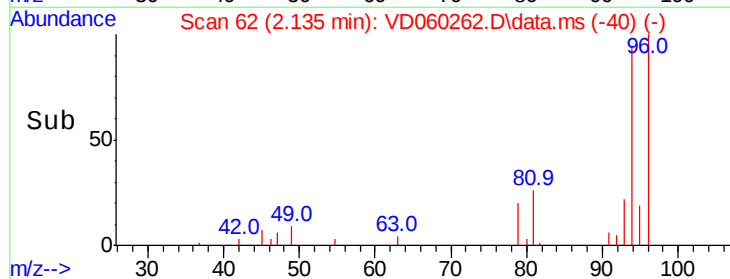
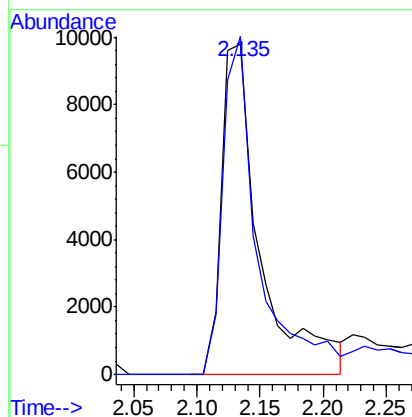
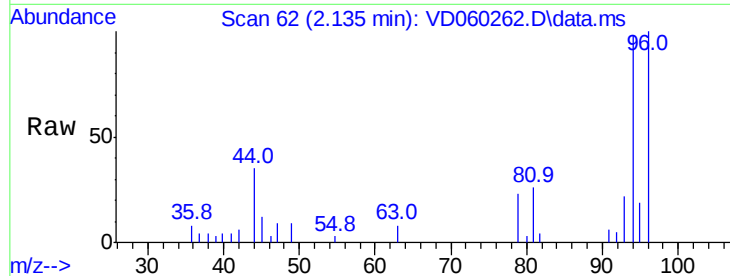
VD1101SBSD01

Tot Ion: 94 Resp: 20927

Ion Ratio Lower Upper

94 100

96 102.4 77.4 116.2



#6

Chloroethane

Concen: 18.12 ug/l

RT: 2.233 min Scan# 72

Delta R.T. 0.001 min

Lab File: VD060262.D

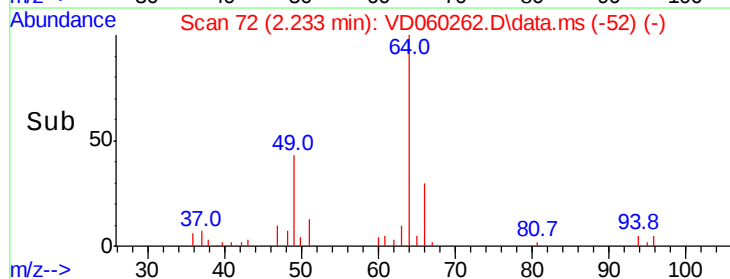
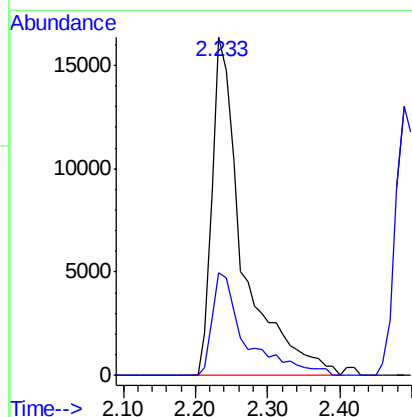
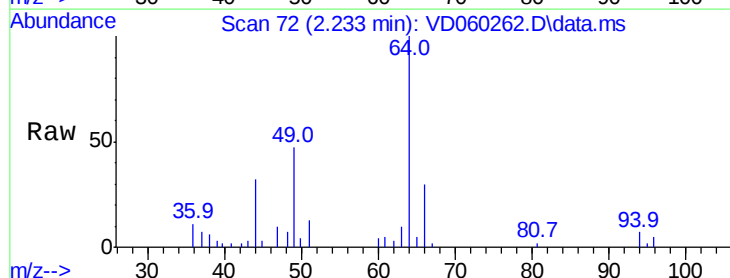
Acq: 1 Nov 2018 15:10

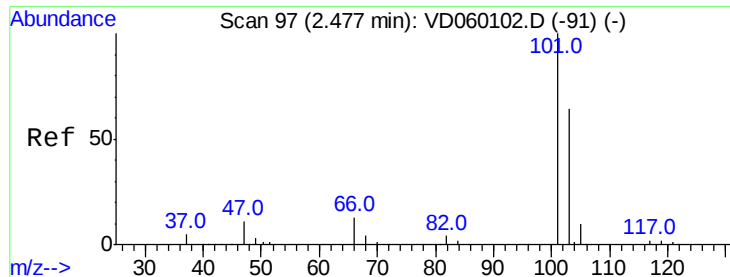
Tgt Ion: 64 Resp: 48214

Ion Ratio Lower Upper

64 100

66 30.5 24.6 37.0





#7

Trichlorofluoromethane

Concen: 20.06 ug/l

RT: 2.489 min Scan# 98

Delta R.T. 0.011 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Instrument :

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ClientSampleId :

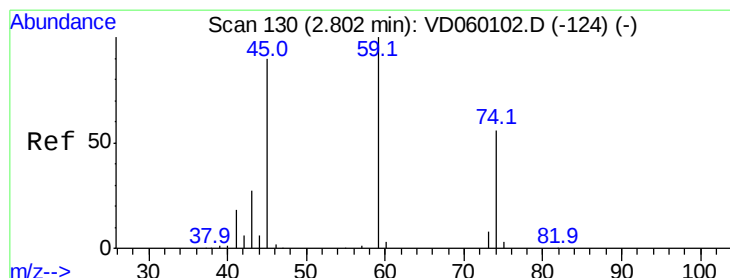
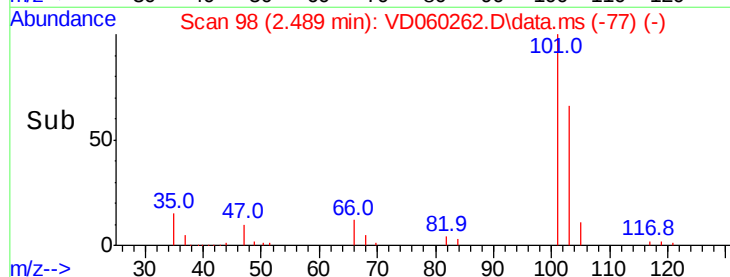
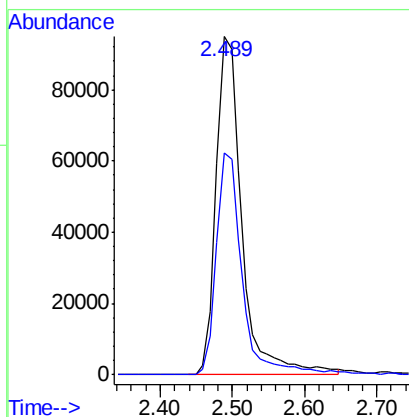
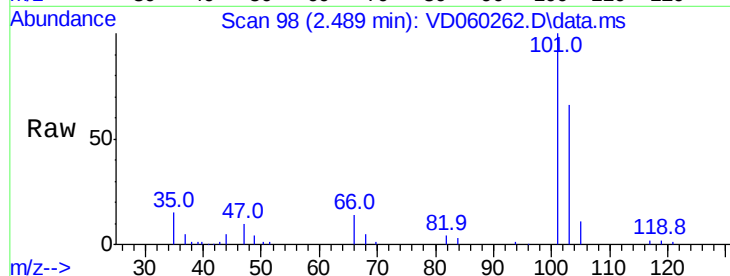
VD1101SBS01

Tot Ion:101 Resp: 234209

Ion Ratio Lower Upper

101 100

103 65.7 51.5 77.3



#8

Diethyl Ether

Concen: 24.11 ug/l

RT: 2.823 min Scan# 132

Delta R.T. 0.021 min

Lab File: VD060262.D

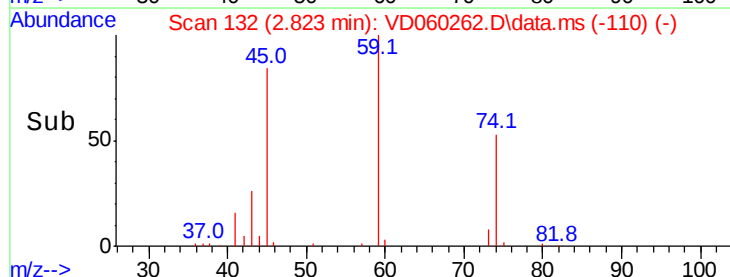
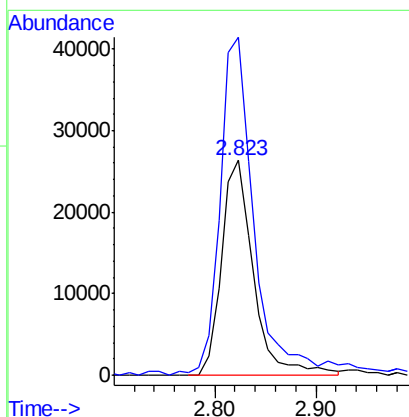
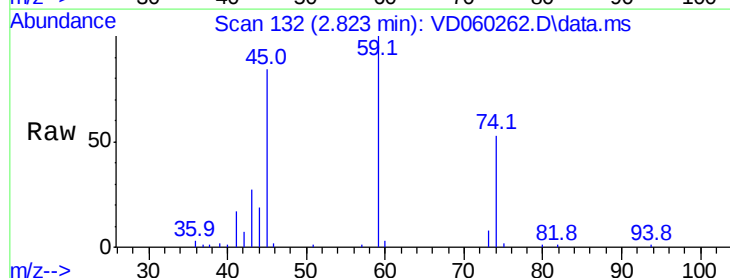
Acq: 1 Nov 2018 15:10

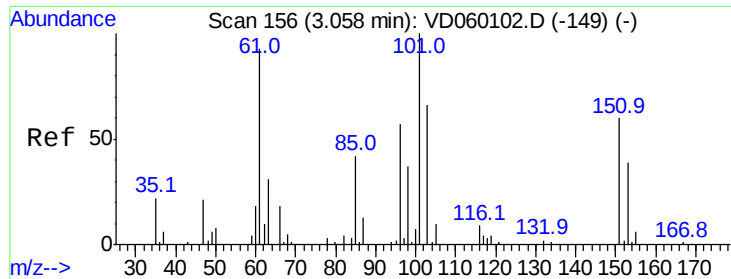
Tgt Ion: 74 Resp: 57896

Ion Ratio Lower Upper

74 100

45 157.1 80.3 241.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.02 ug/l

RT: 3.079 min Scan# 15

Delta R.T. 0.021 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Instrument :

MSVOA_D

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VD1101SBSD01

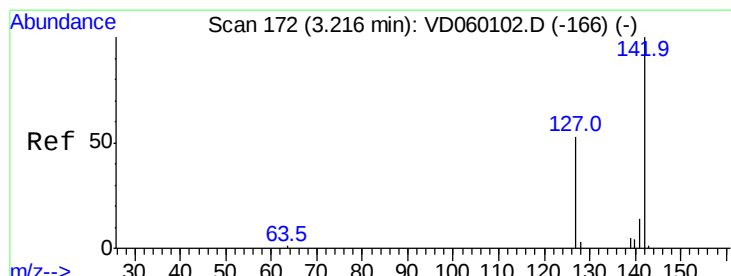
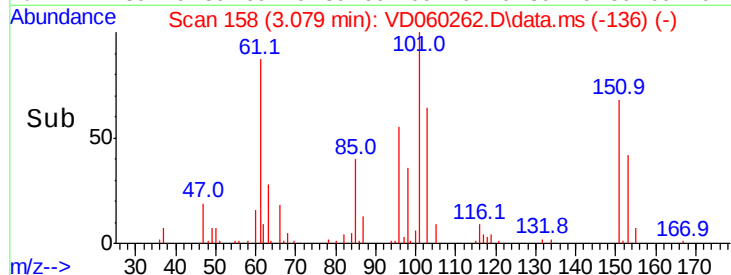
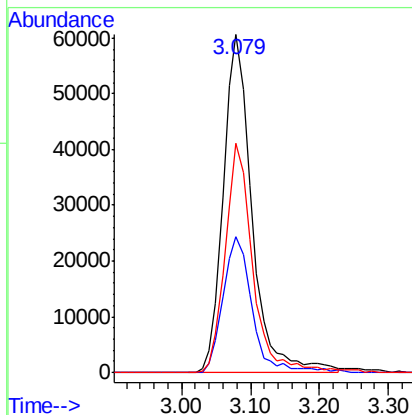
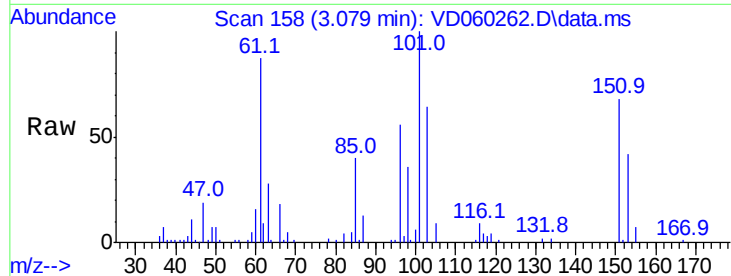
Tot Ion:101 Resp: 174747

Ion Ratio Lower Upper

101 100

85 40.1 33.4 50.0

151 68.0 48.0 72.0



#10

Methyl Iodide

Concen: 18.84 ug/l

RT: 3.237 min Scan# 174

Delta R.T. 0.021 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

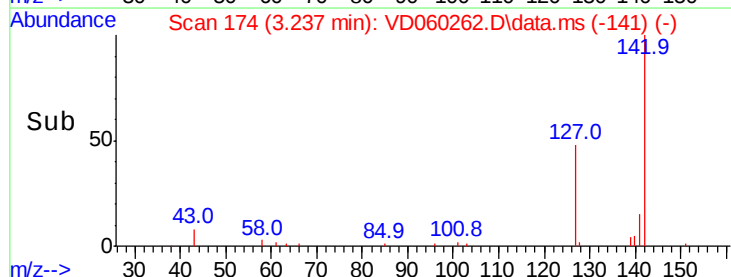
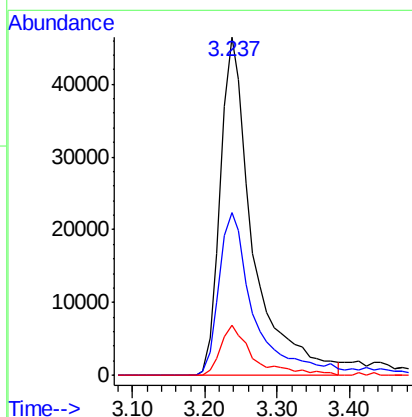
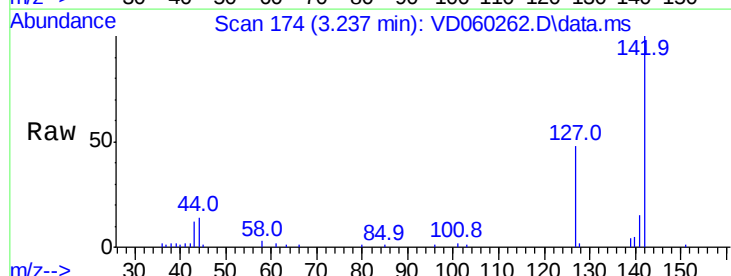
Tgt Ion:142 Resp: 145345

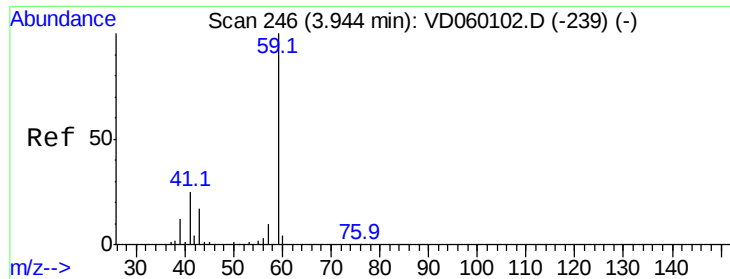
Ion Ratio Lower Upper

142 100

127 48.0 42.0 63.0

141 14.8 11.4 17.0





#11

Tert butyl alcohol

Concen: 108.55 ug/l

RT: 3.975 min Scan# 24

Delta R.T. 0.031 min

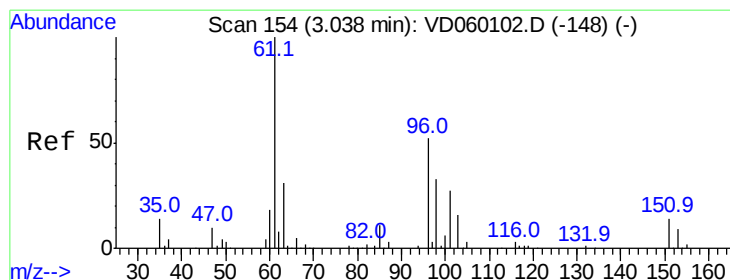
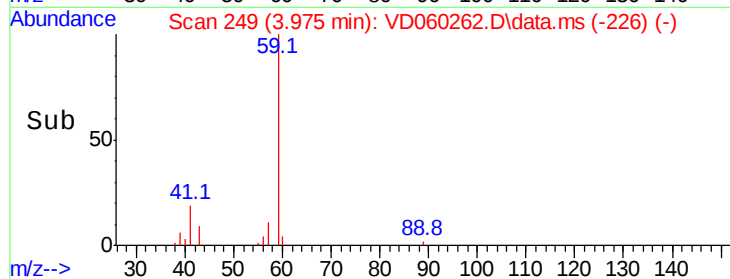
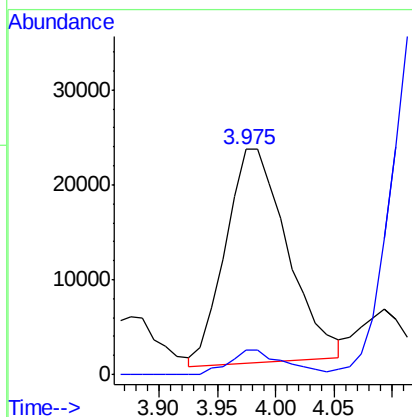
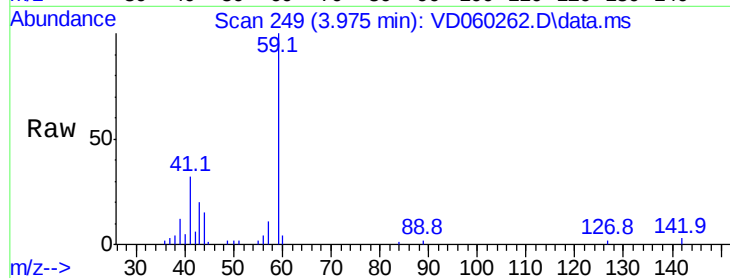
Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Instrument :
MSVOA_D
ClientSampleId :
VD1101SBSD01

Tot Ion: 59 Resp: 82902

Ion	Ratio	Lower	Upper
59	100		
57	10.8	7.8	11.6



#12

1,1-Dichloroethene

Concen: 24.08 ug/l

RT: 3.060 min Scan# 156

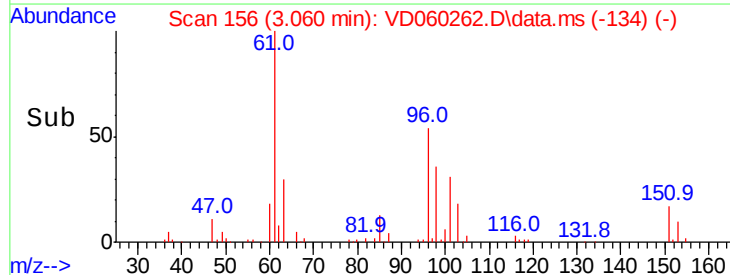
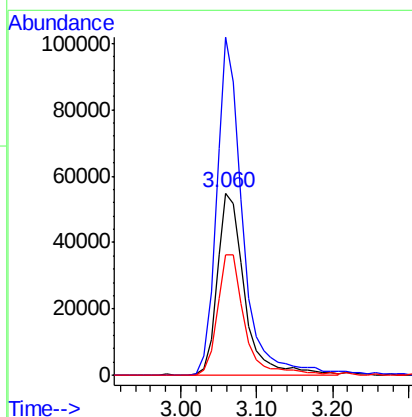
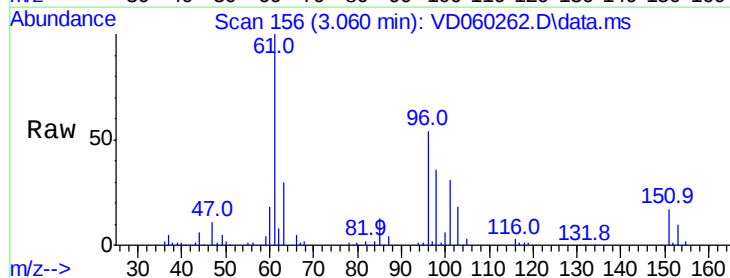
Delta R.T. 0.021 min

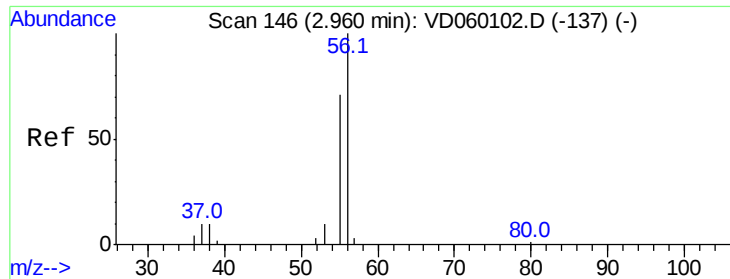
Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Tgt Ion: 96 Resp: 138006

Ion	Ratio	Lower	Upper
96	100		
61	185.2	153.0	229.4
98	66.3	51.1	76.7





#13

Acrolein

Concen: 68.52 ug/l

RT: 2.981 min Scan# 14

Delta R.T. 0.021 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Instrument :

MSVOA_D

ClientSampleId :

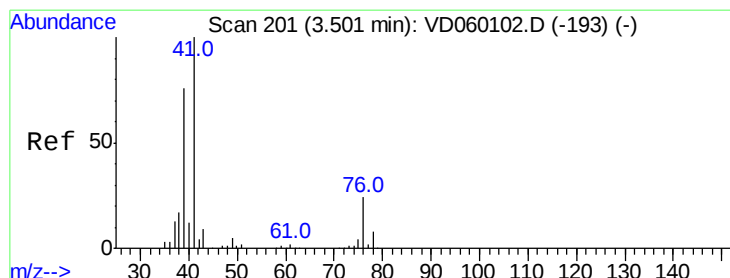
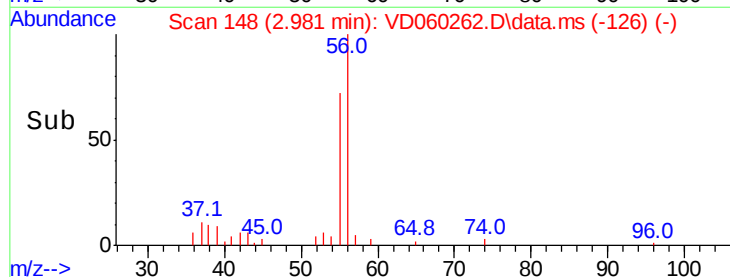
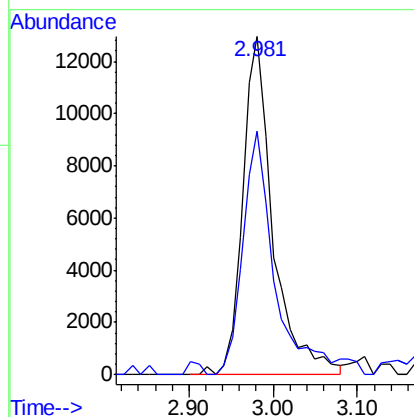
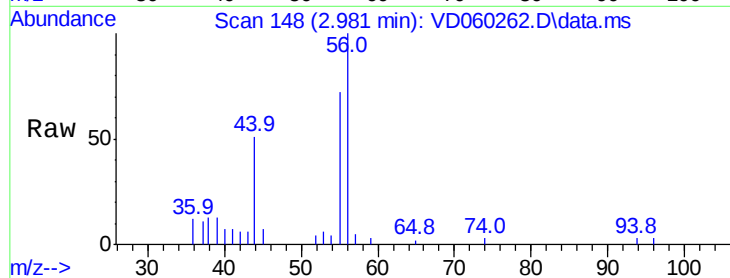
VD1101SBSD01

Tot Ion: 56 Resp: 32258

Ion Ratio Lower Upper

56 100

55 72.0 57.4 86.2



#14

Allyl chloride

Concen: 23.10 ug/l

RT: 3.532 min Scan# 204

Delta R.T. 0.031 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

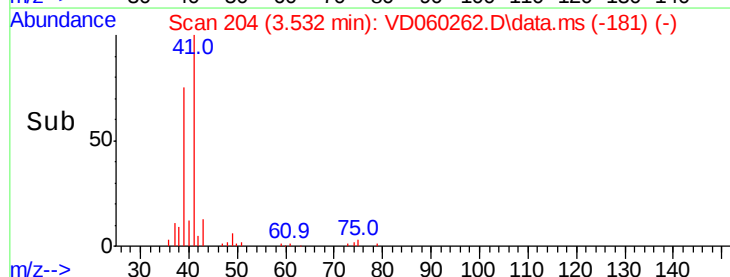
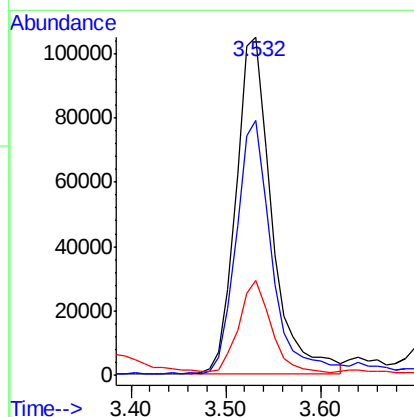
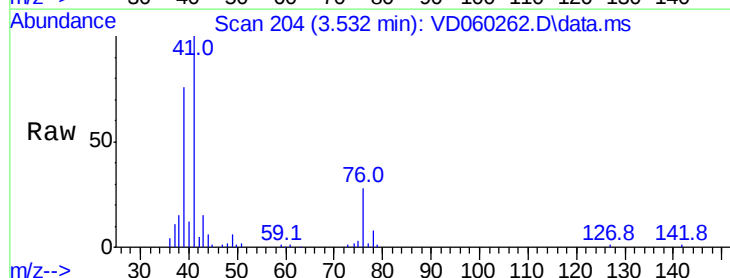
Tgt Ion: 41 Resp: 274928

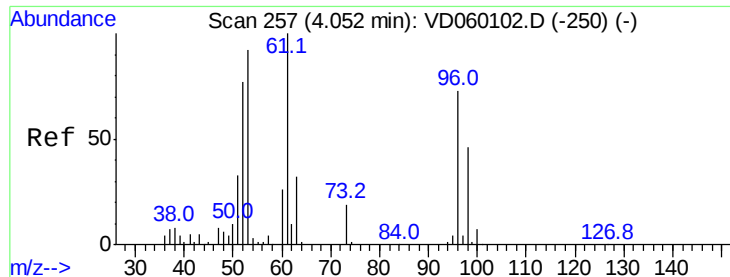
Ion Ratio Lower Upper

41 100

39 75.5 60.6 90.8

76 27.9 21.3 31.9





#15

Acrylonitrile

Concen: 117.92 ug/l

RT: 4.083 min Scan# 26

Delta R.T. 0.031 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBSD01

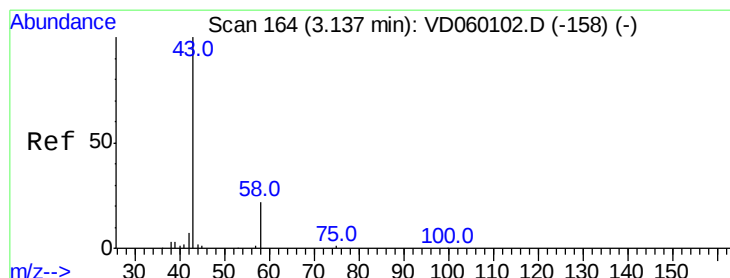
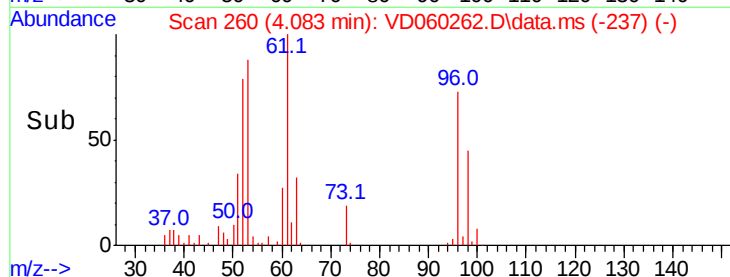
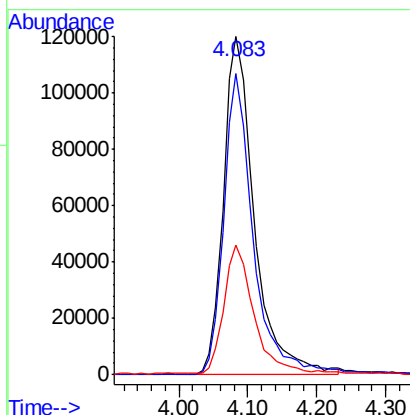
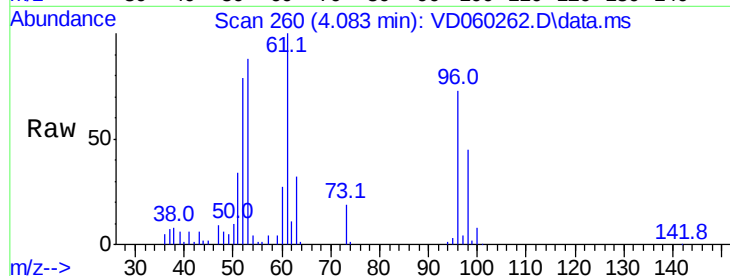
Tot Ion: 53 Resp: 372777

Ion Ratio Lower Upper

53 100

52 88.9 67.5 101.3

51 38.2 29.3 43.9



#16

Acetone

Concen: 145.71 ug/l

RT: 3.158 min Scan# 166

Delta R.T. 0.021 min

Lab File: VD060262.D

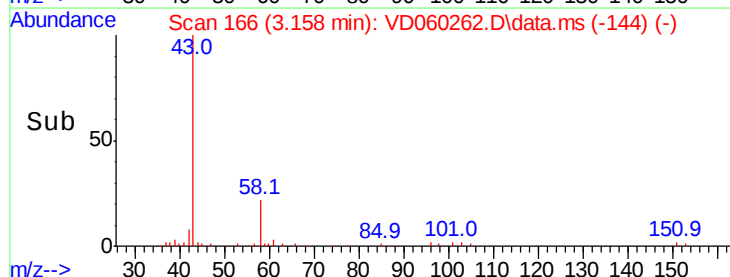
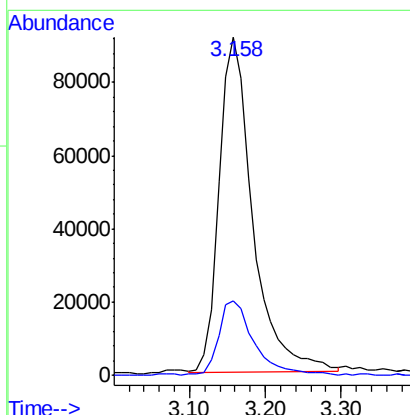
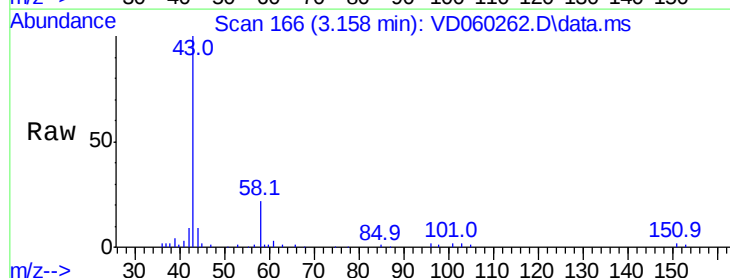
Acq: 1 Nov 2018 15:10

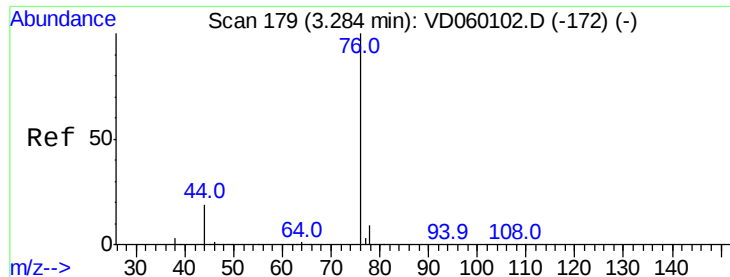
Tgt Ion: 43 Resp: 281563

Ion Ratio Lower Upper

43 100

58 22.1 17.7 26.5





#17

Carbon Disulfide

Concen: 21.18 ug/l

RT: 3.306 min Scan# 18

Delta R.T. 0.021 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Instrument :

MSVOA_D

ClientSampleId :

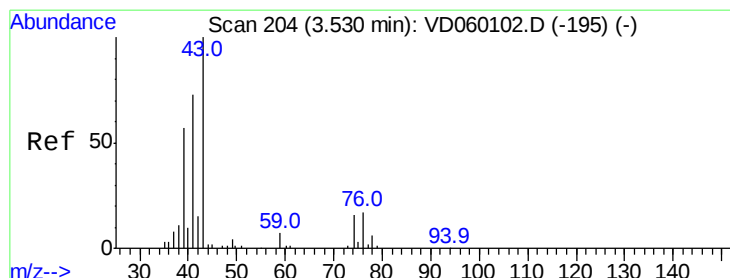
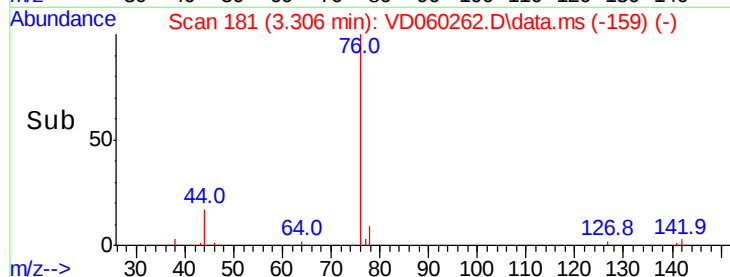
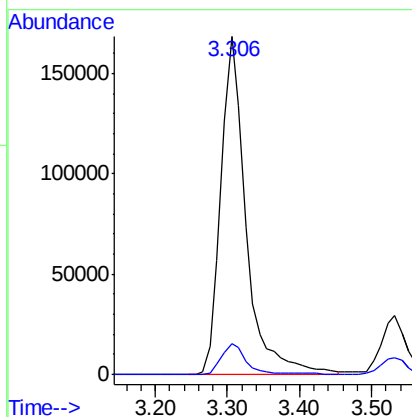
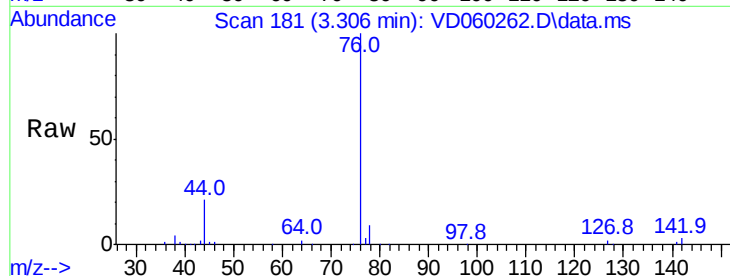
VD1101SBSD01

Tot Ion: 76 Resp: 408138

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2



#18

Methyl Acetate

Concen: 23.19 ug/l

RT: 3.552 min Scan# 206

Delta R.T. 0.021 min

Lab File: VD060262.D

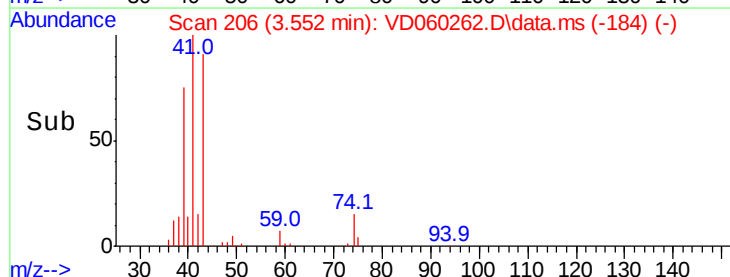
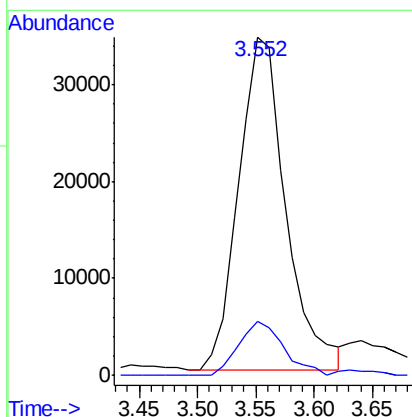
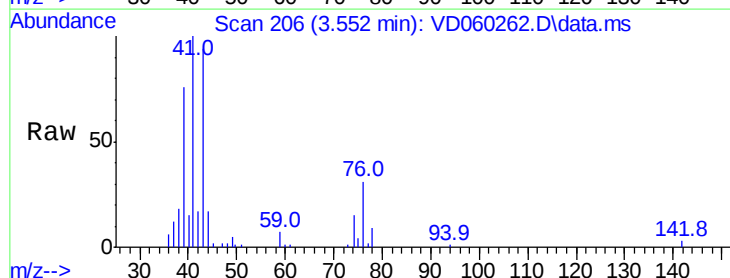
Acq: 1 Nov 2018 15:10

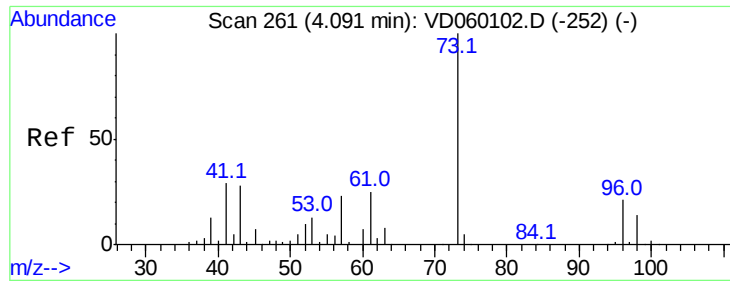
Tgt Ion: 43 Resp: 96331

Ion Ratio Lower Upper

43 100

74 15.8 12.6 19.0

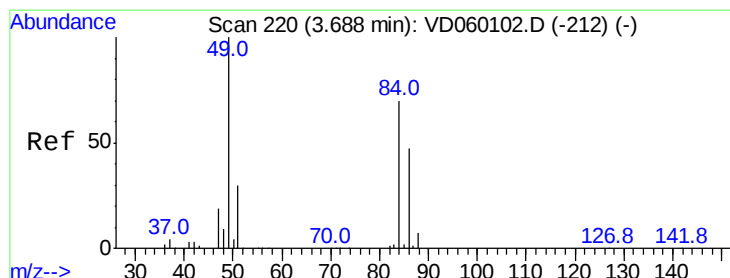
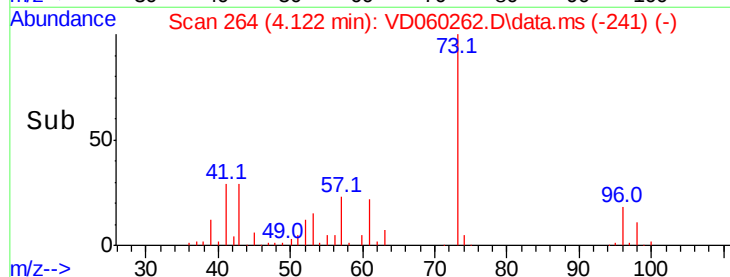
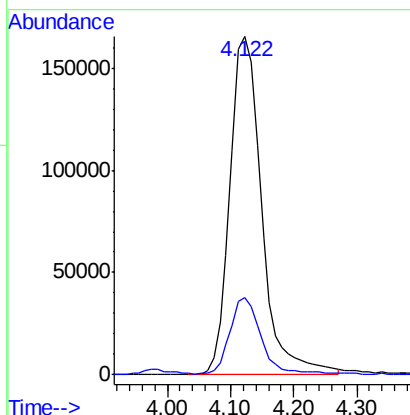
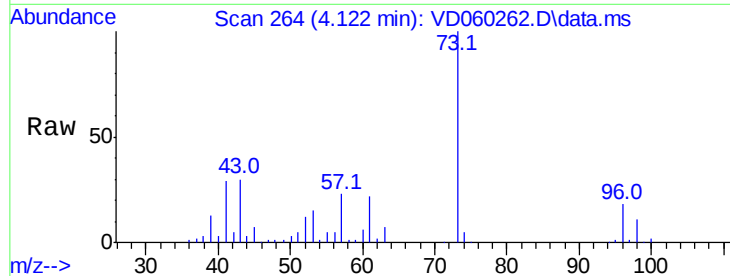




#19
Methvl tert-butvl Ether
Concen: 22.93 ug/l
RT: 4.122 min Scan# 261
Delta R.T. 0.031 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

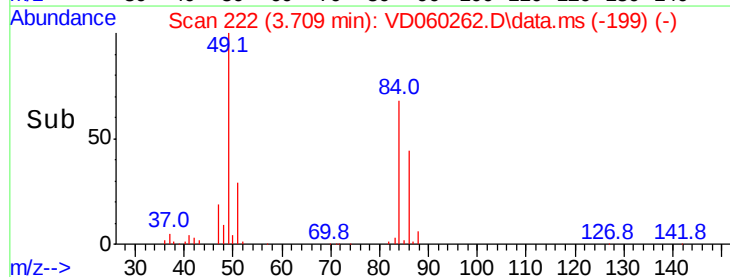
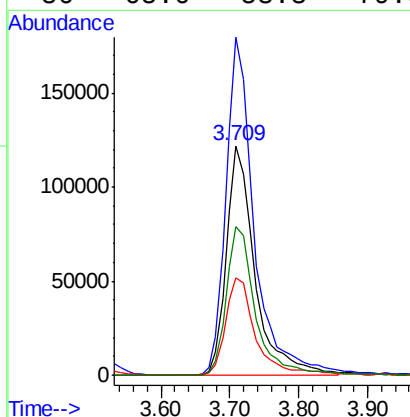
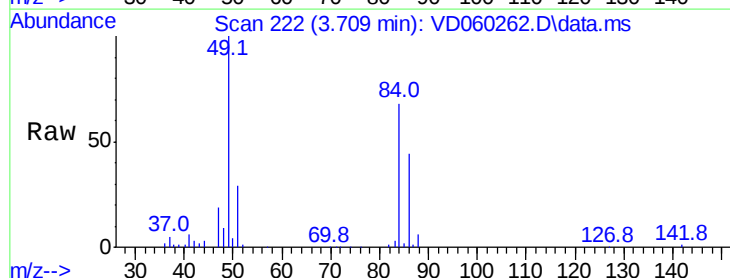
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBSD01

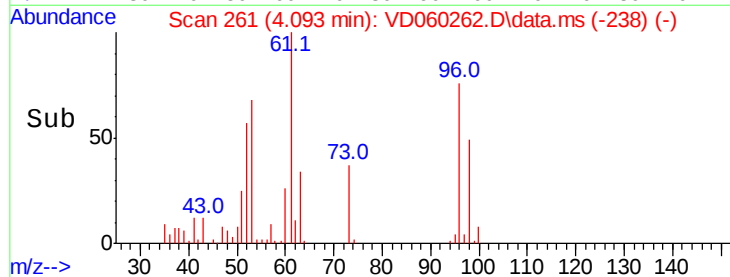
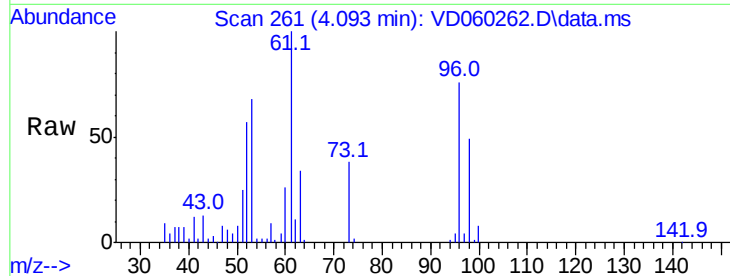
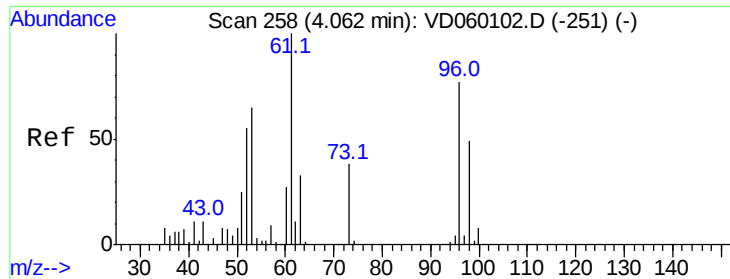
Tot Ion: 73 Resp: 577748
Ion Ratio Lower Upper
73 100
57 22.7 18.7 28.1



#20
Methylene Chloride
Concen: 20.48 ug/l
RT: 3.709 min Scan# 222
Delta R.T. 0.022 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

Tgt Ion: 84 Resp: 350133
Ion Ratio Lower Upper
84 100
49 147.2 114.6 172.0
51 42.3 33.8 50.8
86 65.0 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 21.69 ug/l

RT: 4.093 min Scan# 261

Delta R.T. 0.031 min

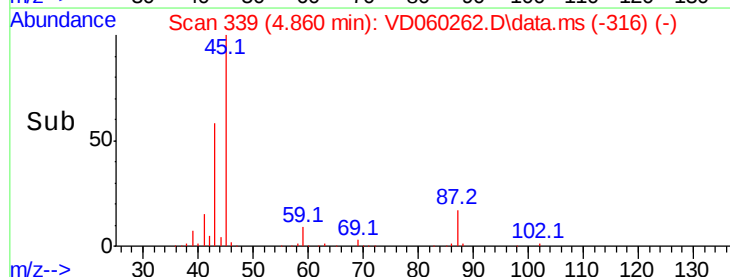
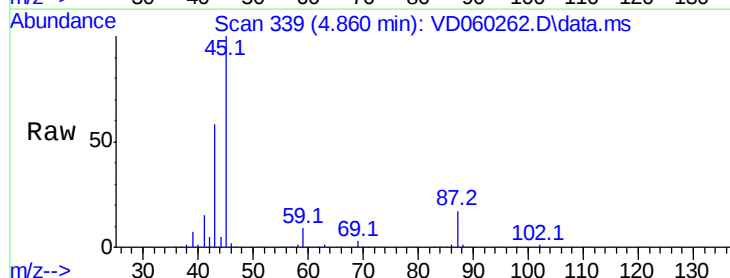
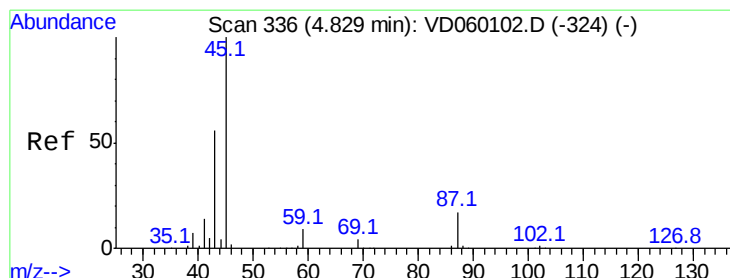
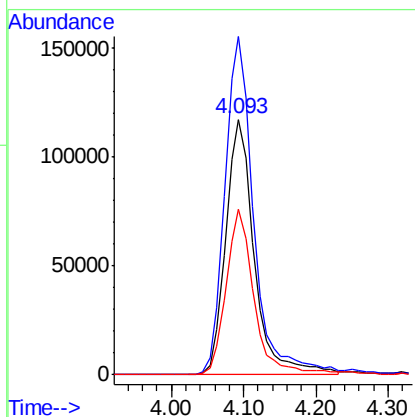
Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Instrument :
MSVOA_D
ClientSampleId :
VD1101SBS01

Tot Ion: 96 Resp: 320967

Ion	Ratio	Lower	Upper
96	100		
61	132.4	103.3	154.9
98	64.8	50.4	75.6



#22

Diisopropyl ether

Concen: 23.17 ug/l

RT: 4.860 min Scan# 339

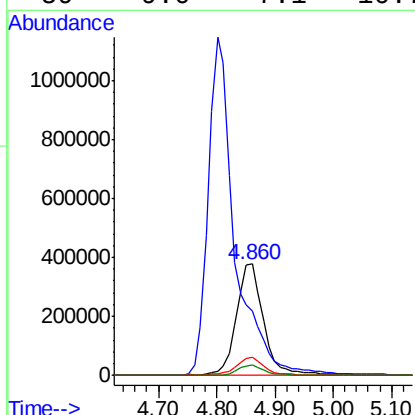
Delta R.T. 0.031 min

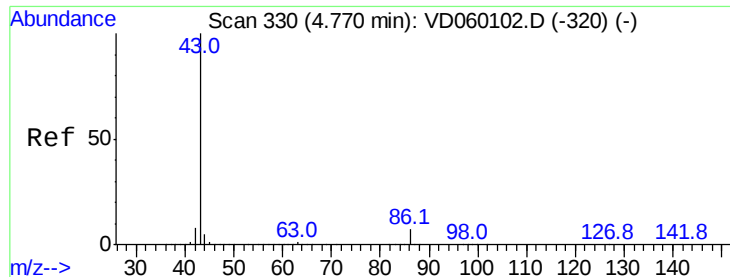
Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Tgt Ion: 45 Resp: 1231422

Ion	Ratio	Lower	Upper
45	100		
43	57.6	44.8	67.2
87	16.7	13.9	20.9
59	9.0	7.1	10.7

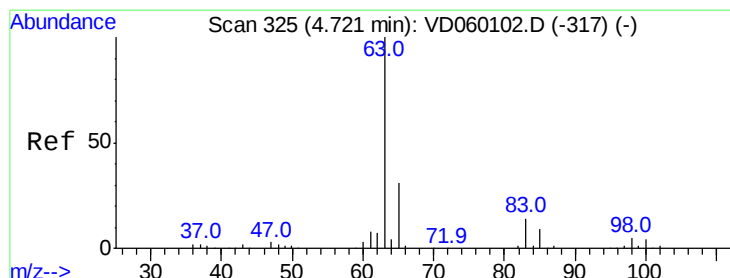
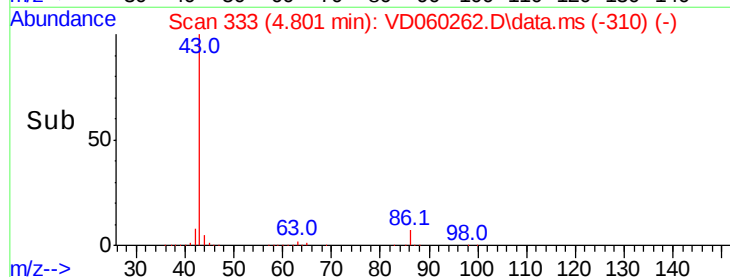
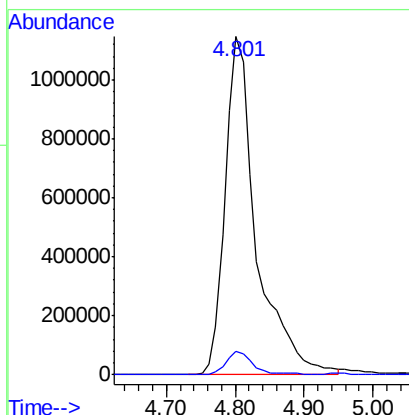
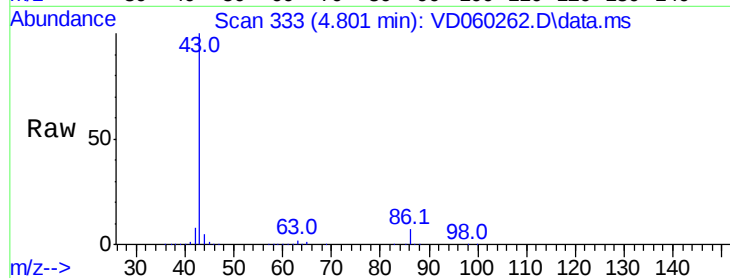




#23
 Vinyl Acetate
 Concen: 120.71 ug/l
 RT: 4.801 min Scan# 331
 Delta R.T. 0.031 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

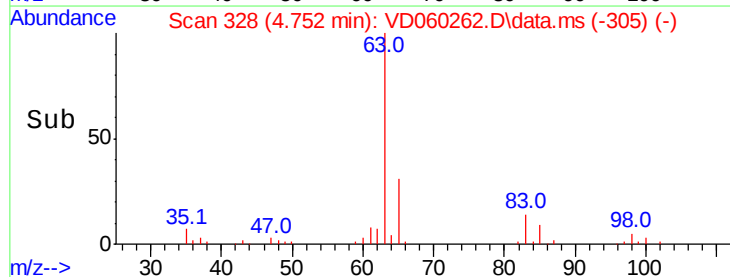
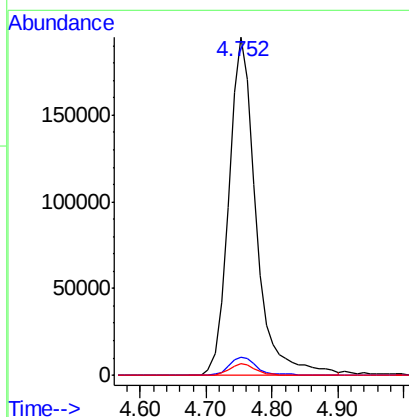
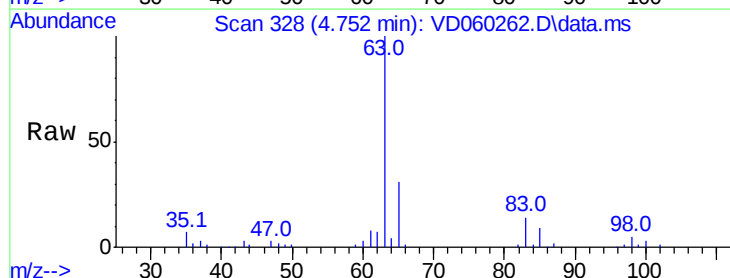
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBSD01

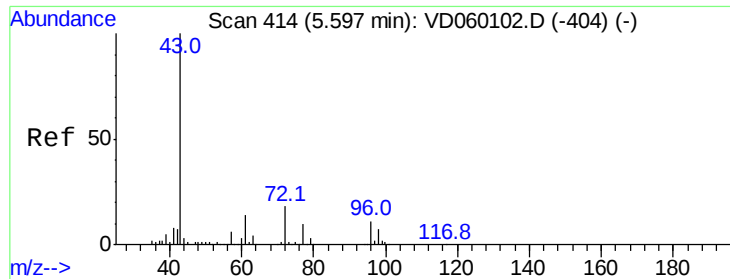
Tot Ion: 43 Resp: 3606691
 Ion Ratio Lower Upper
 43 100
 86 6.8 5.6 8.4



#24
 1,1-Dichloroethane
 Concen: 23.43 ug/l
 RT: 4.752 min Scan# 328
 Delta R.T. 0.031 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

Tgt Ion: 63 Resp: 564655
 Ion Ratio Lower Upper
 63 100
 98 5.3 2.8 8.3
 100 3.4 1.8 5.3

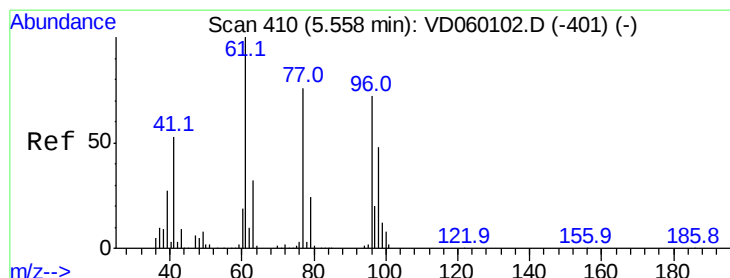
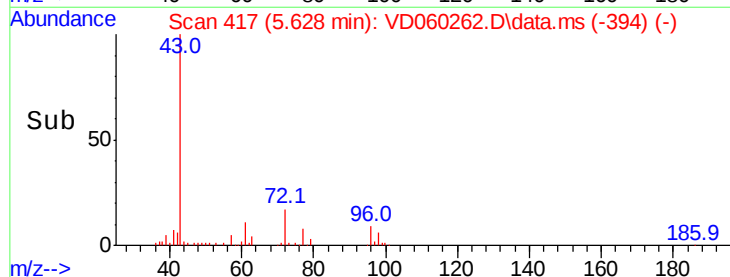
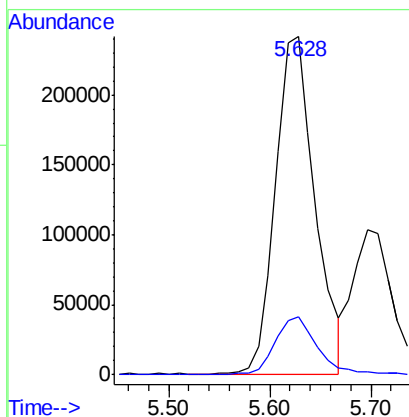
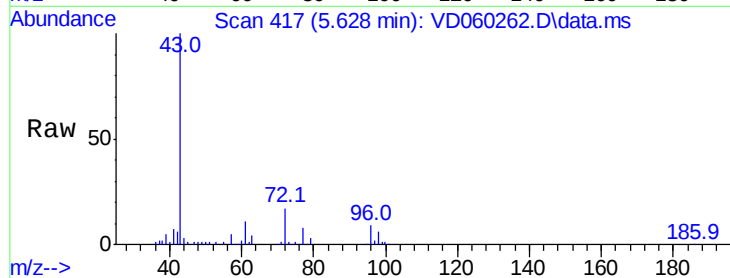




#25
2-Butanone
Concen: 136.06 ug/l
RT: 5.628 min Scan# 41
Delta R.T. 0.031 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

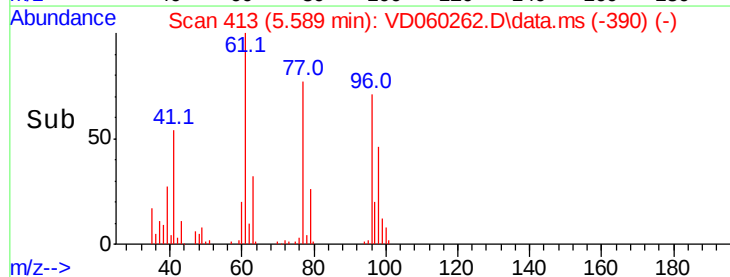
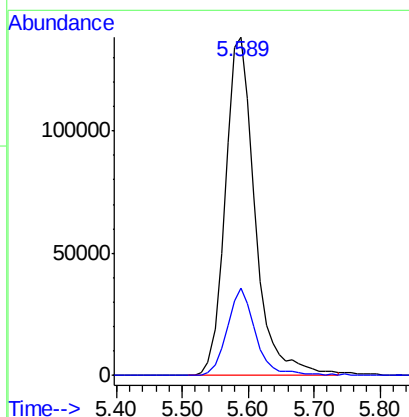
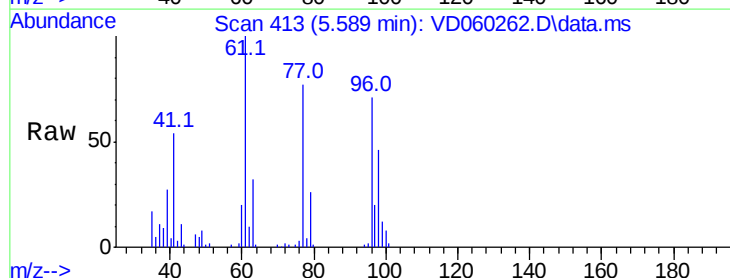
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBS01

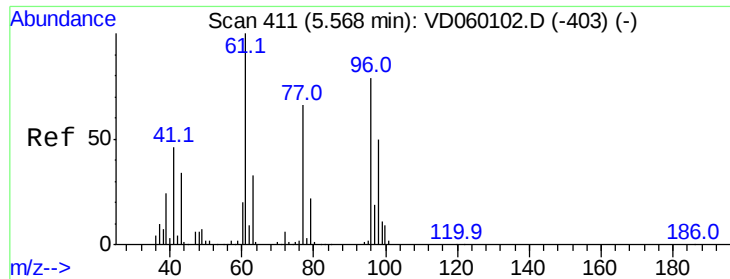
Tot Ion: 43 Resp: 656824
Ion Ratio Lower Upper
43 100
72 17.1 14.5 21.7



#26
2,2-Dichloropropane
Concen: 23.89 ug/l
RT: 5.589 min Scan# 413
Delta R.T. 0.031 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

Tgt Ion: 77 Resp: 436501
Ion Ratio Lower Upper
77 100
97 25.7 13.3 39.9

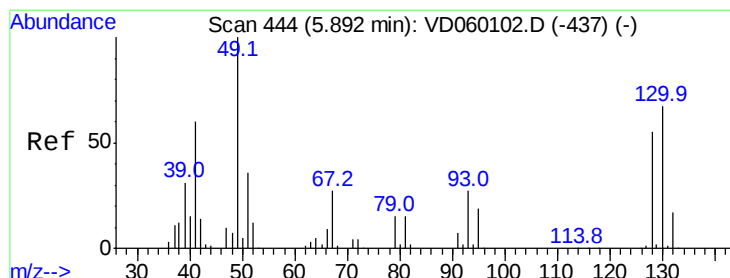
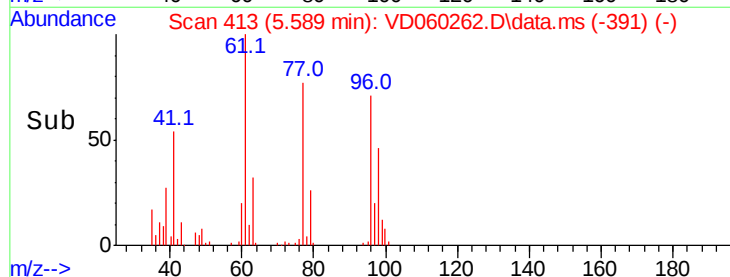
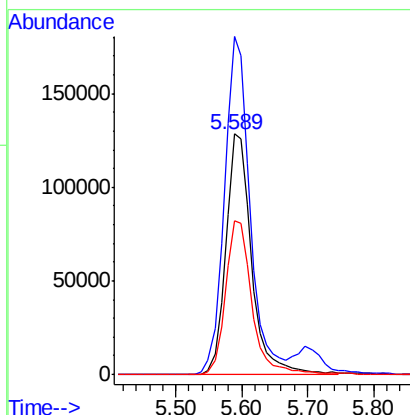
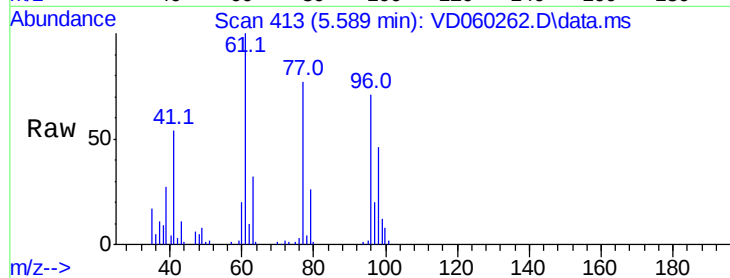




#27
 cis-1,2-Dichloroethene
 Concen: 22.41 ug/l
 RT: 5.589 min Scan# 411
 Delta R.T. 0.021 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

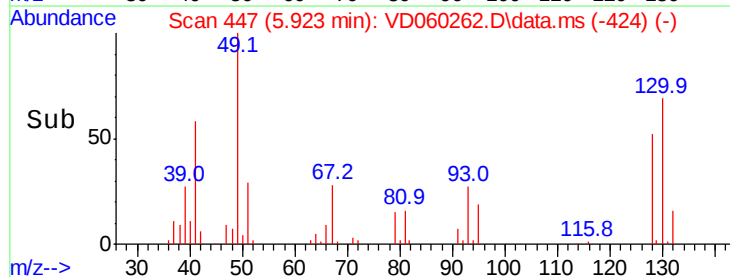
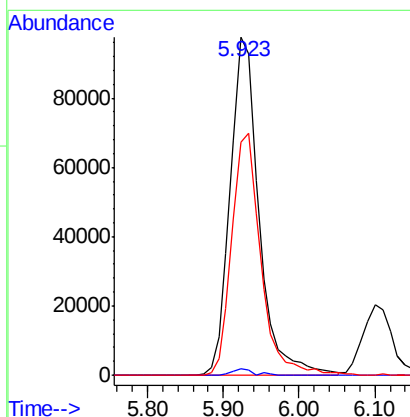
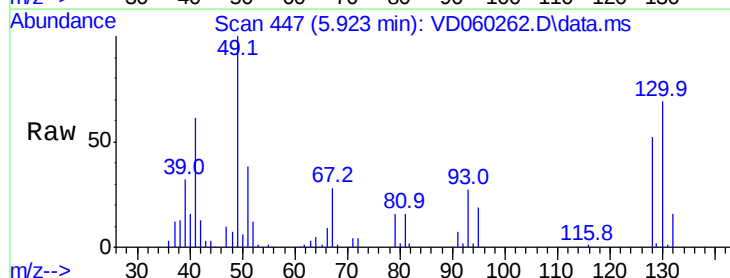
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBSD01

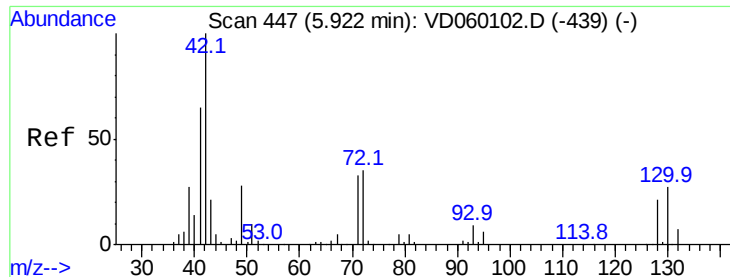
Tot Ion: 96 Resp: 351356
 Ion Ratio Lower Upper
 96 100
 61 140.7 0.0 251.8
 98 64.2 0.0 125.2



#28
 Bromochloromethane
 Concen: 21.92 ug/l
 RT: 5.923 min Scan# 447
 Delta R.T. 0.031 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

Tgt Ion: 49 Resp: 256668
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 68.9 53.9 80.9





#29

Tetrahydrofuran

Concen: 119.64 ug/l

RT: 5.953 min Scan# 45

Delta R.T. 0.031 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBSD01

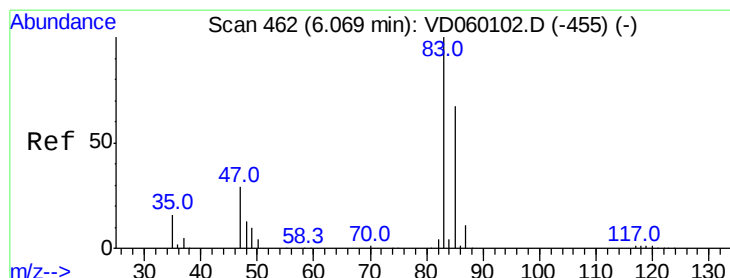
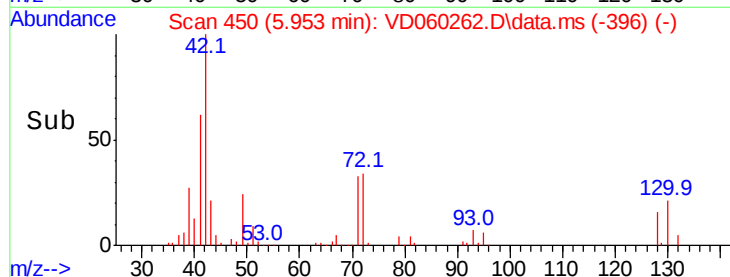
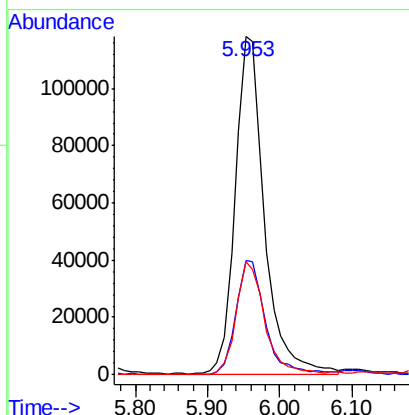
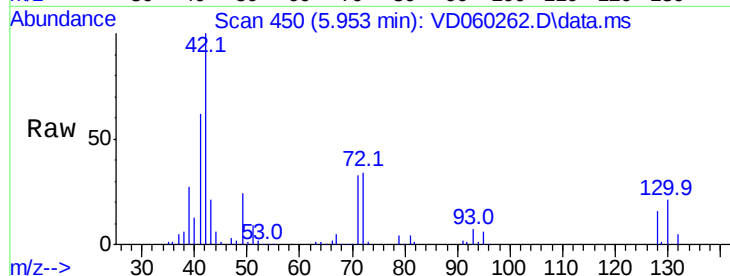
Tot Ion: 42 Resp: 335464

Ion Ratio Lower Upper

42 100

72 33.9 26.9 40.3

71 32.3 26.7 40.1



#30

Chloroform

Concen: 23.07 ug/l

RT: 6.100 min Scan# 465

Delta R.T. 0.031 min

Lab File: VD060262.D

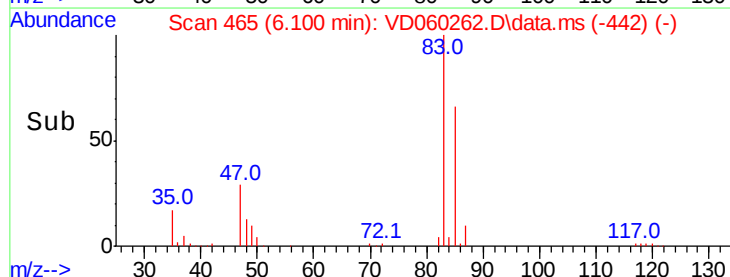
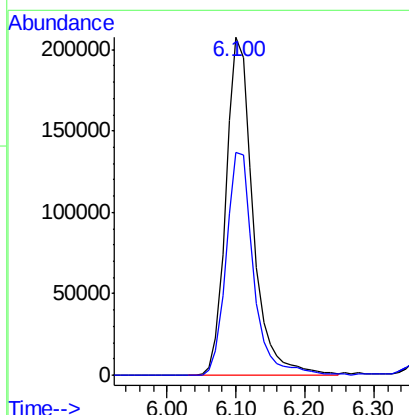
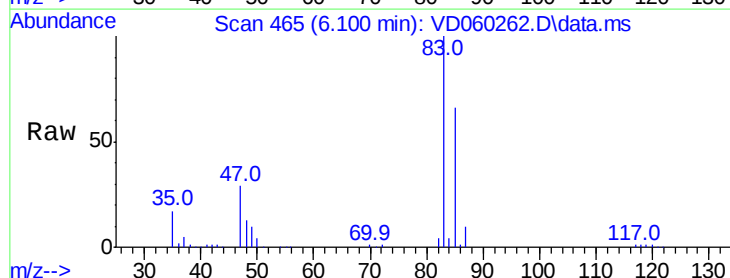
Acq: 1 Nov 2018 15:10

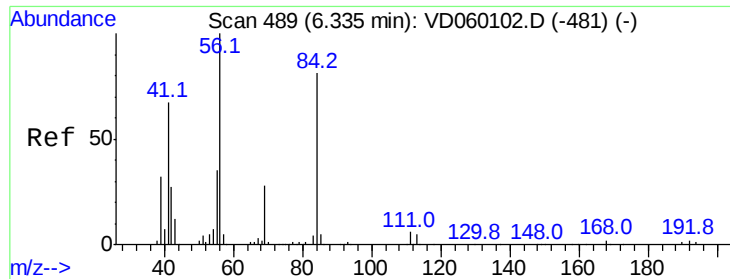
Tgt Ion: 83 Resp: 562345

Ion Ratio Lower Upper

83 100

85 65.9 53.8 80.8

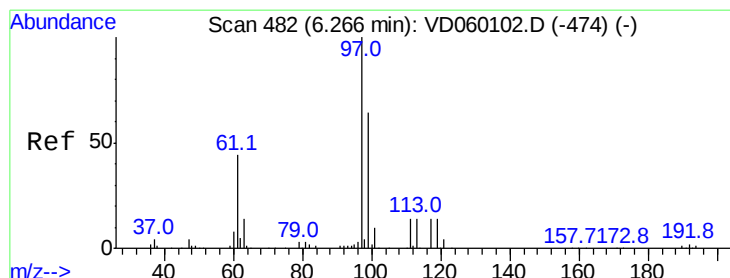
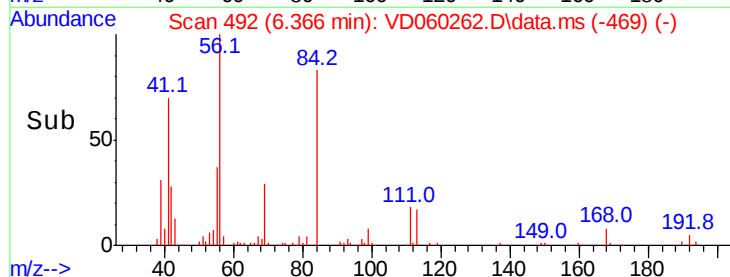
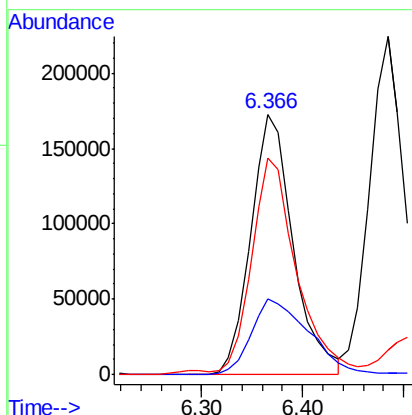
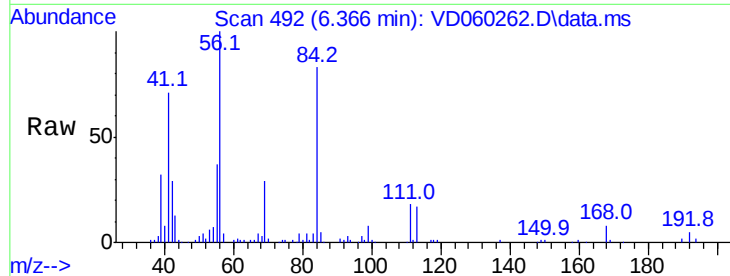




#31
Cyclohexane
Concen: 21.85 ug/l
RT: 6.366 min Scan# 49
Delta R.T. 0.031 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

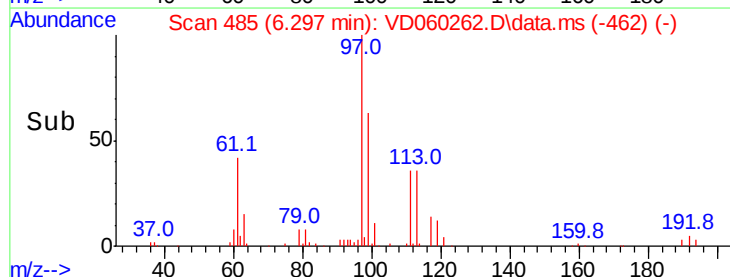
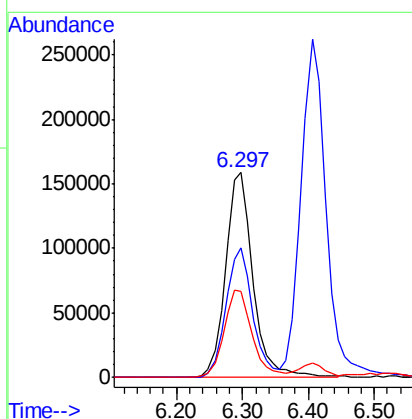
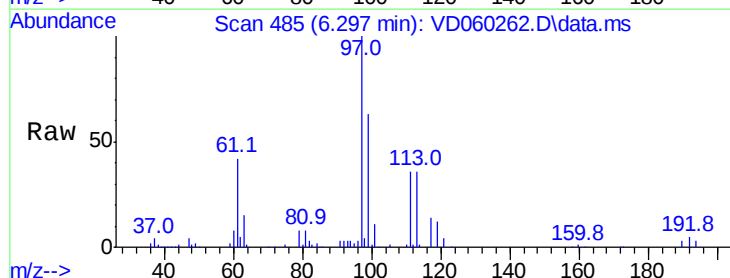
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBSD01

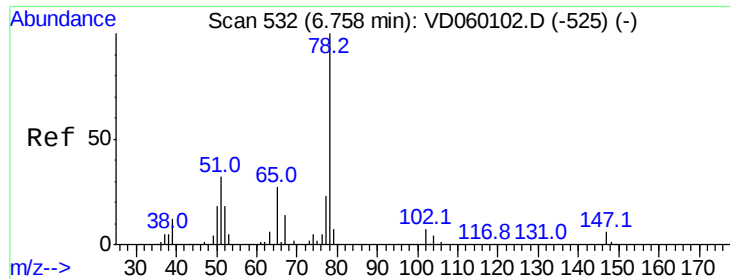
Tot Ion: 56 Resp: 504076
Ion Ratio Lower Upper
56 100
69 29.2 22.8 34.2
84 83.3 64.9 97.3



#32
1,1,1-Trichloroethane
Concen: 23.03 ug/l
RT: 6.297 min Scan# 485
Delta R.T. 0.031 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

Tgt Ion: 97 Resp: 459903
Ion Ratio Lower Upper
97 100
99 63.2 51.4 77.0
61 42.3 35.5 53.3

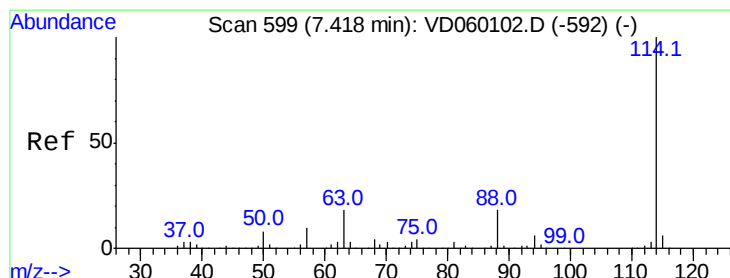
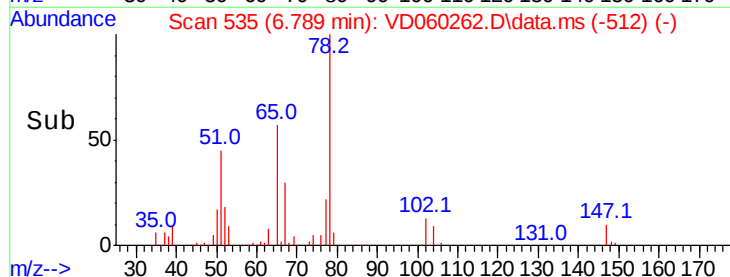
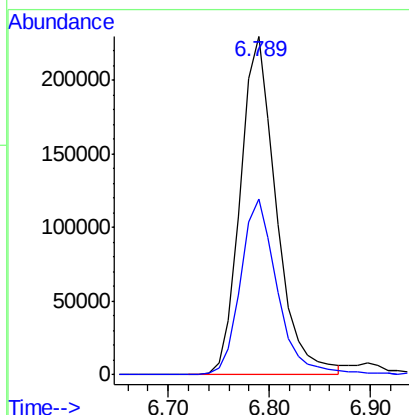
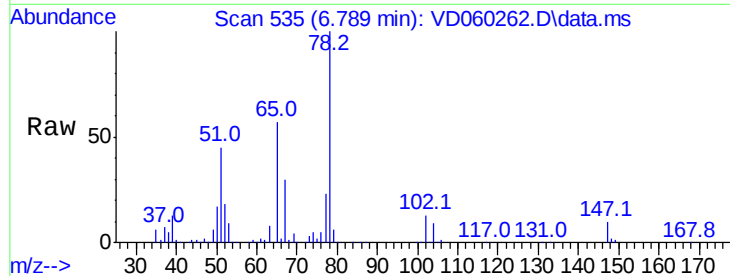




#33
 1,2-Dichloroethane-d4
 Concen: 53.31 ug/l
 RT: 6.789 min Scan# 531
 Delta R.T. 0.031 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

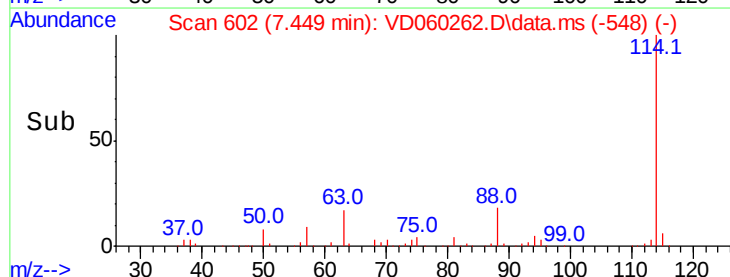
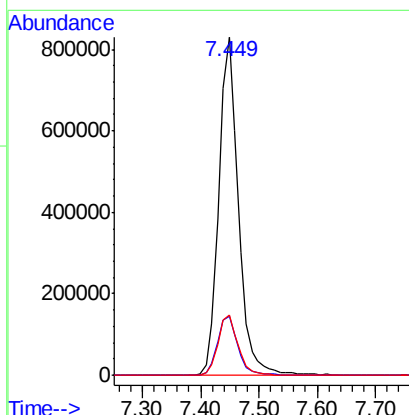
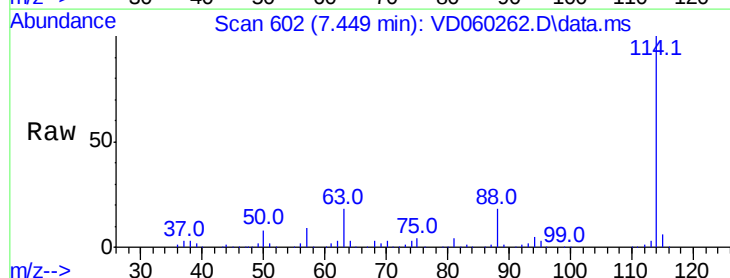
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBSD01

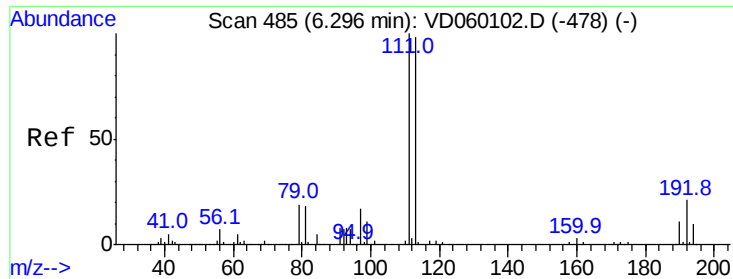
Tot Ion: 65 Resp: 567687
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.449 min Scan# 602
 Delta R.T. 0.031 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

Tgt Ion: 114 Resp: 1940638
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.0
 88 18.0 0.0 36.2

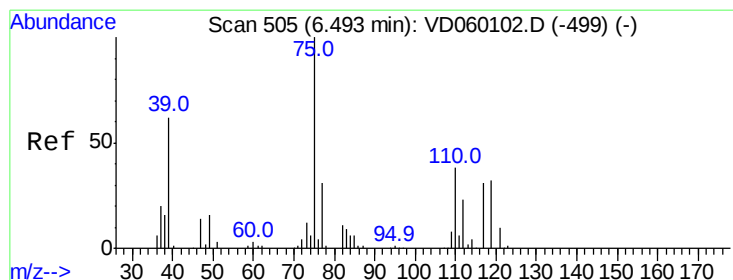
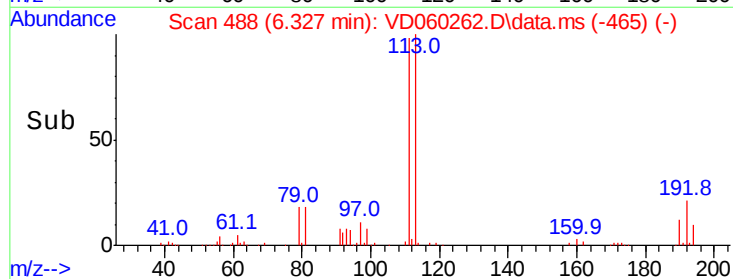
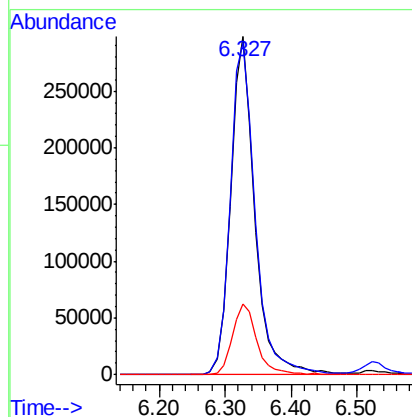
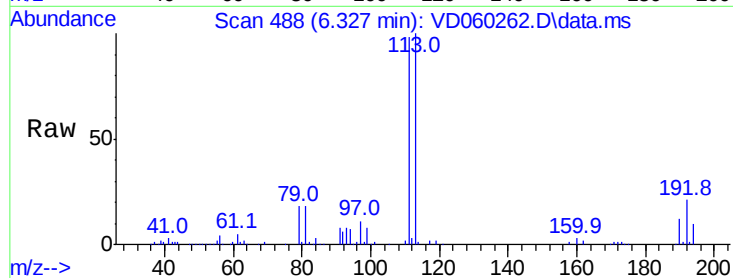




#35
 Dibromofluoromethane
 Concen: 51.52 ug/l
 RT: 6.327 min Scan# 48
 Delta R.T. 0.031 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

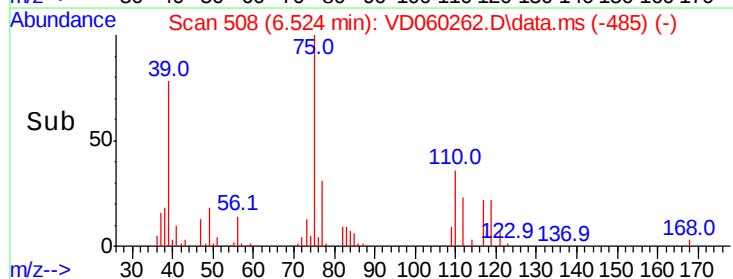
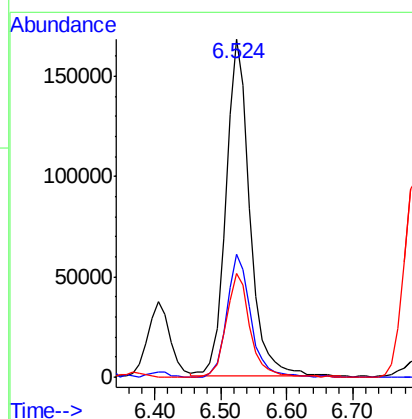
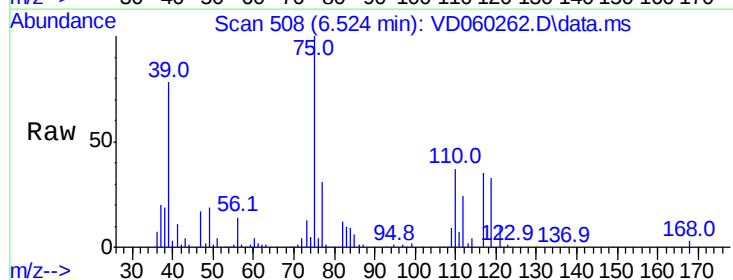
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBSD01

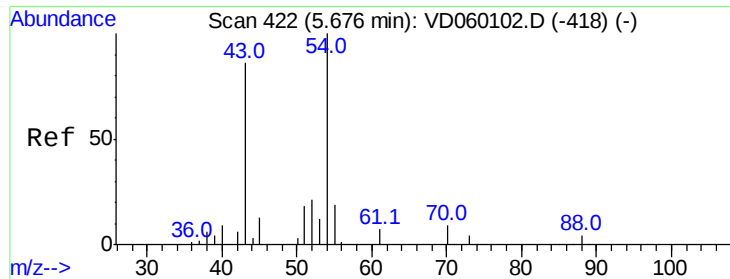
Tot Ion	Ratio	Lower	Upper
113	100		
111	98.0	81.5	122.3
192	20.8	17.4	26.0



#36
 1,1-Dichloropropene
 Concen: 23.06 ug/l
 RT: 6.524 min Scan# 508
 Delta R.T. 0.031 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	19.0	57.0
77	30.6	24.9	37.3





#37

Ethyl Acetate

Concen: 24.19 ug/l

RT: 5.697 min Scan# 42

Delta R.T. 0.021 min

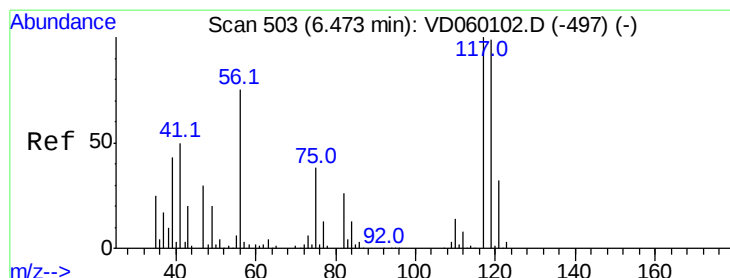
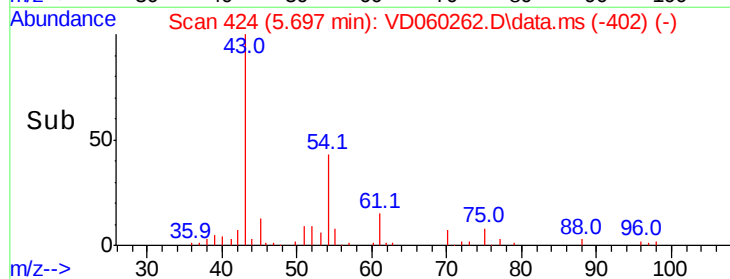
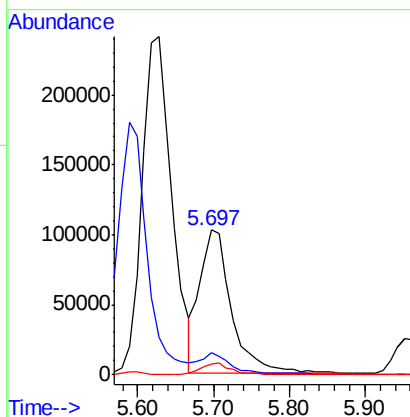
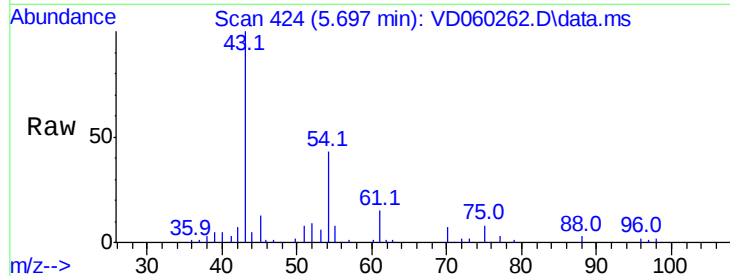
Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Instrument :
MSVOA_D
ClientSampleId :
VD1101SBSD01

Tot Ion: 43 Resp: 297785

Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.5	15.7
70	7.3	6.3	9.5



#38

Carbon Tetrachloride

Concen: 22.58 ug/l

RT: 6.504 min Scan# 506

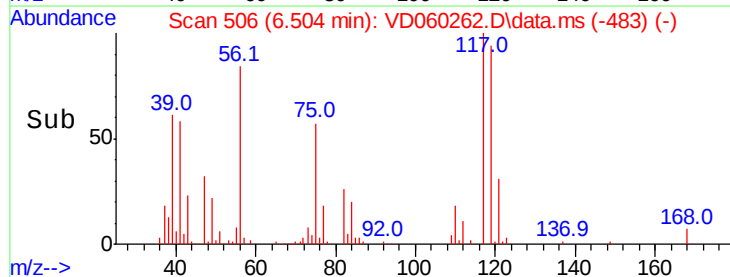
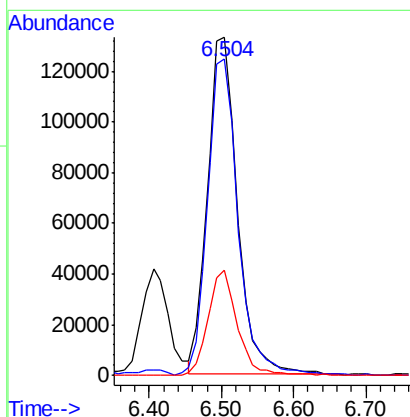
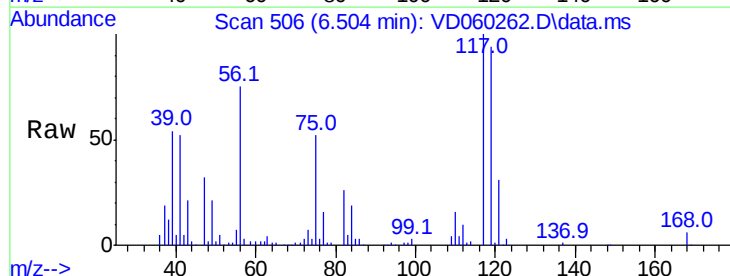
Delta R.T. 0.031 min

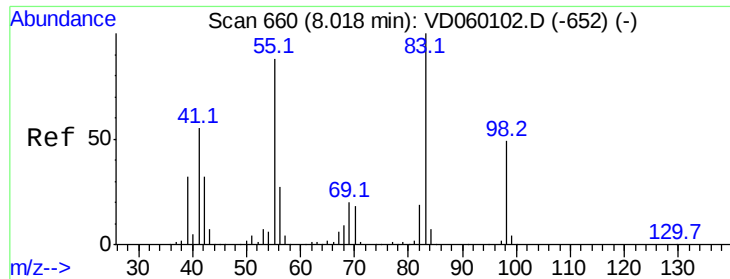
Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Tgt Ion: 117 Resp: 379976

Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.8	116.6
121	31.3	24.8	37.2

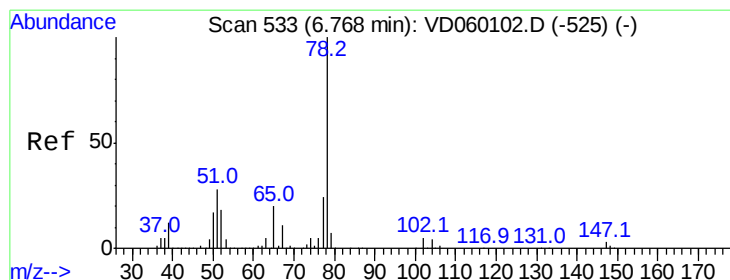
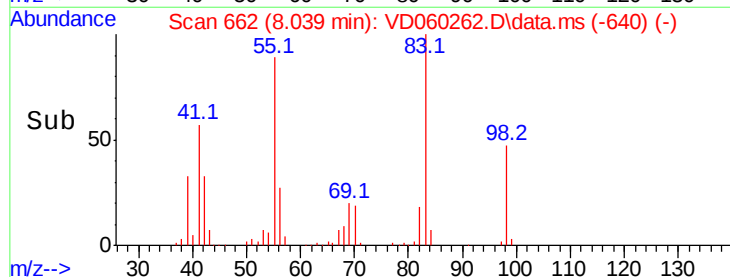
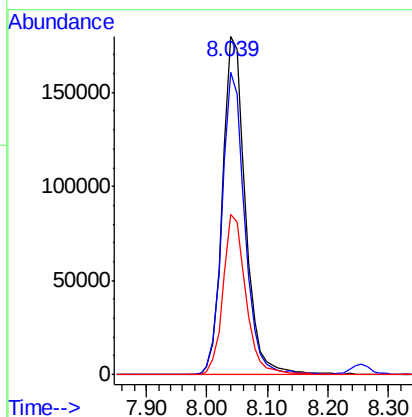
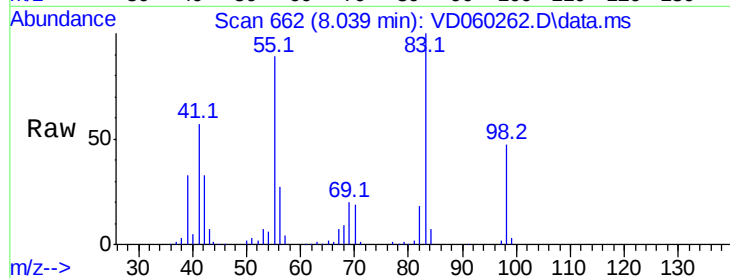




#39
Methvlcvclohexane
Concen: 22.29 ug/l
RT: 8.039 min Scan# 66
Delta R.T. 0.021 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

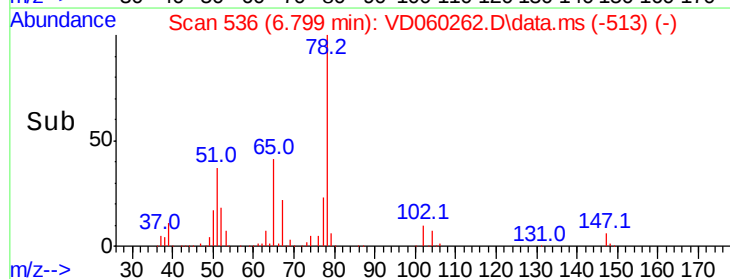
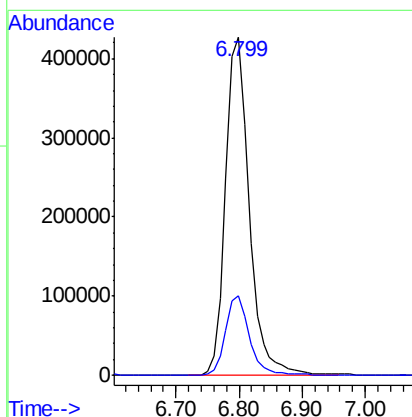
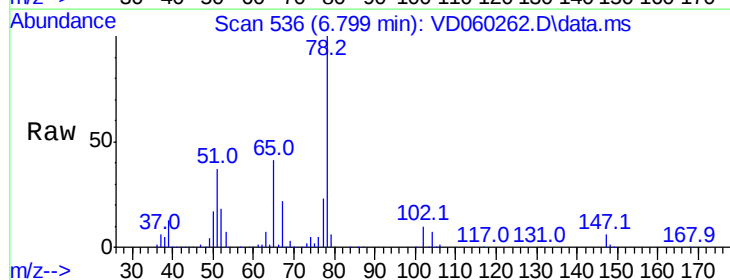
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBSD01

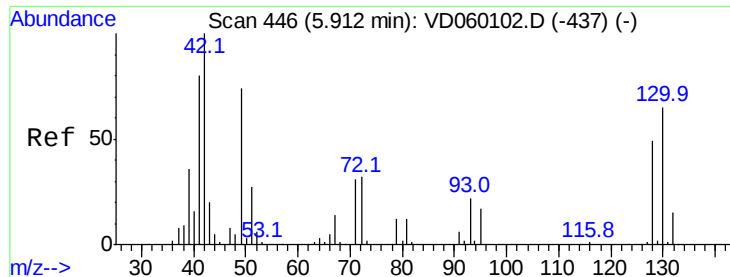
Tot Ion: 83 Resp: 469707
Ion Ratio Lower Upper
83 100
55 89.5 70.5 105.7
98 47.5 39.4 59.2



#40
Benzene
Concen: 23.02 ug/l
RT: 6.799 min Scan# 536
Delta R.T. 0.031 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

Tgt Ion: 78 Resp: 1116851
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4

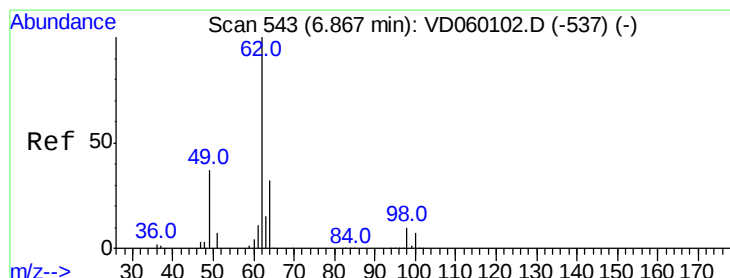
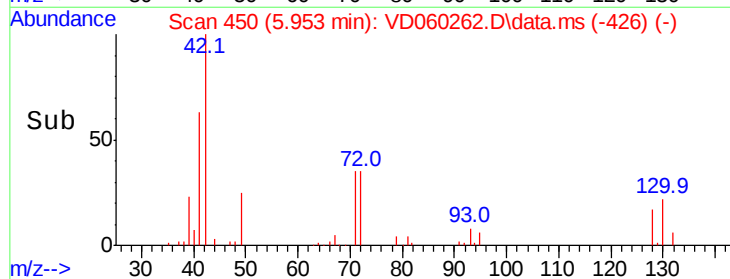
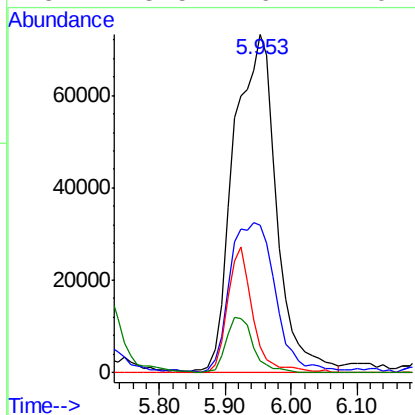
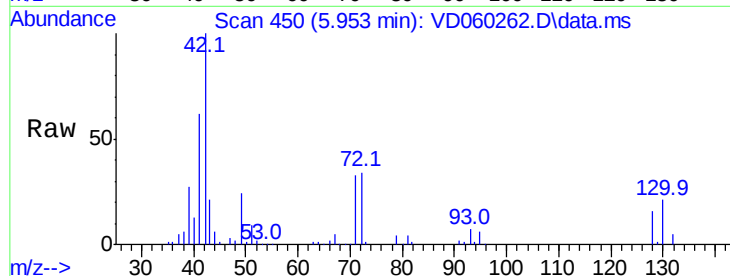




#41
Methacrylonitrile
Concen: 47.79 ug/l
RT: 5.953 min Scan# 45
Delta R.T. 0.041 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

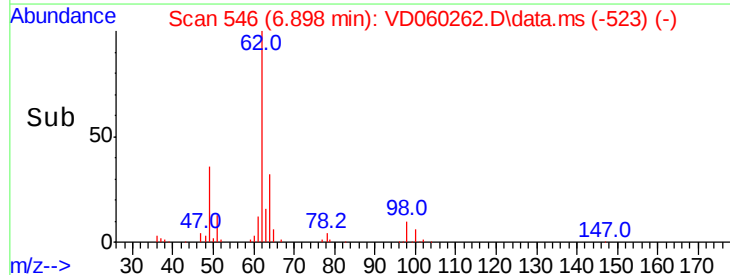
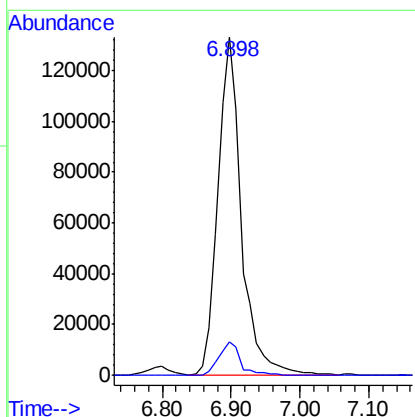
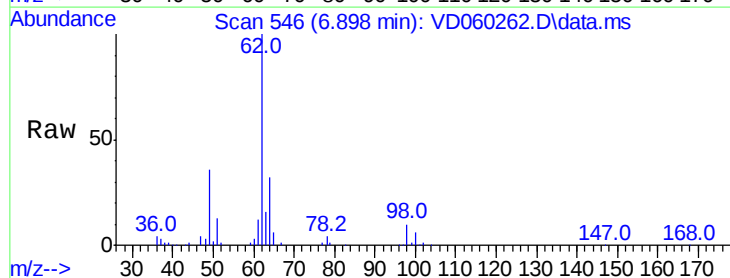
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBSD01

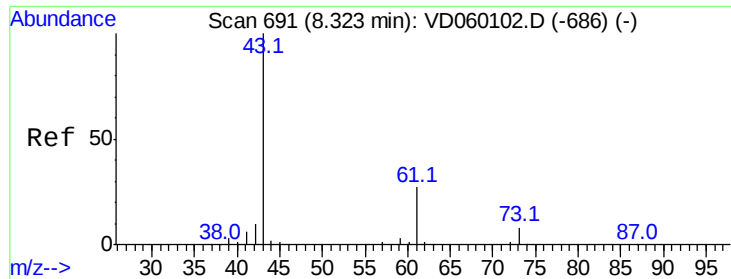
Tot Ion: 41 Resp: 332510
Ion Ratio Lower Upper
41 100
39 43.6 36.0 54.0
67 7.6 13.9 20.9#
52 3.5 6.1 9.1#



#42
1,2-Dichloroethane
Concen: 22.60 ug/l
RT: 6.898 min Scan# 546
Delta R.T. 0.031 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

Tgt Ion: 62 Resp: 314281
Ion Ratio Lower Upper
62 100
98 9.7 0.0 20.6





#43

Isopropyl Acetate

Concen: 23.07 ug/l

RT: 8.354 min Scan# 691

Delta R.T. 0.031 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBS01

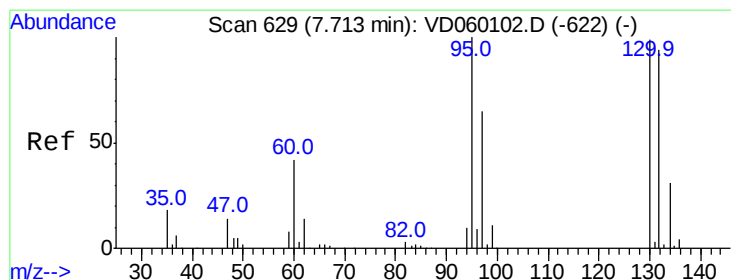
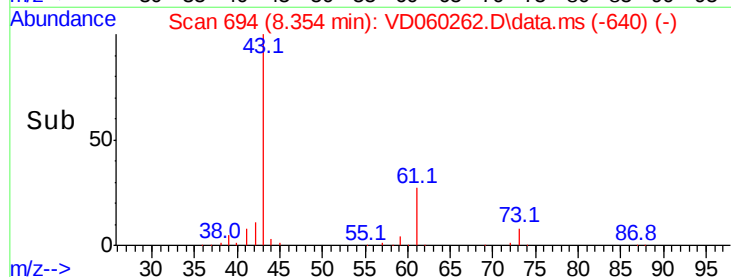
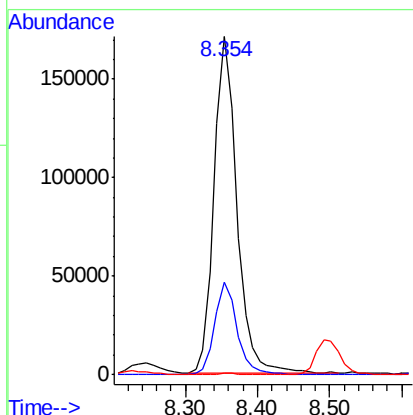
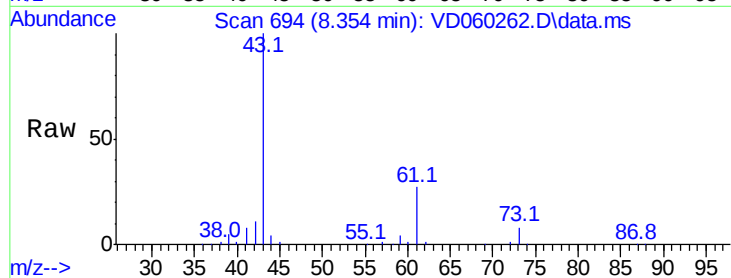
Tot Ion: 43 Resp: 373531

Ion Ratio Lower Upper

43 100

61 27.2 21.4 32.2

87 0.3 0.2 0.2#



#44

Trichloroethene

Concen: 22.09 ug/l

RT: 7.744 min Scan# 632

Delta R.T. 0.031 min

Lab File: VD060262.D

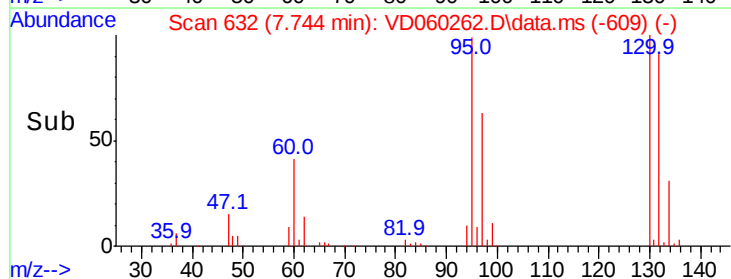
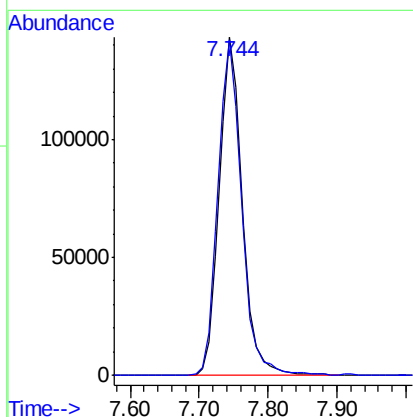
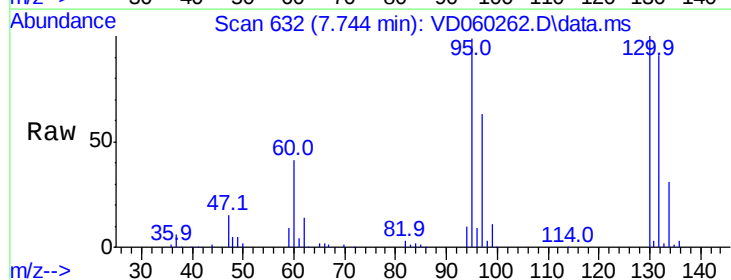
Acq: 1 Nov 2018 15:10

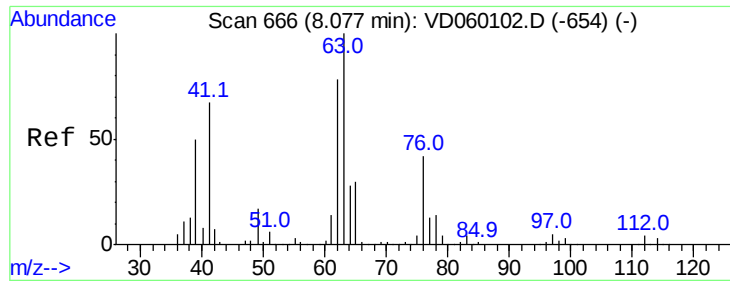
Tgt Ion:130 Resp: 331822

Ion Ratio Lower Upper

130 100

95 99.3 0.0 202.2





#45

1,2-Dichloropropane

Concen: 22.70 ug/l

RT: 8.108 min Scan# 666

Delta R.T. 0.031 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Instrument :

MSVOA_D

ClientSampleId :

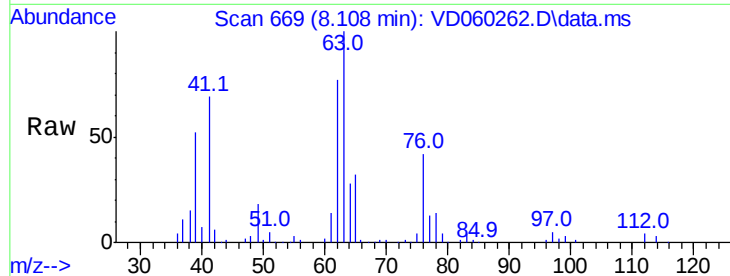
VD1101SBSD01

Tot Ion: 63 Resp: 288317

Ion Ratio Lower Upper

63 100

65 32.2 24.1 36.1



Abundance

8.108

100000

80000

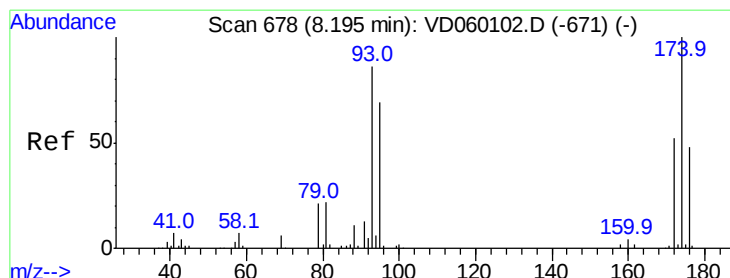
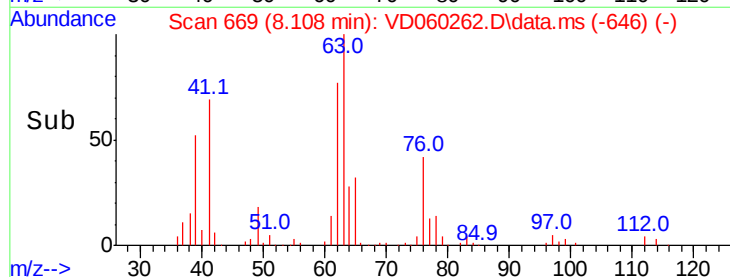
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 22.88 ug/l

RT: 8.226 min Scan# 681

Delta R.T. 0.031 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

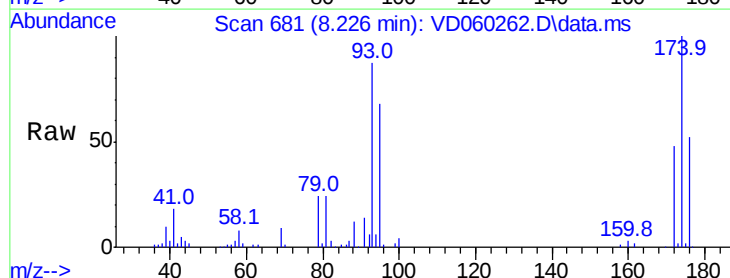
Tgt Ion: 93 Resp: 188196

Ion Ratio Lower Upper

93 100

95 78.4 63.8 95.6

174 114.5 92.9 139.3



Abundance

8.226

80000

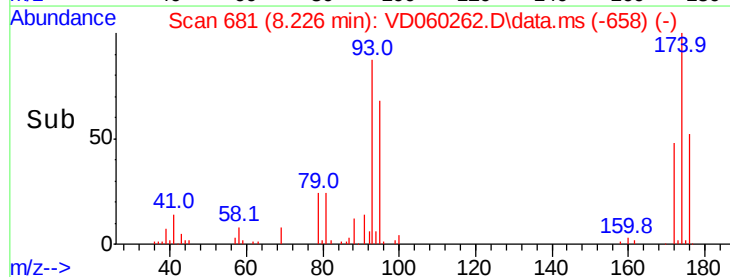
60000

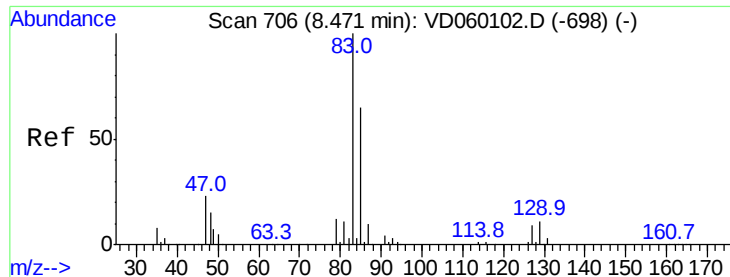
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 23.14 ug/l

RT: 8.492 min Scan# 70

Delta R.T. 0.021 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBS01

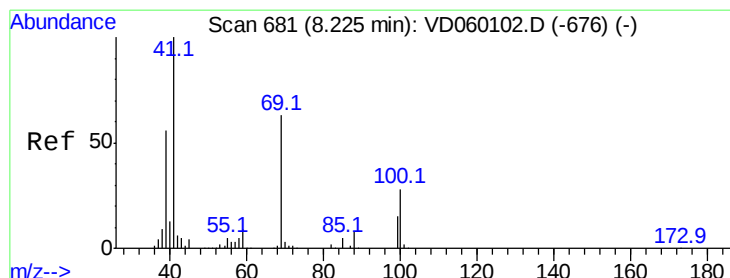
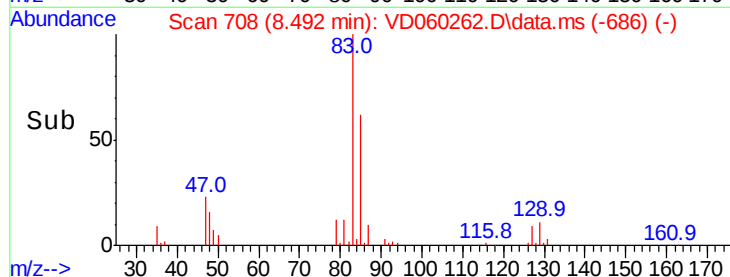
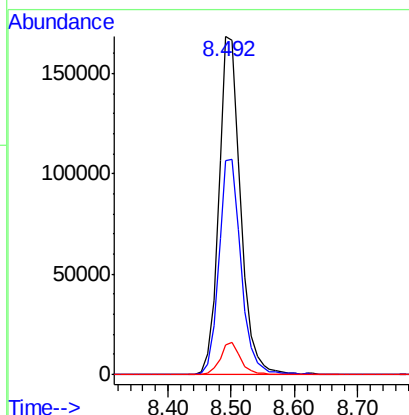
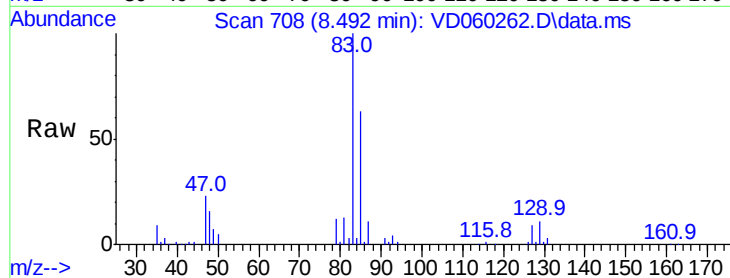
Tot Ion: 83 Resp: 405575

Ion Ratio Lower Upper

83 100

85 63.2 52.2 78.2

127 8.8 7.4 11.0



#48

Methyl methacrylate

Concen: 22.31 ug/l

RT: 8.256 min Scan# 684

Delta R.T. 0.031 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

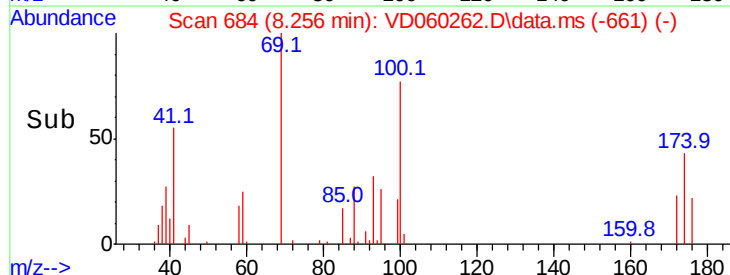
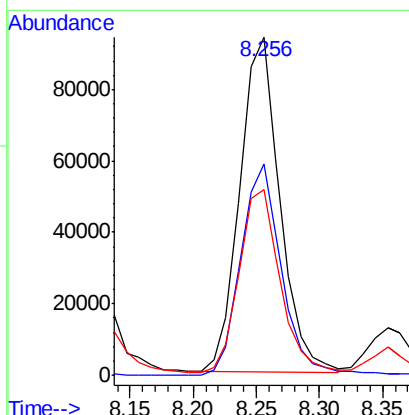
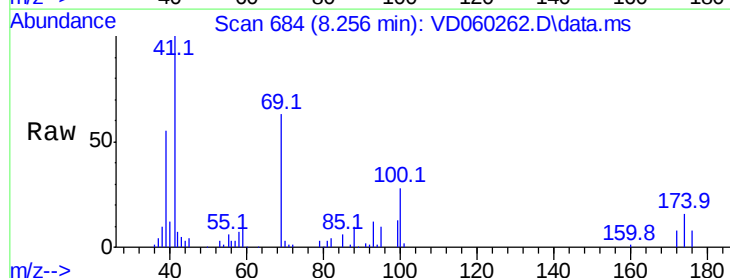
Tgt Ion: 41 Resp: 205789

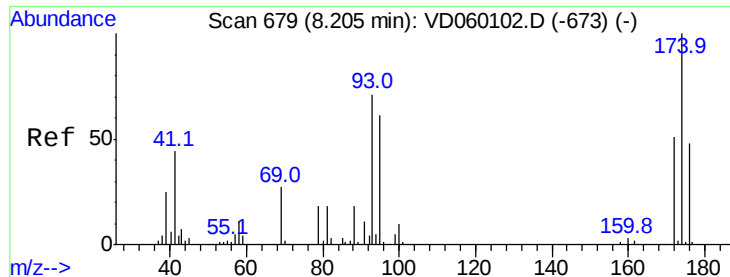
Ion Ratio Lower Upper

41 100

69 62.7 49.7 74.5

39 55.1 45.2 67.8





#49

1,4-Dioxane

Concen: 466.01 ug/l

RT: 8.236 min Scan# 68

Delta R.T. 0.031 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBS01

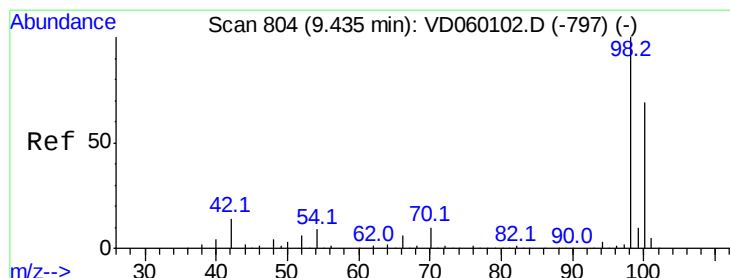
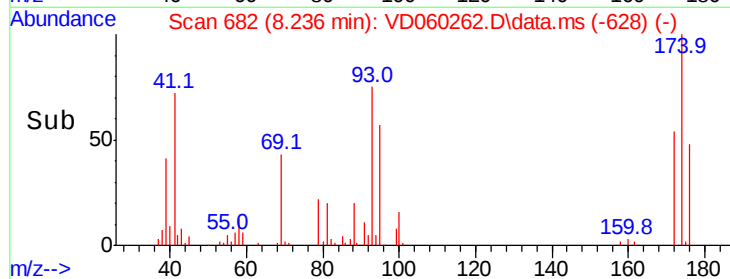
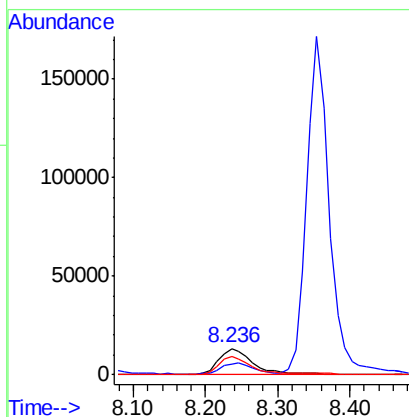
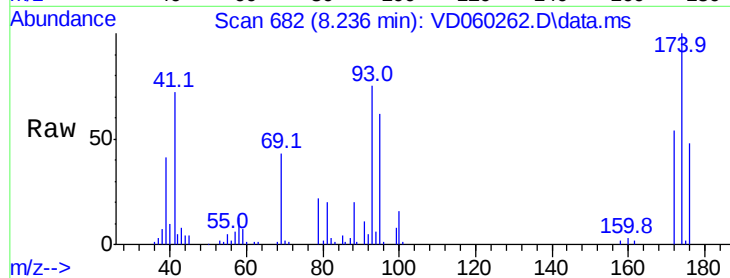
Tot Ion: 88 Resp: 42295

Ion Ratio Lower Upper

88 100

43 40.8 33.7 50.5

58 67.1 49.1 73.7



#50

Toluene-d8

Concen: 48.79 ug/l

RT: 9.466 min Scan# 807

Delta R.T. 0.031 min

Lab File: VD060262.D

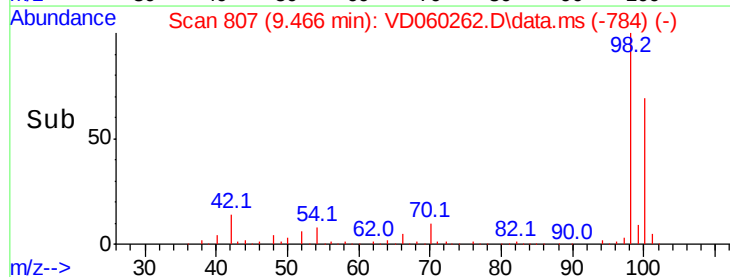
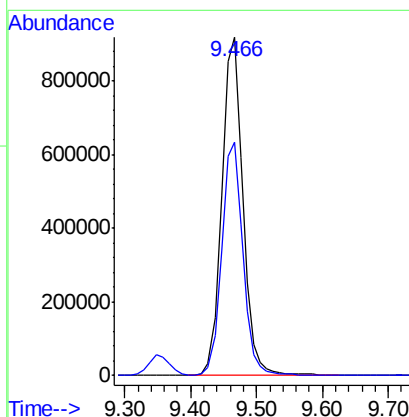
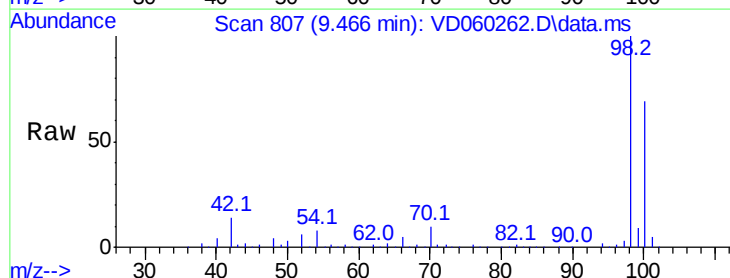
Acq: 1 Nov 2018 15:10

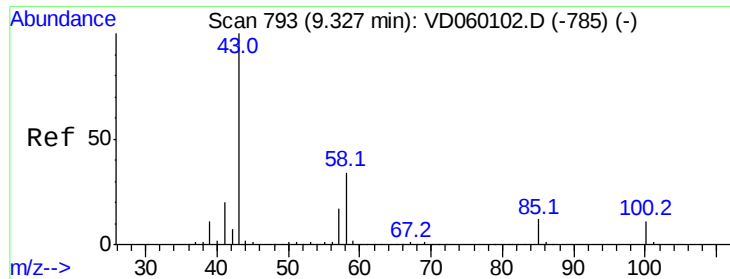
Tgt Ion: 98 Resp: 2050238

Ion Ratio Lower Upper

98 100

100 69.0 55.4 83.0





#51

4-Methyl-2-Pentanone

Concen: 119.96 ug/l

RT: 9.348 min Scan# 79

Delta R.T. 0.021 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Instrument :

MSVOA_D

ClientSampleId :

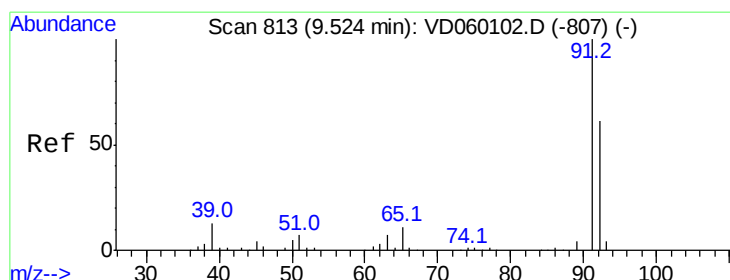
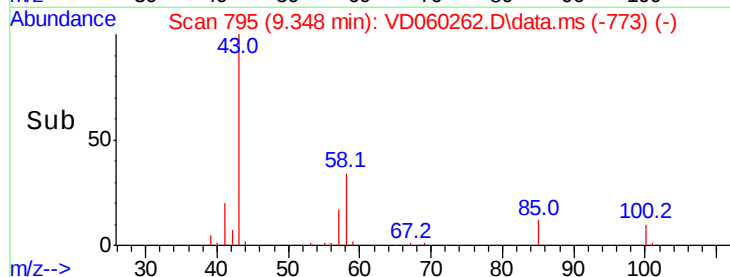
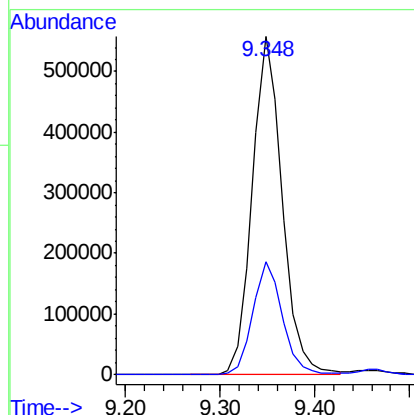
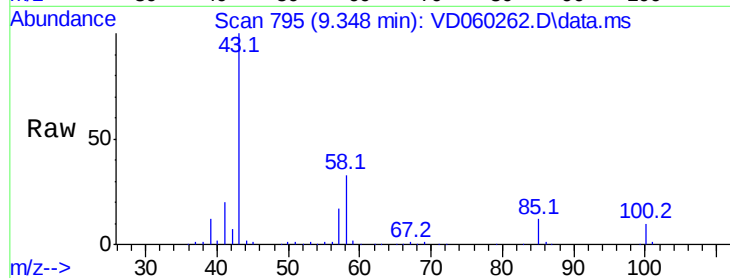
VD1101SBS01

Tot Ion: 43 Resp: 1225284

Ion Ratio Lower Upper

43 100

58 33.3 27.2 40.8



#52

Toluene

Concen: 22.48 ug/l

RT: 9.555 min Scan# 816

Delta R.T. 0.031 min

Lab File: VD060262.D

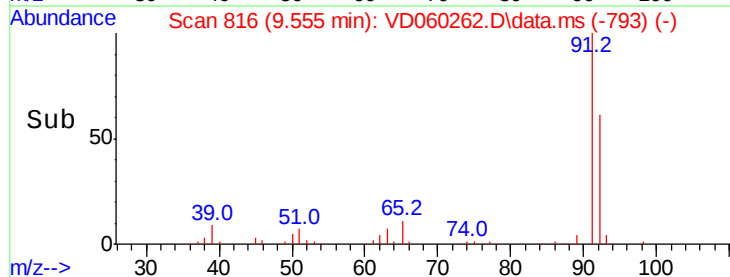
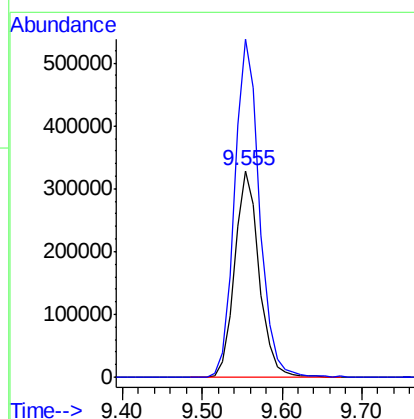
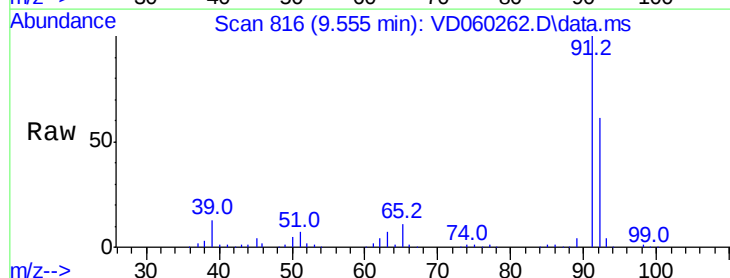
Acq: 1 Nov 2018 15:10

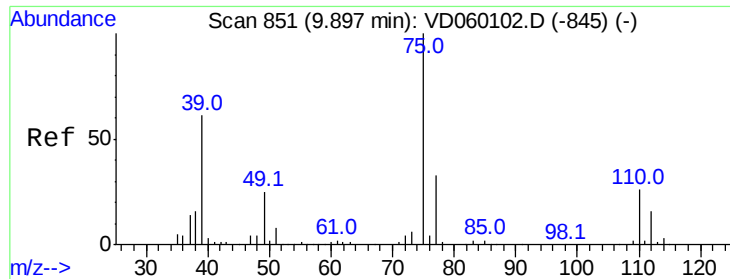
Tgt Ion: 92 Resp: 702471

Ion Ratio Lower Upper

92 100

91 163.9 131.9 197.9





#53

t-1,3-Dichloropropene

Concen: 23.01 ug/l

RT: 9.928 min Scan# 851

Delta R.T. 0.031 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Instrument :

MSVOA_D

ClientSampleId :

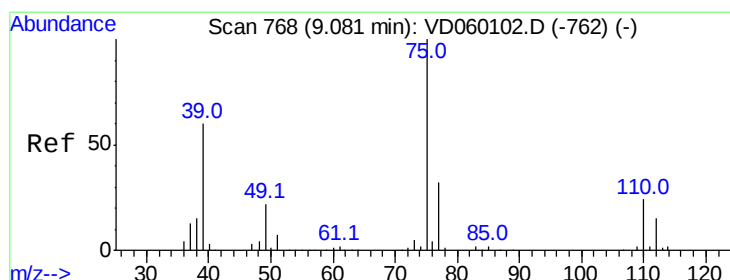
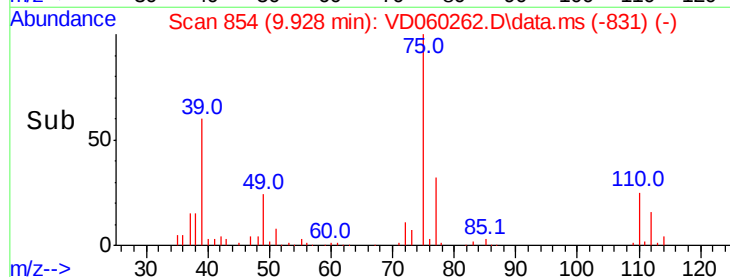
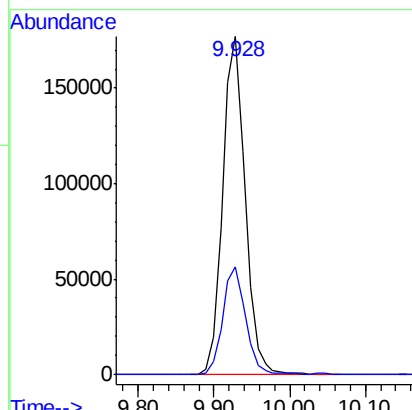
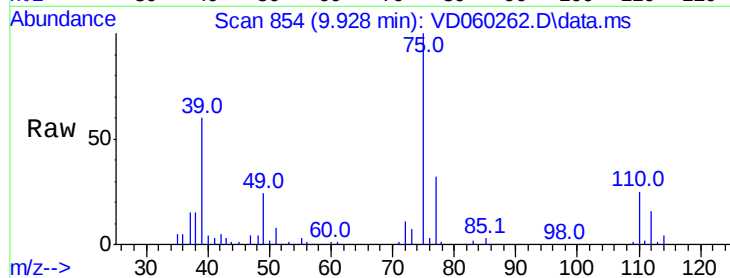
VD1101SBSD01

Tot Ion: 75 Resp: 364809

Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 22.82 ug/l

RT: 9.112 min Scan# 771

Delta R.T. 0.031 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

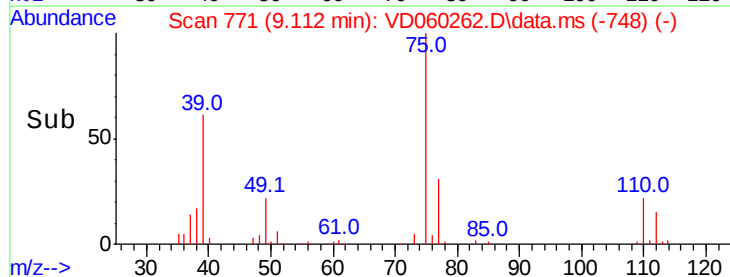
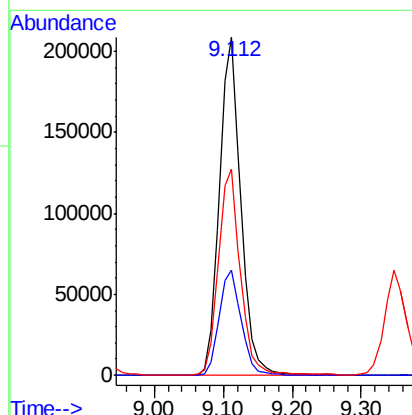
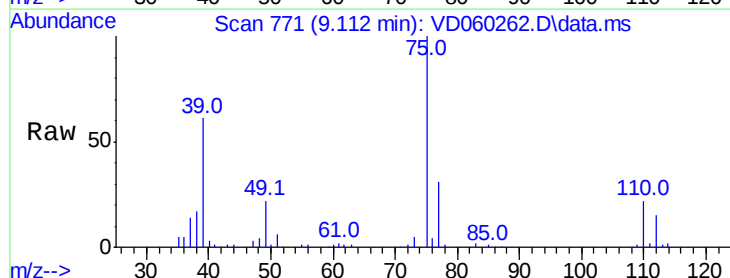
Tgt Ion: 75 Resp: 446746

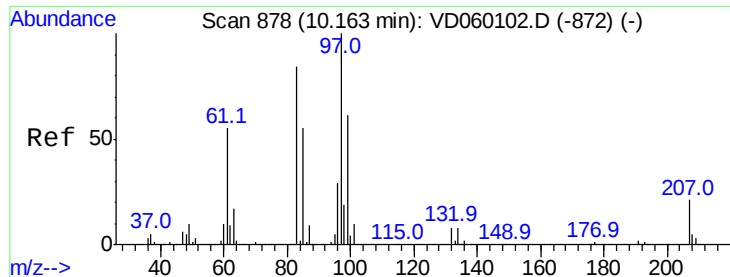
Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5

39 61.1 48.2 72.4

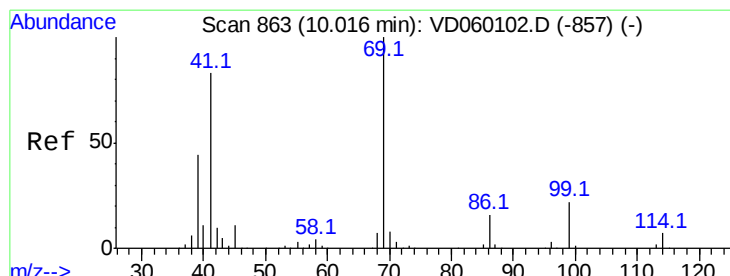
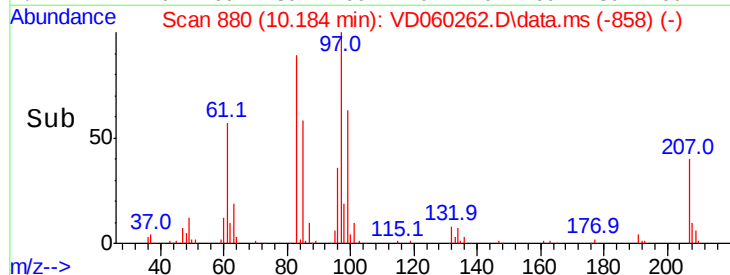
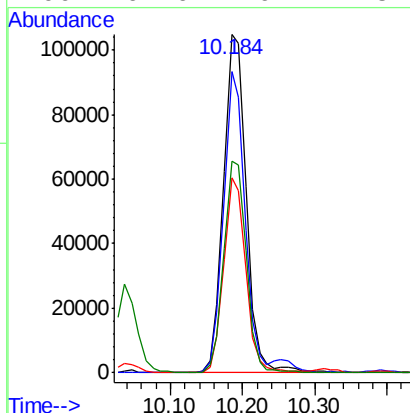
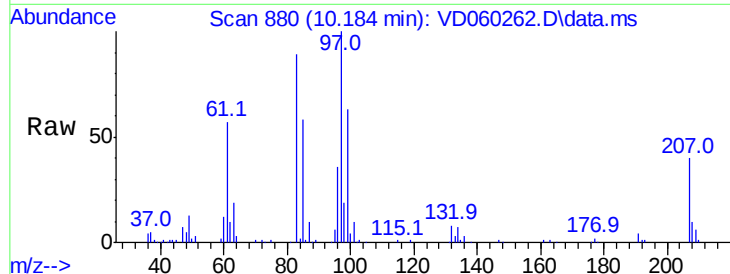




#55
 1,1,2-Trichloroethane
 Concen: 22.40 ug/l
 RT: 10.184 min Scan# 88
 Delta R.T. 0.021 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

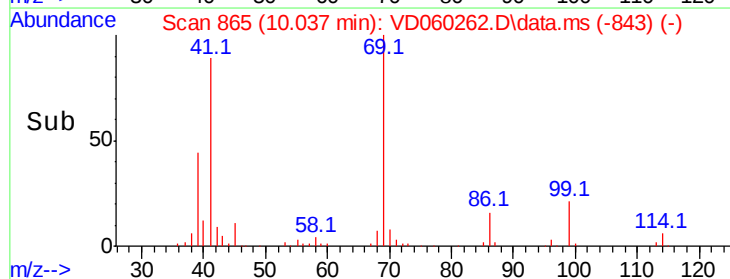
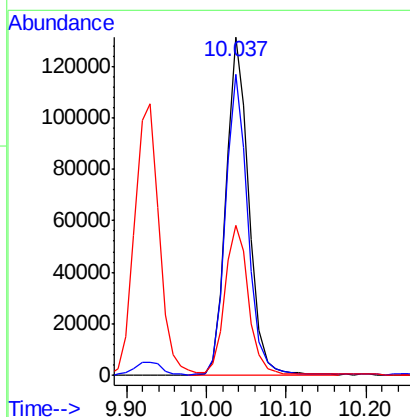
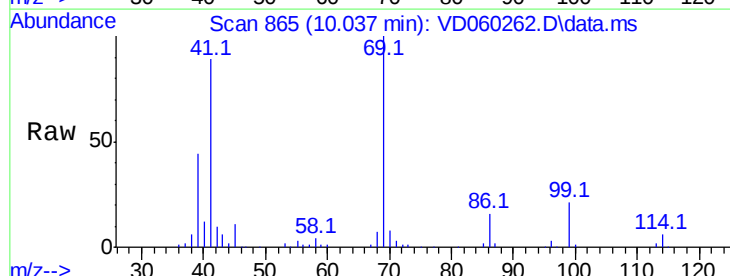
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBSD01

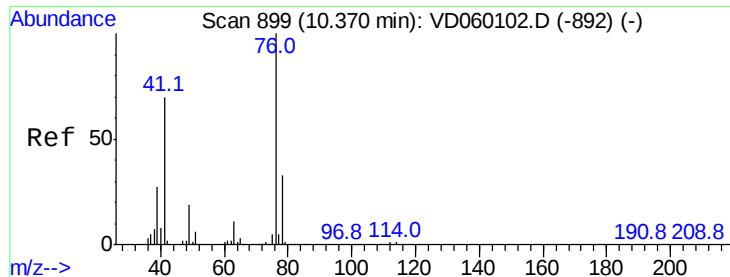
Tot Ion: 97 Resp: 228788
 Ion Ratio Lower Upper
 97 100
 83 88.9 67.0 100.6
 85 57.7 43.9 65.9
 99 62.6 49.1 73.7



#56
 Ethyl methacrylate
 Concen: 23.31 ug/l
 RT: 10.037 min Scan# 865
 Delta R.T. 0.021 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

Tgt Ion: 69 Resp: 262777
 Ion Ratio Lower Upper
 69 100
 41 88.9 66.6 100.0
 39 44.3 36.0 54.0

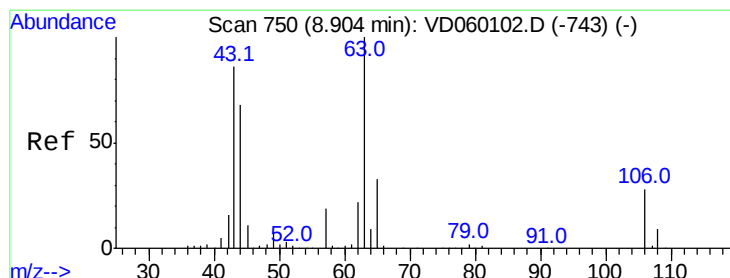
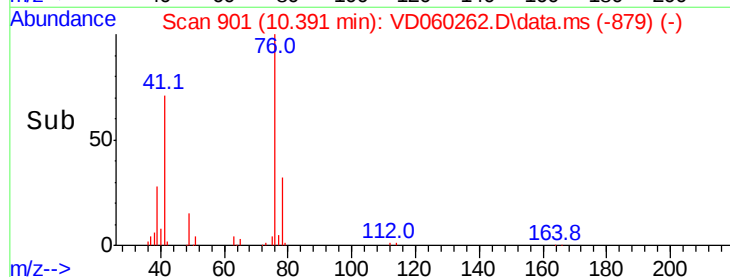
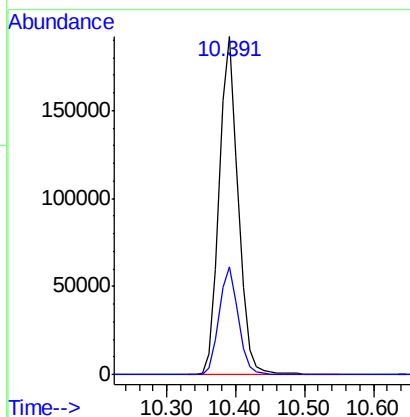
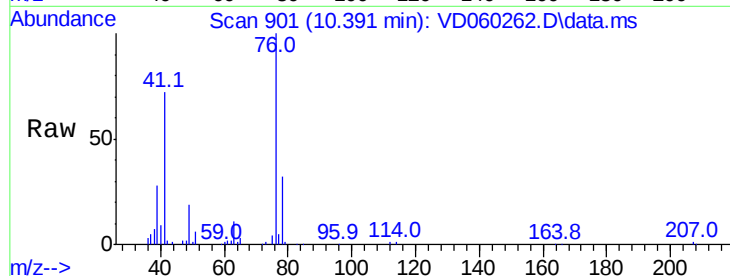




#57
 1,3-Dichloropropane
 Concen: 23.48 ug/l
 RT: 10.391 min Scan# 901
 Delta R.T. 0.021 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

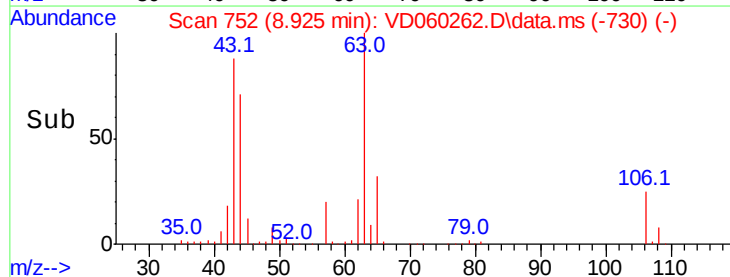
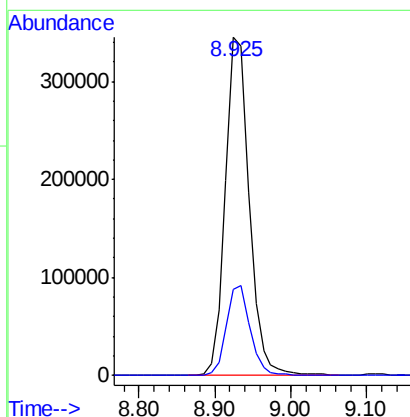
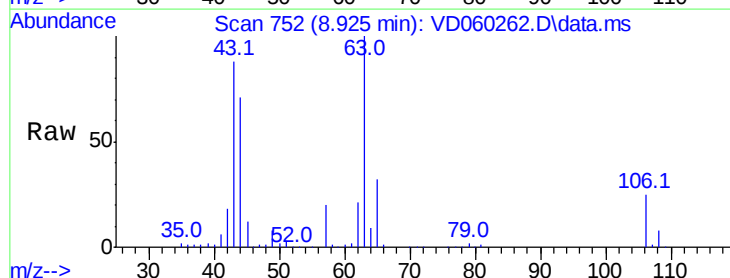
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBSD01

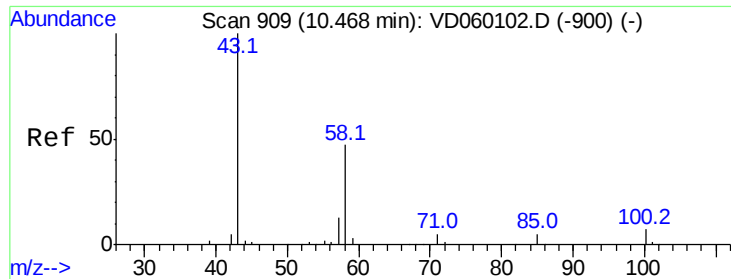
Tot Ion: 76 Resp: 365810
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 120.39 ug/l
 RT: 8.925 min Scan# 752
 Delta R.T. 0.021 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

Tgt Ion: 63 Resp: 753783
 Ion Ratio Lower Upper
 63 100
 106 25.4 22.6 34.0

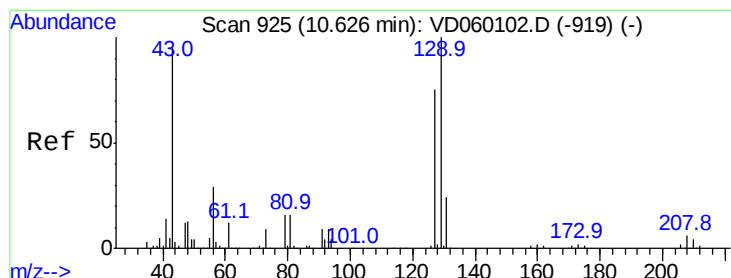
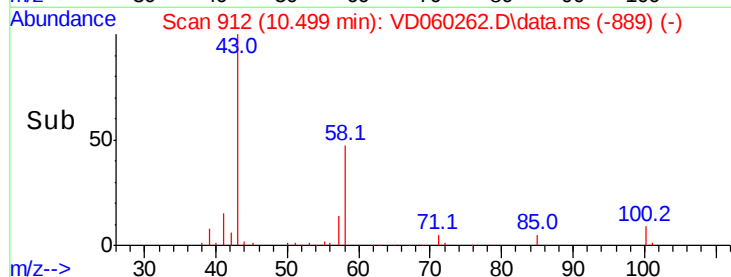
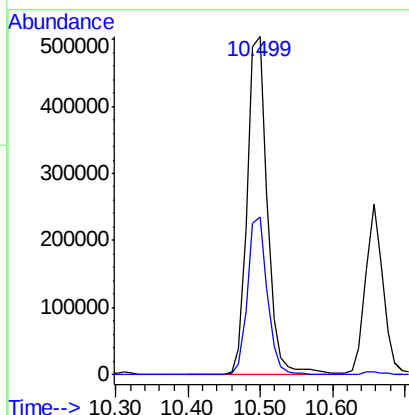
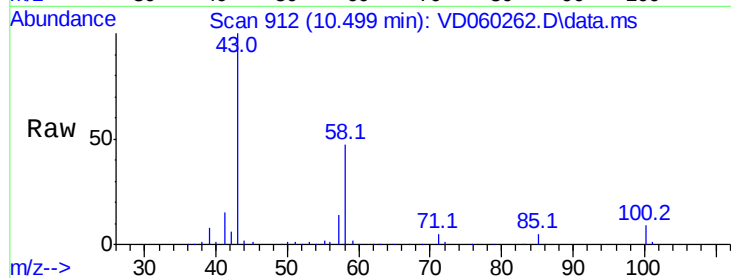




#59
2-Hexanone
Concen: 134.74 ug/l
RT: 10.499 min Scan# 911
Delta R.T. 0.031 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

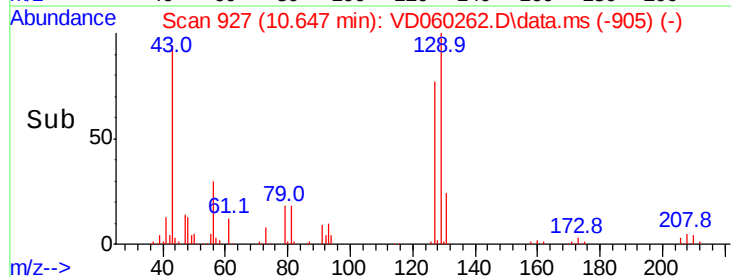
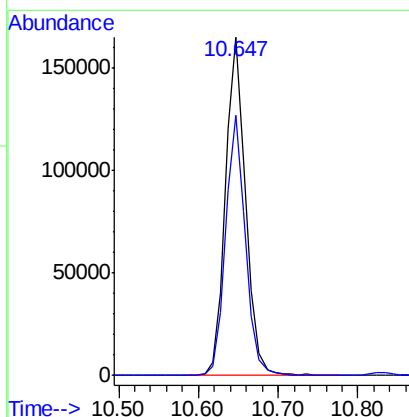
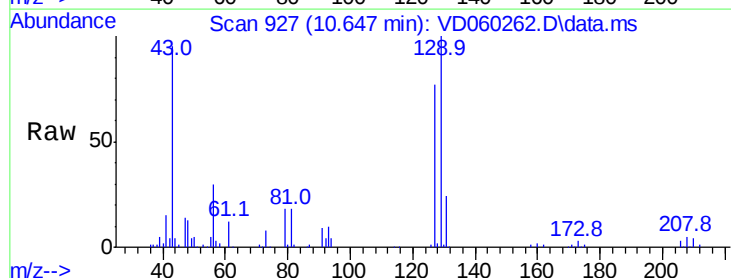
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBSD01

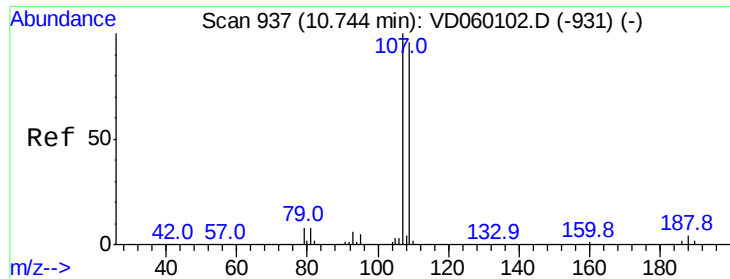
Tot Ion: 43 Resp: 989617
Ion Ratio Lower Upper
43 100
58 46.5 23.3 69.9



#60
Dibromochloromethane
Concen: 23.37 ug/l
RT: 10.647 min Scan# 927
Delta R.T. 0.021 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

Tgt Ion:129 Resp: 292915
Ion Ratio Lower Upper
129 100
127 76.8 37.4 112.2

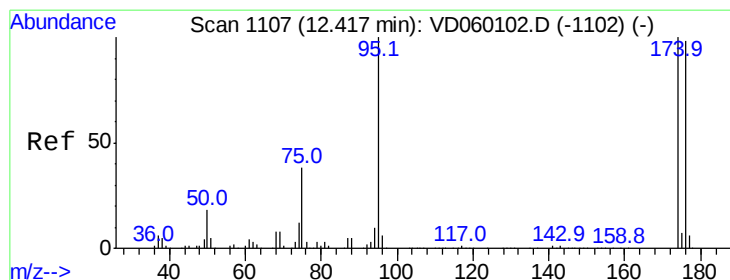
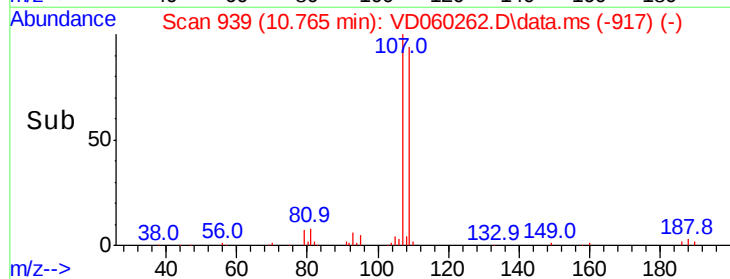
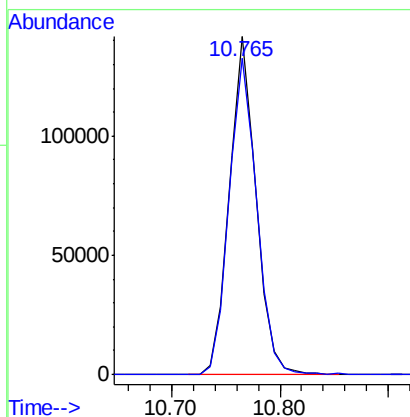
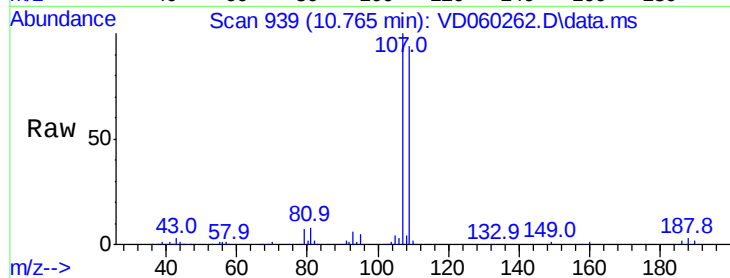




#61
1,2-Dibromoethane
Concen: 22.32 ug/l
RT: 10.765 min Scan# 937
Delta R.T. 0.021 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

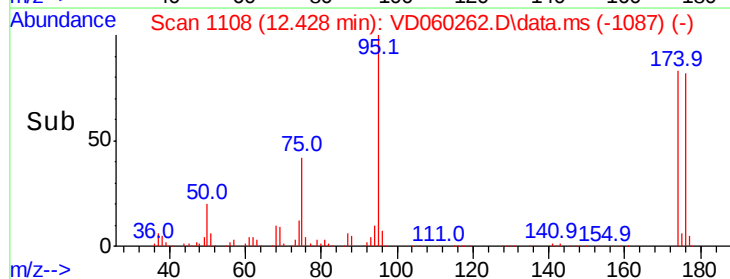
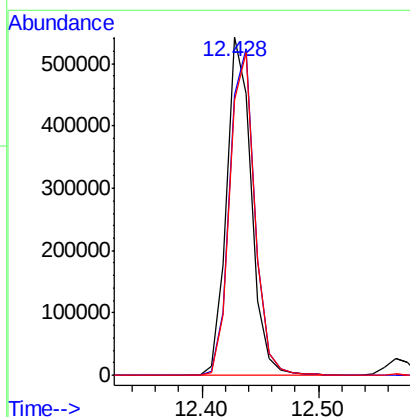
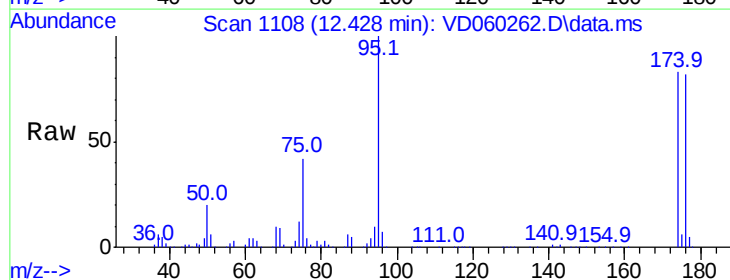
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBSD01

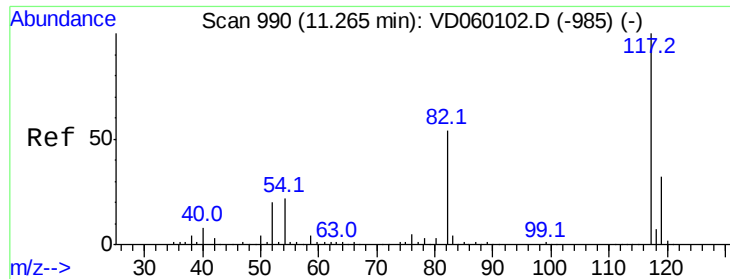
Tot Ion:107 Resp: 242240
Ion Ratio Lower Upper
107 100
109 93.5 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 50.65 ug/l
RT: 12.428 min Scan# 1108
Delta R.T. 0.011 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

Tgt Ion: 95 Resp: 796956
Ion Ratio Lower Upper
95 100
174 83.0 0.0 200.2
176 81.6 0.0 195.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.287 min Scan# 99

Delta R.T. 0.021 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBSD01

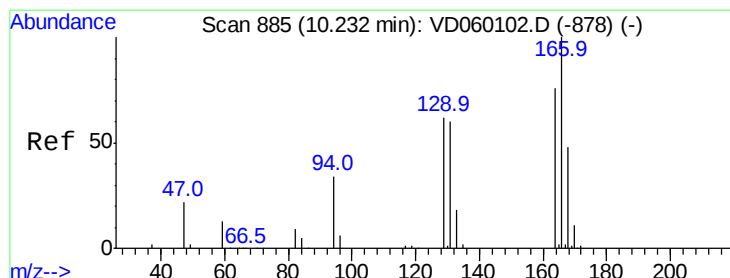
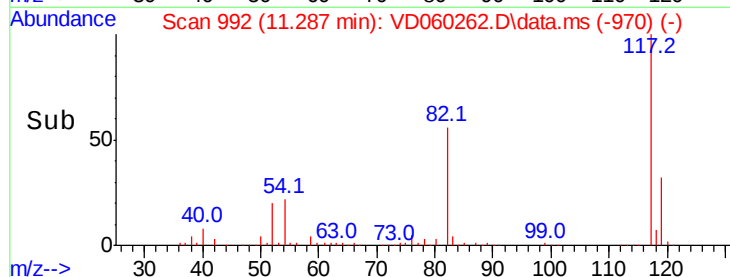
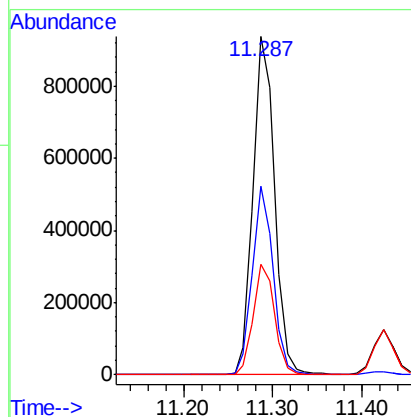
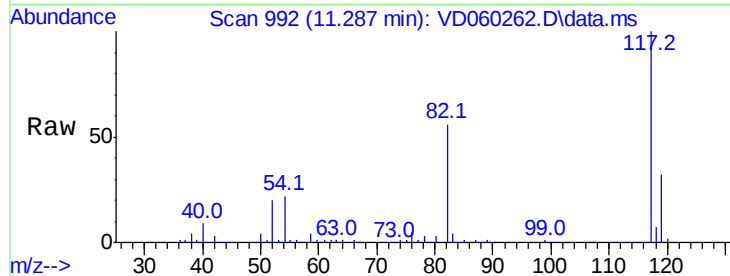
Tot Ion:117 Resp: 1556453

Ion Ratio Lower Upper

117 100

82 55.5 43.4 65.2

119 32.5 26.0 39.0



#64

Tetrachloroethene

Concen: 22.97 ug/l

RT: 10.263 min Scan# 888

Delta R.T. 0.031 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Tgt Ion:164 Resp: 313075

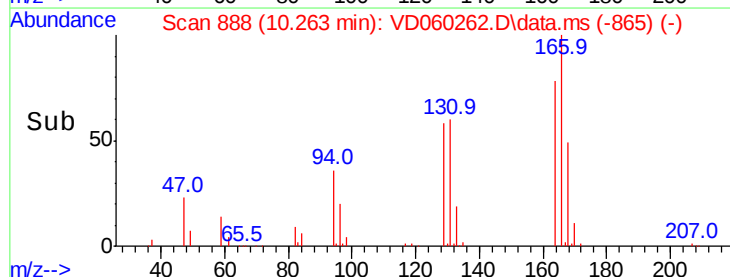
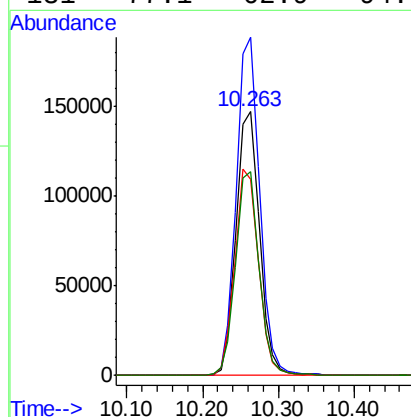
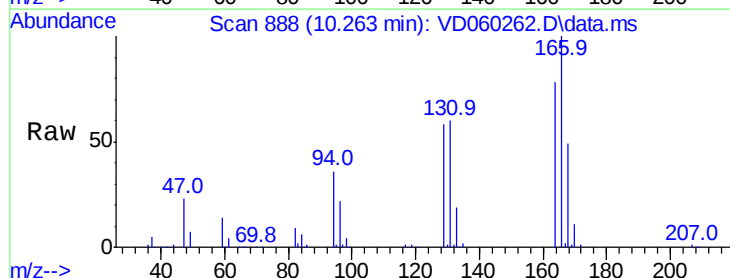
Ion Ratio Lower Upper

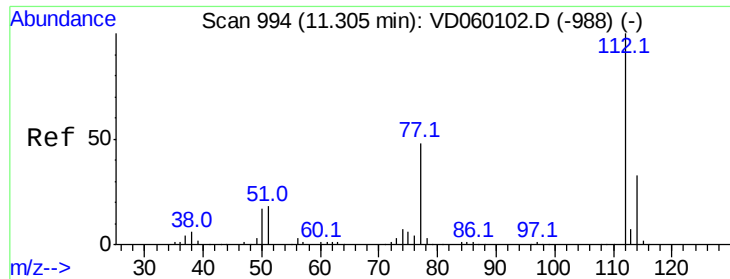
164 100

166 128.2 105.4 158.0

129 74.1 65.7 98.5

131 77.1 62.9 94.3





#65

Chlorobenzene

Concen: 22.71 ug/l

RT: 11.316 min Scan# 99

Delta R.T. 0.011 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Instrument :

MSVOA_D

ClientSampleId :

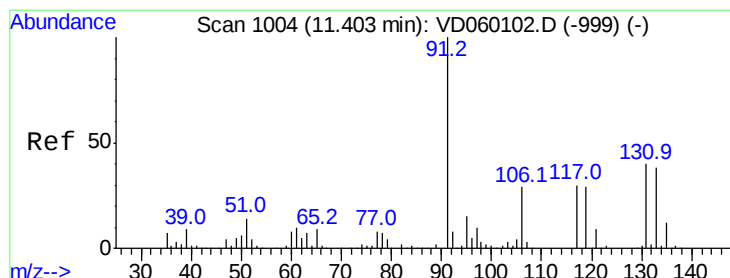
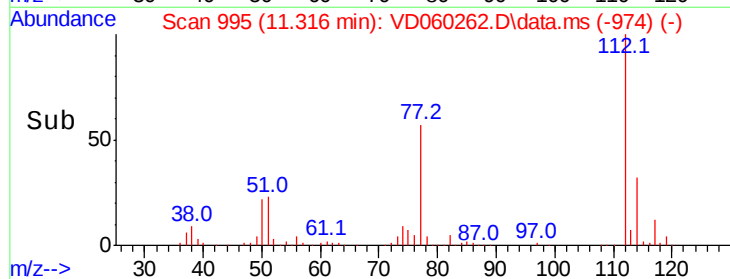
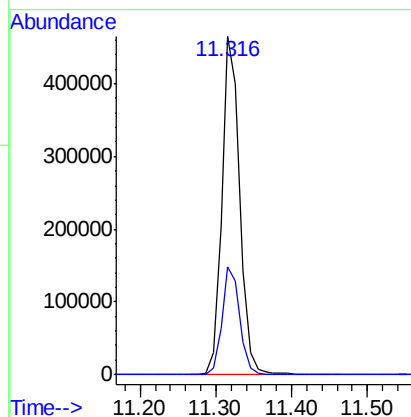
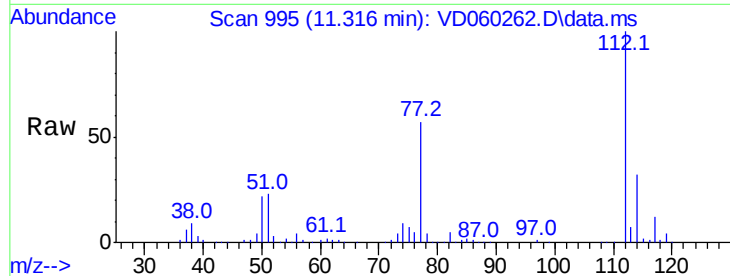
VD1101SBS01

Tot Ion:112 Resp: 764604

Ion Ratio Lower Upper

112 100

114 32.0 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 23.79 ug/l

RT: 11.424 min Scan# 1006

Delta R.T. 0.021 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

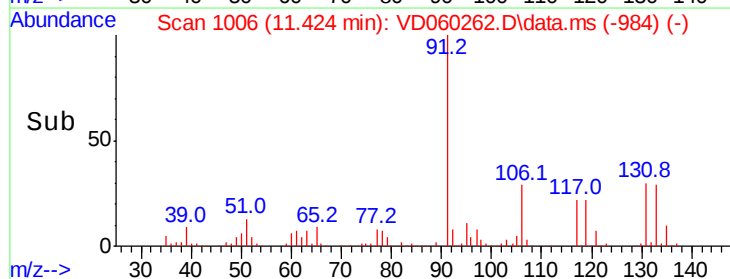
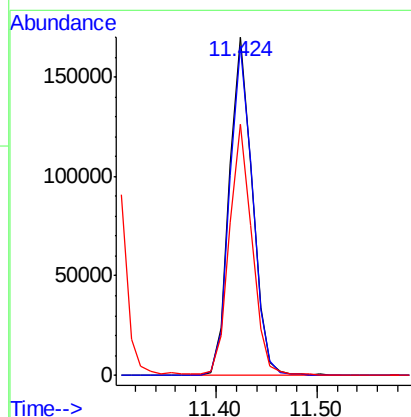
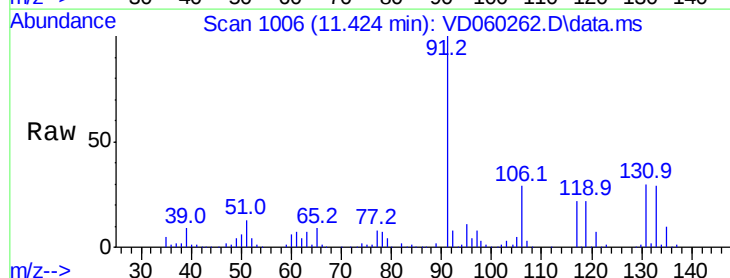
Tgt Ion:131 Resp: 267284

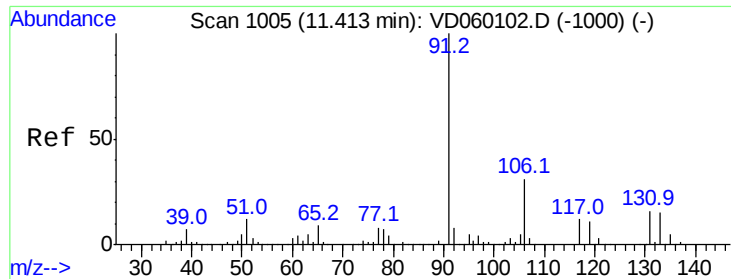
Ion Ratio Lower Upper

131 100

133 97.5 47.4 142.3

119 74.4 36.1 108.3

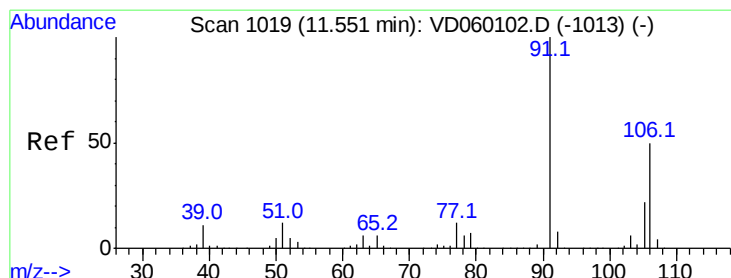
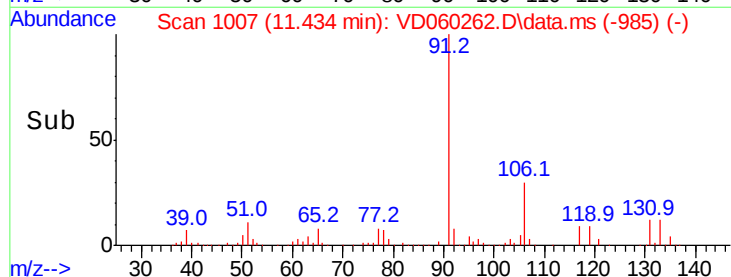
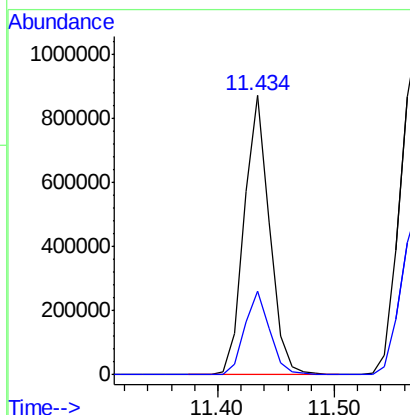
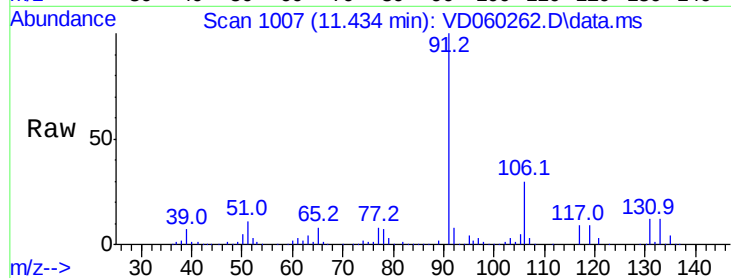




#67
Ethvl Benzene
Concen: 24.02 ug/l
RT: 11.434 min Scan# 1005
Delta R.T. 0.021 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

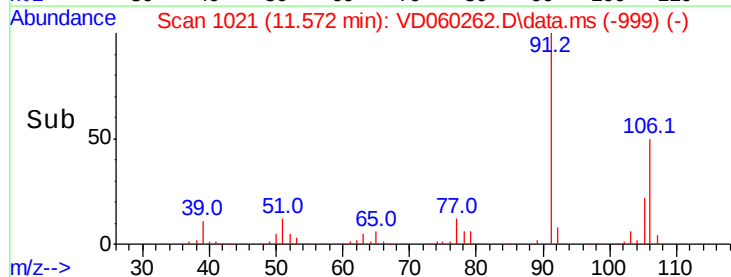
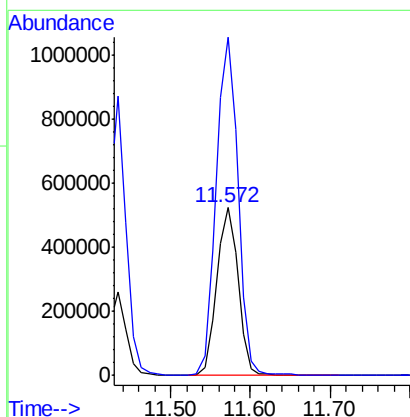
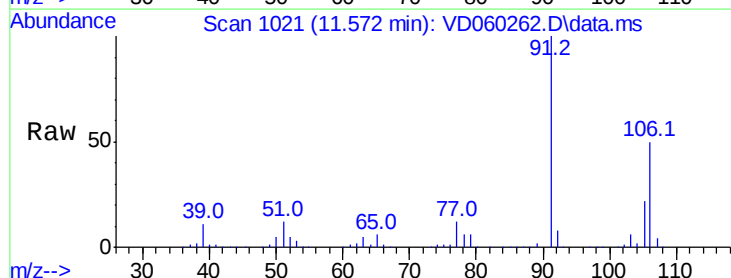
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBSD01

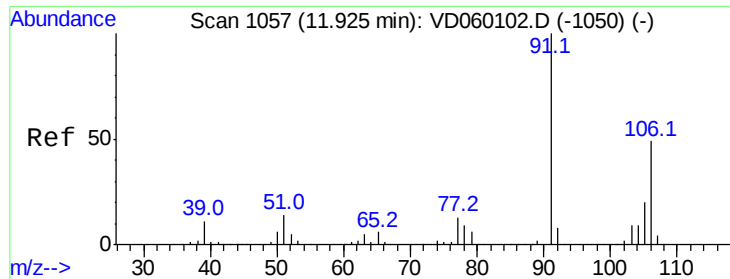
Tot Ion: 91 Resp: 1310541
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6



#68
m/p-Xylenes
Concen: 48.97 ug/l
RT: 11.572 min Scan# 1021
Delta R.T. 0.021 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

Tgt Ion: 106 Resp: 998151
Ion Ratio Lower Upper
106 100
91 201.5 160.0 240.0

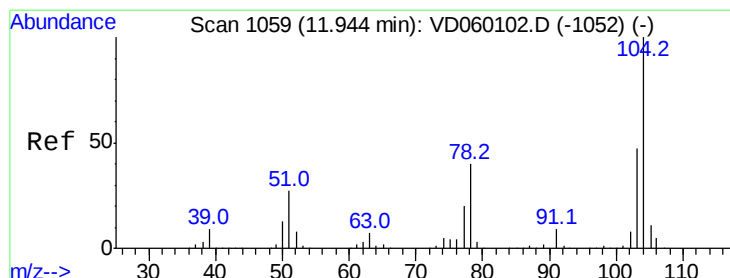
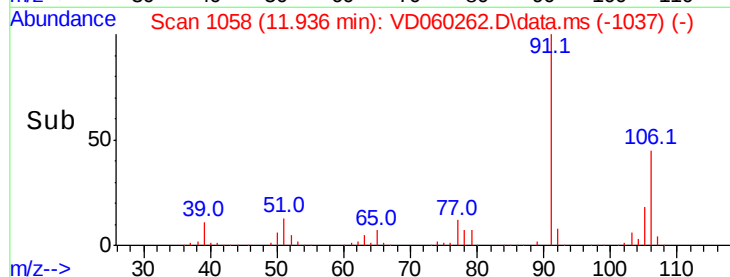
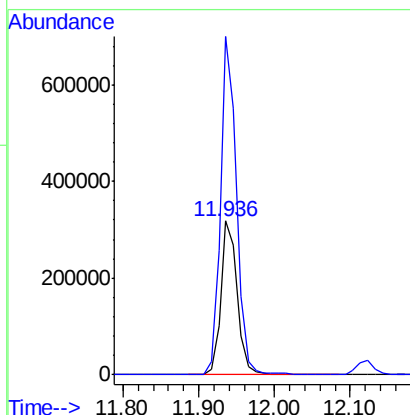
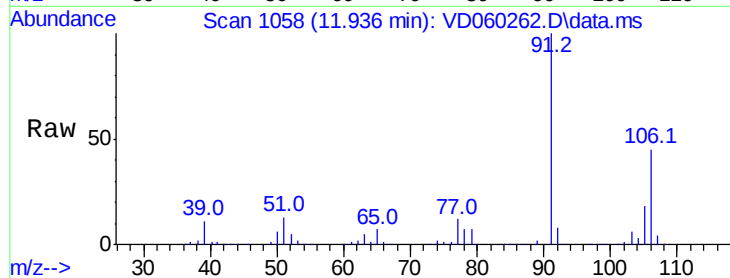




#69
o-Xylene
Concen: 23.73 ug/l
RT: 11.936 min Scan# 1061
Delta R.T. 0.011 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

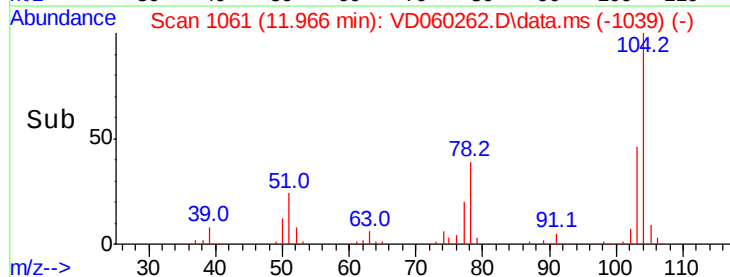
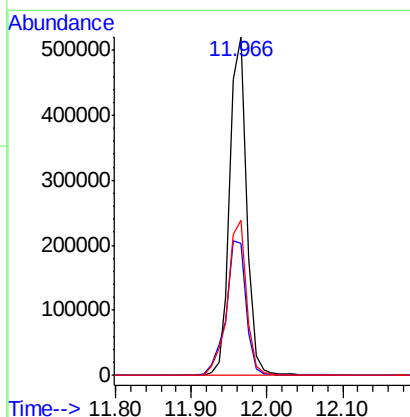
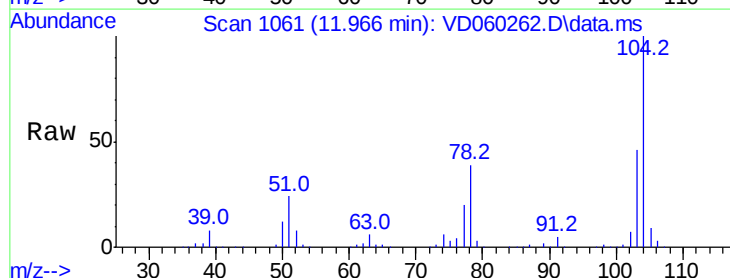
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBSD01

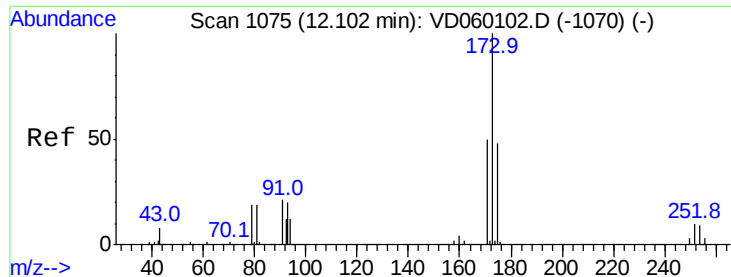
Tot Ion:106 Resp: 478475
Ion Ratio Lower Upper
106 100
91 220.5 102.5 307.5



#70
Styrene
Concen: 23.63 ug/l
RT: 11.966 min Scan# 1061
Delta R.T. 0.021 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

Tgt Ion:104 Resp: 796811
Ion Ratio Lower Upper
104 100
78 38.9 32.2 48.4
103 46.0 37.4 56.0

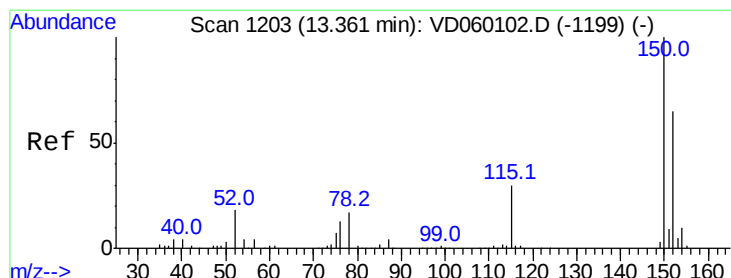
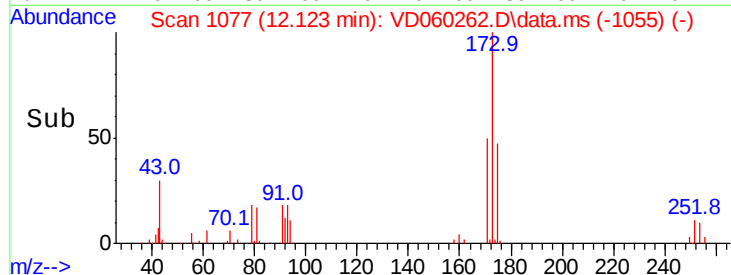
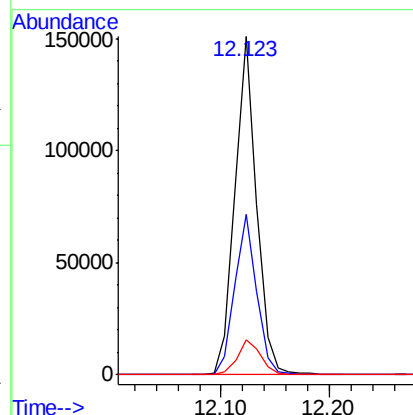
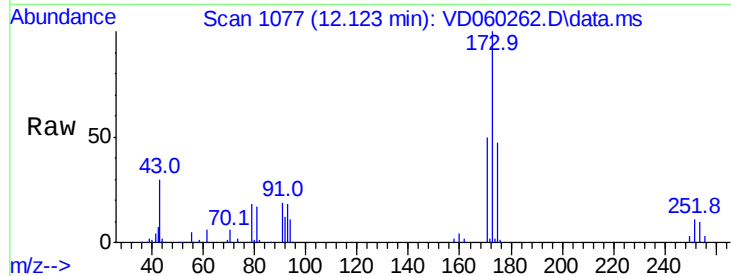




#71
Bromoform
Concen: 23.04 ug/l
RT: 12.123 min Scan# 1075
Delta R.T. 0.021 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

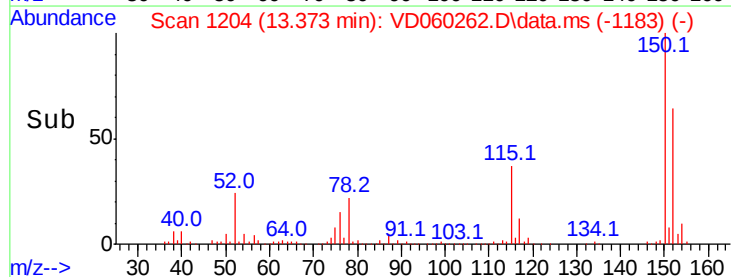
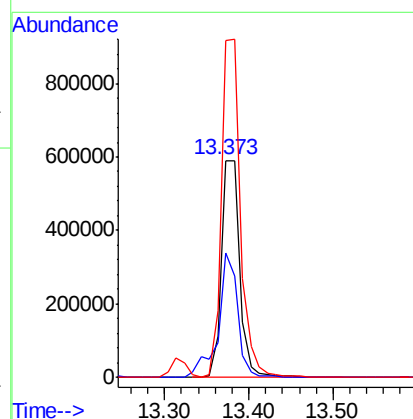
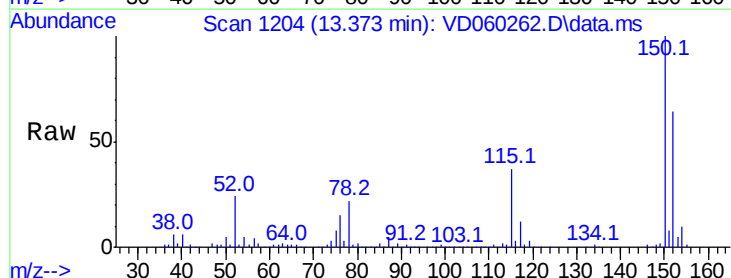
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBSD01

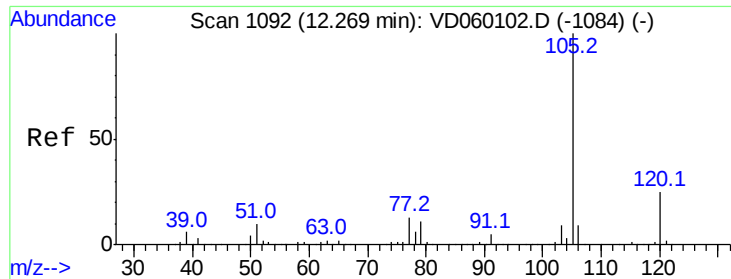
Tot Ion:173 Resp: 209577
Ion Ratio Lower Upper
173 100
175 47.3 24.1 72.4
254 10.2 7.4 11.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.373 min Scan# 1204
Delta R.T. 0.011 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

Tgt Ion:152 Resp: 893945
Ion Ratio Lower Upper
152 100
115 57.5 27.1 81.2
150 155.5 0.0 311.8

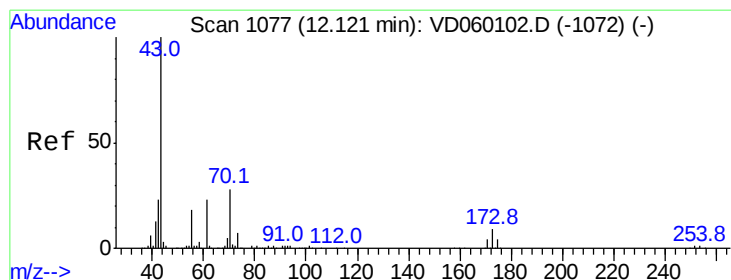
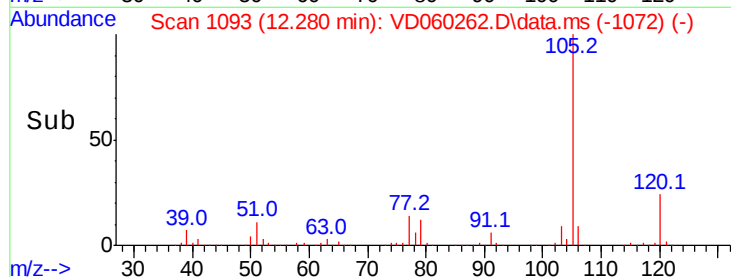
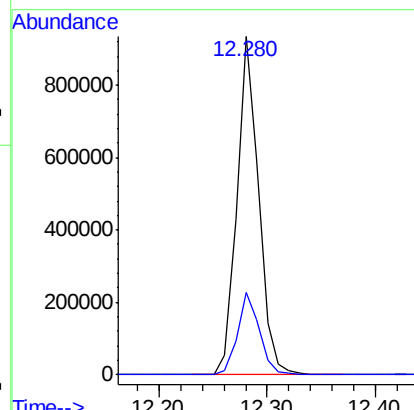
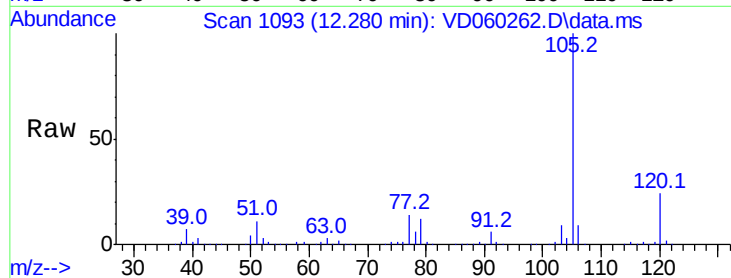




#73
Isopropylbenzene
Concen: 22.10 ug/l
RT: 12.280 min Scan# 1092
Delta R.T. 0.011 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

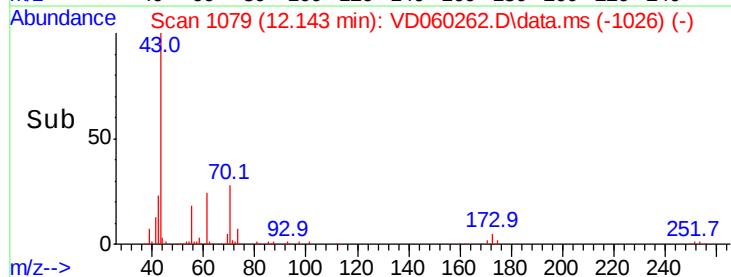
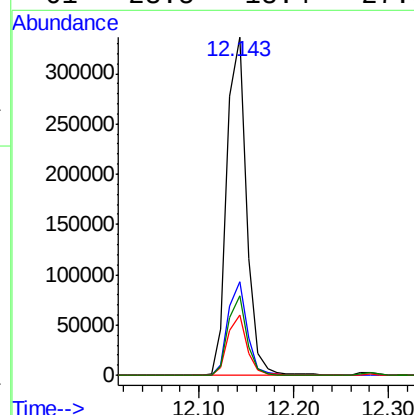
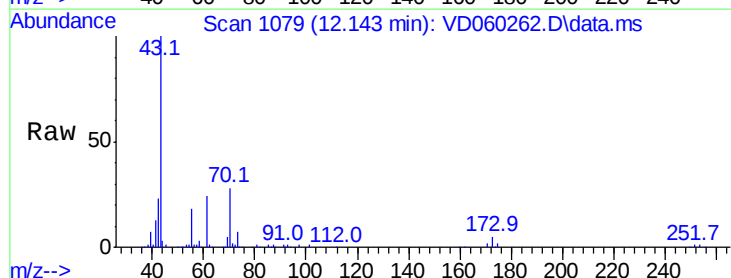
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBS01

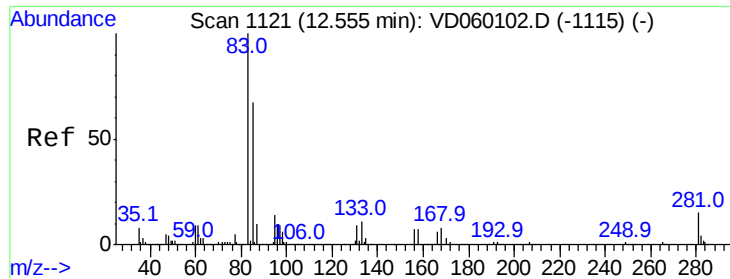
Tot Ion:105 Resp: 1303642
Ion Ratio Lower Upper
105 100
120 24.3 12.6 37.6



#74
N-ethyl acetate
Concen: 22.31 ug/l
RT: 12.143 min Scan# 1079
Delta R.T. 0.021 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

Tgt Ion: 43 Resp: 482027
Ion Ratio Lower Upper
43 100
70 27.7 22.1 33.1
55 17.8 14.1 21.1
61 23.5 18.4 27.6

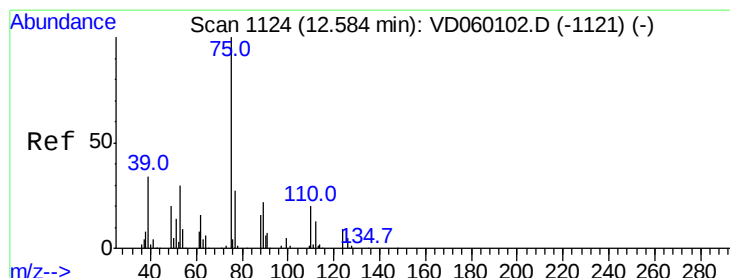
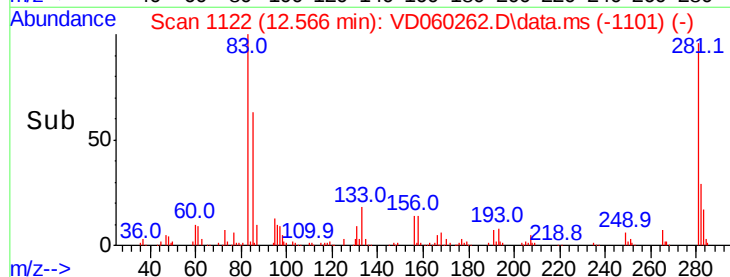
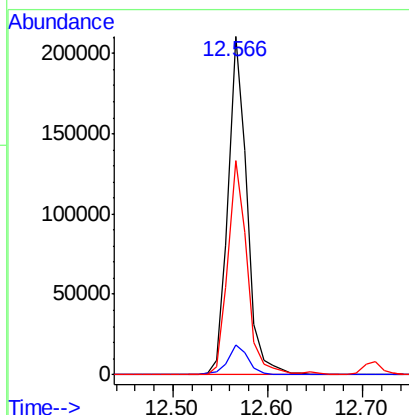
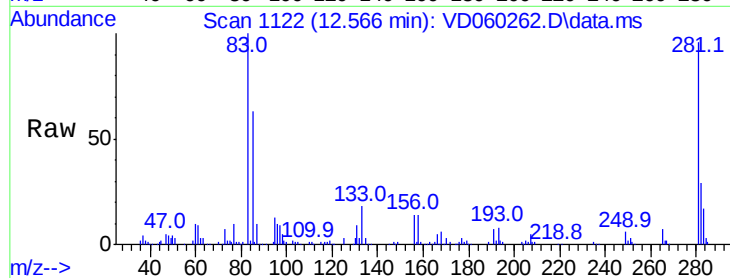




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.50 ug/l
 RT: 12.566 min Scan# 1121
 Delta R.T. 0.011 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

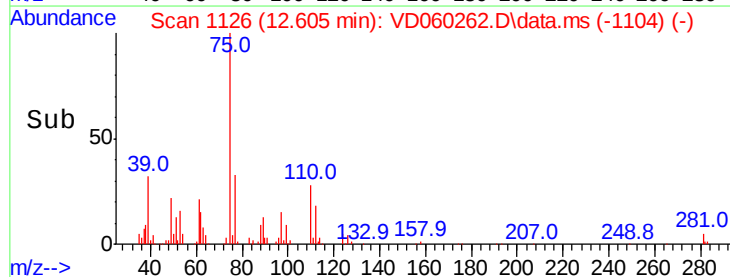
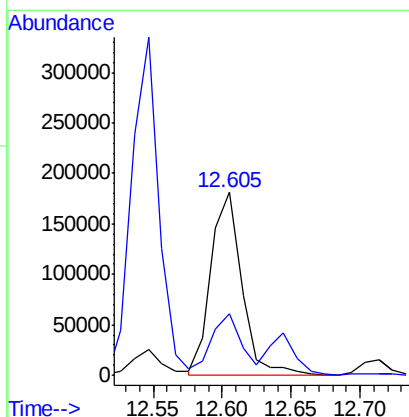
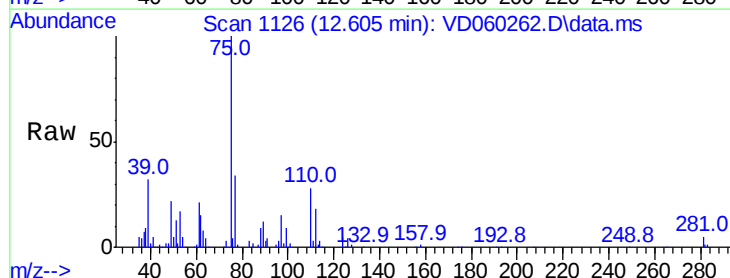
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBSD01

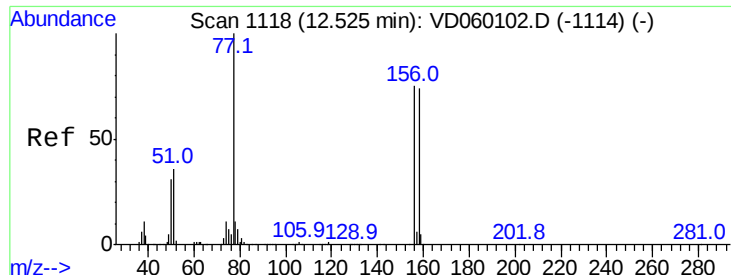
Tot Ion	Ratio	Lower	Upper
83	100		
131	8.7	4.5	13.4
85	63.2	33.3	99.9



#76
 1,2,3-Trichloropropane
 Concen: 21.70 ug/l
 RT: 12.605 min Scan# 1126
 Delta R.T. 0.021 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.7	16.3	48.9





#77

Bromobenzene

Concen: 21.61 ug/l

RT: 12.546 min Scan# 111

Delta R.T. 0.021 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBS01

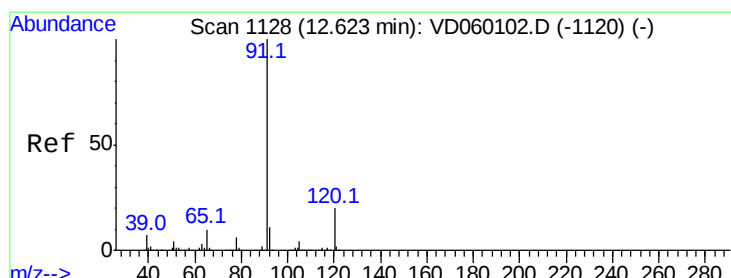
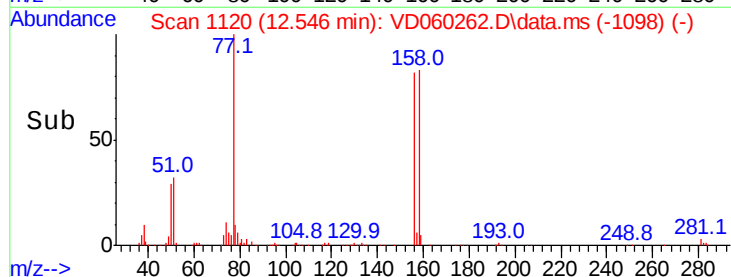
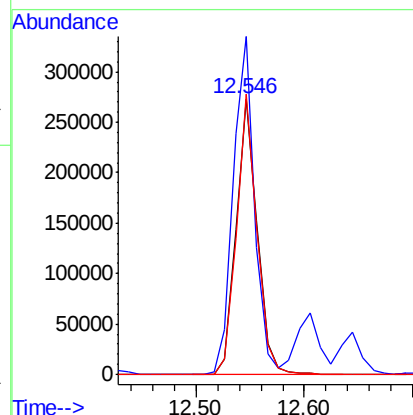
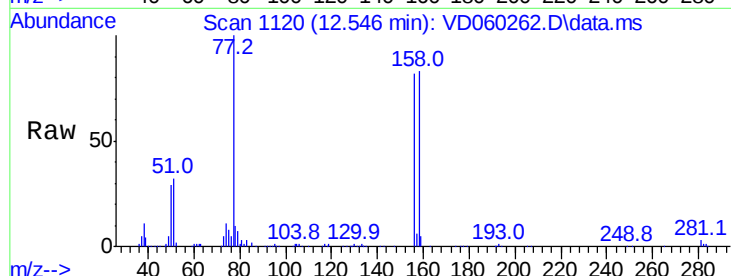
Tot Ion:156 Resp: 370408

Ion Ratio Lower Upper

156 100

77 122.5 66.9 200.7

158 101.5 49.1 147.4



#78

n-propylbenzene

Concen: 22.61 ug/l

RT: 12.645 min Scan# 1130

Delta R.T. 0.021 min

Lab File: VD060262.D

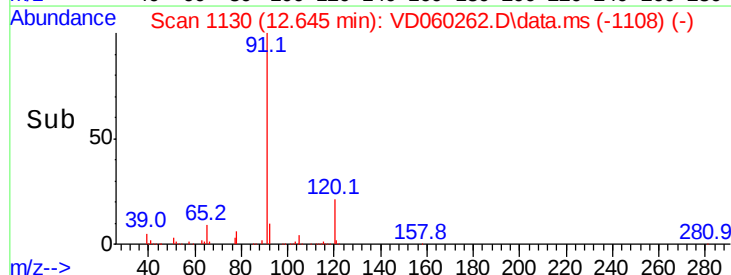
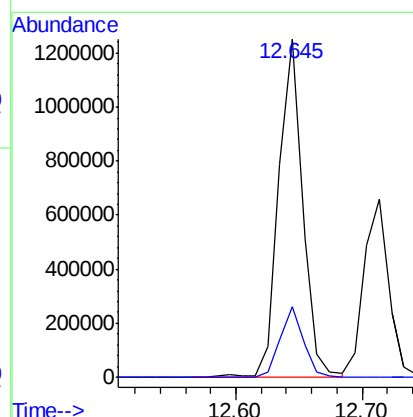
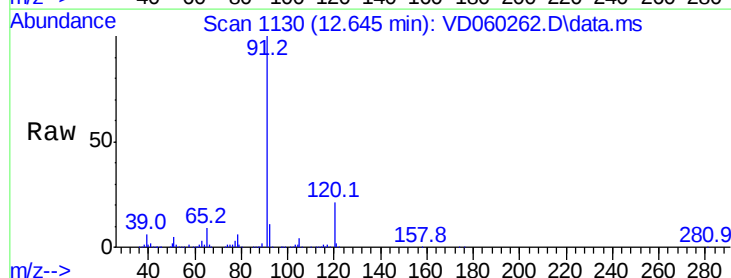
Acq: 1 Nov 2018 15:10

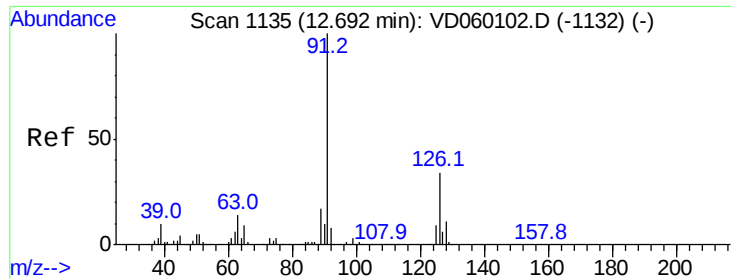
Tgt Ion: 91 Resp: 1655781

Ion Ratio Lower Upper

91 100

120 21.0 10.0 30.0

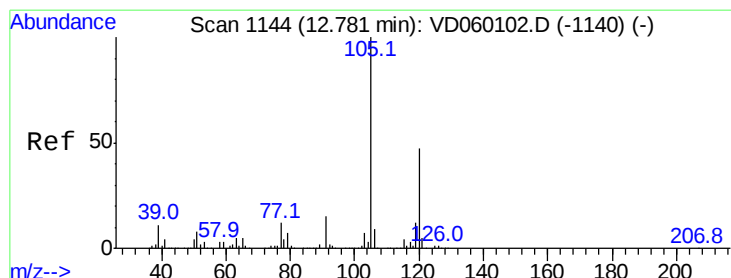
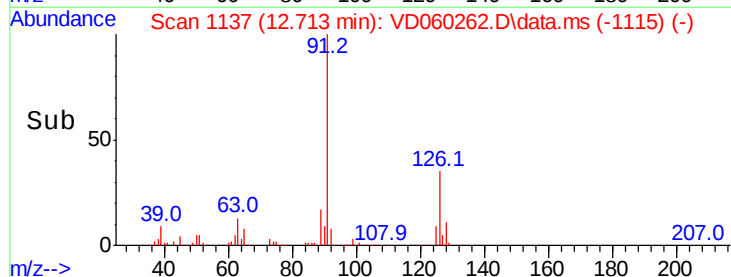
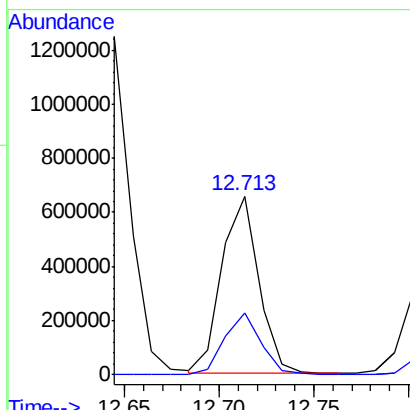
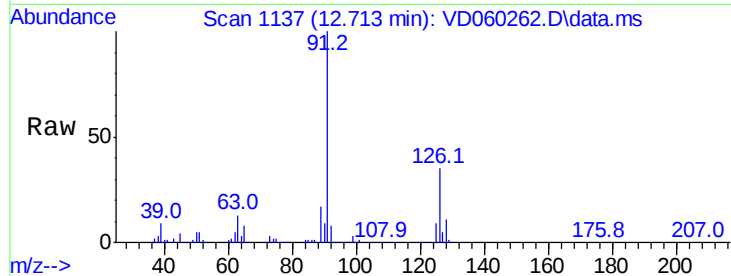




#79
 2-Chlorotoluene
 Concen: 21.81 ug/l
 RT: 12.713 min Scan# 1135
 Delta R.T. 0.021 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

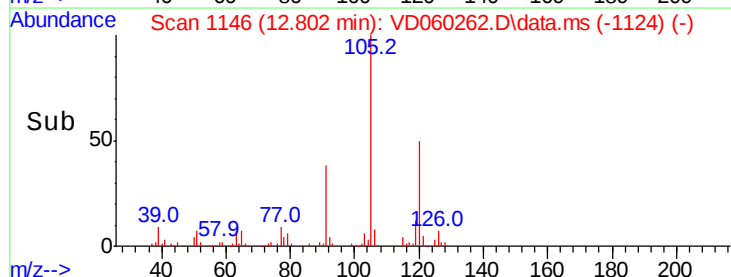
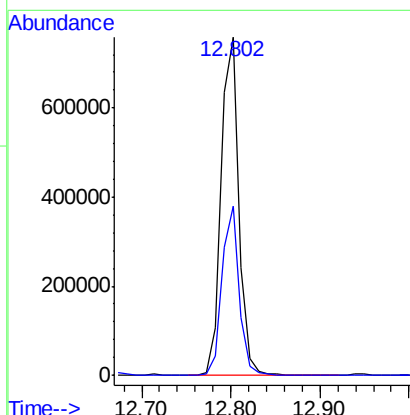
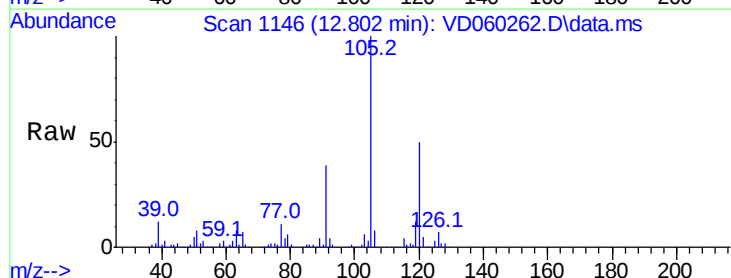
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBSD01

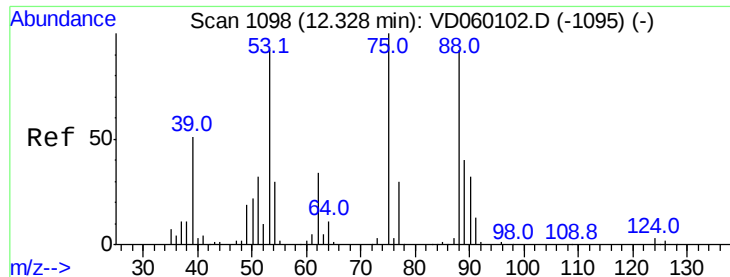
Tot Ion: 91 Resp: 886629
 Ion Ratio Lower Upper
 91 100
 126 34.7 16.8 50.3



#80
 1,3,5-Trimethylbenzene
 Concen: 23.24 ug/l
 RT: 12.802 min Scan# 1146
 Delta R.T. 0.021 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

Tgt Ion: 105 Resp: 1060585
 Ion Ratio Lower Upper
 105 100
 120 49.9 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 20.66 ug/l

RT: 12.349 min Scan# 111

Delta R.T. 0.021 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBSD01

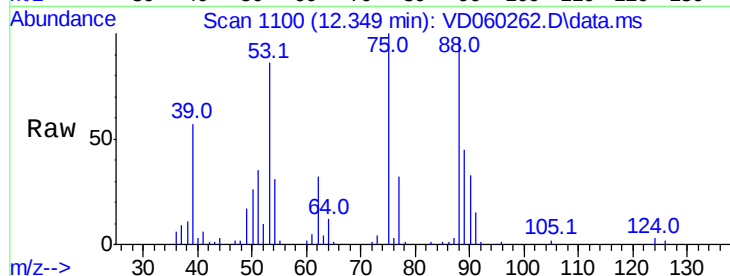
Tot Ion: 75 Resp: 74742

Ion Ratio Lower Upper

75 100

53 86.5 73.0 109.6

89 44.9 32.0 48.0



Abundance

200000

150000

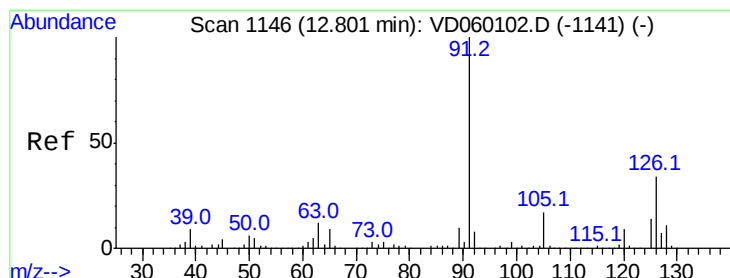
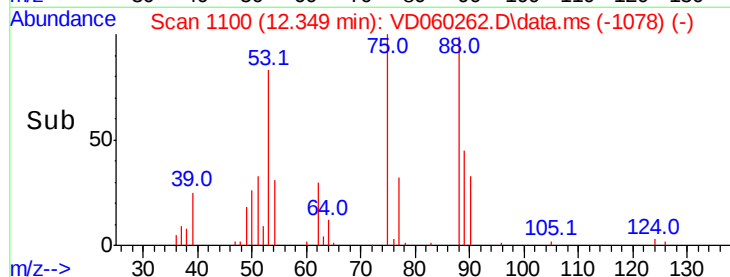
100000

50000

0

12.349

Time-->



#82

4-Chlorotoluene

Concen: 23.38 ug/l

RT: 12.812 min Scan# 1147

Delta R.T. 0.011 min

Lab File: VD060262.D

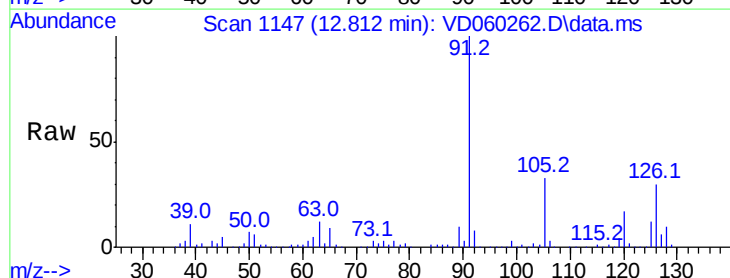
Acq: 1 Nov 2018 15:10

Tgt Ion: 91 Resp: 1074800

Ion Ratio Lower Upper

91 100

126 30.2 17.1 51.2



Abundance

600000

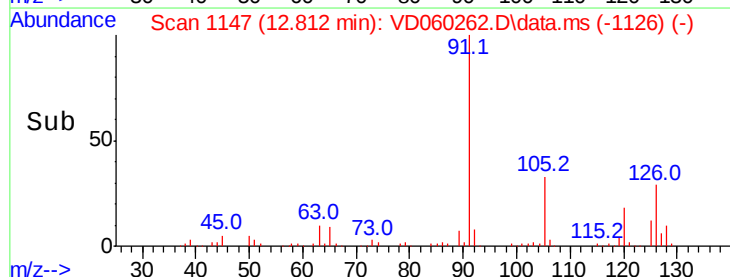
400000

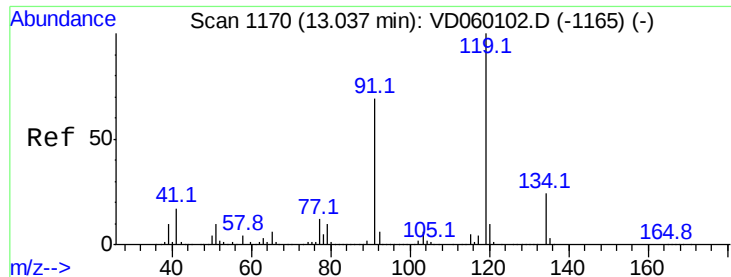
200000

0

12.812

Time-->

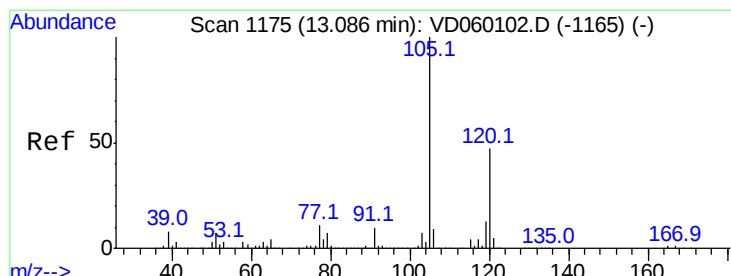
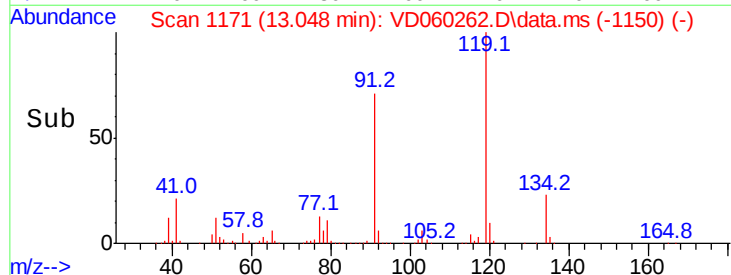
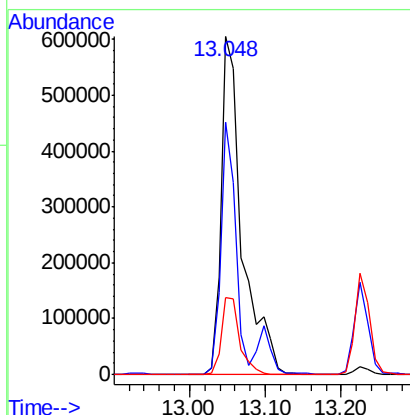
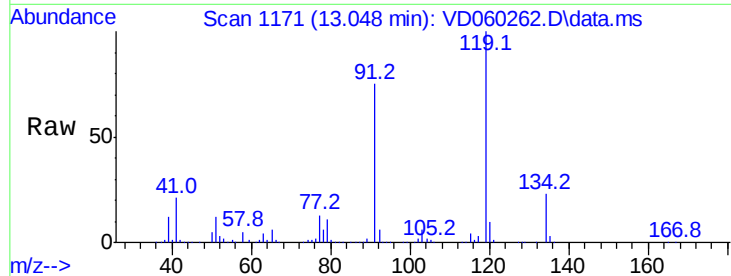




#83
tert-Butylbenzene
Concen: 22.50 ug/l
RT: 13.048 min Scan# 1170
Delta R.T. 0.011 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

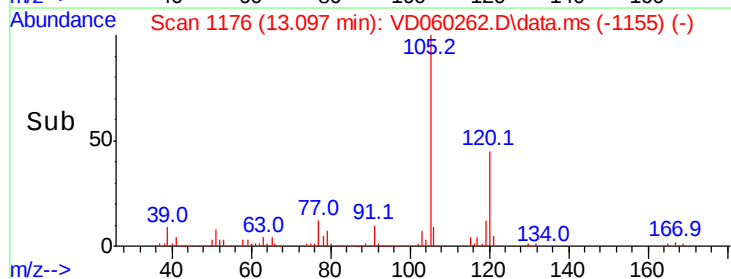
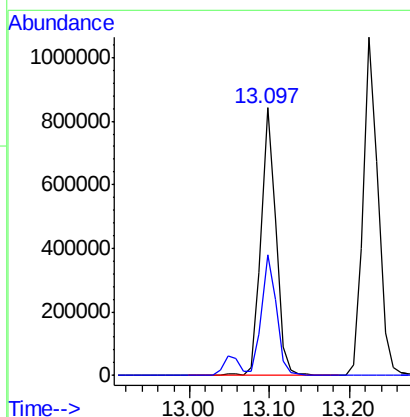
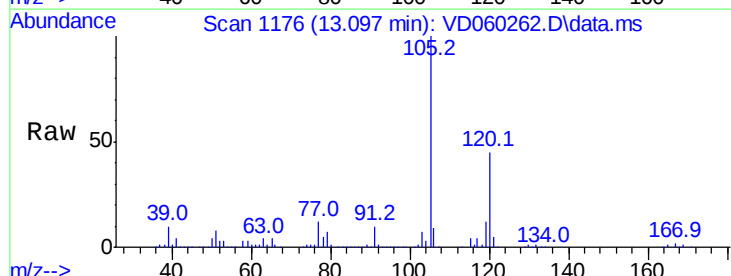
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBSD01

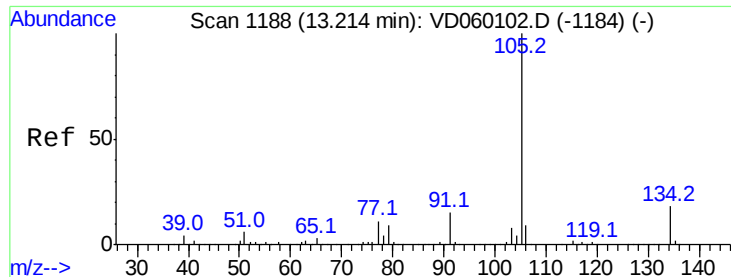
Tot Ion:119 Resp: 1178296
Ion Ratio Lower Upper
119 100
91 74.8 34.8 104.4
134 22.6 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 22.12 ug/l
RT: 13.097 min Scan# 1176
Delta R.T. 0.011 min
Lab File: VD060262.D
Acq: 1 Nov 2018 15:10

Tgt Ion:105 Resp: 1063917
Ion Ratio Lower Upper
105 100
120 45.1 23.4 70.0

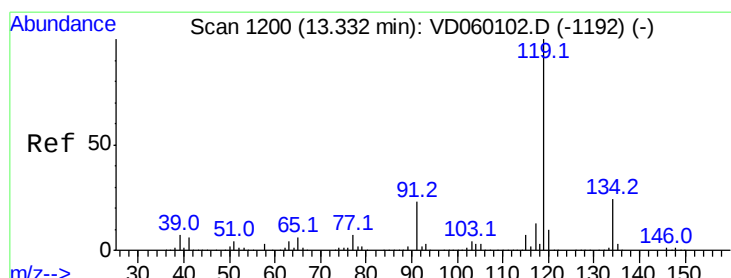
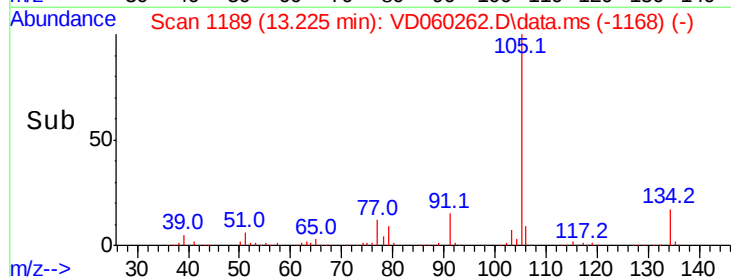
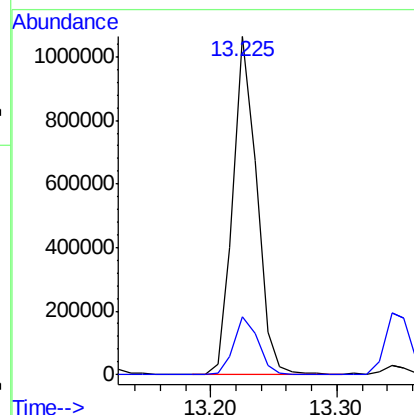
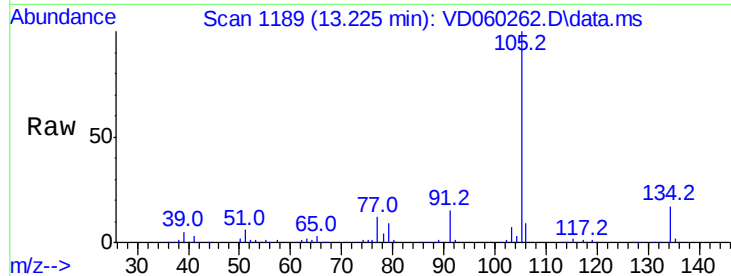




#85
 sec-Butylbenzene
 Concen: 22.35 ug/l
 RT: 13.225 min Scan# 1188
 Delta R.T. 0.011 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

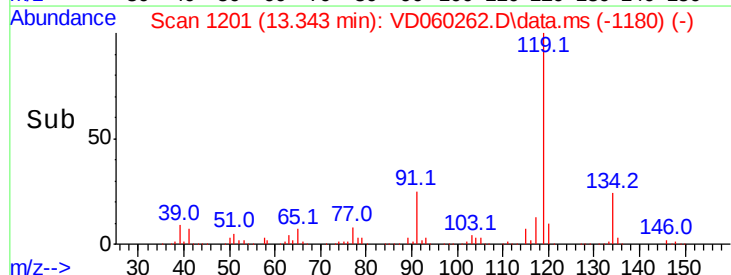
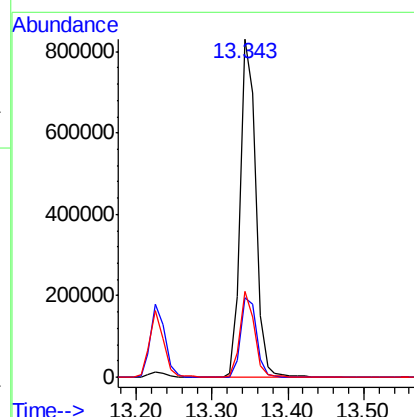
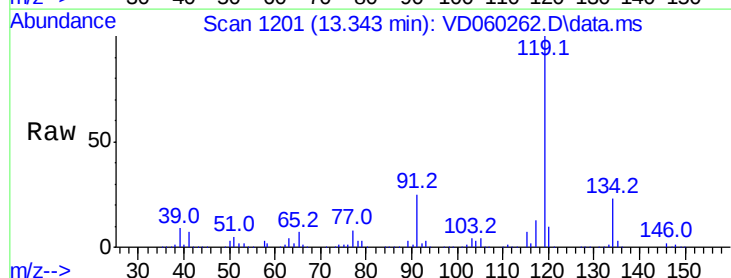
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBS01

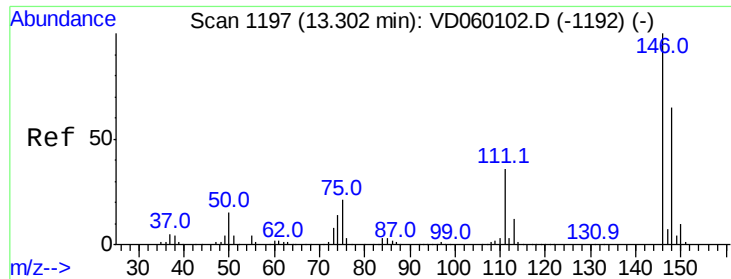
Tot Ion:105 Resp: 1384097
 Ion Ratio Lower Upper
 105 100
 134 16.9 8.8 26.2



#86
 p-Isopropyltoluene
 Concen: 22.50 ug/l
 RT: 13.343 min Scan# 1201
 Delta R.T. 0.011 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

Tgt Ion:119 Resp: 1142965
 Ion Ratio Lower Upper
 119 100
 134 23.5 12.3 36.8
 91 25.4 11.8 35.4

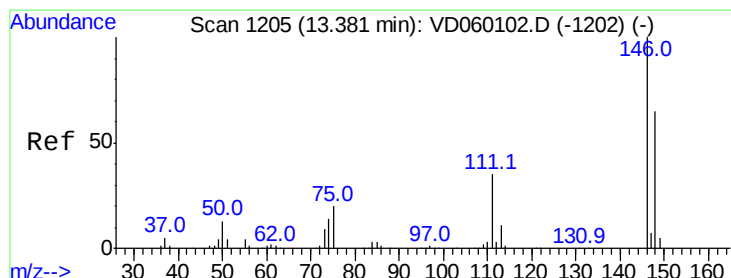
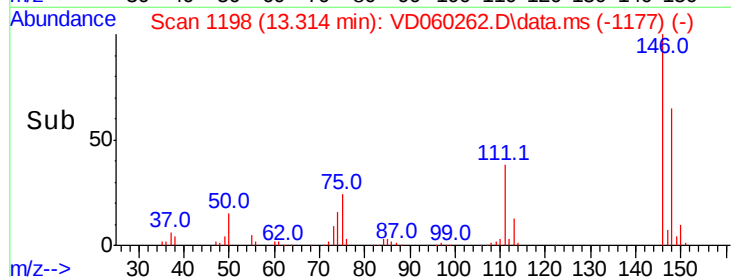
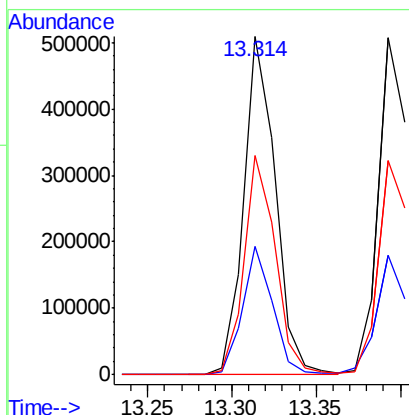
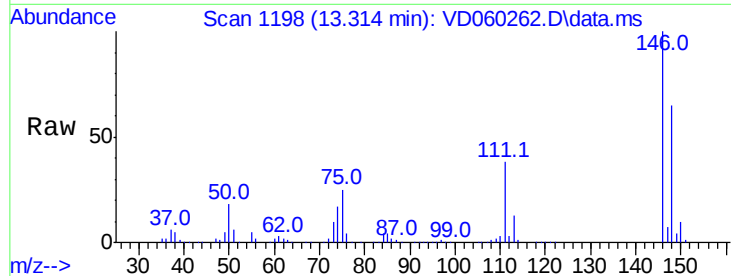




#87
 1,3-Dichlorobenzene
 Concen: 22.17 ug/l
 RT: 13.314 min Scan# 111
 Delta R.T. 0.011 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

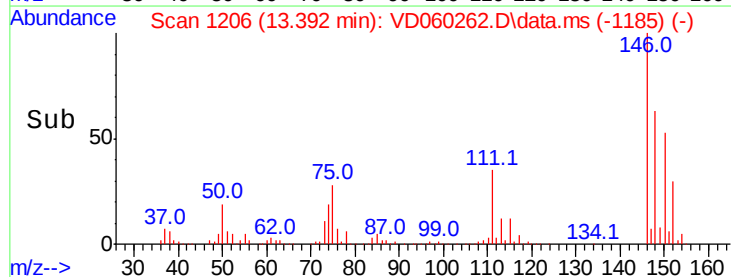
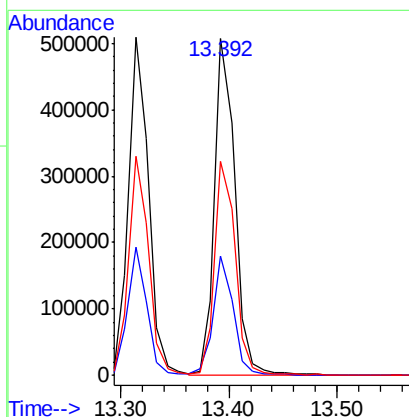
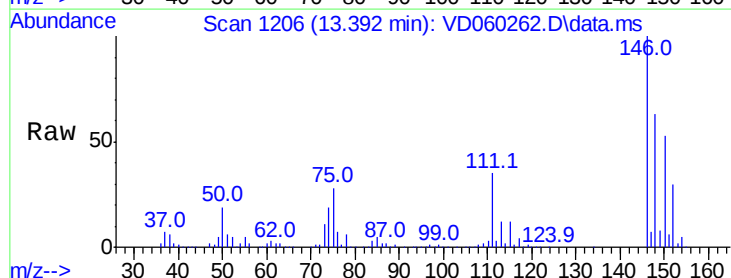
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBSD01

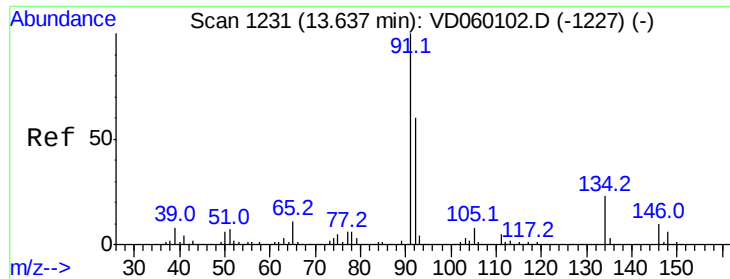
Tot Ion:146 Resp: 661823
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.1 54.3
 148 64.8 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 22.12 ug/l
 RT: 13.392 min Scan# 1206
 Delta R.T. 0.011 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

Tgt Ion:146 Resp: 663472
 Ion Ratio Lower Upper
 146 100
 111 35.2 17.8 53.3
 148 63.4 32.4 97.2





#89

n-Butylbenzene

Concen: 23.24 ug/l

RT: 13.648 min Scan# 12

Delta R.T. 0.011 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBS01

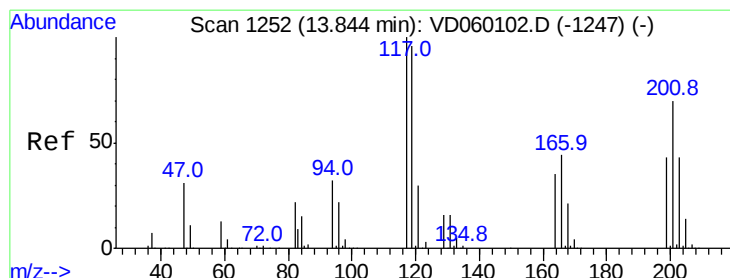
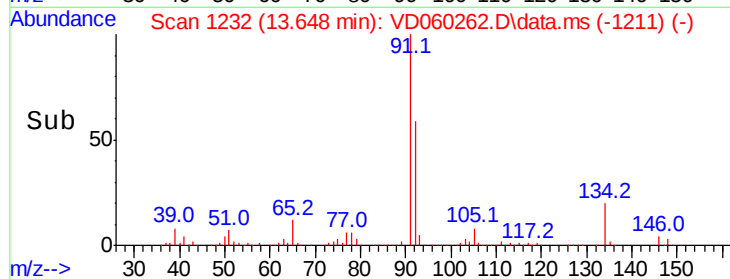
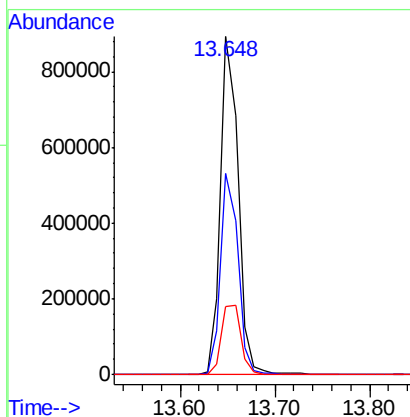
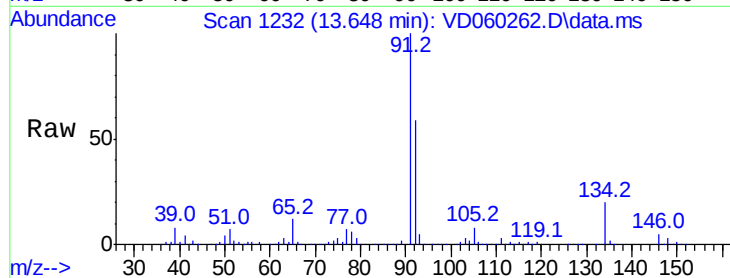
Tot Ion: 91 Resp: 1151901

Ion Ratio Lower Upper

91 100

92 59.4 30.1 90.3

134 20.2 11.6 34.7



#90

Hexachloroethane

Concen: 21.98 ug/l

RT: 13.865 min Scan# 1254

Delta R.T. 0.021 min

Lab File: VD060262.D

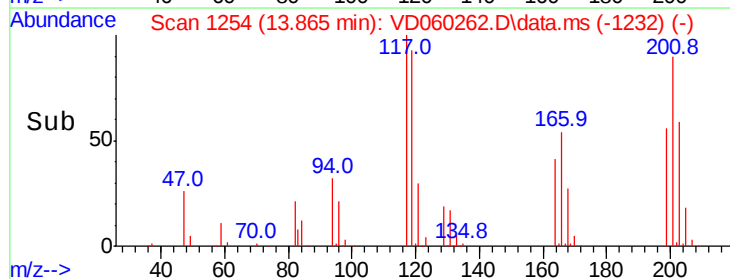
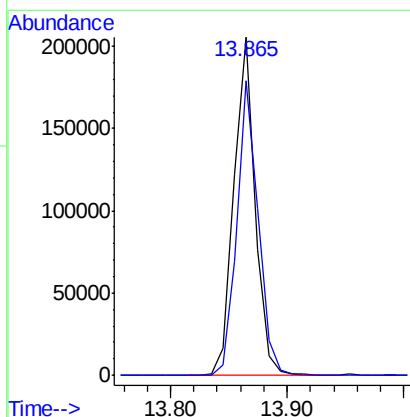
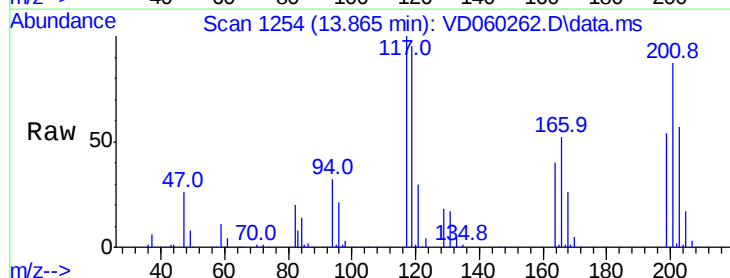
Acq: 1 Nov 2018 15:10

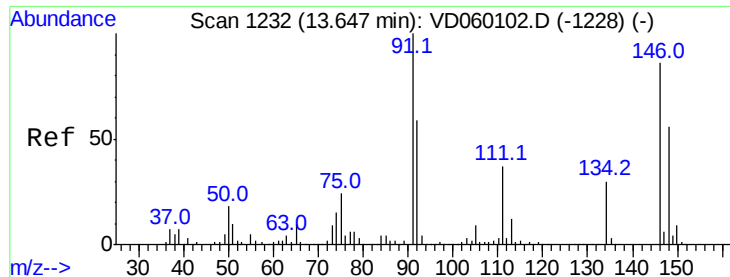
Tgt Ion: 117 Resp: 258439

Ion Ratio Lower Upper

117 100

201 87.2 34.8 104.5

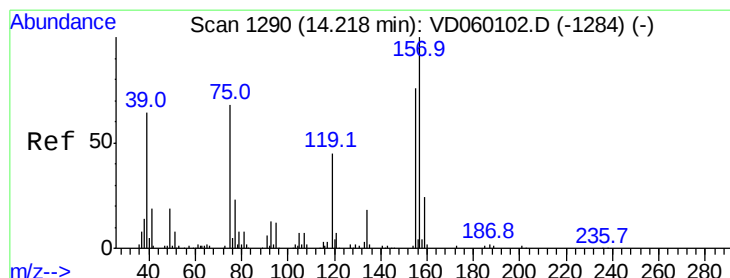
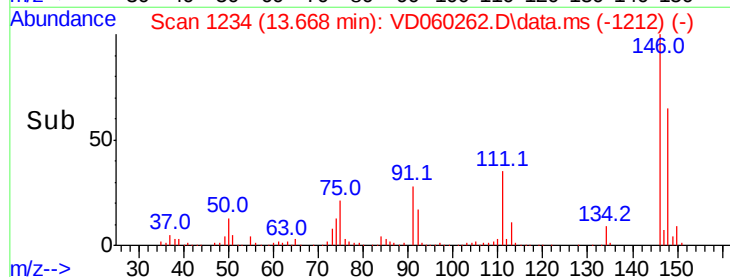
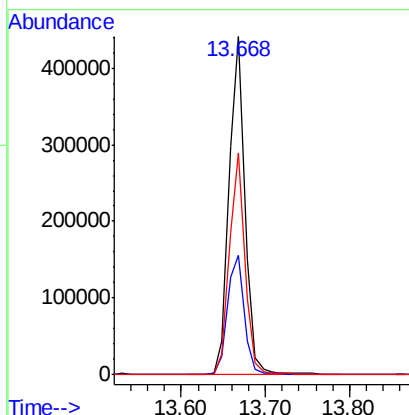
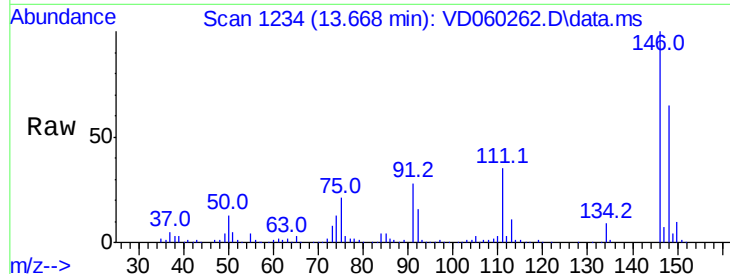




#91
 1,2-Dichlorobenzene
 Concen: 22.84 ug/l
 RT: 13.668 min Scan# 1232
 Delta R.T. 0.021 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

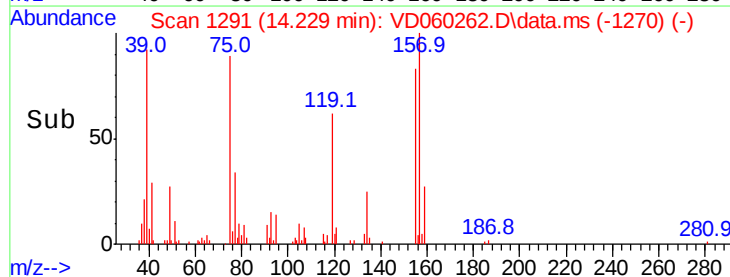
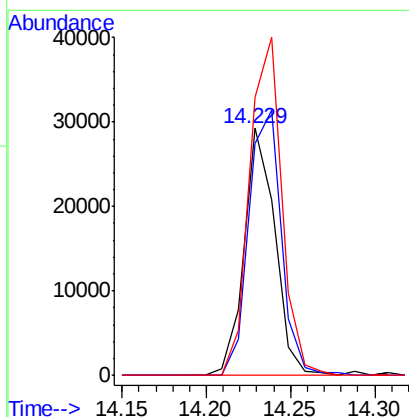
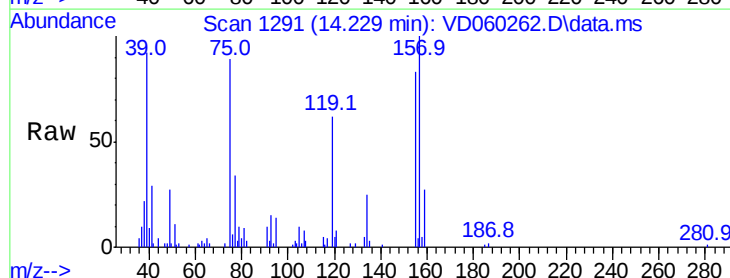
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBSD01

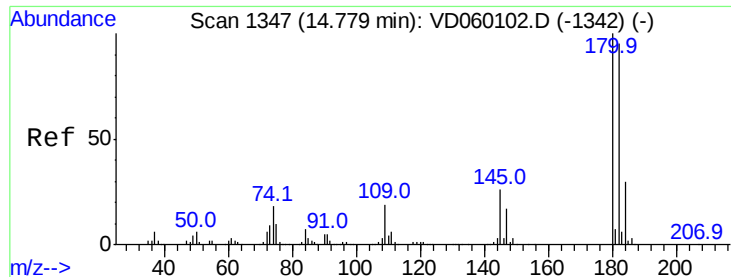
Tot Ion:146 Resp: 573320
 Ion Ratio Lower Upper
 146 100
 111 35.3 21.4 64.3
 148 65.4 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.47 ug/l
 RT: 14.229 min Scan# 1291
 Delta R.T. 0.011 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

Tgt Ion: 75 Resp: 36916
 Ion Ratio Lower Upper
 75 100
 155 93.7 55.9 167.7
 157 112.7 73.3 219.8

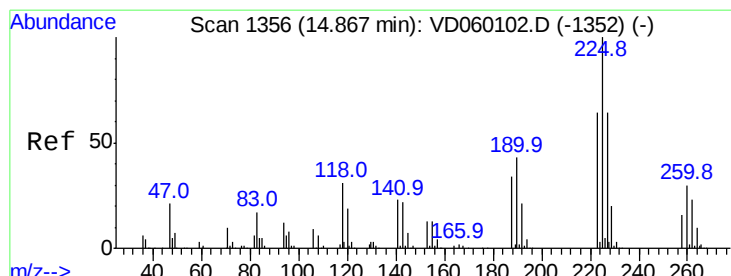
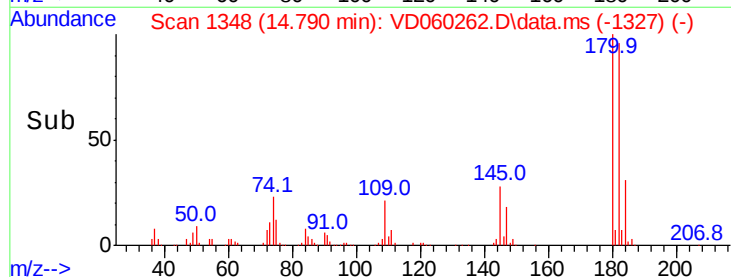
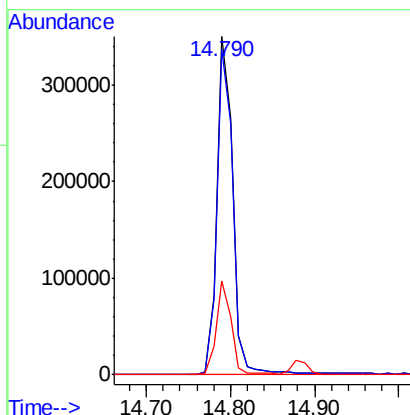
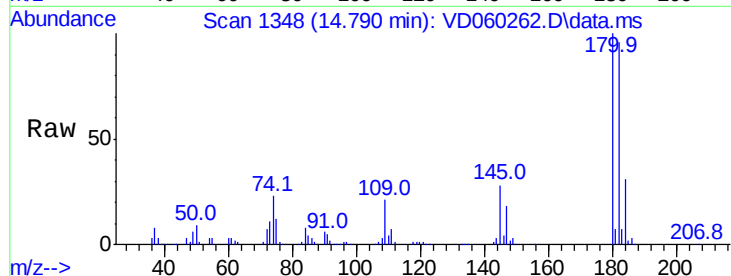




#93
 1,2,4-Trichlorobenzene
 Concen: 21.54 ug/l
 RT: 14.790 min Scan# 1347
 Delta R.T. 0.011 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

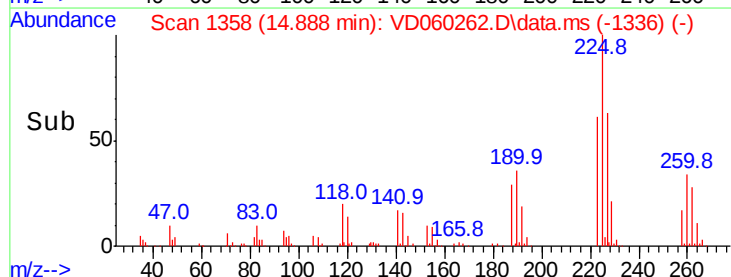
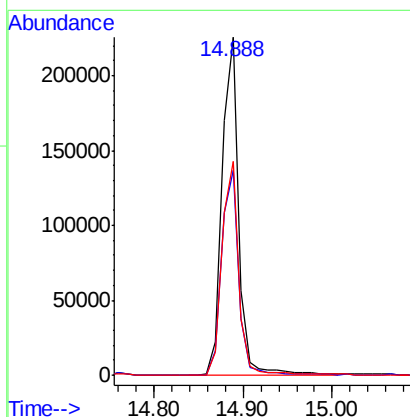
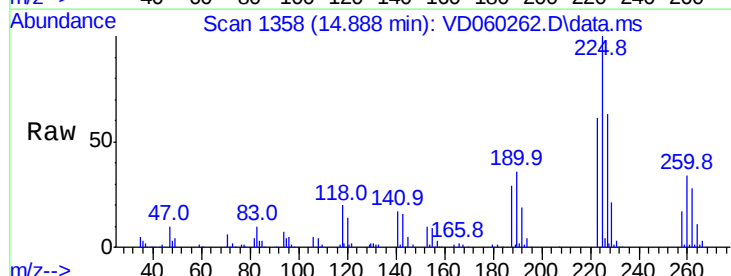
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBSD01

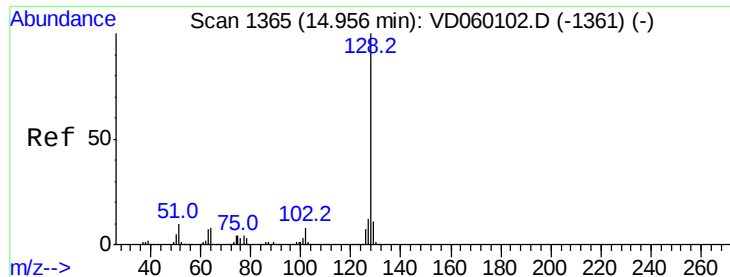
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.3	141.8
145	27.7	13.0	38.9



#94
 Hexachlorobutadiene
 Concen: 21.14 ug/l
 RT: 14.888 min Scan# 1358
 Delta R.T. 0.021 min
 Lab File: VD060262.D
 Acq: 1 Nov 2018 15:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.7	31.8	95.4
227	63.2	32.0	96.0





#95

Naphthalene

Concen: 21.55 ug/l

RT: 14.977 min Scan# 1365

Delta R.T. 0.021 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBS01

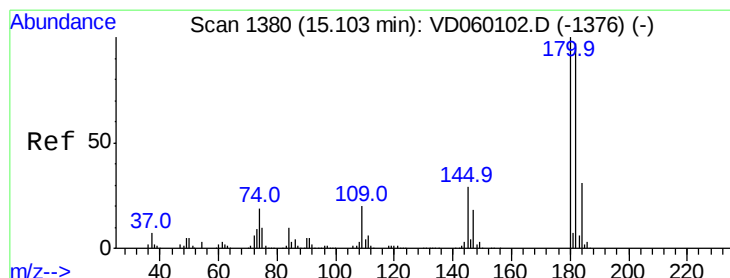
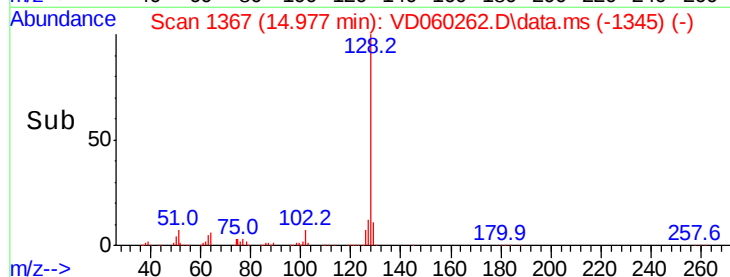
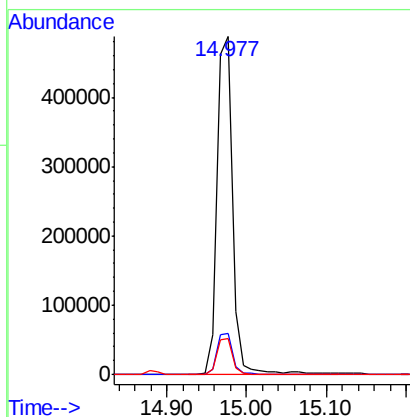
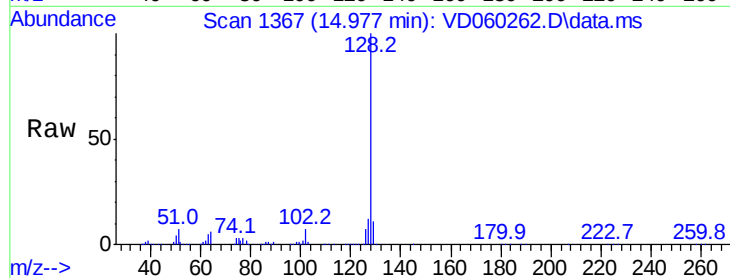
Tot Ion:128 Resp: 680822

Ion Ratio Lower Upper

128 100

127 12.0 9.9 14.9

129 10.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 21.31 ug/l

RT: 15.124 min Scan# 1382

Delta R.T. 0.021 min

Lab File: VD060262.D

Acq: 1 Nov 2018 15:10

Tgt Ion:180 Resp: 395113

Ion Ratio Lower Upper

180 100

182 98.5 48.4 145.0

145 24.6 14.5 43.6

