

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD110118\
 Data File : VD060261.D
 Acq On : 1 Nov 2018 14:41
 Operator : VA/AP
 Sample : VD1101SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBS01

Quant Time: Nov 01 17:40:50 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	6.413	168	1430265	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.446	114	1990934	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.294	117	1605430	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.380	152	876829	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.787	65	563264	51.95	ug/l	0.03
Spiked Amount 50.000			Recovery	=	103.90%	
35) Dibromofluoromethane	6.324	113	771962	51.06	ug/l	0.03
Spiked Amount 50.000			Recovery	=	102.12%	
50) Toluene-d8	9.464	98	2093750	48.57	ug/l	0.03
Spiked Amount 50.000			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	12.436	95	818028	50.68	ug/l	0.02
Spiked Amount 50.000			Recovery	=	101.36%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.581	85	258482	19.21	ug/l	98
3) Chloromethane	1.758	50	270993	22.34	ug/l	100
4) Vinyl Chloride	1.847	62	221654	22.33	ug/l	98
5) Bromomethane	2.132	94	19894	15.96	ug/l	91
6) Chloroethane	2.240	64	48887	18.04	ug/l	95
7) Trichlorofluoromethane	2.496	101	245039	20.61	ug/l	98
8) Diethyl Ether	2.821	74	57952	23.71	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.087	101	179846	24.28	ug/l	99
10) Methyl Iodide	3.244	142	147529	18.78	ug/l	94
11) Tert butyl alcohol	3.982	59	73236	94.19	ug/l	97
12) 1,1-Dichloroethene	3.067	96	142088	24.35	ug/l	89
13) Acrolein	2.978	56	31946	66.65	ug/l	97
14) Allyl chloride	3.530	41	283804	23.42	ug/l	99
15) Acrylonitrile	4.091	53	351410	109.19	ug/l	97
16) Acetone	3.156	43	281656	143.17	ug/l	99
17) Carbon Disulfide	3.313	76	411861	20.99	ug/l	99
18) Methyl Acetate	3.559	43	89998	21.28	ug/l	98
19) Methyl tert-butyl Ether	4.130	73	571185	22.27	ug/l	98
20) Methylene Chloride	3.717	84	350386	20.05	ug/l	99
21) trans-1,2-Dichloroethene	4.100	96	323545	21.47	ug/l	95
22) Diisopropyl ether	4.858	45	1219323	22.53	ug/l	96
23) Vinyl Acetate	4.809	43	3526837	115.94	ug/l	99
24) 1,1-Dichloroethane	4.760	63	547823	22.33	ug/l	100
25) 2-Butanone	5.626	43	625833	127.34	ug/l	97
26) 2,2-Dichloropropane	5.586	77	437301	23.51	ug/l	95
27) cis-1,2-Dichloroethene	5.596	96	345687	21.65	ug/l	95
28) Bromochloromethane	5.931	49	269486	22.60	ug/l	92
29) Tetrahydrofuran	5.960	42	309250	108.33	ug/l	99
30) Chloroform	6.108	83	569797	22.96	ug/l	100
31) Cyclohexane	6.374	56	500610	21.31	ug/l	99
32) 1,1,1-Trichloroethane	6.295	97	457264	22.49	ug/l	99
36) 1,1-Dichloropropene	6.531	75	423683	22.27	ug/l	97
37) Ethyl Acetate	5.704	43	263188	20.84	ug/l	100

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Quant Time: Nov 01 17:40:50 2018
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Carbon Tetrachloride	6.502	117	383527	22.21	ug/l	98
39) Methylcyclohexane	8.047	83	461355	21.34	ug/l	100
40) Benzene	6.797	78	1085537	21.81	ug/l	99
41) Methacrylonitrile	5.950	41	321299	45.01	ug/l #	93
42) 1,2-Dichloroethane	6.895	62	319540	22.39	ug/l	97
43) Isopropyl Acetate	8.361	43	348832	21.00	ug/l #	97
44) Trichloroethene	7.741	130	328061	21.29	ug/l	98
45) 1,2-Dichloropropane	8.106	63	256024	19.64	ug/l	100
46) Dibromomethane	8.224	93	180591	21.40	ug/l	95
47) Bromodichloromethane	8.499	83	406766	22.63	ug/l	98
48) Methyl methacrylate	8.253	41	203531	21.51	ug/l	98
49) 1,4-Dioxane	8.243	88	39091	419.83	ug/l #	87
51) 4-Methyl-2-Pentanone	9.346	43	1157402	110.45	ug/l	97
52) Toluene	9.552	92	691931	21.59	ug/l	99
53) t-1,3-Dichloropropene	9.926	75	357634	21.99	ug/l	97
54) cis-1,3-Dichloropropene	9.109	75	438475	21.83	ug/l	98
55) 1,1,2-Trichloroethane	10.192	97	226445	21.61	ug/l	95
56) Ethyl methacrylate	10.044	69	245556	21.23	ug/l	98
57) 1,3-Dichloropropane	10.389	76	351217	21.98	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.932	63	729996	113.64	ug/l	96
59) 2-Hexanone	10.497	43	926779	123.00	ug/l	98
60) Dibromochloromethane	10.645	129	281523	21.90	ug/l	95
61) 1,2-Dibromoethane	10.763	107	233108	20.94	ug/l	99
64) Tetrachloroethene	10.261	164	300534	21.37	ug/l	99
65) Chlorobenzene	11.324	112	757367	21.81	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.422	131	271452	23.43	ug/l	99
67) Ethyl Benzene	11.432	91	1342207	23.85	ug/l	97
68) m/p-Xylenes	11.570	106	1001377	47.63	ug/l	96
69) o-Xylene	11.944	106	462205	22.23	ug/l	92
70) Styrene	11.963	104	778804	22.39	ug/l	99
71) Bromoform	12.121	173	193807	20.66	ug/l	98
73) Isopropylbenzene	12.278	105	1301647	22.50	ug/l	97
74) N-amyl acetate	12.140	43	454791	21.46	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.563	83	272641	21.59	ug/l	92
76) 1,2,3-Trichloropropane	12.603	75	268171	21.24	ug/l	100
77) Bromobenzene	12.544	156	367937	21.89	ug/l	97
78) n-propylbenzene	12.642	91	1632845	22.73	ug/l	100
79) 2-Chlorotoluene	12.711	91	898892	22.55	ug/l	100
80) 1,3,5-Trimethylbenzene	12.800	105	1040430	23.24	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.347	75	72601	20.46	ug/l	92
82) 4-Chlorotoluene	12.819	91	1050349	23.29	ug/l	98
83) tert-Butylbenzene	13.056	119	1145886	22.30	ug/l	97
84) 1,2,4-Trimethylbenzene	13.095	105	1063833	22.55	ug/l	95
85) sec-Butylbenzene	13.223	105	1363664	22.45	ug/l	96
86) p-Isopropyltoluene	13.351	119	1107721	22.23	ug/l	98
87) 1,3-Dichlorobenzene	13.321	146	643391	21.97	ug/l	98
88) 1,4-Dichlorobenzene	13.400	146	611245	20.78	ug/l	97
89) n-Butylbenzene	13.656	91	1189805	24.47	ug/l	98
90) Hexachloroethane	13.862	117	258823	22.45	ug/l	91
91) 1,2-Dichlorobenzene	13.666	146	566649	23.01	ug/l	96

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

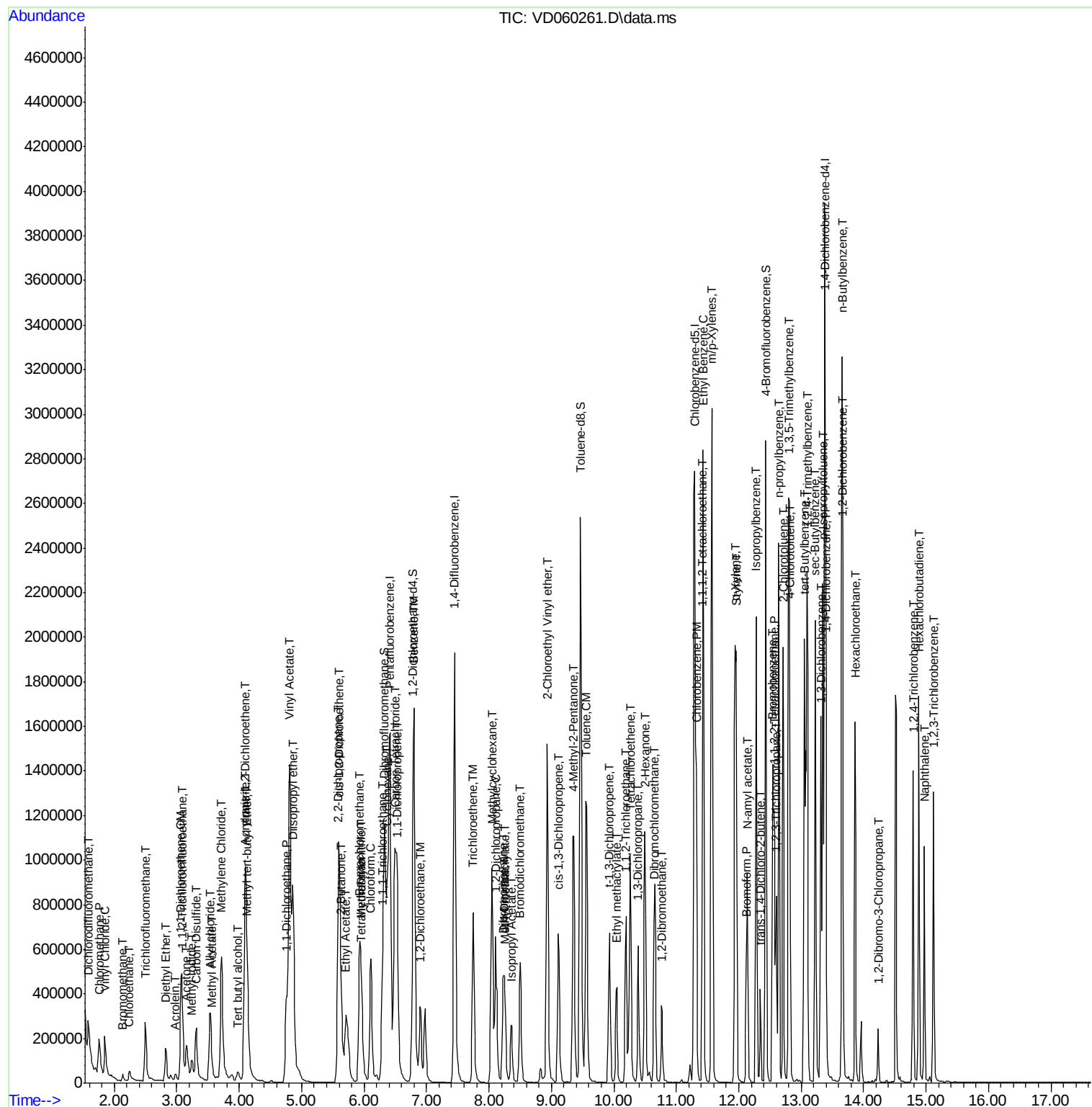
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.236	75	35967	21.33	ug/l	98
93) 1,2,4-Trichlorobenzene	14.797	180	438835	21.00	ug/l	97
94) Hexachlorobutadiene	14.886	225	300093	21.60	ug/l	98
95) Naphthalene	14.974	128	631340	20.38	ug/l	99
96) 1,2,3-Trichlorobenzene	15.122	180	373601	20.55	ug/l	97

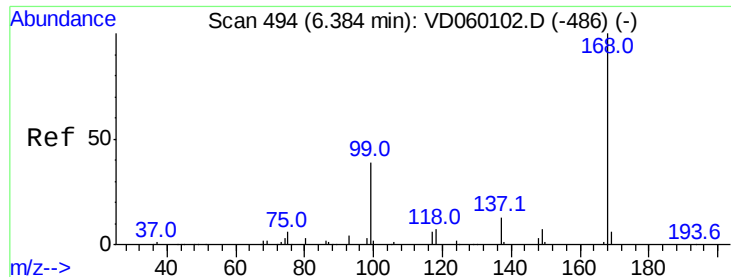
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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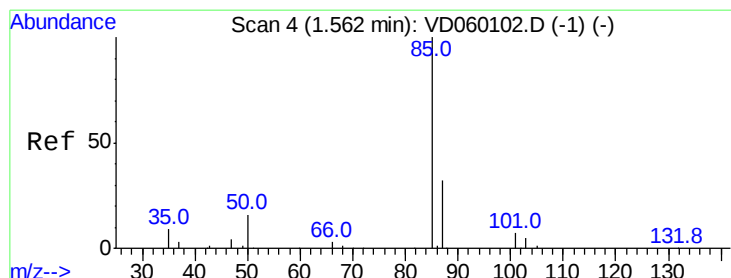
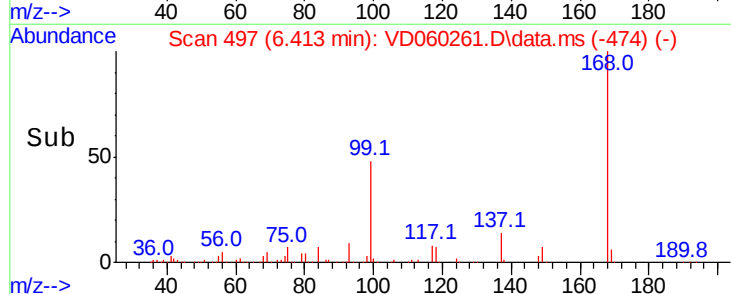
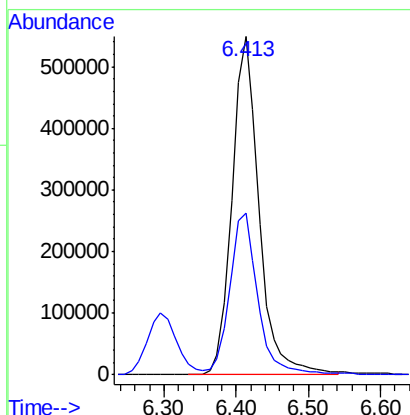
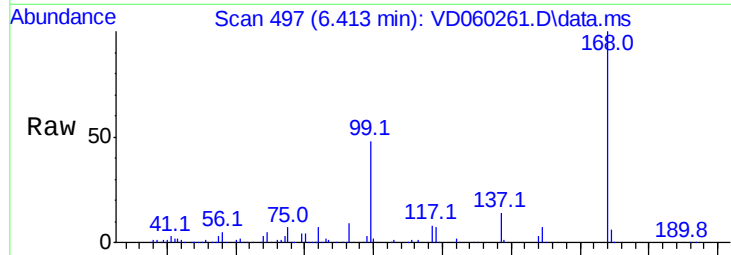




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 6.413 min Scan# 49
Delta R.T. 0.029 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

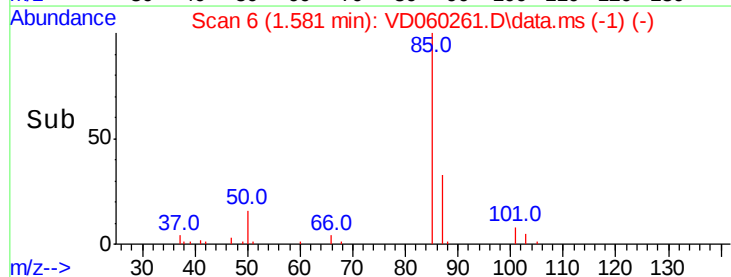
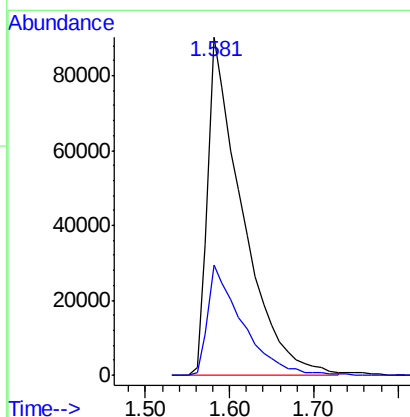
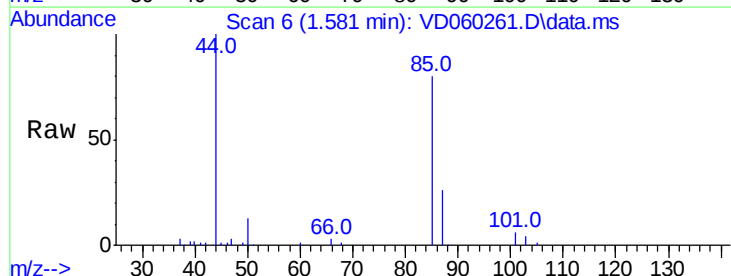
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBS01

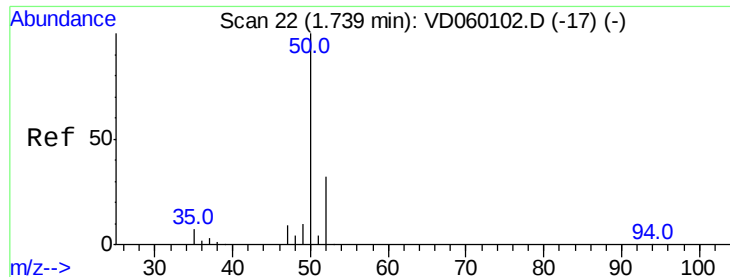
Tot Ion:168 Resp: 1430265
Ion Ratio Lower Upper
168 100
99 47.8 35.4 53.0



#2
Dichlorodifluoromethane
Concen: 19.21 ug/l
RT: 1.581 min Scan# 6
Delta R.T. 0.019 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

Tgt Ion: 85 Resp: 258482
Ion Ratio Lower Upper
85 100
87 32.7 15.9 47.6





#3

Chloromethane

Concen: 22.34 ug/l

RT: 1.758 min Scan# 24

Delta R.T. 0.019 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

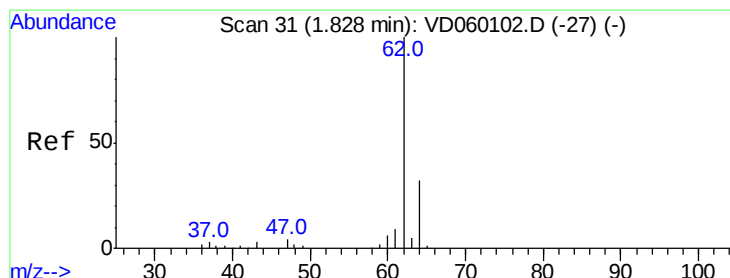
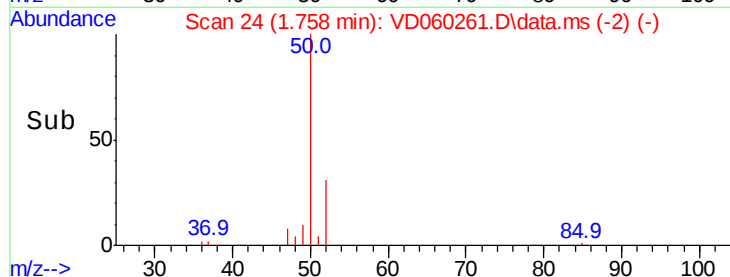
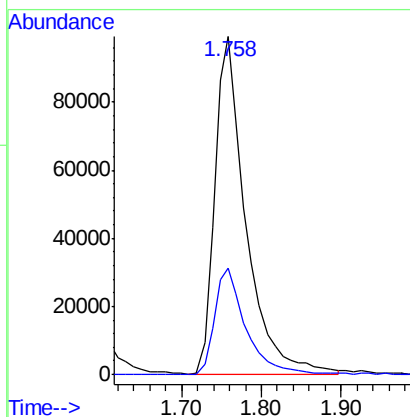
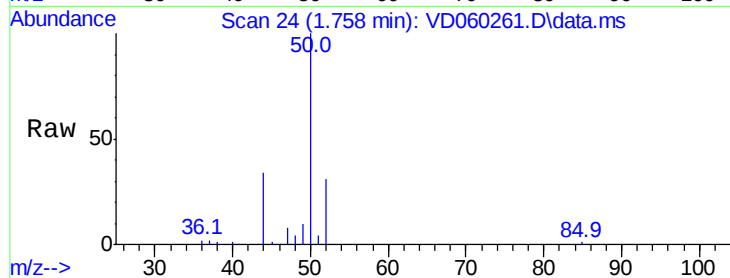
VD1101SBS01

Tot Ion: 50 Resp: 270993

Ion Ratio Lower Upper

50 100

52 31.3 25.3 37.9



#4

Vinyl Chloride

Concen: 22.33 ug/l

RT: 1.847 min Scan# 33

Delta R.T. 0.019 min

Lab File: VD060261.D

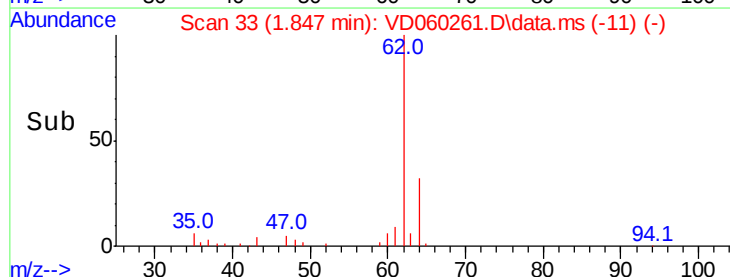
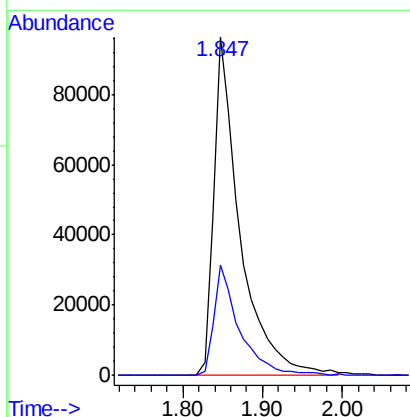
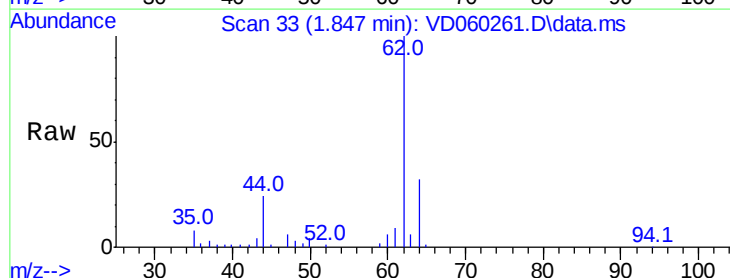
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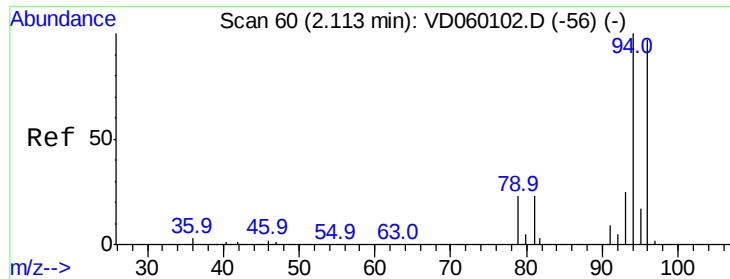
Tgt Ion: 62 Resp: 221654

Ion Ratio Lower Upper

62 100

64 32.5 25.2 37.8





#5

Bromomethane

Concen: 15.96 ug/l

RT: 2.132 min Scan# 62

Delta R.T. 0.019 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

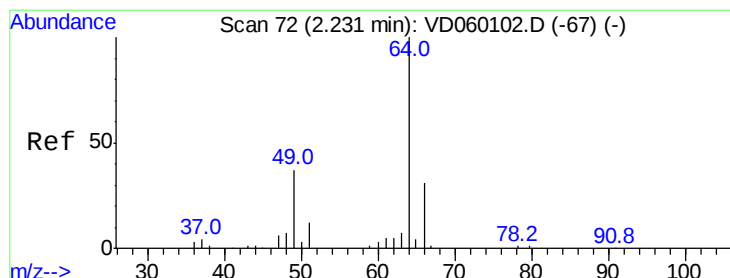
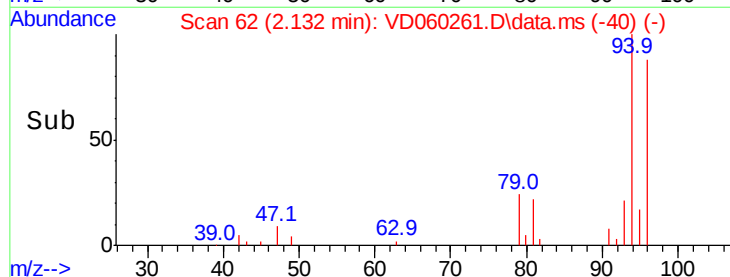
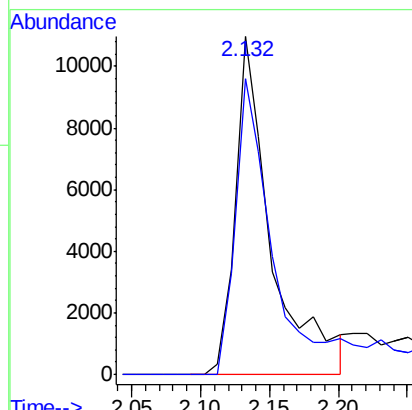
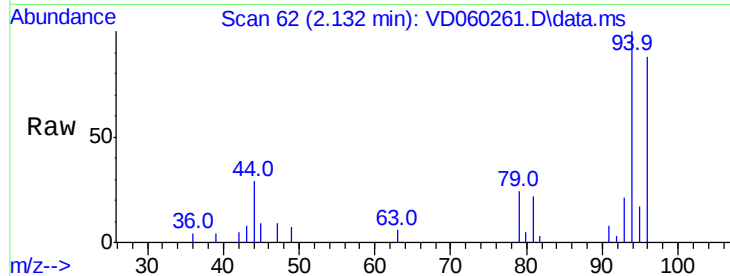
VD1101SBS01

Tot Ion: 94 Resp: 19894

Ion Ratio Lower Upper

94 100

96 87.5 77.4 116.2



#6

Chloroethane

Concen: 18.04 ug/l

RT: 2.240 min Scan# 73

Delta R.T. 0.009 min

Lab File: VD060261.D

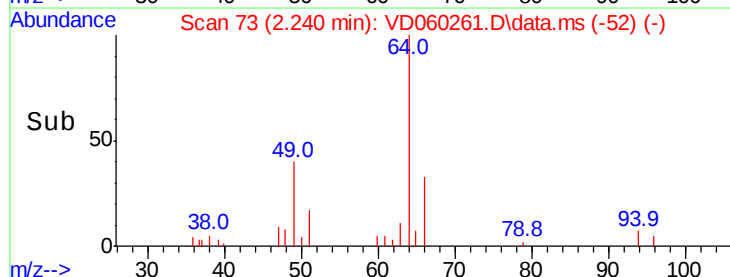
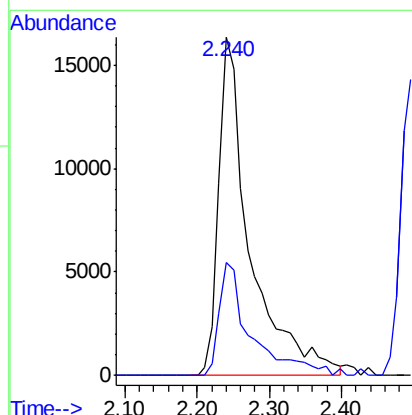
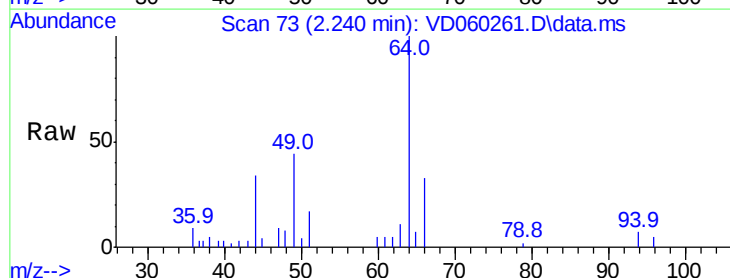
Acq: 1 Nov 2018 14:41

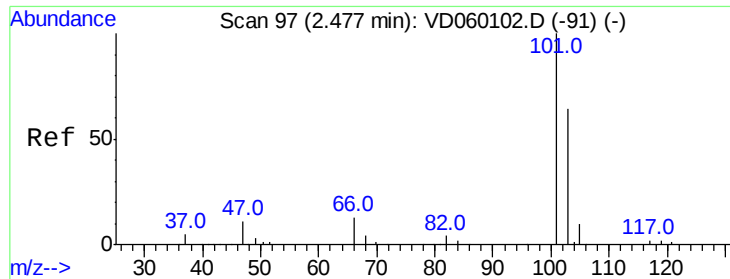
Tgt Ion: 64 Resp: 48887

Ion Ratio Lower Upper

64 100

66 33.4 24.6 37.0





#7

Trichlorofluoromethane

Concen: 20.61 ug/l

RT: 2.496 min Scan# 99

Delta R.T. 0.019 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

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ClientSampleId :

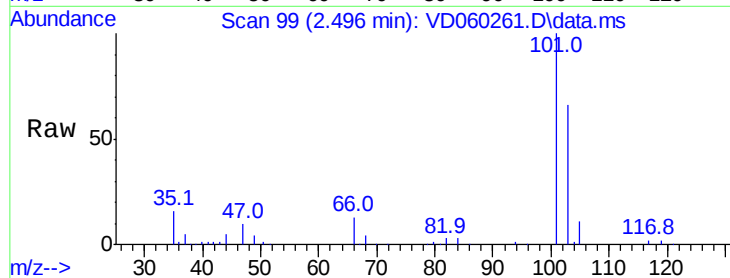
VD1101SBS01

Tot Ion:101 Resp: 245039

Ion Ratio Lower Upper

101 100

103 65.8 51.5 77.3



Abundance

2.496

100000

80000

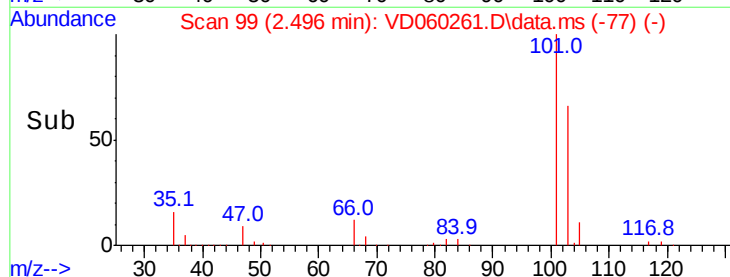
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40000

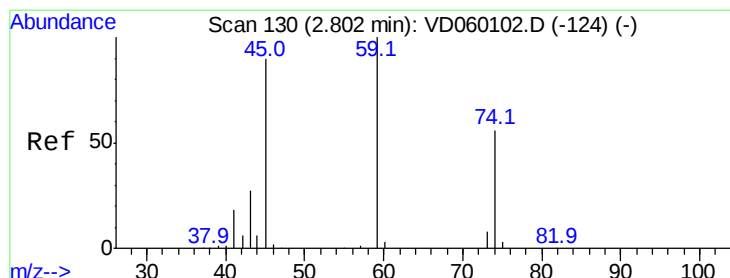
20000

0

Time-->



Time-->



#8

Diethyl Ether

Concen: 23.71 ug/l

RT: 2.821 min Scan# 132

Delta R.T. 0.019 min

Lab File: VD060261.D

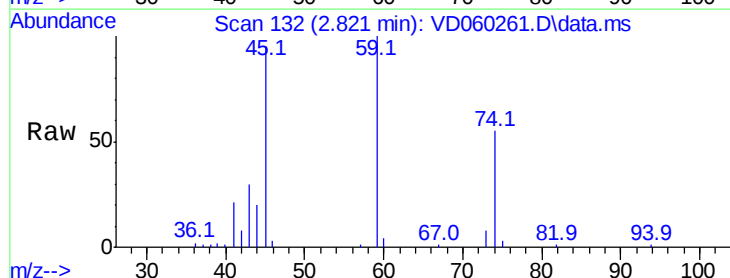
Acq: 1 Nov 2018 14:41

Tgt Ion: 74 Resp: 57952

Ion Ratio Lower Upper

74 100

45 174.0 80.3 241.0



Abundance

2.821

40000

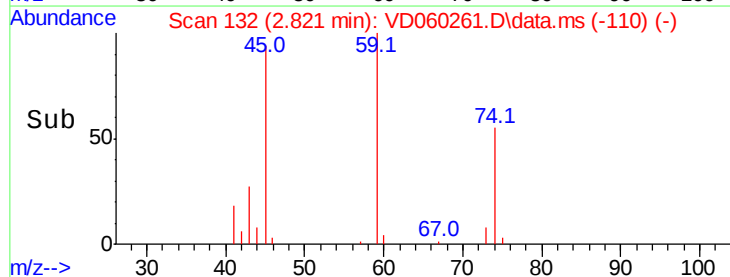
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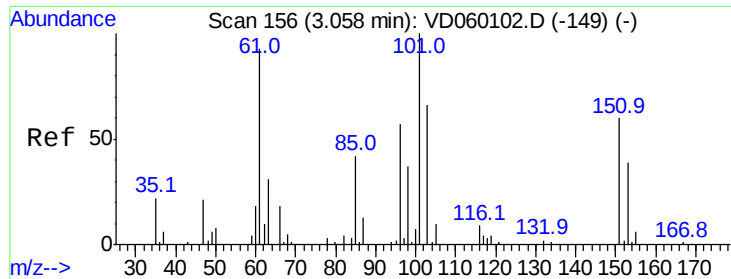
20000

10000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.28 ug/l

RT: 3.087 min Scan# 15

Delta R.T. 0.029 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBS01

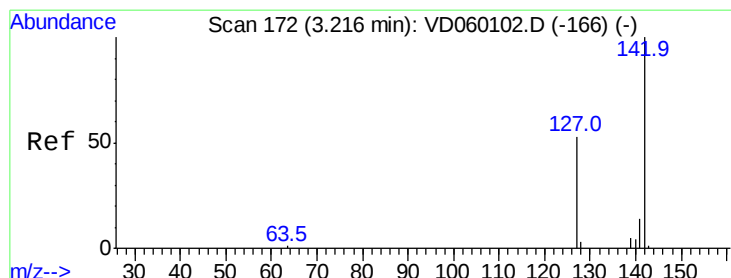
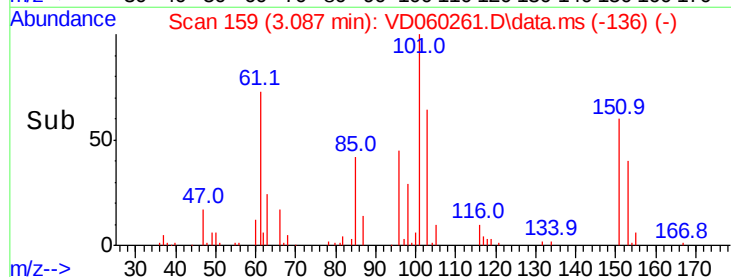
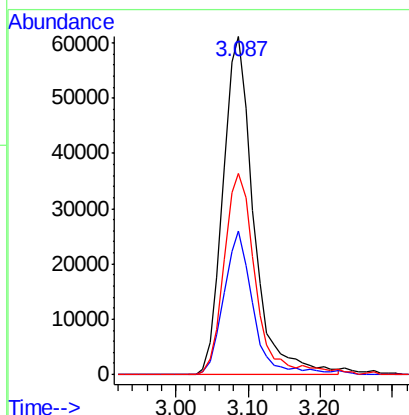
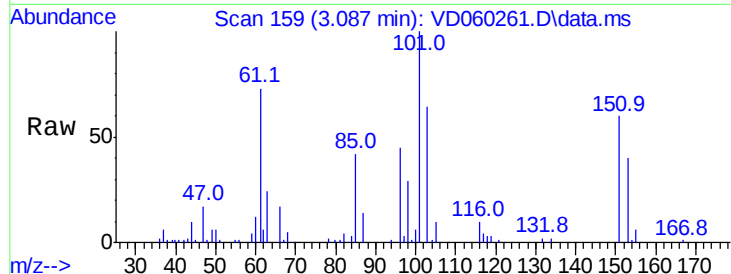
Tot Ion:101 Resp: 179846

Ion Ratio Lower Upper

101 100

85 42.4 33.4 50.0

151 59.7 48.0 72.0



#10

Methyl Iodide

Concen: 18.78 ug/l

RT: 3.244 min Scan# 175

Delta R.T. 0.029 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

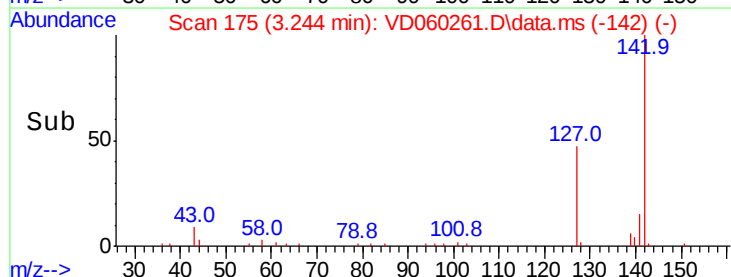
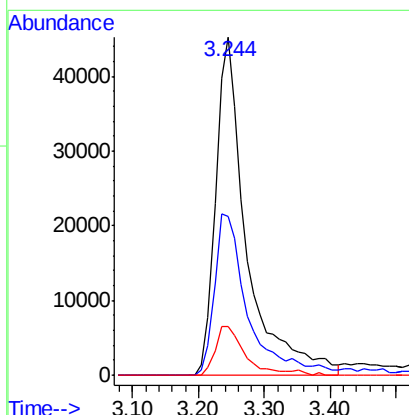
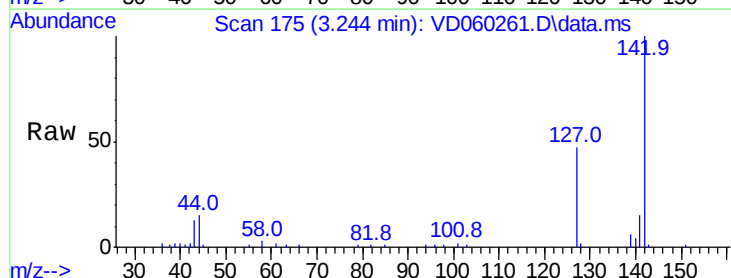
Tgt Ion:142 Resp: 147529

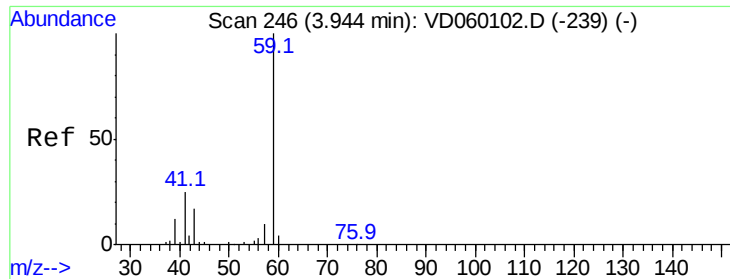
Ion Ratio Lower Upper

142 100

127 47.1 42.0 63.0

141 14.5 11.4 17.0





#11

Tert butyl alcohol

Concen: 94.19 ug/l

RT: 3.982 min Scan# 25

Delta R.T. 0.038 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

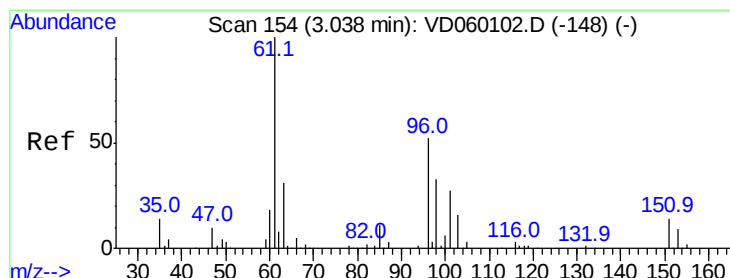
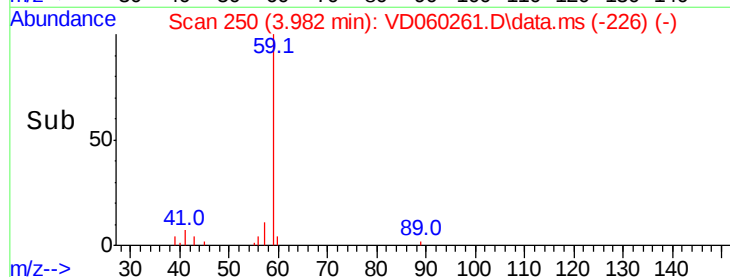
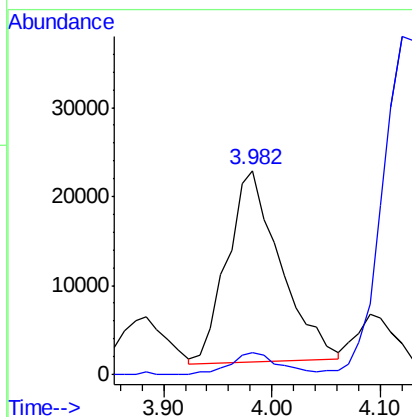
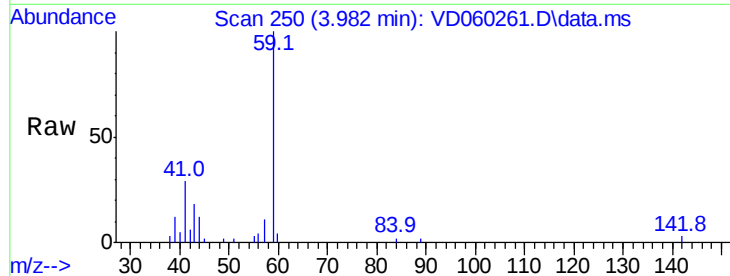
VD1101SBS01

Tot Ion: 59 Resp: 73236

Ion Ratio Lower Upper

59 100

57 10.7 7.8 11.6



#12

1,1-Dichloroethene

Concen: 24.35 ug/l

RT: 3.067 min Scan# 157

Delta R.T. 0.029 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

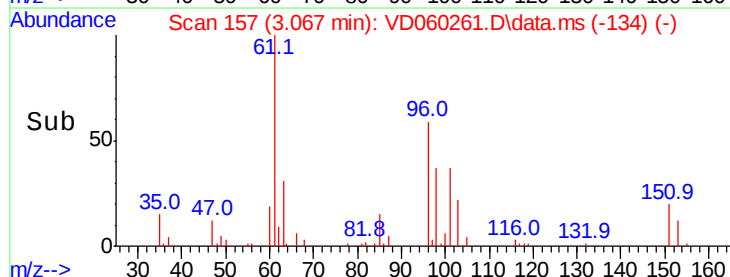
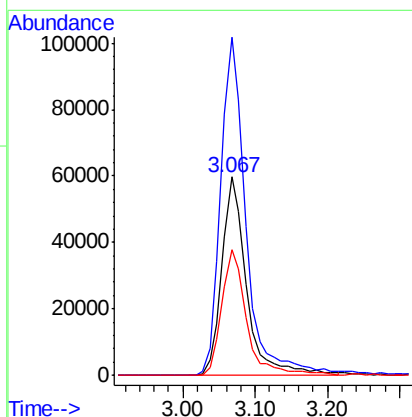
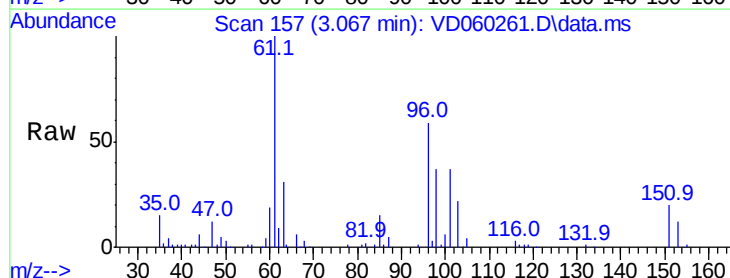
Tgt Ion: 96 Resp: 142088

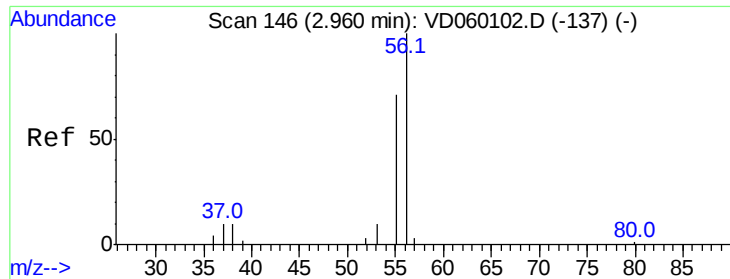
Ion Ratio Lower Upper

96 100

61 170.8 153.0 229.4

98 63.3 51.1 76.7





#13

Acrolein

Concen: 66.65 ug/l

RT: 2.978 min Scan# 14

Delta R.T. 0.019 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

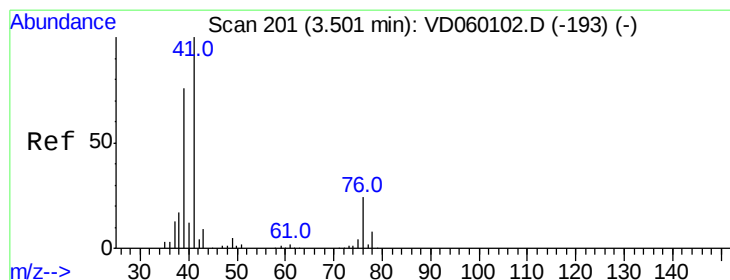
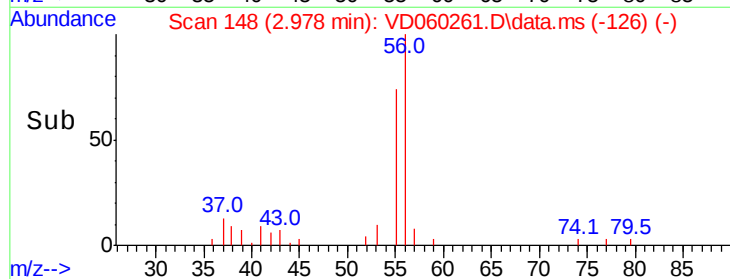
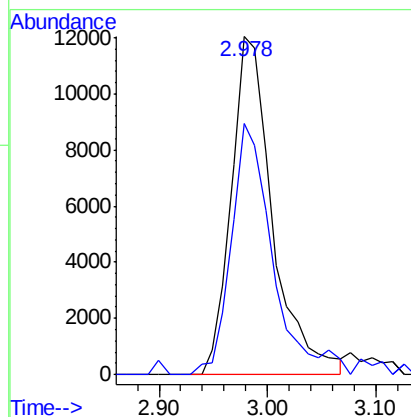
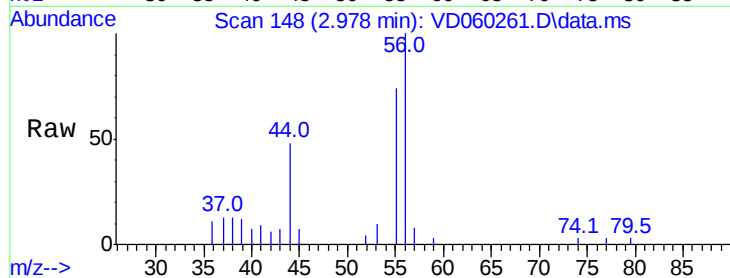
VD1101SBS01

Tot Ion: 56 Resp: 31946

Ion Ratio Lower Upper

56 100

55 74.4 57.4 86.2



#14

Allyl chloride

Concen: 23.42 ug/l

RT: 3.530 min Scan# 204

Delta R.T. 0.029 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

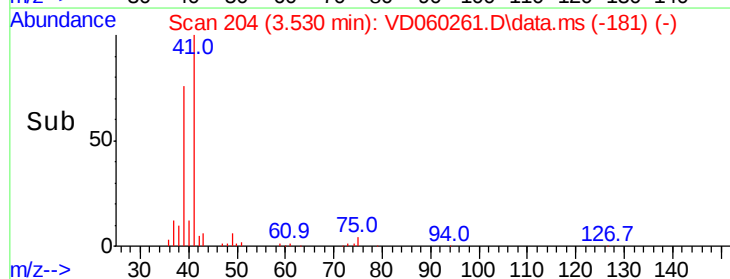
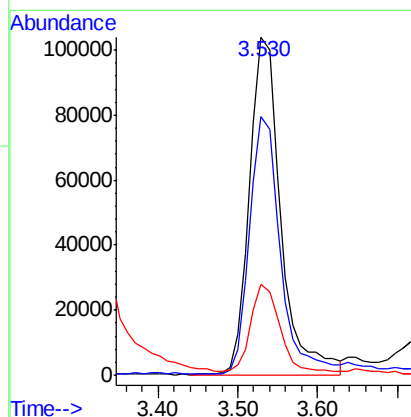
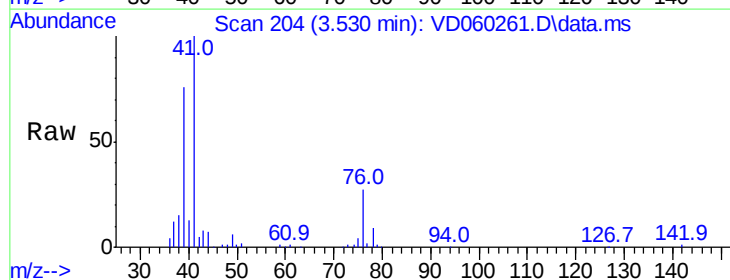
Tgt Ion: 41 Resp: 283804

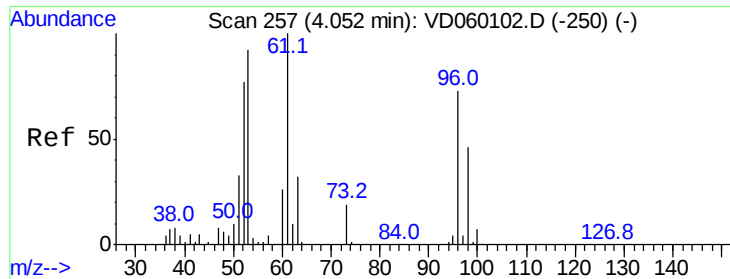
Ion Ratio Lower Upper

41 100

39 76.4 60.6 90.8

76 26.8 21.3 31.9





#15

Acrylonitrile

Concen: 109.19 ug/l

RT: 4.091 min Scan# 261

Delta R.T. 0.038 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBS01

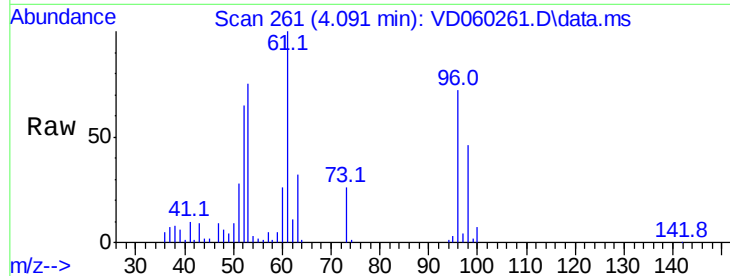
Tot Ion: 53 Resp: 351410

Ion Ratio Lower Upper

53 100

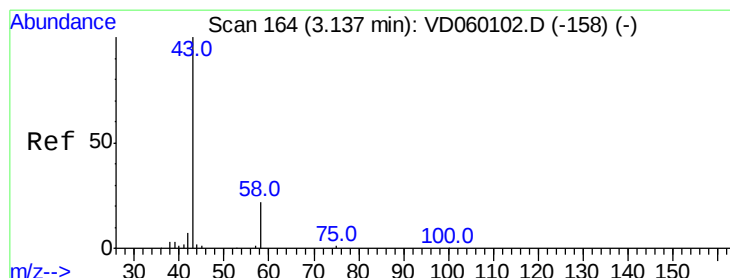
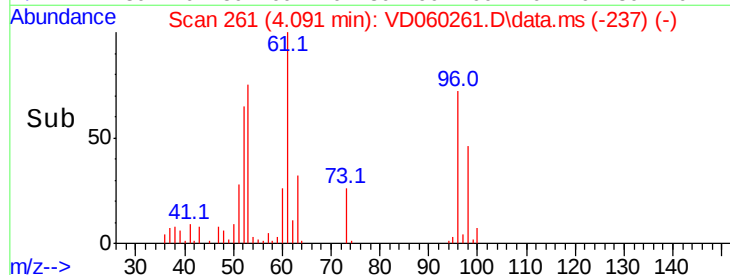
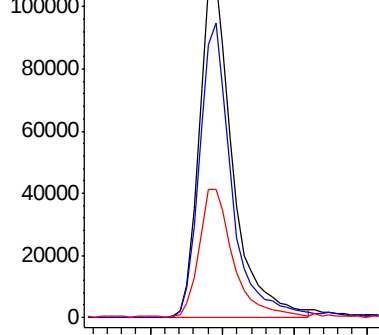
52 87.2 67.5 101.3

51 38.1 29.3 43.9



Abundance

4.091



#16

Acetone

Concen: 143.17 ug/l

RT: 3.156 min Scan# 166

Delta R.T. 0.019 min

Lab File: VD060261.D

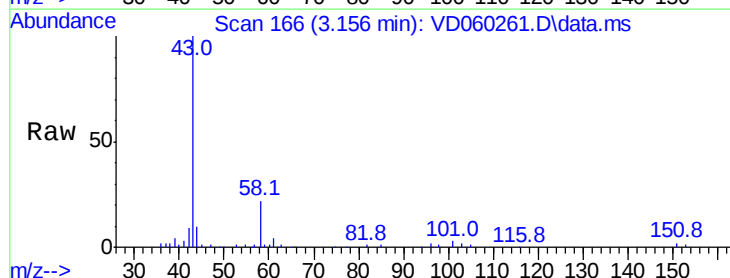
Acq: 1 Nov 2018 14:41

Tgt Ion: 43 Resp: 281656

Ion Ratio Lower Upper

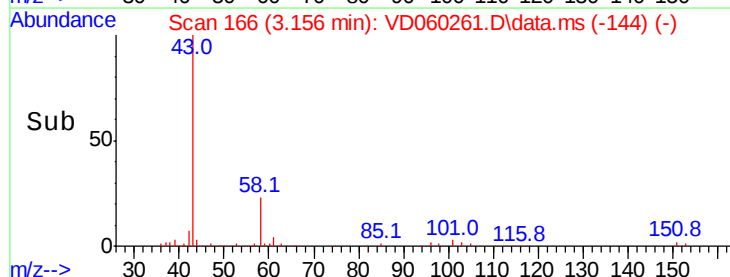
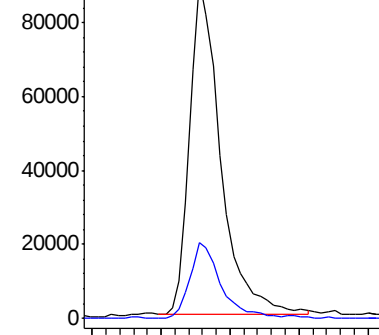
43 100

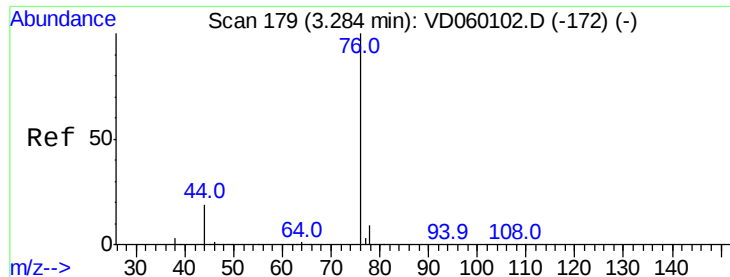
58 22.4 17.7 26.5



Abundance

3.156





#17

Carbon Disulfide

Concen: 20.99 ug/l

RT: 3.313 min Scan# 18

Delta R.T. 0.029 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

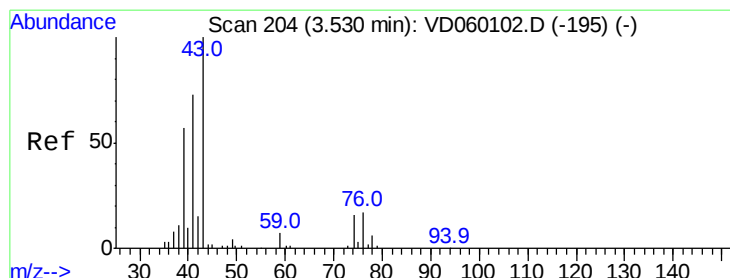
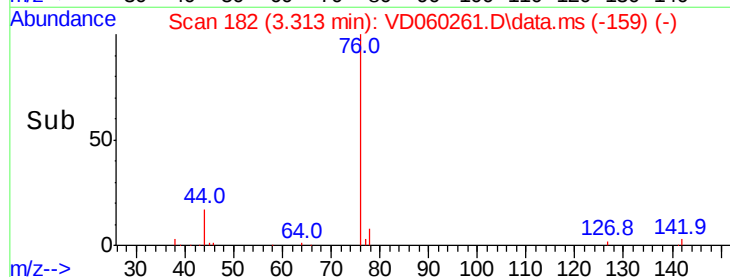
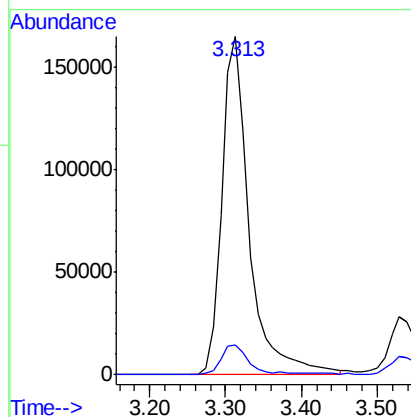
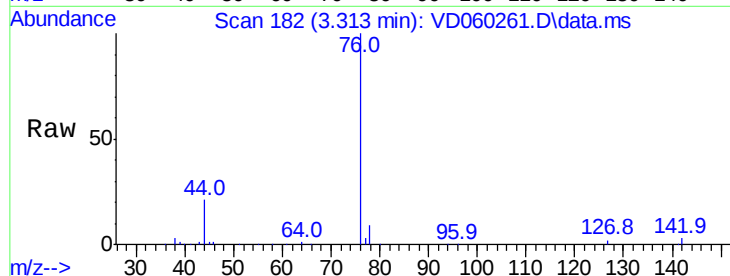
VD1101SBS01

Tot Ion: 76 Resp: 411861

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2



#18

Methyl Acetate

Concen: 21.28 ug/l

RT: 3.559 min Scan# 207

Delta R.T. 0.029 min

Lab File: VD060261.D

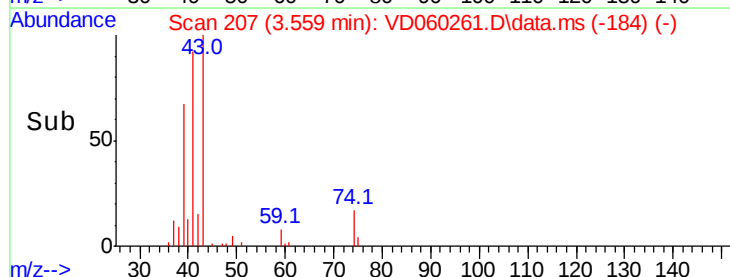
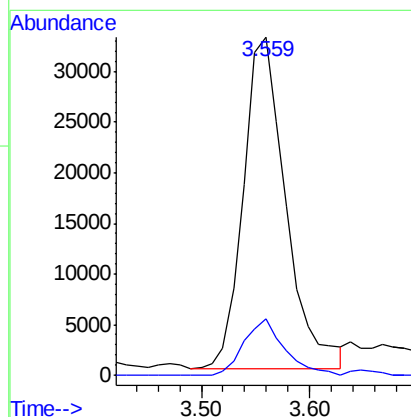
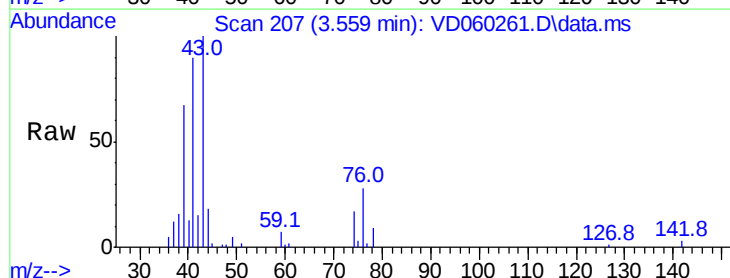
Acq: 1 Nov 2018 14:41

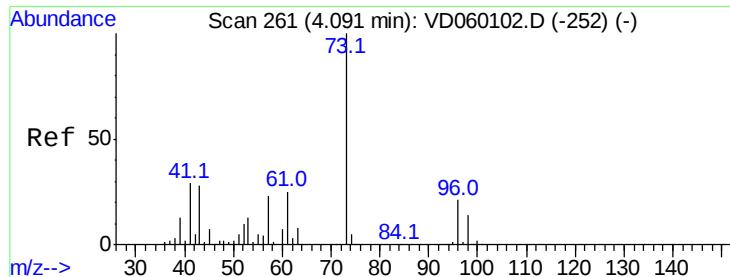
Tgt Ion: 43 Resp: 89998

Ion Ratio Lower Upper

43 100

74 16.6 12.6 19.0

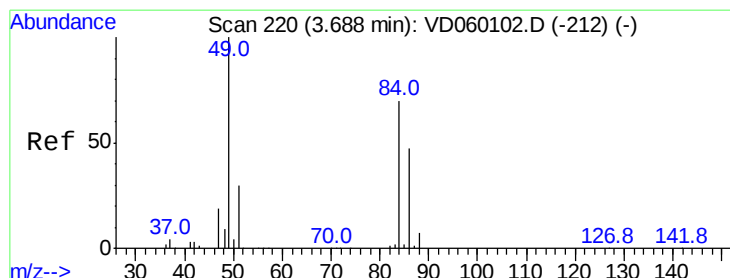
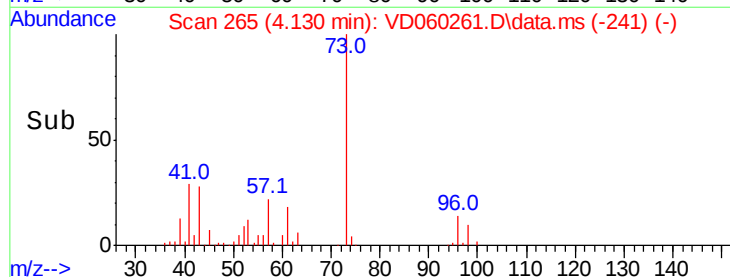
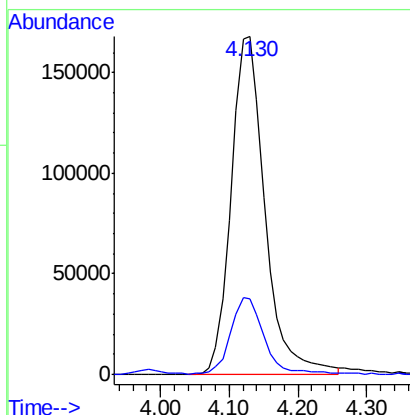
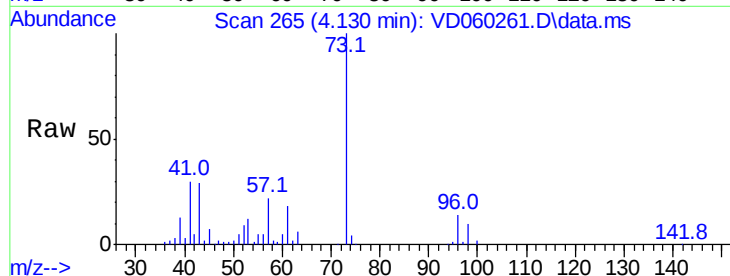




#19
Methyl tert-butyl Ether
Concen: 22.27 ug/l
RT: 4.130 min Scan# 261
Delta R.T. 0.038 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

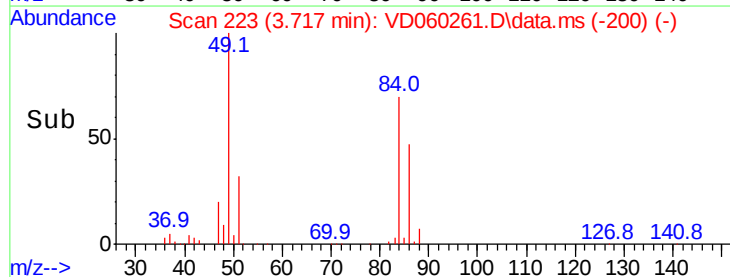
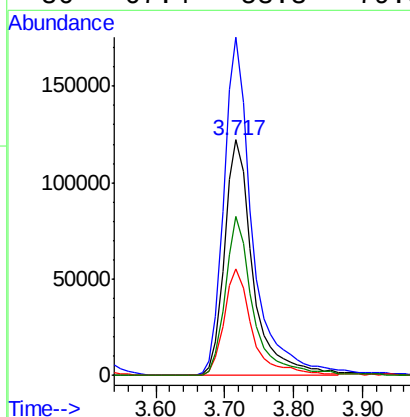
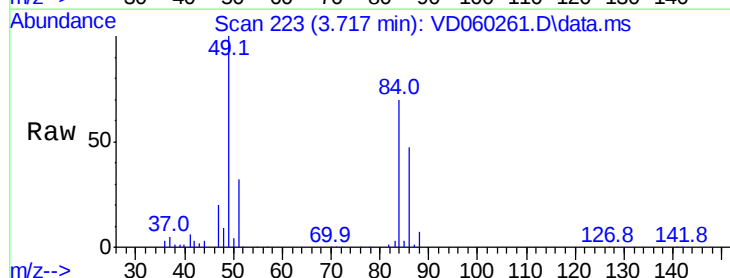
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBS01

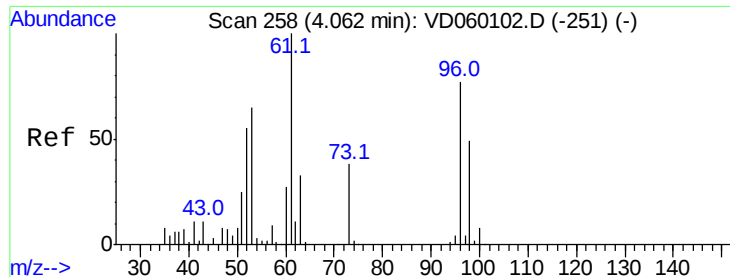
Tot Ion: 73 Resp: 571185
Ion Ratio Lower Upper
73 100
57 22.4 18.7 28.1



#20
Methylene Chloride
Concen: 20.05 ug/l
RT: 3.717 min Scan# 223
Delta R.T. 0.030 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

Tgt Ion: 84 Resp: 350386
Ion Ratio Lower Upper
84 100
49 143.8 114.6 172.0
51 45.5 33.8 50.8
86 67.4 53.3 79.9

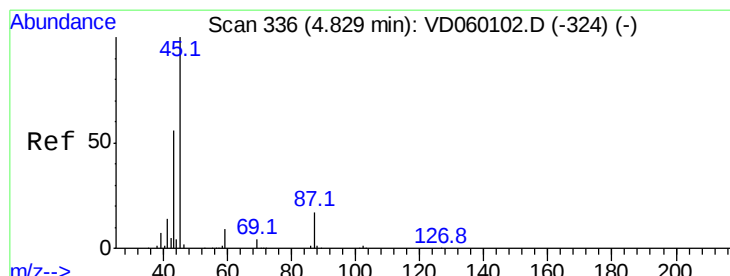
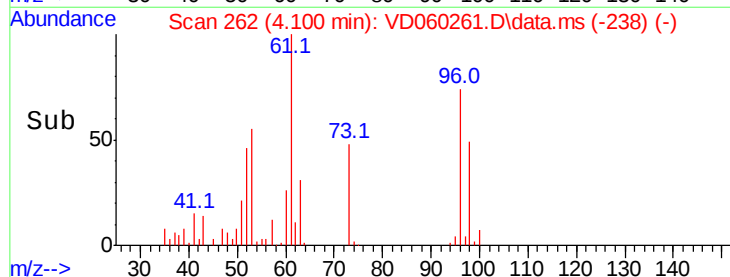
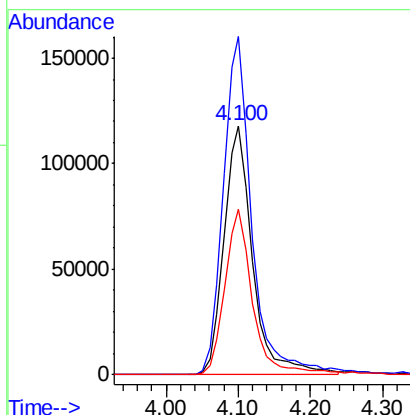
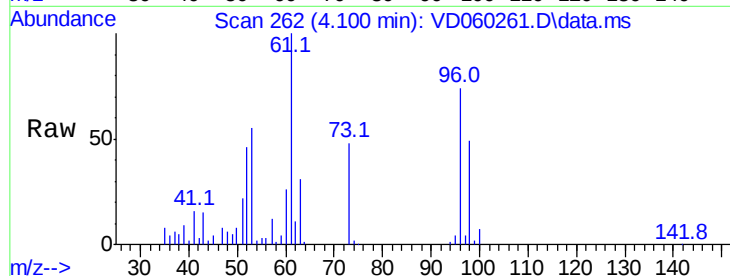




#21
trans-1,2-Dichloroethene
Concen: 21.47 ug/l
RT: 4.100 min Scan# 261
Delta R.T. 0.038 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

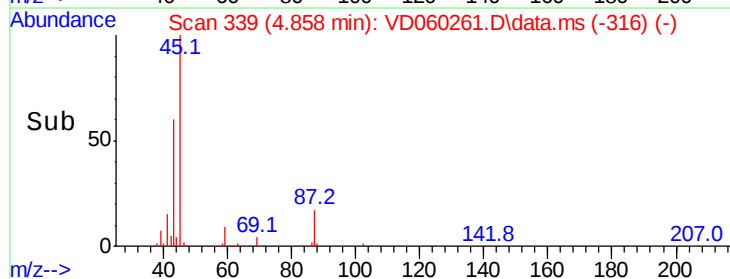
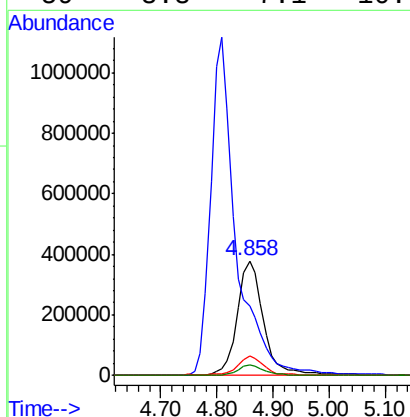
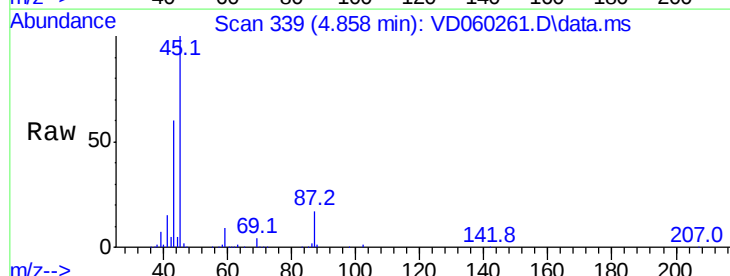
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBS01

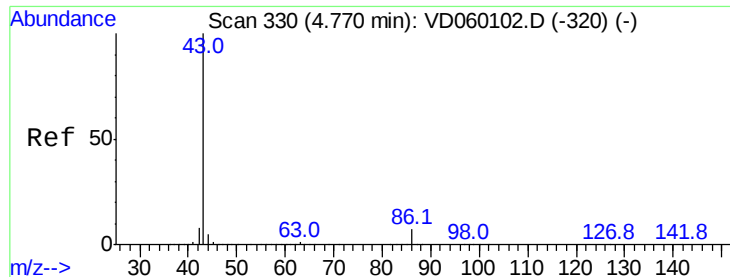
Tot Ion: 96 Resp: 323545
Ion Ratio Lower Upper
96 100
61 135.8 103.3 154.9
98 66.6 50.4 75.6



#22
Diisopropyl ether
Concen: 22.53 ug/l
RT: 4.858 min Scan# 339
Delta R.T. 0.029 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

Tgt Ion: 45 Resp: 1219323
Ion Ratio Lower Upper
45 100
43 60.4 44.8 67.2
87 17.2 13.9 20.9
59 8.8 7.1 10.7





#23

Vinyl Acetate

Concen: 115.94 ug/l

RT: 4.809 min Scan# 33

Delta R.T. 0.038 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

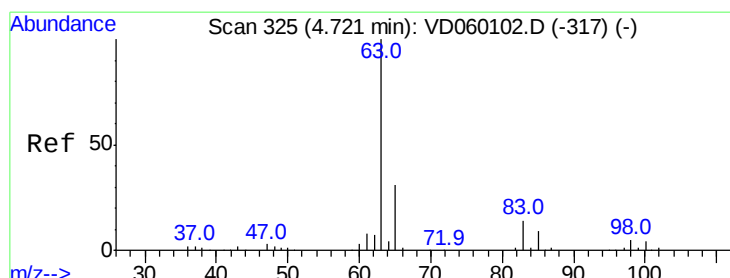
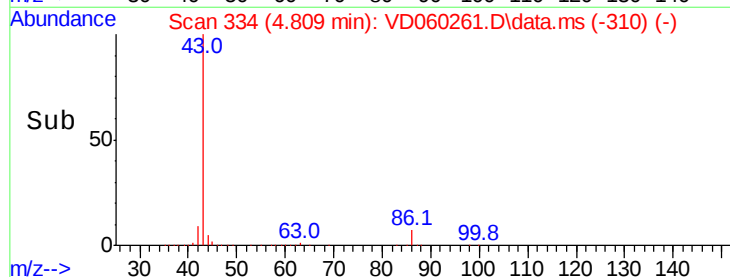
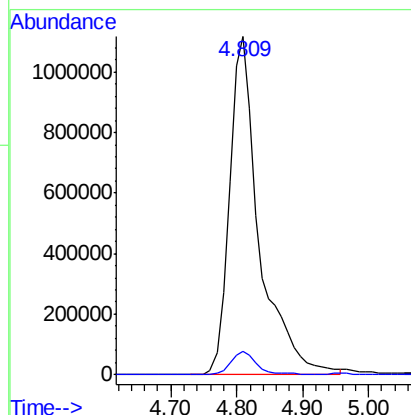
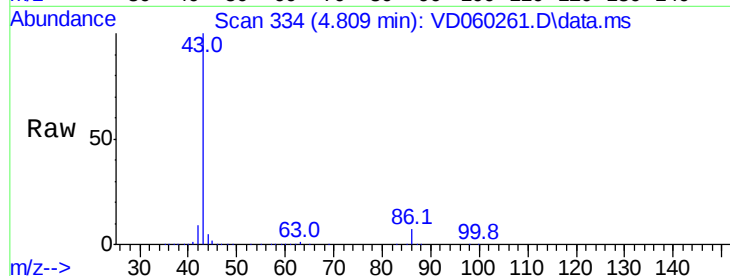
VD1101SBS01

Tot Ion: 43 Resp: 3526837

Ion Ratio Lower Upper

43 100

86 6.7 5.6 8.4



#24

1,1-Dichloroethane

Concen: 22.33 ug/l

RT: 4.760 min Scan# 329

Delta R.T. 0.038 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

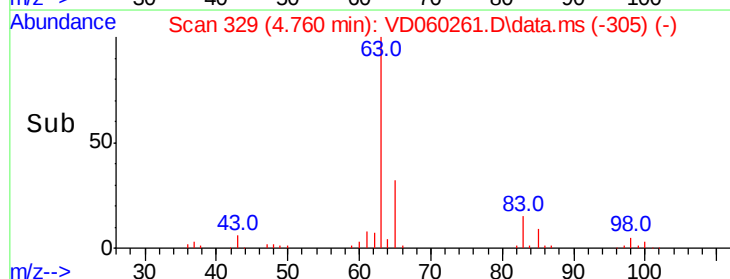
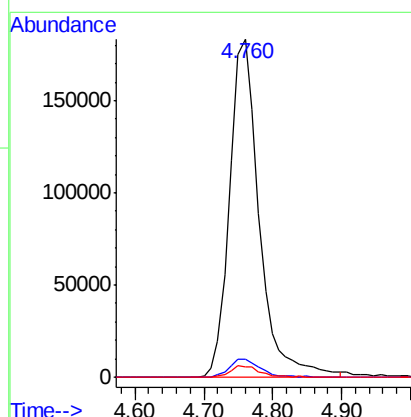
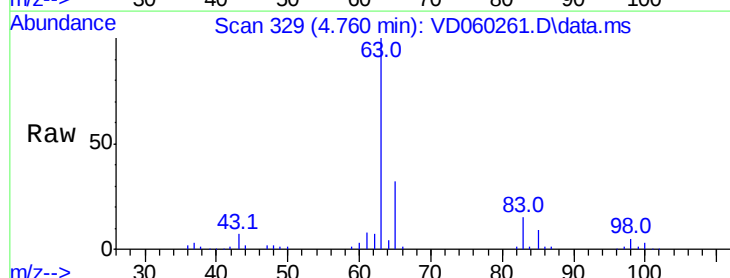
Tgt Ion: 63 Resp: 547823

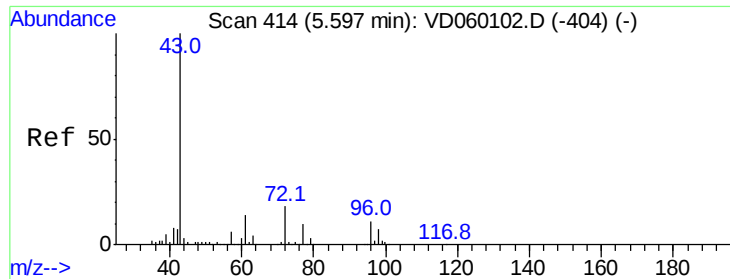
Ion Ratio Lower Upper

63 100

98 5.4 2.8 8.3

100 3.2 1.8 5.3

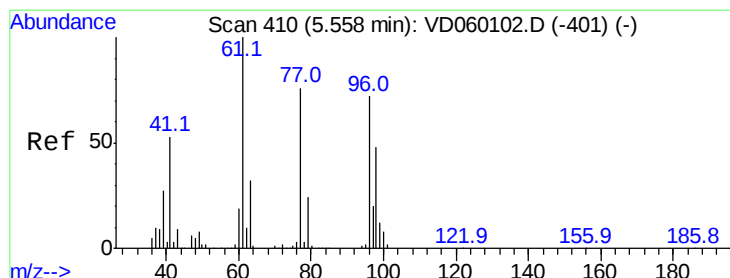
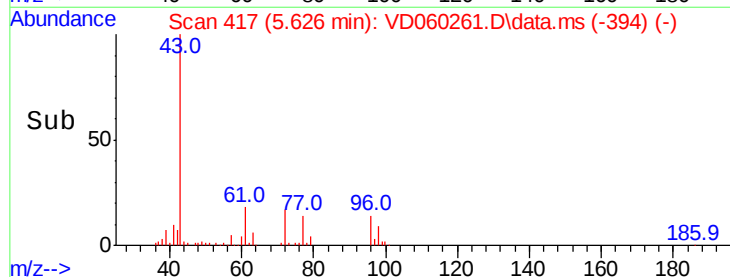
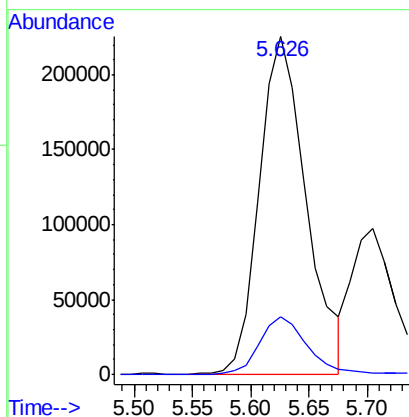
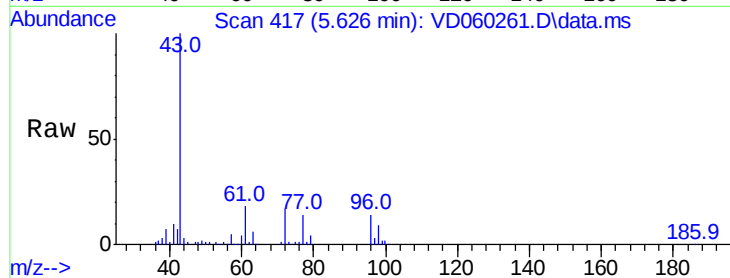




#25
2-Butanone
Concen: 127.34 ug/l
RT: 5.626 min Scan# 41
Delta R.T. 0.029 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

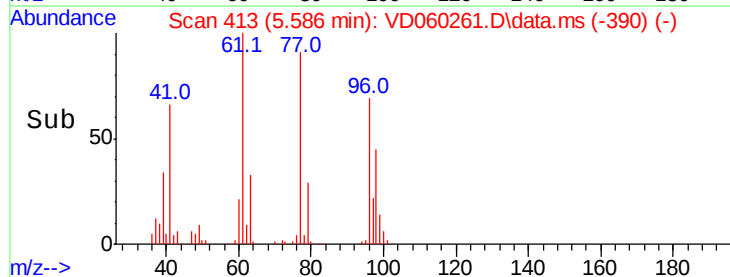
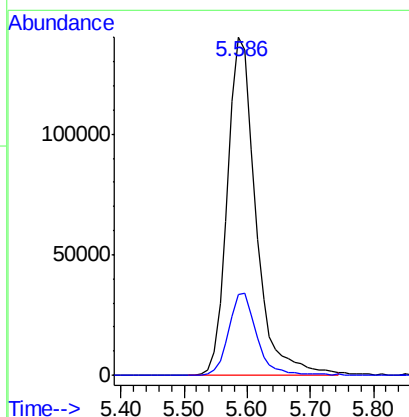
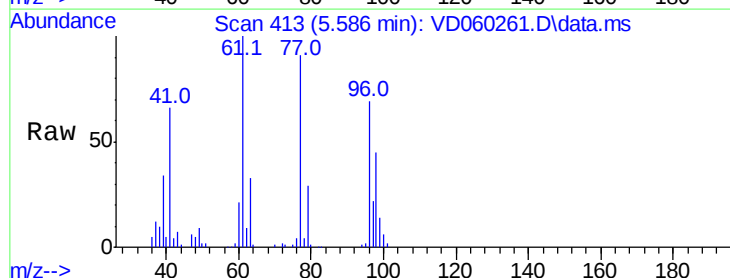
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBS01

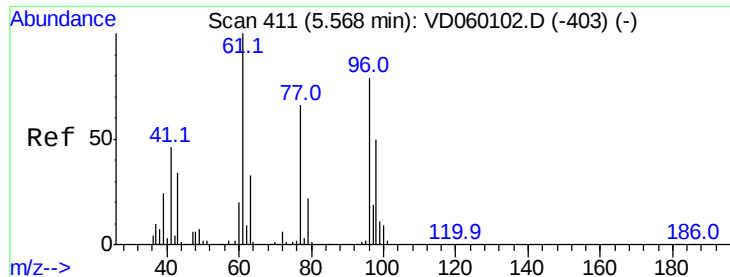
Tot Ion: 43 Resp: 625833
Ion Ratio Lower Upper
43 100
72 16.9 14.5 21.7



#26
2,2-Dichloropropane
Concen: 23.51 ug/l
RT: 5.586 min Scan# 413
Delta R.T. 0.029 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

Tgt Ion: 77 Resp: 437301
Ion Ratio Lower Upper
77 100
97 24.0 13.3 39.9





#27

cis-1,2-Dichloroethene

Concen: 21.65 ug/l

RT: 5.596 min Scan# 411

Delta R.T. 0.029 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBS01

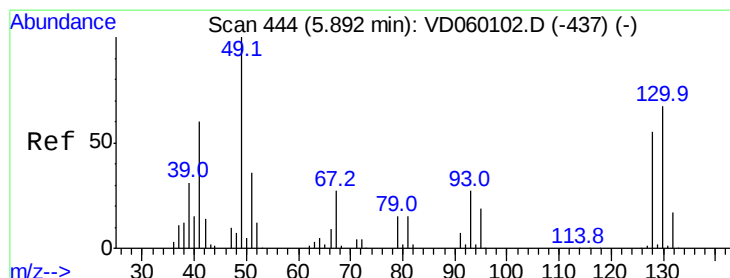
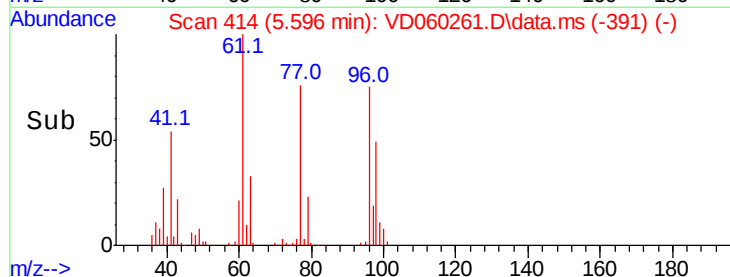
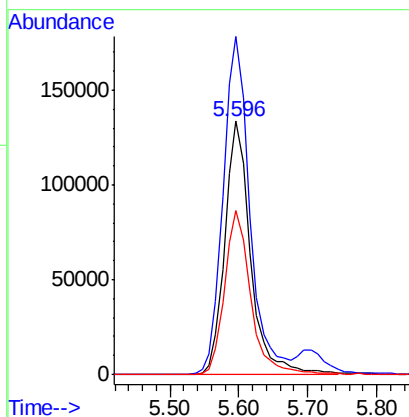
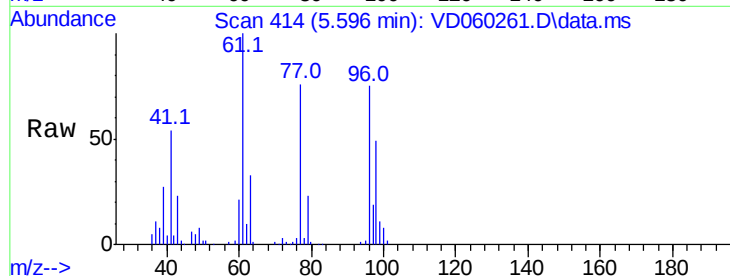
Tot Ion: 96 Resp: 345687

Ion Ratio Lower Upper

96 100

61 133.4 0.0 251.8

98 64.9 0.0 125.2



#28

Bromochloromethane

Concen: 22.60 ug/l

RT: 5.931 min Scan# 448

Delta R.T. 0.038 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

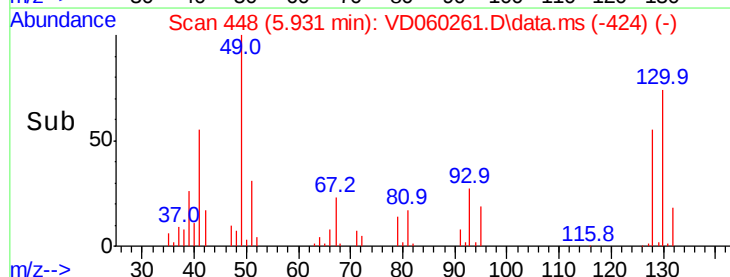
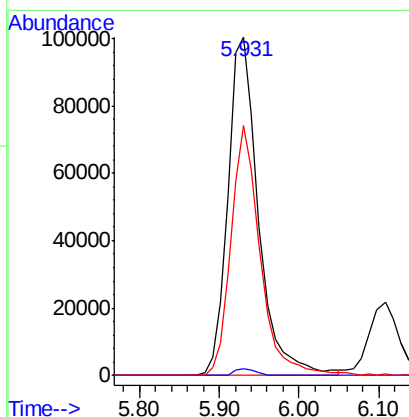
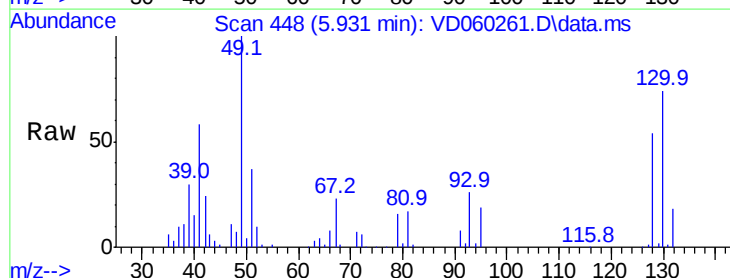
Tgt Ion: 49 Resp: 269486

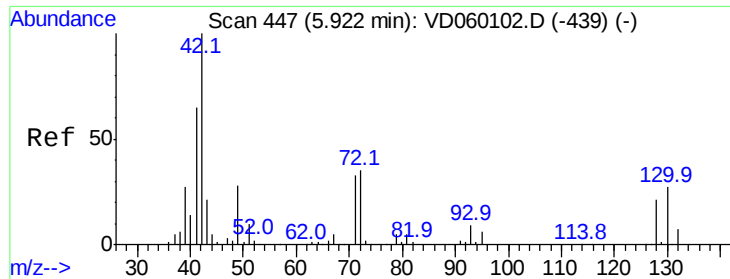
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

130 74.0 53.9 80.9





#29

Tetrahydrofuran

Concen: 108.33 ug/l

RT: 5.960 min Scan# 451

Delta R.T. 0.038 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBS01

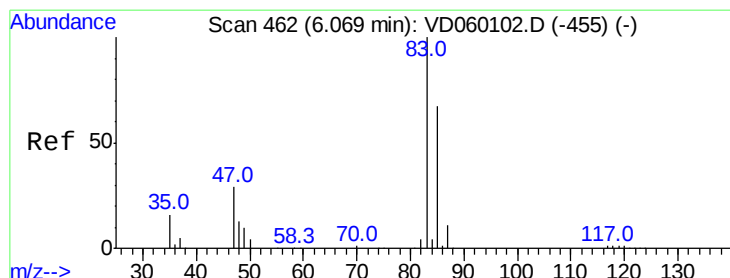
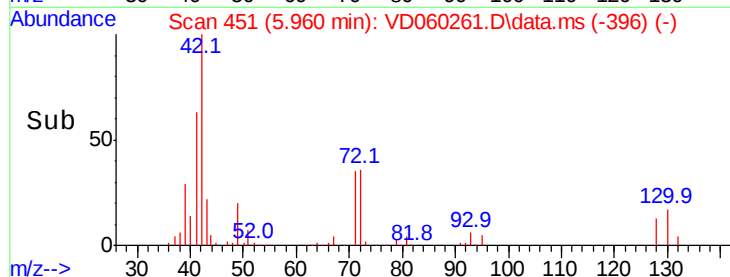
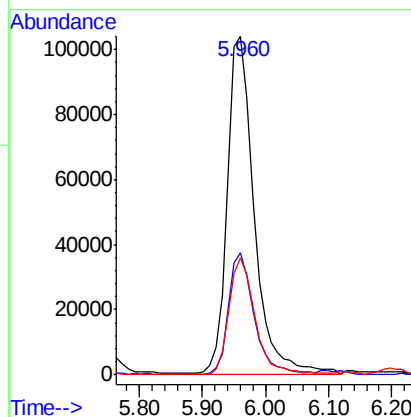
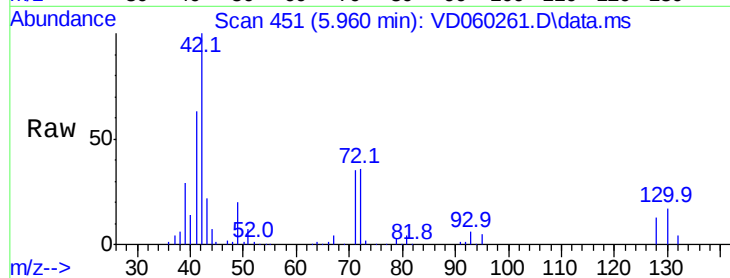
Tot Ion: 42 Resp: 309250

Ion Ratio Lower Upper

42 100

72 34.2 26.9 40.3

71 33.2 26.7 40.1



#30

Chloroform

Concen: 22.96 ug/l

RT: 6.108 min Scan# 466

Delta R.T. 0.038 min

Lab File: VD060261.D

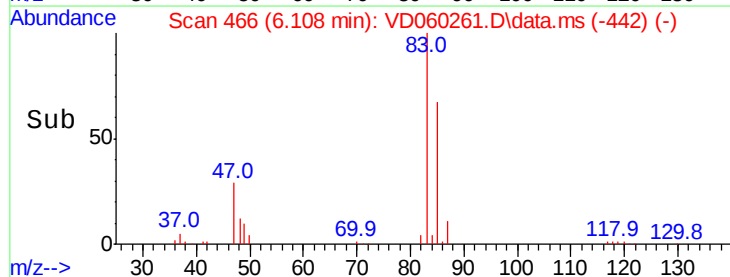
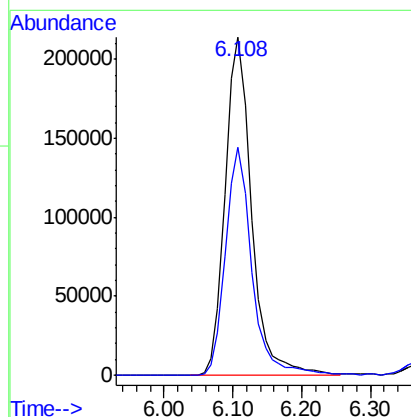
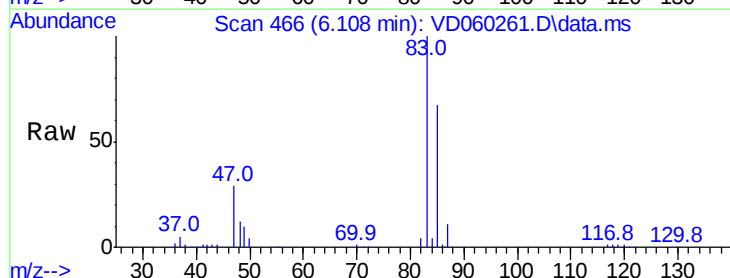
Acq: 1 Nov 2018 14:41

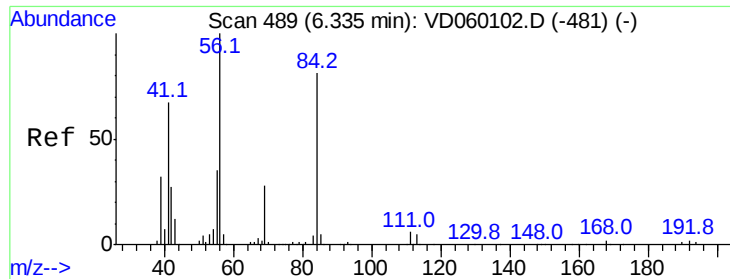
Tgt Ion: 83 Resp: 569797

Ion Ratio Lower Upper

83 100

85 67.4 53.8 80.8

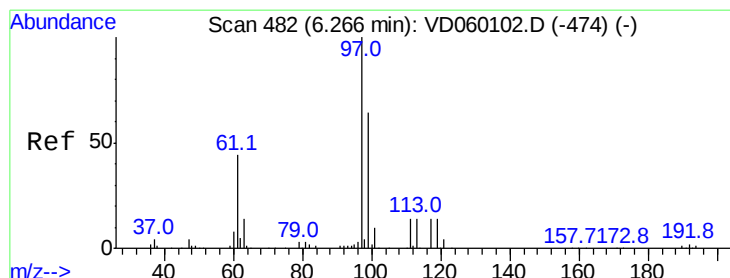
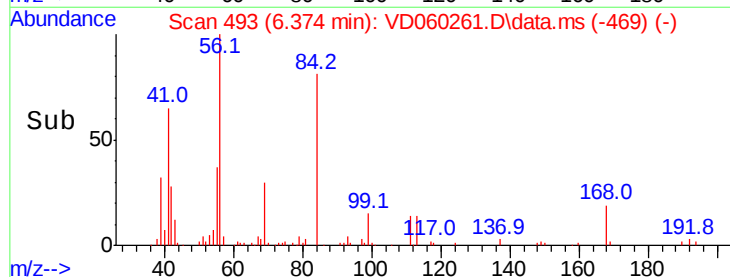
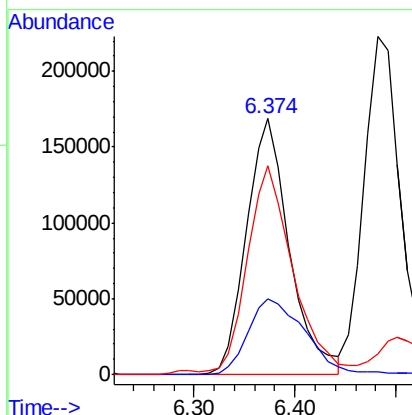
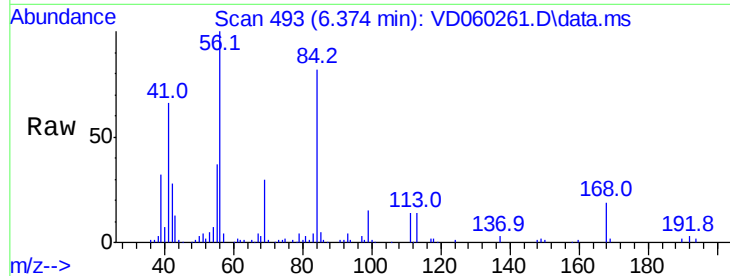




#31
Cvclohexane
Concen: 21.31 ug/l
RT: 6.374 min Scan# 49
Delta R.T. 0.038 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

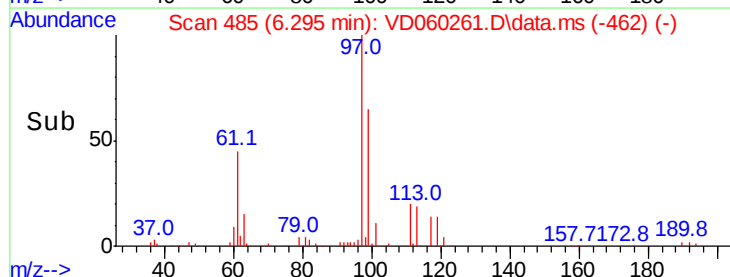
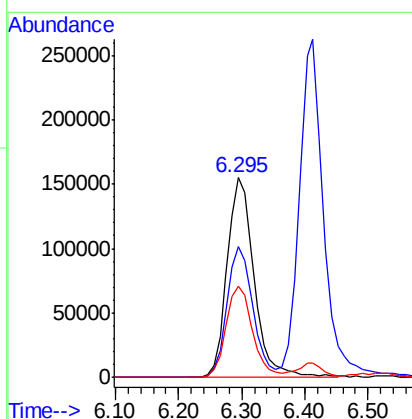
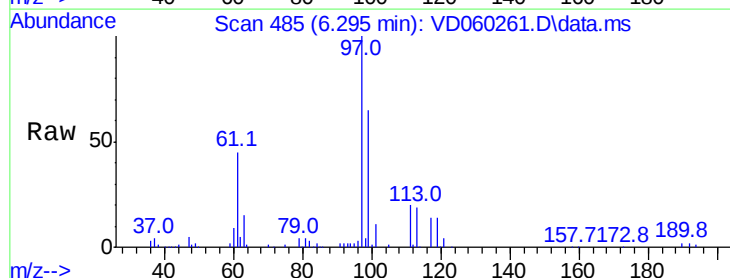
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBS01

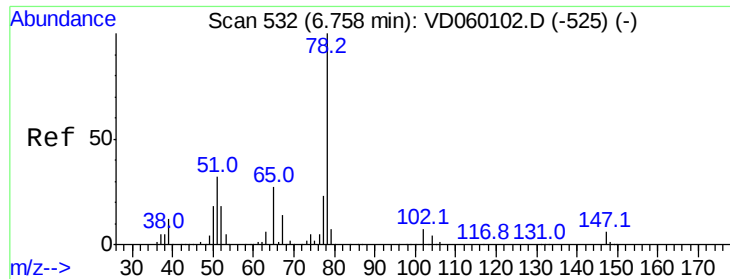
Tot Ion: 56 Resp: 500610
Ion Ratio Lower Upper
56 100
69 29.6 22.8 34.2
84 81.7 64.9 97.3



#32
1,1,1-Trichloroethane
Concen: 22.49 ug/l
RT: 6.295 min Scan# 485
Delta R.T. 0.029 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

Tgt Ion: 97 Resp: 457264
Ion Ratio Lower Upper
97 100
99 65.2 51.4 77.0
61 45.3 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 51.95 ug/l

RT: 6.787 min Scan# 531

Delta R.T. 0.029 min

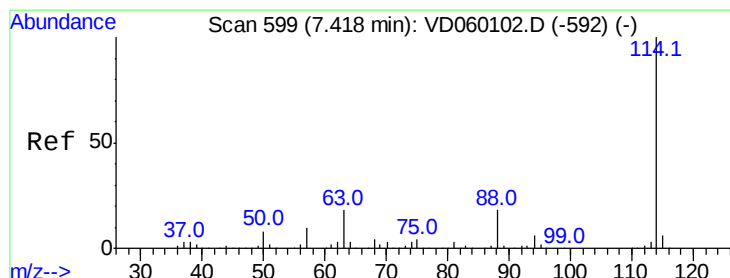
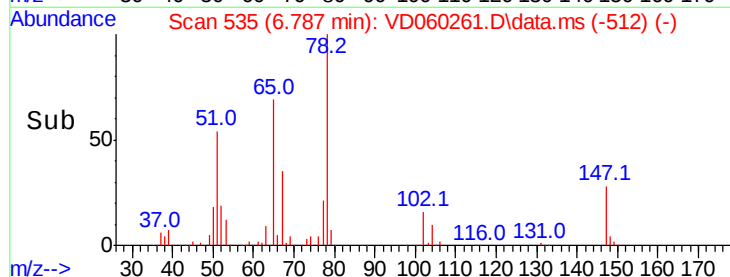
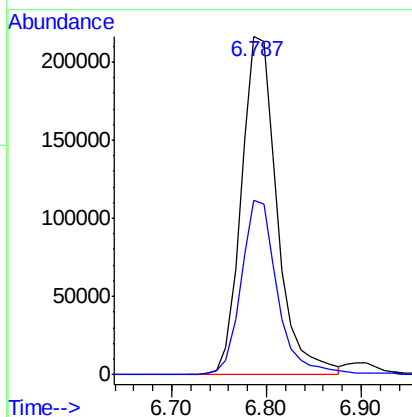
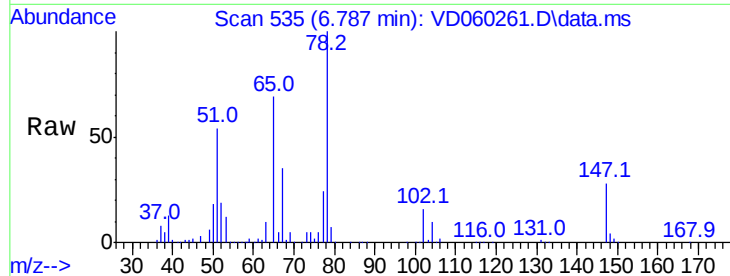
Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :
MSVOA_D
ClientSampleId :
VD1101SBS01

Tot Ion: 65 Resp: 563264

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	106.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.446 min Scan# 602

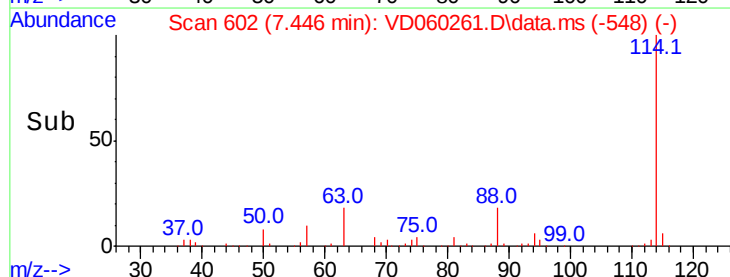
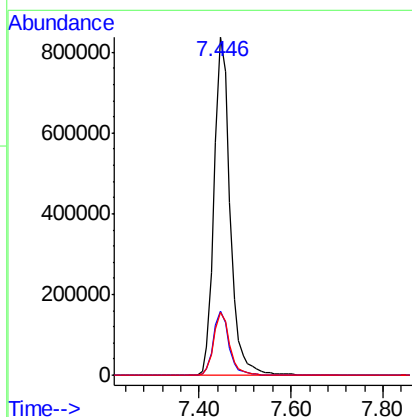
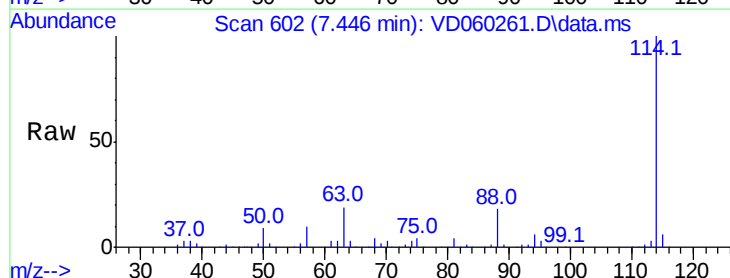
Delta R.T. 0.029 min

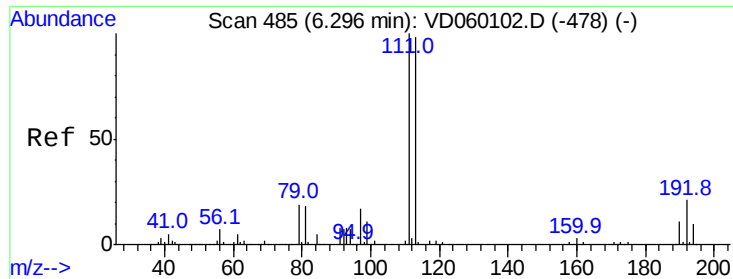
Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Tgt Ion: 114 Resp: 1990934

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	36.0
88	18.5	0.0	36.2

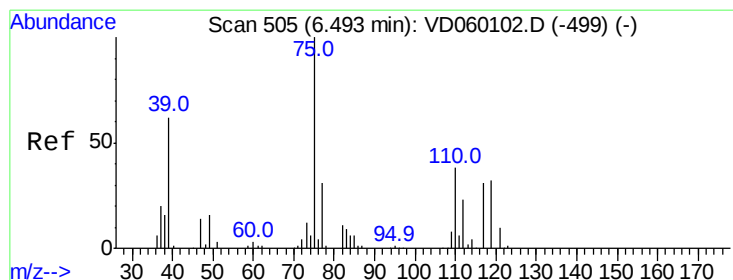
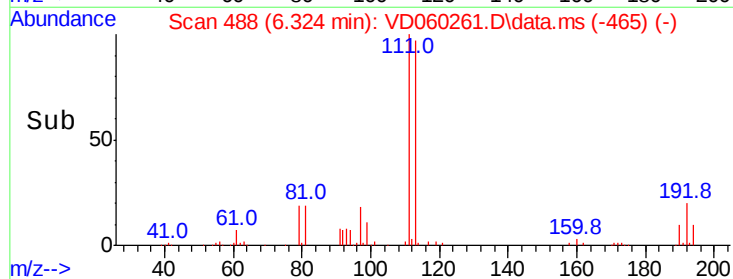
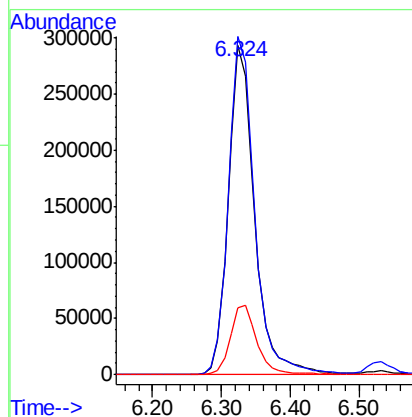
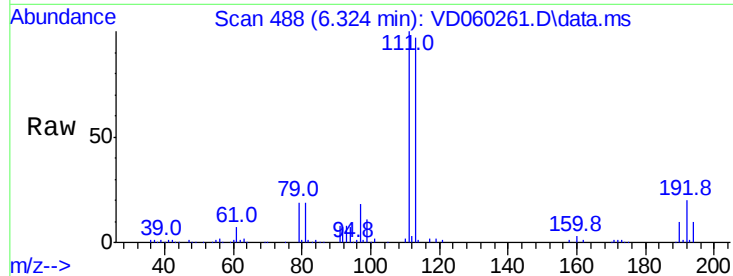




#35
 Dibromofluoromethane
 Concen: 51.06 ug/l
 RT: 6.324 min Scan# 48
 Delta R.T. 0.029 min
 Lab File: VD060261.D
 Acq: 1 Nov 2018 14:41

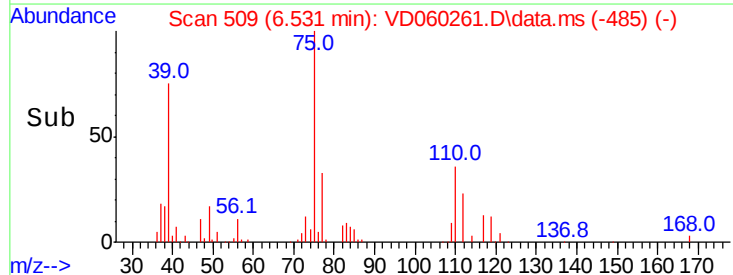
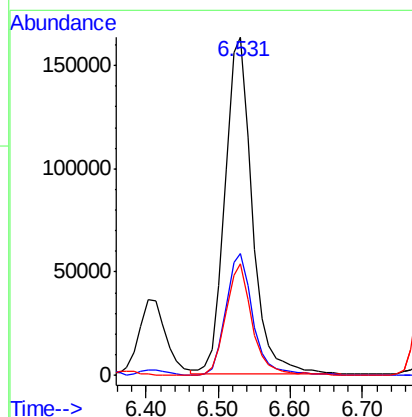
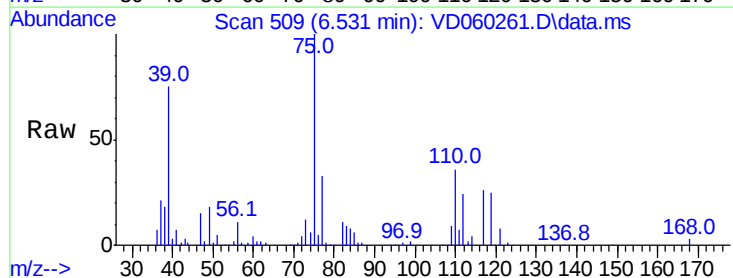
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBS01

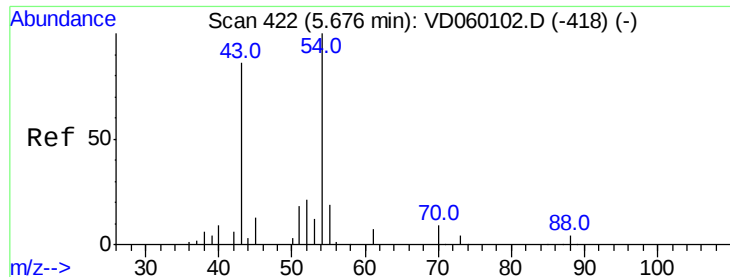
Tot Ion:113 Resp: 771962
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.5 122.3
 192 20.4 17.4 26.0



#36
 1,1-Dichloropropene
 Concen: 22.27 ug/l
 RT: 6.531 min Scan# 509
 Delta R.T. 0.038 min
 Lab File: VD060261.D
 Acq: 1 Nov 2018 14:41

Tgt Ion: 75 Resp: 423683
 Ion Ratio Lower Upper
 75 100
 110 36.1 19.0 57.0
 77 33.0 24.9 37.3

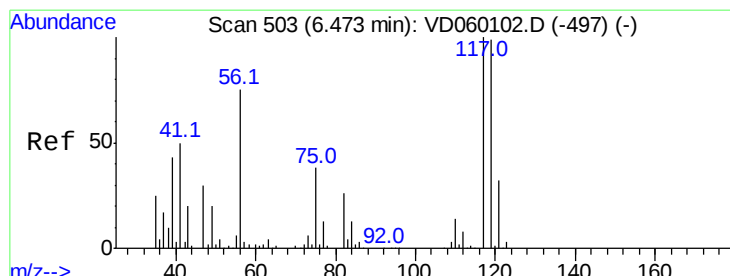
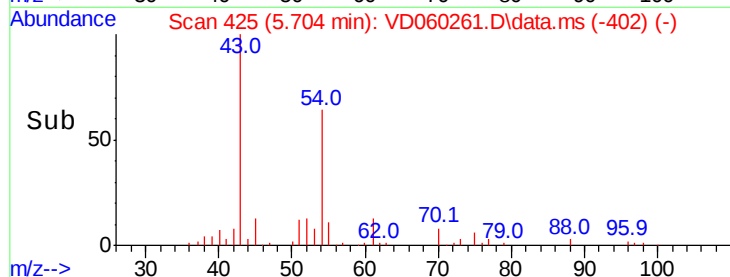
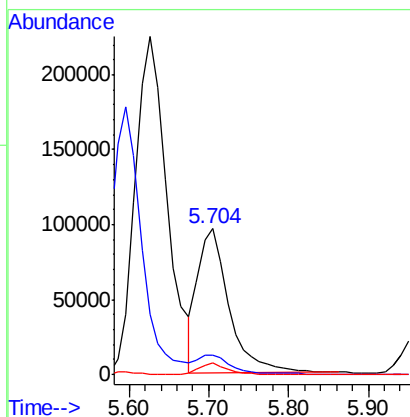
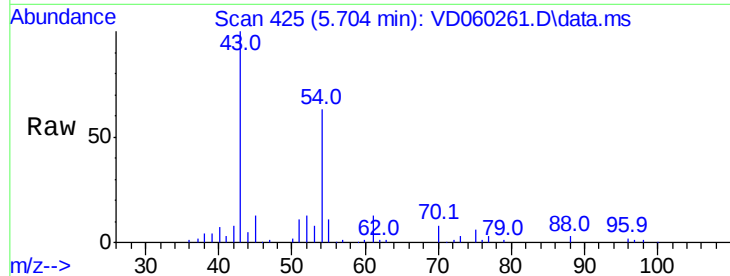




#37
Ethyl Acetate
Concen: 20.84 ug/l
RT: 5.704 min Scan# 42
Delta R.T. 0.029 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

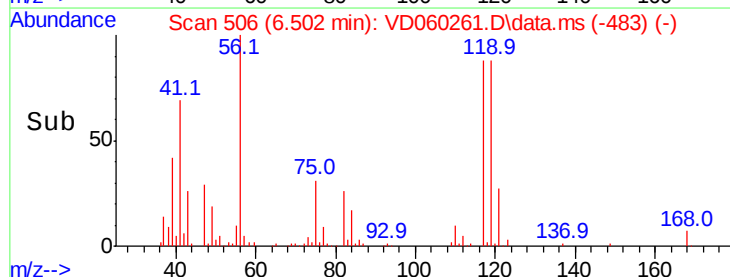
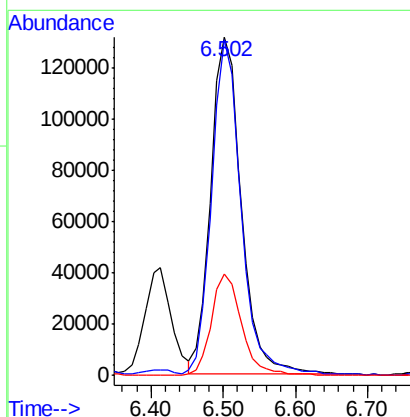
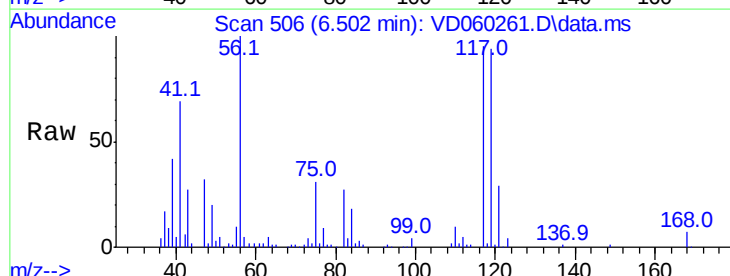
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBS01

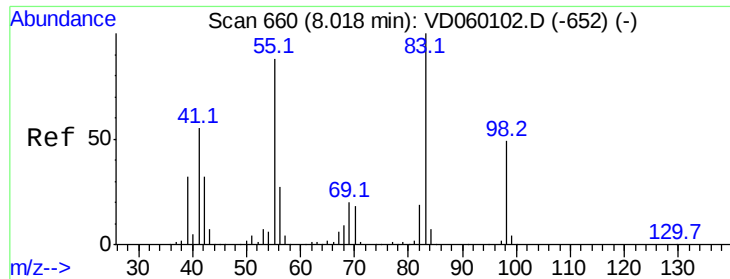
Tot Ion: 43 Resp: 263188
Ion Ratio Lower Upper
43 100
61 13.0 10.5 15.7
70 7.8 6.3 9.5



#38
Carbon Tetrachloride
Concen: 22.21 ug/l
RT: 6.502 min Scan# 506
Delta R.T. 0.029 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

Tgt Ion: 117 Resp: 383527
Ion Ratio Lower Upper
117 100
119 99.2 77.8 116.6
121 30.1 24.8 37.2

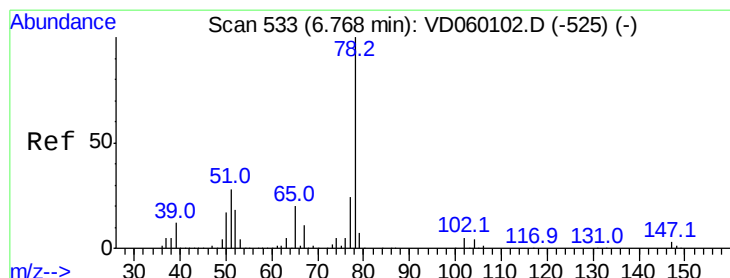
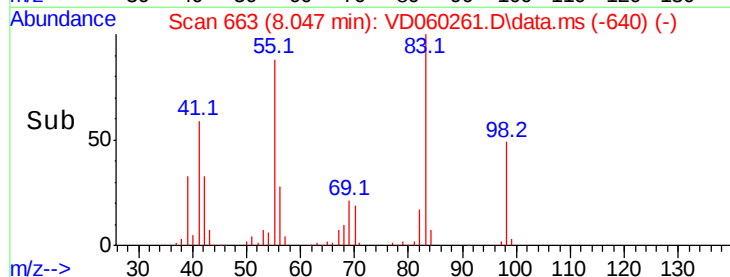
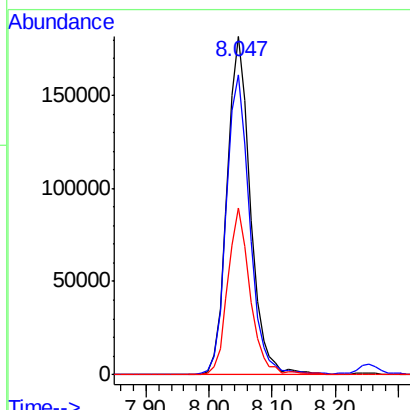
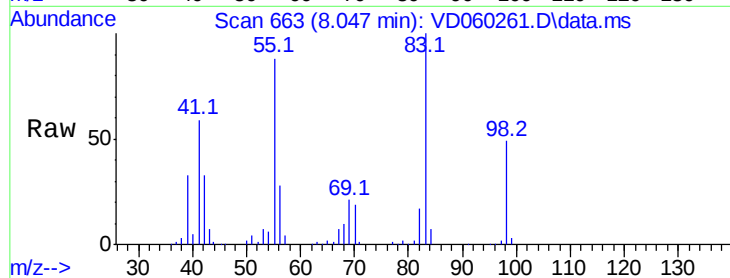




#39
Methylcyclohexane
Concen: 21.34 ug/l
RT: 8.047 min Scan# 661
Delta R.T. 0.029 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

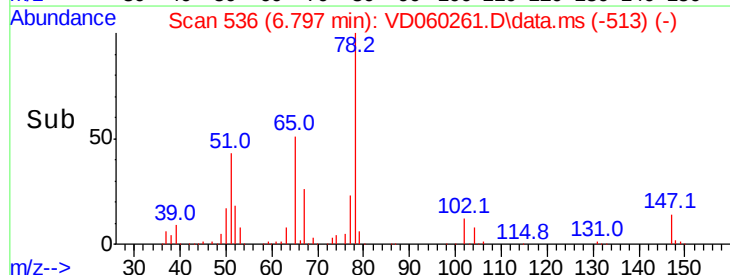
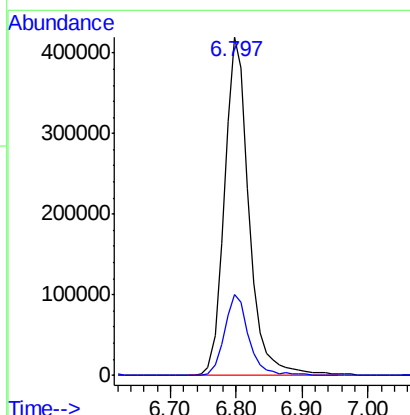
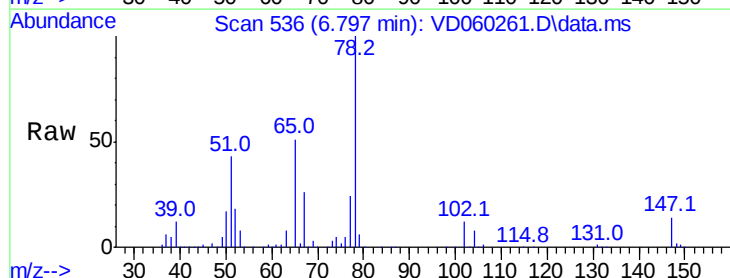
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBS01

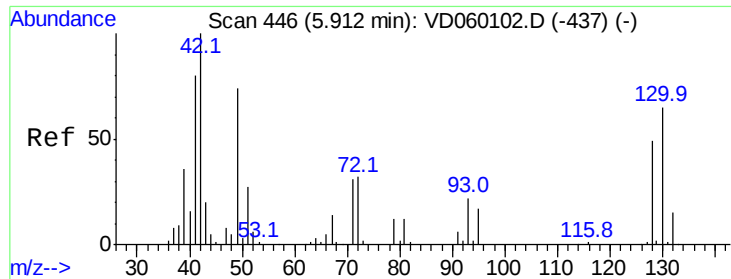
Tot Ion: 83 Resp: 461355
Ion Ratio Lower Upper
83 100
55 88.5 70.5 105.7
98 49.2 39.4 59.2



#40
Benzene
Concen: 21.81 ug/l
RT: 6.797 min Scan# 536
Delta R.T. 0.029 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

Tgt Ion: 78 Resp: 1085537
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4





#41

Methacrylonitrile

Concen: 45.01 ug/l

RT: 5.950 min Scan# 45

Delta R.T. 0.038 min

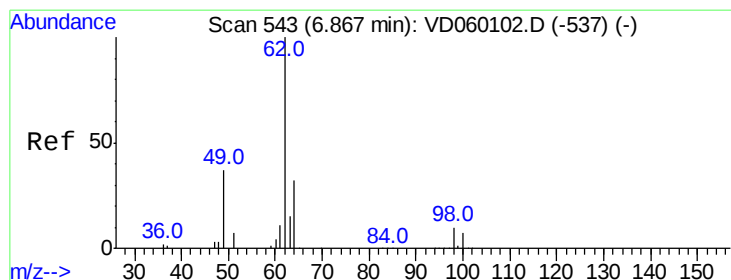
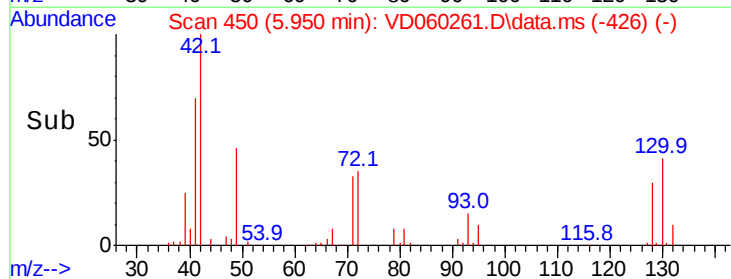
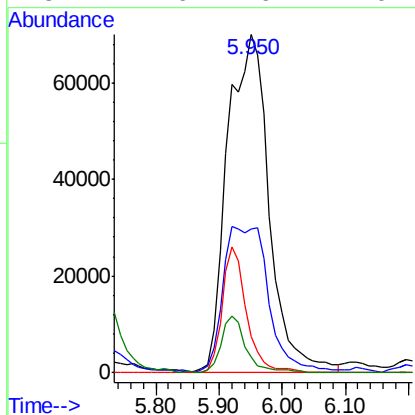
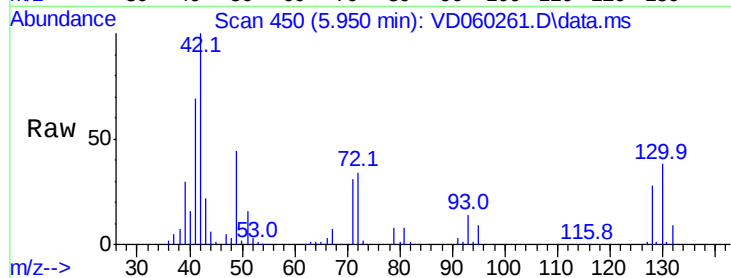
Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :
MSVOA_D
ClientSampleId :
VD1101SBS01

Tot Ion: 41 Resp: 321299

Ion	Ratio	Lower	Upper
41	100		
39	42.6	36.0	54.0
67	10.5	13.9	20.9#
52	4.6	6.1	9.1#



#42

1,2-Dichloroethane

Concen: 22.39 ug/l

RT: 6.895 min Scan# 546

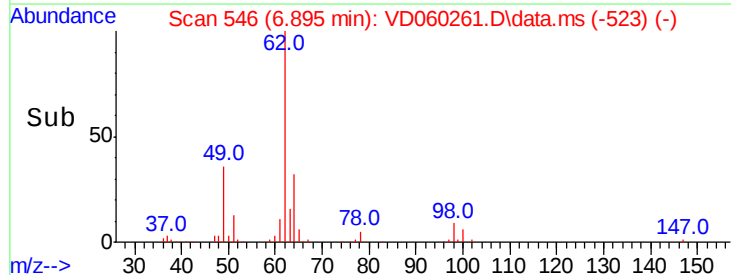
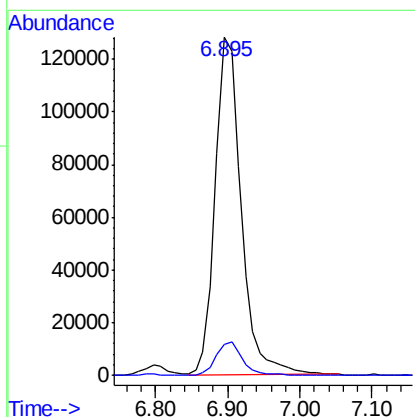
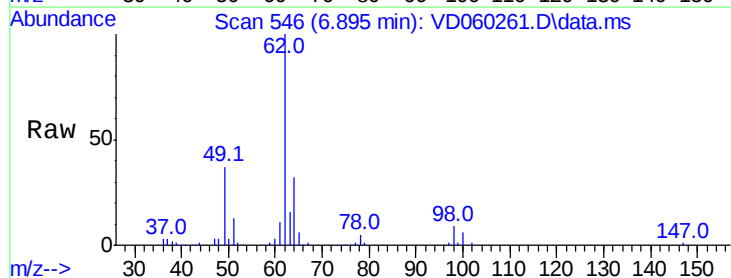
Delta R.T. 0.029 min

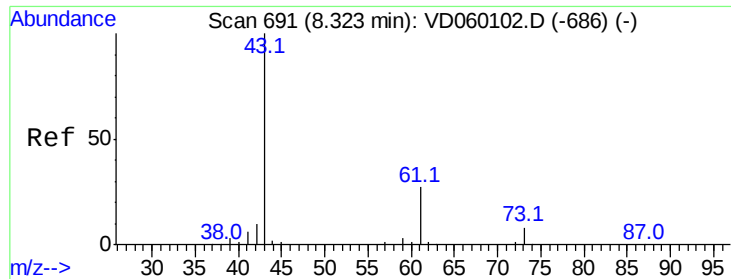
Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Tgt Ion: 62 Resp: 319540

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.6





#43

Isopropyl Acetate

Concen: 21.00 ug/l

RT: 8.361 min Scan# 691

Delta R.T. 0.038 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBS01

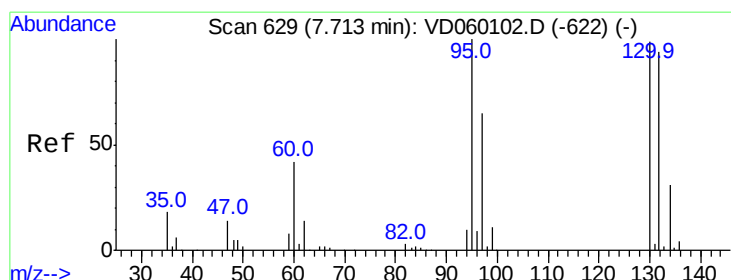
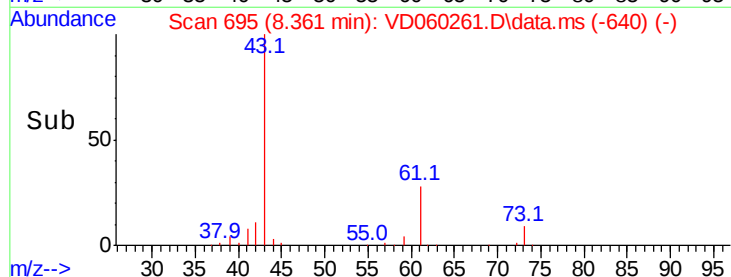
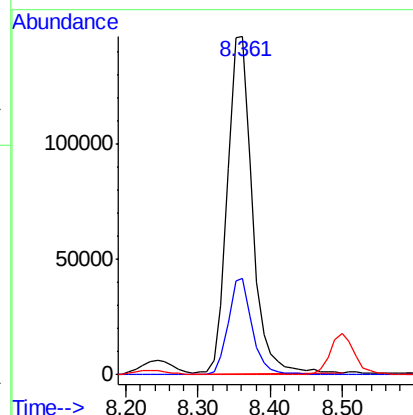
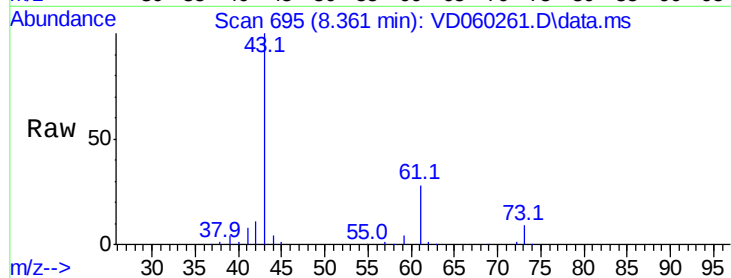
Tot Ion: 43 Resp: 348832

Ion Ratio Lower Upper

43 100

61 28.4 21.4 32.2

87 0.0 0.2 0.2#



#44

Trichloroethene

Concen: 21.29 ug/l

RT: 7.741 min Scan# 632

Delta R.T. 0.029 min

Lab File: VD060261.D

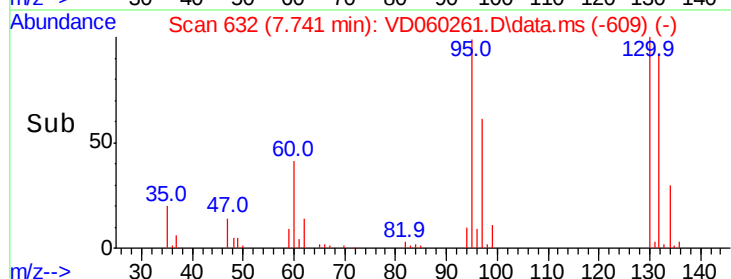
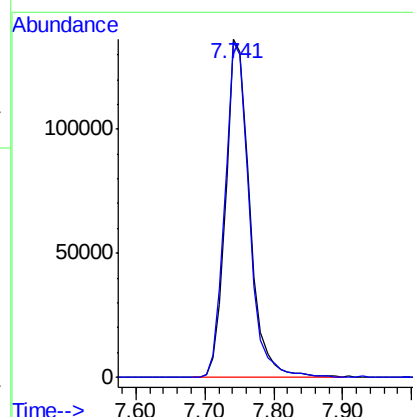
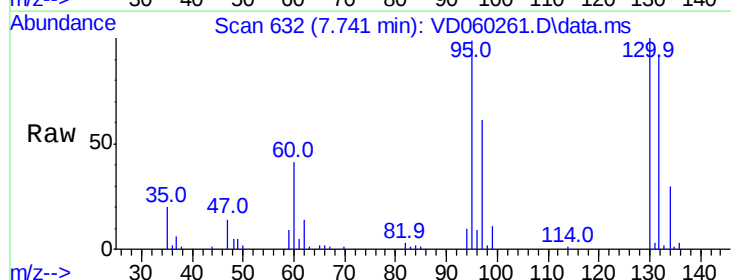
Acq: 1 Nov 2018 14:41

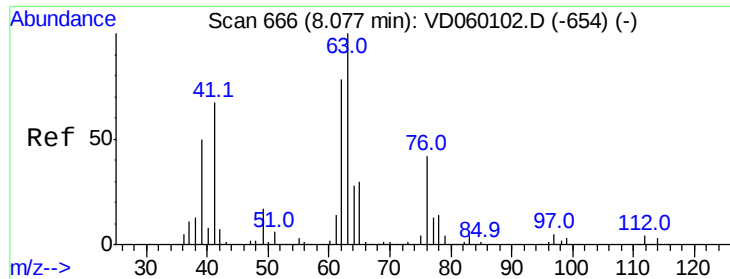
Tgt Ion:130 Resp: 328061

Ion Ratio Lower Upper

130 100

95 99.2 0.0 202.2

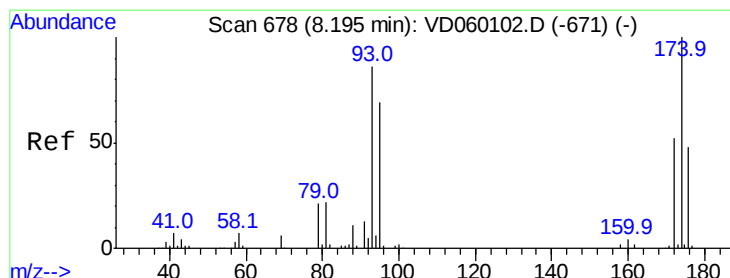
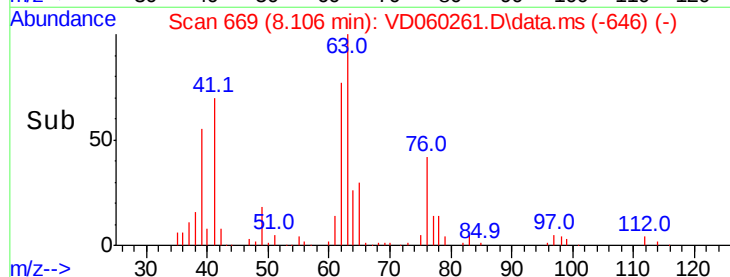
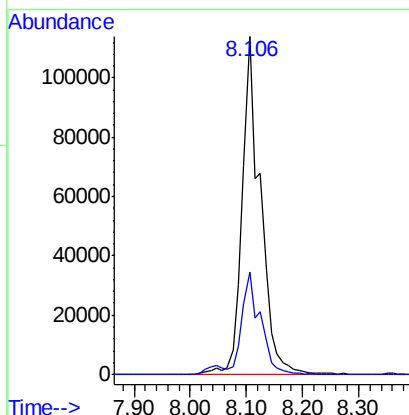
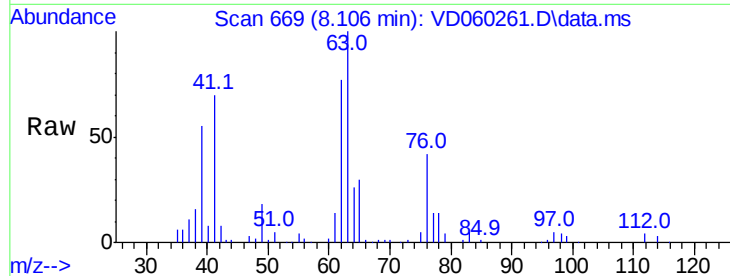




#45
1,2-Dichloropropane
Concen: 19.64 ug/l
RT: 8.106 min Scan# 661
Delta R.T. 0.029 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

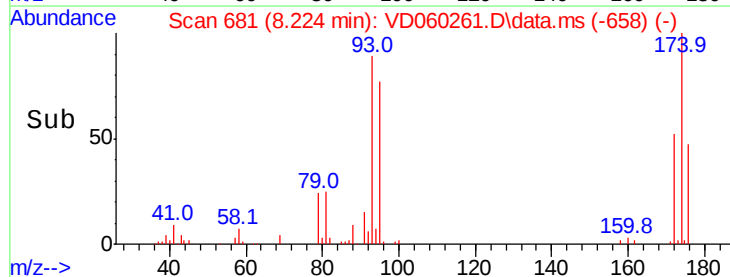
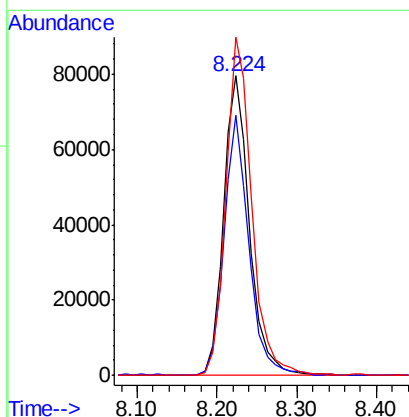
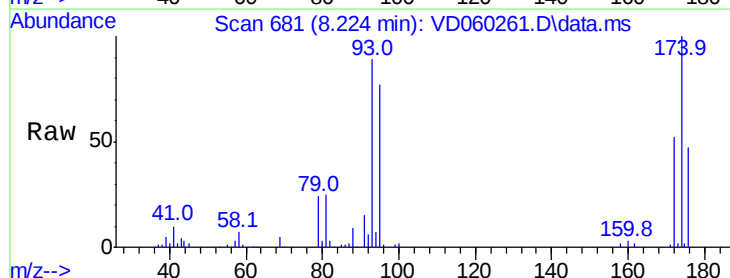
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBS01

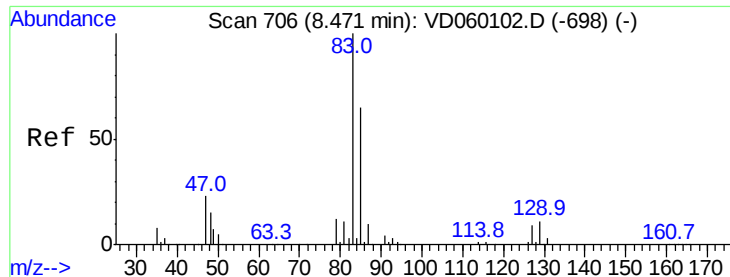
Tot Ion: 63 Resp: 256024
Ion Ratio Lower Upper
63 100
65 30.2 24.1 36.1



#46
Dibromomethane
Concen: 21.40 ug/l
RT: 8.224 min Scan# 681
Delta R.T. 0.029 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

Tgt Ion: 93 Resp: 180591
Ion Ratio Lower Upper
93 100
95 86.6 63.8 95.6
174 112.9 92.9 139.3

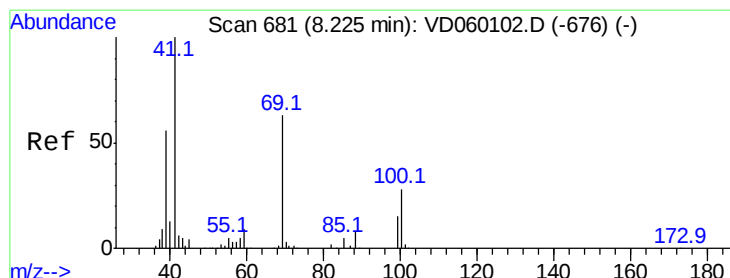
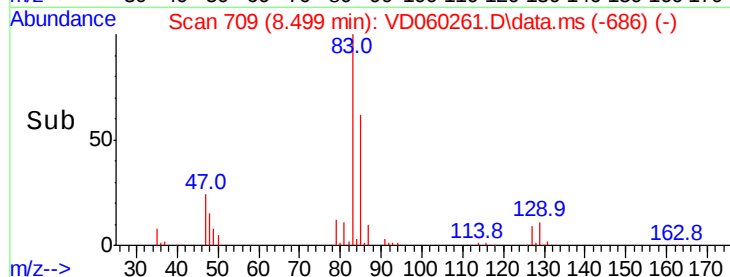
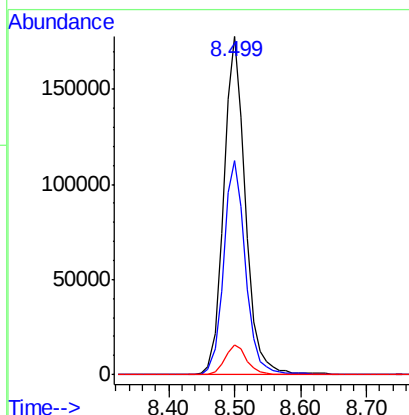
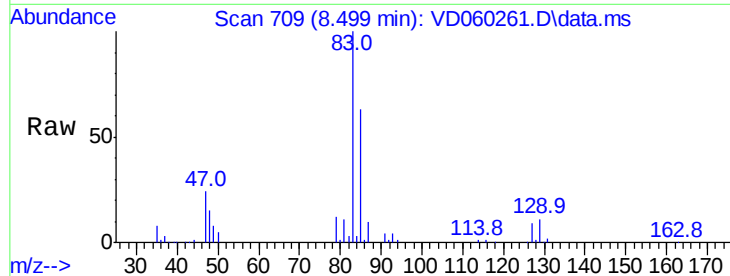




#47
Bromodichloromethane
Concen: 22.63 ug/l
RT: 8.499 min Scan# 706
Delta R.T. 0.029 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

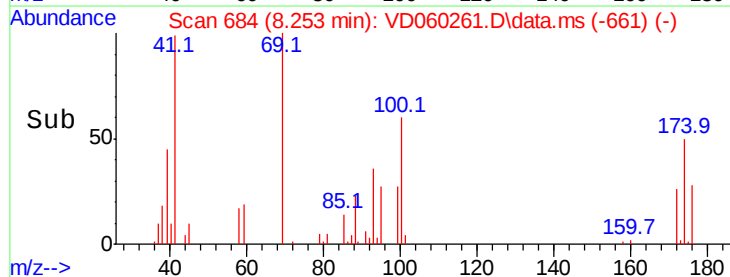
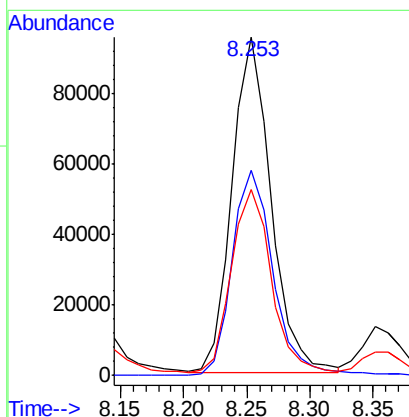
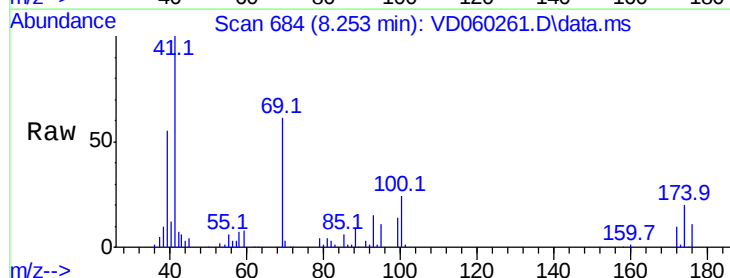
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBS01

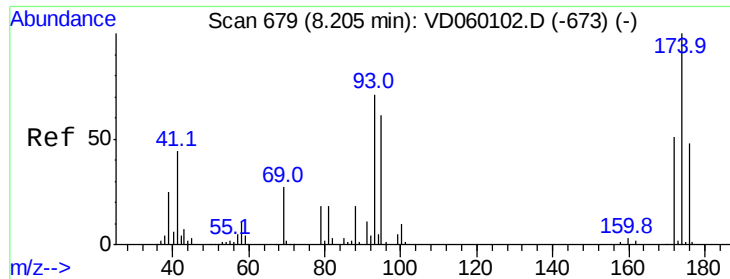
Tot Ion	83	Resp	406766
Ion Ratio	100		
85	63.5	52.2	78.2
127	8.6	7.4	11.0



#48
Methyl methacrylate
Concen: 21.51 ug/l
RT: 8.253 min Scan# 684
Delta R.T. 0.029 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

Tgt Ion	41	Resp	203531
Ion Ratio	100		
69	60.6	49.7	74.5
39	55.0	45.2	67.8





#49

1,4-Dioxane

Concen: 419.83 ug/l

RT: 8.243 min Scan# 68

Delta R.T. 0.038 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBS01

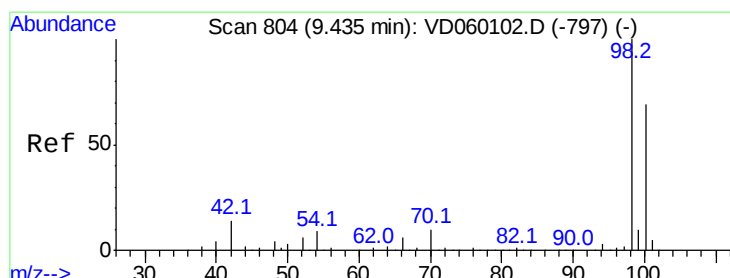
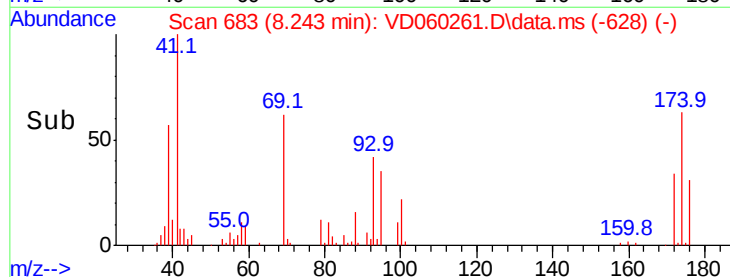
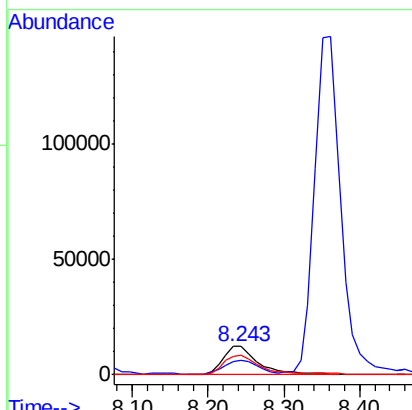
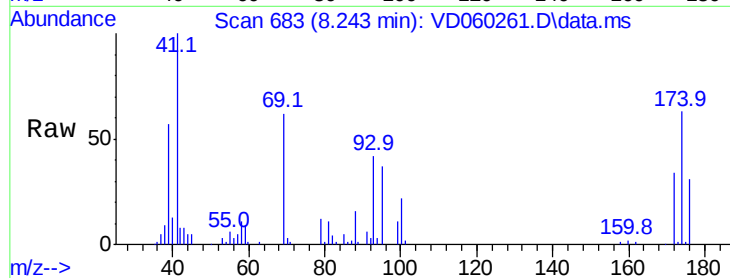
Tot Ion: 88 Resp: 39091

Ion Ratio Lower Upper

88 100

43 50.9 33.7 50.5#

58 70.4 49.1 73.7



#50

Toluene-d8

Concen: 48.57 ug/l

RT: 9.464 min Scan# 807

Delta R.T. 0.029 min

Lab File: VD060261.D

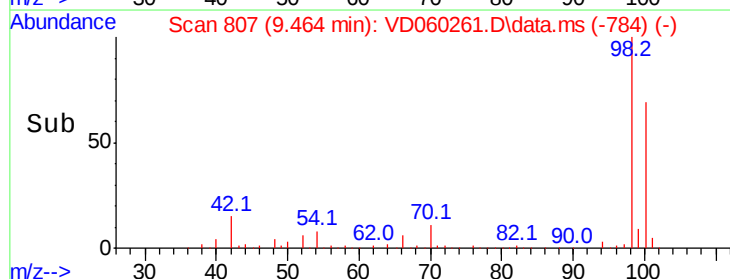
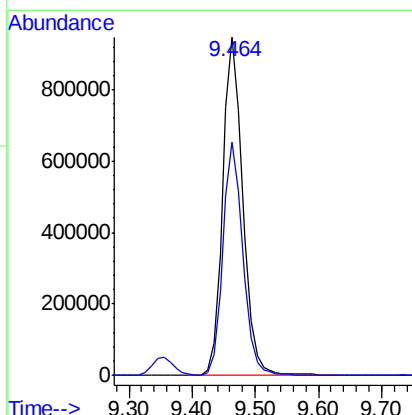
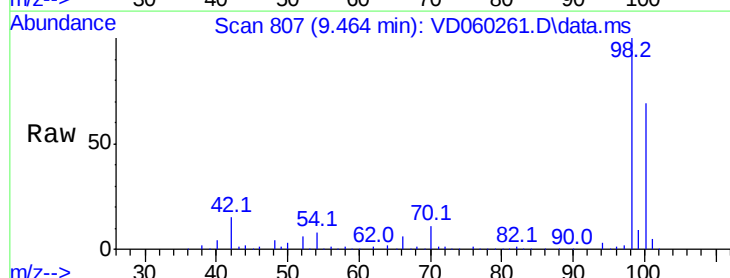
Acq: 1 Nov 2018 14:41

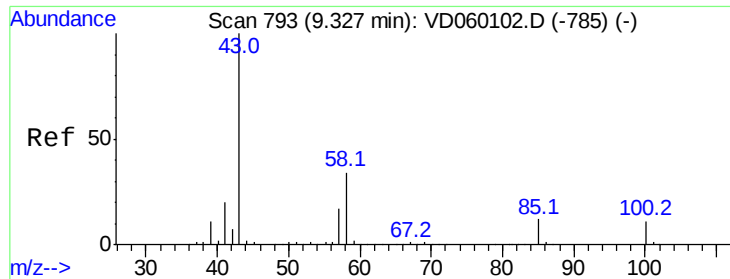
Tgt Ion: 98 Resp: 2093750

Ion Ratio Lower Upper

98 100

100 69.1 55.4 83.0





#51

4-Methyl-2-Pentanone

Concen: 110.45 ug/l

RT: 9.346 min Scan# 79

Delta R.T. 0.019 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

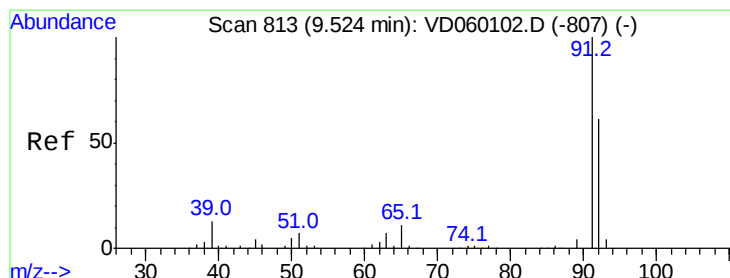
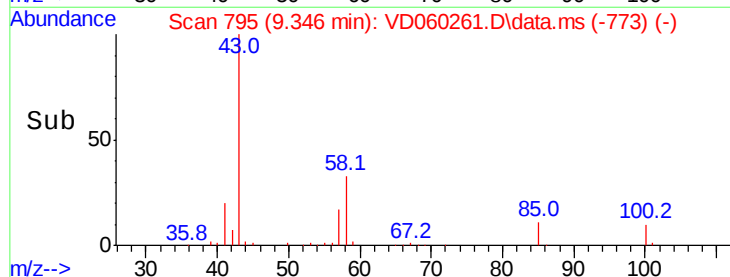
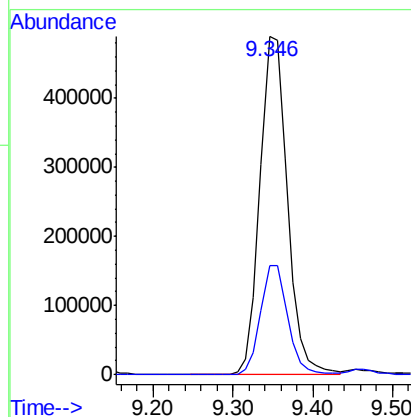
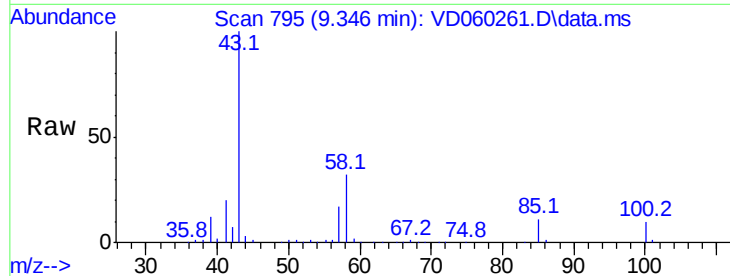
VD1101SBS01

Tot Ion: 43 Resp: 1157402

Ion Ratio Lower Upper

43 100

58 32.3 27.2 40.8



#52

Toluene

Concen: 21.59 ug/l

RT: 9.552 min Scan# 816

Delta R.T. 0.029 min

Lab File: VD060261.D

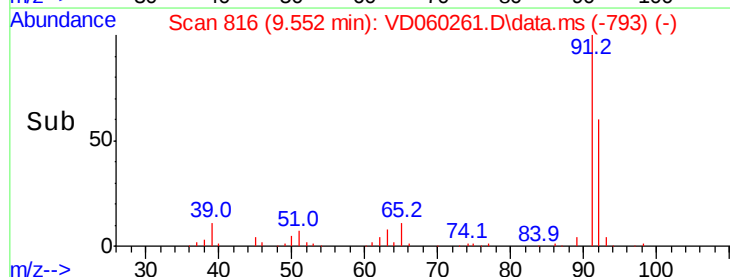
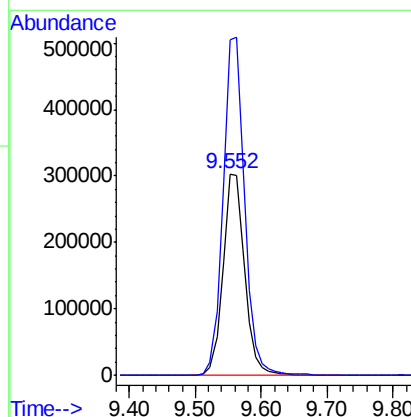
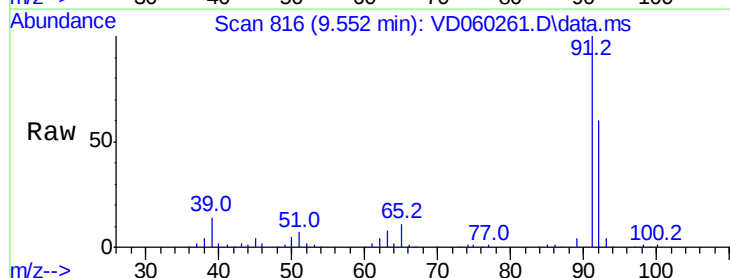
Acq: 1 Nov 2018 14:41

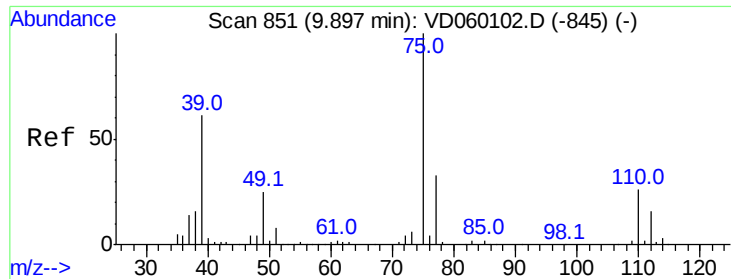
Tgt Ion: 92 Resp: 691931

Ion Ratio Lower Upper

92 100

91 166.5 131.9 197.9





#53

t-1,3-Dichloropropene

Concen: 21.99 ug/l

RT: 9.926 min Scan# 851

Delta R.T. 0.029 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

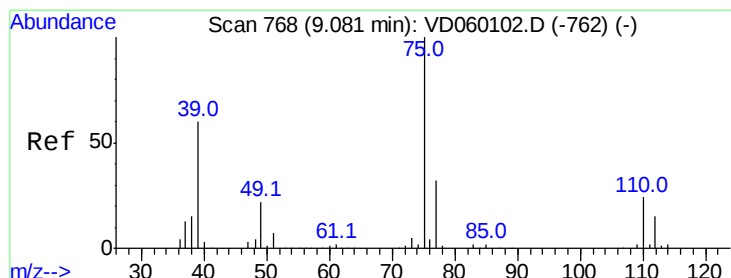
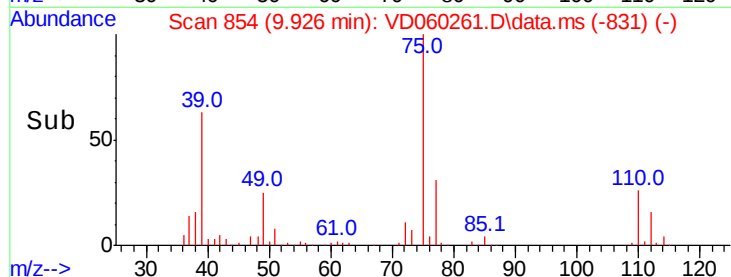
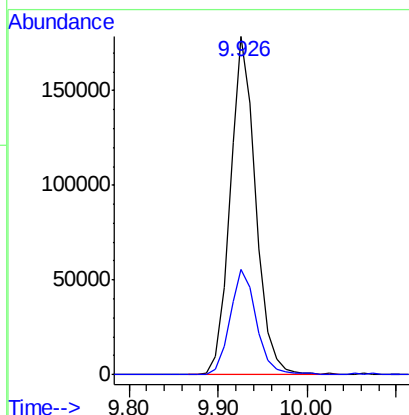
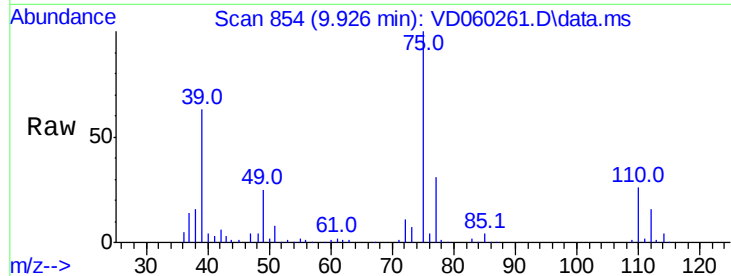
VD1101SBS01

Tot Ion: 75 Resp: 357634

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 21.83 ug/l

RT: 9.109 min Scan# 771

Delta R.T. 0.029 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

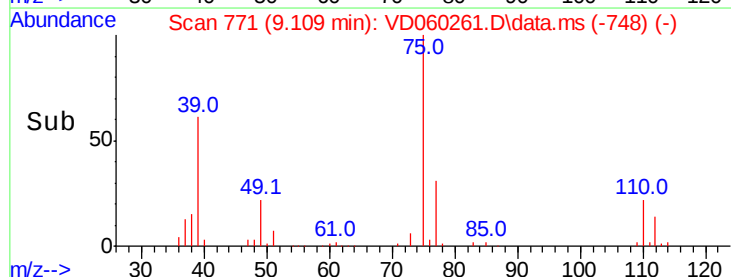
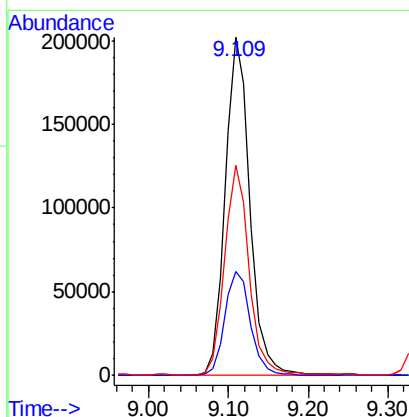
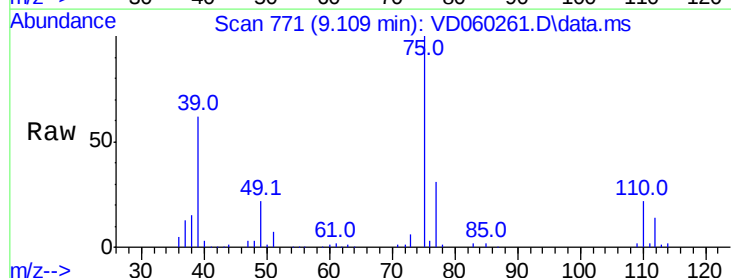
Tgt Ion: 75 Resp: 438475

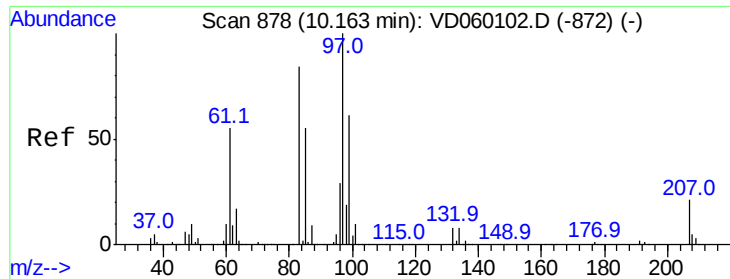
Ion Ratio Lower Upper

75 100

77 30.6 25.7 38.5

39 62.1 48.2 72.4





#55

1,1,2-Trichloroethane

Concen: 21.61 ug/l

RT: 10.192 min Scan# 881

Delta R.T. 0.029 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBS01

Tot Ion: 97 Resp: 226445

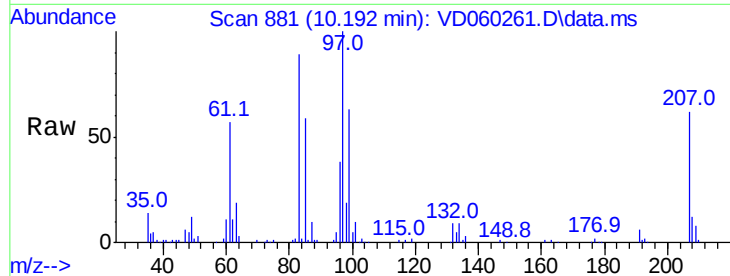
Ion Ratio Lower Upper

97 100

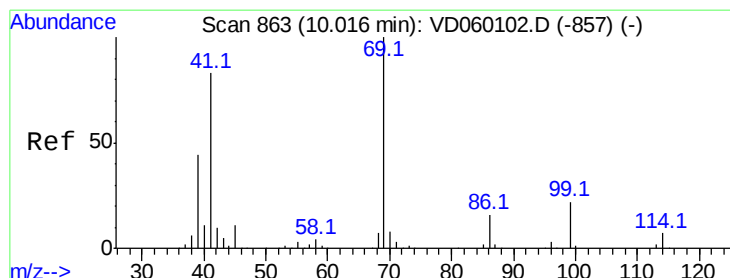
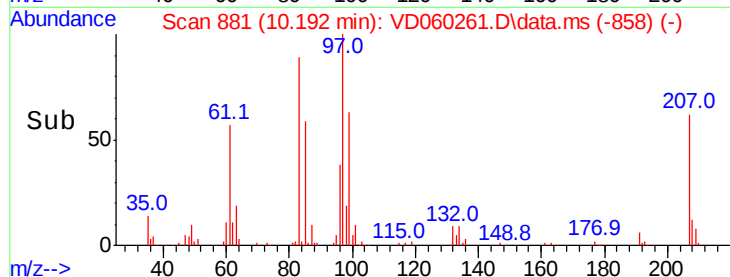
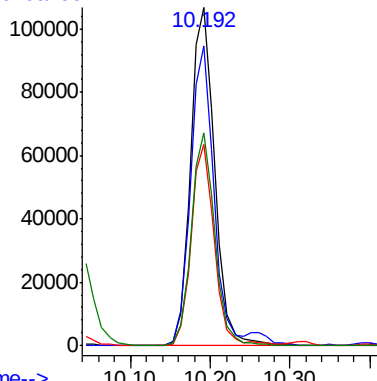
83 88.5 67.0 100.6

85 59.4 43.9 65.9

99 63.0 49.1 73.7



Abundance



#56

Ethyl methacrylate

Concen: 21.23 ug/l

RT: 10.044 min Scan# 866

Delta R.T. 0.029 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

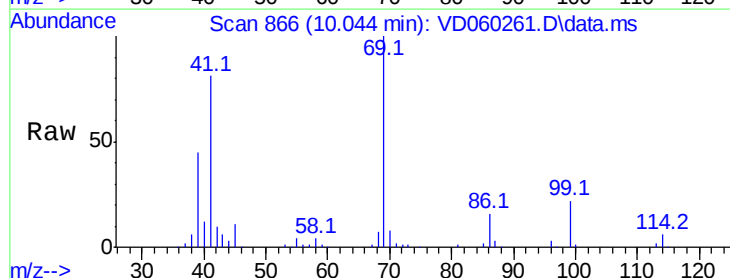
Tgt Ion: 69 Resp: 245556

Ion Ratio Lower Upper

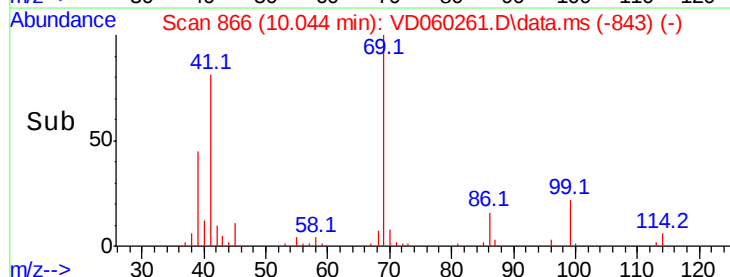
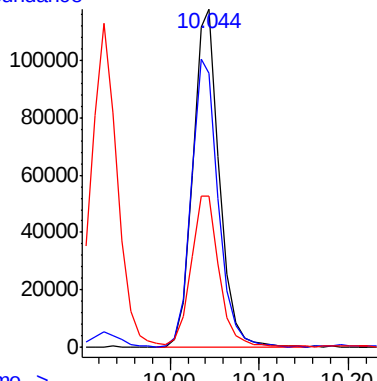
69 100

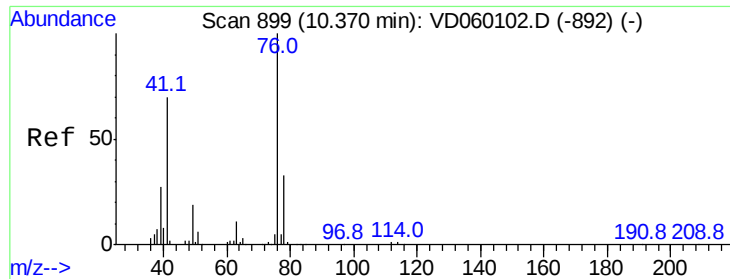
41 81.1 66.6 100.0

39 44.8 36.0 54.0



Abundance

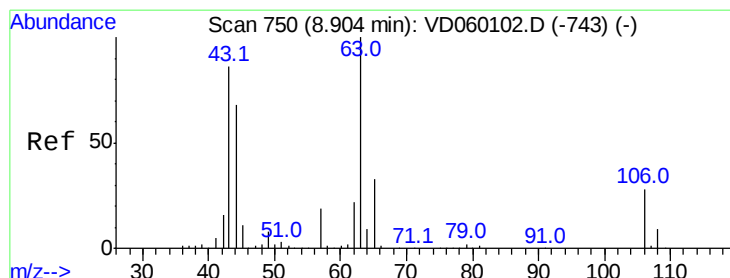
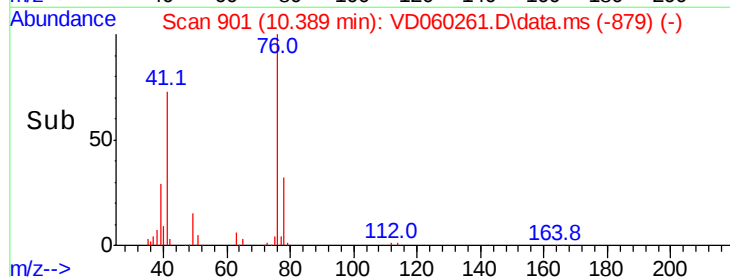
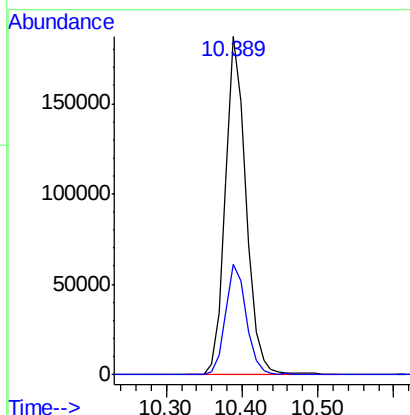
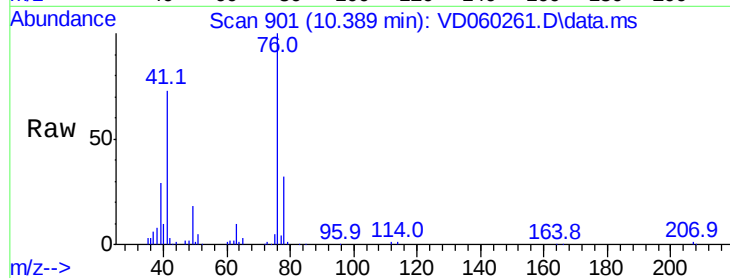




#57
 1,3-Dichloropropane
 Concen: 21.98 ug/l
 RT: 10.389 min Scan# 901
 Delta R.T. 0.019 min
 Lab File: VD060261.D
 Acq: 1 Nov 2018 14:41

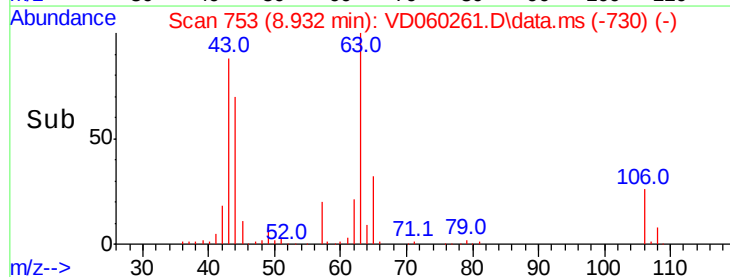
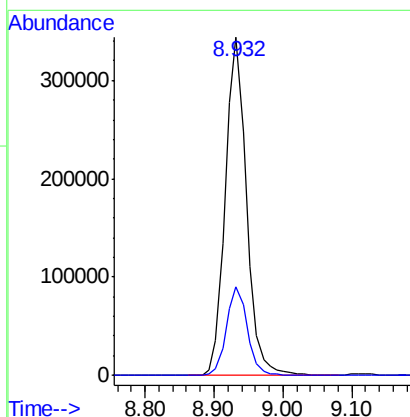
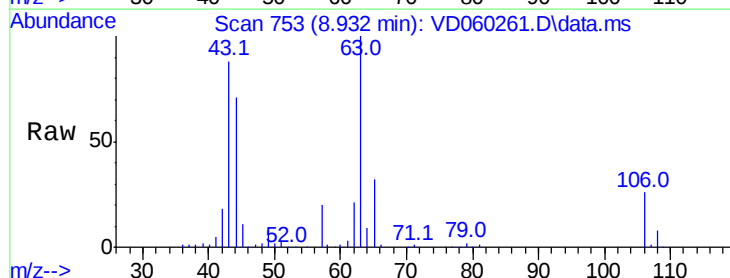
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBS01

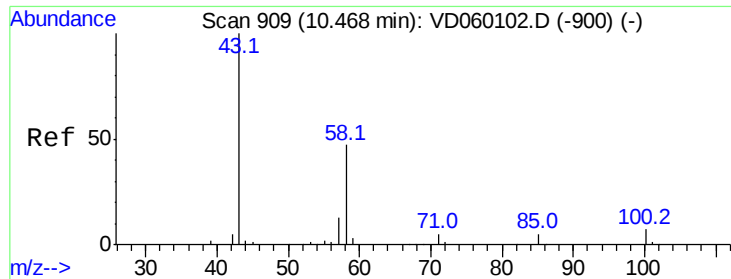
Tot Ion: 76 Resp: 351217
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 113.64 ug/l
 RT: 8.932 min Scan# 753
 Delta R.T. 0.029 min
 Lab File: VD060261.D
 Acq: 1 Nov 2018 14:41

Tgt Ion: 63 Resp: 729996
 Ion Ratio Lower Upper
 63 100
 106 26.3 22.6 34.0





#59

2-Hexanone

Concen: 123.00 ug/l

RT: 10.497 min Scan# 911

Delta R.T. 0.029 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

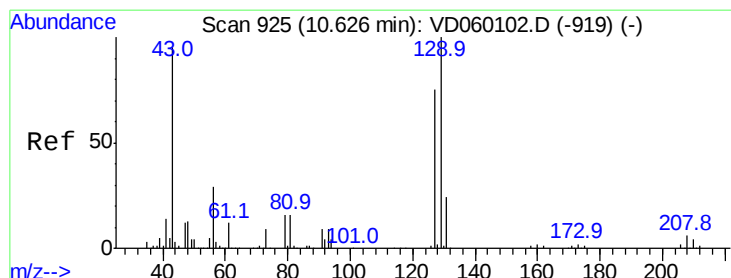
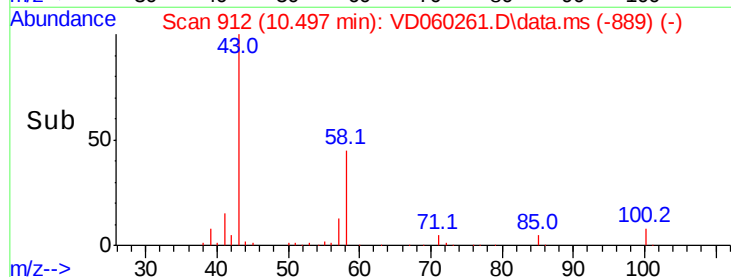
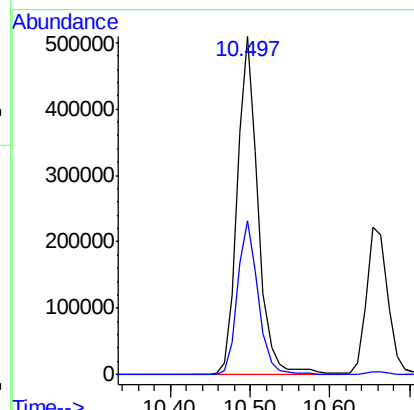
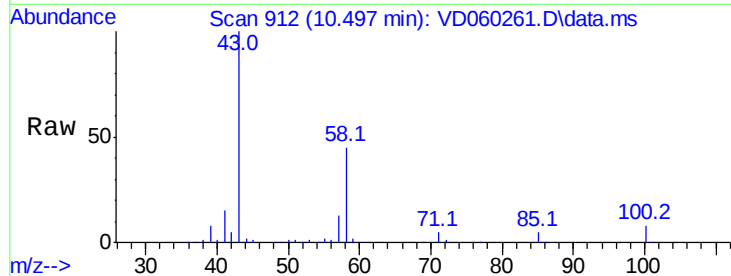
VD1101SBS01

Tot Ion: 43 Resp: 926779

Ion Ratio Lower Upper

43 100

58 45.3 23.3 69.9



#60

Dibromochloromethane

Concen: 21.90 ug/l

RT: 10.645 min Scan# 927

Delta R.T. 0.019 min

Lab File: VD060261.D

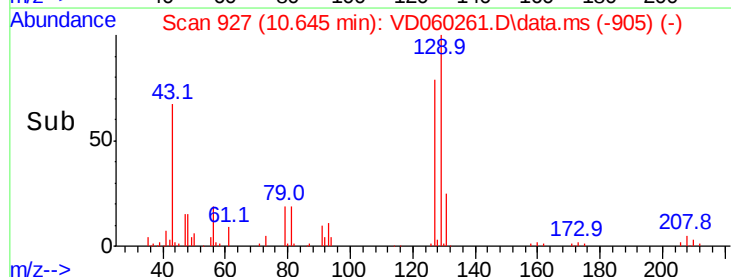
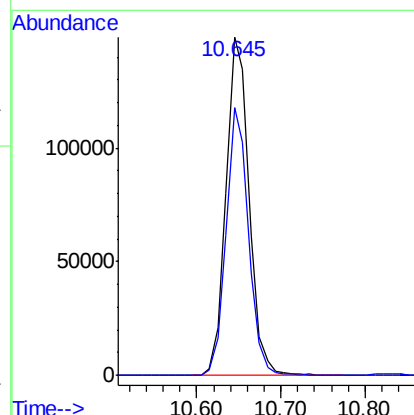
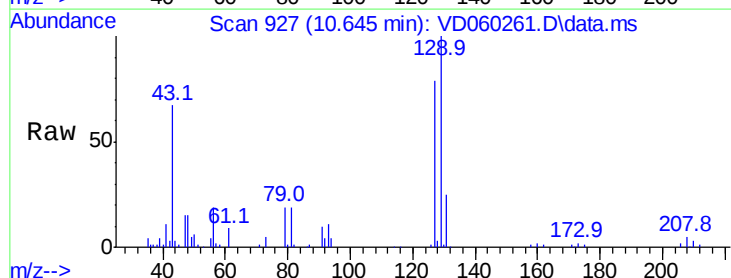
Acq: 1 Nov 2018 14:41

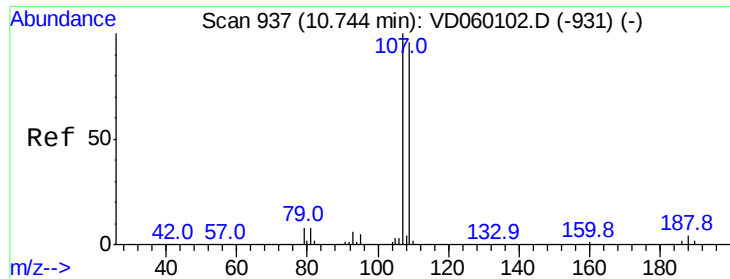
Tgt Ion:129 Resp: 281523

Ion Ratio Lower Upper

129 100

127 79.0 37.4 112.2

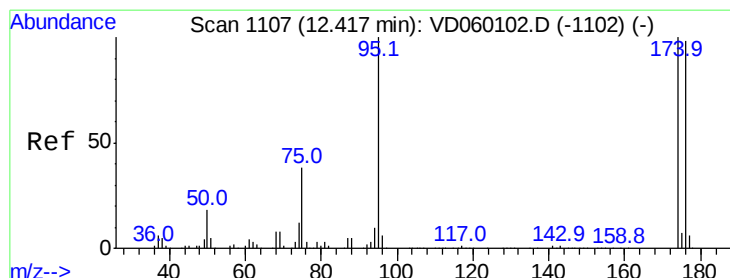
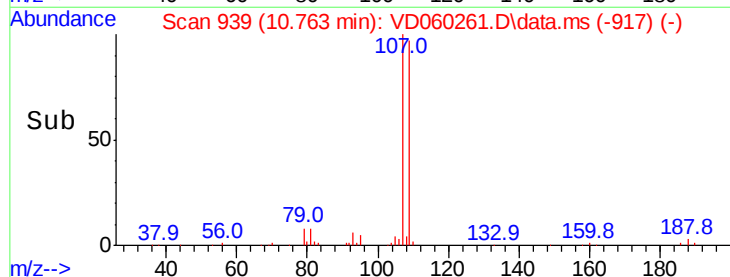
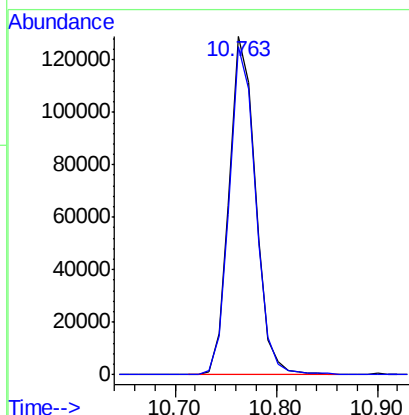
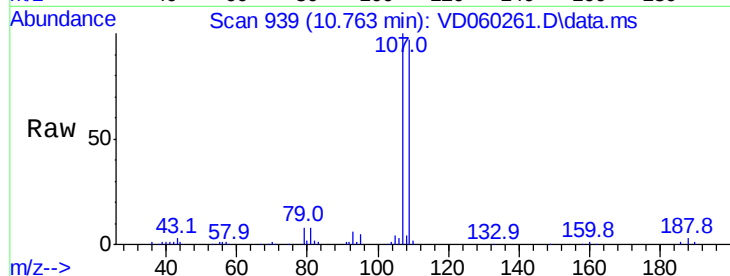




#61
 1,2-Dibromoethane
 Concen: 20.94 ug/l
 RT: 10.763 min Scan# 937
 Delta R.T. 0.019 min
 Lab File: VD060261.D
 Acq: 1 Nov 2018 14:41

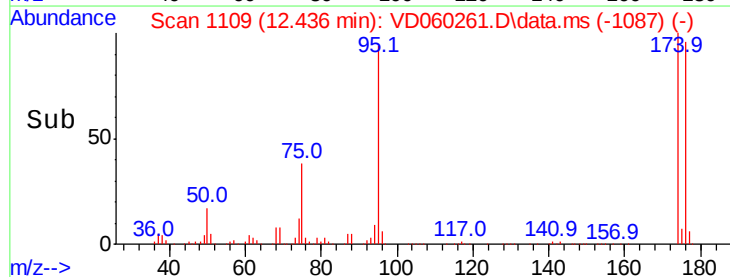
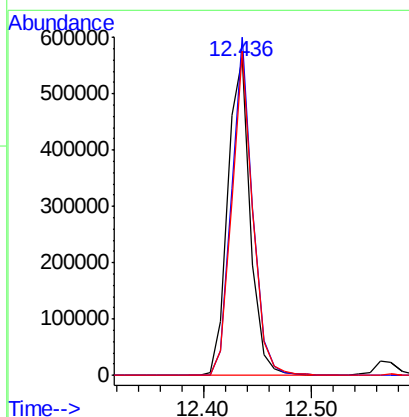
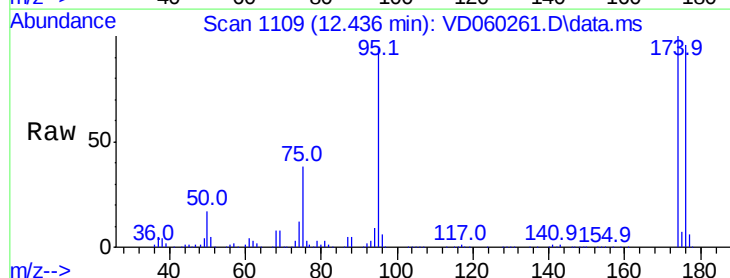
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBS01

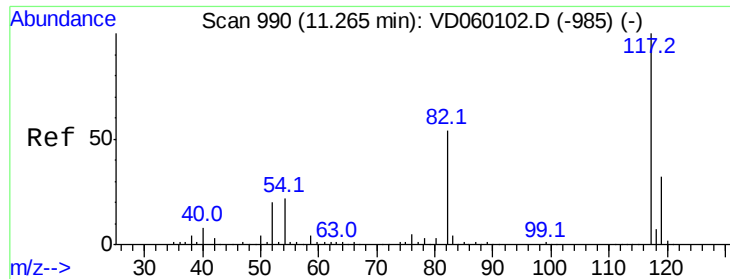
Tot Ion:107 Resp: 233108
 Ion Ratio Lower Upper
 107 100
 109 96.9 77.1 115.7



#62
 4-Bromofluorobenzene
 Concen: 50.68 ug/l
 RT: 12.436 min Scan# 1109
 Delta R.T. 0.019 min
 Lab File: VD060261.D
 Acq: 1 Nov 2018 14:41

Tgt Ion: 95 Resp: 818028
 Ion Ratio Lower Upper
 95 100
 174 106.4 0.0 200.2
 176 102.0 0.0 195.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.294 min Scan# 99

Delta R.T. 0.029 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBS01

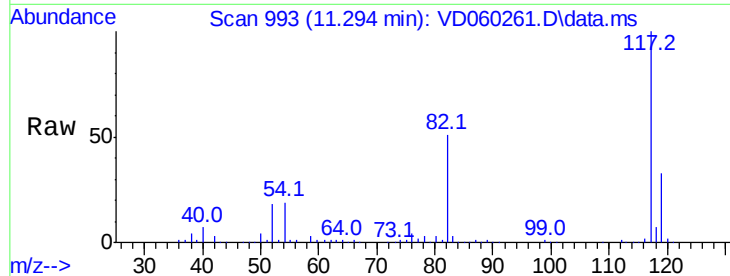
Tot Ion:117 Resp: 1605430

Ion Ratio Lower Upper

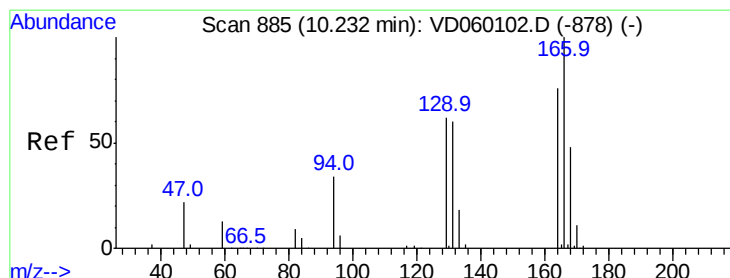
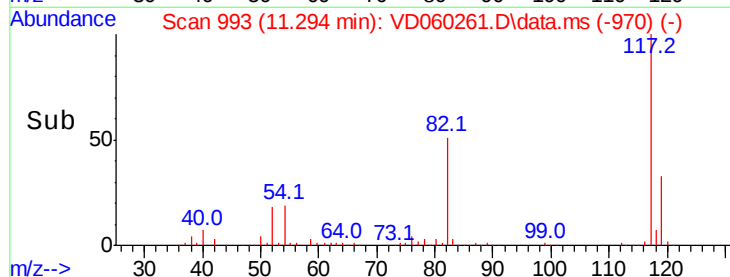
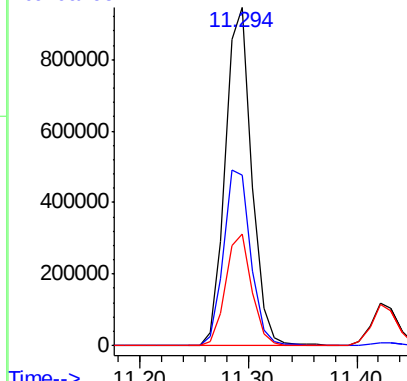
117 100

82 50.6 43.4 65.2

119 33.0 26.0 39.0



Abundance



#64

Tetrachloroethene

Concen: 21.37 ug/l

RT: 10.261 min Scan# 888

Delta R.T. 0.029 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Tgt Ion:164 Resp: 300534

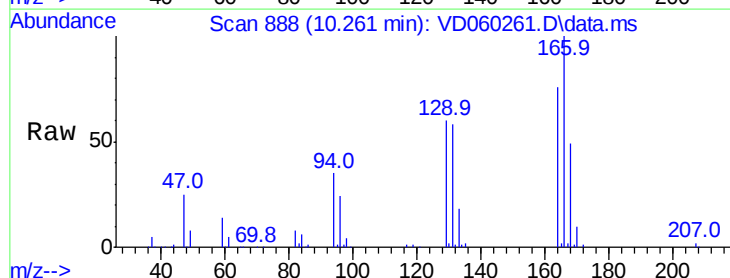
Ion Ratio Lower Upper

164 100

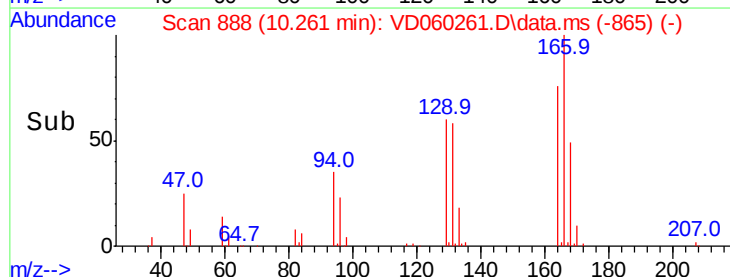
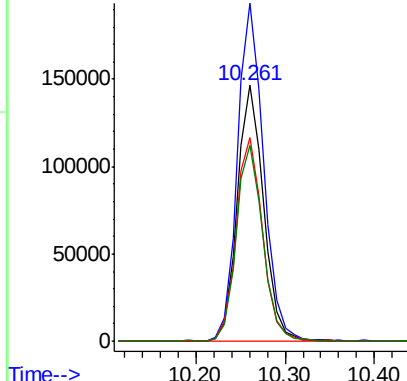
166 132.2 105.4 158.0

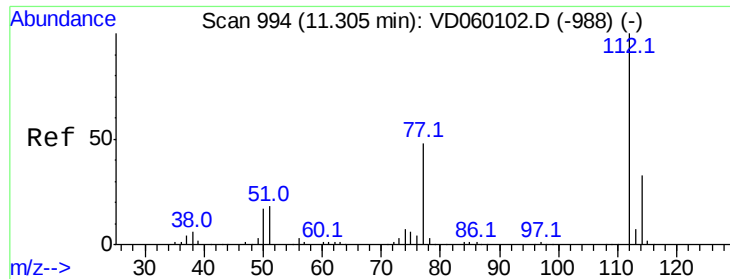
129 79.8 65.7 98.5

131 76.8 62.9 94.3



Abundance





#65

Chlorobenzene

Concen: 21.81 ug/l

RT: 11.324 min Scan# 99

Delta R.T. 0.019 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

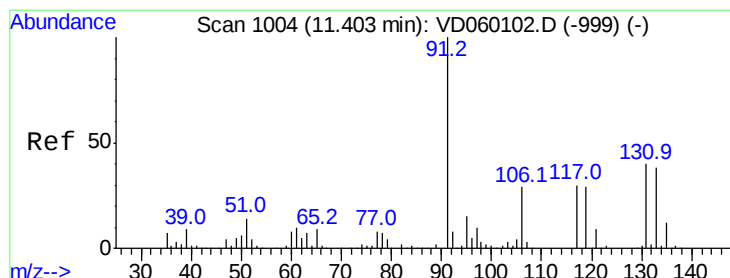
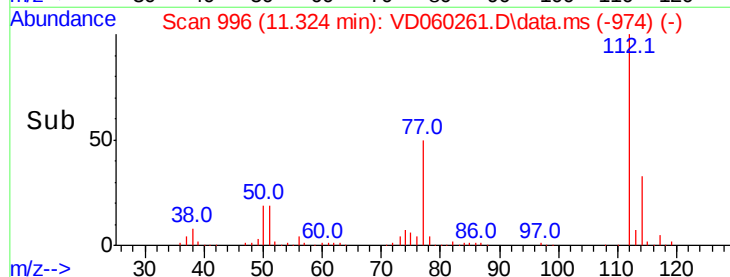
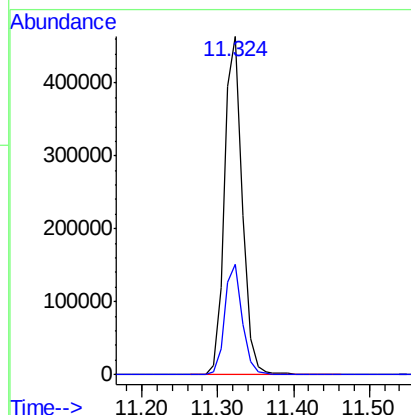
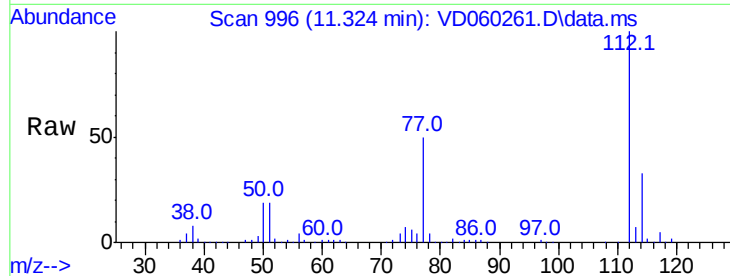
VD1101SBS01

Tot Ion:112 Resp: 757367

Ion Ratio Lower Upper

112 100

114 32.7 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 23.43 ug/l

RT: 11.422 min Scan# 1006

Delta R.T. 0.019 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

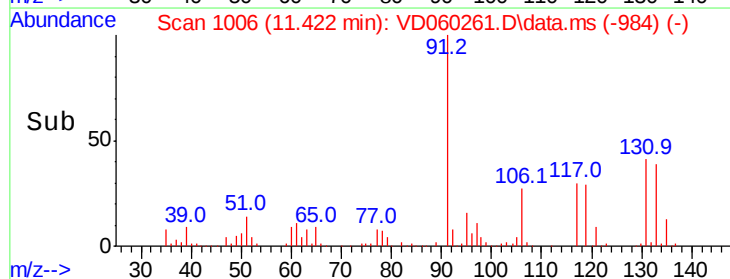
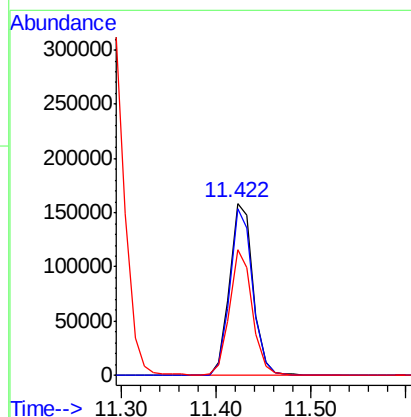
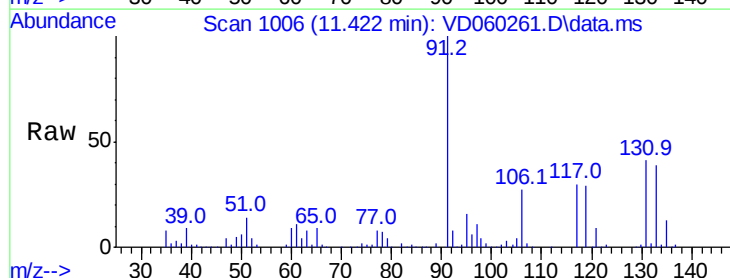
Tgt Ion:131 Resp: 271452

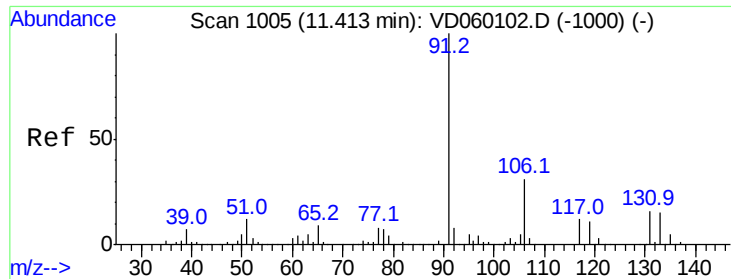
Ion Ratio Lower Upper

131 100

133 96.8 47.4 142.3

119 72.6 36.1 108.3

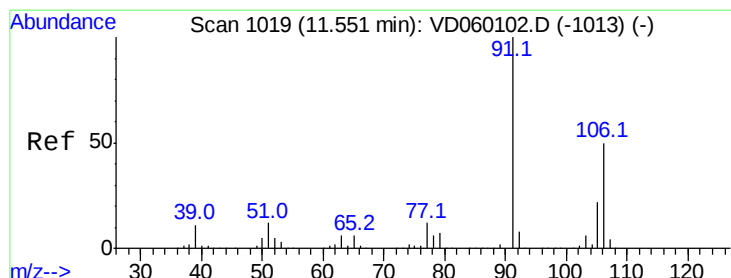
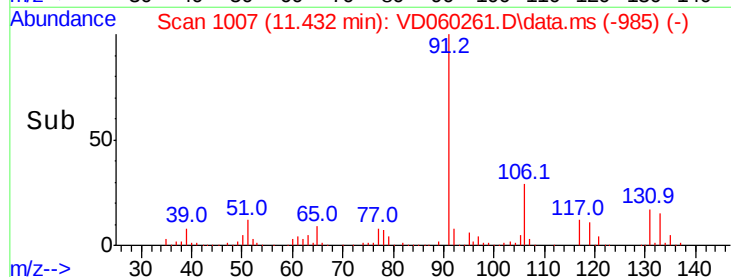
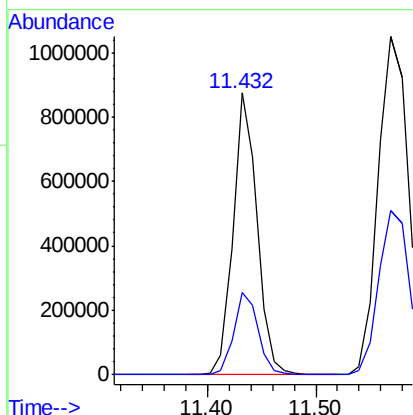
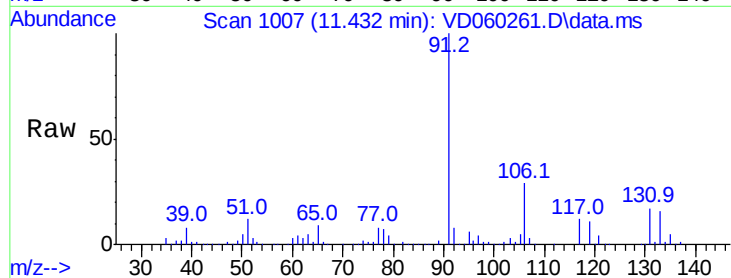




#67
Ethyl Benzene
Concen: 23.85 ug/l
RT: 11.432 min Scan# 1005
Delta R.T. 0.019 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

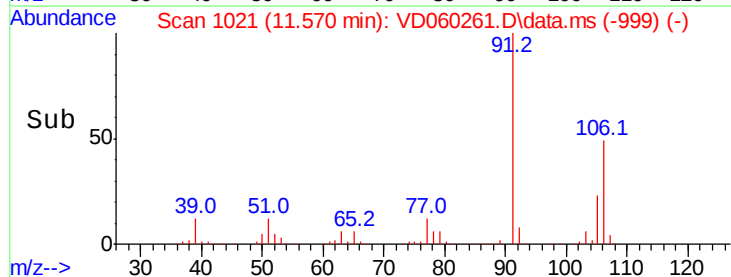
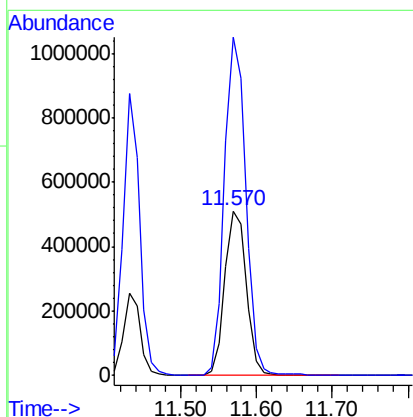
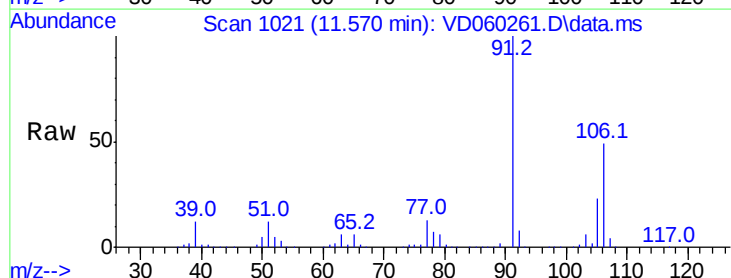
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBS01

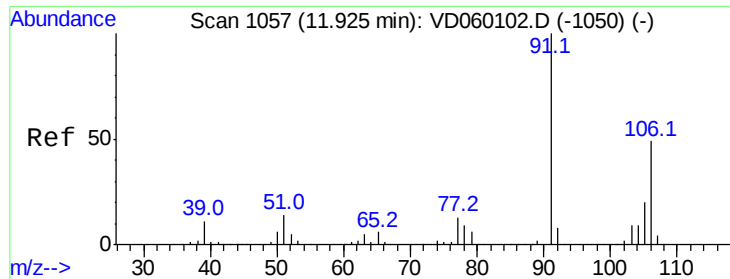
Tot Ion: 91 Resp: 1342207
Ion Ratio Lower Upper
91 100
106 29.0 24.4 36.6



#68
m/p-Xylenes
Concen: 47.63 ug/l
RT: 11.570 min Scan# 1021
Delta R.T. 0.019 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

Tgt Ion: 106 Resp: 1001377
Ion Ratio Lower Upper
106 100
91 205.5 160.0 240.0

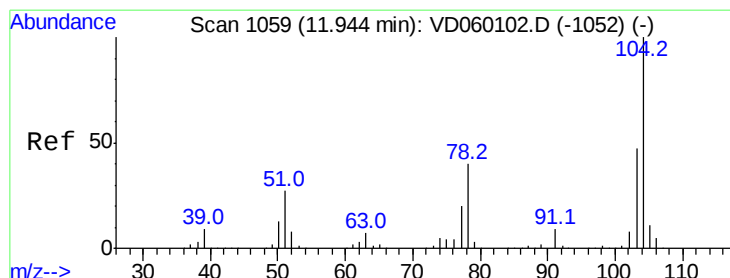
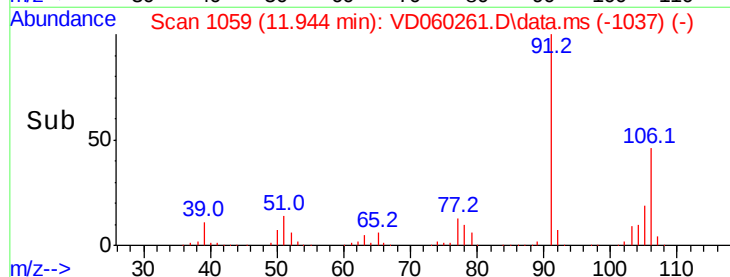
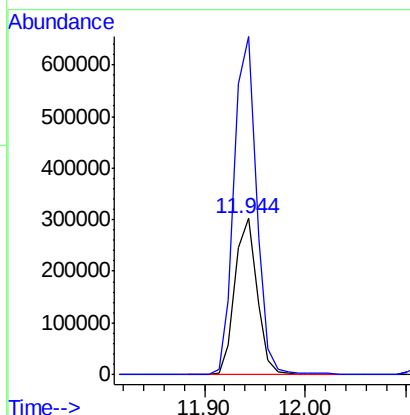
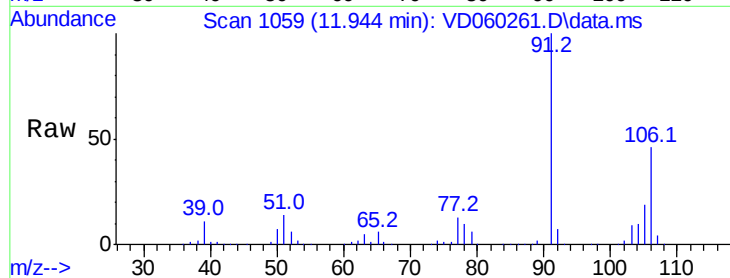




#69
o-Xylene
Concen: 22.23 ug/l
RT: 11.944 min Scan# 1061
Delta R.T. 0.019 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

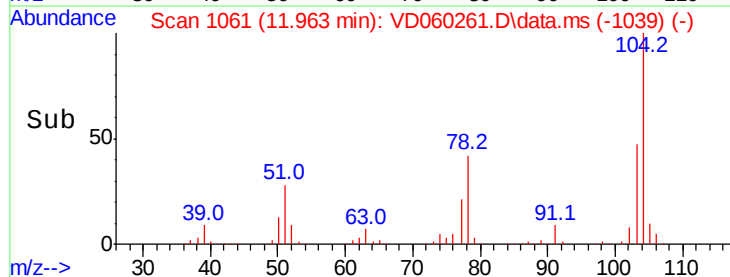
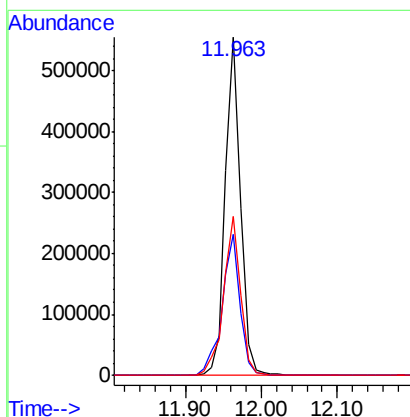
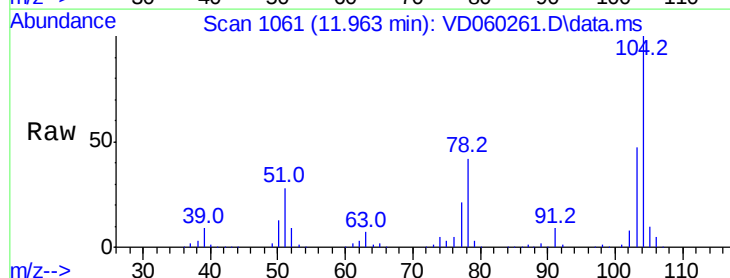
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBS01

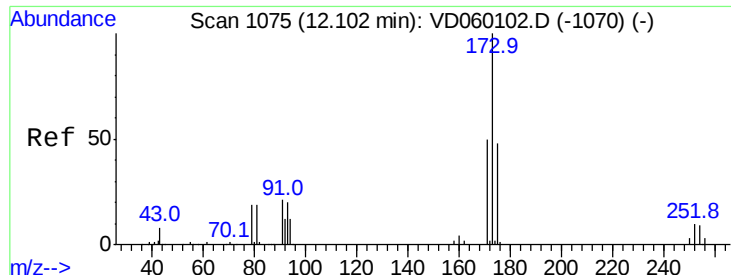
Tot Ion:106 Resp: 462205
Ion Ratio Lower Upper
106 100
91 216.9 102.5 307.5



#70
Styrene
Concen: 22.39 ug/l
RT: 11.963 min Scan# 1061
Delta R.T. 0.019 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

Tgt Ion:104 Resp: 778804
Ion Ratio Lower Upper
104 100
78 41.8 32.2 48.4
103 47.0 37.4 56.0

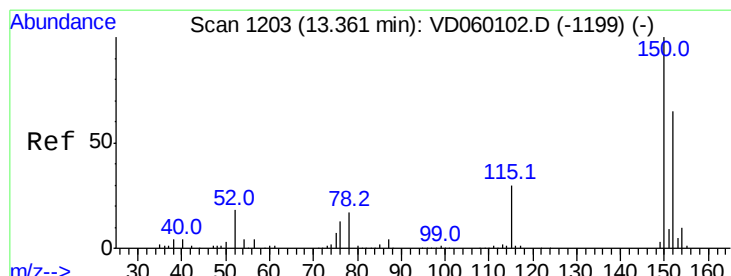
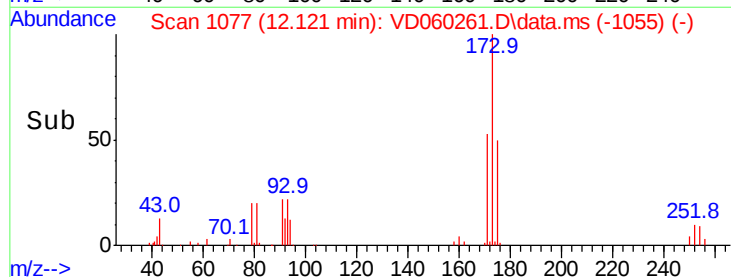
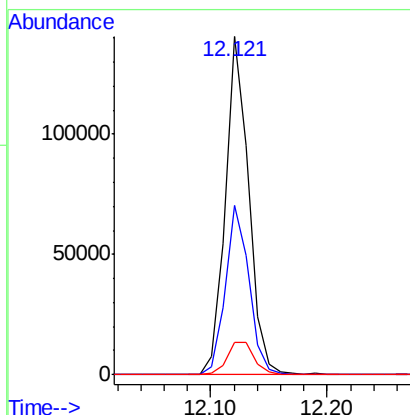
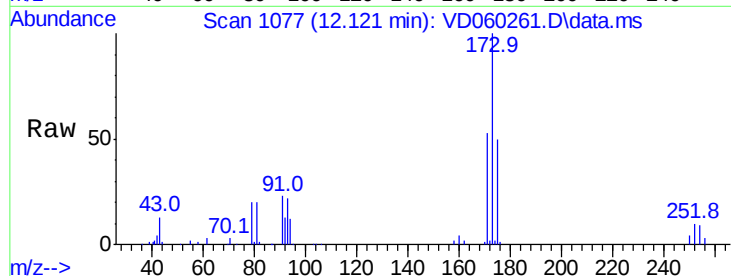




#71
Bromoform
Concen: 20.66 ug/l
RT: 12.121 min Scan# 1075
Delta R.T. 0.019 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

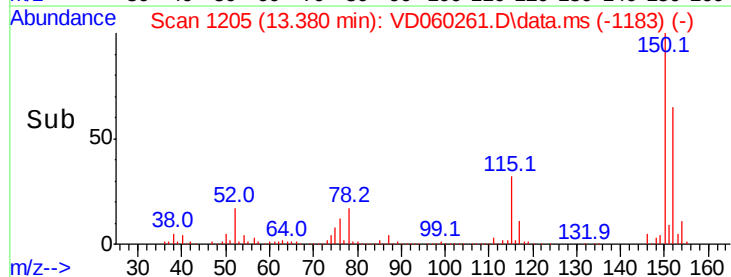
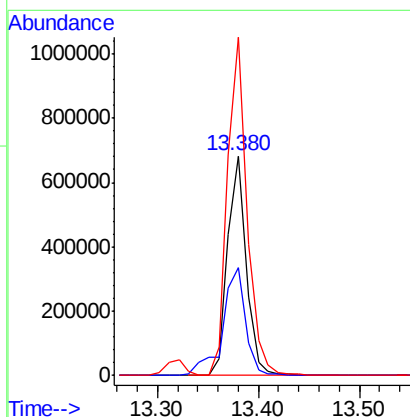
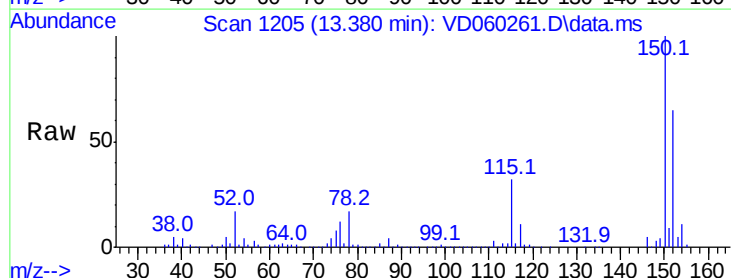
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBS01

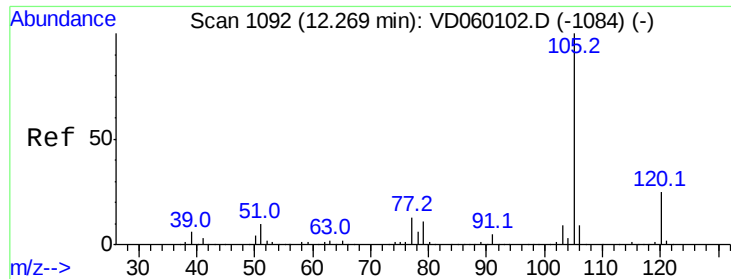
Tot Ion:173 Resp: 193807
Ion Ratio Lower Upper
173 100
175 50.0 24.1 72.4
254 9.4 7.4 11.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.380 min Scan# 1205
Delta R.T. 0.019 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

Tgt Ion:152 Resp: 876829
Ion Ratio Lower Upper
152 100
115 49.3 27.1 81.2
150 154.1 0.0 311.8





#73

Isopropylbenzene

Concen: 22.50 ug/l

RT: 12.278 min Scan# 1092

Delta R.T. 0.009 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

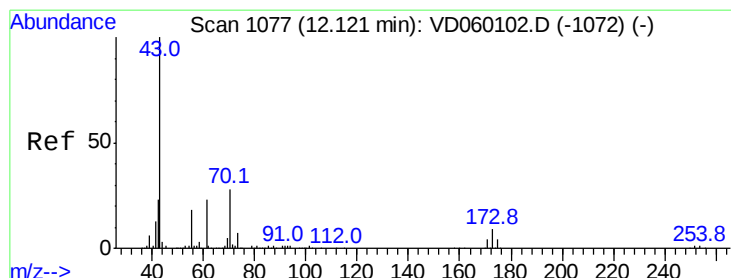
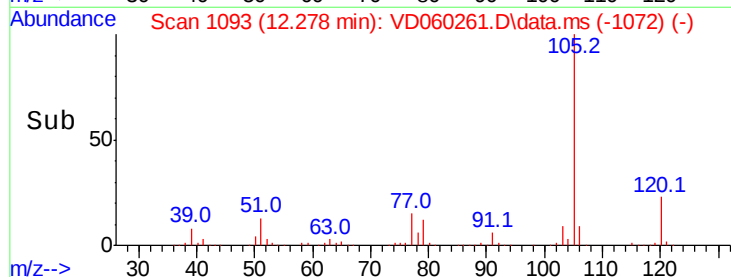
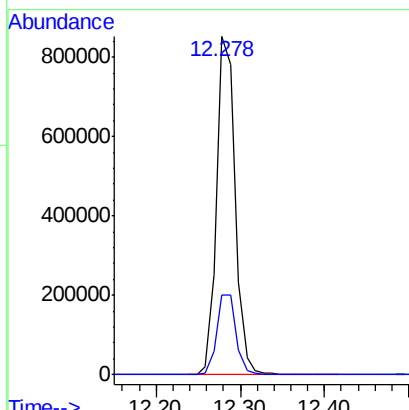
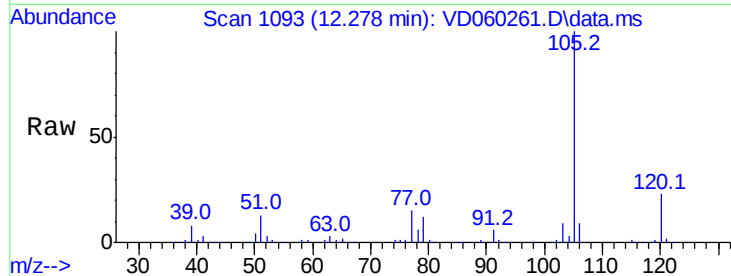
VD1101SBS01

Tot Ion:105 Resp: 1301647

Ion Ratio Lower Upper

105 100

120 23.5 12.6 37.6



#74

N-ethyl acetate

Concen: 21.46 ug/l

RT: 12.140 min Scan# 1079

Delta R.T. 0.019 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Tgt Ion: 43 Resp: 454791

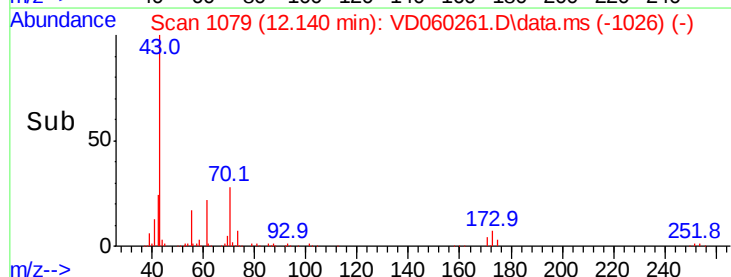
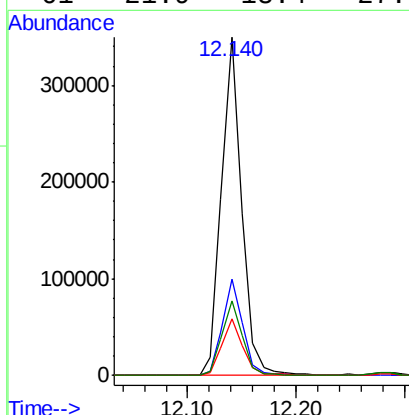
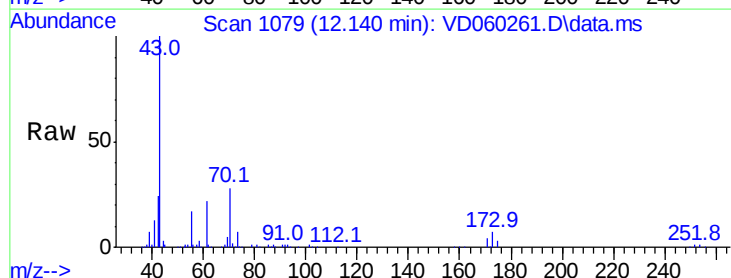
Ion Ratio Lower Upper

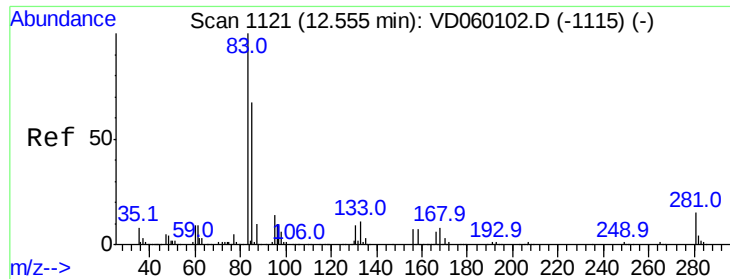
43 100

70 28.4 22.1 33.1

55 16.9 14.1 21.1

61 21.9 18.4 27.6

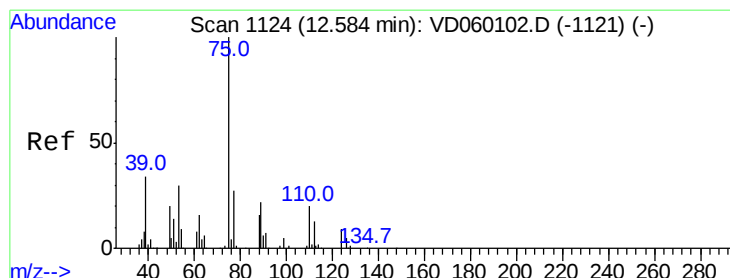
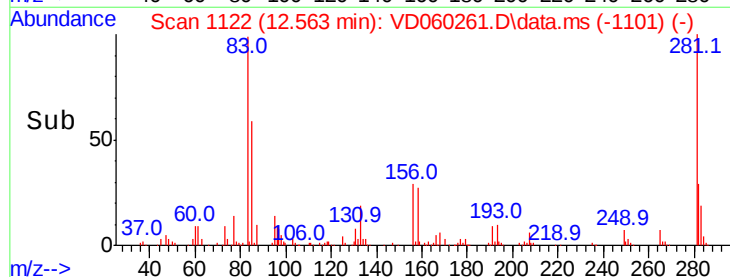
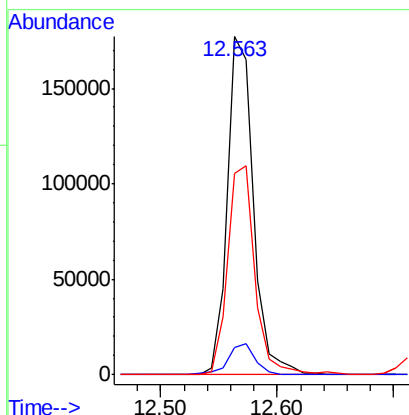
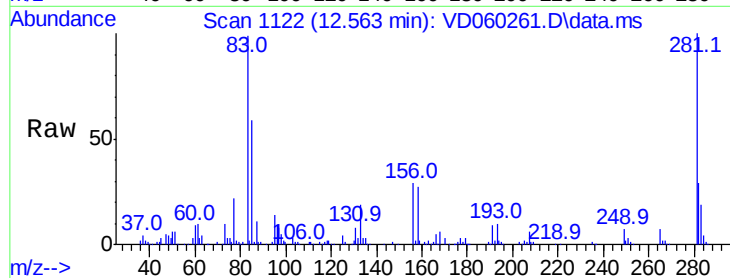




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.59 ug/l
 RT: 12.563 min Scan# 111
 Delta R.T. 0.009 min
 Lab File: VD060261.D
 Acq: 1 Nov 2018 14:41

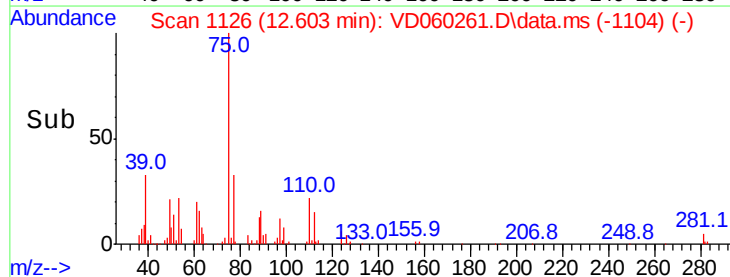
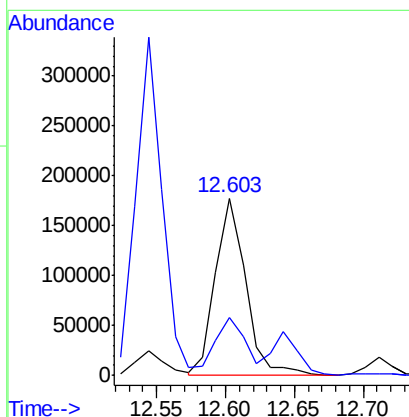
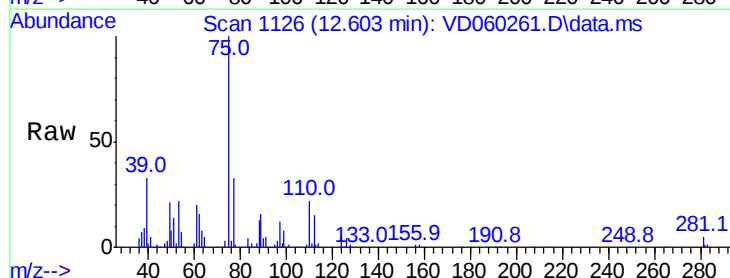
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBS01

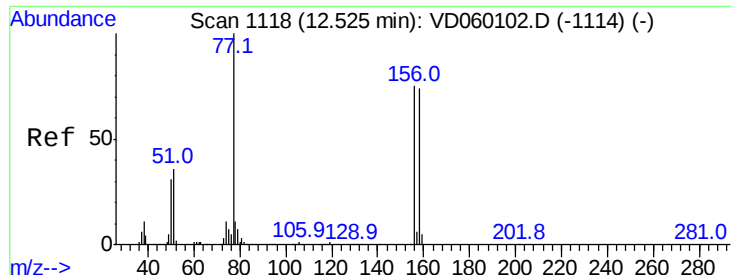
Tot Ion: 83 Resp: 272641
 Ion Ratio Lower Upper
 83 100
 131 8.1 4.5 13.4
 85 59.4 33.3 99.9



#76
 1,2,3-Trichloropropane
 Concen: 21.24 ug/l
 RT: 12.603 min Scan# 1126
 Delta R.T. 0.019 min
 Lab File: VD060261.D
 Acq: 1 Nov 2018 14:41

Tgt Ion: 75 Resp: 268171
 Ion Ratio Lower Upper
 75 100
 77 32.9 16.3 48.9





#77

Bromobenzene

Concen: 21.89 ug/l

RT: 12.544 min Scan# 111

Delta R.T. 0.019 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBS01

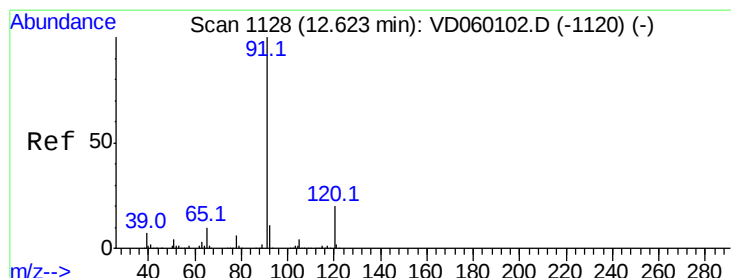
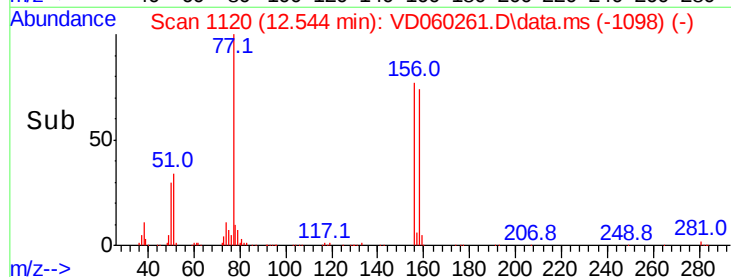
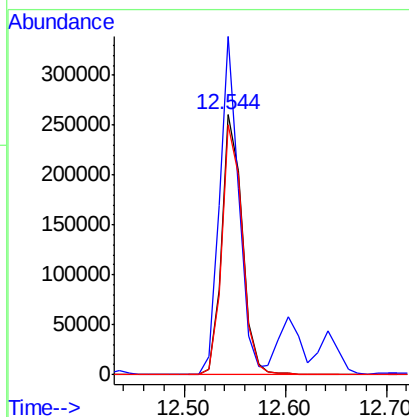
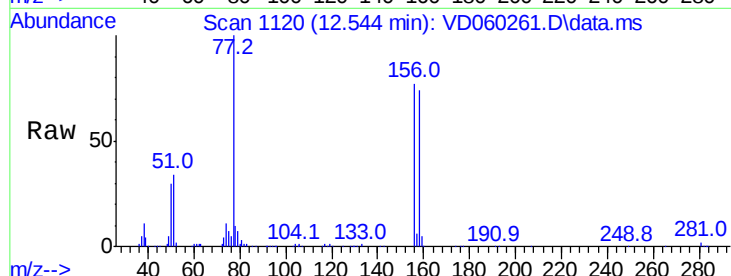
Tot Ion:156 Resp: 367937

Ion Ratio Lower Upper

156 100

77 130.2 66.9 200.7

158 96.0 49.1 147.4



#78

n-propylbenzene

Concen: 22.73 ug/l

RT: 12.642 min Scan# 1130

Delta R.T. 0.019 min

Lab File: VD060261.D

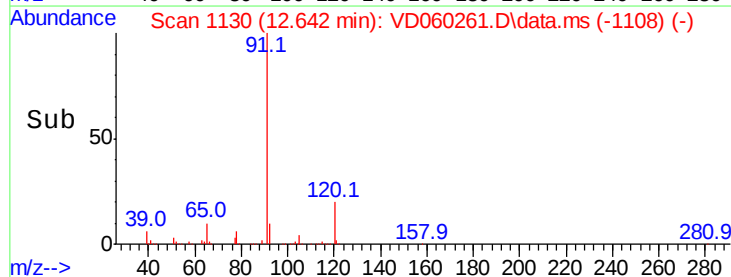
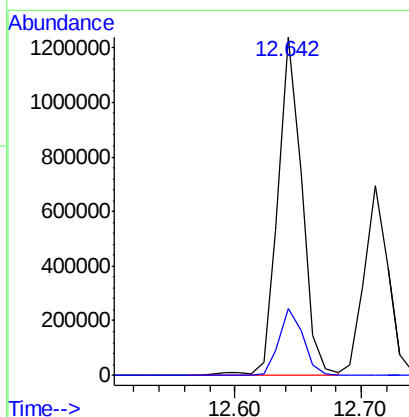
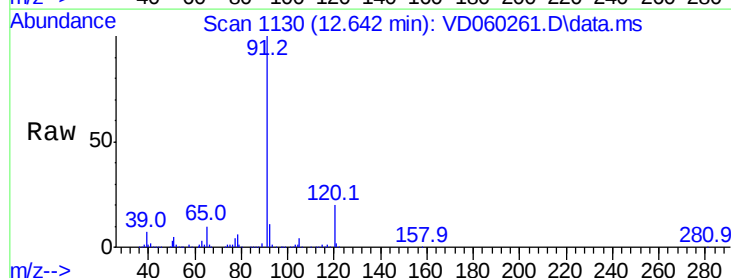
Acq: 1 Nov 2018 14:41

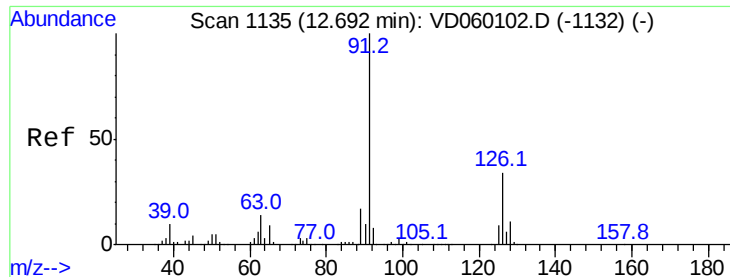
Tgt Ion: 91 Resp: 1632845

Ion Ratio Lower Upper

91 100

120 19.9 10.0 30.0

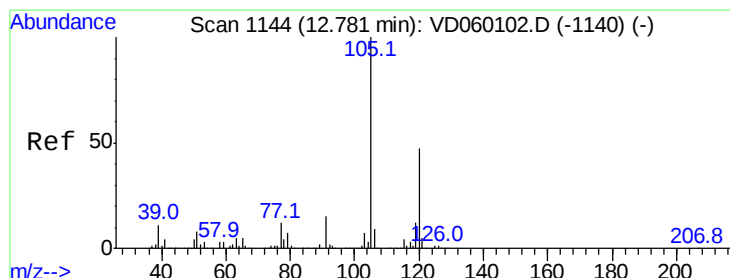
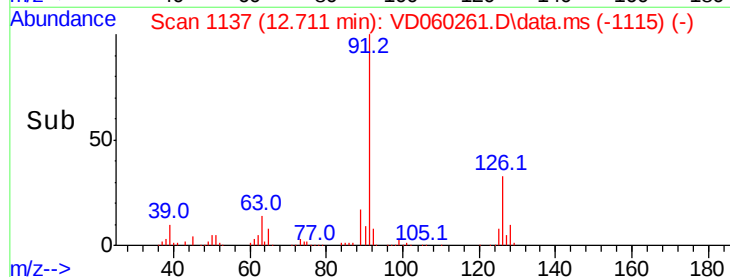
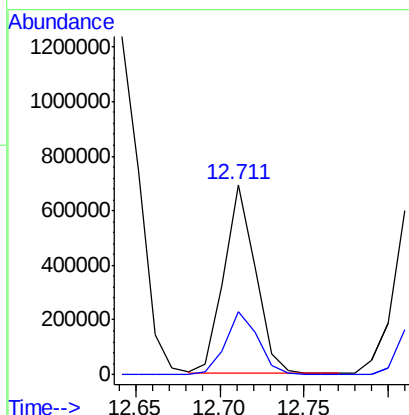
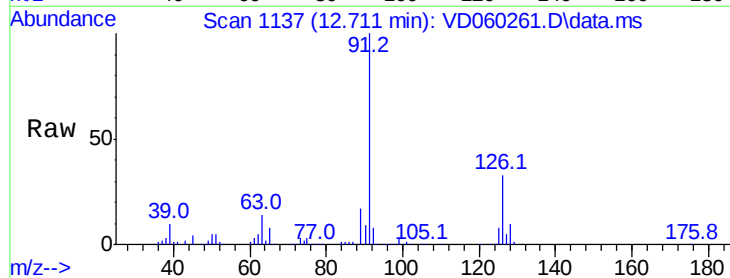




#79
 2-Chlorotoluene
 Concen: 22.55 ug/l
 RT: 12.711 min Scan# 1135
 Delta R.T. 0.019 min
 Lab File: VD060261.D
 Acq: 1 Nov 2018 14:41

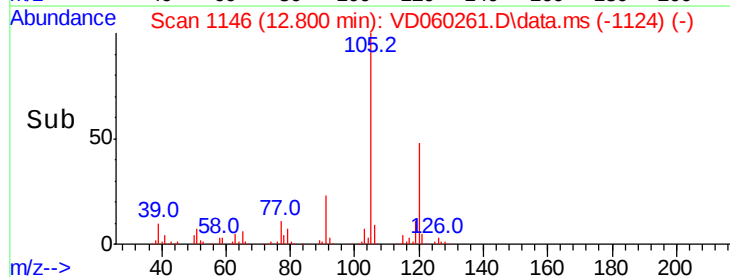
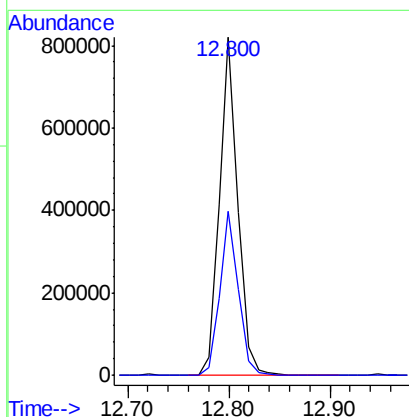
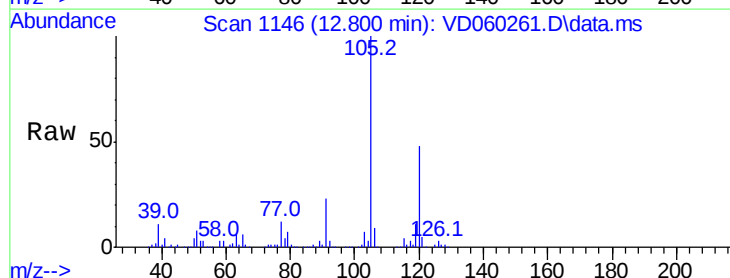
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBS01

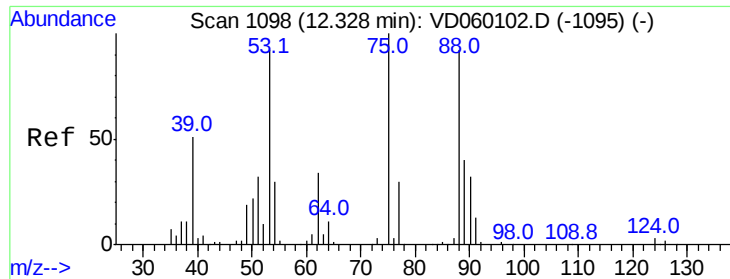
Tot Ion: 91 Resp: 898892
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.8 50.3



#80
 1,3,5-Trimethylbenzene
 Concen: 23.24 ug/l
 RT: 12.800 min Scan# 1146
 Delta R.T. 0.019 min
 Lab File: VD060261.D
 Acq: 1 Nov 2018 14:41

Tgt Ion: 105 Resp: 1040430
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 20.46 ug/l

RT: 12.347 min Scan# 111

Delta R.T. 0.019 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBS01

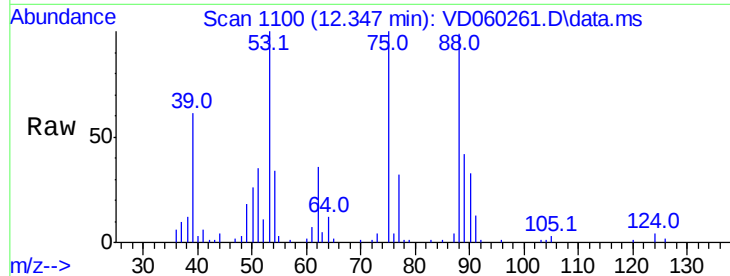
Tot Ion: 75 Resp: 72601

Ion Ratio Lower Upper

75 100

53 100.4 73.0 109.6

89 41.9 32.0 48.0



Abundance

200000

150000

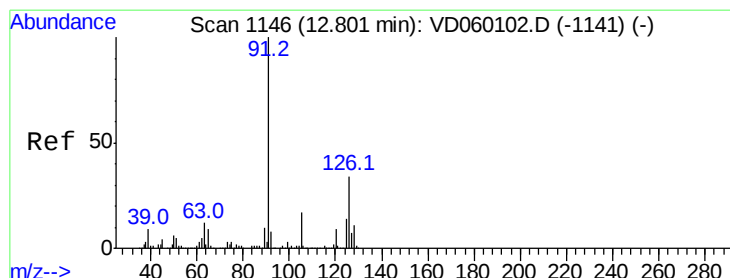
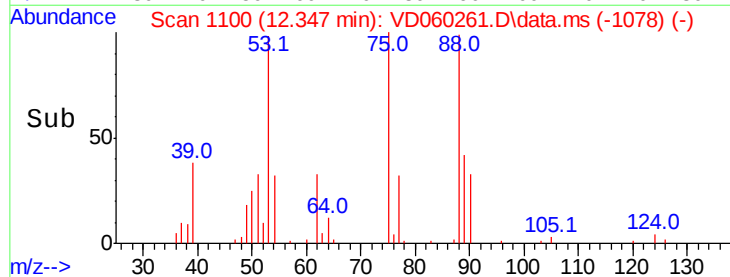
100000

50000

0

12.347

Time-->



#82

4-Chlorotoluene

Concen: 23.29 ug/l

RT: 12.819 min Scan# 1148

Delta R.T. 0.019 min

Lab File: VD060261.D

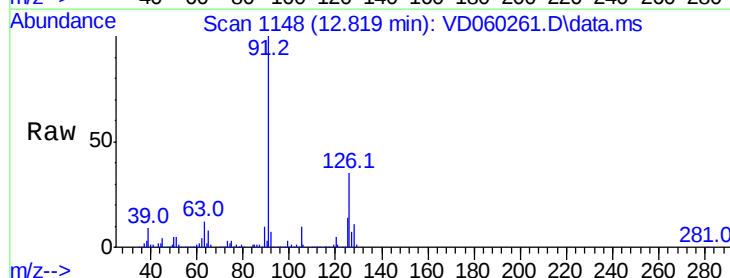
Acq: 1 Nov 2018 14:41

Tgt Ion: 91 Resp: 1050349

Ion Ratio Lower Upper

91 100

126 35.2 17.1 51.2



Abundance

600000

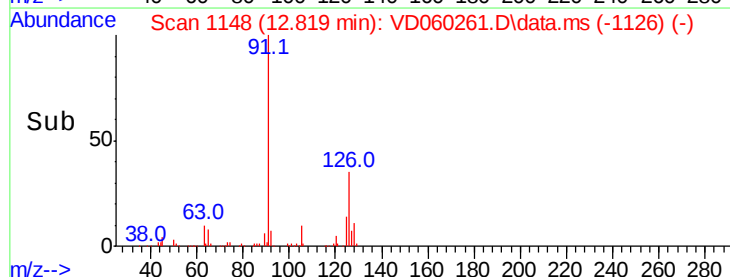
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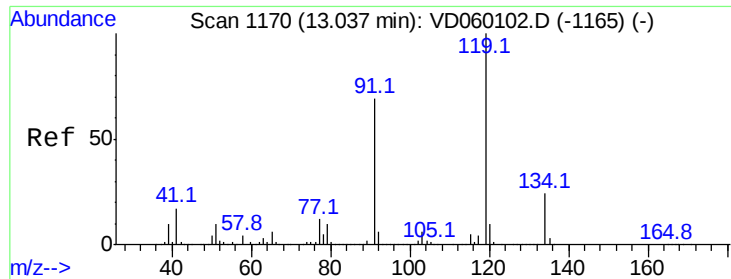
200000

0

12.819

Time-->

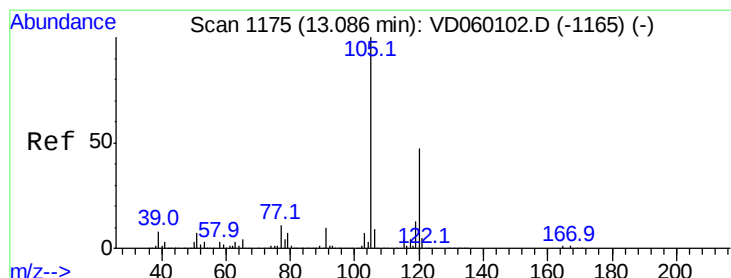
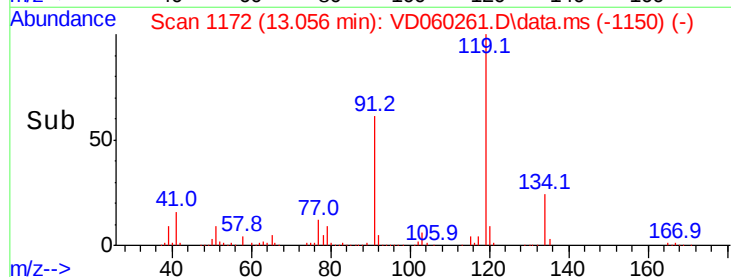
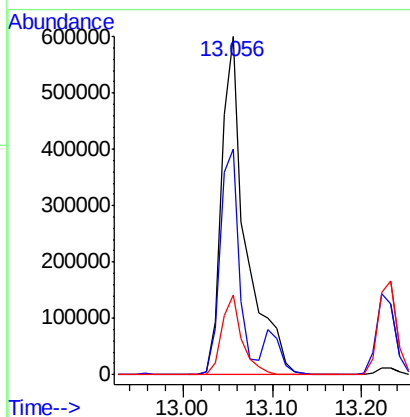
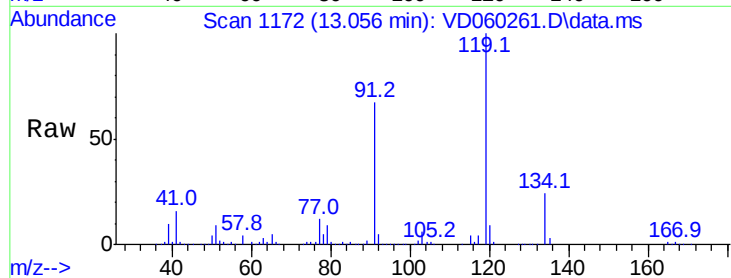




#83
tert-Butylbenzene
Concen: 22.30 ug/l
RT: 13.056 min Scan# 1170
Delta R.T. 0.019 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

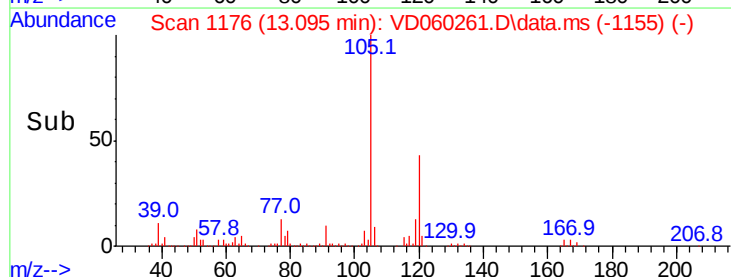
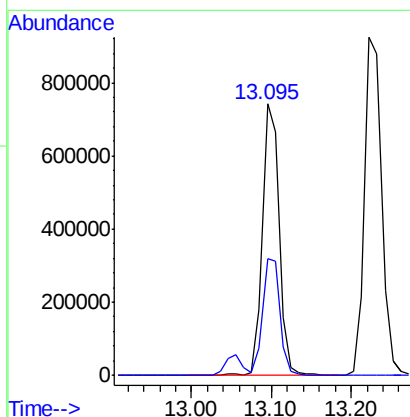
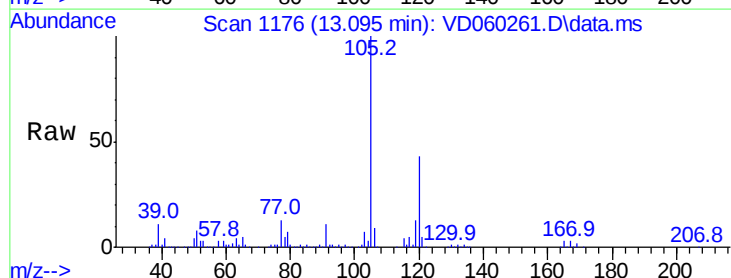
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBS01

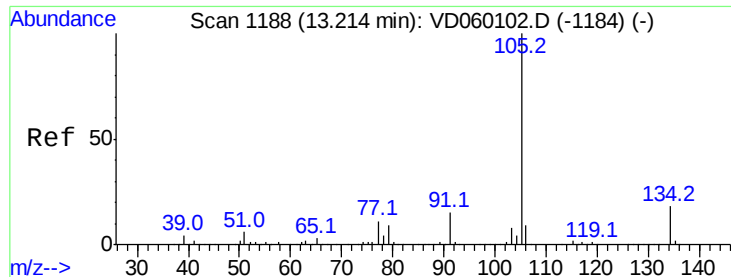
Tot Ion:119 Resp: 1145886
Ion Ratio Lower Upper
119 100
91 66.7 34.8 104.4
134 23.5 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 22.55 ug/l
RT: 13.095 min Scan# 1176
Delta R.T. 0.009 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

Tgt Ion:105 Resp: 1063833
Ion Ratio Lower Upper
105 100
120 43.1 23.4 70.0

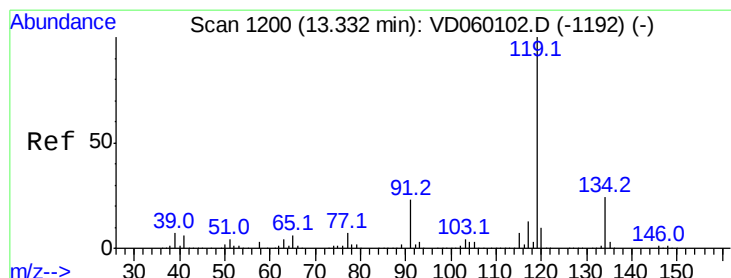
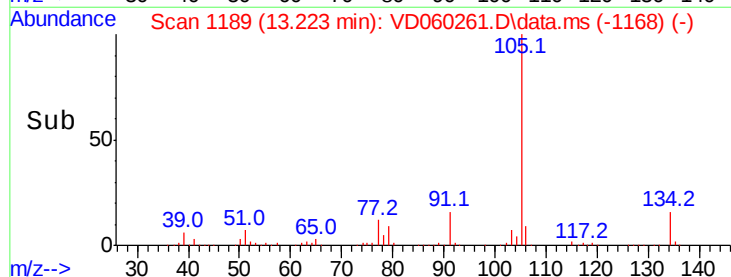
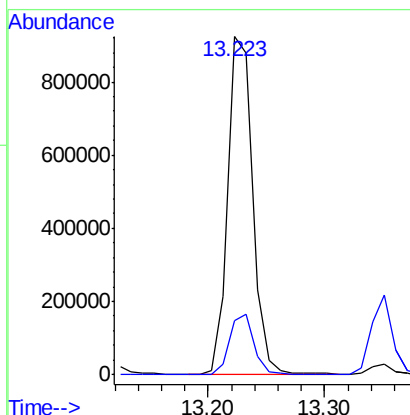
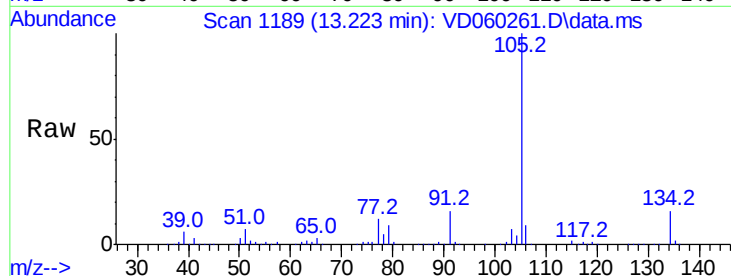




#85
 sec-Butylbenzene
 Concen: 22.45 ug/l
 RT: 13.223 min Scan# 1188
 Delta R.T. 0.009 min
 Lab File: VD060261.D
 Acq: 1 Nov 2018 14:41

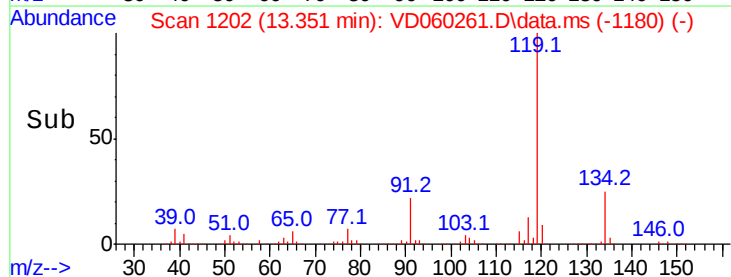
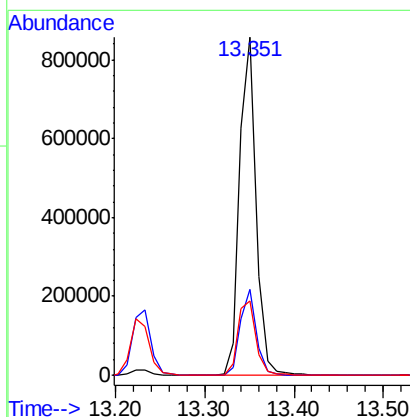
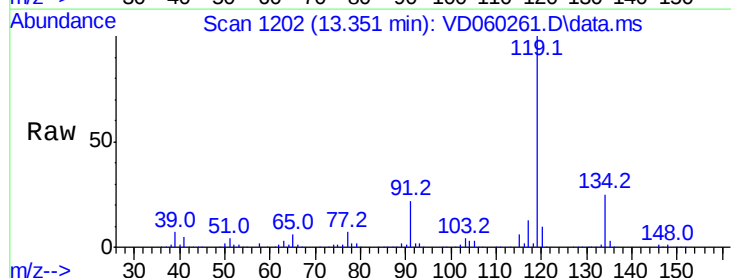
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBS01

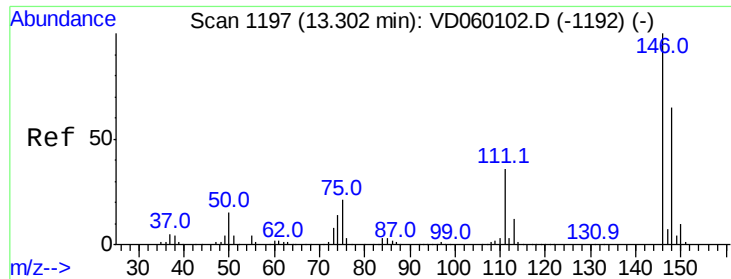
Tot Ion:105 Resp: 1363664
 Ion Ratio Lower Upper
 105 100
 134 15.8 8.8 26.2



#86
 p-Isopropyltoluene
 Concen: 22.23 ug/l
 RT: 13.351 min Scan# 1202
 Delta R.T. 0.019 min
 Lab File: VD060261.D
 Acq: 1 Nov 2018 14:41

Tgt Ion:119 Resp: 1107721
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.3 36.8
 91 22.1 11.8 35.4

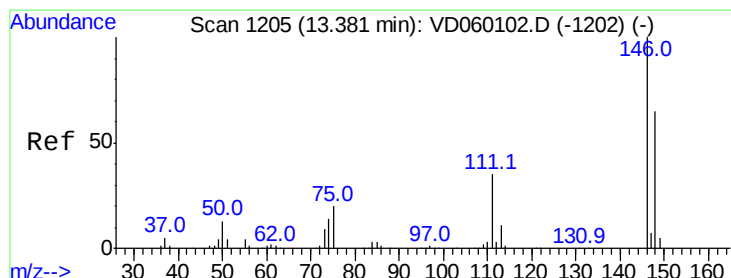
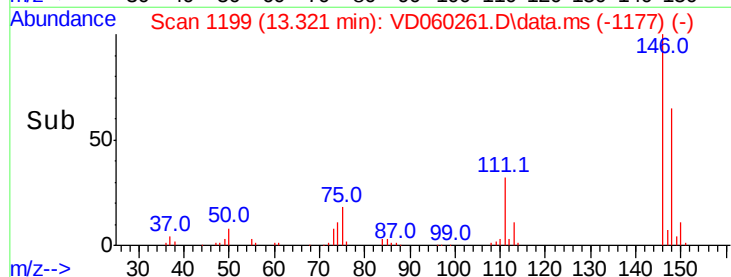
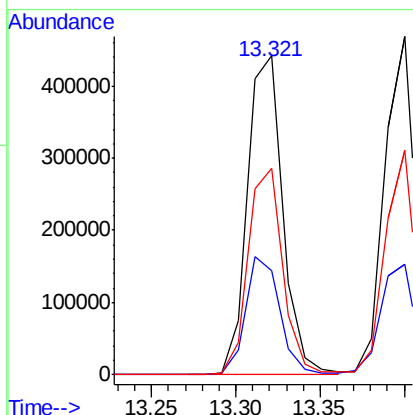
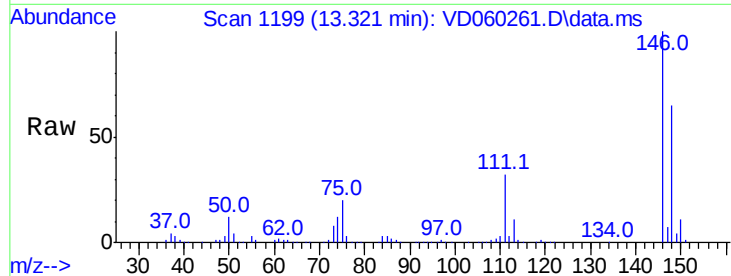




#87
 1,3-Dichlorobenzene
 Concen: 21.97 ug/l
 RT: 13.321 min Scan# 111
 Delta R.T. 0.019 min
 Lab File: VD060261.D
 Acq: 1 Nov 2018 14:41

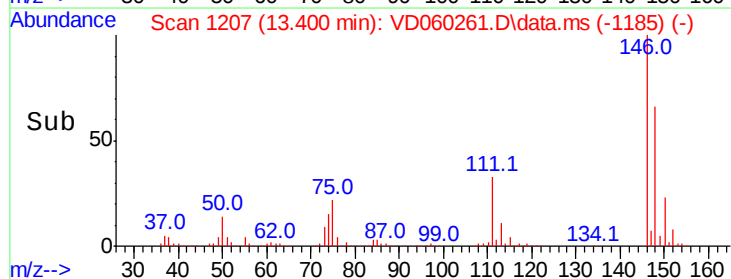
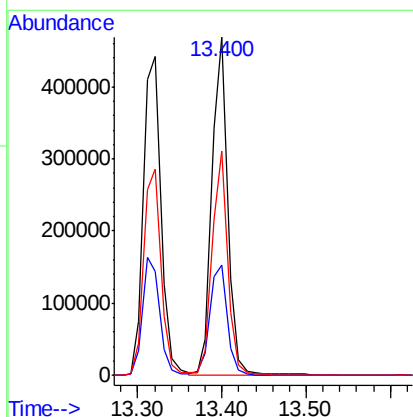
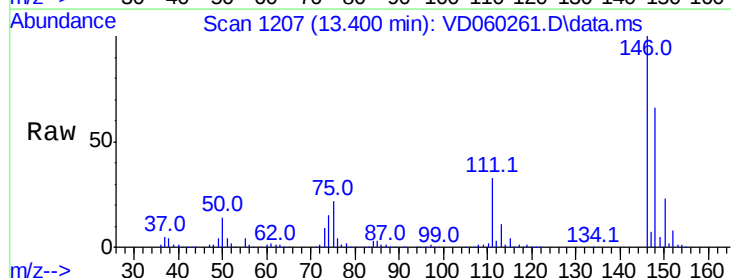
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBS01

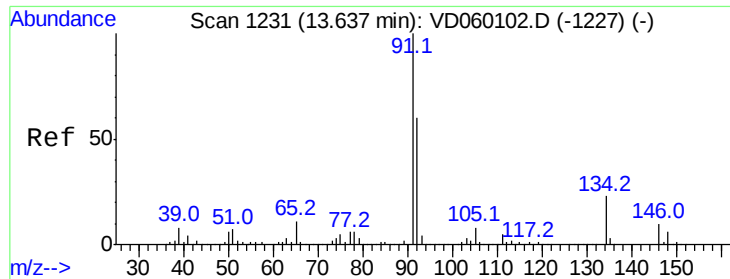
Tot Ion	Ratio	Lower	Upper
146	100		
111	32.4	18.1	54.3
148	64.7	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 20.78 ug/l
 RT: 13.400 min Scan# 1207
 Delta R.T. 0.019 min
 Lab File: VD060261.D
 Acq: 1 Nov 2018 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	32.5	17.8	53.3
148	66.2	32.4	97.2





#89

n-Butylbenzene

Concen: 24.47 ug/l

RT: 13.656 min Scan# 1231

Delta R.T. 0.019 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBS01

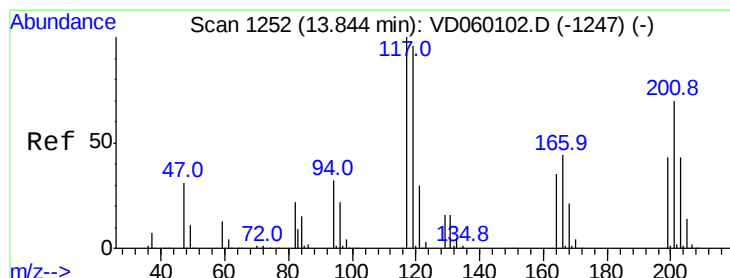
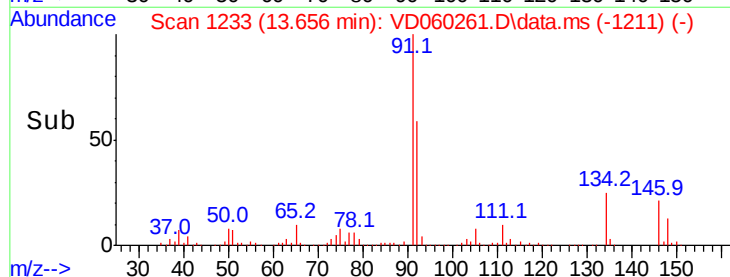
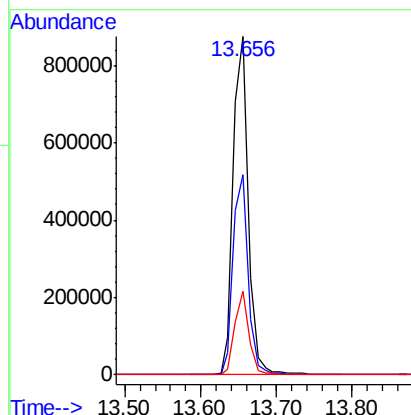
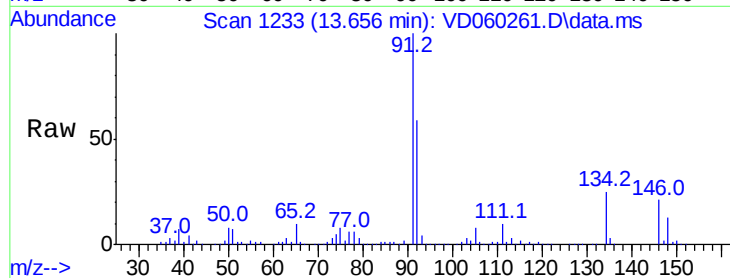
Tot Ion: 91 Resp: 1189805

Ion	Ratio	Lower	Upper
91	100		
92	59.2	30.1	90.3
134	24.8	11.6	34.7

91 100

92 59.2 30.1 90.3

134 24.8 11.6 34.7



#90

Hexachloroethane

Concen: 22.45 ug/l

RT: 13.862 min Scan# 1254

Delta R.T. 0.019 min

Lab File: VD060261.D

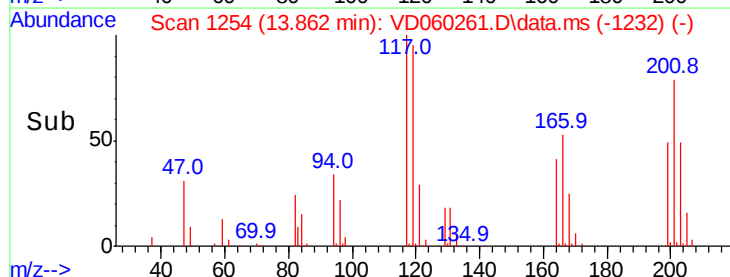
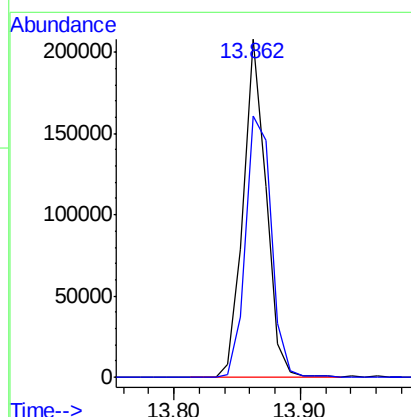
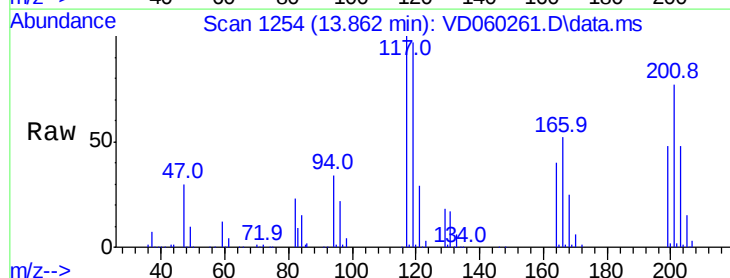
Acq: 1 Nov 2018 14:41

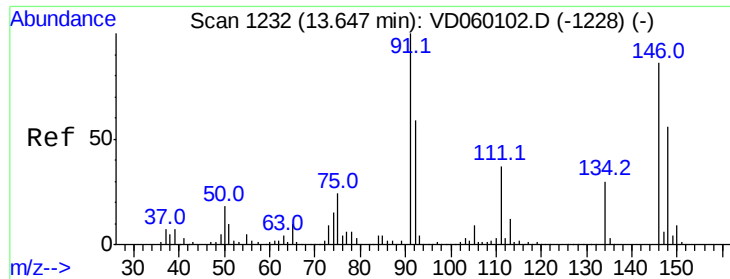
Tgt Ion: 117 Resp: 258823

Ion	Ratio	Lower	Upper
117	100		
201	77.5	34.8	104.5

117 100

201 77.5 34.8 104.5

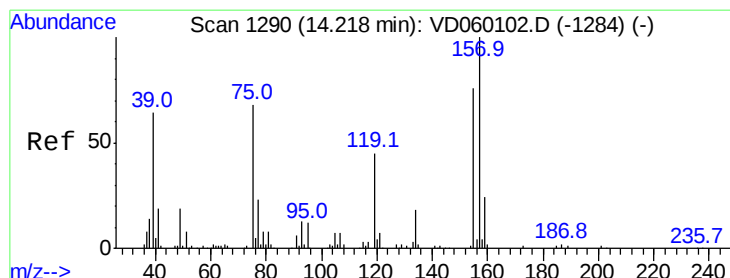
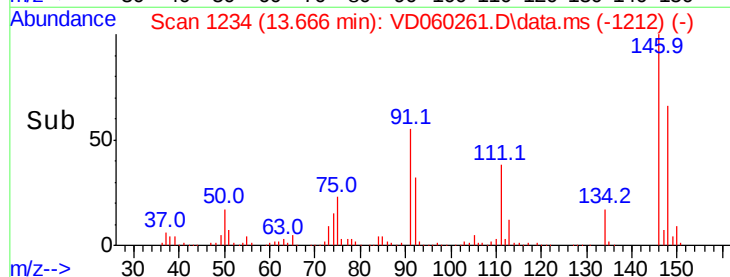
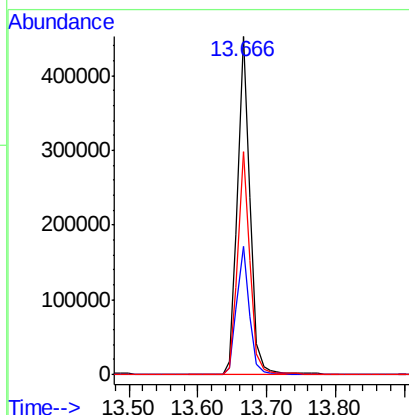
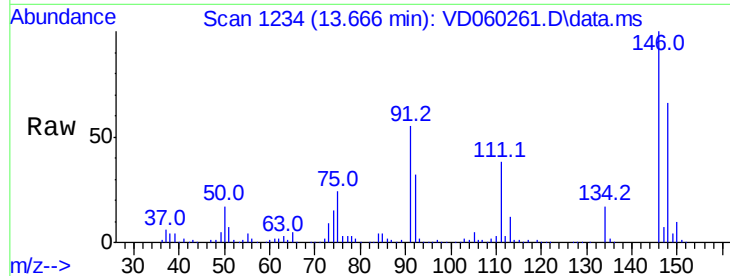




#91
 1,2-Dichlorobenzene
 Concen: 23.01 ug/l
 RT: 13.666 min Scan# 1232
 Delta R.T. 0.019 min
 Lab File: VD060261.D
 Acq: 1 Nov 2018 14:41

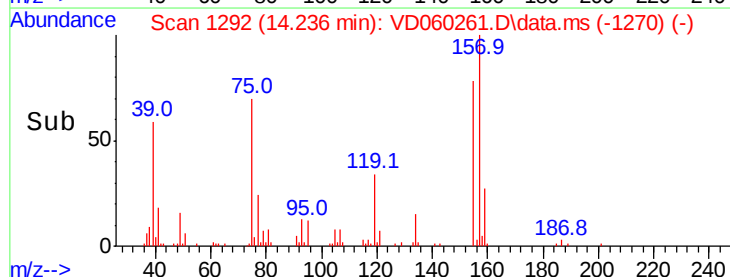
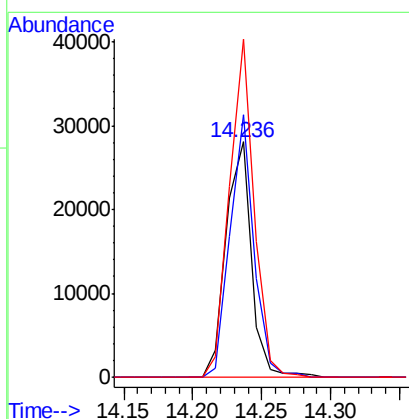
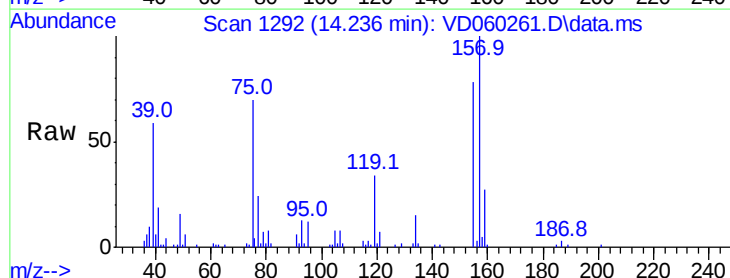
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBS01

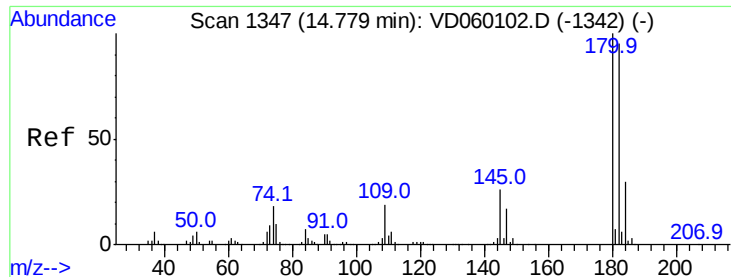
Tot Ion:146 Resp: 566649
 Ion Ratio Lower Upper
 146 100
 111 37.8 21.4 64.3
 148 65.9 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.33 ug/l
 RT: 14.236 min Scan# 1292
 Delta R.T. 0.019 min
 Lab File: VD060261.D
 Acq: 1 Nov 2018 14:41

Tgt Ion: 75 Resp: 35967
 Ion Ratio Lower Upper
 75 100
 155 111.3 55.9 167.7
 157 143.6 73.3 219.8

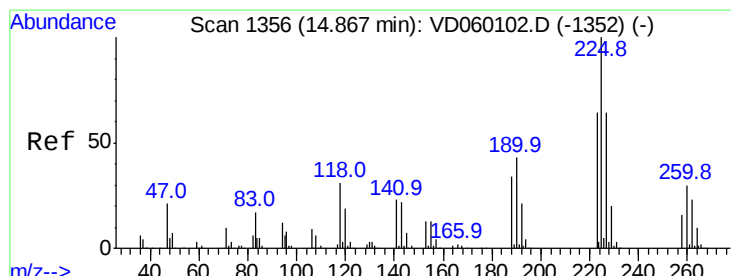
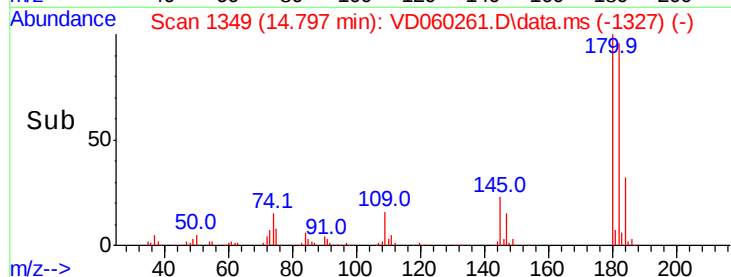
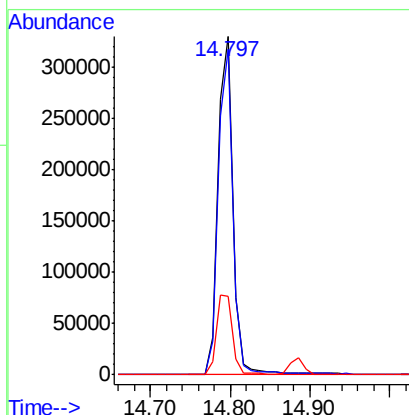
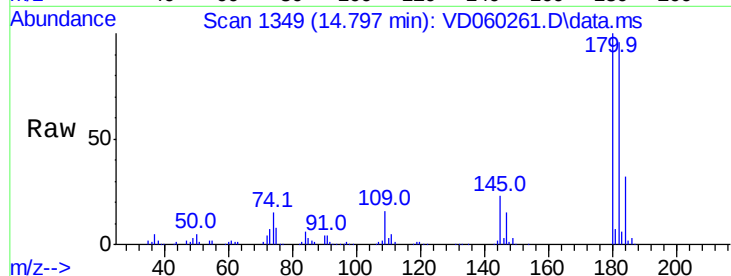




#93
1,2,4-Trichlorobenzene
Concen: 21.00 ug/l
RT: 14.797 min Scan# 1347
Delta R.T. 0.019 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

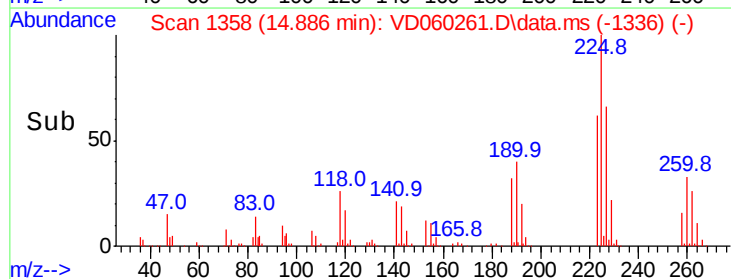
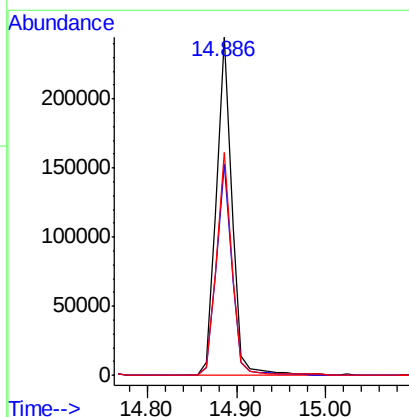
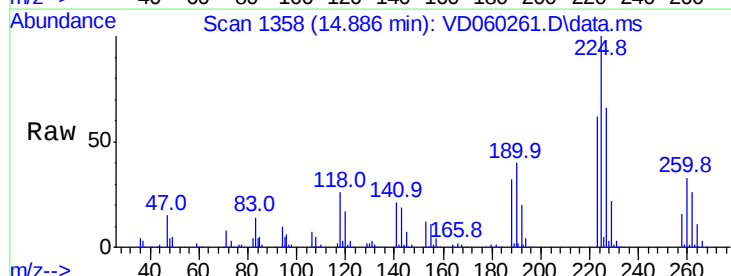
Instrument :
MSVOA_D
ClientSampleId :
VD1101SBS01

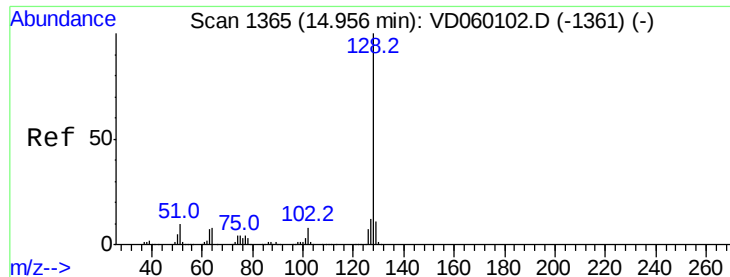
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.3	141.8
145	23.0	13.0	38.9



#94
Hexachlorobutadiene
Concen: 21.60 ug/l
RT: 14.886 min Scan# 1358
Delta R.T. 0.019 min
Lab File: VD060261.D
Acq: 1 Nov 2018 14:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.8	95.4
227	65.8	32.0	96.0





#95

Naphthalene

Concen: 20.38 ug/l

RT: 14.974 min Scan# 1365

Delta R.T. 0.019 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Instrument :

MSVOA_D

ClientSampleId :

VD1101SBS01

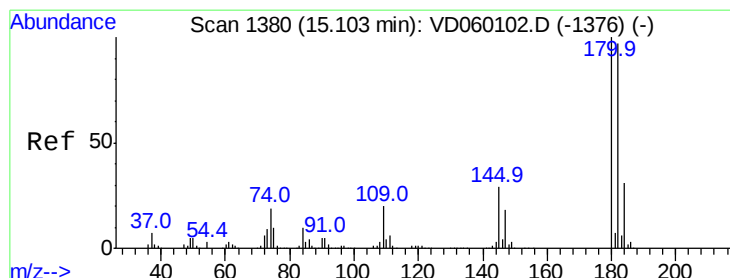
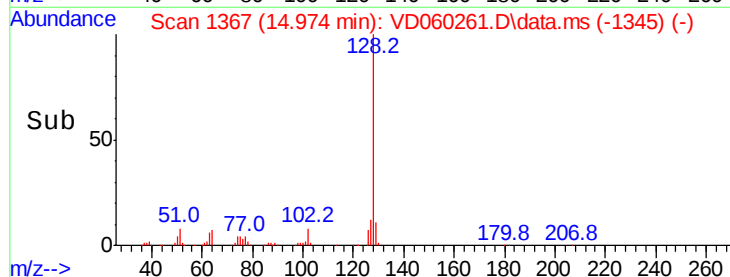
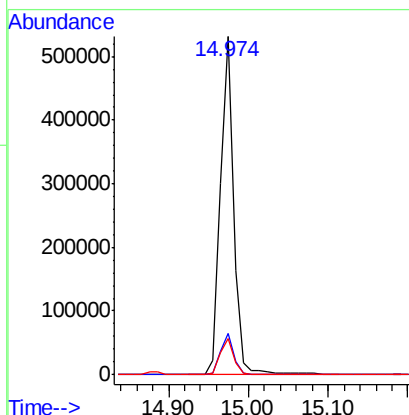
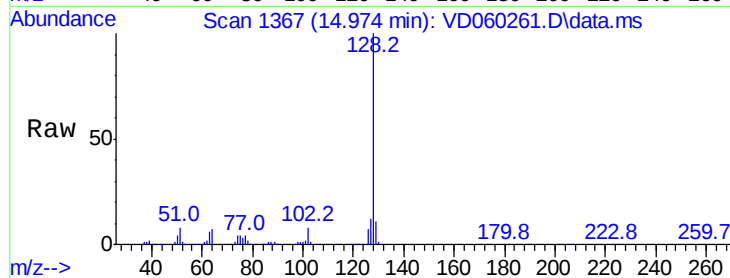
Tot Ion:128 Resp: 631340

Ion Ratio Lower Upper

128 100

127 12.2 9.9 14.9

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.55 ug/l

RT: 15.122 min Scan# 1382

Delta R.T. 0.019 min

Lab File: VD060261.D

Acq: 1 Nov 2018 14:41

Tgt Ion:180 Resp: 373601

Ion Ratio Lower Upper

180 100

182 99.2 48.4 145.0

145 26.3 14.5 43.6

