

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101019\
 Data File : VD063914.D
 Acq On : 10 Oct 2019 17:06
 Operator : VA/SY
 Sample : K5292-02
 Misc : 4.90G/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190853-COMPOSITE-E

Quant Time: Oct 11 07:40:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	602	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.86	114	2078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.59	152	554	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	664	113.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	226.58%	
35) Dibromofluoromethane	7.91	113	519	40.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.74%	
50) Toluene-d8	10.34	98	2566	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.63	95	819	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.16	85	57	13.351	ug/l #	47
3) Chloromethane	2.20	50	86	3.372	ug/l #	40
4) Vinyl Chloride	2.16	62	115	8.334	ug/l #	43
5) Bromomethane	2.64	94	64	7.215	ug/l	100
6) Chloroethane	2.89	64	156	17.095	ug/l #	46
7) Trichlorofluoromethane	3.53	101	59	3.234	ug/l #	18
8) Diethyl Ether	3.96	74	55	18.783	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	3.91	101	121	23.961	ug/l #	16
10) Methyl Iodide	4.15	142	138	19.832	ug/l #	40
11) Tert butyl alcohol	5.28	59	56	133.807	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	62	12.289	ug/l #	1
13) Acrolein	3.92	56	81	154.739	ug/l #	5
14) Allyl chloride	4.70	41	58	6.915	ug/l #	1
15) Acrylonitrile	5.39	53	57	44.152	ug/l #	17
16) Acetone	4.15	43	407	266.725	ug/l #	42
17) Carbon Disulfide	4.43	76	58	3.162	ug/l #	79
18) Methyl Acetate	4.71	43	54	18.093	ug/l #	49
19) Methyl tert-butyl Ether	5.38	73	55	4.210	ug/l #	53
20) Methylene Chloride	5.02	84	54	5.284	ug/l #	7
21) trans-1,2-Dichloroethene	5.44	96	59	9.394	ug/l #	1
22) Diisopropyl ether	6.40	45	61	3.561	ug/l #	38
23) Vinyl Acetate	6.30	43	58	5.691	ug/l #	71
24) 1,1-Dichloroethane	6.38	63	115	10.898	ug/l #	82
25) 2-Butanone	7.23	43	62	34.285	ug/l #	51
26) 2,2-Dichloropropane	6.98	77	55	5.762	ug/l #	53
27) cis-1,2-Dichloroethene	7.34	96	58	8.159	ug/l #	59
28) Bromochloromethane	7.50	49	108	27.781	ug/l #	10
29) Tetrahydrofuran	7.57	42	66	62.529	ug/l #	31
30) Chloroform	7.94	83	64	5.584	ug/l #	20
32) 1,1,1-Trichloroethane	7.79	97	60	6.103	ug/l #	1
36) 1,1-Dichloropropene	8.36	75	154	8.105	ug/l #	52
37) Ethyl Acetate	7.28	43	159	18.345	ug/l #	68
38) Carbon Tetrachloride	8.16	117	62	3.229	ug/l #	15
39) Methylcyclohexane	9.15	83	55	2.354	ug/l #	44

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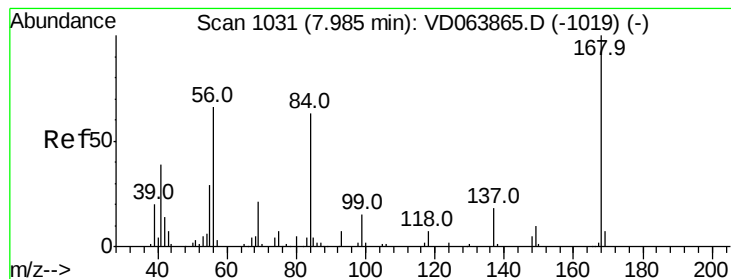
Instrument :
 MSVOA_D
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Quant Time: Oct 11 07:40:09 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

40) Benzene	8.41	78	70	1.286	ug/l #	52
41) Methacrylonitrile	7.54	41	73	16.572	ug/l #	4
42) 1,2-Dichloroethane	8.42	62	162	10.286	ug/l #	73
43) Isopropyl Acetate	8.48	43	71	4.456	ug/l #	16
45) 1,2-Dichloropropane	9.30	63	79	5.928	ug/l #	41
46) Dibromomethane	9.20	93	63	8.301	ug/l #	3
47) Bromodichloromethane	9.91	83	56	2.866	ug/l #	26
48) Methyl methacrylate	9.45	41	88	11.527	ug/l #	49
49) 1,4-Dioxane	9.50	88	121	1167.951	ug/l #	24
51) 4-Methyl-2-Pentanone	10.18	43	205	24.808	ug/l #	34
52) Toluene	10.64	92	63	1.686	ug/l #	1
53) t-1,3-Dichloropropene	10.75	75	137	7.185	ug/l #	46
54) cis-1,3-Dichloropropene	10.11	75	72	3.280	ug/l #	1
55) 1,1,2-Trichloroethane	10.79	97	70	6.532	ug/l #	14
56) Ethyl methacrylate	10.67	69	54	3.979	ug/l #	1
57) 1,3-Dichloropropane	11.13	76	73	3.981	ug/l #	1
59) 2-Hexanone	10.76	43	107	17.900	ug/l	91
61) 1,2-Dibromoethane	11.18	107	69	6.642	ug/l #	3
65) Chlorobenzene	11.51	112	65	1.747	ug/l #	43
69) o-Xylene	12.43	106	71	2.863	ug/l #	1
74) N-amyl acetate	12.34	43	61	7.607	ug/l #	36
75) 1,1,2,2-Tetrachloroethane	12.52	83	54	8.332	ug/l #	26
76) 1,2,3-Trichloropropane	12.78	75	89	23.986	ug/l #	100
78) n-propylbenzene	12.92	91	104	2.379	ug/l #	51
79) 2-Chlorotoluene	12.92	91	104	4.315	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.80	105	60	1.931	ug/l #	26
81) trans-1,4-Dichloro-2-buten	12.61	75	170	81.075	ug/l #	12
82) 4-Chlorotoluene	13.00	91	60	2.346	ug/l #	1
90) Hexachloroethane	14.26	117	74	11.643	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.54	75	92	93.506	ug/l #	33

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD063914.D

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Instrument :

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ClientSampleId :

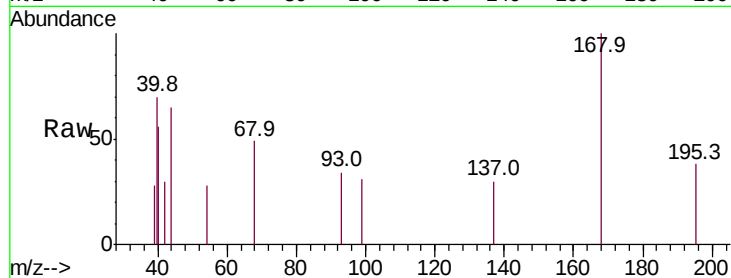
20190853-COMPOSITE-E

Tot Ion:168 Resp: 602

Ion Ratio Lower Upper

168 100

99 31.0 43.0 64.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

600

400

200

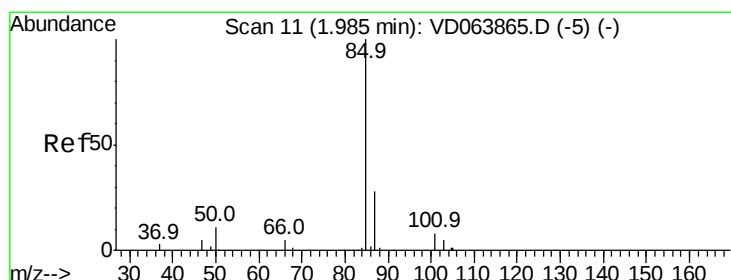
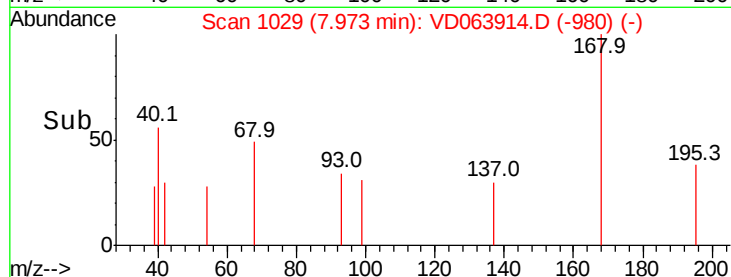
0

7.94

7.96

7.98

Time-->



#2

Dichlorodifluoromethane

Concen: 13.351 ug/l

RT: 2.16 min Scan# 40

Delta R.T. 0.17 min

Lab File: VD063914.D

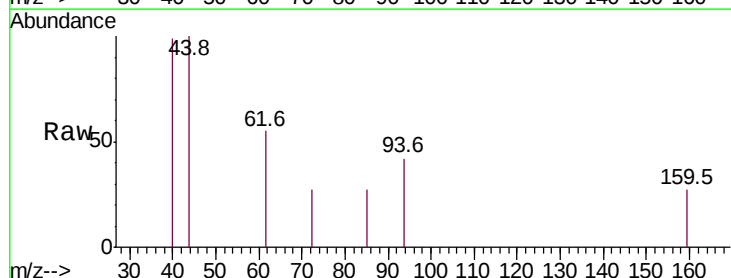
Acq: 10 Oct 2019 17:06

Tgt Ion: 85 Resp: 57

Ion Ratio Lower Upper

85 100

87 0.0 14.0 42.0#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

2.16

150

100

50

0

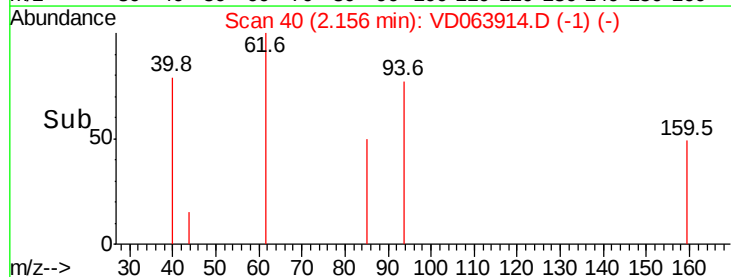
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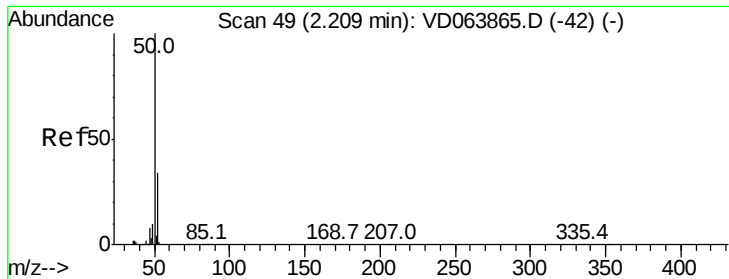
2.15

2.16

2.17

Time-->





#3

Chloromethane

Concen: 3.372 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

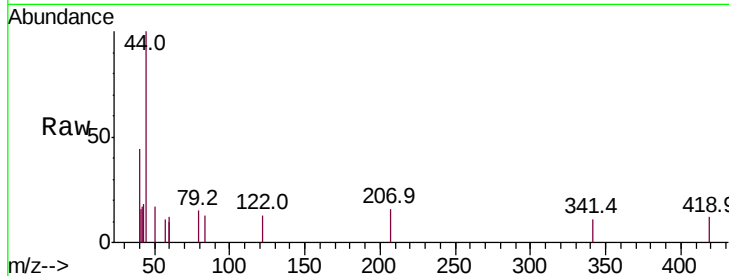
20190853-COMPOSITE-E

Tot Ion: 50 Resp: 86

Ion Ratio Lower Upper

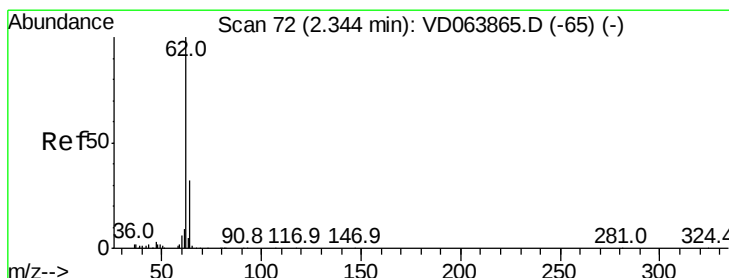
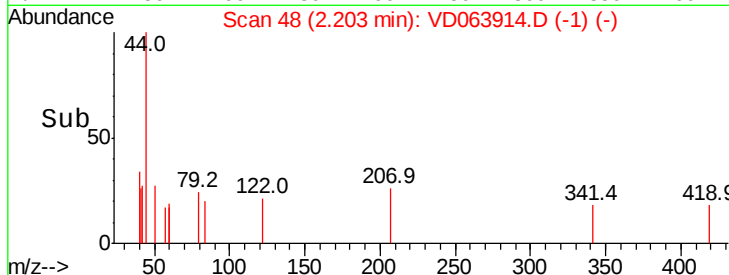
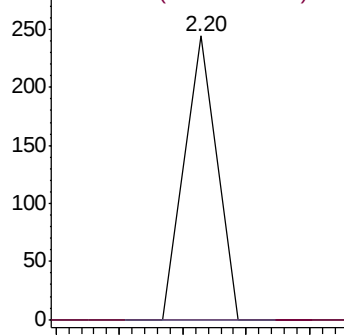
50 100

52 0.0 27.5 41.3#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 8.334 ug/l

RT: 2.16 min Scan# 40

Delta R.T. -0.19 min

Lab File: VD063914.D

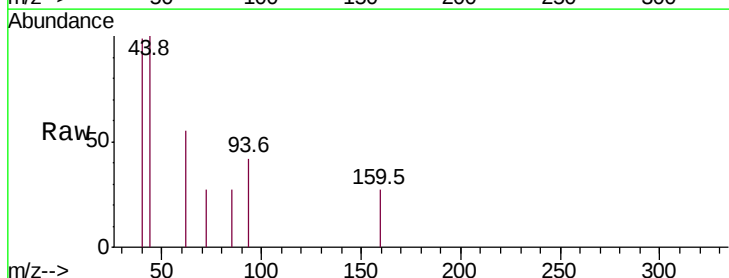
Acq: 10 Oct 2019 17:06

Tgt Ion: 62 Resp: 115

Ion Ratio Lower Upper

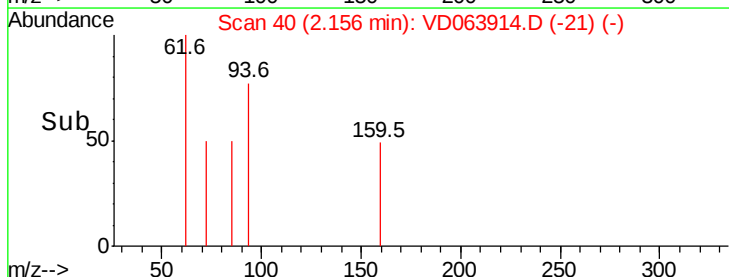
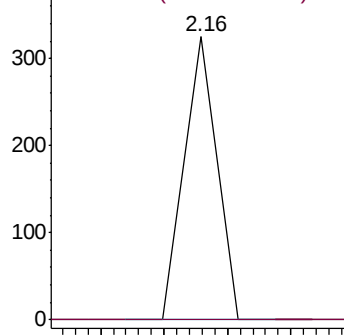
62 100

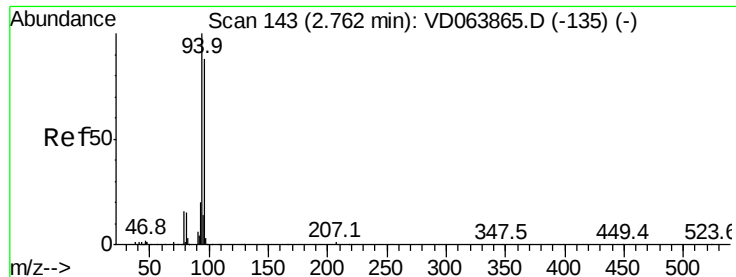
64 0.0 25.4 38.0#



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 7.215 ug/l

RT: 2.64 min Scan# 122

Delta R.T. -0.12 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

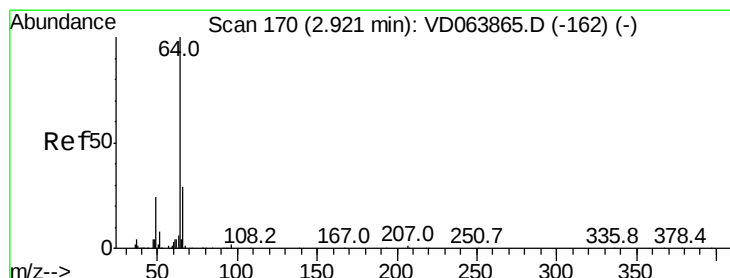
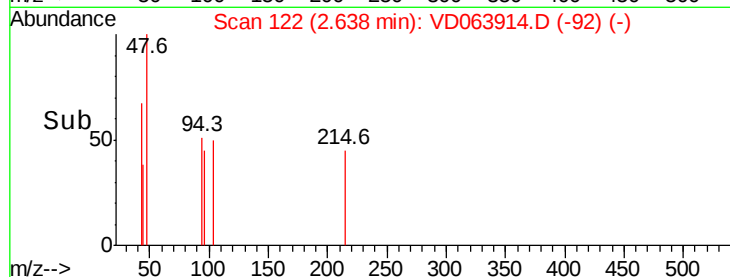
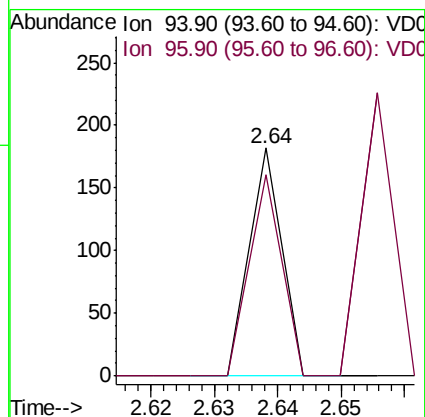
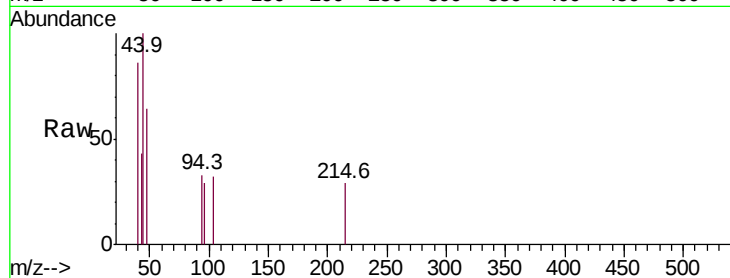
20190853-COMPOSITE-E

Tot Ion: 94 Resp: 64

Ion Ratio Lower Upper

94 100

96 88.5 70.8 106.2



#6

Chloroethane

Concen: 17.095 ug/l

RT: 2.89 min Scan# 165

Delta R.T. -0.03 min

Lab File: VD063914.D

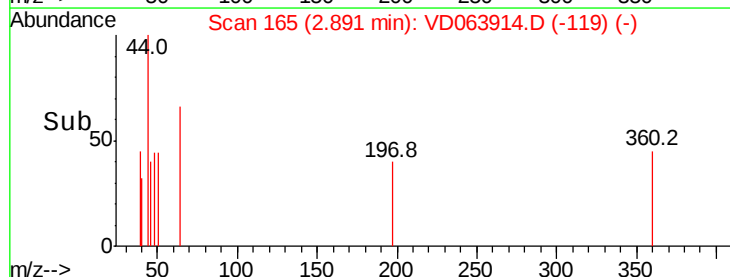
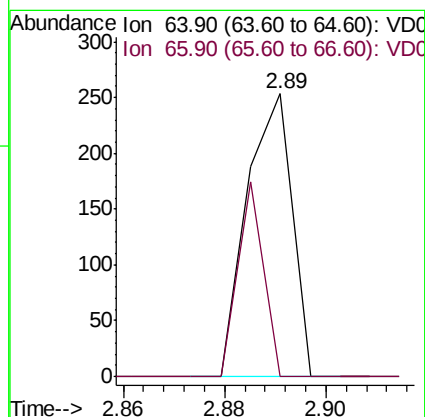
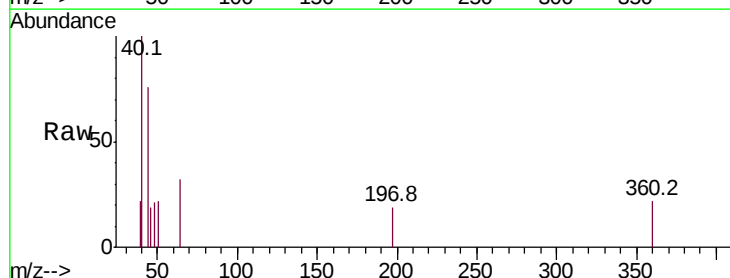
Acq: 10 Oct 2019 17:06

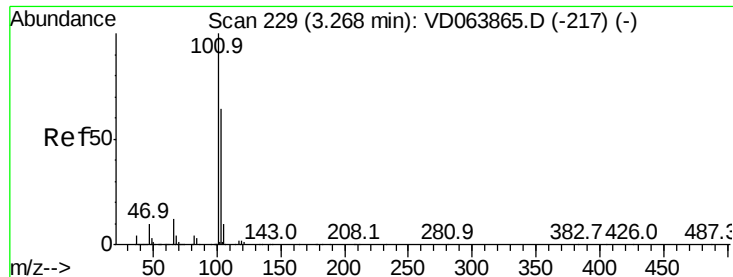
Tgt Ion: 64 Resp: 156

Ion Ratio Lower Upper

64 100

66 0.0 23.0 34.4#



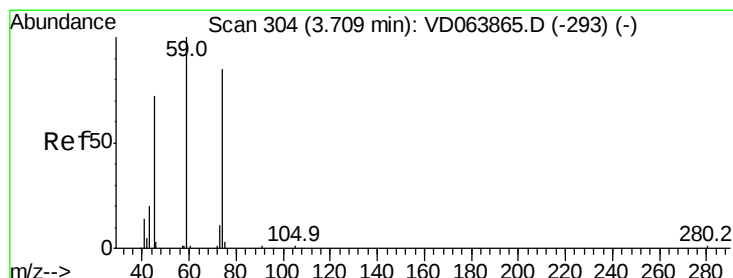
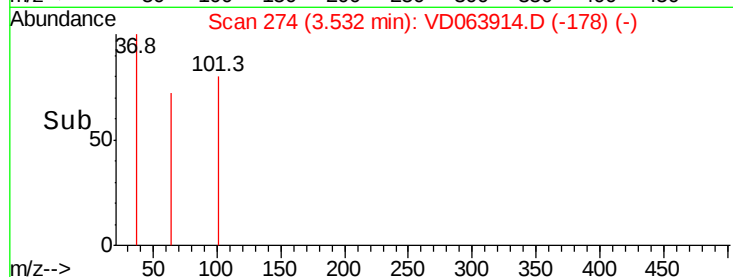
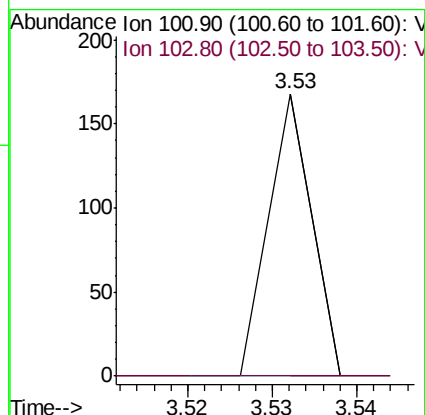
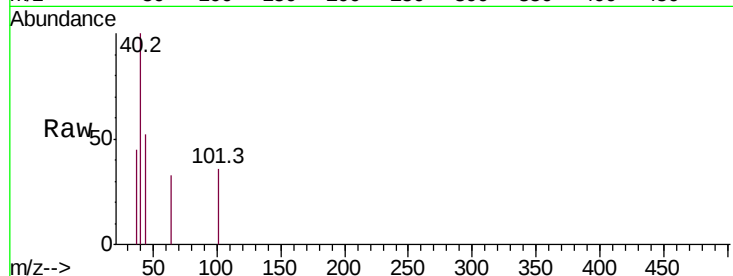


#7

Trichlorofluoromethane
 Concen: 3.234 ug/l
 RT: 3.53 min Scan# 274
 Delta R.T. 0.26 min
 Lab File: VD063914.D
 Acq: 10 Oct 2019 17:06

Instrument :
 MSVOA_D
 ClientSampleId :
 20190853-COMPOSITE-E

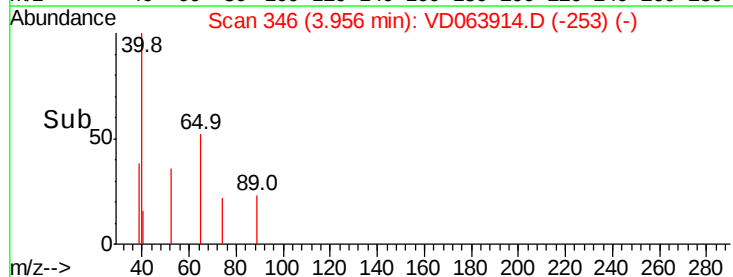
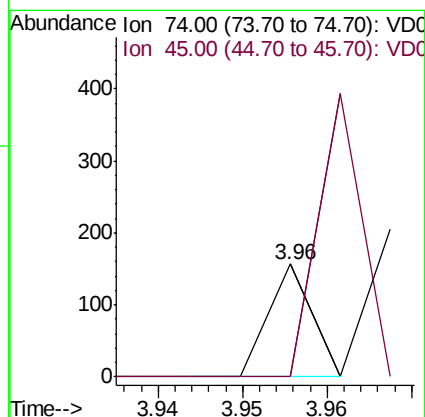
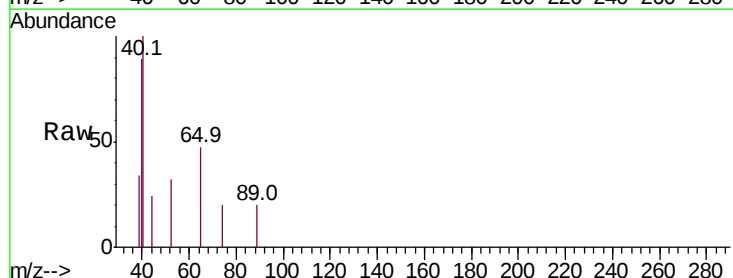
Tot Ion:101 Resp: 59
 Ion Ratio Lower Upper
 101 100
 103 0.0 51.1 76.7#

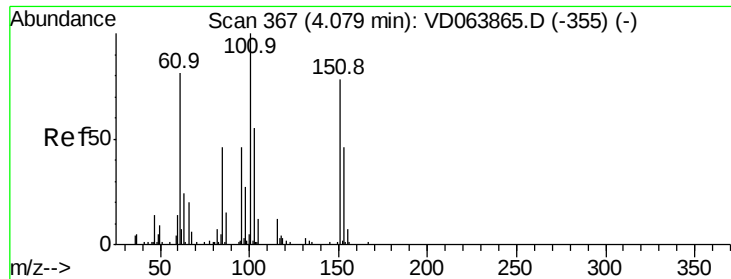


#8

Diethyl Ether
 Concen: 18.783 ug/l
 RT: 3.96 min Scan# 346
 Delta R.T. 0.25 min
 Lab File: VD063914.D
 Acq: 10 Oct 2019 17:06

Tgt Ion: 74 Resp: 55
 Ion Ratio Lower Upper
 74 100
 45 252.7 48.1 144.4#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.961 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.16 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

20190853-COMPOSITE-E

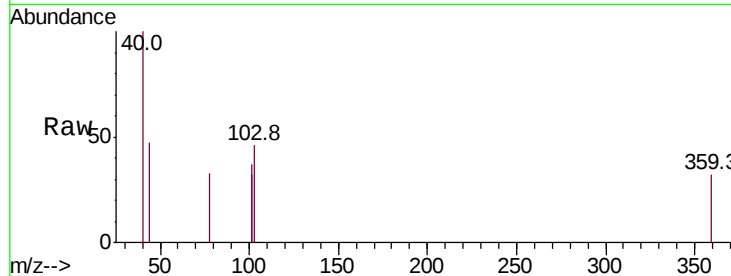
Tot Ion:101 Resp: 121

Ion Ratio Lower Upper

101 100

85 0.0 37.5 56.3#

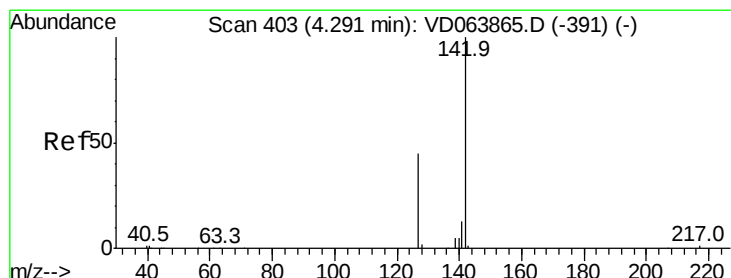
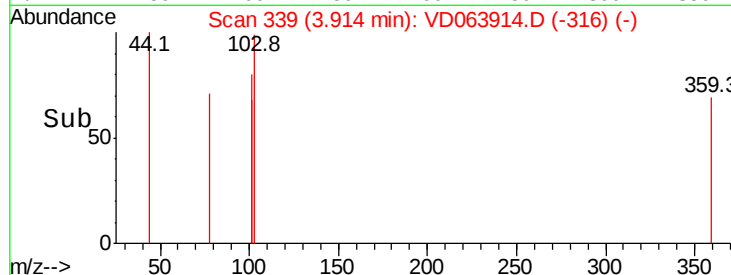
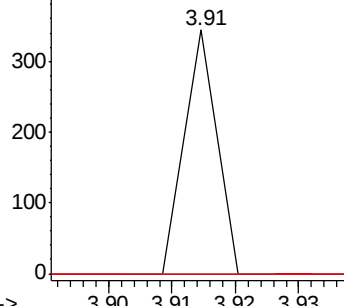
151 0.0 65.5 98.3#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.832 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.14 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

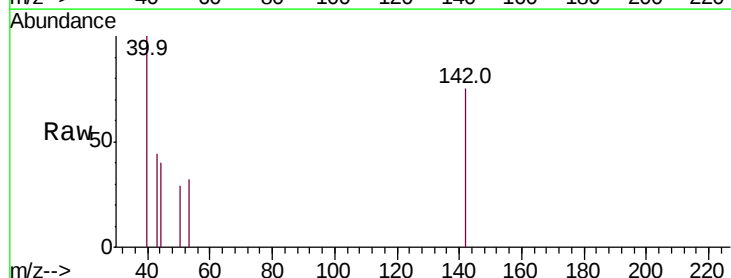
Tgt Ion:142 Resp: 138

Ion Ratio Lower Upper

142 100

127 0.0 35.3 52.9#

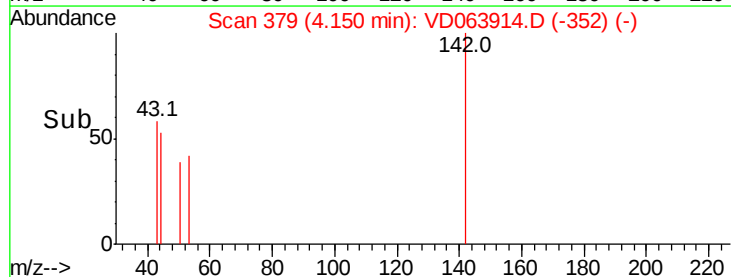
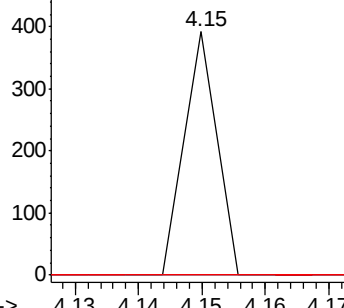
141 0.0 12.2 18.2#

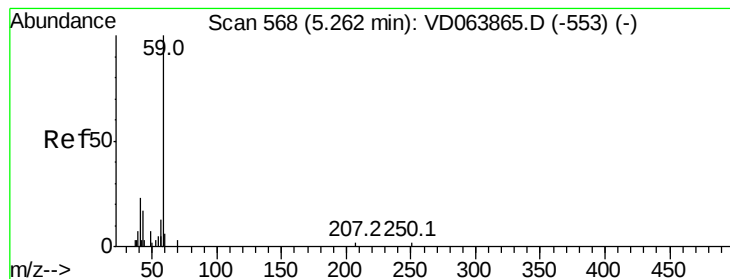


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



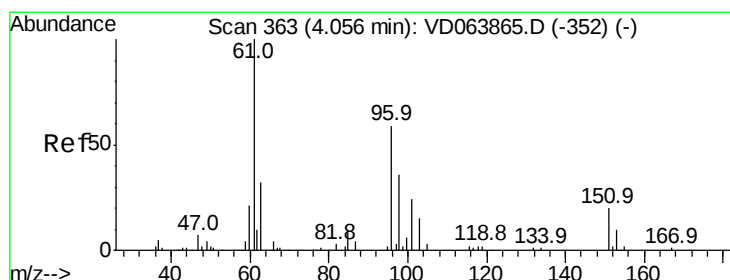
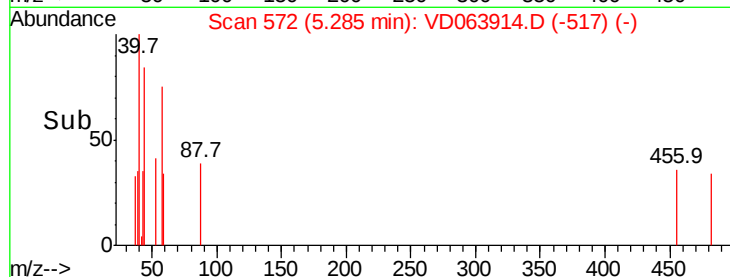
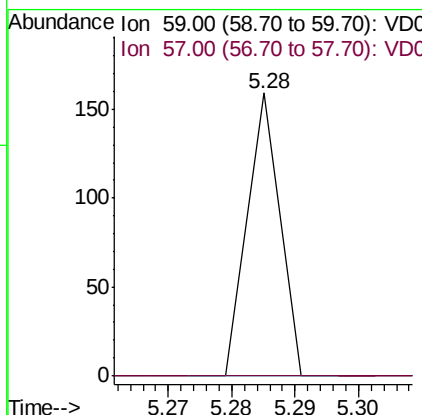
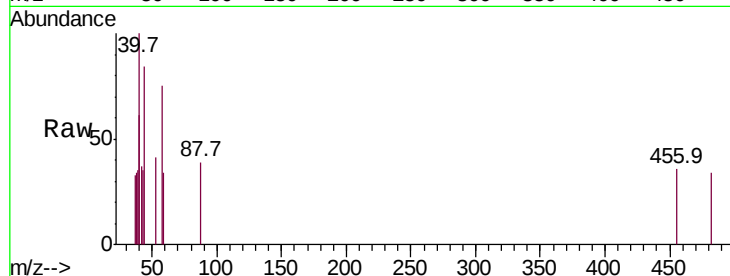


#11

Tert butyl alcohol
 Concen: 133.807 ug/l
 RT: 5.28 min Scan# 572
 Delta R.T. 0.02 min
 Lab File: VD063914.D
 Acq: 10 Oct 2019 17:06

Instrument :
 MSVOA_D
 ClientSampleId :
 20190853-COMPOSITE-E

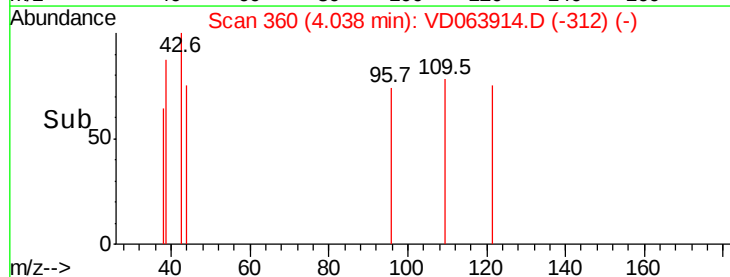
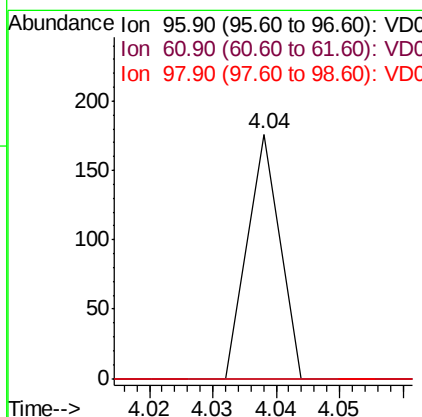
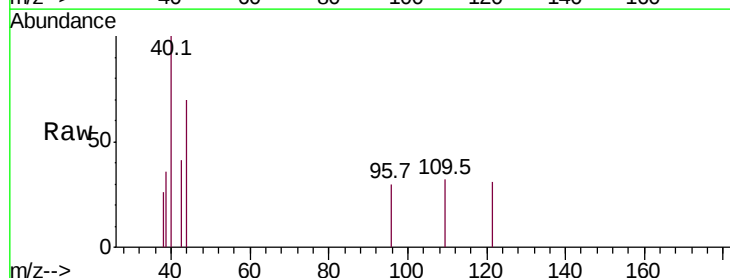
Tot Ion: 59 Resp: 56
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.8 13.2#

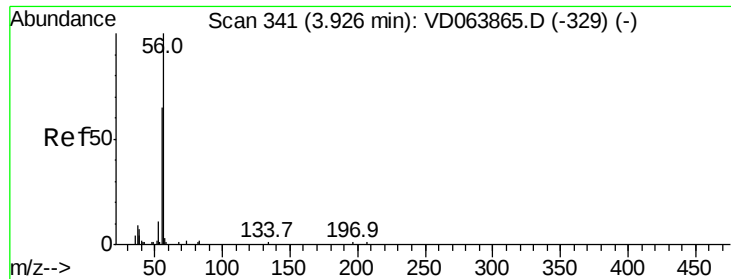


#12

1,1-Dichloroethene
 Concen: 12.289 ug/l
 RT: 4.04 min Scan# 360
 Delta R.T. -0.02 min
 Lab File: VD063914.D
 Acq: 10 Oct 2019 17:06

Tgt Ion: 96 Resp: 62
 Ion Ratio Lower Upper
 96 100
 61 0.0 135.6 203.4#
 98 0.0 49.2 73.8#

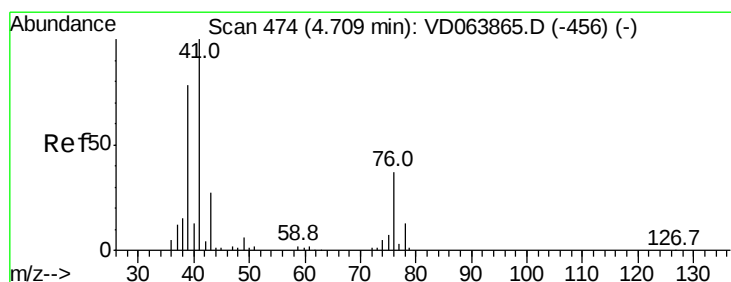
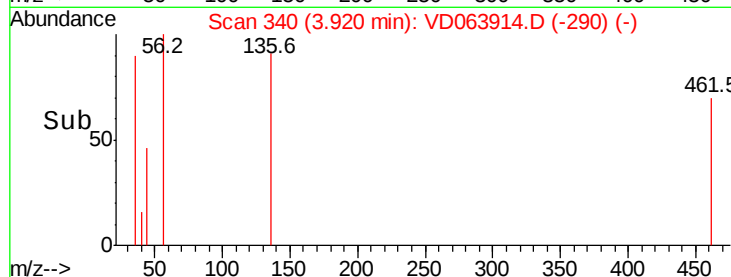
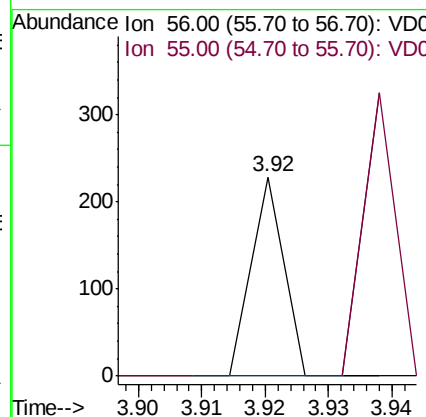
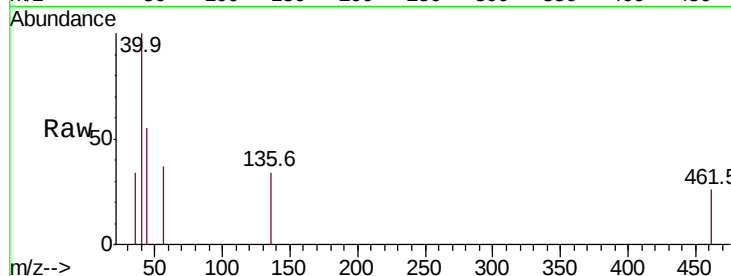




#13
Acrolein
Concen: 154.739 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD063914.D
Acq: 10 Oct 2019 17:06

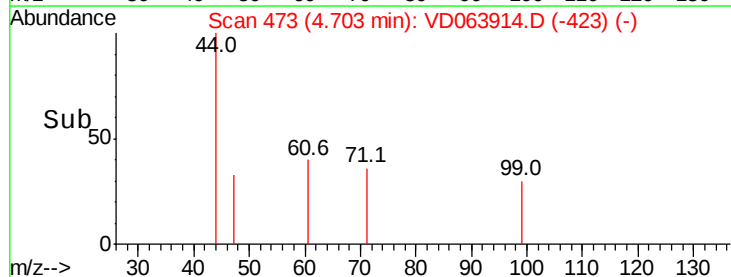
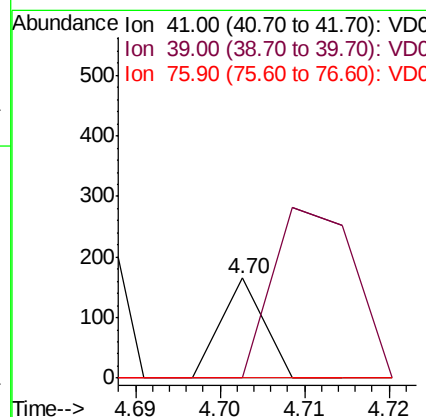
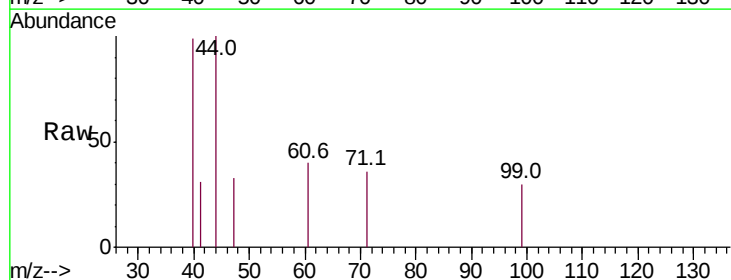
Instrument :
MSVOA_D
ClientSampleId :
20190853-COMPOSITE-E

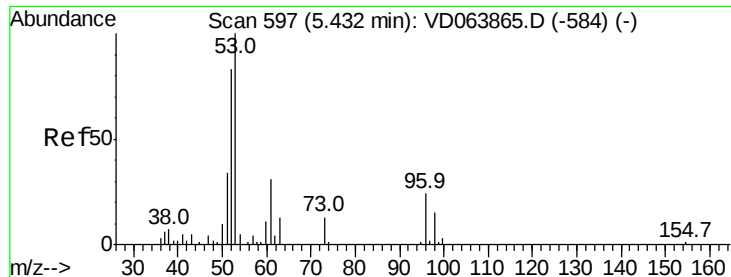
Tot Ion: 56 Resp: 81
Ion Ratio Lower Upper
56 100
55 142.0 53.0 79.6#



#14
Allyl chloride
Concen: 6.915 ug/l
RT: 4.70 min Scan# 473
Delta R.T. -0.01 min
Lab File: VD063914.D
Acq: 10 Oct 2019 17:06

Tgt Ion: 41 Resp: 58
Ion Ratio Lower Upper
41 100
39 324.1 61.8 92.6#
76 0.0 31.3 46.9#





#15

Acrylonitrile

Concen: 44.152 ug/l

RT: 5.39 min Scan# 590

Delta R.T. -0.04 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

20190853-COMPOSITE-E

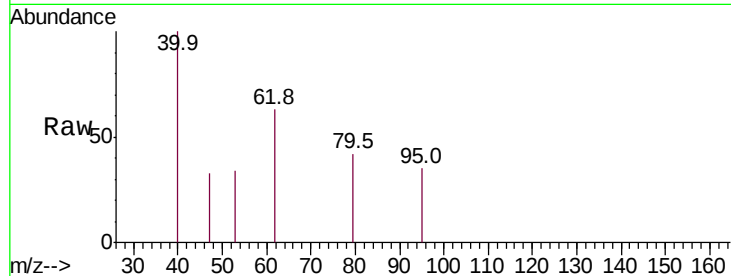
Tot Ion: 53 Resp: 57

Ion Ratio Lower Upper

53 100

52 0.0 67.3 100.9#

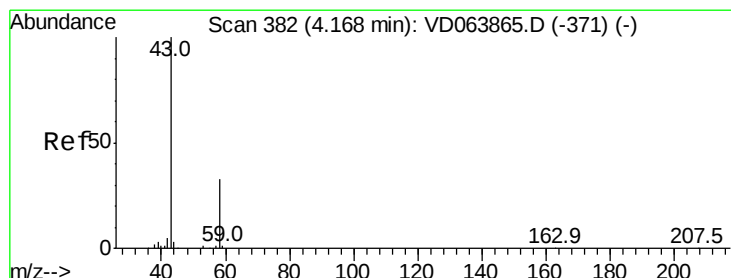
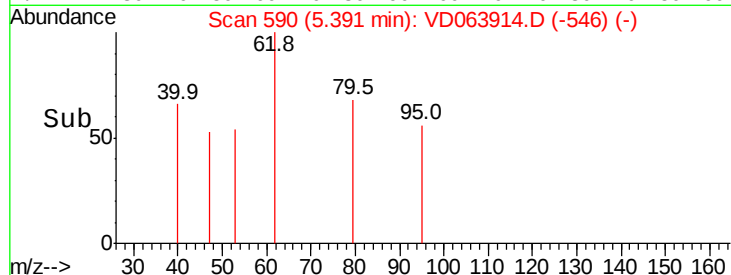
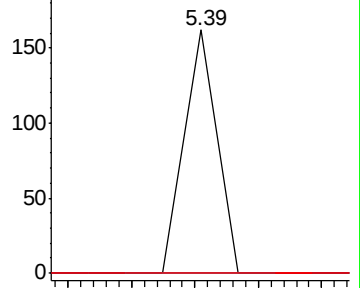
51 0.0 30.5 45.7#



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 266.725 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.02 min

Lab File: VD063914.D

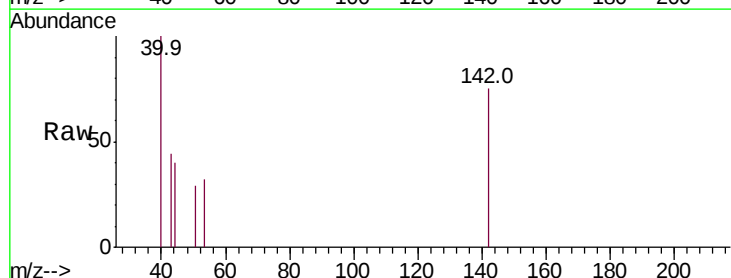
Acq: 10 Oct 2019 17:06

Tgt Ion: 43 Resp: 407

Ion Ratio Lower Upper

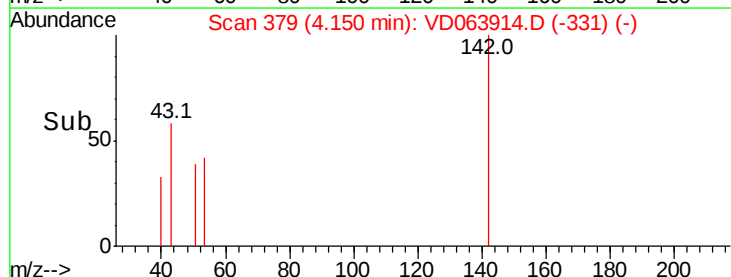
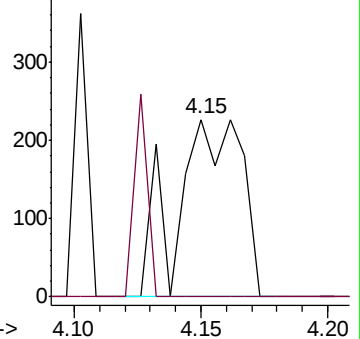
43 100

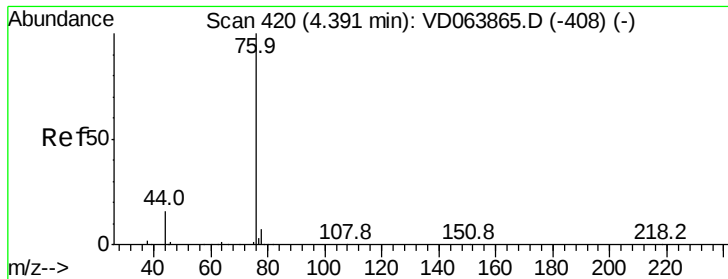
58 0.0 26.2 39.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

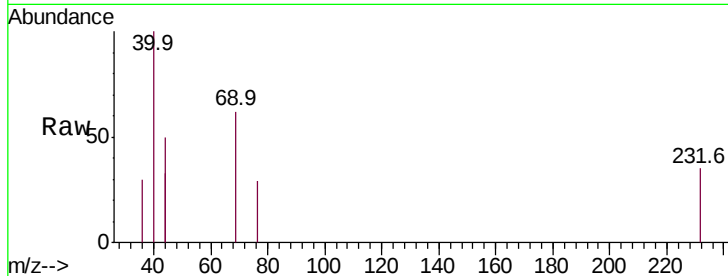




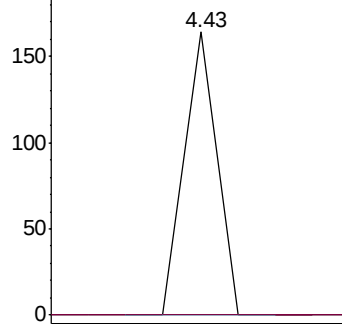
#17
Carbon Disulfide
Concen: 3.162 ug/l
RT: 4.43 min Scan# 427
Delta R.T. 0.04 min
Lab File: VD063914.D
Acq: 10 Oct 2019 17:06

Instrument :
MSVOA_D
ClientSampleId :
20190853-COMPOSITE-E

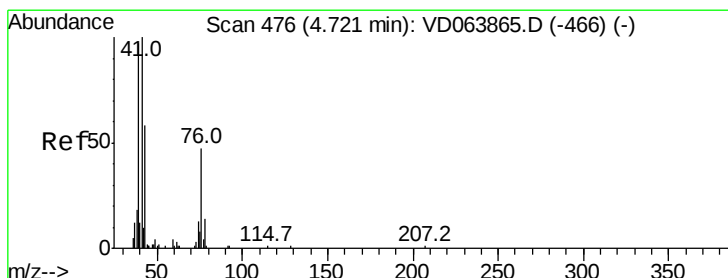
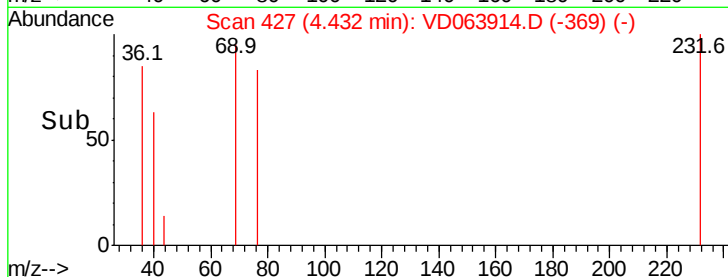
Tot Ion: 76 Resp: 58
Ion Ratio Lower Upper
76 100
78 0.0 5.8 8.8#



Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC

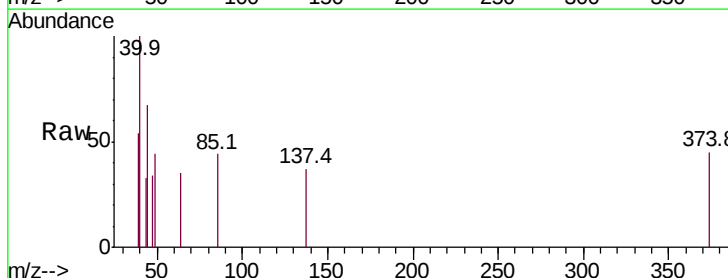


Time--> 4.41 4.42 4.43 4.44 4.45

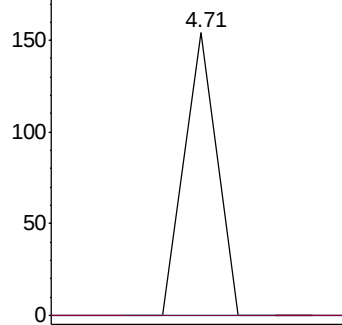


#18
Methyl Acetate
Concen: 18.093 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD063914.D
Acq: 10 Oct 2019 17:06

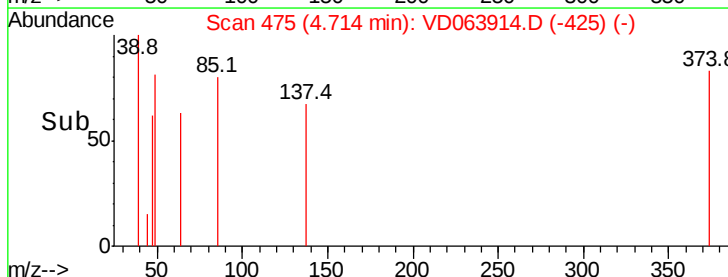
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#

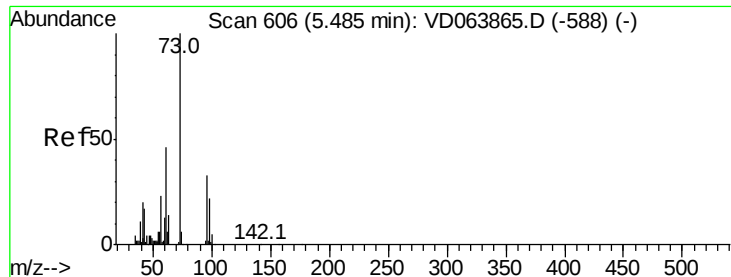


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC



Time--> 4.70 4.71 4.72 4.73



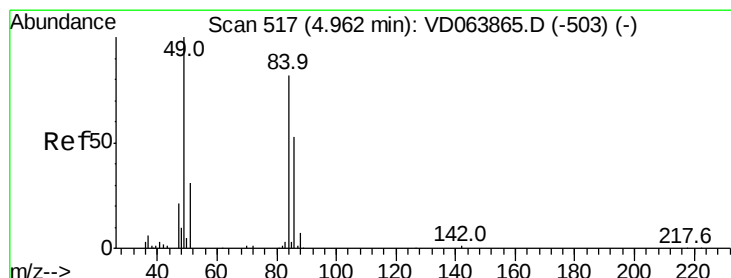
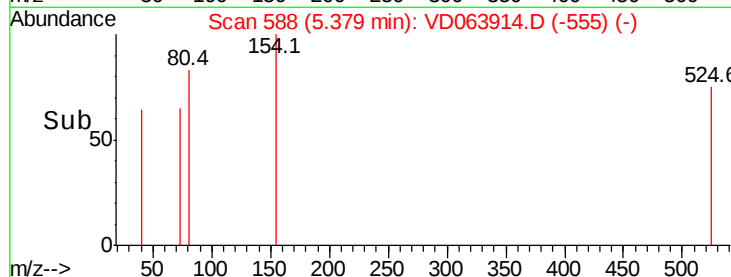
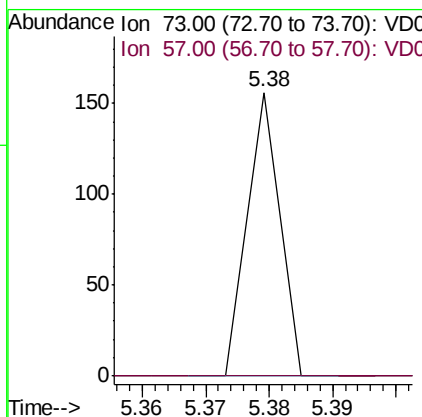
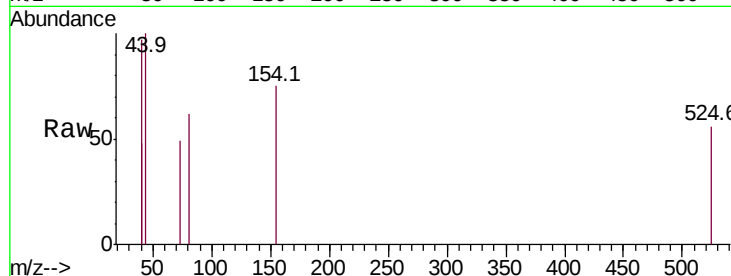


#19

Methyl tert-butyl Ether
 Concen: 4.210 ug/l
 RT: 5.38 min Scan# 588
 Delta R.T. -0.11 min
 Lab File: VD063914.D
 Acq: 10 Oct 2019 17:06

Instrument :
 MSVOA_D
 ClientSampleId :
 20190853-COMPOSITE-E

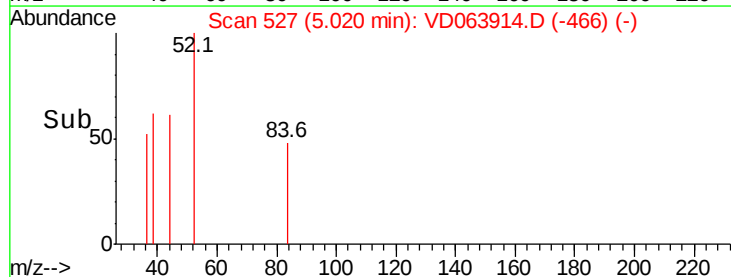
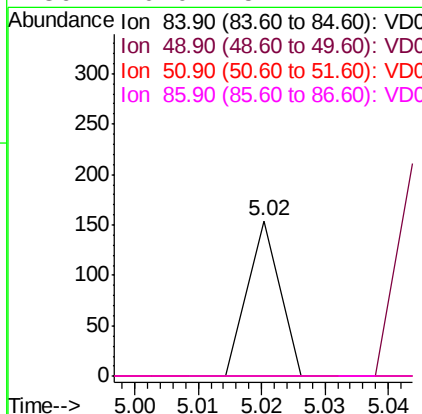
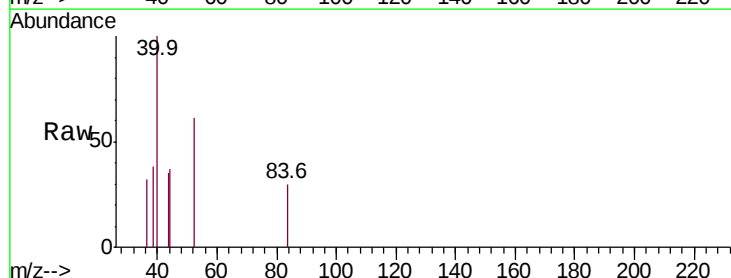
Tot Ion: 73 Resp: 55
 Ion Ratio Lower Upper
 73 100
 57 0.0 18.1 27.1#

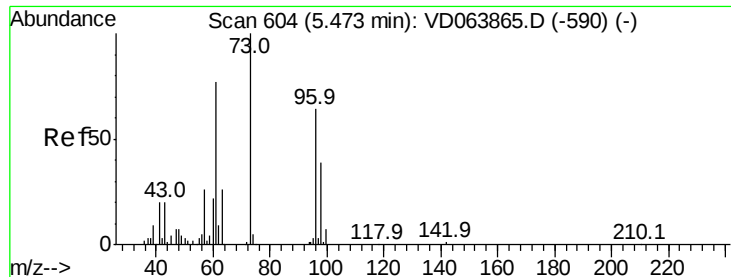


#20

Methylene Chloride
 Concen: 5.284 ug/l
 RT: 5.02 min Scan# 527
 Delta R.T. 0.06 min
 Lab File: VD063914.D
 Acq: 10 Oct 2019 17:06

Tgt Ion: 84 Resp: 54
 Ion Ratio Lower Upper
 84 100
 49 0.0 97.3 145.9#
 51 0.0 30.1 45.1#
 86 0.0 51.4 77.2#





#21

trans-1,2-Dichloroethene

Concen: 9.394 ug/l

RT: 5.44 min Scan# 599

Delta R.T. -0.03 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

20190853-COMPOSITE-E

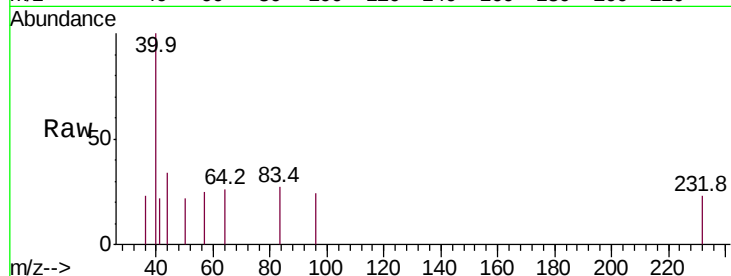
Tot Ion: 96 Resp: 59

Ion Ratio Lower Upper

96 100

61 0.0 96.6 145.0#

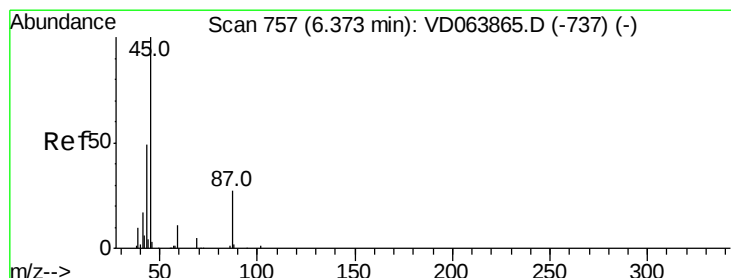
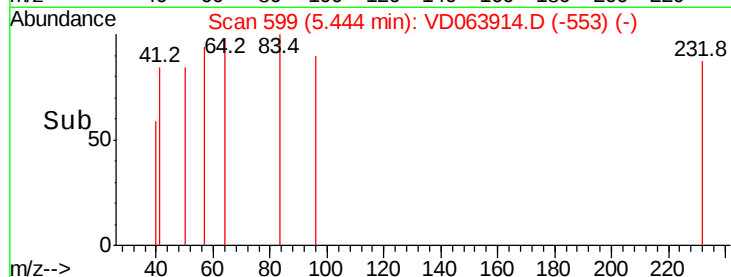
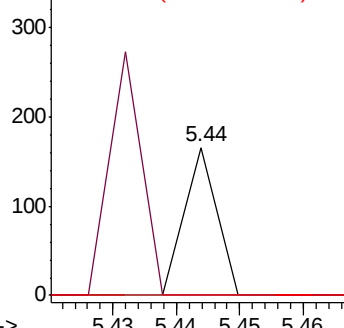
98 0.0 48.7 73.1#



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 3.561 ug/l

RT: 6.40 min Scan# 762

Delta R.T. 0.03 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

Tgt Ion: 45 Resp: 61

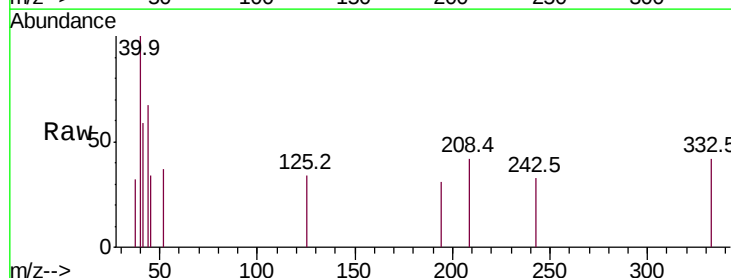
Ion Ratio Lower Upper

45 100

43 0.0 41.2 61.8#

87 0.0 22.2 33.4#

59 0.0 9.2 13.8#

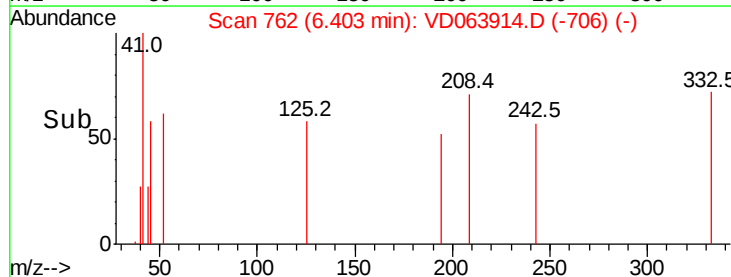
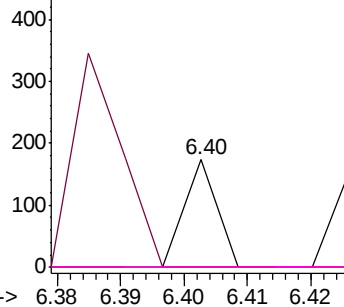


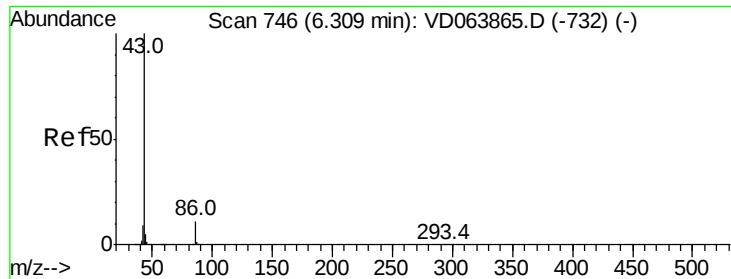
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 5.691 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

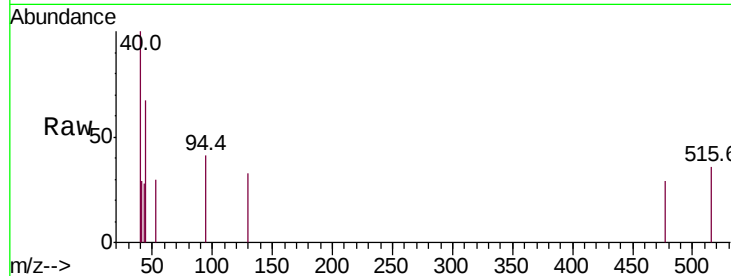
20190853-COMPOSITE-E

Tot Ion: 43 Resp: 58

Ion Ratio Lower Upper

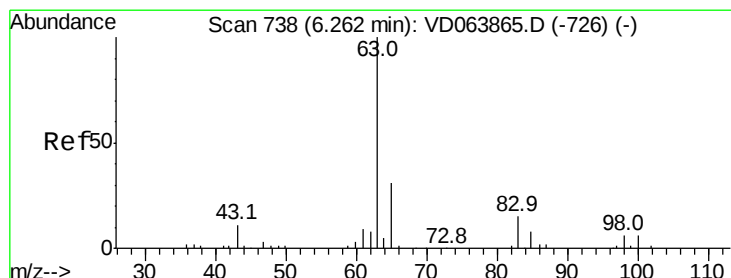
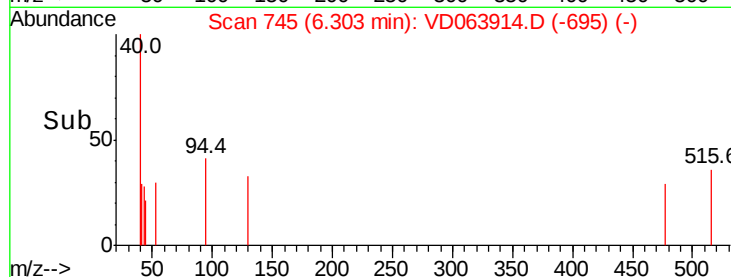
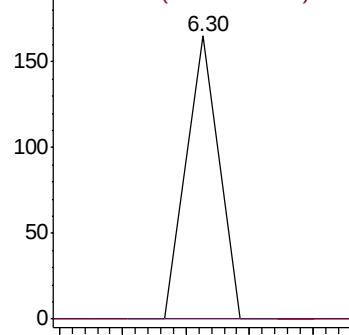
43 100

86 0.0 8.8 13.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 10.898 ug/l

RT: 6.38 min Scan# 759

Delta R.T. 0.12 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

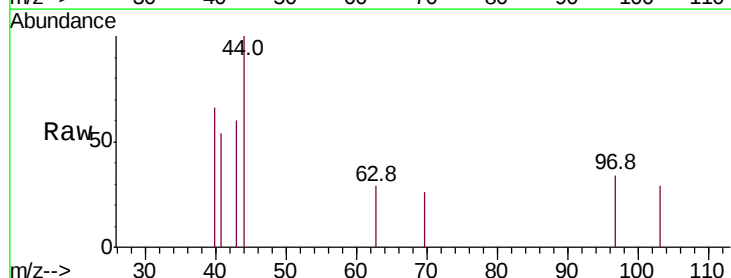
Tgt Ion: 63 Resp: 115

Ion Ratio Lower Upper

63 100

98 0.0 3.1 9.4#

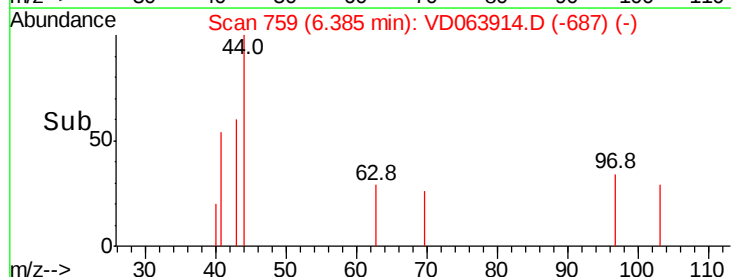
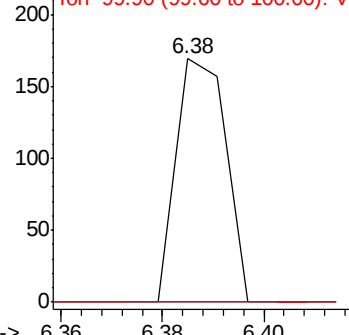
100 0.0 3.0 9.2#

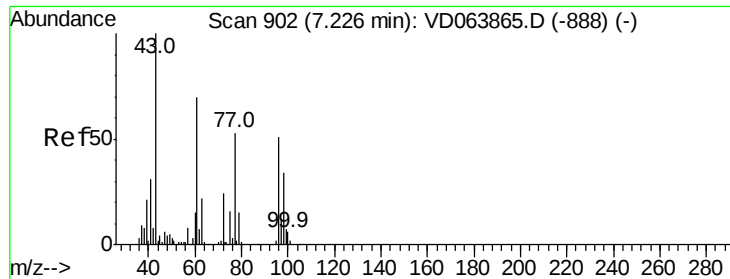


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 34.285 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

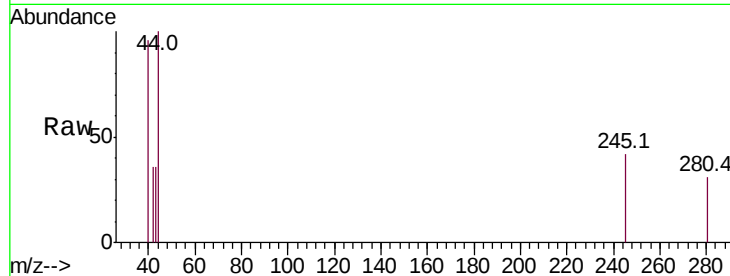
20190853-COMPOSITE-E

Tot Ion: 43 Resp: 62

Ion Ratio Lower Upper

43 100

72 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.23

150

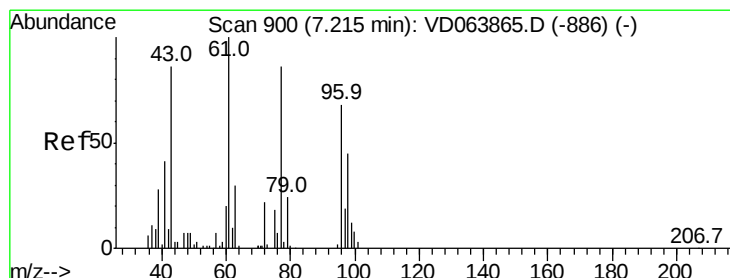
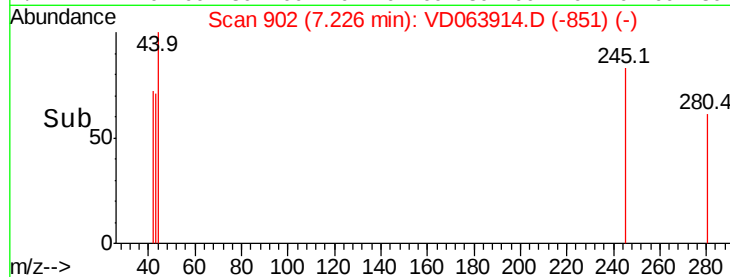
100

50

0

7.21 7.22 7.23 7.24

Time-->



#26

2,2-Dichloropropane

Concen: 5.762 ug/l

RT: 6.98 min Scan# 860

Delta R.T. -0.24 min

Lab File: VD063914.D

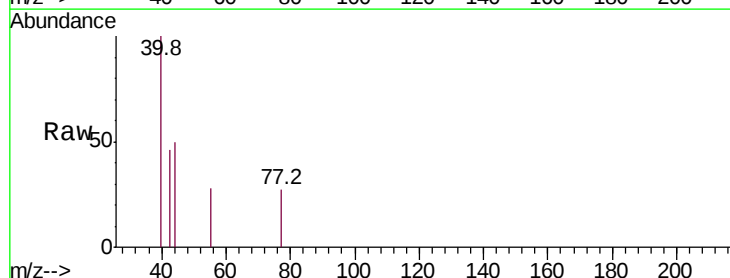
Acq: 10 Oct 2019 17:06

Tgt Ion: 77 Resp: 55

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

6.98

150

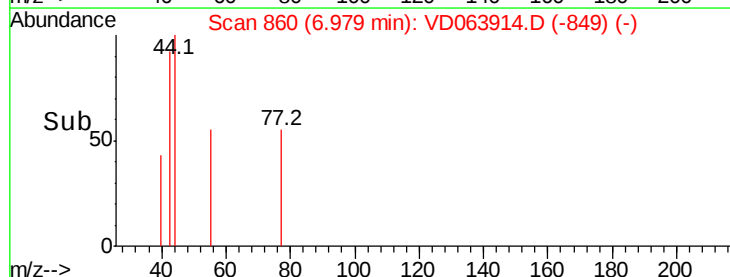
100

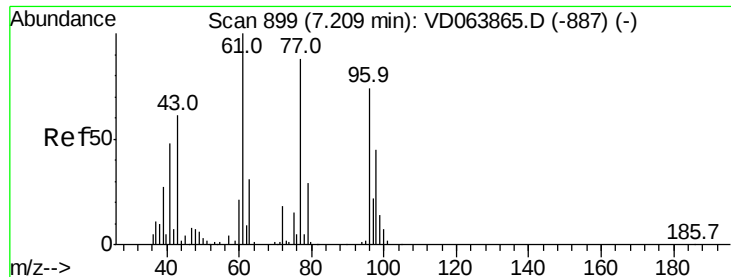
50

0

6.97 6.98 6.99

Time-->



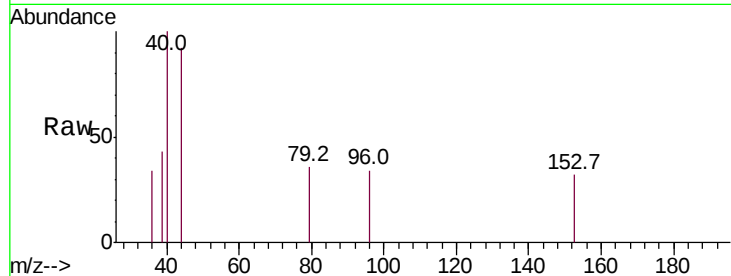


#27

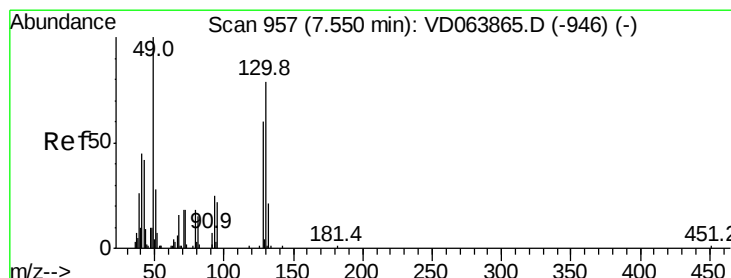
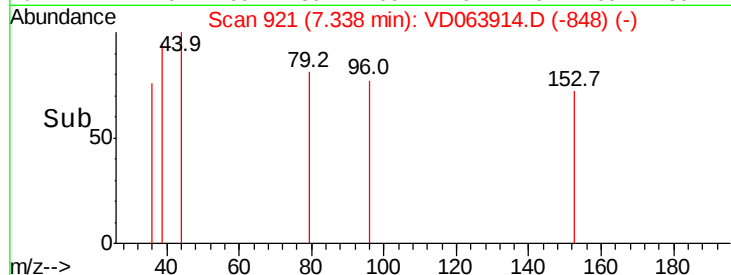
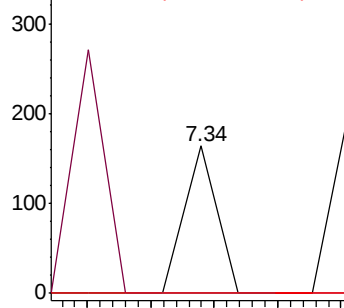
cis-1,2-Dichloroethene
Concen: 8.159 ug/l
RT: 7.34 min Scan# 921
Delta R.T. 0.13 min
Lab File: VD063914.D
Acq: 10 Oct 2019 17:06

Instrument :
MSVOA_D
ClientSampleId :
20190853-COMPOSITE-E

Tot Ion: 96 Resp: 58
Ion Ratio Lower Upper
96 100
61 165.5 0.0 280.0
98 0.0 0.0 130.4



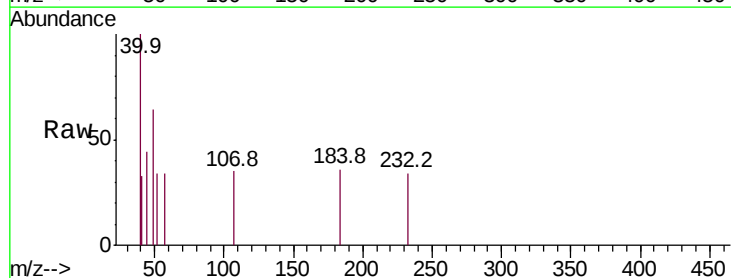
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



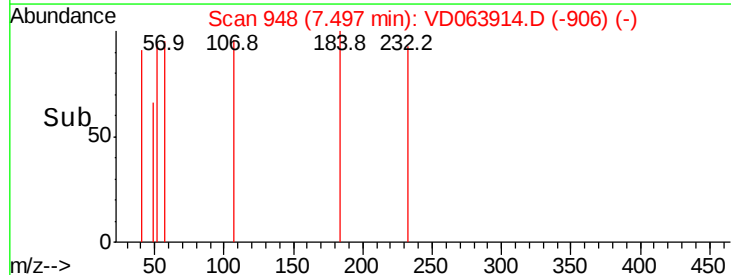
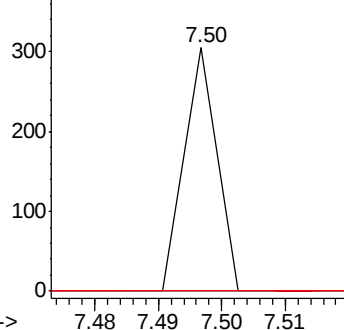
#28

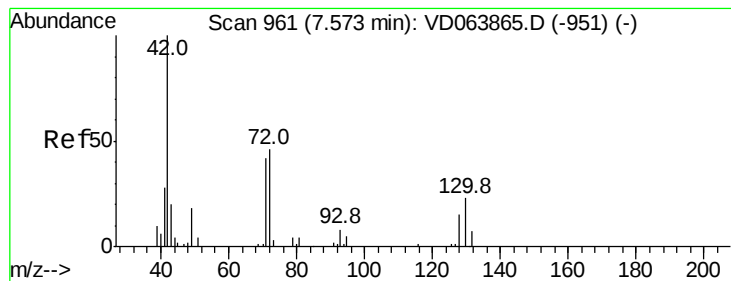
Bromochloromethane
Concen: 27.781 ug/l
RT: 7.50 min Scan# 948
Delta R.T. -0.05 min
Lab File: VD063914.D
Acq: 10 Oct 2019 17:06

Tgt Ion: 49 Resp: 108
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.6
130 0.0 66.8 100.2#



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 62.529 ug/l

RT: 7.57 min Scan# 961

Delta R.T. -0.00 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

20190853-COMPOSITE-E

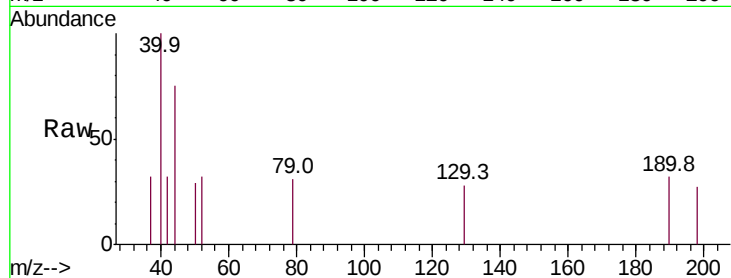
Tot Ion: 42 Resp: 66

Ion Ratio Lower Upper

42 100

72 0.0 37.6 56.4#

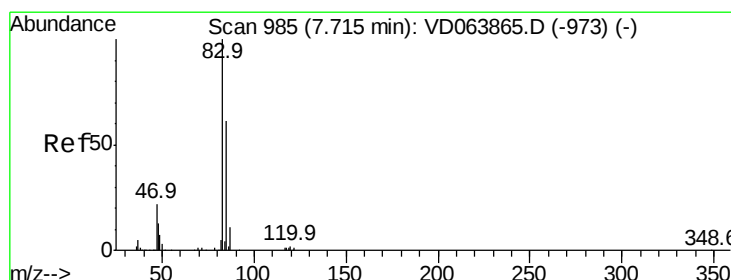
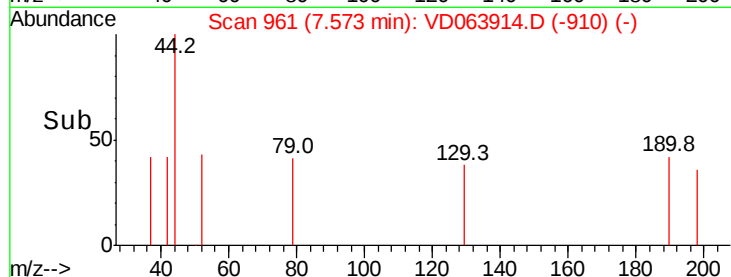
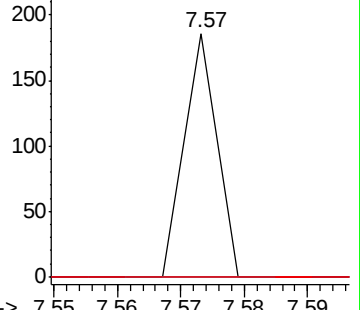
71 0.0 35.0 52.6#



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 5.584 ug/l

RT: 7.94 min Scan# 1024

Delta R.T. 0.23 min

Lab File: VD063914.D

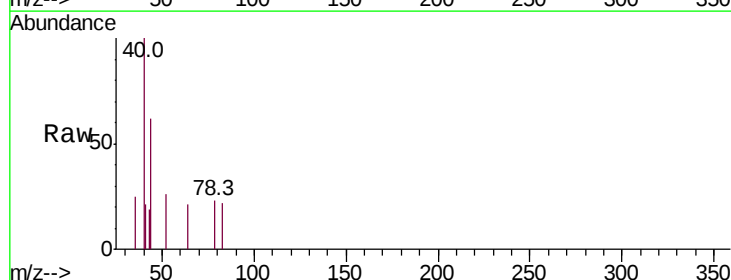
Acq: 10 Oct 2019 17:06

Tgt Ion: 83 Resp: 64

Ion Ratio Lower Upper

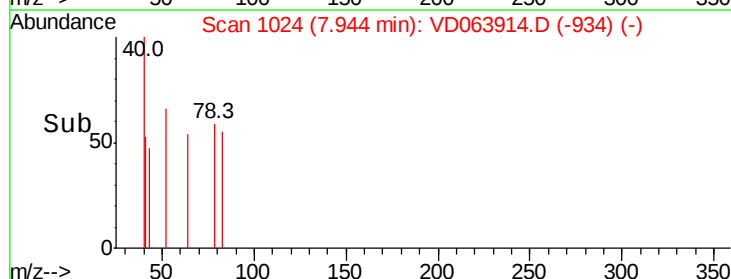
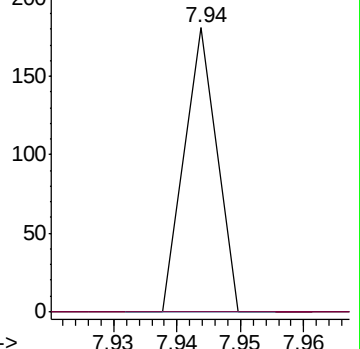
83 100

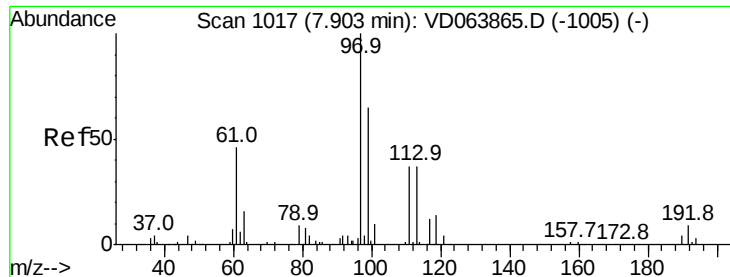
85 0.0 48.9 73.3#



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#32

1,1,1-Trichloroethane

Concen: 6.103 ug/l

RT: 7.79 min Scan# 998

Delta R.T. -0.11 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

20190853-COMPOSITE-E

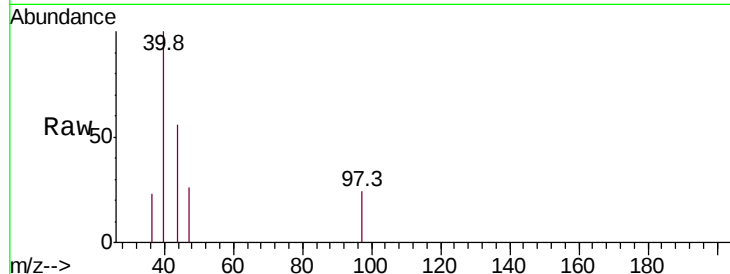
Tot Ion: 97 Resp: 60

Ion Ratio Lower Upper

97 100

99 0.0 52.4 78.6#

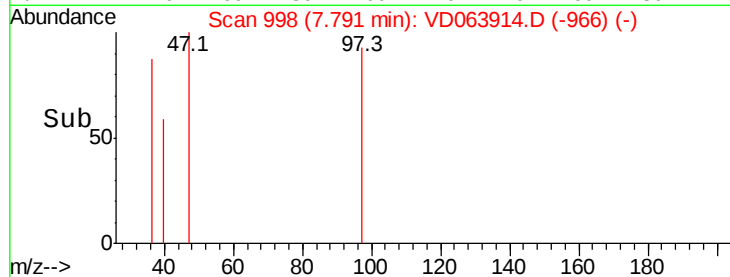
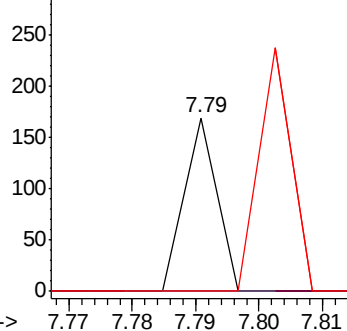
61 140.0 33.8 50.8#



Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

Ion 60.90 (60.60 to 61.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 113.293 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD063914.D

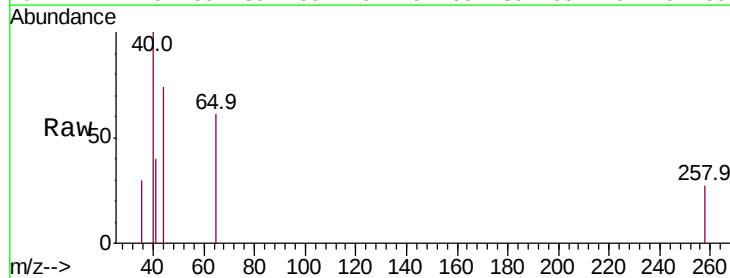
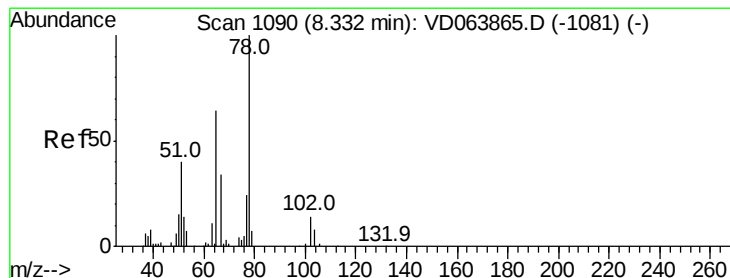
Acq: 10 Oct 2019 17:06

Tgt Ion: 65 Resp: 664

Ion Ratio Lower Upper

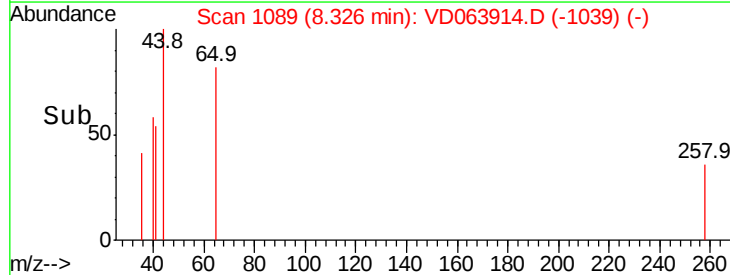
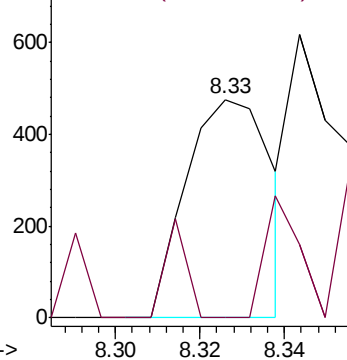
65 100

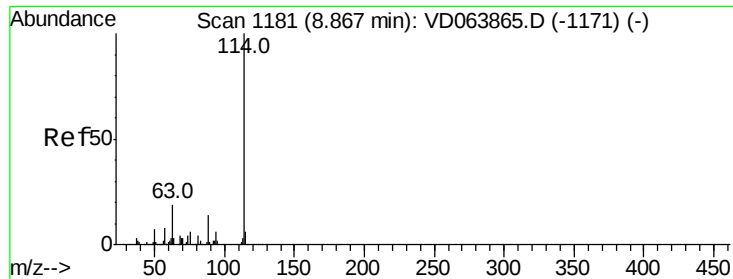
67 11.4 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

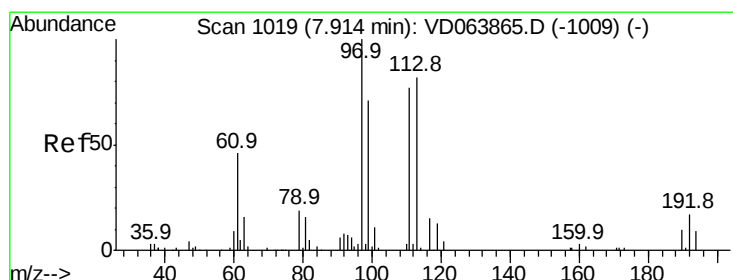
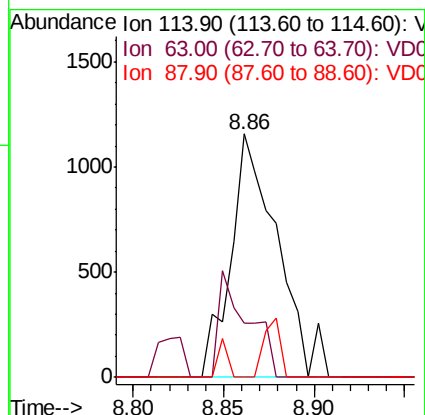
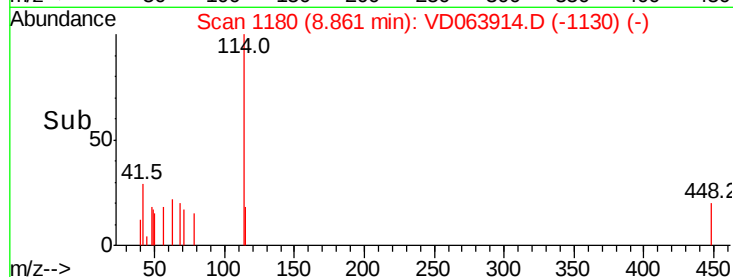
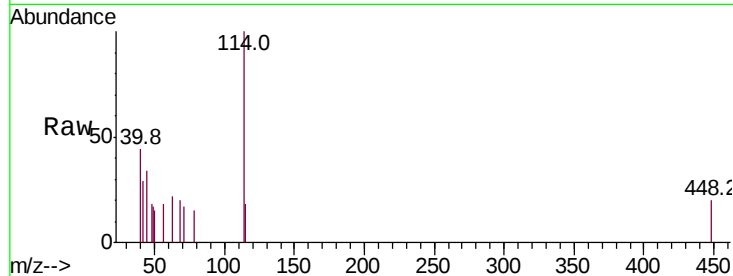
Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

Instrument :
MSVOA_D
ClientSampleId :
20190853-COMPOSITE-E

Tot Ion:114 Resp: 2078

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	38.4
88	0.0	0.0	27.4



#35

Dibromofluoromethane

Concen: 40.868 ug/l

RT: 7.91 min Scan# 1019

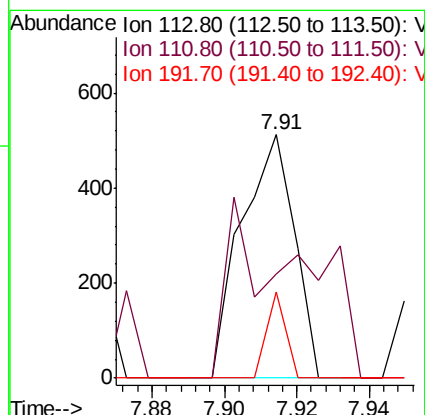
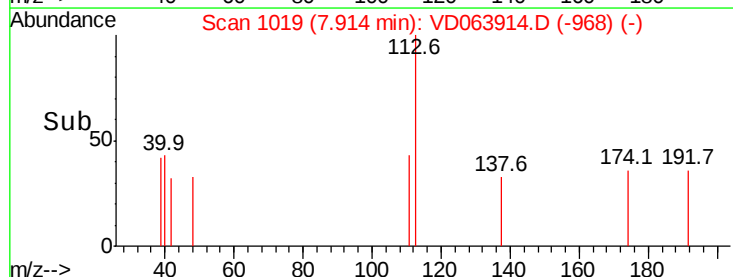
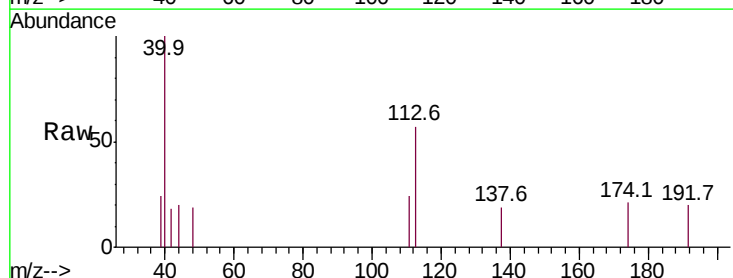
Delta R.T. -0.00 min

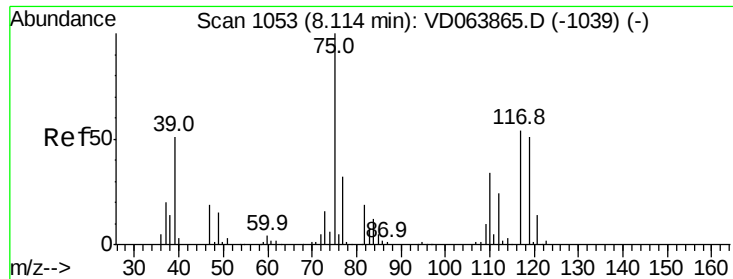
Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

Tgt Ion:113 Resp: 519

Ion	Ratio	Lower	Upper
113	100		
111	52.4	82.6	123.8#
192	12.3	17.1	25.7#

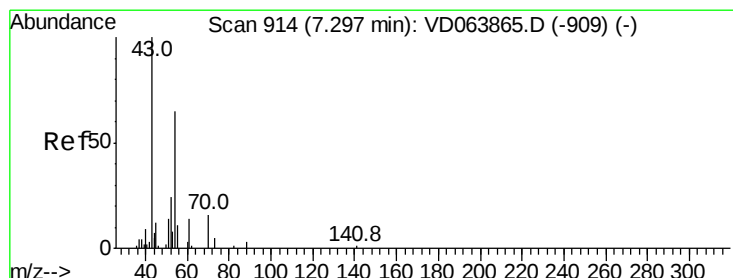
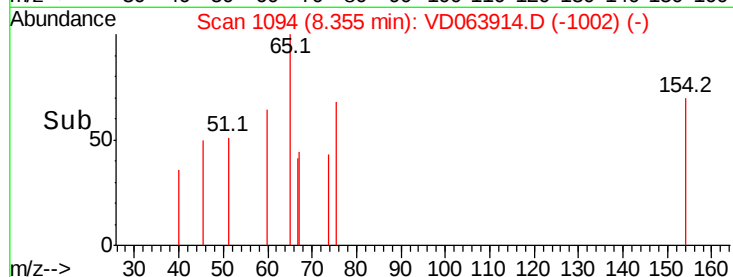
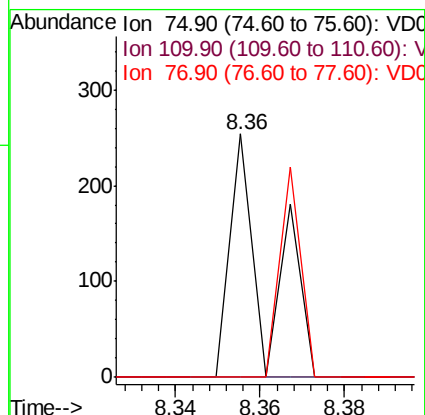
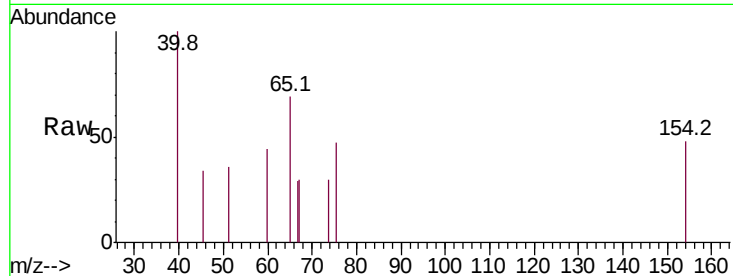




#36
 1,1-Dichloropropene
 Concen: 8.105 ug/l
 RT: 8.36 min Scan# 1094
 Delta R.T. 0.24 min
 Lab File: VD063914.D
 Acq: 10 Oct 2019 17:06

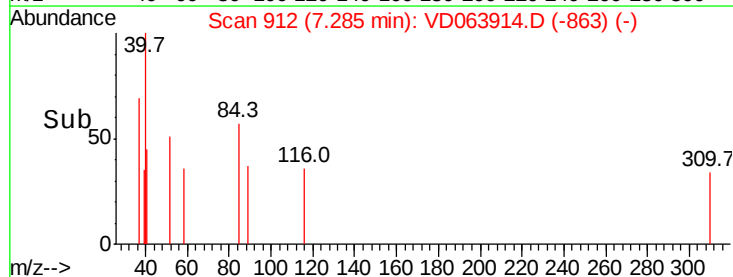
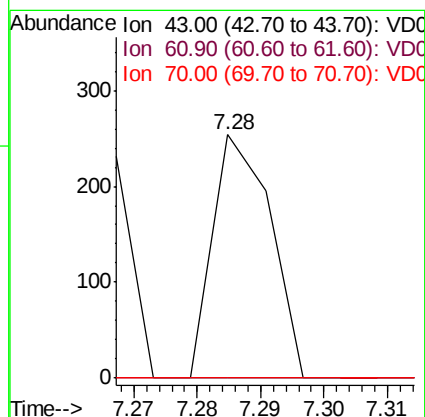
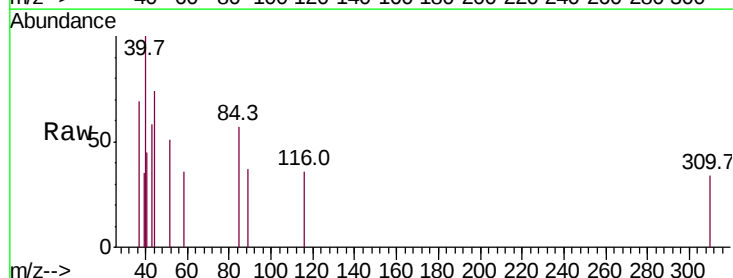
Instrument :
 MSVOA_D
 ClientSampleId :
 20190853-COMPOSITE-E

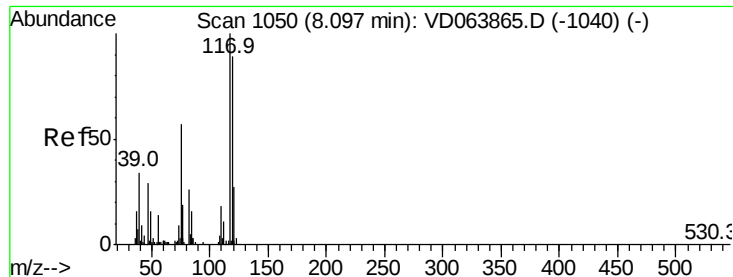
Tot Ion: 75 Resp: 154
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.4 52.3#
 77 50.6 25.4 38.0#



#37
 Ethyl Acetate
 Concen: 18.345 ug/l
 RT: 7.28 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: VD063914.D
 Acq: 10 Oct 2019 17:06

Tgt Ion: 43 Resp: 159
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.5 17.3#
 70 0.0 8.2 12.4#

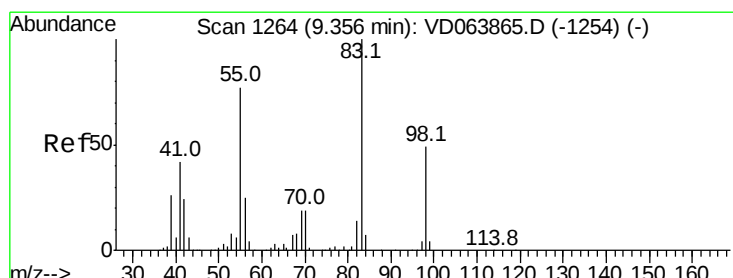
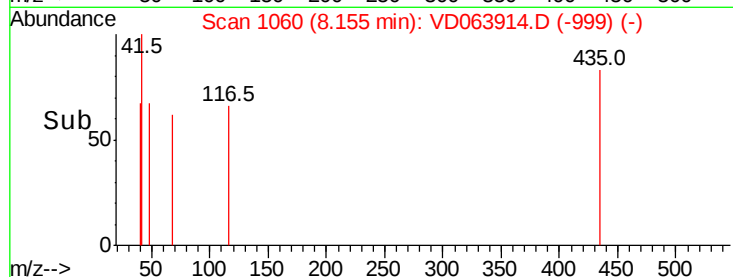
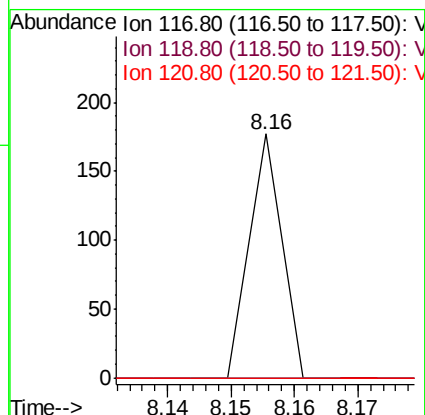
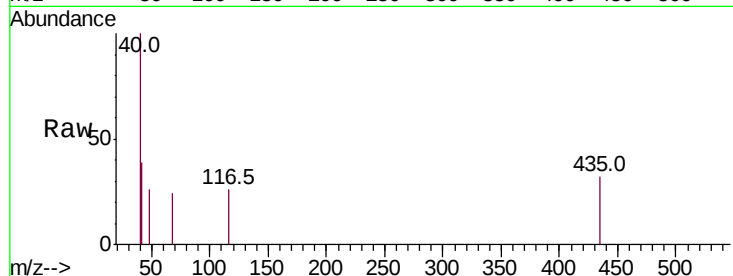




#38
Carbon Tetrachloride
Concen: 3.229 ug/l
RT: 8.16 min Scan# 1060
Delta R.T. 0.06 min
Lab File: VD063914.D
Acq: 10 Oct 2019 17:06

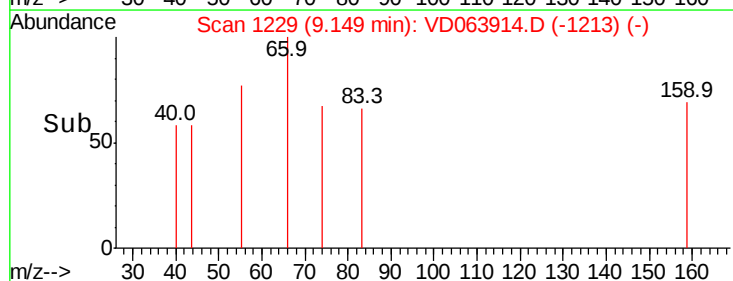
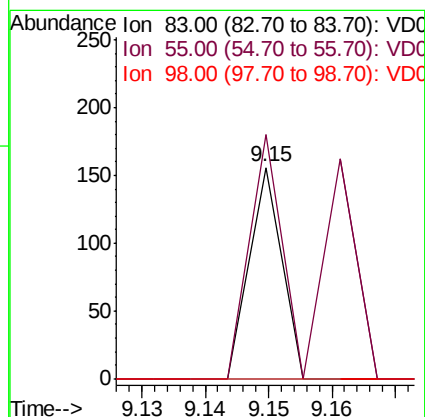
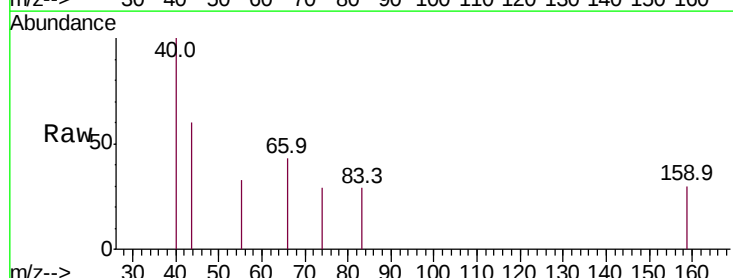
Instrument :
MSVOA_D
ClientSampleId :
20190853-COMPOSITE-E

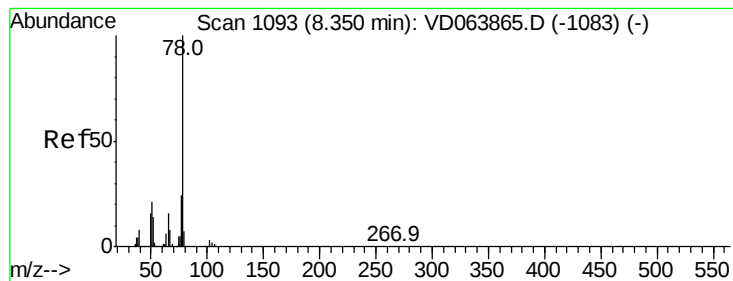
Tot Ion:117 Resp: 62
Ion Ratio Lower Upper
117 100
119 0.0 70.8 106.2#
121 0.0 21.4 32.0#



#39
Methylcyclohexane
Concen: 2.354 ug/l
RT: 9.15 min Scan# 1229
Delta R.T. -0.21 min
Lab File: VD063914.D
Acq: 10 Oct 2019 17:06

Tgt Ion: 83 Resp: 55
Ion Ratio Lower Upper
83 100
55 115.4 61.3 91.9#
98 0.0 39.3 58.9#





#40

Benzene

Concen: 1.286 ug/l

RT: 8.41 min Scan# 1104

Delta R.T. 0.06 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

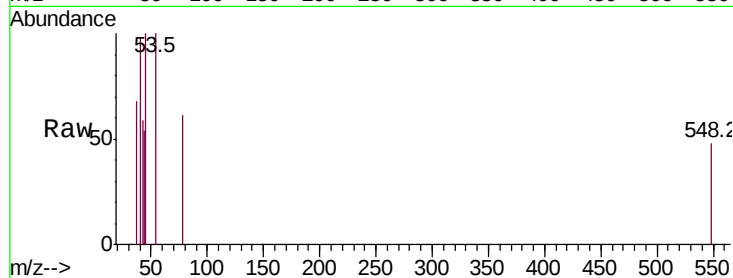
20190853-COMPOSITE-E

Tot Ion: 78 Resp: 70

Ion Ratio Lower Upper

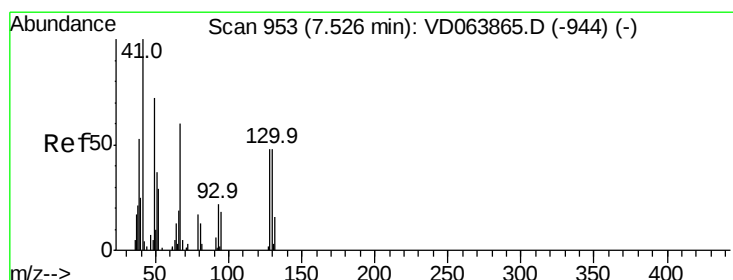
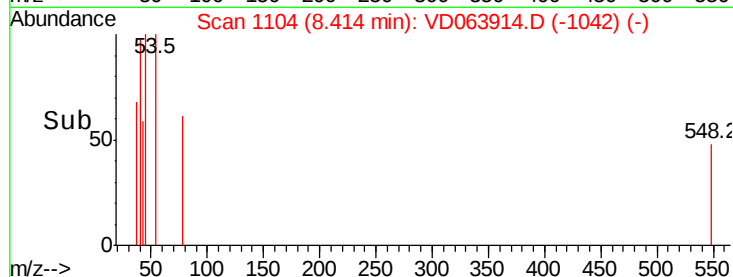
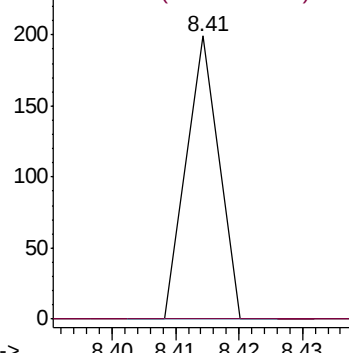
78 100

77 0.0 19.0 28.6#



Abundance Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC



#41

Methacrylonitrile

Concen: 16.572 ug/l

RT: 7.54 min Scan# 956

Delta R.T. 0.02 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

Tgt Ion: 41 Resp: 73

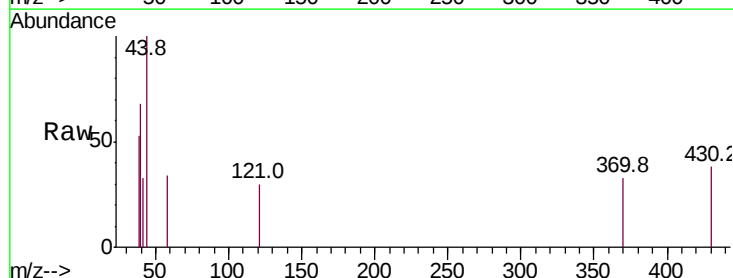
Ion Ratio Lower Upper

41 100

39 245.2 52.6 78.8#

67 76.7 74.2 111.2

52 0.0 34.0 51.0#

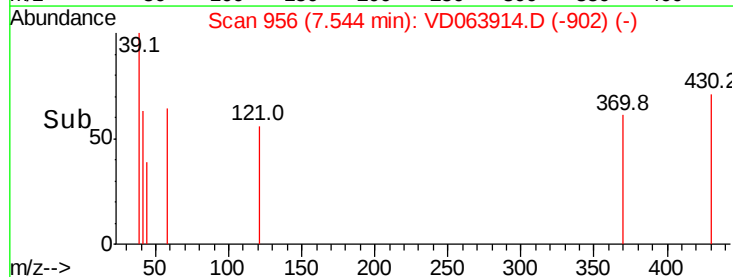
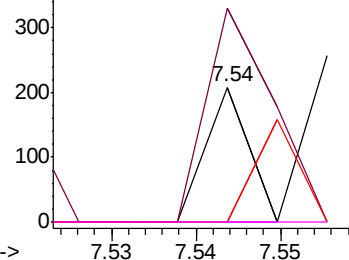


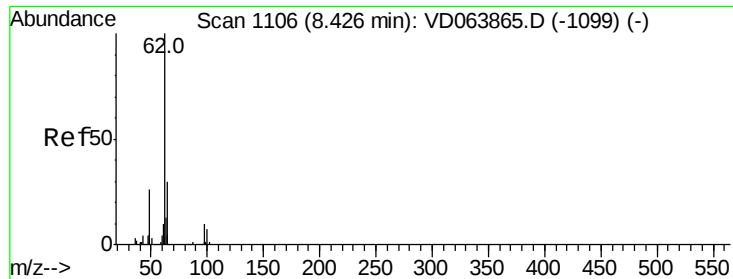
Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC





#42

1,2-Dichloroethane

Concen: 10.286 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

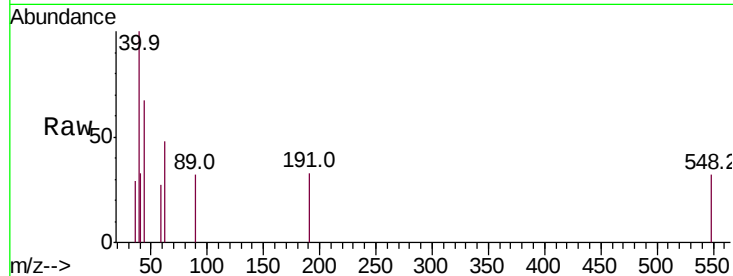
20190853-COMPOSITE-E

Tot Ion: 62 Resp: 162

Ion Ratio Lower Upper

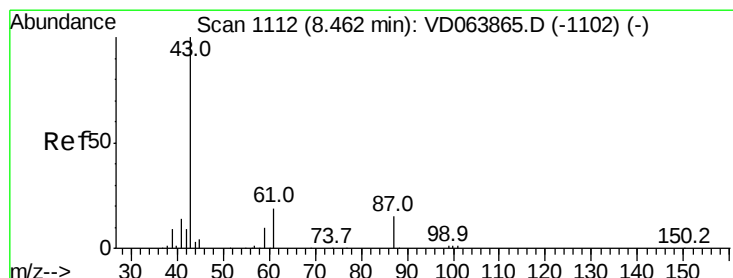
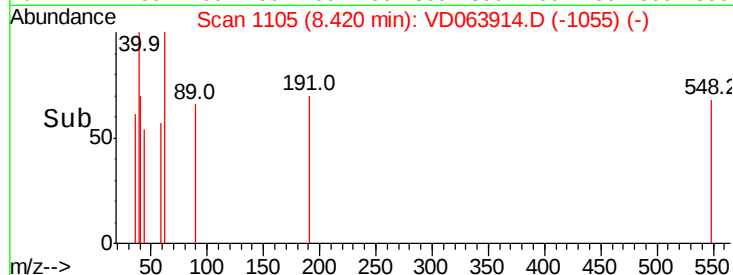
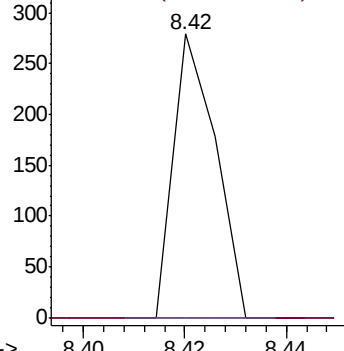
62 100

98 0.0 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#43

Isopropyl Acetate

Concen: 4.456 ug/l

RT: 8.48 min Scan# 1116

Delta R.T. 0.02 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

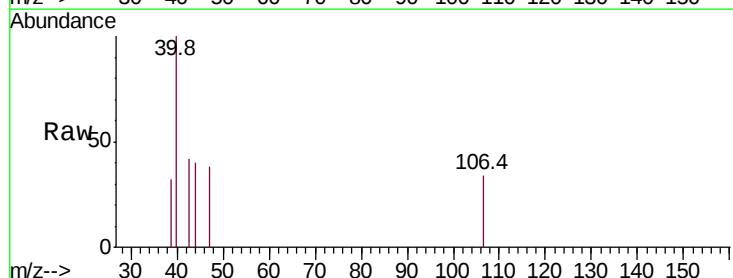
Tgt Ion: 43 Resp: 71

Ion Ratio Lower Upper

43 100

61 91.5 25.7 38.5#

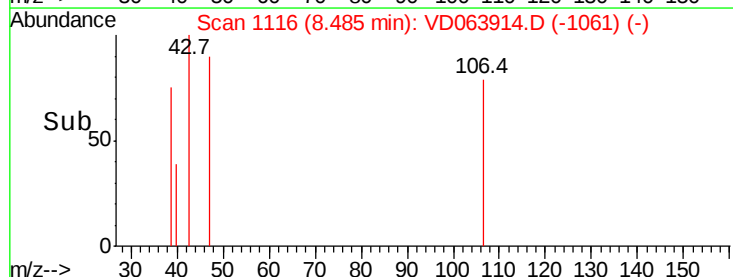
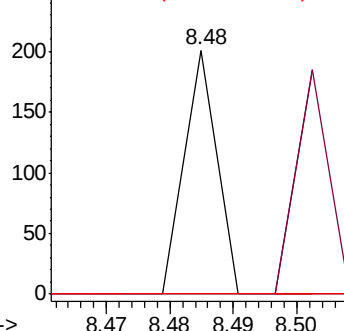
87 0.0 11.6 17.4#

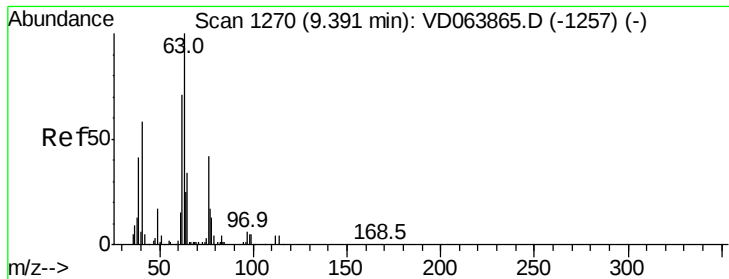


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

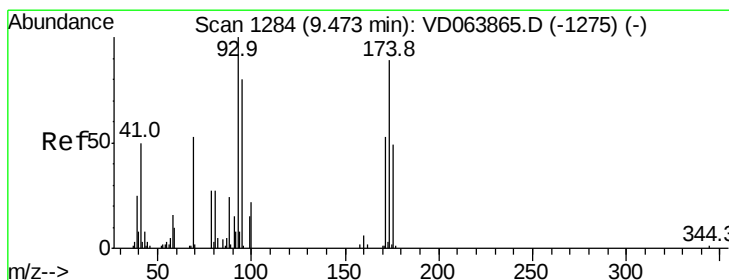
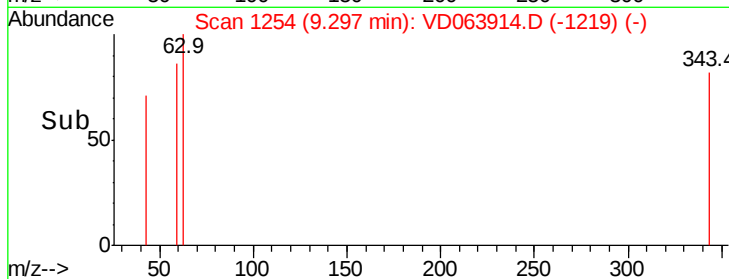
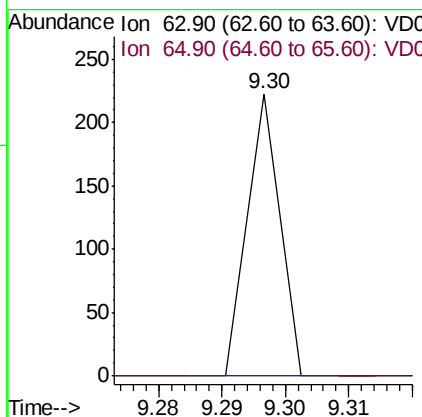
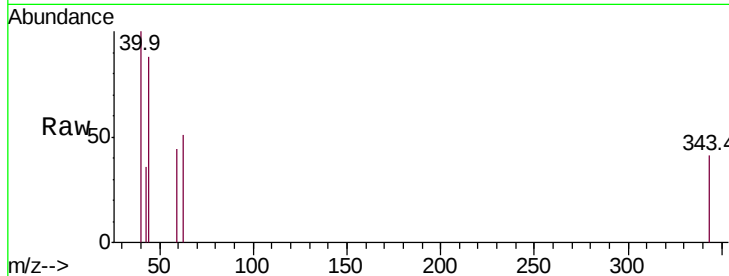




#45
 1,2-Dichloropropane
 Concen: 5.928 ug/l
 RT: 9.30 min Scan# 1254
 Delta R.T. -0.09 min
 Lab File: VD063914.D
 Acq: 10 Oct 2019 17:06

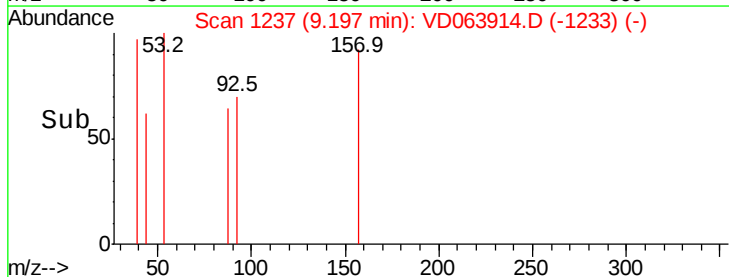
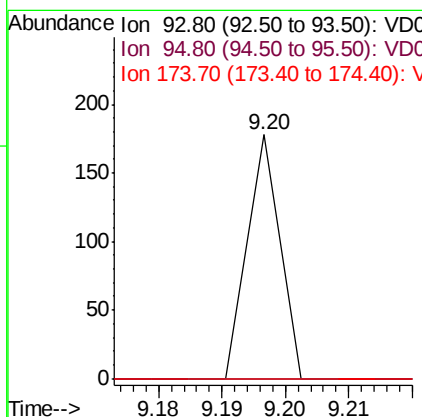
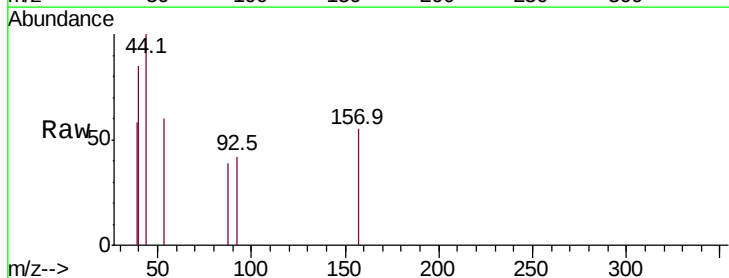
Instrument :
 MSVOA_D
 ClientSampleId :
 20190853-COMPOSITE-E

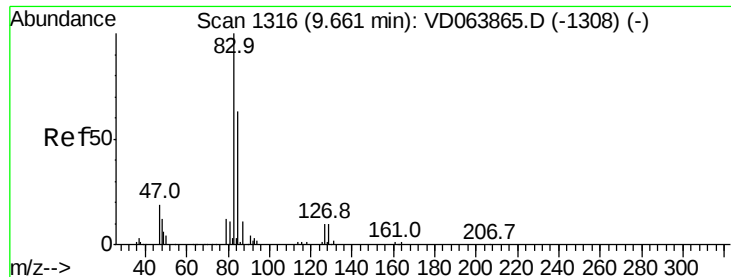
Tot Ion: 63 Resp: 79
 Ion Ratio Lower Upper
 63 100
 65 0.0 27.3 40.9#



#46
 Dibromomethane
 Concen: 8.301 ug/l
 RT: 9.20 min Scan# 1237
 Delta R.T. -0.28 min
 Lab File: VD063914.D
 Acq: 10 Oct 2019 17:06

Tgt Ion: 93 Resp: 63
 Ion Ratio Lower Upper
 93 100
 95 0.0 66.0 99.0#
 174 0.0 83.4 125.0#





#47

Bromodichloromethane

Concen: 2.866 ug/l

RT: 9.91 min Scan# 1359

Delta R.T. 0.25 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

20190853-COMPOSITE-E

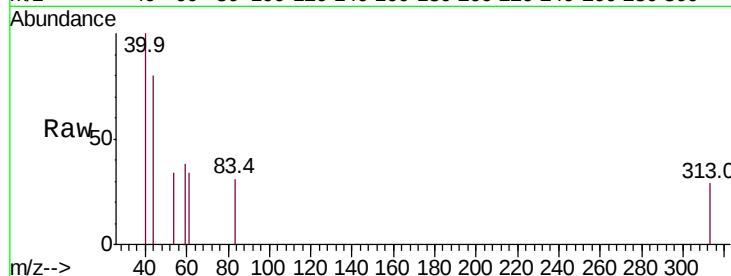
Tot Ion: 83 Resp: 56

Ion Ratio Lower Upper

83 100

85 0.0 50.2 75.2#

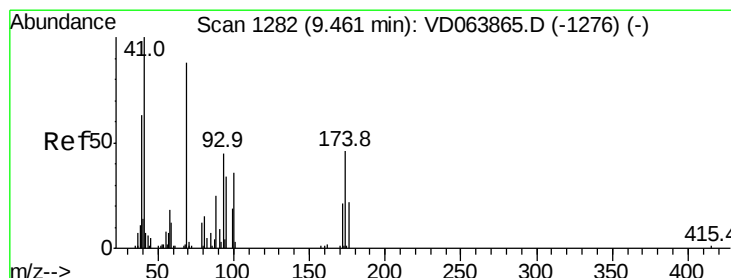
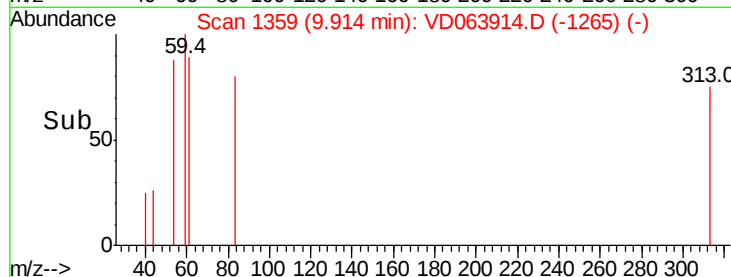
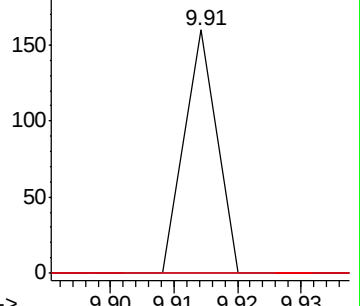
127 0.0 7.6 11.4#



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 11.527 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

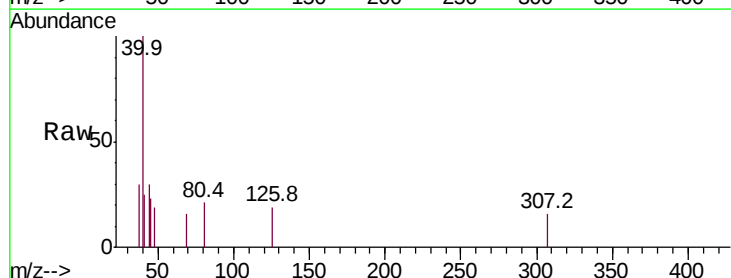
Tgt Ion: 41 Resp: 88

Ion Ratio Lower Upper

41 100

69 63.6 75.1 112.7#

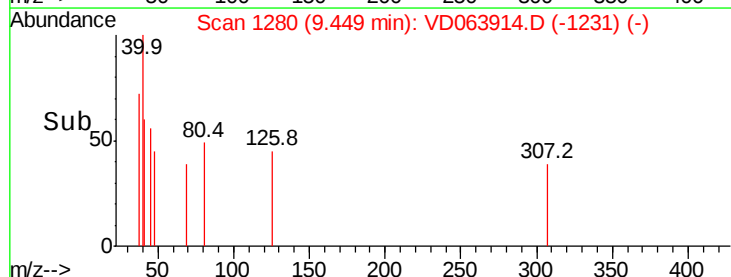
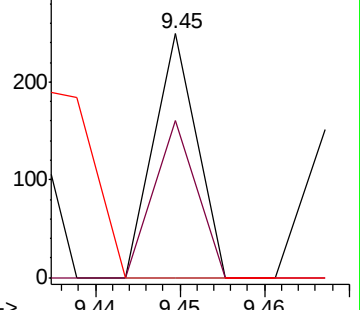
39 0.0 50.2 75.2#

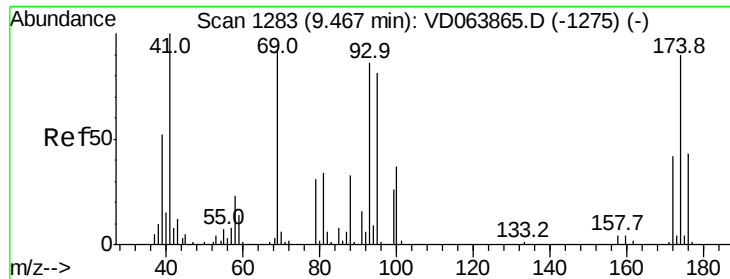


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 1167.951 ug/l

RT: 9.50 min Scan# 1288

Delta R.T. 0.03 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

20190853-COMPOSITE-E

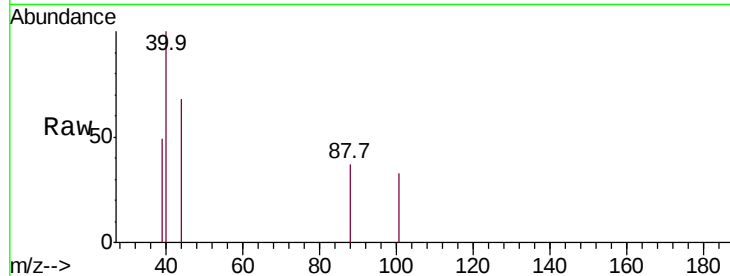
Tot Ion: 88 Resp: 121

Ion Ratio Lower Upper

88 100

43 0.0 27.6 41.4#

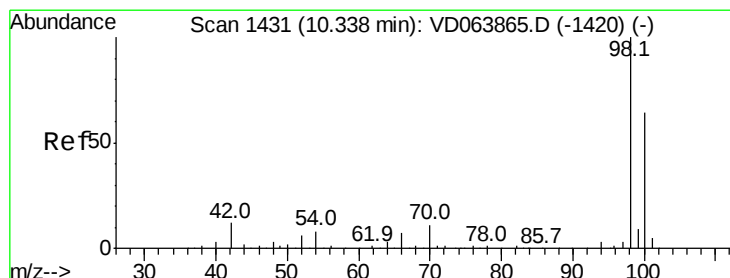
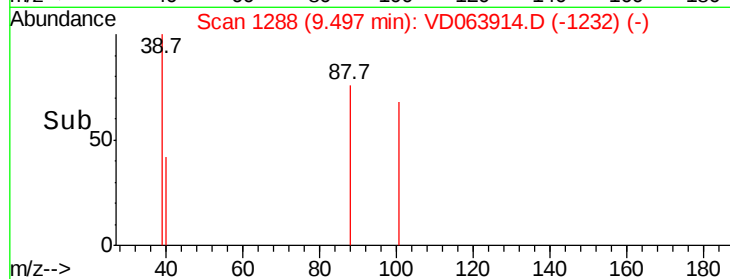
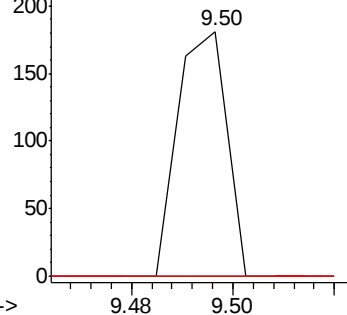
58 0.0 54.1 81.1#



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 49.782 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD063914.D

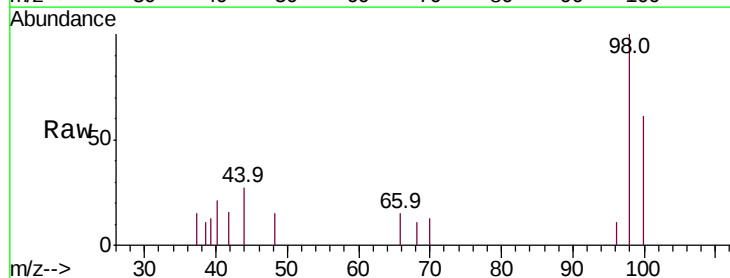
Acq: 10 Oct 2019 17:06

Tgt Ion: 98 Resp: 2566

Ion Ratio Lower Upper

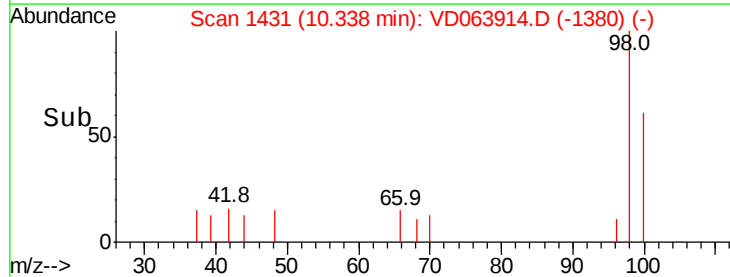
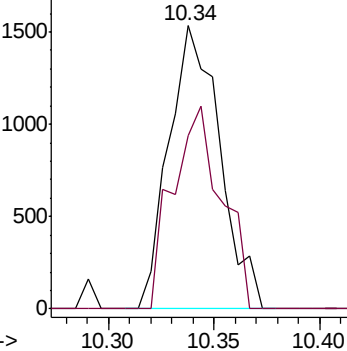
98 100

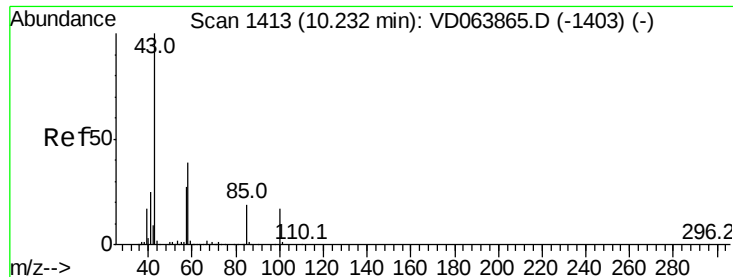
100 69.3 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 24.808 ug/l

RT: 10.18 min Scan# 1405

Delta R.T. -0.05 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

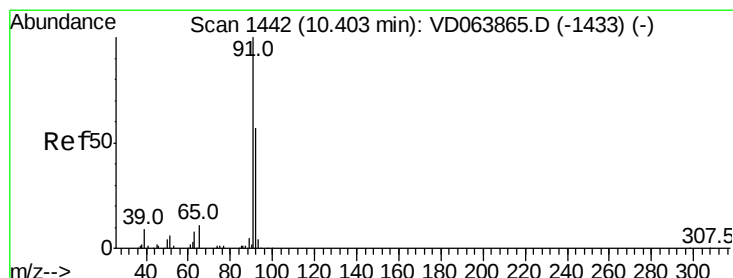
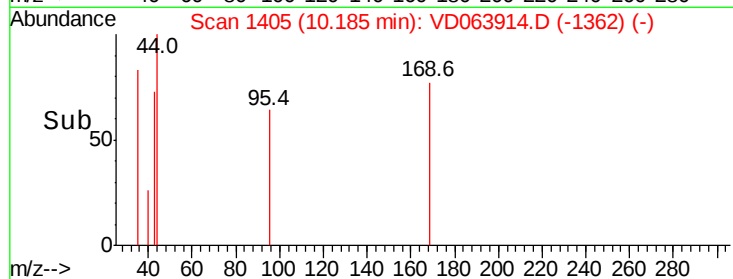
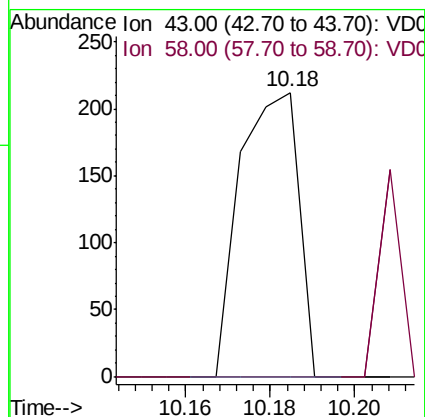
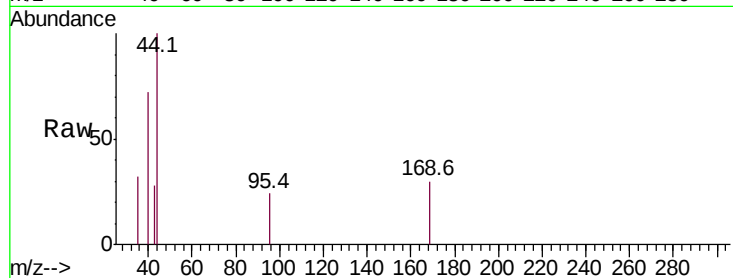
20190853-COMPOSITE-E

Tot Ion: 43 Resp: 205

Ion Ratio Lower Upper

43 100

58 0.0 33.0 49.4#



#52

Toluene

Concen: 1.686 ug/l

RT: 10.64 min Scan# 1482

Delta R.T. 0.24 min

Lab File: VD063914.D

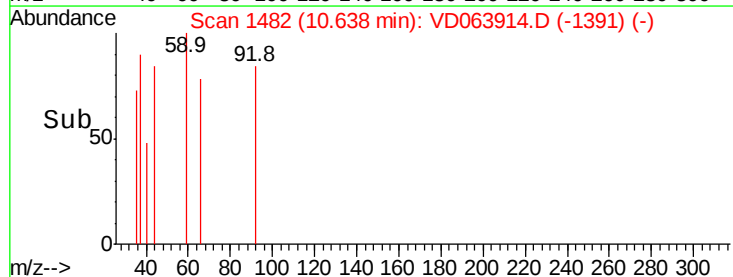
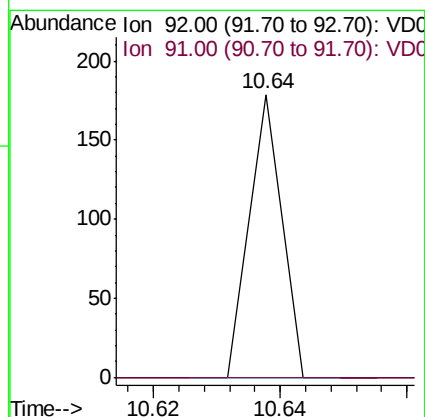
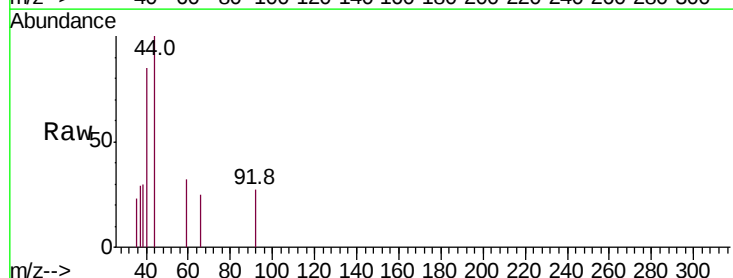
Acq: 10 Oct 2019 17:06

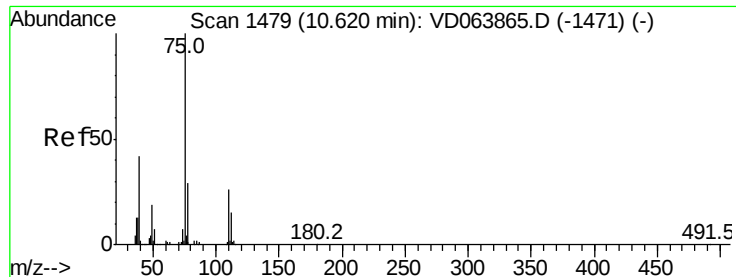
Tgt Ion: 92 Resp: 63

Ion Ratio Lower Upper

92 100

91 0.0 139.5 209.3#





#53

t-1,3-Dichloropropene

Concen: 7.185 ug/l

RT: 10.75 min Scan# 1501

Delta R.T. 0.13 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

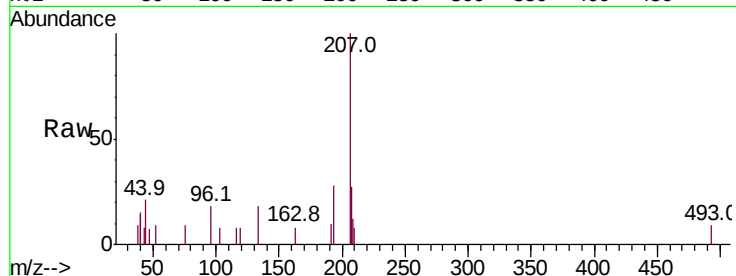
20190853-COMPOSITE-E

Tot Ion: 75 Resp: 137

Ion Ratio Lower Upper

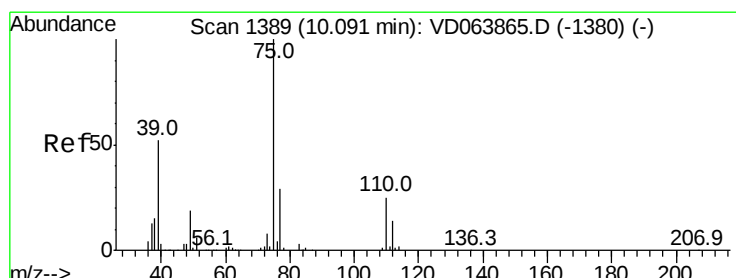
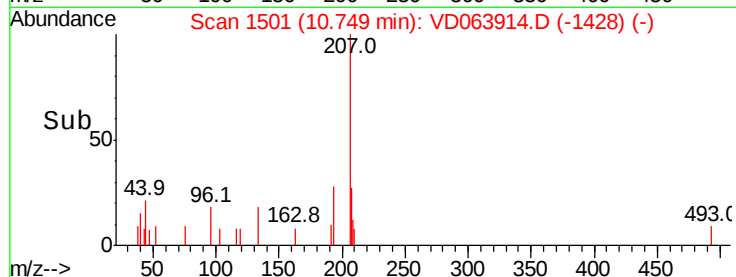
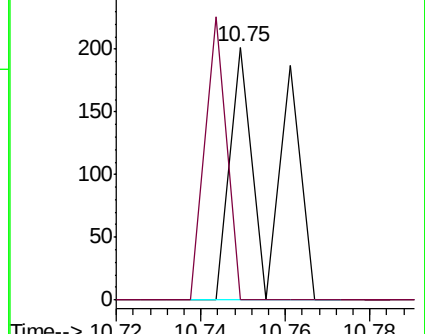
75 100

77 0.0 22.8 34.2#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 3.280 ug/l

RT: 10.11 min Scan# 1393

Delta R.T. 0.02 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

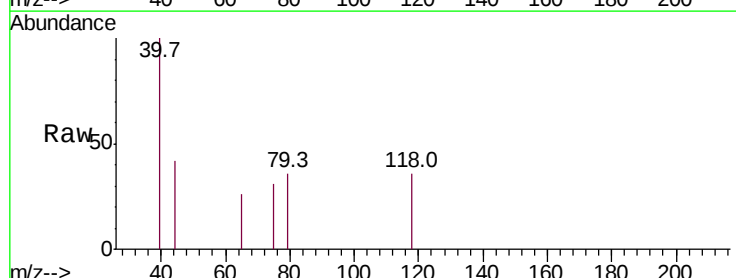
Tgt Ion: 75 Resp: 72

Ion Ratio Lower Upper

75 100

77 0.0 23.2 34.8#

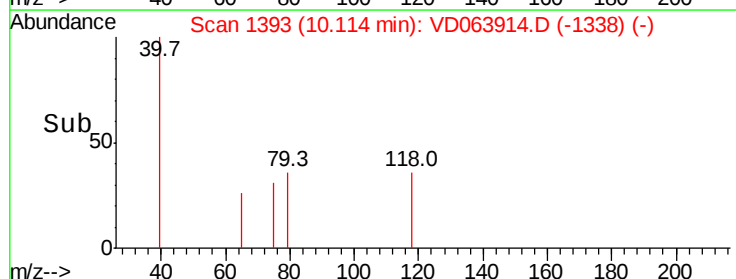
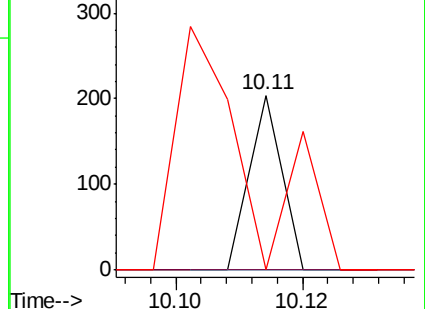
39 318.6 41.5 62.3#

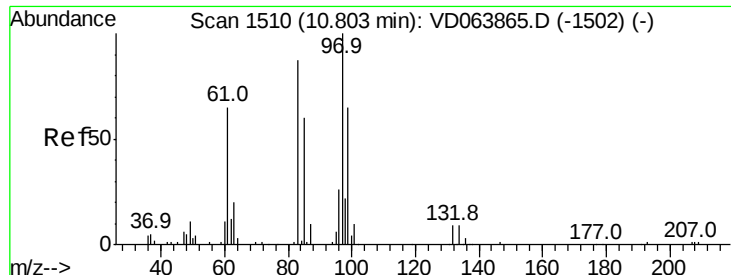


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

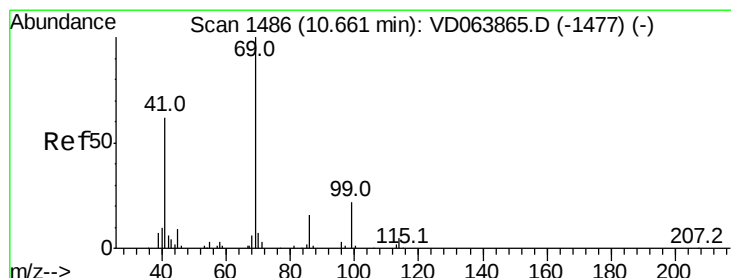
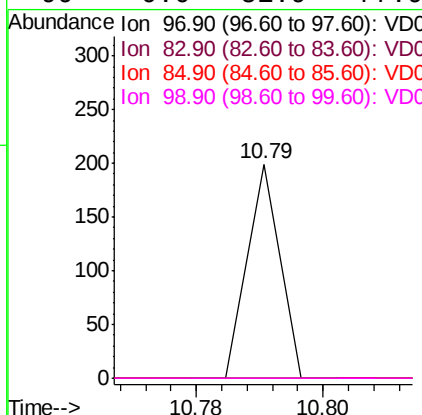
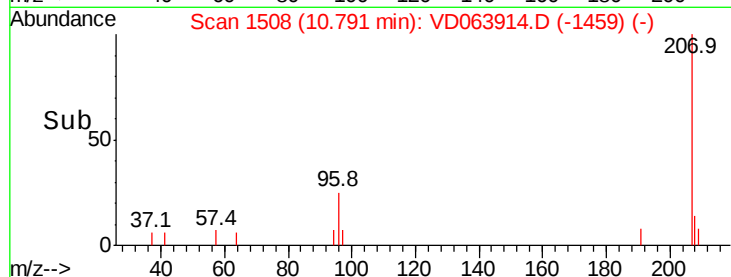
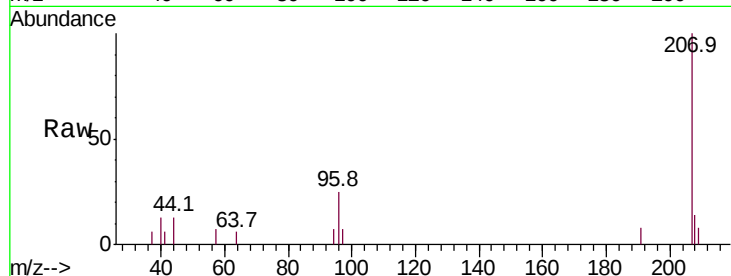




#55
 1,1,2-Trichloroethane
 Concen: 6.532 ug/l
 RT: 10.79 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: VD063914.D
 Acq: 10 Oct 2019 17:06

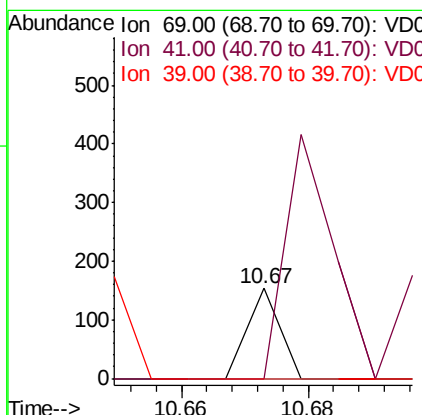
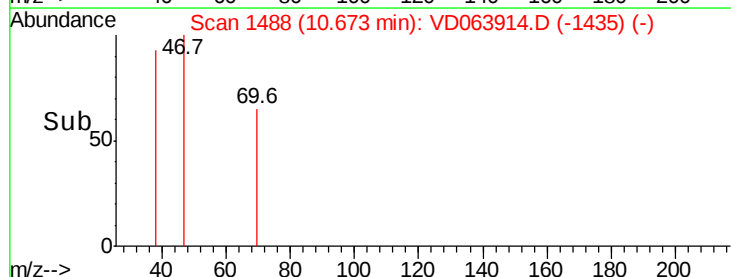
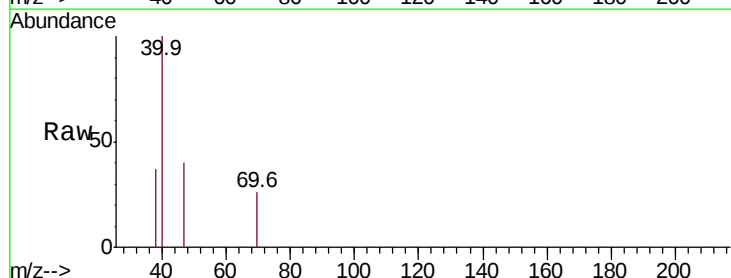
Instrument :
 MSVOA_D
 ClientSampleId :
 20190853-COMPOSITE-E

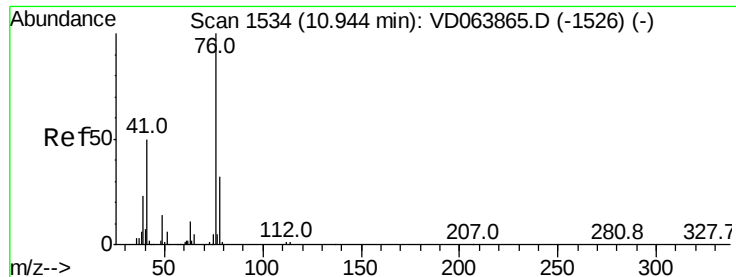
Tot Ion: 97 Resp: 70
 Ion Ratio Lower Upper
 97 100
 83 0.0 69.7 104.5#
 85 0.0 48.1 72.1#
 99 0.0 51.9 77.9#



#56
 Ethyl methacrylate
 Concen: 3.979 ug/l
 RT: 10.67 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VD063914.D
 Acq: 10 Oct 2019 17:06

Tgt Ion: 69 Resp: 54
 Ion Ratio Lower Upper
 69 100
 41 516.7 51.3 76.9#
 39 0.0 28.0 42.0#





#57

1,3-Dichloropropane

Concen: 3.981 ug/l

RT: 11.13 min Scan# 1566

Delta R.T. 0.19 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

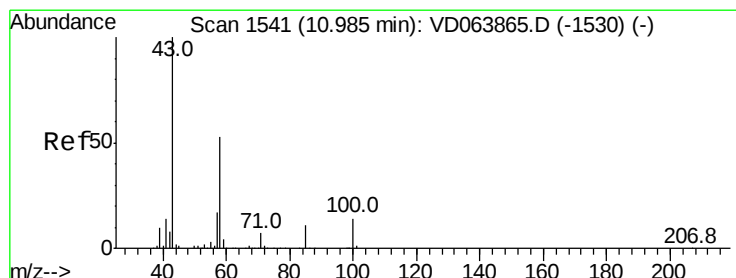
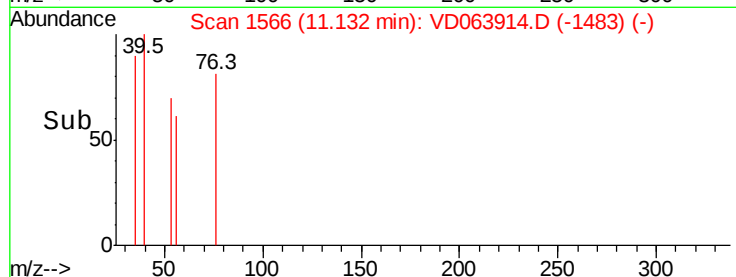
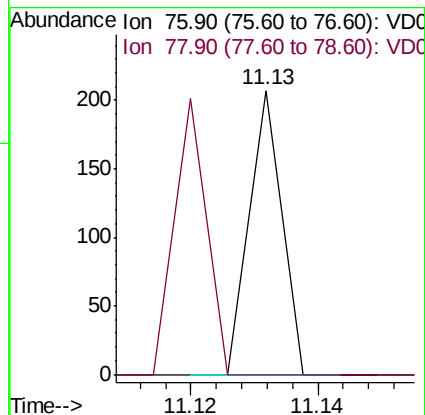
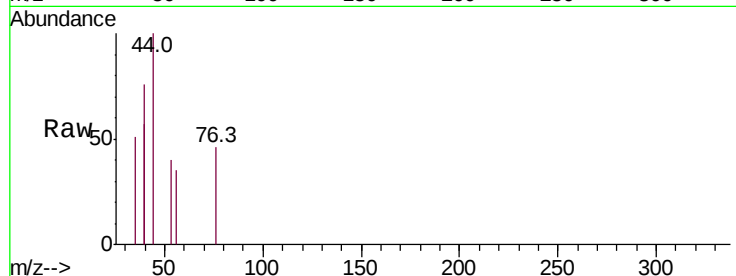
20190853-COMPOSITE-E

Tot Ion: 76 Resp: 73

Ion Ratio Lower Upper

76 100

78 97.3 26.6 40.0#



#59

2-Hexanone

Concen: 17.900 ug/l

RT: 10.76 min Scan# 1502

Delta R.T. -0.23 min

Lab File: VD063914.D

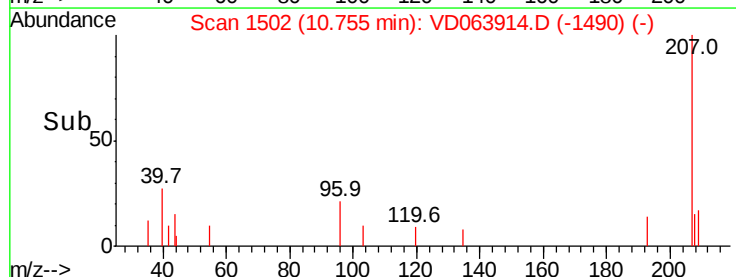
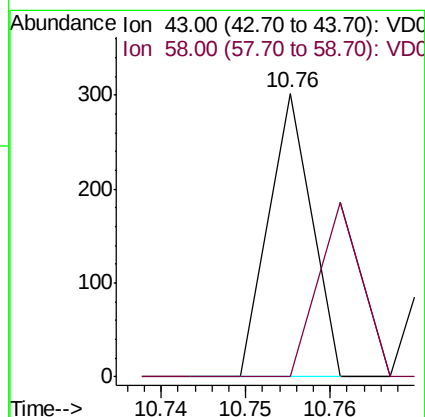
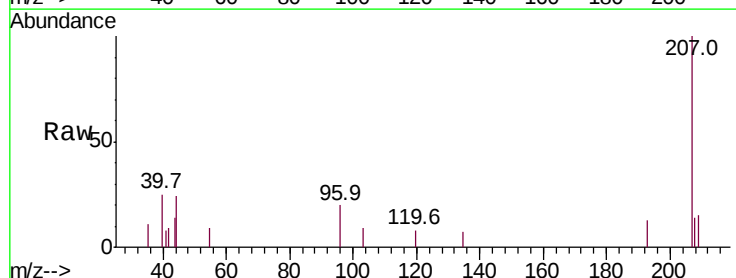
Acq: 10 Oct 2019 17:06

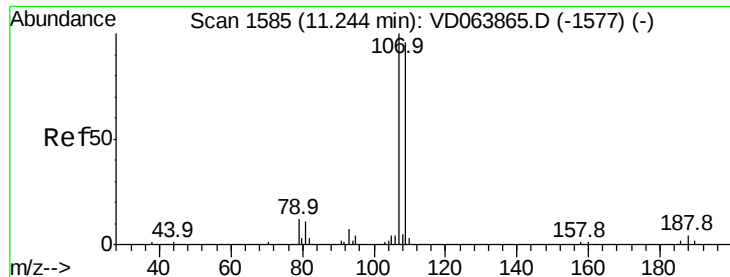
Tgt Ion: 43 Resp: 107

Ion Ratio Lower Upper

43 100

58 61.7 27.7 83.0

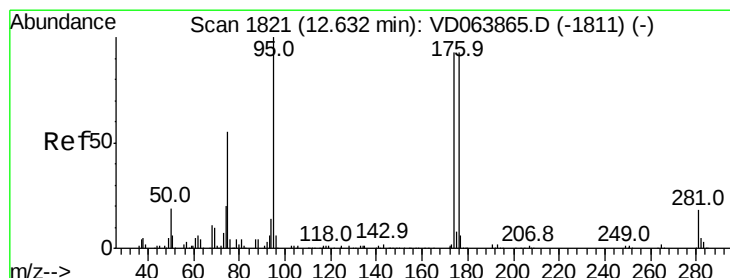
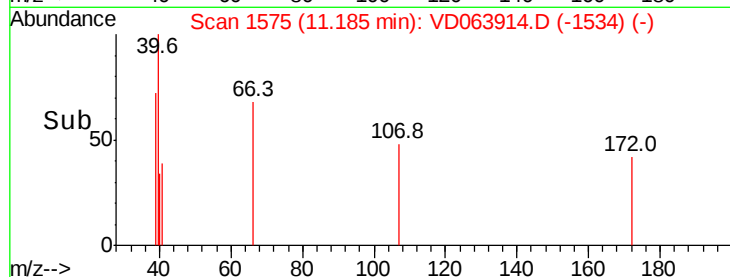
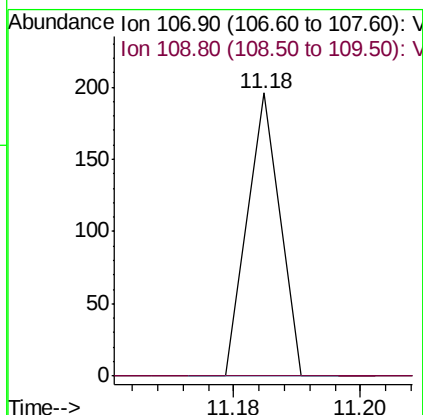
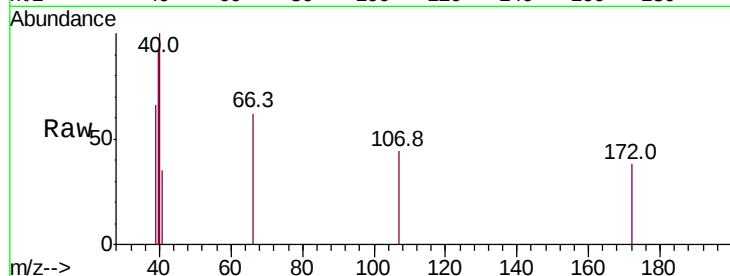




#61
 1,2-Dibromoethane
 Concen: 6.642 ug/l
 RT: 11.18 min Scan# 1575
 Delta R.T. -0.06 min
 Lab File: VD063914.D
 Acq: 10 Oct 2019 17:06

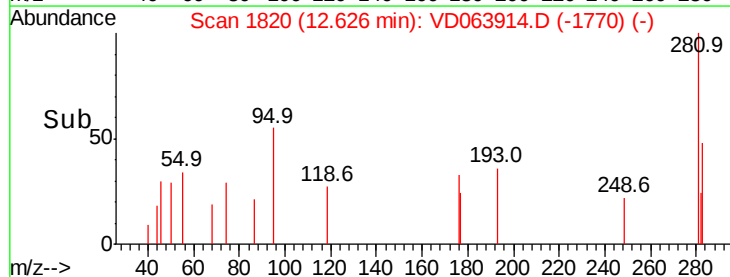
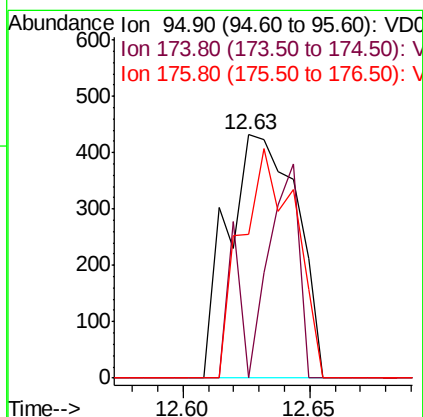
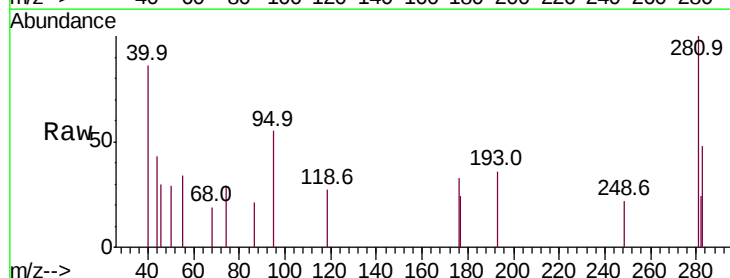
Instrument :
 MSVOA_D
 ClientSampleId :
 20190853-COMPOSITE-E

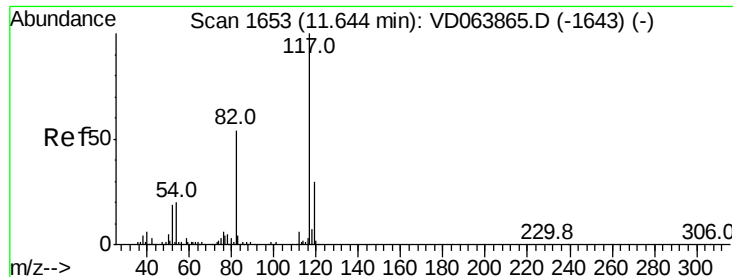
Tot Ion: 107 Resp: 69
 Ion Ratio Lower Upper
 107 100
 109 0.0 75.2 112.8#



#62
 4-Bromofluorobenzene
 Concen: 45.724 ug/l
 RT: 12.63 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: VD063914.D
 Acq: 10 Oct 2019 17:06

Tgt Ion: 95 Resp: 819
 Ion Ratio Lower Upper
 95 100
 174 12.0 0.0 186.4
 176 73.5 0.0 184.2

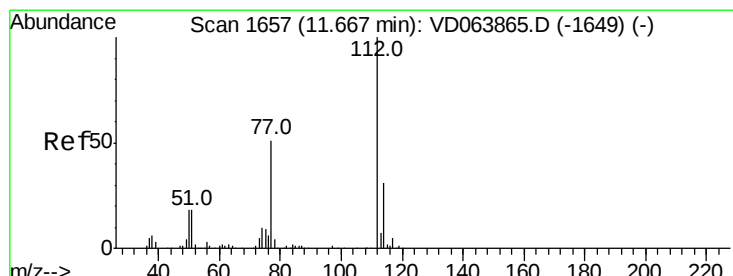
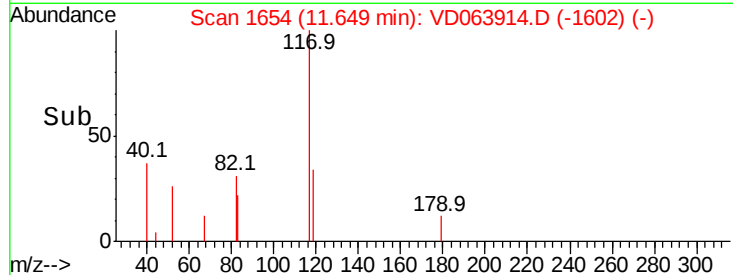
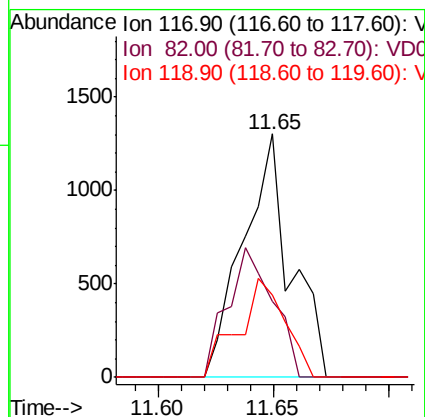
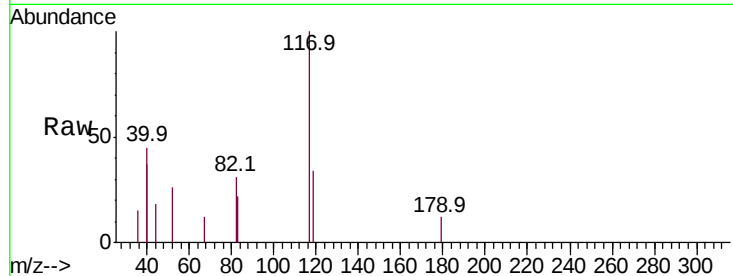




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD063914.D
Acq: 10 Oct 2019 17:06

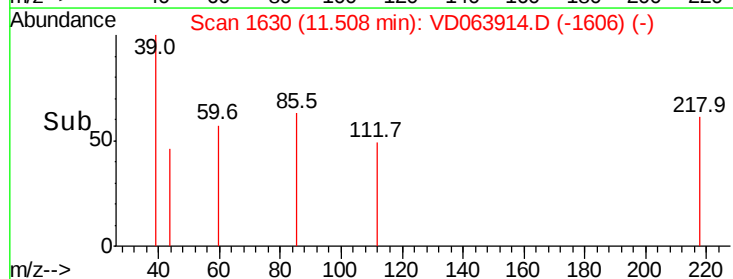
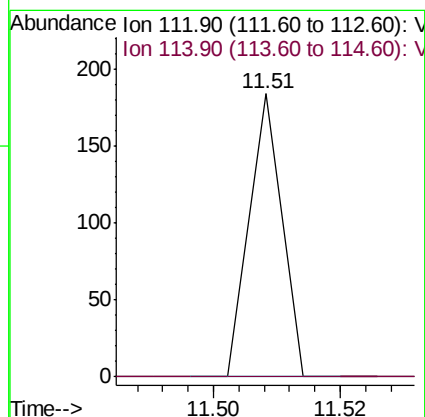
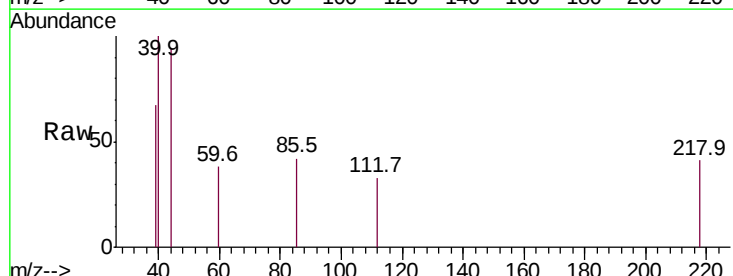
Instrument :
MSVOA_D
ClientSampleId :
20190853-COMPOSITE-E

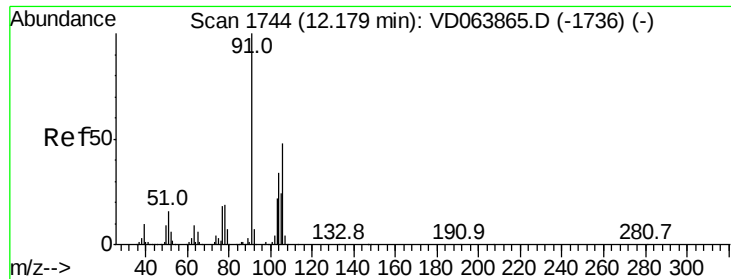
Tot Ion:117 Resp: 1853
Ion Ratio Lower Upper
117 100
82 31.2 42.8 64.2#
119 34.0 24.4 36.6



#65
Chlorobenzene
Concen: 1.747 ug/l
RT: 11.51 min Scan# 1630
Delta R.T. -0.16 min
Lab File: VD063914.D
Acq: 10 Oct 2019 17:06

Tgt Ion:112 Resp: 65
Ion Ratio Lower Upper
112 100
114 0.0 25.1 37.7#

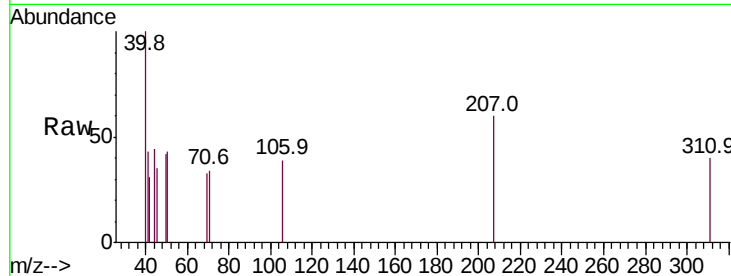




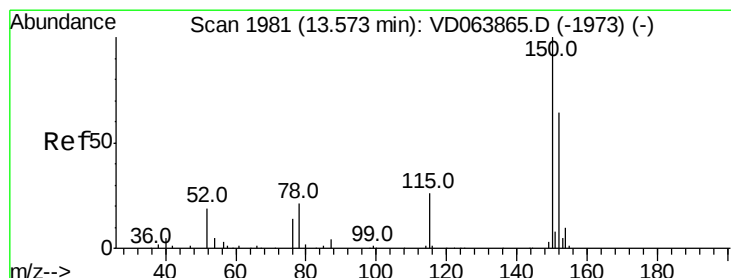
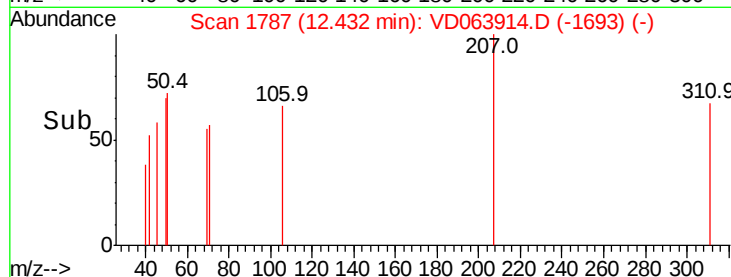
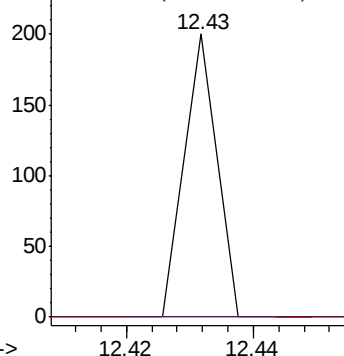
#69
o-Xylene
Concen: 2.863 ug/l
RT: 12.43 min Scan# 1787
Delta R.T. 0.25 min
Lab File: VD063914.D
Acq: 10 Oct 2019 17:06

Instrument :
MSVOA_D
ClientSampleId :
20190853-COMPOSITE-E

Tot Ion:106 Resp: 71
Ion Ratio Lower Upper
106 100
91 0.0 103.9 311.7#

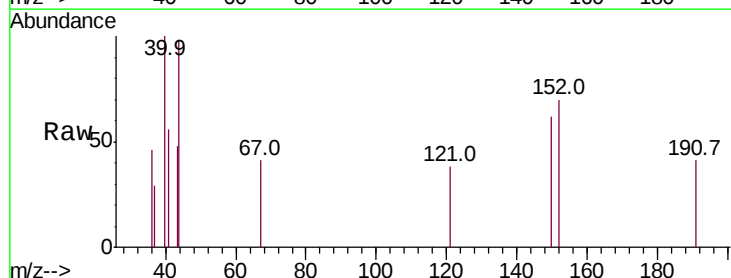


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

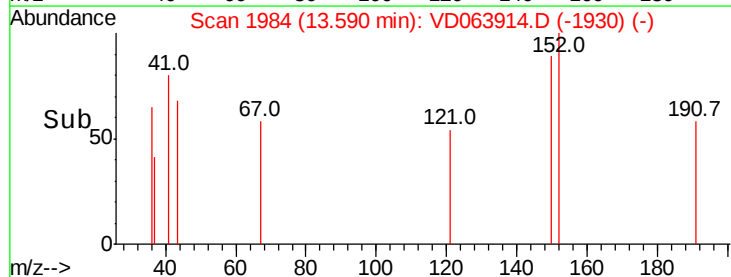
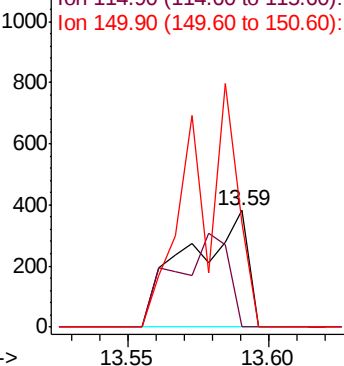


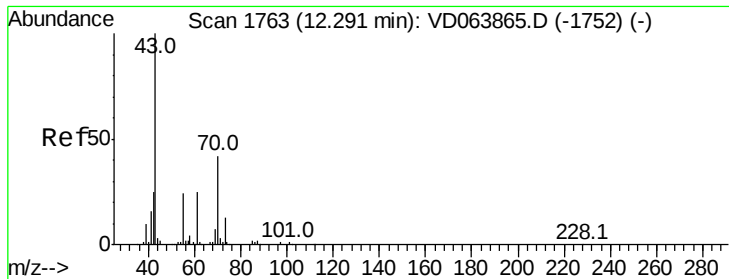
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.59 min Scan# 1984
Delta R.T. 0.02 min
Lab File: VD063914.D
Acq: 10 Oct 2019 17:06

Tgt Ion:152 Resp: 554
Ion Ratio Lower Upper
152 100
115 71.5 25.9 77.7
150 85.4 0.0 344.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 7.607 ug/l

RT: 12.34 min Scan# 1771

Delta R.T. 0.05 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

20190853-COMPOSITE-E

Tot Ion: 43 Resp: 61

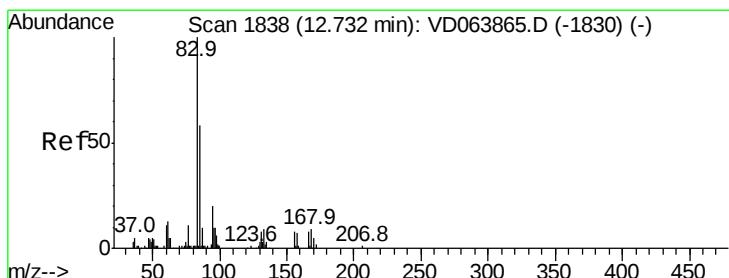
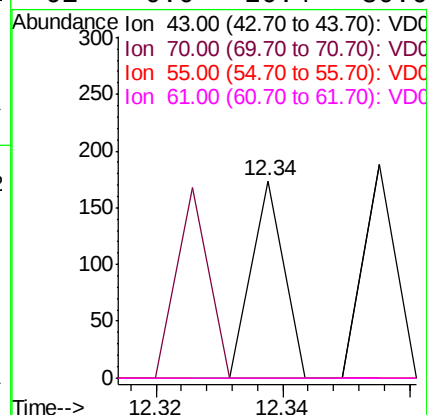
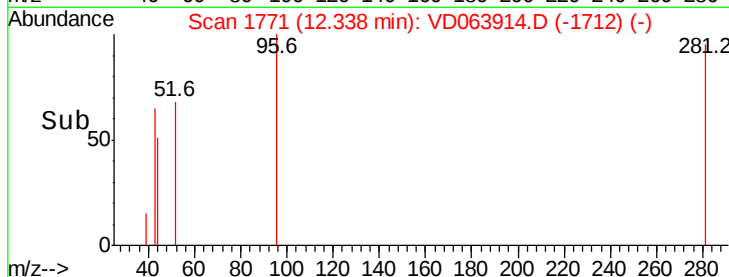
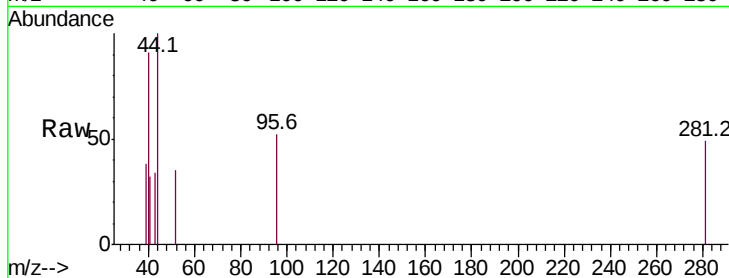
Ion Ratio Lower Upper

43 100

70 96.7 35.8 53.6#

55 0.0 19.4 29.0#

61 0.0 20.4 30.6#



#75

1,1,2,2-Tetrachloroethane

Concen: 8.332 ug/l

RT: 12.52 min Scan# 1802

Delta R.T. -0.21 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

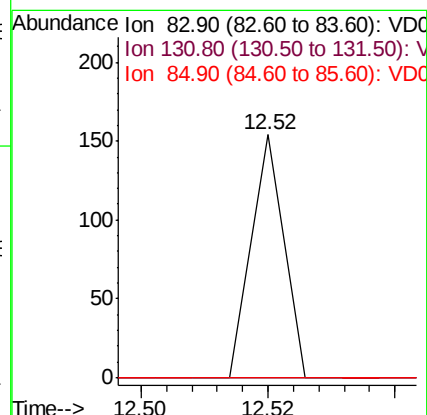
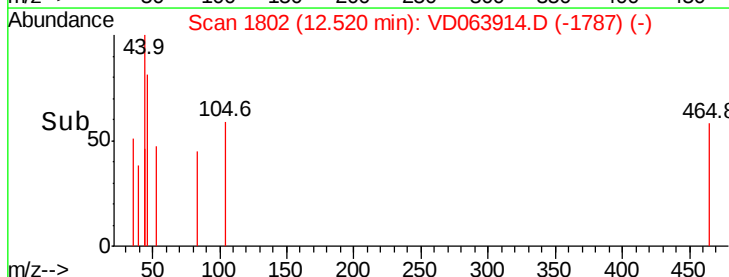
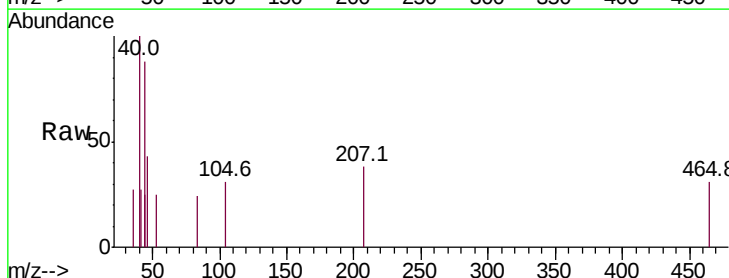
Tgt Ion: 83 Resp: 54

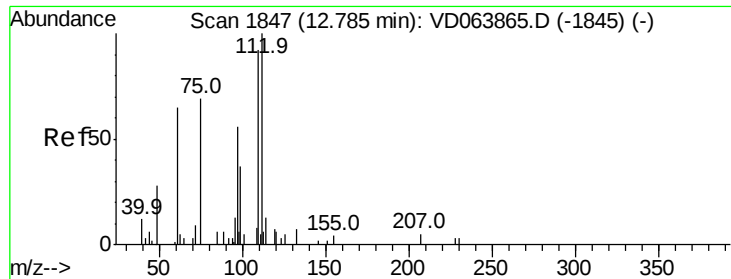
Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

85 0.0 32.3 96.8#

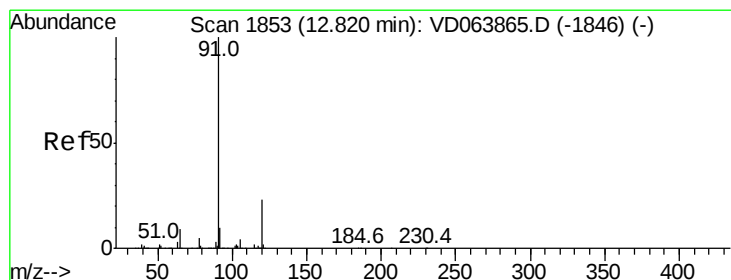
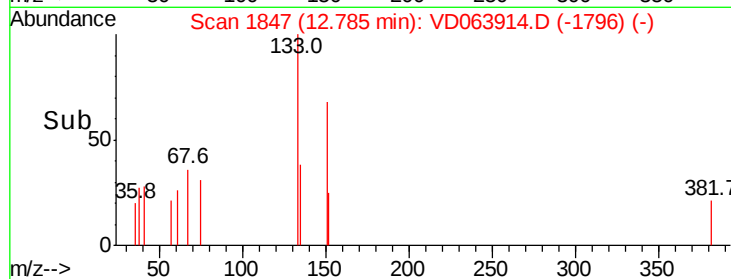
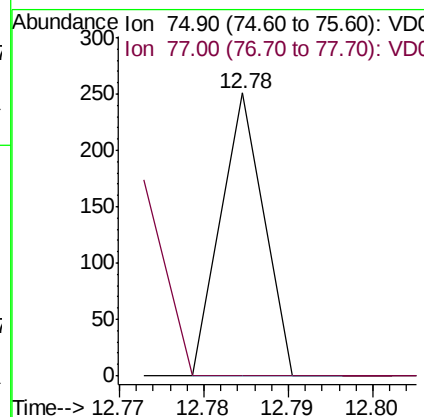
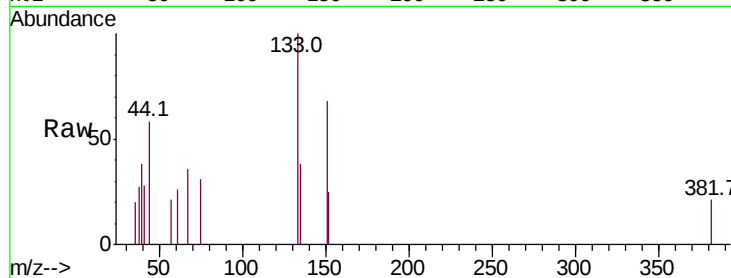




#76
 1,2,3-Trichloropropane
 Concen: 23.986 ug/l
 RT: 12.78 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: VD063914.D
 Acq: 10 Oct 2019 17:06

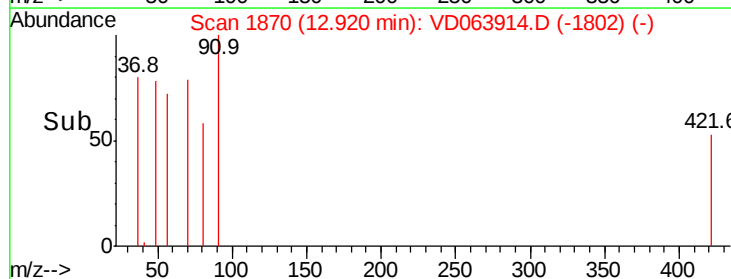
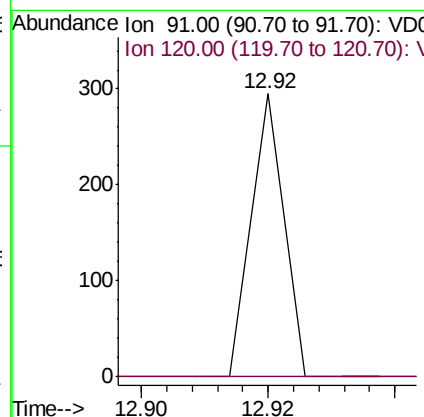
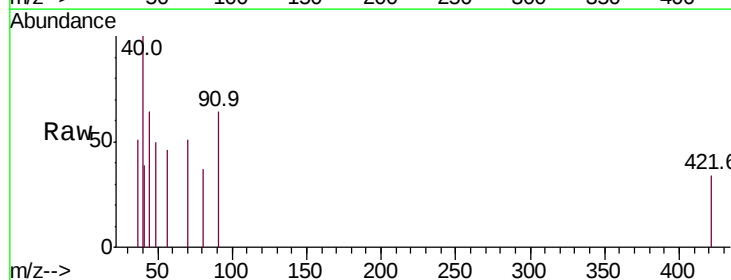
Instrument :
 MSVOA_D
 ClientSampleId :
 20190853-COMPOSITE-E

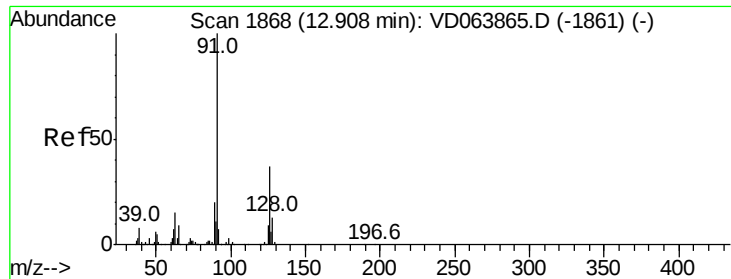
Tot Ion: 75 Resp: 89
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#78
 n-propylbenzene
 Concen: 2.379 ug/l
 RT: 12.92 min Scan# 1870
 Delta R.T. 0.10 min
 Lab File: VD063914.D
 Acq: 10 Oct 2019 17:06

Tgt Ion: 91 Resp: 104
 Ion Ratio Lower Upper
 91 100
 120 0.0 12.0 36.0#





#79

2-Chlorotoluene

Concen: 4.315 ug/l

RT: 12.92 min Scan# 1870

Delta R.T. 0.01 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

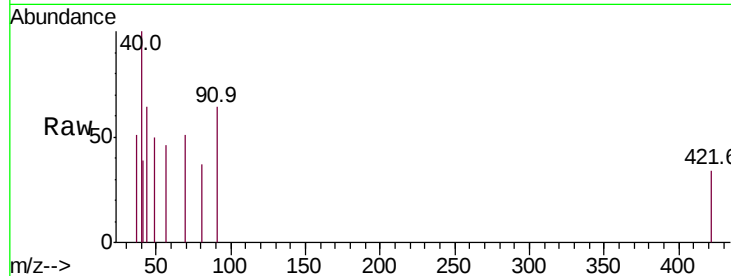
20190853-COMPOSITE-E

Tot Ion: 91 Resp: 104

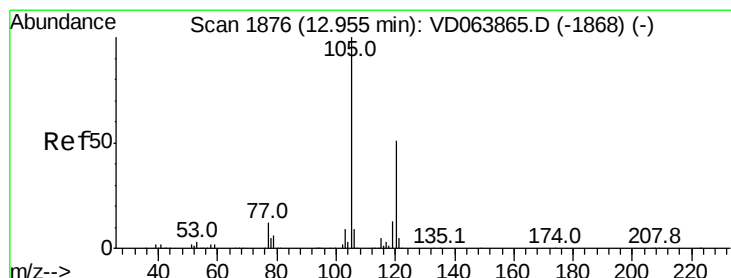
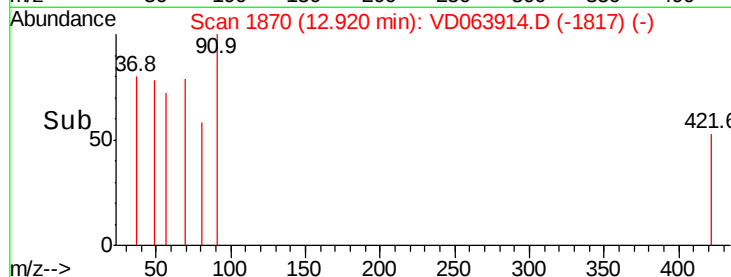
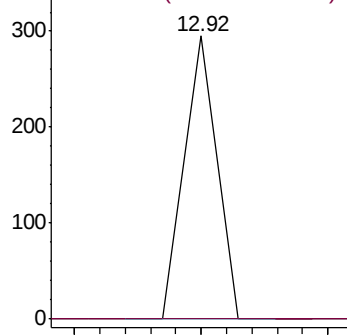
Ion Ratio Lower Upper

91 100

126 0.0 18.4 55.2#



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 1.931 ug/l

RT: 12.80 min Scan# 1849

Delta R.T. -0.16 min

Lab File: VD063914.D

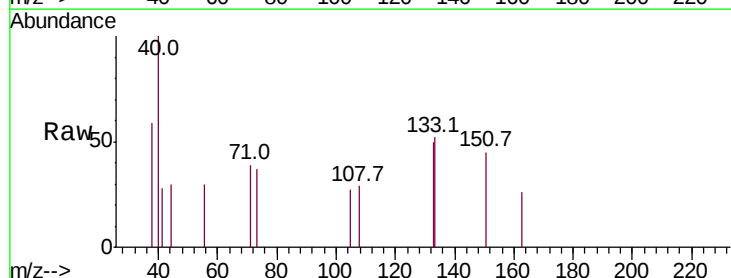
Acq: 10 Oct 2019 17:06

Tgt Ion: 105 Resp: 60

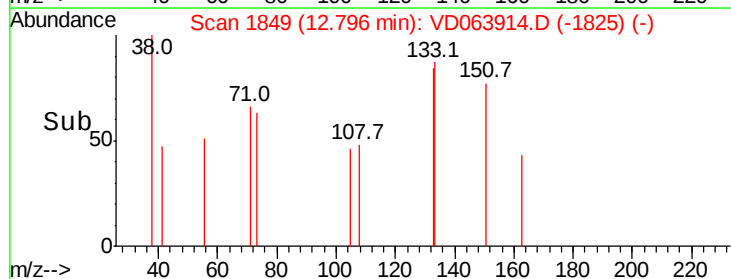
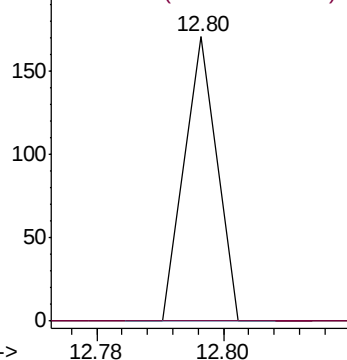
Ion Ratio Lower Upper

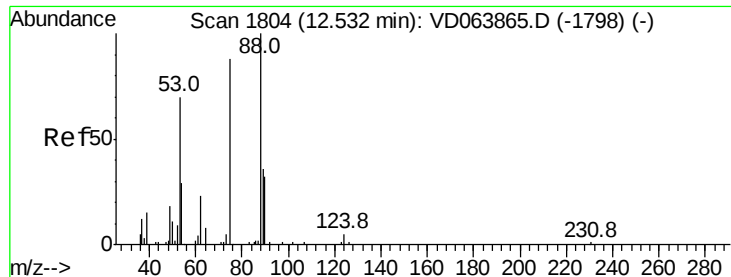
105 100

120 0.0 25.9 77.8#



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 81.075 ug/l

RT: 12.61 min Scan# 1818

Delta R.T. 0.08 min

Lab File: VD063914.D

Acq: 10 Oct 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

20190853-COMPOSITE-E

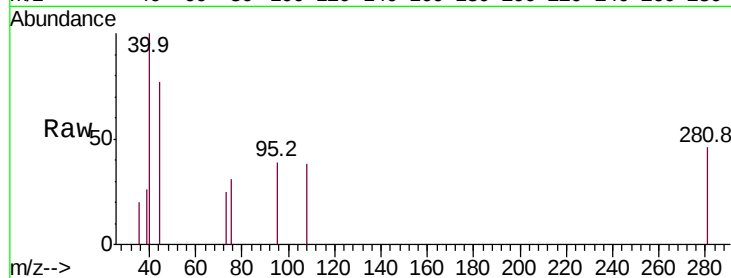
Tot Ion: 75 Resp: 170

Ion Ratio Lower Upper

75 100

53 0.0 75.0 112.6#

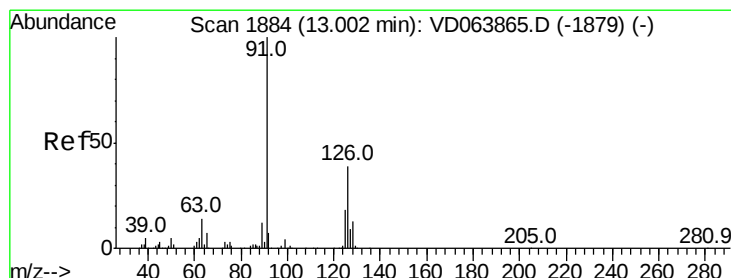
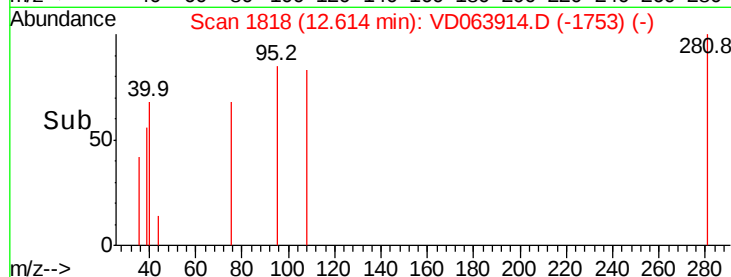
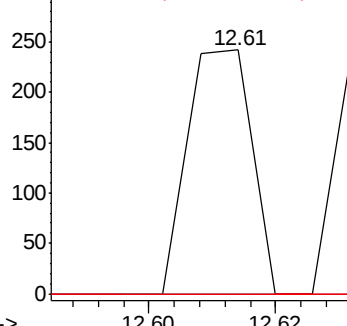
89 0.0 38.2 57.4#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 2.346 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VD063914.D

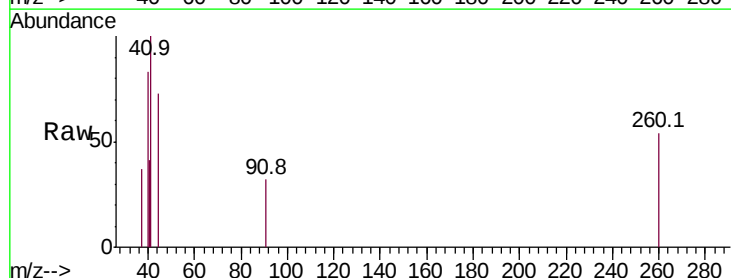
Acq: 10 Oct 2019 17:06

Tgt Ion: 91 Resp: 60

Ion Ratio Lower Upper

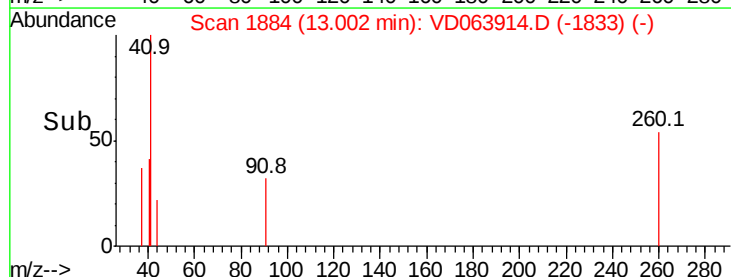
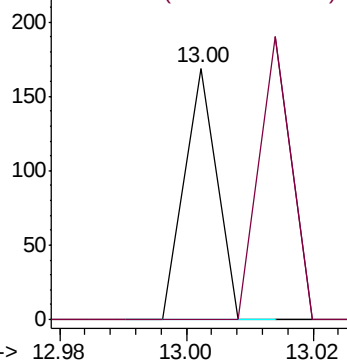
91 100

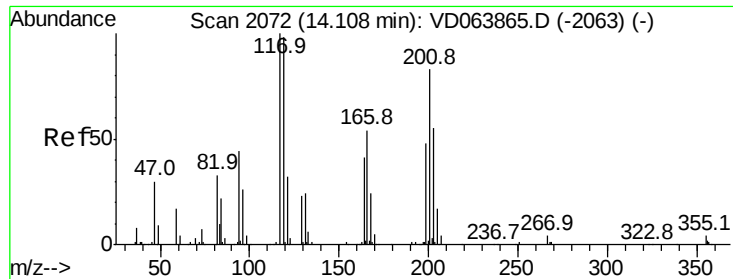
126 111.7 18.6 55.8#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

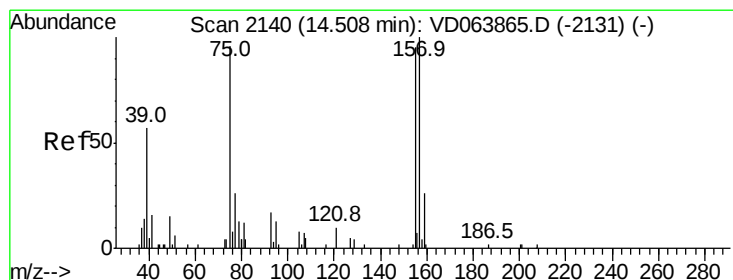
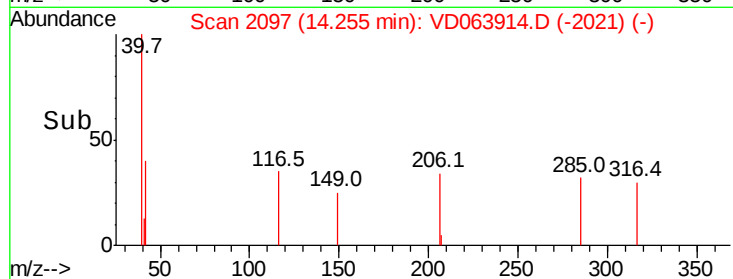
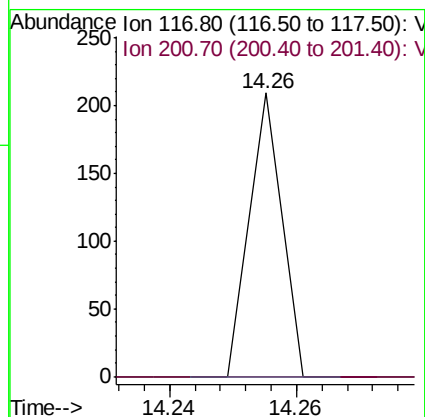
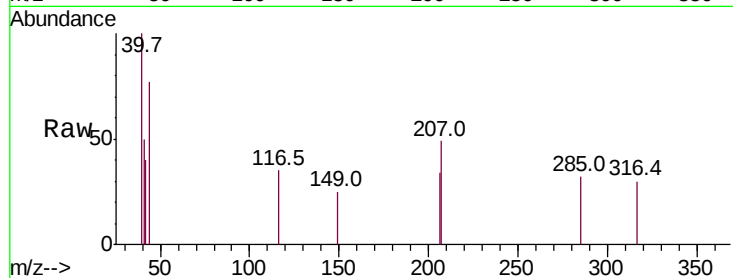




#90
Hexachloroethane
Concen: 11.643 ug/l
RT: 14.26 min Scan# 2097
Delta R.T. 0.15 min
Lab File: VD063914.D
Acq: 10 Oct 2019 17:06

Instrument :
MSVOA_D
ClientSampleId :
20190853-COMPOSITE-E

Tot Ion:117 Resp: 74
Ion Ratio Lower Upper
117 100
201 0.0 40.6 121.7#



#92
1,2-Dibromo-3-Chloropropane
Concen: 93.506 ug/l
RT: 14.54 min Scan# 2145
Delta R.T. 0.03 min
Lab File: VD063914.D
Acq: 10 Oct 2019 17:06

Tgt Ion: 75 Resp: 92
Ion Ratio Lower Upper
75 100
155 0.0 43.9 131.6#
157 63.0 56.0 167.9

