

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082318\
 Data File : VD059885.D
 Acq On : 23 Aug 2018 13:45
 Operator : JC/SY
 Sample : J4569-02RE
 Misc : 10.44g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-037RE

Quant Time: Aug 23 14:42:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	100093	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.43	114	230575	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	137297	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	27634	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.77	65	208387	247.01	ug/l	-0.02
Spiked Amount			Recovery	=	494.02%	
35) Dibromofluoromethane	6.31	113	172852	95.62	ug/l	-0.02
Spiked Amount			Recovery	=	191.24%	
50) Toluene-d8	9.45	98	240848	48.01	ug/l	-0.01
Spiked Amount			Recovery	=	96.02%	
62) 4-Bromofluorobenzene	12.42	95	51102	25.08	ug/l	-0.01
Spiked Amount			Recovery	=	50.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.17	94	452	4.119	ug/l #	1
10) Methyl Iodide	3.24	142	878	5.169	ug/l #	31
11) Tert butyl alcohol	3.95	59	1296	20.133	ug/l #	75
13) Acrolein	3.01	56	1073	38.432	ug/l #	1
14) Allyl chloride	3.50	41	1469	1.852	ug/l #	74
15) Acrylonitrile	4.07	53	793	3.290	ug/l #	17
16) Acetone	3.14	43	55569	361.542	ug/l	94
18) Methyl Acetate	3.54	43	24703	76.991	ug/l #	87
20) Methylene Chloride	3.70	84	24136	21.399	ug/l	91
23) Vinyl Acetate	4.79	43	6092	2.695	ug/l #	81
25) 2-Butanone	5.62	43	17698	38.879	ug/l #	89
26) 2,2-Dichloropropane	5.64	77	2093	1.433	ug/l #	49
29) Tetrahydrofuran	5.95	42	3623	16.718	ug/l #	43
30) Chloroform	6.09	83	108728	61.232	ug/l	97
31) Cyclohexane	6.40	56	1927	1.200	ug/l #	1
36) 1,1-Dichloropropene	6.40	75	7565	3.619	ug/l #	40
37) Ethyl Acetate	5.62	43	19468	11.969	ug/l #	71
38) Carbon Tetrachloride	6.40	117	8269	3.920	ug/l #	12
41) Methacrylonitrile	5.95	41	5258	6.418	ug/l #	74
42) 1,2-Dichloroethane	6.89	62	2233	1.280	ug/l	75
43) Isopropyl Acetate	8.33	43	2537	1.199	ug/l #	49
48) Methyl methacrylate	8.24	41	2367	1.919	ug/l #	22
59) 2-Hexanone	10.49	43	3135	2.694	ug/l	85
74) N-amyl acetate	12.13	43	1100	1.424	ug/l #	48
79) 2-Chlorotoluene	12.80	91	2177	1.723	ug/l	84
81) trans-1,4-Dichloro-2-buten	12.42	75	22965	171.893	ug/l #	12
82) 4-Chlorotoluene	12.80	91	2177	1.511	ug/l	81
87) 1,3-Dichlorobenzene	13.31	146	1800	2.061	ug/l	84
88) 1,4-Dichlorobenzene	13.38	146	2393	2.747	ug/l	79
89) n-Butylbenzene	13.64	91	835	Below Cal	#	81
91) 1,2-Dichlorobenzene	13.66	146	1247	1.680	ug/l	87
93) 1,2,4-Trichlorobenzene	14.78	180	2069	3.255	ug/l #	54
95) Naphthalene	14.97	128	6642	6.837	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.11	180	2339	4.302	ug/l	78

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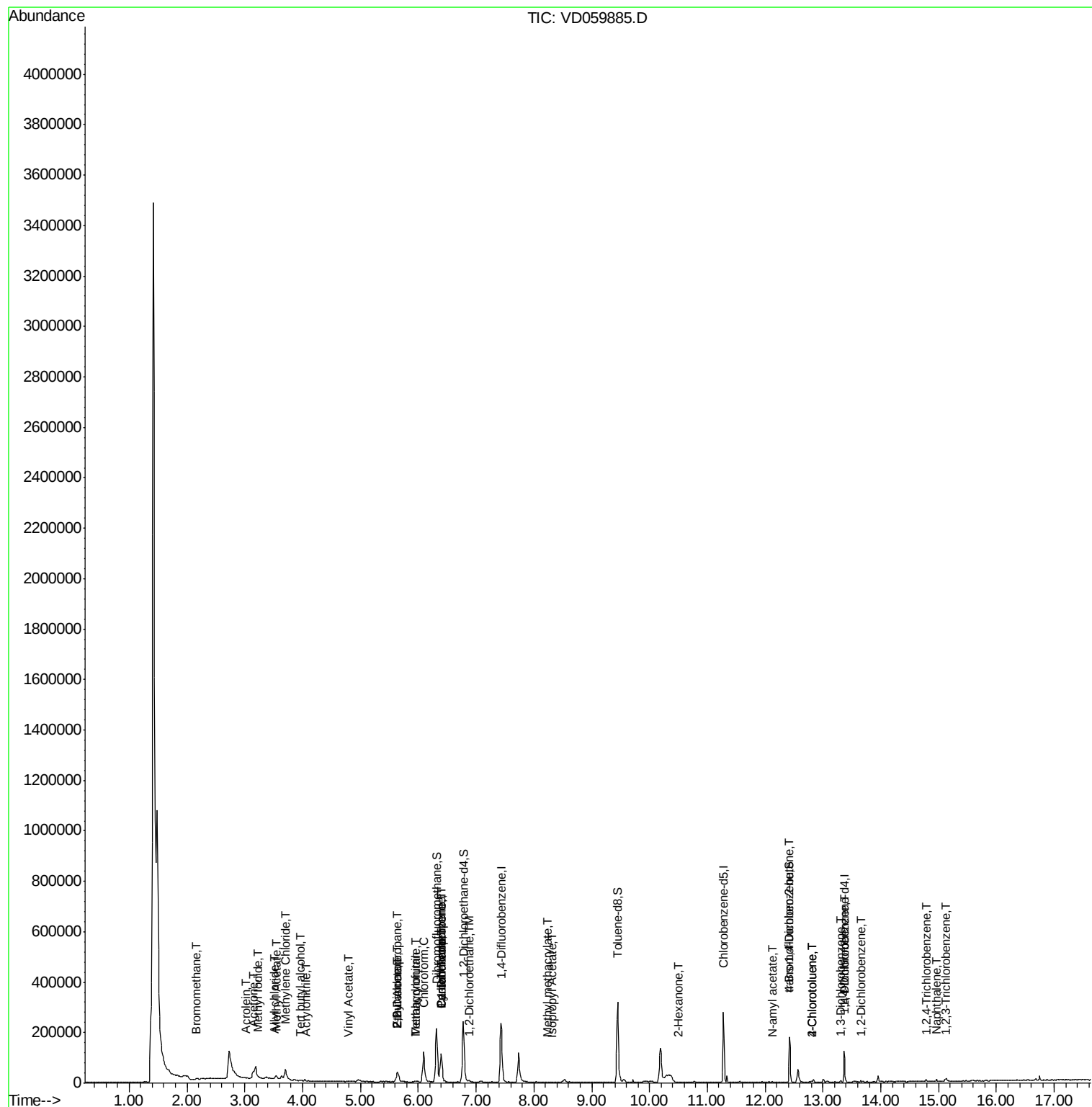
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

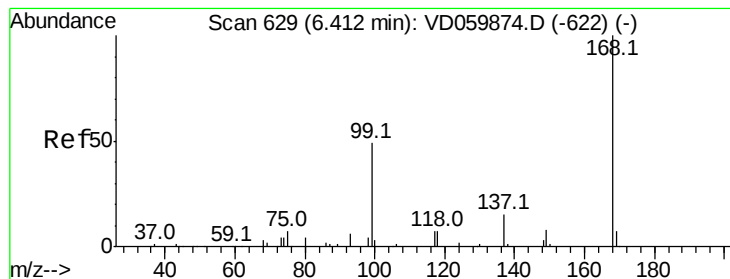
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 627

Delta R.T. -0.01 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

Instrument :

MSVOA_D

ClientSampleId :

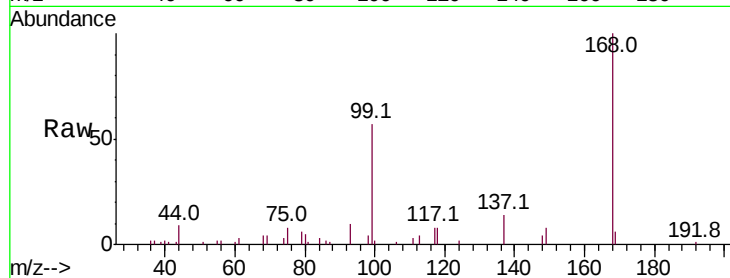
FK-PS-01-037RE

Tot Ion:168 Resp: 100093

Ion Ratio Lower Upper

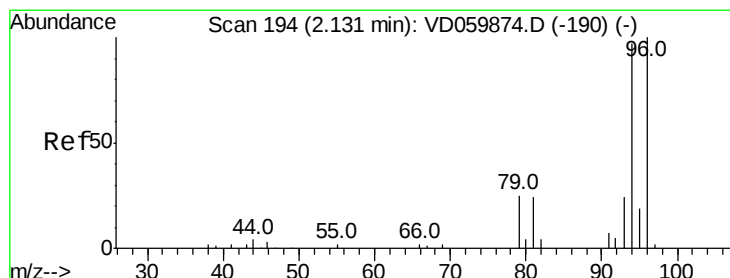
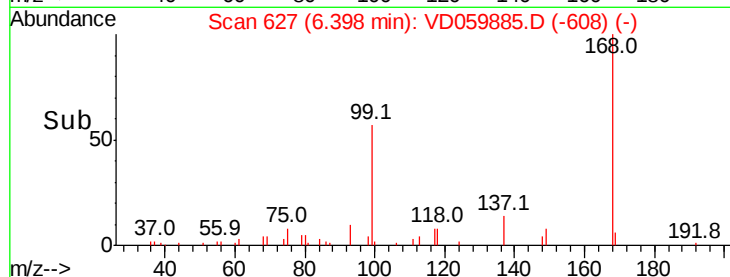
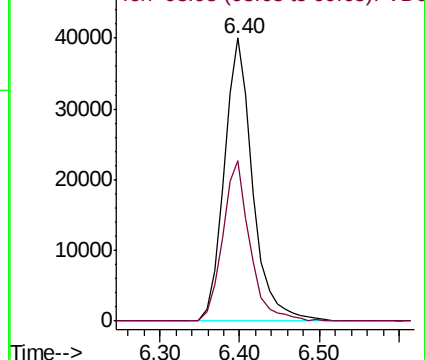
168 100

99 56.9 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 4.119 ug/l

RT: 2.17 min Scan# 197

Delta R.T. 0.04 min

Lab File: VD059885.D

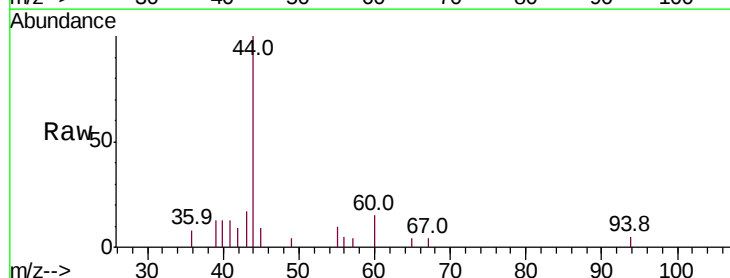
Acq: 23 Aug 2018 13:45

Tgt Ion: 94 Resp: 452

Ion Ratio Lower Upper

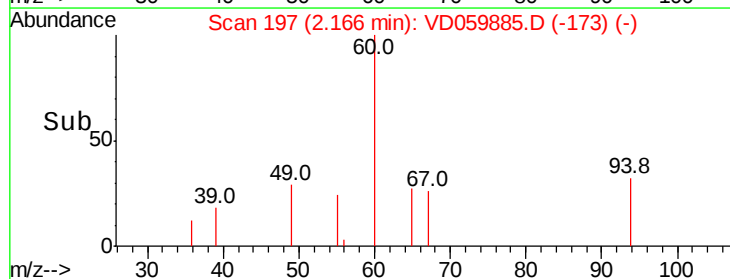
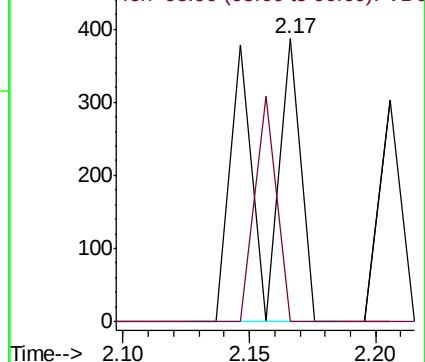
94 100

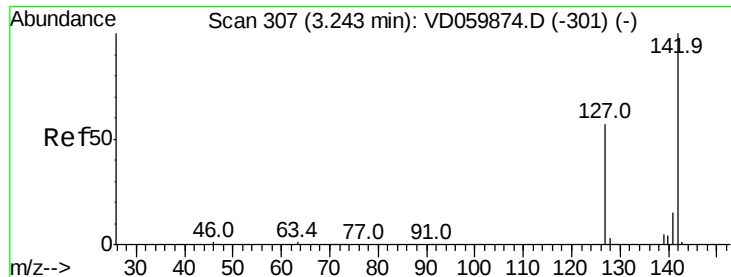
96 0.0 82.4 123.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

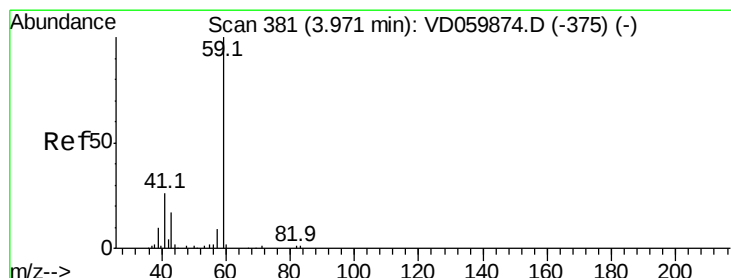
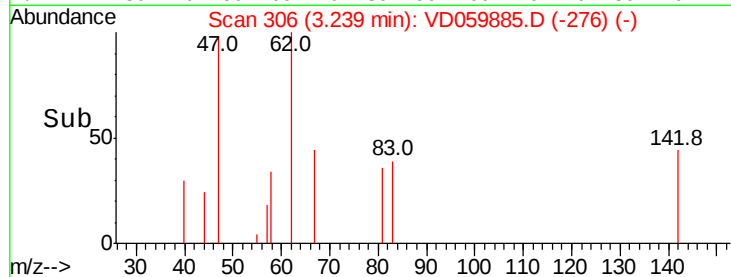
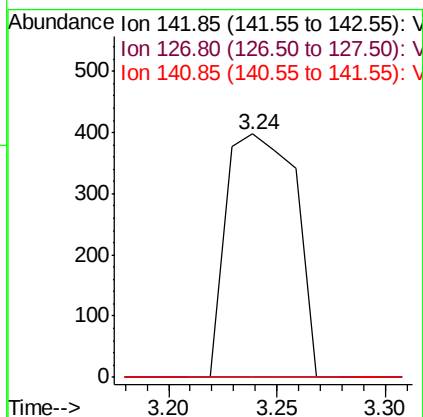
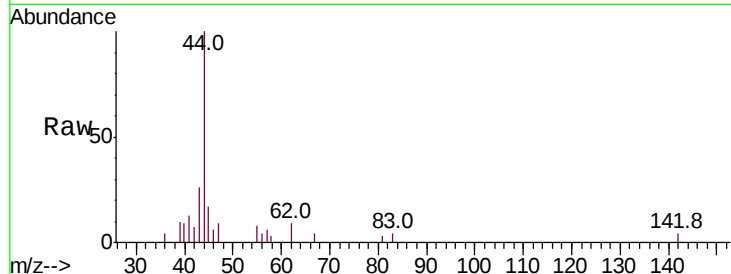




#10
Methyl Iodide
Concen: 5.169 ug/l
RT: 3.24 min Scan# 306
Delta R.T. -0.00 min
Lab File: VD059885.D
Acq: 23 Aug 2018 13:45

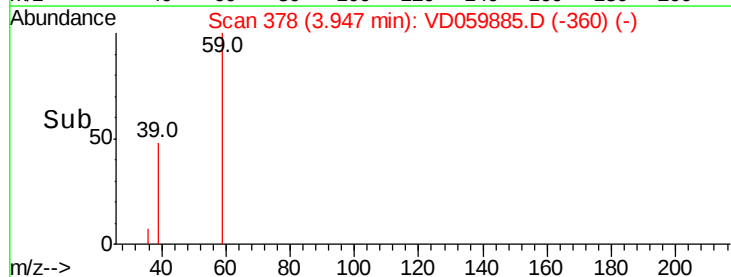
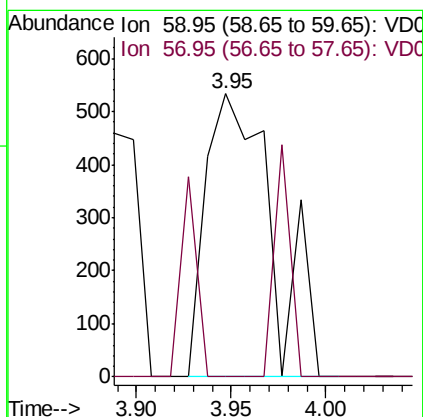
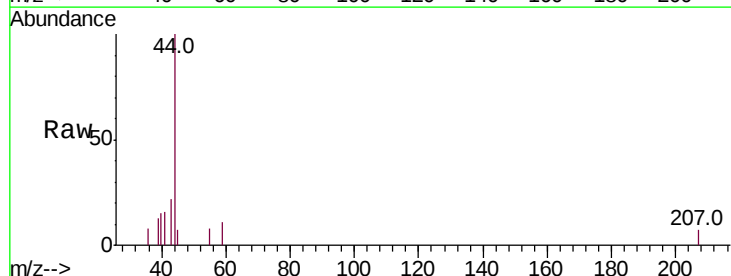
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-037RE

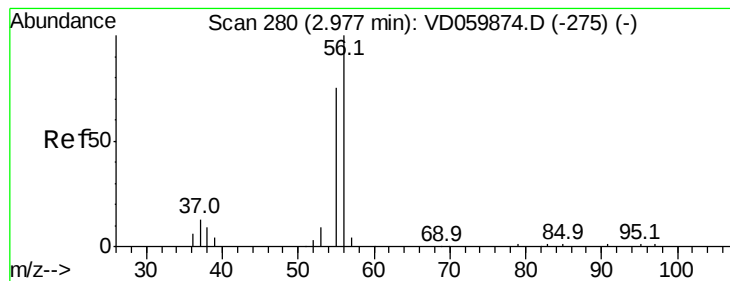
Tot Ion:142 Resp: 878
Ion Ratio Lower Upper
142 100
127 0.0 45.8 68.6#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 20.133 ug/l
RT: 3.95 min Scan# 378
Delta R.T. -0.02 min
Lab File: VD059885.D
Acq: 23 Aug 2018 13:45

Tgt Ion: 59 Resp: 1296
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#13

Acrolein

Concen: 38.432 ug/l

RT: 3.01 min Scan# 283

Delta R.T. 0.04 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

Instrument :

MSVOA_D

ClientSampleId :

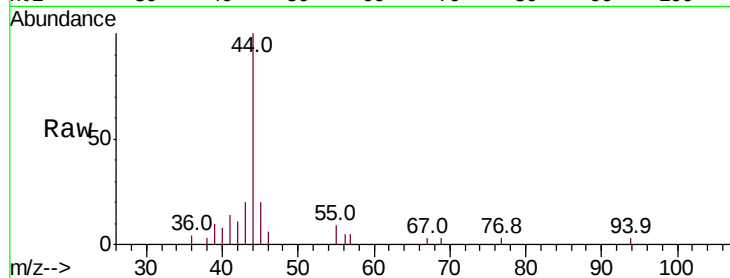
FK-PS-01-037RE

Tot Ion: 56 Resp: 1073

Ion Ratio Lower Upper

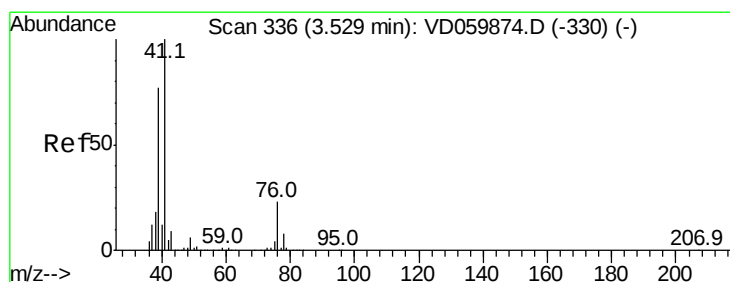
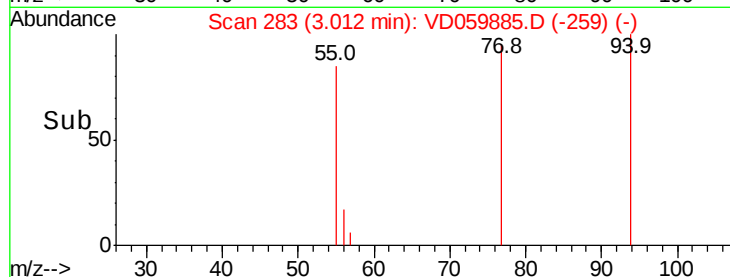
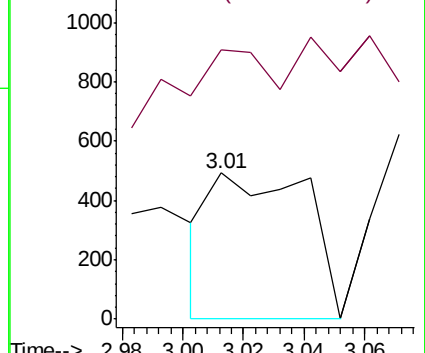
56 100

55 184.1 61.9 92.9#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 1.852 ug/l

RT: 3.50 min Scan# 333

Delta R.T. -0.02 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

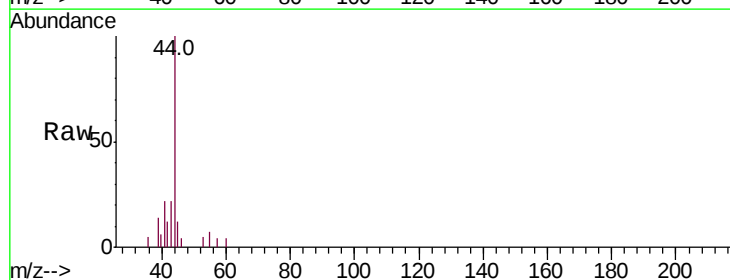
Tgt Ion: 41 Resp: 1469

Ion Ratio Lower Upper

41 100

39 60.7 61.8 92.6#

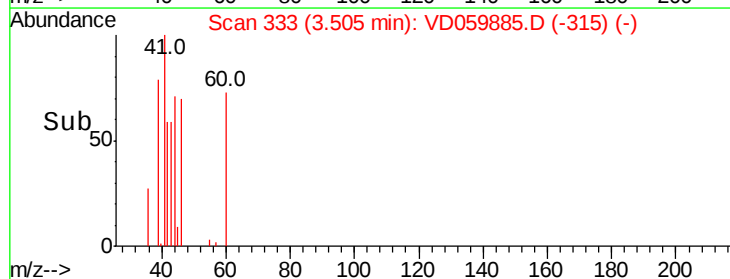
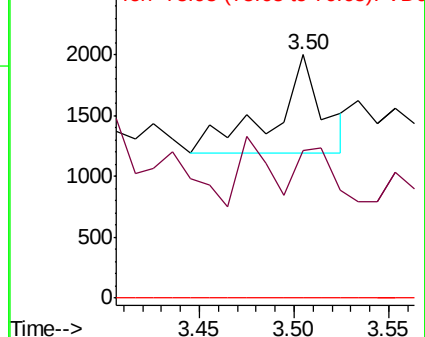
76 0.0 19.4 29.2#

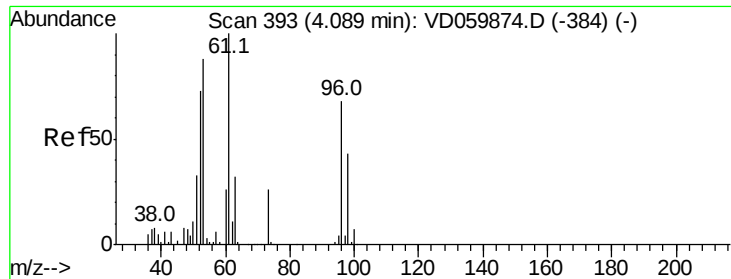


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 3.290 ug/l

RT: 4.07 min Scan# 390

Delta R.T. -0.02 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

Instrument :

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ClientSampleId :

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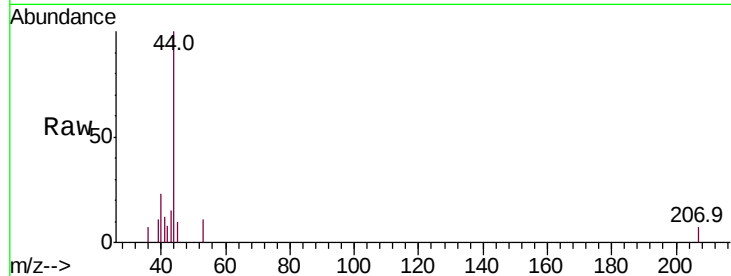
Tot Ion: 53 Resp: 793

Ion Ratio Lower Upper

53 100

52 0.0 66.9 100.3#

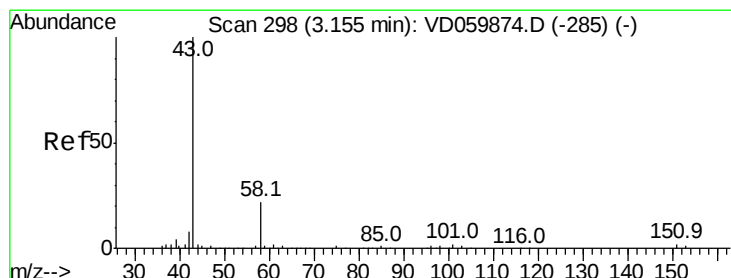
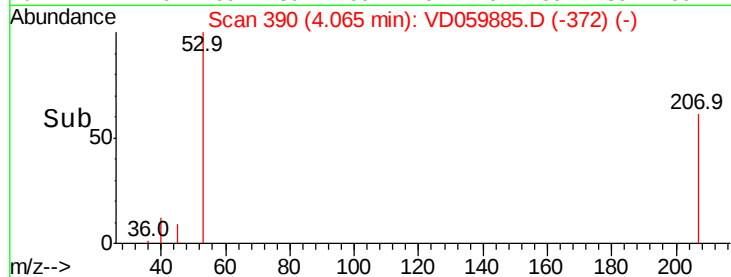
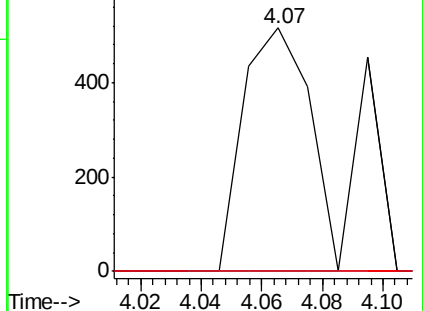
51 0.0 30.3 45.5#



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: 361.542 ug/l

RT: 3.14 min Scan# 296

Delta R.T. -0.01 min

Lab File: VD059885.D

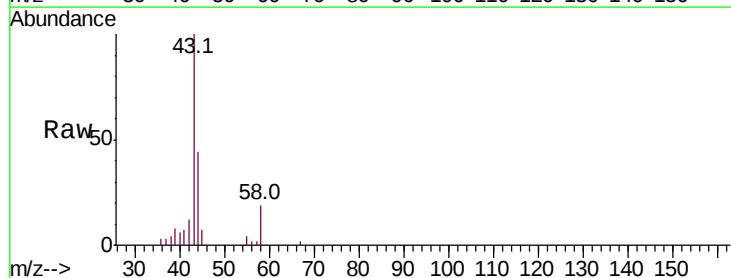
Acq: 23 Aug 2018 13:45

Tgt Ion: 43 Resp: 55569

Ion Ratio Lower Upper

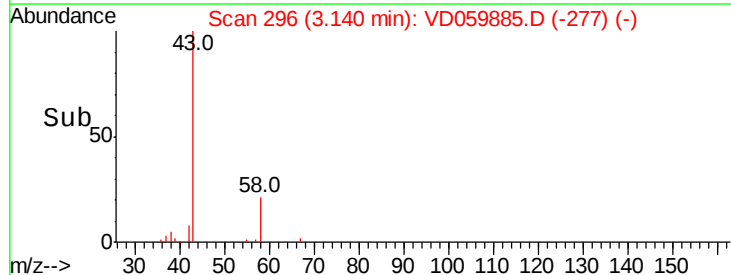
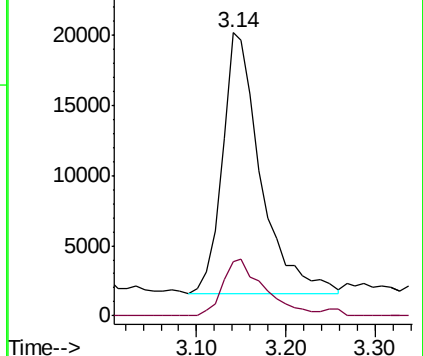
43 100

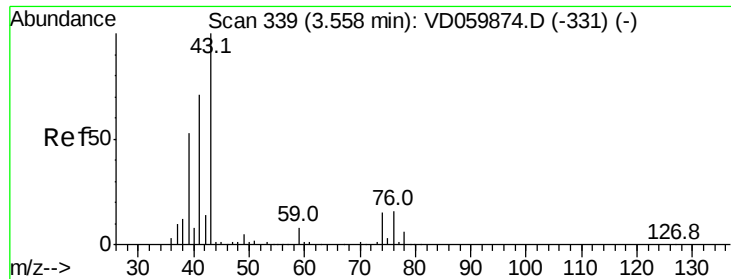
58 19.2 17.6 26.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#18

Methyl Acetate

Concen: 76.991 ug/l

RT: 3.54 min Scan# 337

Delta R.T. -0.01 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

Instrument :

MSVOA_D

ClientSampleId :

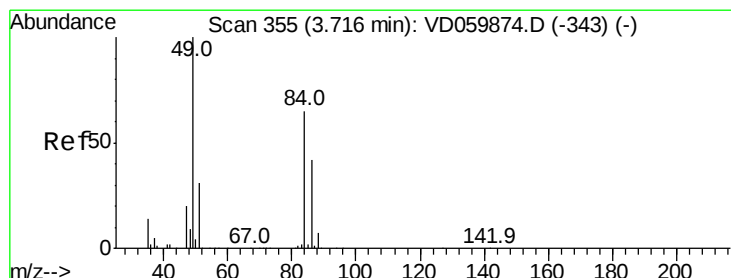
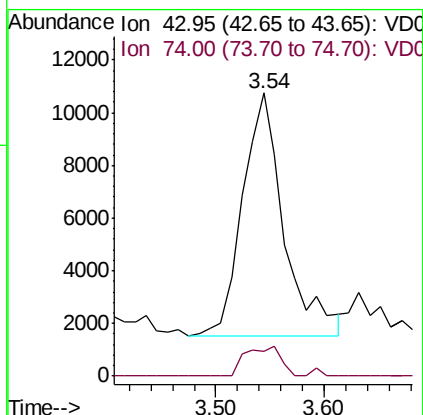
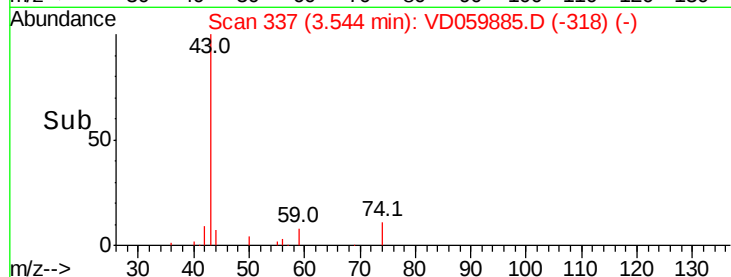
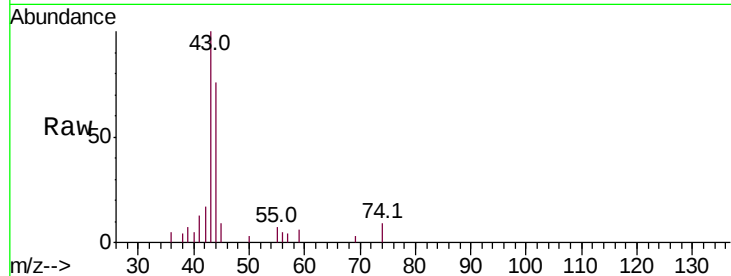
FK-PS-01-037RE

Tot Ion: 43 Resp: 24703

Ion Ratio Lower Upper

43 100

74 8.7 11.2 16.8#



#20

Methylene Chloride

Concen: 21.399 ug/l

RT: 3.70 min Scan# 353

Delta R.T. -0.01 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

Tgt Ion: 84 Resp: 24136

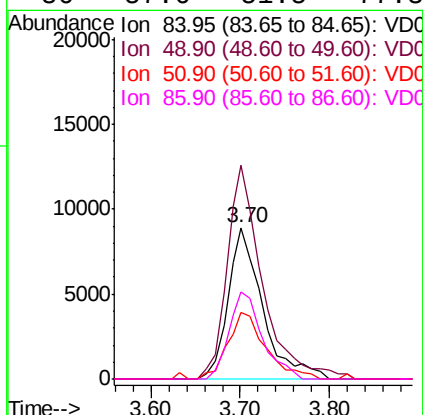
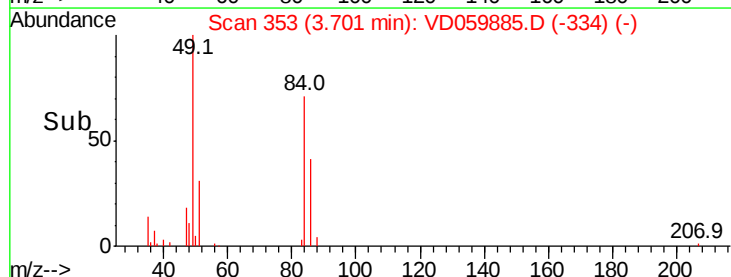
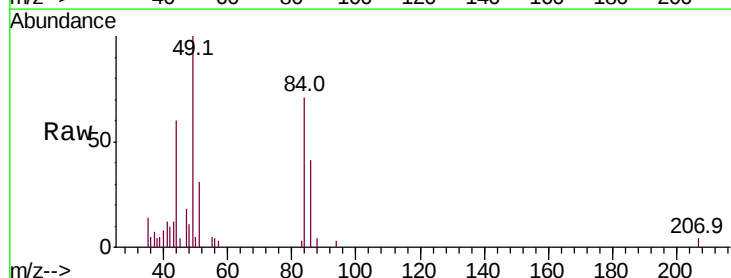
Ion Ratio Lower Upper

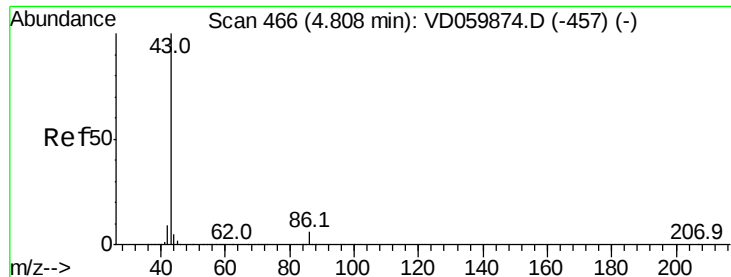
84 100

49 141.2 122.6 183.8

51 44.1 38.4 57.6

86 57.6 51.5 77.3

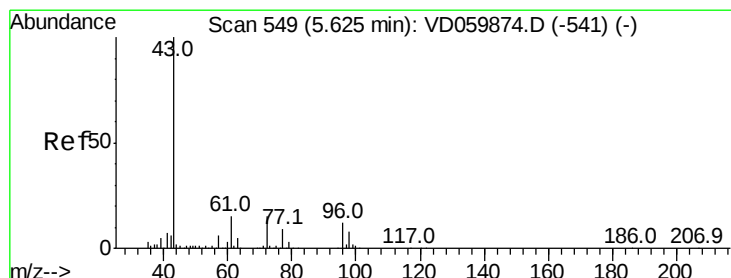
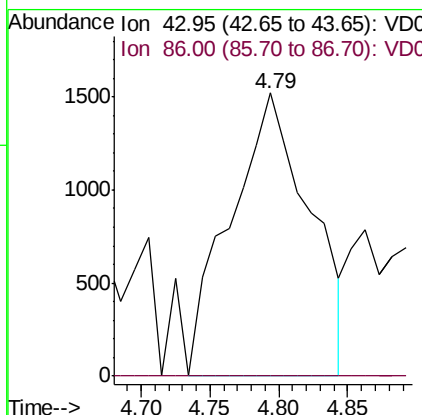
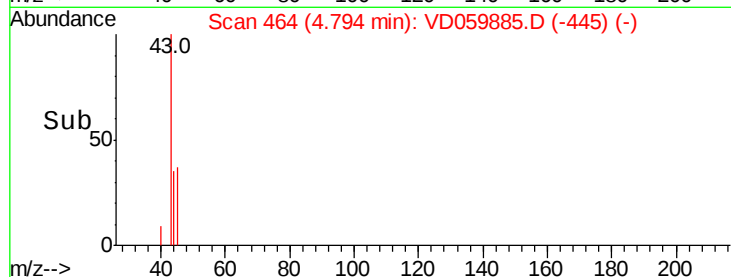
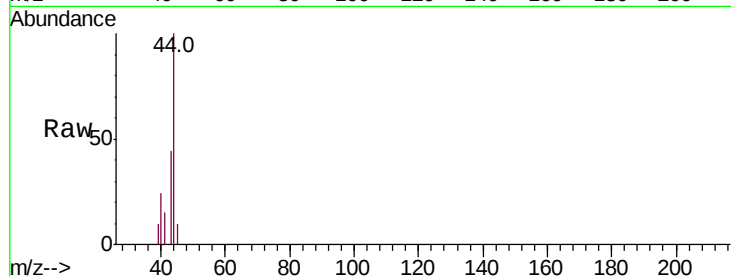




#23
 Vinyl Acetate
 Concen: 2.695 ug/l
 RT: 4.79 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: VD059885.D
 Acq: 23 Aug 2018 13:45

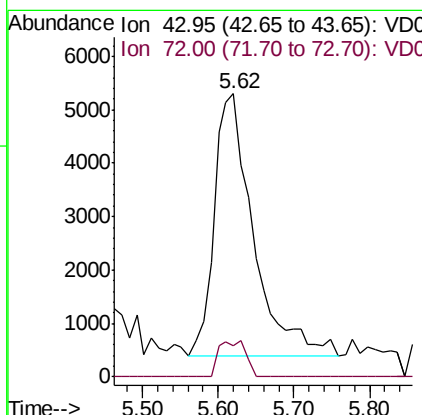
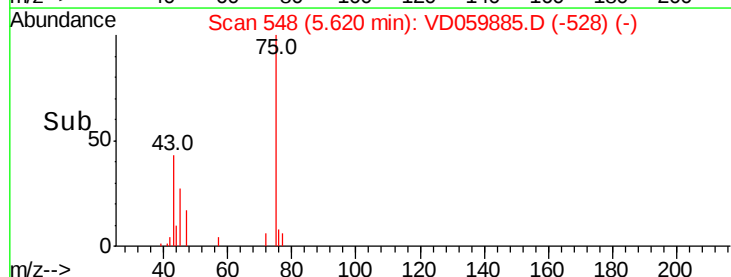
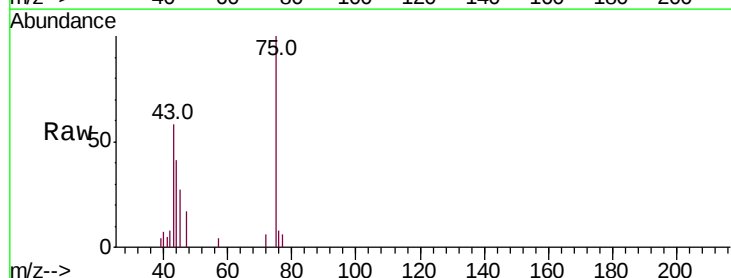
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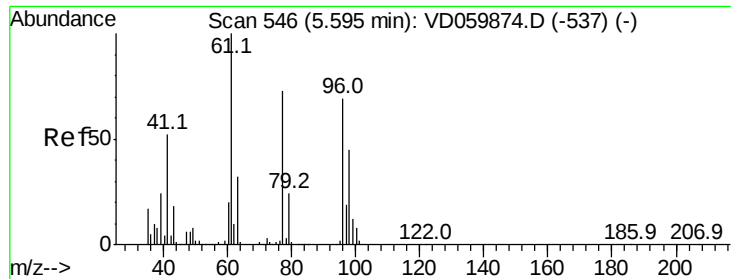
Tot Ion: 43 Resp: 6092
 Ion Ratio Lower Upper
 43 100
 86 0.0 5.0 7.6#



#25
 2-Butanone
 Concen: 38.879 ug/l
 RT: 5.62 min Scan# 548
 Delta R.T. -0.00 min
 Lab File: VD059885.D
 Acq: 23 Aug 2018 13:45

Tgt Ion: 43 Resp: 17698
 Ion Ratio Lower Upper
 43 100
 72 11.0 12.3 18.5#





#26

2,2-Dichloropropane

Concen: 1.433 ug/l

RT: 5.64 min Scan# 550

Delta R.T. 0.04 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

Instrument :

MSVOA_D

ClientSampleId :

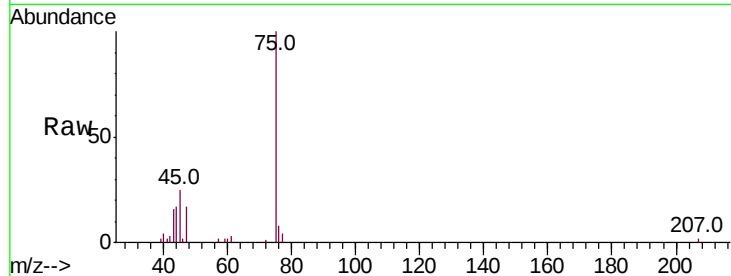
FK-PS-01-037RE

Tot Ion: 77 Resp: 2093

Ion Ratio Lower Upper

77 100

97 0.0 13.0 38.9#



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

5.64

800

600

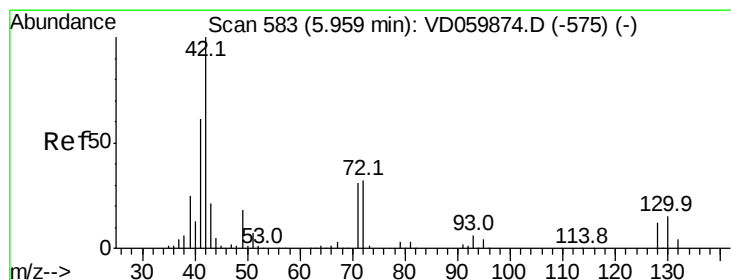
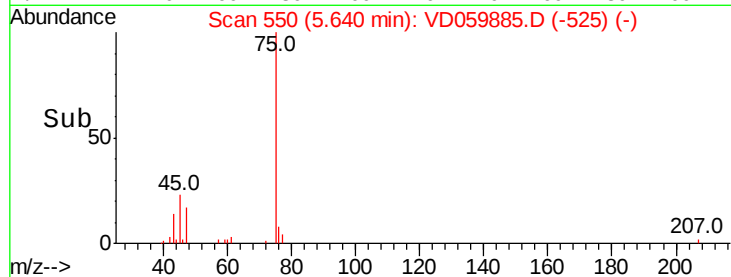
400

200

0

5.60 5.65 5.70

Time-->



#29

Tetrahydrofuran

Concen: 16.718 ug/l

RT: 5.95 min Scan# 582

Delta R.T. -0.00 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

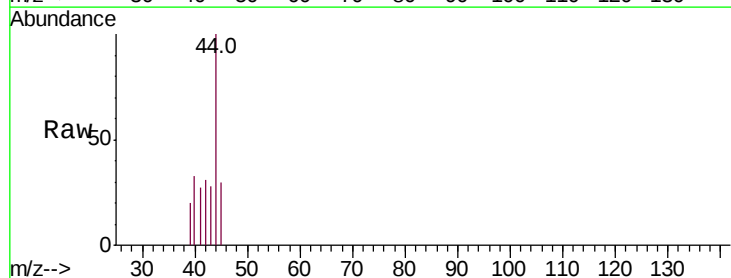
Tgt Ion: 42 Resp: 3623

Ion Ratio Lower Upper

42 100

72 0.0 25.7 38.5#

71 0.0 25.3 37.9#



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

1500

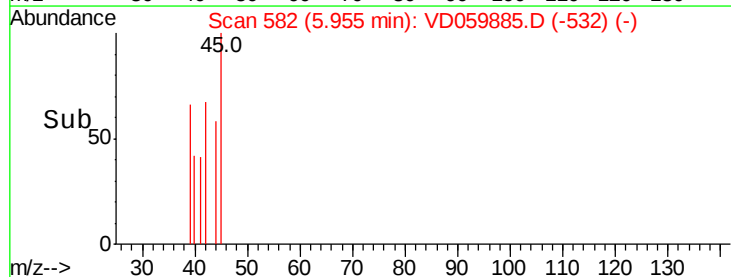
1000

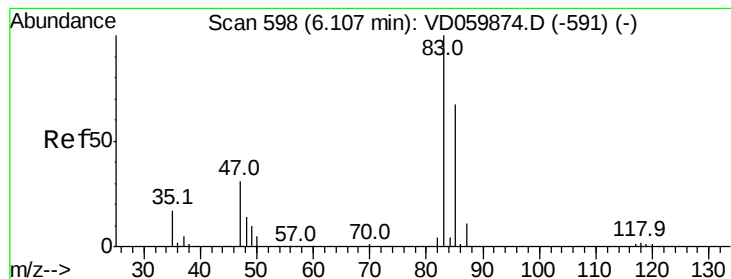
500

0

5.85 5.90 5.95 6.00 6.05

Time-->





#30

Chloroform

Concen: 61.232 ug/l

RT: 6.09 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

Instrument :

MSVOA_D

ClientSampleId :

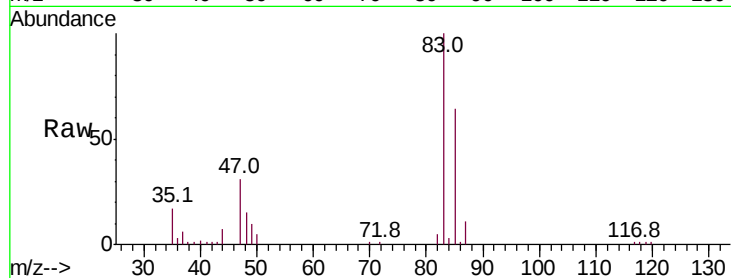
FK-PS-01-037RE

Tot Ion: 83 Resp: 108728

Ion Ratio Lower Upper

83 100

85 64.1 53.5 80.3



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

6.09

40000

30000

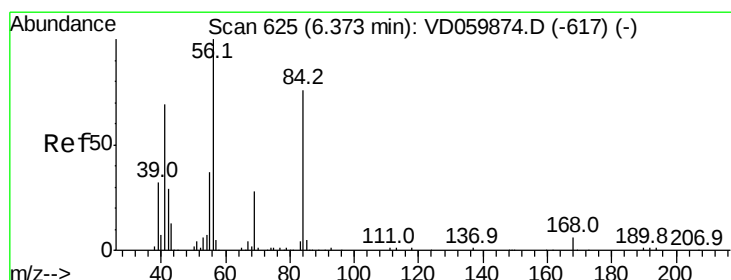
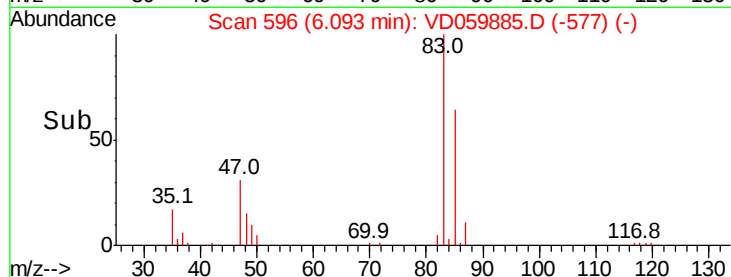
20000

10000

0

Time-->

6.00 6.10 6.20 6.30



#31

Cyclohexane

Concen: 1.200 ug/l

RT: 6.40 min Scan# 627

Delta R.T. 0.03 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

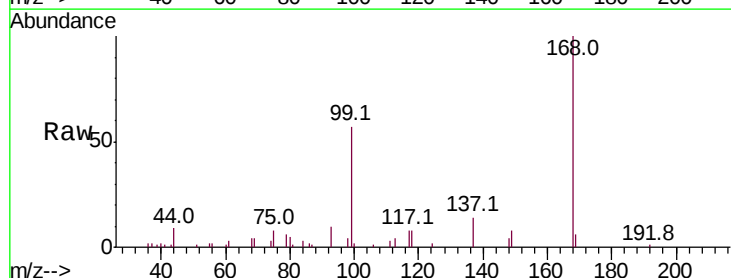
Tgt Ion: 56 Resp: 1927

Ion Ratio Lower Upper

56 100

69 196.1 22.4 33.6#

84 135.0 62.1 93.1#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

2500

2000

1500

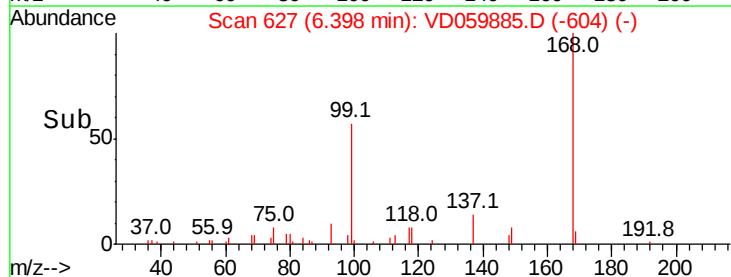
1000

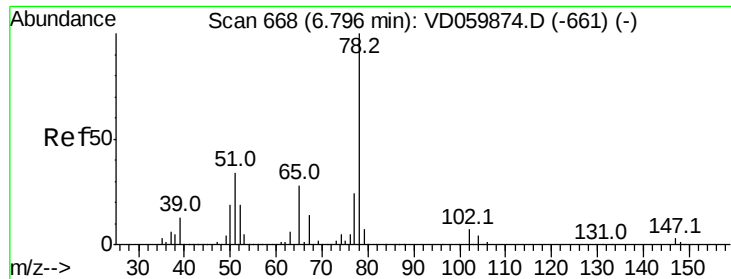
500

0

Time-->

6.35 6.40 6.45





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 665

Delta R.T. -0.02 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

Instrument :

MSVOA_D

ClientSampleId :

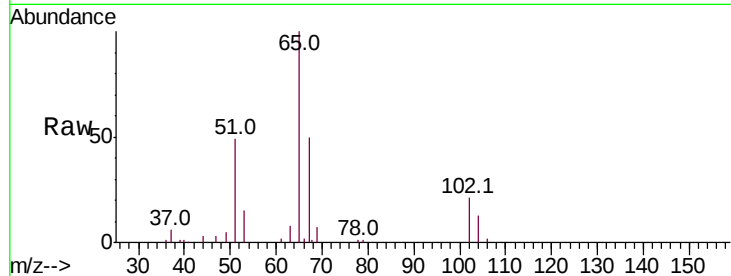
FK-PS-01-037RE

Tot Ion: 65 Resp: 208387

Ion Ratio Lower Upper

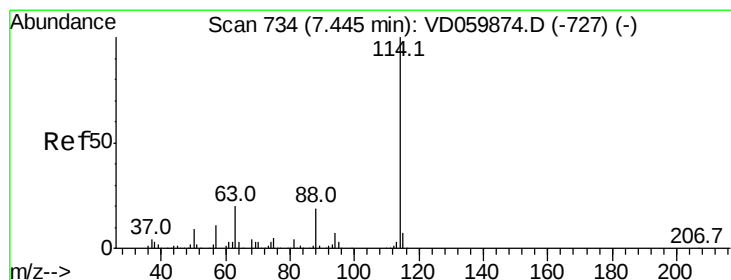
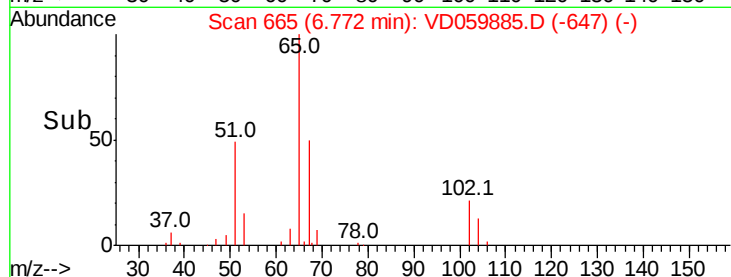
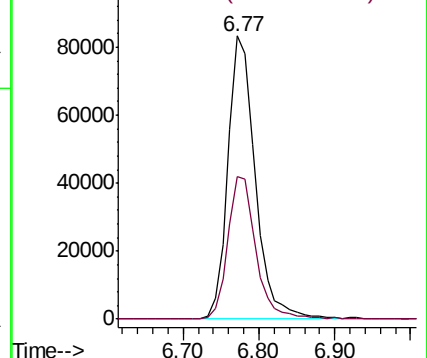
65 100

67 50.5 0.0 103.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.43 min Scan# 732

Delta R.T. -0.01 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

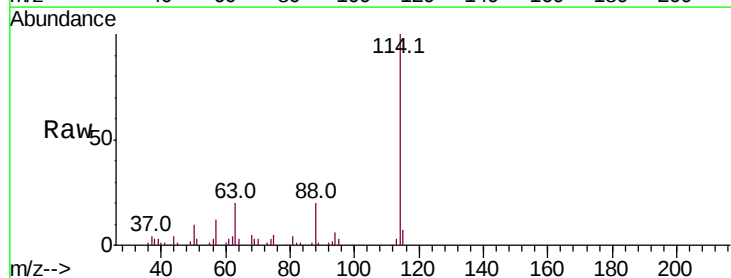
Tgt Ion:114 Resp: 230575

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.4

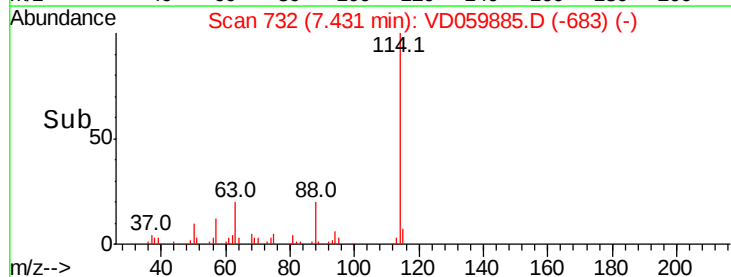
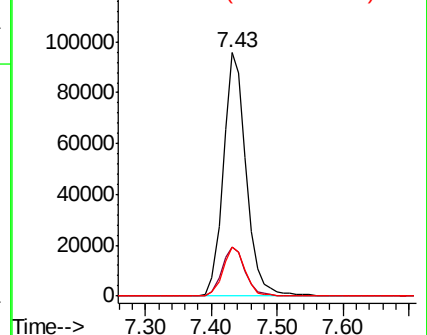
88 19.9 0.0 37.6

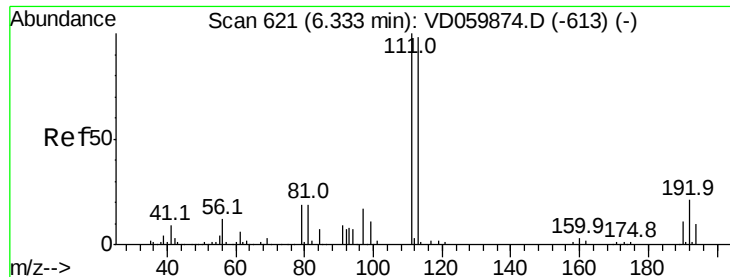


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

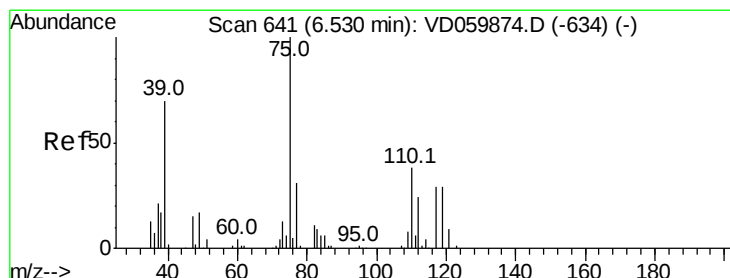
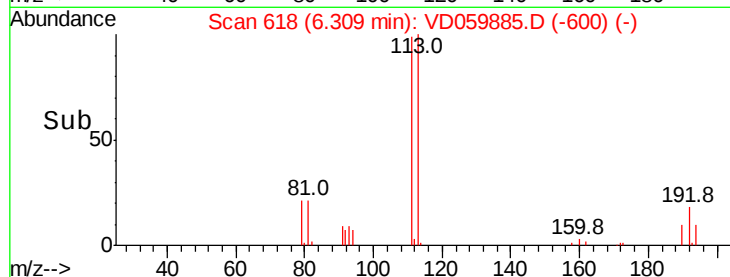
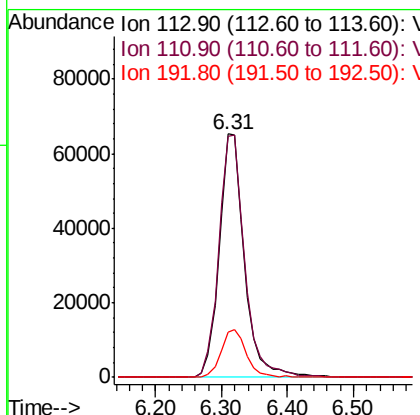
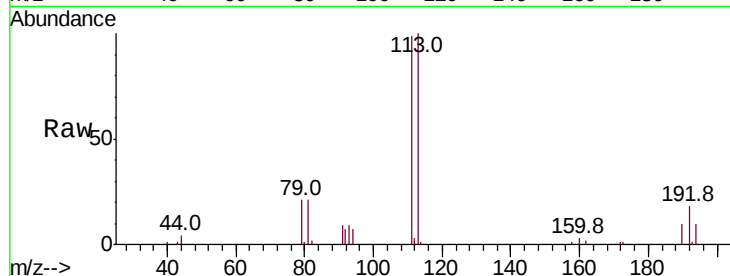




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: VD059885.D
 Acq: 23 Aug 2018 13:45

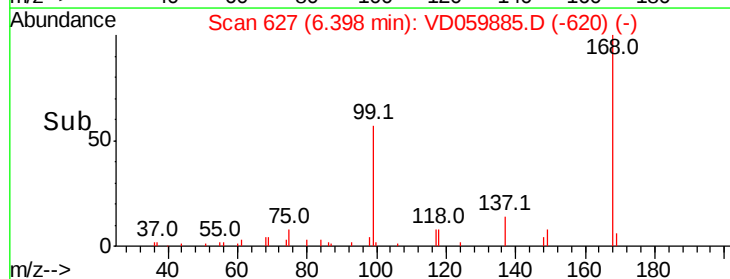
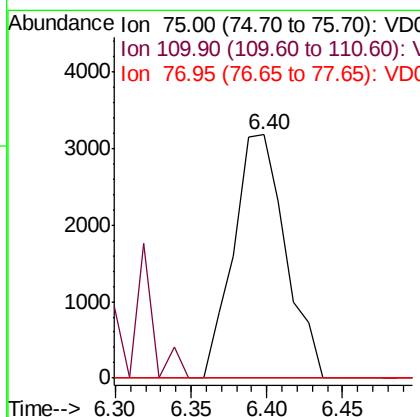
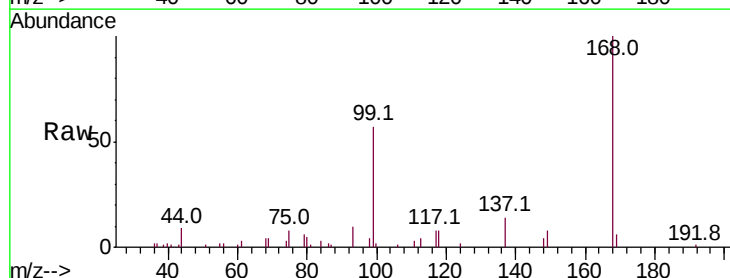
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-037RE

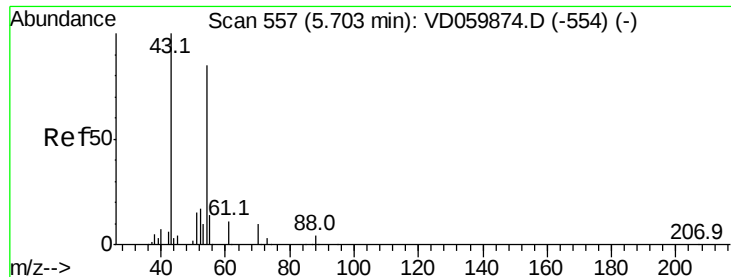
Tot Ion:113 Resp: 172852
 Ion Ratio Lower Upper
 113 100
 111 99.0 81.4 122.2
 192 18.5 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 3.619 ug/l
 RT: 6.40 min Scan# 627
 Delta R.T. -0.13 min
 Lab File: VD059885.D
 Acq: 23 Aug 2018 13:45

Tgt Ion: 75 Resp: 7565
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.6 56.0#
 77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 11.969 ug/l

RT: 5.62 min Scan# 548

Delta R.T. -0.08 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-037RE

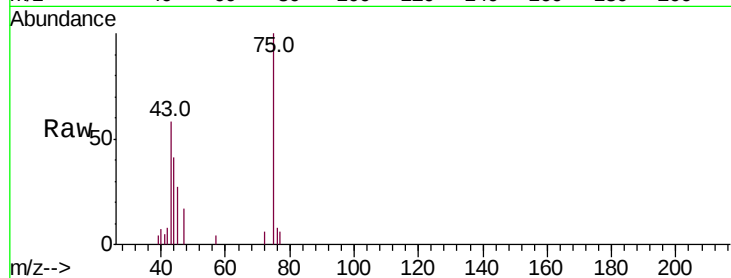
Tot Ion: 43 Resp: 19468

Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.6#

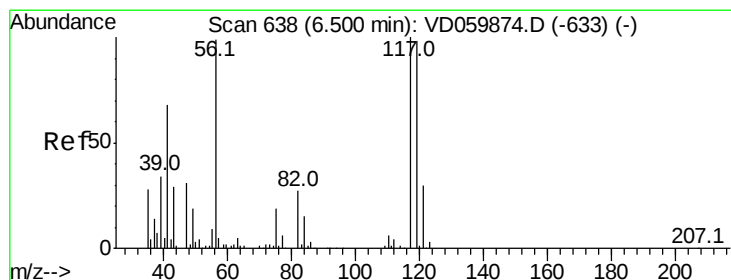
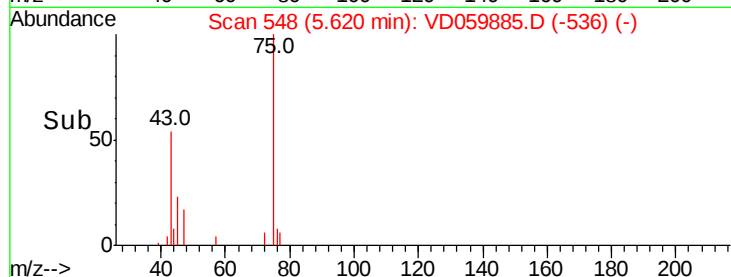
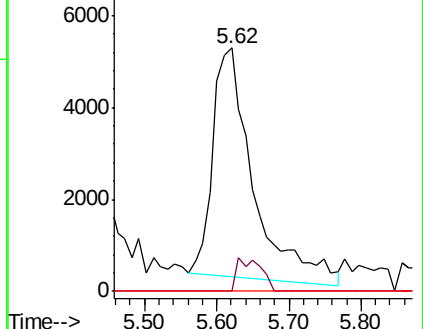
70 0.0 5.7 8.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 3.920 ug/l

RT: 6.40 min Scan# 627

Delta R.T. -0.10 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

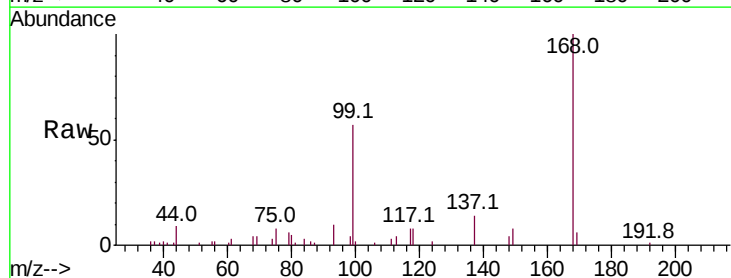
Tgt Ion: 117 Resp: 8269

Ion Ratio Lower Upper

117 100

119 0.0 77.2 115.8#

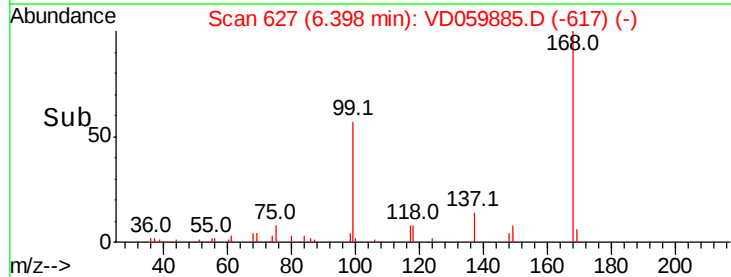
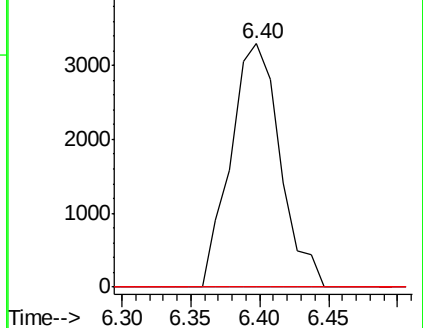
121 0.0 24.0 36.0#

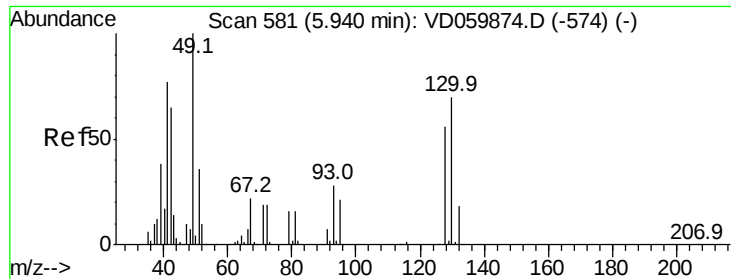


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

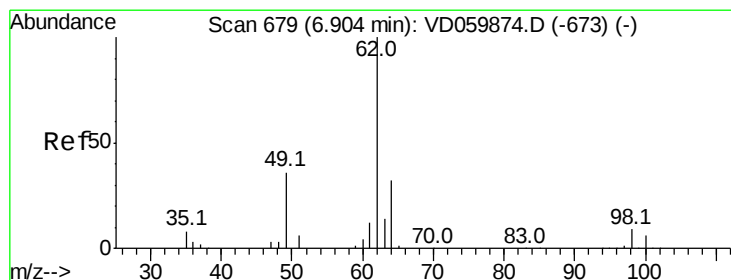
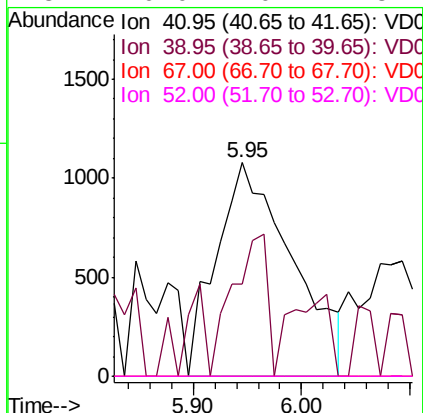
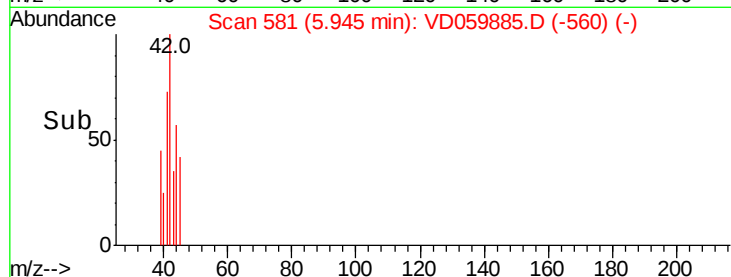
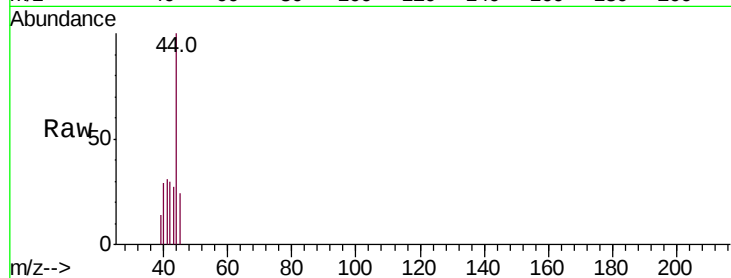




#41
Methacrylonitrile
Concen: 6.418 ug/l
RT: 5.95 min Scan# 581
Delta R.T. 0.01 min
Lab File: VD059885.D
Acq: 23 Aug 2018 13:45

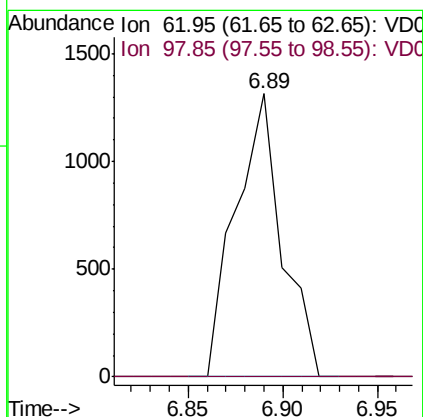
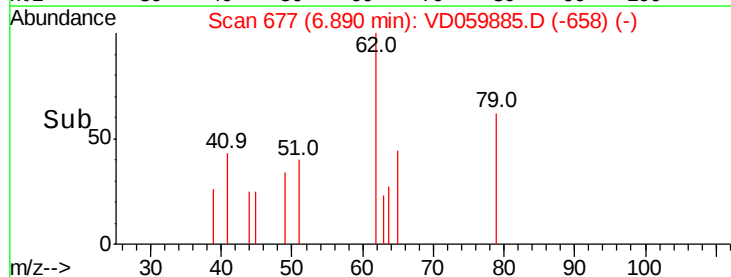
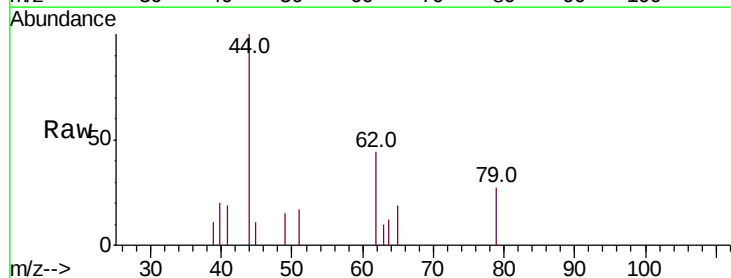
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-037RE

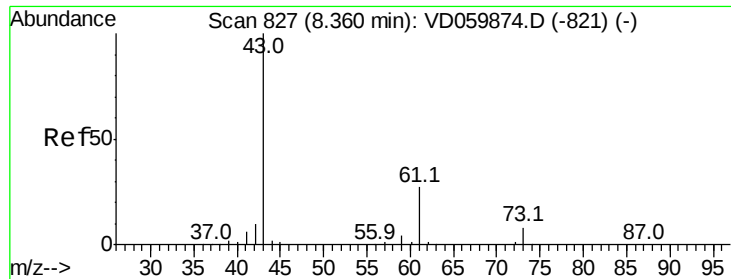
Tot Ion: 41 Resp: 5258
Ion Ratio Lower Upper
41 100
39 43.2 39.4 59.2
67 0.0 22.2 33.2#
52 0.0 10.1 15.1#



#42
1,2-Dichloroethane
Concen: 1.280 ug/l
RT: 6.89 min Scan# 677
Delta R.T. -0.01 min
Lab File: VD059885.D
Acq: 23 Aug 2018 13:45

Tgt Ion: 62 Resp: 2233
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.4





#43

Isopropyl Acetate

Concen: 1.199 ug/l

RT: 8.33 min Scan# 823

Delta R.T. -0.03 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-037RE

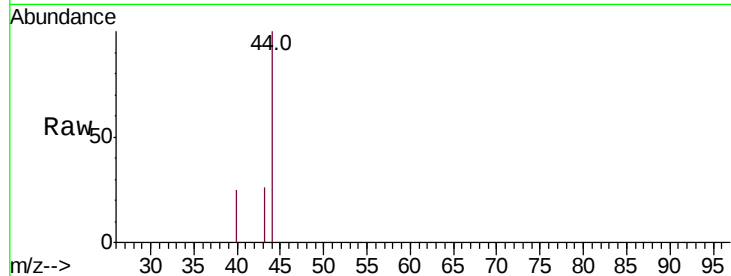
Tot Ion: 43 Resp: 2537

Ion Ratio Lower Upper

43 100

61 0.0 21.4 32.2#

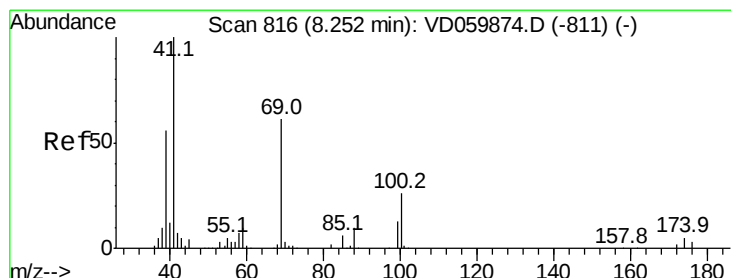
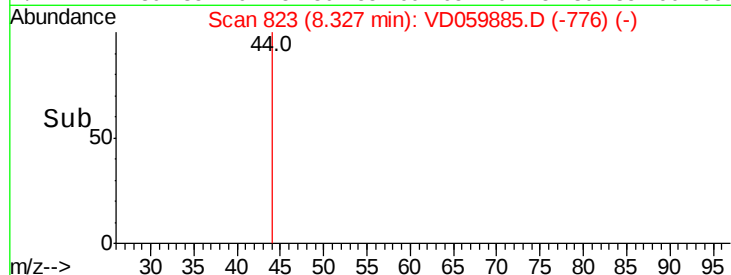
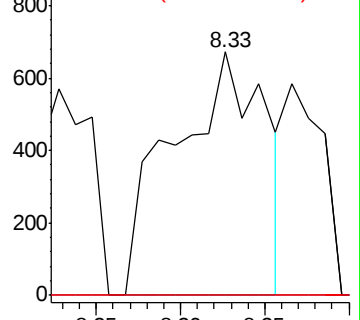
87 0.0 0.2 0.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#48

Methyl methacrylate

Concen: 1.919 ug/l

RT: 8.24 min Scan# 814

Delta R.T. -0.01 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

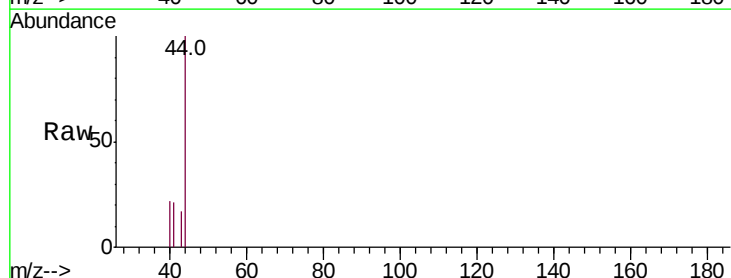
Tgt Ion: 41 Resp: 2367

Ion Ratio Lower Upper

41 100

69 0.0 48.0 72.0#

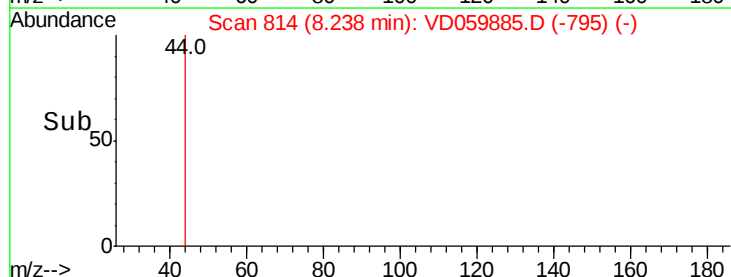
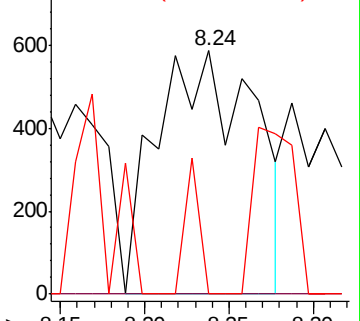
39 0.0 45.4 68.0#

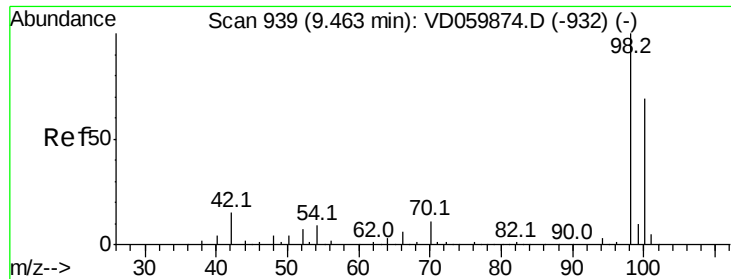


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC

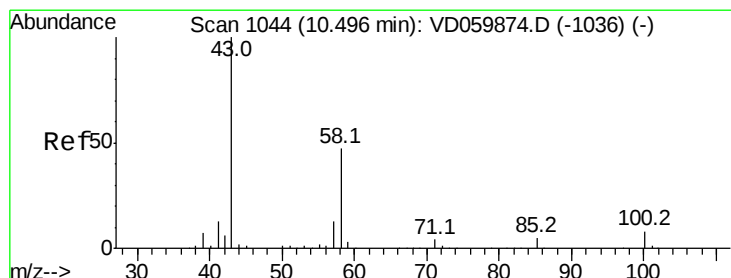
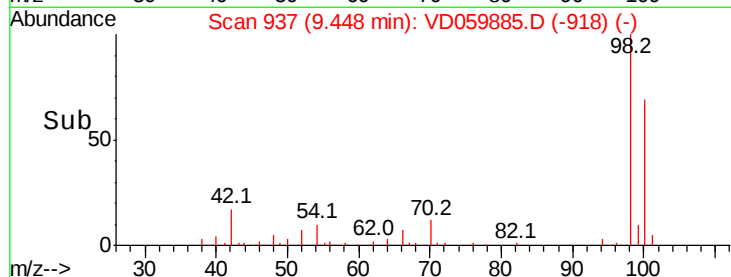
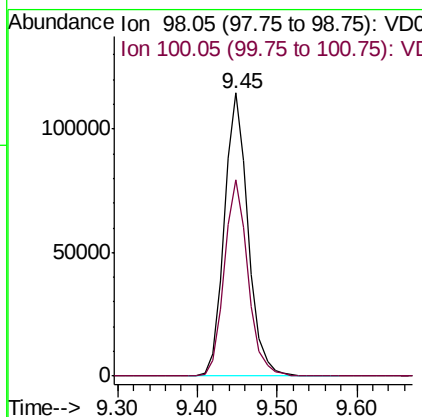
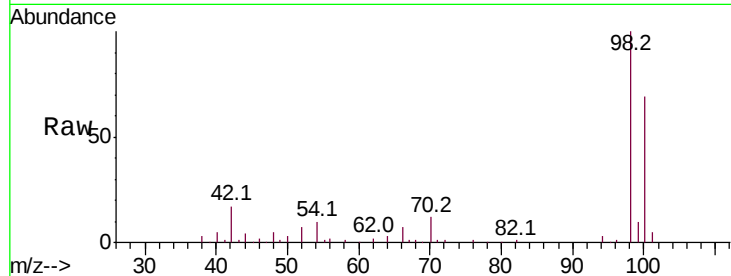




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 937
Delta R.T. -0.01 min
Lab File: VD059885.D
Acq: 23 Aug 2018 13:45

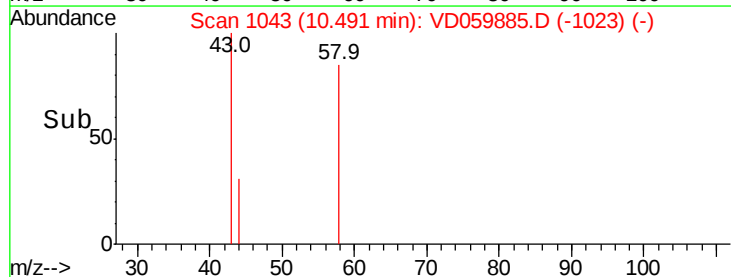
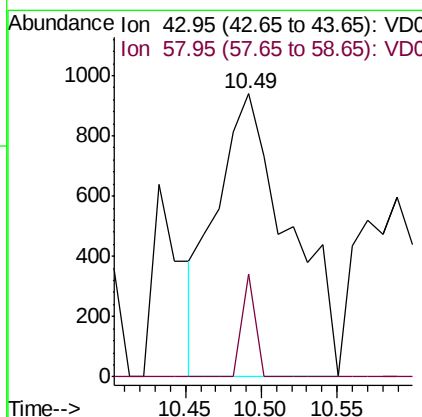
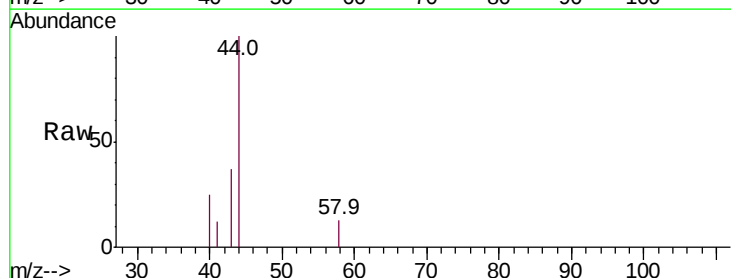
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-037RE

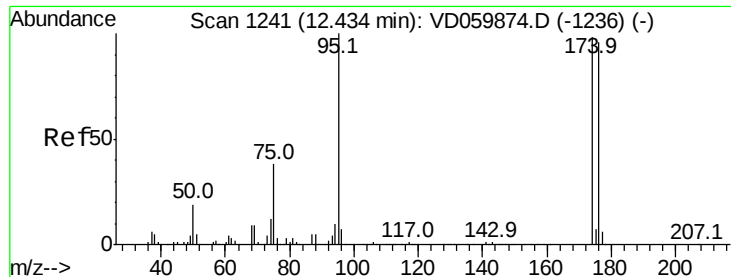
Tot Ion: 98 Resp: 240848
Ion Ratio Lower Upper
98 100
100 69.2 55.8 83.6



#59
2-Hexanone
Concen: 2.694 ug/l
RT: 10.49 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VD059885.D
Acq: 23 Aug 2018 13:45

Tgt Ion: 43 Resp: 3135
Ion Ratio Lower Upper
43 100
58 36.3 23.3 69.8





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-037RE

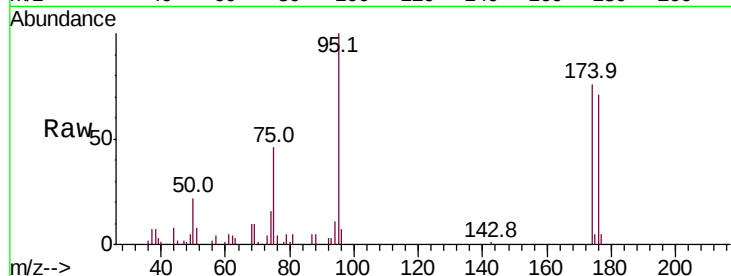
Tot Ion: 95 Resp: 51102

Ion Ratio Lower Upper

95 100

174 76.2 0.0 195.6

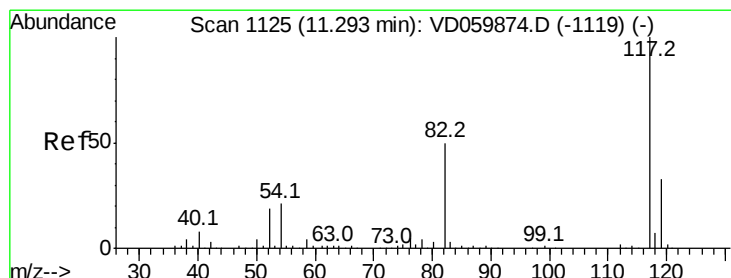
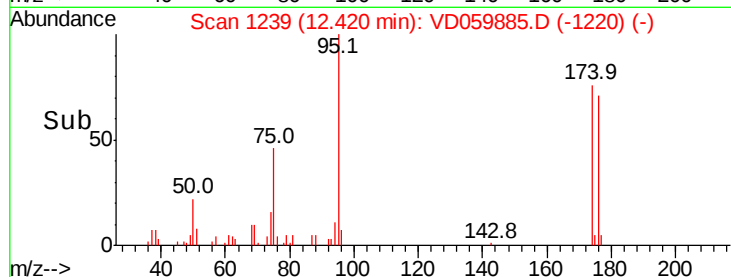
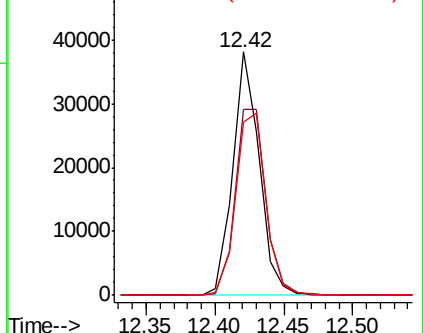
176 71.1 0.0 191.2



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.28 min Scan# 1123

Delta R.T. -0.01 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

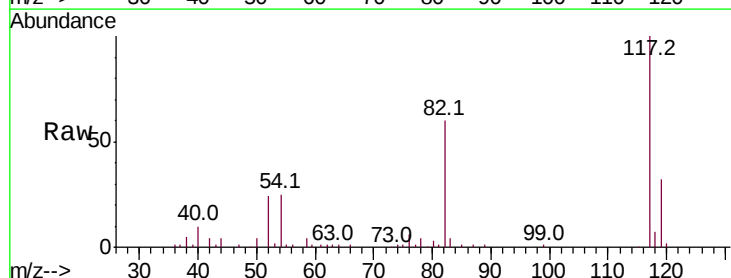
Tgt Ion: 117 Resp: 137297

Ion Ratio Lower Upper

117 100

82 59.5 40.1 60.1

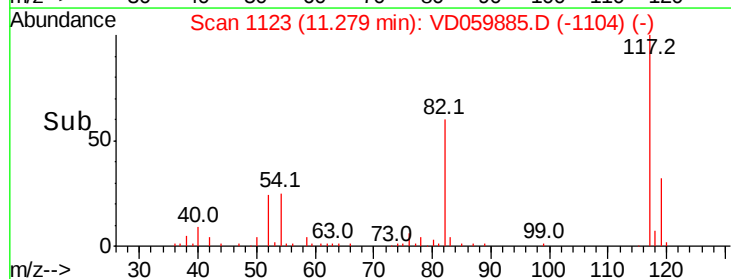
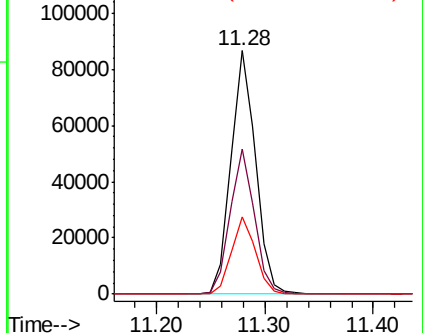
119 31.9 26.7 40.1

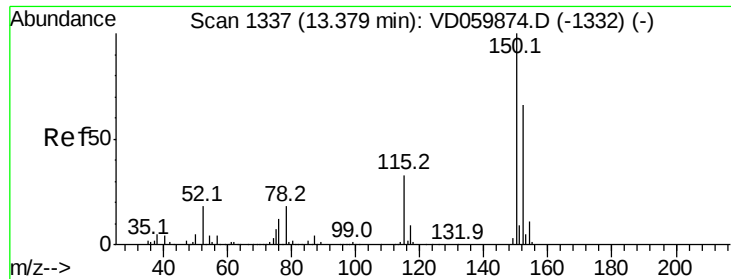


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



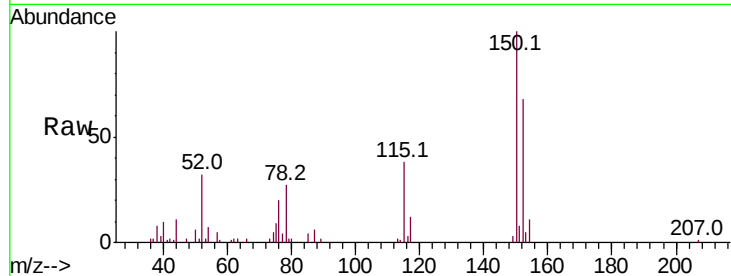


#72

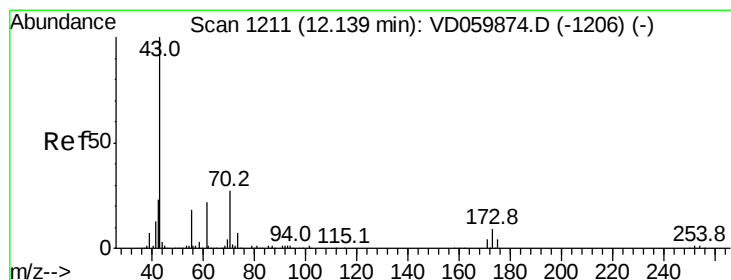
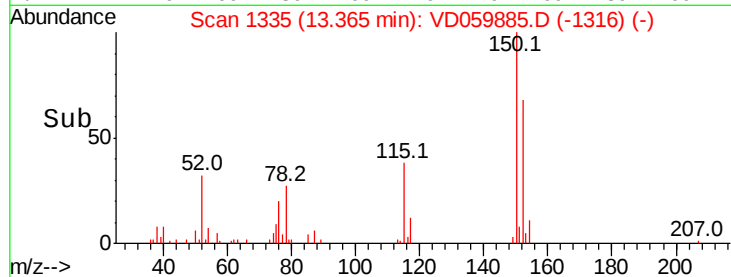
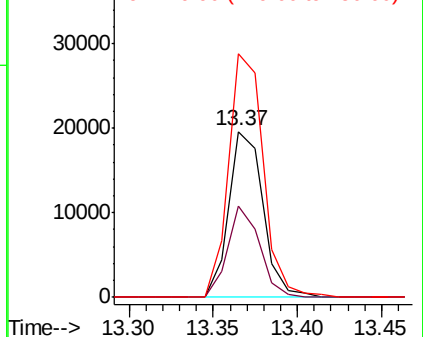
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1335
Delta R.T. -0.01 min
Lab File: VD059885.D
Acq: 23 Aug 2018 13:45

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-037RE

Tot Ion:152 Resp: 27634
Ion Ratio Lower Upper
152 100
115 55.2 25.7 77.0
150 146.6 0.0 310.2



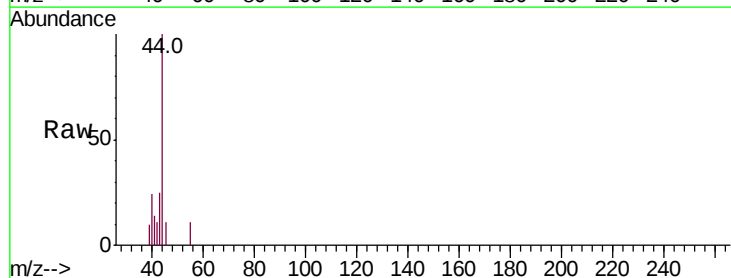
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



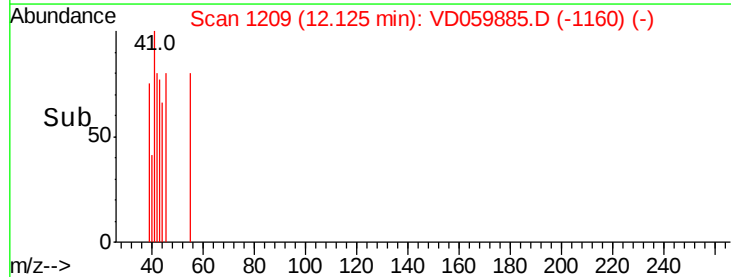
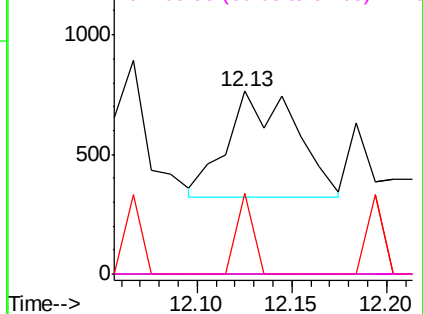
#74

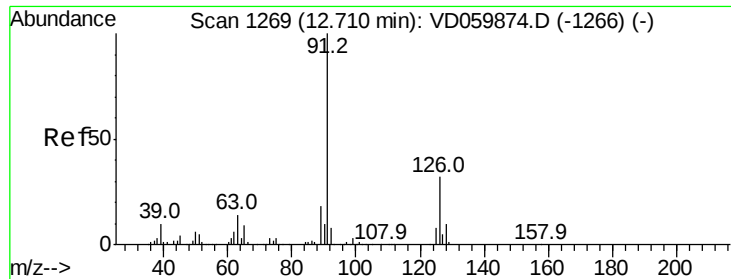
N-ethyl acetate
Concen: 1.424 ug/l
RT: 12.13 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VD059885.D
Acq: 23 Aug 2018 13:45

Tgt Ion: 43 Resp: 1100
Ion Ratio Lower Upper
43 100
70 0.0 21.4 32.2#
55 44.2 14.1 21.1#
61 0.0 17.8 26.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 70.00 (69.70 to 70.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 60.95 (60.65 to 61.65): VDC





#79

2-Chlorotoluene

Concen: 1.723 ug/l

RT: 12.80 min Scan# 1278

Delta R.T. 0.09 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

Instrument :

MSVOA_D

ClientSampleId :

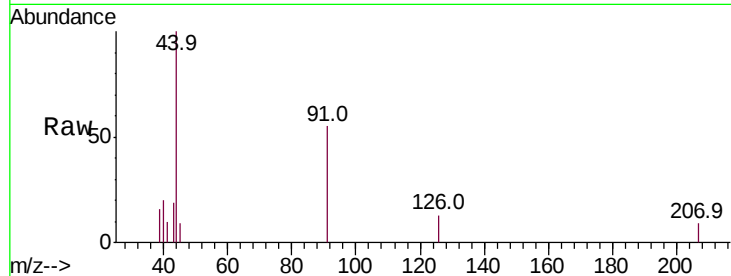
FK-PS-01-037RE

Tot Ion: 91 Resp: 2177

Ion Ratio Lower Upper

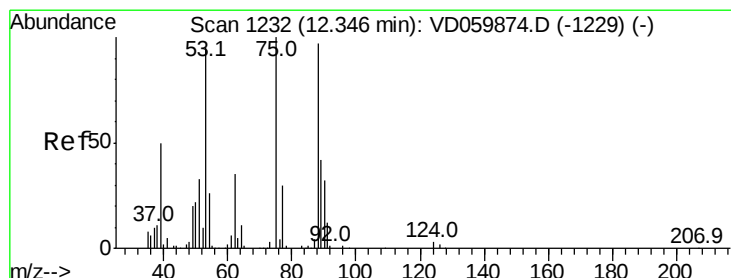
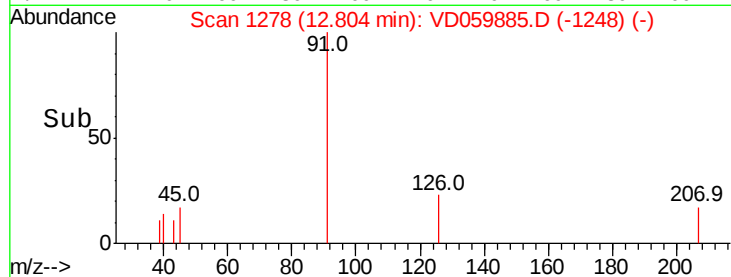
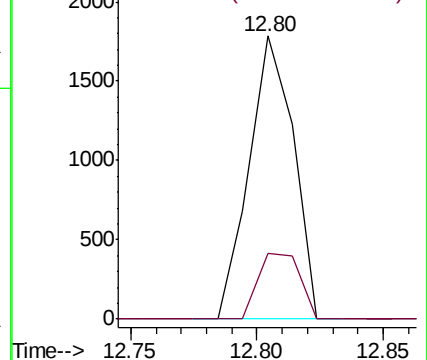
91 100

126 23.4 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 171.893 ug/l

RT: 12.42 min Scan# 1239

Delta R.T. 0.07 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

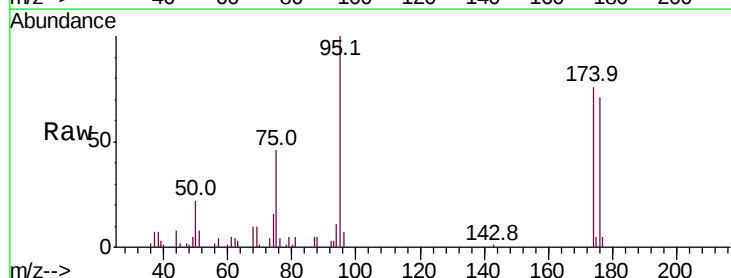
Tgt Ion: 75 Resp: 22965

Ion Ratio Lower Upper

75 100

53 0.0 75.8 113.6#

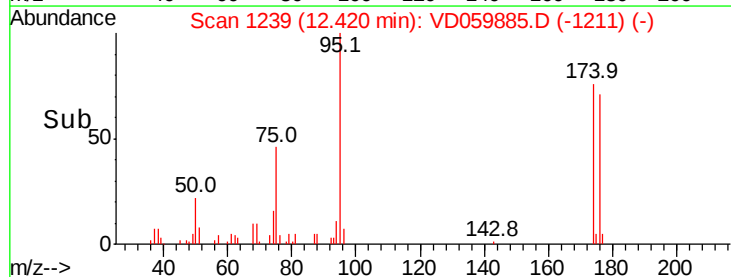
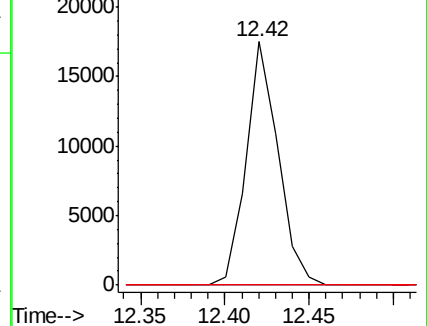
89 0.0 33.6 50.4#

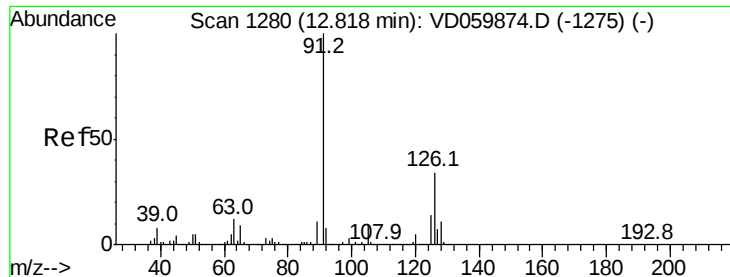


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC





#82

4-Chlorotoluene

Concen: 1.511 ug/l

RT: 12.80 min Scan# 1278

Delta R.T. -0.01 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

Instrument :

MSVOA_D

ClientSampleId :

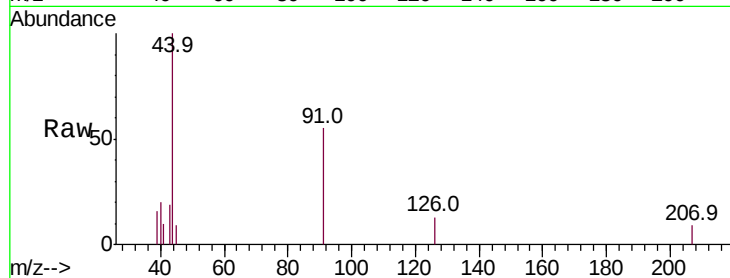
FK-PS-01-037RE

Tot Ion: 91 Resp: 2177

Ion Ratio Lower Upper

91 100

126 23.4 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V

12.80

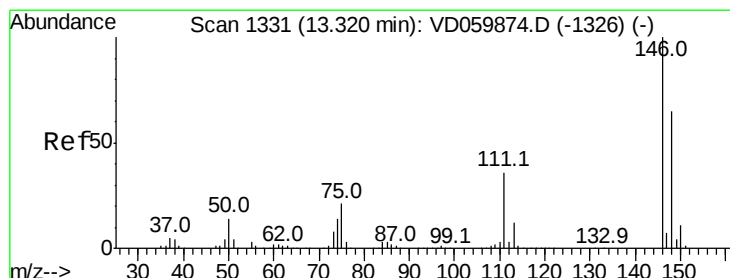
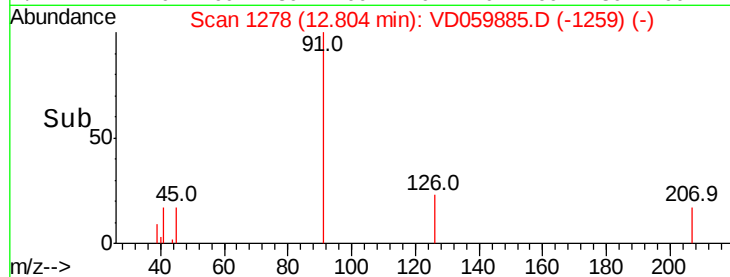
1500

1000

500

0

Time--> 12.75 12.80 12.85



#87

1,3-Dichlorobenzene

Concen: 2.061 ug/l

RT: 13.31 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

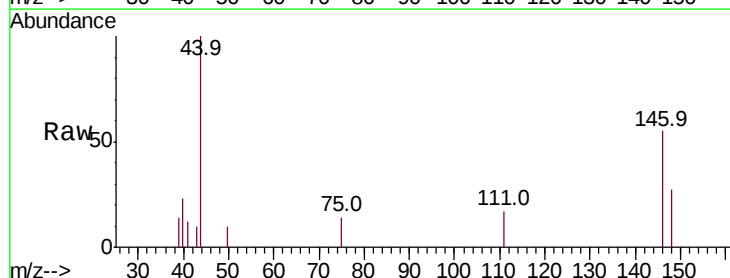
Tgt Ion: 146 Resp: 1800

Ion Ratio Lower Upper

146 100

111 30.6 17.9 53.7

148 48.8 32.4 97.0



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

2500

2000

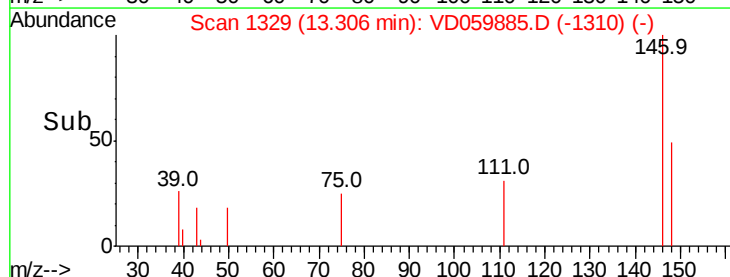
1500

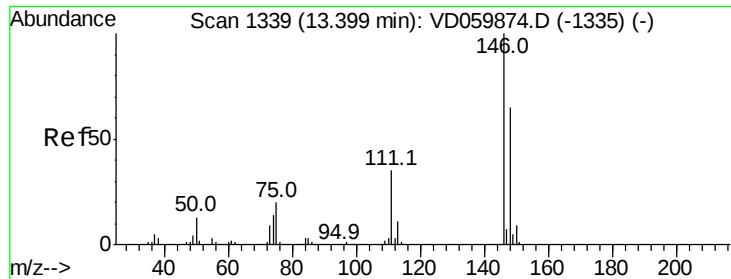
1000

500

0

Time--> 13.25 13.30 13.35





#88

1,4-Dichlorobenzene

Concen: 2.747 ug/l

RT: 13.38 min Scan# 1337

Delta R.T. -0.01 min

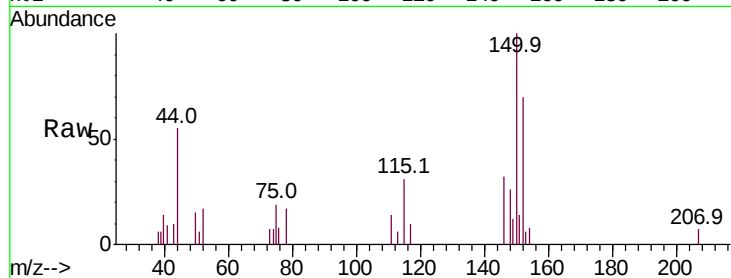
Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-037RE

Tot Ion:146 Resp: 2393

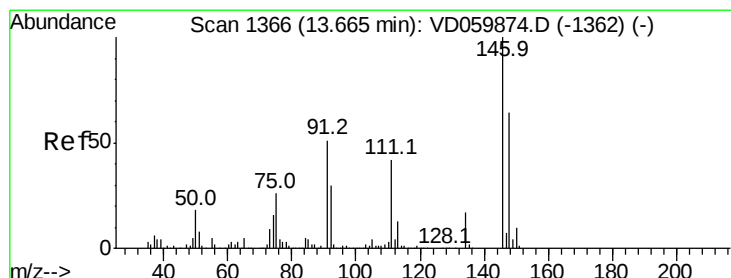
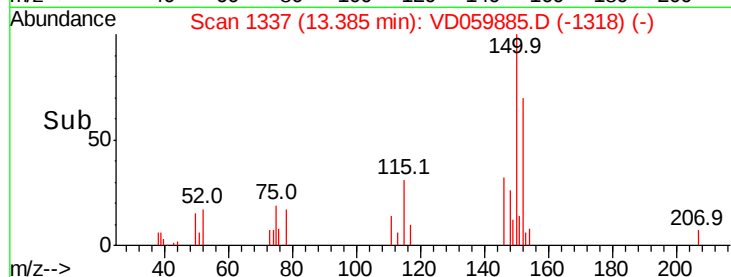
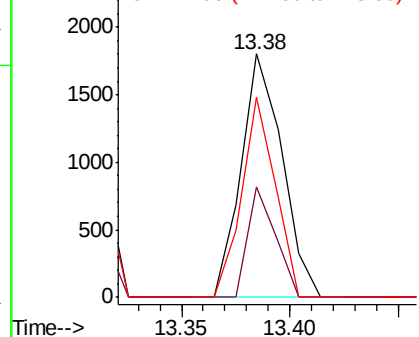
Ion	Ratio	Lower	Upper
146	100		
111	45.4	17.5	52.6
148	82.4	32.5	97.5



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#91

1,2-Dichlorobenzene

Concen: 1.680 ug/l

RT: 13.66 min Scan# 1365

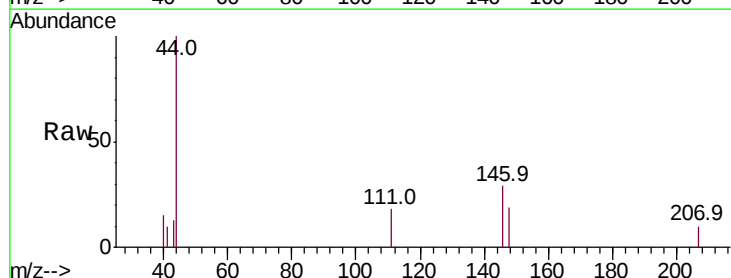
Delta R.T. -0.00 min

Lab File: VD059885.D

Acq: 23 Aug 2018 13:45

Tgt Ion:146 Resp: 1247

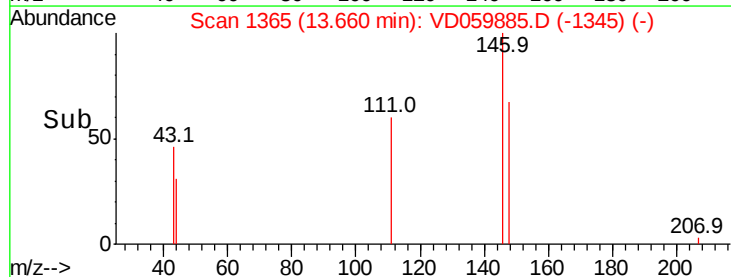
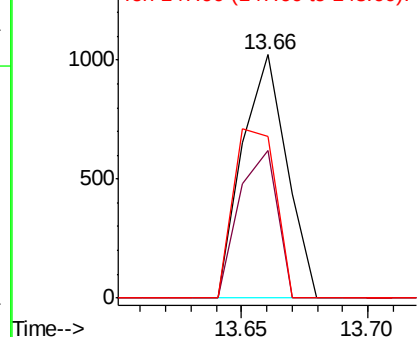
Ion	Ratio	Lower	Upper
146	100		
111	60.4	21.1	63.1
148	66.6	32.2	96.6

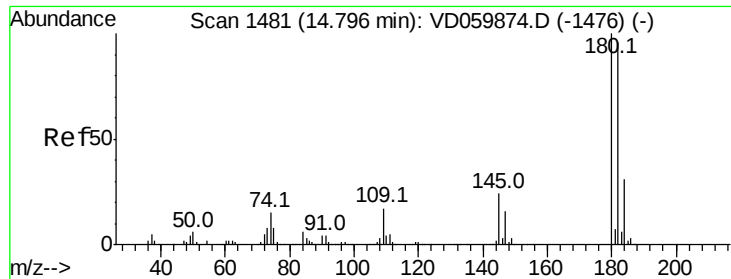


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

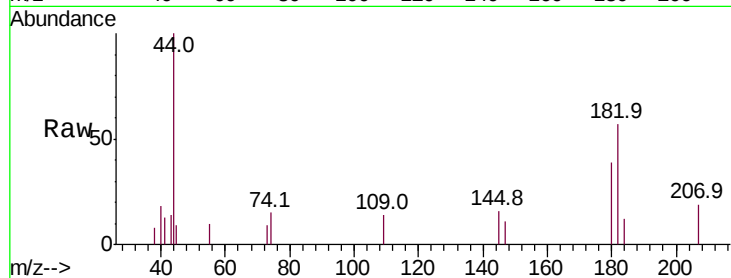




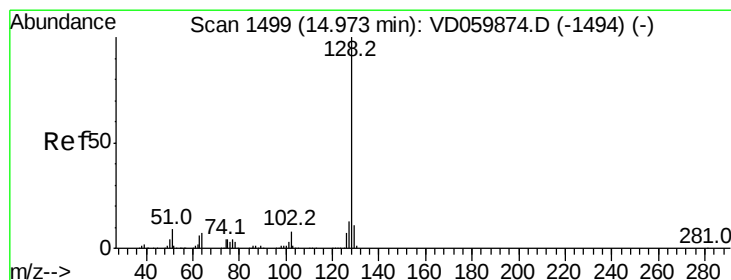
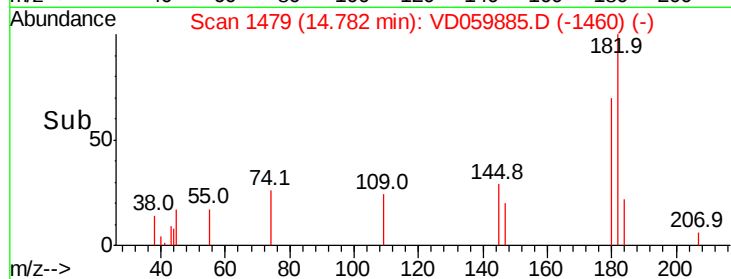
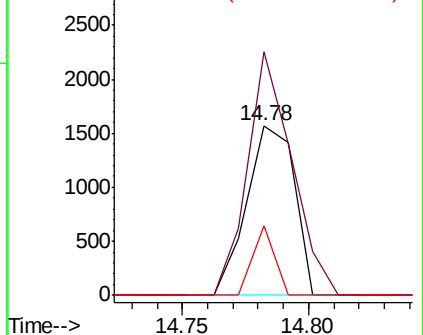
#93
 1,2,4-Trichlorobenzene
 Concen: 3.255 ug/l
 RT: 14.78 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: VD059885.D
 Acq: 23 Aug 2018 13:45

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-037RE

Tot Ion:180 Resp: 2069
 Ion Ratio Lower Upper
 180 100
 182 143.7 47.9 143.7
 145 41.0 12.2 36.4#

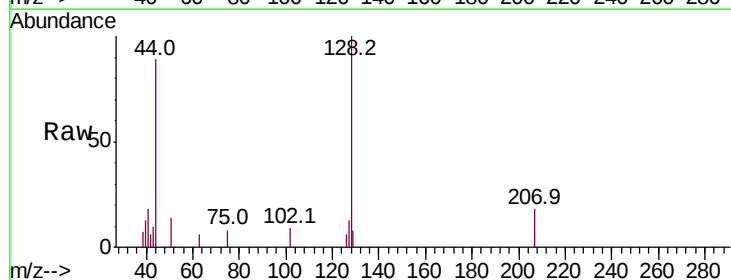


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

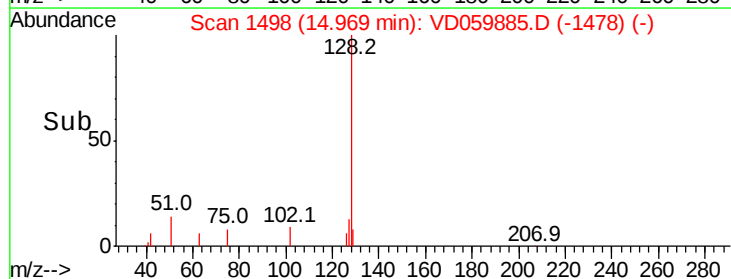
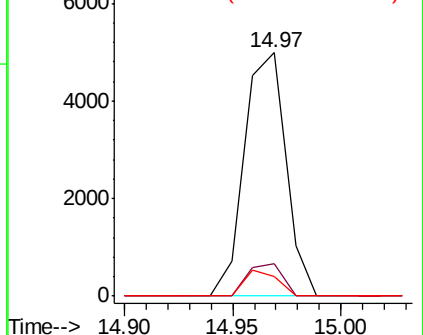


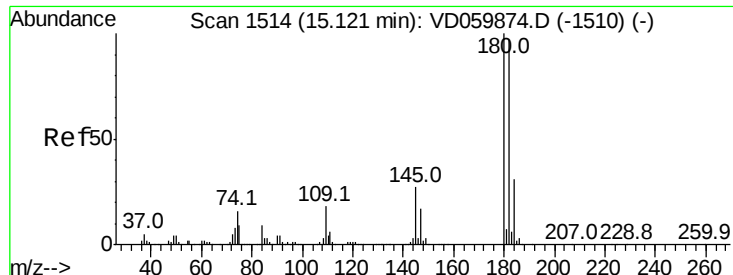
#95
 Naphthalene
 Concen: 6.837 ug/l
 RT: 14.97 min Scan# 1498
 Delta R.T. -0.00 min
 Lab File: VD059885.D
 Acq: 23 Aug 2018 13:45

Tgt Ion:128 Resp: 6642
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.0 15.0
 129 8.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 4.302 ug/l
 RT: 15.11 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: VD059885.D
 Acq: 23 Aug 2018 13:45

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-037RE

Tot Ion	Ratio	Lower	Upper
180	100		
182	69.3	48.6	145.8
145	26.7	13.6	40.8

