

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083118\
 Data File : VD059934.D
 Acq On : 31 Aug 2018 14:28
 Operator : JC/SY
 Sample : J4702-02RE
 Misc : 10.51g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-PS-01-039RE

Quant Time: Aug 31 15:38:53 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	6.39	168	1082191	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	1491053	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1145641	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	480771	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.76	65	343724	37.68	ug/l	-0.04
Spiked Amount				50.000		
Recovery						75.36%
35) Dibromofluoromethane	6.30	113	465762	39.84	ug/l	-0.04
Spiked Amount				50.000		
Recovery						79.68%
50) Toluene-d8	9.44	98	1219594	37.59	ug/l	-0.03
Spiked Amount				50.000		
Recovery						75.18%
62) 4-Bromofluorobenzene	12.42	95	422485	32.06	ug/l	-0.02
Spiked Amount				50.000		
Recovery						64.12%

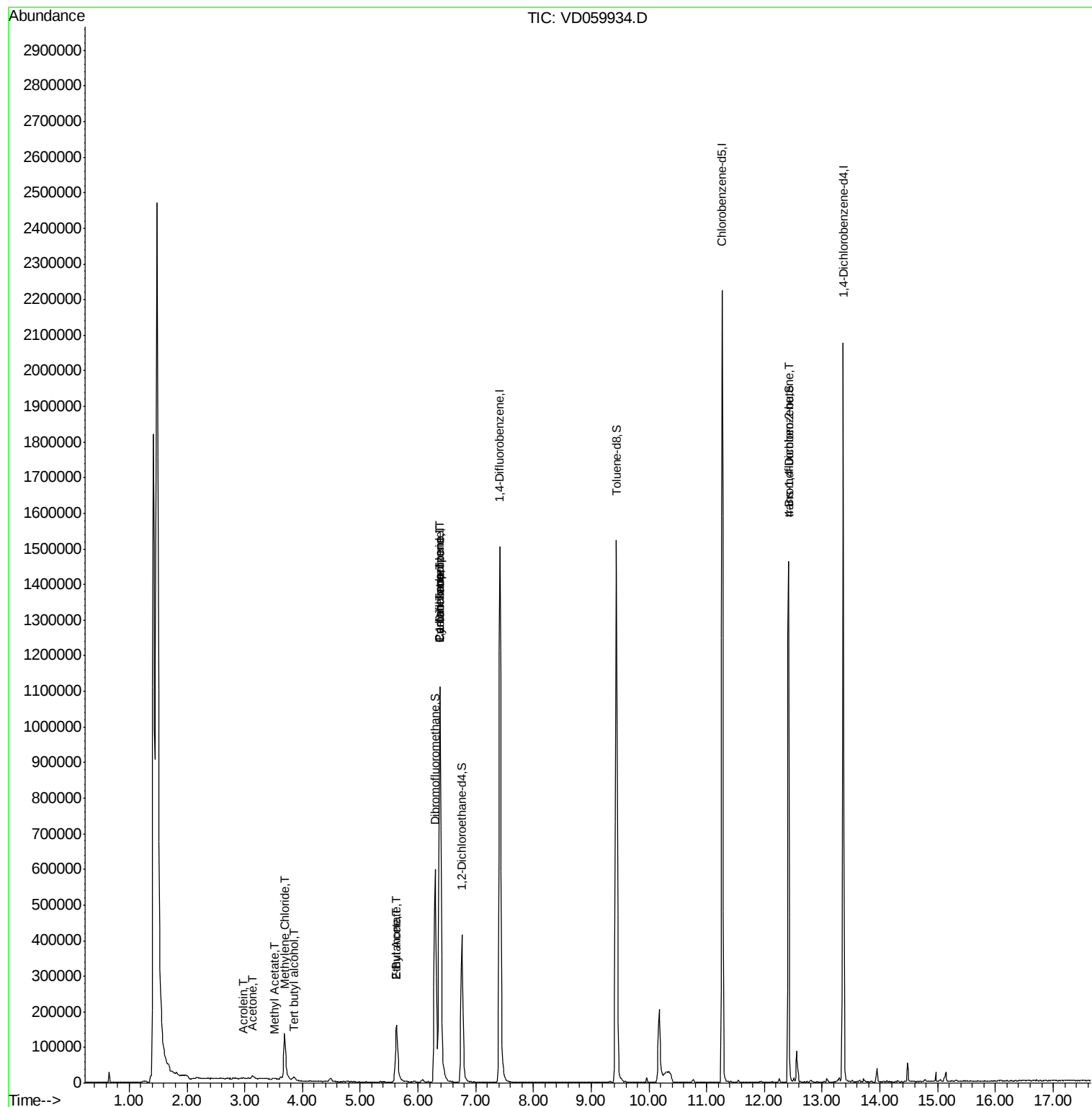
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.85	59	10022	14.400	ug/l #	75
13) Acrolein	2.98	56	545	1.805	ug/l	93
16) Acetone	3.13	43	19944	12.002	ug/l #	89
18) Methyl Acetate	3.52	43	9912	2.857	ug/l #	66
20) Methylene Chloride	3.69	84	79165	3.690	ug/l	96
25) 2-Butanone	5.62	43	15516	3.153	ug/l #	89
31) Cyclohexane	6.38	56	22513	1.296	ug/l #	1
36) 1,1-Dichloropropene	6.38	75	81848	6.055	ug/l #	46
37) Ethyl Acetate	5.62	43	15516	1.475	ug/l #	35
38) Carbon Tetrachloride	6.38	117	88861	6.515	ug/l #	15
81) trans-1,4-Dichloro-2-buten	12.41	75	176643	75.996	ug/l #	12
89) n-Butylbenzene	13.64	91	1549	Below Cal		88

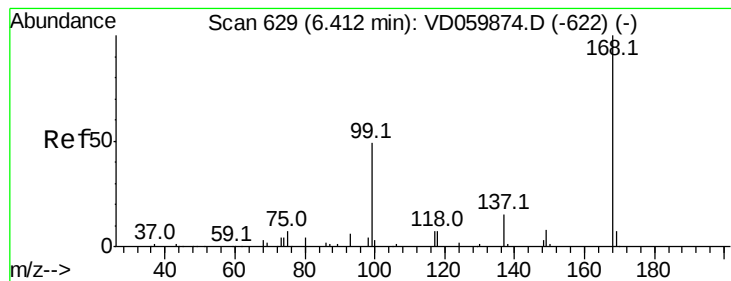
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD083118\
Data File : VD059934.D
Acq On : 31 Aug 2018 14:28
Operator : JC/SY
Sample : J4702-02RE
Misc : 10.51a/5ml/MSVOA D/SOIL
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Quant Time: Aug 31 15:38:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 626

Delta R.T. -0.03 min

Lab File: VD059934.D

Acq: 31 Aug 2018 14:28

Instrument :

MSVOA_D

ClientSampleId :

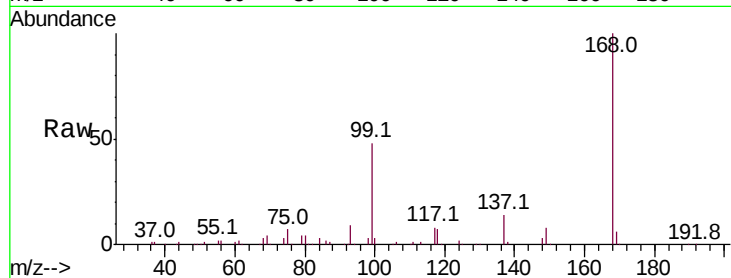
FS-PS-01-039RE

Tot Ion:168 Resp: 1082191

Ion Ratio Lower Upper

168 100

99 47.8 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

400000

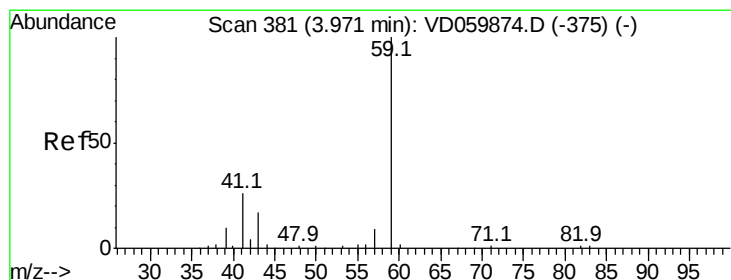
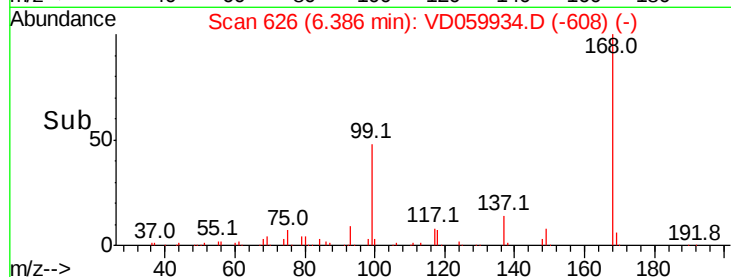
300000

200000

100000

0

Time--> 6.20 6.30 6.40 6.50 6.60



#11

Tert butyl alcohol

Concen: 14.400 ug/l

RT: 3.85 min Scan# 368

Delta R.T. -0.12 min

Lab File: VD059934.D

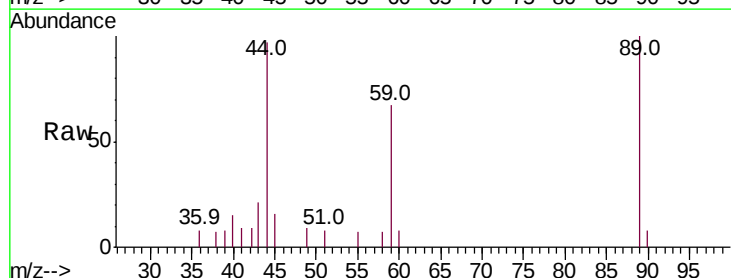
Acq: 31 Aug 2018 14:28

Tgt Ion: 59 Resp: 10022

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.0#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

3.85

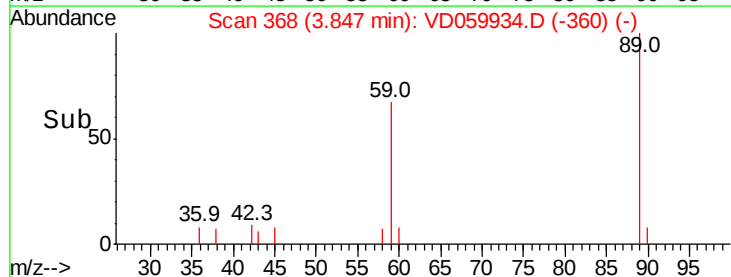
3000

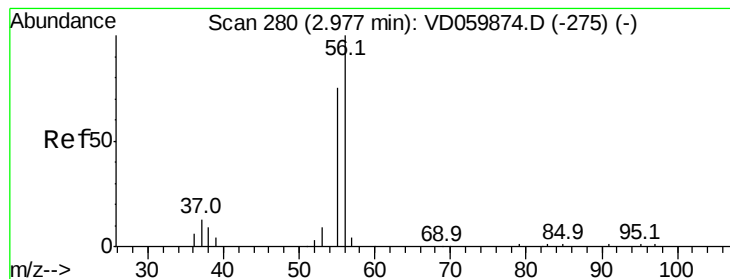
2000

1000

0

Time--> 3.75 3.80 3.85 3.90 3.95





#13

Acrolein

Concen: 1.805 ug/l

RT: 2.98 min Scan# 280

Delta R.T. 0.00 min

Lab File: VD059934.D

Acq: 31 Aug 2018 14:28

Instrument :

MSVOA_D

ClientSampleId :

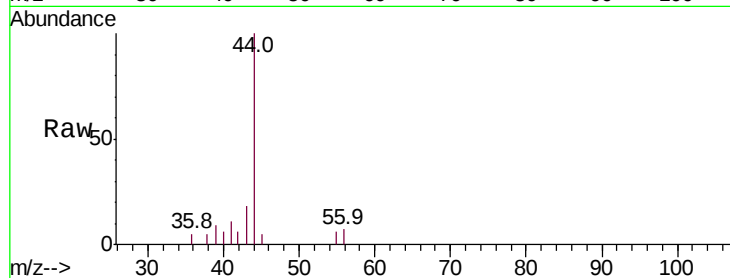
FS-PS-01-039RE

Tot Ion: 56 Resp: 545

Ion Ratio Lower Upper

56 100

55 83.4 61.9 92.9



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

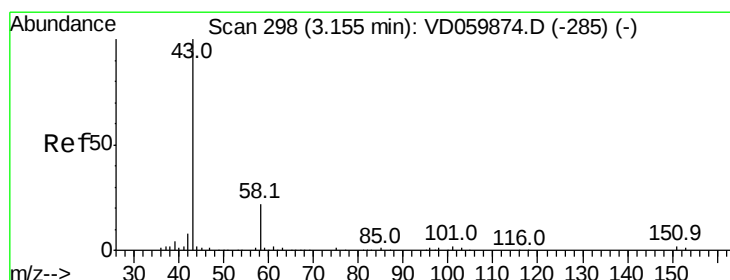
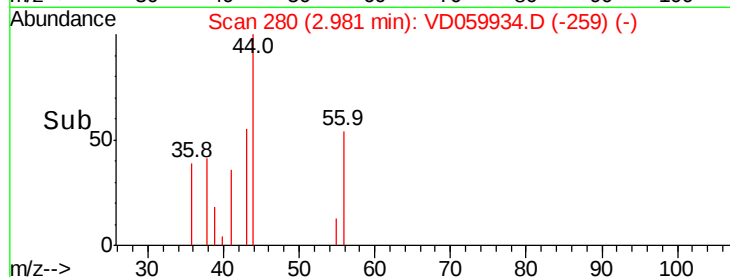
600

400

200

0

Time-->



#16

Acetone

Concen: 12.002 ug/l

RT: 3.13 min Scan# 295

Delta R.T. -0.03 min

Lab File: VD059934.D

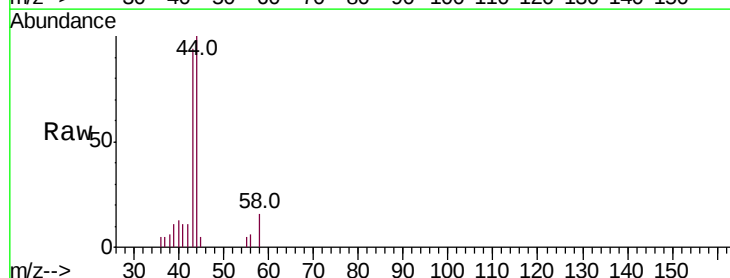
Acq: 31 Aug 2018 14:28

Tgt Ion: 43 Resp: 19944

Ion Ratio Lower Upper

43 100

58 17.0 17.6 26.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

8000

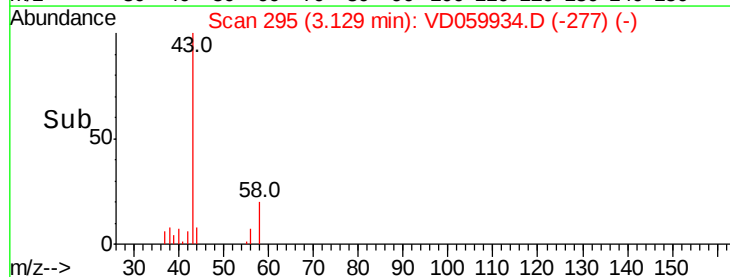
6000

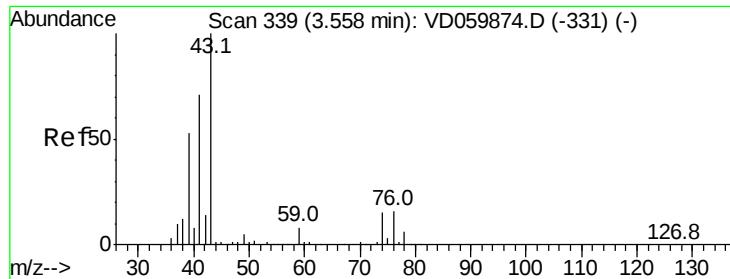
4000

2000

0

Time-->

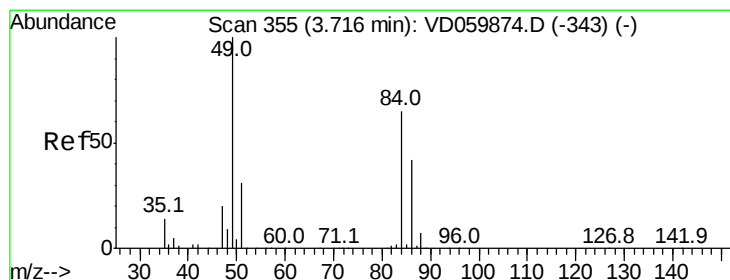
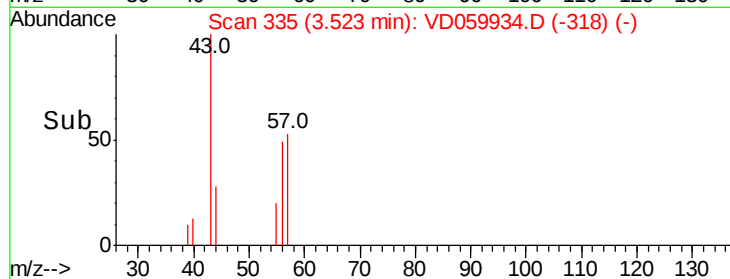
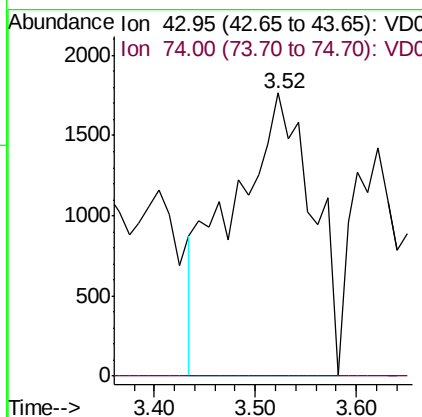
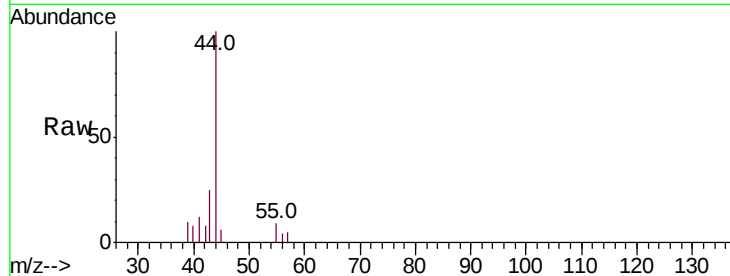




#18
Methyl Acetate
Concen: 2.857 ug/l
RT: 3.52 min Scan# 335
Delta R.T. -0.04 min
Lab File: VD059934.D
Acq: 31 Aug 2018 14:28

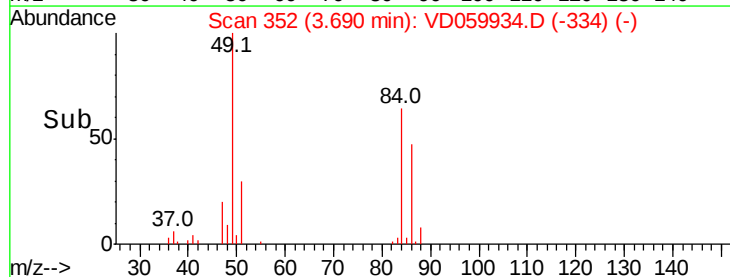
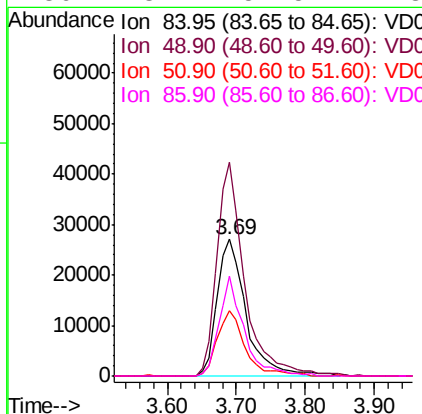
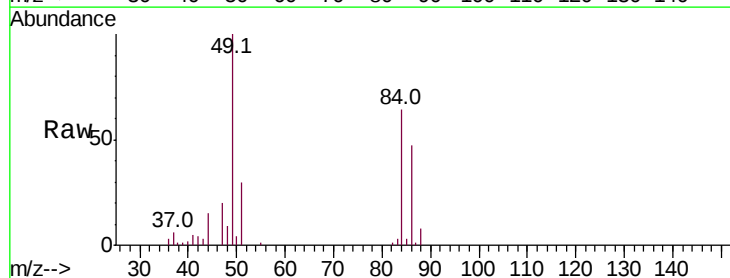
Instrument :
MSVOA_D
ClientSampleId :
FS-PS-01-039RE

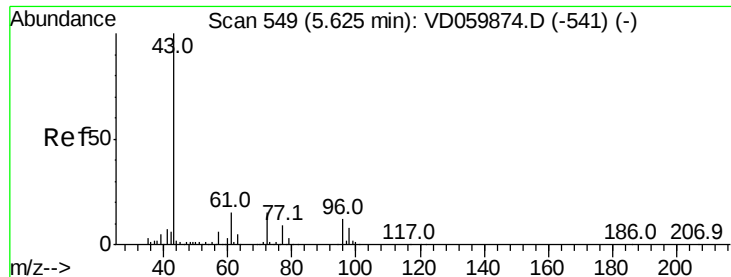
Tot Ion: 43 Resp: 9912
Ion Ratio Lower Upper
43 100
74 0.0 11.2 16.8#



#20
Methylene Chloride
Concen: 3.690 ug/l
RT: 3.69 min Scan# 352
Delta R.T. -0.03 min
Lab File: VD059934.D
Acq: 31 Aug 2018 14:28

Tgt Ion: 84 Resp: 79165
Ion Ratio Lower Upper
84 100
49 156.1 122.6 183.8
51 47.6 38.4 57.6
86 73.2 51.5 77.3





#25

2-Butanone

Concen: 3.153 ug/l

RT: 5.62 min Scan# 548

Delta R.T. -0.01 min

Lab File: VD059934.D

Acq: 31 Aug 2018 14:28

Instrument :

MSVOA_D

ClientSampleId :

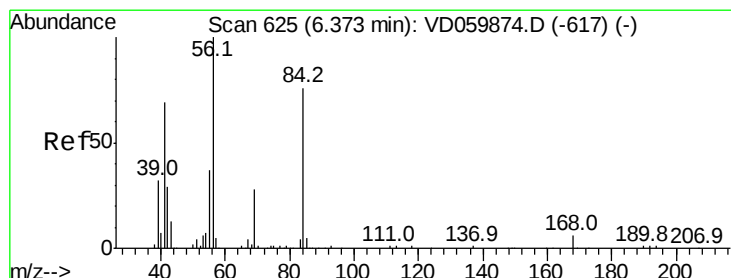
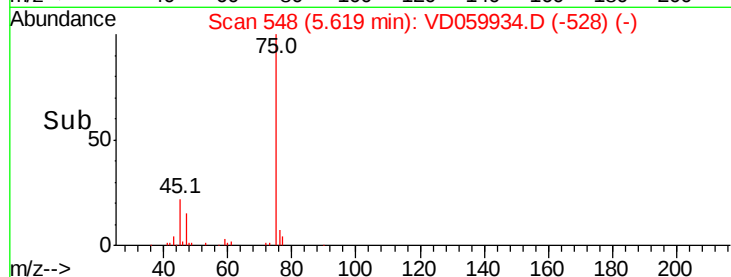
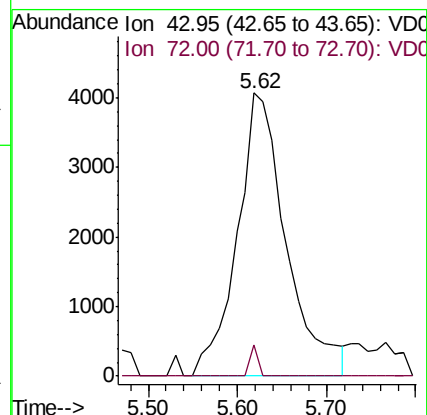
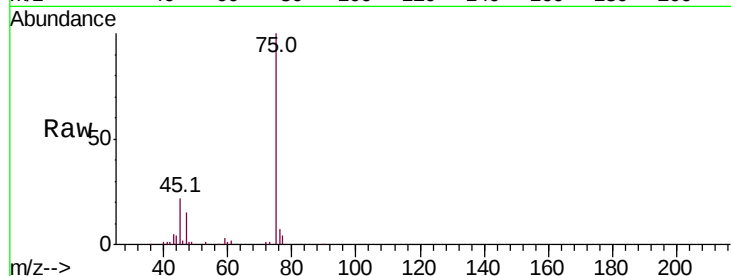
FS-PS-01-039RE

Tot Ion: 43 Resp: 15516

Ion Ratio Lower Upper

43 100

72 10.8 12.3 18.5#



#31

Cyclohexane

Concen: 1.296 ug/l

RT: 6.38 min Scan# 625

Delta R.T. 0.00 min

Lab File: VD059934.D

Acq: 31 Aug 2018 14:28

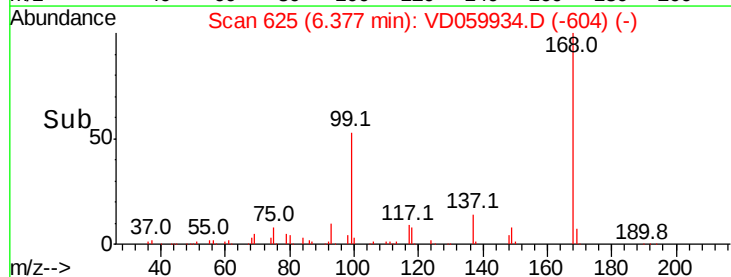
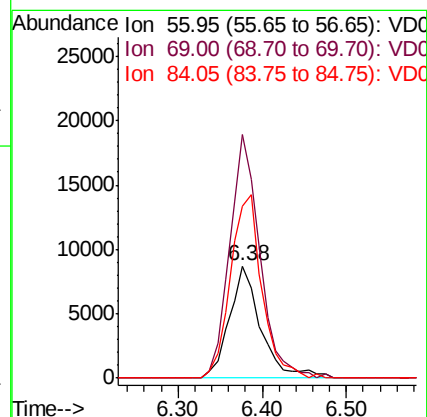
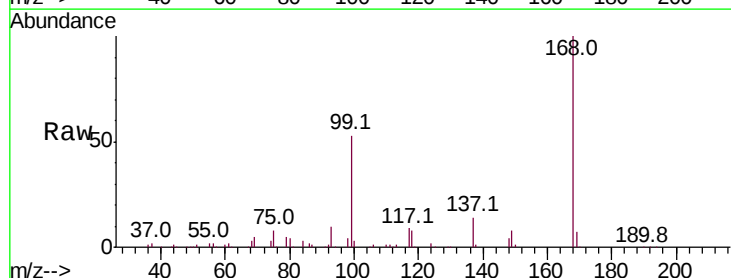
Tgt Ion: 56 Resp: 22513

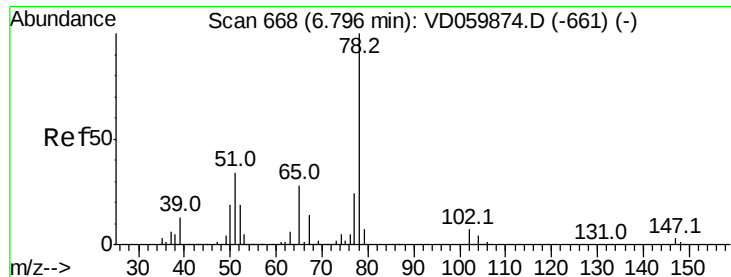
Ion Ratio Lower Upper

56 100

69 217.8 22.4 33.6#

84 154.2 62.1 93.1#

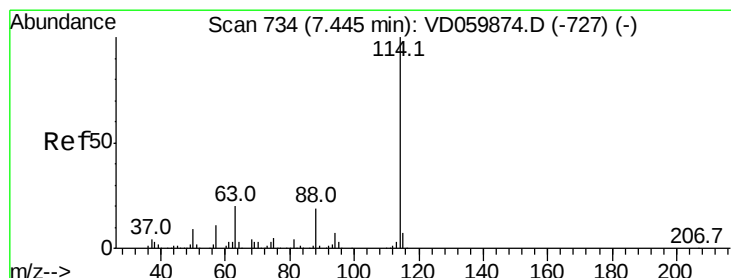
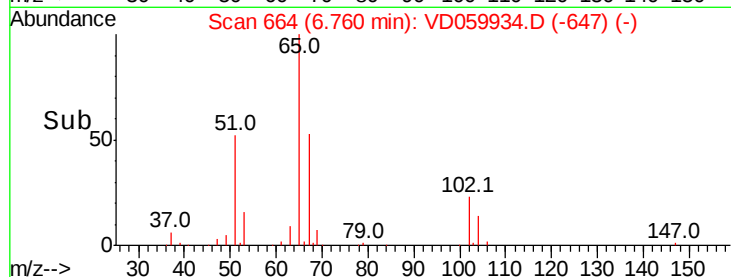
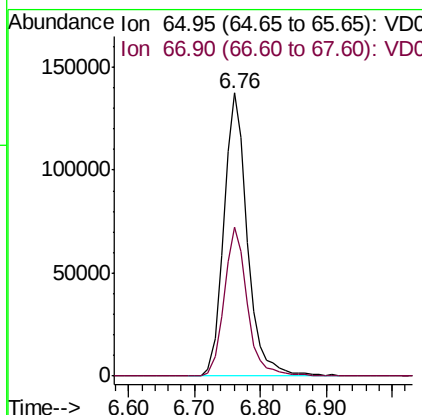
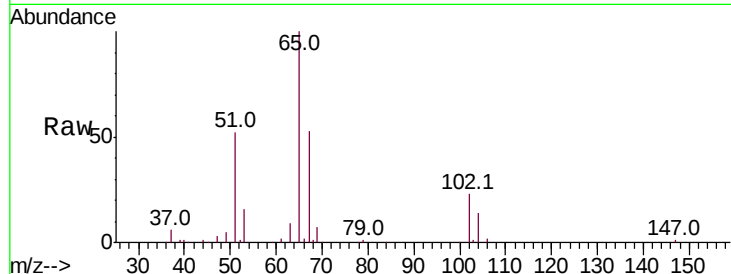




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.76 min Scan# 664
 Delta R.T. -0.04 min
 Lab File: VD059934.D
 Acq: 31 Aug 2018 14:28

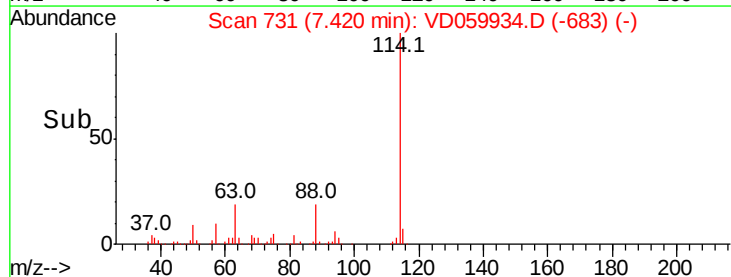
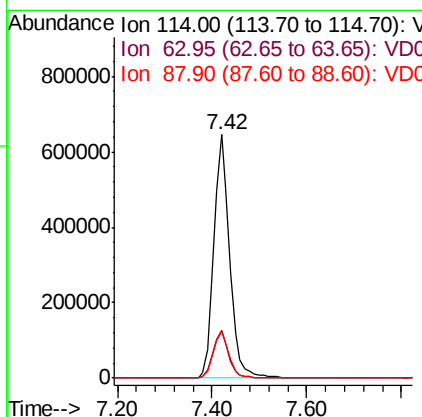
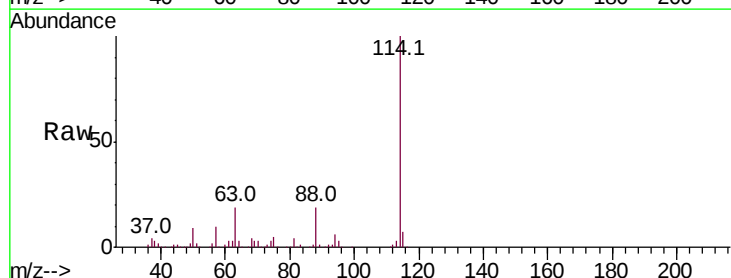
Instrument :
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 FS-PS-01-039RE

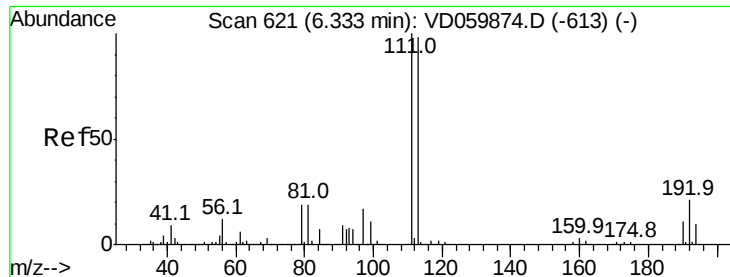
Tot Ion: 65 Resp: 343724
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 731
 Delta R.T. -0.03 min
 Lab File: VD059934.D
 Acq: 31 Aug 2018 14:28

Tgt Ion: 114 Resp: 1491053
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.4
 88 19.0 0.0 37.6

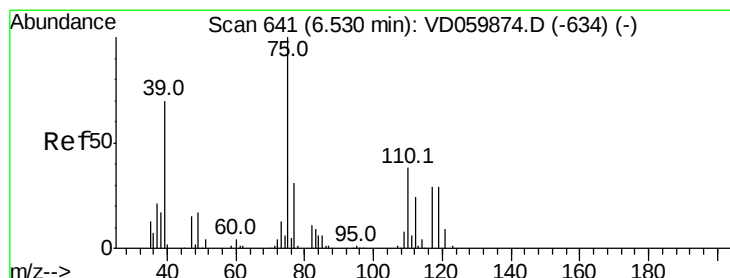
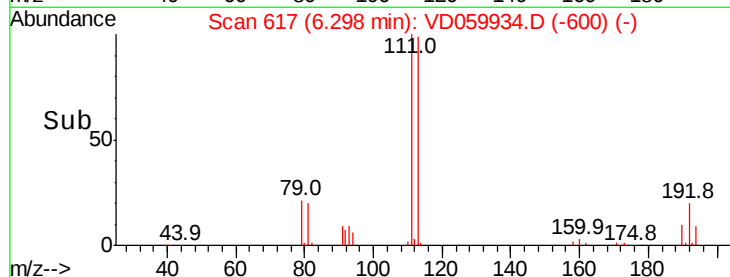
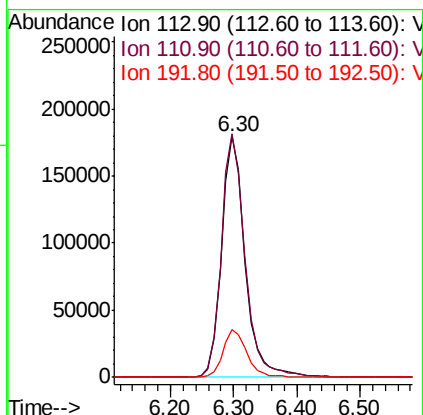
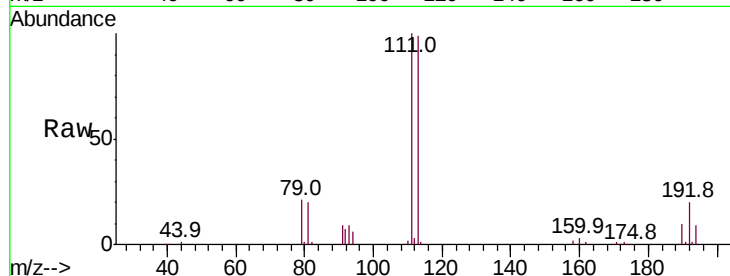




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.30 min Scan# 617
 Delta R.T. -0.04 min
 Lab File: VD059934.D
 Acq: 31 Aug 2018 14:28

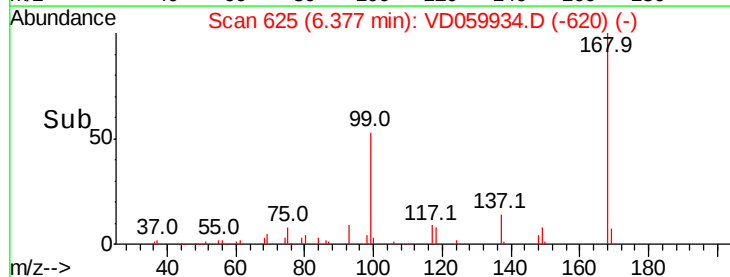
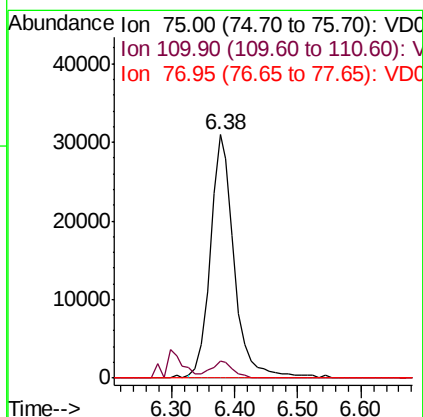
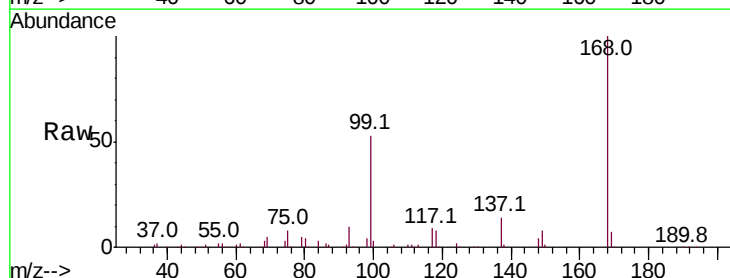
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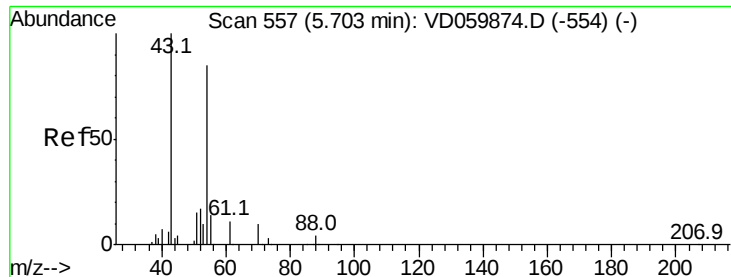
Tot Ion:113 Resp: 465762
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.4 122.2
 192 20.0 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 6.055 ug/l
 RT: 6.38 min Scan# 625
 Delta R.T. -0.15 min
 Lab File: VD059934.D
 Acq: 31 Aug 2018 14:28

Tgt Ion: 75 Resp: 81848
 Ion Ratio Lower Upper
 75 100
 110 6.9 18.6 56.0#
 77 0.0 25.1 37.7#

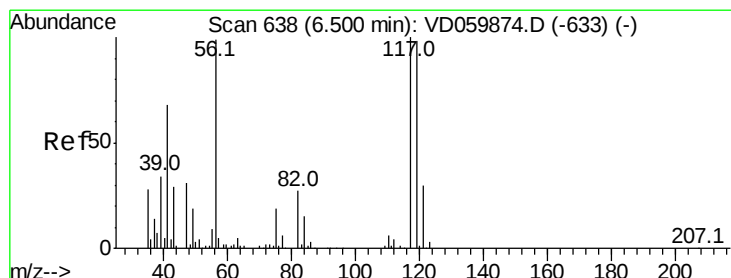
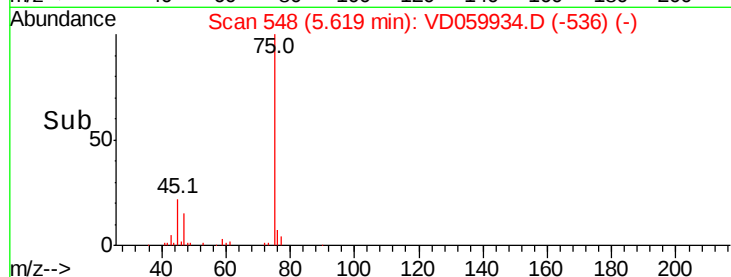
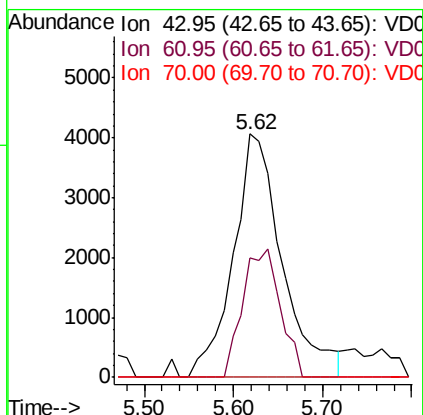
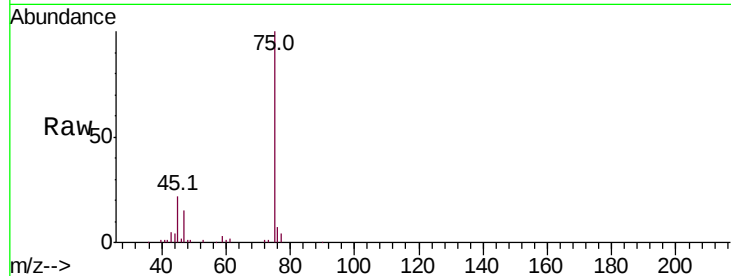




#37
Ethyl Acetate
Concen: 1.475 ug/l
RT: 5.62 min Scan# 548
Delta R.T. -0.08 min
Lab File: VD059934.D
Acq: 31 Aug 2018 14:28

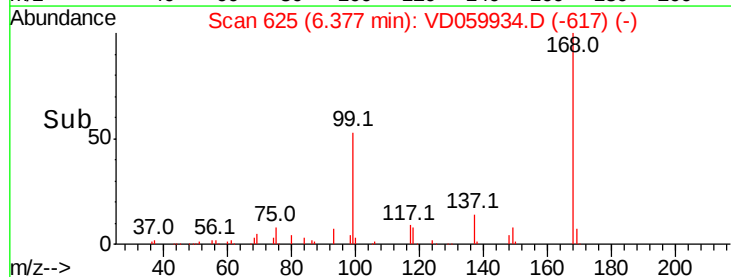
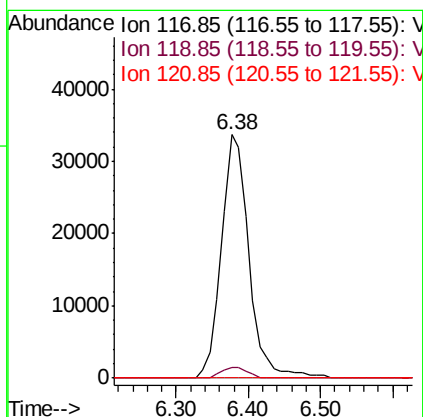
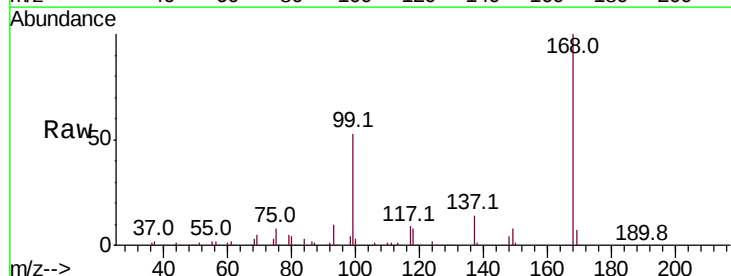
Instrument :
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FS-PS-01-039RE

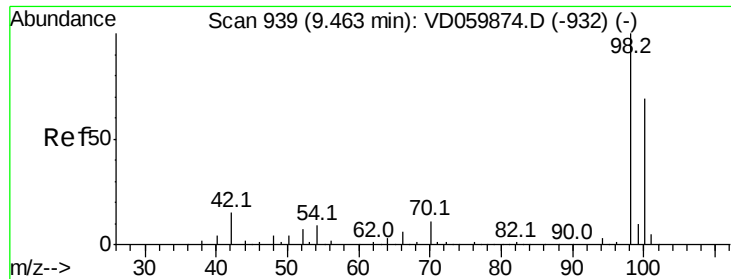
Tot Ion: 43 Resp: 15516
Ion Ratio Lower Upper
43 100
61 49.3 11.0 16.6#
70 0.0 5.7 8.5#



#38
Carbon Tetrachloride
Concen: 6.515 ug/l
RT: 6.38 min Scan# 625
Delta R.T. -0.12 min
Lab File: VD059934.D
Acq: 31 Aug 2018 14:28

Tgt Ion: 117 Resp: 88861
Ion Ratio Lower Upper
117 100
119 4.3 77.2 115.8#
121 0.0 24.0 36.0#

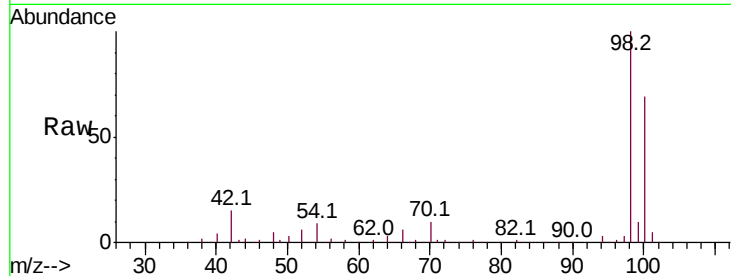




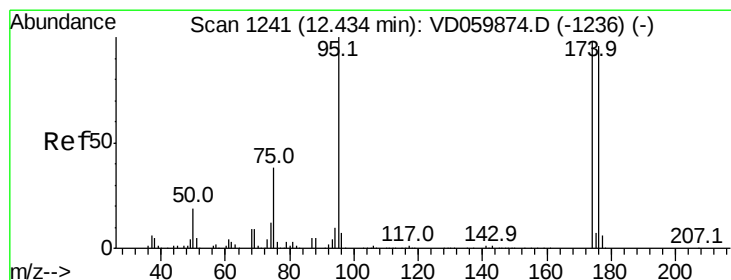
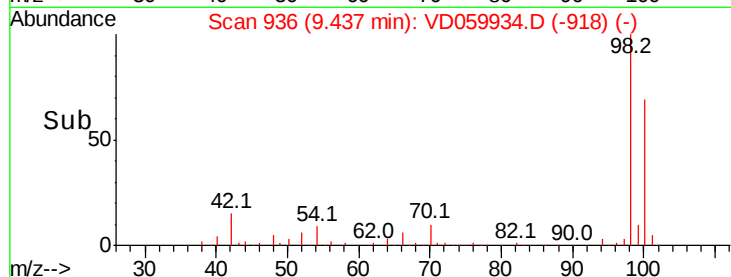
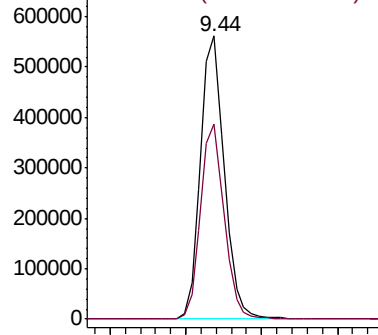
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 936
Delta R.T. -0.03 min
Lab File: VD059934.D
Acq: 31 Aug 2018 14:28

Instrument :
MSVOA_D
ClientSampleId :
FS-PS-01-039RE

Tot Ion: 98 Resp: 1219594
Ion Ratio Lower Upper
98 100
100 68.8 55.8 83.6

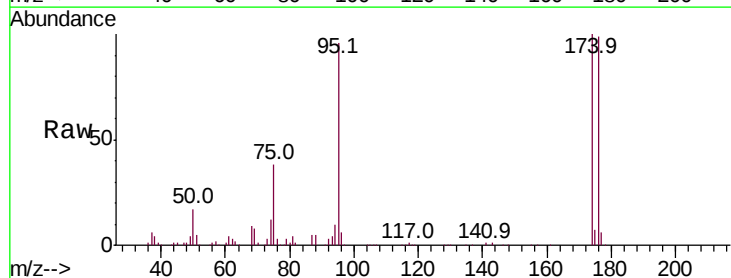


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

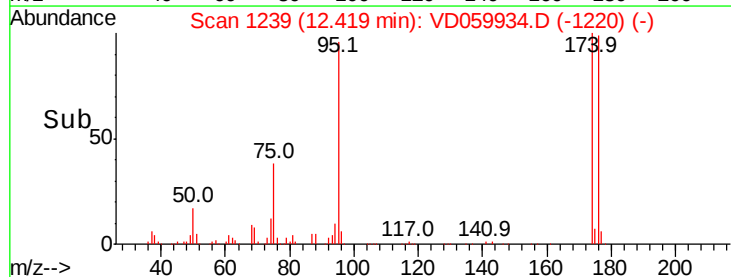
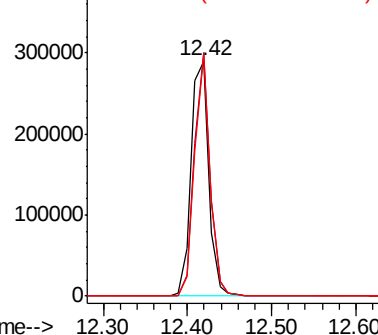


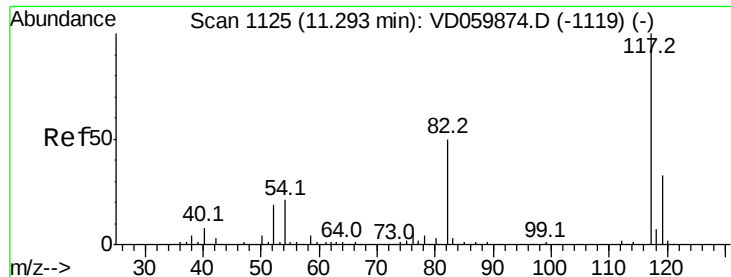
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1239
Delta R.T. -0.02 min
Lab File: VD059934.D
Acq: 31 Aug 2018 14:28

Tgt Ion: 95 Resp: 422485
Ion Ratio Lower Upper
95 100
174 103.7 0.0 195.6
176 102.9 0.0 191.2



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

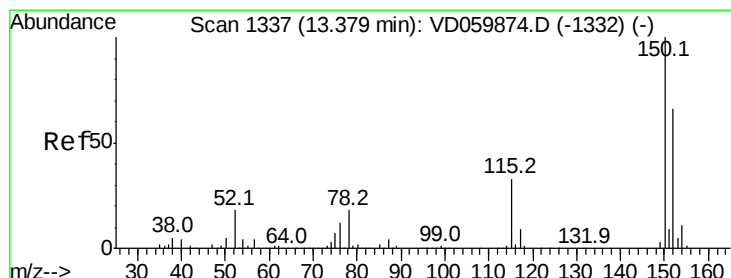
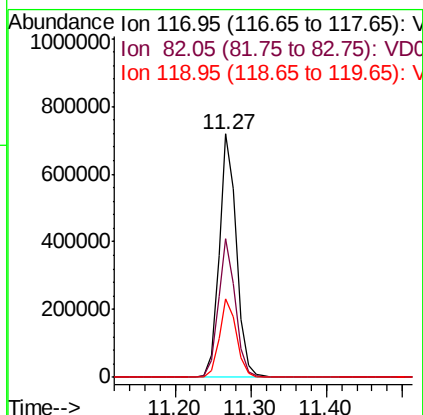
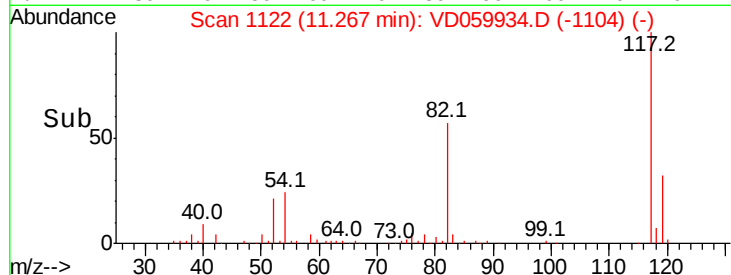
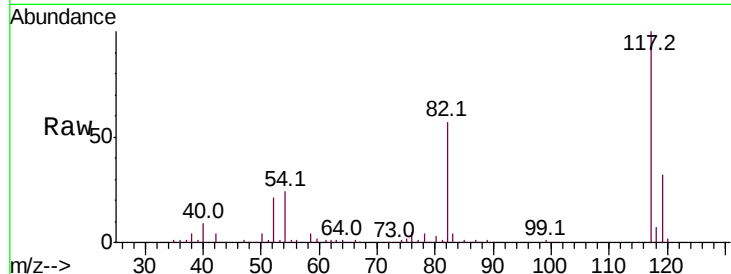




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 1122
Delta R.T. -0.03 min
Lab File: VD059934.D
Acq: 31 Aug 2018 14:28

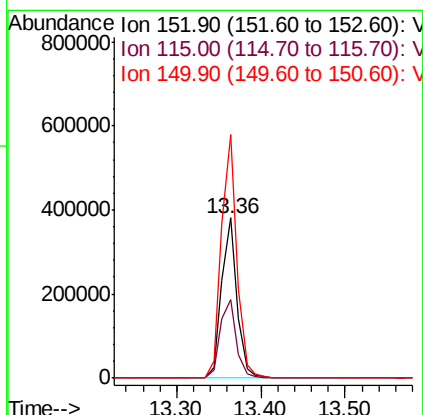
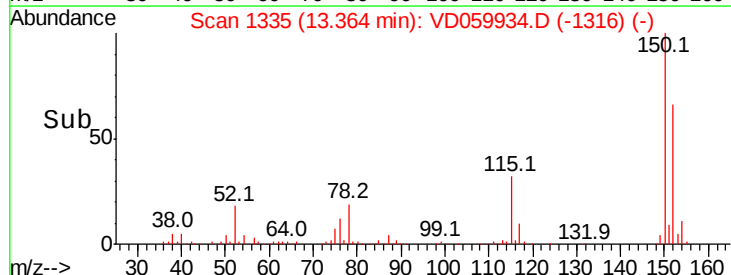
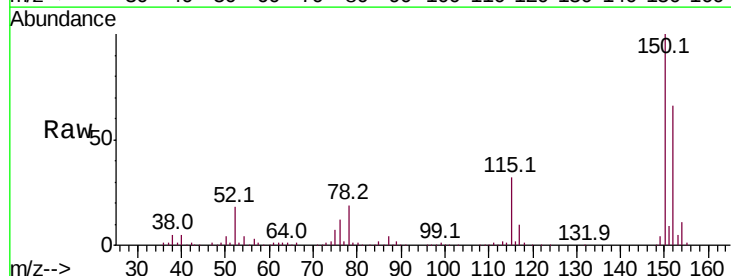
Instrument :
MSVOA_D
ClientSampleId :
FS-PS-01-039RE

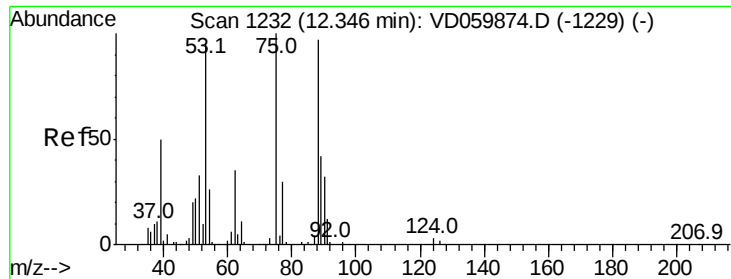
Tot Ion:117 Resp: 1145641
Ion Ratio Lower Upper
117 100
82 56.8 40.1 60.1
119 32.2 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1335
Delta R.T. -0.02 min
Lab File: VD059934.D
Acq: 31 Aug 2018 14:28

Tgt Ion:152 Resp: 480771
Ion Ratio Lower Upper
152 100
115 48.6 25.7 77.0
150 151.9 0.0 310.2





#81

trans-1,4-Dichloro-2-butene

Concen: 75.996 ug/l

RT: 12.41 min Scan# 1238

Delta R.T. 0.06 min

Lab File: VD059934.D

Acq: 31 Aug 2018 14:28

Instrument :

MSVOA_D

ClientSampleId :

FS-PS-01-039RE

Tot Ion: 75 Resp: 176643

Ion Ratio Lower Upper

75 100

53 0.0 75.8 113.6#

89 0.0 33.6 50.4#

