

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021720\
 Data File : VD065207.D
 Acq On : 17 Feb 2020 20:07
 Operator : VA/SY
 Sample : L1548-02
 Misc : 6.13G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-063

Quant Time: Feb 18 03:18:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	754	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	59	21.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.80%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	10.34	98	884	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
62) 4-Bromofluorobenzene	12.64	95	435	71.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.19	85	57	21.608	ug/l #	43
3) Chloromethane	2.23	50	54	17.390	ug/l #	40
5) Bromomethane	2.90	94	77	36.161	ug/l #	3
8) Diethyl Ether	3.71	74	56	40.815	ug/l #	28
11) Tert butyl alcohol	5.24	59	54	328.040	ug/l #	71
12) 1,1-Dichloroethene	4.10	96	70	25.016	ug/l #	1
14) Allyl chloride	4.71	41	68	14.622	ug/l #	22
16) Acetone	4.18	43	680	1009.495	ug/l #	45
18) Methyl Acetate	4.74	43	58	41.212	ug/l #	52
20) Methylene Chloride	4.97	84	912	329.514	ug/l #	67
21) trans-1,2-Dichloroethene	5.50	96	62	19.584	ug/l #	1
27) cis-1,2-Dichloroethene	7.03	96	60	17.840	ug/l #	1
28) Bromochloromethane	7.71	49	317	157.497	ug/l #	12
29) Tetrahydrofuran	7.41	42	61	125.537	ug/l #	34
30) Chloroform	7.73	83	4694	887.868	ug/l #	81
31) Cyclohexane	8.01	56	109	20.337	ug/l #	15
43) Isopropyl Acetate	8.57	43	122	19.499	ug/l #	52
47) Bromodichloromethane	9.66	83	83	11.309	ug/l #	25
48) Methyl methacrylate	9.43	41	55	18.268	ug/l #	13
51) 4-Methyl-2-Pentanone	9.98	43	55	17.859	ug/l #	37
55) 1,1,2-Trichloroethane	10.73	97	140	36.644	ug/l #	17
59) 2-Hexanone	11.06	43	54	24.755	ug/l #	26
67) Ethyl Benzene	11.75	91	100	4.204	ug/l #	43
68) m/p-Xylenes	11.86	106	153	16.850	ug/l #	58
76) 1,2,3-Trichloropropane	12.64	75	159	27.853	ug/l #	100
78) n-propylbenzene	12.83	91	192	3.168	ug/l #	52
79) 2-Chlorotoluene	12.83	91	192	5.683	ug/l #	40
81) trans-1,4-Dichloro-2-buten	12.64	75	159	55.703	ug/l #	10
82) 4-Chlorotoluene	12.83	91	192	5.412	ug/l #	40
83) tert-Butylbenzene	13.27	119	55	1.506	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.28	105	416	9.897	ug/l	75
85) sec-Butylbenzene	13.28	105	416	8.339	ug/l #	56
86) p-Isopropyltoluene	13.27	119	55	1.187	ug/l #	50
95) Naphthalene	15.41	128	1186	49.928	ug/l #	89

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Quant Time: Feb 18 03:18:42 2020
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Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration

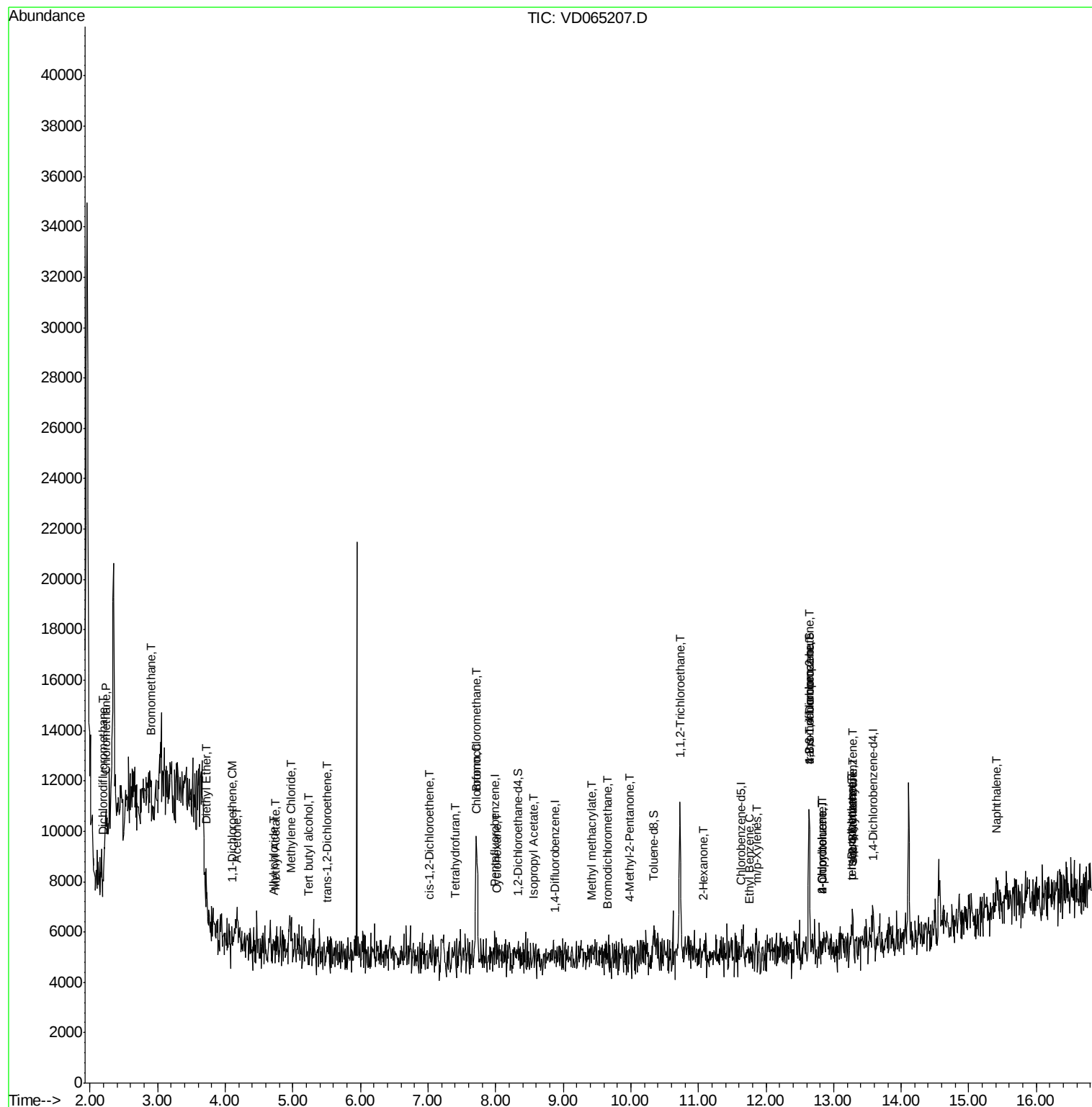
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

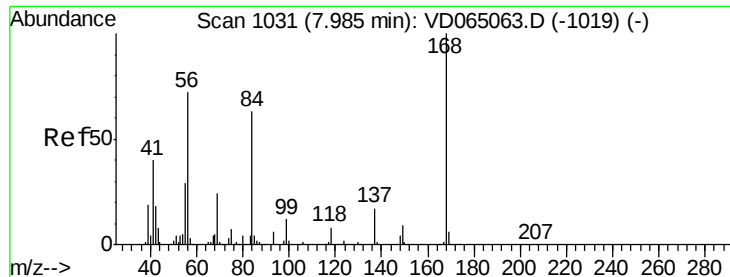
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021720\
Data File : VD065207.D
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Operator : VA/SY
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD065207.D

Acq: 17 Feb 2020 20:07

Instrument :

MSVOA_D

ClientSampleId :

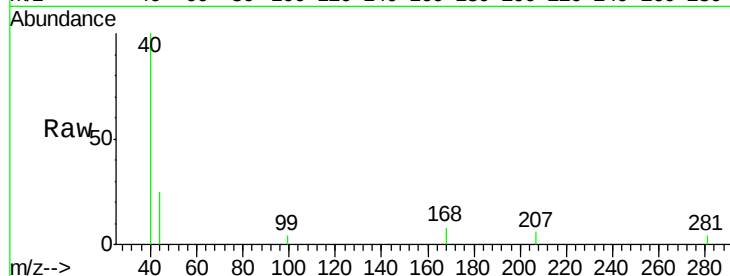
FK-PS-01-063

Tot Ion:168 Resp: 317

Ion Ratio Lower Upper

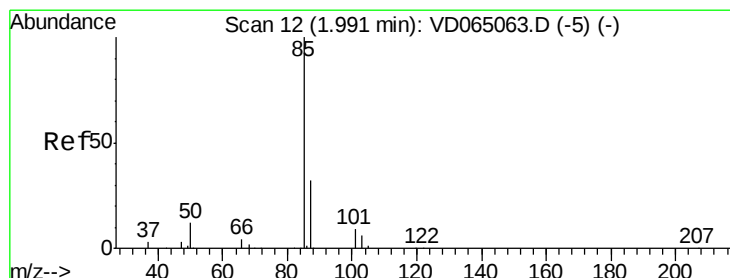
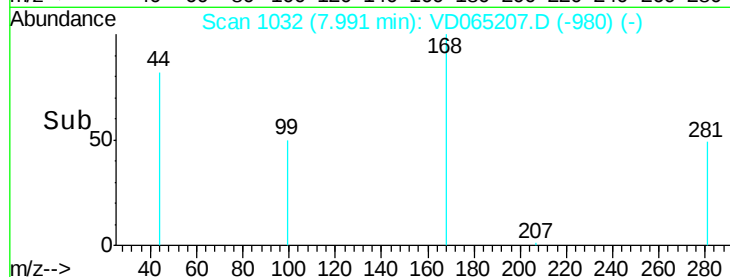
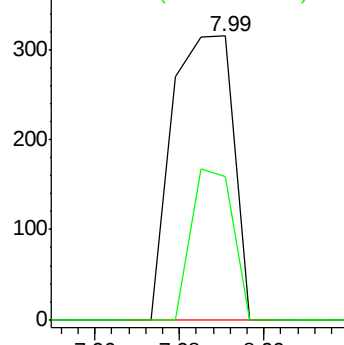
168 100

99 50.5 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 21.608 ug/l

RT: 2.19 min Scan# 45

Delta R.T. 0.19 min

Lab File: VD065207.D

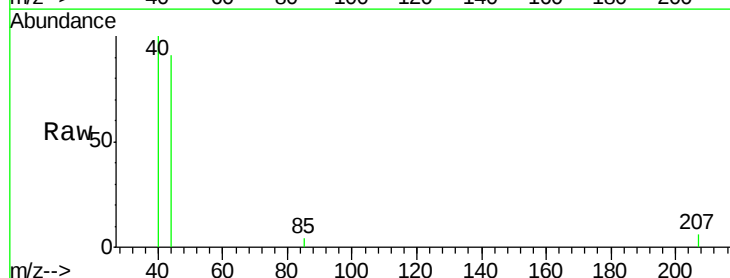
Acq: 17 Feb 2020 20:07

Tgt Ion: 85 Resp: 57

Ion Ratio Lower Upper

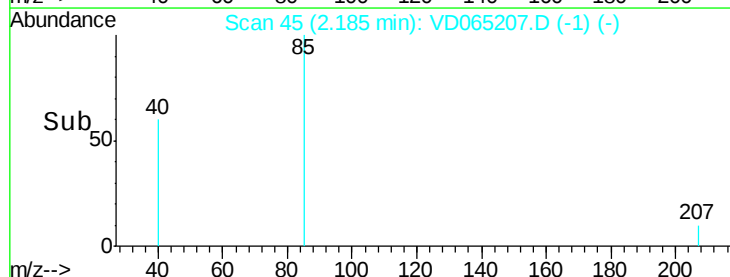
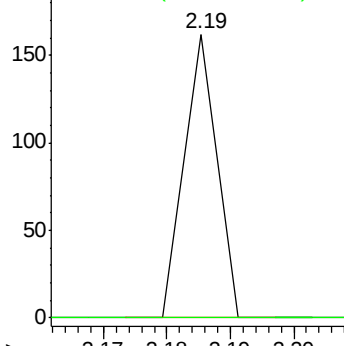
85 100

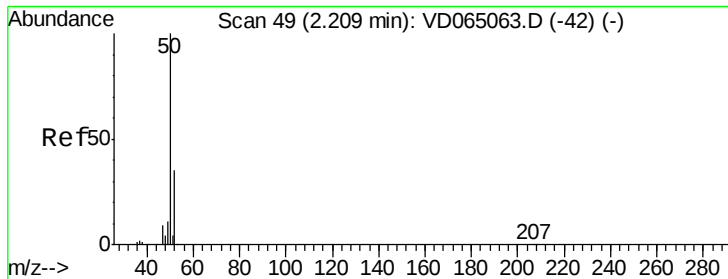
87 0.0 15.8 47.3#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 17.390 ug/l

RT: 2.23 min Scan# 52

Delta R.T. 0.02 min

Lab File: VD065207.D

Acq: 17 Feb 2020 20:07

Instrument :

MSVOA_D

ClientSampleId :

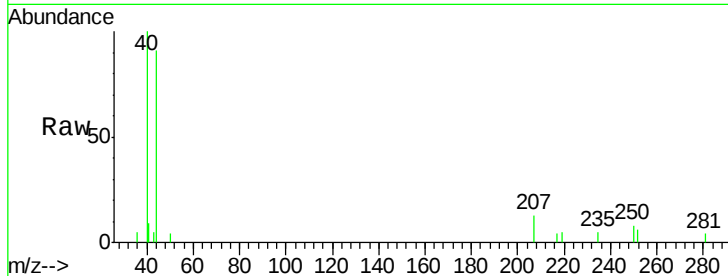
FK-PS-01-063

Tot Ion: 50 Resp: 54

Ion Ratio Lower Upper

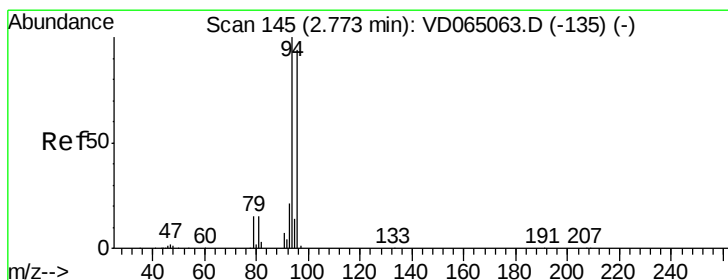
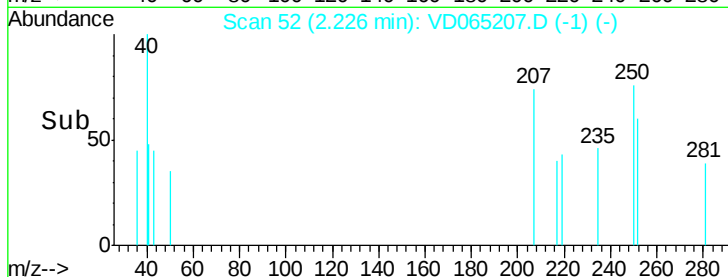
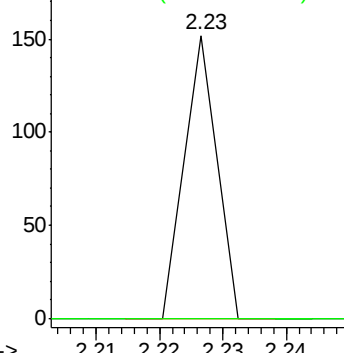
50 100

52 0.0 27.8 41.6#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#5

Bromomethane

Concen: 36.161 ug/l

RT: 2.90 min Scan# 167

Delta R.T. 0.13 min

Lab File: VD065207.D

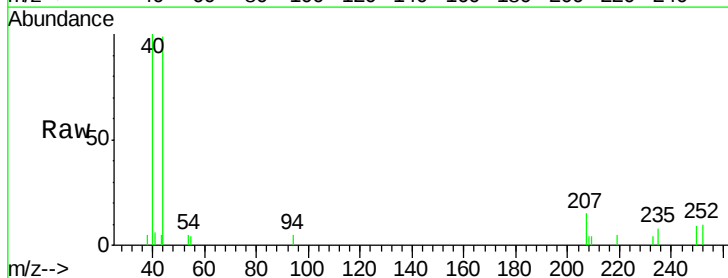
Acq: 17 Feb 2020 20:07

Tgt Ion: 94 Resp: 77

Ion Ratio Lower Upper

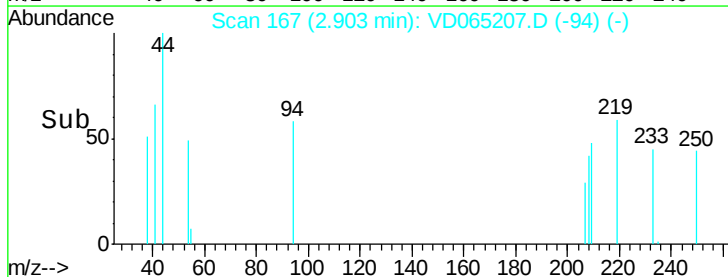
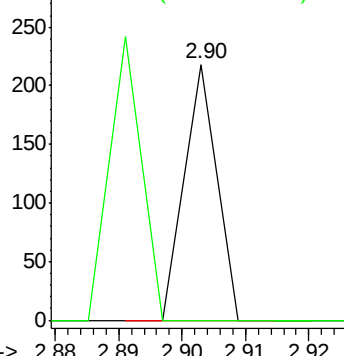
94 100

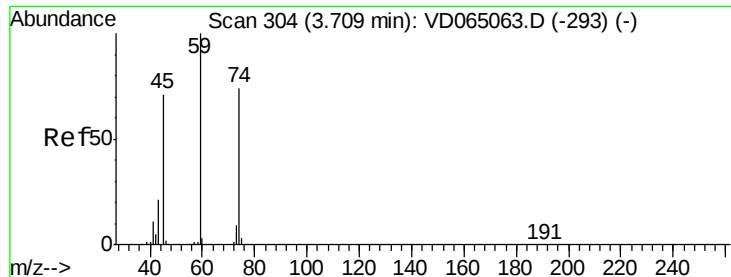
96 0.0 75.4 113.0#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC





#8

Diethyl Ether

Concen: 40.815 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD065207.D

Acq: 17 Feb 2020 20:07

Instrument :

MSVOA_D

ClientSampleId :

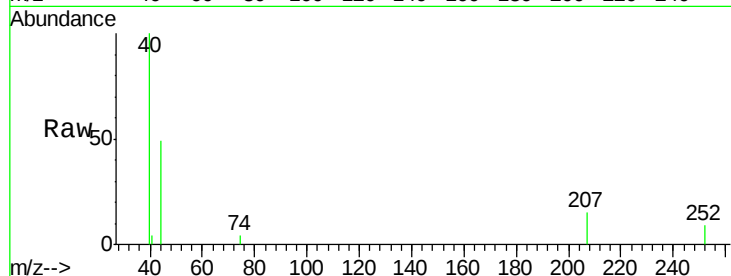
FK-PS-01-063

Tot Ion: 74 Resp: 56

Ion Ratio Lower Upper

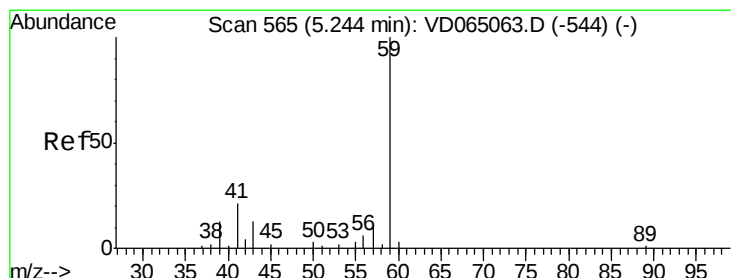
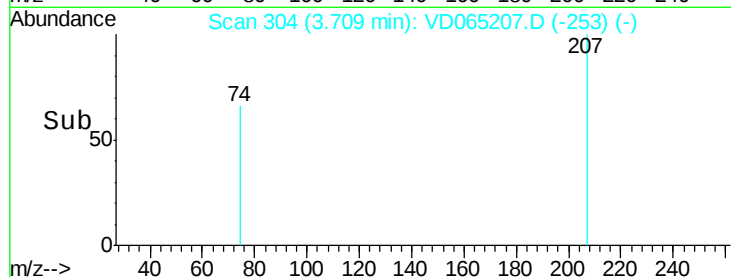
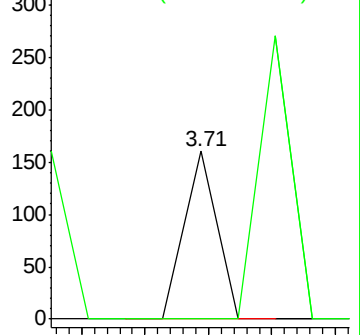
74 100

45 169.6 49.0 147.0#



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC



#11

Tert butyl alcohol

Concen: 328.040 ug/l

RT: 5.24 min Scan# 565

Delta R.T. 0.00 min

Lab File: VD065207.D

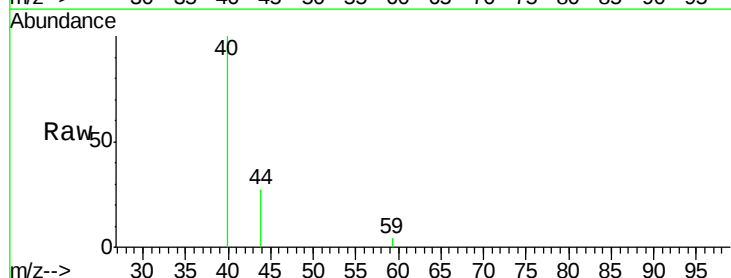
Acq: 17 Feb 2020 20:07

Tgt Ion: 59 Resp: 54

Ion Ratio Lower Upper

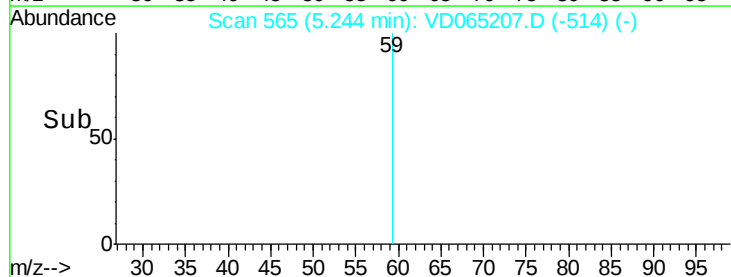
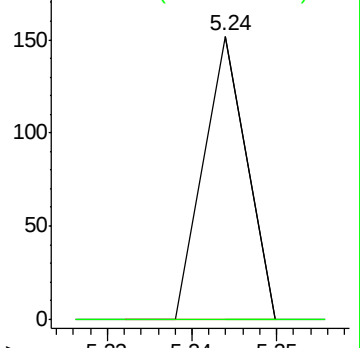
59 100

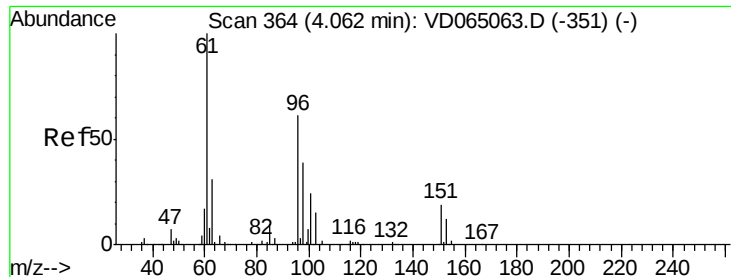
57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#12

1,1-Dichloroethene

Concen: 25.016 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.04 min

Lab File: VD065207.D

Acq: 17 Feb 2020 20:07

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-063

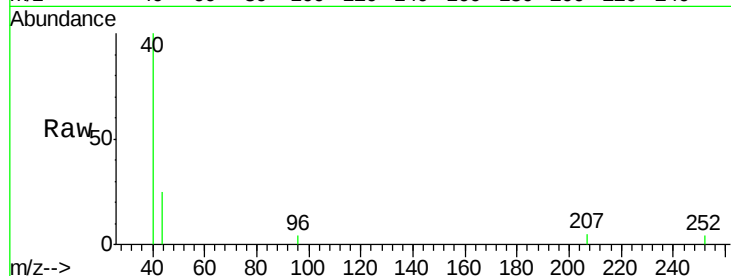
Tot Ion: 96 Resp: 70

Ion Ratio Lower Upper

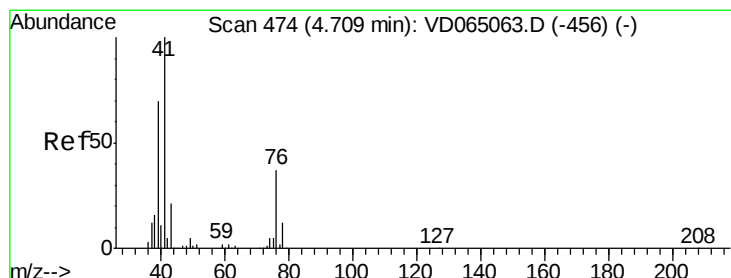
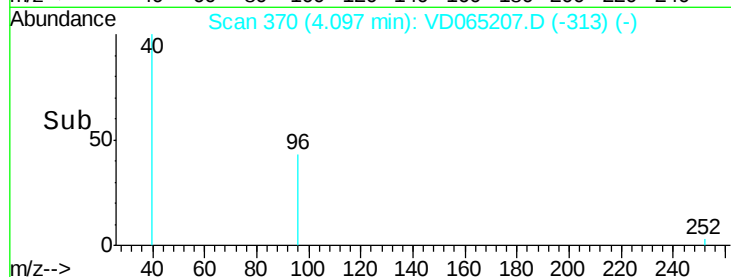
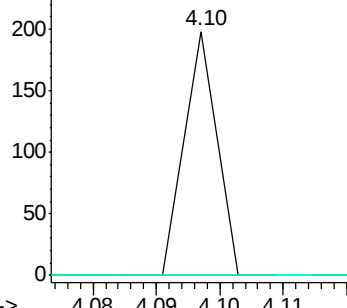
96 100

61 0.0 131.4 197.2#

98 0.0 51.1 76.7#



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



#14

Allyl chloride

Concen: 14.622 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD065207.D

Acq: 17 Feb 2020 20:07

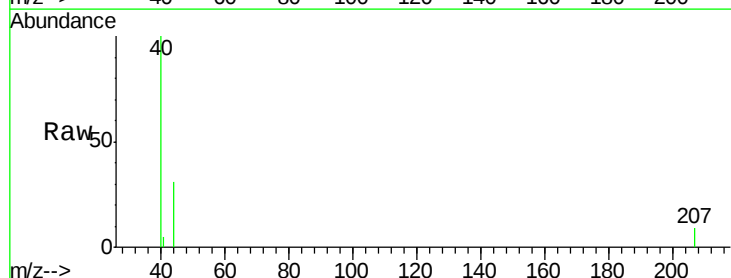
Tgt Ion: 41 Resp: 68

Ion Ratio Lower Upper

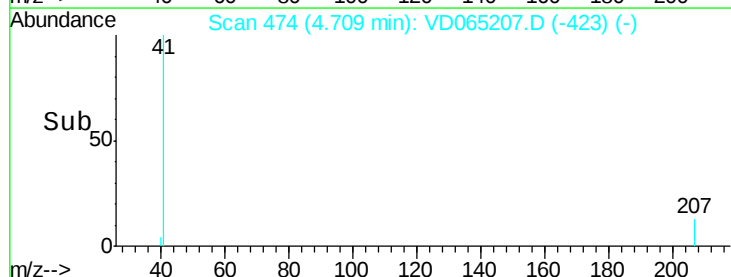
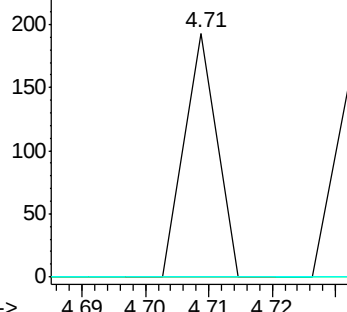
41 100

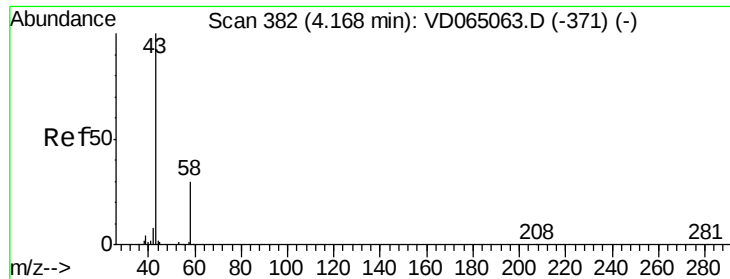
39 0.0 57.1 85.7#

76 0.0 28.0 42.0#



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 75.90 (75.60 to 76.60): VDC





#16

Acetone

Concen: 1009.495 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD065207.D

Acq: 17 Feb 2020 20:07

Instrument :

MSVOA_D

ClientSampleId :

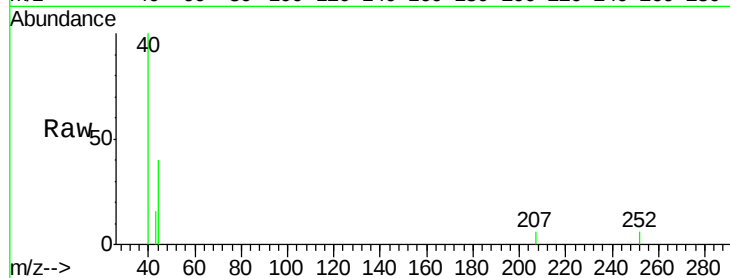
FK-PS-01-063

Tot Ion: 43 Resp: 680

Ion Ratio Lower Upper

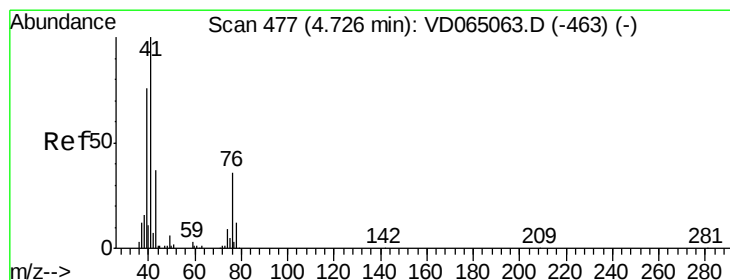
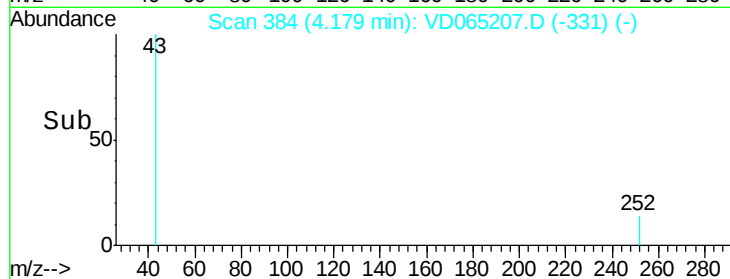
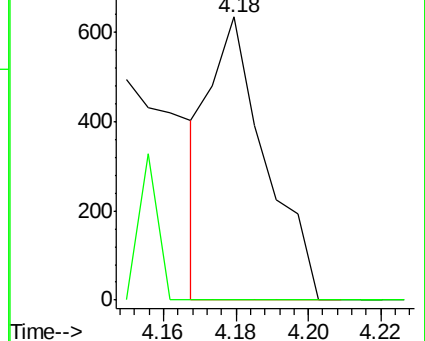
43 100

58 0.0 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#18

Methyl Acetate

Concen: 41.212 ug/l

RT: 4.74 min Scan# 480

Delta R.T. 0.02 min

Lab File: VD065207.D

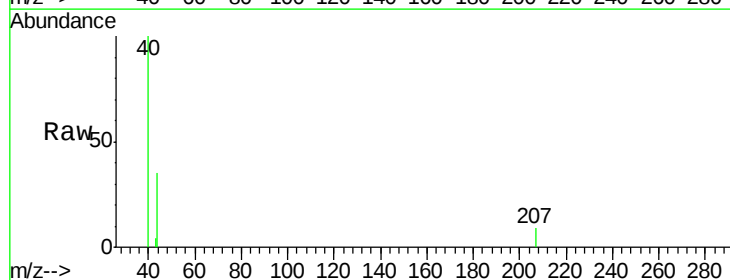
Acq: 17 Feb 2020 20:07

Tgt Ion: 43 Resp: 58

Ion Ratio Lower Upper

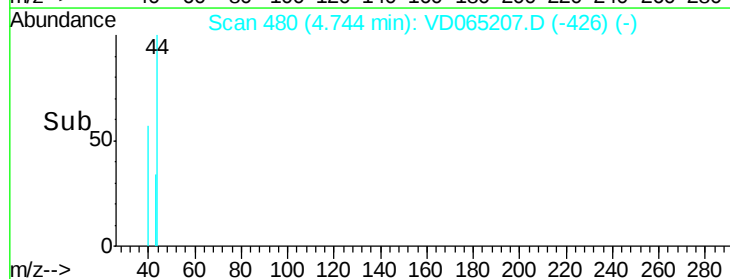
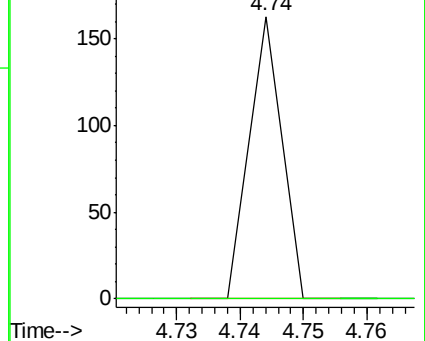
43 100

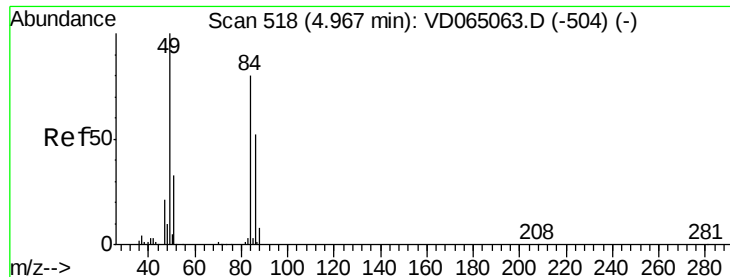
74 0.0 18.7 28.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





#20

Methylene Chloride

Concen: 329.514 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD065207.D

Acq: 17 Feb 2020 20:07

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-063

Tot Ion: 84 Resp: 912

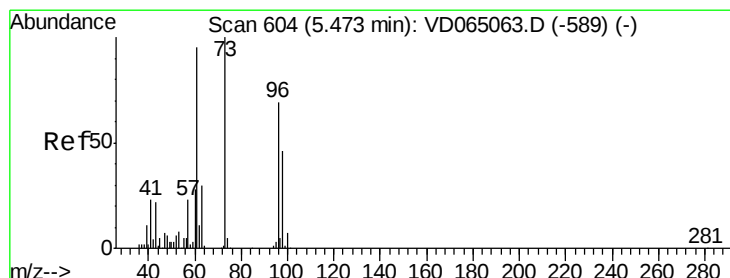
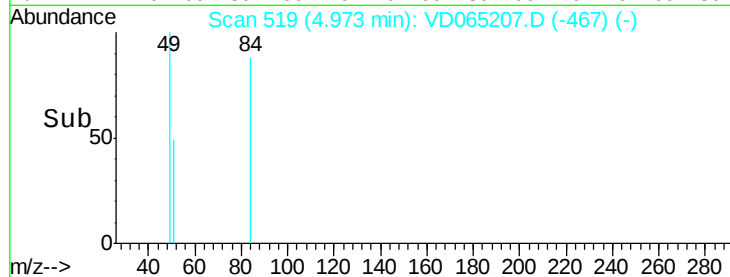
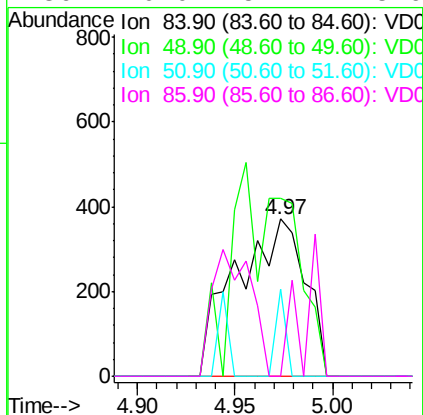
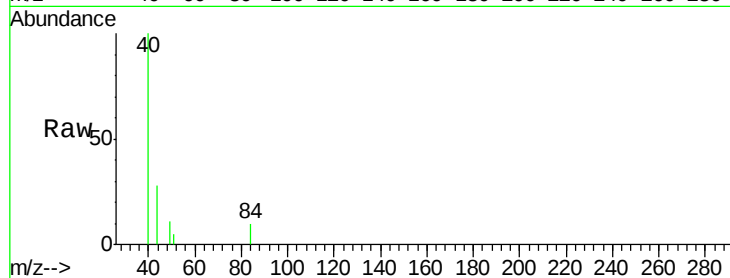
Ion Ratio Lower Upper

84 100

49 113.5 100.4 150.6

51 55.3 32.7 49.1#

86 0.0 52.4 78.6#



#21

trans-1,2-Dichloroethene

Concen: 19.584 ug/l

RT: 5.50 min Scan# 608

Delta R.T. 0.02 min

Lab File: VD065207.D

Acq: 17 Feb 2020 20:07

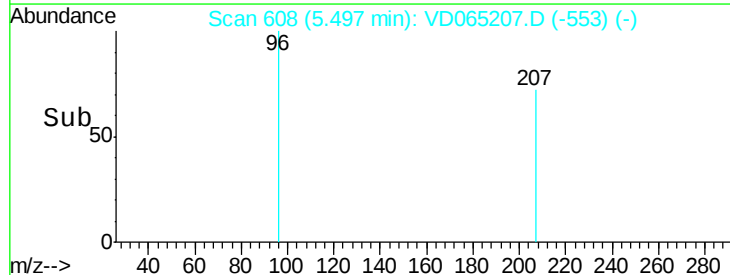
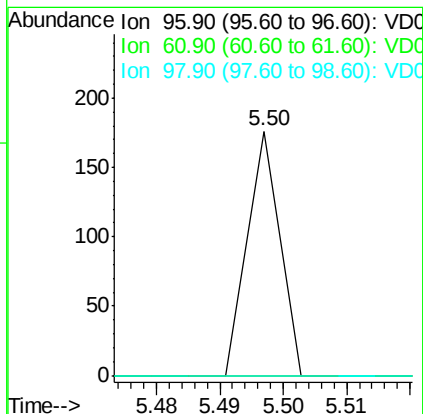
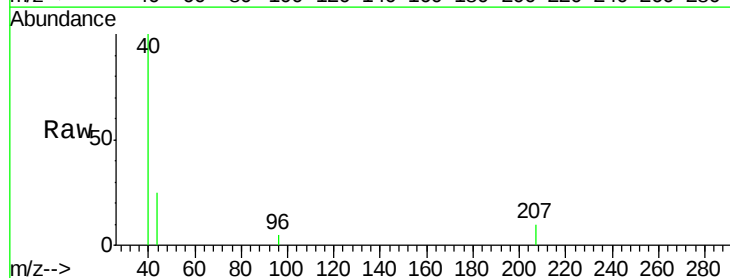
Tgt Ion: 96 Resp: 62

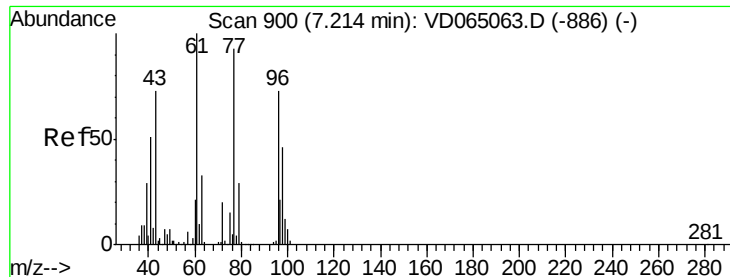
Ion Ratio Lower Upper

96 100

61 0.0 109.5 164.3#

98 0.0 53.7 80.5#



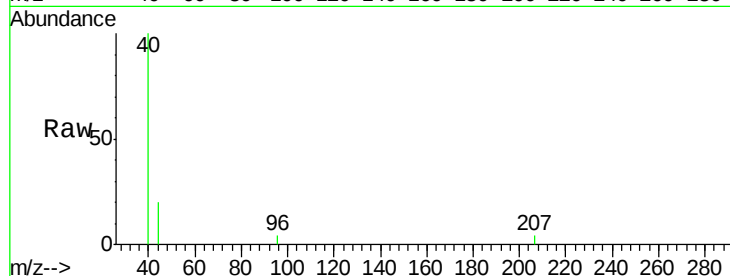


#27

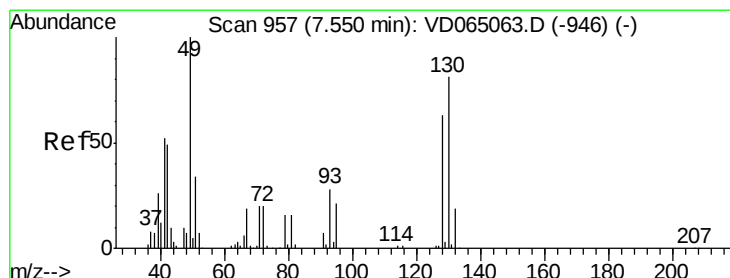
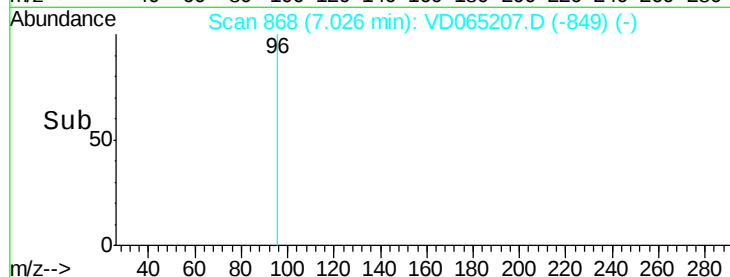
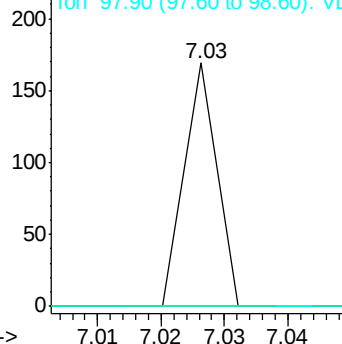
cis-1,2-Dichloroethene
Concen: 17.840 ug/l
RT: 7.03 min Scan# 868
Delta R.T. -0.19 min
Lab File: VD065207.D
Acq: 17 Feb 2020 20:07

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-063

Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	292.8
98	0.0	0.0	128.8



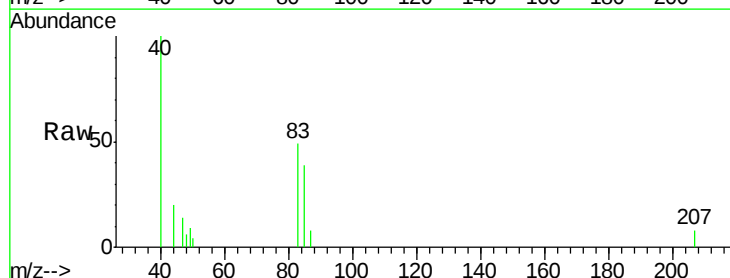
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



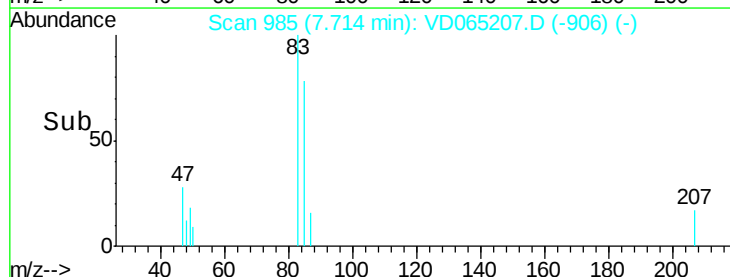
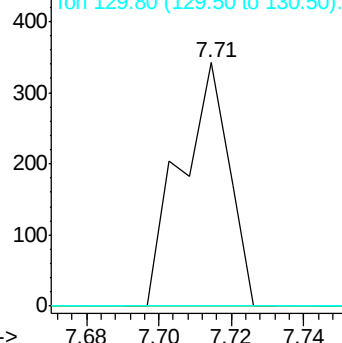
#28

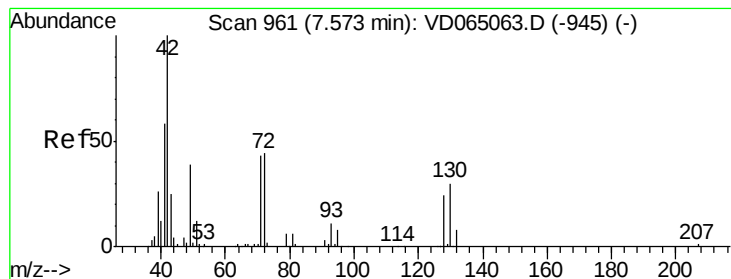
Bromochloromethane
Concen: 157.497 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.16 min
Lab File: VD065207.D
Acq: 17 Feb 2020 20:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	0.0	63.8	95.8#



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: 125.537 ug/l

RT: 7.41 min Scan# 933

Delta R.T. -0.16 min

Lab File: VD065207.D

Acq: 17 Feb 2020 20:07

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-063

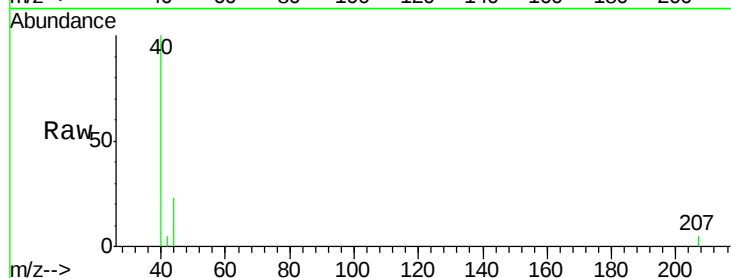
Tot Ion: 42 Resp: 61

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

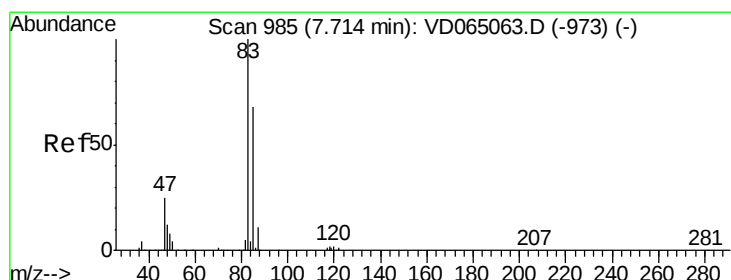
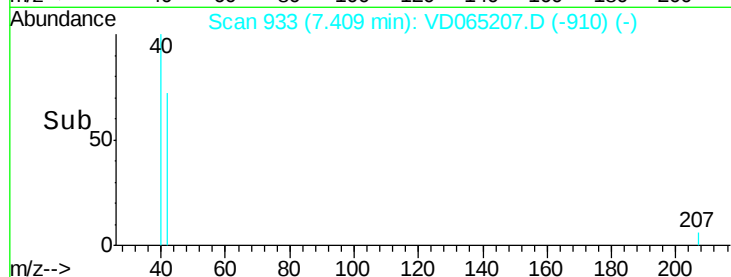
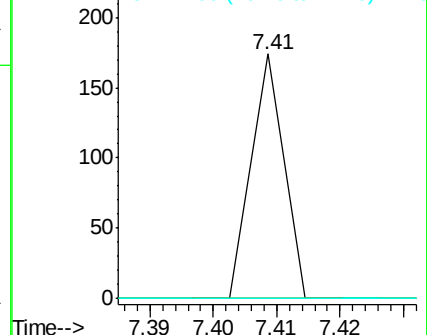
71 0.0 31.8 47.6#



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: 887.868 ug/l

RT: 7.73 min Scan# 987

Delta R.T. 0.01 min

Lab File: VD065207.D

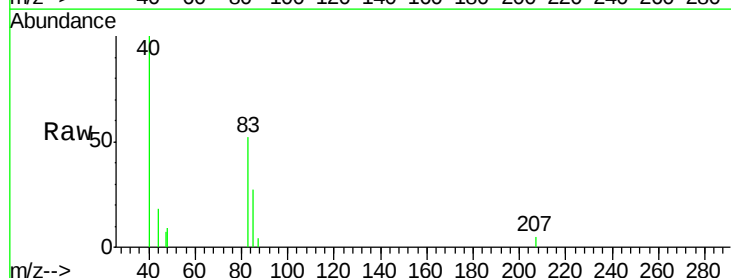
Acq: 17 Feb 2020 20:07

Tgt Ion: 83 Resp: 4694

Ion Ratio Lower Upper

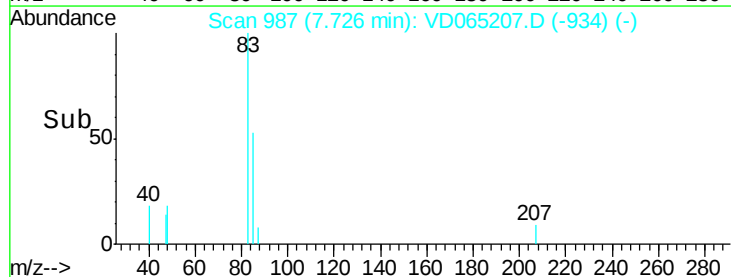
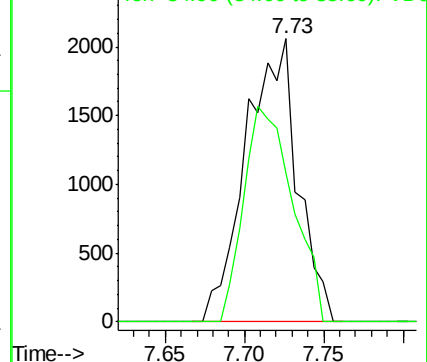
83 100

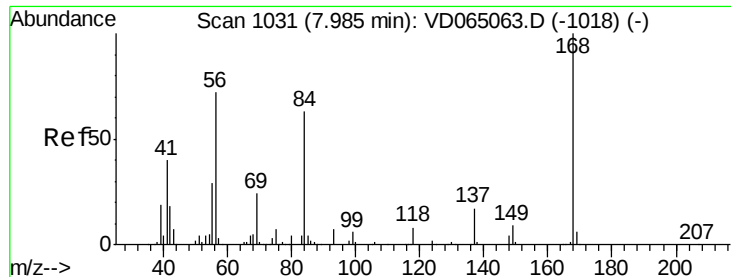
85 52.5 54.2 81.4#



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 20.337 ug/l

RT: 8.01 min Scan# 1035

Delta R.T. 0.02 min

Lab File: VD065207.D

Acq: 17 Feb 2020 20:07

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-063

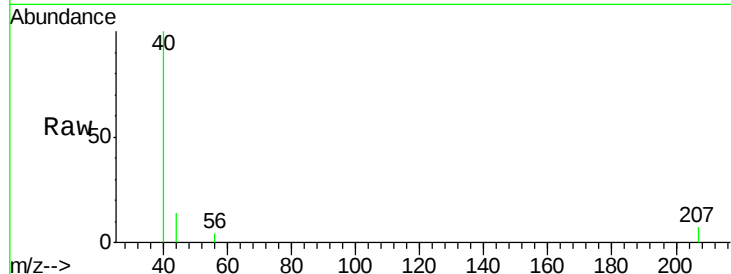
Tot Ion: 56 Resp: 109

Ion Ratio Lower Upper

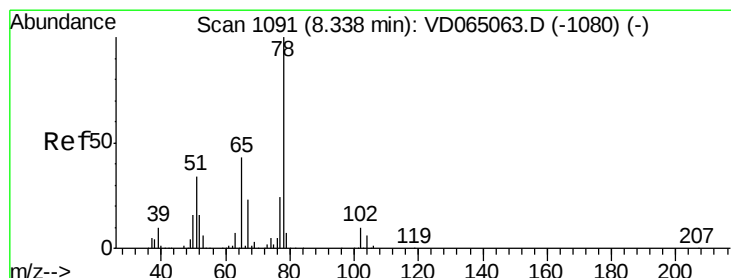
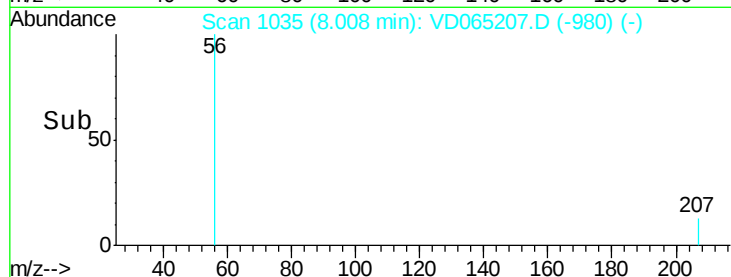
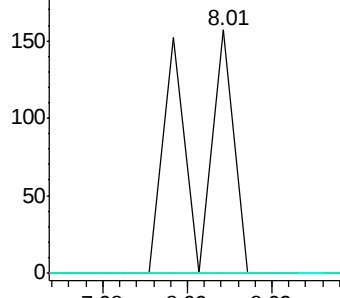
56 100

69 0.0 26.6 40.0#

84 0.0 70.6 106.0#



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 21.899 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065207.D

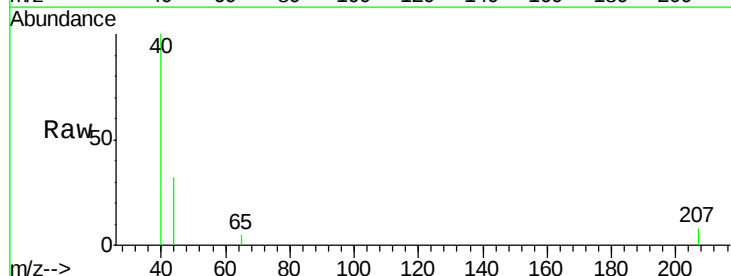
Acq: 17 Feb 2020 20:07

Tgt Ion: 65 Resp: 59

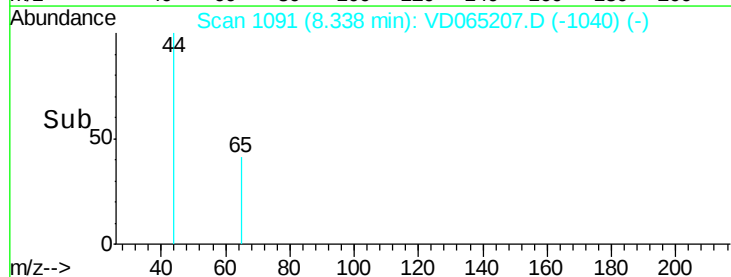
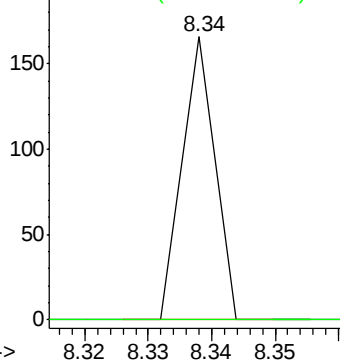
Ion Ratio Lower Upper

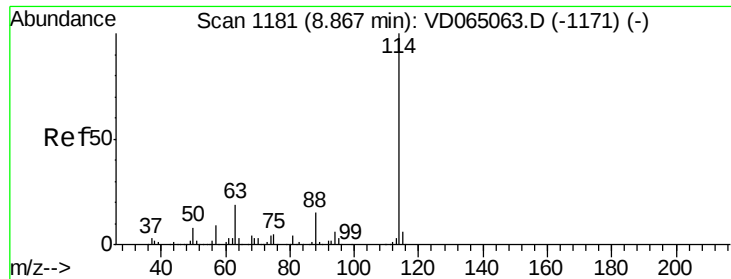
65 100

67 0.0 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

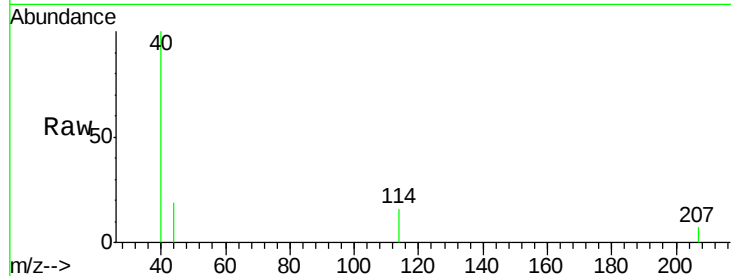




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065207.D
 Acq: 17 Feb 2020 20:07

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-063

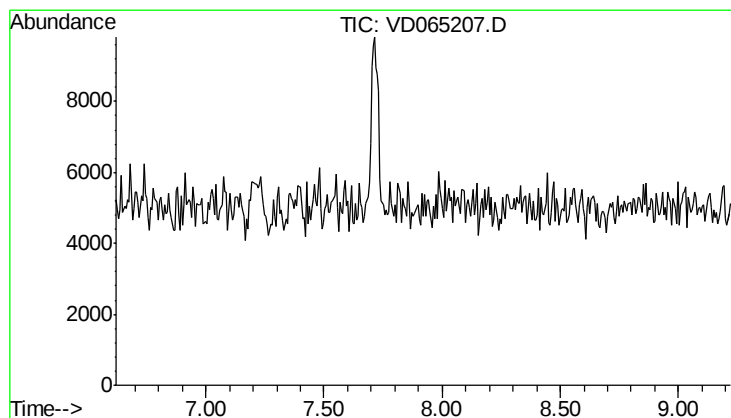
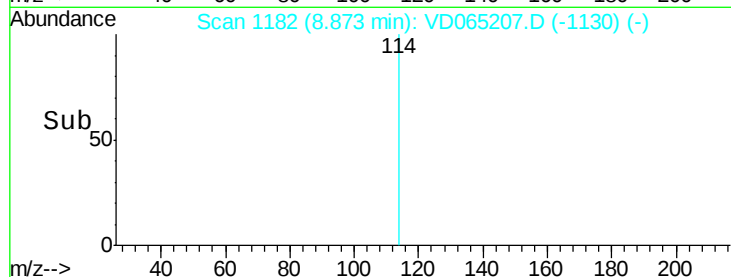
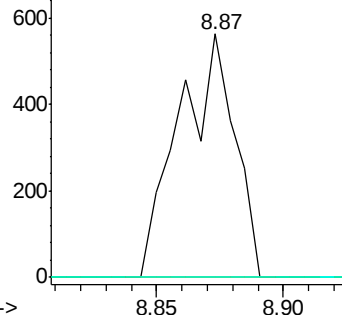
Tot Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	38.8
88	0.0	0.0	29.6



Abundance Ion 113.90 (113.60 to 114.60): V

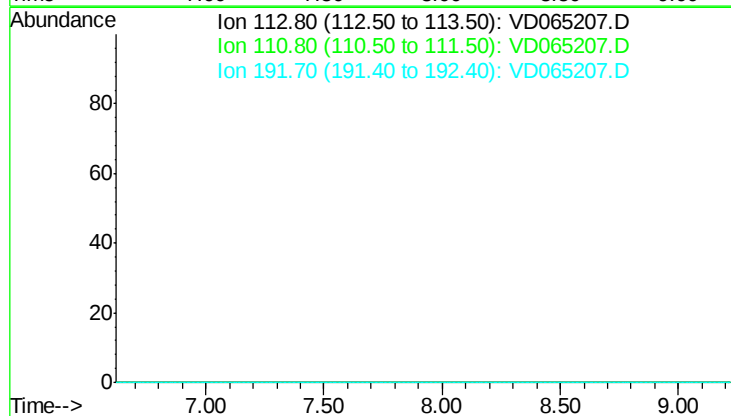
Ion 63.00 (62.70 to 63.70): V

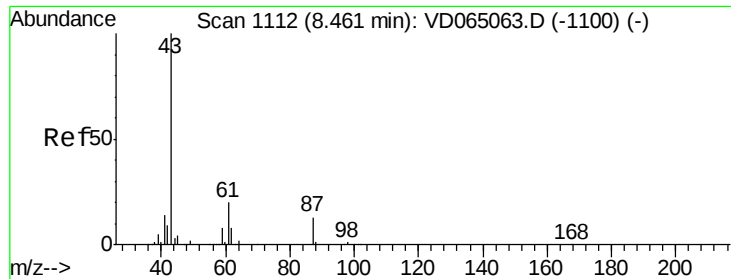
Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.92 min
 Lab File: VD065207.D
 Acq: 17 Feb 2020 20:07

Tgt Ion	Sig	Exp Ratio
113	100	
111	103.9	
192	22.6	



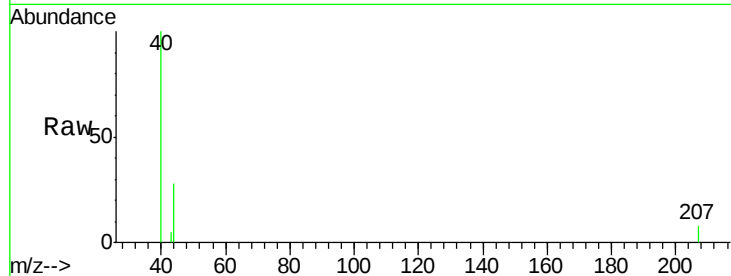


#43

Isopropyl Acetate
 Concen: 19.499 ug/l
 RT: 8.57 min Scan# 1130
 Delta R.T. 0.11 min
 Lab File: VD065207.D
 Acq: 17 Feb 2020 20:07

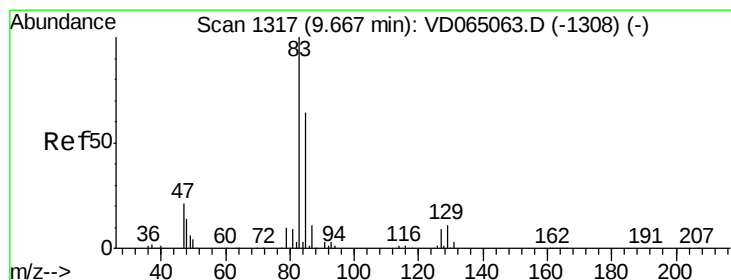
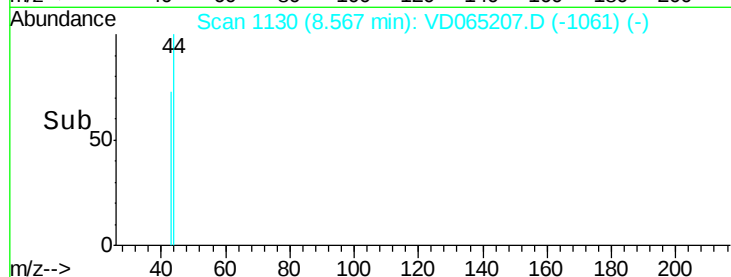
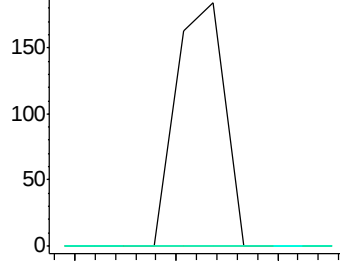
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-063

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.0	36.0#
87	0.0	10.2	15.4#



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

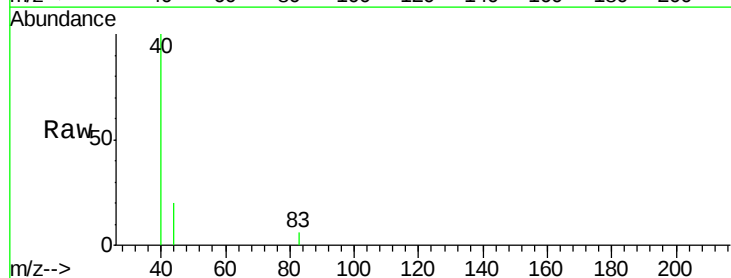
8.57



#47

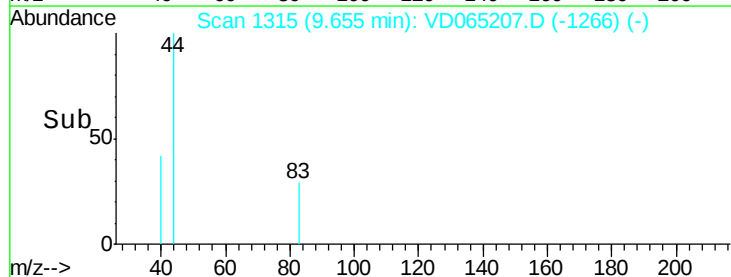
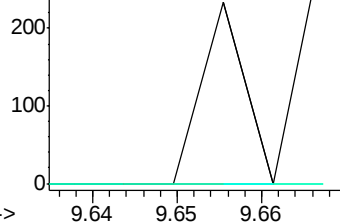
Bromodichloromethane
 Concen: 11.309 ug/l
 RT: 9.66 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VD065207.D
 Acq: 17 Feb 2020 20:07

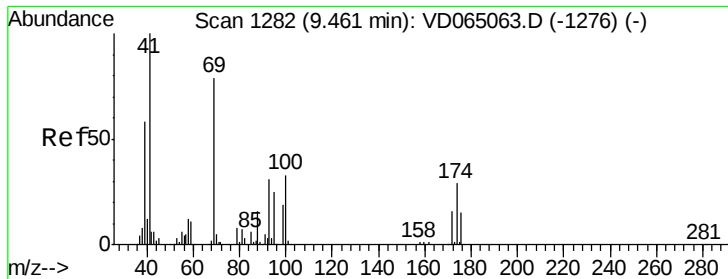
Tgt Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.0	76.6#
127	0.0	7.3	10.9#



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): V

9.66





#48

Methyl methacrylate

Concen: 18.268 ug/l

RT: 9.43 min Scan# 1276

Delta R.T. -0.04 min

Lab File: VD065207.D

Acq: 17 Feb 2020 20:07

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-063

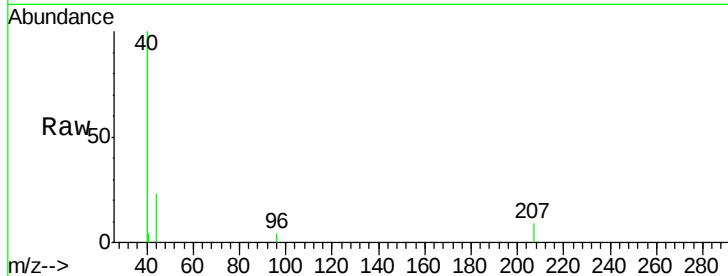
Tot Ion: 41 Resp: 55

Ion Ratio Lower Upper

41 100

69 0.0 67.5 101.3#

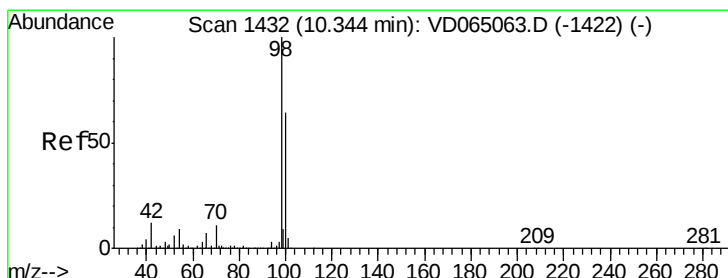
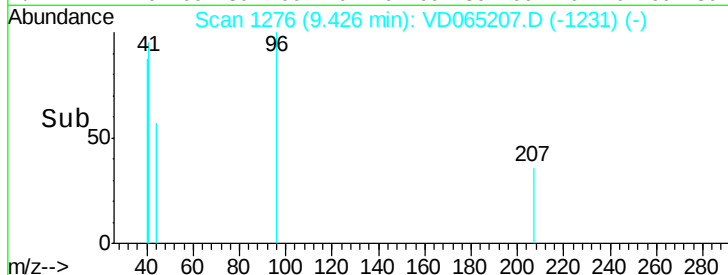
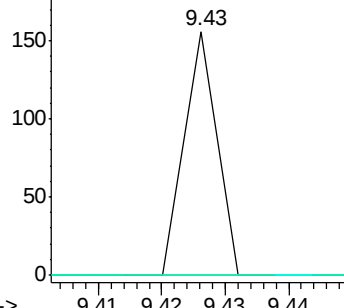
39 0.0 47.0 70.4#



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



#50

Toluene-d8

Concen: 46.233 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065207.D

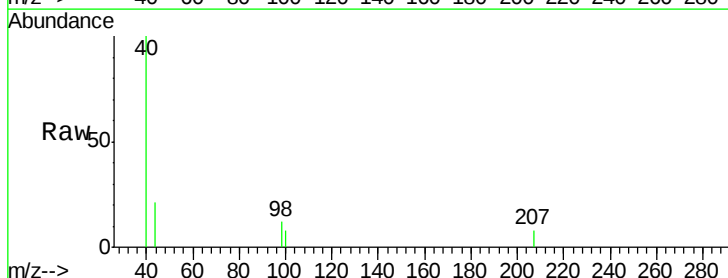
Acq: 17 Feb 2020 20:07

Tgt Ion: 98 Resp: 884

Ion Ratio Lower Upper

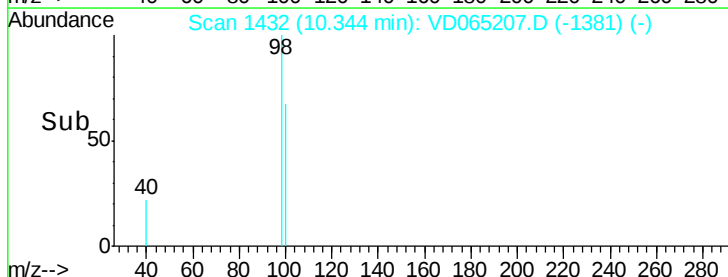
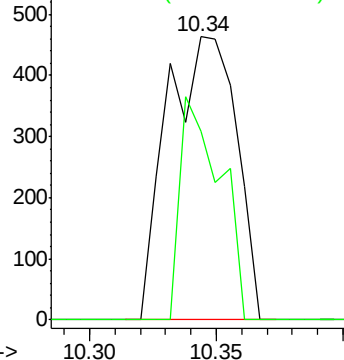
98 100

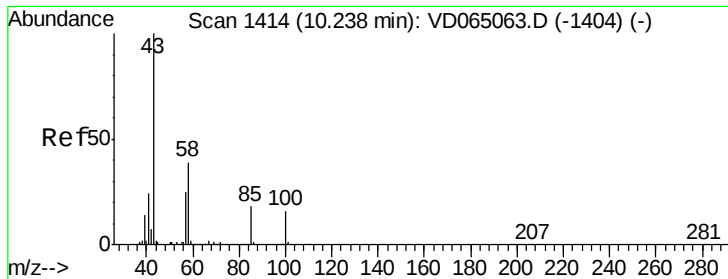
100 45.8 52.1 78.1#



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: 17.859 ug/l

RT: 9.98 min Scan# 1370

Delta R.T. -0.26 min

Lab File: VD065207.D

Acq: 17 Feb 2020 20:07

Instrument :

MSVOA_D

ClientSampleId :

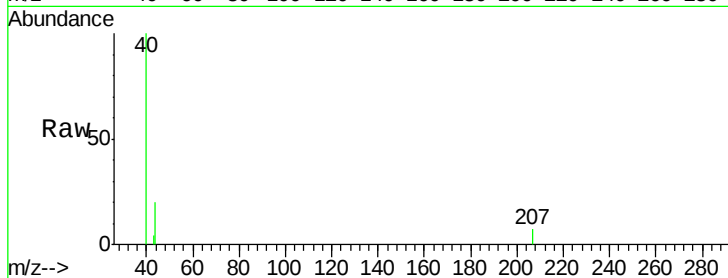
FK-PS-01-063

Tot Ion: 43 Resp: 55

Ion Ratio Lower Upper

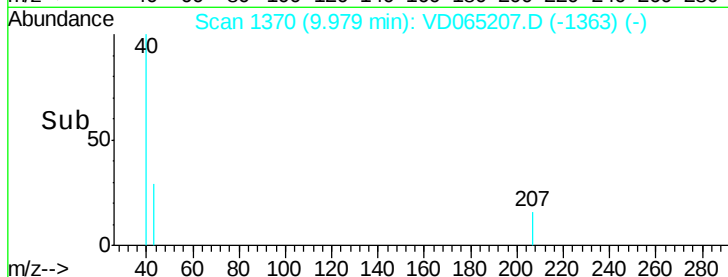
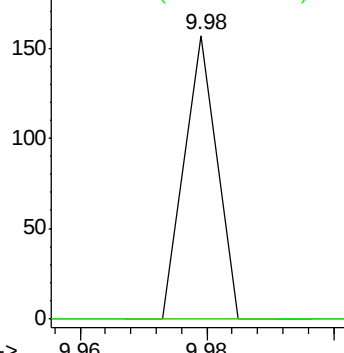
43 100

58 0.0 30.2 45.2#

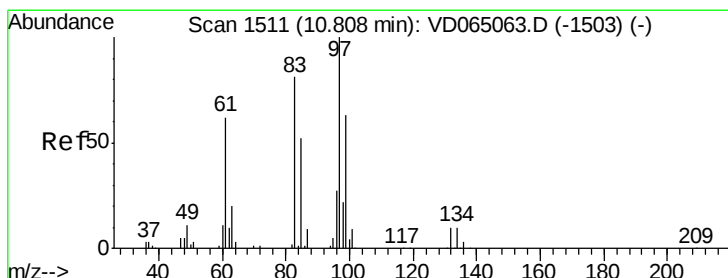


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



Time-->



#55

1,1,2-Trichloroethane

Concen: 36.644 ug/l

RT: 10.73 min Scan# 1497

Delta R.T. -0.08 min

Lab File: VD065207.D

Acq: 17 Feb 2020 20:07

Tgt Ion: 97 Resp: 140

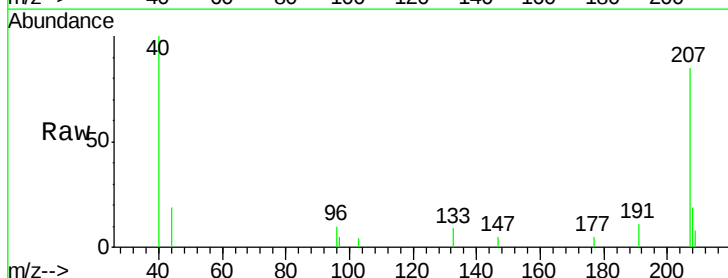
Ion Ratio Lower Upper

97 100

83 0.0 64.8 97.2#

85 0.0 41.2 61.8#

99 0.0 50.3 75.5#

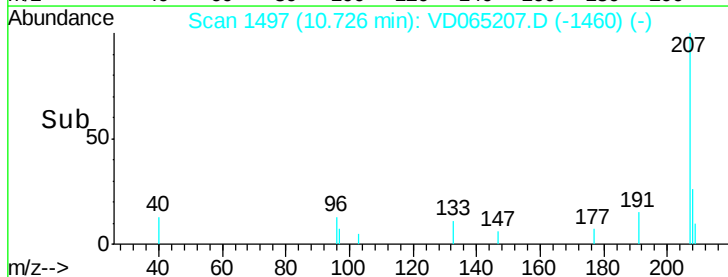
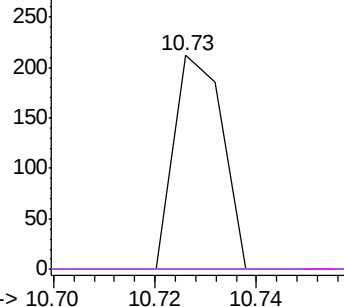


Abundance Ion 96.90 (96.60 to 97.60): VDC

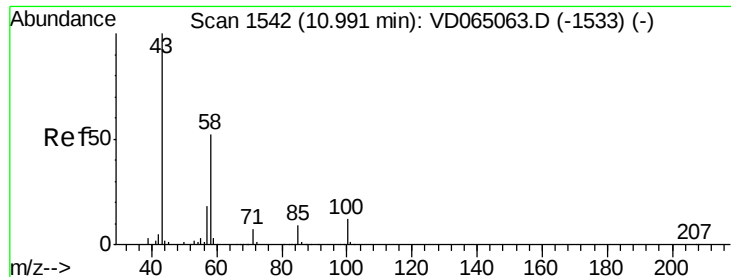
Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



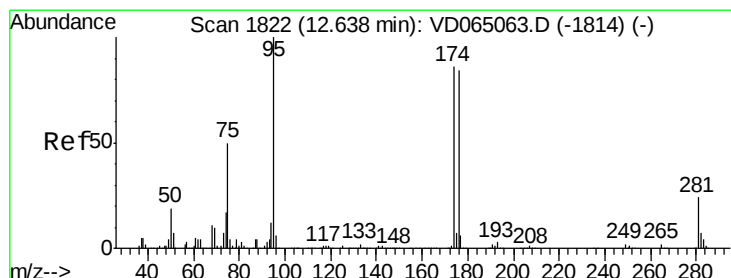
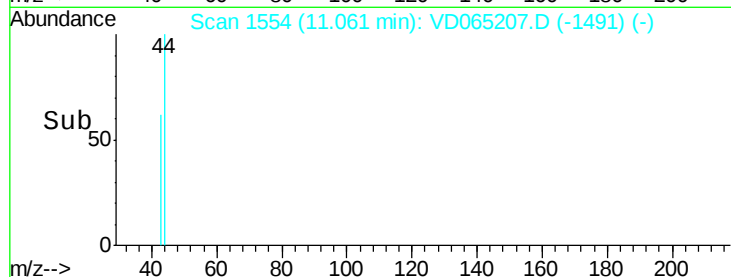
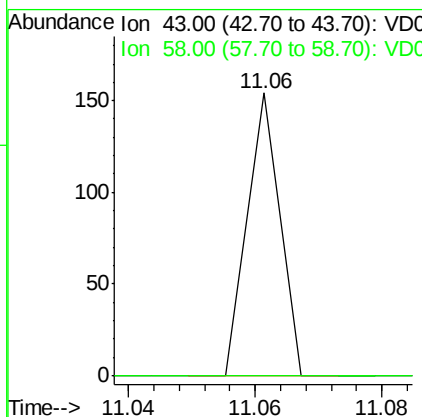
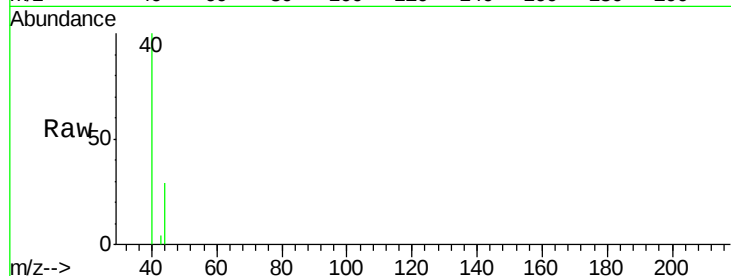
Time-->



#59
2-Hexanone
Concen: 24.755 ug/l
RT: 11.06 min Scan# 1554
Delta R.T. 0.07 min
Lab File: VD065207.D
Acq: 17 Feb 2020 20:07

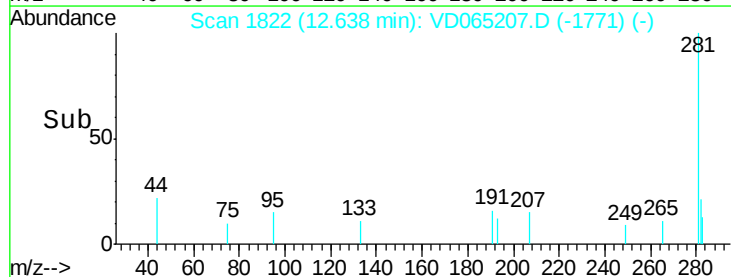
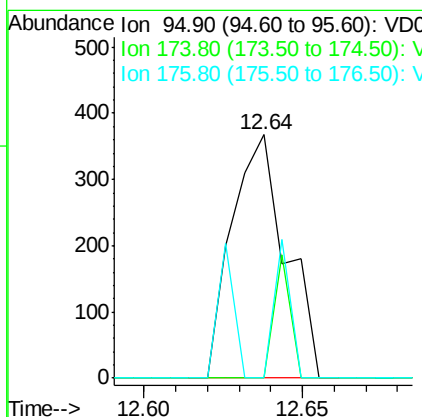
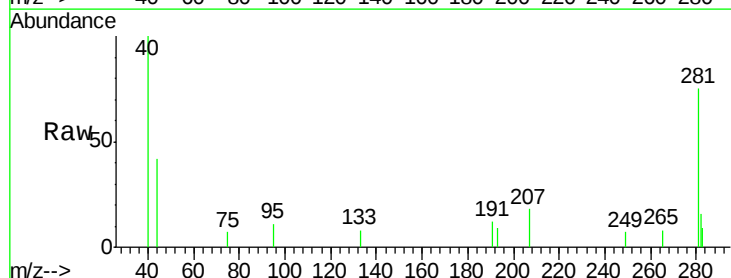
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-063

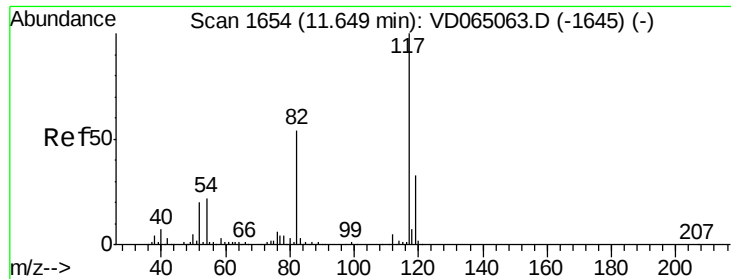
Tot Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.6#



#62
4-Bromofluorobenzene
Concen: 71.798 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065207.D
Acq: 17 Feb 2020 20:07

Tgt Ion: 95 Resp: 435
Ion Ratio Lower Upper
95 100
174 15.2 0.0 180.0
176 17.0 0.0 173.2

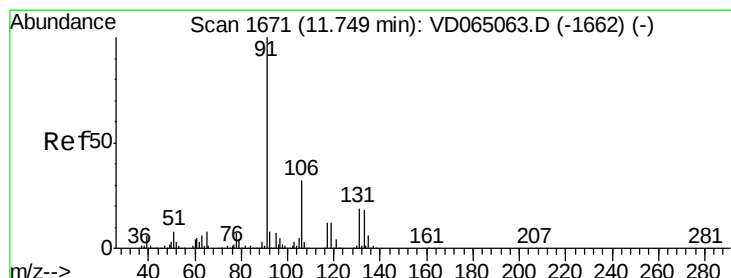
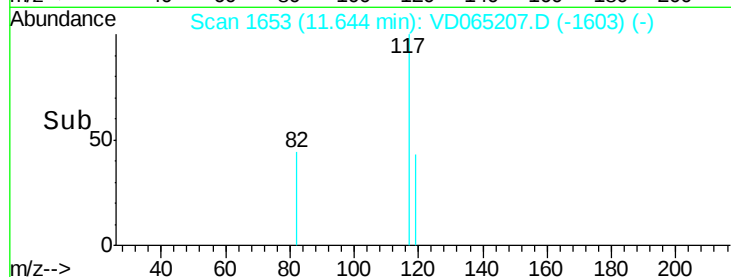
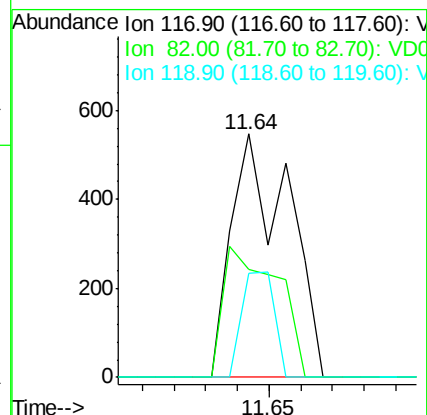
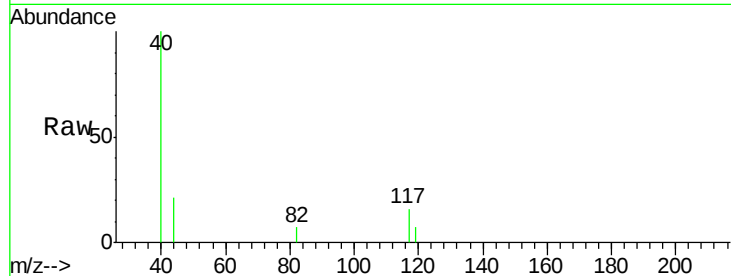




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD065207.D
Acq: 17 Feb 2020 20:07

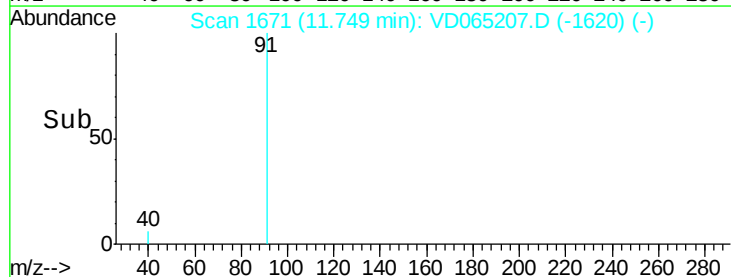
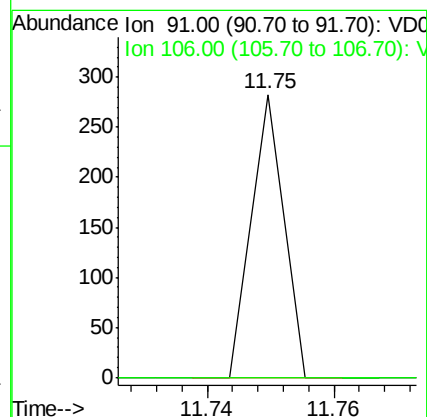
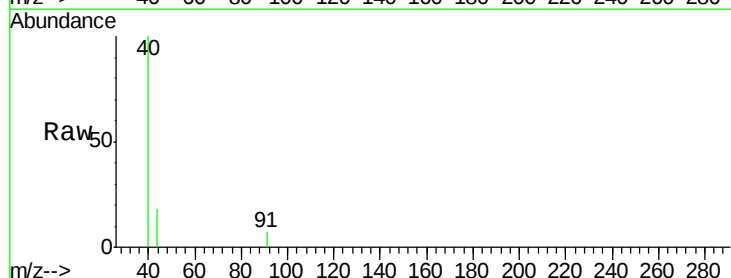
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-063

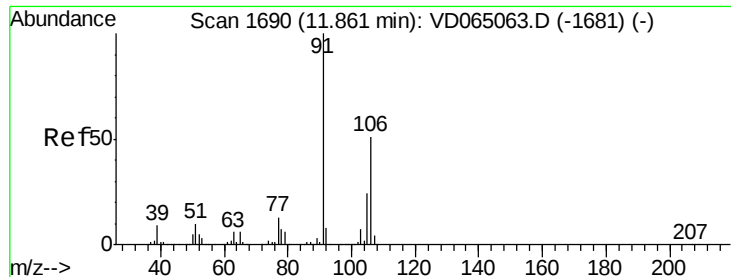
Tot Ion:117 Resp: 677
Ion Ratio Lower Upper
117 100
82 44.2 43.1 64.7
119 43.0 26.0 39.0#



#67
Ethyl Benzene
Concen: 4.204 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065207.D
Acq: 17 Feb 2020 20:07

Tgt Ion: 91 Resp: 100
Ion Ratio Lower Upper
91 100
106 0.0 25.4 38.2#

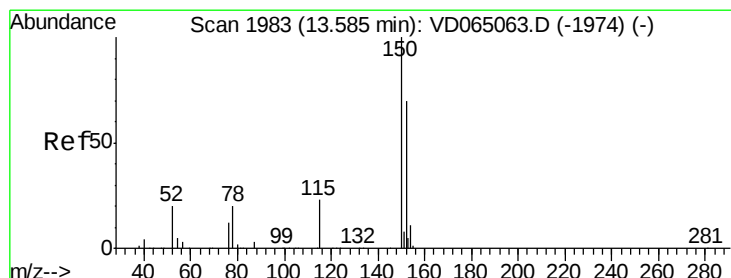
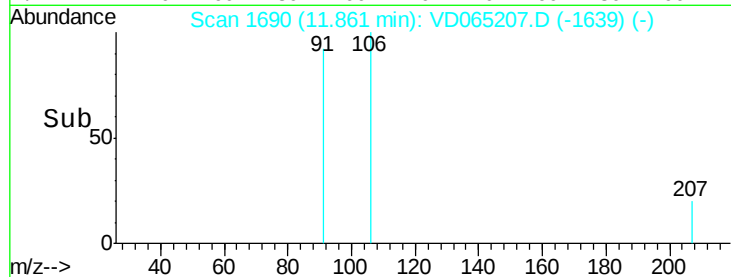
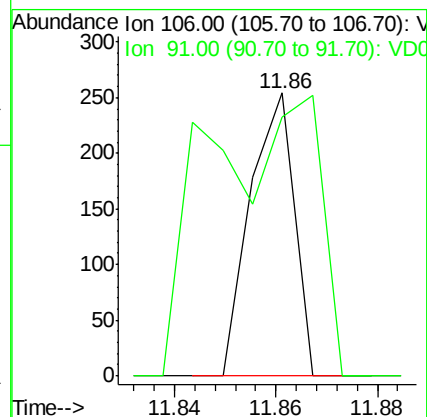
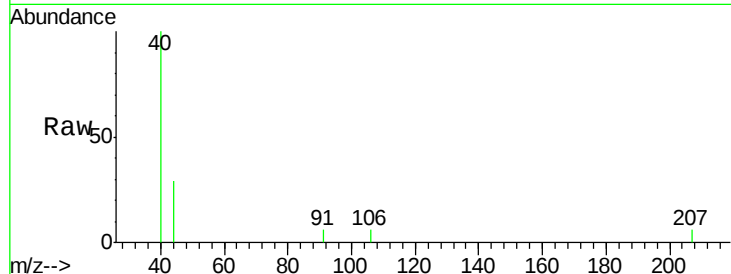




#68
m/p-Xvlenes
Concen: 16.850 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VD065207.D
Acq: 17 Feb 2020 20:07

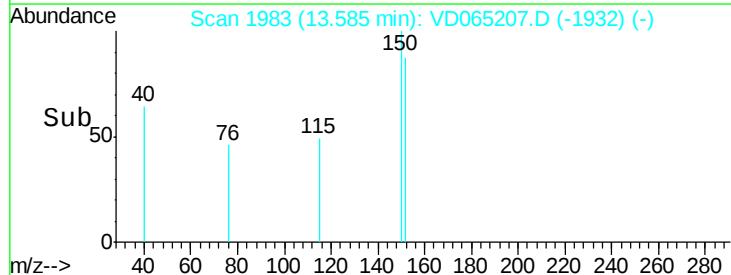
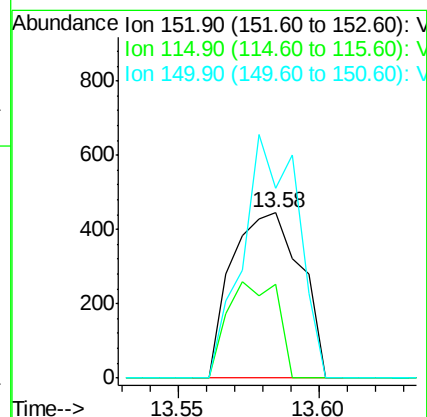
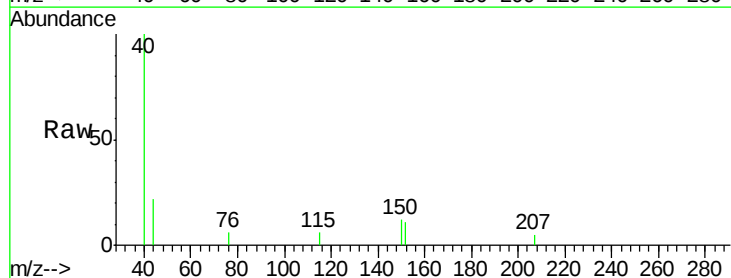
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-063

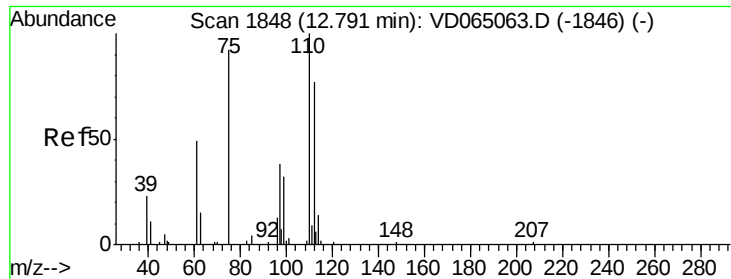
Tot Ion:106 Resp: 153
Ion Ratio Lower Upper
106 100
91 134.6 158.9 238.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065207.D
Acq: 17 Feb 2020 20:07

Tgt Ion:152 Resp: 754
Ion Ratio Lower Upper
152 100
115 42.4 27.5 82.4
150 116.7 0.0 343.2





#76

1,2,3-Trichloropropane

Concen: 27.853 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065207.D

Acq: 17 Feb 2020 20:07

Instrument :

MSVOA_D

ClientSampleId :

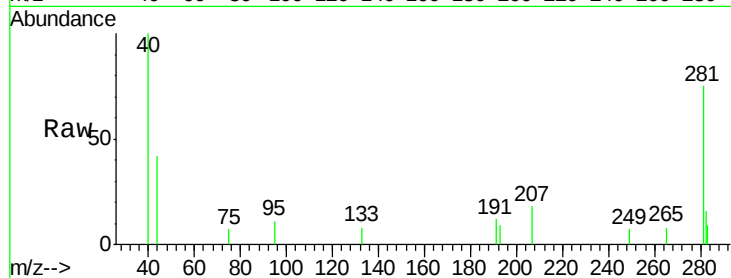
FK-PS-01-063

Tot Ion: 75 Resp: 159

Ion Ratio Lower Upper

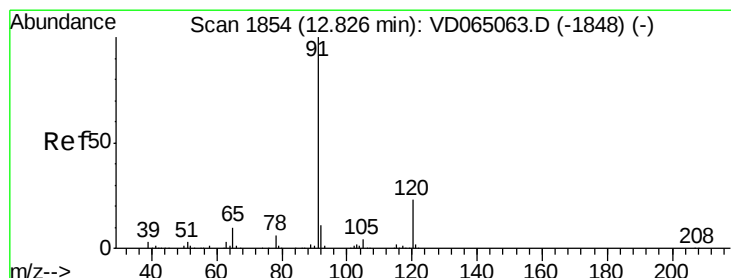
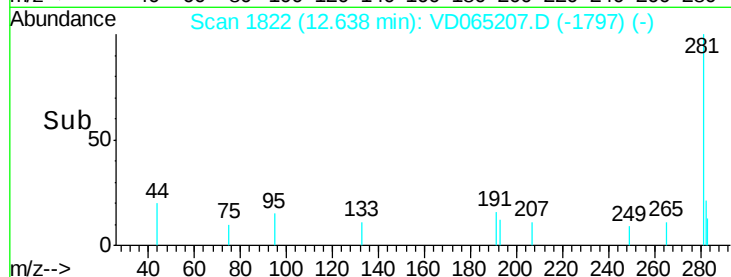
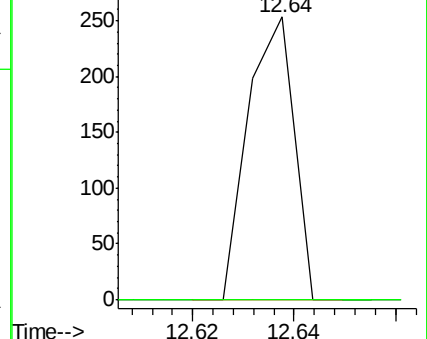
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#78

n-propylbenzene

Concen: 3.168 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065207.D

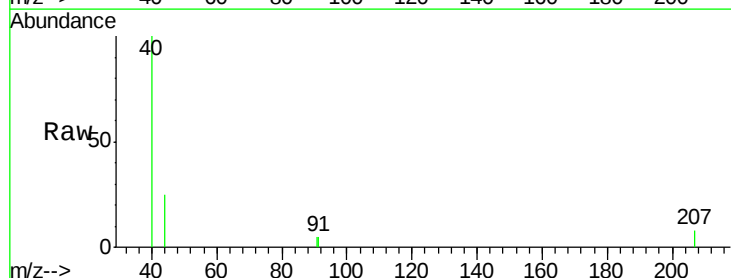
Acq: 17 Feb 2020 20:07

Tgt Ion: 91 Resp: 192

Ion Ratio Lower Upper

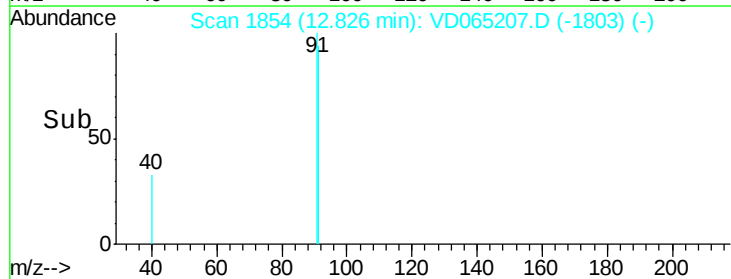
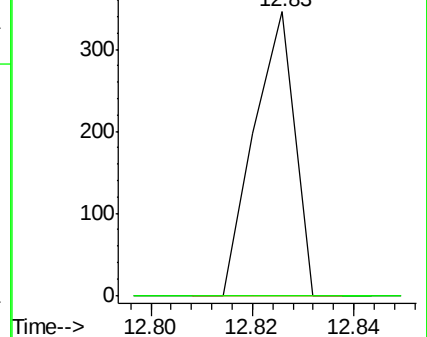
91 100

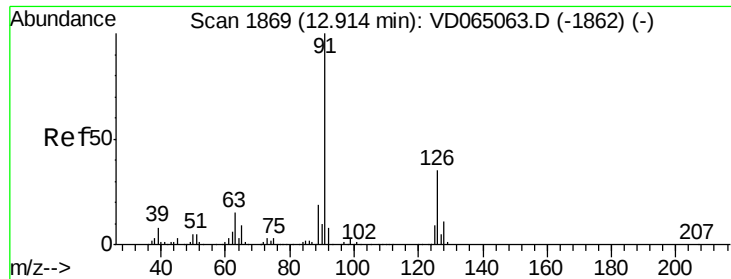
120 0.0 11.8 35.3#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): VDC

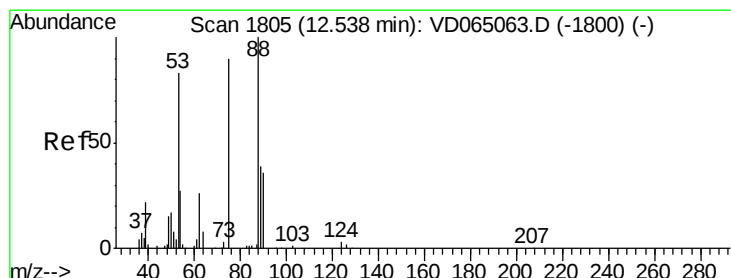
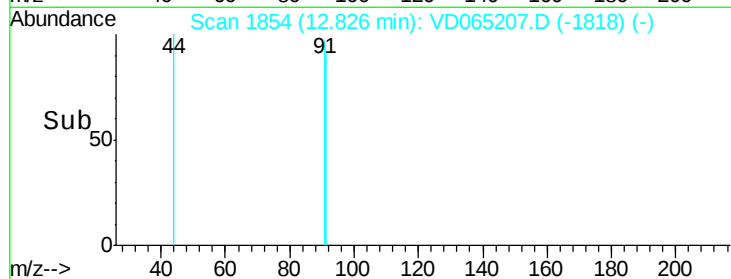
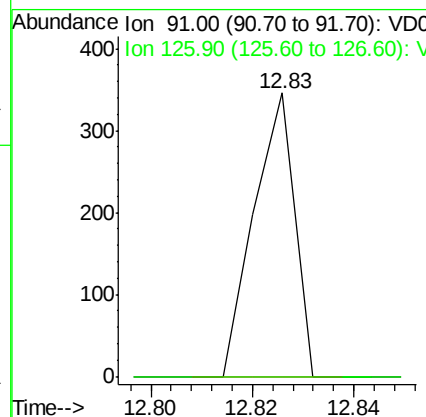
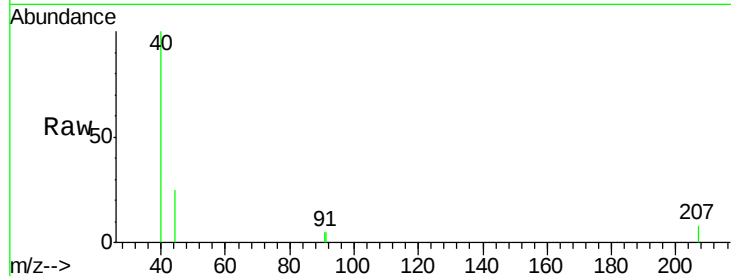




#79
2-Chlorotoluene
Concen: 5.683 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. -0.09 min
Lab File: VD065207.D
Acq: 17 Feb 2020 20:07

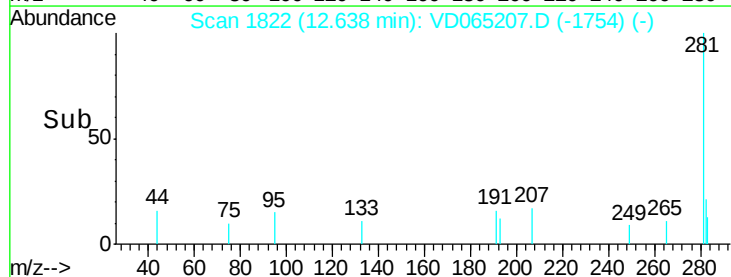
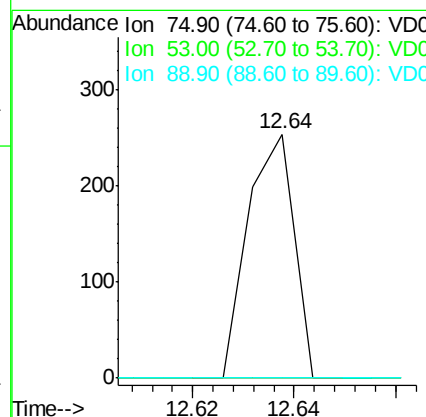
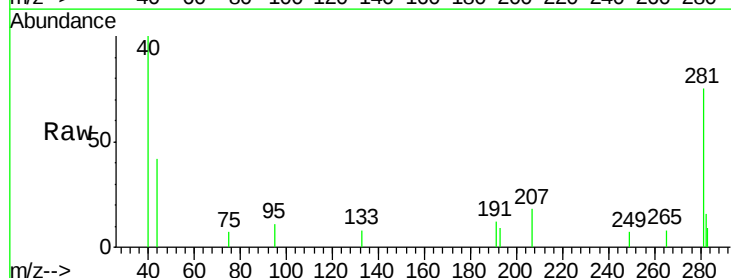
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-063

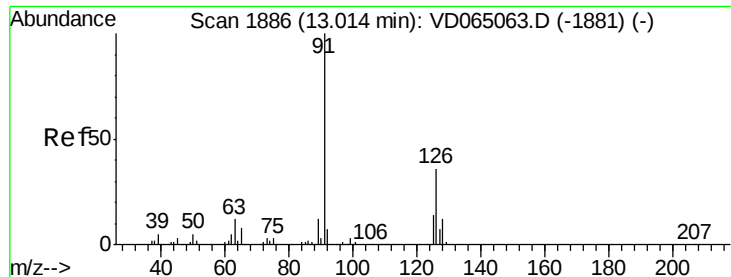
Tot Ion: 91 Resp: 192
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.703 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.10 min
Lab File: VD065207.D
Acq: 17 Feb 2020 20:07

Tgt Ion: 75 Resp: 159
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.0 55.4#





#82

4-Chlorotoluene

Concen: 5.412 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.19 min

Lab File: VD065207.D

Acq: 17 Feb 2020 20:07

Instrument :

MSVOA_D

ClientSampleId :

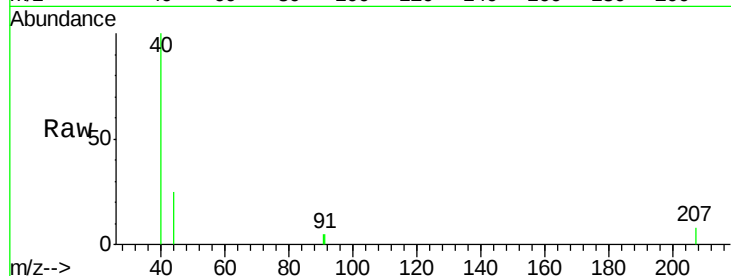
FK-PS-01-063

Tot Ion: 91 Resp: 192

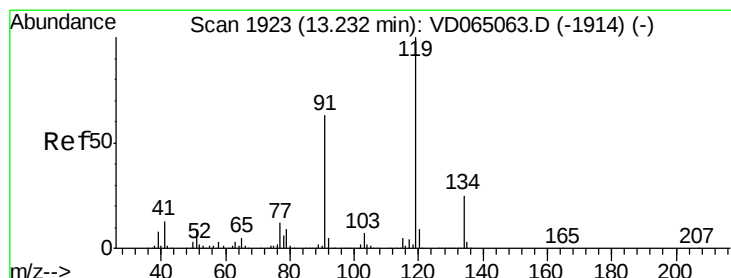
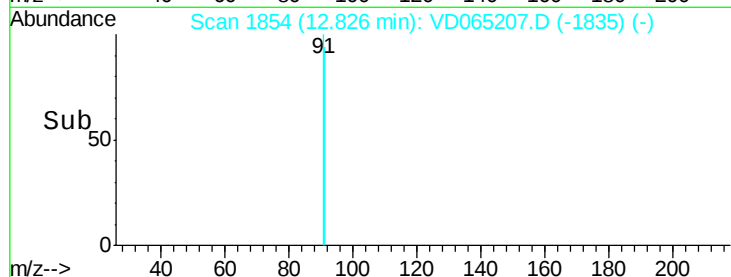
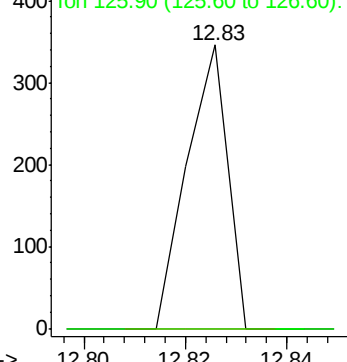
Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.5#



Abundance Ion 91.00 (90.70 to 91.70): VD065207.D (-1835) (-)



#83

tert-Butylbenzene

Concen: 1.506 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. 0.04 min

Lab File: VD065207.D

Acq: 17 Feb 2020 20:07

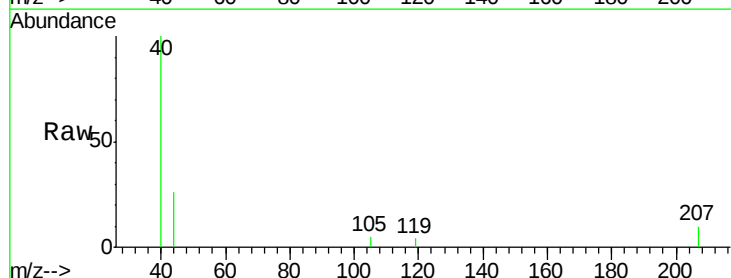
Tgt Ion: 119 Resp: 55

Ion Ratio Lower Upper

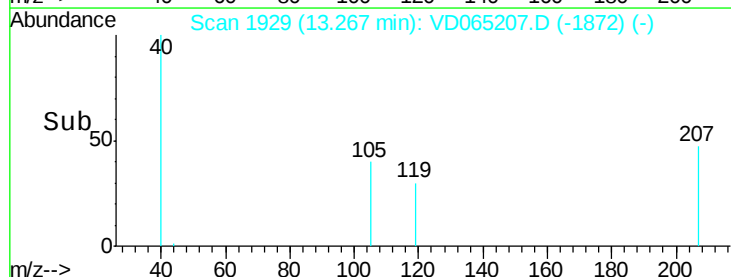
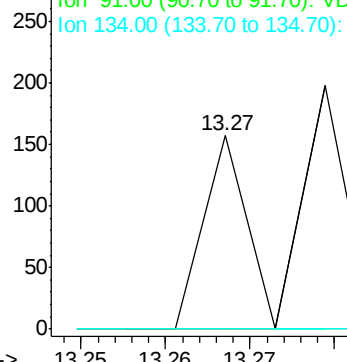
119 100

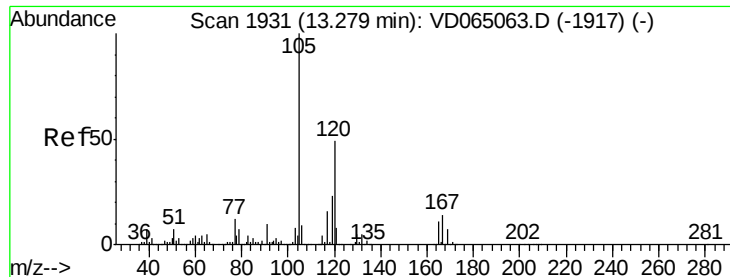
91 0.0 32.3 96.9#

134 0.0 13.8 41.3#



Abundance Ion 119.00 (118.70 to 119.70): VD065207.D (-1872) (-)

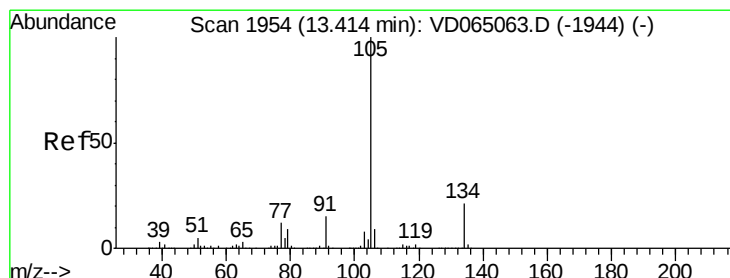
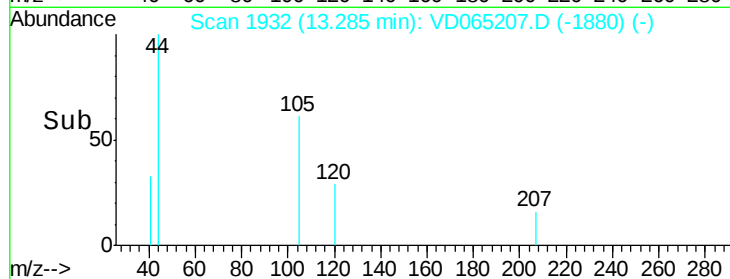
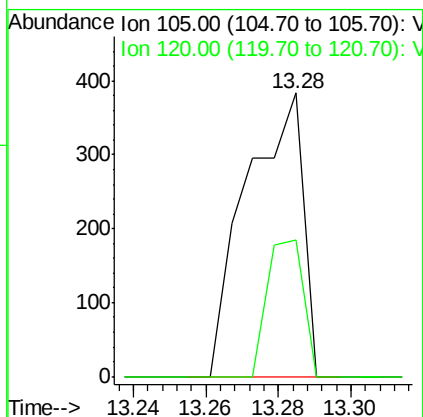
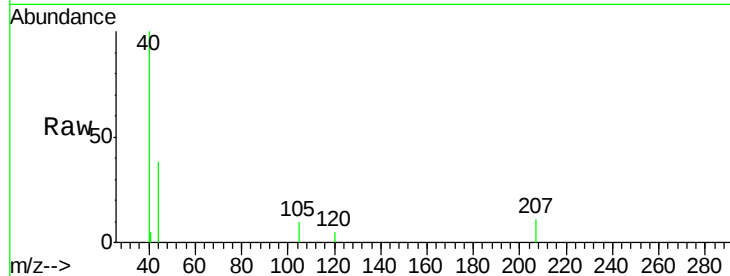




#84
 1,2,4-Trimethylbenzene
 Concen: 9.897 ug/l
 RT: 13.28 min Scan# 1932
 Delta R.T. 0.01 min
 Lab File: VD065207.D
 Acq: 17 Feb 2020 20:07

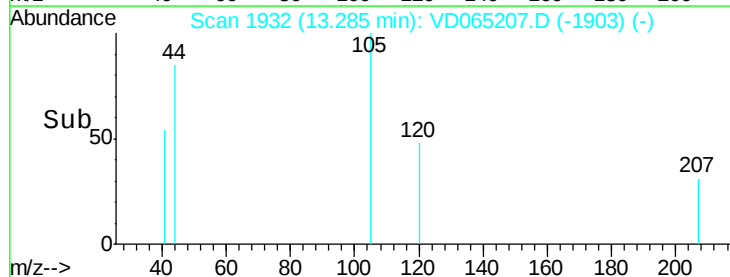
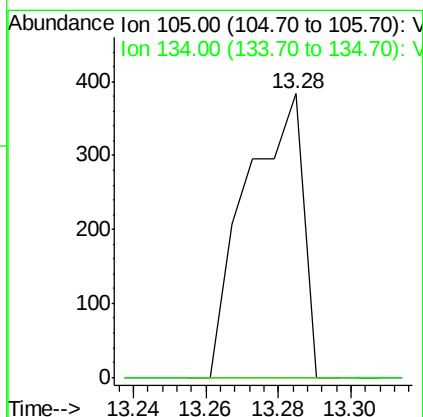
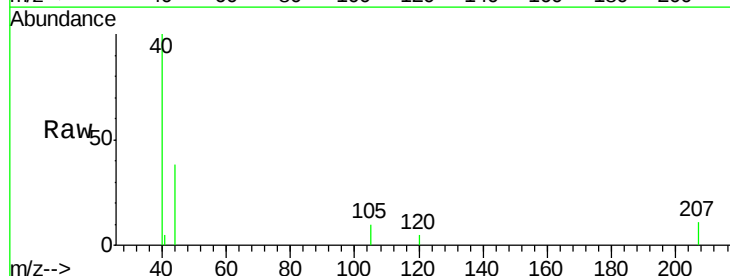
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-063

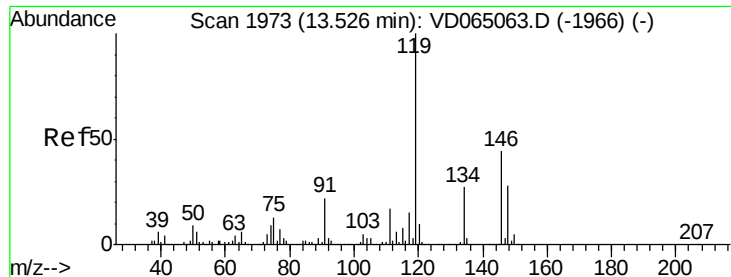
Tot Ion:105 Resp: 416
 Ion Ratio Lower Upper
 105 100
 120 30.5 23.5 70.5



#85
 sec-Butylbenzene
 Concen: 8.339 ug/l
 RT: 13.28 min Scan# 1932
 Delta R.T. -0.13 min
 Lab File: VD065207.D
 Acq: 17 Feb 2020 20:07

Tgt Ion:105 Resp: 416
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#

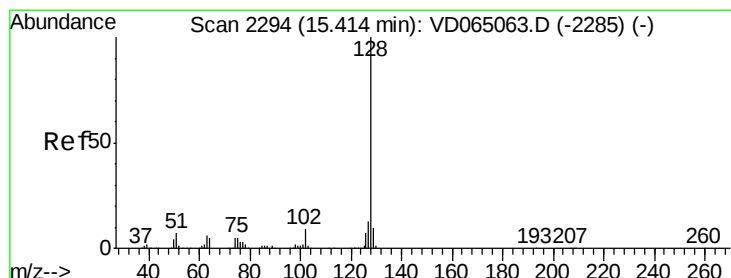
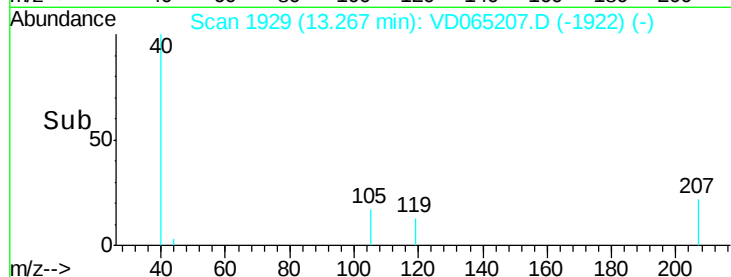
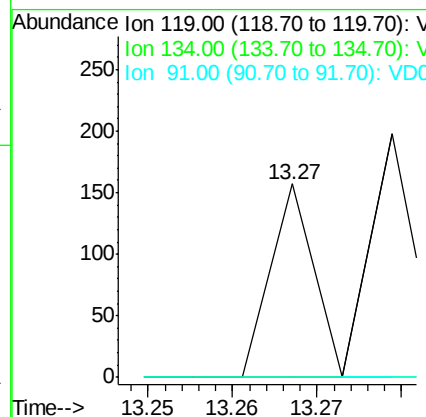
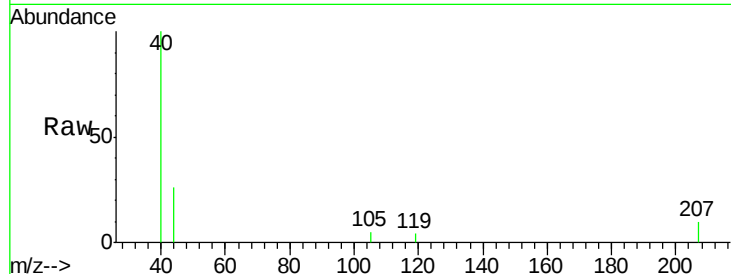




#86
p-Isopropyltoluene
Concen: 1.187 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.26 min
Lab File: VD065207.D
Acq: 17 Feb 2020 20:07

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-063

Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.5	40.5#
91	0.0	11.3	33.9#



#95
Naphthalene
Concen: 49.928 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD065207.D
Acq: 17 Feb 2020 20:07

Tgt Ion	Ratio	Lower	Upper
128	100		
127	10.6	10.6	15.8
129	16.9	8.7	13.1#

