

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091619\
 Data File : VW013044.D
 Acq On : 16 Sep 2019 16:24
 Operator : SY/VA
 Sample : K4745-02RE
 Misc : 6.76G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-PS-01-058

Quant Time: Sep 17 07:21:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	269899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	403349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	141514	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	146576	58.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.60%	
35) Dibromofluoromethane	7.88	113	117119	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
50) Toluene-d8	10.32	98	474479	55.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.80%	
62) 4-Bromofluorobenzene	12.62	95	149449	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	

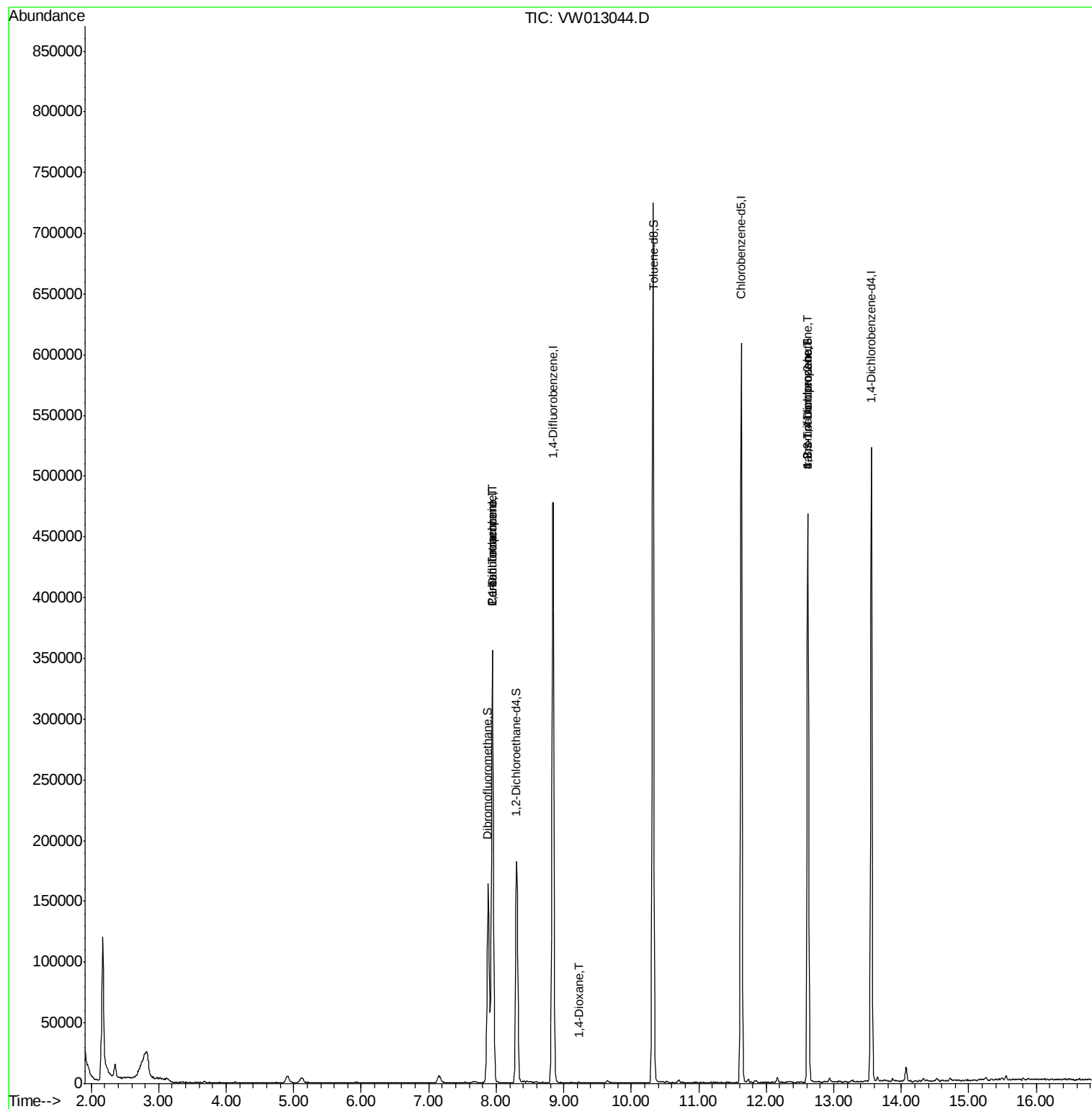
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	22	Below Cal	#	44
3) Chloromethane	2.17	50	1494	Below Cal	#	41
11) Tert butyl alcohol	5.10	59	1786	Below Cal	#	72
13) Acrolein	3.90	56	38	Below Cal	#	15
16) Acetone	4.15	43	1387	Below Cal	#	47
20) Methylene Chloride	4.91	84	4438	Below Cal	#	80
26) 2,2-Dichloropropane	7.17	77	274	Below Cal	#	55
31) Cyclohexane	7.95	56	5118	Below Cal	#	1
36) 1,1-Dichloropropene	7.95	75	20046	6.219	ug/l #	51
38) Carbon Tetrachloride	7.95	117	24935	7.549	ug/l #	15
49) 1,4-Dioxane	9.23	88	20	1.042	ug/l #	20
76) 1,2,3-Trichloropropane	12.62	75	76187	61.463	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	76187	139.429	ug/l #	7

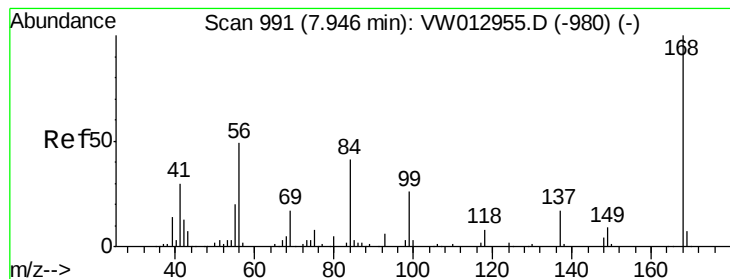
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091619\
Data File : VW013044.D
Acq On : 16 Sep 2019 16:24
Operator : SY/VA
Sample : K4745-02RE
Misc : 6.76G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FK-PS-01-058

Quant Time: Sep 17 07:21:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013044.D

Acq: 16 Sep 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

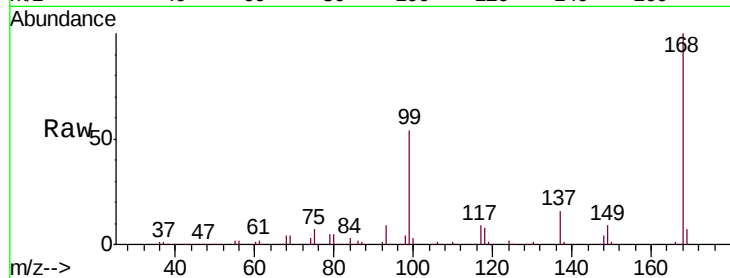
FK-PS-01-058

Tgt Ion:168 Resp: 269899

Ion Ratio Lower Upper

168 100

99 54.5 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

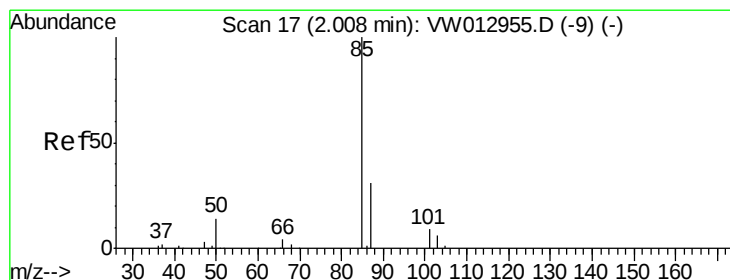
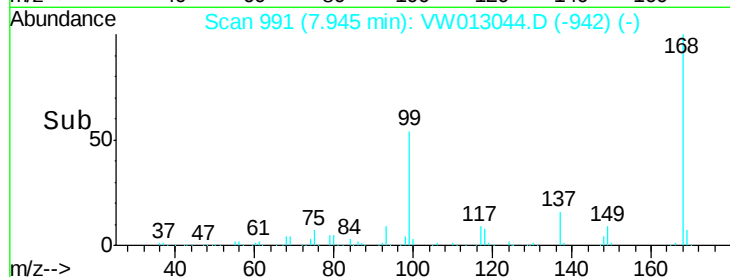
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW013044.D

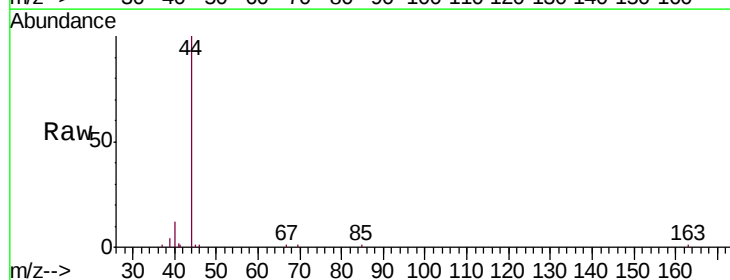
Acq: 16 Sep 2019 16:24

Tgt Ion: 85 Resp: 22

Ion Ratio Lower Upper

85 100

87 0.0 15.4 46.4#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

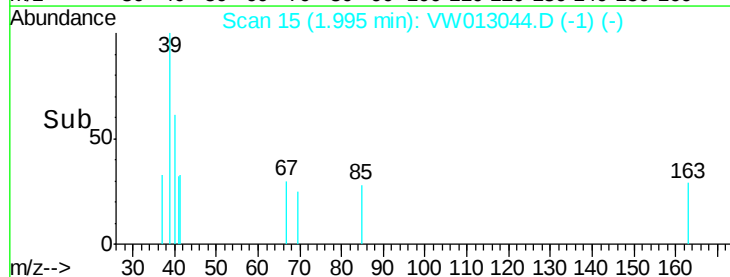
60

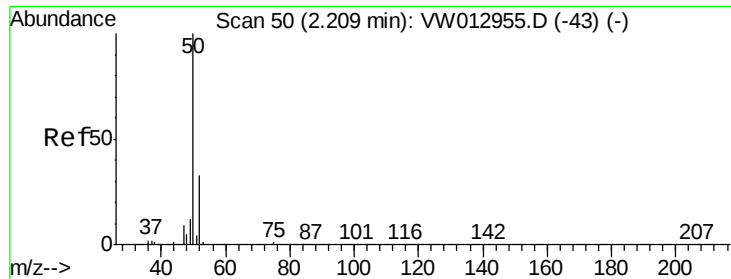
40

20

0

Time-->





#3

Chloromethane

Concen: Below Cal

RT: 2.17 min Scan# 44

Delta R.T. -0.04 min

Lab File: VW013044.D

Acq: 16 Sep 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

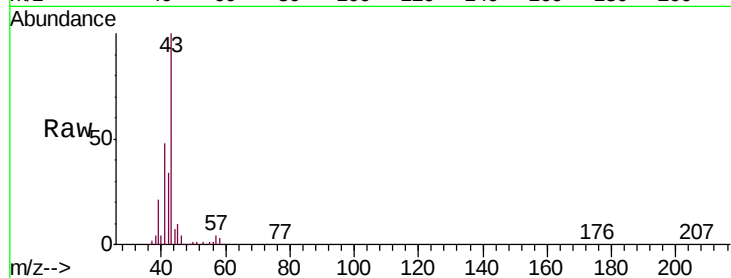
FK-PS-01-058

Tgt Ion: 50 Resp: 1494

Ion Ratio Lower Upper

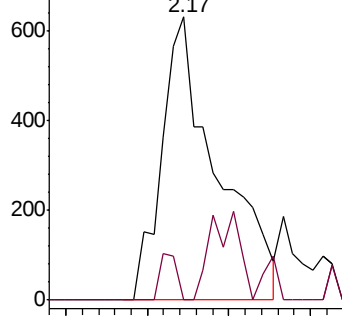
50 100

52 0.0 26.6 39.8#

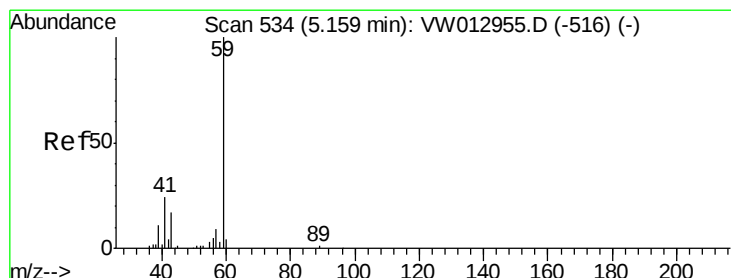
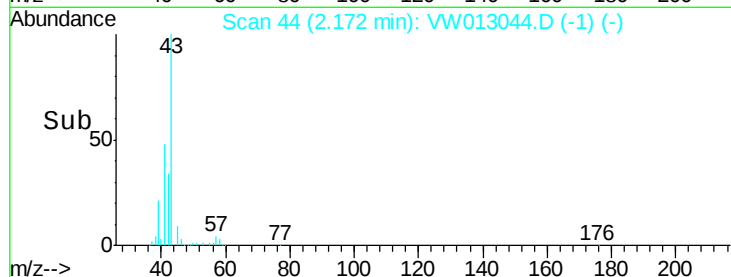


Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.10 min Scan# 525

Delta R.T. -0.05 min

Lab File: VW013044.D

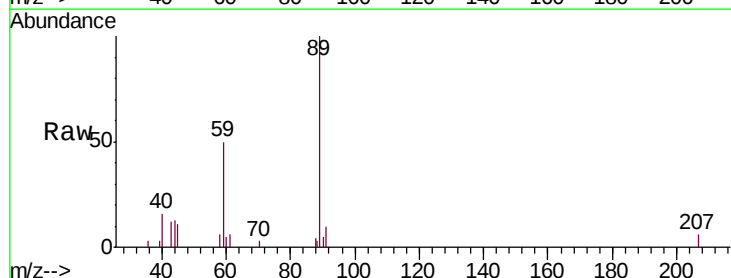
Acq: 16 Sep 2019 16:24

Tgt Ion: 59 Resp: 1786

Ion Ratio Lower Upper

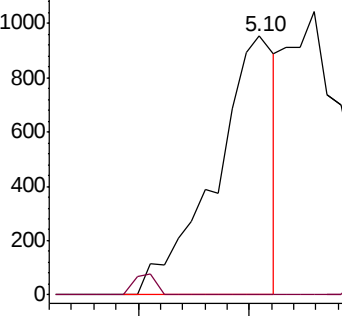
59 100

57 0.0 8.5 12.7#

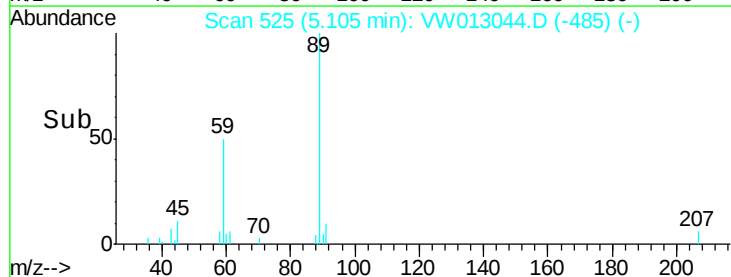


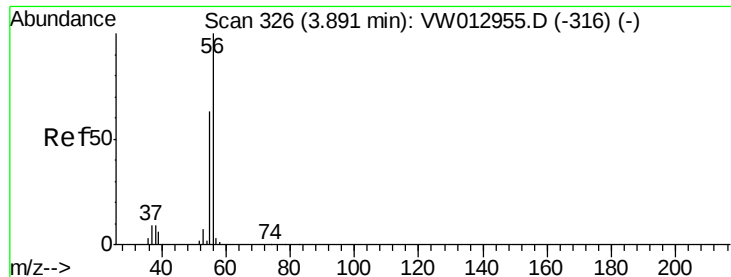
Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



Time-->

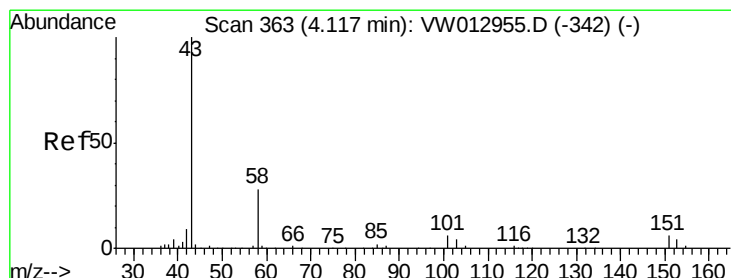
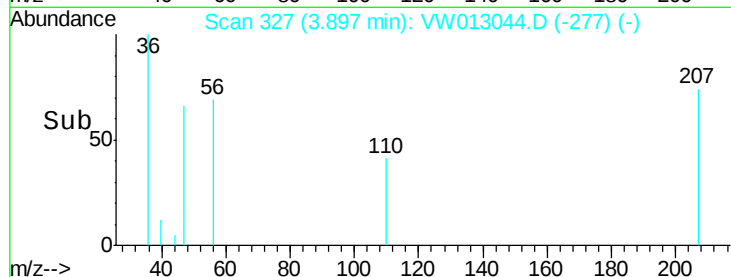
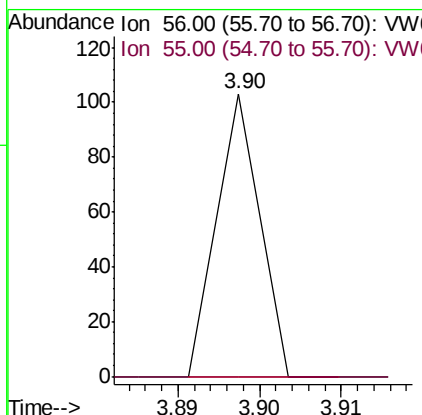
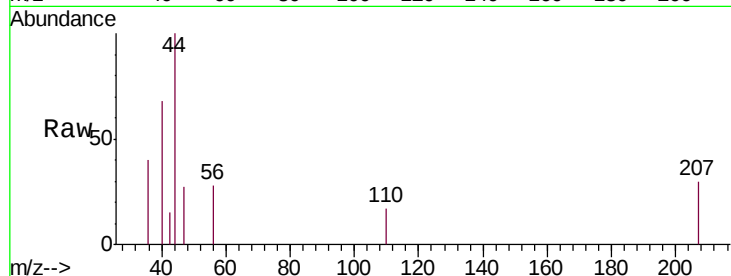




#13
Acrolein
Concen: Below Cal
RT: 3.90 min Scan# 327
Delta R.T. 0.01 min
Lab File: VW013044.D
Acq: 16 Sep 2019 16:24

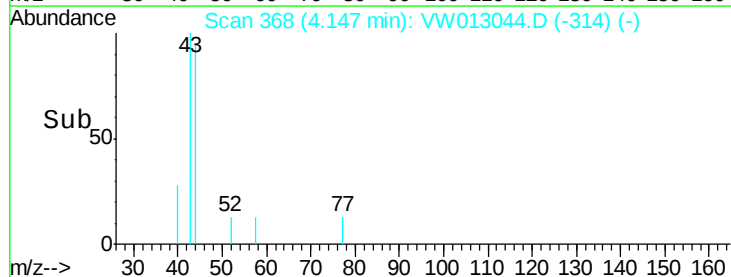
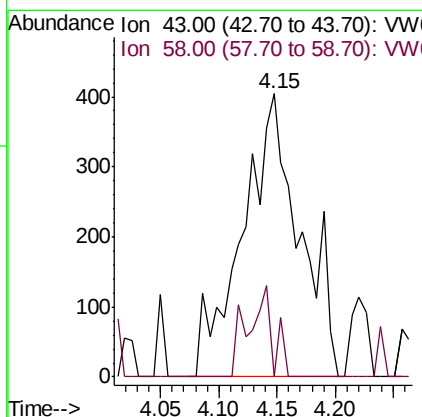
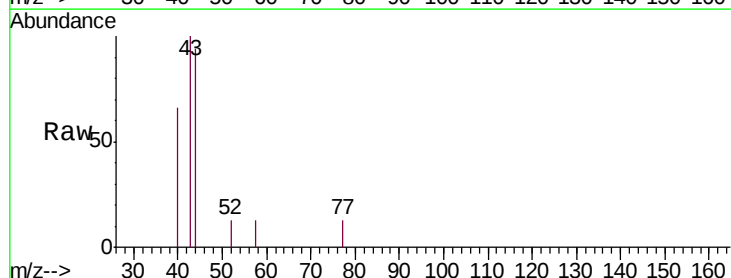
Instrument :
MSVOA_W
ClientSampleId :
FK-PS-01-058

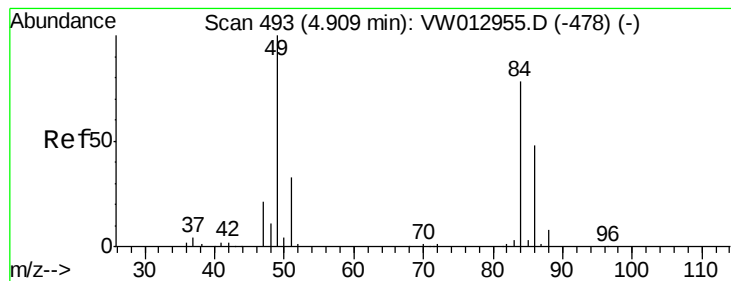
Tgt Ion: 56 Resp: 38
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#



#16
Acetone
Concen: Below Cal
RT: 4.15 min Scan# 368
Delta R.T. 0.03 min
Lab File: VW013044.D
Acq: 16 Sep 2019 16:24

Tgt Ion: 43 Resp: 1387
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW013044.D

Acq: 16 Sep 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

FK-PS-01-058

Tgt Ion: 84 Resp: 4438

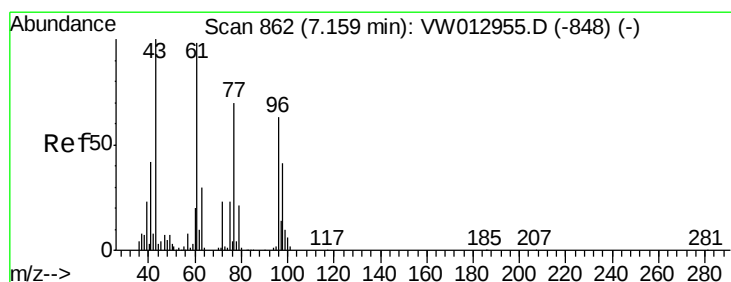
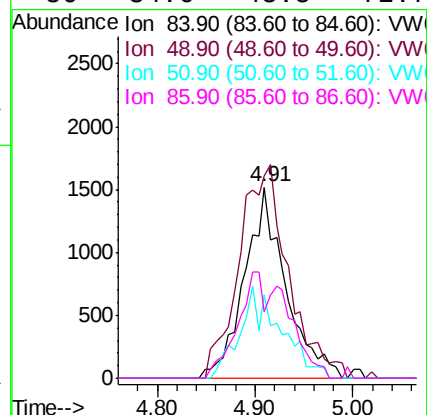
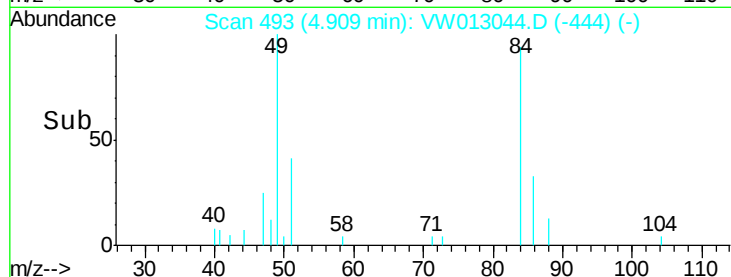
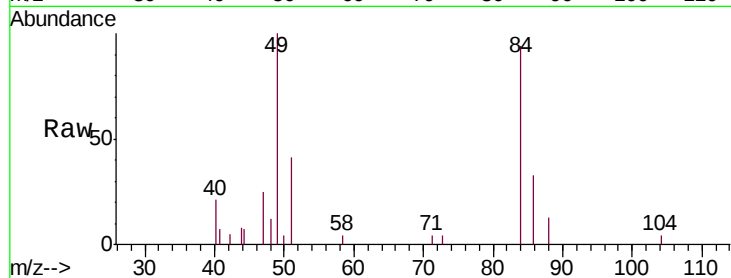
Ion Ratio Lower Upper

84 100

49 105.9 102.0 153.0

51 43.3 34.0 51.0

86 34.6 48.5 72.7#



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW013044.D

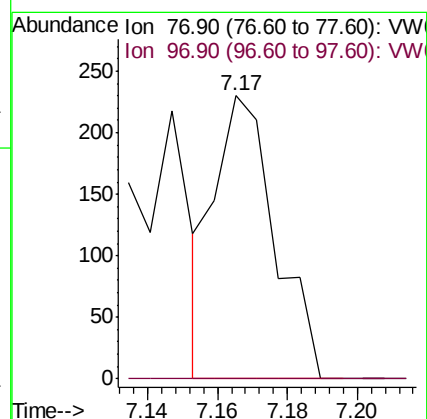
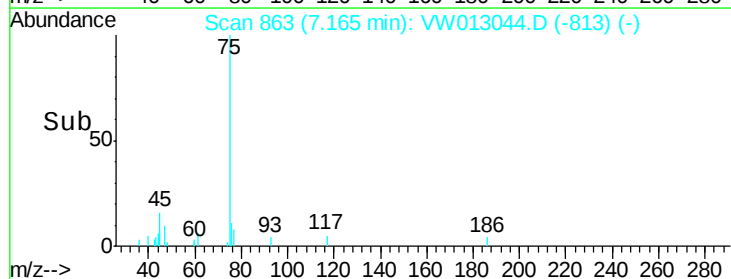
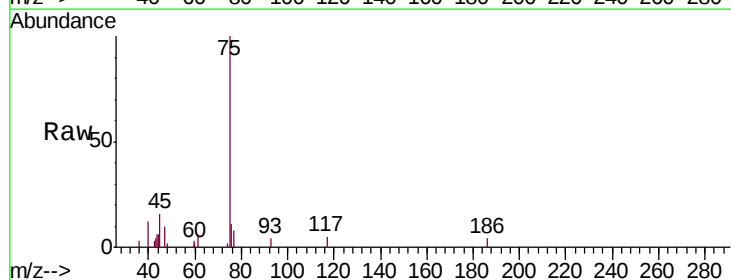
Acq: 16 Sep 2019 16:24

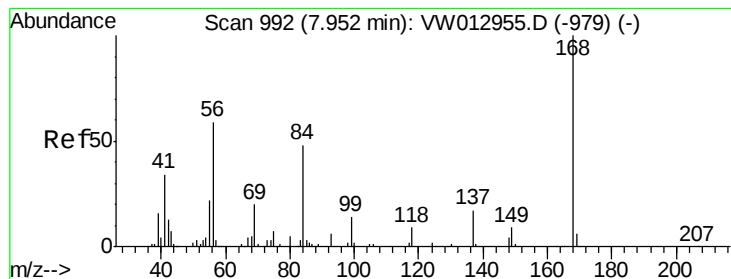
Tgt Ion: 77 Resp: 274

Ion Ratio Lower Upper

77 100

97 0.0 10.7 32.1#





#31

Cyclohexane

Concen: Below Cal

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW013044.D

Acq: 16 Sep 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

FK-PS-01-058

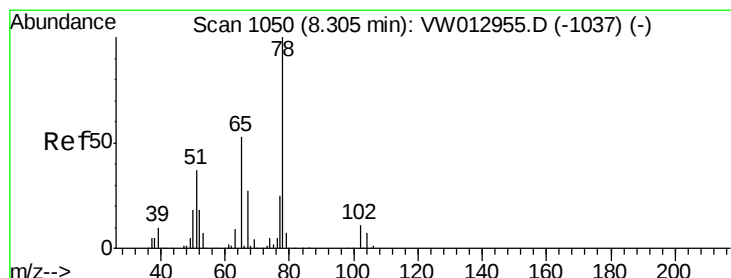
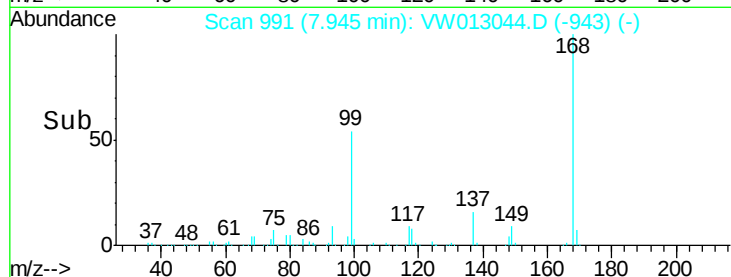
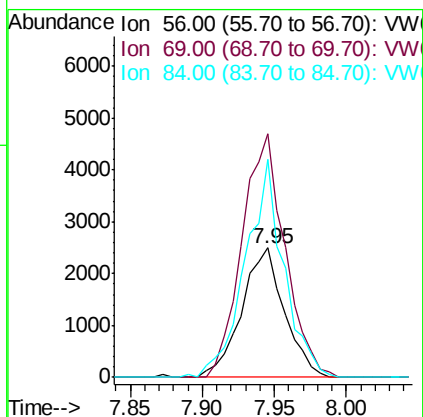
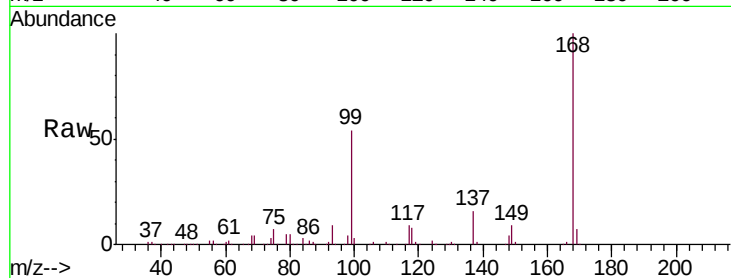
Tgt Ion: 56 Resp: 5118

Ion Ratio Lower Upper

56 100

69 188.1 27.0 40.6#

84 168.7 66.2 99.2#



#33

1,2-Dichloroethane-d4

Concen: 58.802 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013044.D

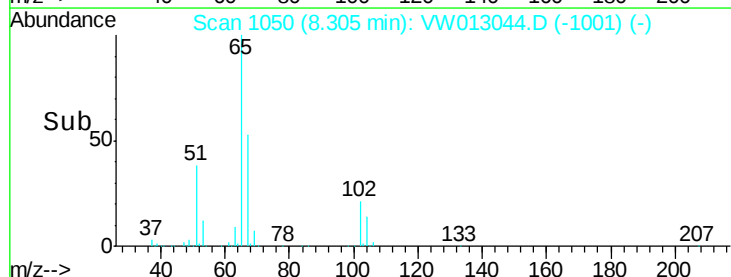
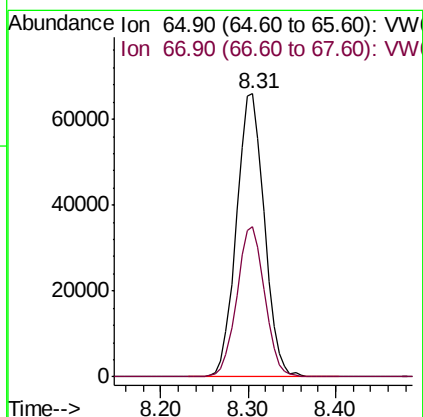
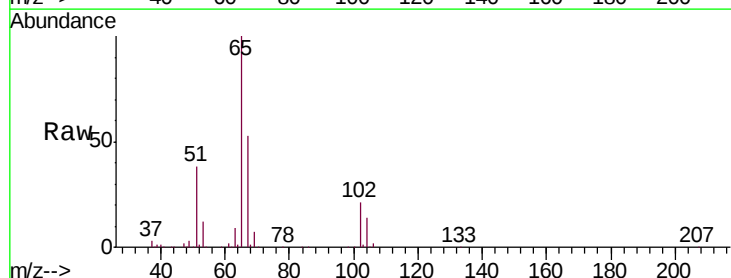
Acq: 16 Sep 2019 16:24

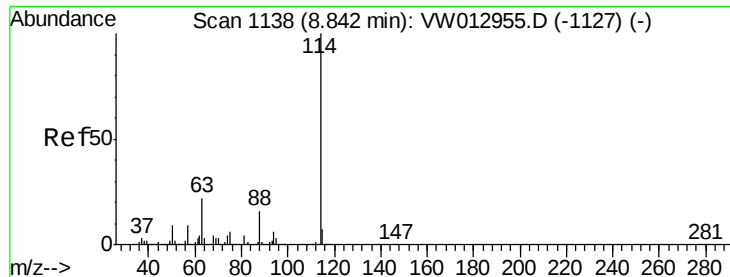
Tgt Ion: 65 Resp: 146576

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.2

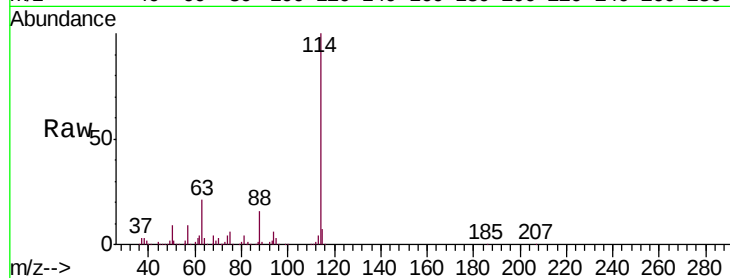




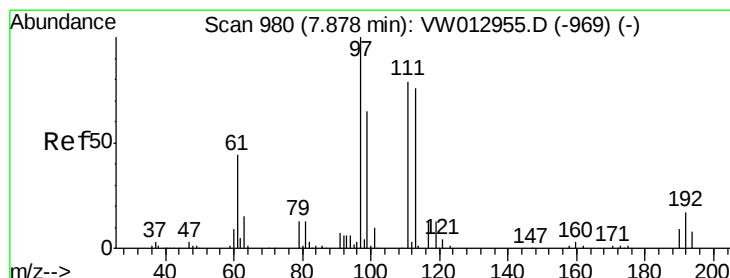
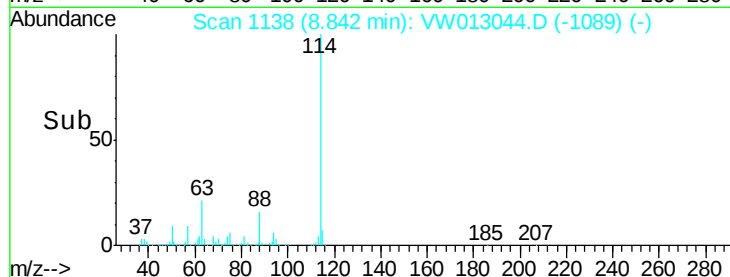
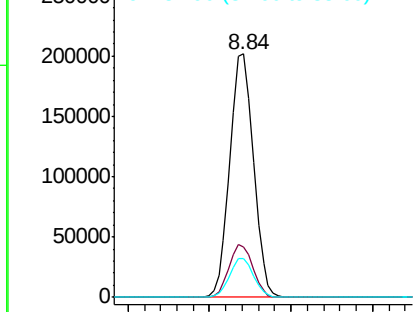
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013044.D
 Acq: 16 Sep 2019 16:24

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-PS-01-058

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.4
88	16.2	0.0	31.6

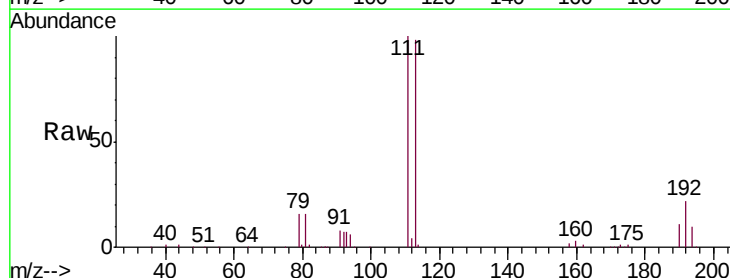


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

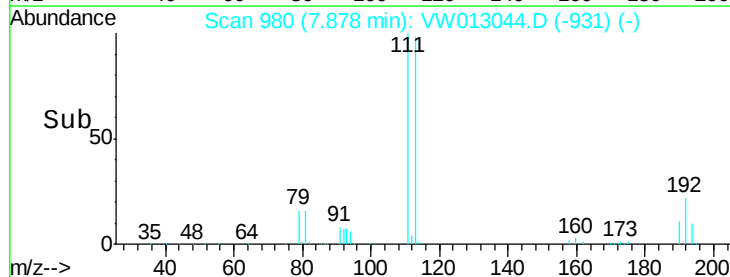
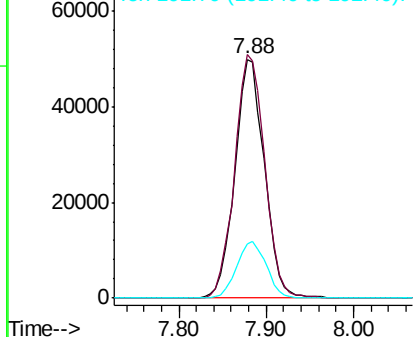


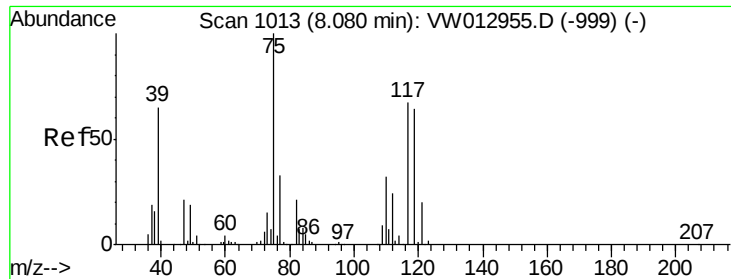
#35
 Dibromofluoromethane
 Concen: 53.513 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013044.D
 Acq: 16 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.8	124.2
192	23.8	17.8	26.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

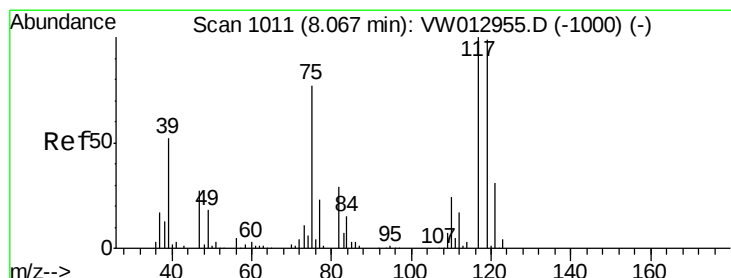
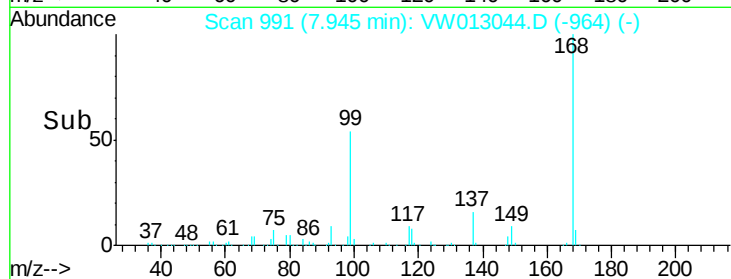
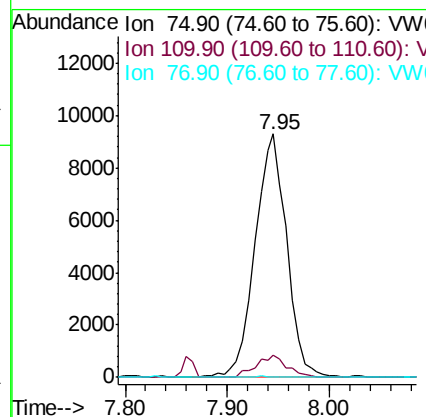
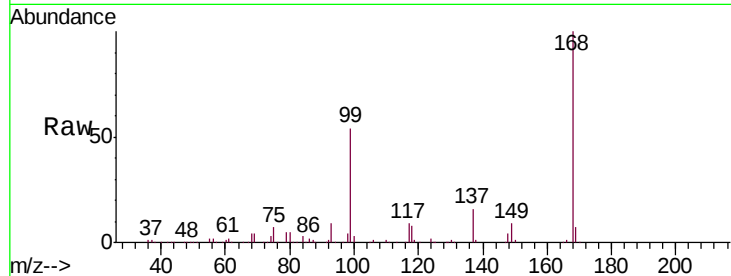




#36
 1,1-Dichloropropene
 Concen: 6.219 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013044.D
 Acq: 16 Sep 2019 16:24

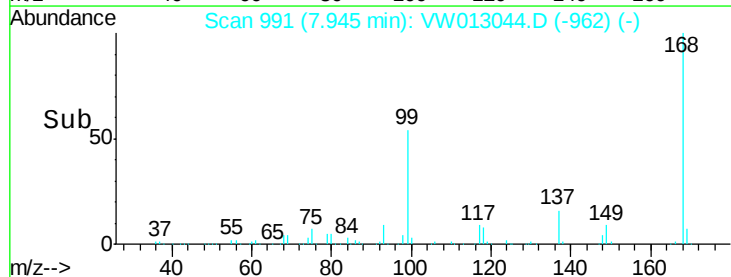
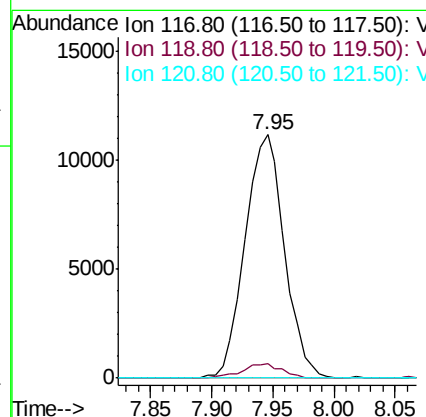
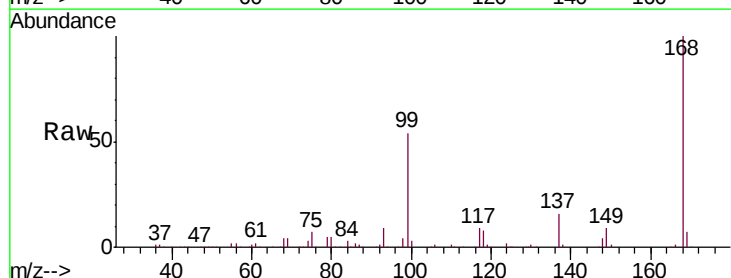
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-PS-01-058

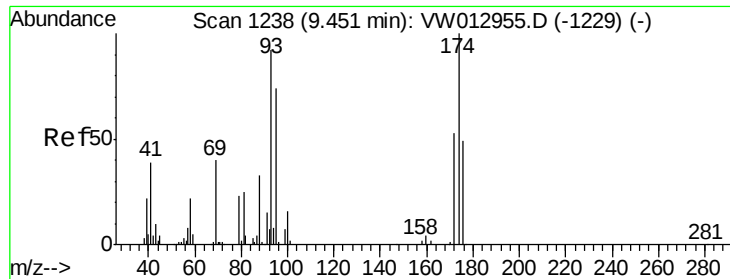
Tgt Ion: 75 Resp: 20046
 Ion Ratio Lower Upper
 75 100
 110 8.9 16.4 49.1#
 77 0.1 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 7.549 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013044.D
 Acq: 16 Sep 2019 16:24

Tgt Ion: 117 Resp: 24935
 Ion Ratio Lower Upper
 117 100
 119 5.9 79.4 119.0#
 121 0.0 24.6 36.8#

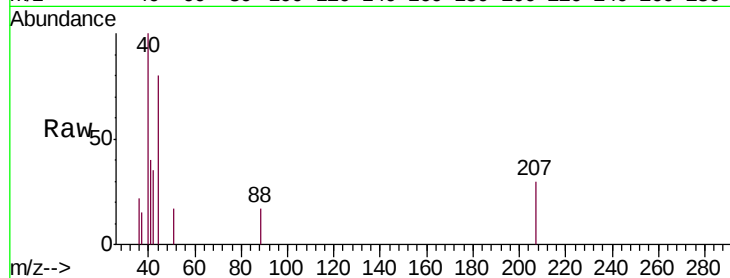




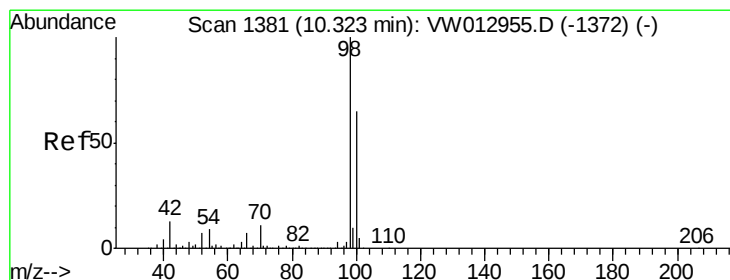
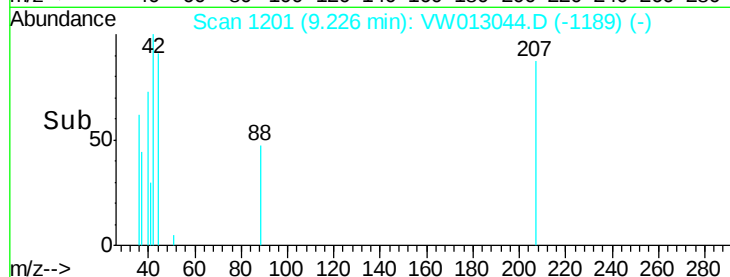
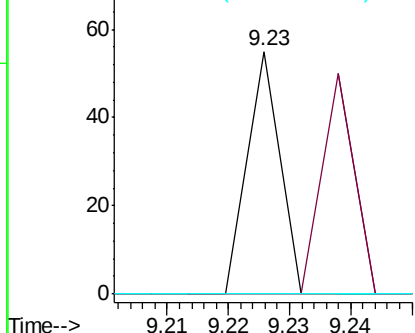
#49
1,4-Dioxane
Concen: 1.042 ug/l
RT: 9.23 min Scan# 1201
Delta R.T. -0.23 min
Lab File: VW013044.D
Acq: 16 Sep 2019 16:24

Instrument :
MSVOA_W
ClientSampleId :
FK-PS-01-058

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 31.3 46.9#
58 0.0 60.2 90.2#

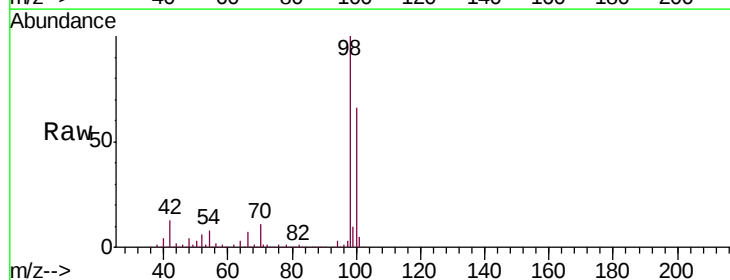


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

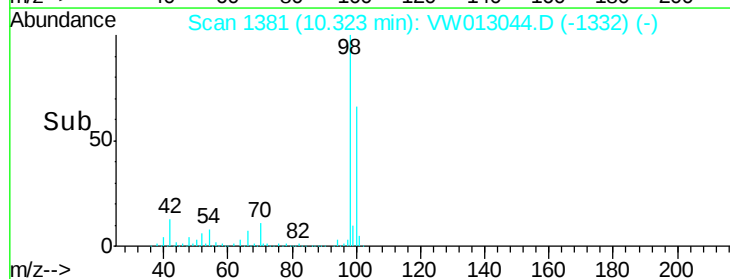
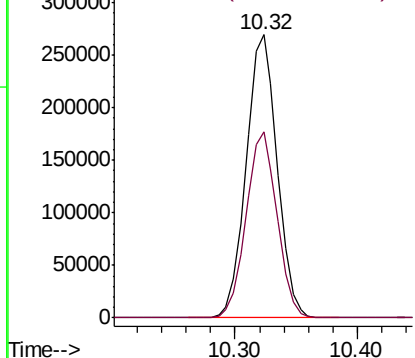


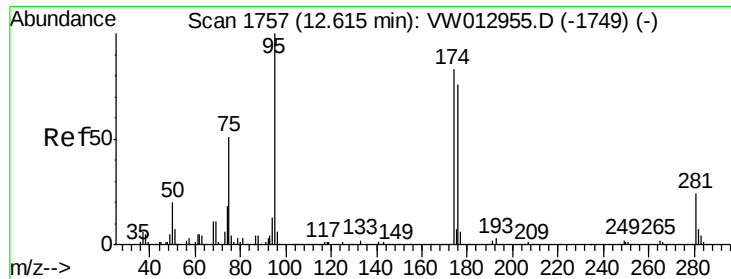
#50
Toluene-d8
Concen: 55.402 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013044.D
Acq: 16 Sep 2019 16:24

Tgt Ion: 98 Resp: 474479
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

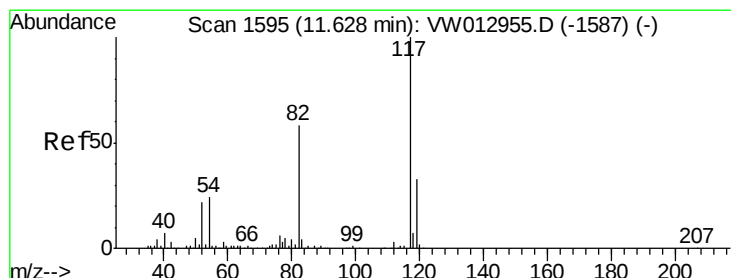
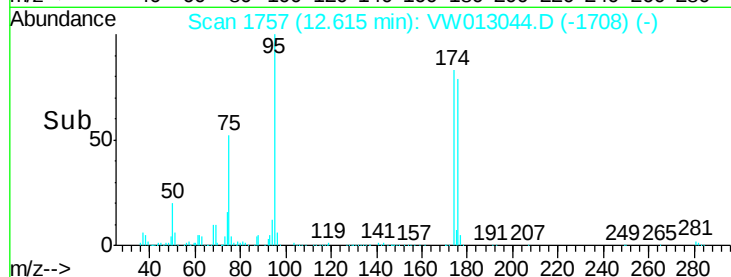
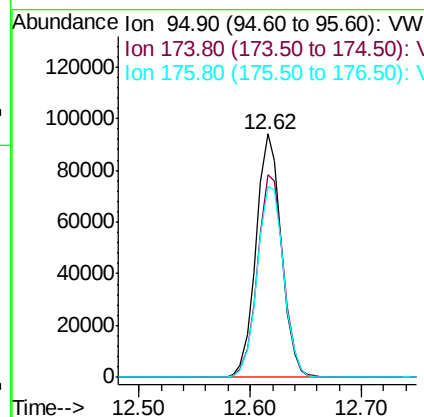
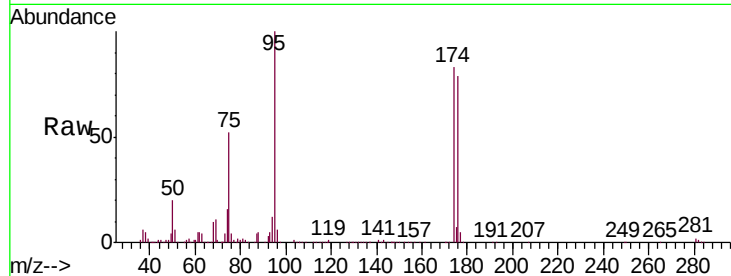




#62
4-Bromofluorobenzene
Concen: 48.530 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013044.D
Acq: 16 Sep 2019 16:24

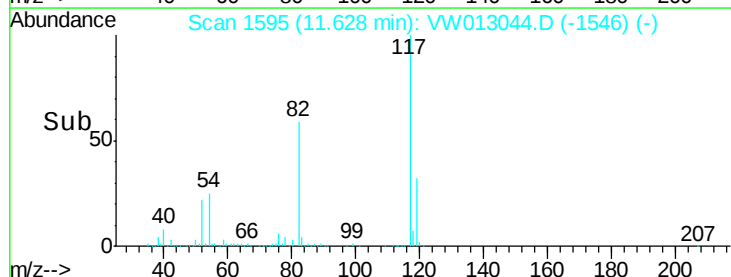
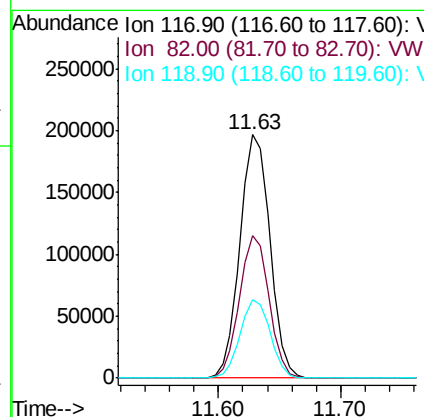
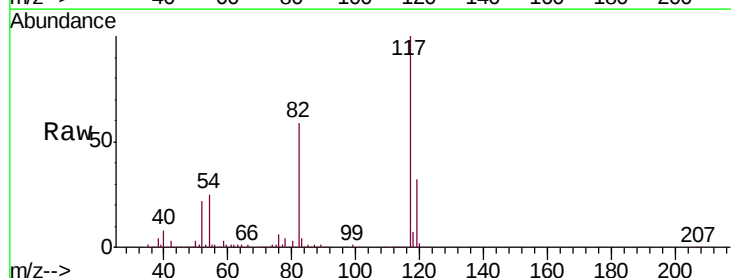
Instrument :
MSVOA_W
ClientSampleId :
FK-PS-01-058

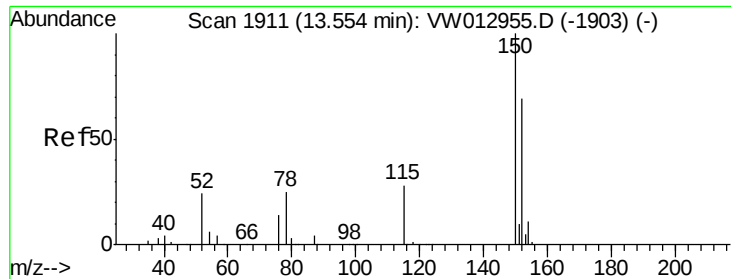
Tgt Ion: 95 Resp: 149449
Ion Ratio Lower Upper
95 100
174 85.3 0.0 170.4
176 82.0 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013044.D
Acq: 16 Sep 2019 16:24

Tgt Ion: 117 Resp: 334705
Ion Ratio Lower Upper
117 100
82 58.8 46.3 69.5
119 32.4 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW013044.D

Acq: 16 Sep 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

FK-PS-01-058

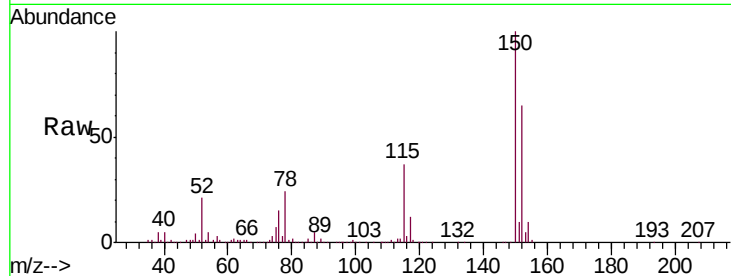
Tgt Ion:152 Resp: 141514

Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.4

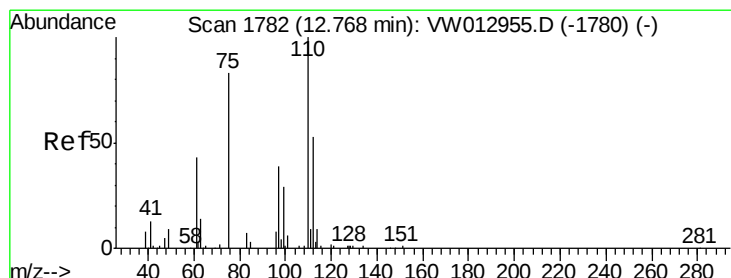
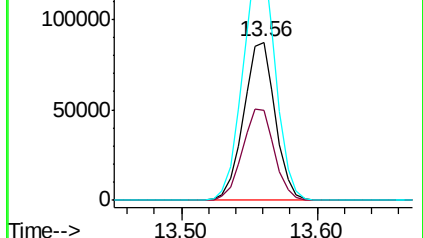
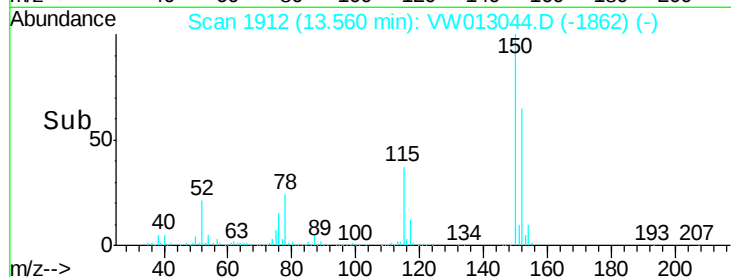
150 156.0 0.0 340.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 61.463 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013044.D

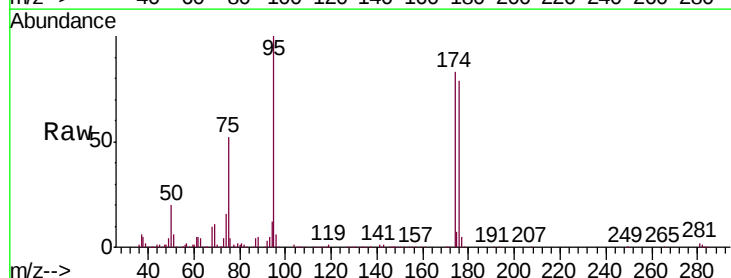
Acq: 16 Sep 2019 16:24

Tgt Ion: 75 Resp: 76187

Ion Ratio Lower Upper

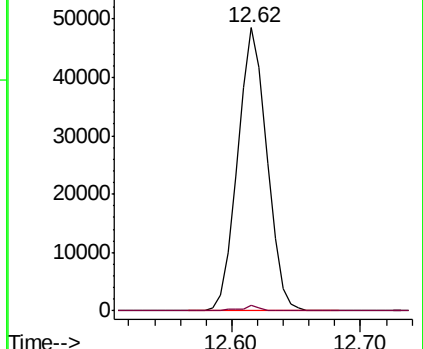
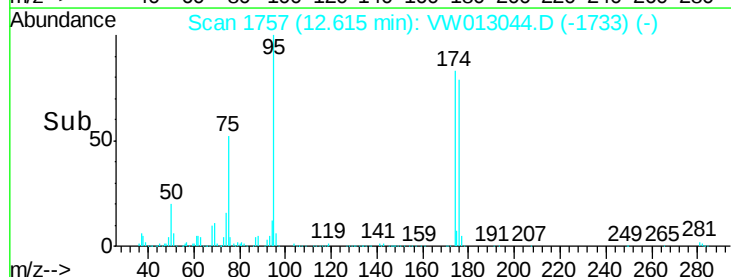
75 100

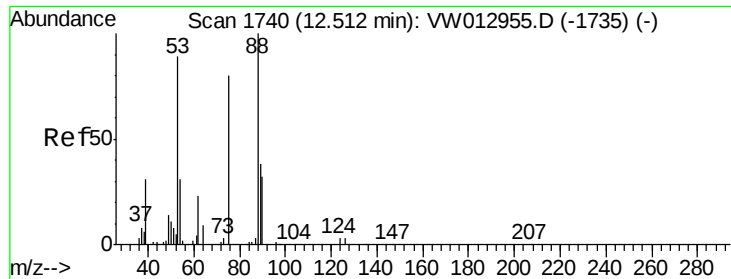
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 139.429 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013044.D

Acq: 16 Sep 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

FK-PS-01-058

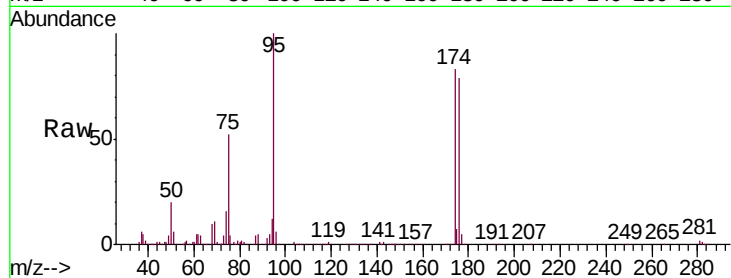
Tgt Ion: 75 Resp: 76187

Ion Ratio Lower Upper

75 100

53 0.1 85.6 128.4#

89 0.0 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

