

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070319\
 Data File : VD063022.D
 Acq On : 3 Jul 2019 13:46
 Operator : VA/AP
 Sample : K3650-02
 Misc : 4.20g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-051

Quant Time: Jul 04 00:46:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	824955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1099193	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	744946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	241991	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	431893	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	
35) Dibromofluoromethane	6.93	113	459560	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
50) Toluene-d8	10.41	98	835187	41.40	ug/l	0.00
Spiked Amount			Recovery	=	82.80%	
62) 4-Bromofluorobenzene	13.55	95	252318	27.51	ug/l	0.00
Spiked Amount			Recovery	=	55.02%	

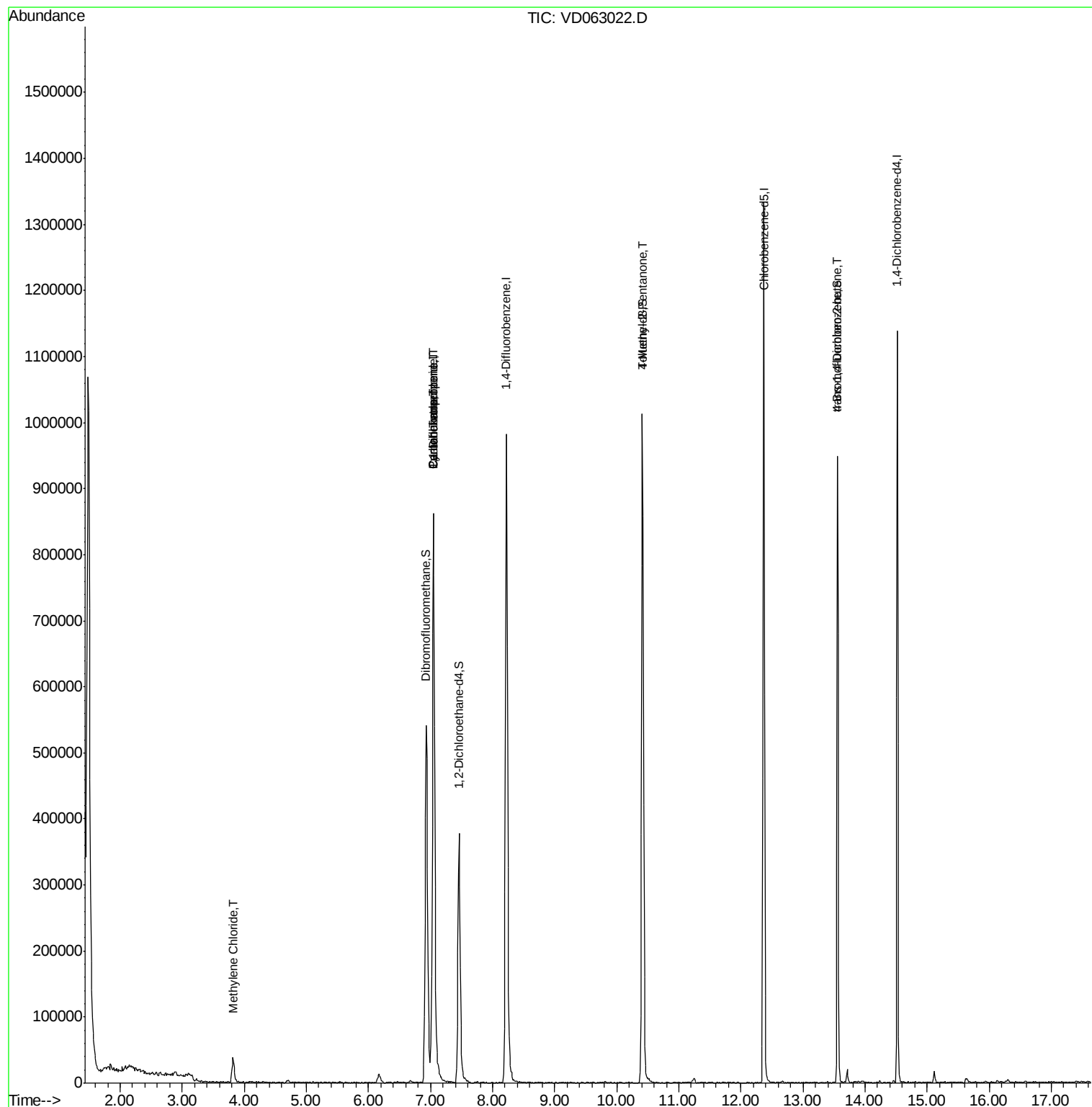
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.23	43	4800	Below Cal	#	64
20) Methylene Chloride	3.83	84	22681	3.317	ug/l #	73
31) Cyclohexane	7.05	56	16419	1.950	ug/l #	16
36) 1,1-Dichloropropene	7.05	75	63712	6.123	ug/l #	54
37) Ethyl Acetate	6.20	43	600	Below Cal	#	69
38) Carbon Tetrachloride	7.05	117	78577	5.021	ug/l #	15
51) 4-Methyl-2-Pentanone	10.41	43	4708	1.217	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	112594	153.783	ug/l #	2

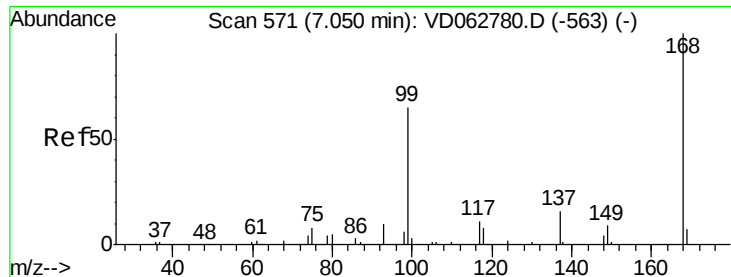
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 04 00:46:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD063022.D

Acq: 3 Jul 2019 13:46

Instrument :

MSVOA_D

ClientSampleId :

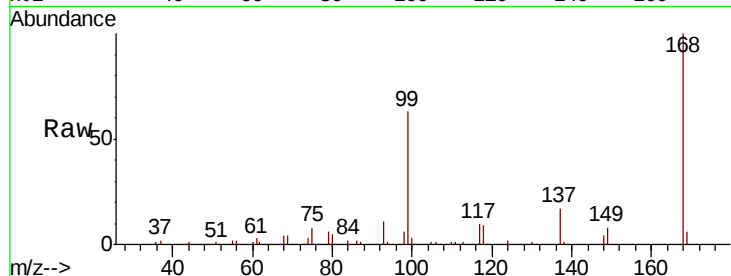
FK-PS-01-051

Tot Ion:168 Resp: 824955

Ion Ratio Lower Upper

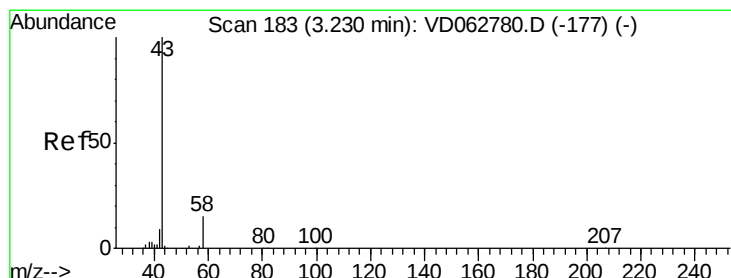
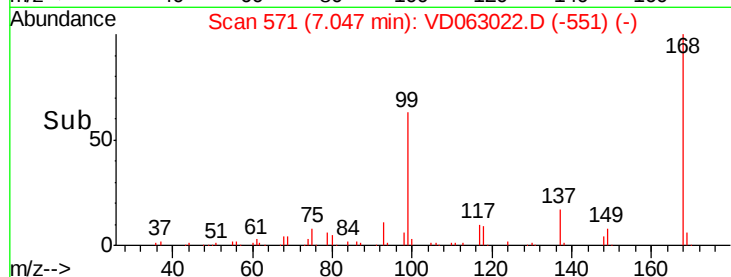
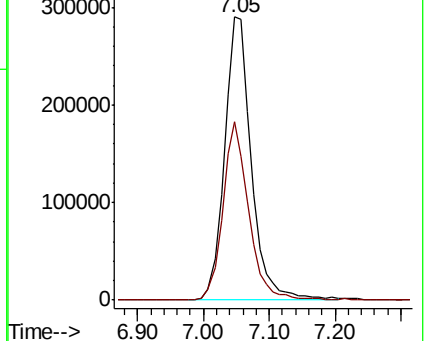
168 100

99 62.8 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: Below Cal

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD063022.D

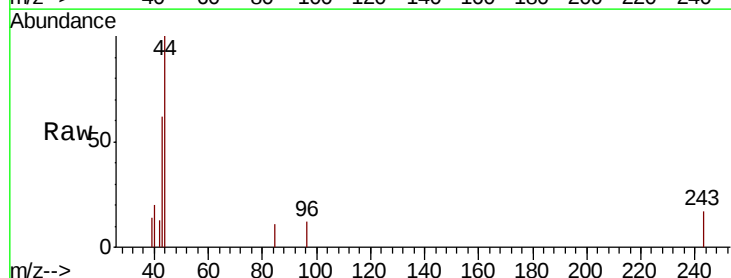
Acq: 3 Jul 2019 13:46

Tgt Ion: 43 Resp: 4800

Ion Ratio Lower Upper

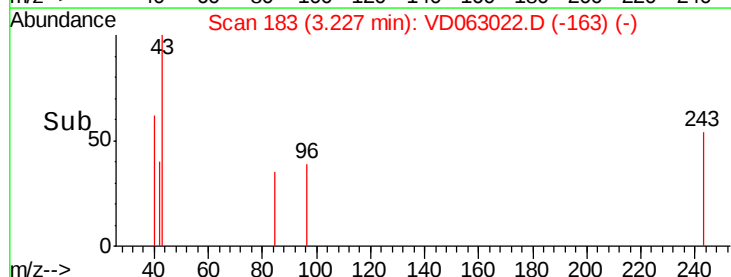
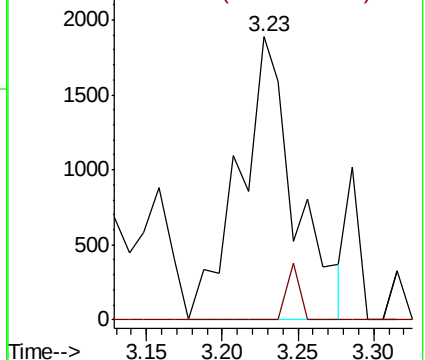
43 100

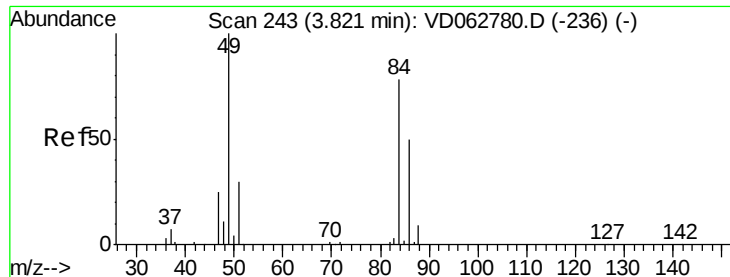
58 0.0 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

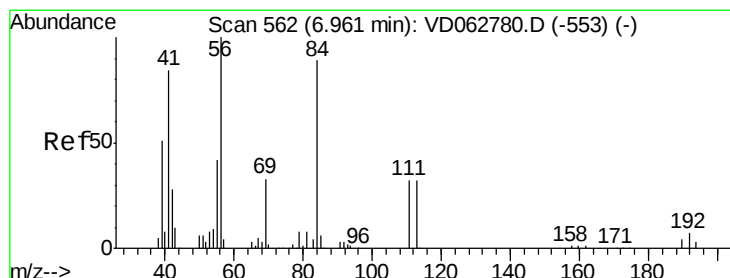
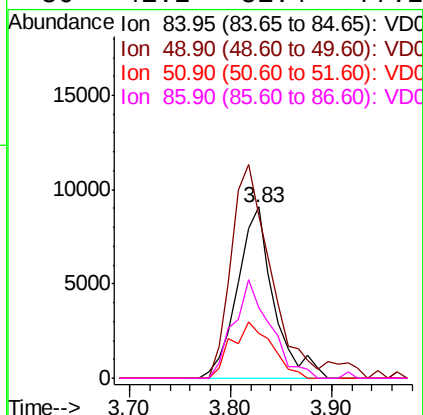
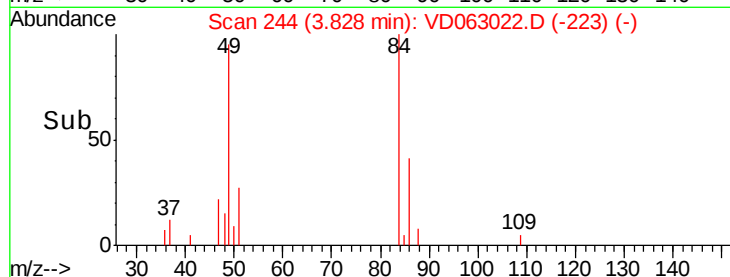
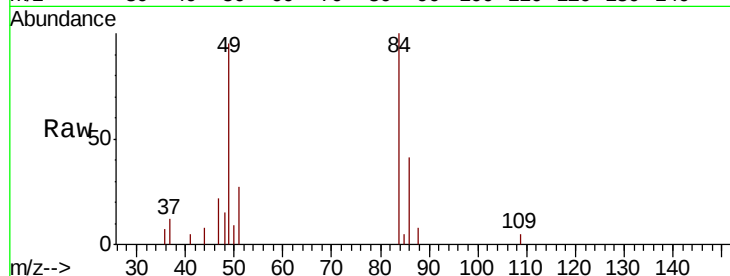




#20
Methvlene Chloride
Concen: 3.317 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD063022.D
Acq: 3 Jul 2019 13:46

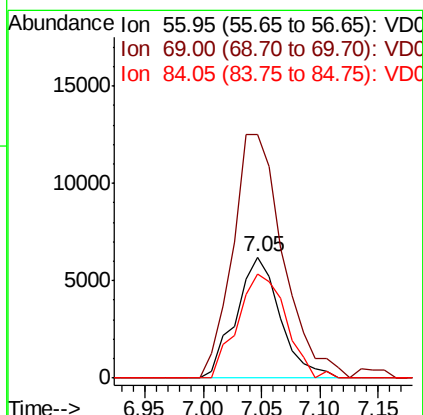
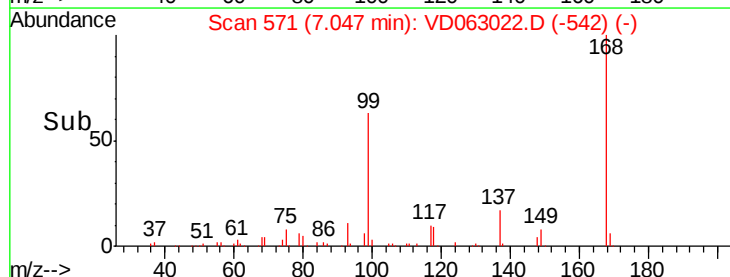
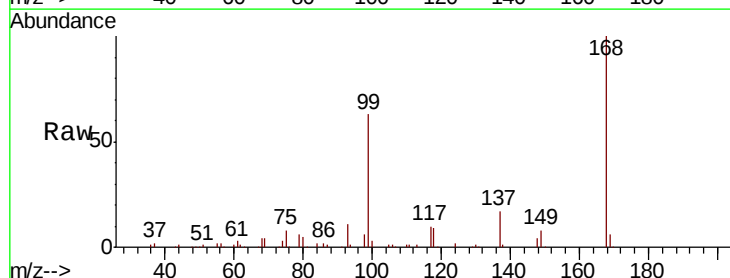
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-051

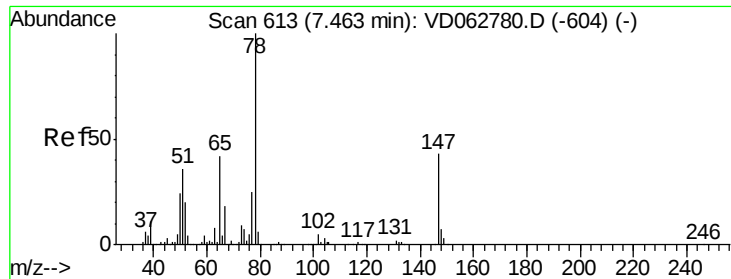
Tot Ion: 84 Resp: 22681
Ion Ratio Lower Upper
84 100
49 95.5 102.9 154.3#
51 26.5 31.2 46.8#
86 41.2 51.4 77.2#



#31
Cyclohexane
Concen: 1.950 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.09 min
Lab File: VD063022.D
Acq: 3 Jul 2019 13:46

Tgt Ion: 56 Resp: 16419
Ion Ratio Lower Upper
56 100
69 201.1 26.6 39.8#
84 85.9 75.5 113.3

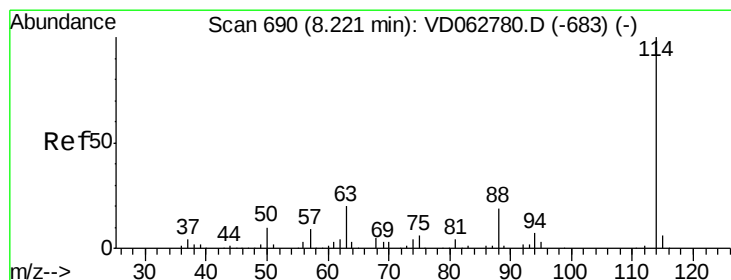
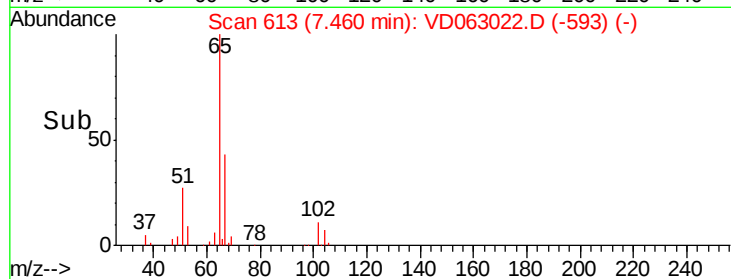
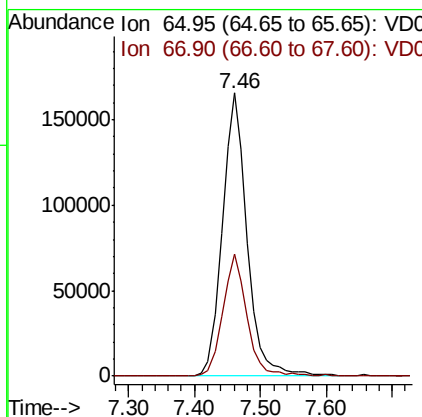
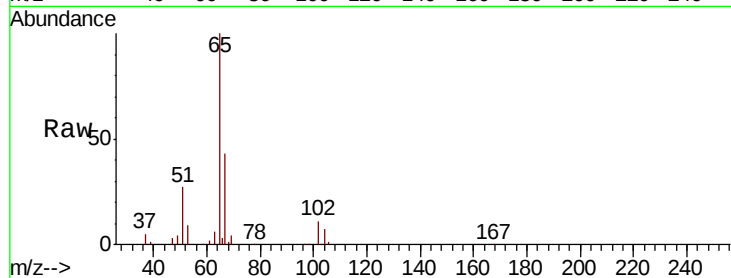




#33
 1,2-Dichloroethane-d4
 Concen: 48.164 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: VD063022.D
 Acq: 3 Jul 2019 13:46

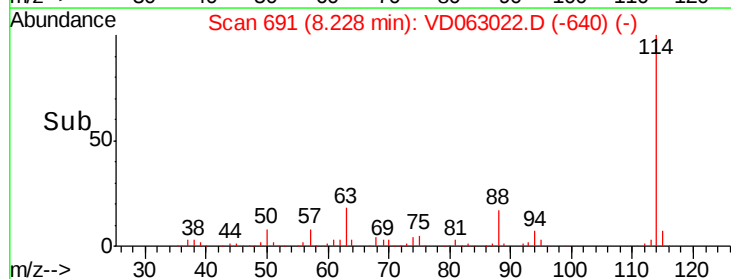
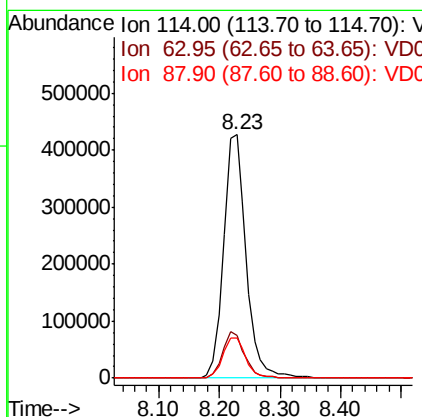
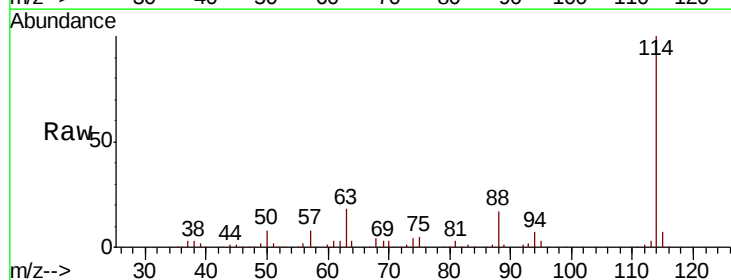
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-051

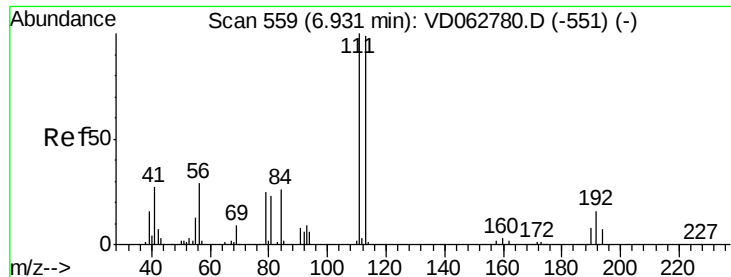
Tot Ion: 65 Resp: 431893
 Ion Ratio Lower Upper
 65 100
 67 43.1 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD063022.D
 Acq: 3 Jul 2019 13:46

Tgt Ion: 114 Resp: 1099193
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 40.0
 88 16.6 0.0 38.8

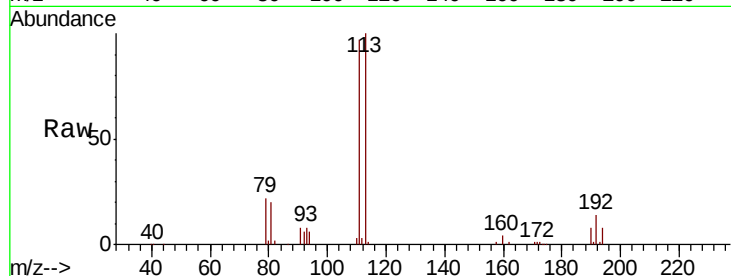




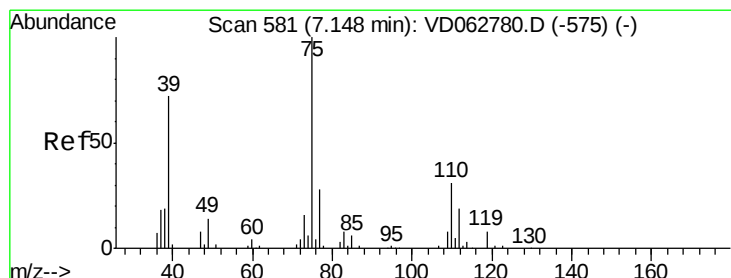
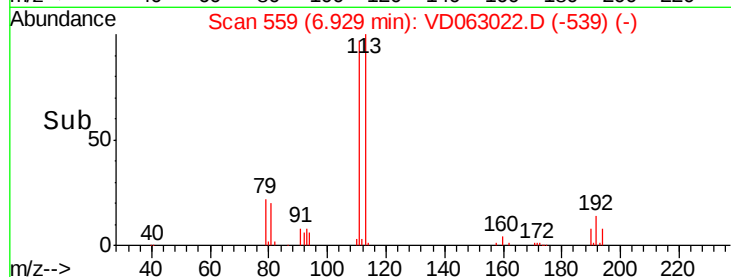
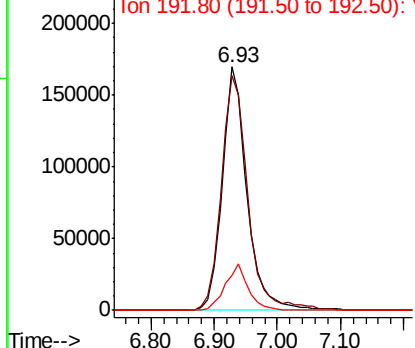
#35
Dibromofluoromethane
Concen: 49.584 ug/l
RT: 6.93 min Scan# 559
Delta R.T. -0.00 min
Lab File: VD063022.D
Acq: 3 Jul 2019 13:46

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-051

Tot Ion:113 Resp: 459560
Ion Ratio Lower Upper
113 100
111 96.5 81.2 121.8
192 14.3 12.9 19.3

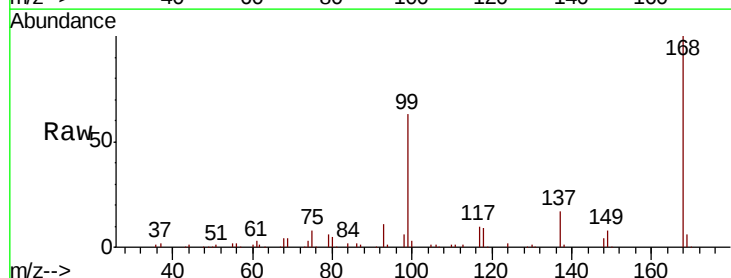


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

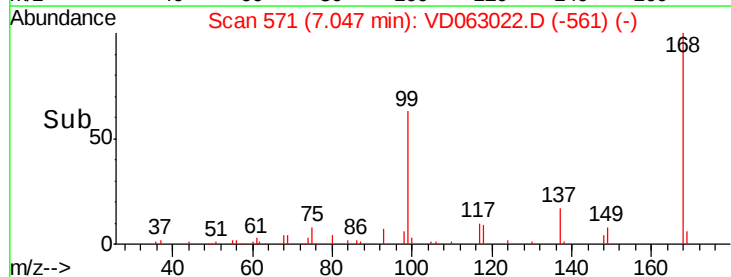
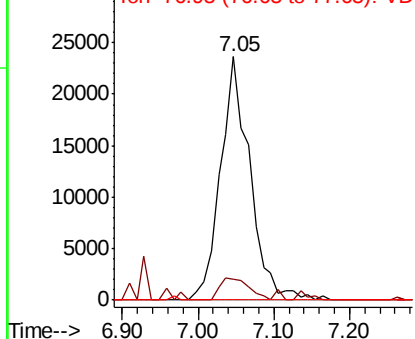


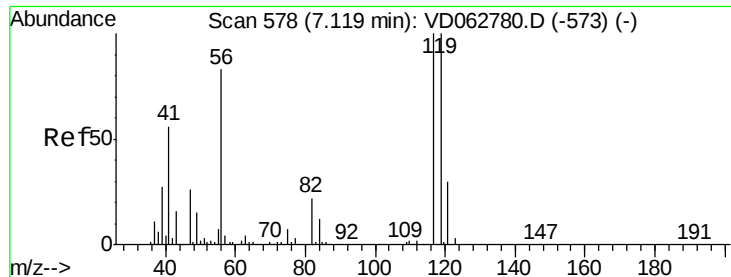
#36
1,1-Dichloropropene
Concen: 6.123 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.10 min
Lab File: VD063022.D
Acq: 3 Jul 2019 13:46

Tgt Ion: 75 Resp: 63712
Ion Ratio Lower Upper
75 100
110 8.7 15.0 45.1#
77 0.0 22.2 33.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): VDC

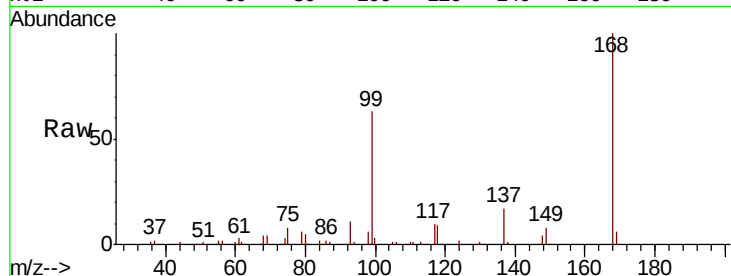




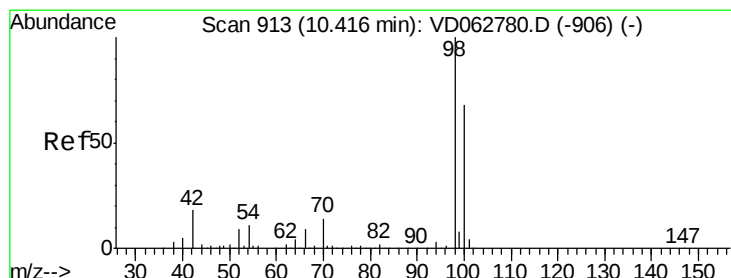
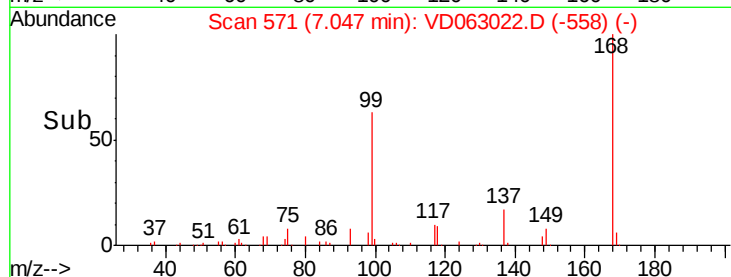
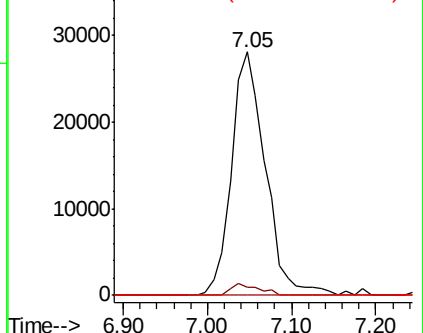
#38
Carbon Tetrachloride
Concen: 5.021 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.07 min
Lab File: VD063022.D
Acq: 3 Jul 2019 13:46

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-051

Tot Ion:117 Resp: 78577
Ion Ratio Lower Upper
117 100
119 3.3 75.4 113.2#
121 0.0 22.3 33.5#

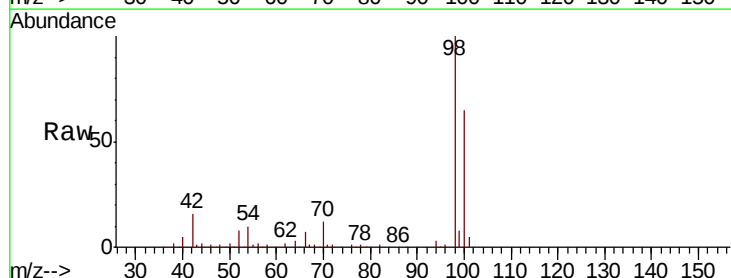


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

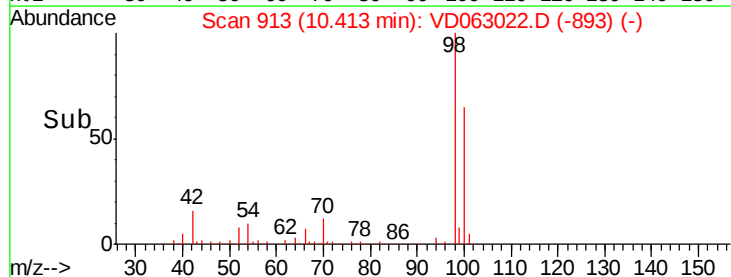
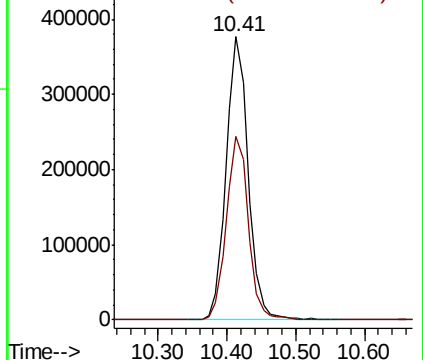


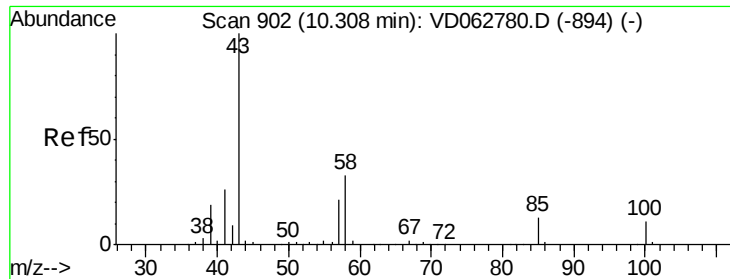
#50
Toluene-d8
Concen: 41.403 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD063022.D
Acq: 3 Jul 2019 13:46

Tgt Ion: 98 Resp: 835187
Ion Ratio Lower Upper
98 100
100 65.0 54.7 82.1



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

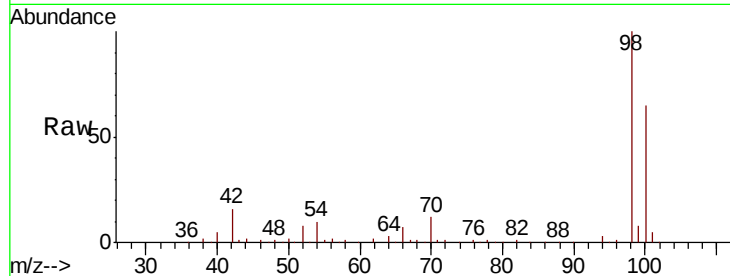




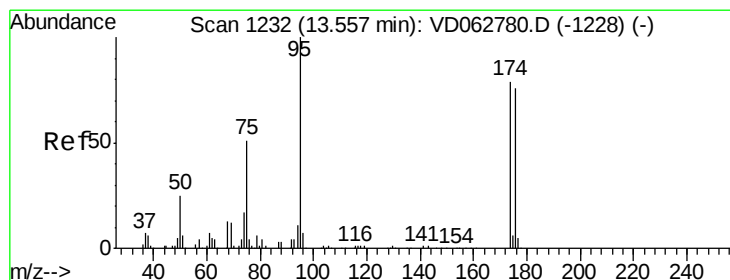
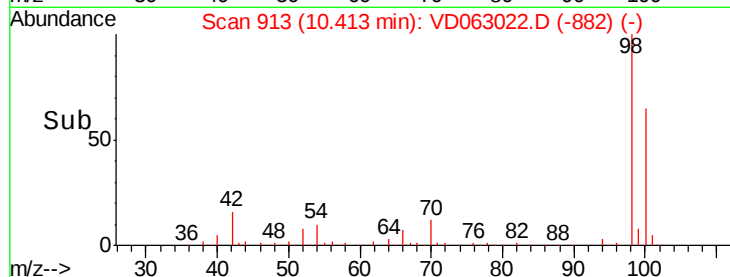
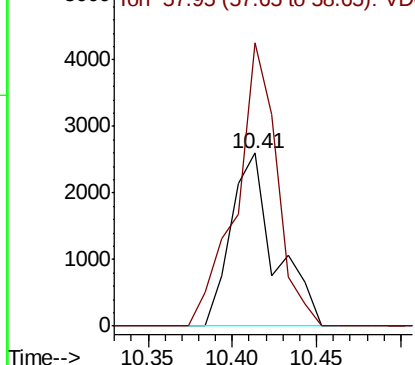
#51
4-Methyl-2-Pentanone
Concen: 1.217 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.11 min
Lab File: VD063022.D
Acq: 3 Jul 2019 13:46

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-051

Tot Ion: 43 Resp: 4708
Ion Ratio Lower Upper
43 100
58 163.6 26.6 40.0#

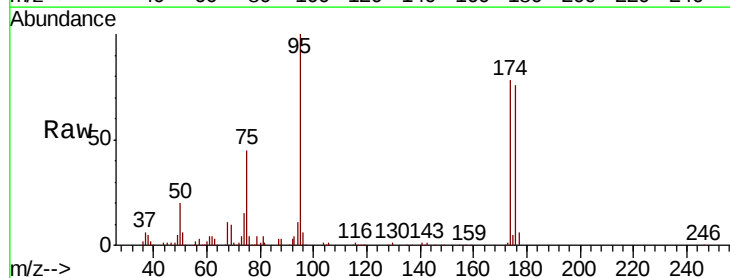


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

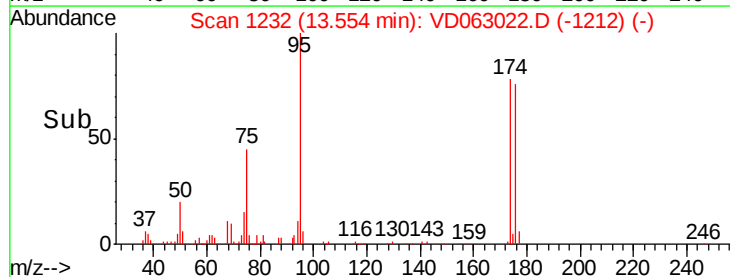
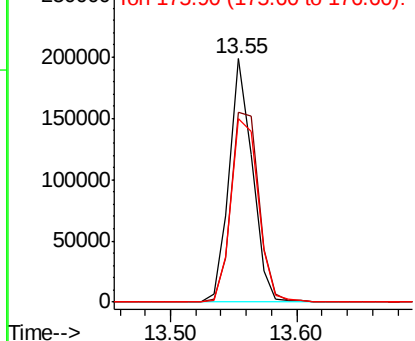


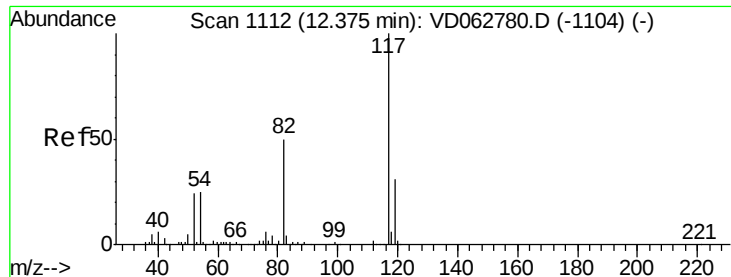
#62
4-Bromofluorobenzene
Concen: 27.508 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063022.D
Acq: 3 Jul 2019 13:46

Tgt Ion: 95 Resp: 252318
Ion Ratio Lower Upper
95 100
174 78.1 0.0 158.0
176 75.6 0.0 151.6



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

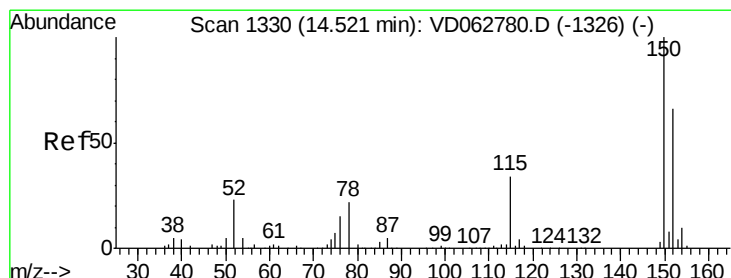
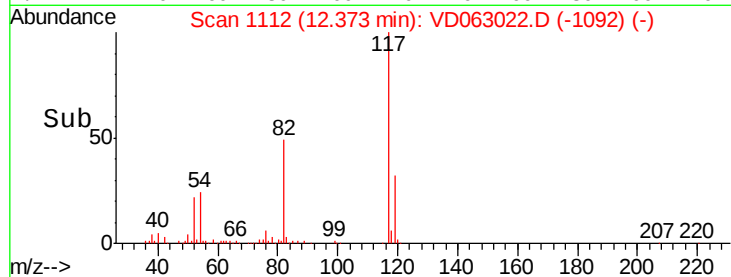
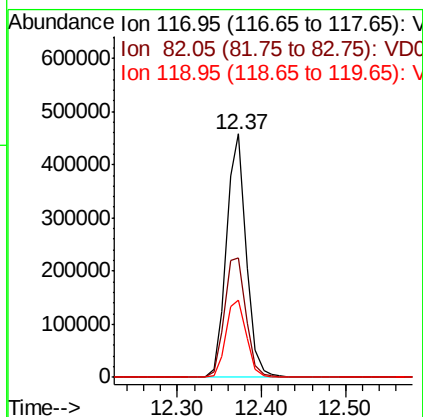
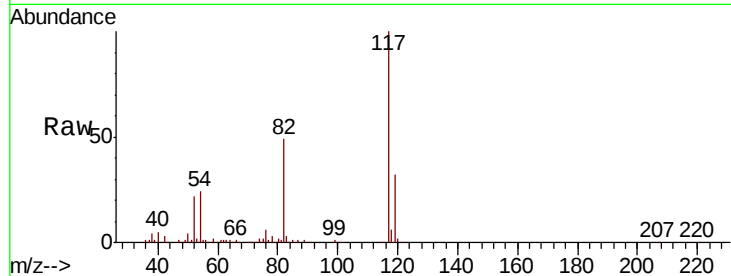




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD063022.D
Acq: 3 Jul 2019 13:46

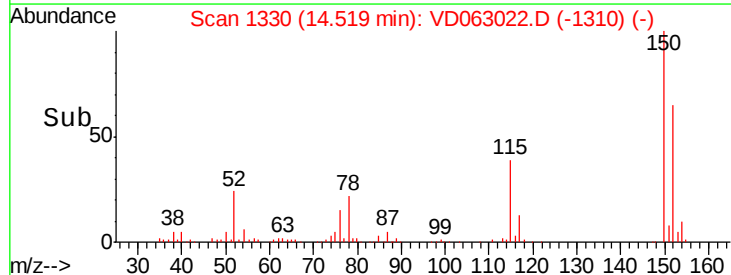
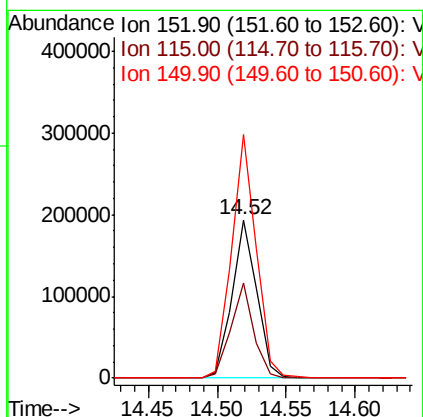
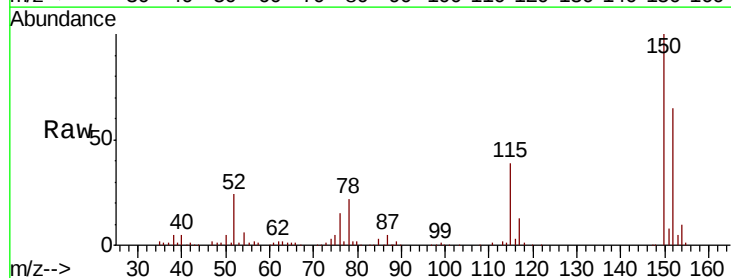
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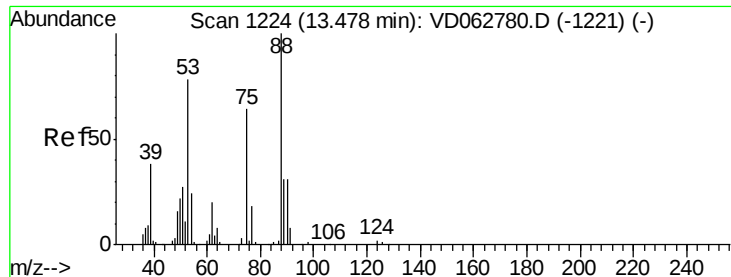
Tot Ion:117 Resp: 744946
Ion Ratio Lower Upper
117 100
82 48.9 40.4 60.6
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063022.D
Acq: 3 Jul 2019 13:46

Tgt Ion:152 Resp: 241991
Ion Ratio Lower Upper
152 100
115 60.0 29.2 87.6
150 153.8 0.0 305.8





#81

trans-1,4-Dichloro-2-butene

Concen: 153.783 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD063022.D

Acq: 3 Jul 2019 13:46

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-051

Tot Ion: 75 Resp: 112594

Ion Ratio Lower Upper

75 100

53 0.0 97.8 146.8#

89 0.0 39.4 59.2#

