

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004942.D
 Acq On : 03 Oct 2018 01:43
 Operator : JC/MD
 Sample : J5171-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KR-RO-VNJ-221

Quant Time: Oct 03 07:24:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	210739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	355015	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196331	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	172954	57.45	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	114.90%	
35) Dibromofluoromethane	5.50	113	142984	47.52	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	95.04%	
50) Toluene-d8	8.72	98	517077	51.69	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	103.38%	
62) 4-Bromofluorobenzene	11.14	95	186380	51.72	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	103.44%	

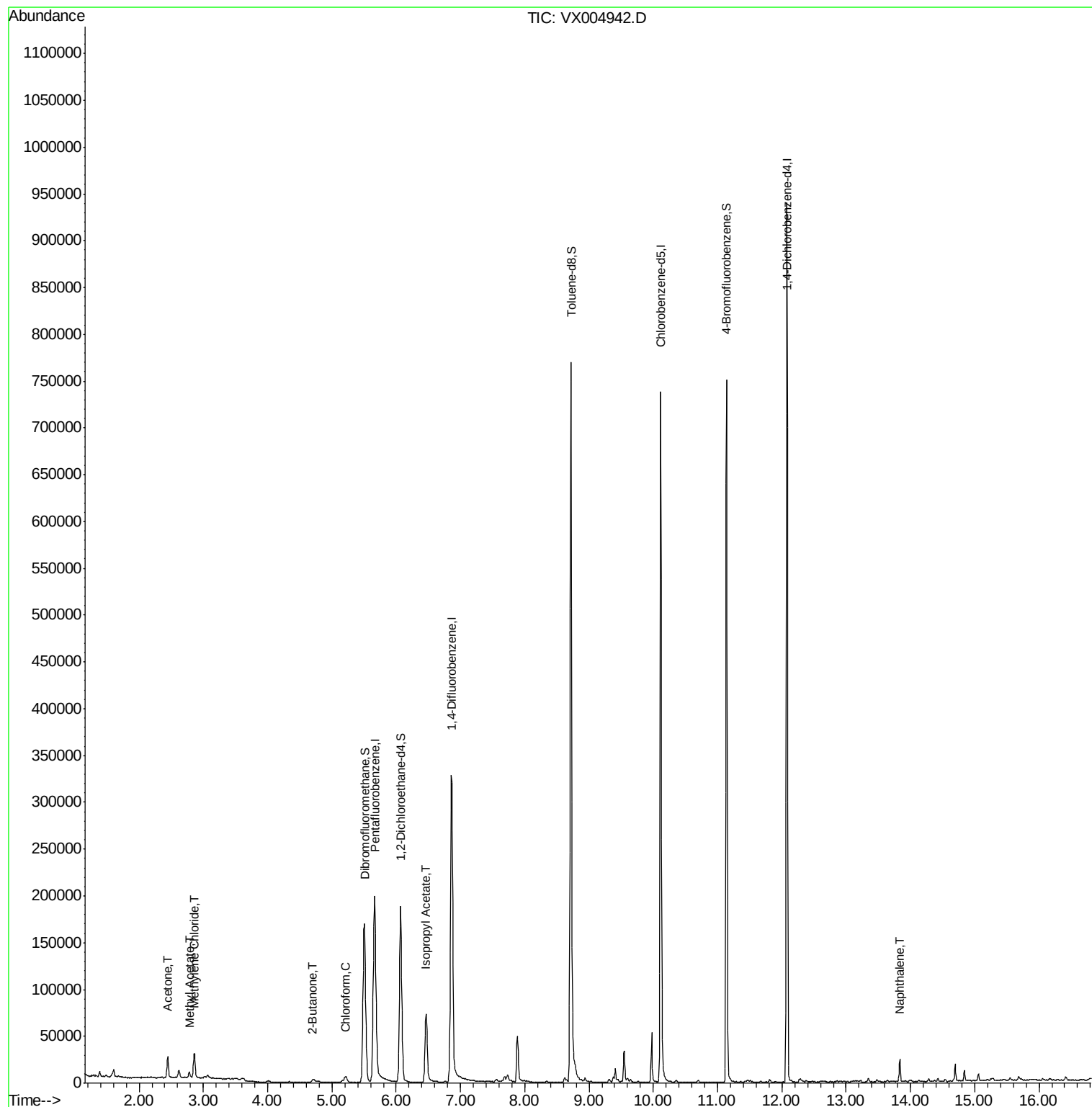
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	24338	13.848	ug/l	92
18) Methyl Acetate	2.78	43	8102	1.819	ug/l	99
20) Methylene Chloride	2.86	84	12162	3.987	ug/l	87
25) 2-Butanone	4.70	43	6436	2.484	ug/l	99
30) Chloroform	5.22	83	6793	1.436	ug/l	90
43) Isopropyl Acetate	6.47	43	99164	12.608	ug/l	97
95) Naphthalene	13.83	128	15126	1.632	ug/l	99

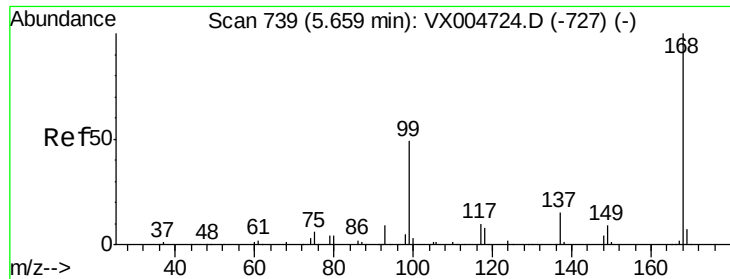
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

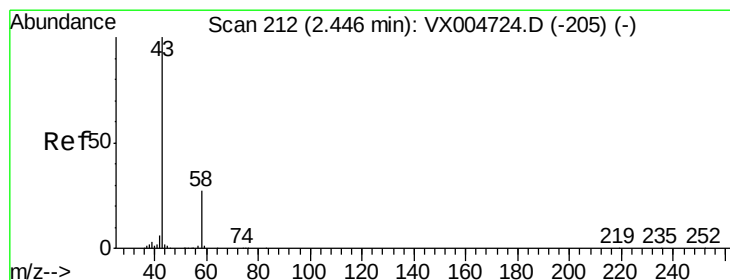
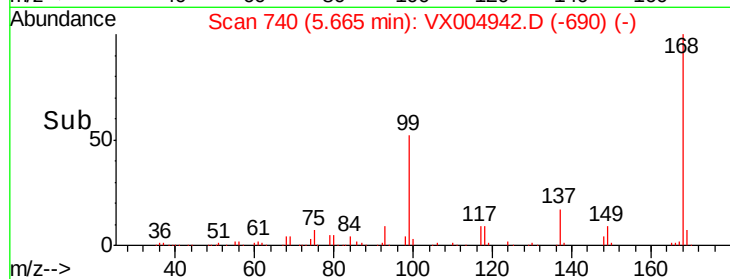
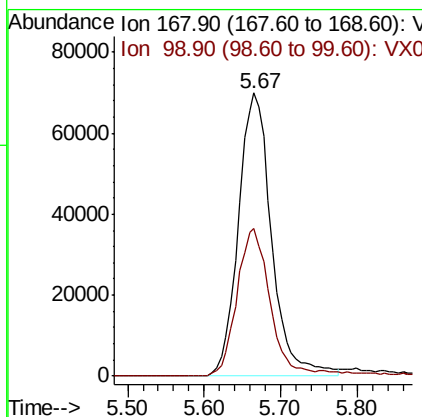
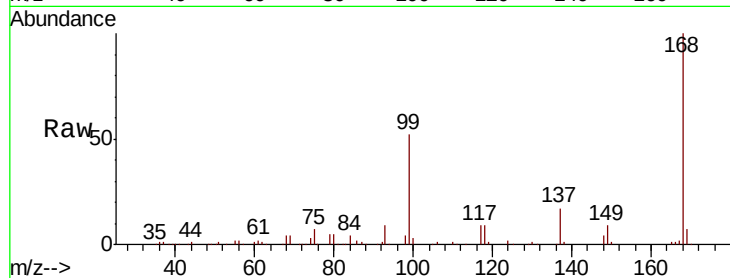




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004942.D
Acq: 03 Oct 2018 01:43

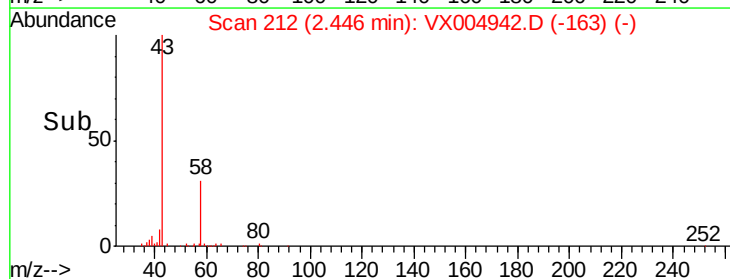
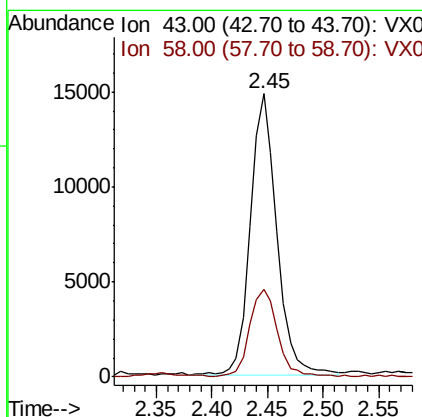
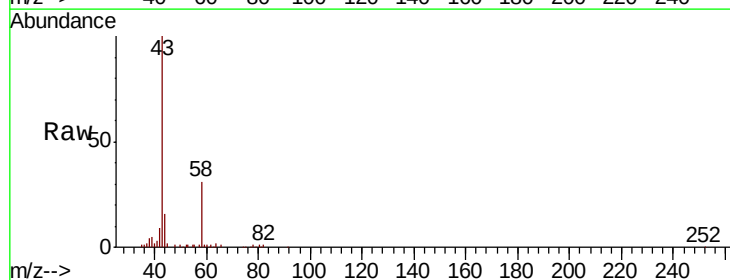
Instrument :
MSVOA_X
ClientSampleId :
KR-RO-VNJ-221

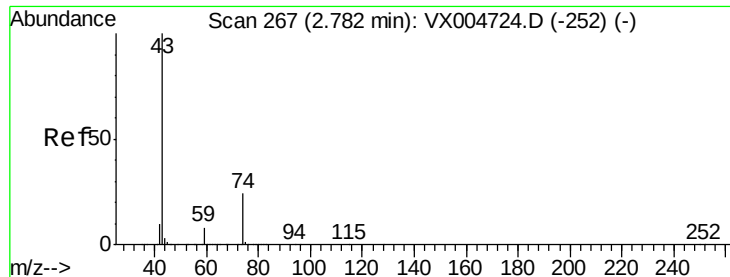
Tot Ion:168 Resp: 210739
Ion Ratio Lower Upper
168 100
99 52.1 39.3 58.9



#16
Acetone
Concen: 13.848 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004942.D
Acq: 03 Oct 2018 01:43

Tgt Ion: 43 Resp: 24338
Ion Ratio Lower Upper
43 100
58 31.3 21.8 32.6

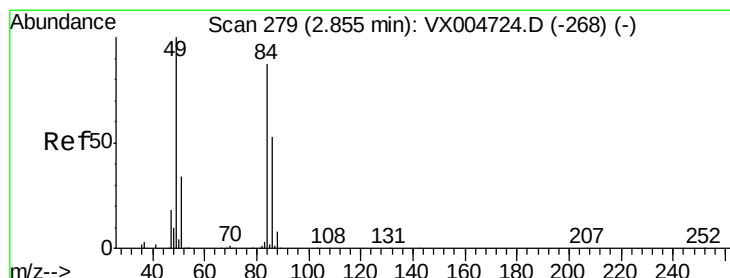
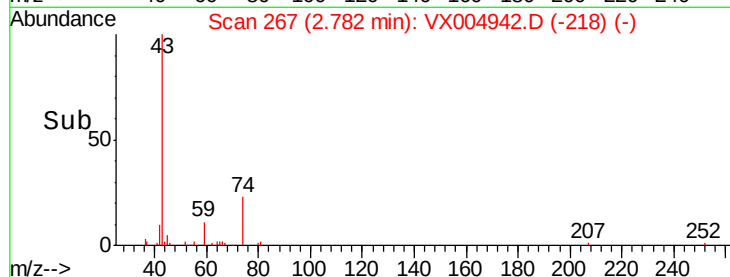
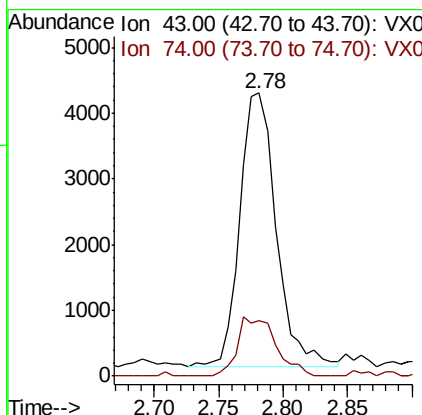
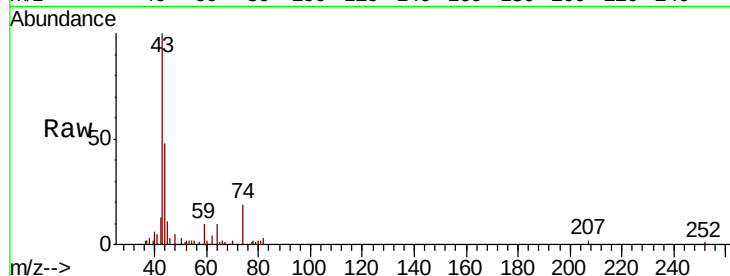




#18
Methvl Acetate
Concen: 1.819 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX004942.D
Acq: 03 Oct 2018 01:43

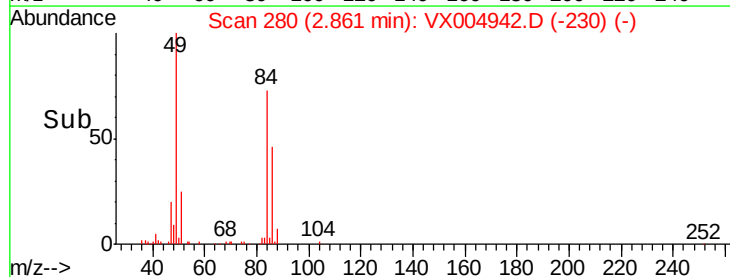
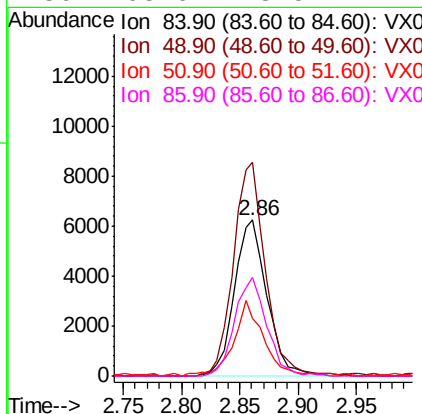
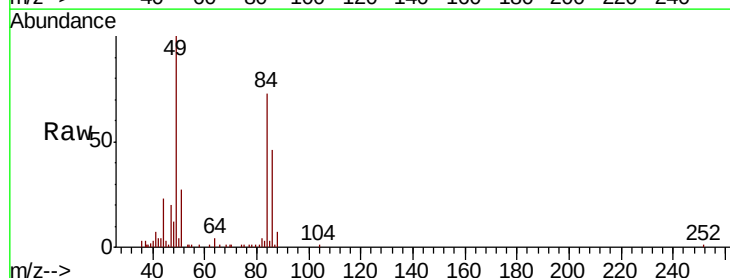
Instrument :
MSVOA_X
ClientSampleId :
KR-RO-VNJ-221

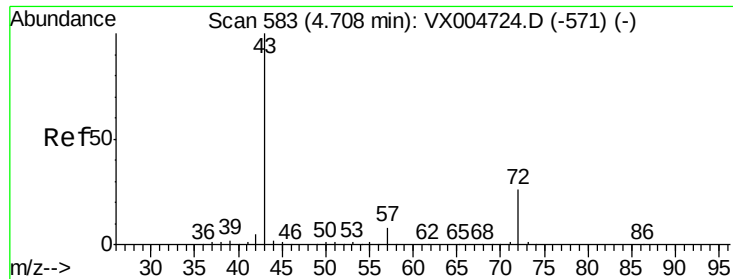
Tot Ion: 43 Resp: 8102
Ion Ratio Lower Upper
43 100
74 22.8 17.8 26.8



#20
Methylene Chloride
Concen: 3.987 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004942.D
Acq: 03 Oct 2018 01:43

Tgt Ion: 84 Resp: 12162
Ion Ratio Lower Upper
84 100
49 137.3 92.3 138.5
51 35.9 31.8 47.6
86 63.6 48.5 72.7

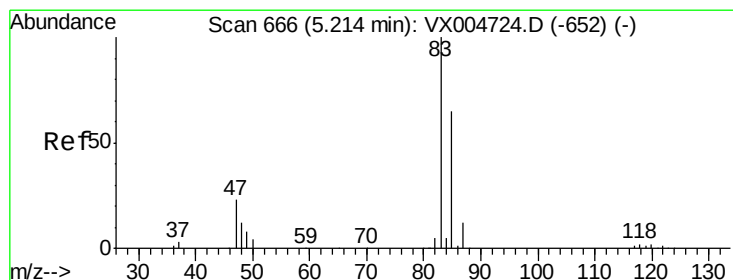
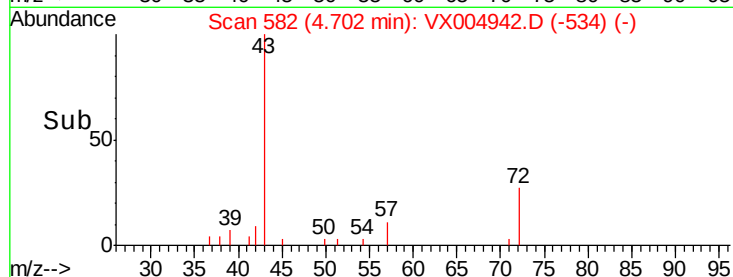
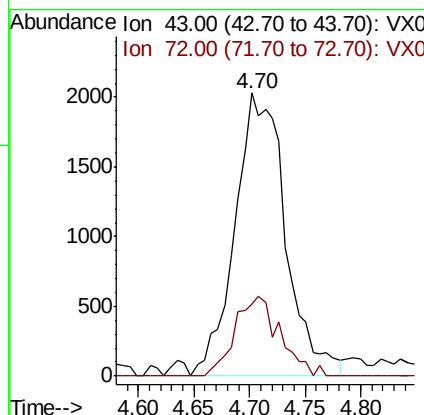
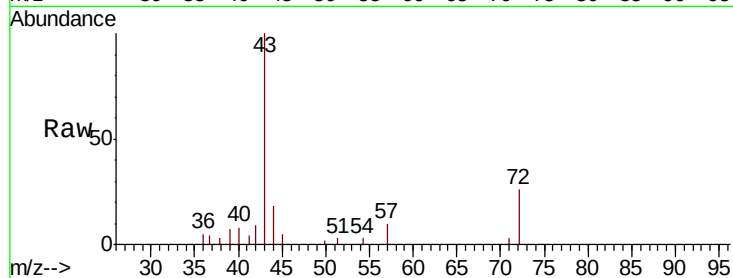




#25
2-Butanone
Concen: 2.484 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX004942.D
Acq: 03 Oct 2018 01:43

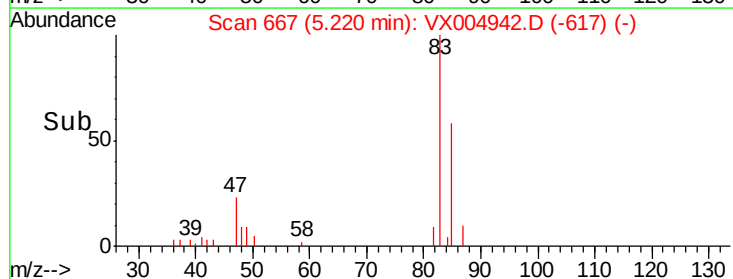
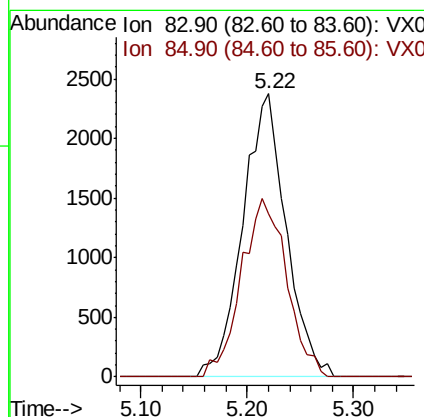
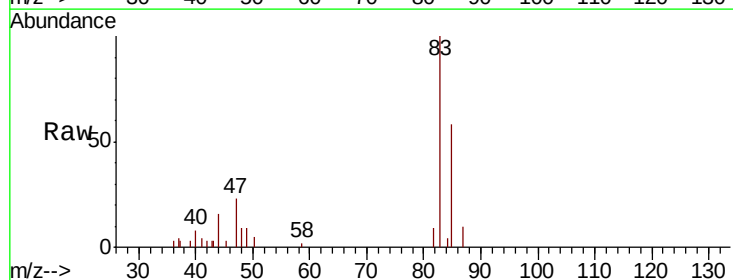
Instrument :
MSVOA_X
ClientSampleId :
KR-RO-VNJ-221

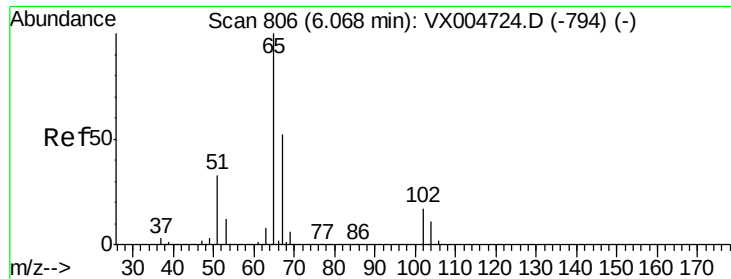
Tot Ion: 43 Resp: 6436
Ion Ratio Lower Upper
43 100
72 25.6 20.8 31.2



#30
Chloroform
Concen: 1.436 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX004942.D
Acq: 03 Oct 2018 01:43

Tgt Ion: 83 Resp: 6793
Ion Ratio Lower Upper
83 100
85 57.5 52.4 78.6

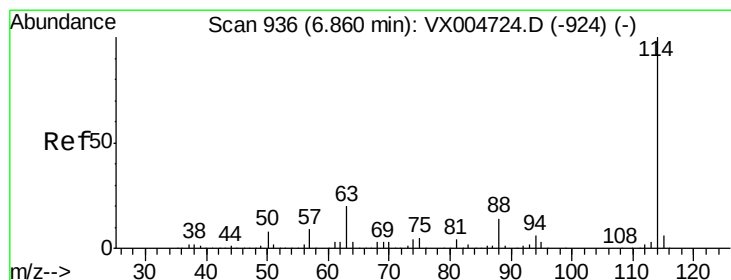
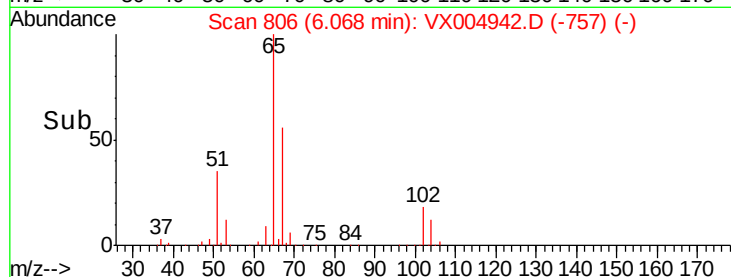
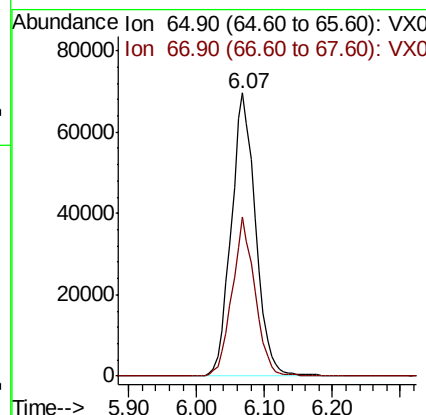
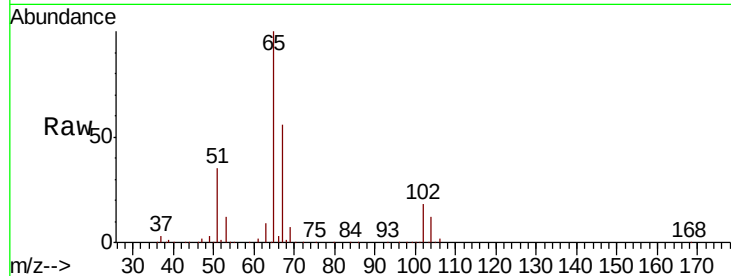




#33
 1,2-Dichloroethane-d4
 Concen: 57.452 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004942.D
 Acq: 03 Oct 2018 01:43

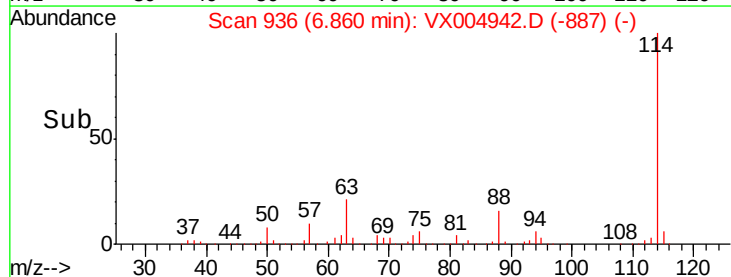
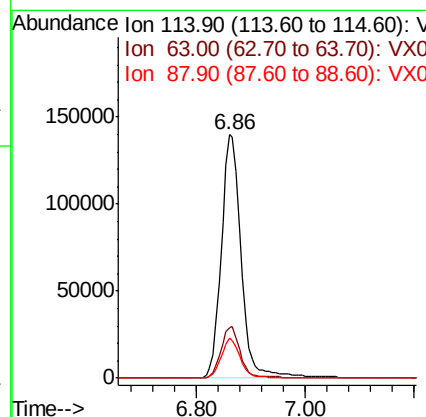
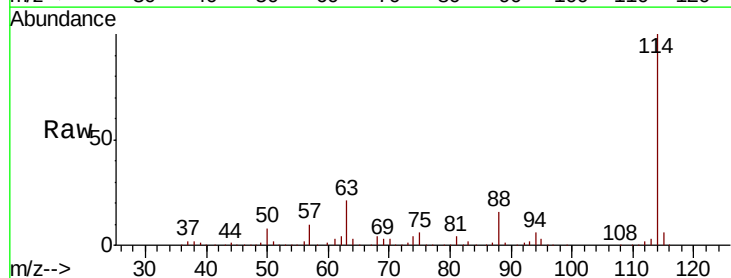
Instrument :
 MSVOA_X
 ClientSampleId :
 KR-RO-VNJ-221

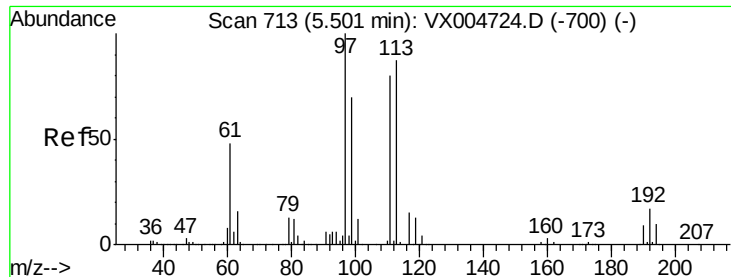
Tot Ion: 65 Resp: 172954
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004942.D
 Acq: 03 Oct 2018 01:43

Tgt Ion: 114 Resp: 355015
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.8
 88 16.2 0.0 27.0





#35

Dibromofluoromethane

Concen: 47.522 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004942.D

Acq: 03 Oct 2018 01:43

Instrument :

MSVOA_X

ClientSampleId :

KR-RO-VNJ-221

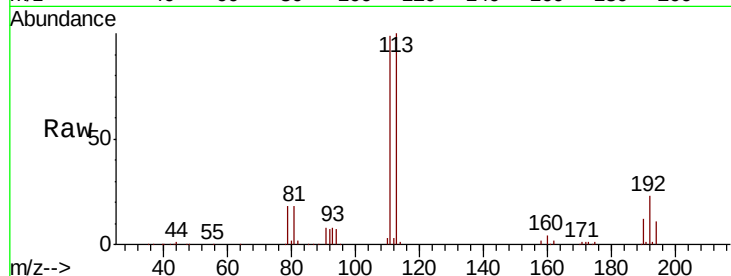
Tot Ion:113 Resp: 142984

Ion Ratio Lower Upper

113 100

111 106.5 77.0 115.4

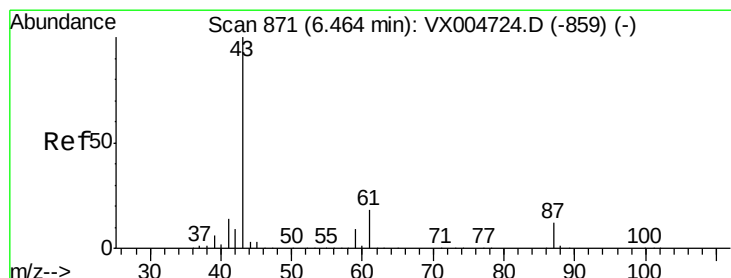
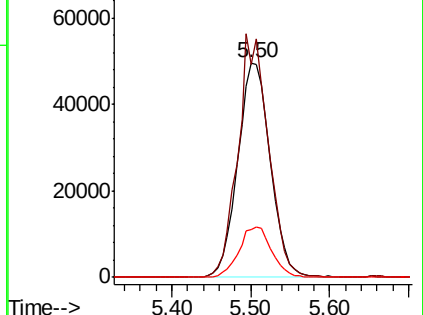
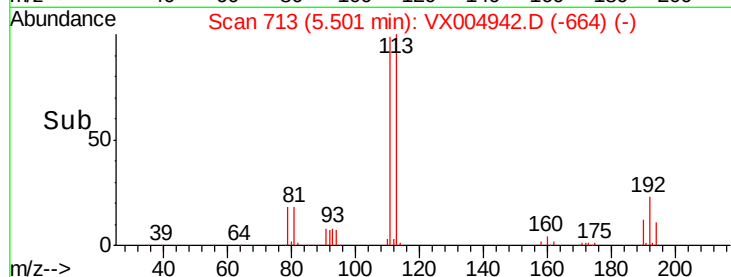
192 23.6 17.0 25.6



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



#43

Isopropyl Acetate

Concen: 12.608 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX004942.D

Acq: 03 Oct 2018 01:43

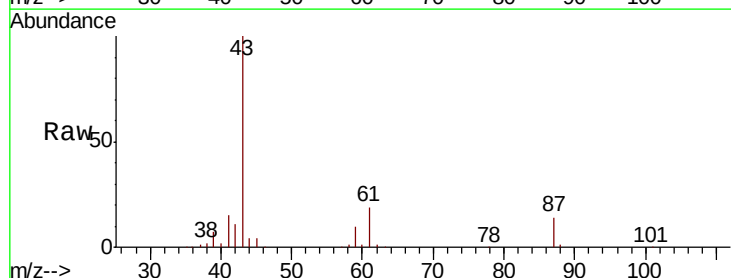
Tgt Ion: 43 Resp: 99164

Ion Ratio Lower Upper

43 100

61 19.6 14.2 21.4

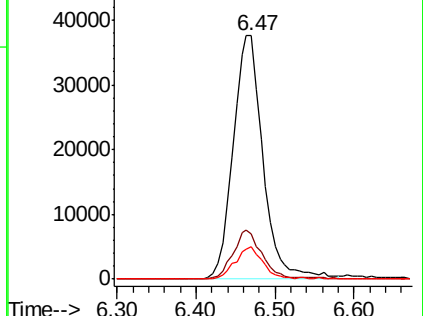
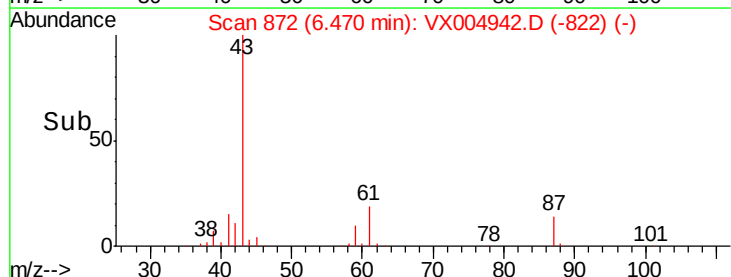
87 12.2 9.3 13.9

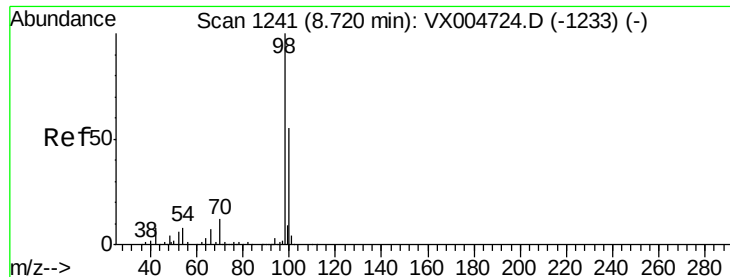


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

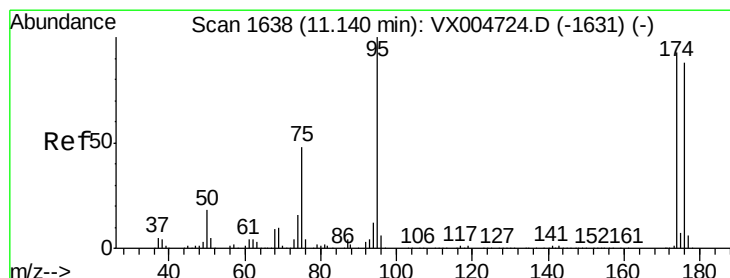
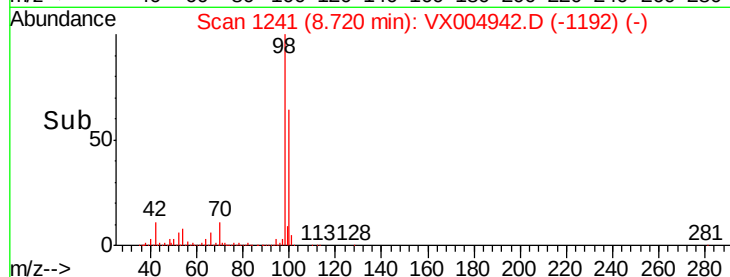
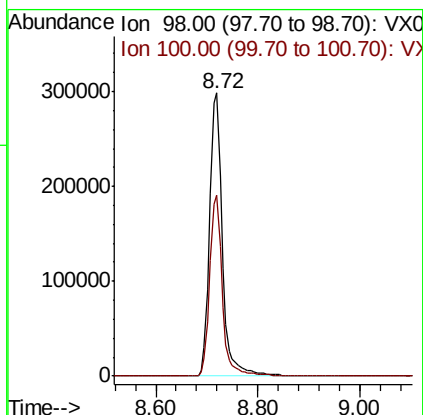
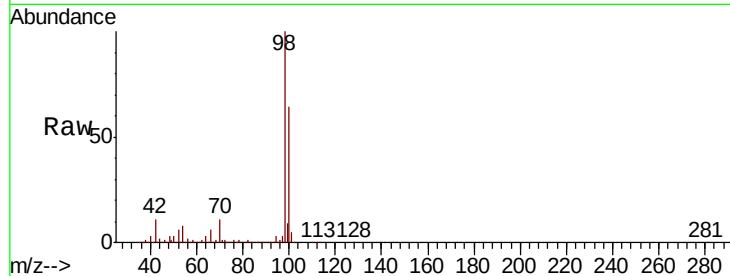




#50
Toluene-d8
Concen: 51.694 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004942.D
Acq: 03 Oct 2018 01:43

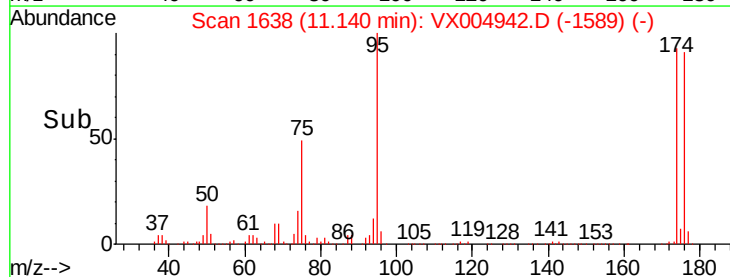
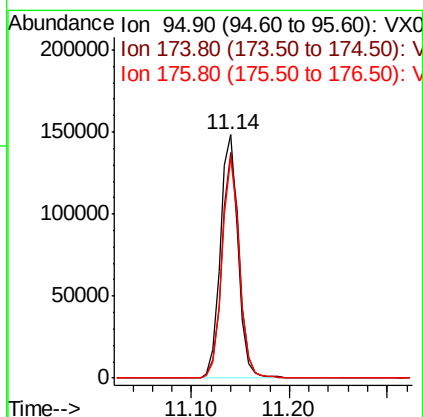
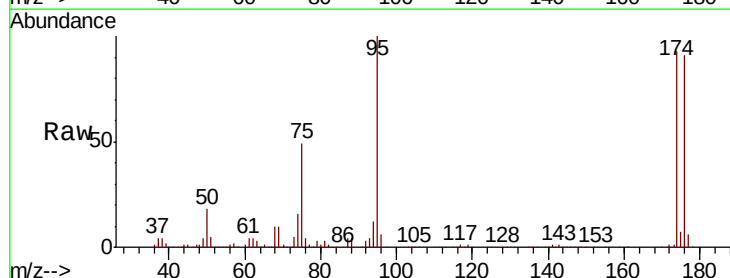
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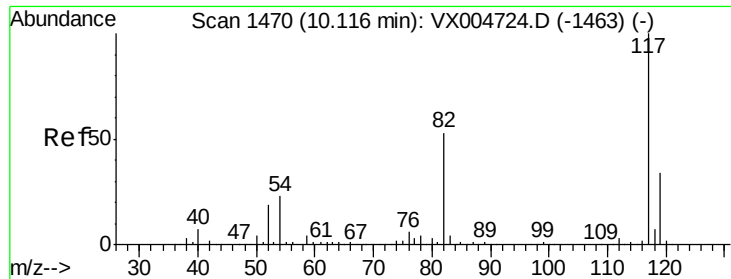
Tot Ion: 98 Resp: 517077
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.721 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004942.D
Acq: 03 Oct 2018 01:43

Tgt Ion: 95 Resp: 186380
Ion Ratio Lower Upper
95 100
174 91.8 0.0 185.0
176 88.6 0.0 180.2

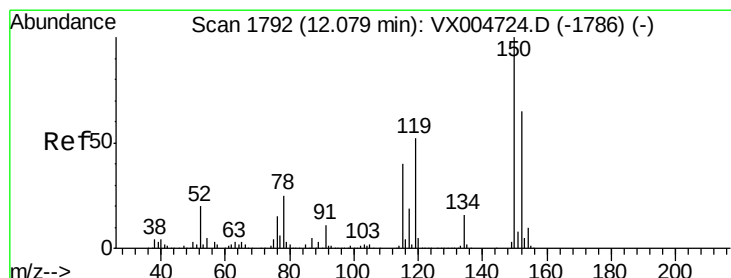
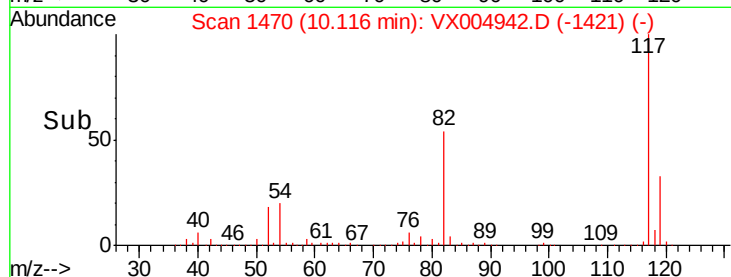
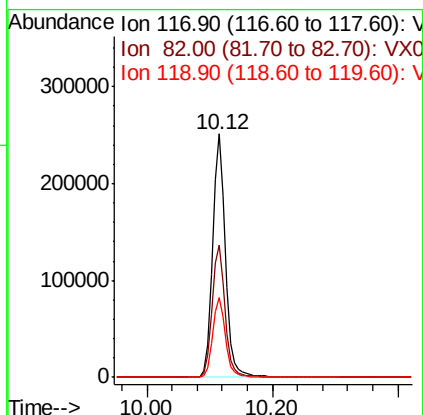
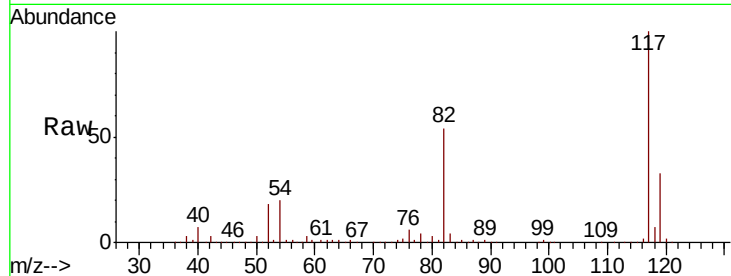




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004942.D
Acq: 03 Oct 2018 01:43

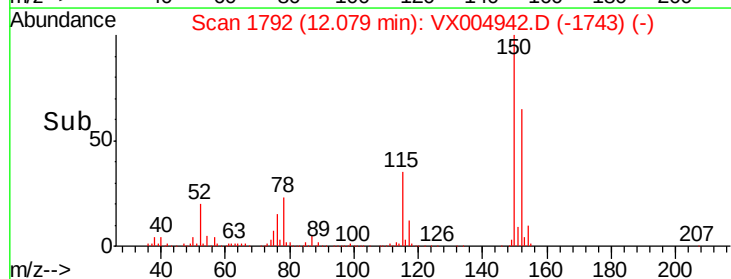
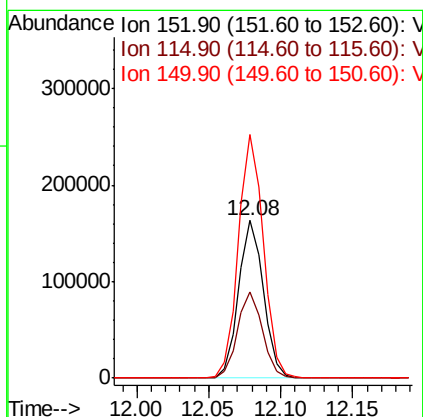
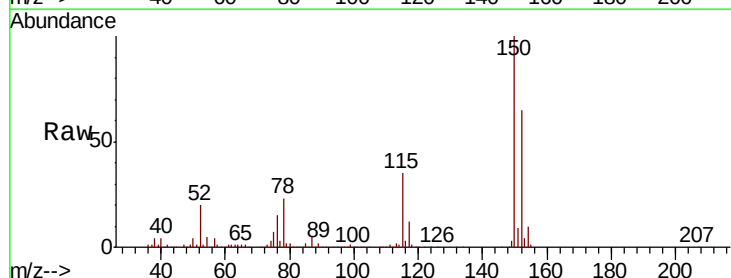
Instrument :
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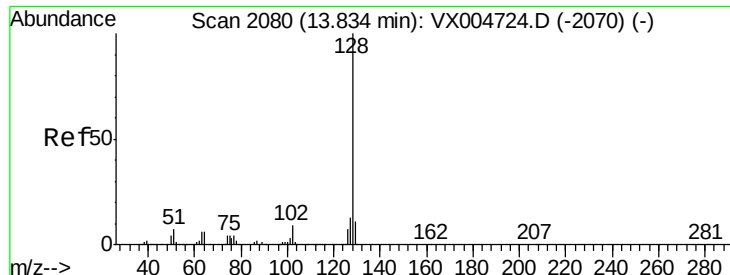
Tot Ion:117 Resp: 354016
Ion Ratio Lower Upper
117 100
82 54.2 42.2 63.4
119 32.8 27.4 41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004942.D
Acq: 03 Oct 2018 01:43

Tgt Ion:152 Resp: 196331
Ion Ratio Lower Upper
152 100
115 55.3 40.2 120.6
150 155.6 0.0 351.0





#95
Naphthalene
Concen: 1.632 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004942.D
Acq: 03 Oct 2018 01:43

Instrument :
MSVOA_X
ClientSampleId :
KR-RO-VNJ-221

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	10.8	8.7	13.1

