

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031619\
 Data File : VX008144.D
 Acq On : 16 Mar 2019 16:41
 Operator : JC/SP
 Sample : K1685-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AU-05-031419-A

Quant Time: Mar 18 02:06:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	304984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	415386	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	358423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	164927	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	136354	44.32	ug/l	0.00
Spiked Amount			Recovery	=	88.64%	
35) Dibromofluoromethane	5.50	113	125977	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	
50) Toluene-d8	8.71	98	479373	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	
62) 4-Bromofluorobenzene	11.13	95	157144	43.79	ug/l	0.00
Spiked Amount			Recovery	=	87.58%	

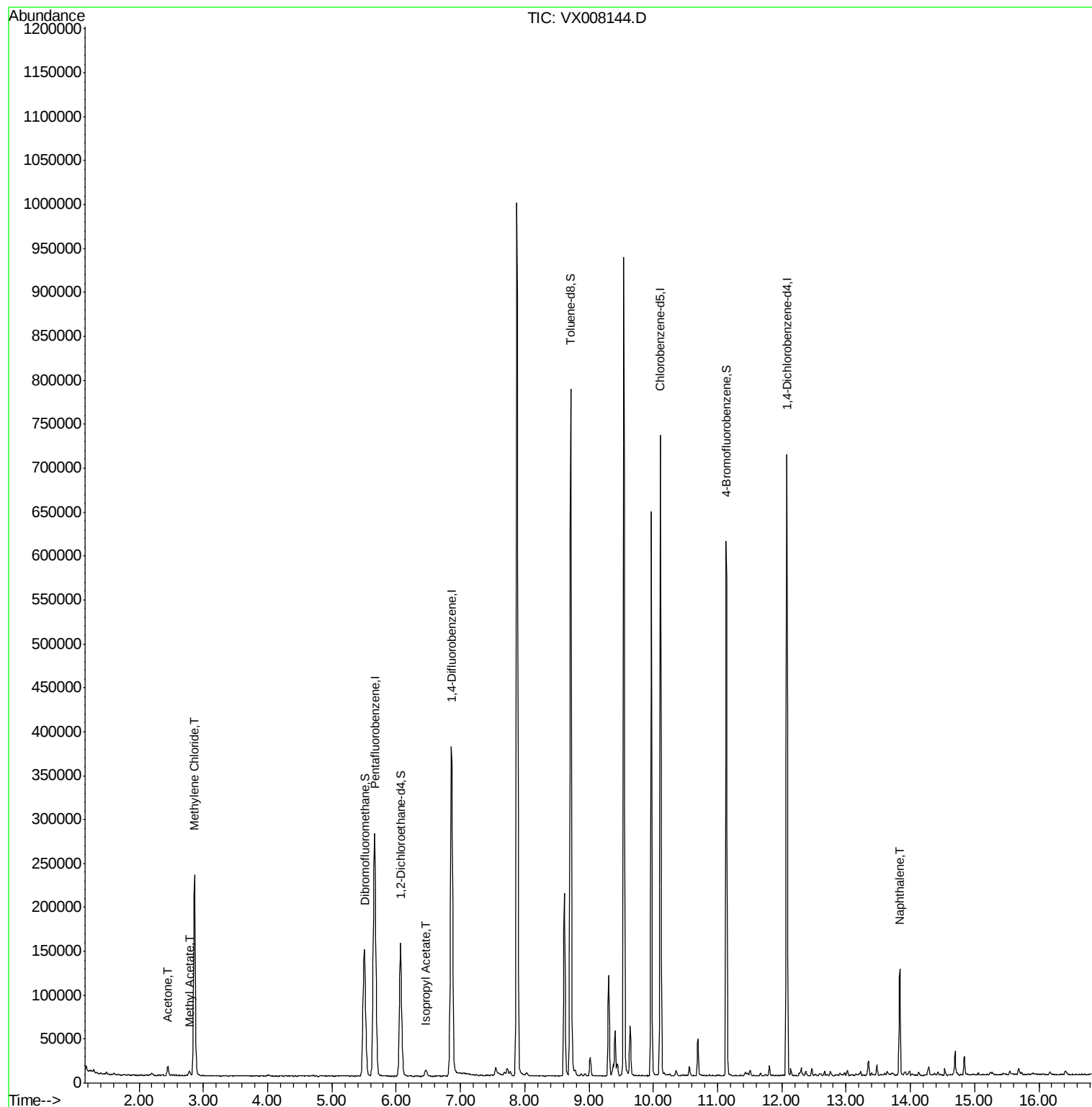
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	10908	7.510	ug/l	94
18) Methyl Acetate	2.78	43	6923	2.205	ug/l	94
20) Methylene Chloride	2.86	84	112786	43.479	ug/l	89
43) Isopropyl Acetate	6.46	43	8795	1.487	ug/l	97
95) Naphthalene	13.83	128	81157	8.003	ug/l	99

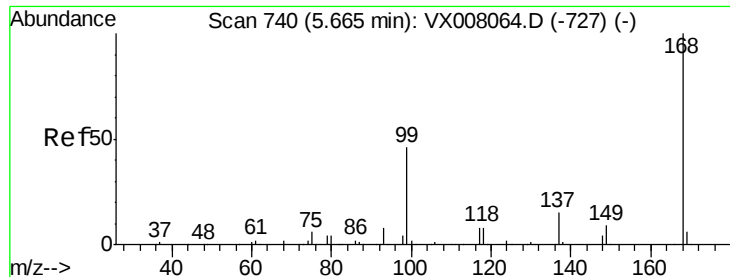
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008144.D

Acq: 16 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

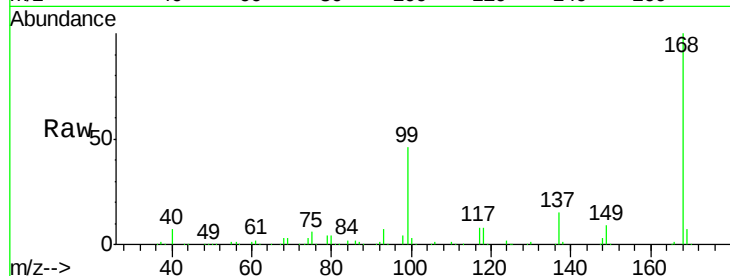
AU-05-031419-A

Tot Ion:168 Resp: 304984

Ion Ratio Lower Upper

168 100

99 46.0 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

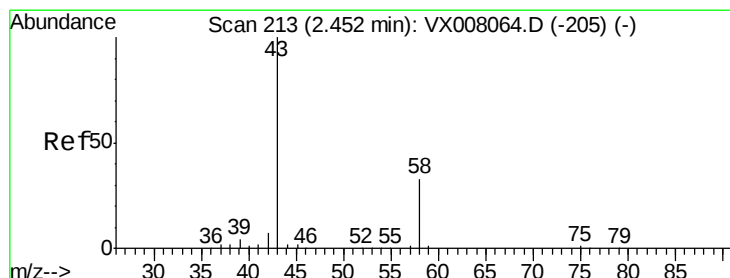
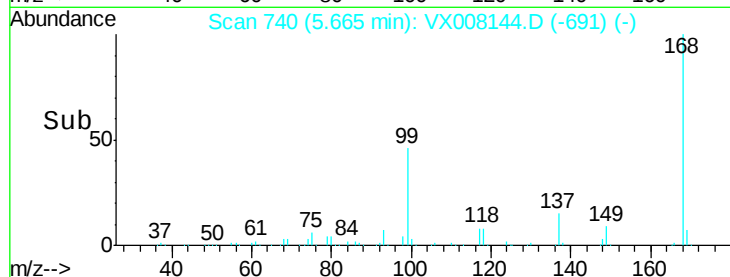
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.510 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008144.D

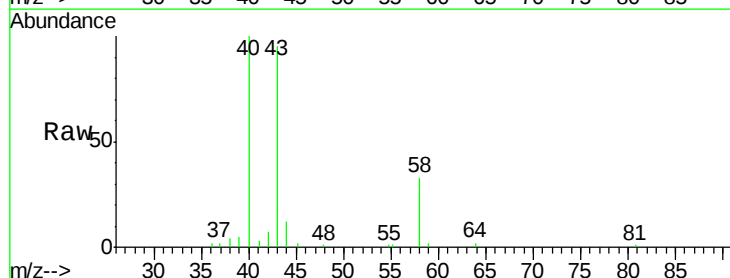
Acq: 16 Mar 2019 16:41

Tgt Ion: 43 Resp: 10908

Ion Ratio Lower Upper

43 100

58 35.4 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

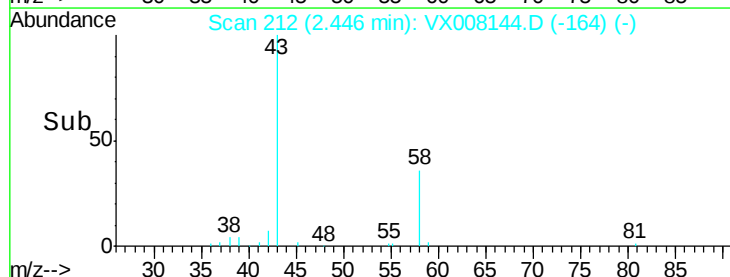
6000

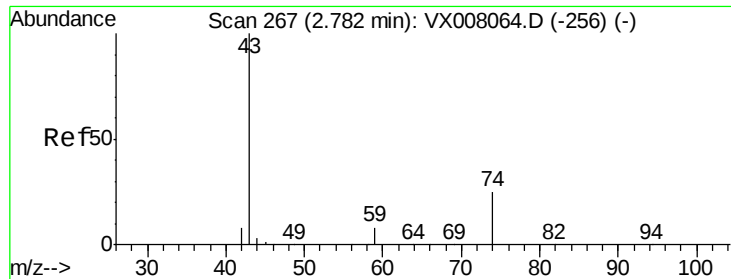
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

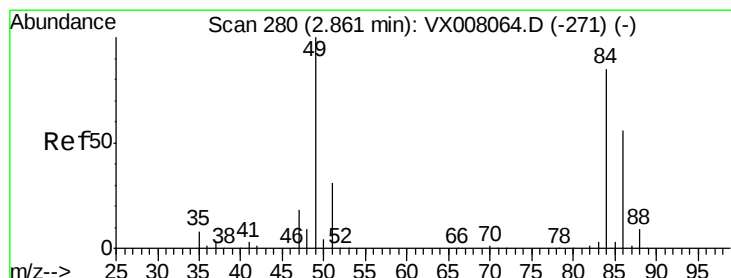
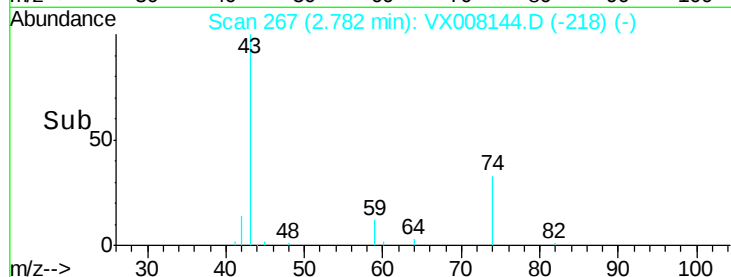
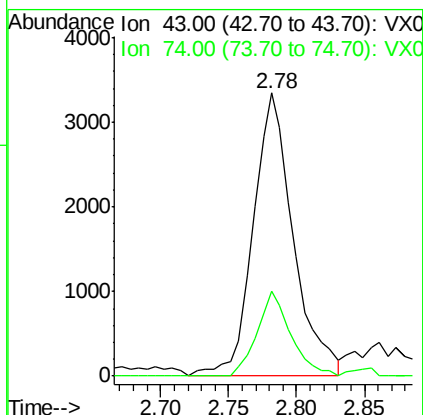
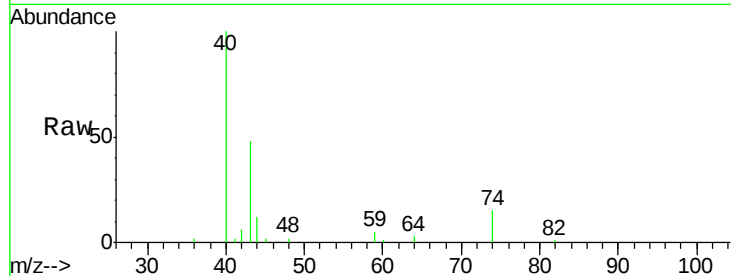




#18
Methyl Acetate
Concen: 2.205 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX008144.D
Acq: 16 Mar 2019 16:41

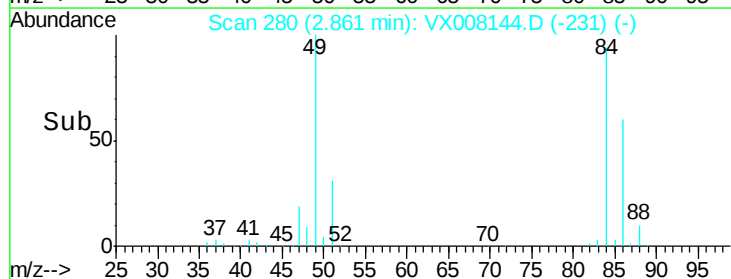
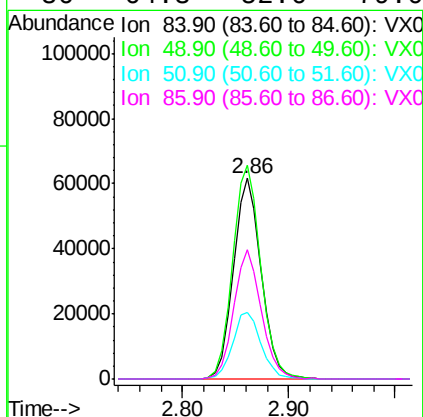
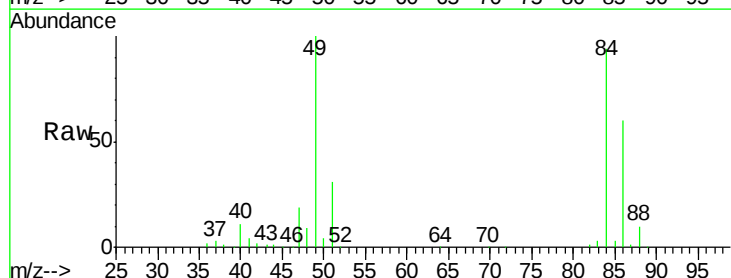
Instrument :
MSVOA_X
ClientSampled :
AU-05-031419-A

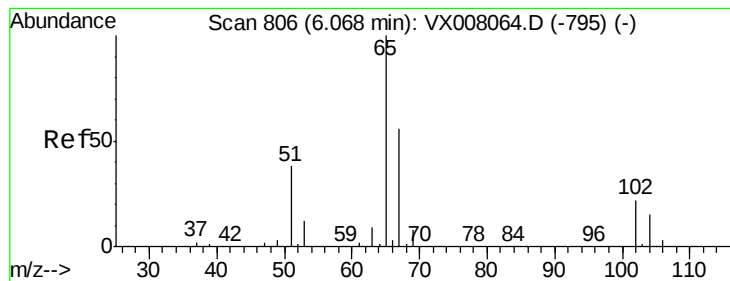
Tot Ion: 43 Resp: 6923
Ion Ratio Lower Upper
43 100
74 25.2 17.8 26.6



#20
Methylene Chloride
Concen: 43.479 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008144.D
Acq: 16 Mar 2019 16:41

Tgt Ion: 84 Resp: 112786
Ion Ratio Lower Upper
84 100
49 106.5 99.3 148.9
51 33.3 31.3 46.9
86 64.3 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 44.321 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008144.D

Acq: 16 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

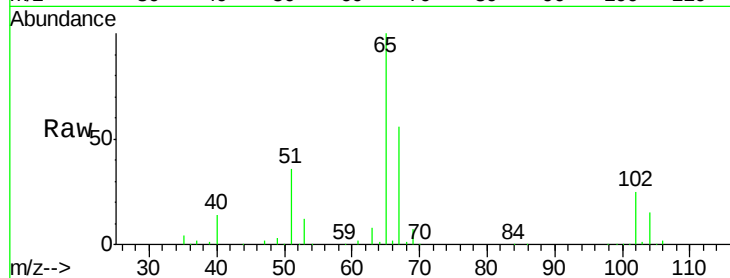
AU-05-031419-A

Tot Ion: 65 Resp: 136354

Ion Ratio Lower Upper

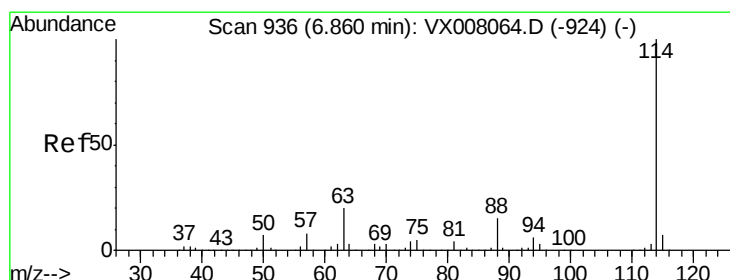
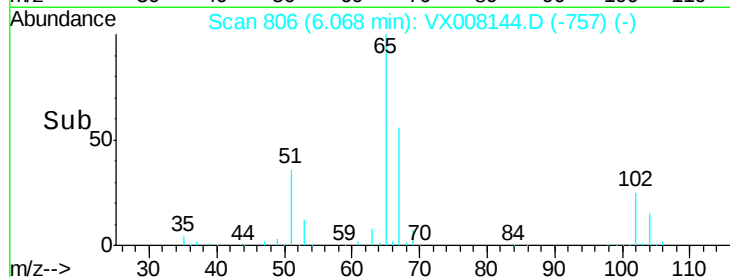
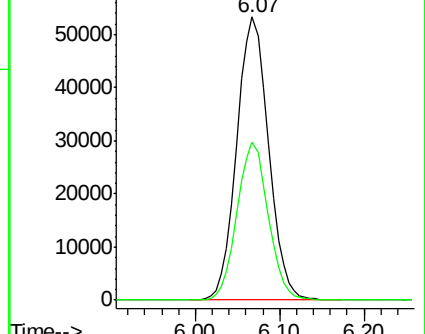
65 100

67 54.7 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008144.D

Acq: 16 Mar 2019 16:41

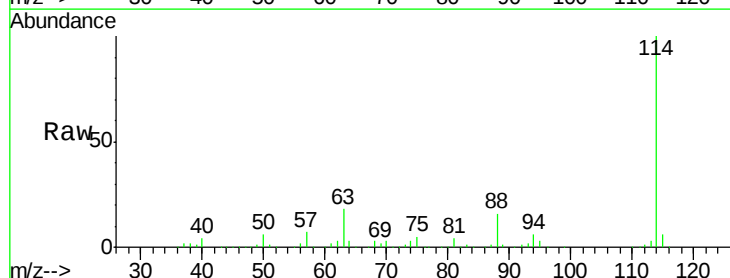
Tgt Ion: 114 Resp: 415386

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.8

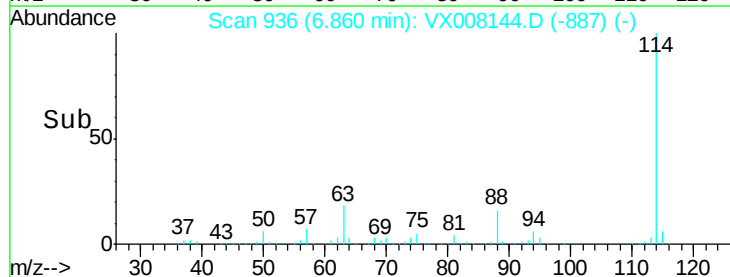
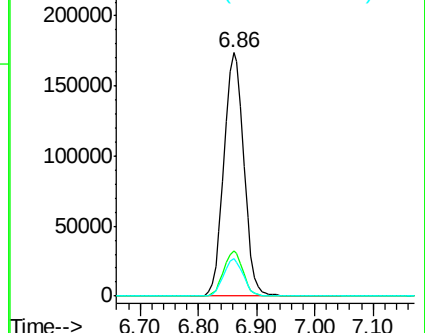
88 15.6 0.0 31.4

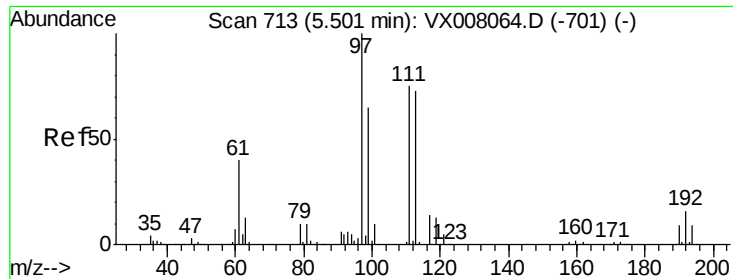


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

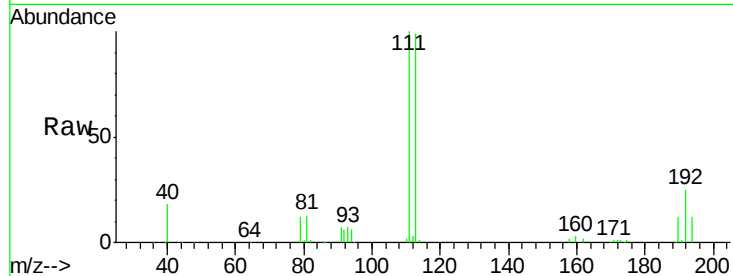




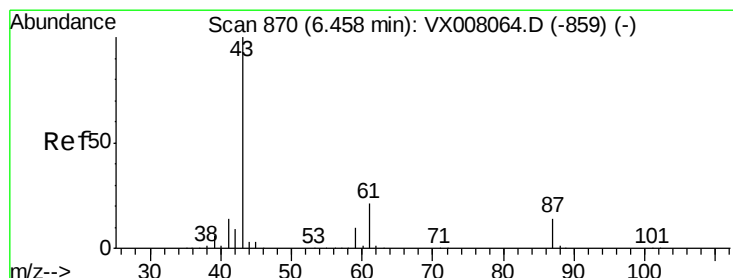
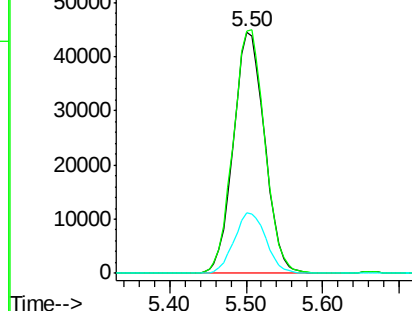
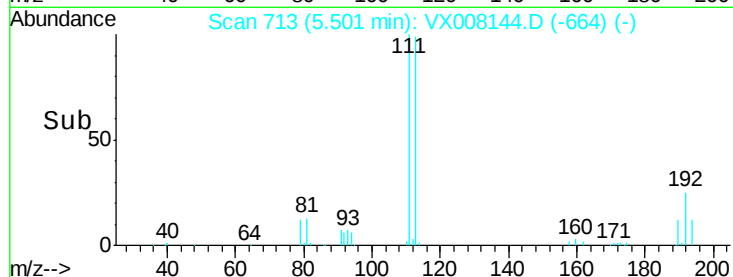
#35
 Dibromofluoromethane
 Concen: 47.825 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008144.D
 Acq: 16 Mar 2019 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 AU-05-031419-A

Tot Ion:113 Resp: 125977
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.0
 192 25.6 19.4 29.0

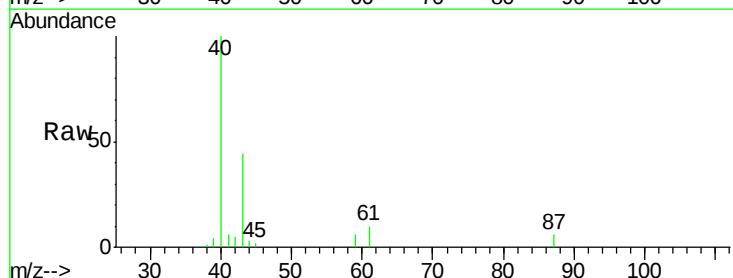


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

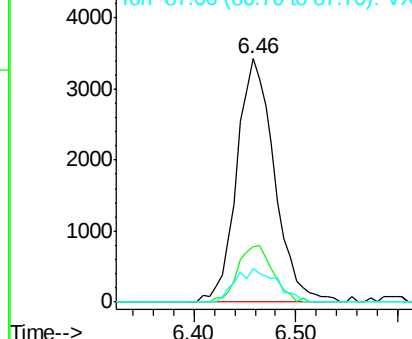
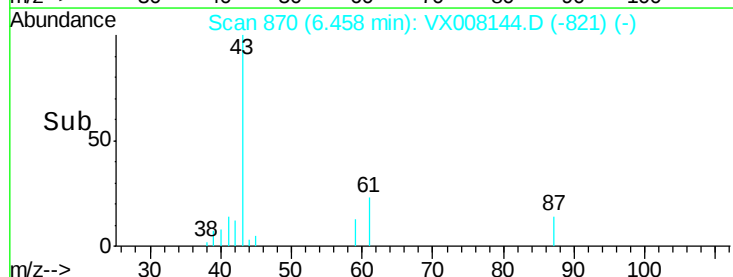


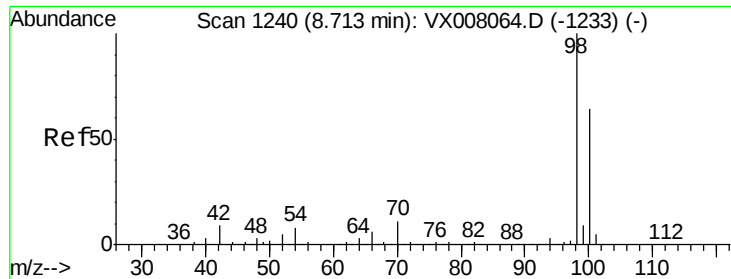
#43
 Isopropyl Acetate
 Concen: 1.487 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX008144.D
 Acq: 16 Mar 2019 16:41

Tgt Ion: 43 Resp: 8795
 Ion Ratio Lower Upper
 43 100
 61 21.5 16.3 24.5
 87 14.9 10.5 15.7



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

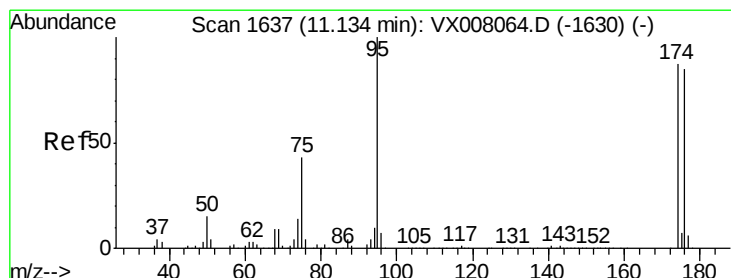
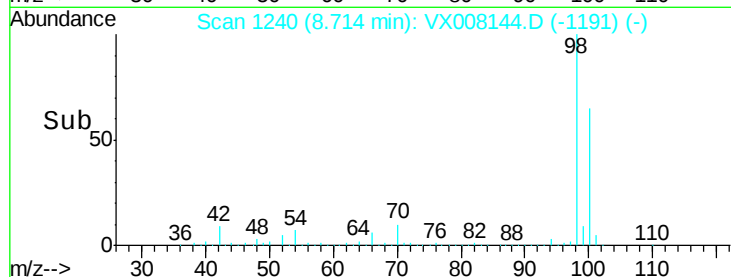
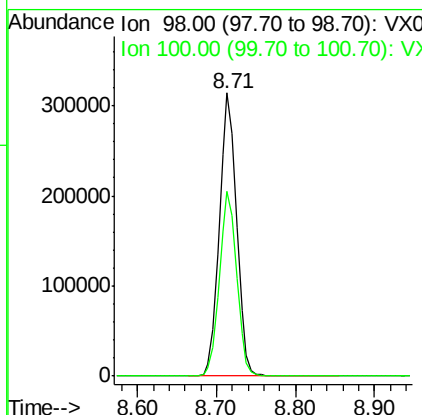
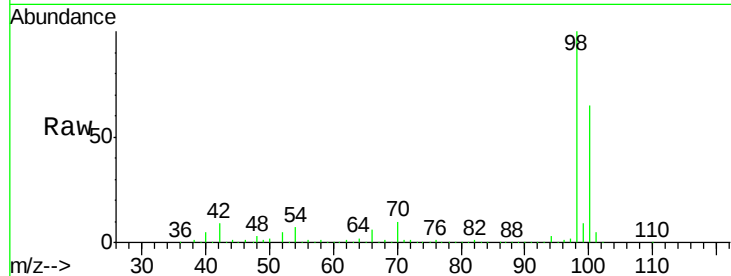




#50
Toluene-d8
Concen: 47.849 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008144.D
Acq: 16 Mar 2019 16:41

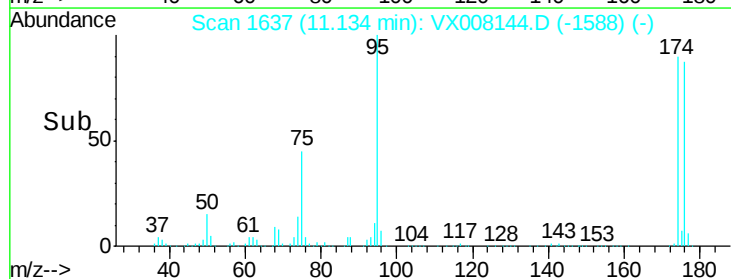
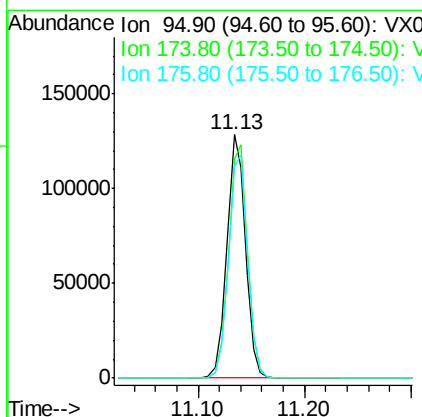
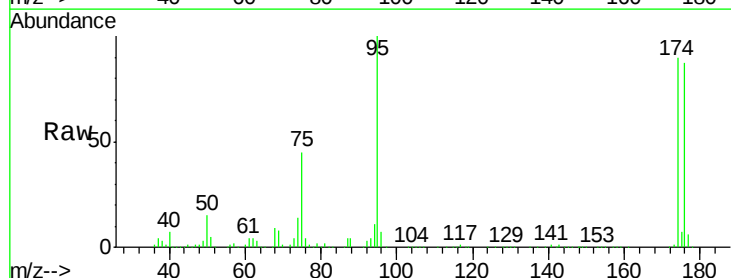
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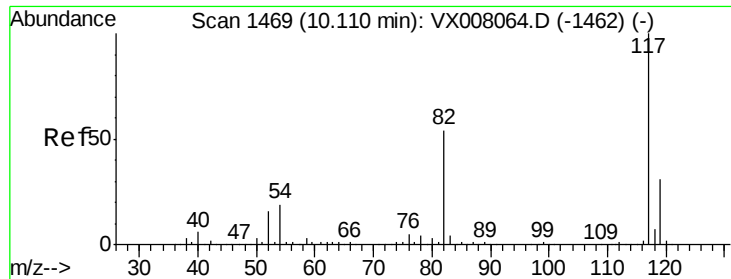
Tot Ion: 98 Resp: 479373
Ion Ratio Lower Upper
98 100
100 65.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.785 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008144.D
Acq: 16 Mar 2019 16:41

Tgt Ion: 95 Resp: 157144
Ion Ratio Lower Upper
95 100
174 97.9 0.0 182.8
176 94.0 0.0 178.0

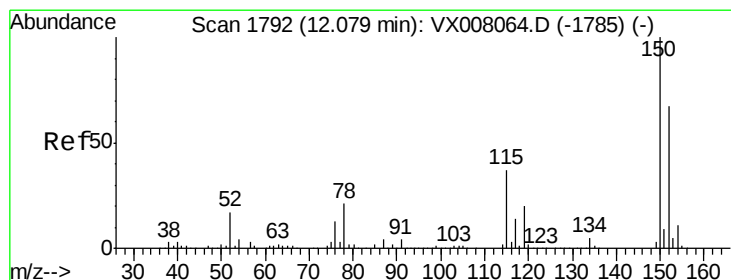
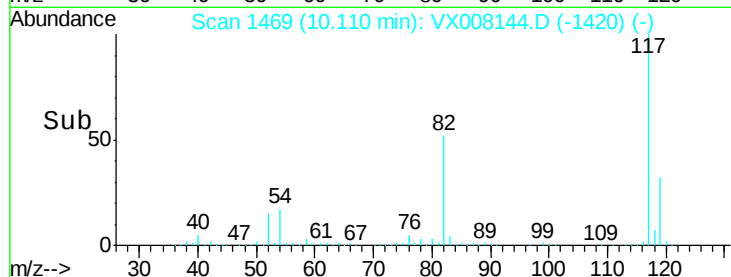
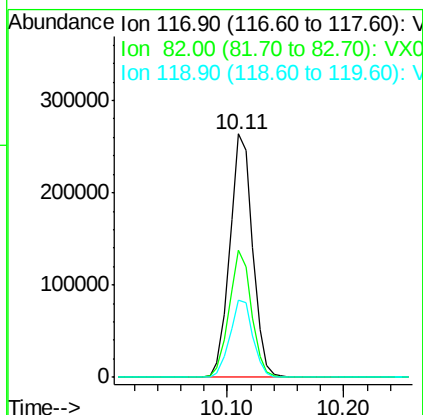
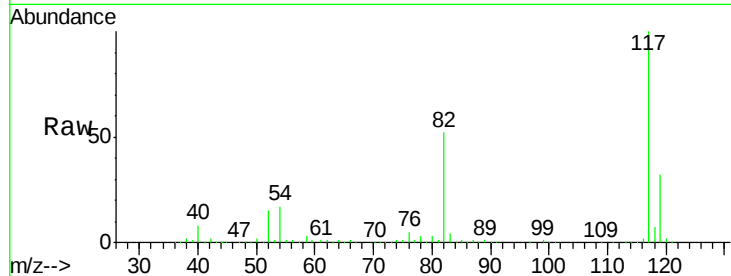




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008144.D
Acq: 16 Mar 2019 16:41

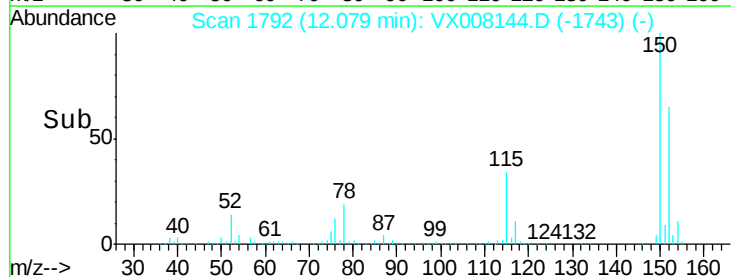
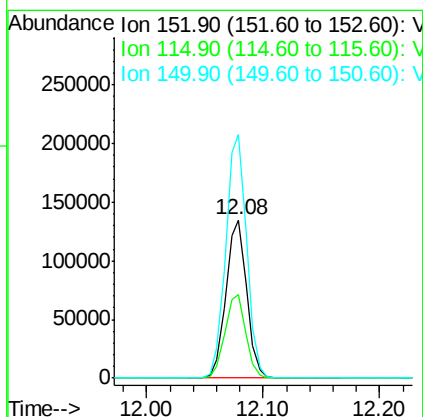
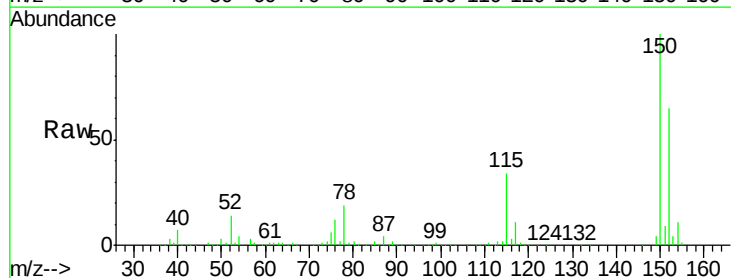
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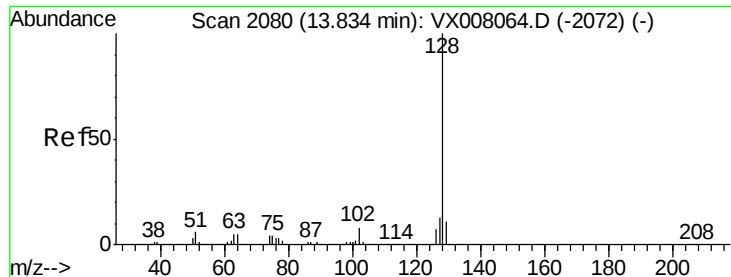
Tot Ion:117 Resp: 358423
Ion Ratio Lower Upper
117 100
82 52.0 44.3 66.5
119 32.0 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008144.D
Acq: 16 Mar 2019 16:41

Tgt Ion:152 Resp: 164927
Ion Ratio Lower Upper
152 100
115 53.3 38.6 115.7
150 156.1 0.0 348.4

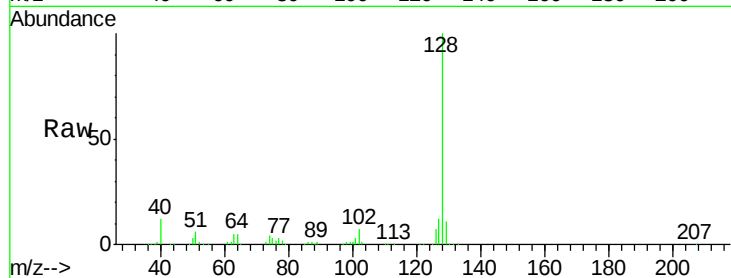




#95
Naphthalene
Concen: 8.003 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008144.D
Acq: 16 Mar 2019 16:41

Instrument :
MSVOA_X
ClientSampleId :
AU-05-031419-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.5	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

