

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080519\
 Data File : VX011328.D
 Acq On : 05 Aug 2019 16:03
 Operator : JC/SP
 Sample : K4129-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-E1-(30)

Quant Time: Aug 06 03:40:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

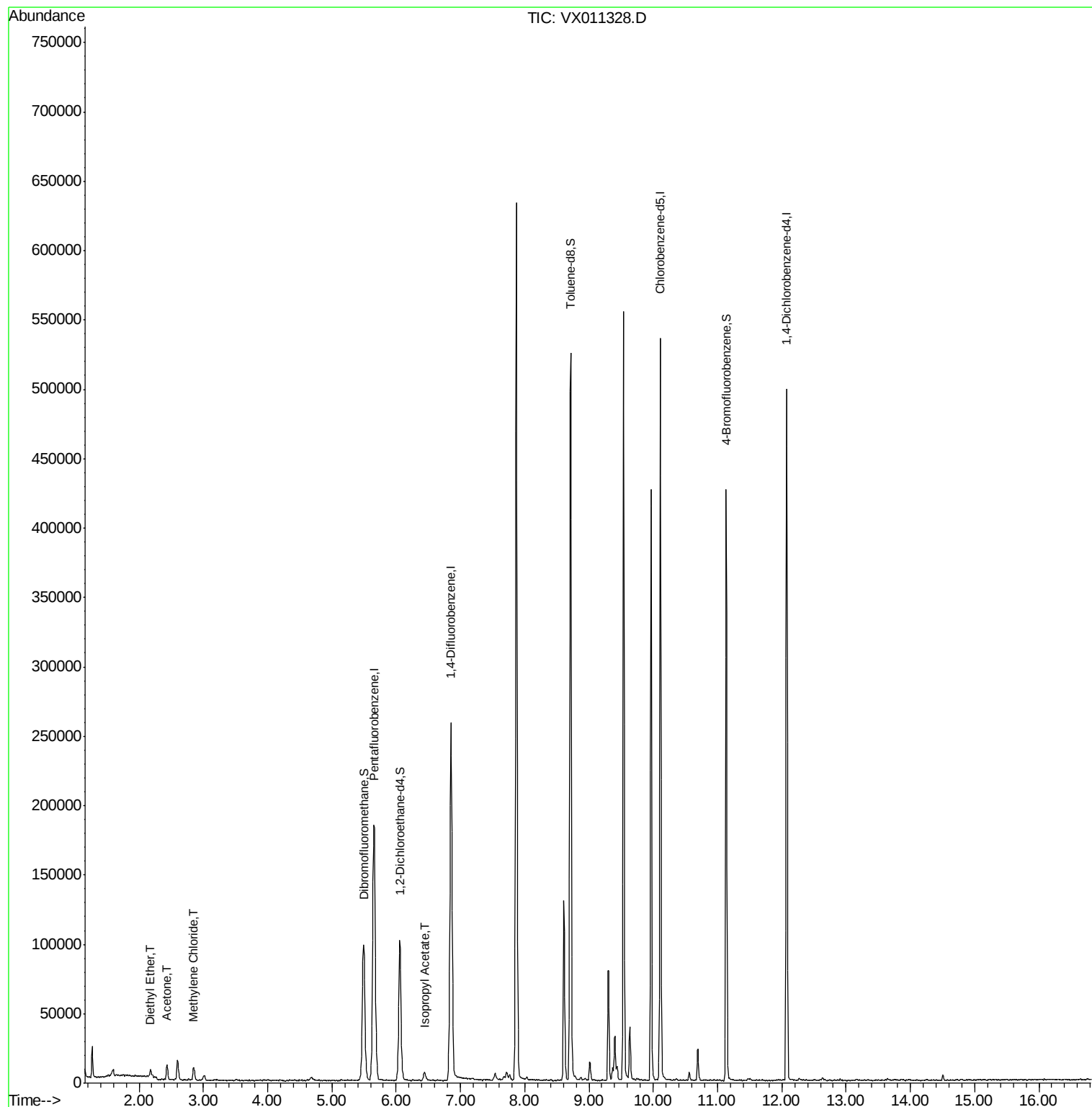
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	188996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	273464	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	109473	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	91559	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
35) Dibromofluoromethane	5.49	113	82272	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
50) Toluene-d8	8.71	98	324493	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	11.13	95	101762	42.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.58%	
Target Compounds						
8) Diethyl Ether	2.18	74	1987	1.736	ug/l	92
16) Acetone	2.43	43	10510	11.601	ug/l	98
20) Methylene Chloride	2.85	84	4667	2.352	ug/l	89
43) Isopropyl Acetate	6.45	43	8288	2.165	ug/l	96

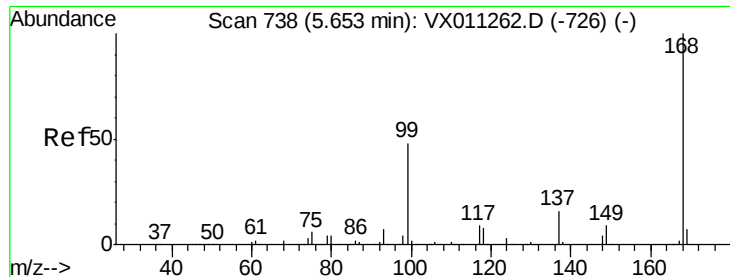
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011328.D

Acq: 05 Aug 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

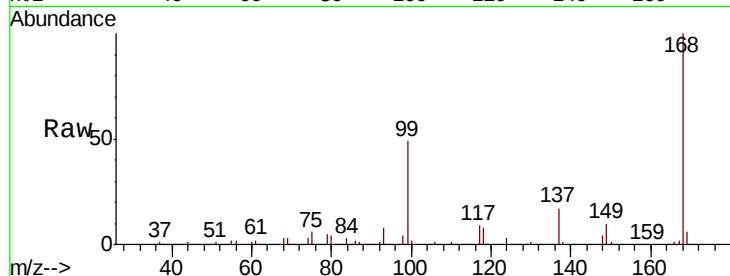
2S-E1-(30)

Tot Ion:168 Resp: 188996

Ion Ratio Lower Upper

168 100

99 48.7 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

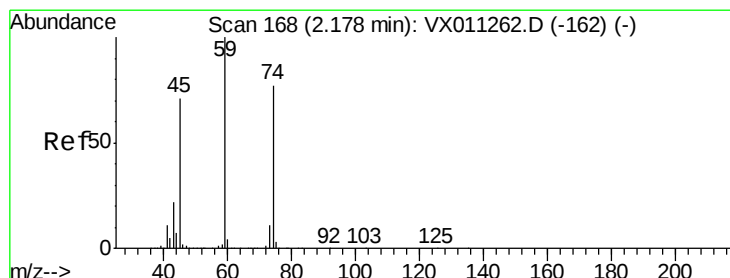
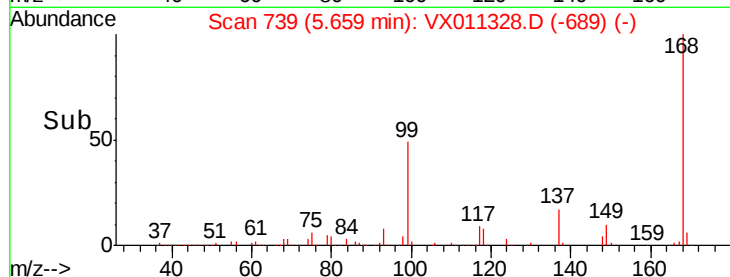
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 1.736 ug/l

RT: 2.18 min Scan# 168

Delta R.T. 0.00 min

Lab File: VX011328.D

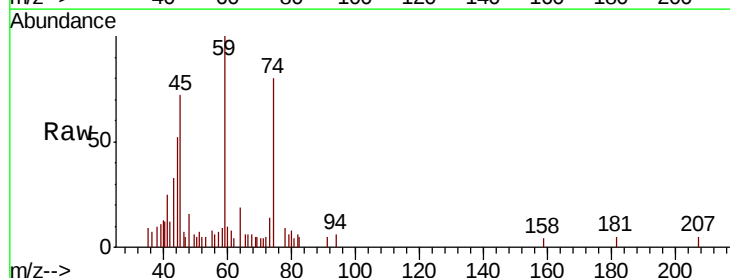
Acq: 05 Aug 2019 16:03

Tgt Ion: 74 Resp: 1987

Ion Ratio Lower Upper

74 100

45 84.5 46.1 138.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

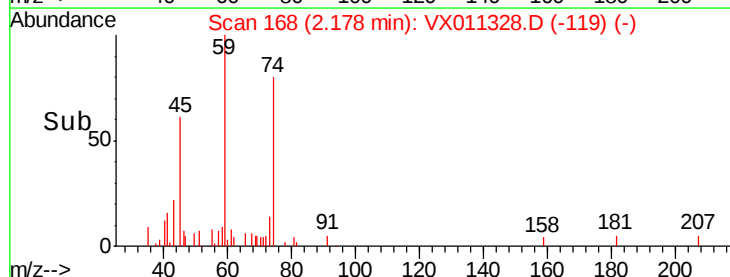
2.18

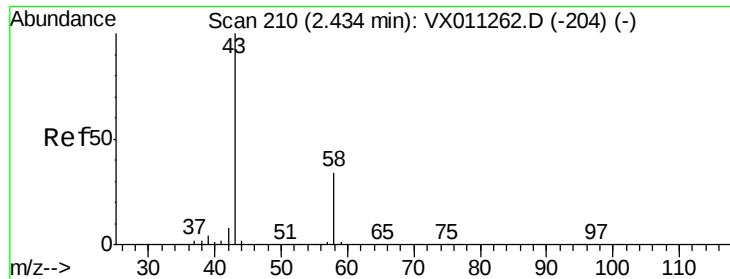
1000

500

0

Time--> 2.15 2.20





#16

Acetone

Concen: 11.601 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011328.D

Acq: 05 Aug 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

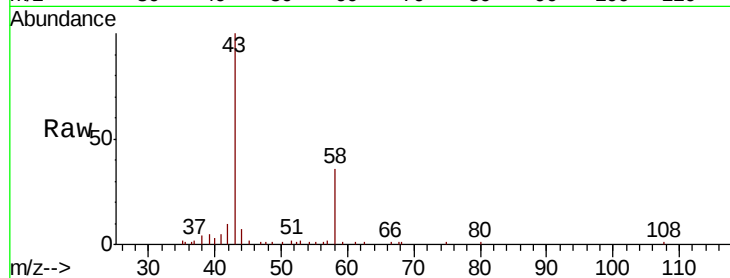
2S-E1-(30)

Tot Ion: 43 Resp: 10510

Ion Ratio Lower Upper

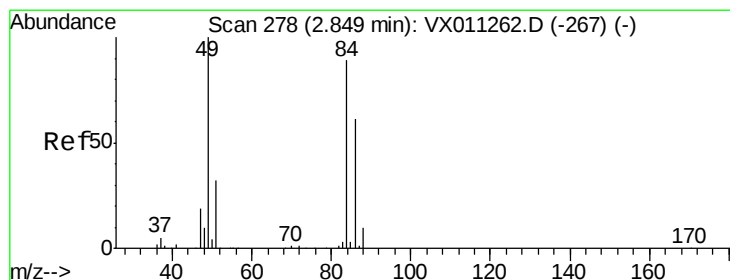
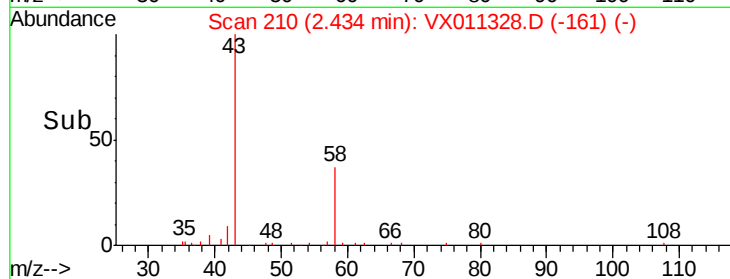
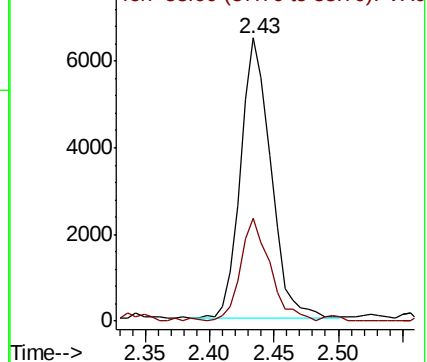
43 100

58 35.5 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 2.352 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011328.D

Acq: 05 Aug 2019 16:03

Tgt Ion: 84 Resp: 4667

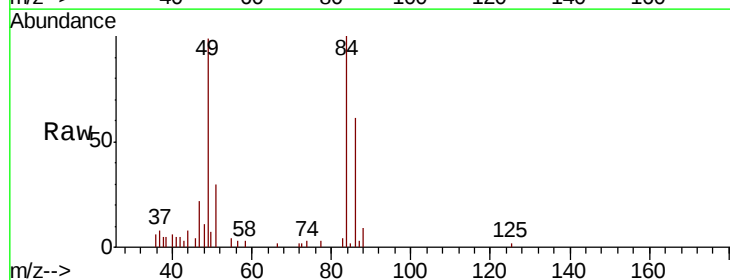
Ion Ratio Lower Upper

84 100

49 98.7 89.3 133.9

51 29.6 28.3 42.5

86 60.5 54.5 81.7

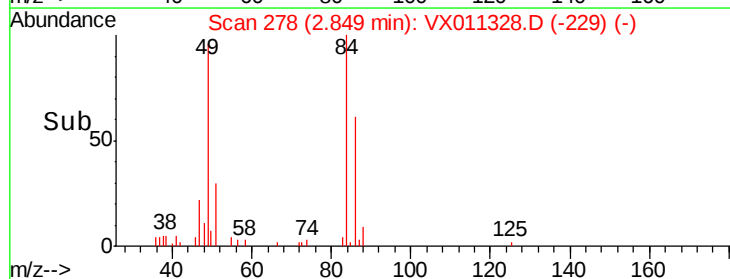
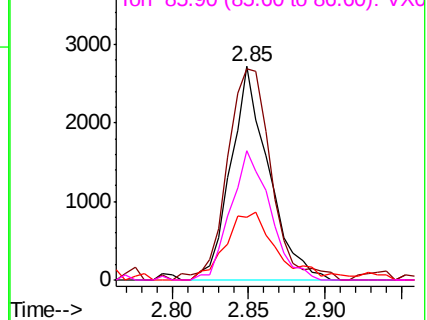


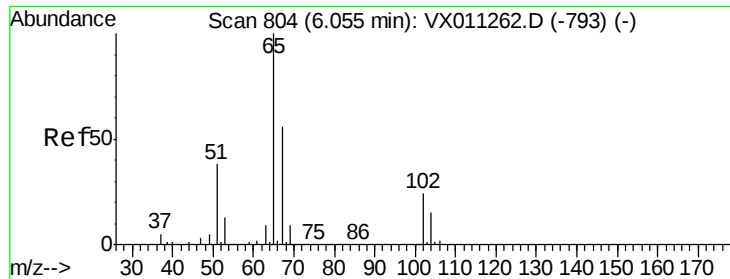
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.106 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011328.D

Acq: 05 Aug 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

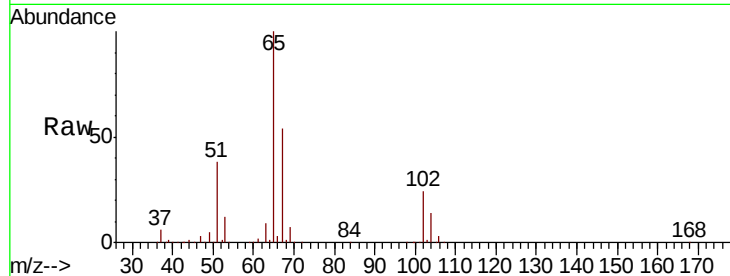
2S-E1-(30)

Tot Ion: 65 Resp: 91559

Ion Ratio Lower Upper

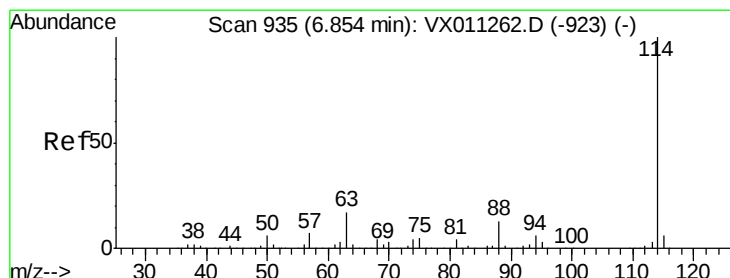
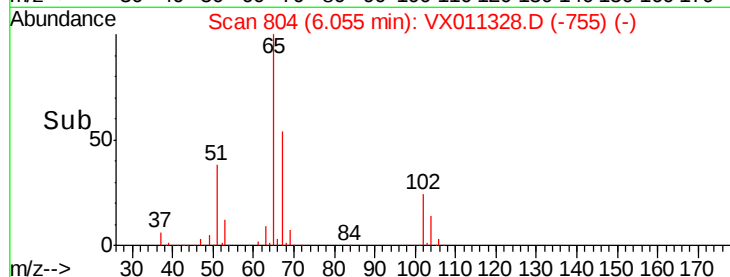
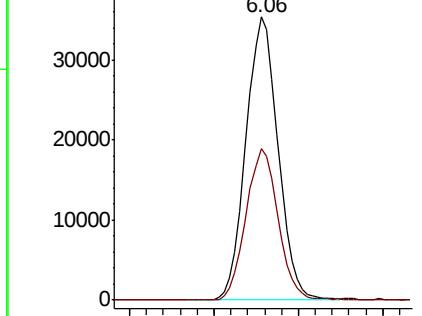
65 100

67 53.8 0.0 110.6



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: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011328.D

Acq: 05 Aug 2019 16:03

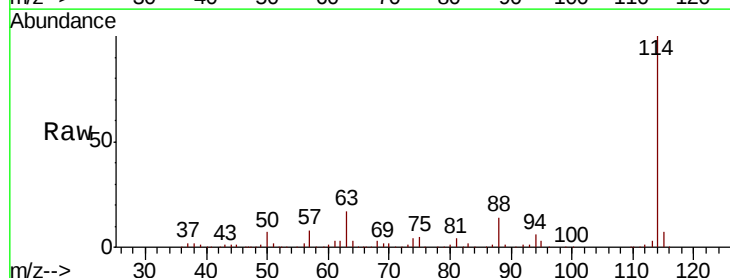
Tgt Ion: 114 Resp: 273464

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.0

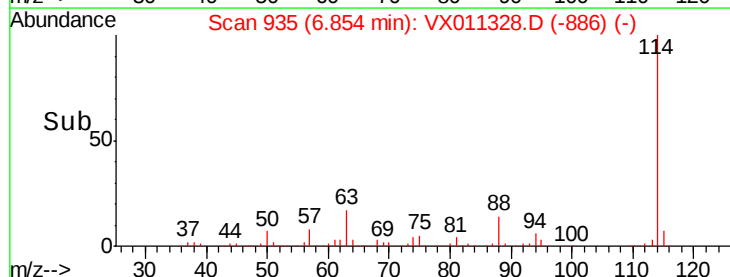
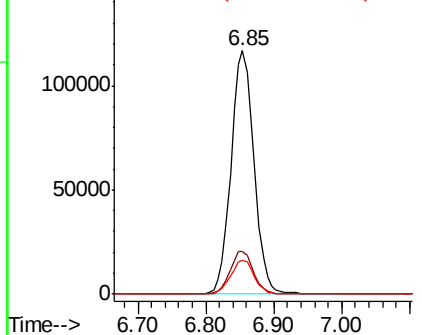
88 14.0 0.0 26.4

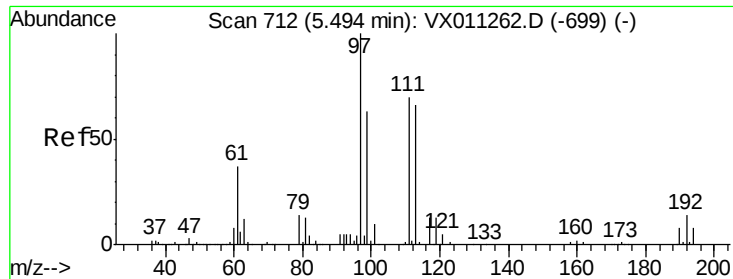


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

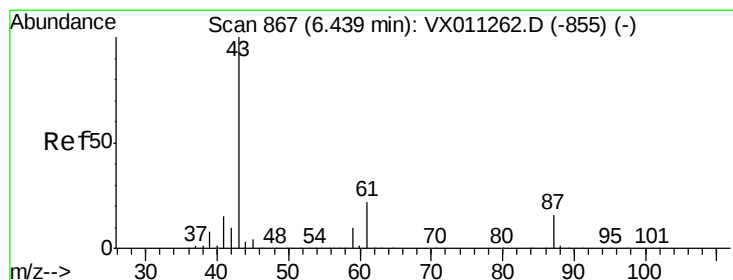
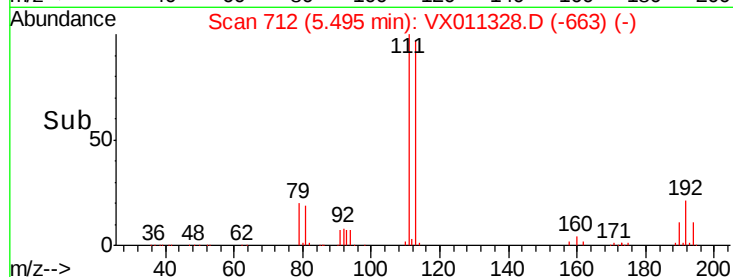
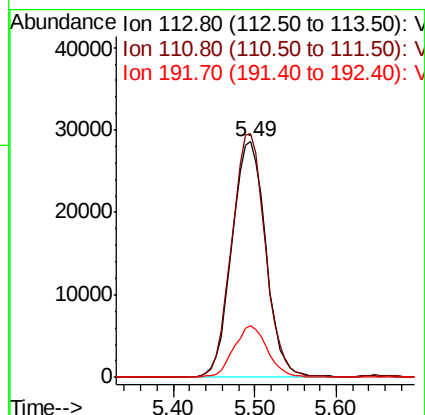
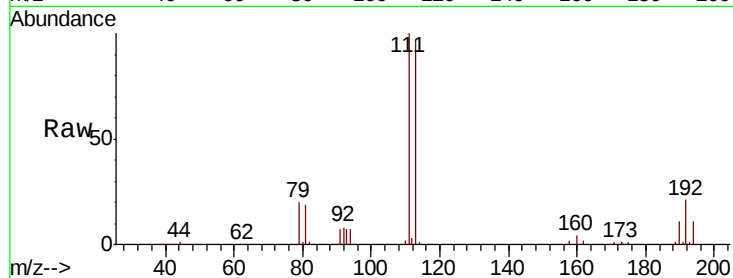




#35
 Dibromofluoromethane
 Concen: 46.081 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011328.D
 Acq: 05 Aug 2019 16:03

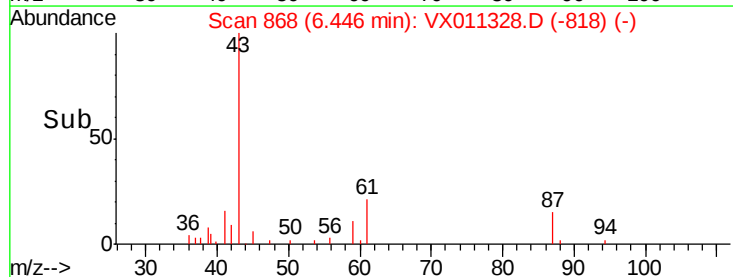
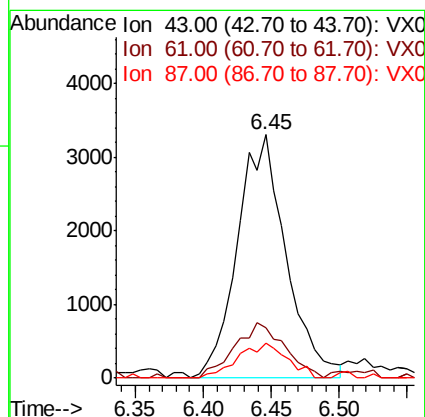
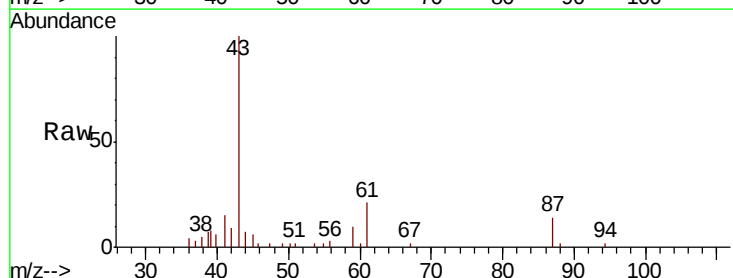
Instrument :
 MSVOA_X
 ClientSampleId :
 2S-E1-(30)

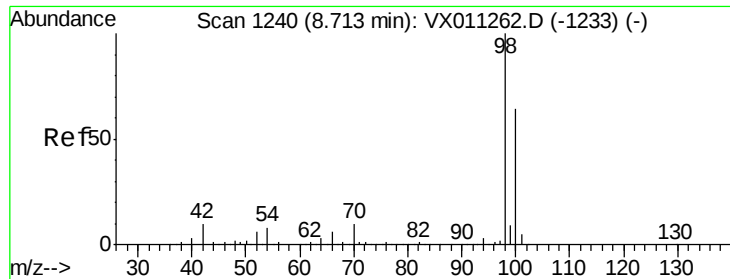
Tot Ion:113 Resp: 82272
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.9 122.9
 192 21.8 17.8 26.8



#43
 Isopropyl Acetate
 Concen: 2.165 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.01 min
 Lab File: VX011328.D
 Acq: 05 Aug 2019 16:03

Tgt Ion: 43 Resp: 8288
 Ion Ratio Lower Upper
 43 100
 61 23.3 16.5 24.7
 87 14.5 12.1 18.1

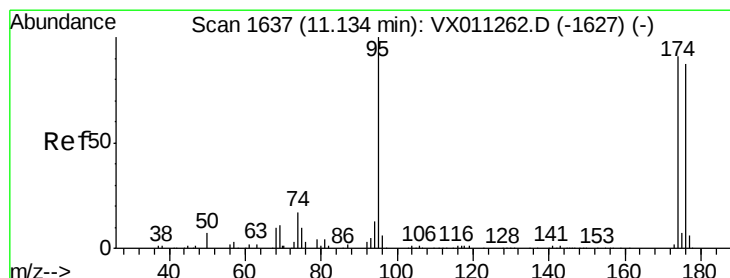
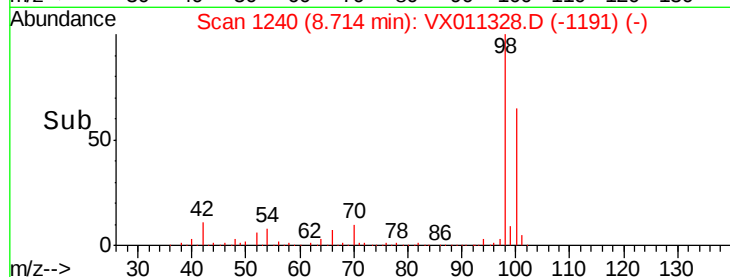
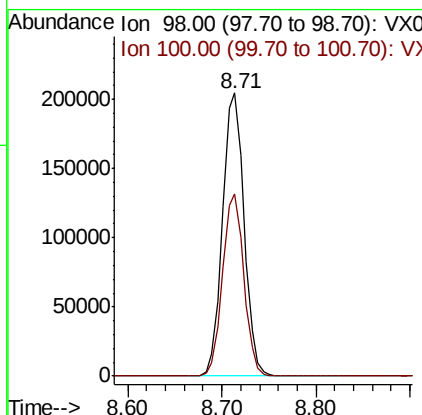
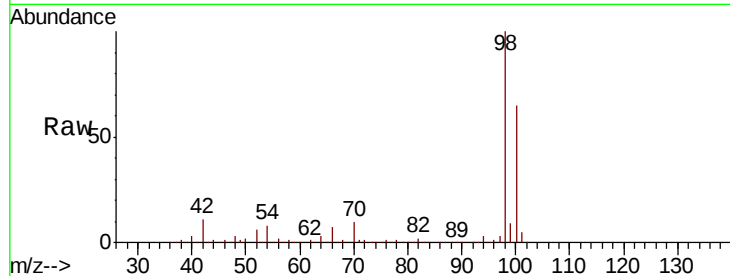




#50
Toluene-d8
Concen: 48.149 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011328.D
Acq: 05 Aug 2019 16:03

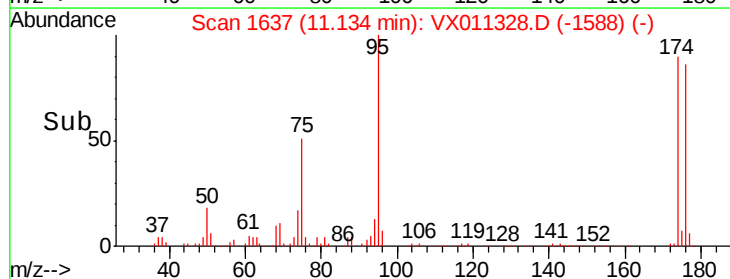
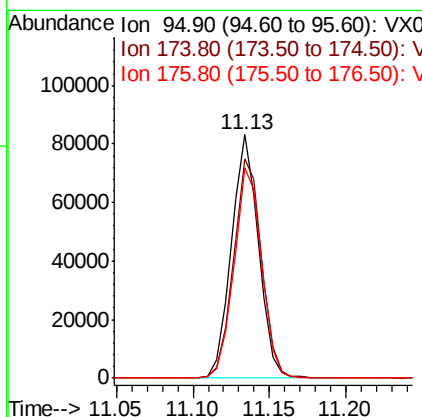
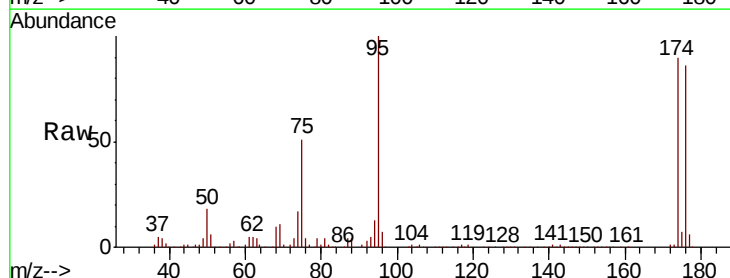
Instrument :
MSVOA_X
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2S-E1-(30)

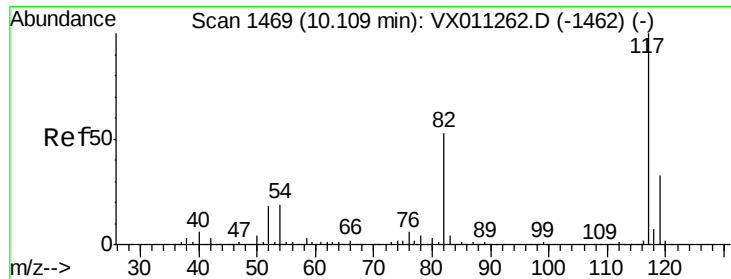
Tot Ion: 98 Resp: 324493
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 42.293 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011328.D
Acq: 05 Aug 2019 16:03

Tgt Ion: 95 Resp: 101762
Ion Ratio Lower Upper
95 100
174 93.1 0.0 191.2
176 88.3 0.0 184.8

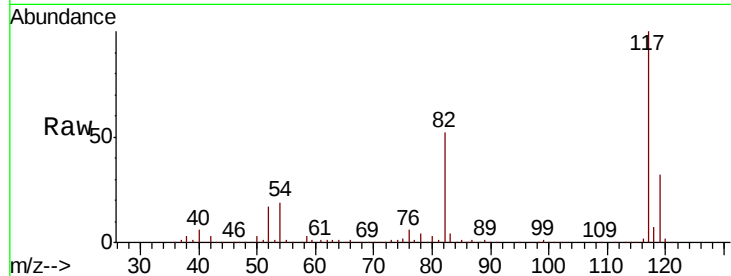




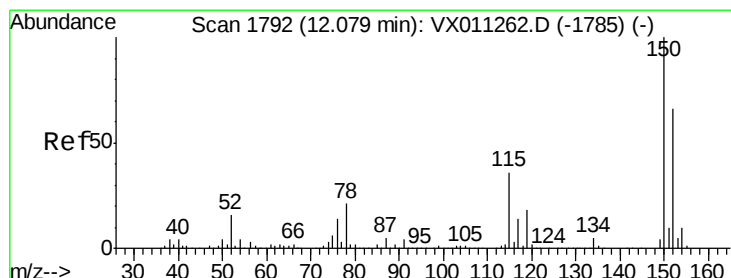
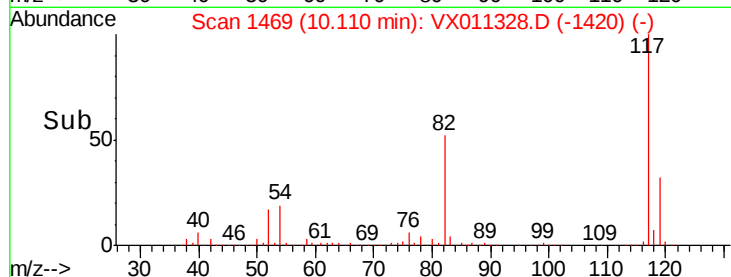
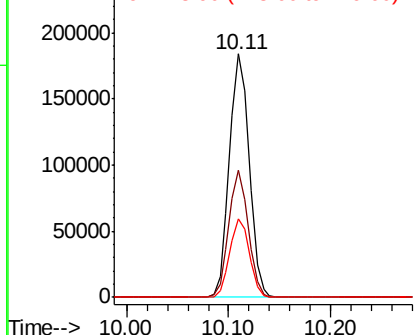
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011328.D
Acq: 05 Aug 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
2S-E1-(30)

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.2	63.2
119	32.3	26.6	39.8

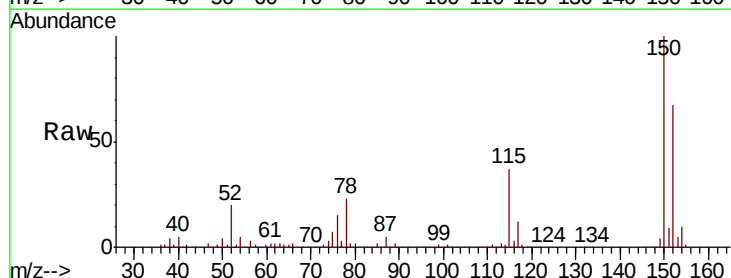


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011328.D
Acq: 05 Aug 2019 16:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	40.0	119.9
150	152.6	0.0	350.4



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

