

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082118\
 Data File : VX004176.D
 Acq On : 21 Aug 2018 15:24
 Operator : JC/MD
 Sample : J4573-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T26-COMP

Quant Time: Aug 22 01:36:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	300697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	493797	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	459770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	244869	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	216823	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
35) Dibromofluoromethane	5.50	113	183420	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
50) Toluene-d8	8.71	98	677566	45.22	ug/l	0.00
Spiked Amount			Recovery	=	90.44%	
62) 4-Bromofluorobenzene	11.14	95	230013	42.32	ug/l	0.00
Spiked Amount			Recovery	=	84.64%	

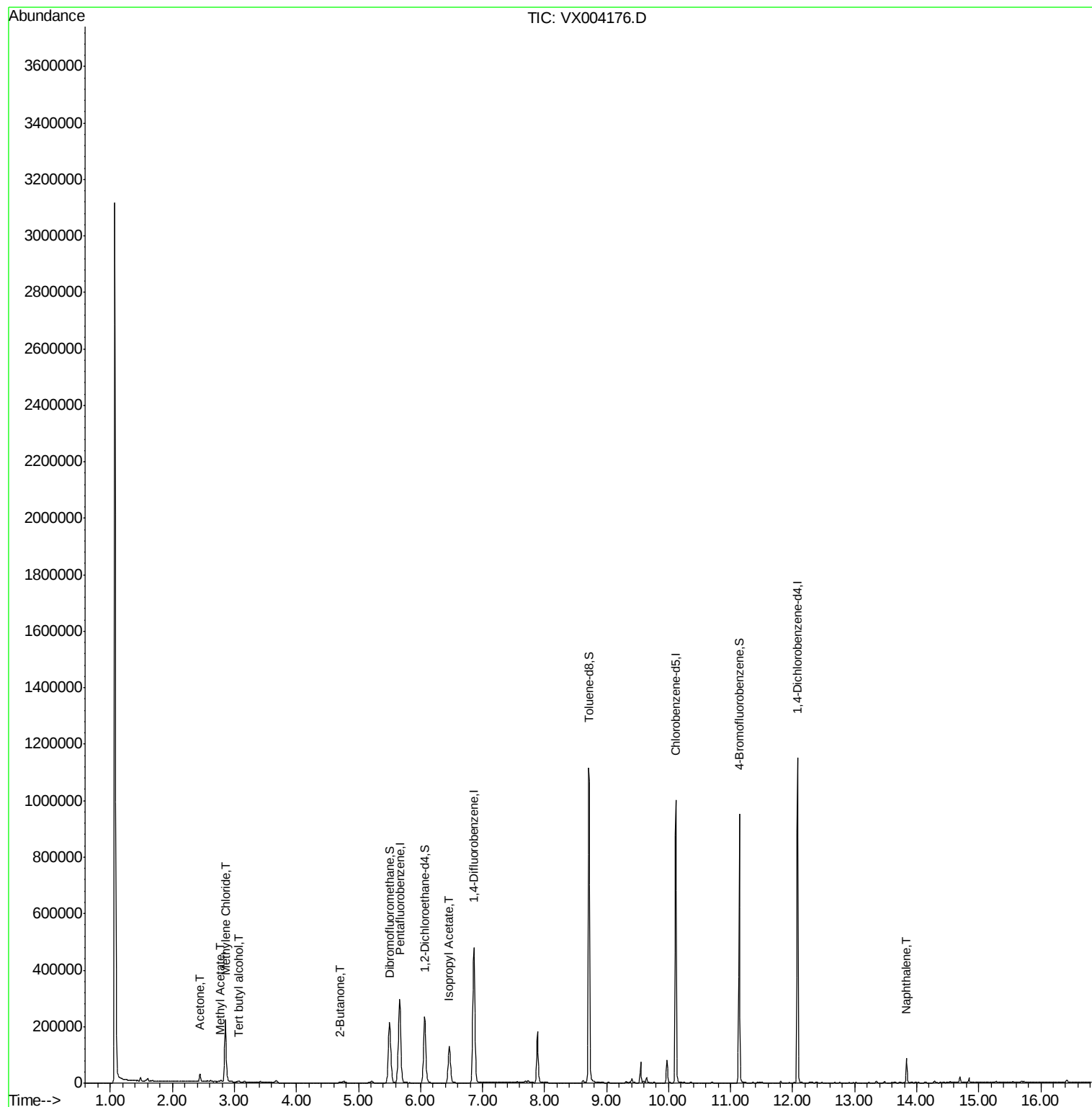
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	2411	2.83	ug/l	# 89
16) Acetone	2.45	43	26967	12.24	ug/l	99
18) Methyl Acetate	2.78	43	6401	1.31	ug/l	93
20) Methylene Chloride	2.85	84	101423	27.90	ug/l	98
25) 2-Butanone	4.70	43	7066	1.97	ug/l	95
43) Isopropyl Acetate	6.46	43	171791	19.05	ug/l	100
95) Naphthalene	13.83	128	53217	4.18	ug/l	98

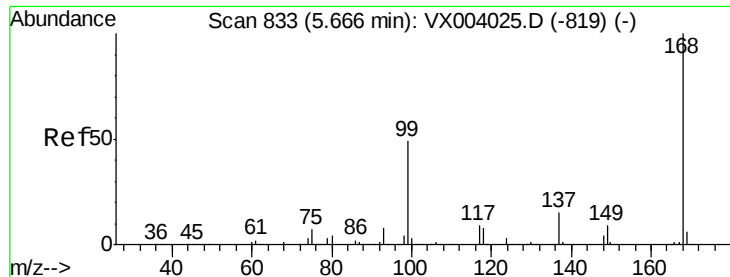
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004176.D

Acq: 21 Aug 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

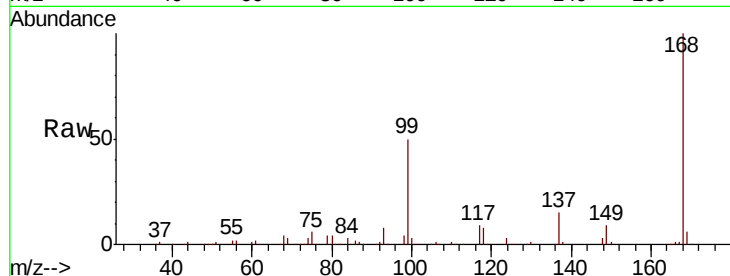
T26-COMP

Tot Ion:168 Resp: 300697

Ion Ratio Lower Upper

168 100

99 50.5 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

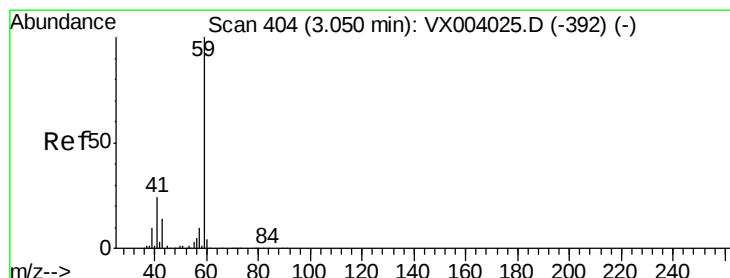
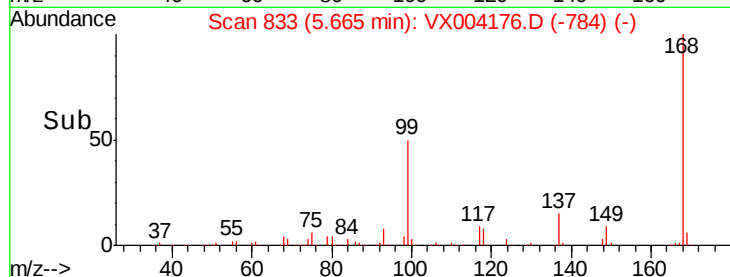
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 2.83 ug/l

RT: 3.07 min Scan# 408

Delta R.T. 0.02 min

Lab File: VX004176.D

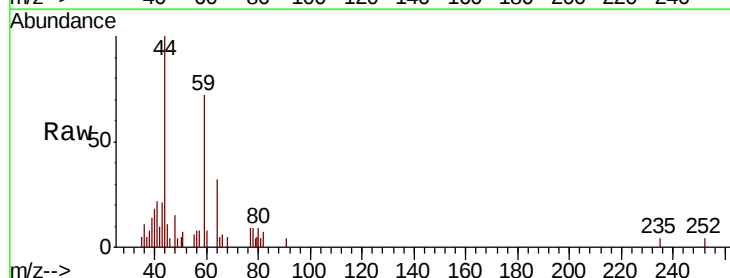
Acq: 21 Aug 2018 15:24

Tgt Ion: 59 Resp: 2411

Ion Ratio Lower Upper

59 100

57 6.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

1200

1000

800

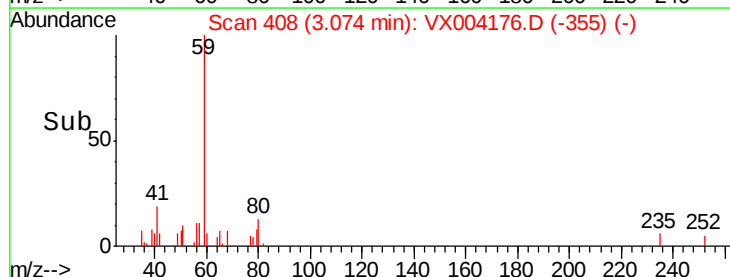
600

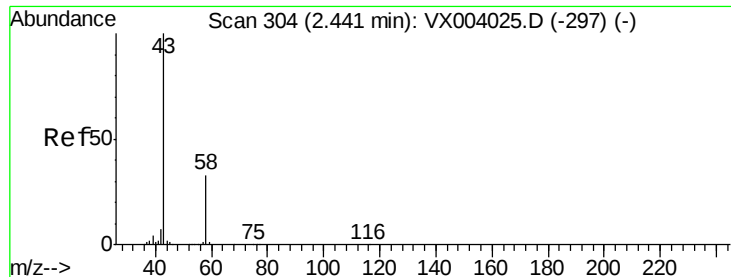
400

200

0

Time--> 3.00 3.05 3.10 3.15





#16

Acetone

Concen: 12.24 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.01 min

Lab File: VX004176.D

Acq: 21 Aug 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

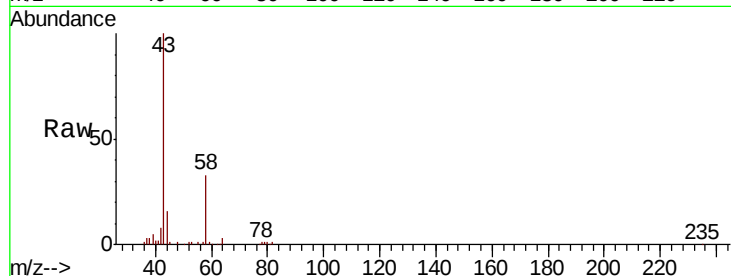
T26-COMP

Tot Ion: 43 Resp: 26967

Ion Ratio Lower Upper

43 100

58 32.5 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

20000

15000

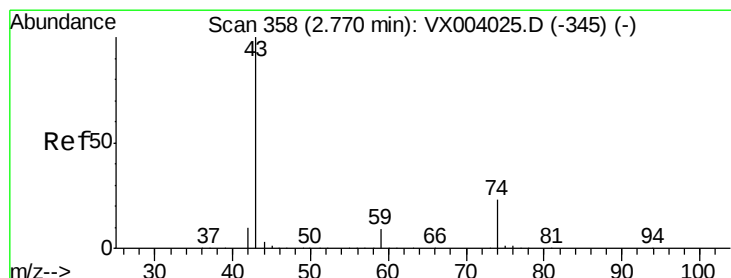
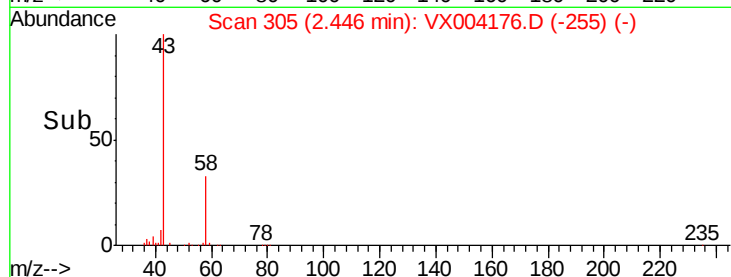
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

2.45



#18

Methyl Acetate

Concen: 1.31 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.01 min

Lab File: VX004176.D

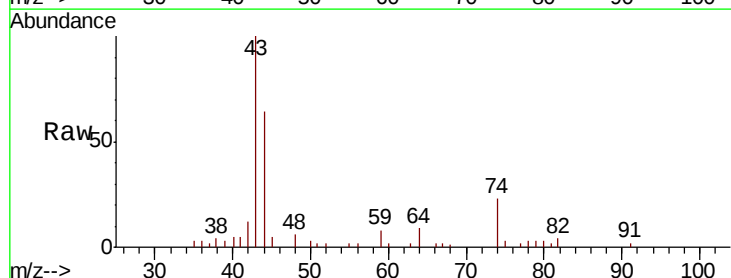
Acq: 21 Aug 2018 15:24

Tgt Ion: 43 Resp: 6401

Ion Ratio Lower Upper

43 100

74 27.2 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

4000

3000

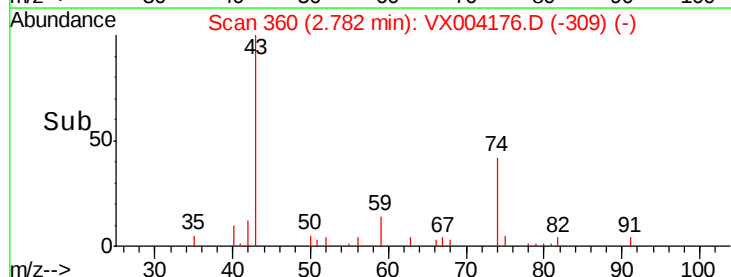
2000

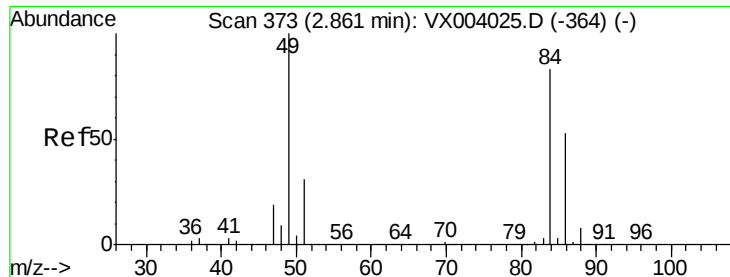
1000

0

Time--> 2.70 2.75 2.80 2.85

2.78

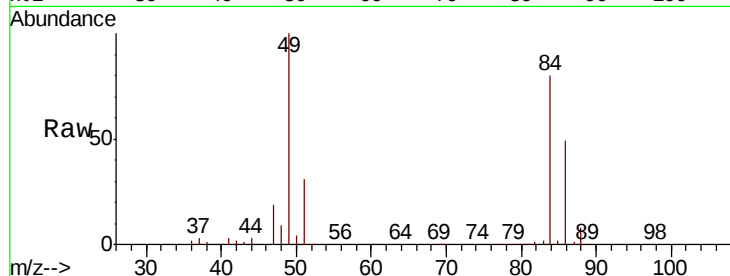




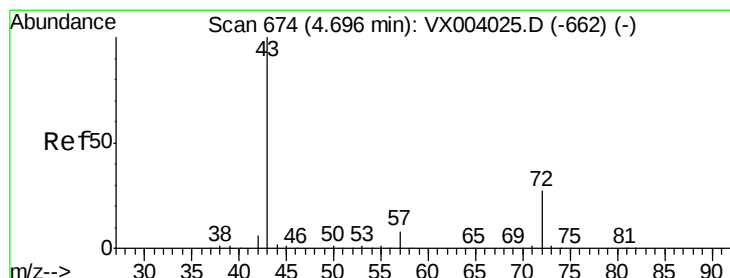
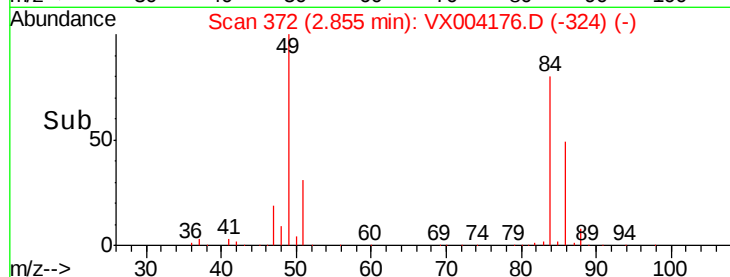
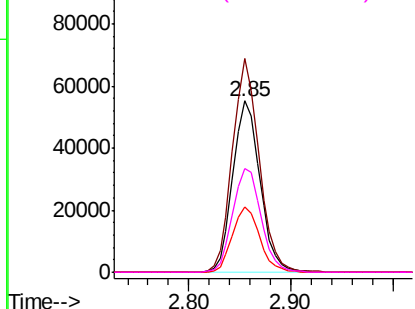
#20
Methvlene Chloride
Concen: 27.90 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004176.D
Acq: 21 Aug 2018 15:24

Instrument :
MSVOA_X
ClientSampled :
T26-COMP

Tot Ion: 84 Resp: 101423
Ion Ratio Lower Upper
84 100
49 124.6 98.9 148.3
51 38.0 29.9 44.9
86 60.9 51.0 76.6

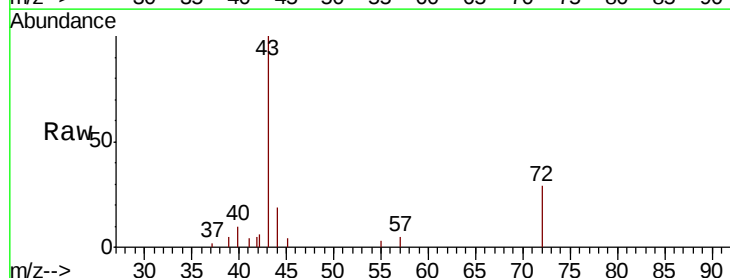


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

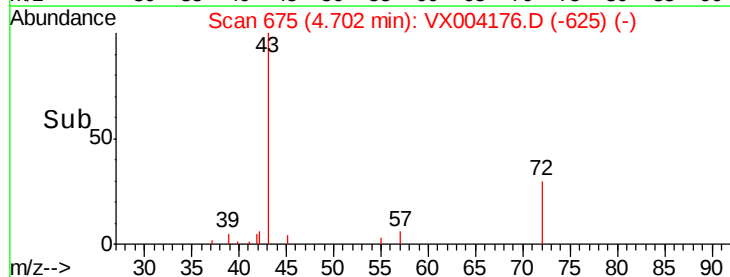
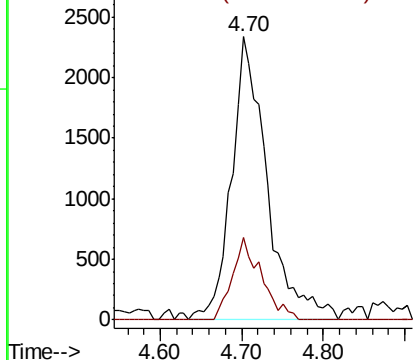


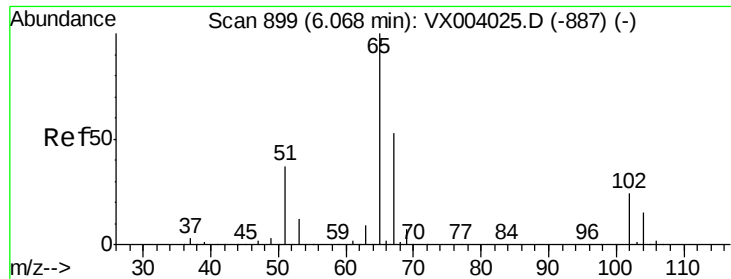
#25
2-Butanone
Concen: 1.97 ug/l
RT: 4.70 min Scan# 675
Delta R.T. 0.01 min
Lab File: VX004176.D
Acq: 21 Aug 2018 15:24

Tgt Ion: 43 Resp: 7066
Ion Ratio Lower Upper
43 100
72 29.2 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

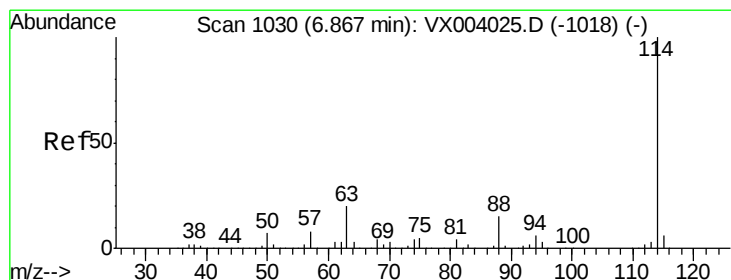
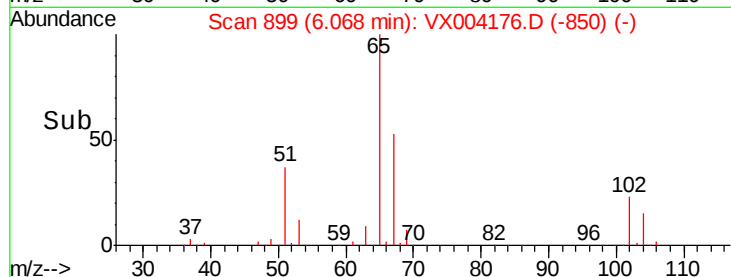
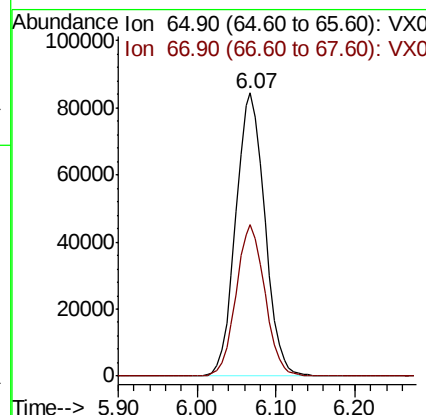
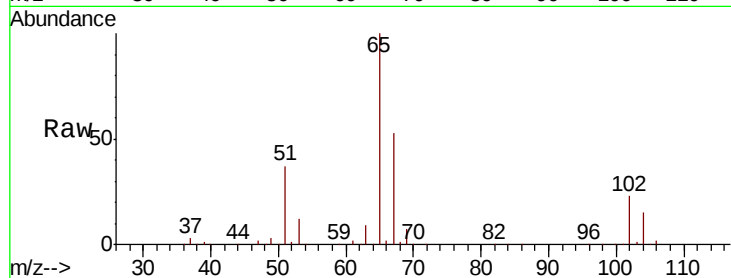




#33
 1,2-Dichloroethane-d4
 Concen: 51.18 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004176.D
 Acq: 21 Aug 2018 15:24

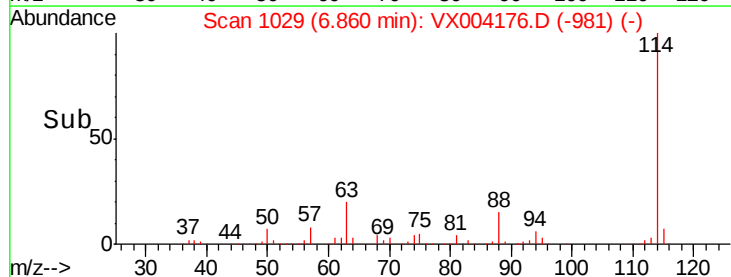
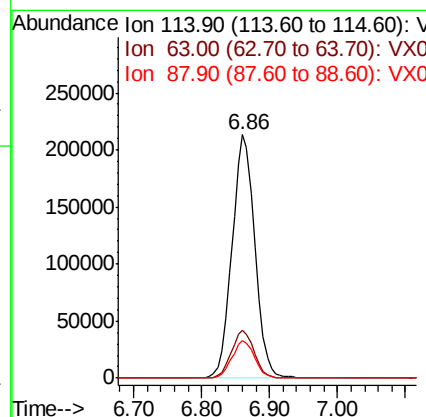
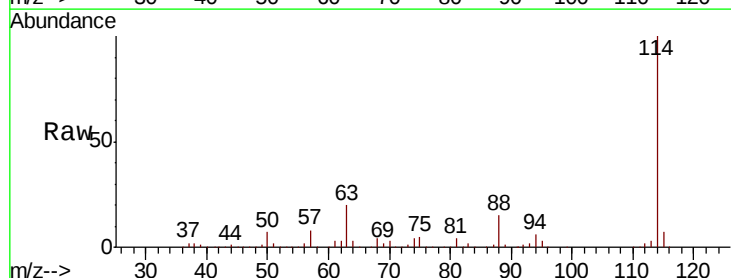
Instrument :
 MSVOA_X
 ClientSampleId :
 T26-COMP

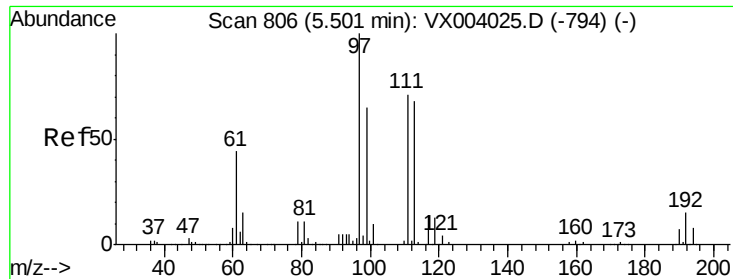
Tot Ion: 65 Resp: 216823
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004176.D
 Acq: 21 Aug 2018 15:24

Tgt Ion: 114 Resp: 493797
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.2 0.0 32.0

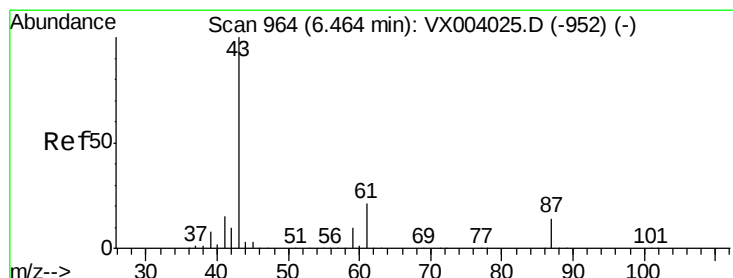
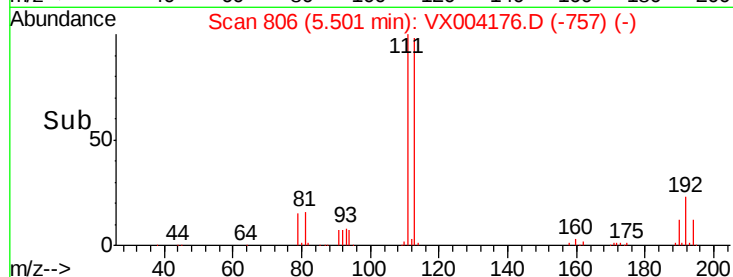
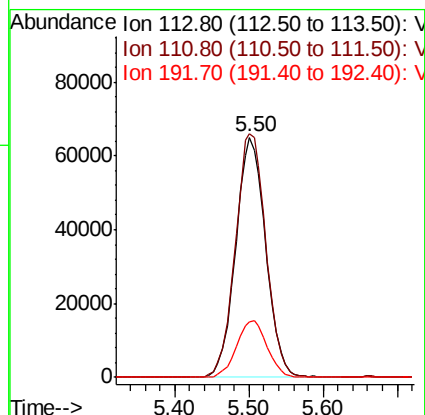
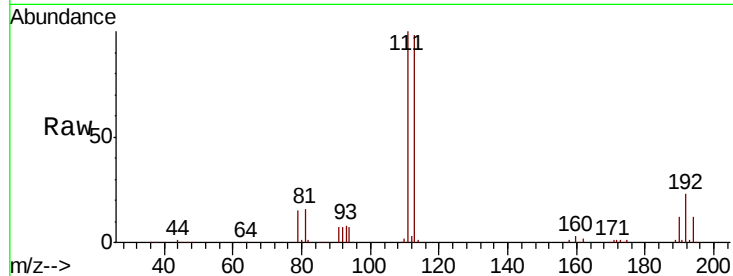




#35
 Dibromofluoromethane
 Concen: 49.63 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004176.D
 Acq: 21 Aug 2018 15:24

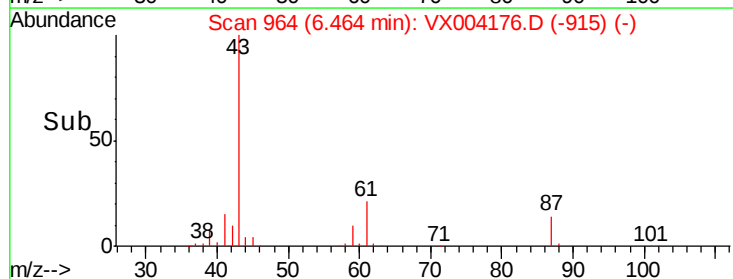
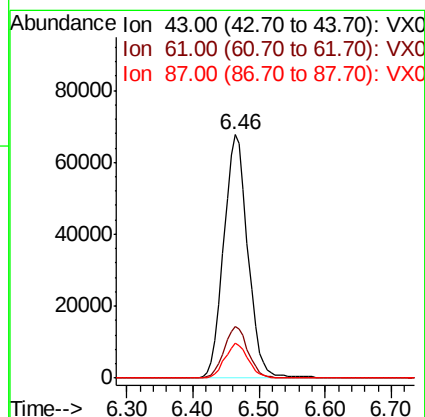
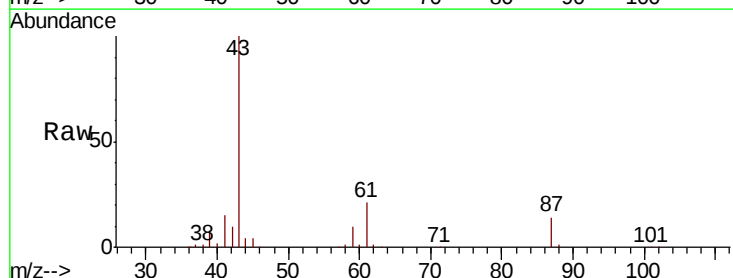
Instrument :
 MSVOA_X
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 T26-COMP

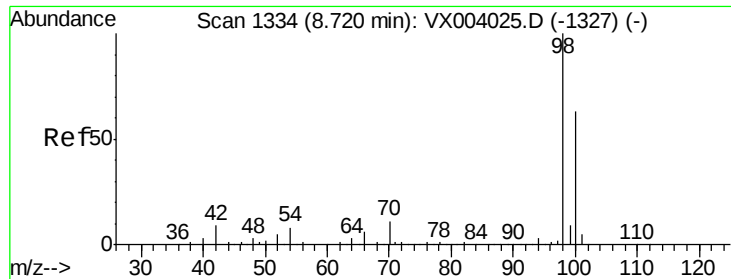
Tot Ion:113 Resp: 183420
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.0 123.0
 192 24.1 19.0 28.4



#43
 Isopropyl Acetate
 Concen: 19.05 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004176.D
 Acq: 21 Aug 2018 15:24

Tgt Ion: 43 Resp: 171791
 Ion Ratio Lower Upper
 43 100
 61 20.9 16.9 25.3
 87 14.1 11.3 16.9





#50

Toluene-d8

Concen: 45.22 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX004176.D

Acq: 21 Aug 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

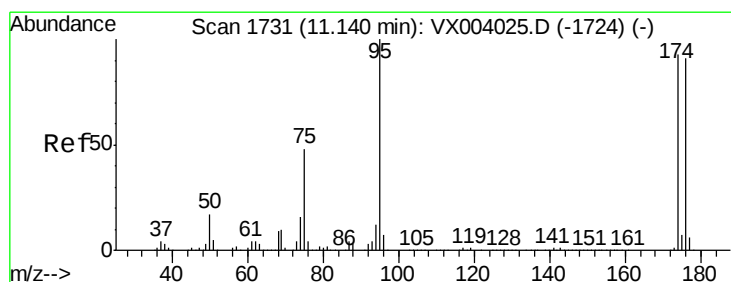
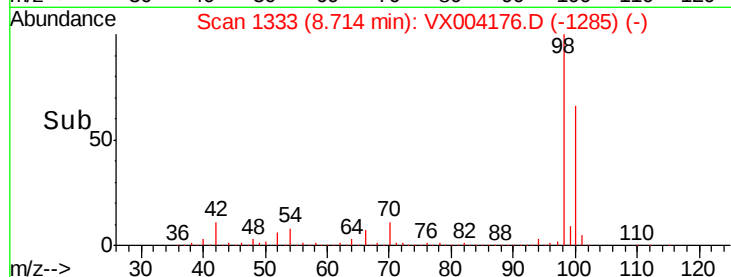
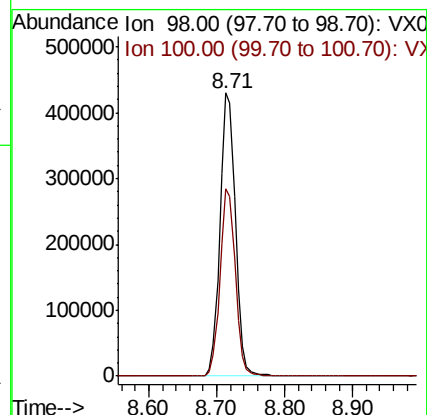
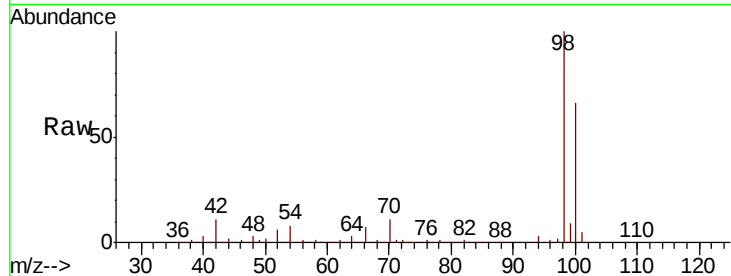
T26-COMP

Tot Ion: 98 Resp: 677566

Ion Ratio Lower Upper

98 100

100 65.7 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 42.32 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004176.D

Acq: 21 Aug 2018 15:24

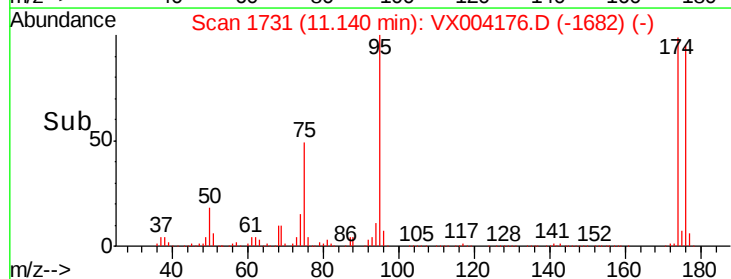
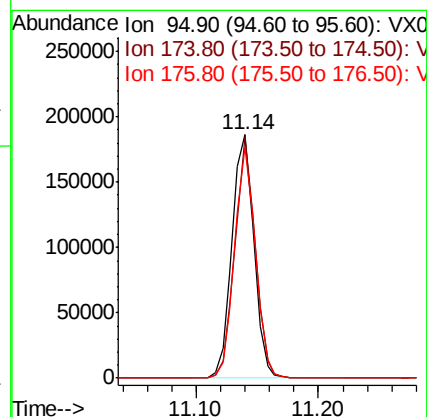
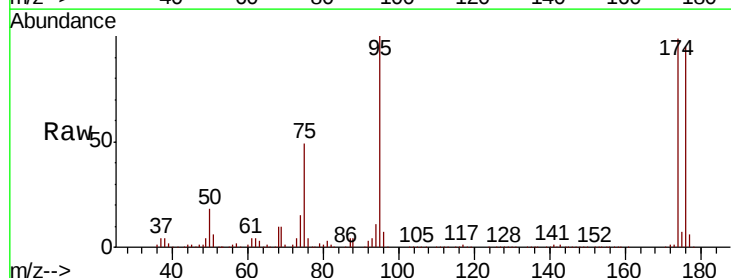
Tgt Ion: 95 Resp: 230013

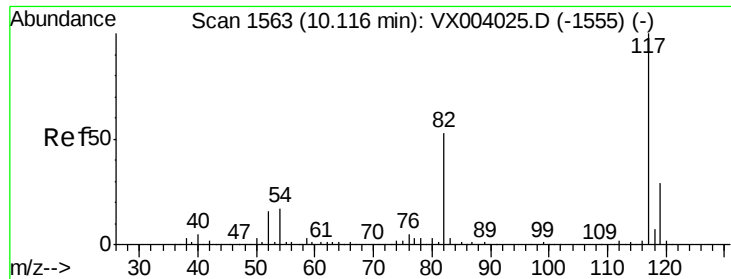
Ion Ratio Lower Upper

95 100

174 92.1 0.0 182.8

176 90.8 0.0 179.0

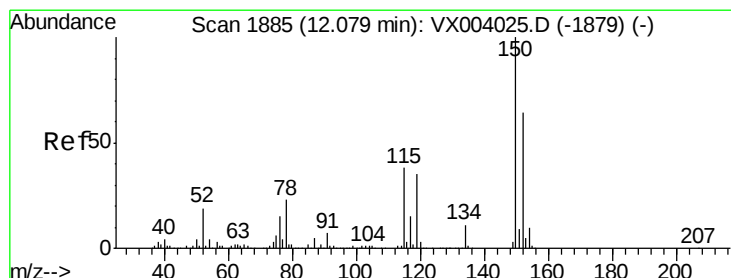
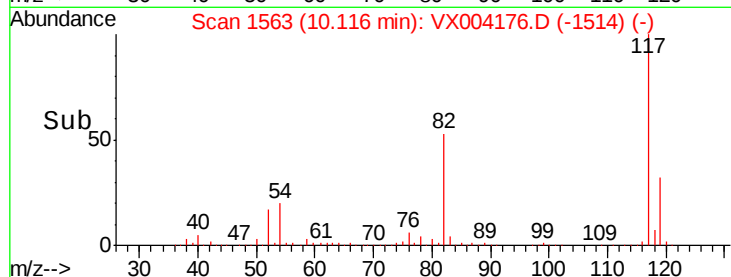
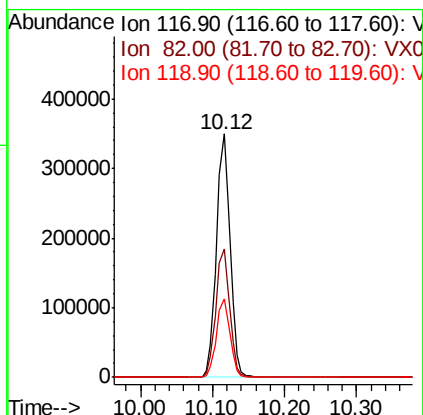
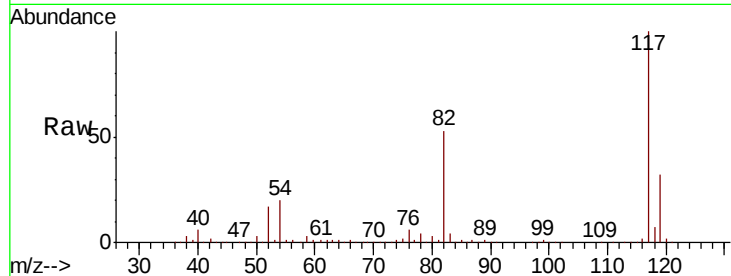




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004176.D
Acq: 21 Aug 2018 15:24

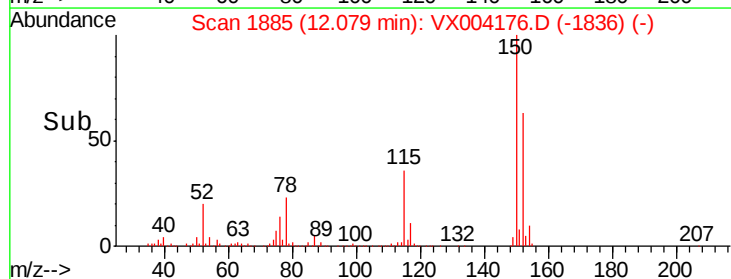
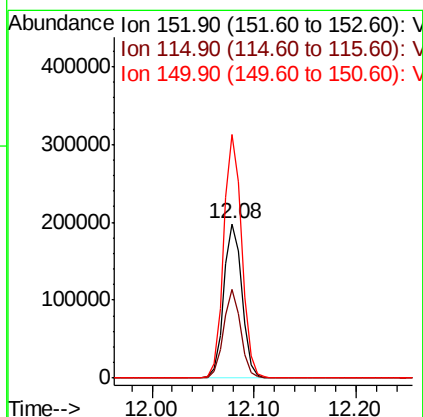
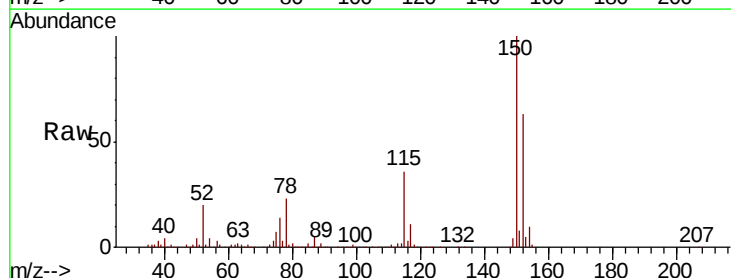
Instrument :
MSVOA_X
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T26-COMP

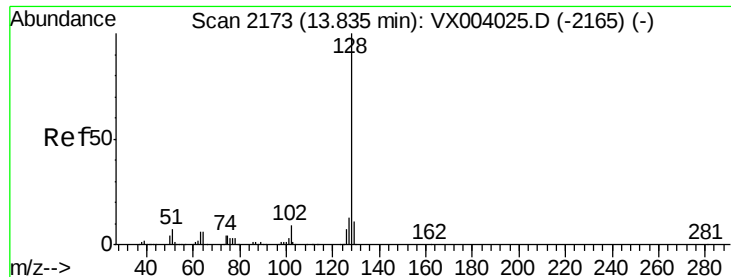
Tot Ion:117 Resp: 459770
Ion Ratio Lower Upper
117 100
82 52.9 45.4 68.0
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004176.D
Acq: 21 Aug 2018 15:24

Tgt Ion:152 Resp: 244869
Ion Ratio Lower Upper
152 100
115 54.5 39.1 117.3
150 156.6 0.0 349.2





#95
Naphthalene
Concen: 4.18 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004176.D
Acq: 21 Aug 2018 15:24

Instrument :
MSVOA_X
ClientSampleId :
T26-COMP

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	12.1	8.8	13.2

