

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082818\
 Data File : VX004274.D
 Acq On : 28 Aug 2018 17:57
 Operator : JC/MD
 Sample : J4662-01DL 10X
 Misc : 5.31g/5.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-D7-GRABDL

Quant Time: Aug 29 00:42:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	290031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	447072	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	447188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	286195	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	192857	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
35) Dibromofluoromethane	5.50	113	166221	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	8.71	98	635999	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.14	95	300945	64.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.50%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	1505	0.69	ug/l	95
5) Bromomethane	1.64	94	1542	Below	Cal #	71
6) Chloroethane	1.71	64	1338	1.40	ug/l #	47
10) Methyl Iodide	2.51	142	1750	4.70	ug/l	97
11) Tert butyl alcohol	3.01	59	5646	7.01	ug/l #	78
13) Acrolein	2.29	56	253	1.30	ug/l #	1
15) Acrylonitrile	3.15	53	703	0.35	ug/l #	94
16) Acetone	2.45	43	1674	Below	Cal	89
17) Carbon Disulfide	2.56	76	1685	0.99	ug/l #	94
18) Methyl Acetate	2.78	43	1309	0.23	ug/l #	82
20) Methylene Chloride	2.85	84	1494	0.41	ug/l	83
25) 2-Butanone	4.71	43	799	Below	Cal #	81
29) Tetrahydrofuran	5.17	42	555	0.34	ug/l	93
36) 1,1-Dichloropropene	5.66	75	18920	3.76	ug/l #	49
38) Carbon Tetrachloride	5.66	117	25644	5.42	ug/l #	15
55) 1,1,2-Trichloroethane	9.16	97	2896	0.76	ug/l #	19
59) 2-Hexanone	9.45	43	37251	8.85	ug/l #	27
73) Isopropylbenzene	11.02	105	85360	4.54	ug/l	99
74) N-amyl acetate	10.91	43	574832	79.43	ug/l #	4
75) 1,1,2,2-Tetrachloroethane	11.28	83	471159	71.63	ug/l #	25
76) 1,2,3-Trichloropropane	11.14	75	121099	20.80	ug/l #	50
78) n-propylbenzene	11.36	91	349134	16.15	ug/l	97
79) 2-Chlorotoluene	11.44	91	12163	0.91	ug/l #	19
81) trans-1,4-Dichloro-2-buten	11.14	75	121099	67.50	ug/l #	41
82) 4-Chlorotoluene	11.77	91	56988	3.64	ug/l	84
83) tert-Butylbenzene	11.77	119	73149	4.67	ug/l #	70
84) 1,2,4-Trimethylbenzene	11.95	105	461786	28.90	ug/l #	30
85) sec-Butylbenzene	11.95	105	461786	24.84	ug/l	99
86) p-Isopropyltoluene	12.07	119	55121	3.31	ug/l	97
89) n-Butylbenzene	12.39	91	643311	47.48	ug/l	86
90) Hexachloroethane	12.67	117	151759	65.16	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1742	1.50	ug/l #	12
95) Naphthalene	13.81	128	9978	0.53	ug/l #	1

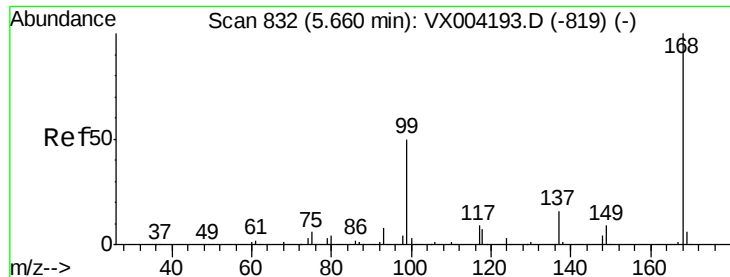
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082818\
Data File : VX004274.D
Acq On : 28 Aug 2018 17:57
Operator : JC/MD
Sample : J4662-01DL 10X
Misc : 5.31g/5.0mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EP1-D7-GRABDL

Quant Time: Aug 29 00:42:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

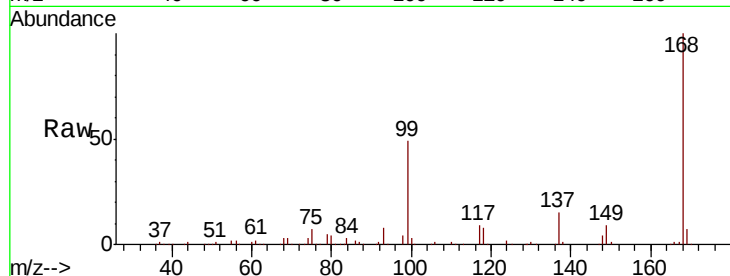
EP1-D7-GRABDL

Tot Ion:168 Resp: 290031

Ion Ratio Lower Upper

168 100

99 49.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

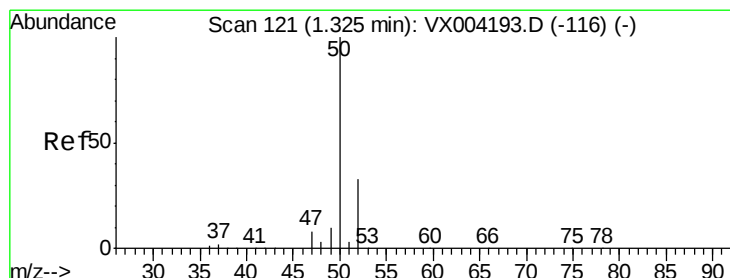
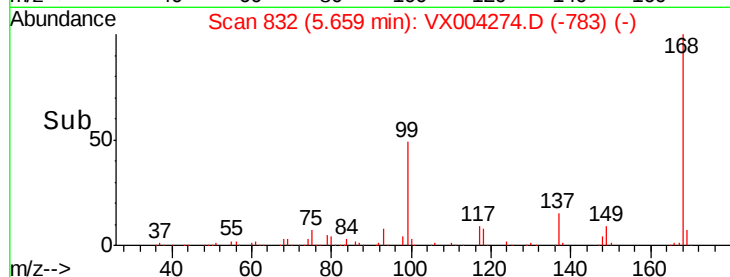
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.69 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004274.D

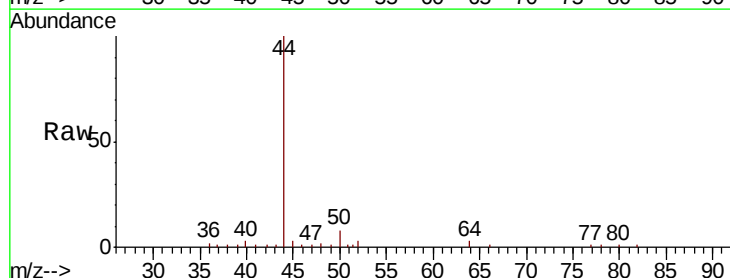
Acq: 28 Aug 2018 17:57

Tgt Ion: 50 Resp: 1505

Ion Ratio Lower Upper

50 100

52 35.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

800

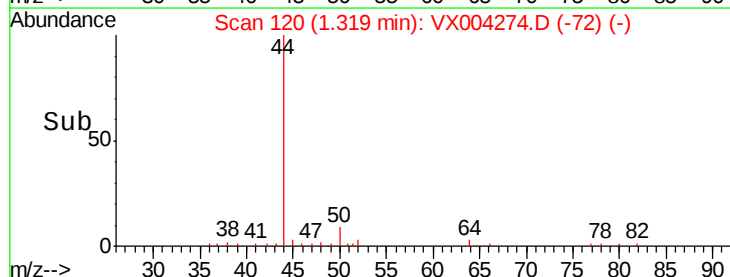
600

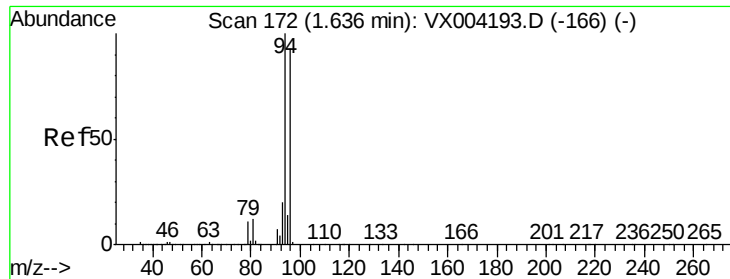
400

200

0

Time--> 1.25 1.30 1.35 1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

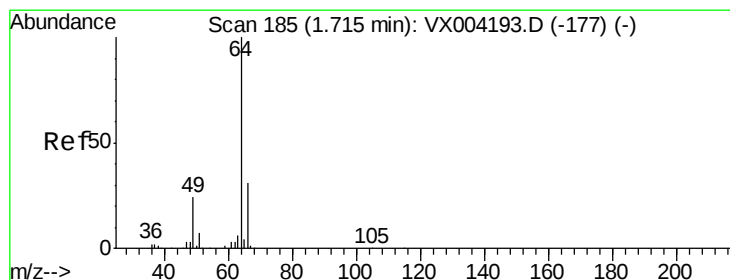
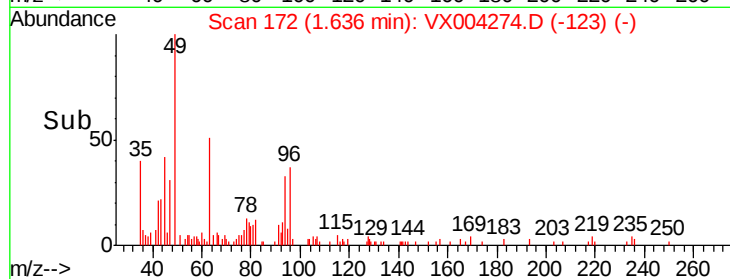
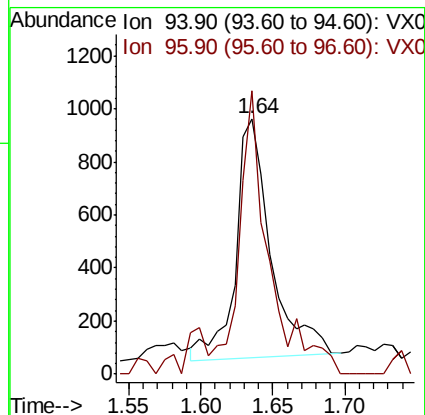
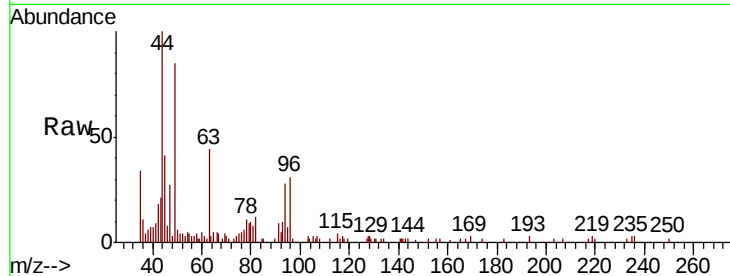
EP1-D7-GRABDL

Tot Ion: 94 Resp: 1542

Ion Ratio Lower Upper

94 100

96 121.1 74.5 111.7#



#6

Chloroethane

Concen: 1.40 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX004274.D

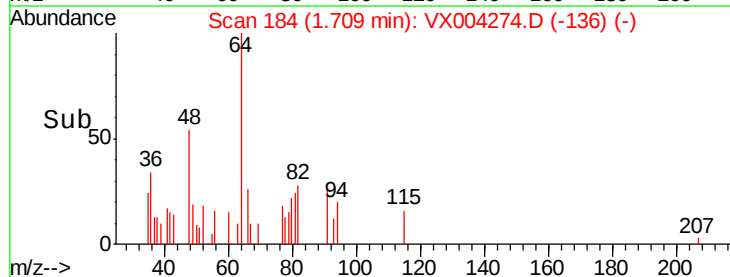
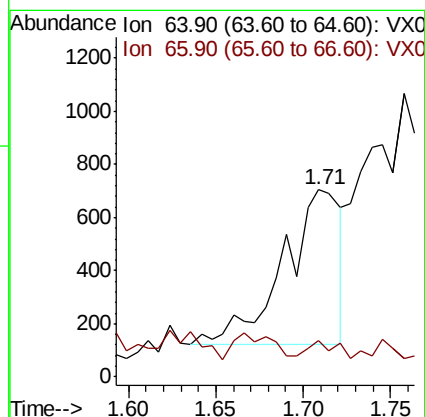
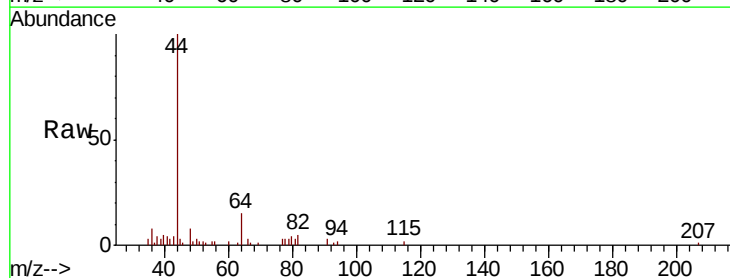
Acq: 28 Aug 2018 17:57

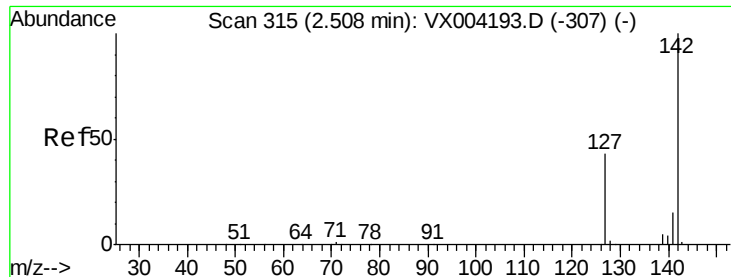
Tgt Ion: 64 Resp: 1338

Ion Ratio Lower Upper

64 100

66 1.9 24.6 36.8#

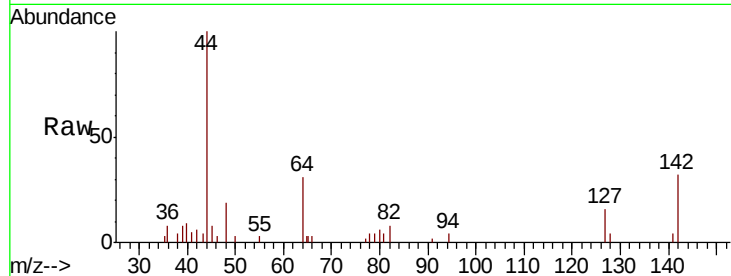




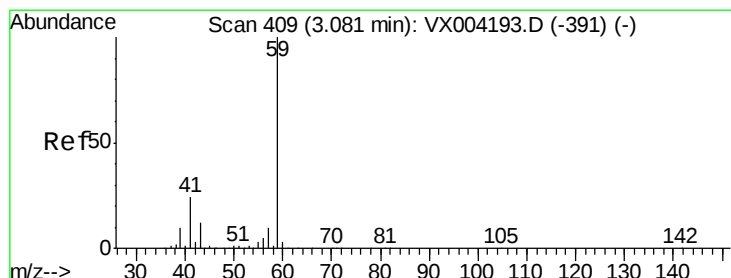
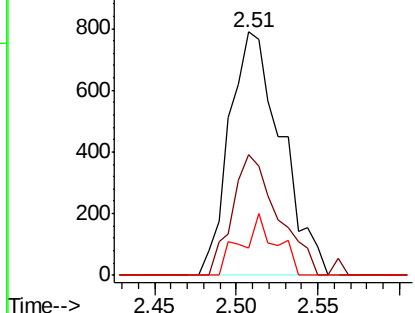
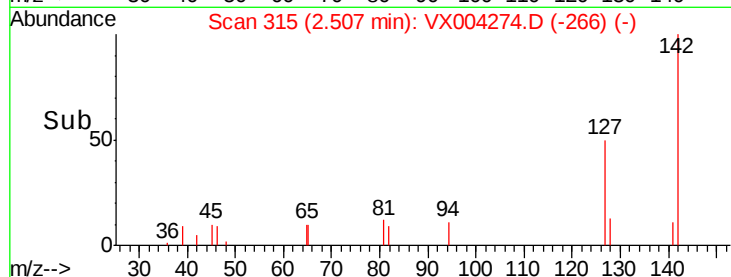
#10
Methvl Iodide
Concen: 4.70 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX004274.D
Acq: 28 Aug 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
EP1-D7-GRABDL

Tot Ion:142 Resp: 1750
Ion Ratio Lower Upper
142 100
127 43.4 33.8 50.6
141 17.0 11.4 17.0

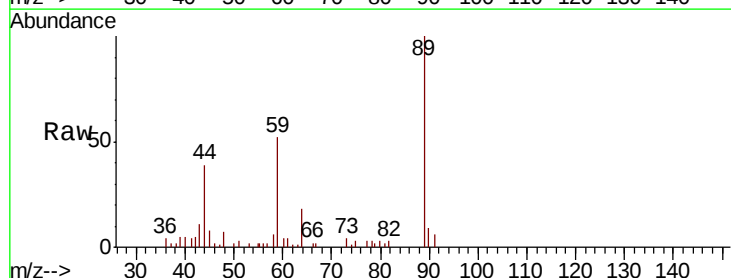


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

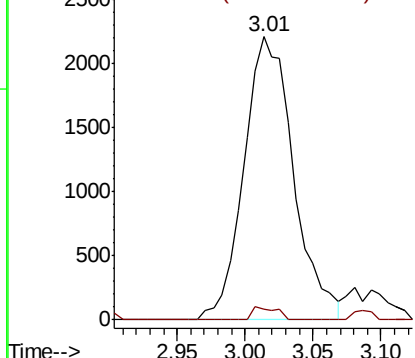
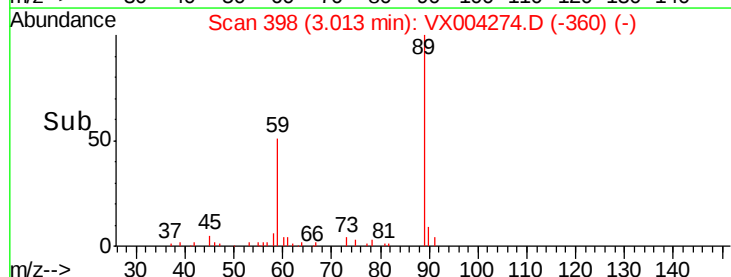


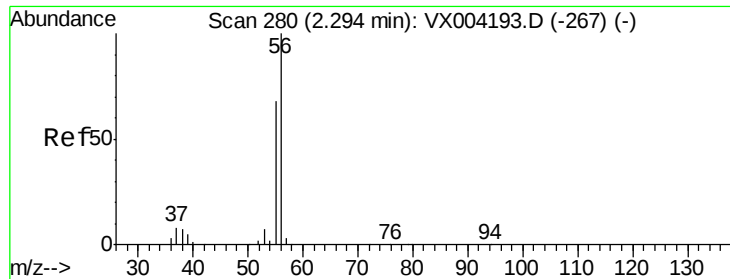
#11
Tert butyl alcohol
Concen: 7.01 ug/l
RT: 3.01 min Scan# 398
Delta R.T. -0.07 min
Lab File: VX004274.D
Acq: 28 Aug 2018 17:57

Tgt Ion: 59 Resp: 5646
Ion Ratio Lower Upper
59 100
57 2.2 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 1.30 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

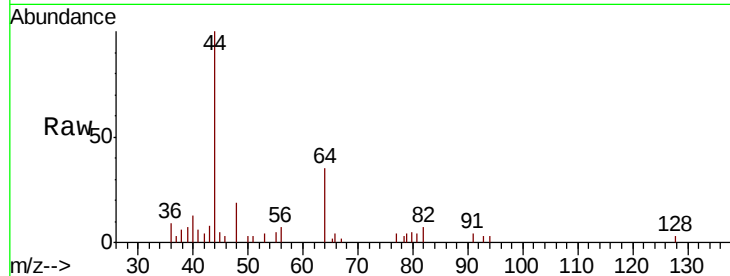
EP1-D7-GRABDL

Tot Ion: 56 Resp: 253

Ion Ratio Lower Upper

56 100

55 158.1 54.7 82.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

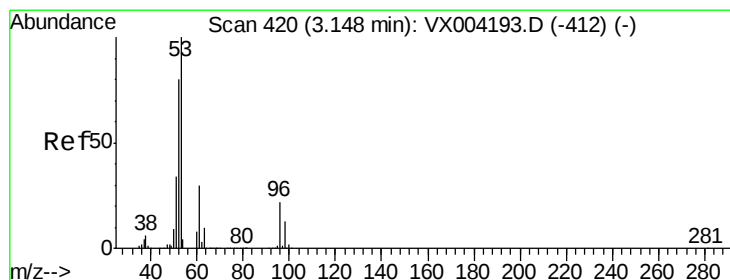
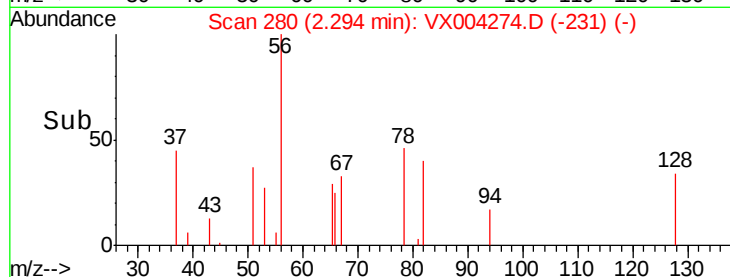
150

100

50

0

Time-->



#15

Acrylonitrile

Concen: 0.35 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

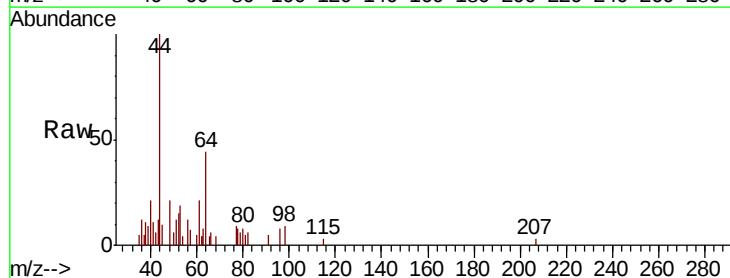
Tgt Ion: 53 Resp: 703

Ion Ratio Lower Upper

53 100

52 82.9 65.2 97.8

51 44.7 28.2 42.2#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

3.15

400

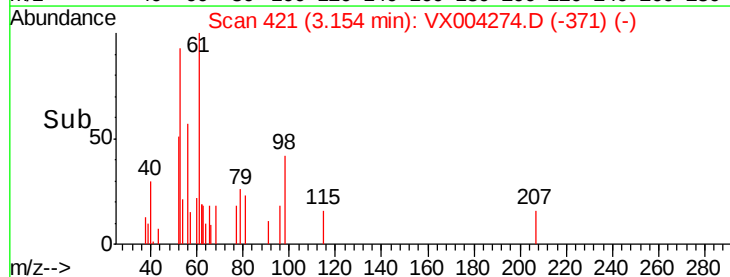
300

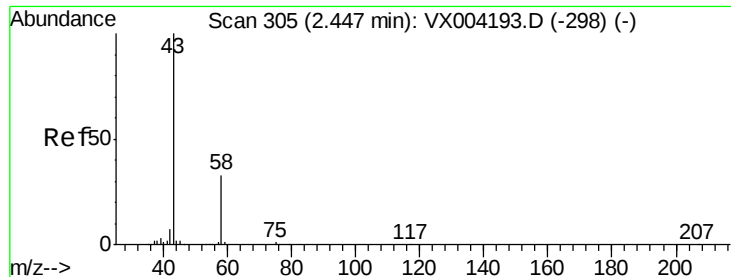
200

100

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

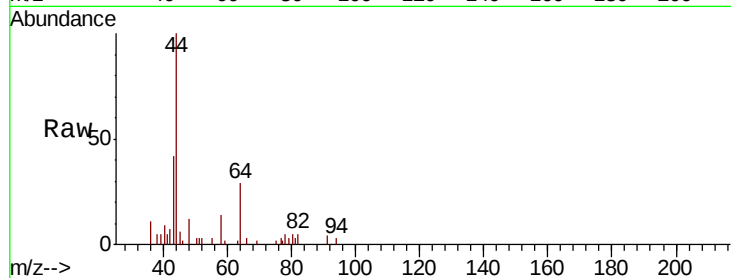
EP1-D7-GRABDL

Tot Ion: 43 Resp: 1674

Ion Ratio Lower Upper

43 100

58 39.2 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Time-->

2.40 2.45 2.50

1200

1000

800

600

400

200

0

2.40 2.45 2.50

2.45

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

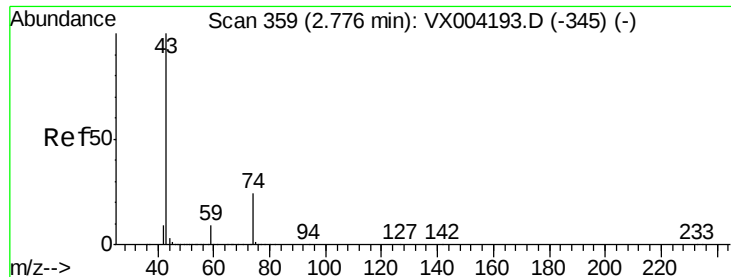
2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

2.40 2.45 2.50

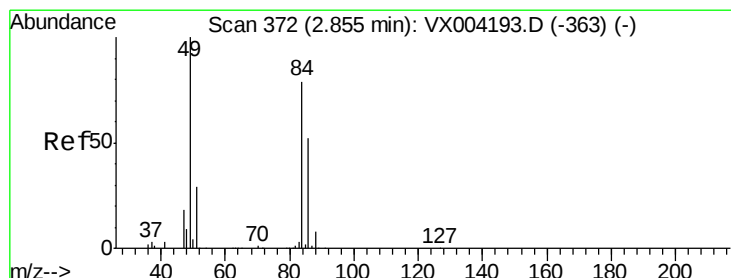
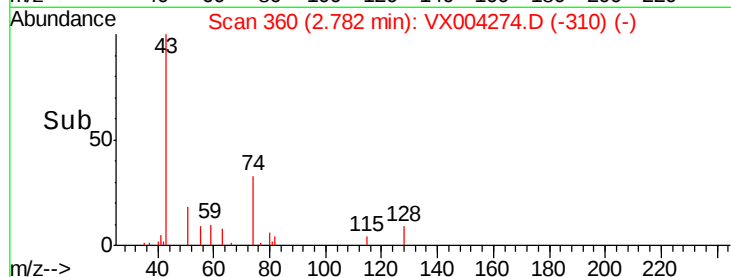
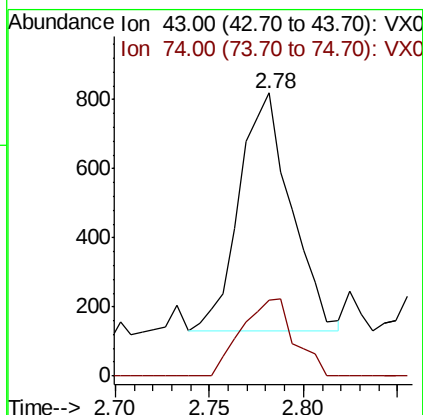
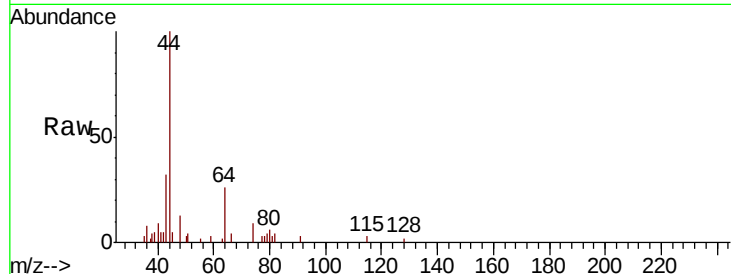
2.40 2.4



#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.01 min
Lab File: VX004274.D
Acq: 28 Aug 2018 17:57

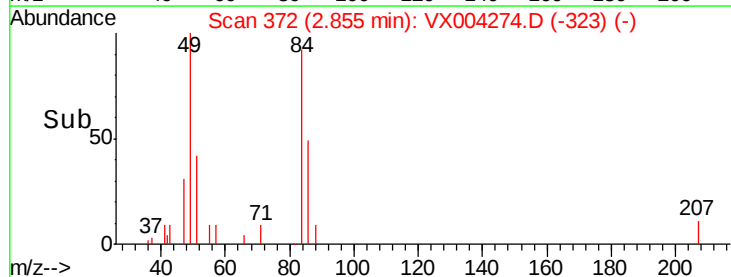
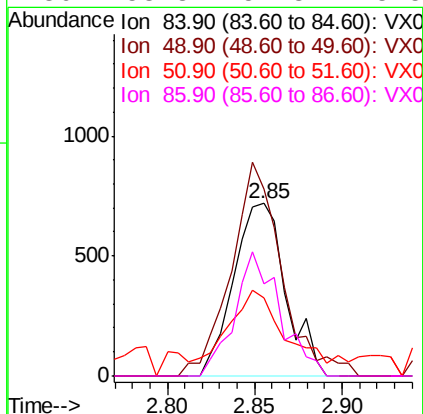
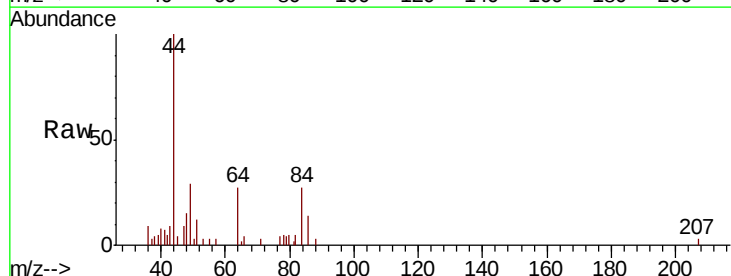
Instrument :
MSVOA_X
ClientSampleId :
EP1-D7-GRABDL

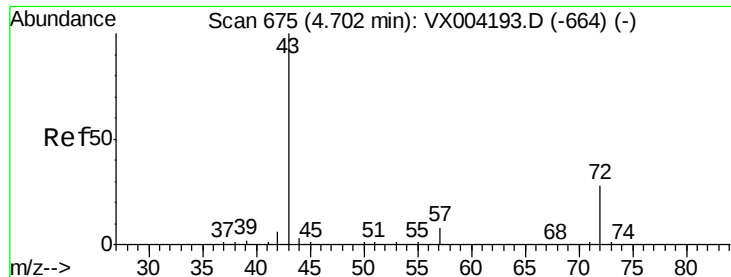
Tot Ion: 43 Resp: 1309
Ion Ratio Lower Upper
43 100
74 33.1 19.4 29.2#



#20
Methylene Chloride
Concen: 0.41 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004274.D
Acq: 28 Aug 2018 17:57

Tgt Ion: 84 Resp: 1494
Ion Ratio Lower Upper
84 100
49 101.5 101.2 151.8
51 37.3 29.5 44.3
86 53.3 52.3 78.5





#25

2-Butanone

Concen: Below Cal

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

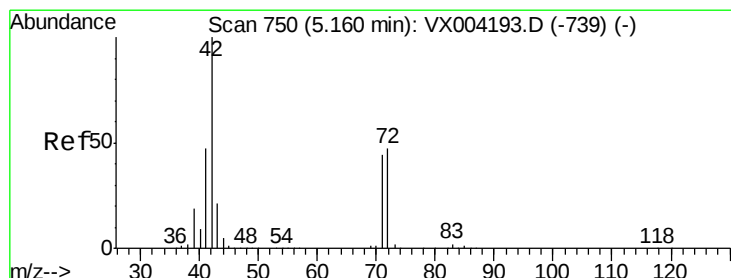
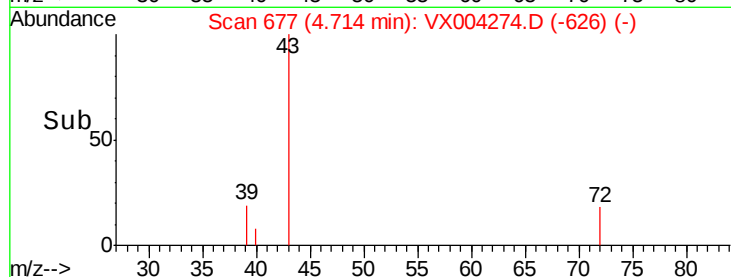
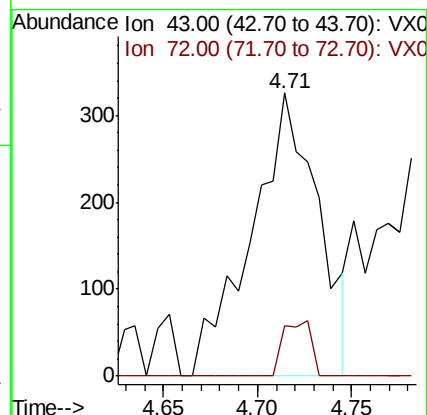
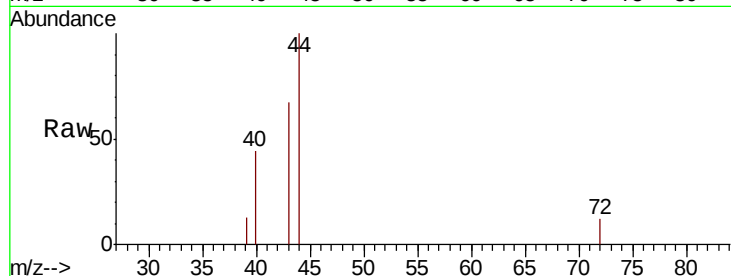
EP1-D7-GRABDL

Tot Ion: 43 Resp: 799

Ion Ratio Lower Upper

43 100

72 17.8 22.0 33.0#



#29

Tetrahydrofuran

Concen: 0.34 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.01 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

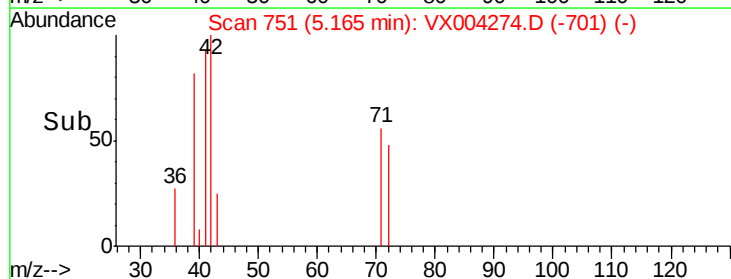
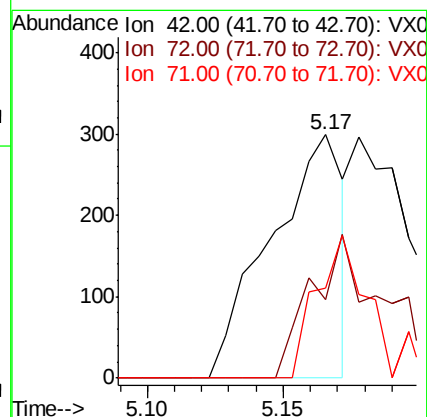
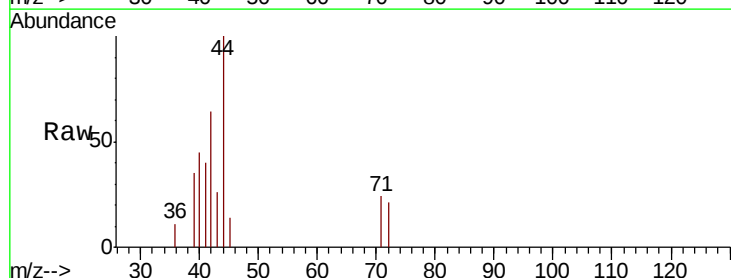
Tgt Ion: 42 Resp: 555

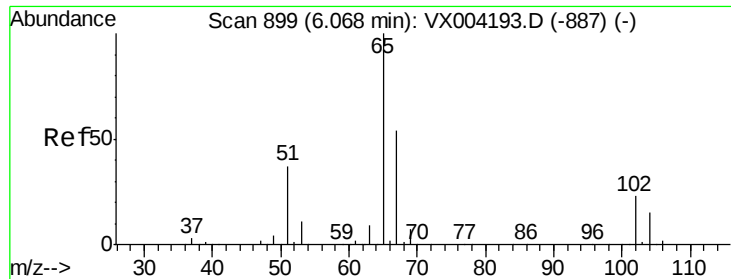
Ion Ratio Lower Upper

42 100

72 55.7 37.4 56.0

71 42.7 34.5 51.7

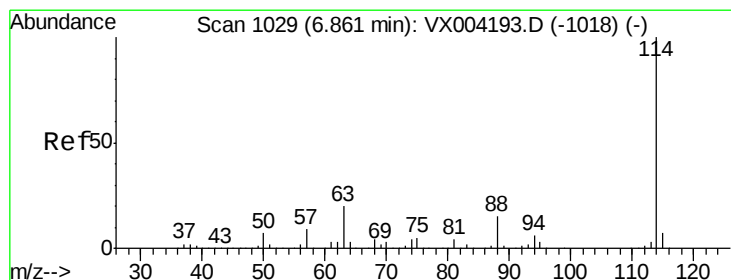
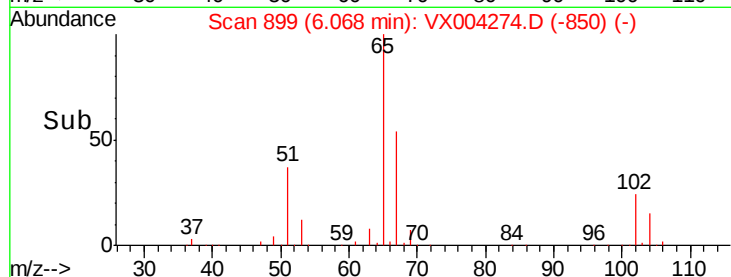
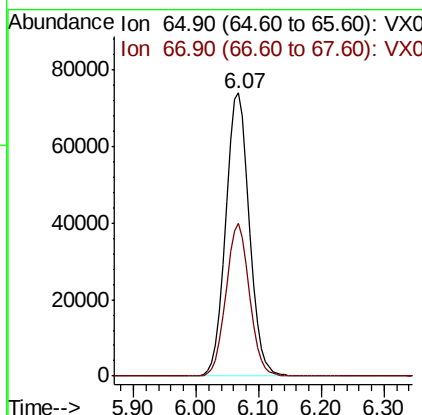
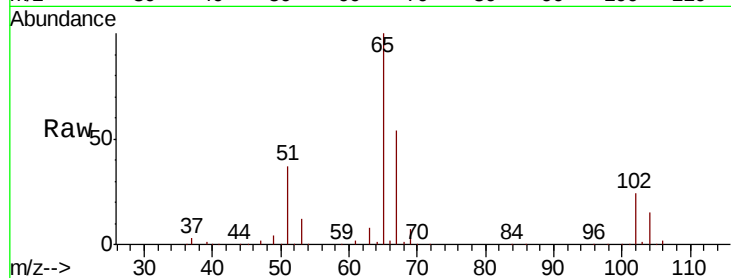




#33
 1,2-Dichloroethane-d4
 Concen: 51.02 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004274.D
 Acq: 28 Aug 2018 17:57

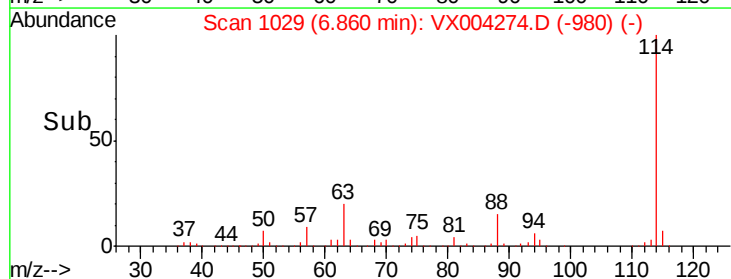
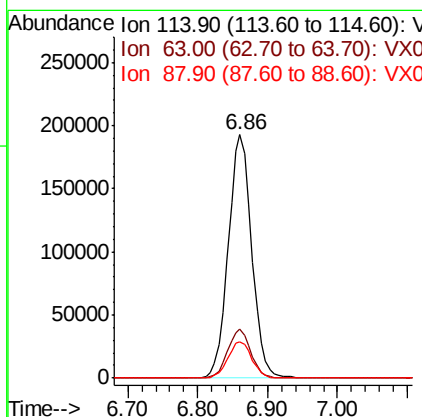
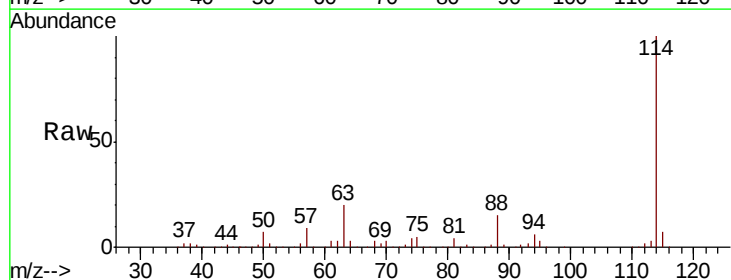
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-D7-GRABDL

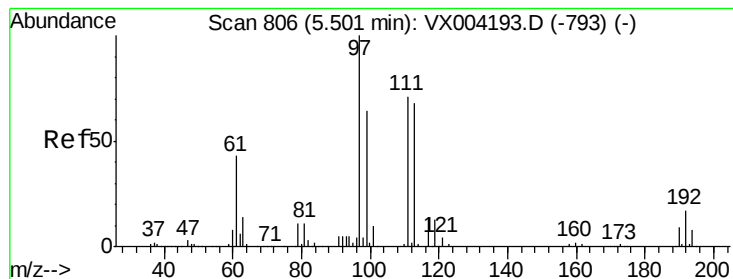
Tot Ion: 65 Resp: 192857
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004274.D
 Acq: 28 Aug 2018 17:57

Tgt Ion: 114 Resp: 447072
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 15.1 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.98 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

EP1-D7-GRABDL

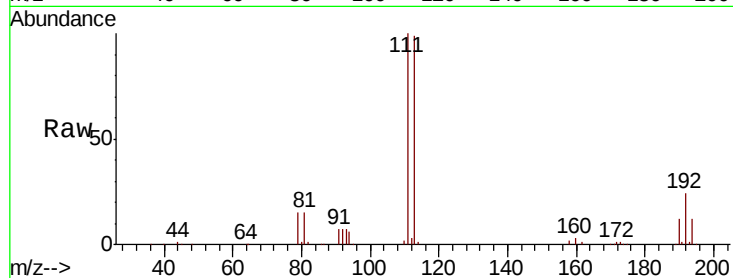
Tot Ion:113 Resp: 166221

Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

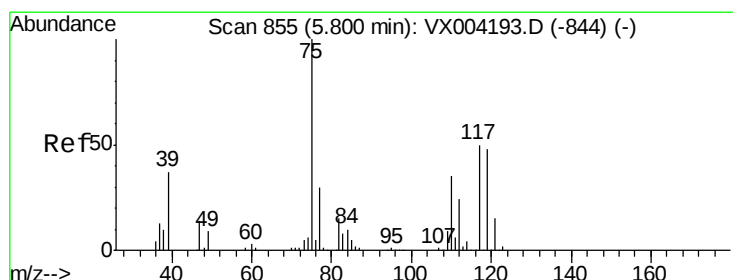
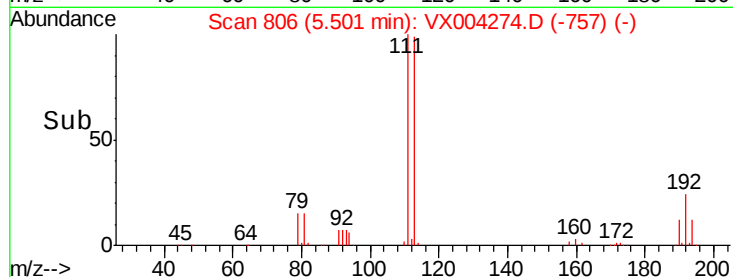
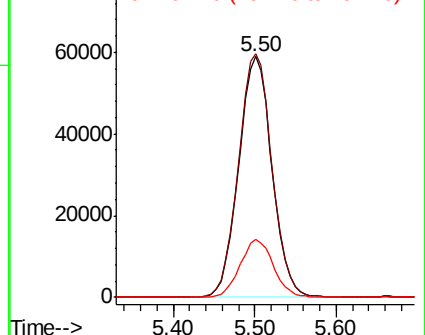
192 24.2 19.4 29.2



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



#36

1,1-Dichloropropene

Concen: 3.76 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.14 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

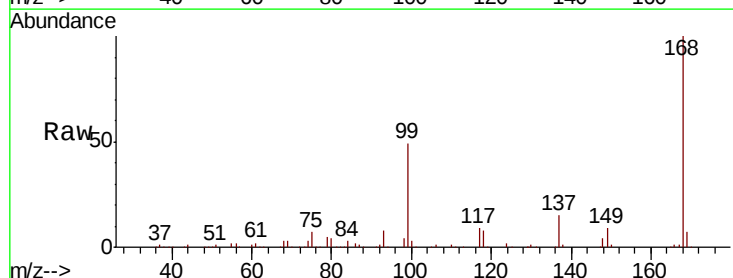
Tgt Ion: 75 Resp: 18920

Ion Ratio Lower Upper

75 100

110 8.4 18.0 54.0#

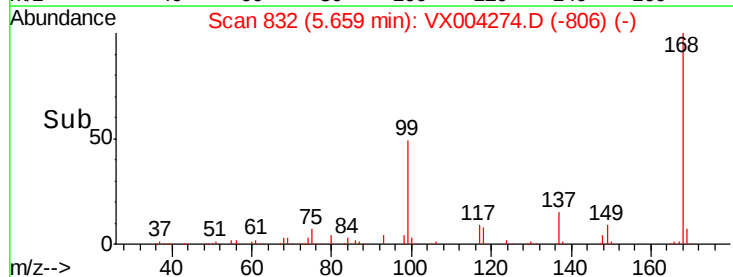
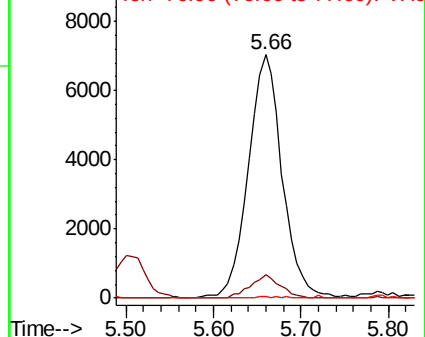
77 0.2 24.6 36.8#

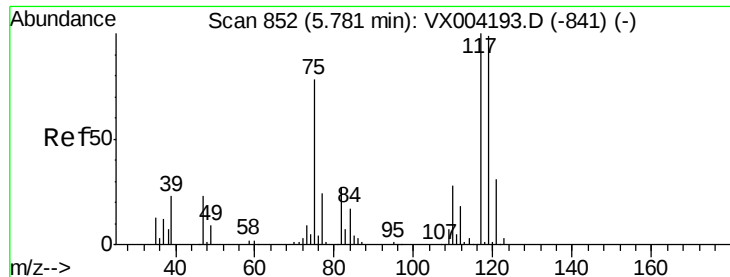


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

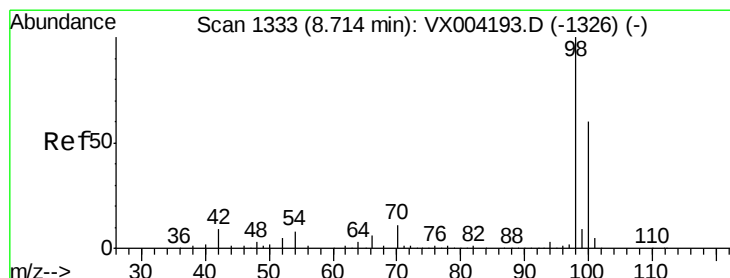
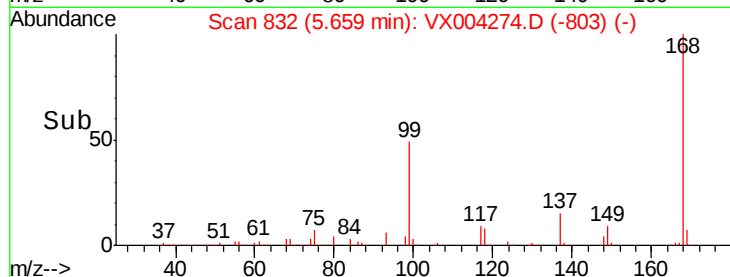
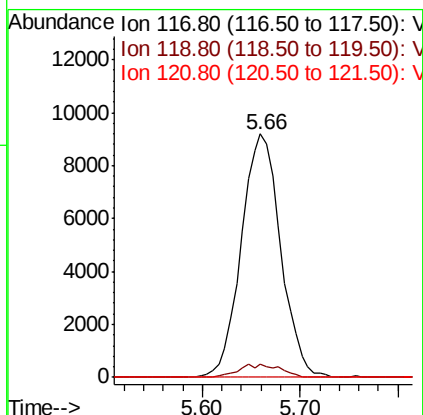
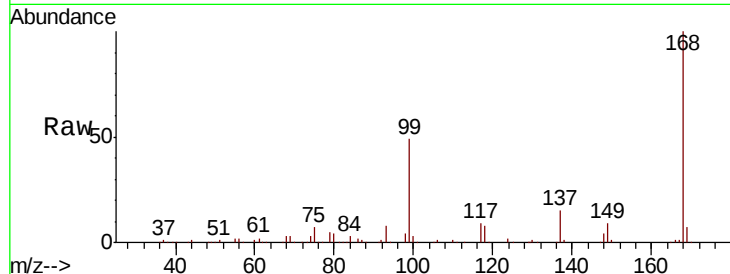




#38
Carbon Tetrachloride
Concen: 5.42 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.12 min
Lab File: VX004274.D
Acq: 28 Aug 2018 17:57

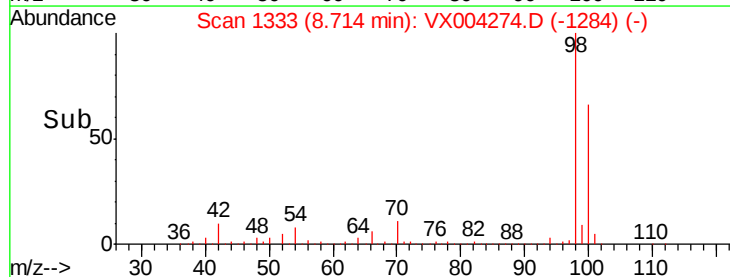
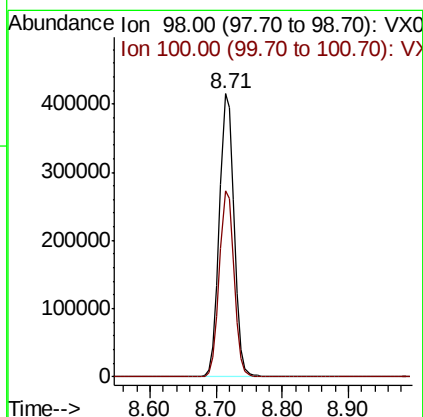
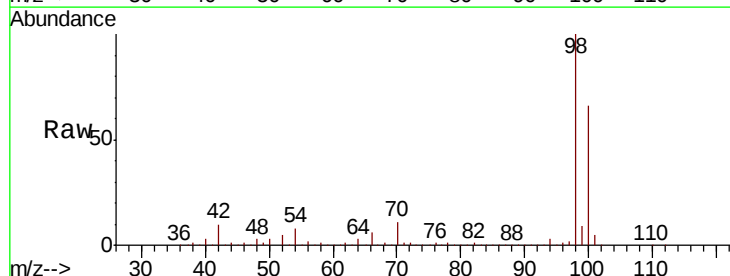
Instrument :
MSVOA_X
ClientSampleId :
EP1-D7-GRABDL

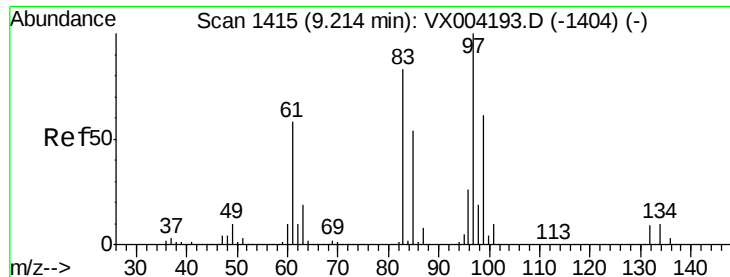
Tot Ion:117 Resp: 25644
Ion Ratio Lower Upper
117 100
119 5.3 78.8 118.2#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 50.66 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004274.D
Acq: 28 Aug 2018 17:57

Tgt Ion: 98 Resp: 635999
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3

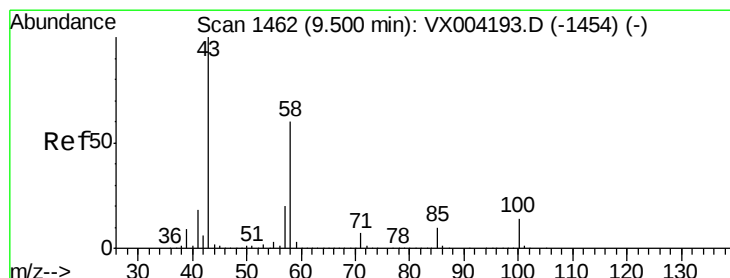
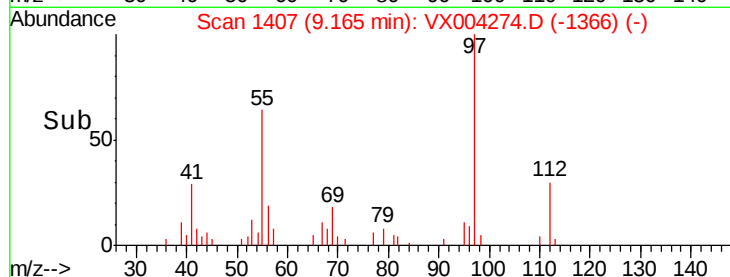
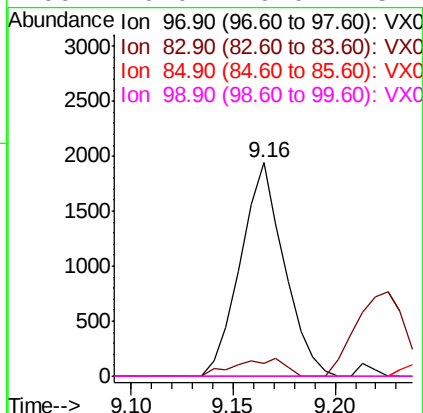
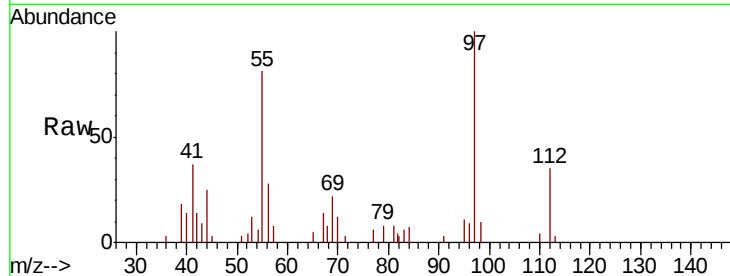




#55
 1,1,2-Trichloroethane
 Concen: 0.76 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.05 min
 Lab File: VX004274.D
 Acq: 28 Aug 2018 17:57

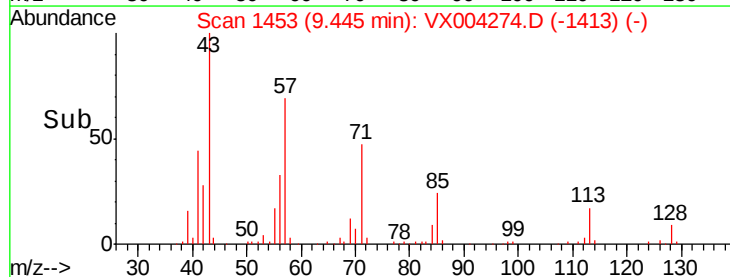
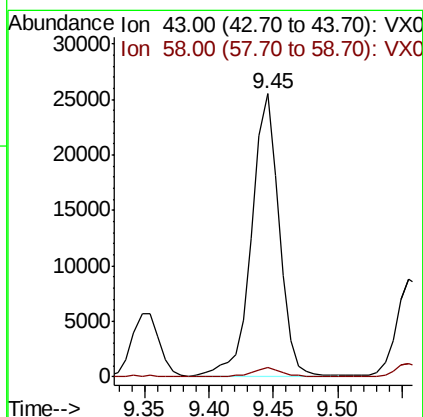
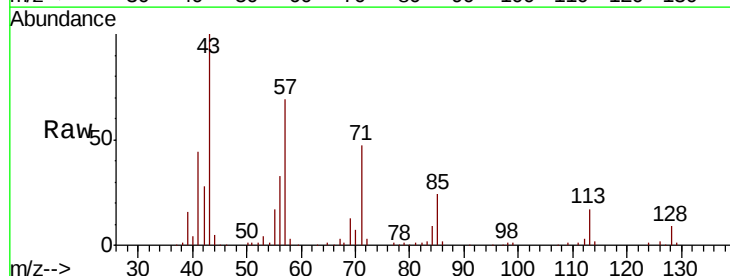
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-D7-GRABDL

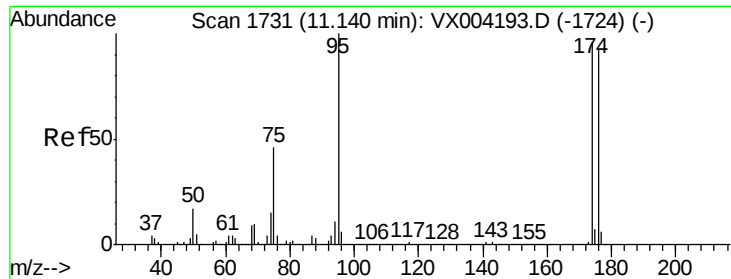
Tot Ion:	97	Resp:	2896
Ion	Ratio	Lower	Upper
97	100		
83	5.8	66.4	99.6#
85	0.0	43.3	64.9#
99	0.0	49.0	73.4#



#59
 2-Hexanone
 Concen: 8.85 ug/l
 RT: 9.45 min Scan# 1453
 Delta R.T. -0.06 min
 Lab File: VX004274.D
 Acq: 28 Aug 2018 17:57

Tgt Ion:	43	Resp:	37251
Ion	Ratio	Lower	Upper
43	100		
58	3.5	29.0	87.0#





#62

4-Bromofluorobenzene

Concen: 64.25 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

EP1-D7-GRABDL

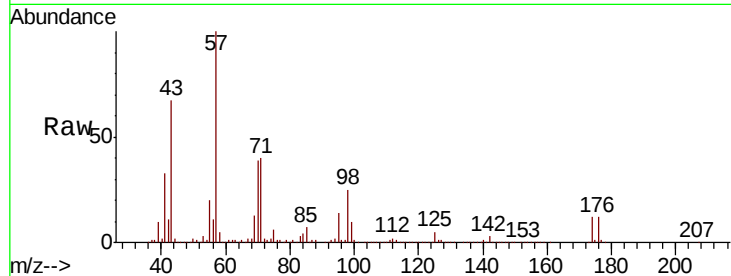
Tot Ion: 95 Resp: 300945

Ion Ratio Lower Upper

95 100

174 77.2 0.0 185.2

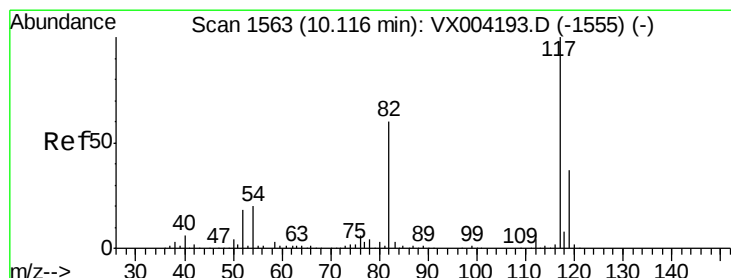
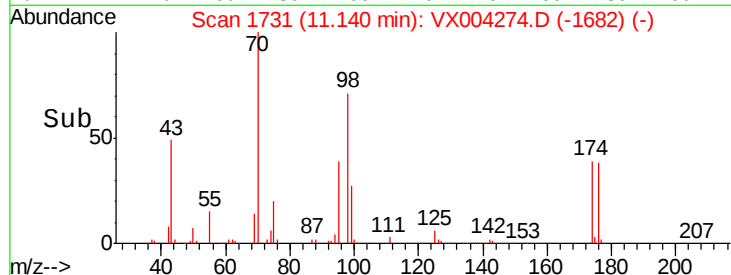
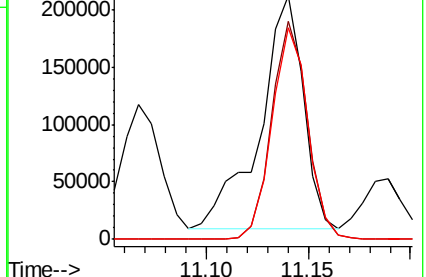
176 75.4 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

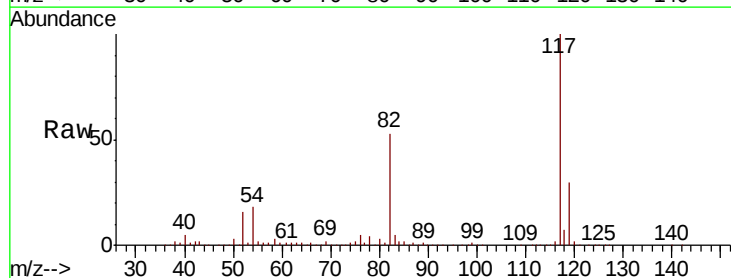
Tgt Ion: 117 Resp: 447188

Ion Ratio Lower Upper

117 100

82 52.6 47.8 71.6

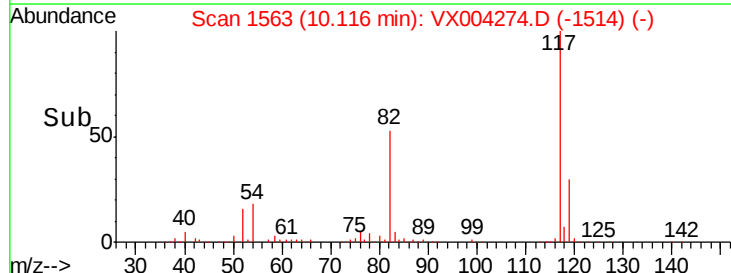
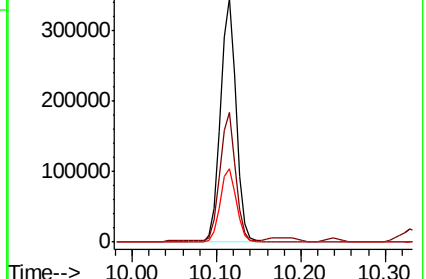
119 29.9 29.3 43.9

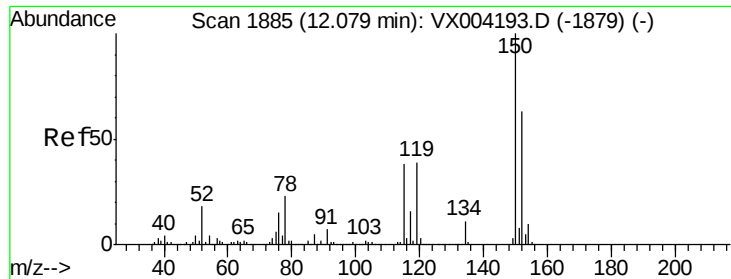


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

EP1-D7-GRABDL

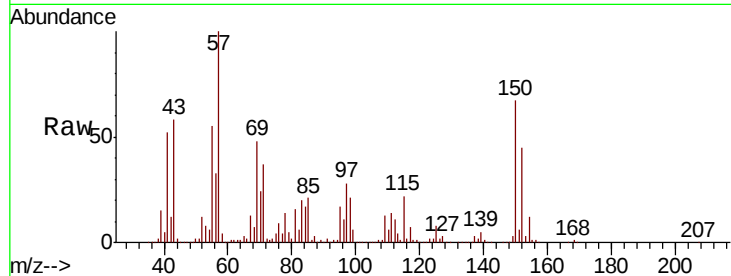
Tot Ion:152 Resp: 286195

Ion Ratio Lower Upper

152 100

115 51.5 39.0 117.0

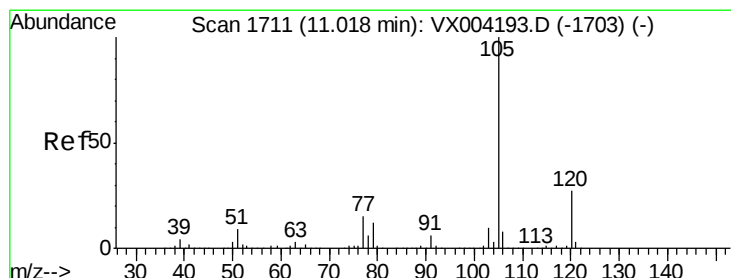
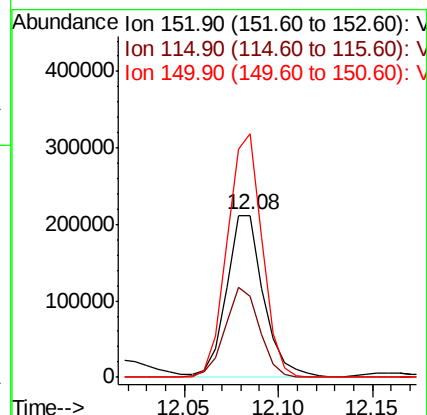
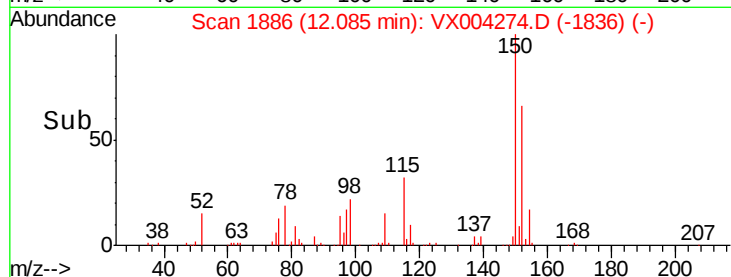
150 142.6 0.0 351.0



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



#73

Isopropylbenzene

Concen: 4.54 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004274.D

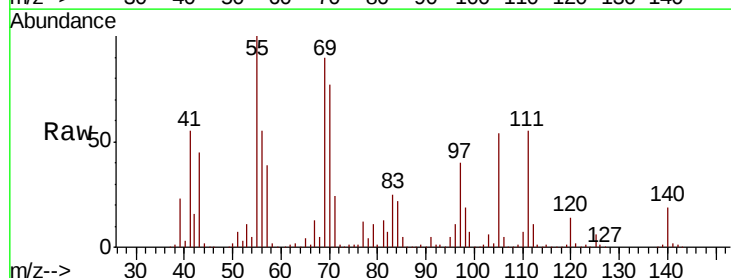
Acq: 28 Aug 2018 17:57

Tgt Ion:105 Resp: 85360

Ion Ratio Lower Upper

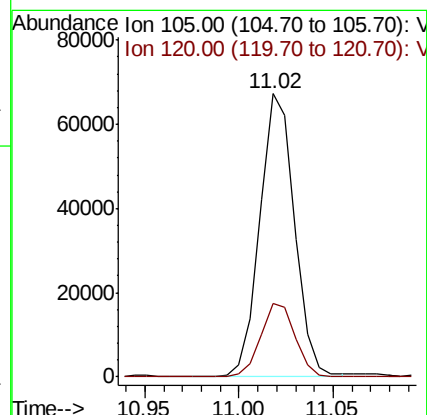
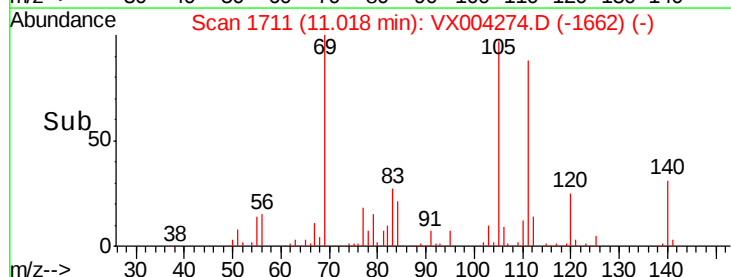
105 100

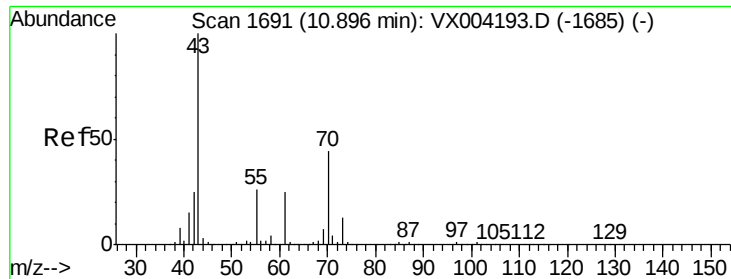
120 26.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 79.43 ug/l

RT: 10.91 min Scan# 1694

Delta R.T. 0.02 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

EP1-D7-GRABDL

Tot Ion: 43 Resp: 574832

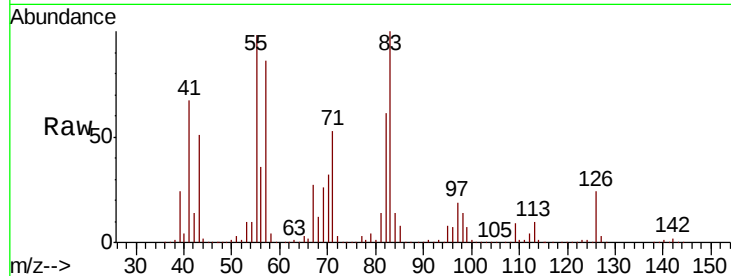
Ion Ratio Lower Upper

43 100

70 73.4 37.4 56.0#

55 149.7 21.8 32.8#

61 0.1 20.6 30.8#



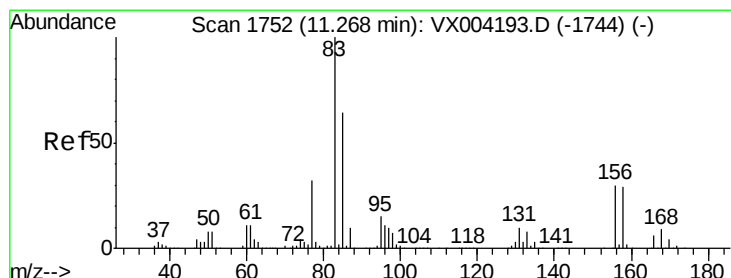
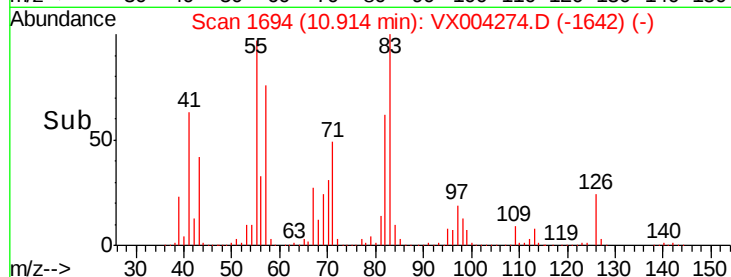
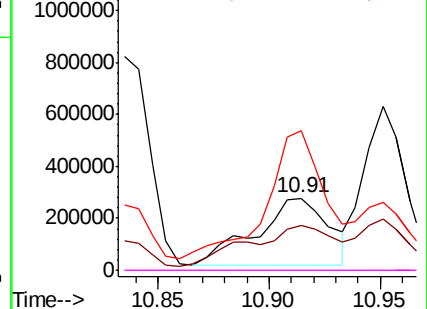
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 71.63 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

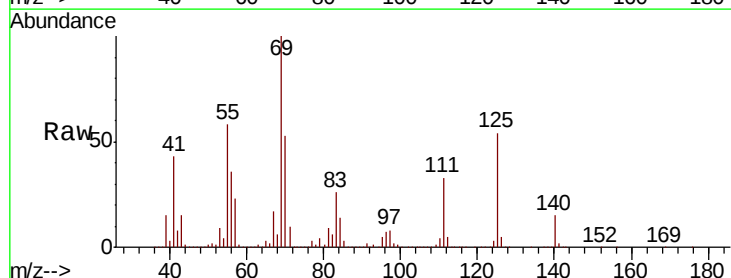
Tgt Ion: 83 Resp: 471159

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 0.0 32.3 96.8#

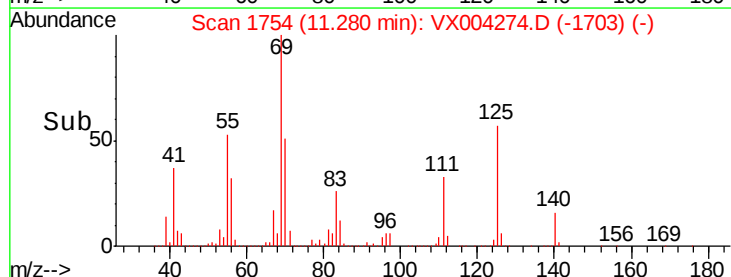
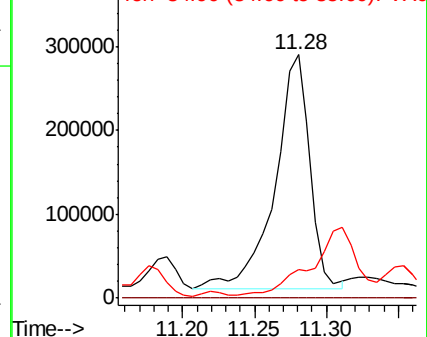


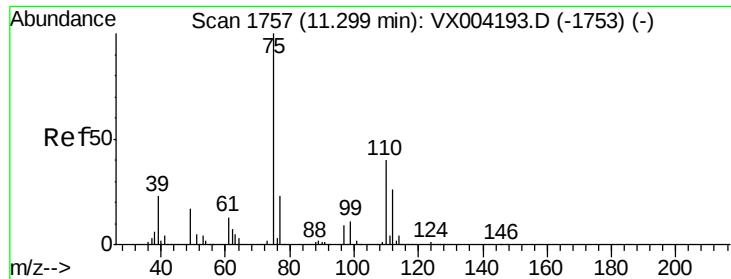
Abundance

Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

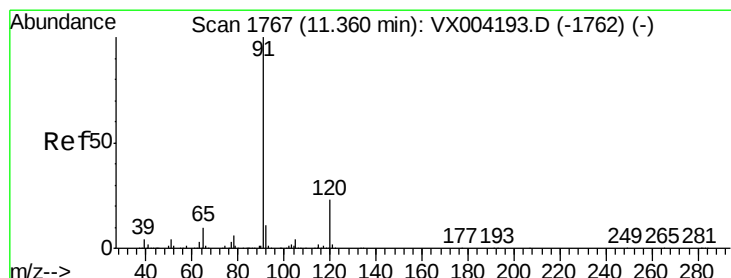
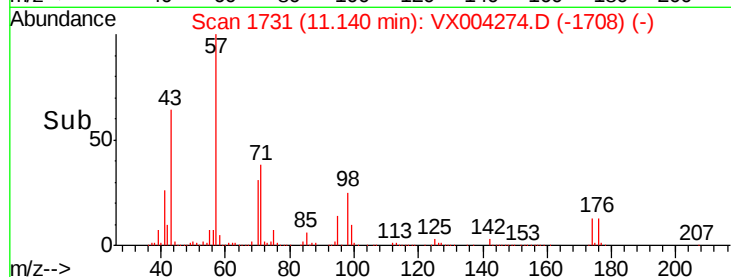
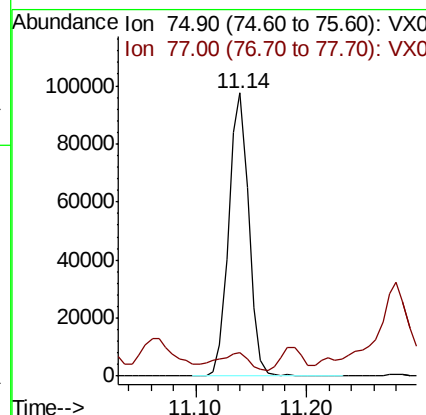
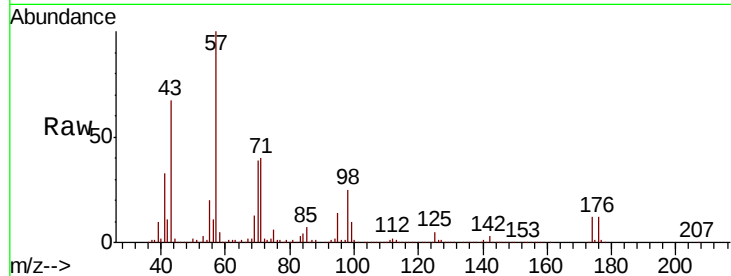




#76
 1,2,3-Trichloropropane
 Concen: 20.80 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX004274.D
 Acq: 28 Aug 2018 17:57

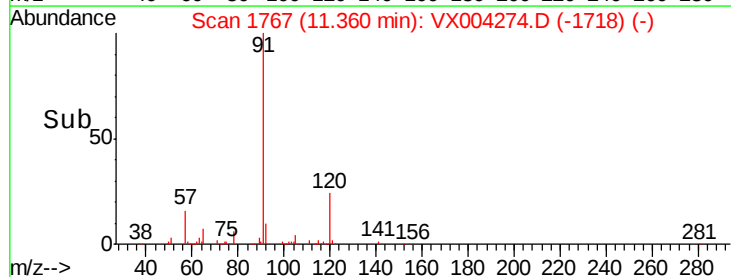
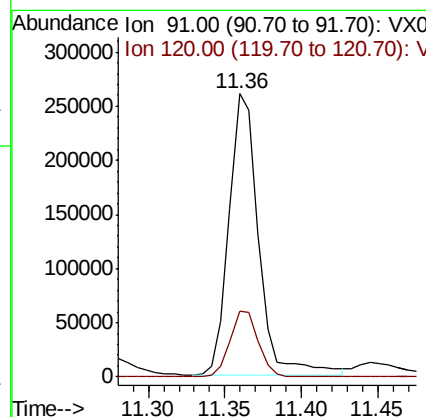
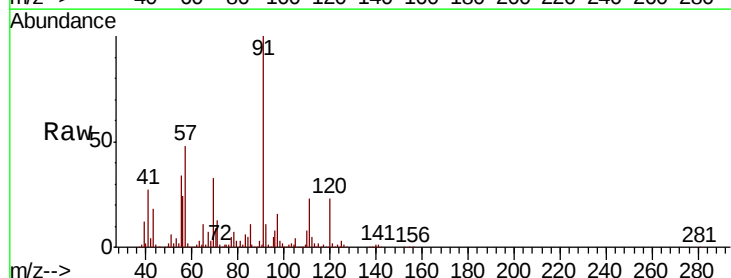
Instrument :
 MSVOA_X
 ClientSampleID :
 EP1-D7-GRABDL

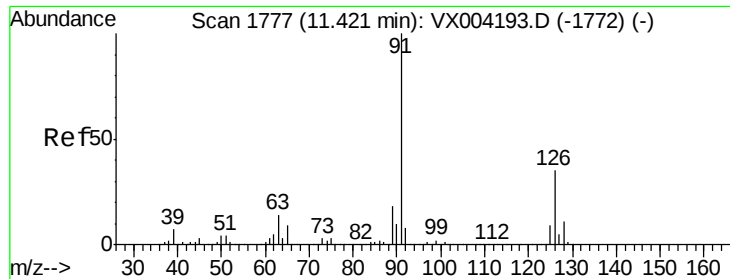
Tot Ion: 75 Resp: 121099
 Ion Ratio Lower Upper
 75 100
 77 9.4 20.2 60.6#



#78
 n-propylbenzene
 Concen: 16.15 ug/l
 RT: 11.36 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: VX004274.D
 Acq: 28 Aug 2018 17:57

Tgt Ion: 91 Resp: 349134
 Ion Ratio Lower Upper
 91 100
 120 22.4 11.9 35.9

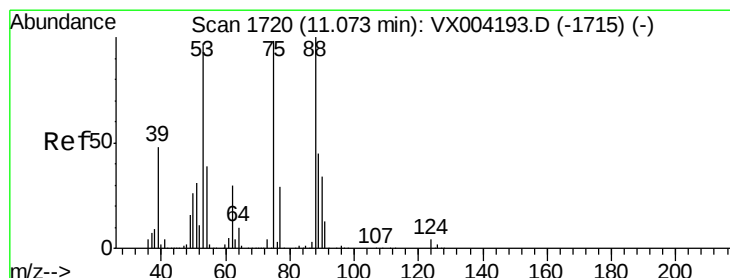
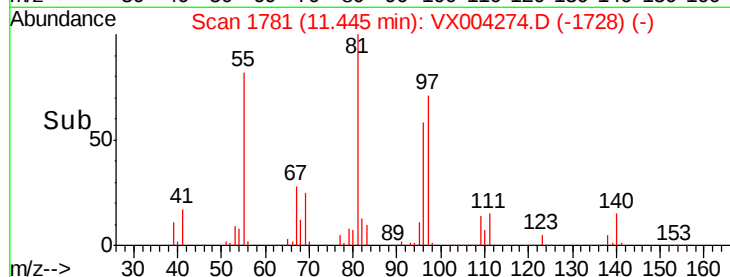
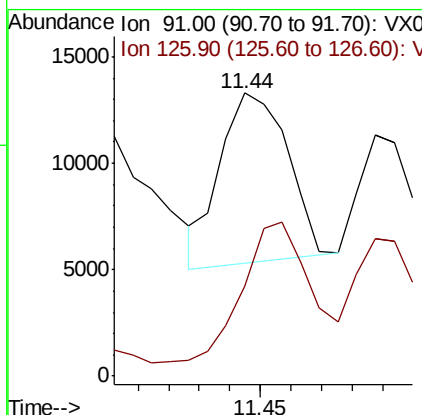
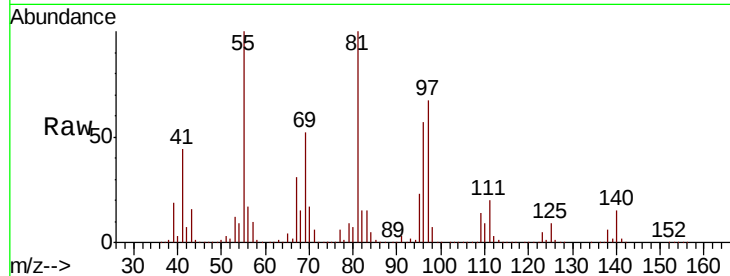




#79
 2-Chlorotoluene
 Concen: 0.91 ug/l
 RT: 11.44 min Scan# 1781
 Delta R.T. 0.02 min
 Lab File: VX004274.D
 Acq: 28 Aug 2018 17:57

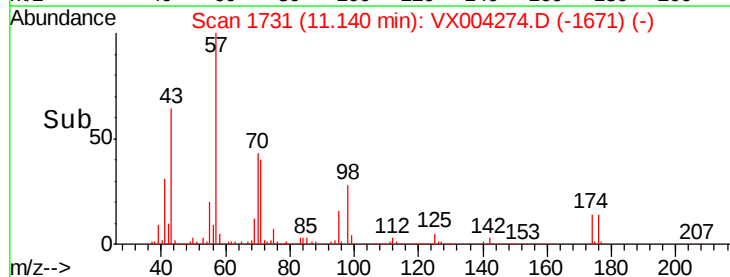
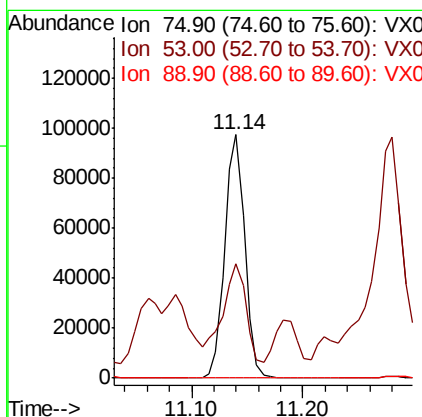
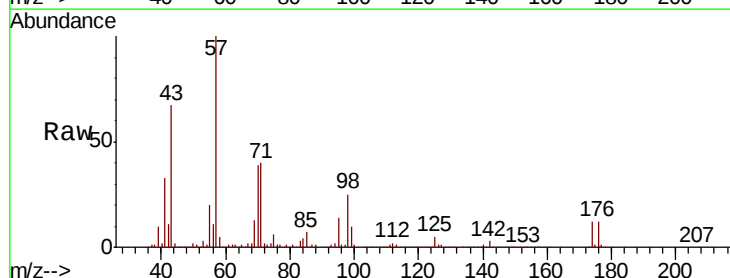
Instrument :
 MSVOA_X
 ClientSampled :
 EP1-D7-GRABDL

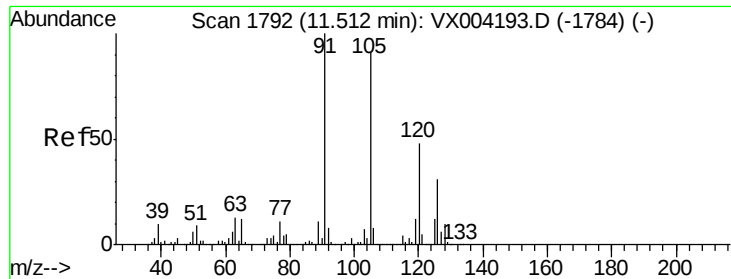
Tot Ion: 91 Resp: 12163
 Ion Ratio Lower Upper
 91 100
 126 83.3 17.9 53.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.50 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.07 min
 Lab File: VX004274.D
 Acq: 28 Aug 2018 17:57

Tgt Ion: 75 Resp: 121099
 Ion Ratio Lower Upper
 75 100
 53 46.9 80.1 120.1#
 89 0.0 37.2 55.8#

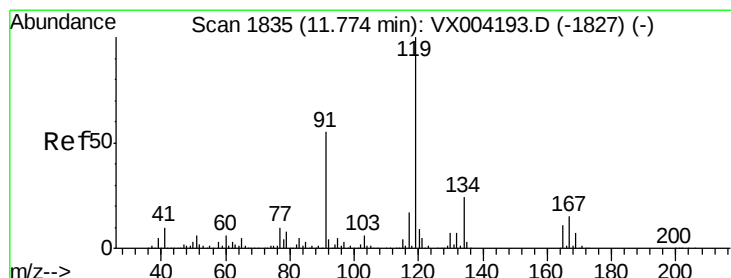
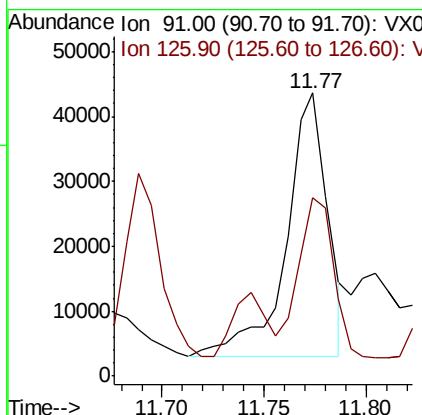
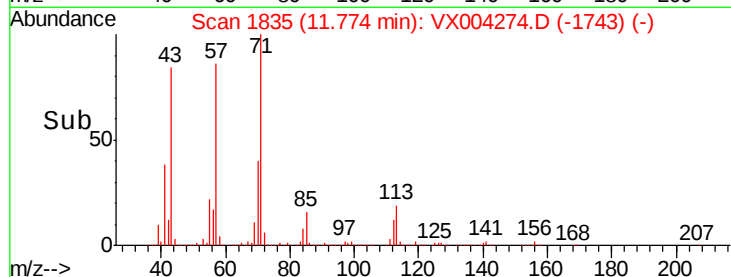
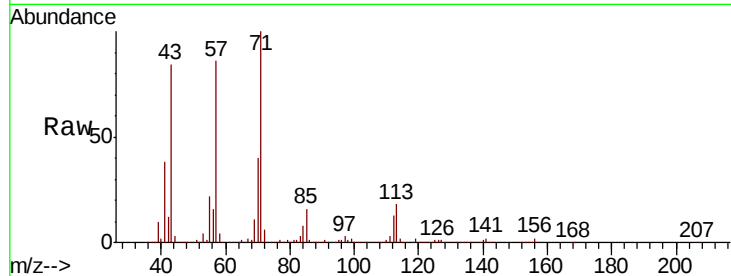




#82
4-Chlorotoluene
Concen: 3.64 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.26 min
Lab File: VX004274.D
Acq: 28 Aug 2018 17:57

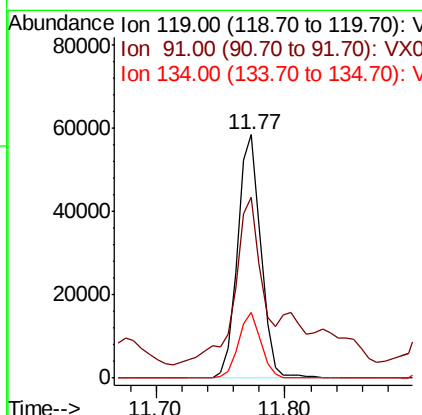
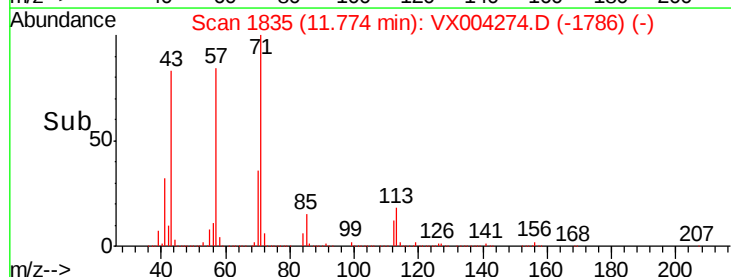
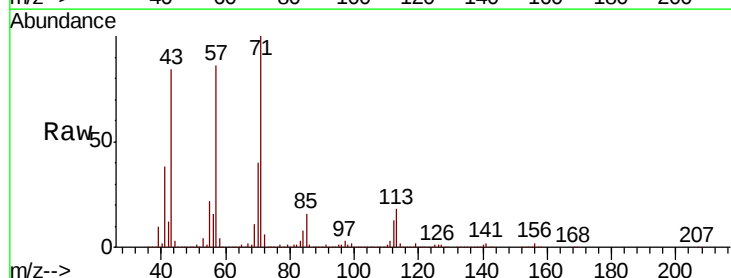
Instrument :
MSVOA_X
ClientSampleId :
EP1-D7-GRABDL

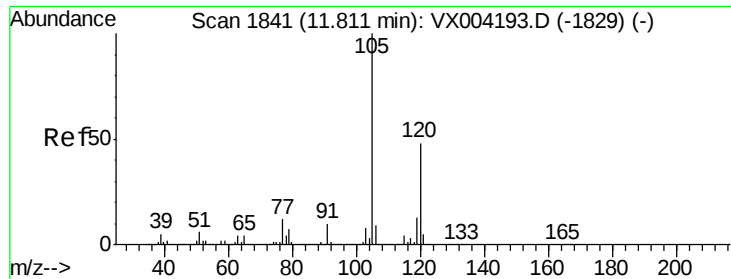
Tot Ion: 91 Resp: 56988
Ion Ratio Lower Upper
91 100
126 39.9 15.5 46.5



#83
tert-Butylbenzene
Concen: 4.67 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX004274.D
Acq: 28 Aug 2018 17:57

Tgt Ion: 119 Resp: 73149
Ion Ratio Lower Upper
119 100
91 82.6 27.0 81.0#
134 26.1 11.7 35.1

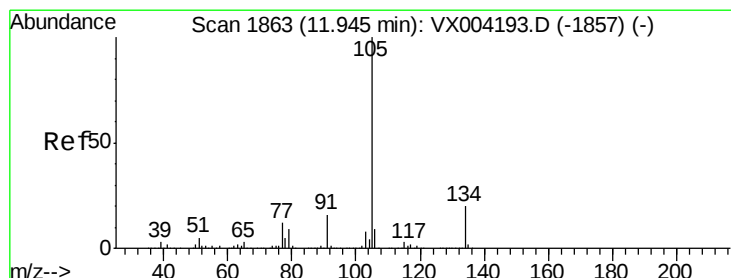
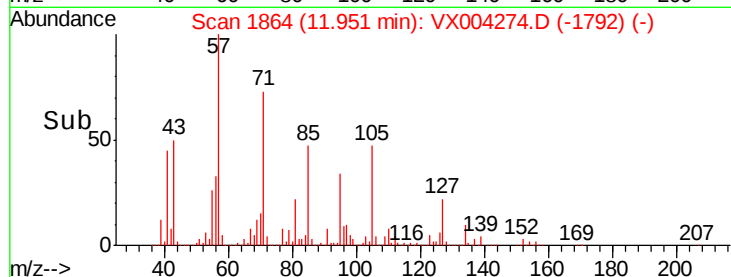
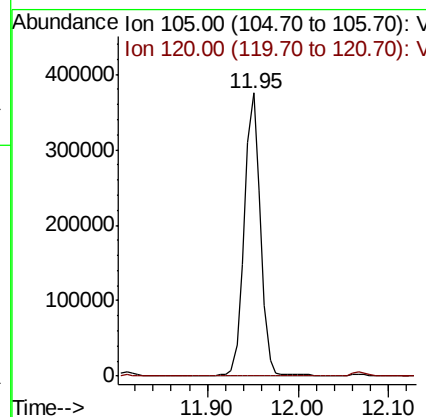
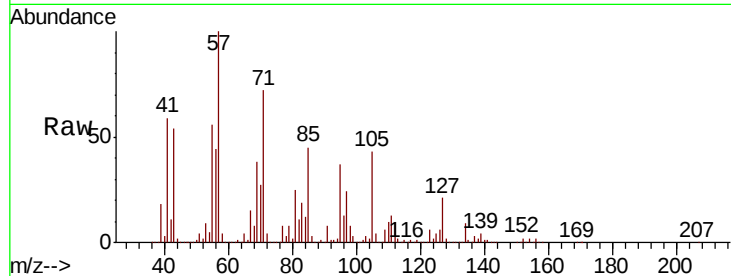




#84
 1,2,4-Trimethylbenzene
 Concen: 28.90 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.14 min
 Lab File: VX004274.D
 Acq: 28 Aug 2018 17:57

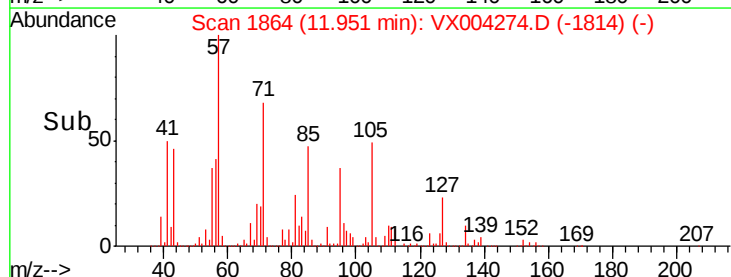
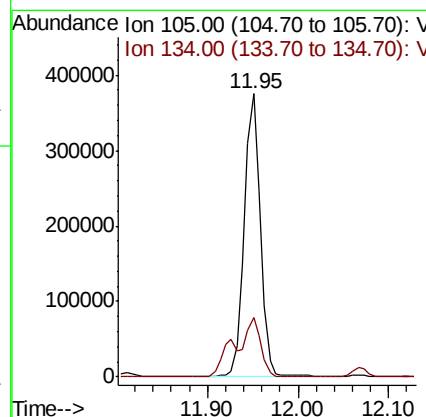
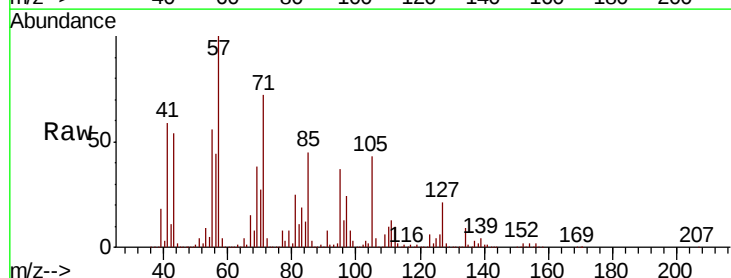
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-D7-GRABDL

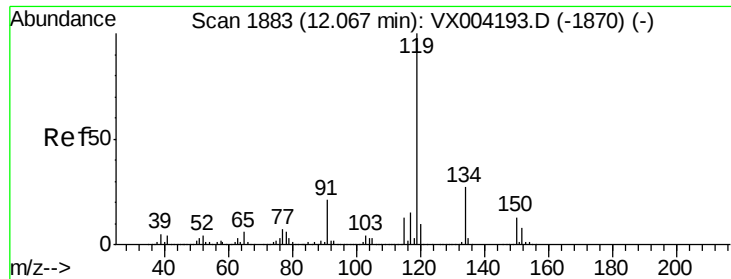
Tot Ion:105 Resp: 461786
 Ion Ratio Lower Upper
 105 100
 120 0.2 23.2 69.6#



#85
 sec-Butylbenzene
 Concen: 24.84 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.01 min
 Lab File: VX004274.D
 Acq: 28 Aug 2018 17:57

Tgt Ion:105 Resp: 461786
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.5 31.5

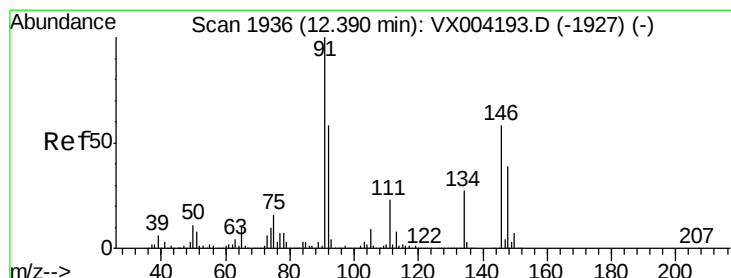
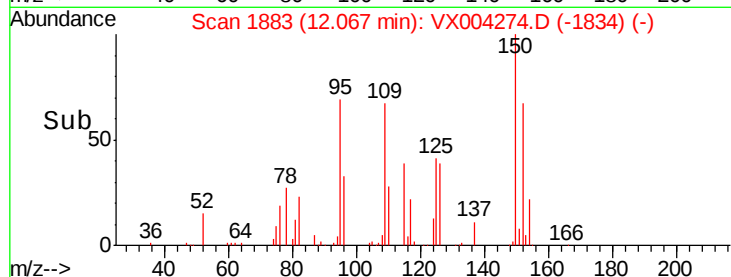
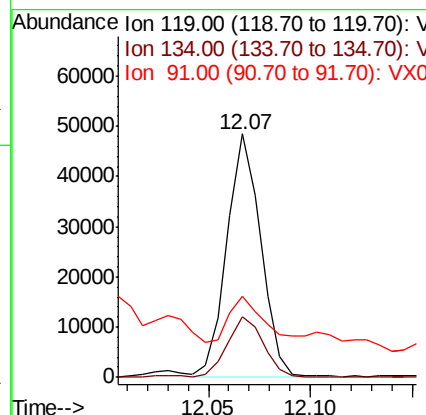
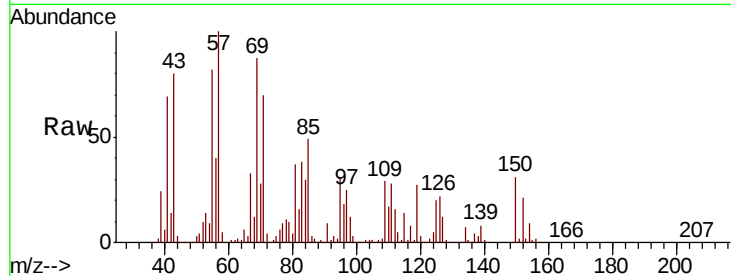




#86
 p-Isopropyltoluene
 Concen: 3.31 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004274.D
 Acq: 28 Aug 2018 17:57

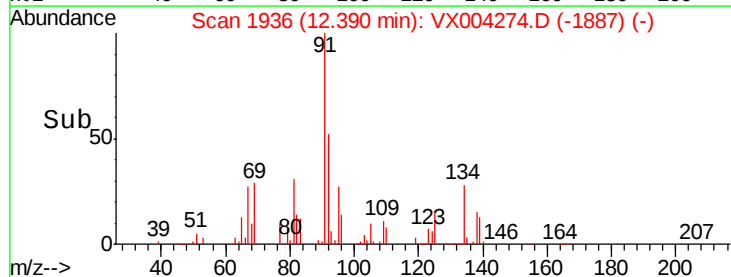
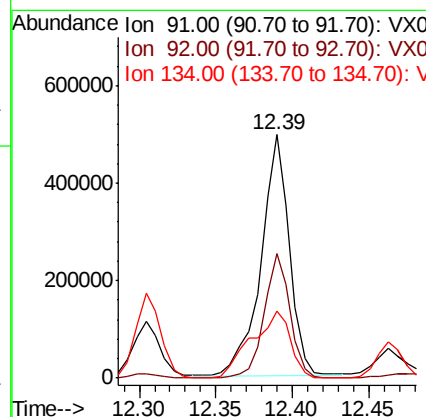
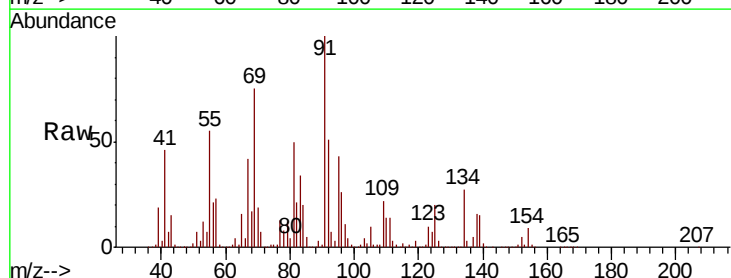
Instrument :
 MSVOA_X
 ClientSampled :
 EP1-D7-GRABDL

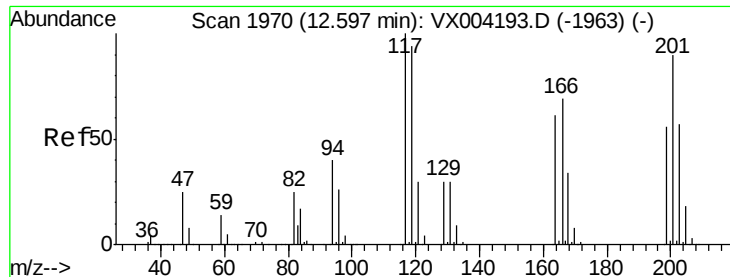
Tot Ion:119 Resp: 55121
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 18.8 10.9 32.7



#89
 n-Butylbenzene
 Concen: 47.48 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004274.D
 Acq: 28 Aug 2018 17:57

Tgt Ion: 91 Resp: 643311
 Ion Ratio Lower Upper
 91 100
 92 46.3 27.3 81.9
 134 37.6 13.6 40.7





#90

Hexachloroethane

Concen: 65.16 ug/l

RT: 12.67 min Scan# 1982

Delta R.T. 0.07 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

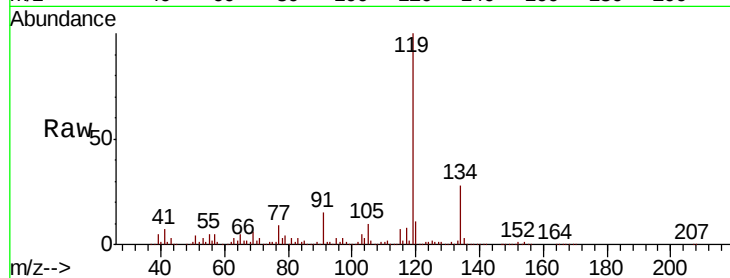
EP1-D7-GRABDL

Tot Ion:117 Resp: 151759

Ion Ratio Lower Upper

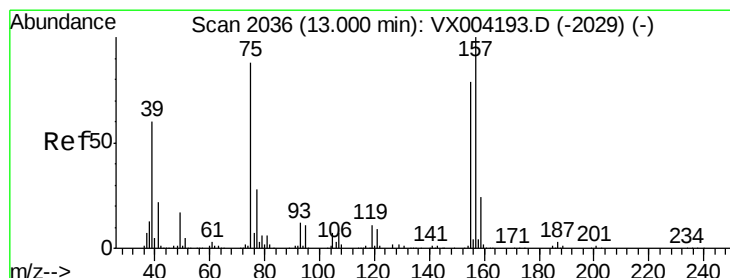
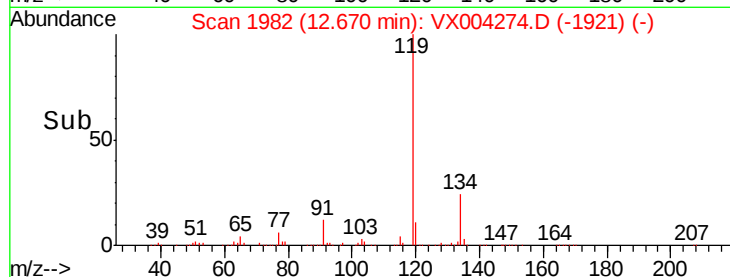
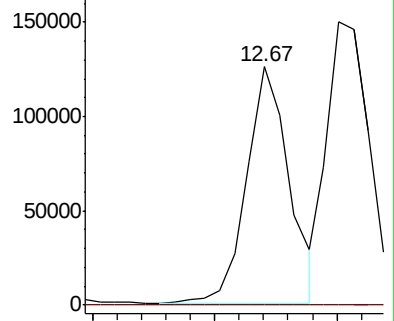
117 100

201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.50 ug/l

RT: 13.02 min Scan# 2039

Delta R.T. 0.02 min

Lab File: VX004274.D

Acq: 28 Aug 2018 17:57

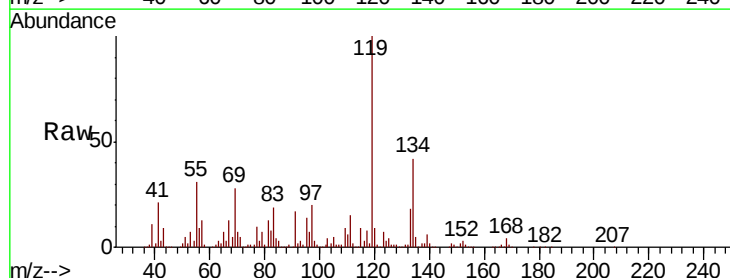
Tgt Ion: 75 Resp: 1742

Ion Ratio Lower Upper

75 100

155 32.8 48.0 144.2#

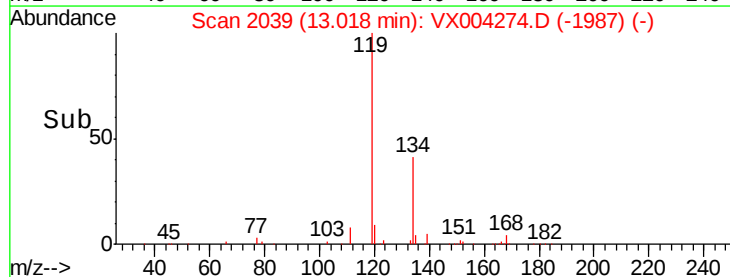
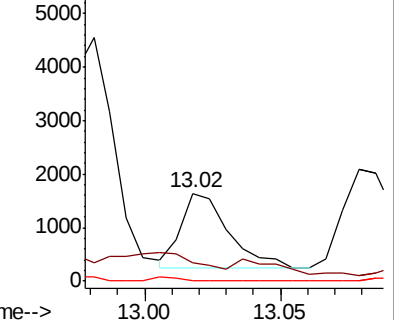
157 3.0 61.4 184.1#

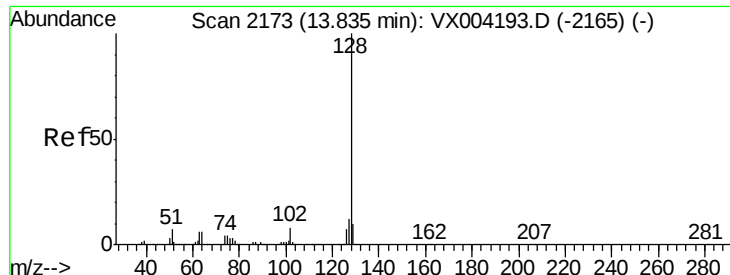


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 0.53 ug/l
RT: 13.81 min Scan# 2169
Delta R.T. -0.02 min
Lab File: VX004274.D
Acq: 28 Aug 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
EP1-D7-GRABDL

Tot Ion	Ratio	Lower	Upper
128	100		
127	30.4	10.2	15.2#
129	77.1	8.6	12.8#

