

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082218\
 Data File : VN050835.D
 Acq On : 22 Aug 2018 21:37
 Operator : MD\SY
 Sample : J4586-02 DL 40X
 Misc : 6.61g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-240-UST-SLUDGEDL

Quant Time: Aug 23 01:10:51 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	733141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1159774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1011219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	456930	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	450637	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	7.59	113	424912	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
50) Toluene-d8	10.09	98	1606348	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
62) 4-Bromofluorobenzene	12.40	95	524759	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	2857	0.24	ug/l	90
5) Bromomethane	2.57	94	3153	Below	Cal	97
10) Methyl Iodide	3.95	142	526	6.40	ug/l #	43
13) Acrolein	3.57	56	299	18.76	ug/l #	1
16) Acetone	3.82	43	4885	Below	Cal	96
18) Methyl Acetate	4.33	43	13409	1.61	ug/l	95
29) Tetrahydrofuran	7.22	42	556	0.27	ug/l #	33
31) Cyclohexane	7.66	56	30159	2.46	ug/l #	31
36) 1,1-Dichloropropene	7.67	75	48424	3.54	ug/l #	49
38) Carbon Tetrachloride	7.67	117	64427	4.66	ug/l #	16
39) Methylcyclohexane	9.08	83	44379	3.00	ug/l	98
40) Benzene	8.04	78	112590	2.73	ug/l	99
43) Isopropyl Acetate	8.26	43	145196	10.74	ug/l #	59
52) Toluene	10.16	92	450765	18.44	ug/l	98
53) t-1,3-Dichloropropene	10.16	75	4615	0.35	ug/l #	1
55) 1,1,2-Trichloroethane	10.53	97	7592	0.84	ug/l #	17
56) Ethyl methacrylate	10.43	69	1733	2.49	ug/l #	31
58) 2-Chloroethyl Vinyl ether	9.97	63	148	12.25	ug/l #	47
67) Ethyl Benzene	11.51	91	452301	10.53	ug/l	98
68) m/p-Xylenes	11.62	106	714559	43.81	ug/l	99
69) o-Xylene	11.95	106	308630	19.68	ug/l	100
70) Styrene	11.96	104	29321	2.30	ug/l #	1
73) Isopropylbenzene	12.25	105	64479	1.70	ug/l	98
74) N-ethyl acetate	12.05	43	3551	0.37	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.48	83	76	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.40	75	247221	30.89	ug/l #	100
78) n-propylbenzene	12.59	91	237580	5.62	ug/l	99
79) 2-Chlorotoluene	12.65	91	87920	3.34	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	363258	11.90	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	247221	104.43	ug/l #	15
82) 4-Chlorotoluene	12.73	91	37104	1.43	ug/l #	40
83) tert-Butylbenzene	13.04	119	166036	6.28	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.04	105	1339592	43.62	ug/l	99
85) sec-Butylbenzene	13.04	105	1339592	38.67	ug/l #	56

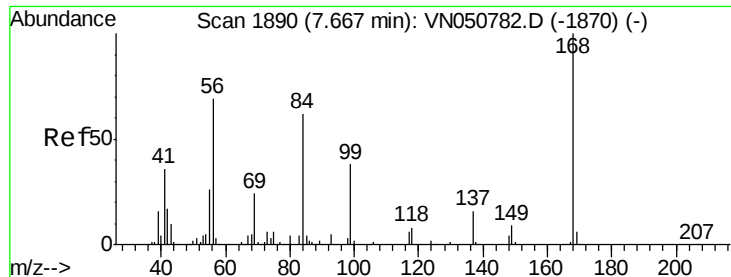
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082218\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.29	119	24902	0.84	ug/l	98
89) n-Butylbenzene	13.61	91	49550	2.10	ug/l #	63
90) Hexachloroethane	13.89	117	29196	5.35	ug/l #	4
91) 1,2-Dichlorobenzene	13.65	146	51832	3.08	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1384	1.02	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	35	4.09	ug/l #	24
95) Naphthalene	15.13	128	585993	34.03	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	32	3.30	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050835.D

Acq: 22 Aug 2018 21:37

Instrument :

MSVOA_N

ClientSampleId :

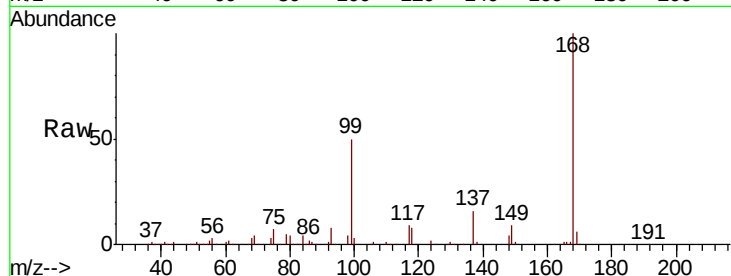
EP1-240-UST-SLUGEDL

Tot Ion:168 Resp: 733141

Ion Ratio Lower Upper

168 100

99 49.6 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

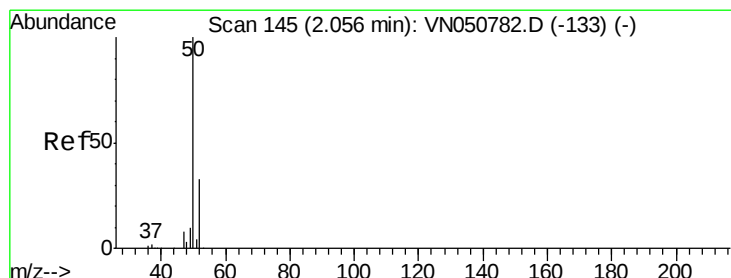
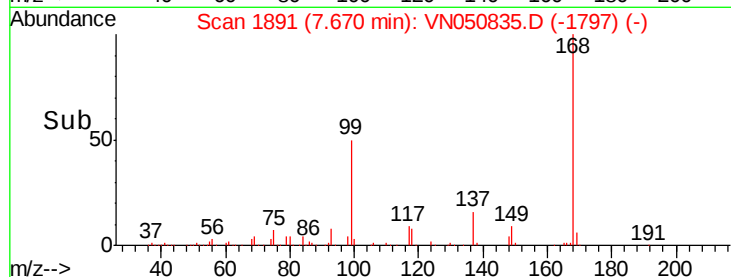
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#3

Chloromethane

Concen: 0.24 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050835.D

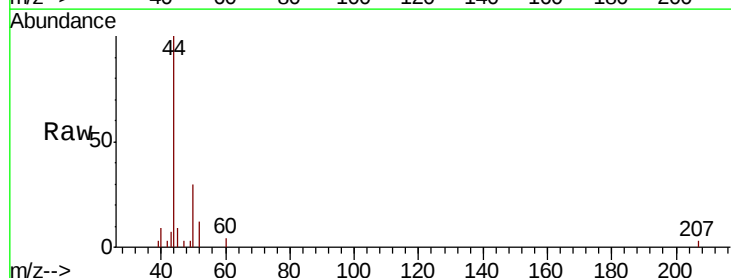
Acq: 22 Aug 2018 21:37

Tgt Ion: 50 Resp: 2857

Ion Ratio Lower Upper

50 100

52 38.8 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

2000

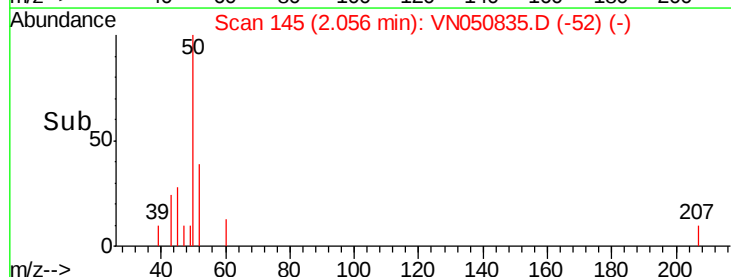
1500

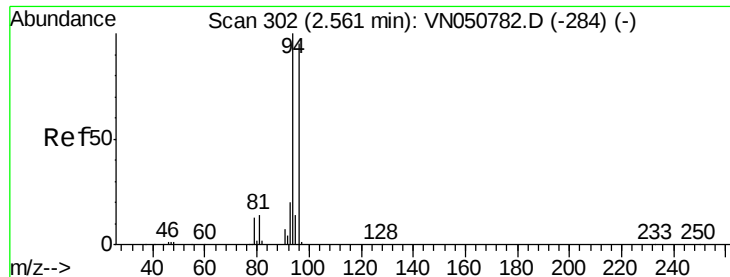
1000

500

0

Time--> 2.05 2.10





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN050835.D

Acq: 22 Aug 2018 21:37

Instrument :

MSVOA_N

ClientSampleId :

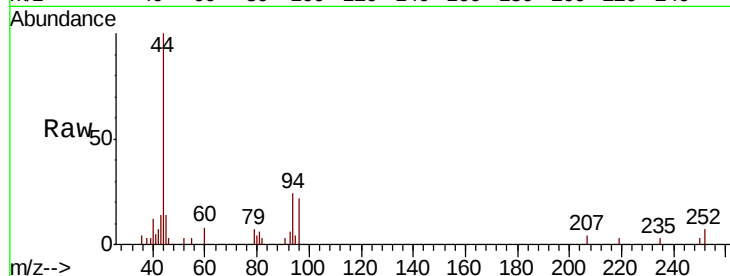
EP1-240-UST-SLUDGEDL

Tot Ion: 94 Resp: 3153

Ion Ratio Lower Upper

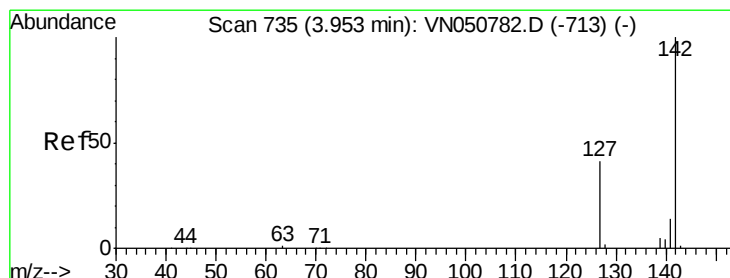
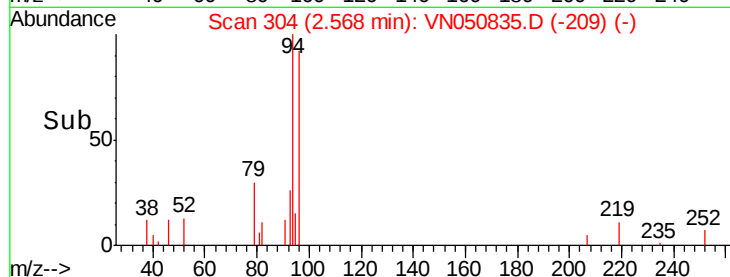
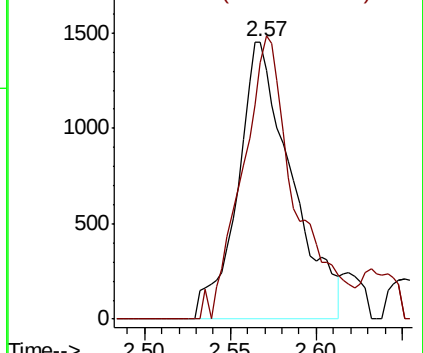
94 100

96 92.4 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#10

Methyl Iodide

Concen: 6.40 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN050835.D

Acq: 22 Aug 2018 21:37

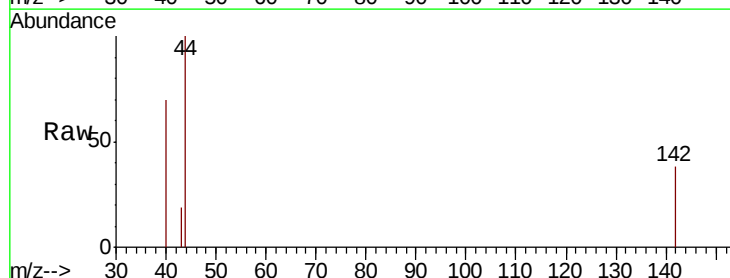
Tgt Ion: 142 Resp: 526

Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

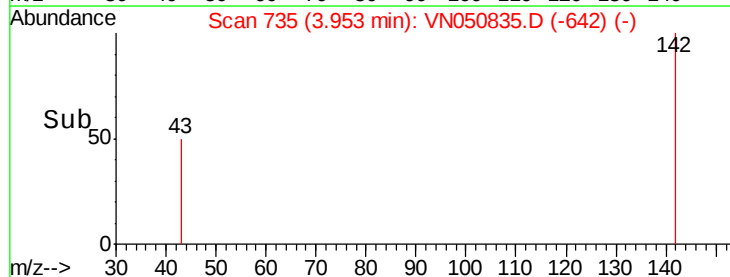
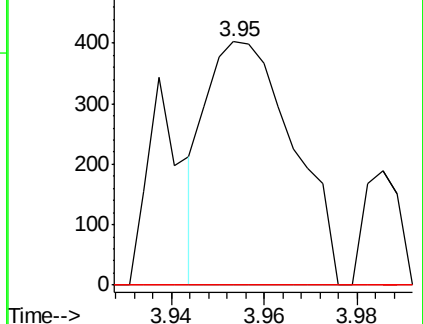
141 0.0 11.4 17.0#

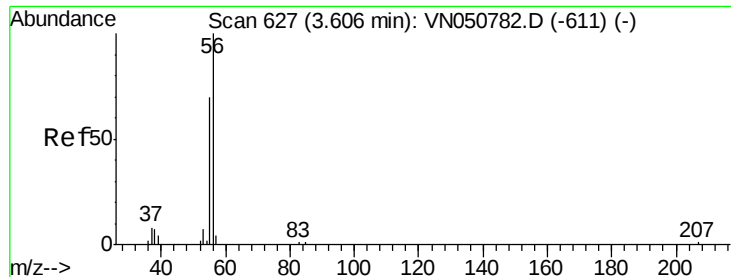


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#13

Acrolein

Concen: 18.76 ug/l

RT: 3.57 min Scan# 615

Delta R.T. -0.04 min

Lab File: VN050835.D

Acq: 22 Aug 2018 21:37

Instrument :

MSVOA_N

ClientSampleId :

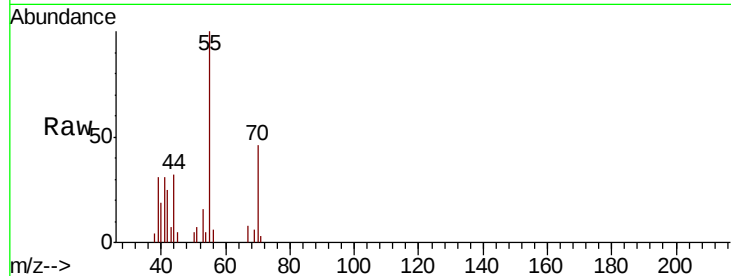
EP1-240-UST-SLUDGEDL

Tot Ion: 56 Resp: 299

Ion Ratio Lower Upper

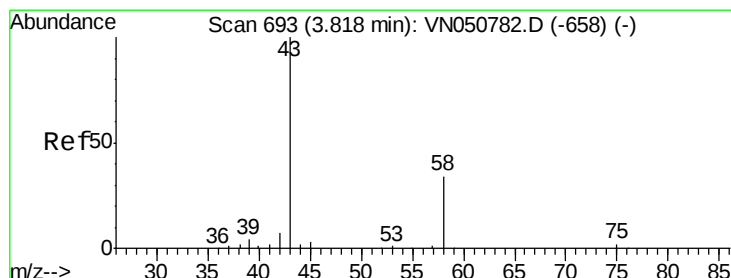
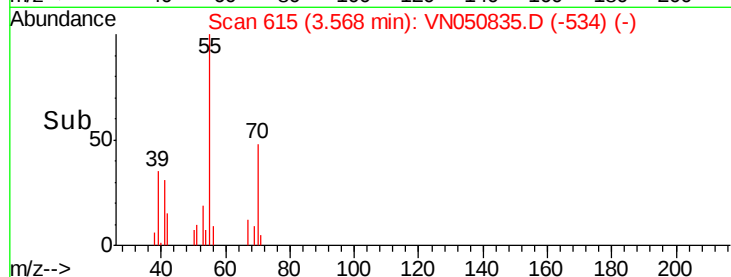
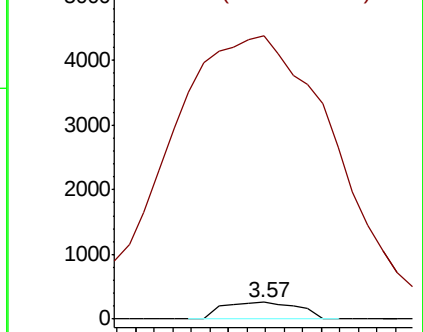
56 100

55 3847.8 57.7 86.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050835.D

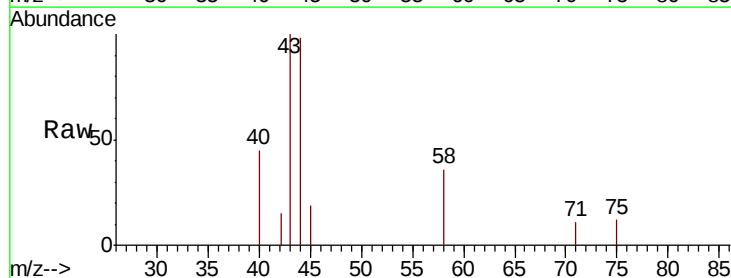
Acq: 22 Aug 2018 21:37

Tgt Ion: 43 Resp: 4885

Ion Ratio Lower Upper

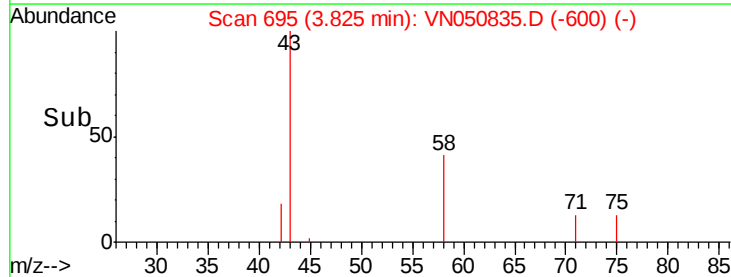
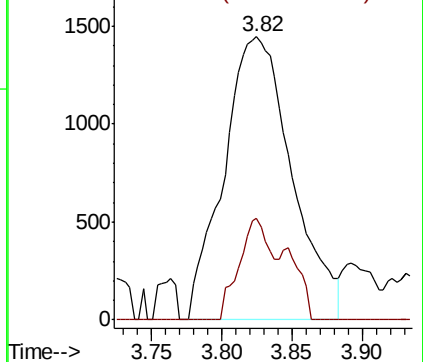
43 100

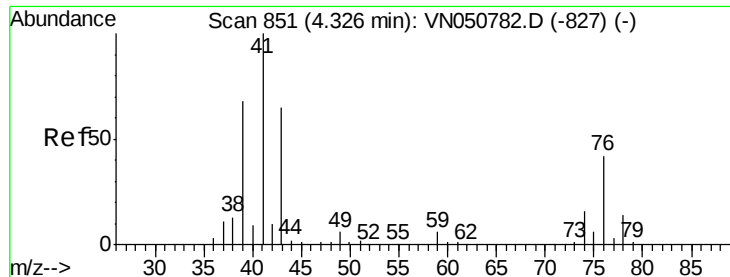
58 36.1 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

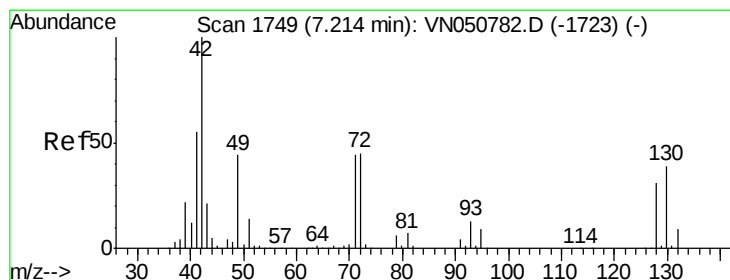
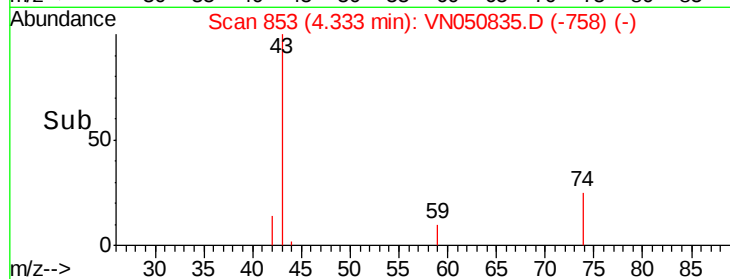
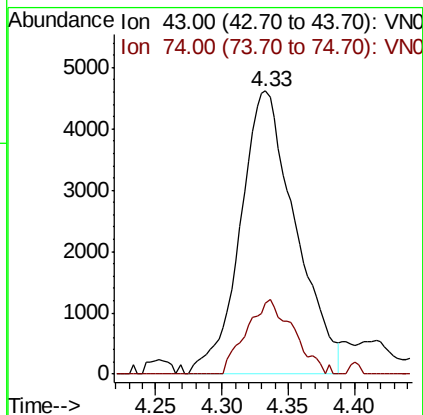
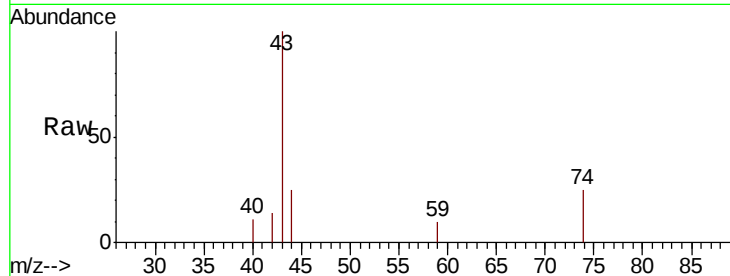




#18
Methvl Acetate
Concen: 1.61 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050835.D
Acq: 22 Aug 2018 21:37

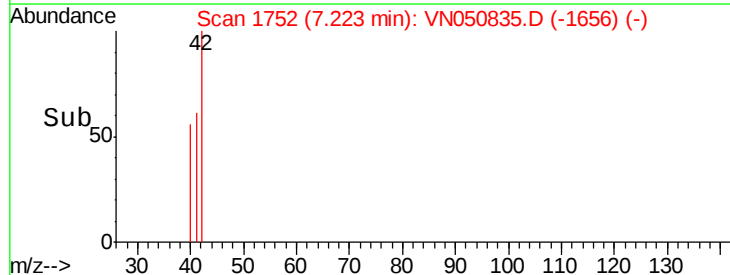
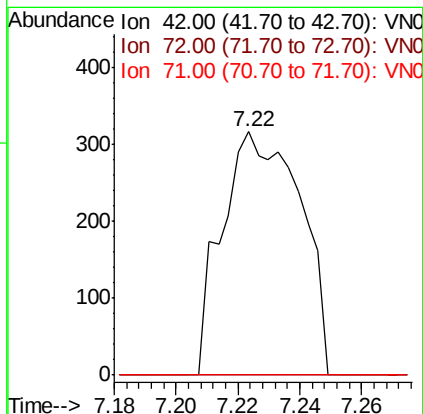
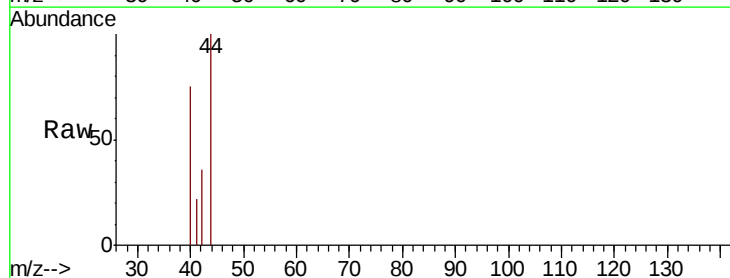
Instrument :
MSVOA_N
ClientSampleId :
EP1-240-UST-SLUDGEDL

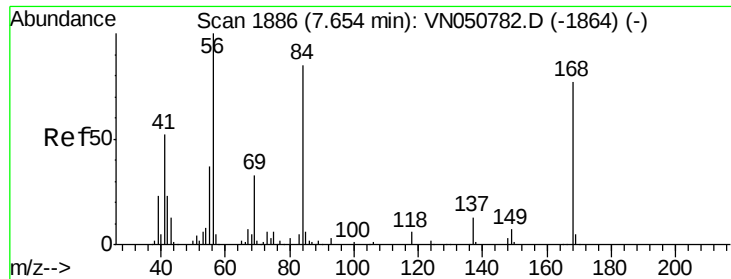
Tot Ion: 43 Resp: 13409
Ion Ratio Lower Upper
43 100
74 22.5 19.8 29.8



#29
Tetrahydrofuran
Concen: 0.27 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.01 min
Lab File: VN050835.D
Acq: 22 Aug 2018 21:37

Tgt Ion: 42 Resp: 556
Ion Ratio Lower Upper
42 100
72 0.0 35.5 53.3#
71 0.0 33.7 50.5#

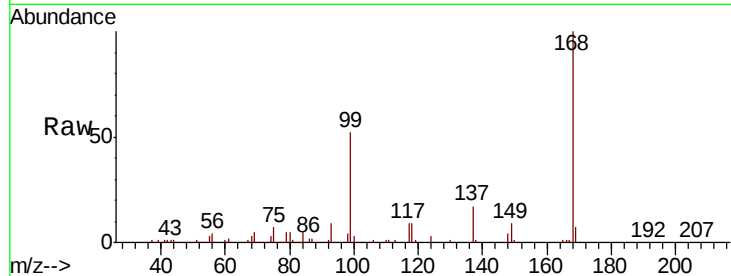




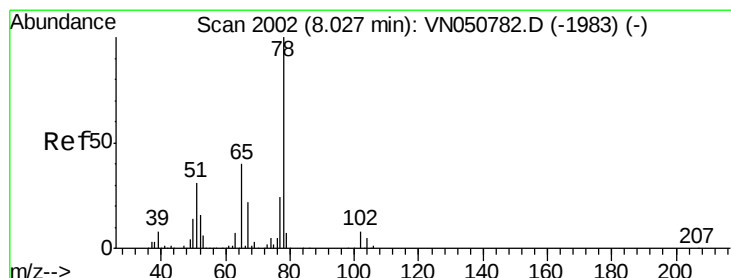
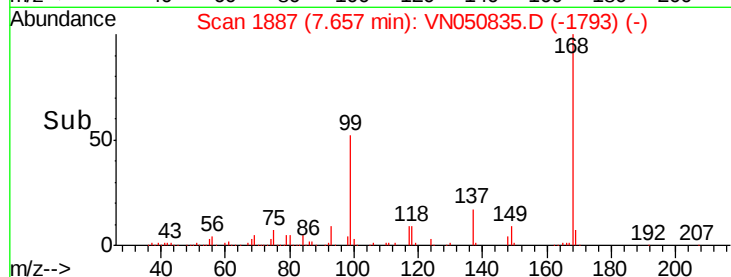
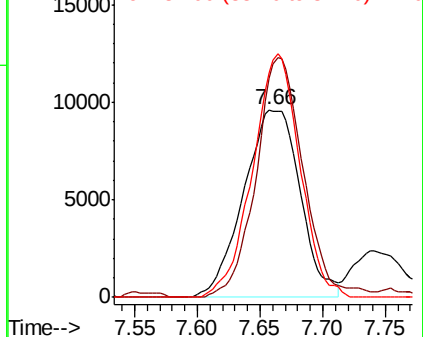
#31
Cyclohexane
Concen: 2.46 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN050835.D
Acq: 22 Aug 2018 21:37

Instrument :
MSVOA_N
ClientSampleId :
EP1-240-UST-SLUDGEDL

Tot Ion: 56 Resp: 30159
Ion Ratio Lower Upper
56 100
69 117.2 26.2 39.4#
84 119.6 68.3 102.5#

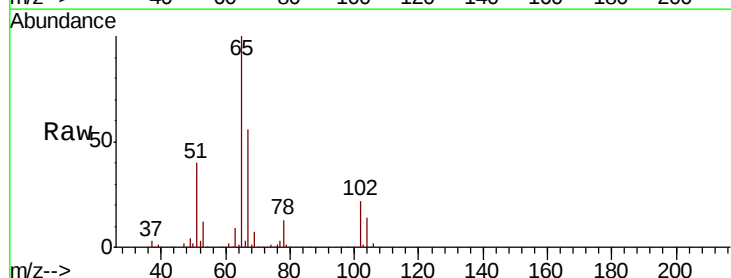


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

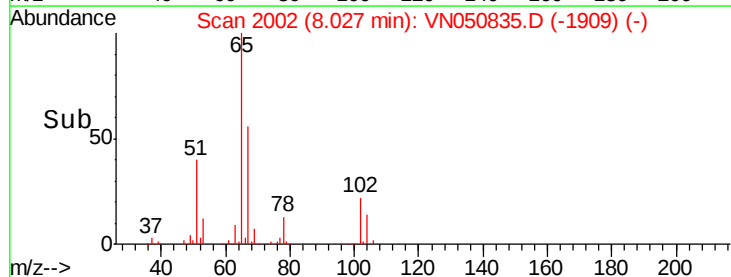
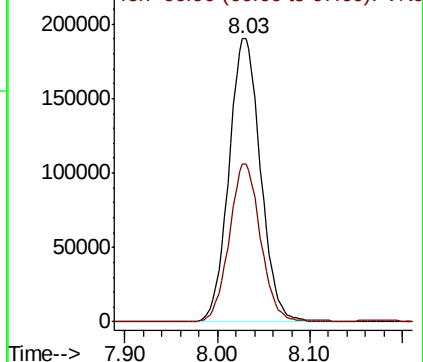


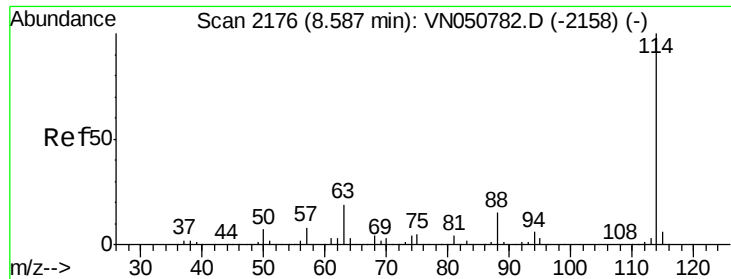
#33
1,2-Dichloroethane-d4
Concen: 51.06 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. 0.00 min
Lab File: VN050835.D
Acq: 22 Aug 2018 21:37

Tgt Ion: 65 Resp: 450637
Ion Ratio Lower Upper
65 100
67 55.2 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

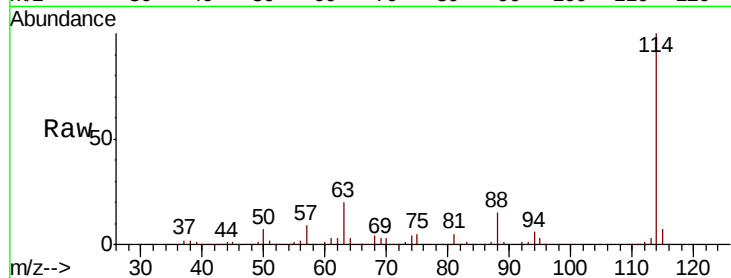




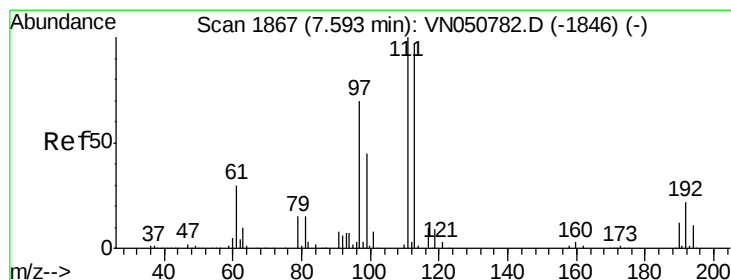
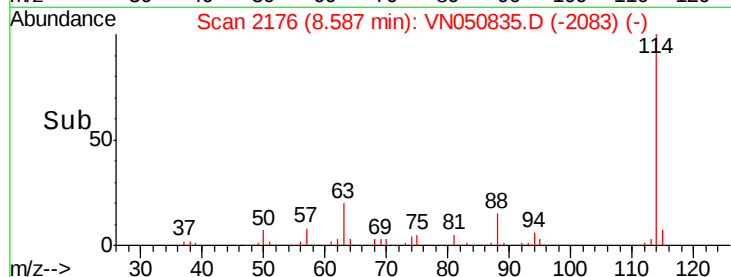
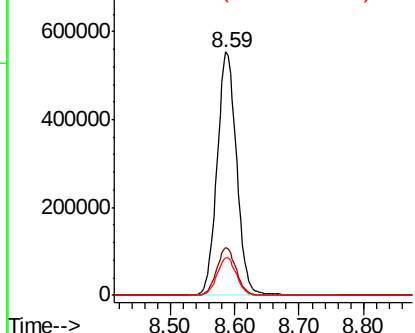
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050835.D
 Acq: 22 Aug 2018 21:37

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-240-UST-SLUDGEDL

Tot Ion:114 Resp: 1159774
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 15.4 0.0 30.6

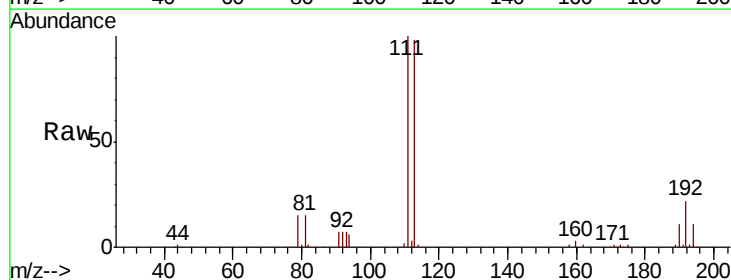


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

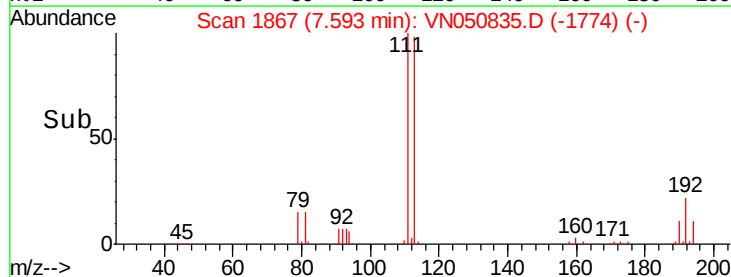
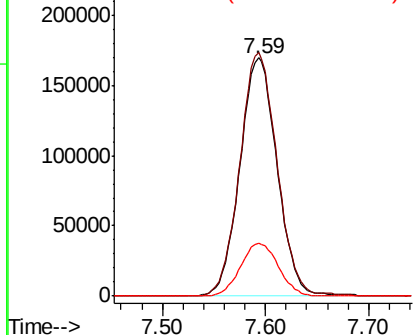


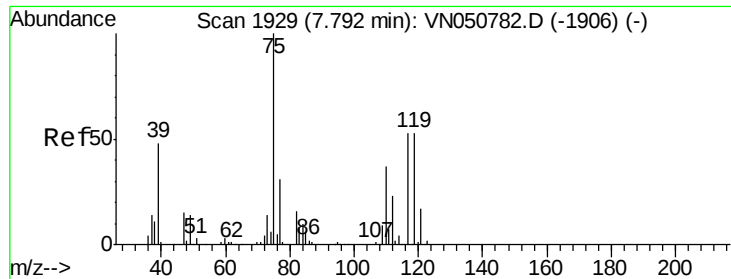
#35
 Dibromofluoromethane
 Concen: 46.05 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050835.D
 Acq: 22 Aug 2018 21:37

Tgt Ion:113 Resp: 424912
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.6 123.8
 192 22.7 18.0 27.0



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

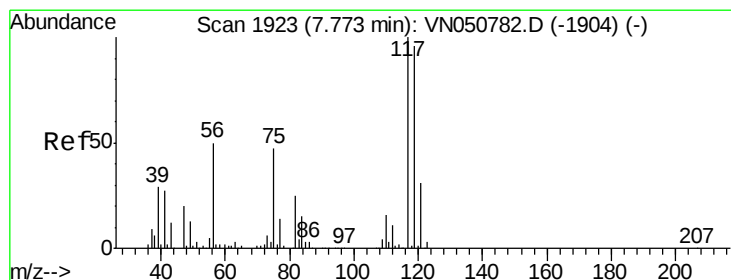
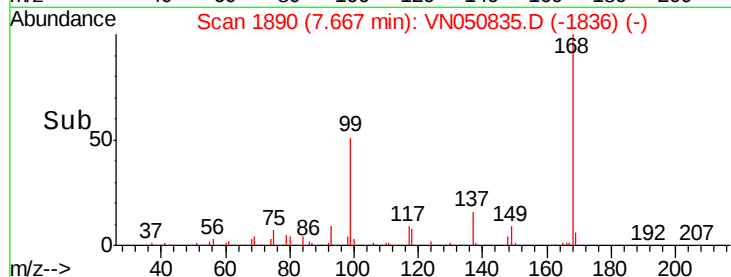
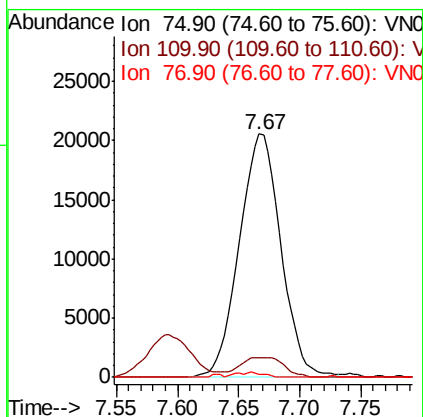
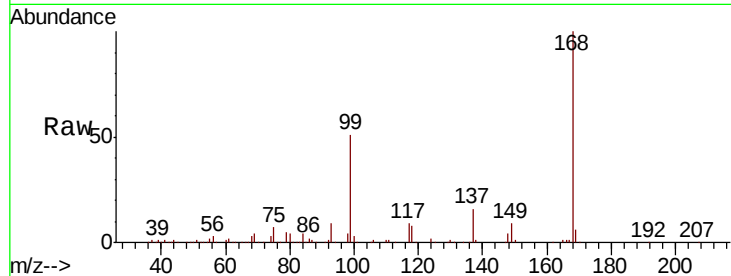




#36
 1,1-Dichloropropene
 Concen: 3.54 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050835.D
 Acq: 22 Aug 2018 21:37

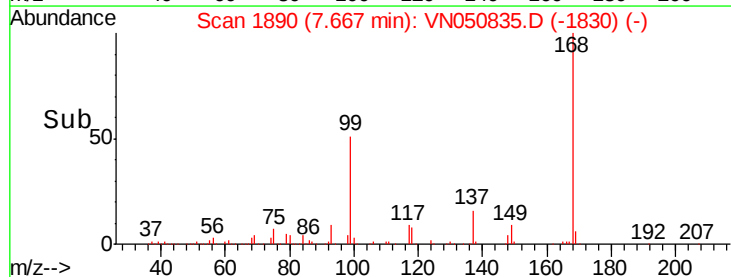
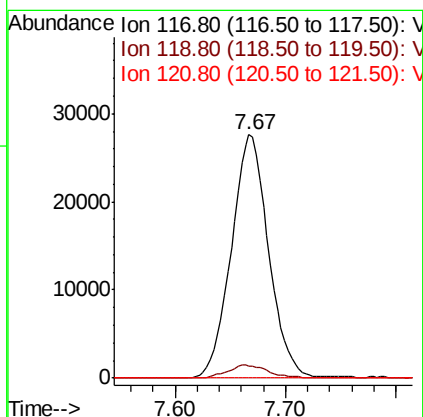
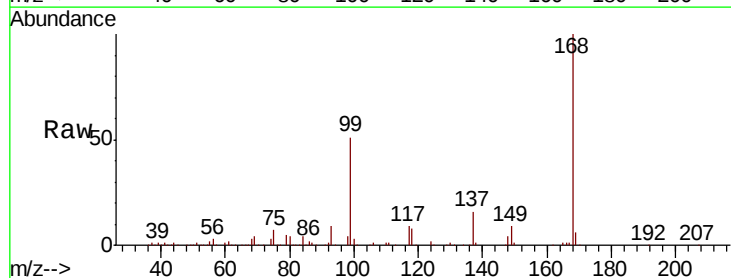
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-240-UST-SLUGEDL

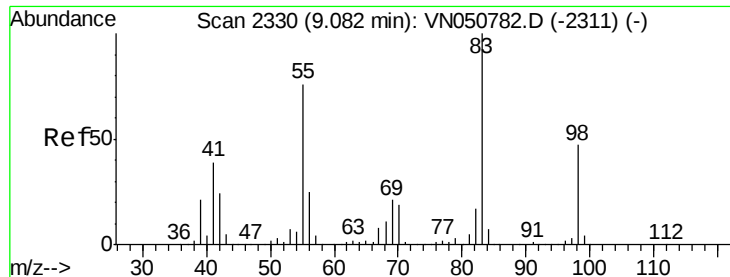
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.4#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 4.66 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050835.D
 Acq: 22 Aug 2018 21:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.3	114.5#
121	0.0	24.6	36.8#

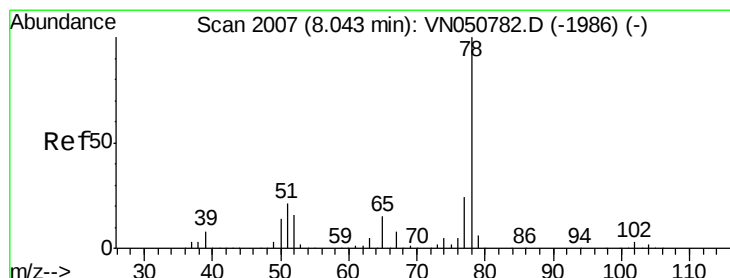
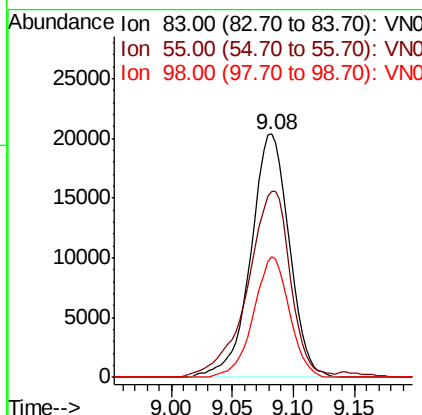
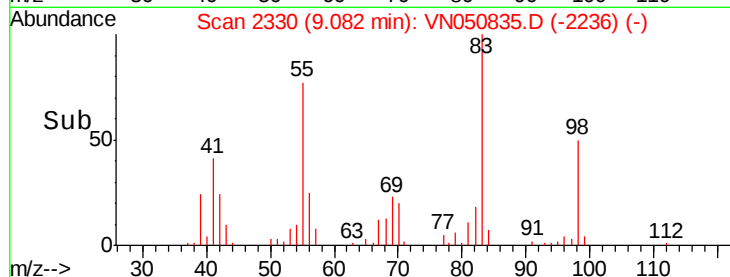
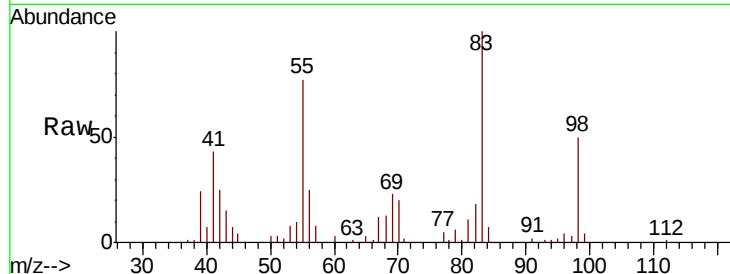




#39
Methvlcvclohexane
Concen: 3.00 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN050835.D
Acq: 22 Aug 2018 21:37

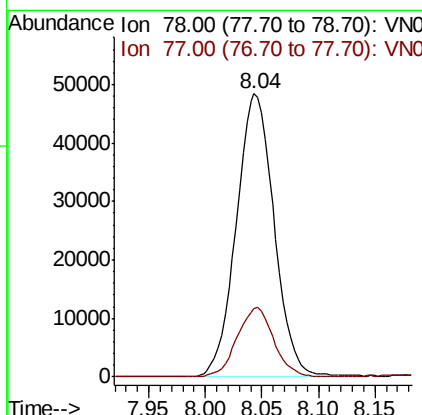
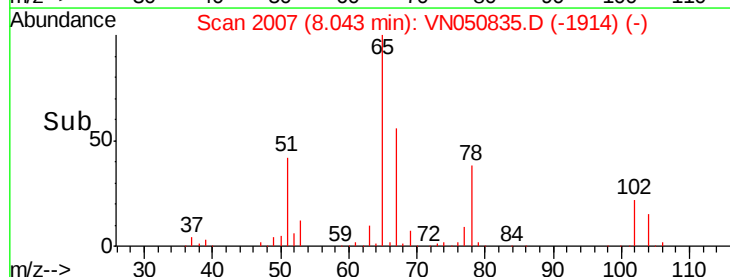
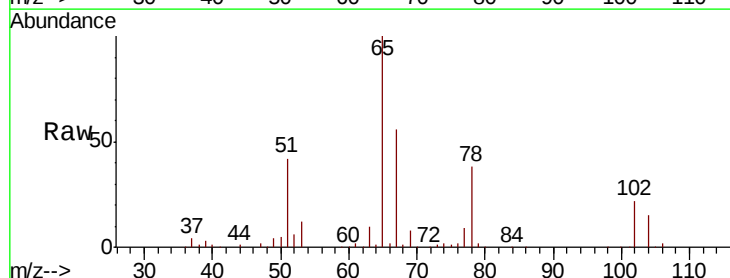
Instrument :
MSVOA_N
ClientSampleId :
EP1-240-UST-SLUGEDL

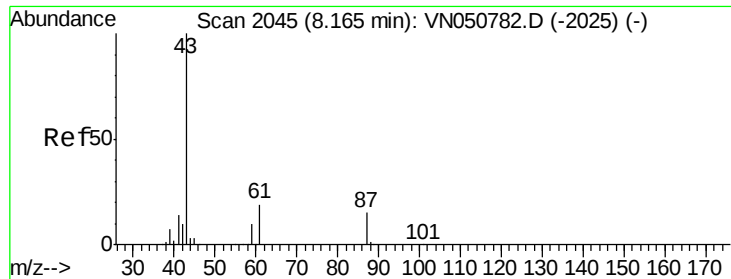
Tot Ion: 83 Resp: 44379
Ion Ratio Lower Upper
83 100
55 75.5 61.0 91.4
98 49.7 37.5 56.3



#40
Benzene
Concen: 2.73 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050835.D
Acq: 22 Aug 2018 21:37

Tgt Ion: 78 Resp: 112590
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4



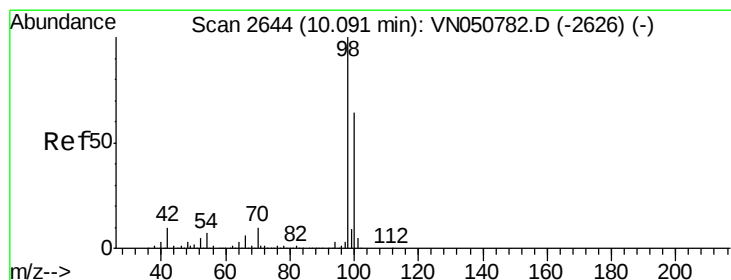
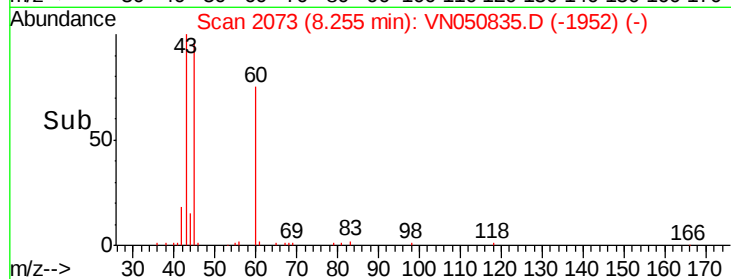
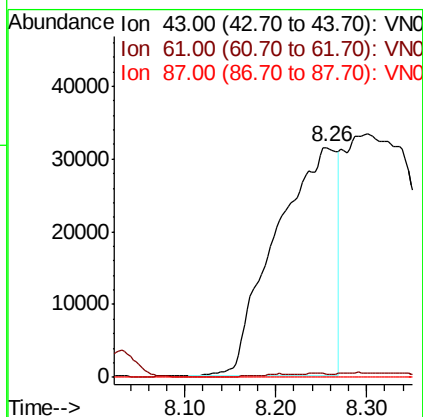
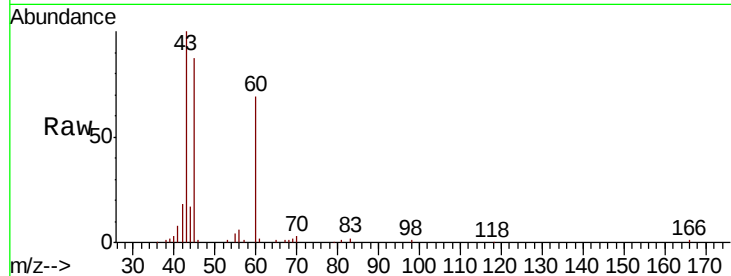


#43

Isopropyl Acetate
 Concen: 10.74 ug/l
 RT: 8.26 min Scan# 2073
 Delta R.T. 0.09 min
 Lab File: VN050835.D
 Acq: 22 Aug 2018 21:37

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-240-UST-SLUDGEDL

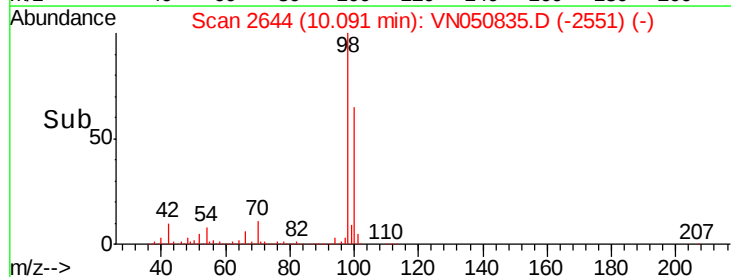
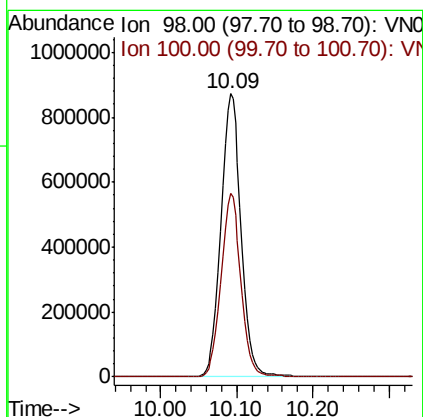
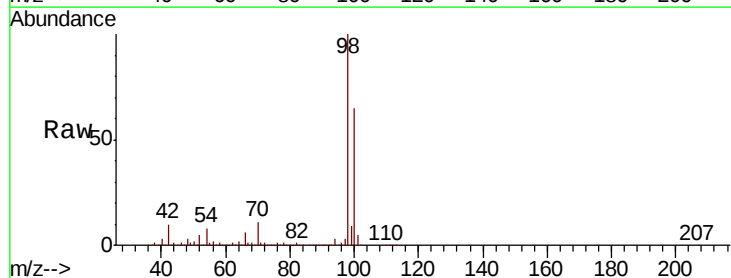
Tot Ion: 43 Resp: 145196
 Ion Ratio Lower Upper
 43 100
 61 0.2 17.5 26.3#
 87 0.0 11.3 16.9#

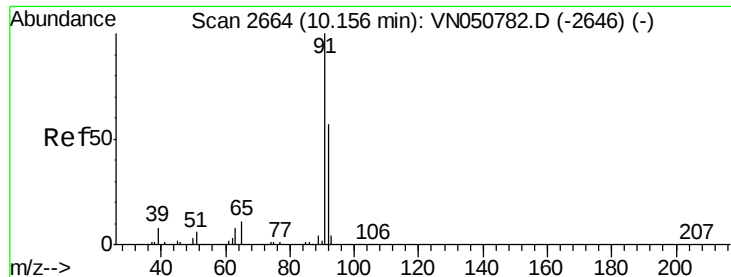


#50

Toluene-d8
 Concen: 46.57 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN050835.D
 Acq: 22 Aug 2018 21:37

Tgt Ion: 98 Resp: 1606348
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.5 77.3





#52

Toluene

Concen: 18.44 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. 0.00 min

Lab File: VN050835.D

Acq: 22 Aug 2018 21:37

Instrument :

MSVOA_N

ClientSampleId :

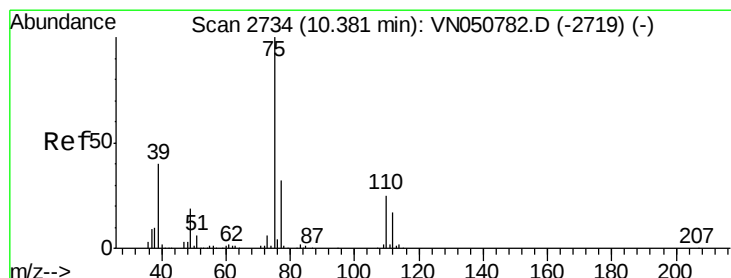
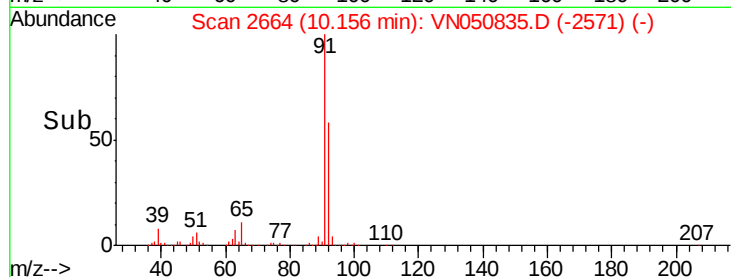
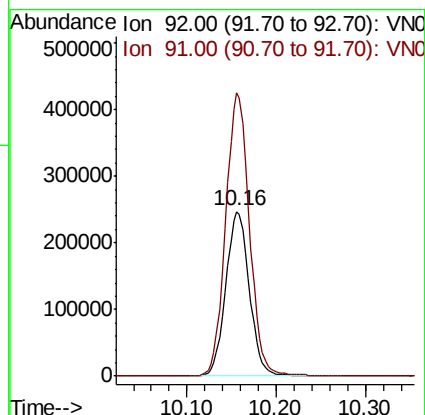
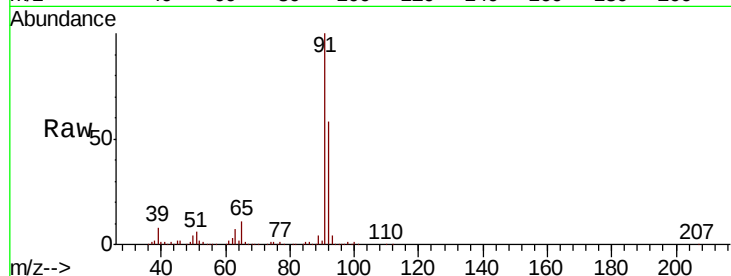
EP1-240-UST-SLUDGEDL

Tot Ion: 92 Resp: 450765

Ion Ratio Lower Upper

92 100

91 173.6 140.6 211.0



#53

t-1,3-Dichloropropene

Concen: 0.35 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. -0.22 min

Lab File: VN050835.D

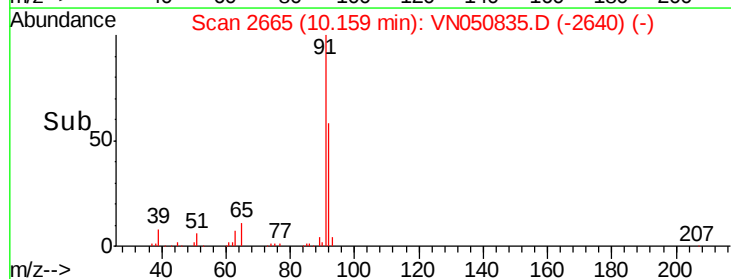
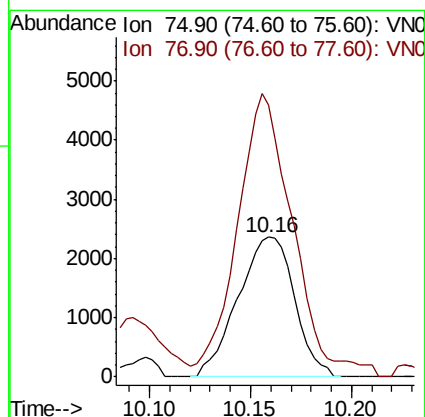
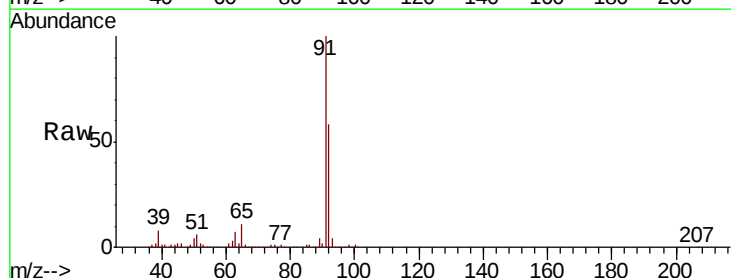
Acq: 22 Aug 2018 21:37

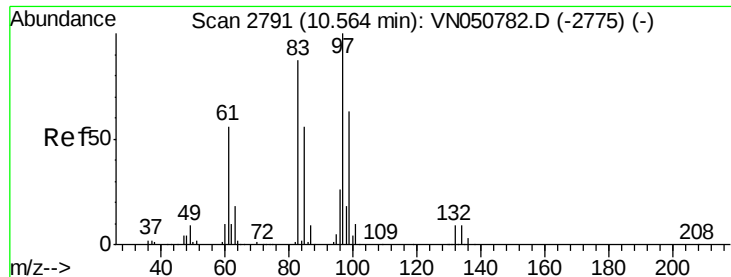
Tgt Ion: 75 Resp: 4615

Ion Ratio Lower Upper

75 100

77 187.2 25.7 38.5#





#55

1,1,2-Trichloroethane

Concen: 0.84 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. -0.03 min

Lab File: VN050835.D

Acq: 22 Aug 2018 21:37

Instrument :

MSVOA_N

ClientSampleId :

EP1-240-UST-SLUDGEDL

Tot Ion: 97 Resp: 7592

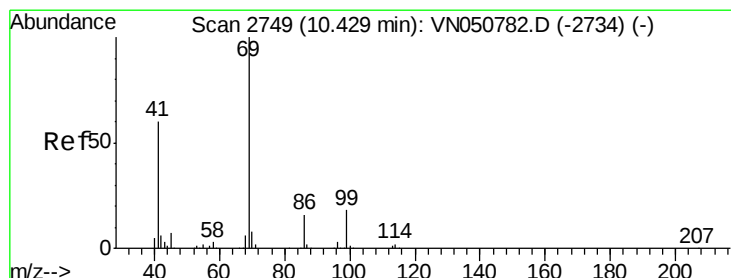
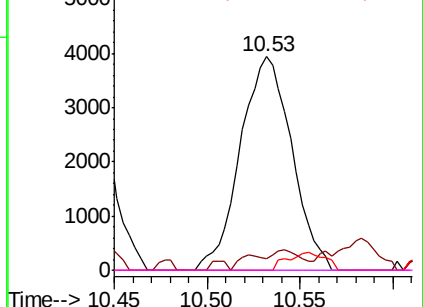
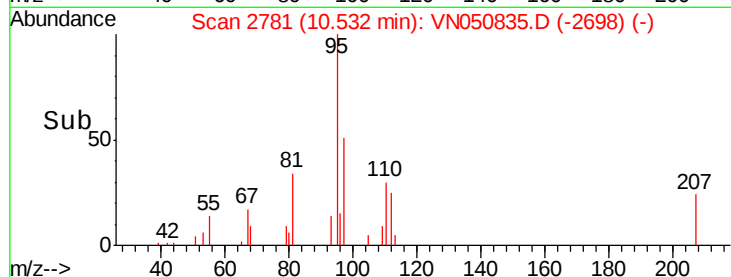
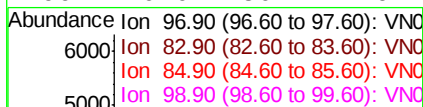
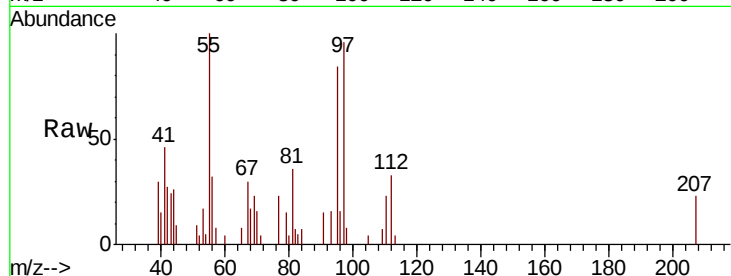
Ion Ratio Lower Upper

97 100

83 5.6 69.7 104.5#

85 0.0 44.5 66.7#

99 0.0 50.7 76.1#



#56

Ethyl methacrylate

Concen: 2.49 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VN050835.D

Acq: 22 Aug 2018 21:37

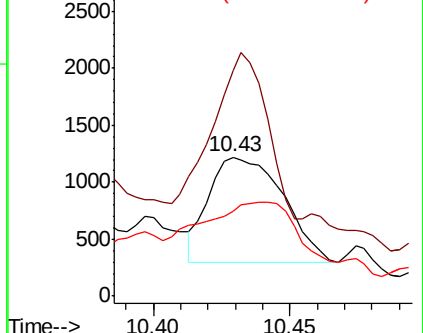
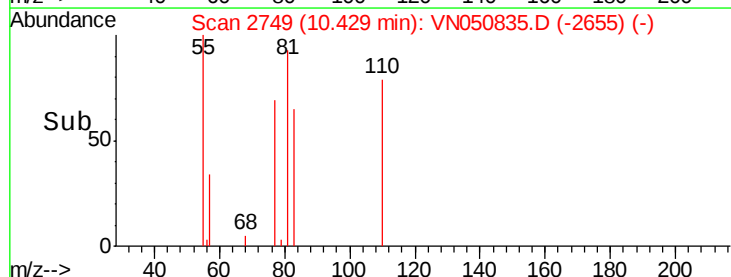
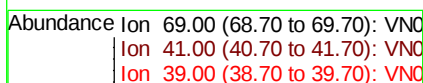
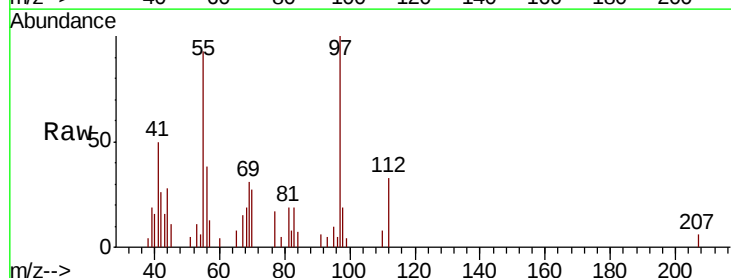
Tgt Ion: 69 Resp: 1733

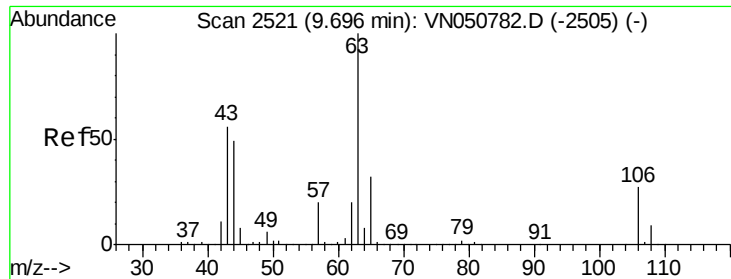
Ion Ratio Lower Upper

69 100

41 117.7 48.3 72.5#

39 0.0 24.0 36.0#

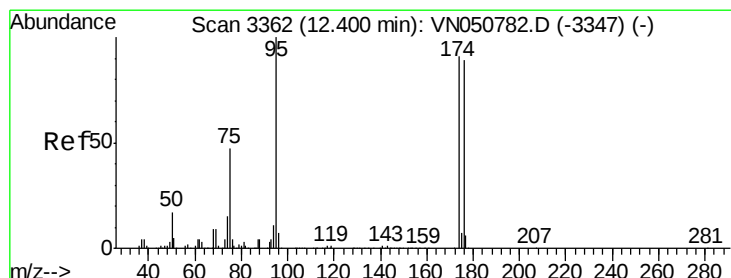
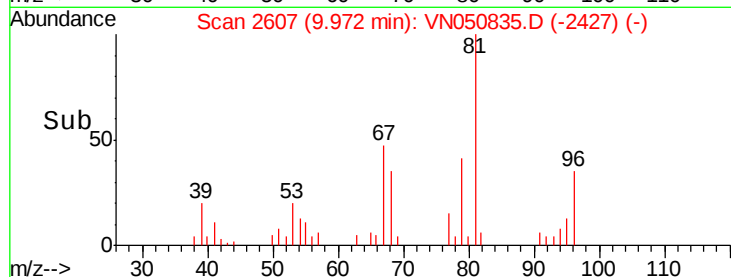
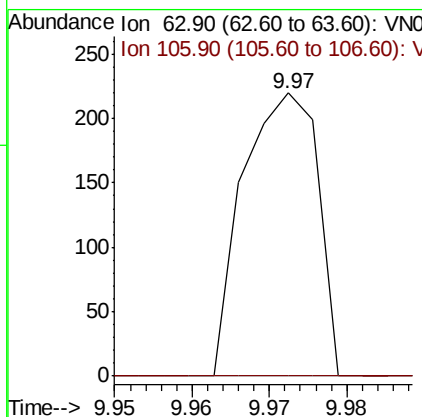
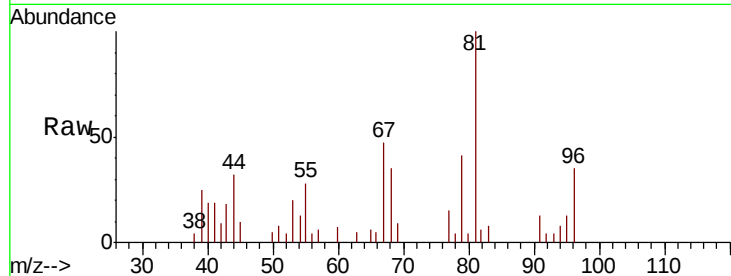




#58
 2-Chloroethyl Vinyl ether
 Concen: 12.25 ug/l
 RT: 9.97 min Scan# 2607
 Delta R.T. 0.28 min
 Lab File: VN050835.D
 Acq: 22 Aug 2018 21:37

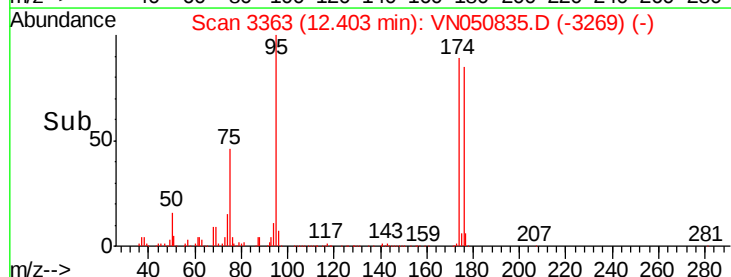
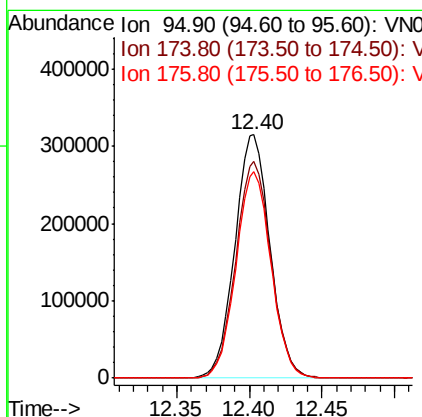
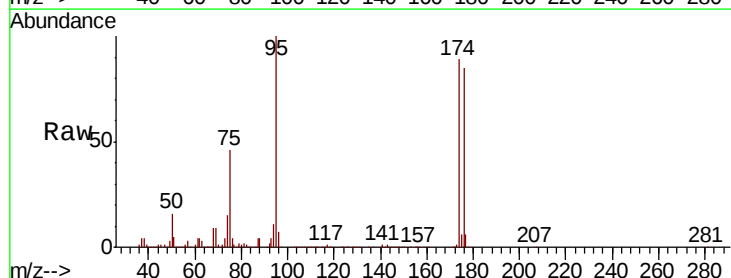
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-240-UST-SLUGEDL

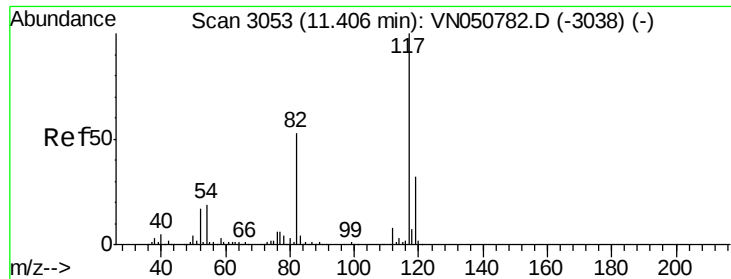
Tot Ion: 63 Resp: 148
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.9 32.9#



#62
 4-Bromofluorobenzene
 Concen: 45.78 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050835.D
 Acq: 22 Aug 2018 21:37

Tgt Ion: 95 Resp: 524759
 Ion Ratio Lower Upper
 95 100
 174 90.2 0.0 183.0
 176 85.5 0.0 178.8

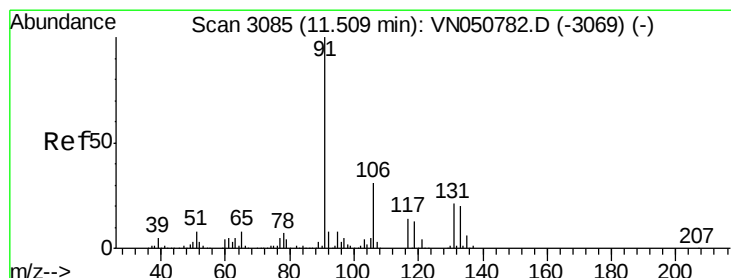
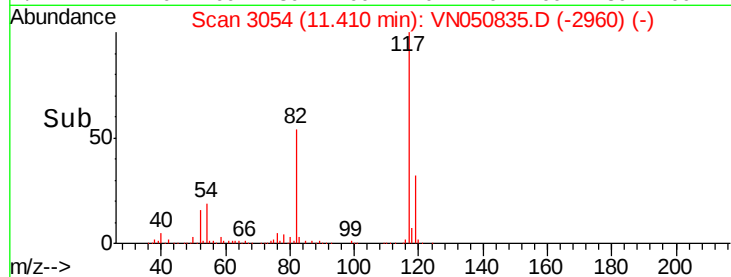
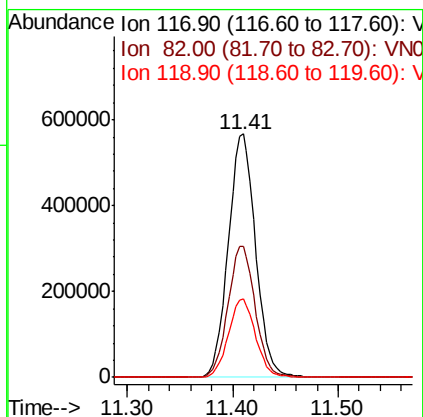
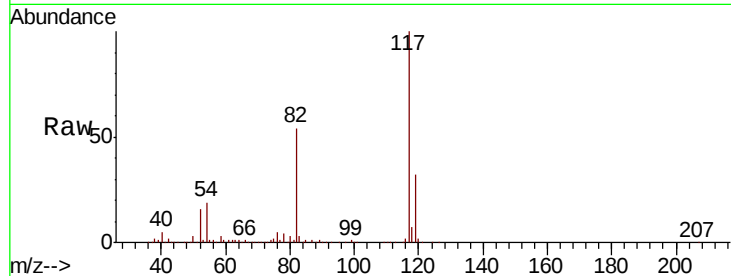




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050835.D
Acq: 22 Aug 2018 21:37

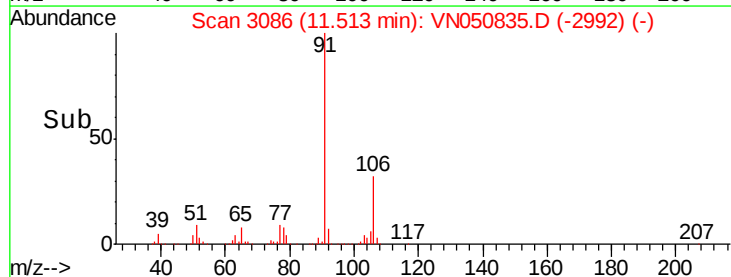
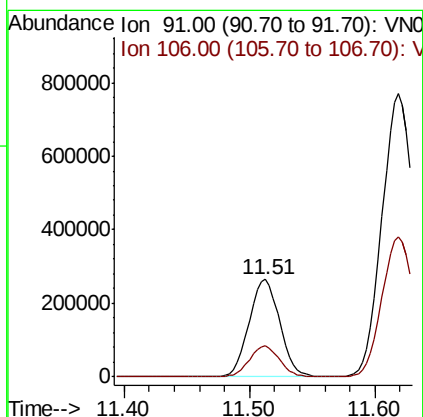
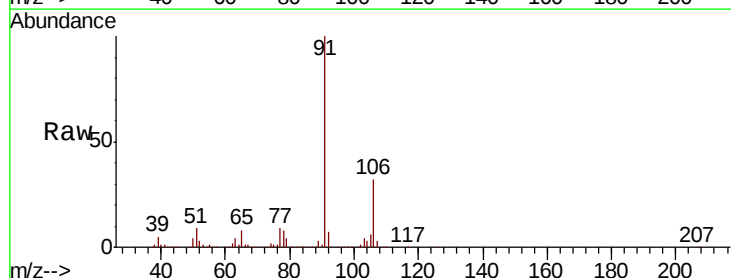
Instrument :
MSVOA_N
ClientSampleId :
EP1-240-UST-SLUDGEDL

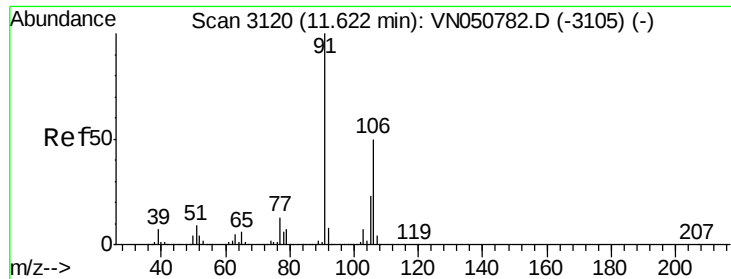
Tot Ion:117 Resp: 1011219
Ion Ratio Lower Upper
117 100
82 53.5 42.6 64.0
119 32.0 25.8 38.6



#67
Ethyl Benzene
Concen: 10.53 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050835.D
Acq: 22 Aug 2018 21:37

Tgt Ion: 91 Resp: 452301
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.4

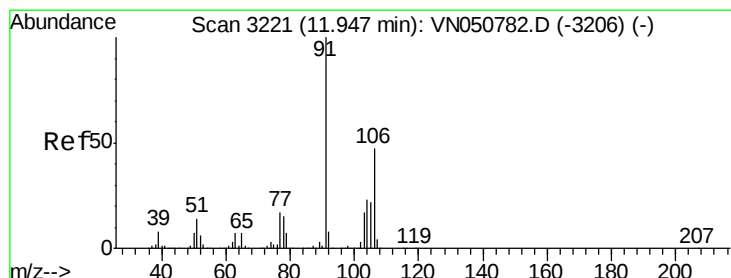
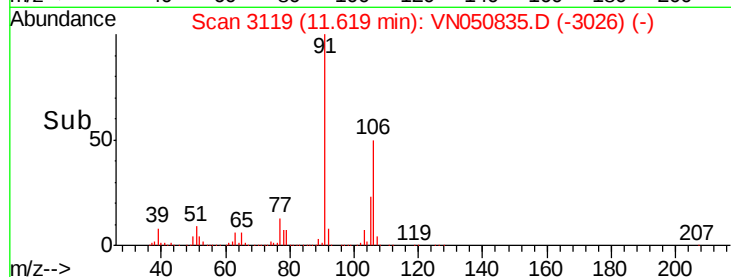
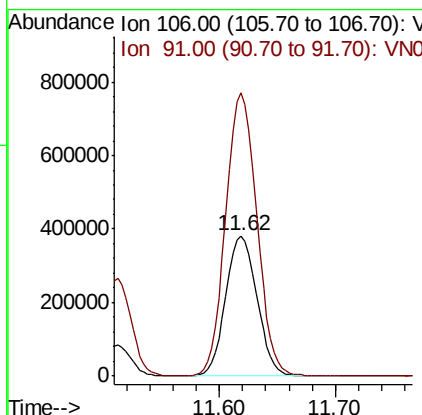
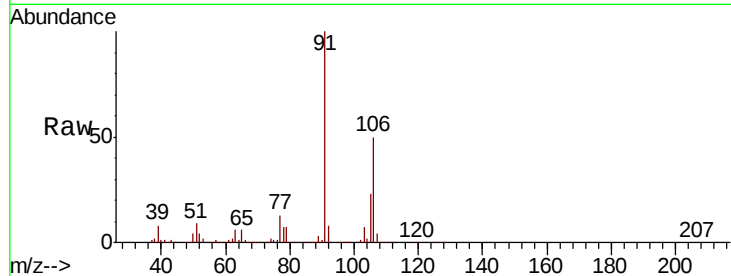




#68
m/p-Xylenes
Concen: 43.81 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN050835.D
Acq: 22 Aug 2018 21:37

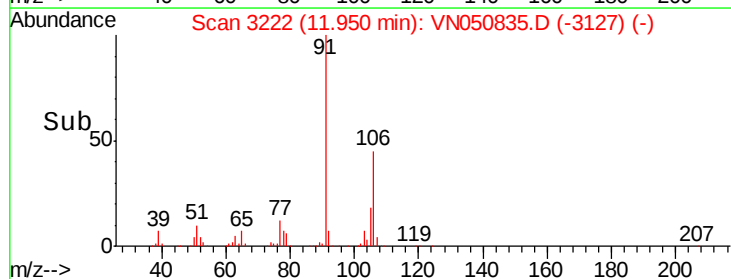
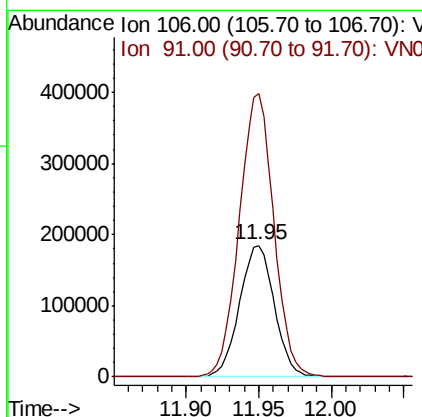
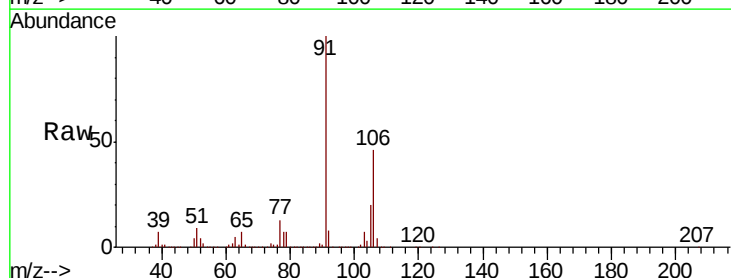
Instrument :
MSVOA_N
ClientSampleId :
EP1-240-UST-SLUDGEDL

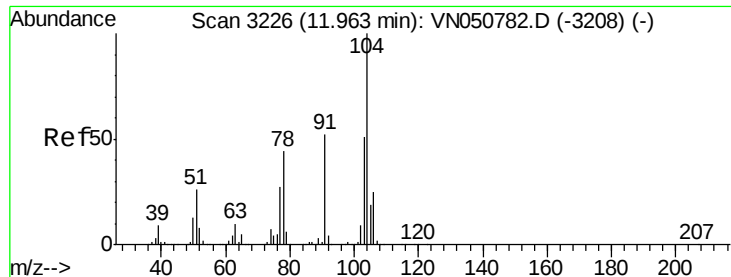
Tot Ion:106 Resp: 714559
Ion Ratio Lower Upper
106 100
91 200.4 161.0 241.6



#69
o-Xylene
Concen: 19.68 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050835.D
Acq: 22 Aug 2018 21:37

Tgt Ion:106 Resp: 308630
Ion Ratio Lower Upper
106 100
91 213.4 106.5 319.5

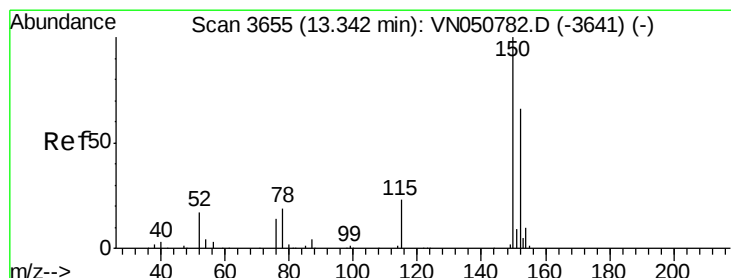
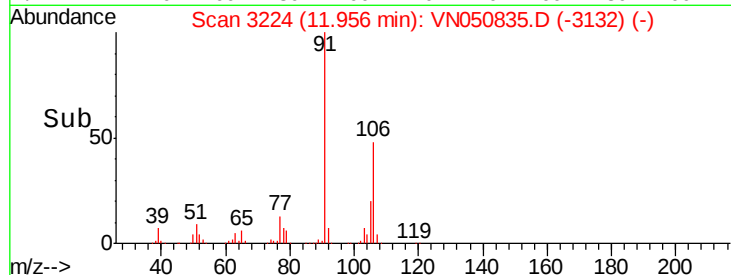
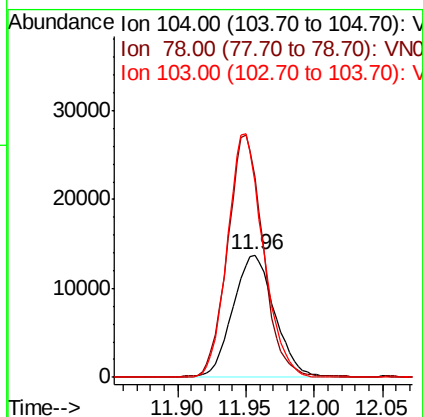
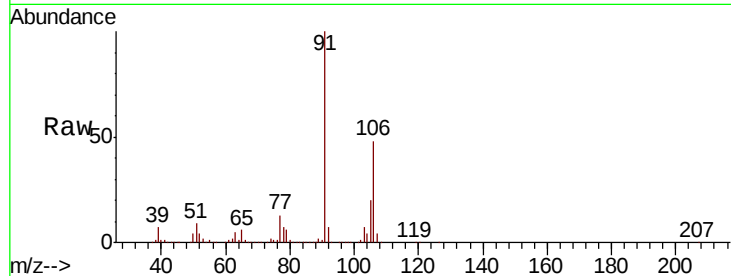




#70
Stvrene
Concen: 2.30 ug/l
RT: 11.96 min Scan# 3224
Delta R.T. -0.01 min
Lab File: VN050835.D
Acq: 22 Aug 2018 21:37

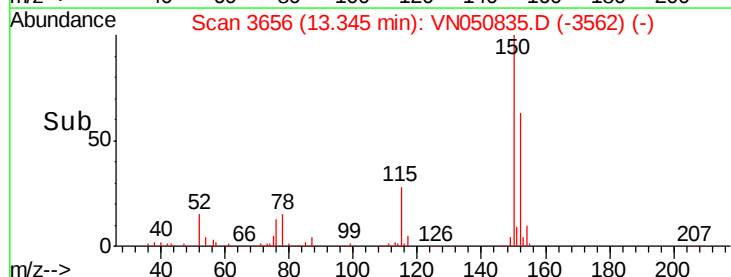
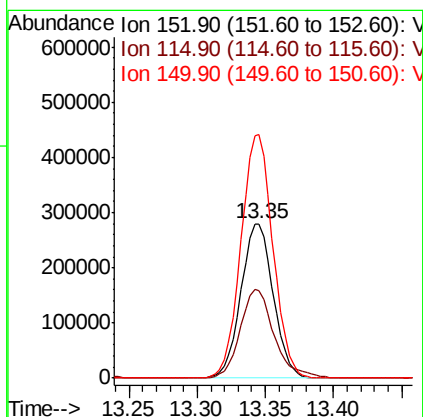
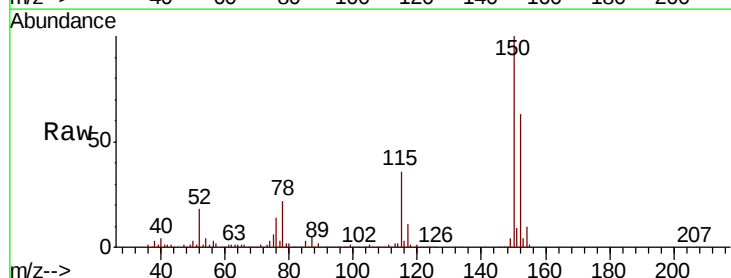
Instrument :
MSVOA_N
ClientSampleId :
EP1-240-UST-SLUDGEDL

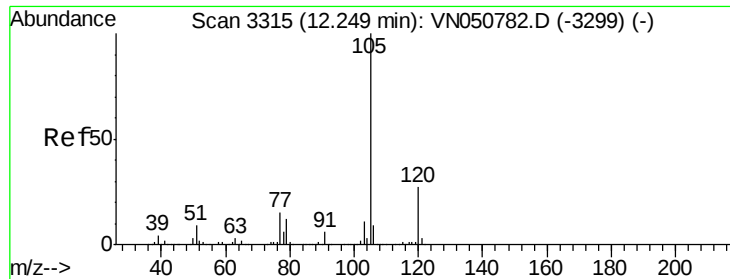
Tot Ion:104 Resp: 29321
Ion Ratio Lower Upper
104 100
78 168.2 38.2 57.4#
103 169.9 44.4 66.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050835.D
Acq: 22 Aug 2018 21:37

Tgt Ion:152 Resp: 456930
Ion Ratio Lower Upper
152 100
115 59.6 27.8 83.4
150 157.0 0.0 351.4





#73

Isopropylbenzene

Concen: 1.70 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN050835.D

Acq: 22 Aug 2018 21:37

Instrument :

MSVOA_N

ClientSampleId :

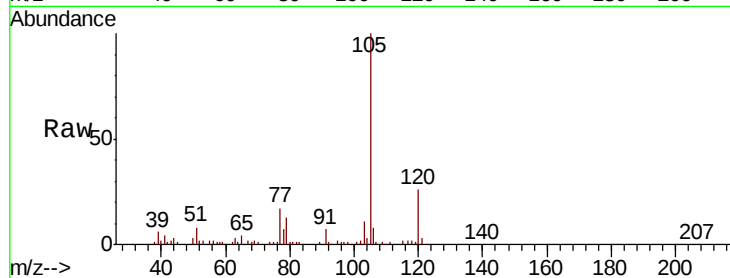
EP1-240-UST-SLUDGEDL

Tot Ion:105 Resp: 64479

Ion Ratio Lower Upper

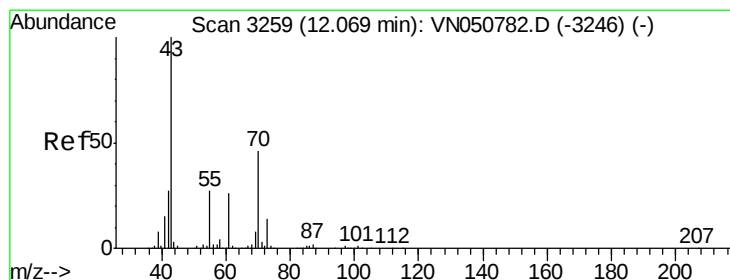
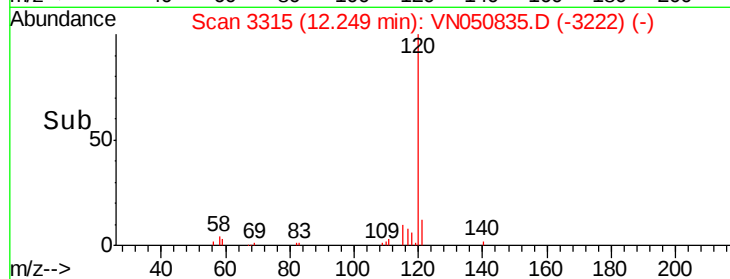
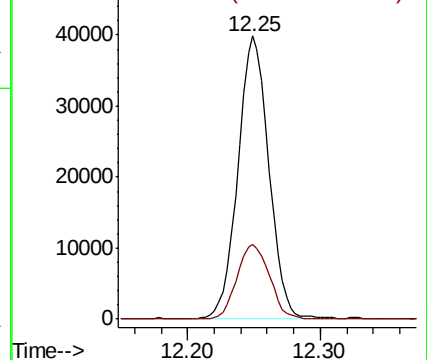
105 100

120 27.7 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-ethyl acetate

Concen: 0.37 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. -0.02 min

Lab File: VN050835.D

Acq: 22 Aug 2018 21:37

Tgt Ion: 43 Resp: 3551

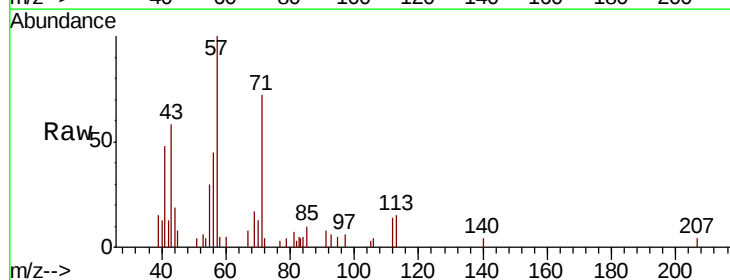
Ion Ratio Lower Upper

43 100

70 19.0 36.2 54.2#

55 16.8 21.8 32.8#

61 0.0 20.5 30.7#

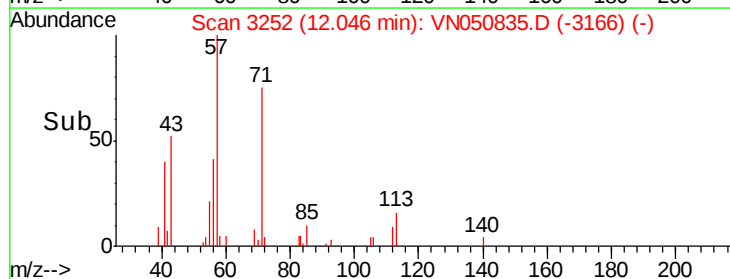
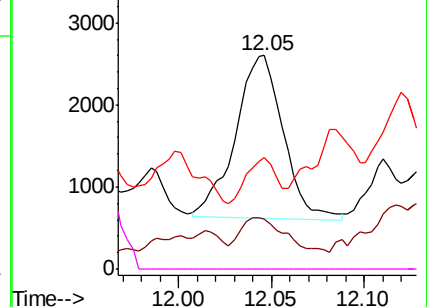


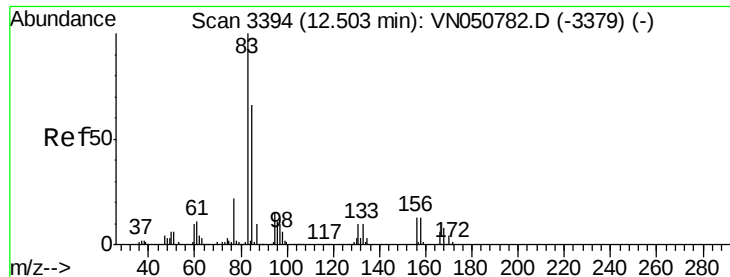
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.48 min Scan# 3386

Delta R.T. -0.02 min

Lab File: VN050835.D

Acq: 22 Aug 2018 21:37

Instrument :

MSVOA_N

ClientSampleId :

EP1-240-UST-SLUDGEDL

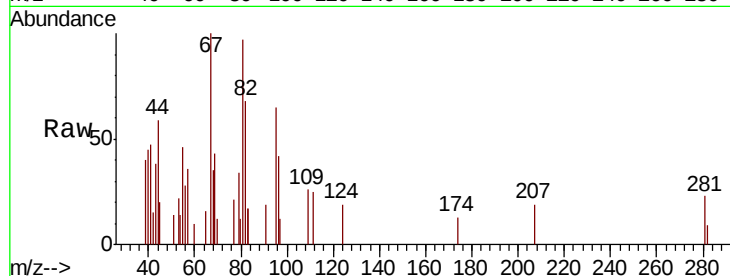
Tot Ion: 83 Resp: 76

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

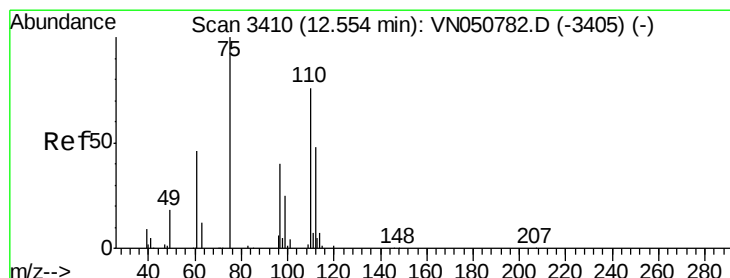
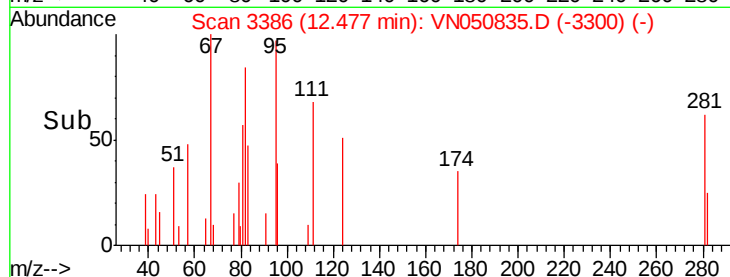
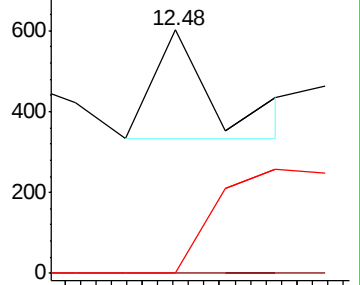
85 0.0 31.9 95.7#



Abundance Ion 82.90 (82.60 to 83.60): VN050782.D (-3379) (-)

Ion 130.80 (130.50 to 131.50): VN050782.D (-3379) (-)

Ion 84.90 (84.60 to 85.60): VN050782.D (-3379) (-)



#76

1,2,3-Trichloropropane

Concen: 30.89 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. -0.15 min

Lab File: VN050835.D

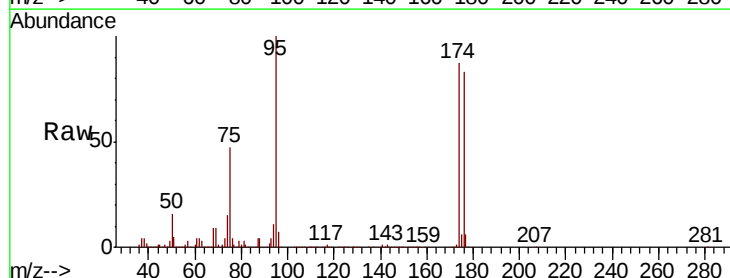
Acq: 22 Aug 2018 21:37

Tgt Ion: 75 Resp: 247221

Ion Ratio Lower Upper

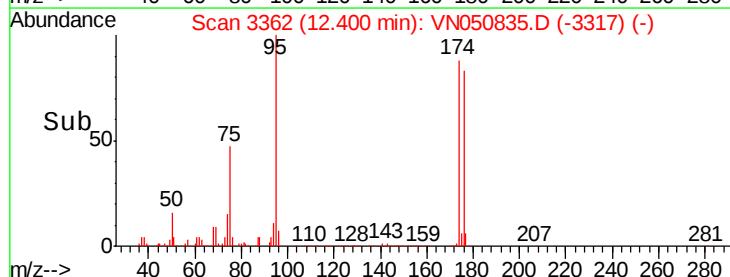
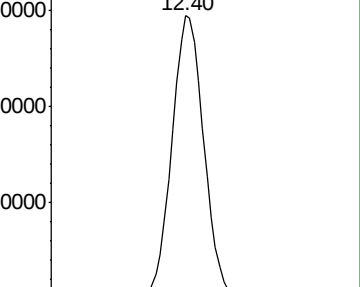
75 100

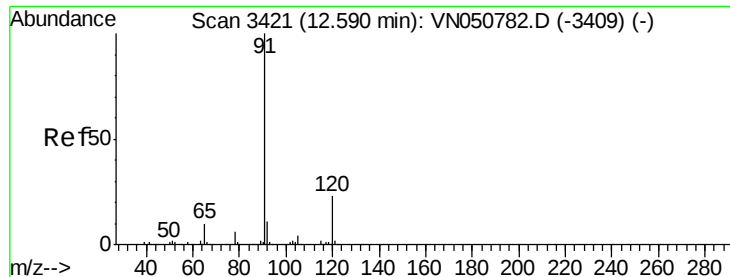
77 2.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050782.D (-3405) (-)

Ion 77.00 (76.70 to 77.70): VN050782.D (-3405) (-)





#78

n-propylbenzene

Concen: 5.62 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050835.D

Acq: 22 Aug 2018 21:37

Instrument :

MSVOA_N

ClientSampleId :

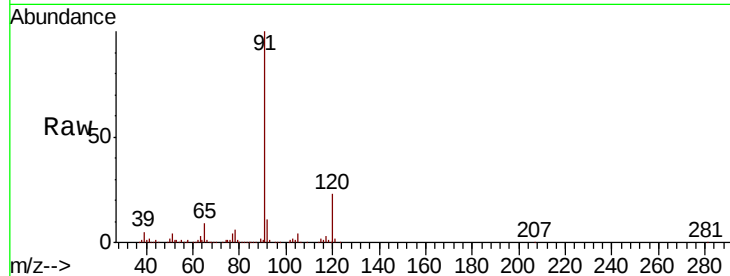
EP1-240-UST-SLUDGEDL

Tot Ion: 91 Resp: 237580

Ion Ratio Lower Upper

91 100

120 22.7 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

150000

100000

50000

0

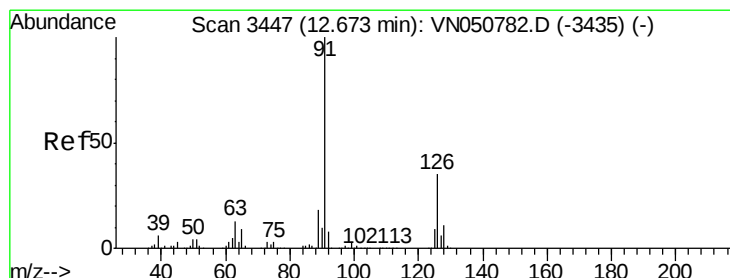
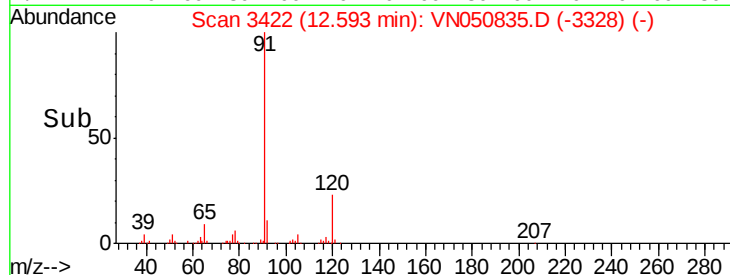
12.59

12.55

12.60

12.65

Time-->



#79

2-Chlorotoluene

Concen: 3.34 ug/l

RT: 12.65 min Scan# 3441

Delta R.T. -0.02 min

Lab File: VN050835.D

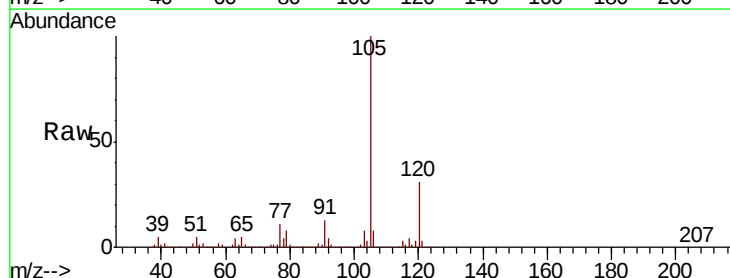
Acq: 22 Aug 2018 21:37

Tgt Ion: 91 Resp: 87920

Ion Ratio Lower Upper

91 100

126 1.1 17.8 53.3#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

60000

40000

20000

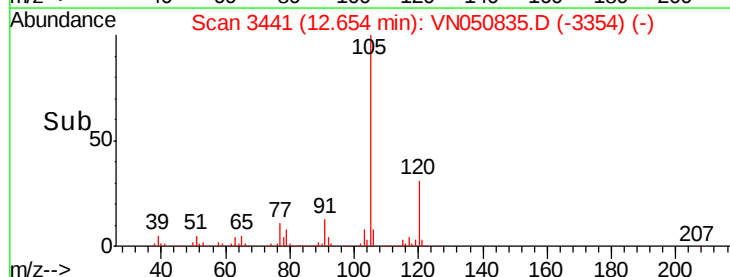
0

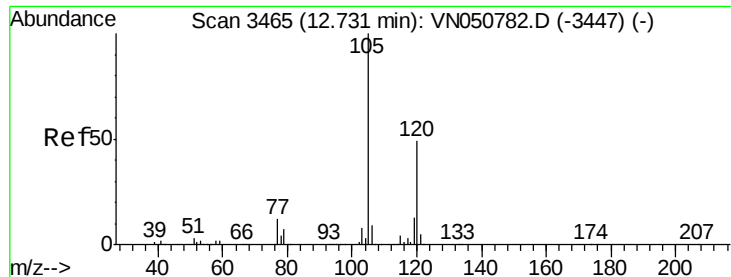
12.65

12.60

12.65

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 11.90 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050835.D

Acq: 22 Aug 2018 21:37

Instrument :

MSVOA_N

ClientSampled :

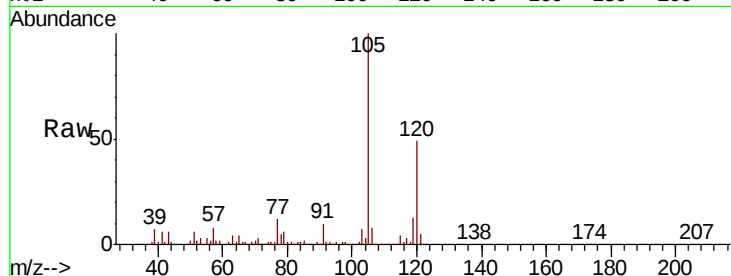
EP1-240-UST-SLUGEDL

Tot Ion:105 Resp: 363258

Ion Ratio Lower Upper

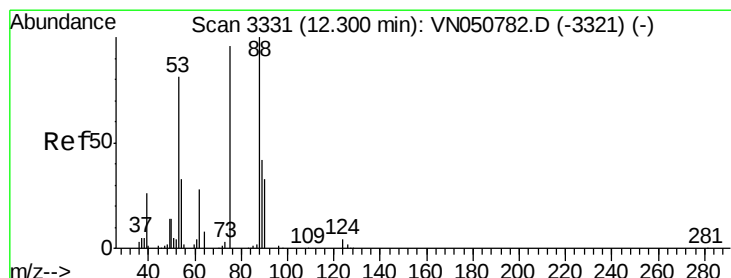
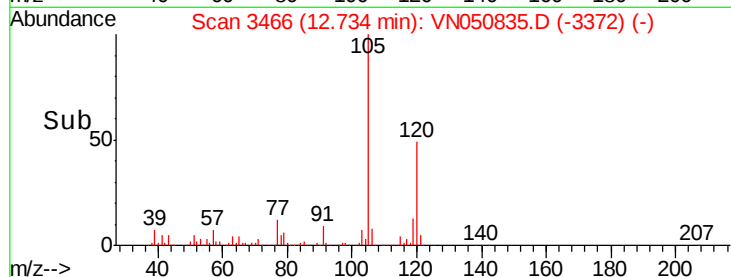
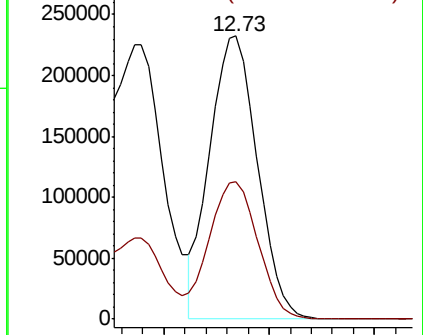
105 100

120 50.5 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 104.43 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.10 min

Lab File: VN050835.D

Acq: 22 Aug 2018 21:37

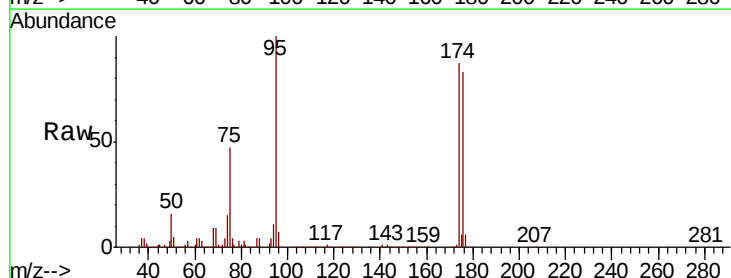
Tgt Ion: 75 Resp: 247221

Ion Ratio Lower Upper

75 100

53 0.1 68.9 103.3#

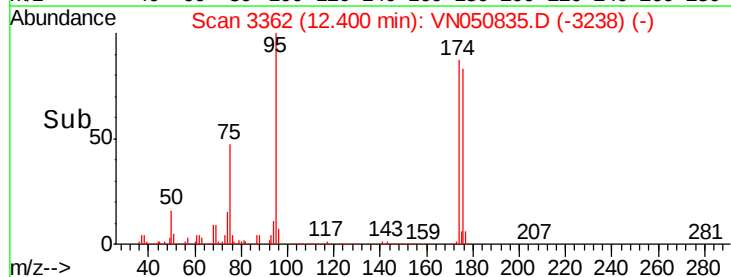
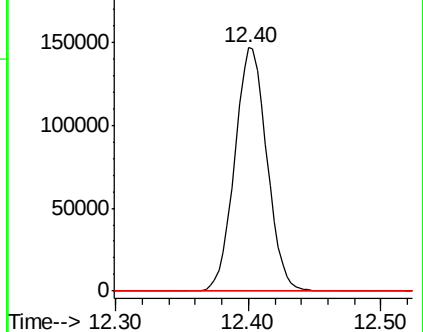
89 0.0 36.1 54.1#

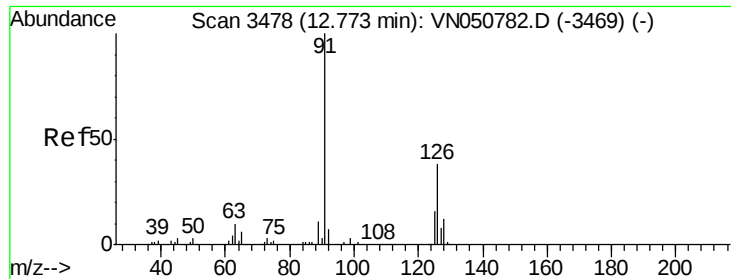


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

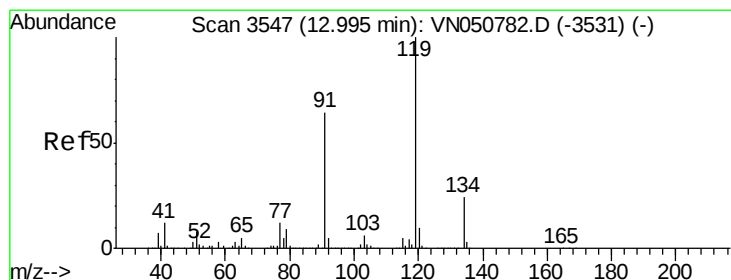
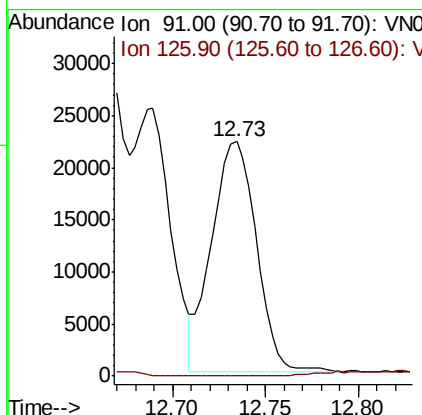
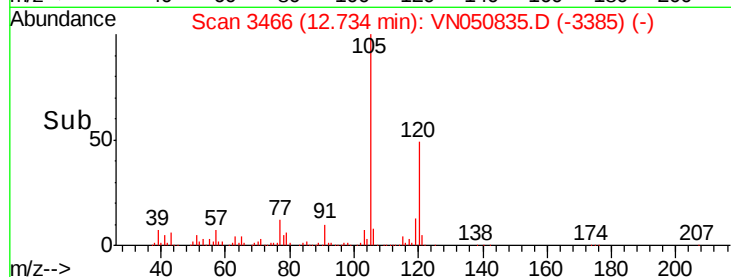
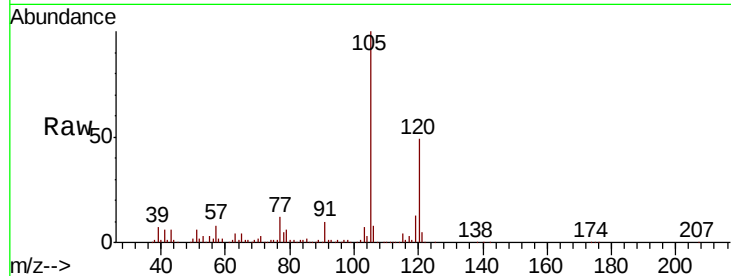




#82
4-Chlorotoluene
Concen: 1.43 ug/l
RT: 12.73 min Scan# 3466
Delta R.T. -0.04 min
Lab File: VN050835.D
Acq: 22 Aug 2018 21:37

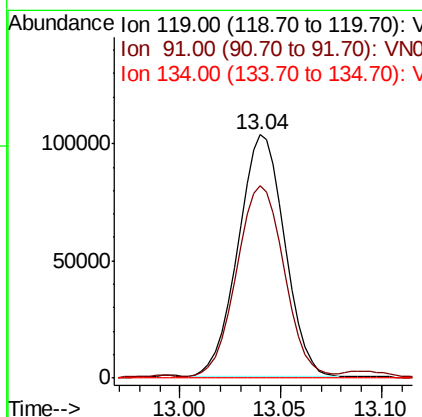
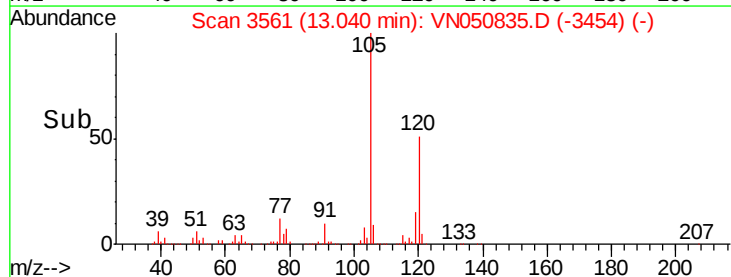
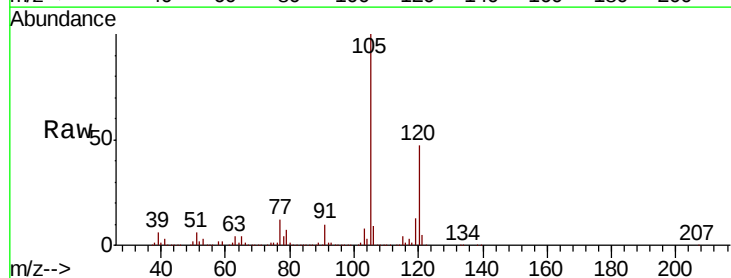
Instrument :
MSVOA_N
ClientSampleId :
EP1-240-UST-SLUDGEDL

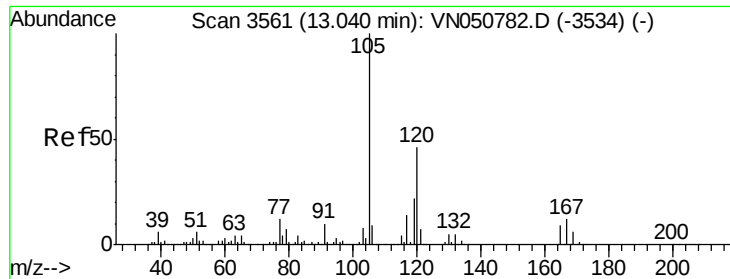
Tot Ion: 91 Resp: 37104
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.5#



#83
tert-Butylbenzene
Concen: 6.28 ug/l
RT: 13.04 min Scan# 3561
Delta R.T. 0.05 min
Lab File: VN050835.D
Acq: 22 Aug 2018 21:37

Tgt Ion: 119 Resp: 166036
Ion Ratio Lower Upper
119 100
91 80.1 31.6 94.7
134 0.0 13.4 40.1#

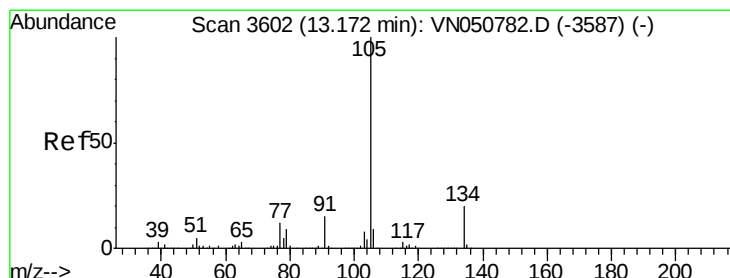
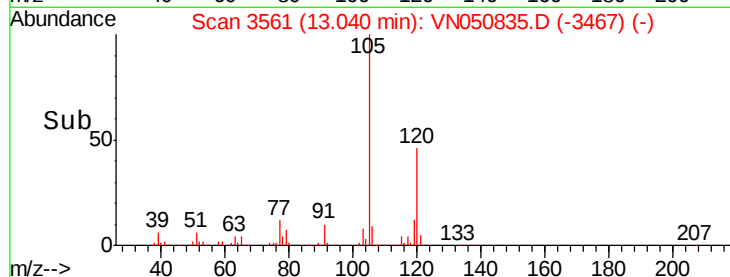
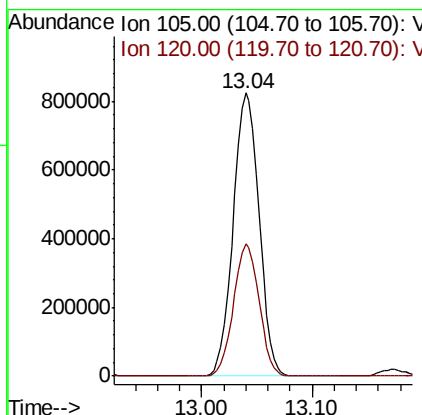
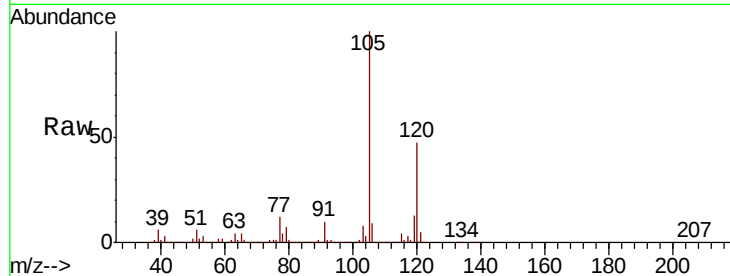




#84
 1,2,4-Trimethylbenzene
 Concen: 43.62 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050835.D
 Acq: 22 Aug 2018 21:37

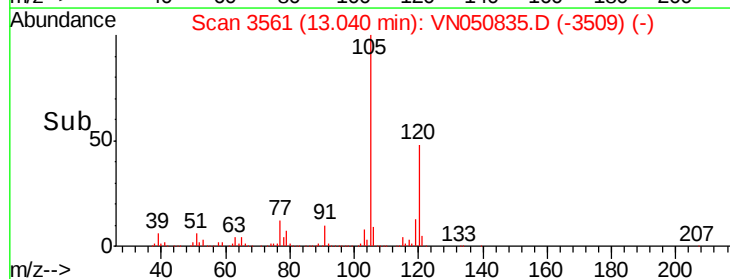
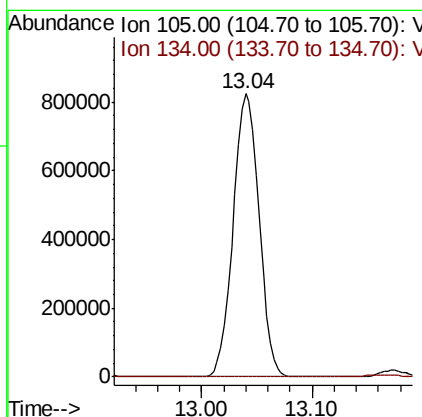
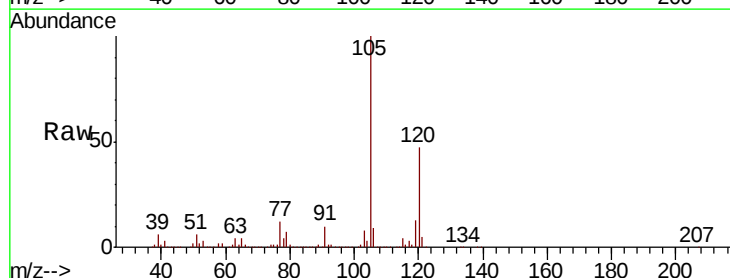
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-240-UST-SLUDGEDL

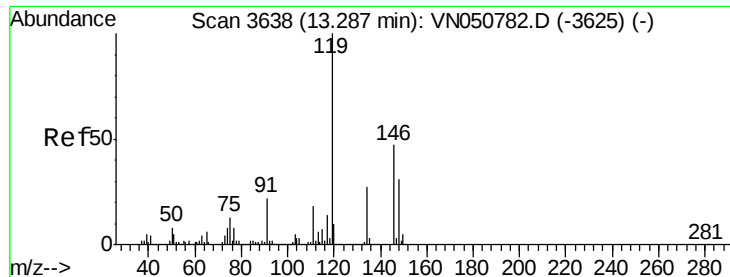
Tot Ion:105 Resp: 1339592
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.9 68.8



#85
 sec-Butylbenzene
 Concen: 38.67 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.13 min
 Lab File: VN050835.D
 Acq: 22 Aug 2018 21:37

Tgt Ion:105 Resp: 1339592
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.8#

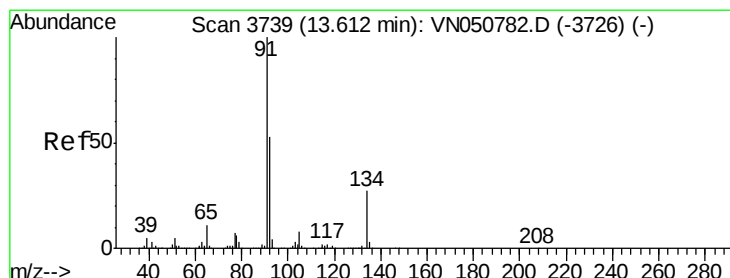
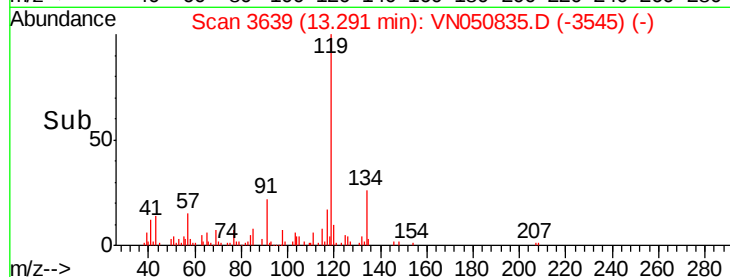
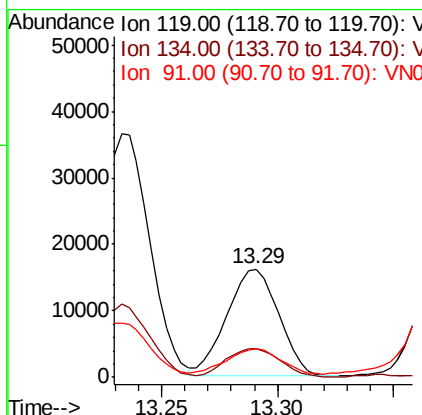
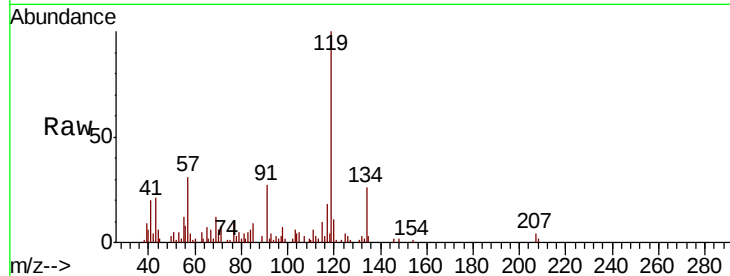




#86
 p-Isopropyltoluene
 Concen: 0.84 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050835.D
 Acq: 22 Aug 2018 21:37

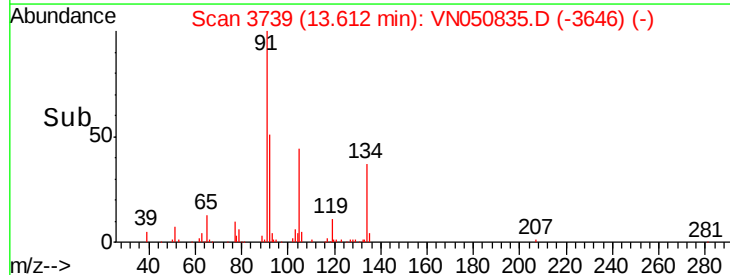
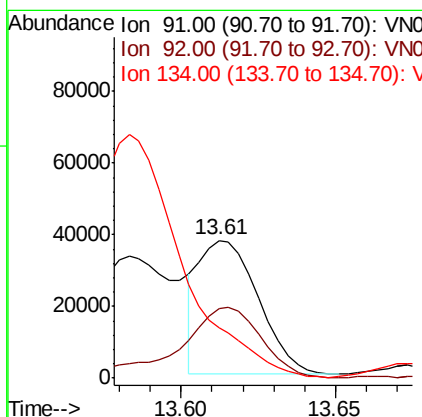
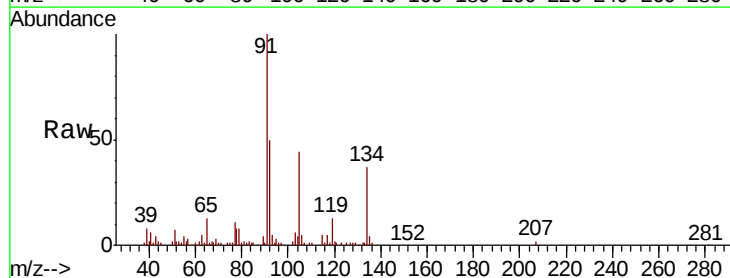
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-240-UST-SLUDGEDL

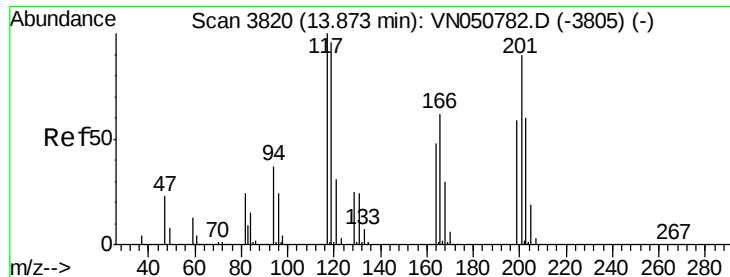
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.4	13.7	41.0
91	23.4	11.2	33.5



#89
 n-Butylbenzene
 Concen: 2.10 ug/l
 RT: 13.61 min Scan# 3739
 Delta R.T. 0.00 min
 Lab File: VN050835.D
 Acq: 22 Aug 2018 21:37

Tgt Ion	Ratio	Lower	Upper
91	100		
92	73.1	26.1	78.2
134	0.0	13.2	39.6#





#90

Hexachloroethane

Concen: 5.35 ug/l

RT: 13.89 min Scan# 3825

Delta R.T. 0.02 min

Lab File: VN050835.D

Acq: 22 Aug 2018 21:37

Instrument :

MSVOA_N

ClientSampleId :

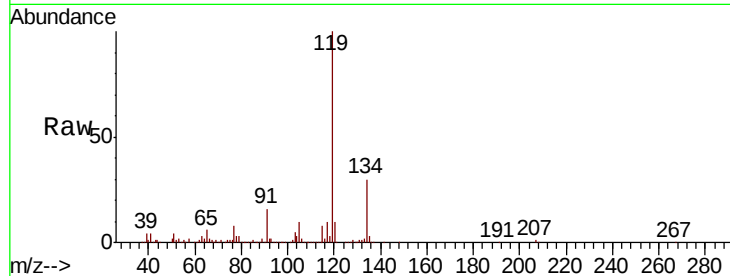
EP1-240-UST-SLUDGEDL

Tot Ion:117 Resp: 29196

Ion Ratio Lower Upper

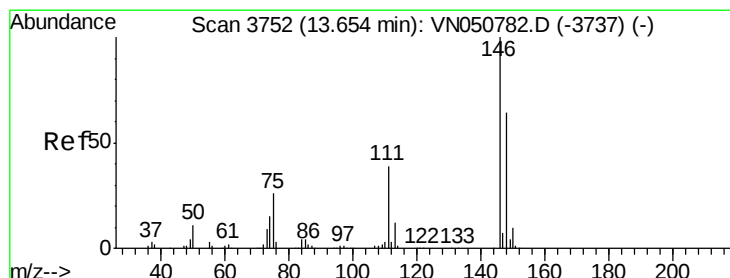
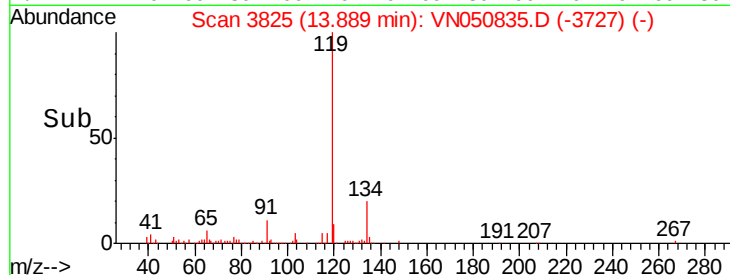
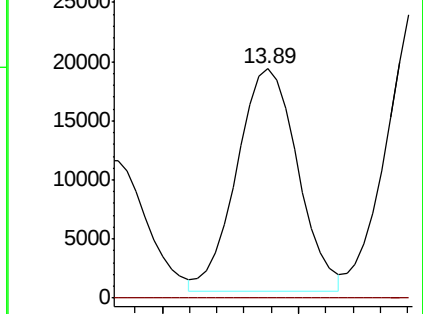
117 100

201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 3.08 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

Lab File: VN050835.D

Acq: 22 Aug 2018 21:37

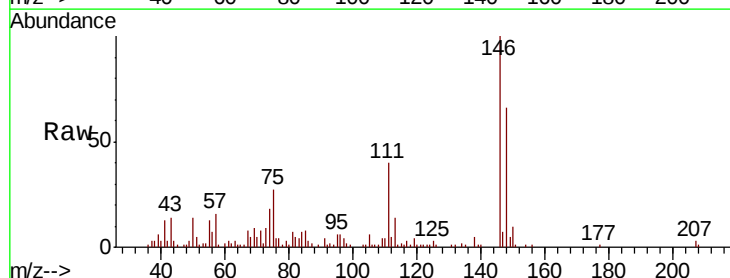
Tgt Ion:146 Resp: 51832

Ion Ratio Lower Upper

146 100

111 46.0 19.8 59.3

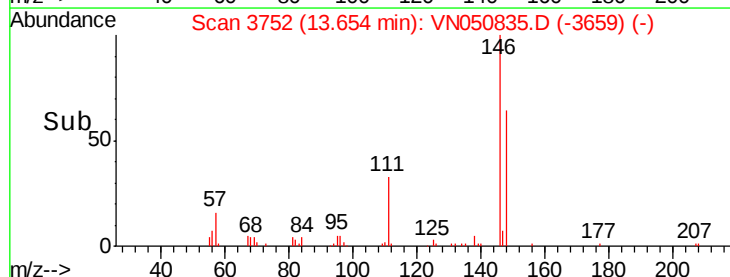
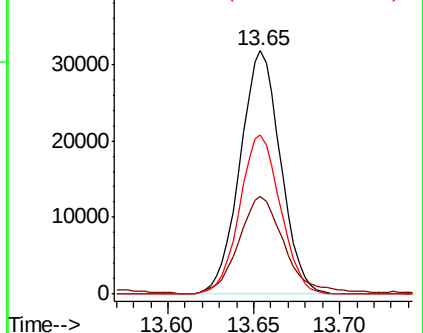
148 65.6 32.3 96.8

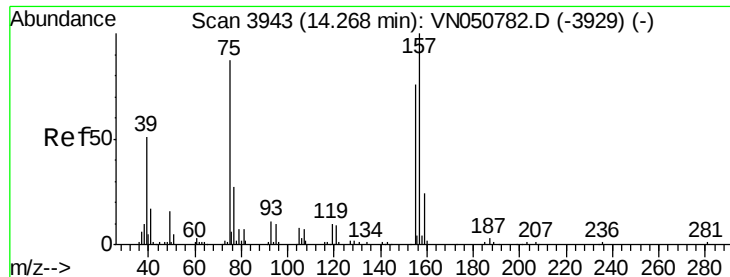


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.02 ug/l

RT: 14.25 min Scan# 3938

Delta R.T. -0.02 min

Lab File: VN050835.D

Acq: 22 Aug 2018 21:37

Instrument :

MSVOA_N

ClientSampleId :

EP1-240-UST-SLUDGEDL

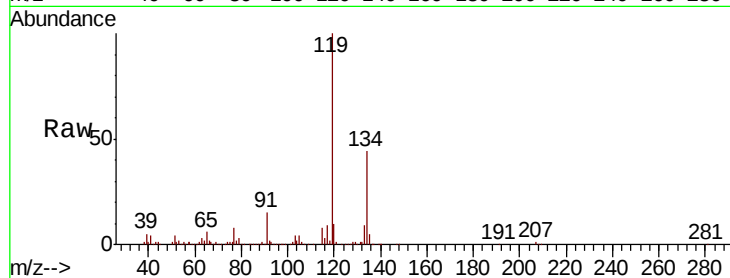
Tot Ion: 75 Resp: 1384

Ion Ratio Lower Upper

75 100

155 0.0 46.4 139.1#

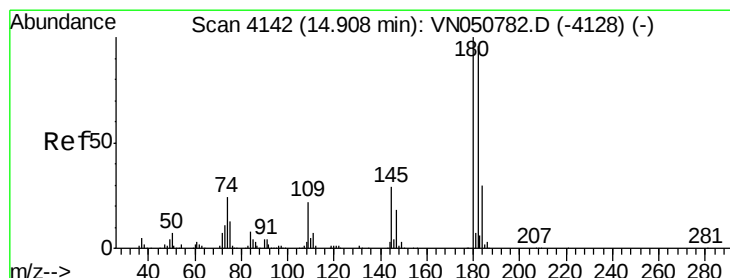
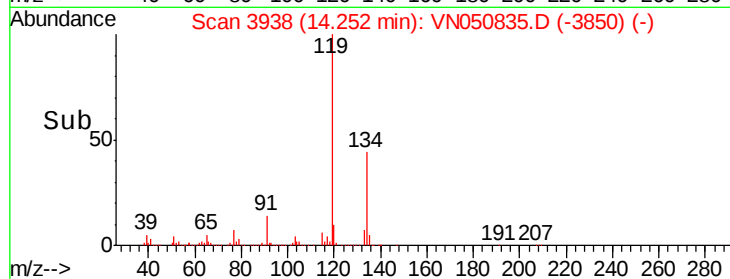
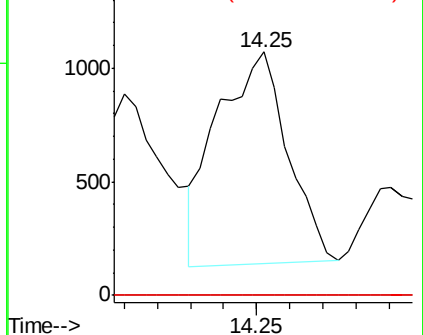
157 0.0 60.7 182.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050782.D (-3929) (-)

Ion 154.80 (154.50 to 155.50): VN050782.D (-3929) (-)

Ion 156.80 (156.50 to 157.50): VN050782.D (-3929) (-)



#93

1,2,4-Trichlorobenzene

Concen: 4.09 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.01 min

Lab File: VN050835.D

Acq: 22 Aug 2018 21:37

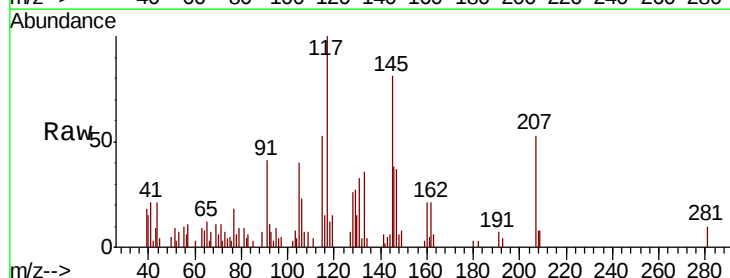
Tgt Ion: 180 Resp: 35

Ion Ratio Lower Upper

180 100

182 177.1 48.2 144.6#

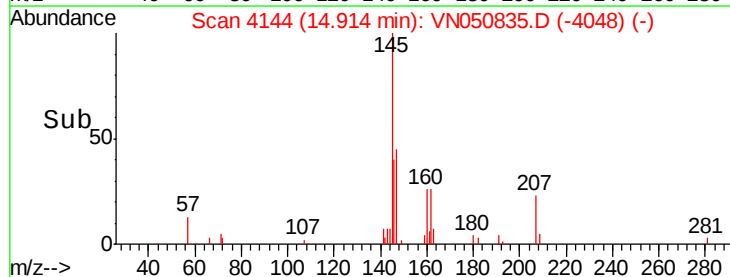
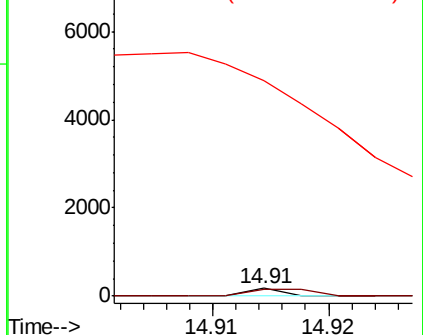
145 0.0 14.1 42.2#

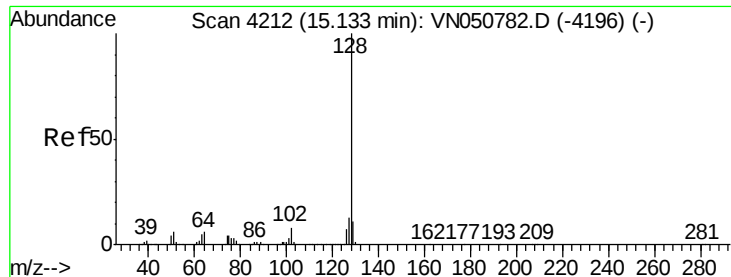


Abundance Ion 179.80 (179.50 to 180.50): VN050782.D (-4128) (-)

Ion 181.80 (181.50 to 182.50): VN050782.D (-4128) (-)

Ion 144.80 (144.50 to 145.50): VN050782.D (-4128) (-)

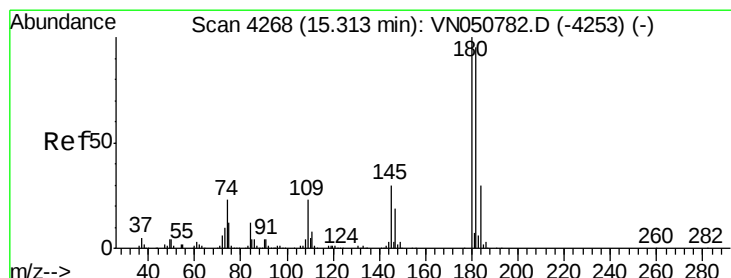
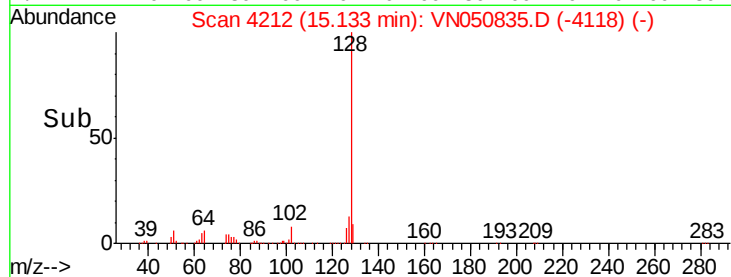
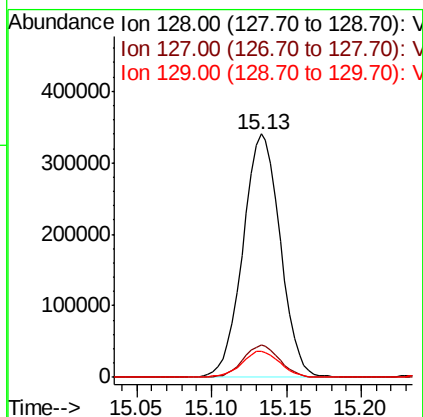
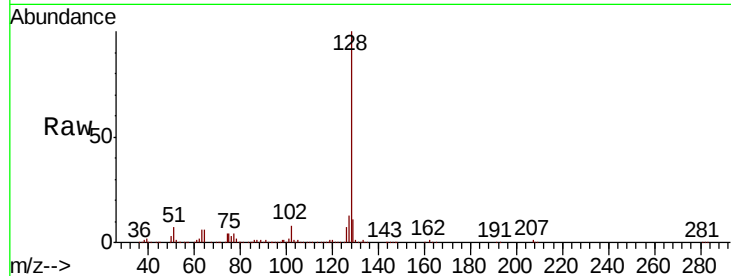




#95
Naphthalene
Concen: 34.03 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050835.D
Acq: 22 Aug 2018 21:37

Instrument :
MSVOA_N
ClientSampleId :
EP1-240-UST-SLUGEDL

Tot Ion:128 Resp: 585993
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.30 ug/l
RT: 15.31 min Scan# 4268
Delta R.T. -0.01 min
Lab File: VN050835.D
Acq: 22 Aug 2018 21:37

Tgt Ion:180 Resp: 32
Ion Ratio Lower Upper
180 100
182 221.9 48.0 144.2#
145 0.0 15.2 45.6#

