

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN083119\
 Data File : VN057595.D
 Acq On : 30 Aug 2019 18:21
 Operator : JC/SP
 Sample : K4583-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GS-STOCKPILE

Quant Time: Aug 31 00:49:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 11:59:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	588980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	930491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	794100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	214277	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	363597	37.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.44%	
35) Dibromofluoromethane	7.58	113	282129	33.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.84%	
50) Toluene-d8	10.08	98	1126919	38.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.62%	
62) 4-Bromofluorobenzene	12.40	95	308032	31.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.38%	

Target Compounds

						Qvalue
8) Diethyl Ether	3.40	74	2272	0.338	ug/l	95
10) Methyl Iodide	3.94	142	4634	0.239	ug/l #	75
11) Tert butyl alcohol	4.74	59	304	0.320	ug/l #	70
16) Acetone	3.81	43	27725	7.115	ug/l	96
18) Methyl Acetate	4.32	43	8038	Below Cal		98
20) Methylene Chloride	4.53	84	372943	51.663	ug/l	84
25) 2-Butanone	6.84	43	1855	0.603	ug/l #	77
29) Tetrahydrofuran	7.22	42	626	0.325	ug/l #	71
30) Chloroform	7.37	83	5809	0.388	ug/l #	81
31) Cyclohexane	7.65	56	12595	1.125	ug/l #	30
36) 1,1-Dichloropropene	7.65	75	42455	4.218	ug/l #	52
38) Carbon Tetrachloride	7.65	117	57110	4.852	ug/l #	16
41) Methacrylonitrile	7.15	41	65	1.287	ug/l #	35
43) Isopropyl Acetate	8.16	43	74469	5.982	ug/l #	94
48) Methyl methacrylate	9.18	41	4283	0.729	ug/l #	48
51) 4-Methyl-2-Pentanone	9.99	43	6152	0.925	ug/l	100
54) cis-1,3-Dichloropropene	9.90	75	38861	3.188	ug/l #	60
57) 1,3-Dichloropropane	10.77	76	5499	0.448	ug/l #	43
59) 2-Hexanone	10.76	43	71652	15.599	ug/l #	59
67) Ethyl Benzene	11.51	91	14461	0.413	ug/l	99
68) m/p-Xylenes	11.62	106	20538	1.541	ug/l	90
69) o-Xylene	11.95	106	8108	0.606	ug/l	95
73) Isopropylbenzene	12.25	105	2778	Below Cal		91
74) N-amyl acetate	12.07	43	1806	Below Cal	#	79
75) 1,1,2,2-Tetrachloroethane	12.40	83	66	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	164016	41.022	ug/l #	100
78) n-propylbenzene	12.60	91	7401	0.327	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	20667	1.152	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	164016	115.096	ug/l #	8
82) 4-Chlorotoluene	12.78	91	2750	0.210	ug/l	92
83) tert-Butylbenzene	12.99	119	2430	Below Cal	#	87
84) 1,2,4-Trimethylbenzene	13.04	105	55710	3.395	ug/l	99
85) sec-Butylbenzene	13.17	105	4347	0.220	ug/l	91
86) p-Isopropyltoluene	13.29	119	4235	0.250	ug/l	90

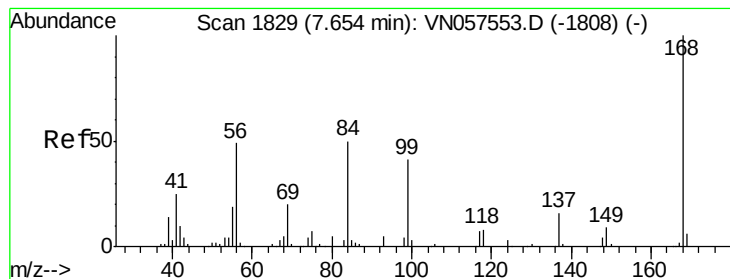
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN083119\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 11:59:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	13.29	146	2933	0.382	ug/l	88
88) 1,4-Dichlorobenzene	13.29	146	2933	0.398	ug/l	89
89) n-Butylbenzene	13.62	91	4056	0.316	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	2612	0.365	ug/l #	74
93) 1,2,4-Trichlorobenzene	14.91	180	3336	4.821	ug/l	97
94) Hexachlorobutadiene	15.01	225	950	0.402	ug/l	96
95) Naphthalene	15.13	128	17453	2.462	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	3617	1.494	ug/l	84

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN057595.D

Acq: 30 Aug 2019 18:21

Instrument :

MSVOA_N

ClientSampleId :

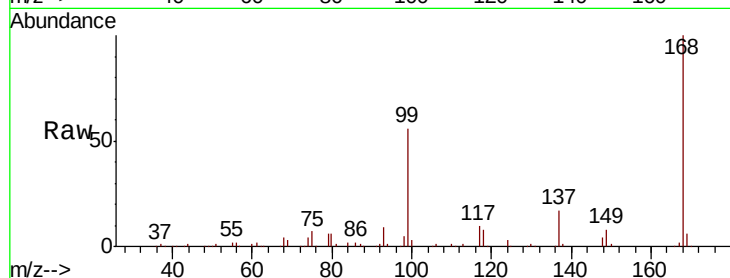
GS-STOCKPILE

Tgt Ion:168 Resp: 588980

Ion Ratio Lower Upper

168 100

99 56.0 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057553.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN057553.D (-1808) (-)

7.65

250000

200000

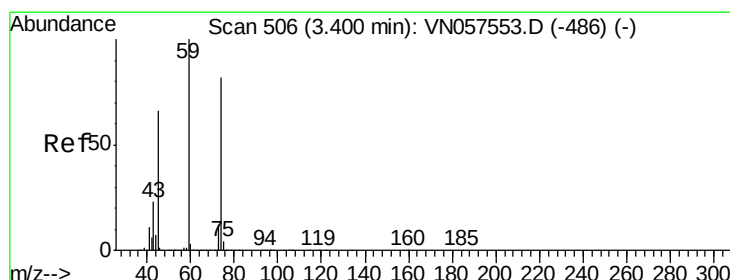
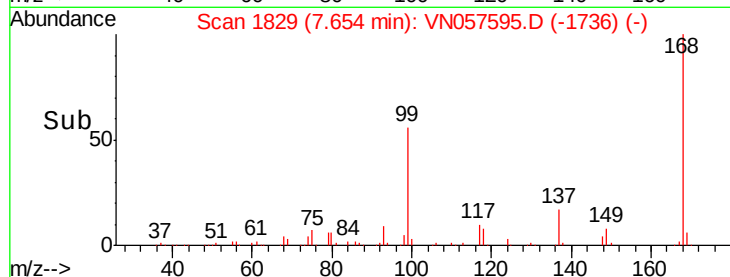
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 0.338 ug/l

RT: 3.40 min Scan# 506

Delta R.T. -0.00 min

Lab File: VN057595.D

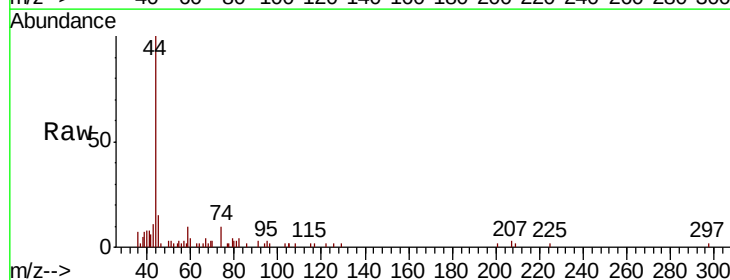
Acq: 30 Aug 2019 18:21

Tgt Ion: 74 Resp: 2272

Ion Ratio Lower Upper

74 100

45 110.0 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN057553.D (-486) (-)

Ion 45.00 (44.70 to 45.70): VN057553.D (-486) (-)

3.40

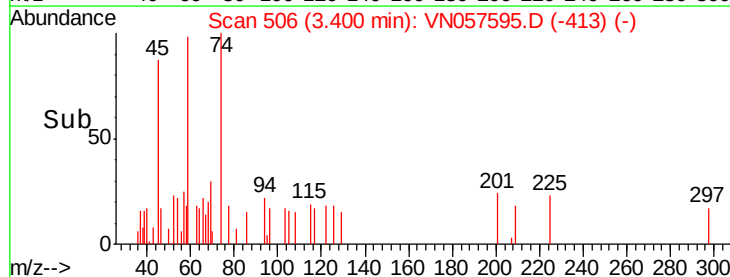
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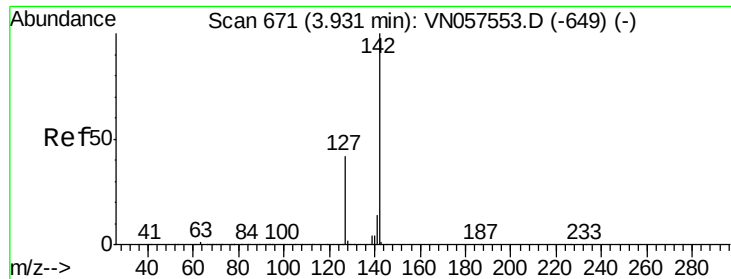
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500

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Time-->

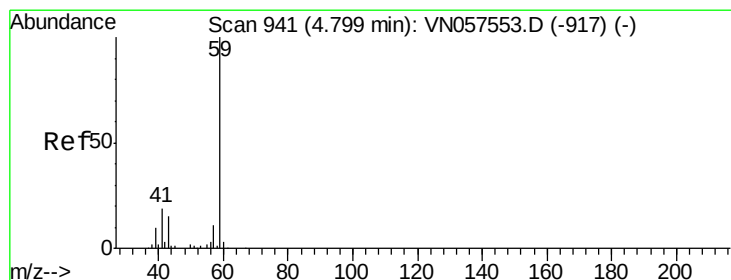
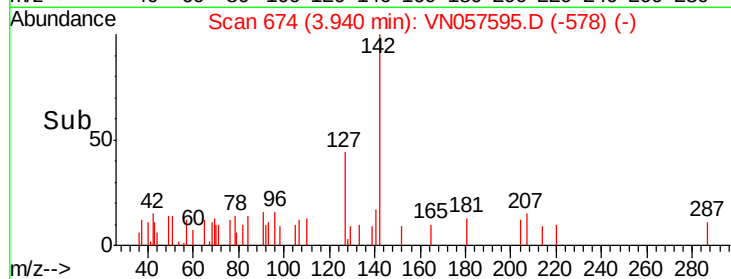
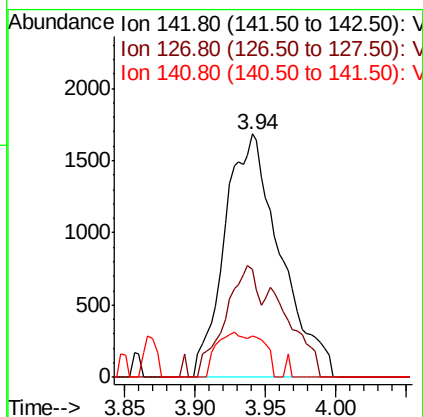
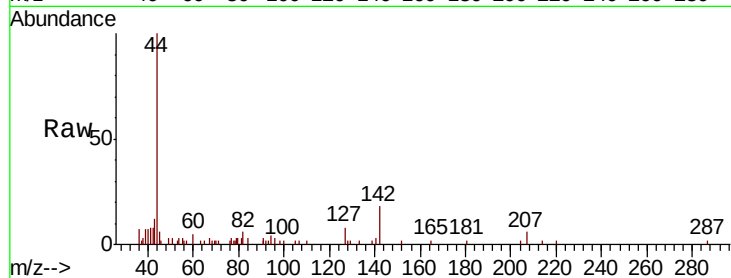




#10
Methyl Iodide
Concen: 0.239 ug/l
RT: 3.94 min Scan# 674
Delta R.T. 0.01 min
Lab File: VN057595.D
Acq: 30 Aug 2019 18:21

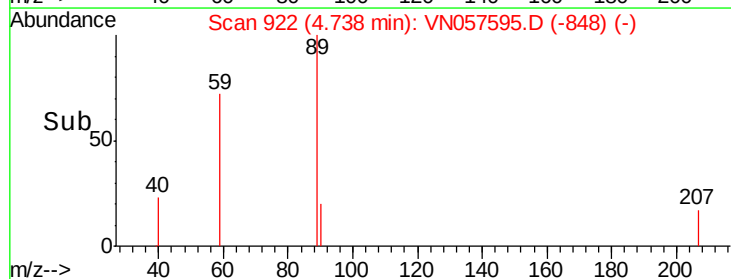
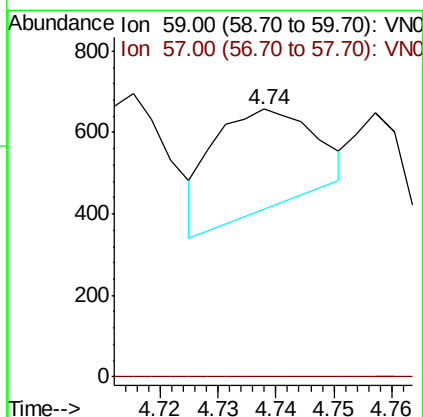
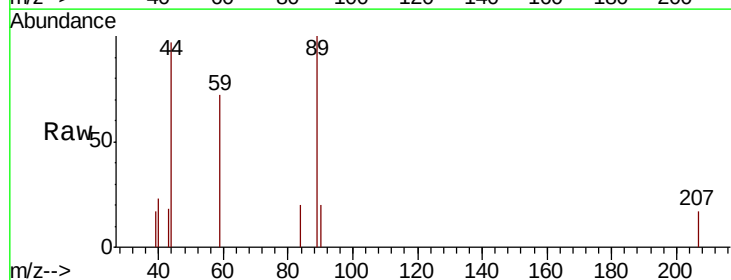
Instrument :
MSVOA_N
ClientSampleId :
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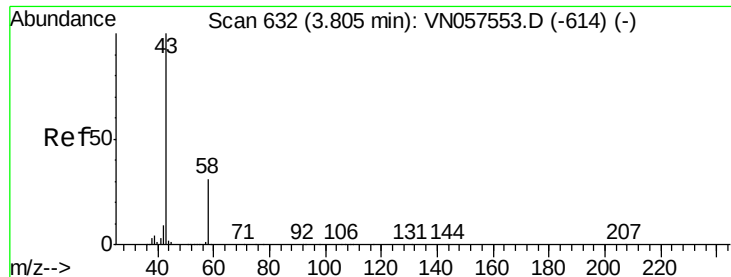
Tgt Ion:142 Resp: 4634
Ion Ratio Lower Upper
142 100
127 27.6 37.8 56.8#
141 9.9 11.9 17.9#



#11
Tert butyl alcohol
Concen: 0.320 ug/l
RT: 4.74 min Scan# 922
Delta R.T. -0.06 min
Lab File: VN057595.D
Acq: 30 Aug 2019 18:21

Tgt Ion: 59 Resp: 304
Ion Ratio Lower Upper
59 100
57 0.0 9.1 13.7#

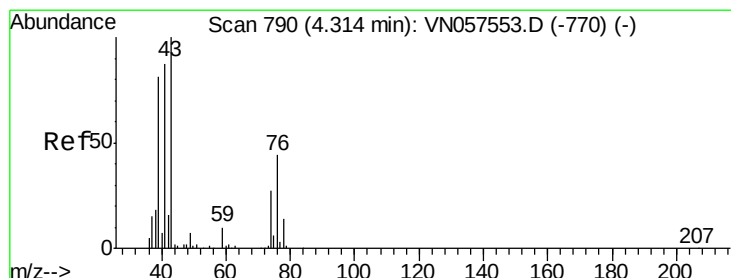
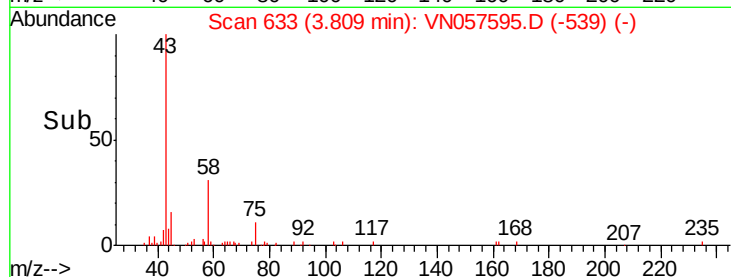
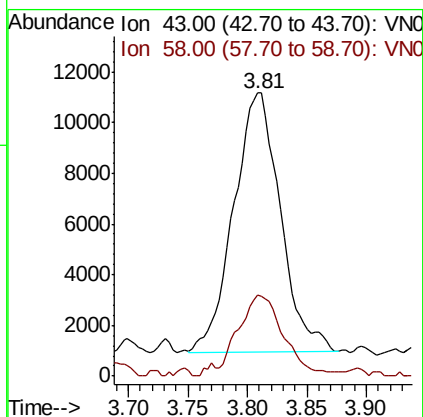
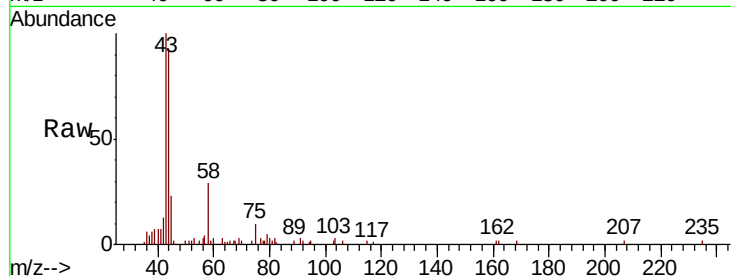




#16
Acetone
Concen: 7.115 ug/l
RT: 3.81 min Scan# 633
Delta R.T. 0.00 min
Lab File: VN057595.D
Acq: 30 Aug 2019 18:21

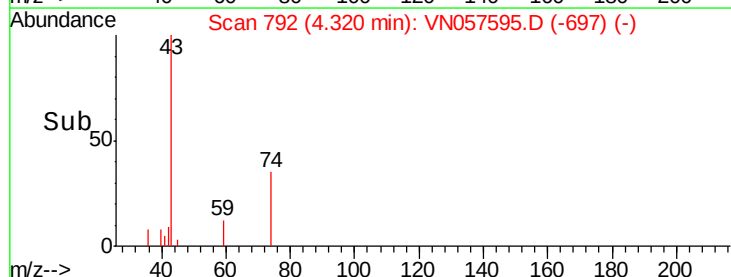
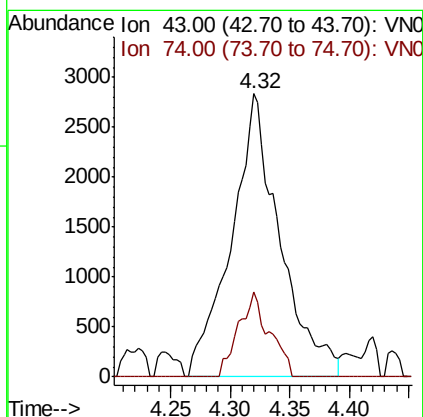
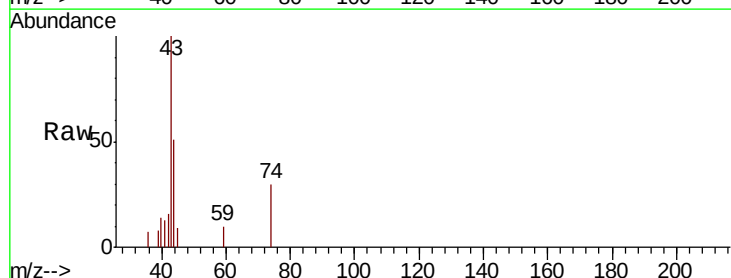
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MSVOA_N
ClientSampleId :
GS-STOCKPILE

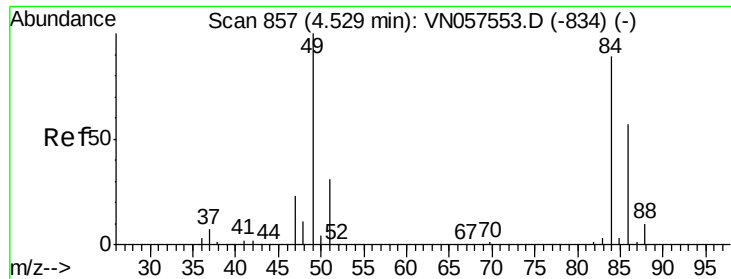
Tgt Ion: 43 Resp: 27725
Ion Ratio Lower Upper
43 100
58 29.7 22.1 33.1



#18
Methyl Acetate
Concen: Below Cal
RT: 4.32 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN057595.D
Acq: 30 Aug 2019 18:21

Tgt Ion: 43 Resp: 8038
Ion Ratio Lower Upper
43 100
74 19.1 15.9 23.9

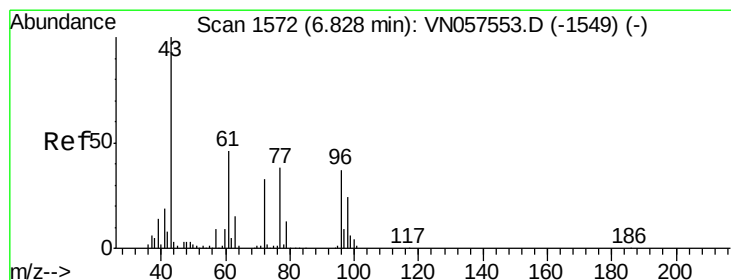
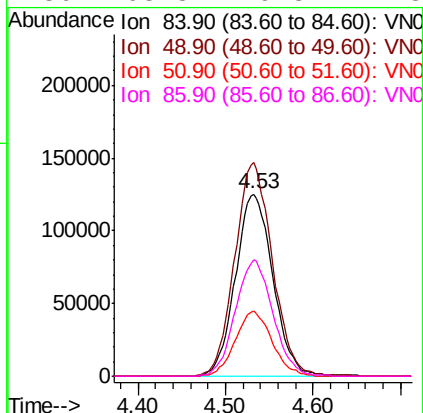
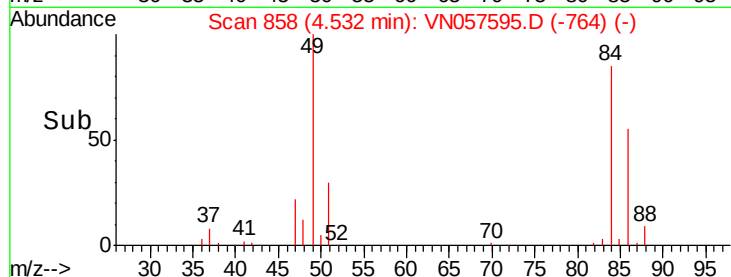
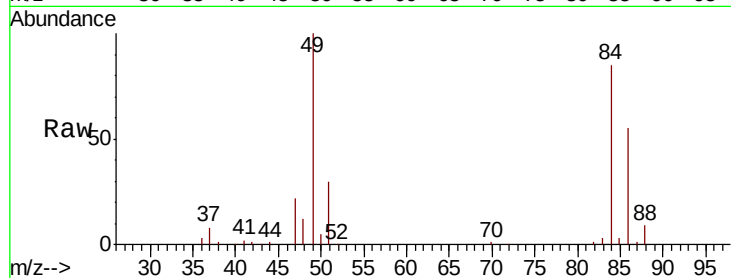




#20
Methylene Chloride
Concen: 51.663 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN057595.D
Acq: 30 Aug 2019 18:21

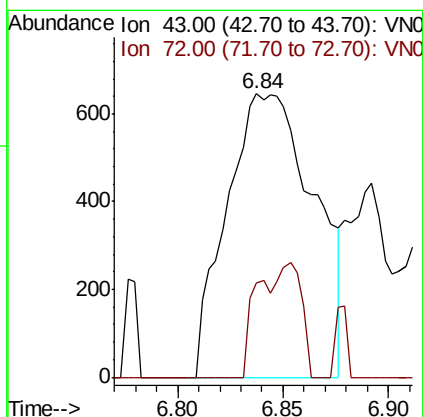
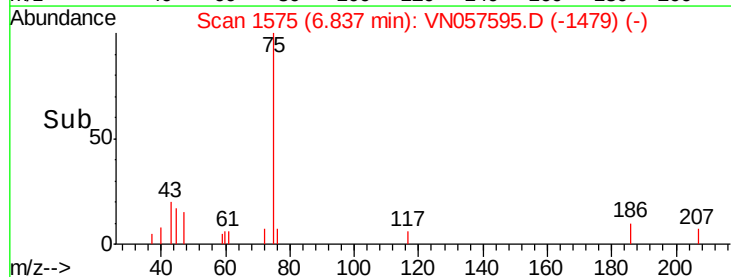
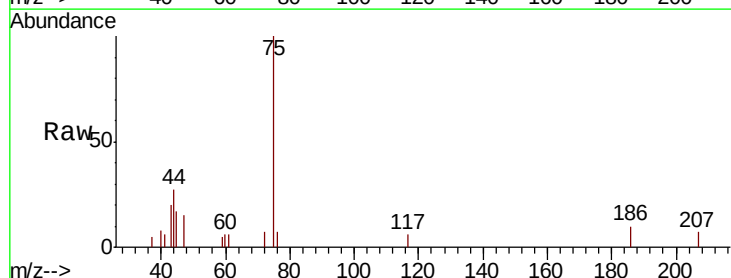
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MSVOA_N
ClientSampleId :
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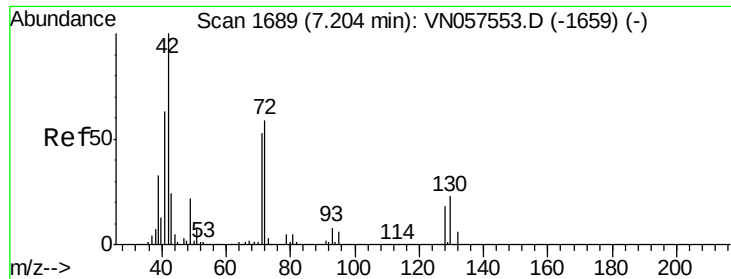
Tgt Ion: 84 Resp: 372943
Ion Ratio Lower Upper
84 100
49 117.1 117.0 175.4
51 35.5 35.5 53.3
86 63.8 49.8 74.8



#25
2-Butanone
Concen: 0.603 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VN057595.D
Acq: 30 Aug 2019 18:21

Tgt Ion: 43 Resp: 1855
Ion Ratio Lower Upper
43 100
72 33.4 17.8 26.8#

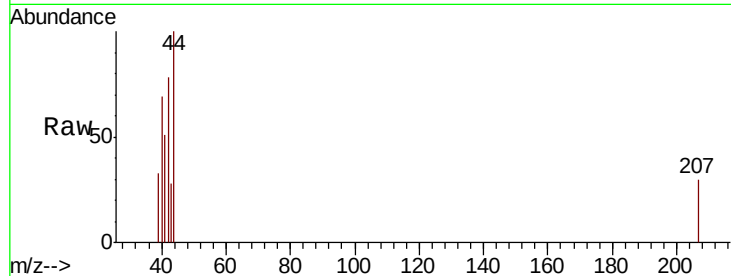




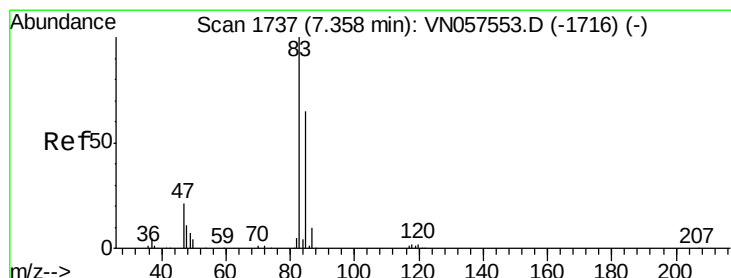
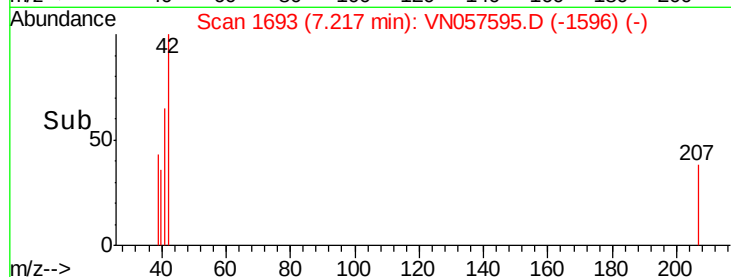
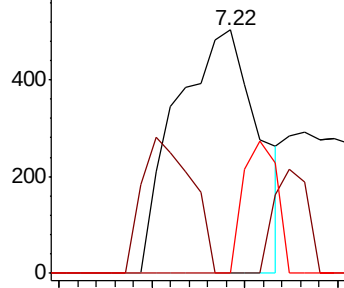
#29
Tetrahydrofuran
Concen: 0.325 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN057595.D
Acq: 30 Aug 2019 18:21

Instrument :
MSVOA_N
ClientSampleId :
GS-STOCKPILE

Tgt Ion: 42 Resp: 626
Ion Ratio Lower Upper
42 100
72 17.4 30.1 45.1#
71 22.0 28.8 43.2#

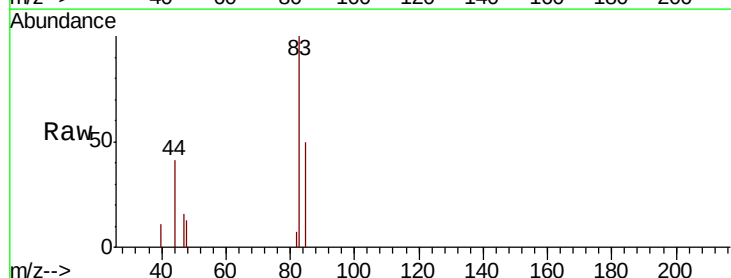


Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO

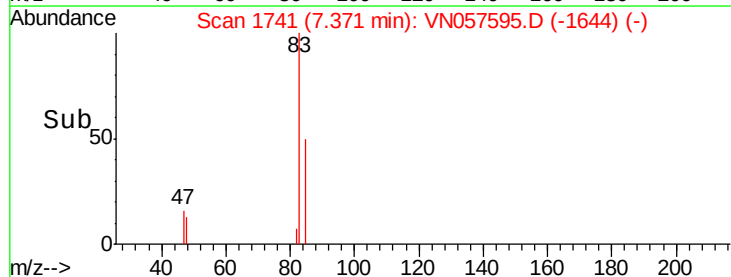
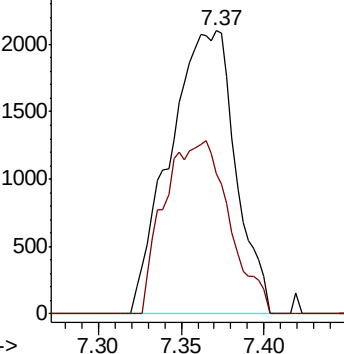


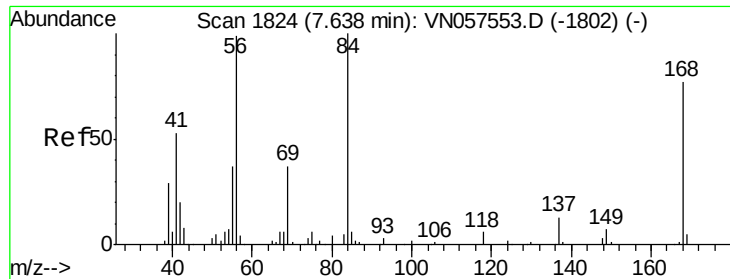
#30
Chloroform
Concen: 0.388 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VN057595.D
Acq: 30 Aug 2019 18:21

Tgt Ion: 83 Resp: 5809
Ion Ratio Lower Upper
83 100
85 49.6 51.9 77.9#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO

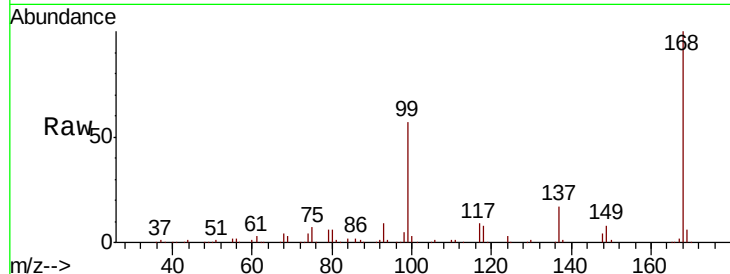




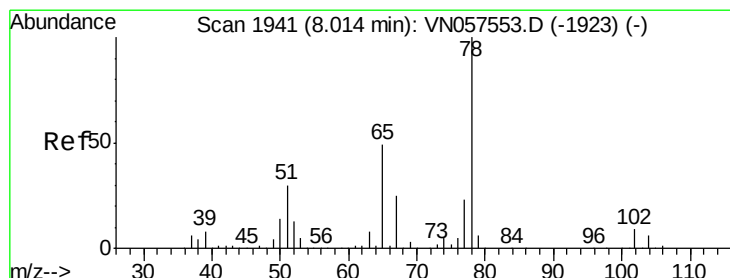
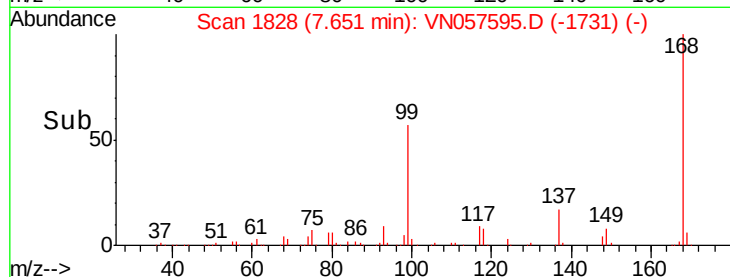
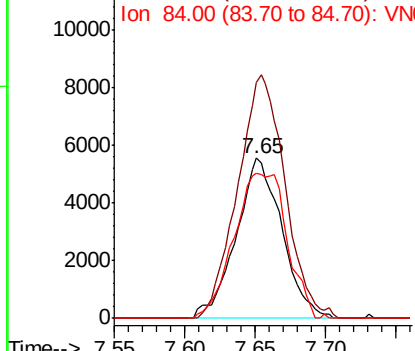
#31
Cyclohexane
Concen: 1.125 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN057595.D
Acq: 30 Aug 2019 18:21

Instrument :
MSVOA_N
ClientSampleId :
GS-STOCKPILE

Tgt Ion: 56 Resp: 12595
Ion Ratio Lower Upper
56 100
69 147.2 25.0 37.6#
84 90.6 62.5 93.7

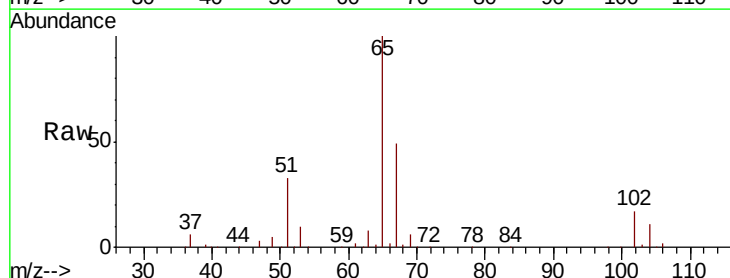


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

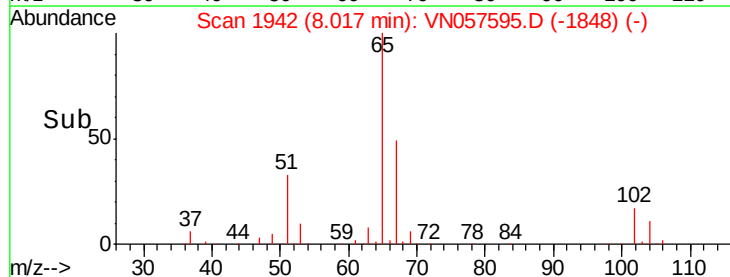
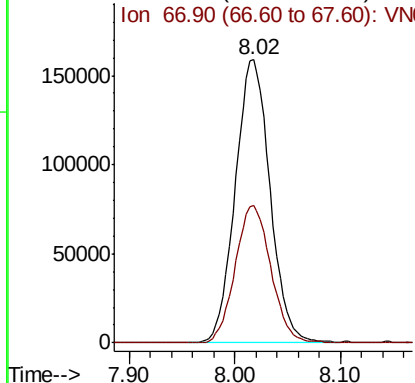


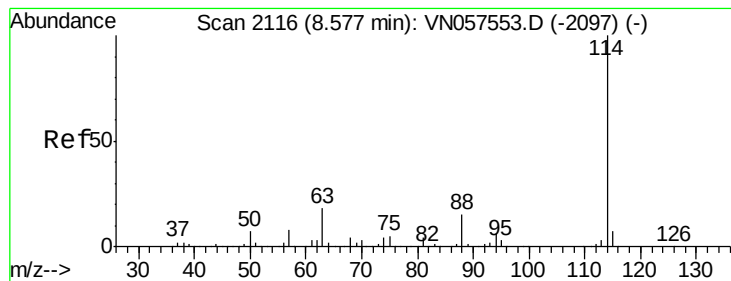
#33
1,2-Dichloroethane-d4
Concen: 37.717 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN057595.D
Acq: 30 Aug 2019 18:21

Tgt Ion: 65 Resp: 363597
Ion Ratio Lower Upper
65 100
67 49.9 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. -0.00 min

Lab File: VN057595.D

Acq: 30 Aug 2019 18:21

Instrument :

MSVOA_N

ClientSampleId :

GS-STOCKPILE

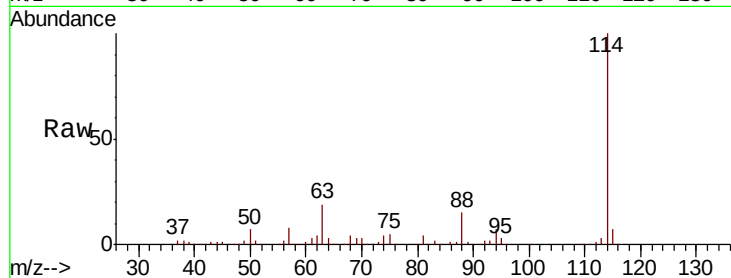
Tgt Ion:114 Resp: 930491

Ion Ratio Lower Upper

114 100

63 18.9 0.0 50.2

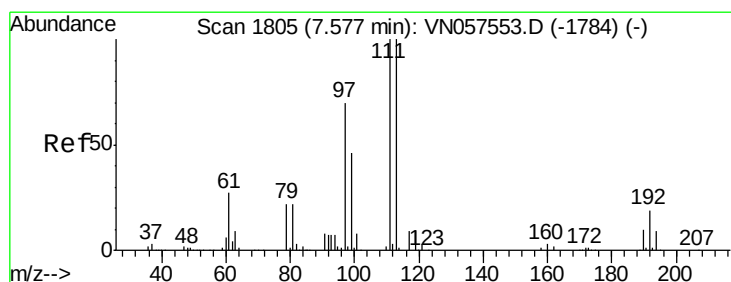
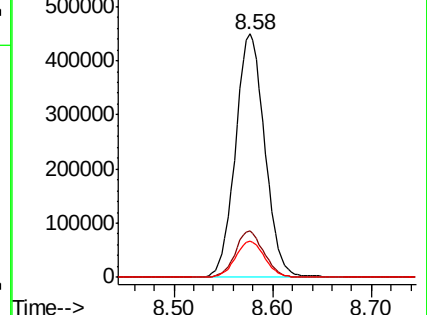
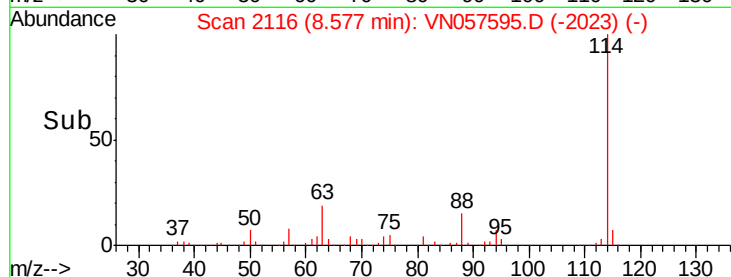
88 14.8 0.0 34.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 33.923 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.00 min

Lab File: VN057595.D

Acq: 30 Aug 2019 18:21

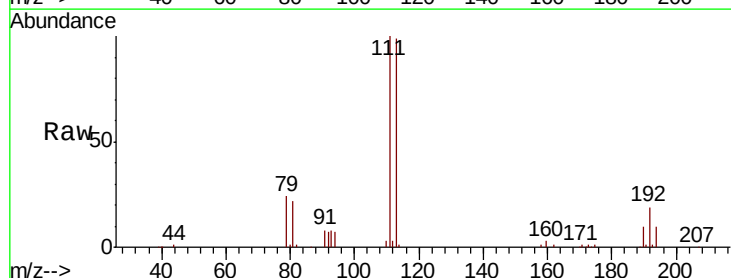
Tgt Ion:113 Resp: 282129

Ion Ratio Lower Upper

113 100

111 104.2 83.8 125.6

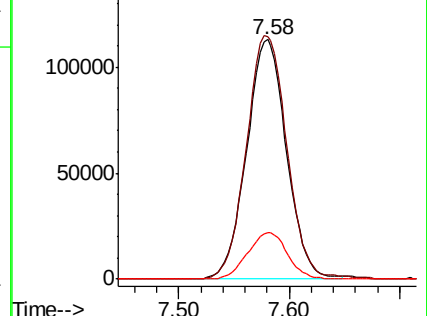
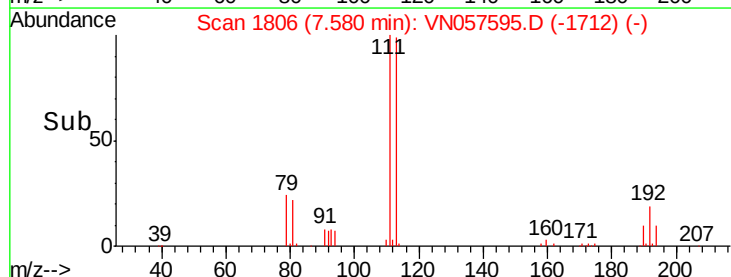
192 19.4 13.5 20.3

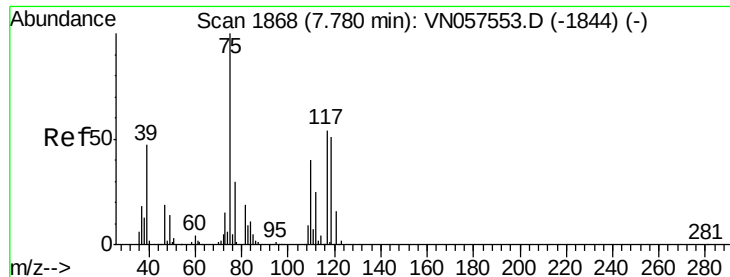


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.218 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.13 min

Lab File: VN057595.D

Acq: 30 Aug 2019 18:21

Instrument :

MSVOA_N

ClientSampleId :

GS-STOCKPILE

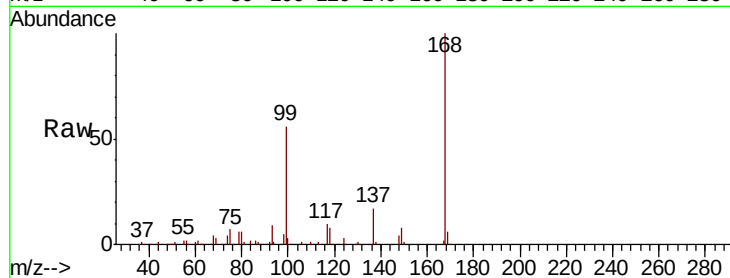
Tgt Ion: 75 Resp: 42455

Ion Ratio Lower Upper

75 100

110 9.7 16.1 48.3#

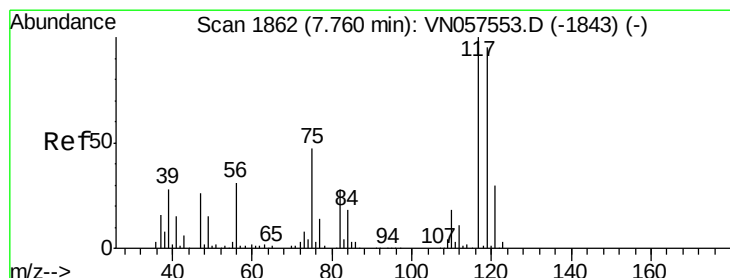
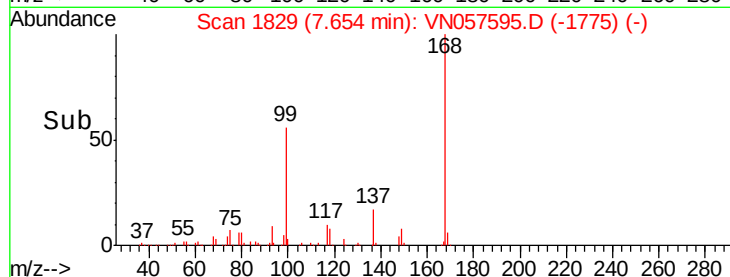
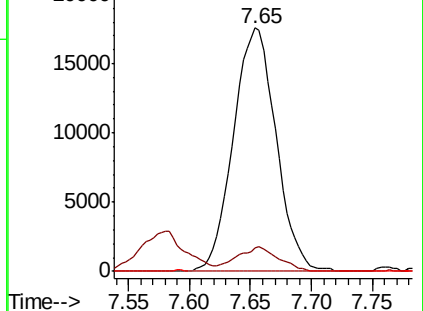
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0



#38

Carbon Tetrachloride

Concen: 4.852 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.11 min

Lab File: VN057595.D

Acq: 30 Aug 2019 18:21

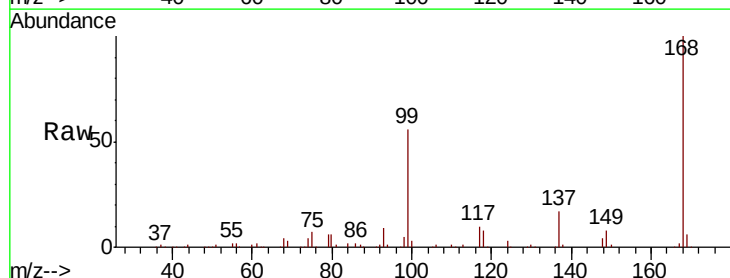
Tgt Ion: 117 Resp: 57110

Ion Ratio Lower Upper

117 100

119 4.8 76.2 114.4#

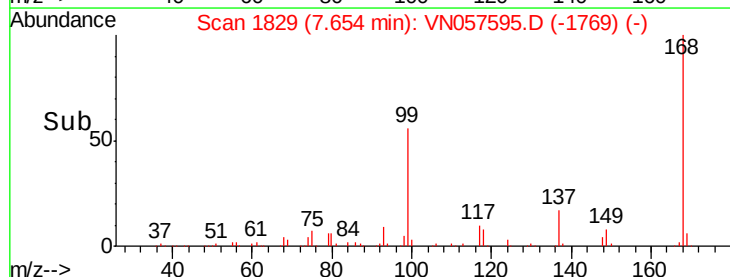
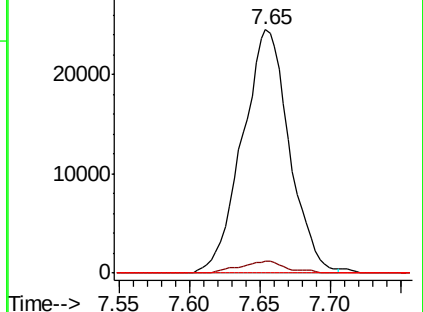
121 0.0 23.8 35.6#

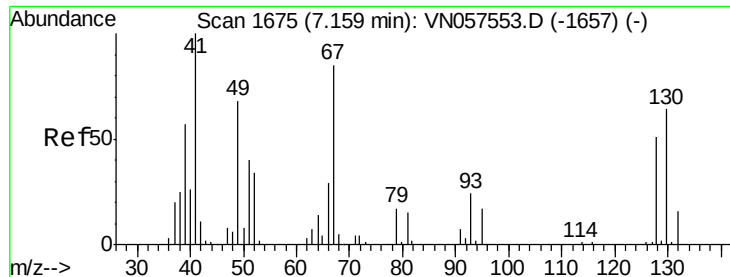


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#41

Methacrylonitrile

Concen: 1.287 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.01 min

Lab File: VN057595.D

Acq: 30 Aug 2019 18:21

Instrument :

MSVOA_N

ClientSampleId :

GS-STOCKPILE

Tgt Ion: 41 Resp: 65

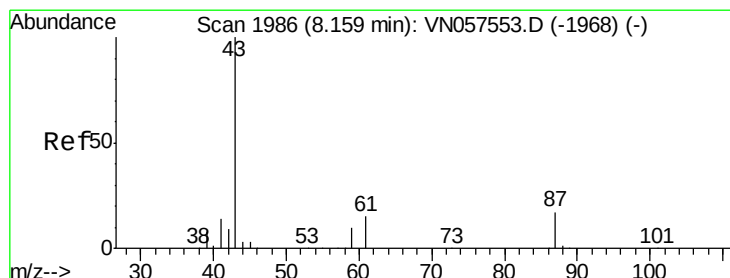
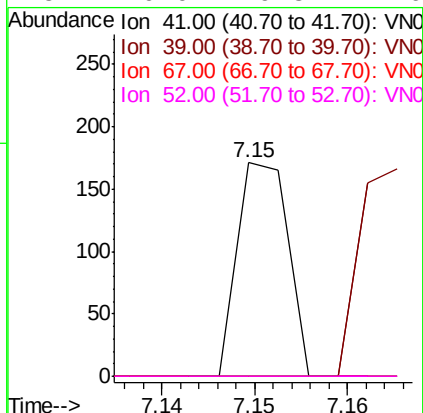
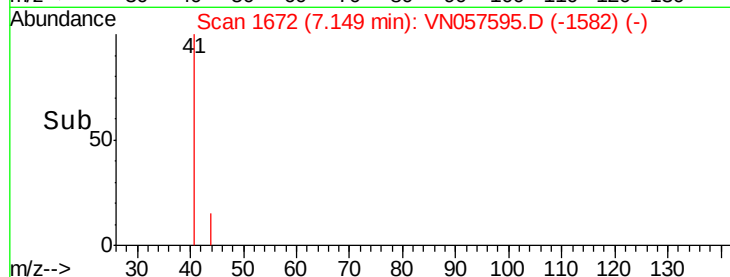
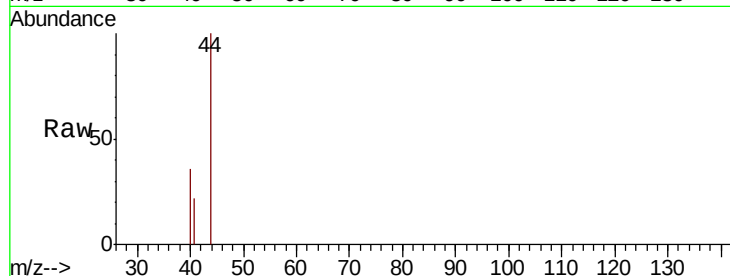
Ion Ratio Lower Upper

41 100

39 95.4 53.6 80.4#

67 0.0 65.4 98.2#

52 0.0 29.8 44.6#



#43

Isopropyl Acetate

Concen: 5.982 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN057595.D

Acq: 30 Aug 2019 18:21

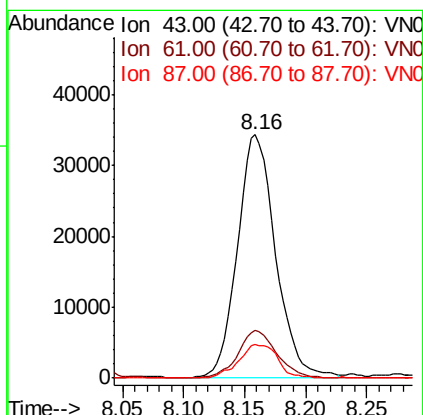
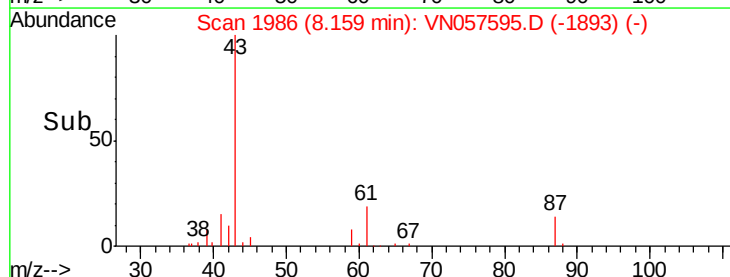
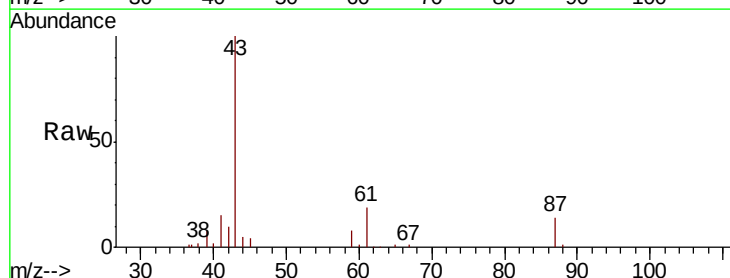
Tgt Ion: 43 Resp: 74469

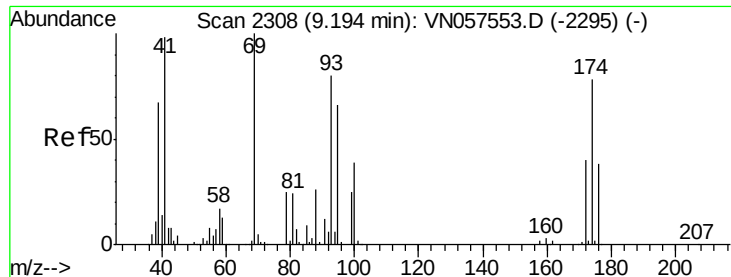
Ion Ratio Lower Upper

43 100

61 19.7 14.5 21.7

87 14.0 8.6 12.8#

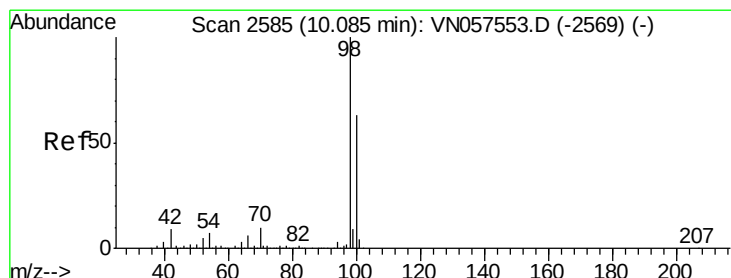
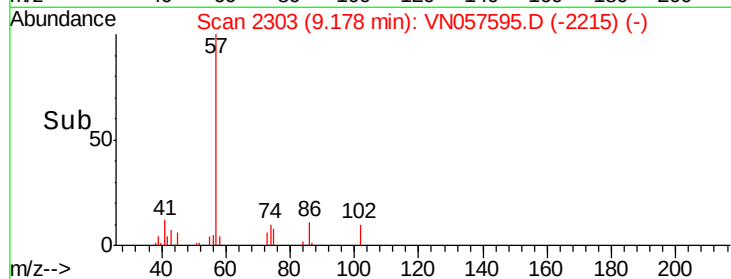
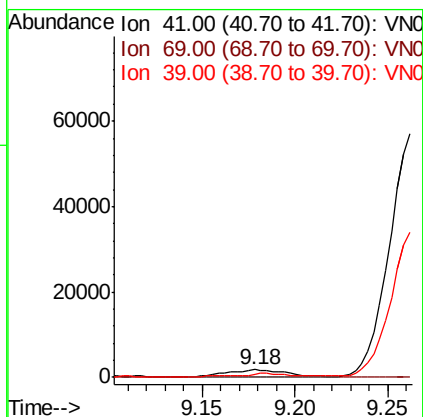
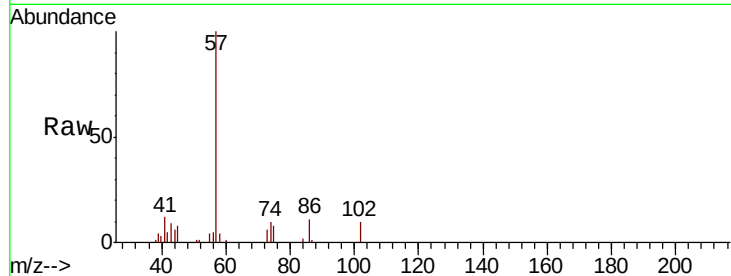




#48
Methyl methacrylate
Concen: 0.729 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN057595.D
Acq: 30 Aug 2019 18:21

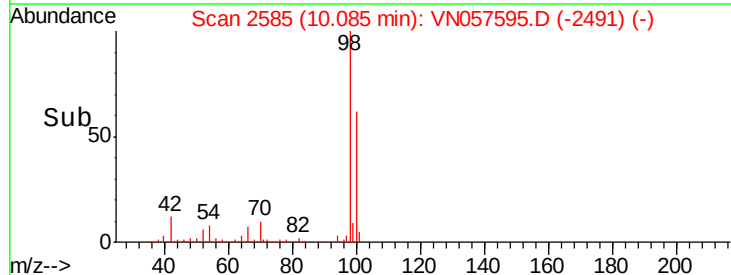
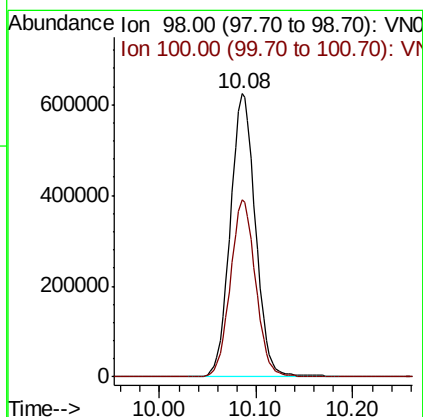
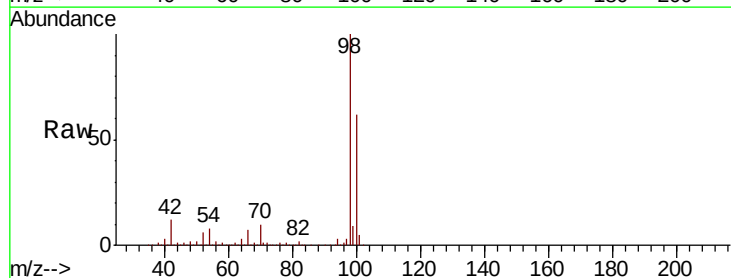
Instrument :
MSVOA_N
ClientSampleId :
GS-STOCKPILE

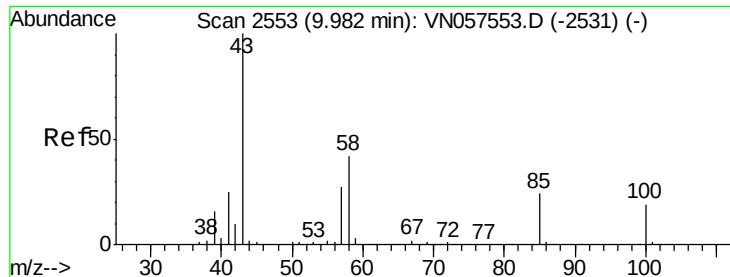
Tgt Ion: 41 Resp: 4283
Ion Ratio Lower Upper
41 100
69 0.0 59.3 88.9#
39 54.7 50.6 75.8



#50
Toluene-d8
Concen: 38.307 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057595.D
Acq: 30 Aug 2019 18:21

Tgt Ion: 98 Resp: 1126919
Ion Ratio Lower Upper
98 100
100 62.6 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 0.925 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN057595.D

Acq: 30 Aug 2019 18:21

Instrument :

MSVOA_N

ClientSampleId :

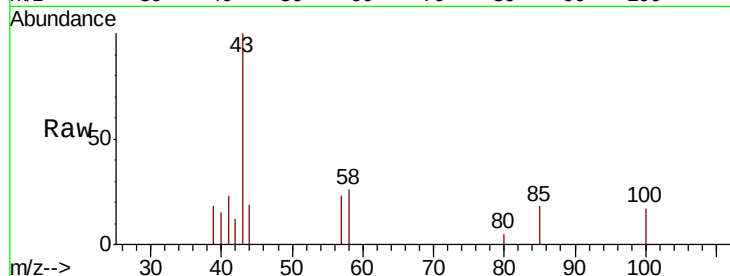
GS-STOCKPILE

Tgt Ion: 43 Resp: 6152

Ion Ratio Lower Upper

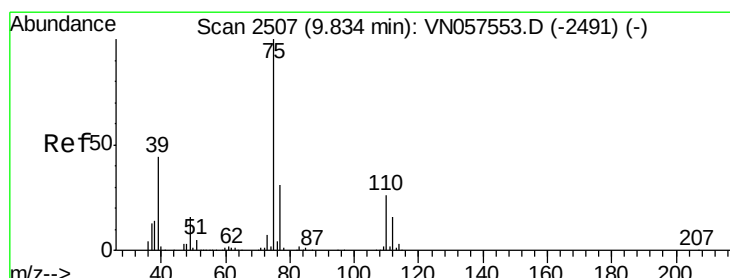
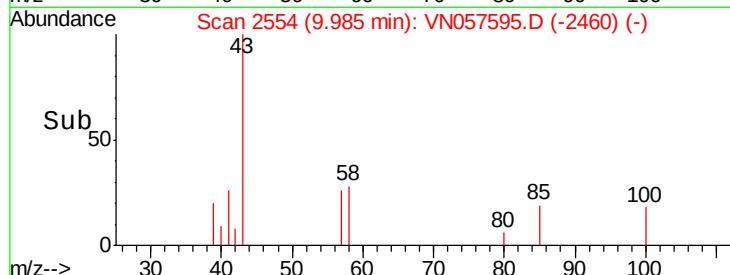
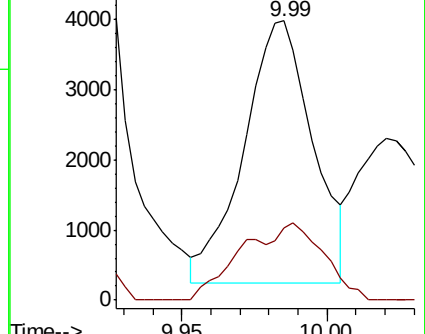
43 100

58 35.1 27.9 41.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 3.188 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN057595.D

Acq: 30 Aug 2019 18:21

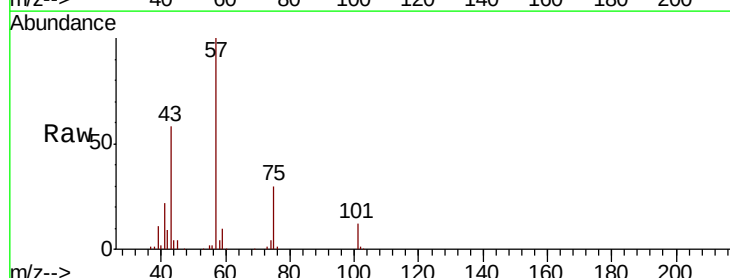
Tgt Ion: 75 Resp: 38861

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.6#

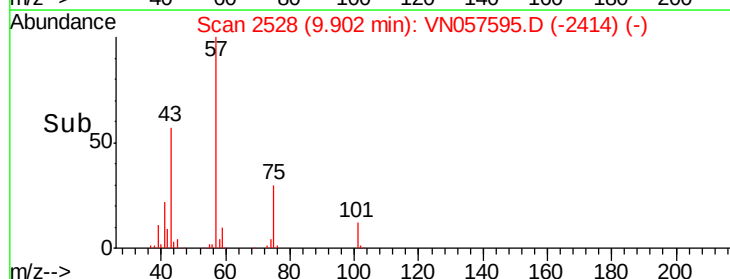
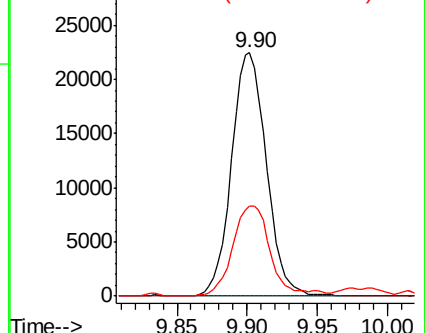
39 37.1 49.2 73.8#

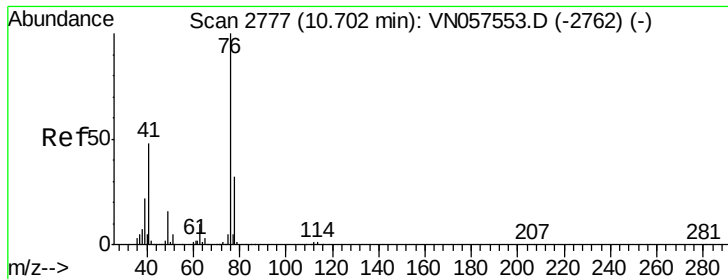


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

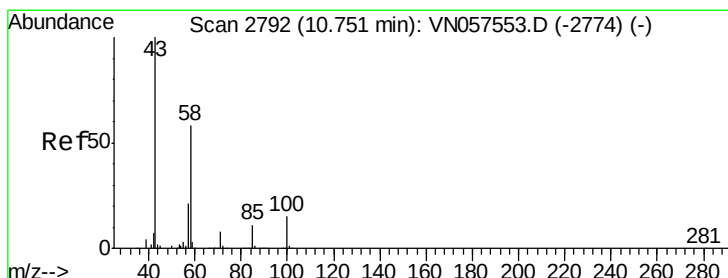
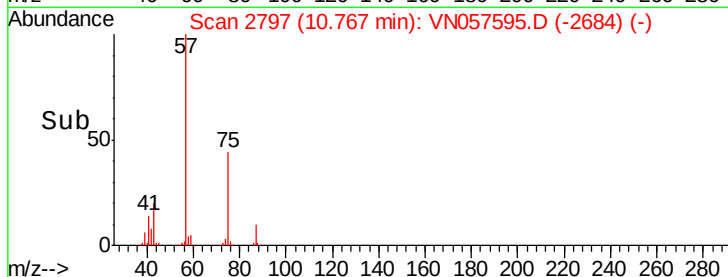
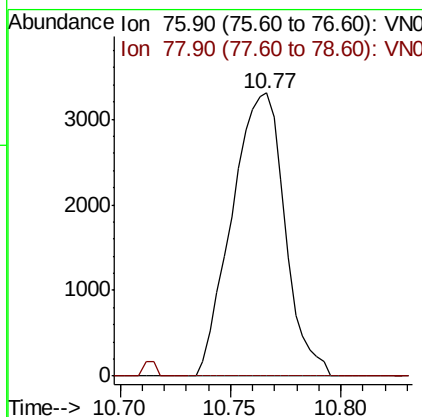
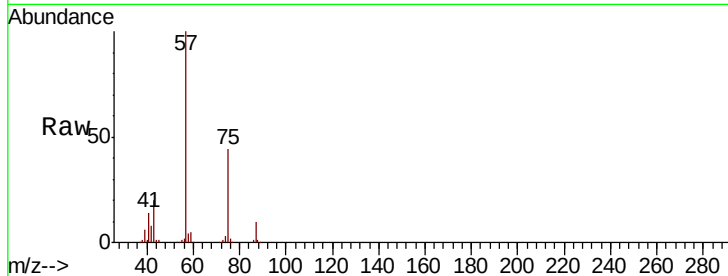




#57
 1,3-Dichloropropane
 Concen: 0.448 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN057595.D
 Acq: 30 Aug 2019 18:21

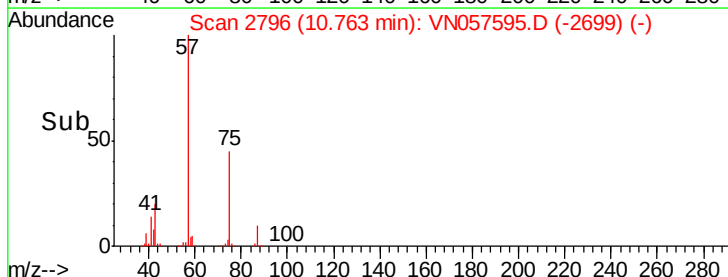
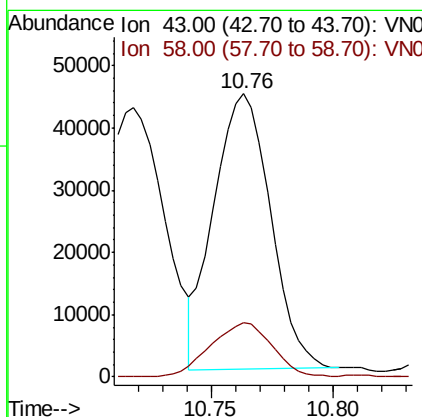
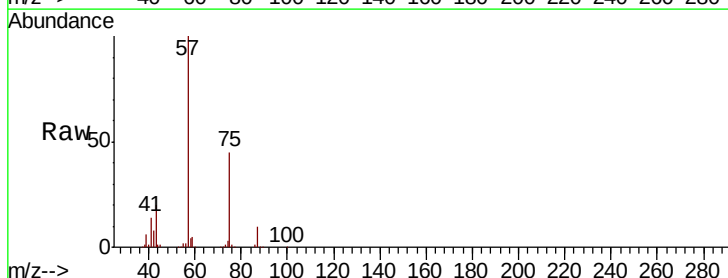
Instrument :
 MSVOA_N
 ClientSampled :
 GS-STOCKPILE

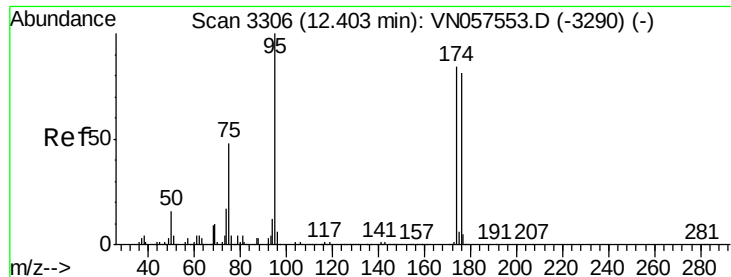
Tgt Ion: 76 Resp: 5499
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.5 38.3#



#59
 2-Hexanone
 Concen: 15.599 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN057595.D
 Acq: 30 Aug 2019 18:21

Tgt Ion: 43 Resp: 71652
 Ion Ratio Lower Upper
 43 100
 58 21.4 24.6 73.6#





#62

4-Bromofluorobenzene

Concen: 31.193 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057595.D

Acq: 30 Aug 2019 18:21

Instrument :

MSVOA_N

ClientSampleId :

GS-STOCKPILE

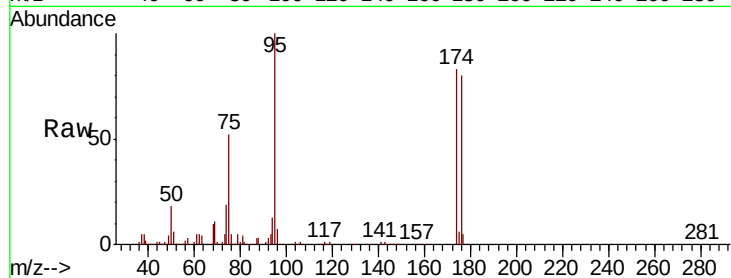
Tgt Ion: 95 Resp: 308032

Ion Ratio Lower Upper

95 100

174 83.0 0.0 133.0

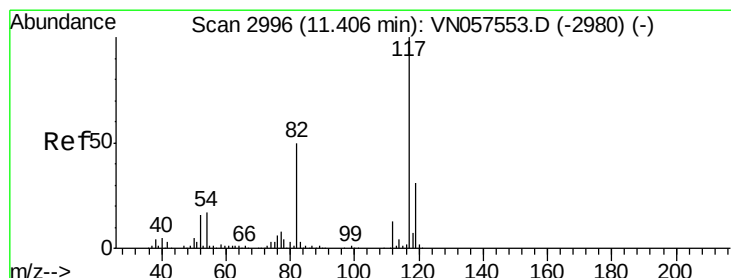
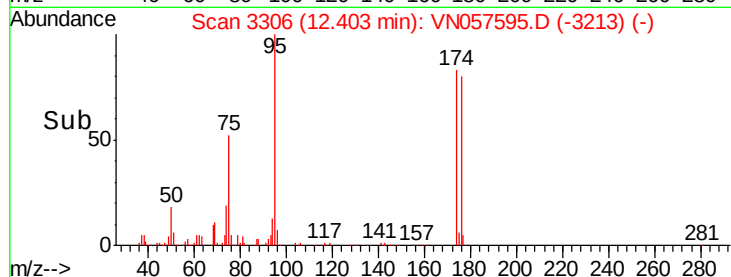
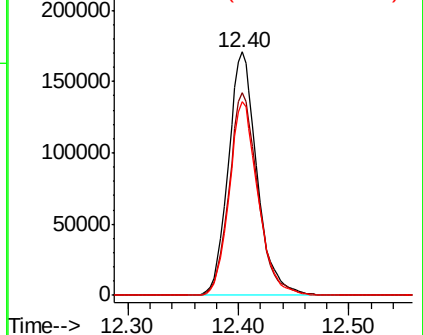
176 79.7 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN057595.D

Acq: 30 Aug 2019 18:21

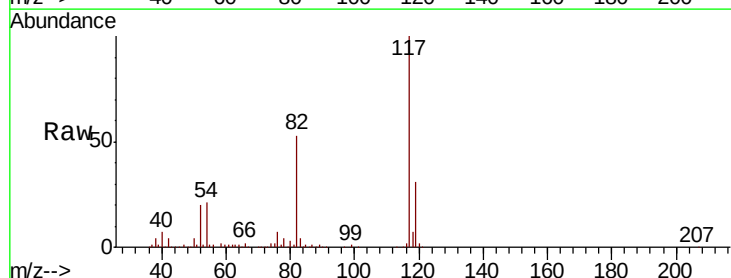
Tgt Ion: 117 Resp: 794100

Ion Ratio Lower Upper

117 100

82 53.1 50.6 75.8

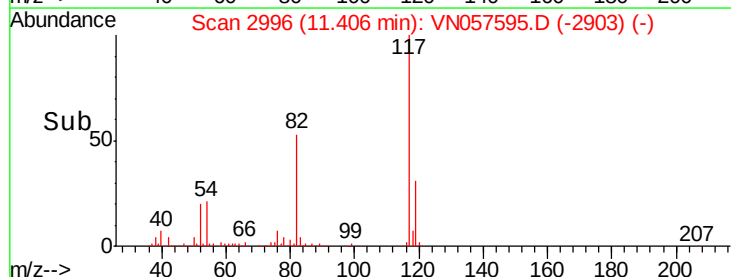
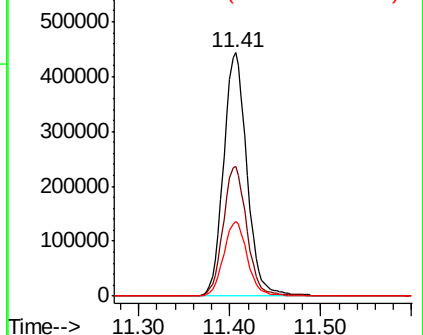
119 30.7 24.6 36.8

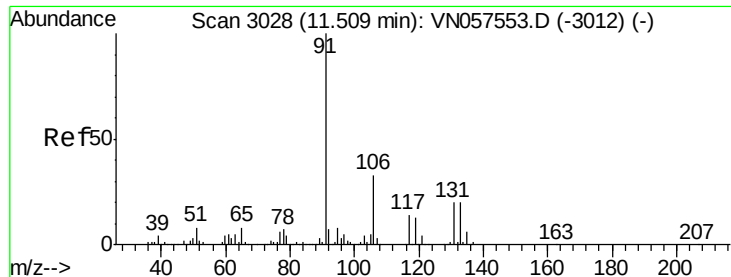


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

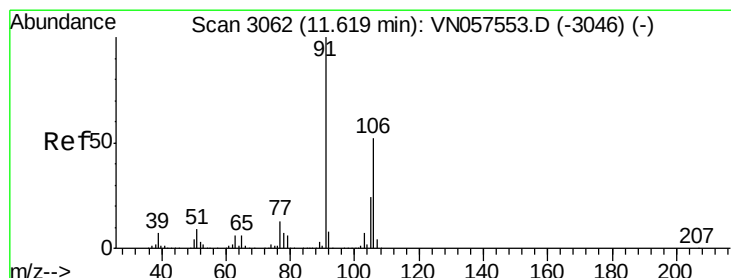
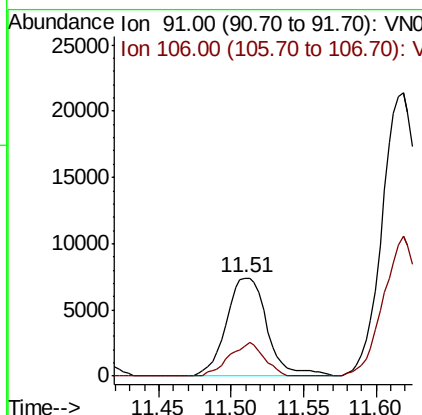
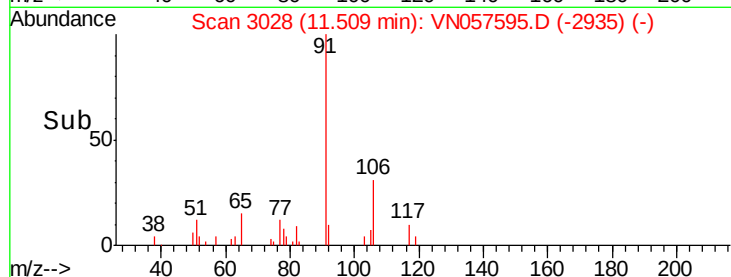
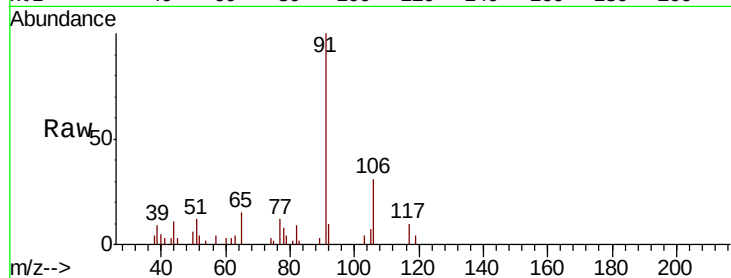




#67
Ethyl Benzene
Concen: 0.413 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN057595.D
Acq: 30 Aug 2019 18:21

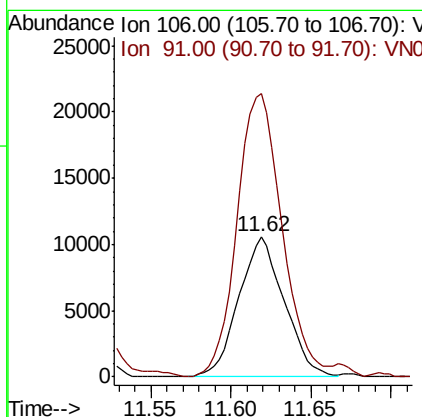
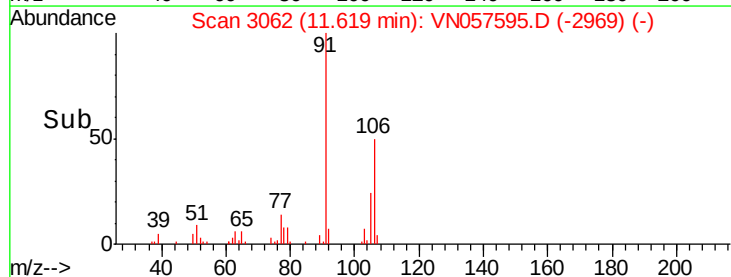
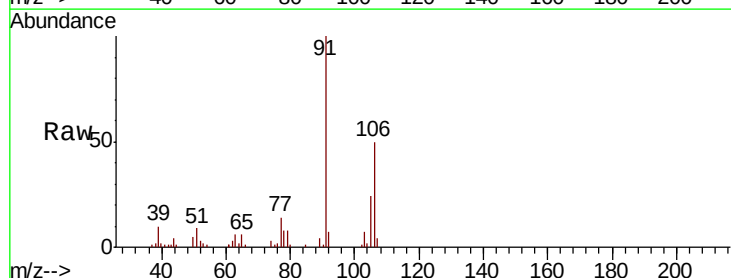
Instrument :
MSVOA_N
ClientSampleId :
GS-STOCKPILE

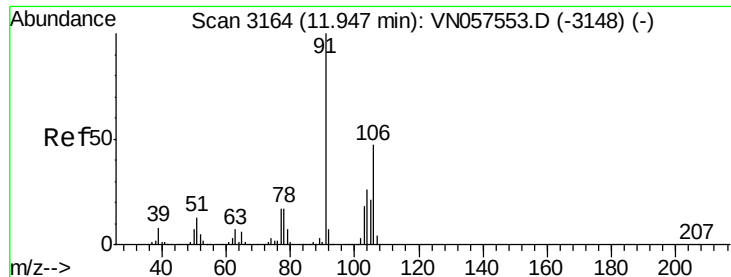
Tgt Ion: 91 Resp: 14461
Ion Ratio Lower Upper
91 100
106 30.5 24.1 36.1



#68
m/p-Xylenes
Concen: 1.541 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN057595.D
Acq: 30 Aug 2019 18:21

Tgt Ion: 106 Resp: 20538
Ion Ratio Lower Upper
106 100
91 199.5 171.8 257.6

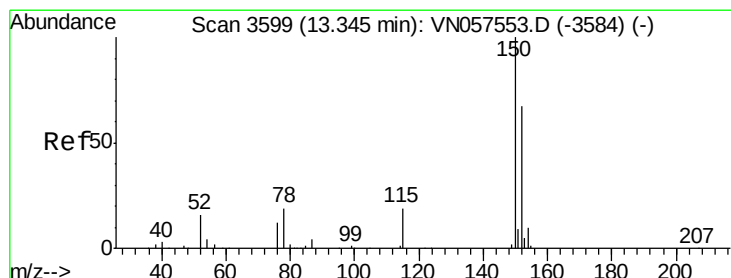
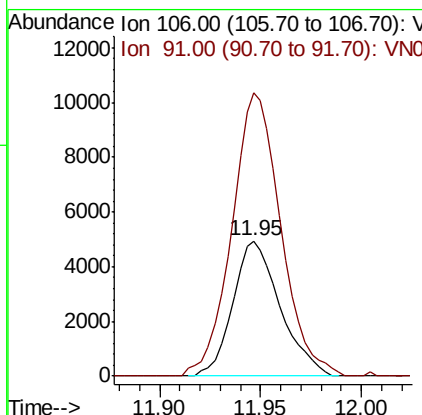
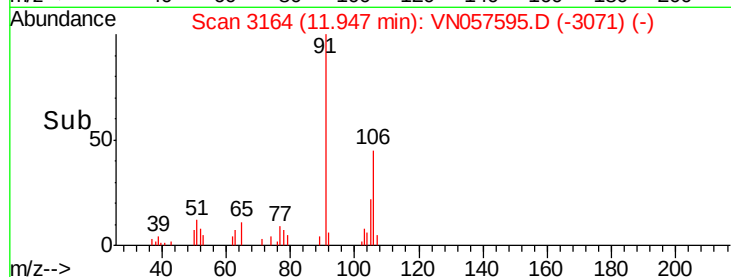
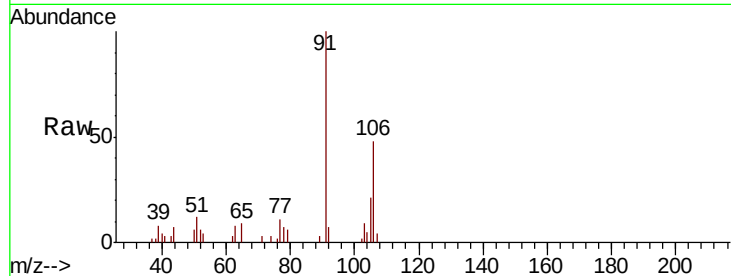




#69
o-Xylene
Concen: 0.606 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN057595.D
Acq: 30 Aug 2019 18:21

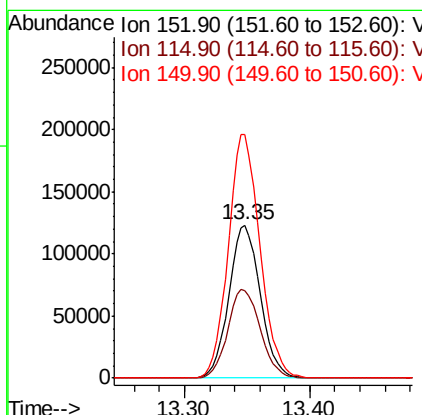
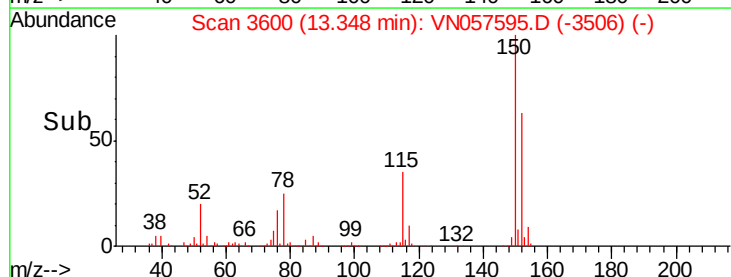
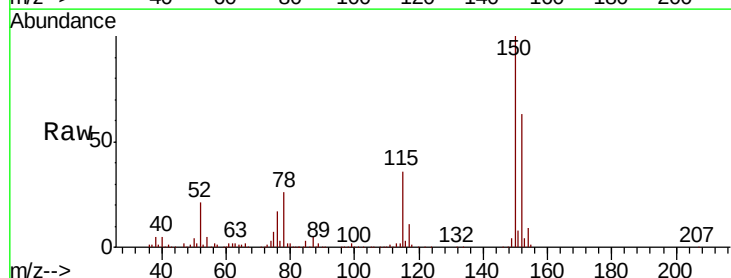
Instrument :
MSVOA_N
ClientSampleId :
GS-STOCKPILE

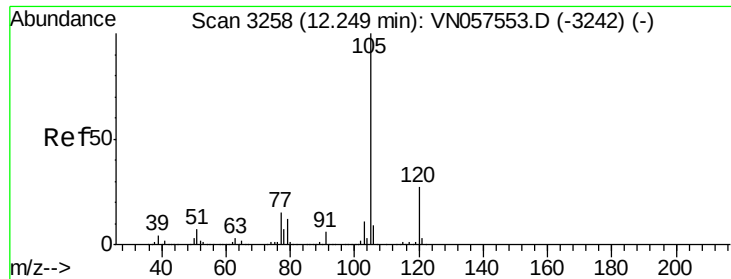
Tgt Ion:106 Resp: 8108
Ion Ratio Lower Upper
106 100
91 216.7 112.3 336.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057595.D
Acq: 30 Aug 2019 18:21

Tgt Ion:152 Resp: 214277
Ion Ratio Lower Upper
152 100
115 60.2 32.0 96.0
150 160.8 0.0 346.6





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057595.D

Acq: 30 Aug 2019 18:21

Instrument :

MSVOA_N

ClientSampleId :

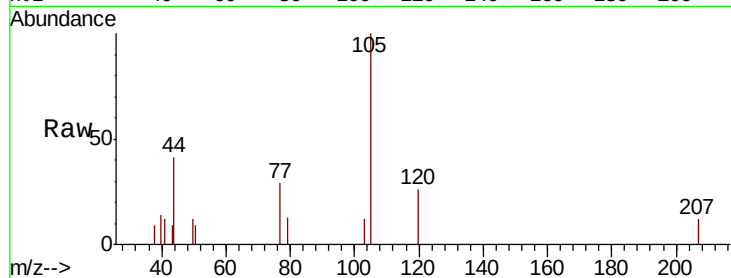
GS-STOCKPILE

Tgt Ion: 105 Resp: 2778

Ion Ratio Lower Upper

105 100

120 21.0 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

2000

1500

1000

500

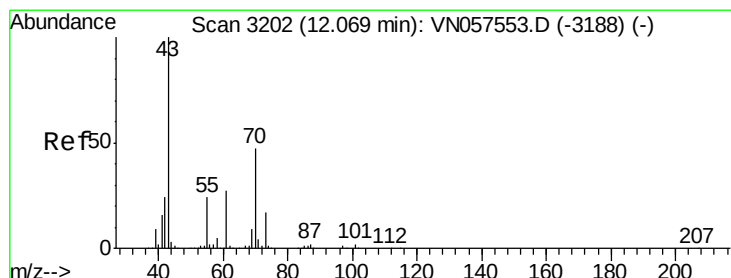
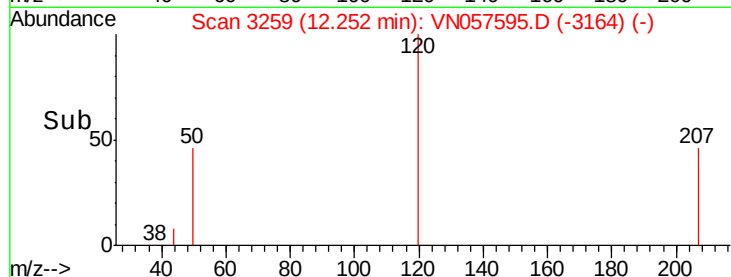
0

Time-->

12.20

12.25

12.30



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057595.D

Acq: 30 Aug 2019 18:21

Tgt Ion: 43 Resp: 1806

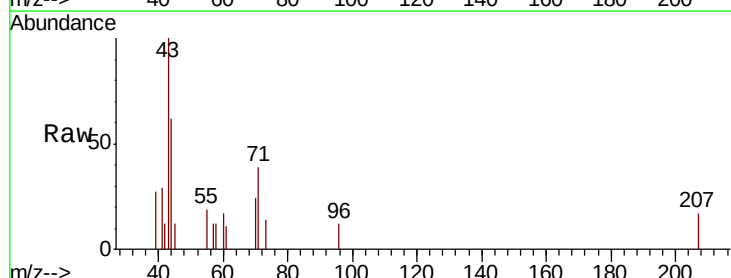
Ion Ratio Lower Upper

43 100

70 31.5 27.8 41.6

55 10.2 17.0 25.4#

61 0.0 17.0 25.6#



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

2000

1500

1000

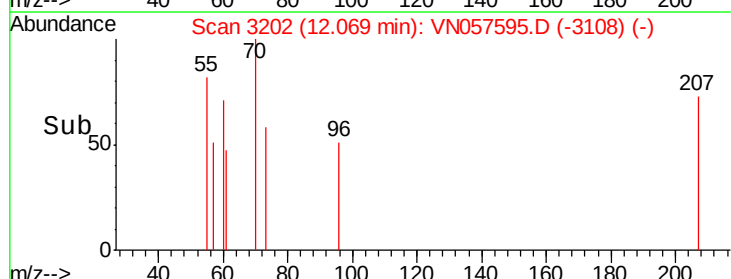
500

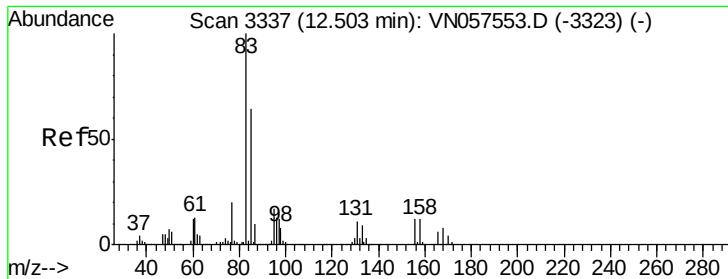
0

Time-->

12.05

12.10





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3306

Delta R.T. -0.10 min

Lab File: VN057595.D

Acq: 30 Aug 2019 18:21

Instrument :

MSVOA_N

ClientSampleId :

GS-STOCKPILE

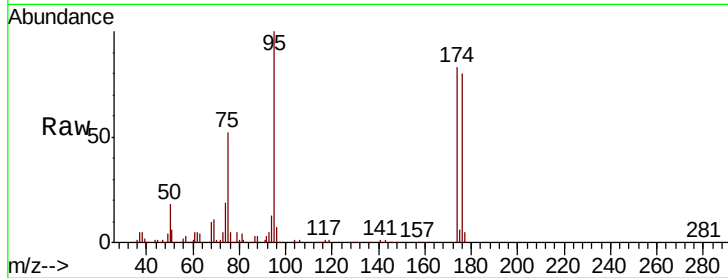
Tgt Ion: 83 Resp: 66

Ion Ratio Lower Upper

83 100

131 356.1 4.3 13.1#

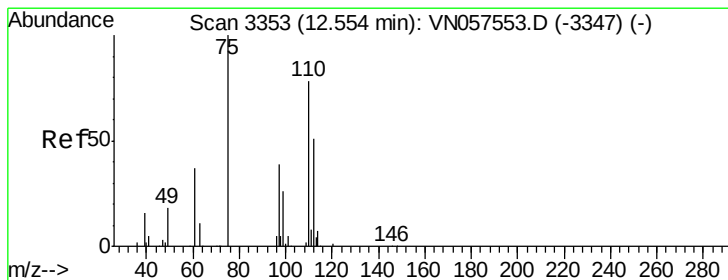
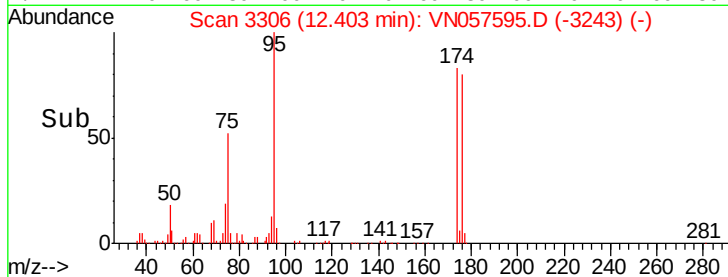
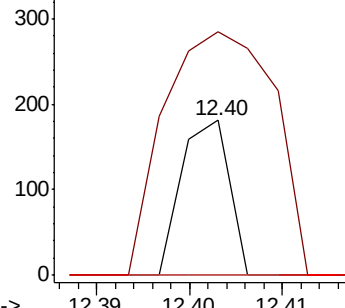
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 41.022 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057595.D

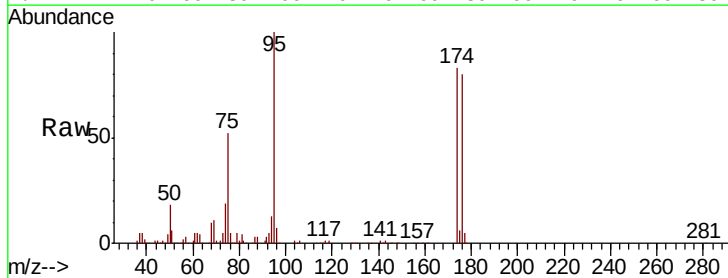
Acq: 30 Aug 2019 18:21

Tgt Ion: 75 Resp: 164016

Ion Ratio Lower Upper

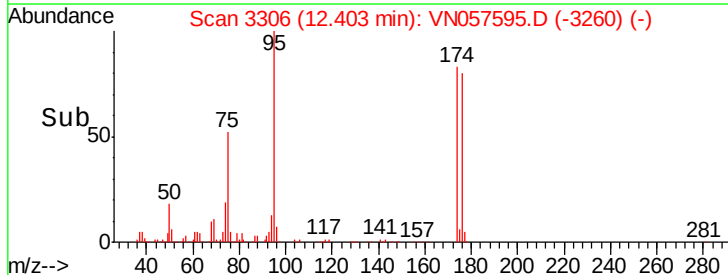
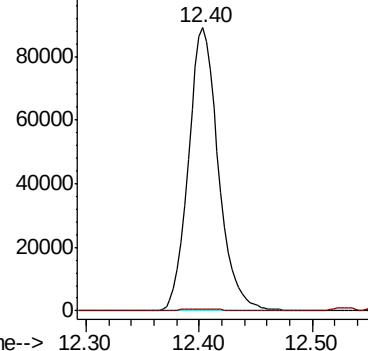
75 100

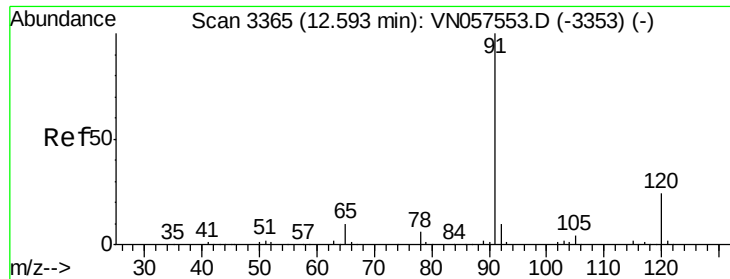
77 0.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

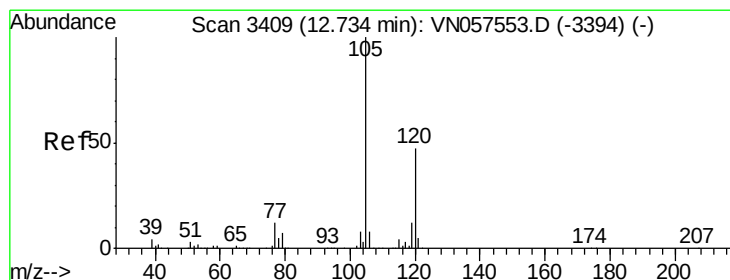
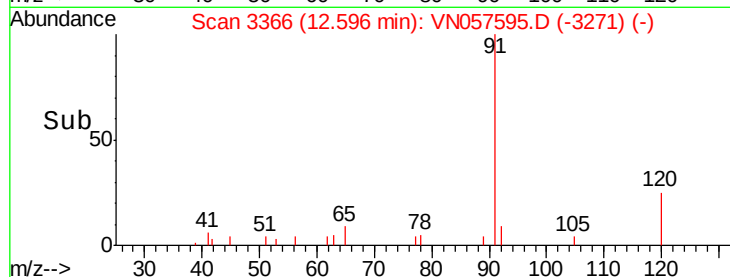
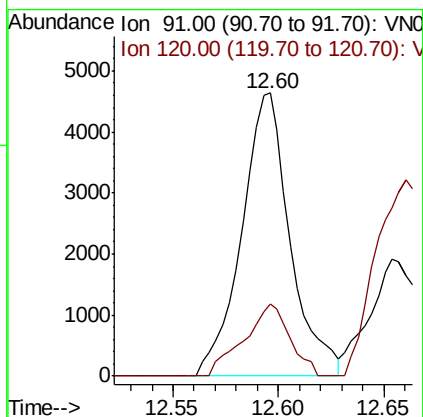
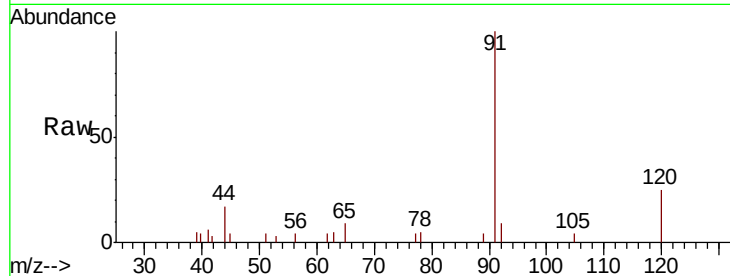




#78
n-propylbenzene
Concen: 0.327 ug/l
RT: 12.60 min Scan# 3366
Delta R.T. 0.00 min
Lab File: VN057595.D
Acq: 30 Aug 2019 18:21

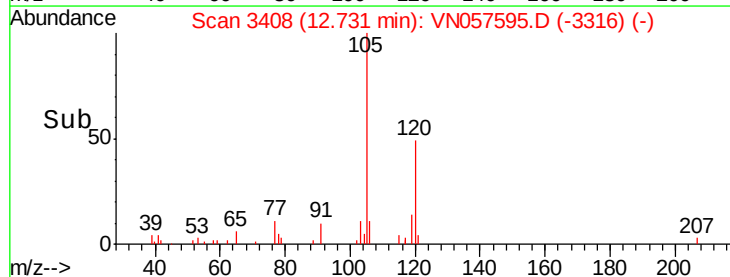
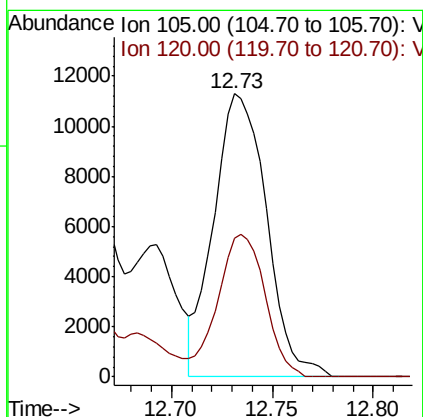
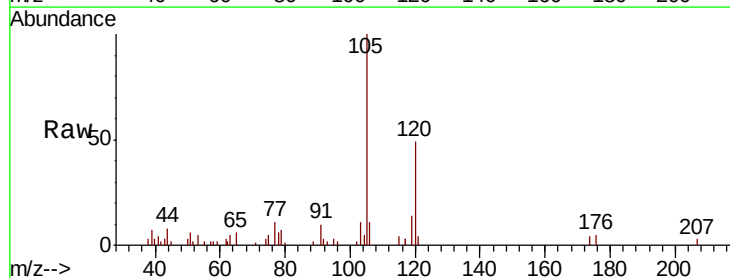
Instrument :
MSVOA_N
ClientSampleId :
GS-STOCKPILE

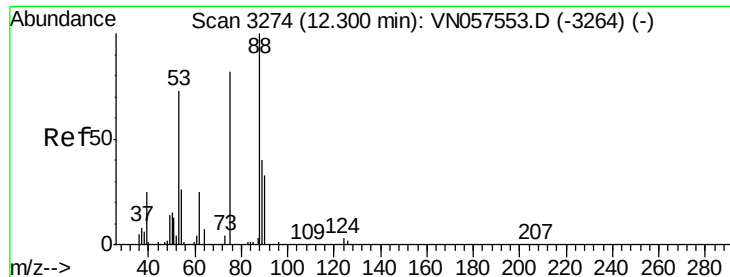
Tgt Ion: 91 Resp: 7401
Ion Ratio Lower Upper
91 100
120 24.1 10.7 32.1



#80
1,3,5-Trimethylbenzene
Concen: 1.152 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN057595.D
Acq: 30 Aug 2019 18:21

Tgt Ion: 105 Resp: 20667
Ion Ratio Lower Upper
105 100
120 45.0 23.3 69.8





#81

trans-1,4-Dichloro-2-butene

Concen: 115.096 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057595.D

Acq: 30 Aug 2019 18:21

Instrument :

MSVOA_N

ClientSampleId :

GS-STOCKPILE

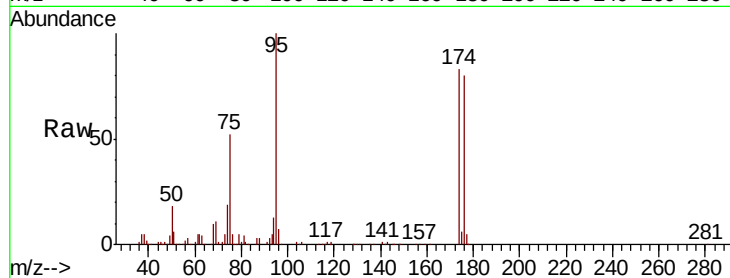
Tgt Ion: 75 Resp: 164016

Ion Ratio Lower Upper

75 100

53 0.0 82.7 124.1#

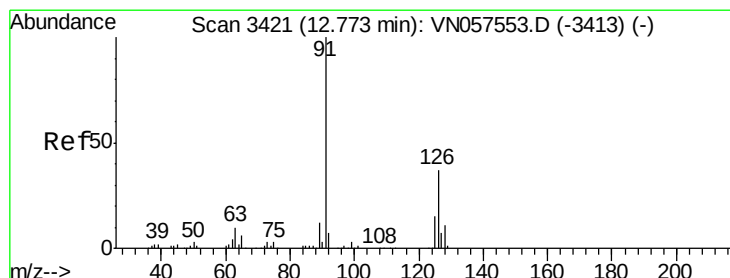
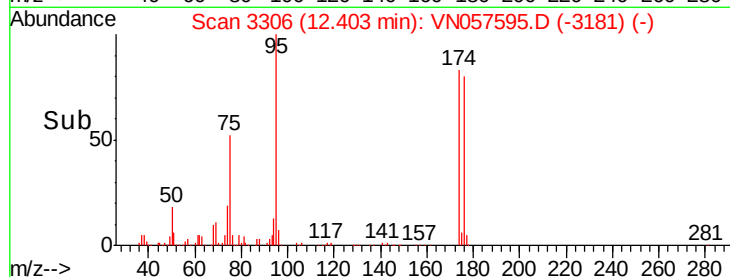
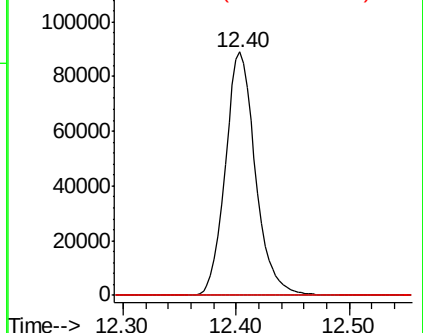
89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.210 ug/l

RT: 12.78 min Scan# 3423

Delta R.T. 0.01 min

Lab File: VN057595.D

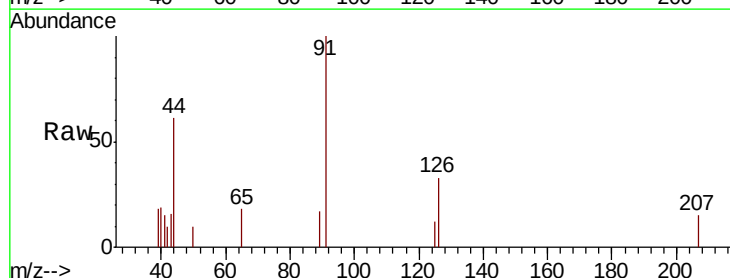
Acq: 30 Aug 2019 18:21

Tgt Ion: 91 Resp: 2750

Ion Ratio Lower Upper

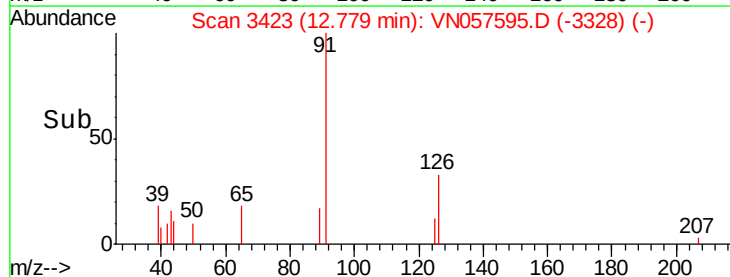
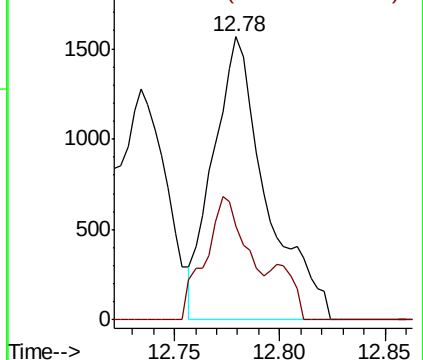
91 100

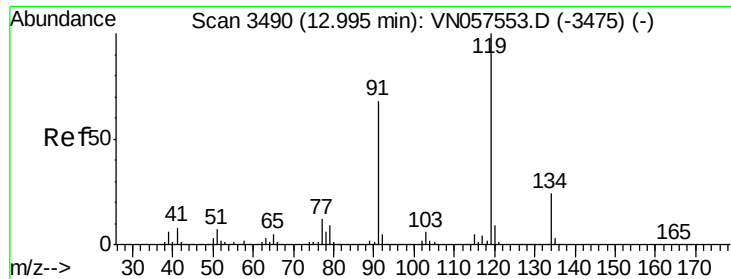
126 34.1 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

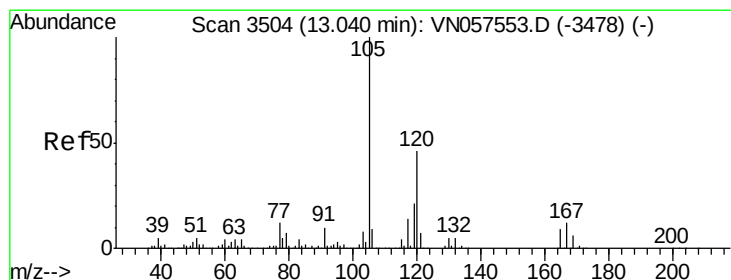
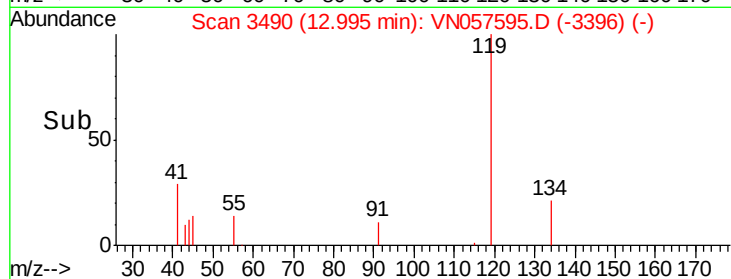
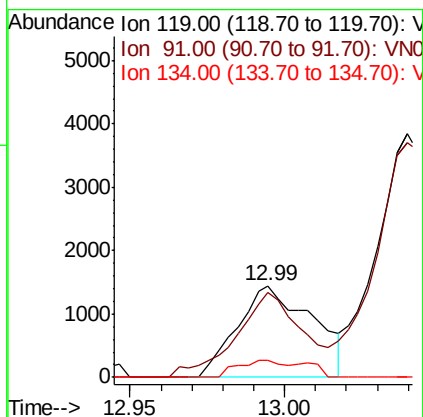
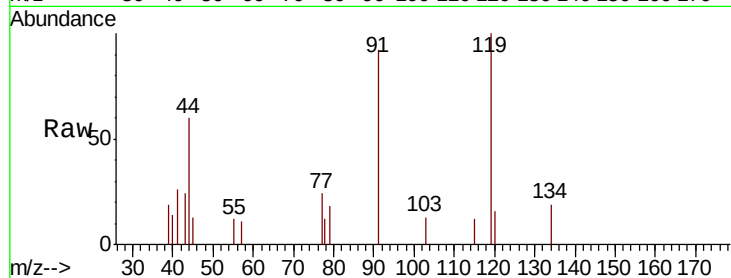




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057595.D
 Acq: 30 Aug 2019 18:21

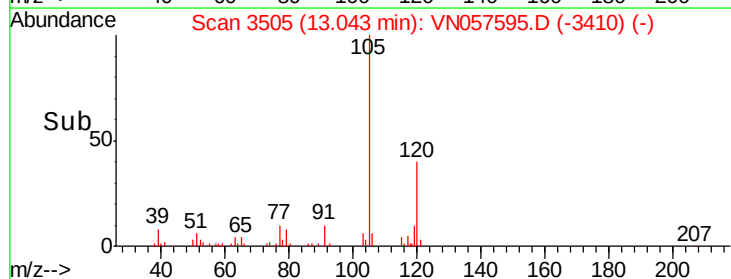
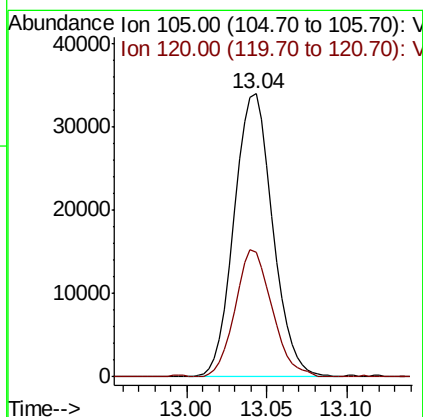
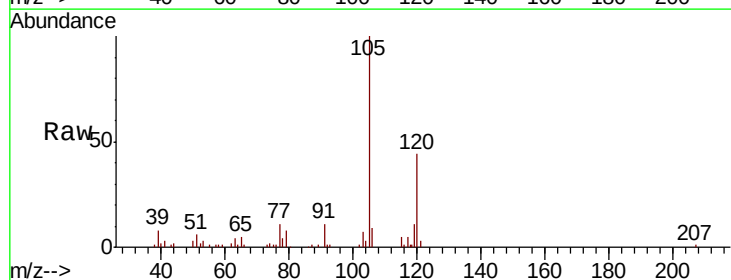
Instrument :
 MSVOA_N
 ClientSampleId :
 GS-STOCKPILE

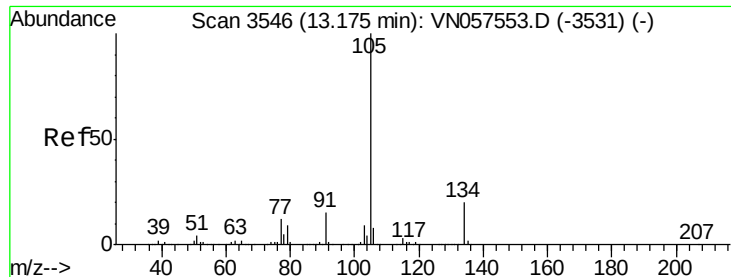
Tgt Ion:119 Resp: 2430
 Ion Ratio Lower Upper
 119 100
 91 82.0 37.0 111.0
 134 11.6 12.2 36.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 3.395 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057595.D
 Acq: 30 Aug 2019 18:21

Tgt Ion:105 Resp: 55710
 Ion Ratio Lower Upper
 105 100
 120 43.0 21.9 65.7





#85

sec-Butylbenzene

Concen: 0.220 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057595.D

Acq: 30 Aug 2019 18:21

Instrument :

MSVOA_N

ClientSampleId :

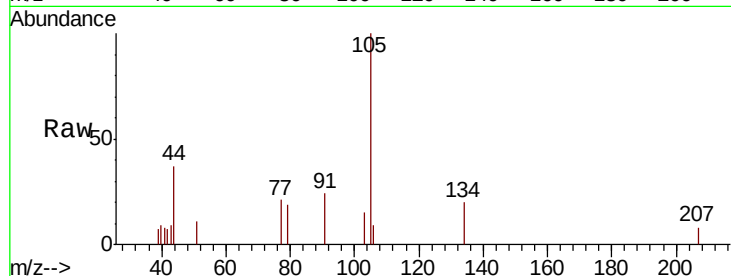
GS-STOCKPILE

Tgt Ion:105 Resp: 4347

Ion Ratio Lower Upper

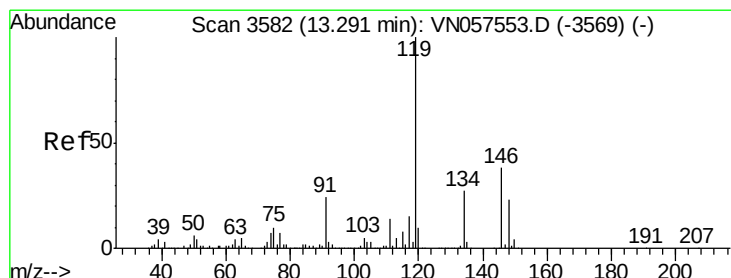
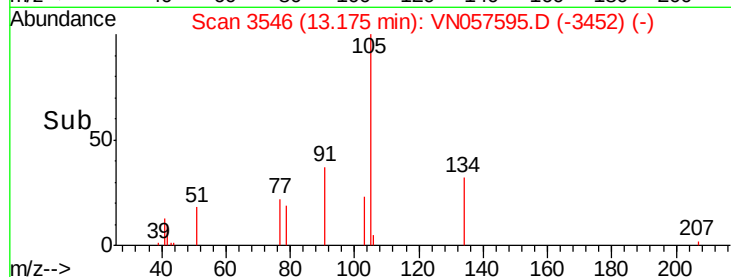
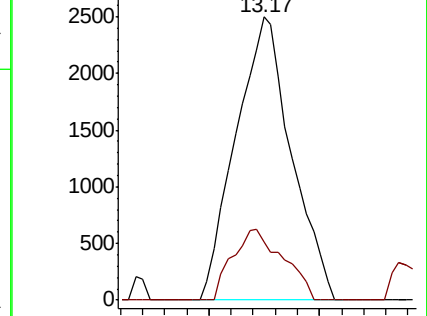
105 100

134 22.8 9.3 27.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.250 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN057595.D

Acq: 30 Aug 2019 18:21

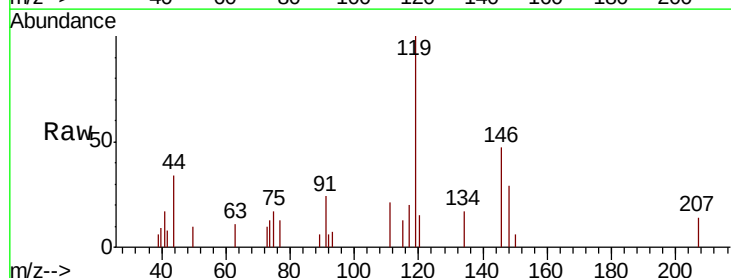
Tgt Ion:119 Resp: 4235

Ion Ratio Lower Upper

119 100

134 19.1 12.7 38.1

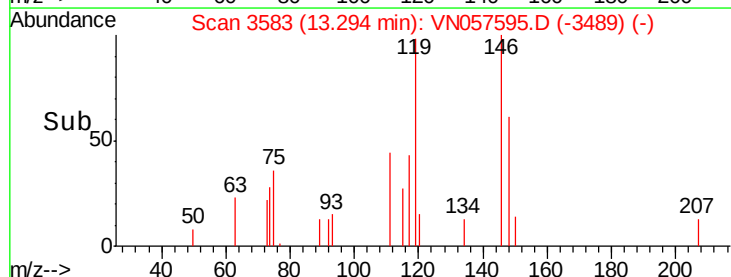
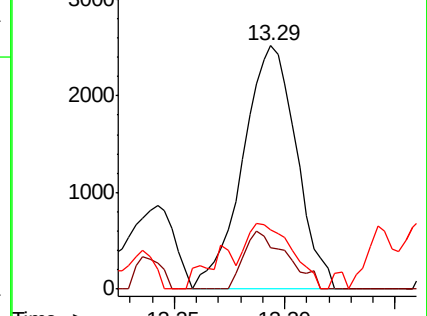
91 23.3 13.9 41.6

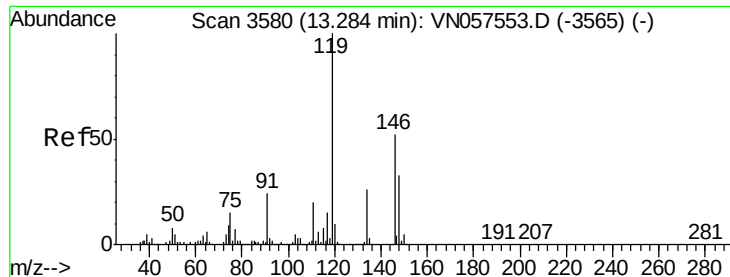


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

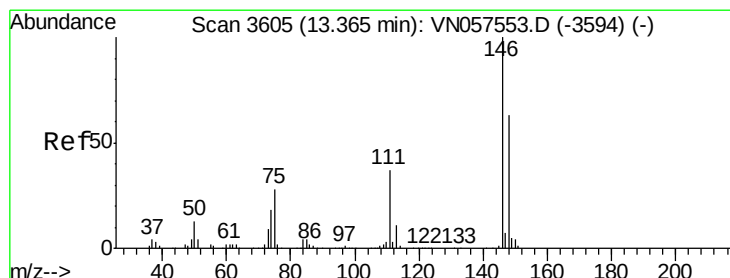
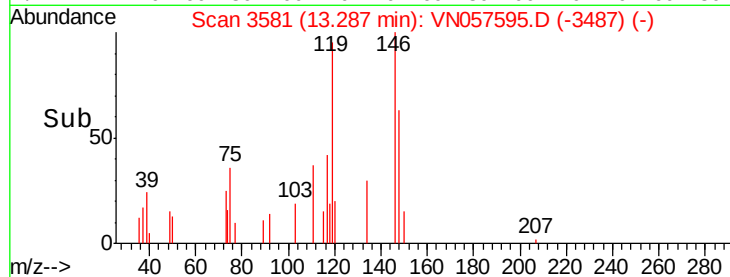
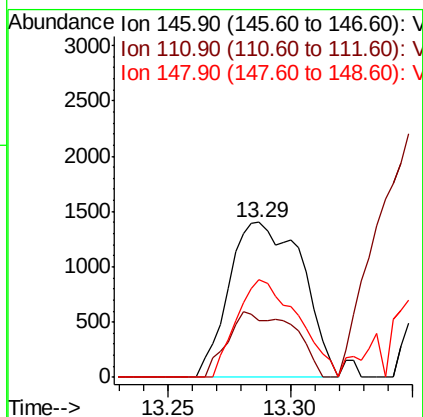
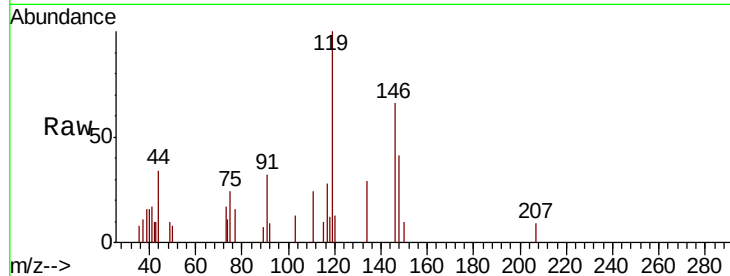




#87
 1,3-Dichlorobenzene
 Concen: 0.382 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN057595.D
 Acq: 30 Aug 2019 18:21

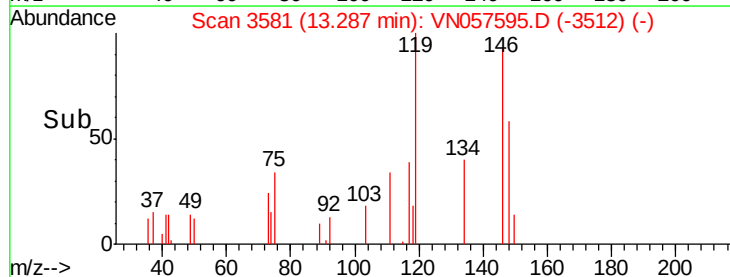
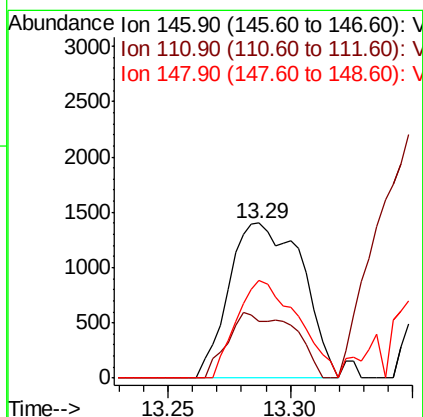
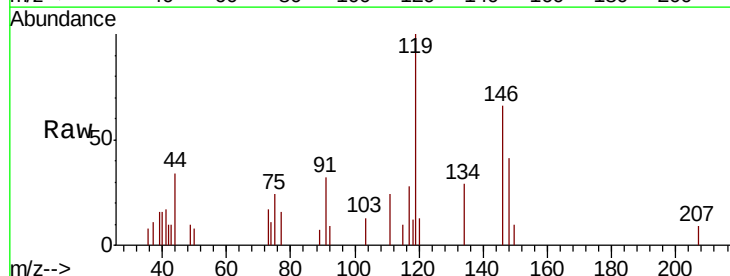
Instrument :
 MSVOA_N
 ClientSampleId :
 GS-STOCKPILE

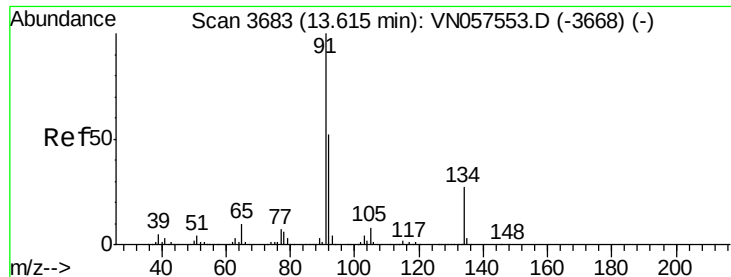
Tgt Ion:146 Resp: 2933
 Ion Ratio Lower Upper
 146 100
 111 38.2 22.1 66.1
 148 52.4 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 0.398 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.08 min
 Lab File: VN057595.D
 Acq: 30 Aug 2019 18:21

Tgt Ion:146 Resp: 2933
 Ion Ratio Lower Upper
 146 100
 111 38.2 21.9 65.5
 148 52.4 31.1 93.2





#89

n-Butylbenzene

Concen: 0.316 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.01 min

Lab File: VN057595.D

Acq: 30 Aug 2019 18:21

Instrument :

MSVOA_N

ClientSampleId :

GS-STOCKPILE

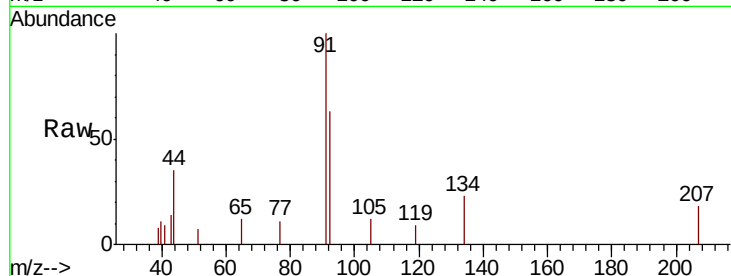
Tgt Ion: 91 Resp: 4056

Ion Ratio Lower Upper

91 100

92 48.3 25.7 77.0

134 23.9 11.4 34.1

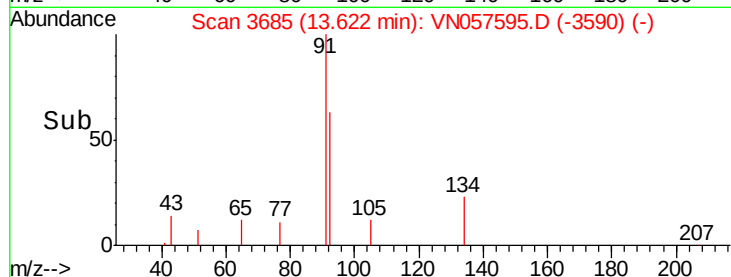


Abundance Ion 91.00 (90.70 to 91.70): VN057553.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN057553.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN057553.D (-3668) (-)

Time-->

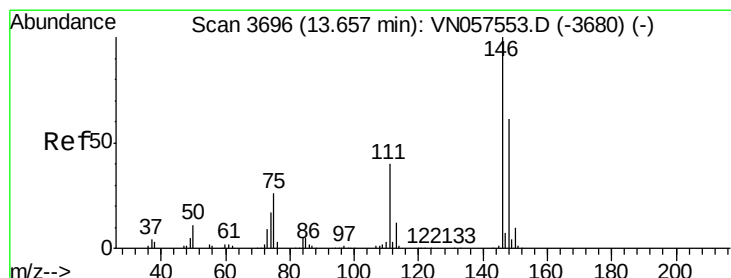


Abundance Ion 91.00 (90.70 to 91.70): VN057595.D (-3590) (-)

Ion 92.00 (91.70 to 92.70): VN057595.D (-3590) (-)

Ion 134.00 (133.70 to 134.70): VN057595.D (-3590) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.365 ug/l

RT: 13.66 min Scan# 3698

Delta R.T. 0.01 min

Lab File: VN057595.D

Acq: 30 Aug 2019 18:21

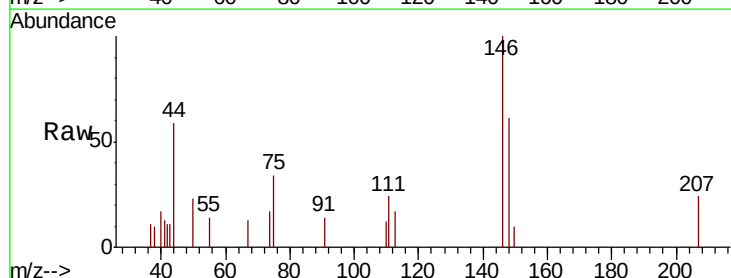
Tgt Ion: 146 Resp: 2612

Ion Ratio Lower Upper

146 100

111 18.8 23.1 69.2#

148 52.3 31.8 95.4

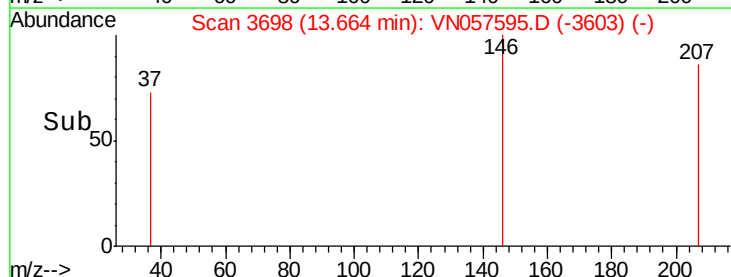


Abundance Ion 145.90 (145.60 to 146.60): VN057553.D (-3680) (-)

Ion 110.90 (110.60 to 111.60): VN057553.D (-3680) (-)

Ion 147.90 (147.60 to 148.60): VN057553.D (-3680) (-)

Time-->

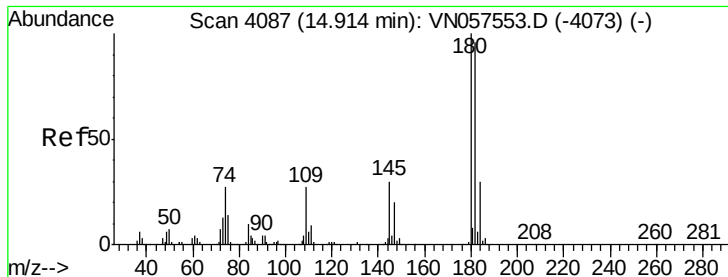


Abundance Ion 145.90 (145.60 to 146.60): VN057595.D (-3603) (-)

Ion 110.90 (110.60 to 111.60): VN057595.D (-3603) (-)

Ion 147.90 (147.60 to 148.60): VN057595.D (-3603) (-)

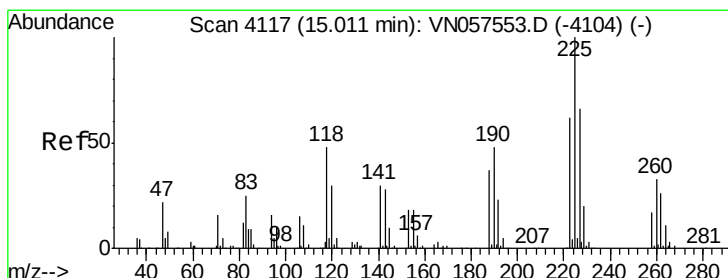
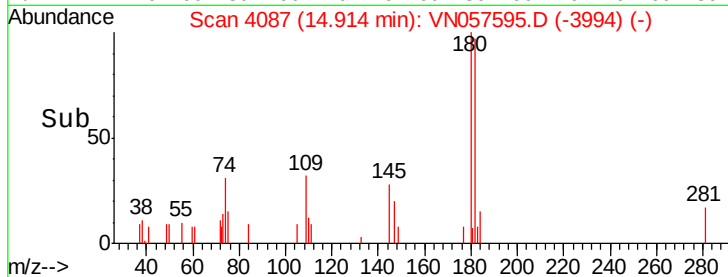
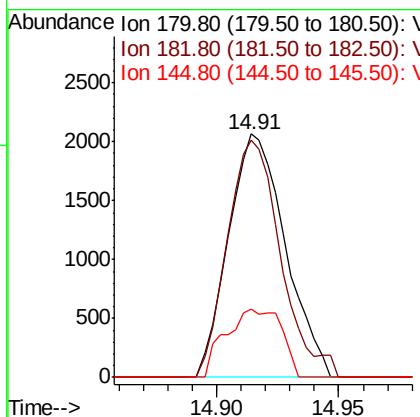
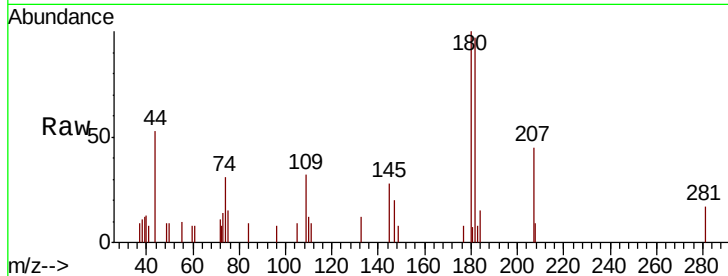
Time-->



#93
 1,2,4-Trichlorobenzene
 Concen: 4.821 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057595.D
 Acq: 30 Aug 2019 18:21

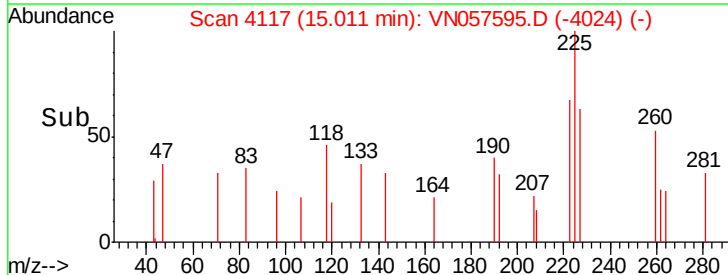
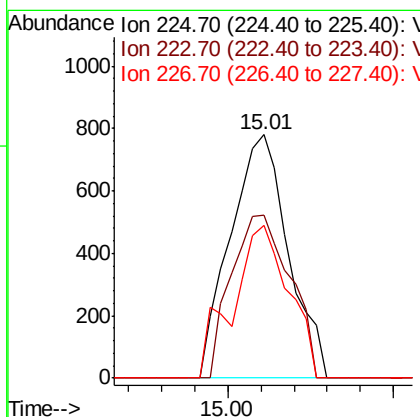
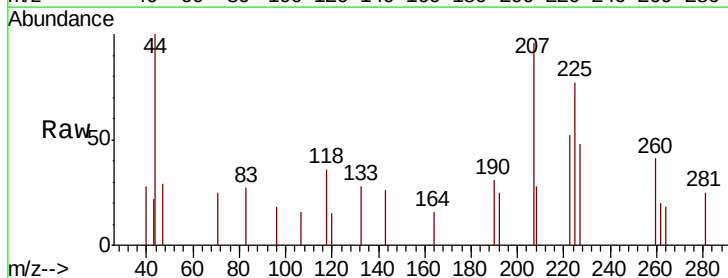
Instrument :
 MSVOA_N
 ClientSampleId :
 GS-STOCKPILE

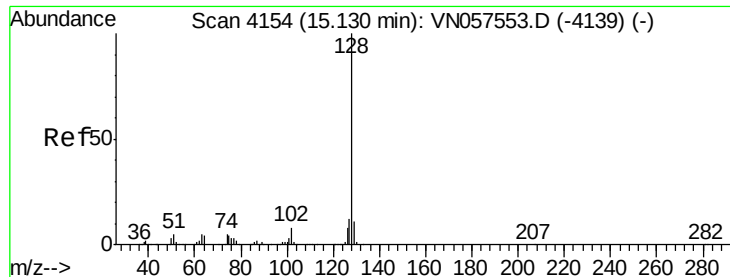
Tgt Ion:180 Resp: 3336
 Ion Ratio Lower Upper
 180 100
 182 91.4 46.7 140.1
 145 27.5 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 0.402 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN057595.D
 Acq: 30 Aug 2019 18:21

Tgt Ion:225 Resp: 950
 Ion Ratio Lower Upper
 225 100
 223 67.9 32.0 96.2
 227 60.7 31.5 94.5

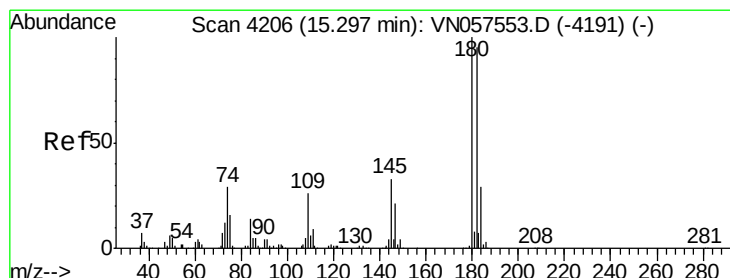
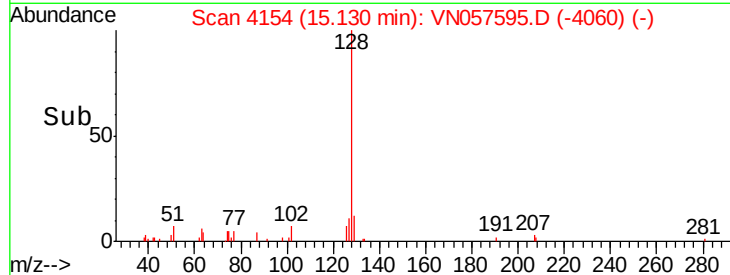
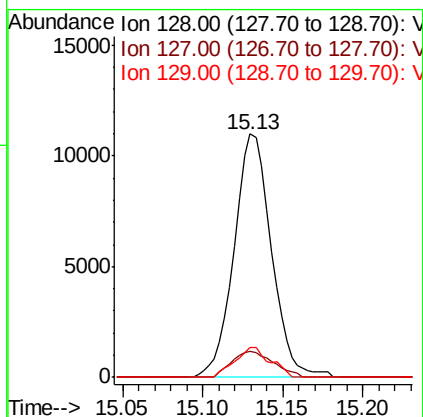
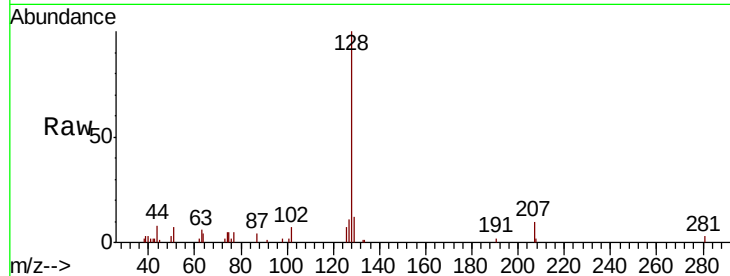




#95
Naphthalene
Concen: 2.462 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057595.D
Acq: 30 Aug 2019 18:21

Instrument :
MSVOA_N
ClientSampleId :
GS-STOCKPILE

Tgt Ion:128 Resp: 17453
Ion Ratio Lower Upper
128 100
127 12.0 10.5 15.7
129 11.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.494 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN057595.D
Acq: 30 Aug 2019 18:21

Tgt Ion:180 Resp: 3617
Ion Ratio Lower Upper
180 100
182 77.2 46.7 140.1
145 25.7 16.8 50.3

