

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063249.D
 Acq On : 4 Sep 2020 15:49
 Operator : JC/MD
 Sample : L3887-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CONCRETE-PILE

Quant Time: Sep 05 07:30:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	268604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	518101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	524552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	209138	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	214426	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
35) Dibromofluoromethane	7.55	113	166579	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
50) Toluene-d8	10.06	98	661144	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.38	95	220591	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	

Target Compounds

						Qvalue
3) Chloromethane	2.04	50	1191	0.309	ug/l #	68
7) Trichlorofluoromethane	2.96	101	128	Below Cal	#	19
8) Diethyl Ether	3.38	74	2400	1.179	ug/l #	44
11) Tert butyl alcohol	4.73	59	212	0.393	ug/l #	72
13) Acrolein	3.59	56	66	16.071	ug/l #	14
15) Acrylonitrile	4.93	53	107	2.474	ug/l #	47
16) Acetone	3.78	43	135192	108.309	ug/l	98
20) Methylene Chloride	4.51	84	372063	106.564	ug/l	94
25) 2-Butanone	6.79	43	3704	1.916	ug/l	91
29) Tetrahydrofuran	7.17	42	1656	1.239	ug/l #	63
30) Chloroform	7.34	83	6291	0.930	ug/l	95
31) Cyclohexane	7.63	56	8008	Below Cal	#	58
36) 1,1-Dichloropropene	7.63	75	25722	5.164	ug/l #	50
37) Ethyl Acetate	6.87	43	540	0.494	ug/l #	72
38) Carbon Tetrachloride	7.63	117	29625	5.865	ug/l #	16
43) Isopropyl Acetate	8.13	43	18112	2.230	ug/l #	92
47) Bromodichloromethane	9.37	83	1821	0.331	ug/l #	83
48) Methyl methacrylate	9.15	41	4295	1.173	ug/l #	18
49) 1,4-Dioxane	9.17	88	138	2.437	ug/l #	41
51) 4-Methyl-2-Pentanone	9.96	43	10187	2.308	ug/l	98
52) Toluene	10.13	92	29180	3.200	ug/l	95
54) cis-1,3-Dichloropropene	9.87	75	10726	1.697	ug/l #	74
59) 2-Hexanone	10.69	43	89467	28.841	ug/l #	26
65) Chlorobenzene	11.41	112	2352	0.223	ug/l #	82
68) m/p-Xylenes	11.59	106	6189	0.867	ug/l	85
69) o-Xylene	11.92	106	10484	1.520	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	32598	7.933	ug/l #	100
78) n-propylbenzene	12.65	91	1101865	59.363	ug/l #	54
79) 2-Chlorotoluene	12.65	91	1101865	99.112	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	4990	0.374	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	131778	77.512	ug/l #	10
82) 4-Chlorotoluene	12.75	91	869949	75.450	ug/l	100
86) p-Isopropyltoluene	13.26	119	4129	0.312	ug/l	86
88) 1,4-Dichlorobenzene	13.34	146	4971	0.720	ug/l #	56

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Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

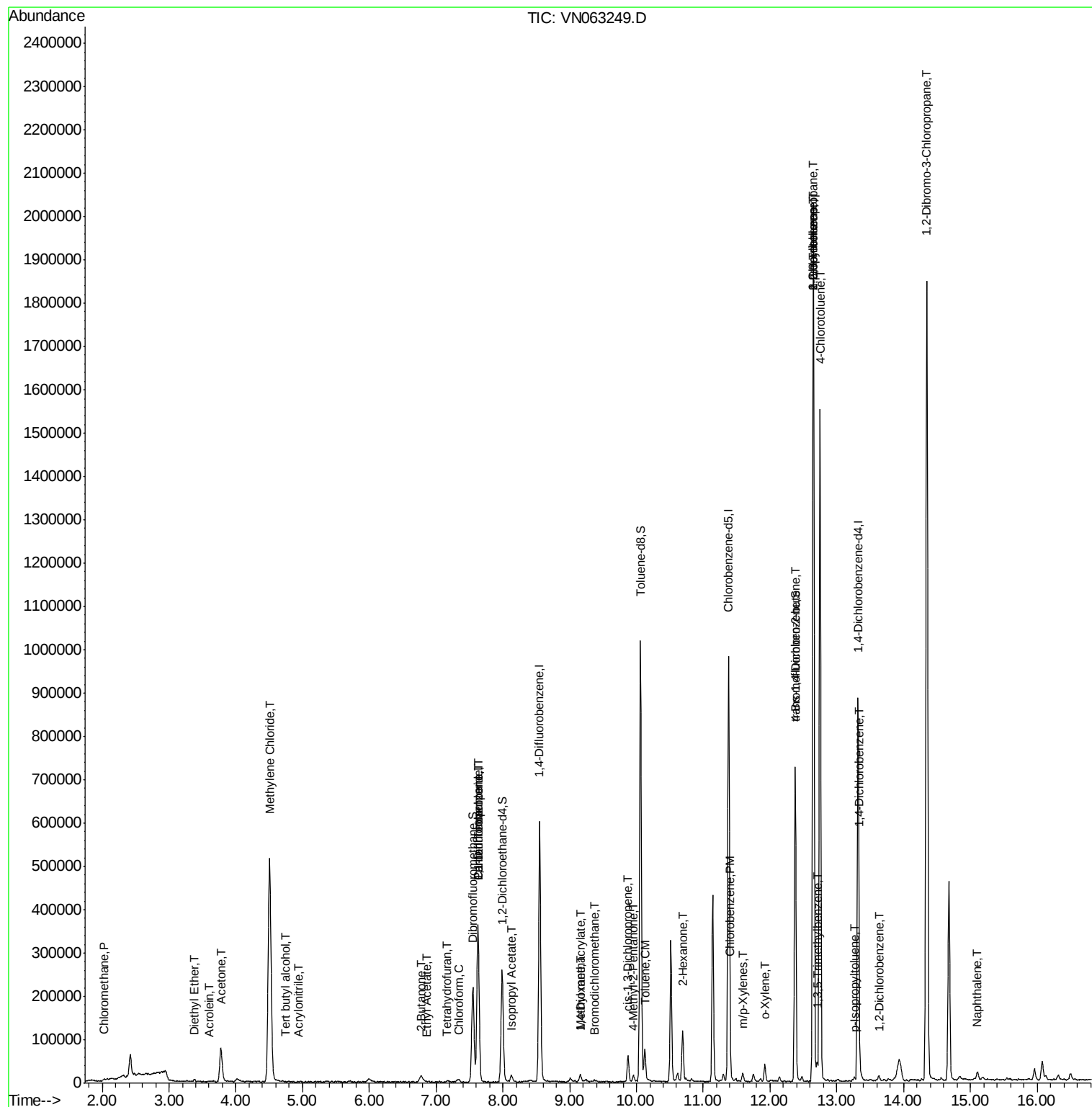
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.63	146	3738	0.578	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.35	75	48068	47.278	ug/l #	8
95) Naphthalene	15.11	128	15651	1.298	ug/l #	93

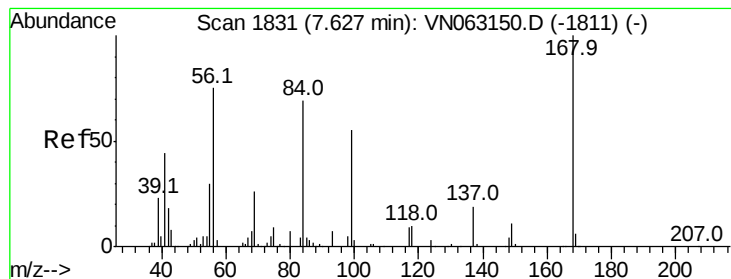
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063249.D

Acq: 4 Sep 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

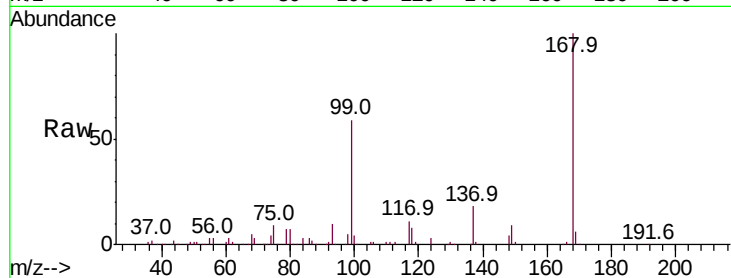
CONCRETE-PILE

Tot Ion:168 Resp: 268604

Ion Ratio Lower Upper

168 100

99 59.2 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

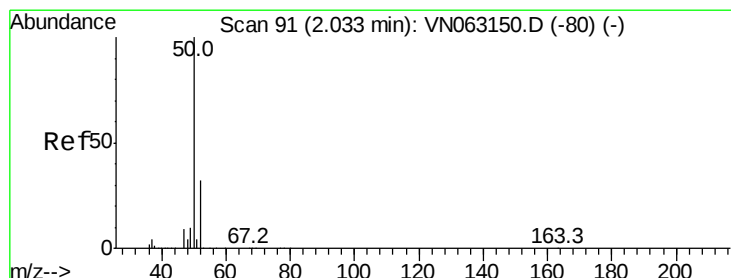
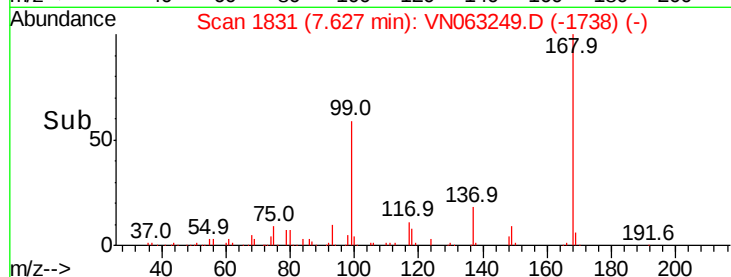
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.309 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063249.D

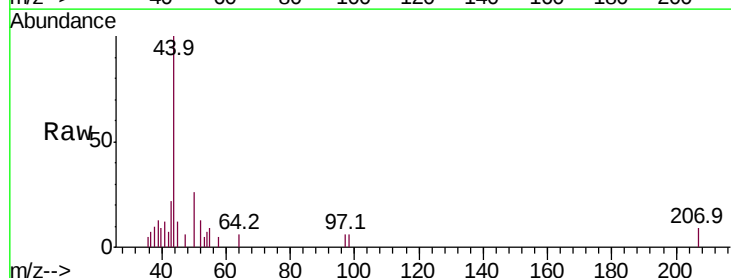
Acq: 4 Sep 2020 15:49

Tgt Ion: 50 Resp: 1191

Ion Ratio Lower Upper

50 100

52 50.4 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

1000

800

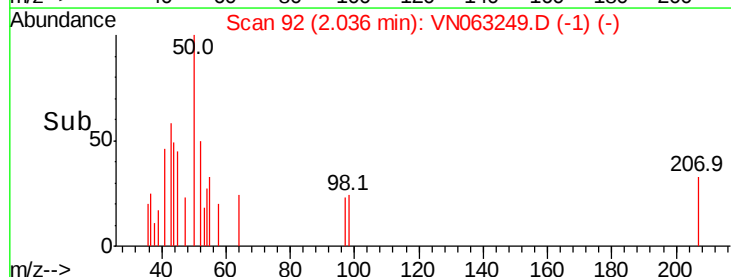
600

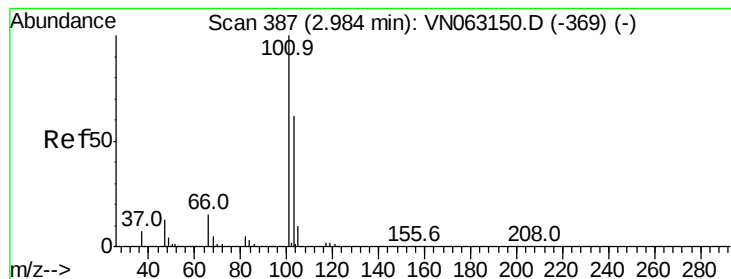
400

200

0

Time--> 2.00 2.05





#7

Trichlorofluoromethane

Concen: Below Cal

RT: 2.96 min Scan# 379

Delta R.T. -0.03 min

Lab File: VN063249.D

Acq: 4 Sep 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

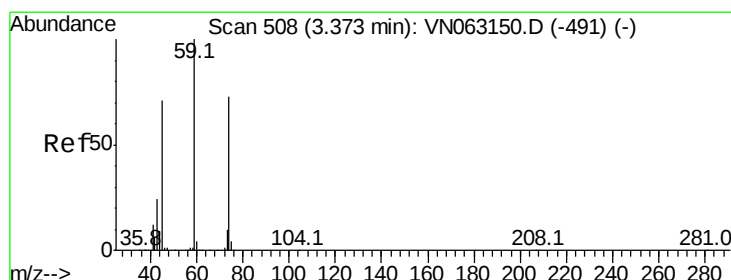
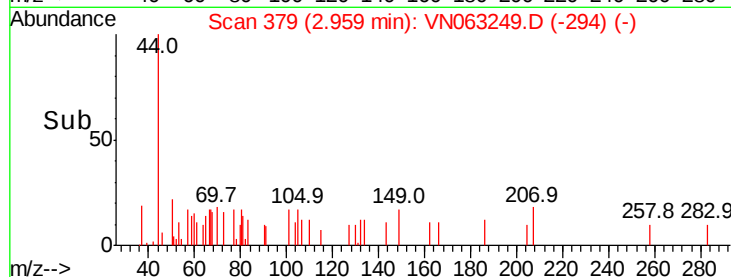
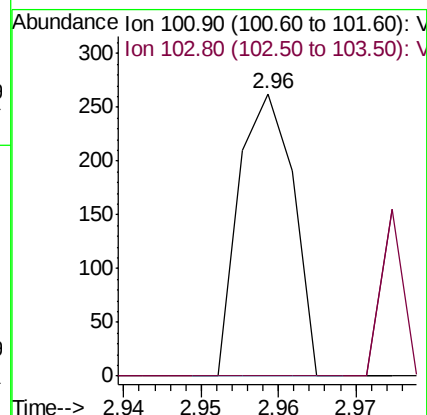
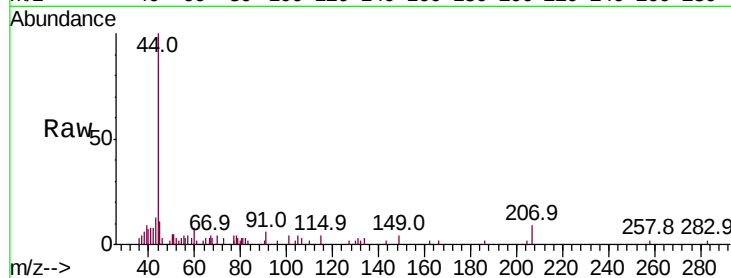
CONCRETE-PILE

Tot Ion:101 Resp: 128

Ion Ratio Lower Upper

101 100

103 0.0 49.7 74.5#



#8

Diethyl Ether

Concen: 1.179 ug/l

RT: 3.38 min Scan# 509

Delta R.T. 0.00 min

Lab File: VN063249.D

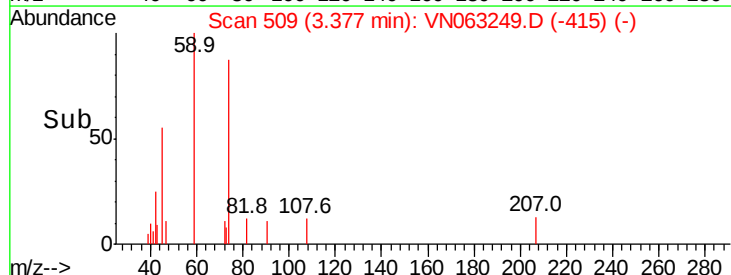
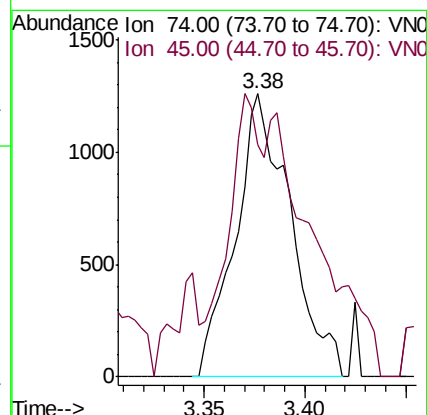
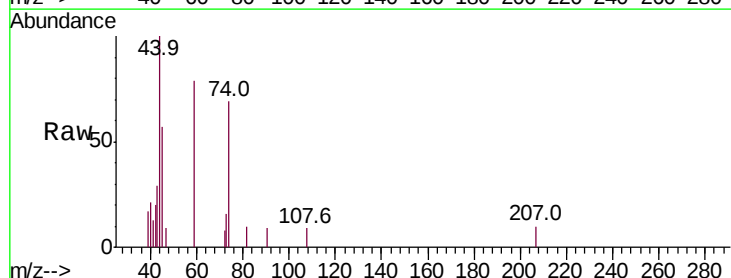
Acq: 4 Sep 2020 15:49

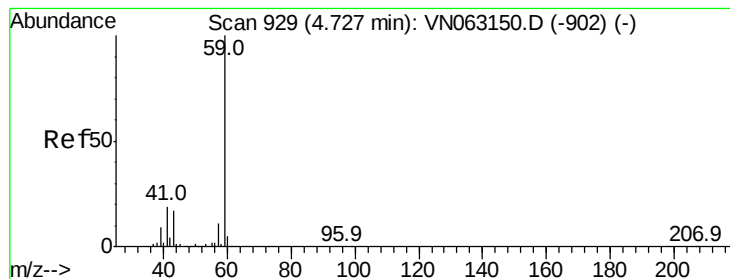
Tgt Ion: 74 Resp: 2400

Ion Ratio Lower Upper

74 100

45 42.8 49.5 148.5#



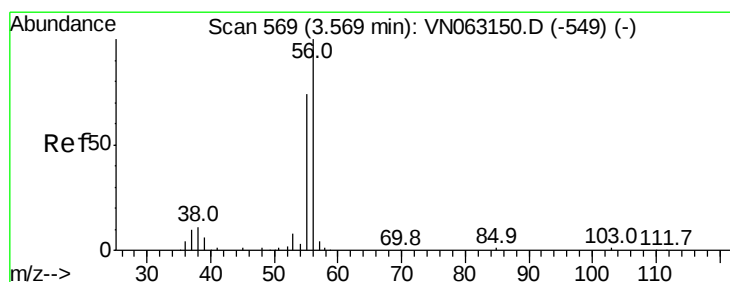
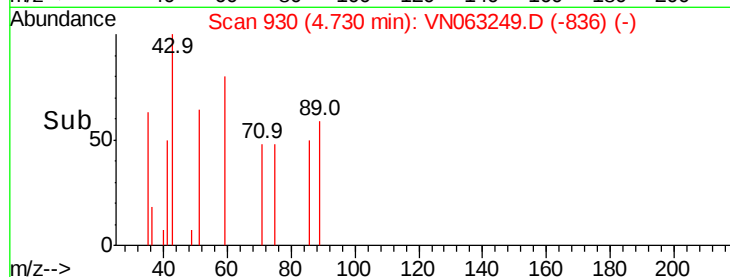
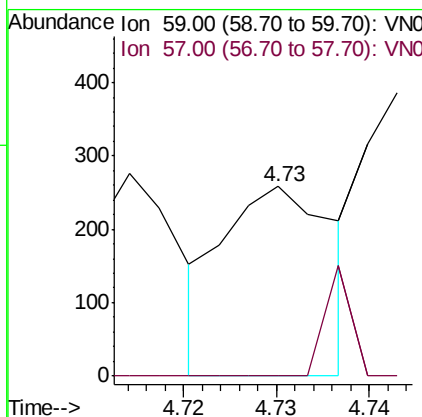
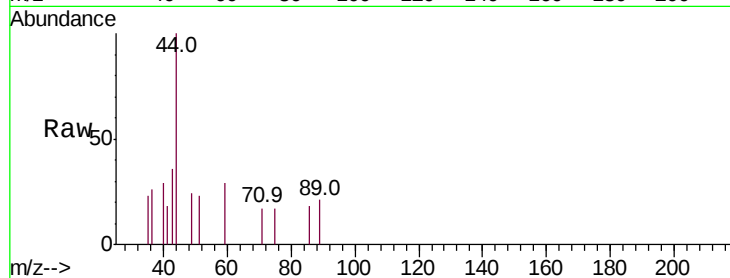


#11

Tert butyl alcohol
Concen: 0.393 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN063249.D
Acq: 4 Sep 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
CONCRETE-PILE

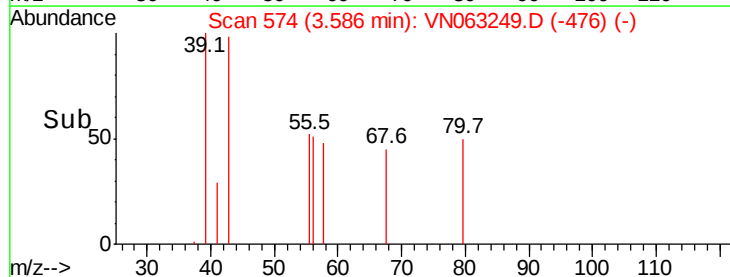
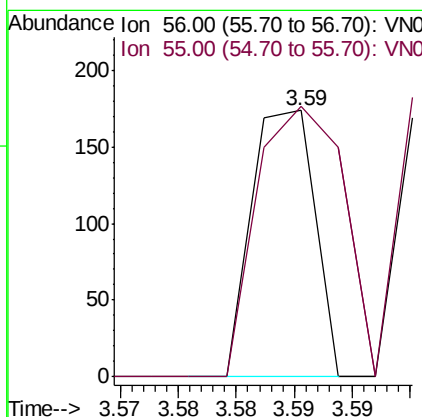
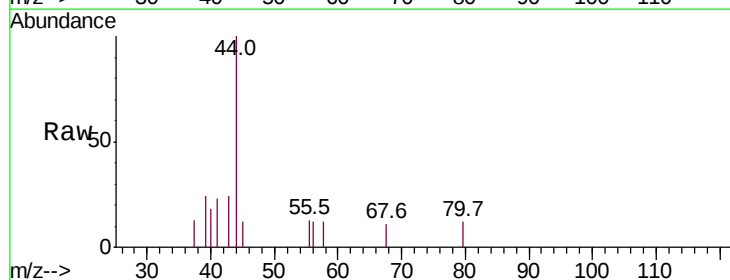
Tot Ion: 59 Resp: 212
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

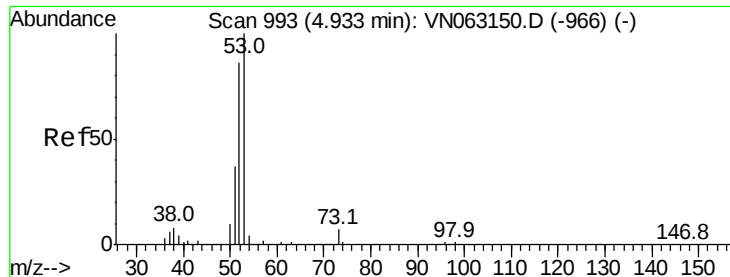


#13

Acrolein
Concen: 16.071 ug/l
RT: 3.59 min Scan# 574
Delta R.T. 0.02 min
Lab File: VN063249.D
Acq: 4 Sep 2020 15:49

Tgt Ion: 56 Resp: 66
Ion Ratio Lower Upper
56 100
55 139.4 55.4 83.0#





#15

Acrylonitrile

Concen: 2.474 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.01 min

Lab File: VN063249.D

Acq: 4 Sep 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

CONCRETE-PILE

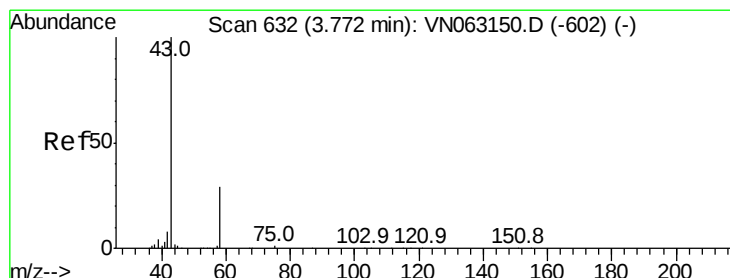
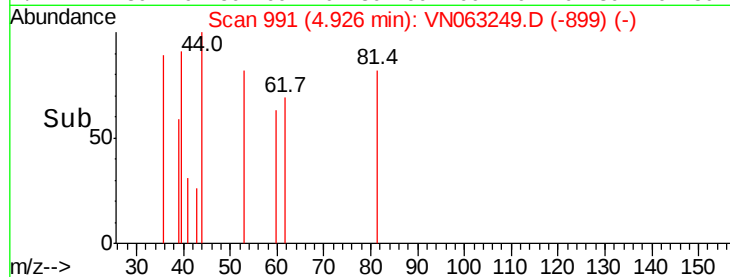
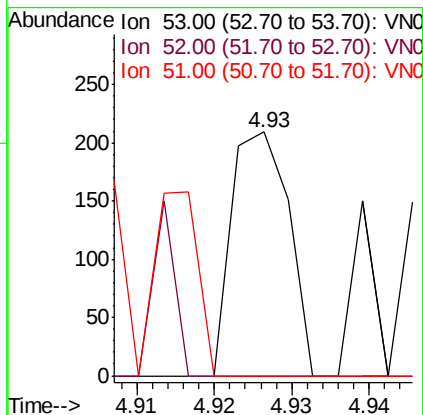
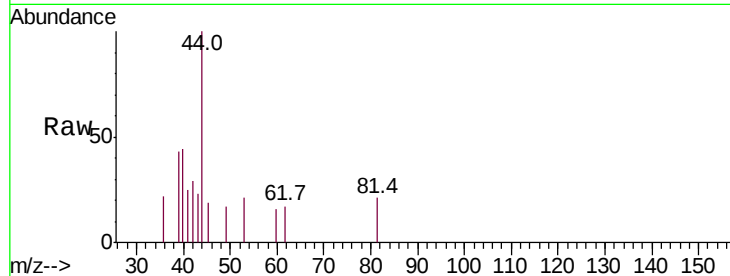
Tot Ion: 53 Resp: 107

Ion Ratio Lower Upper

53 100

52 27.1 67.2 100.8#

51 57.0 30.2 45.4#



#16

Acetone

Concen: 108.309 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063249.D

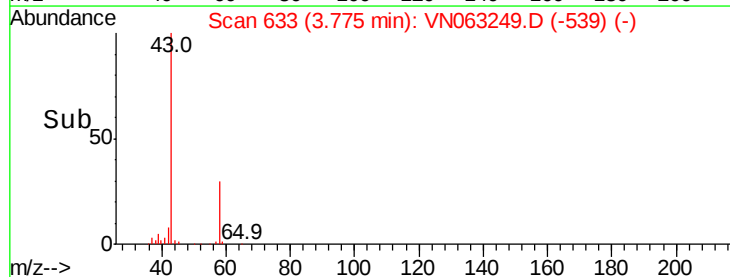
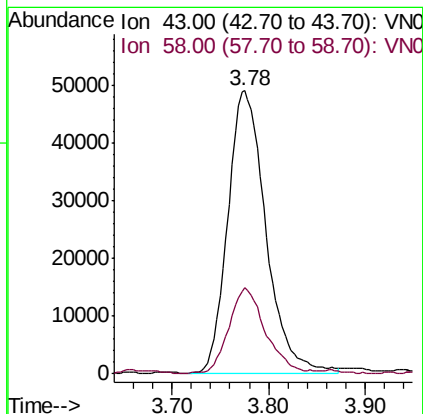
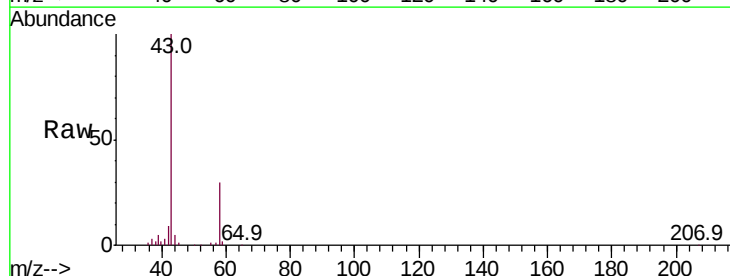
Acq: 4 Sep 2020 15:49

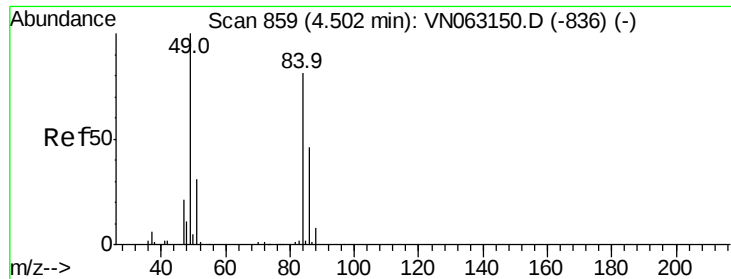
Tgt Ion: 43 Resp: 135192

Ion Ratio Lower Upper

43 100

58 29.9 23.1 34.7

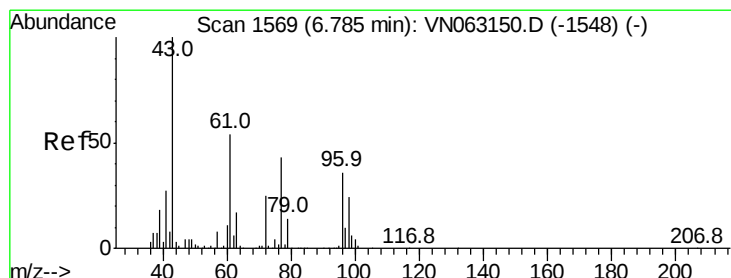
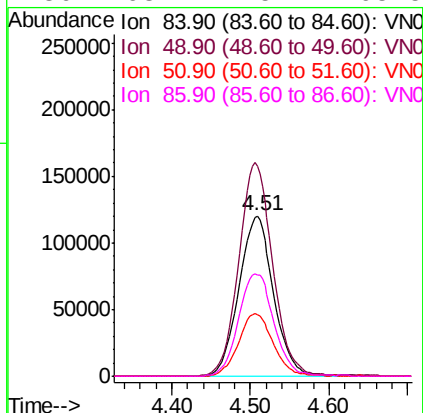
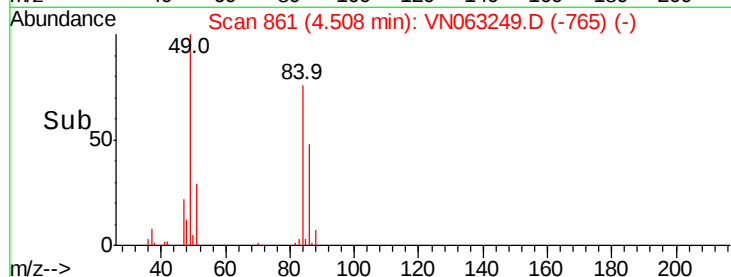
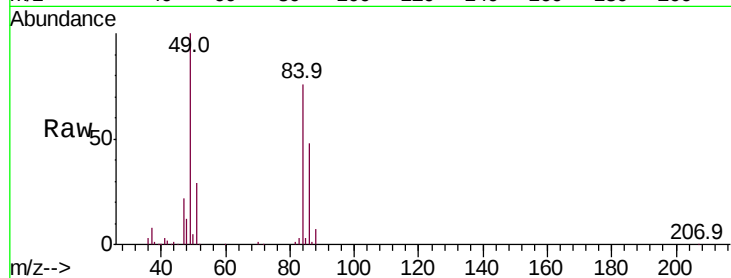




#20
Methylene Chloride
Concen: 106.564 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063249.D
Acq: 4 Sep 2020 15:49

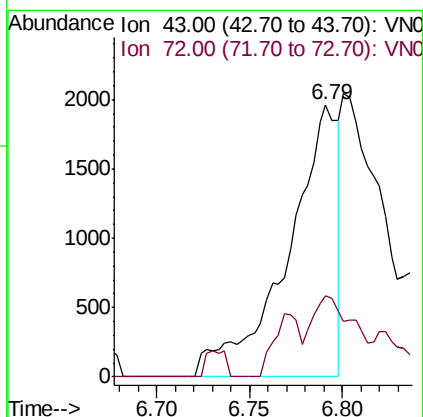
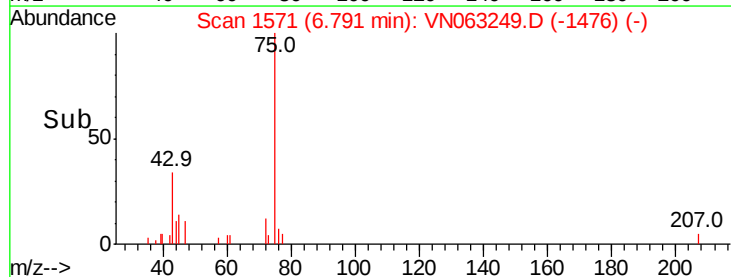
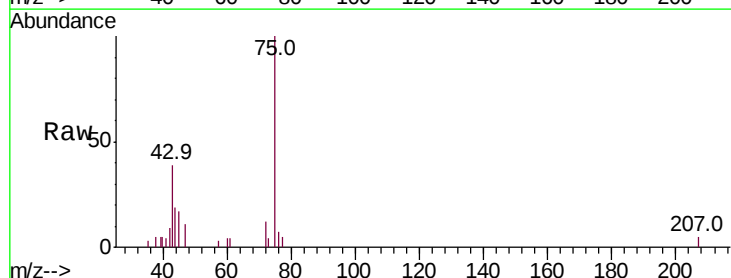
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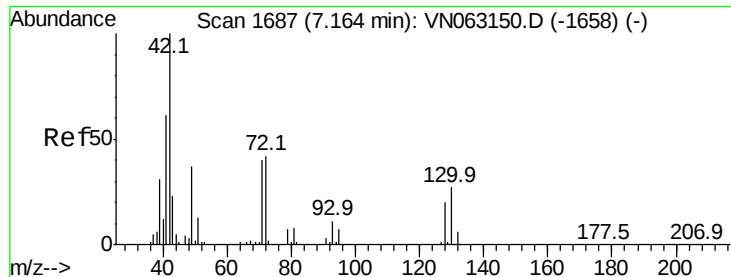
Tot Ion:	84	Resp:	372063
Ion	Ratio	Lower	Upper
84	100		
49	131.0	98.4	147.6
51	38.2	30.4	45.6
86	63.4	45.7	68.5



#25
2-Butanone
Concen: 1.916 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN063249.D
Acq: 4 Sep 2020 15:49

Tgt Ion:	43	Resp:	3704
Ion	Ratio	Lower	Upper
43	100		
72	30.1	20.2	30.4





#29

Tetrahydrofuran

Concen: 1.239 ug/l

RT: 7.17 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VN063249.D

Acq: 4 Sep 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

CONCRETE-PILE

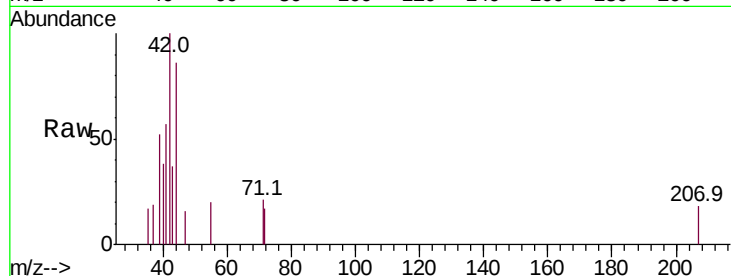
Tot Ion: 42 Resp: 1656

Ion Ratio Lower Upper

42 100

72 22.0 33.9 50.9#

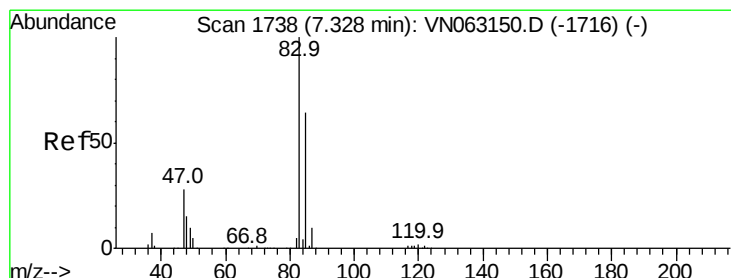
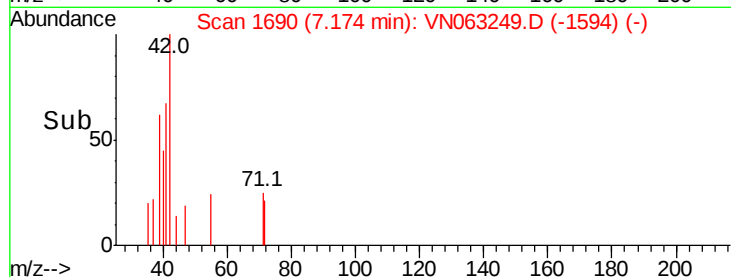
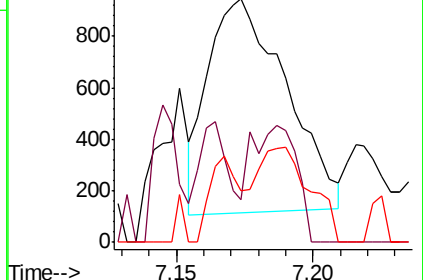
71 14.4 31.9 47.9#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 0.930 ug/l

RT: 7.34 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VN063249.D

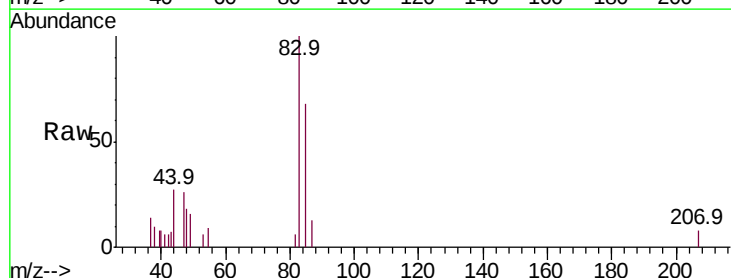
Acq: 4 Sep 2020 15:49

Tgt Ion: 83 Resp: 6291

Ion Ratio Lower Upper

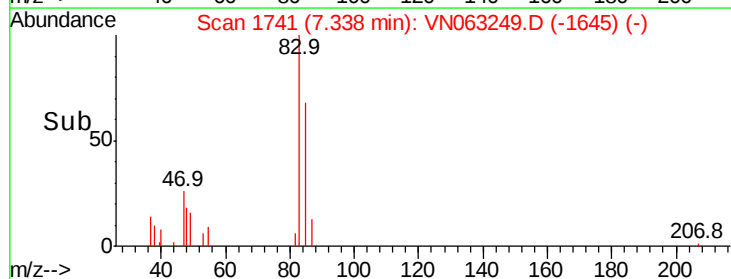
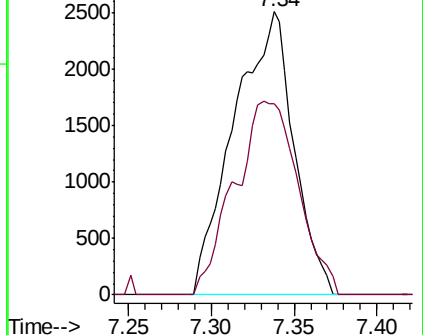
83 100

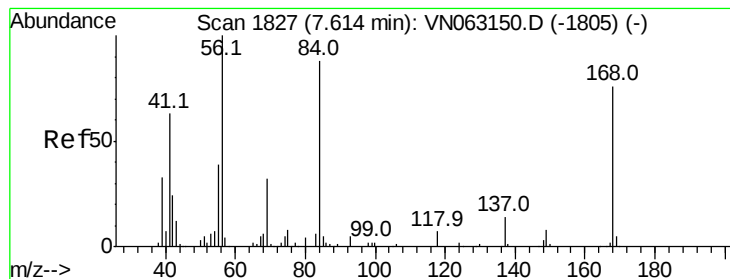
85 67.7 51.0 76.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: Below Cal

RT: 7.63 min Scan# 1832

Delta R.T. 0.02 min

Lab File: VN063249.D

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CONCRETE-PILE

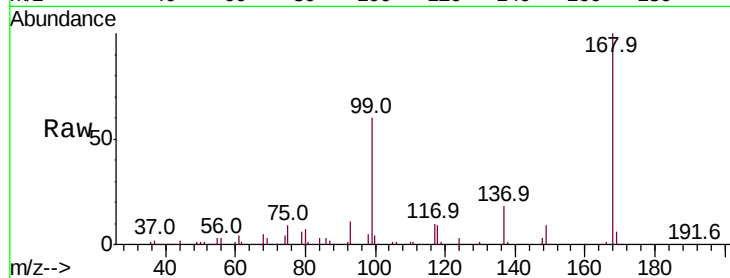
Tot Ion: 56 Resp: 8008

Ion Ratio Lower Upper

56 100

69 95.7 25.4 38.0#

84 102.2 70.2 105.4

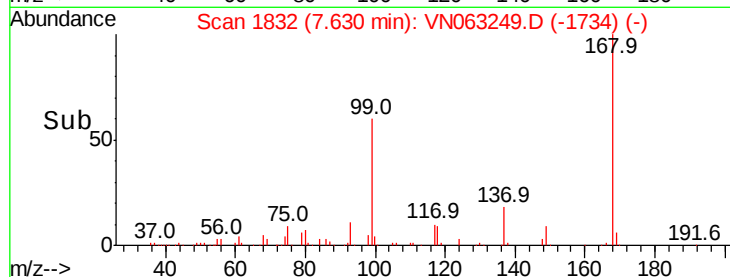


Abundance Ion 56.00 (55.70 to 56.70): VN063249.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN063249.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN063249.D (-1805) (-)

Time-->

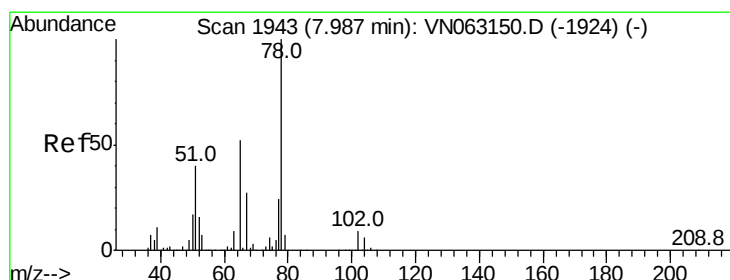


Abundance Ion 56.00 (55.70 to 56.70): VN063249.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063249.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063249.D (-1734) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.834 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063249.D

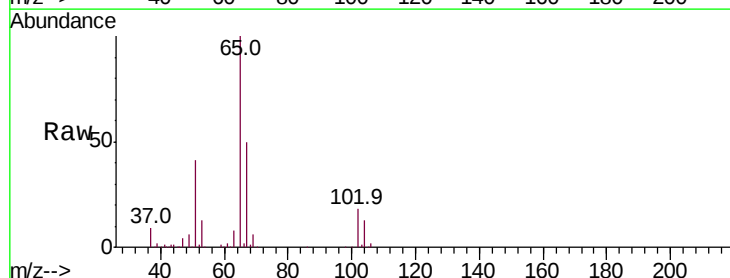
Acq: 4 Sep 2020 15:49

Tgt Ion: 65 Resp: 214426

Ion Ratio Lower Upper

65 100

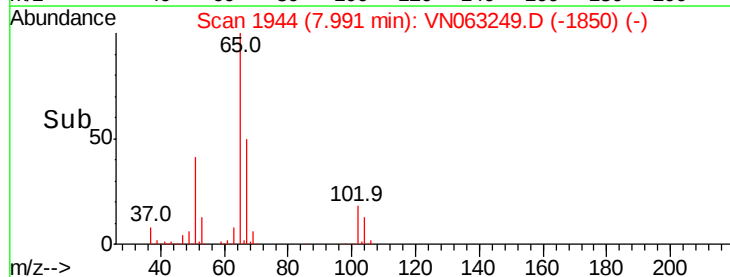
67 51.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063249.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063249.D (-1850) (-)

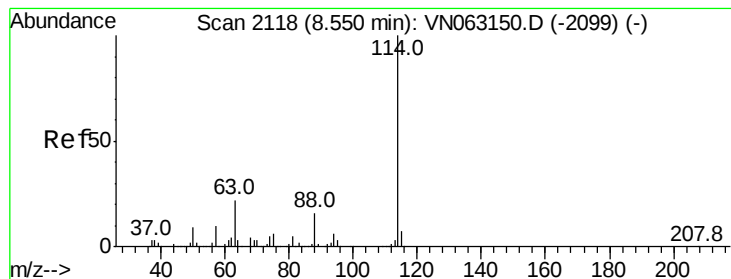
Time-->



Abundance Ion 64.90 (64.60 to 65.60): VN063249.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063249.D (-1850) (-)

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063249.D

Acq: 4 Sep 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

CONCRETE-PILE

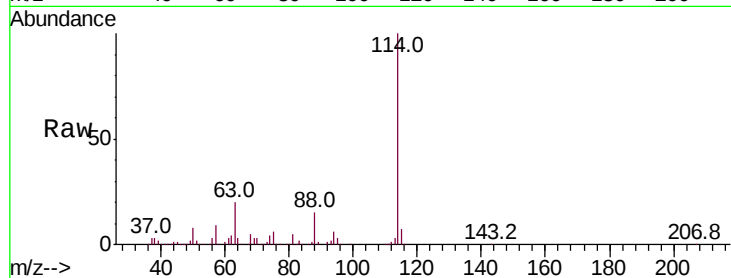
Tot Ion:114 Resp: 518101

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.0

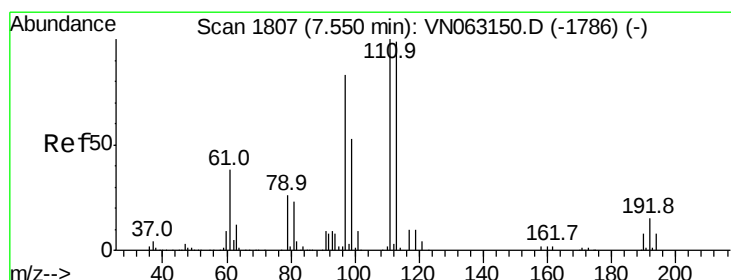
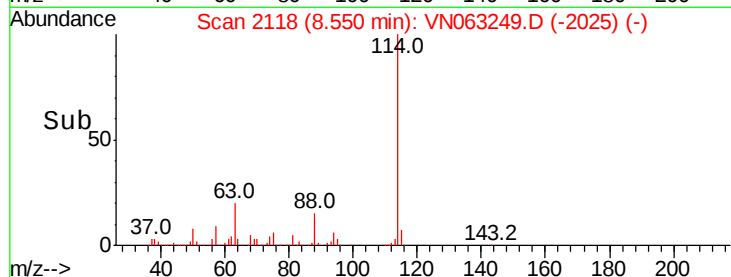
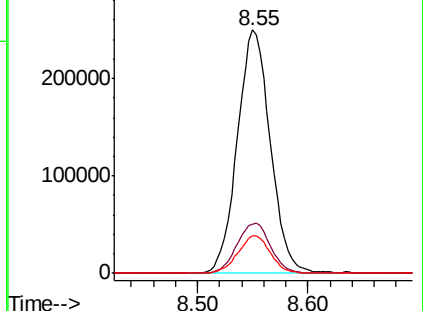
88 15.3 0.0 31.6



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: 50.116 ug/l

RT: 7.55 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VN063249.D

Acq: 4 Sep 2020 15:49

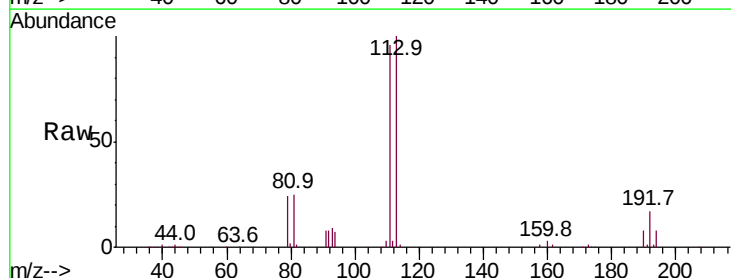
Tgt Ion:113 Resp: 166579

Ion Ratio Lower Upper

113 100

111 102.4 80.7 121.1

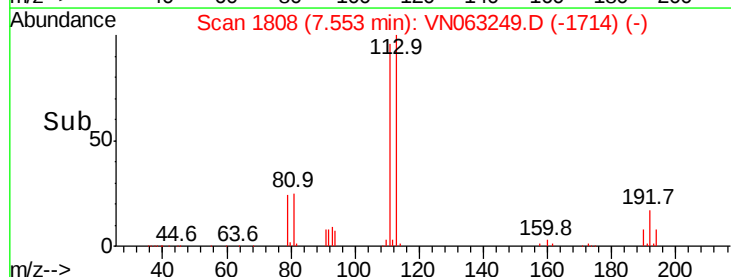
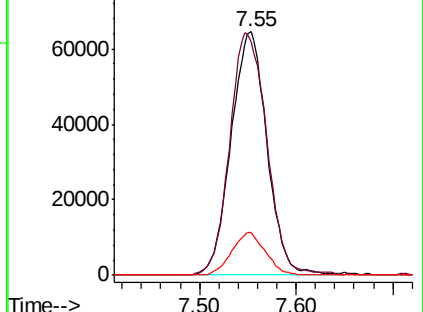
192 16.3 12.6 19.0

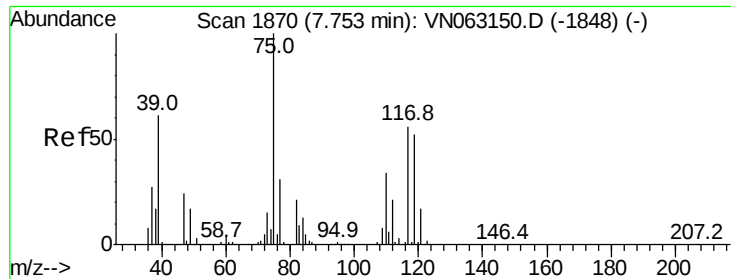


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.164 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN063249.D

Acq: 4 Sep 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

CONCRETE-PILE

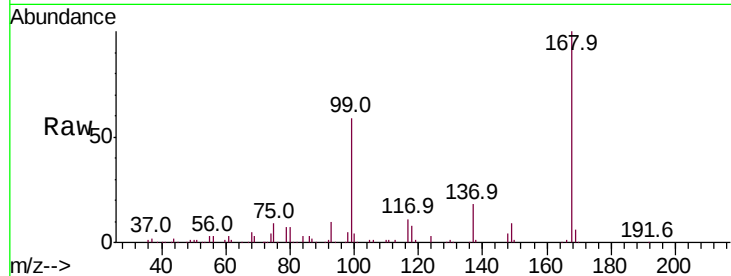
Tot Ion: 75 Resp: 25722

Ion Ratio Lower Upper

75 100

110 8.8 16.6 49.8#

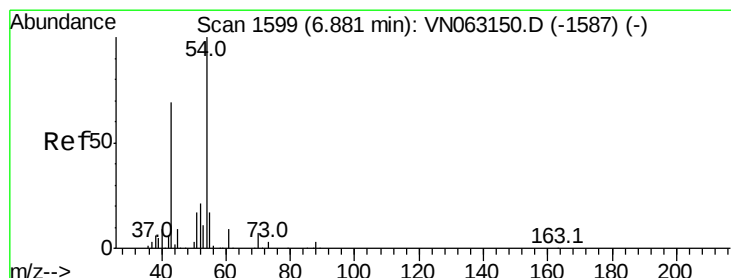
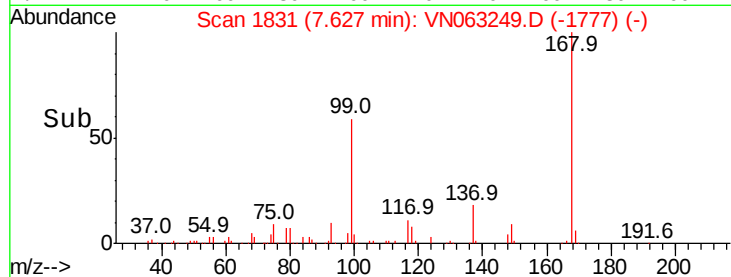
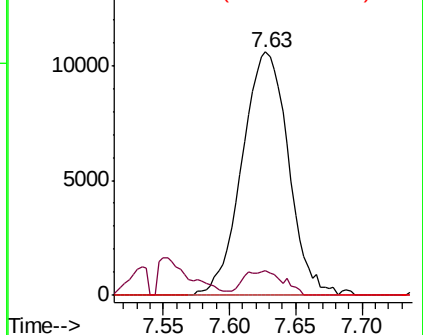
77 0.0 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 0.494 ug/l

RT: 6.87 min Scan# 1594

Delta R.T. -0.02 min

Lab File: VN063249.D

Acq: 4 Sep 2020 15:49

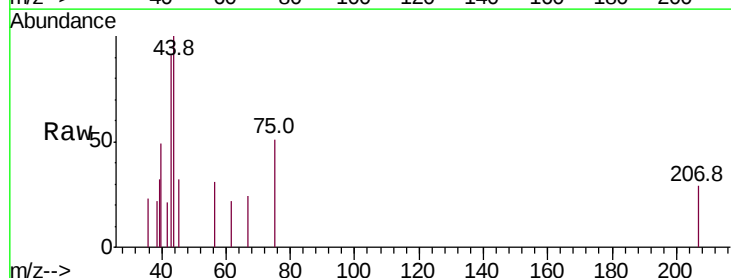
Tgt Ion: 43 Resp: 540

Ion Ratio Lower Upper

43 100

61 0.0 10.2 15.4#

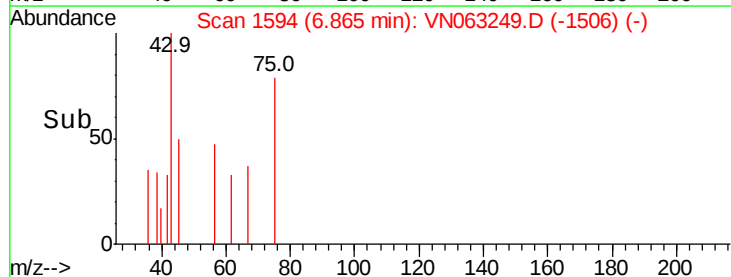
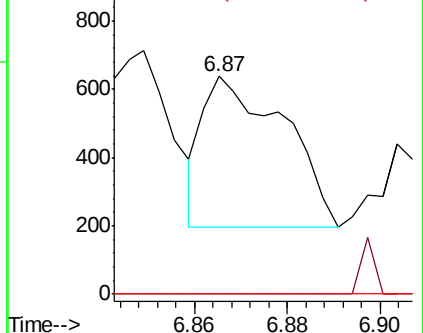
70 0.0 3.0 4.6#

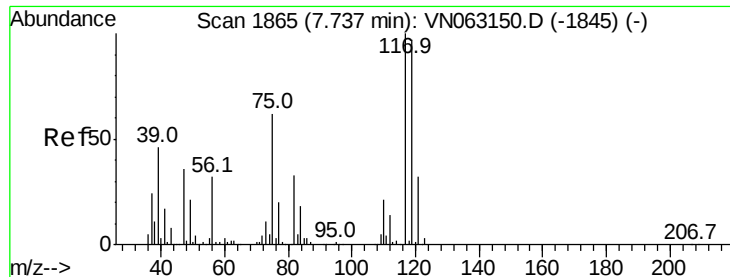


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 5.865 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN063249.D

Acq: 4 Sep 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

CONCRETE-PILE

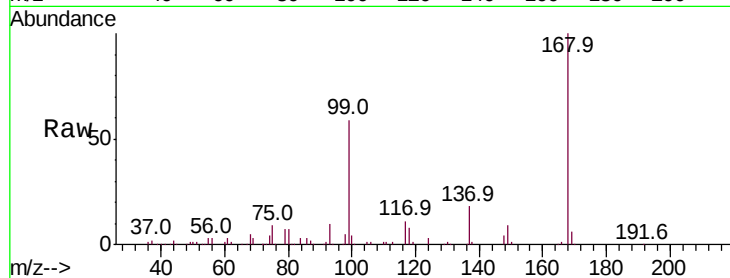
Tot Ion:117 Resp: 29625

Ion Ratio Lower Upper

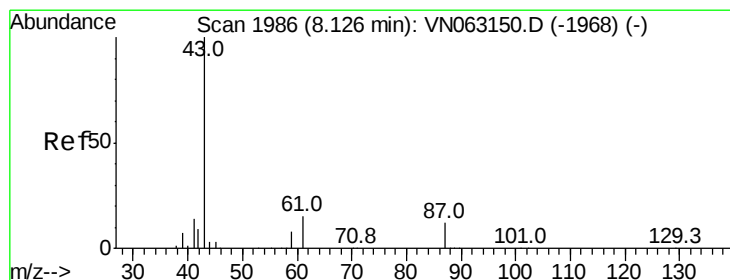
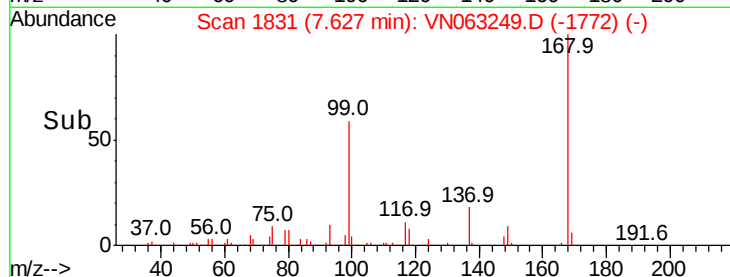
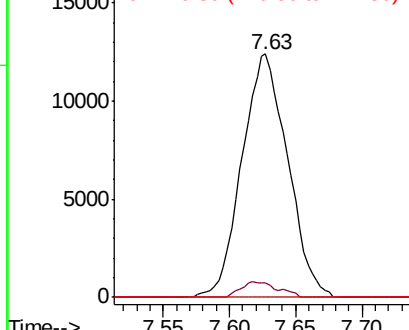
117 100

119 6.0 77.2 115.8#

121 0.0 25.6 38.4#



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



#43

Isopropyl Acetate

Concen: 2.230 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063249.D

Acq: 4 Sep 2020 15:49

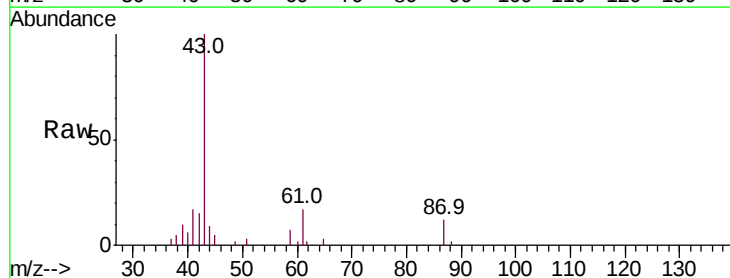
Tgt Ion: 43 Resp: 18112

Ion Ratio Lower Upper

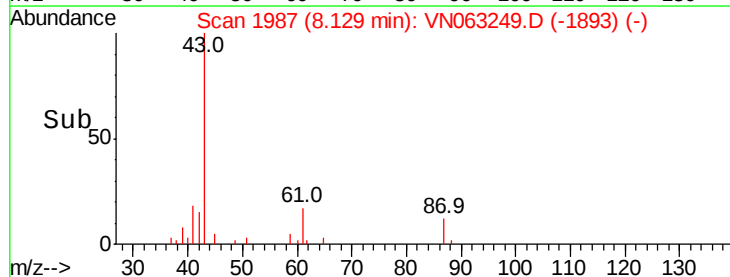
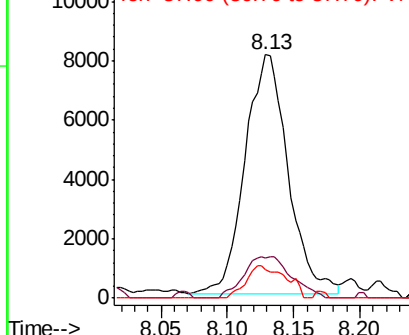
43 100

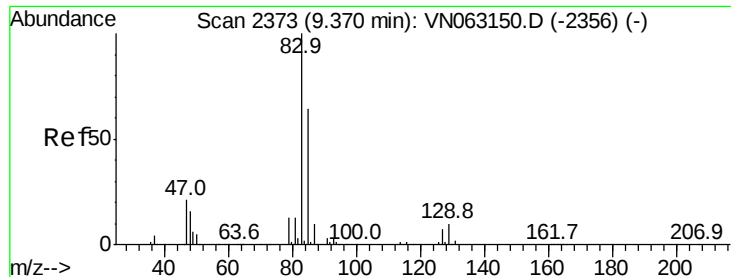
61 19.4 20.2 30.4#

87 12.5 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





#47

Bromodichloromethane

Concen: 0.331 ug/l

RT: 9.37 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN063249.D

Acq: 4 Sep 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

CONCRETE-PILE

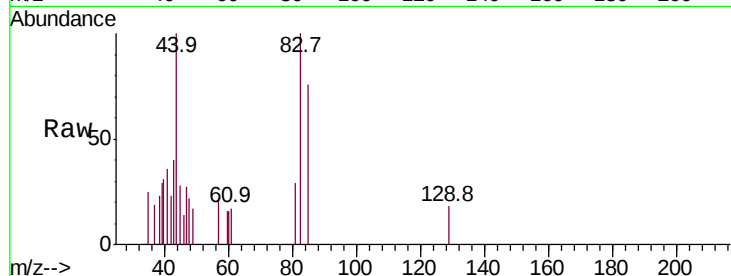
Tot Ion: 83 Resp: 1821

Ion Ratio Lower Upper

83 100

85 76.4 51.0 76.6

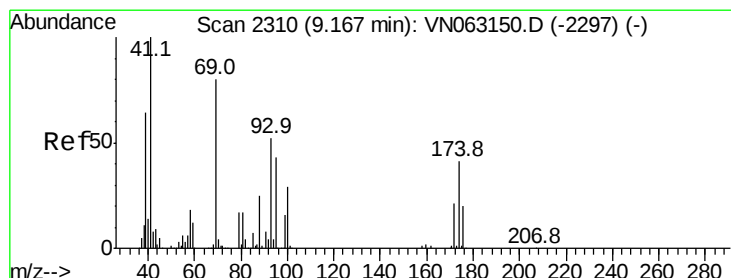
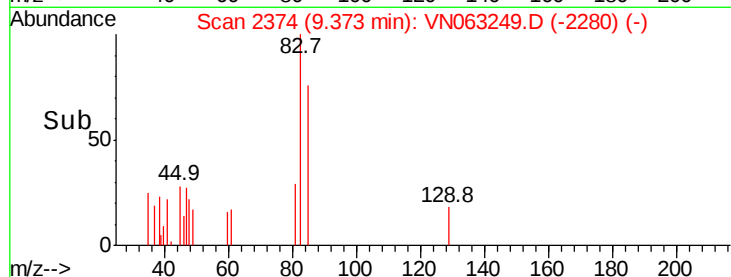
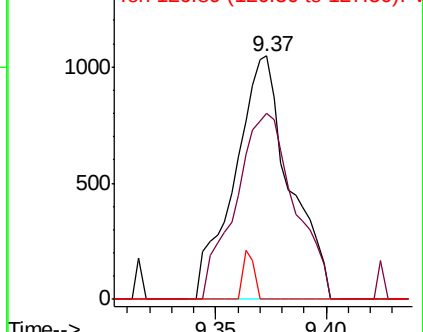
127 0.0 5.7 8.5#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 1.173 ug/l

RT: 9.15 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN063249.D

Acq: 4 Sep 2020 15:49

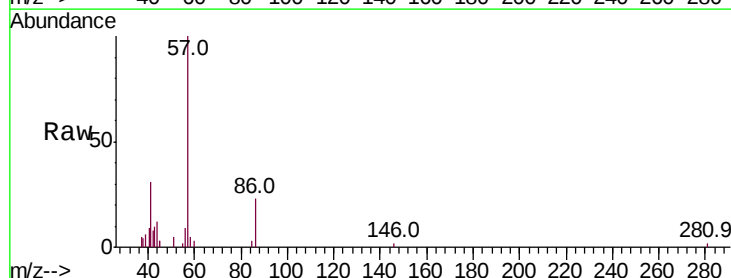
Tgt Ion: 41 Resp: 4295

Ion Ratio Lower Upper

41 100

69 0.0 65.9 98.9#

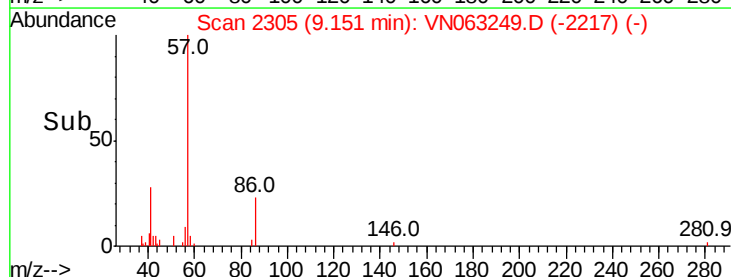
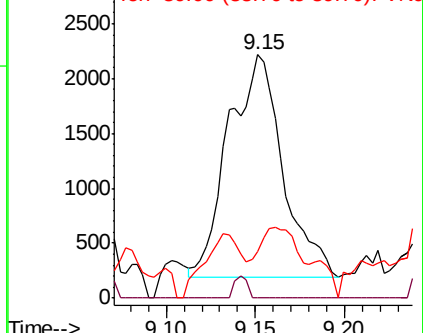
39 10.0 52.0 78.0#

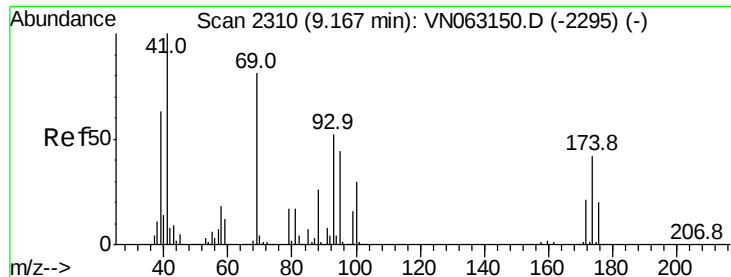


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

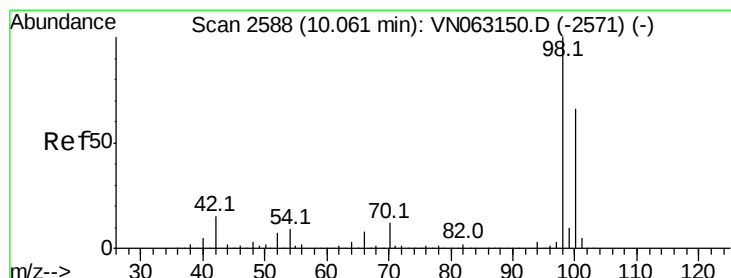
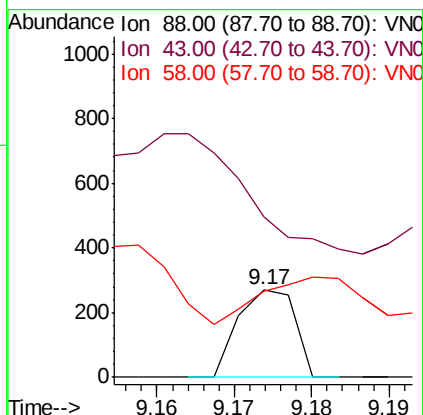
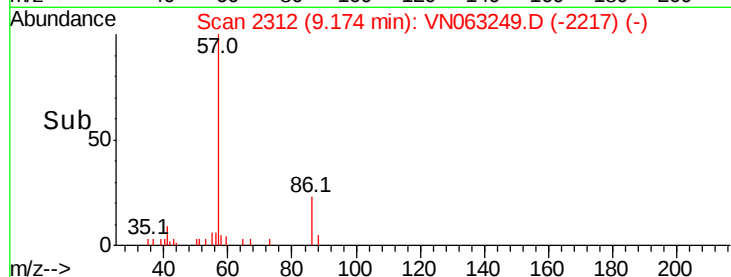
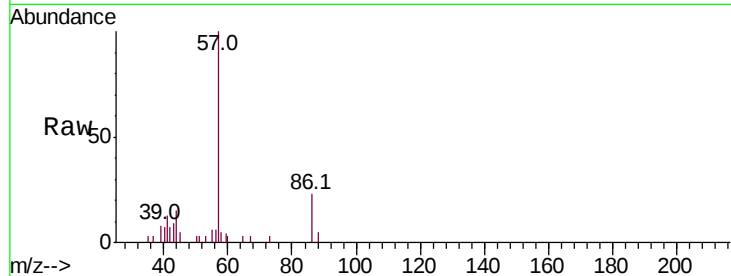




#49
1,4-Dioxane
Concen: 2.437 ug/l
RT: 9.17 min Scan# 2312
Delta R.T. 0.01 min
Lab File: VN063249.D
Acq: 4 Sep 2020 15:49

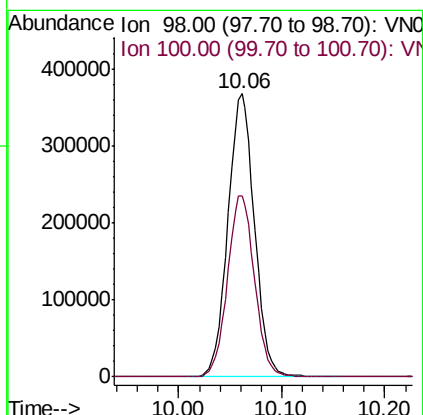
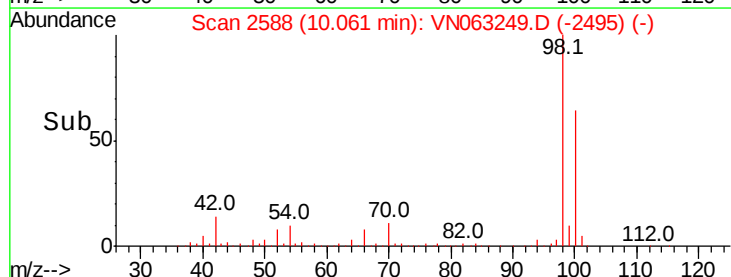
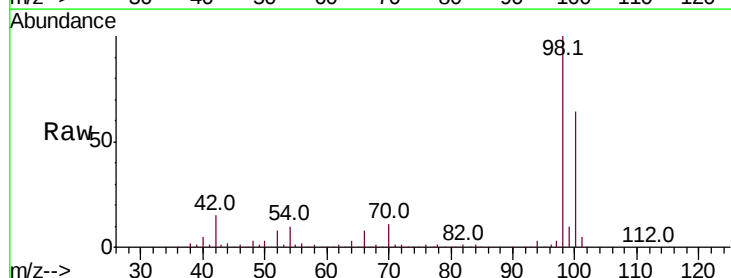
Instrument :
MSVOA_N
ClientSampleId :
CONCRETE-PILE

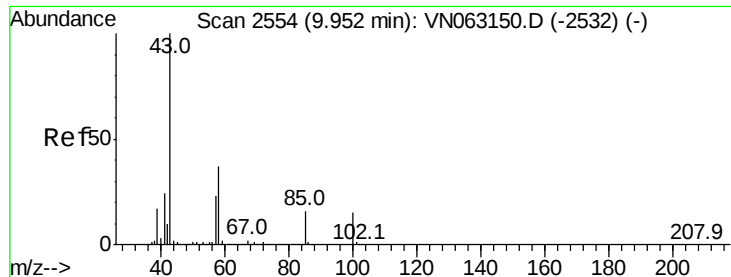
Tot Ion: 88 Resp: 138
Ion Ratio Lower Upper
88 100
43 0.0 28.6 42.8#
58 113.0 53.2 79.8#



#50
Toluene-d8
Concen: 51.677 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063249.D
Acq: 4 Sep 2020 15:49

Tgt Ion: 98 Resp: 661144
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 2.308 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN063249.D

Acq: 4 Sep 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

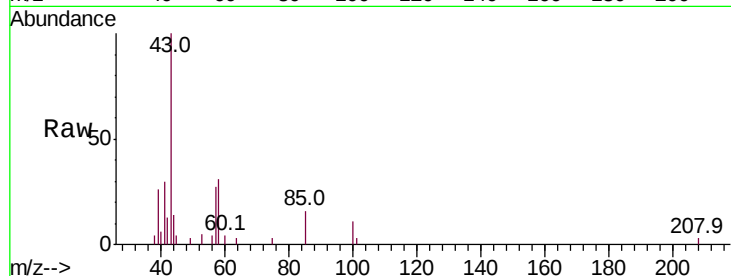
CONCRETE-PILE

Tot Ion: 43 Resp: 10187

Ion Ratio Lower Upper

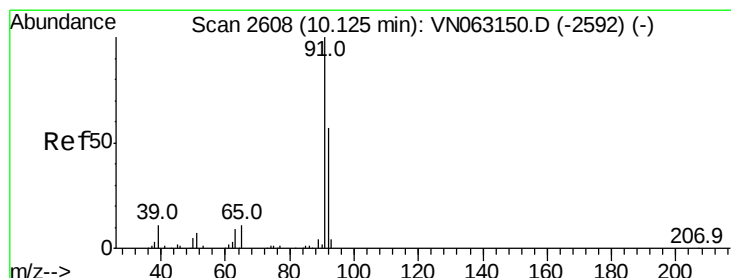
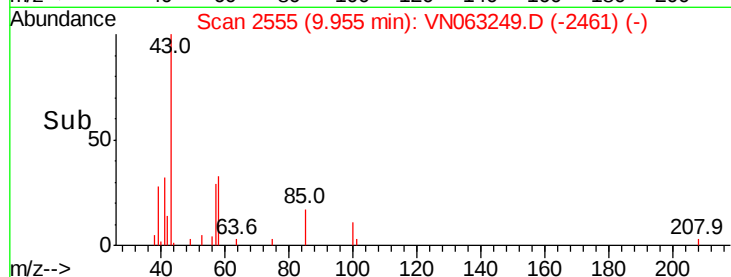
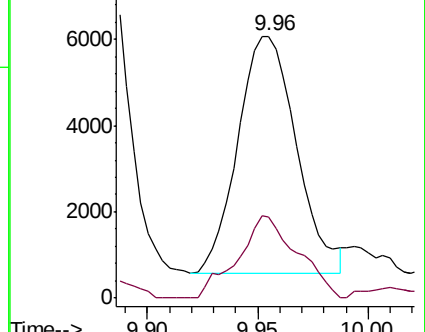
43 100

58 35.0 29.2 43.8



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN063150.D (-2532) (-)



#52

Toluene

Concen: 3.200 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063249.D

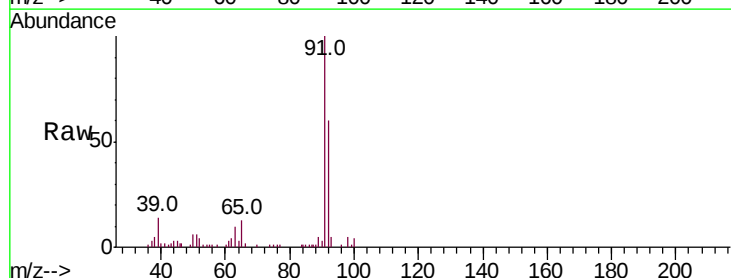
Acq: 4 Sep 2020 15:49

Tgt Ion: 92 Resp: 29180

Ion Ratio Lower Upper

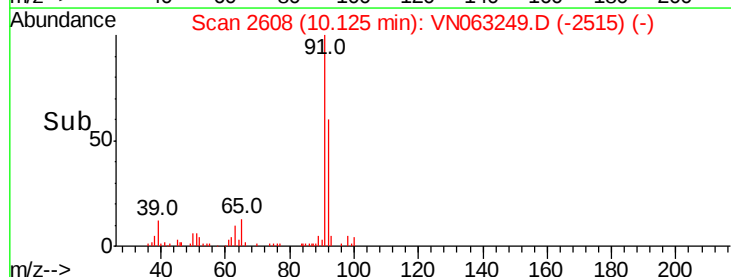
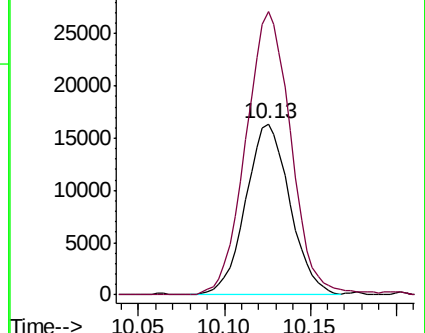
92 100

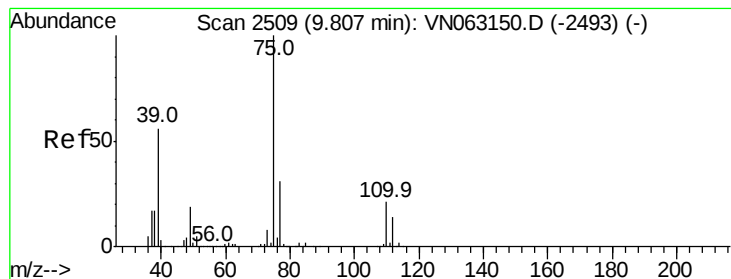
91 169.2 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN063150.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063150.D (-2592) (-)





#54

cis-1,3-Dichloropropene

Concen: 1.697 ug/l

RT: 9.87 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN063249.D

Acq: 4 Sep 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

CONCRETE-PILE

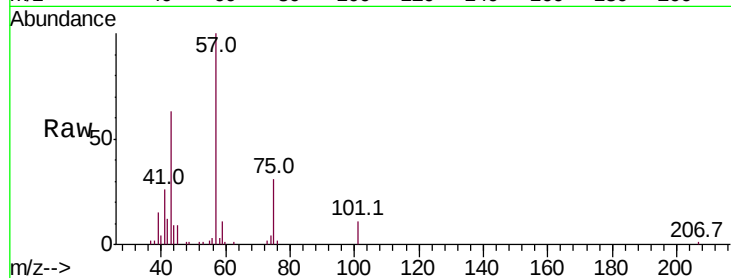
Tot Ion: 75 Resp: 10726

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

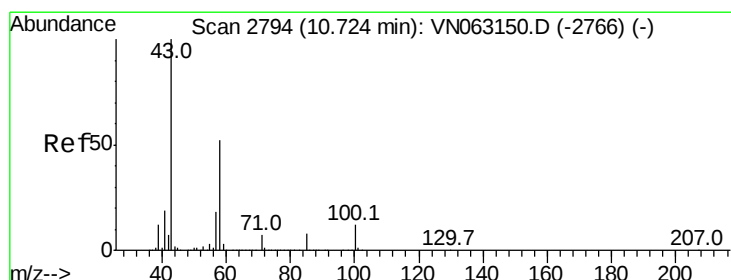
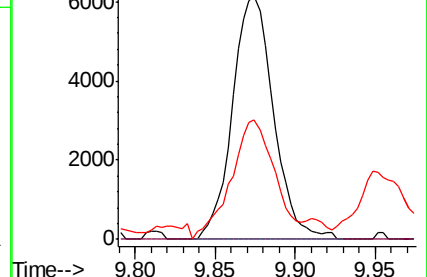
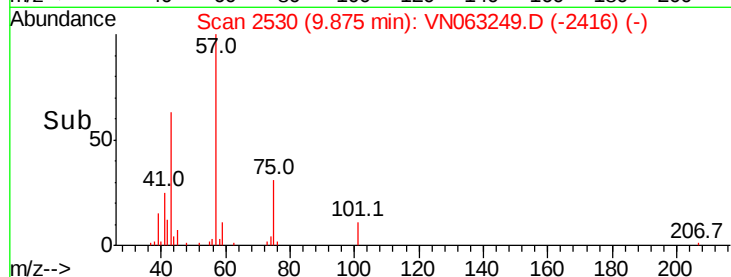
39 49.1 45.0 67.6



Abundance Ion 74.90 (74.60 to 75.60): VN063150.D (-2493) (-)

Ion 76.90 (76.60 to 77.60): VN063150.D (-2493) (-)

Ion 39.00 (38.70 to 39.70): VN063150.D (-2493) (-)



#59

2-Hexanone

Concen: 28.841 ug/l

RT: 10.69 min Scan# 2784

Delta R.T. -0.03 min

Lab File: VN063249.D

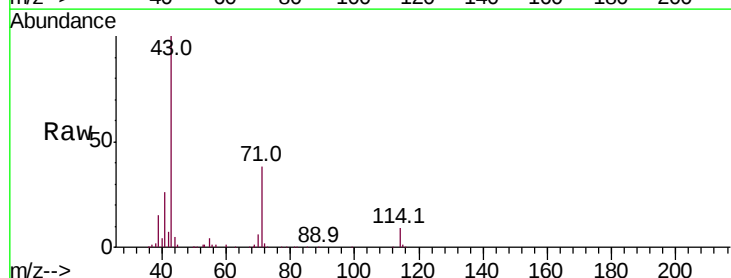
Acq: 4 Sep 2020 15:49

Tgt Ion: 43 Resp: 89467

Ion Ratio Lower Upper

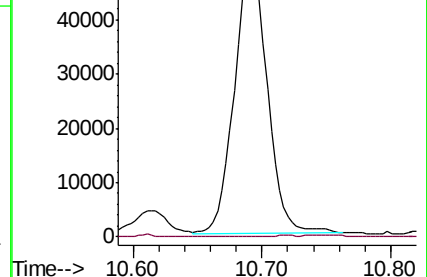
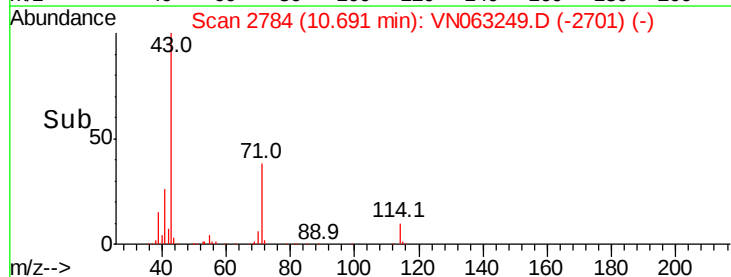
43 100

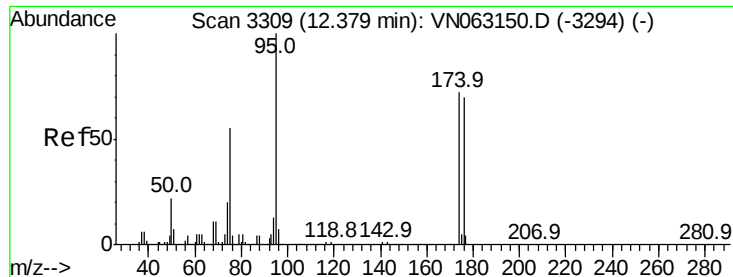
58 0.1 25.9 77.8#



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-2766) (-)

Ion 58.00 (57.70 to 58.70): VN063150.D (-2766) (-)





#62

4-Bromofluorobenzene

Concen: 49.291 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063249.D

Acq: 4 Sep 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

CONCRETE-PILE

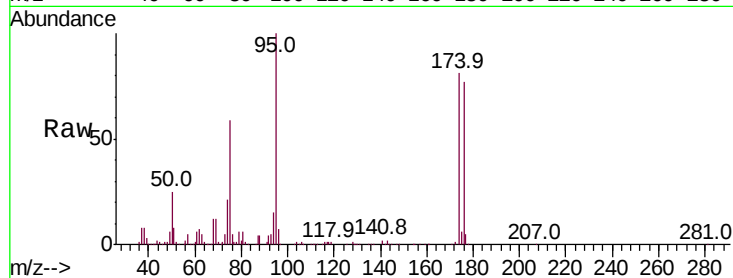
Tot Ion: 95 Resp: 220591

Ion Ratio Lower Upper

95 100

174 79.2 0.0 143.8

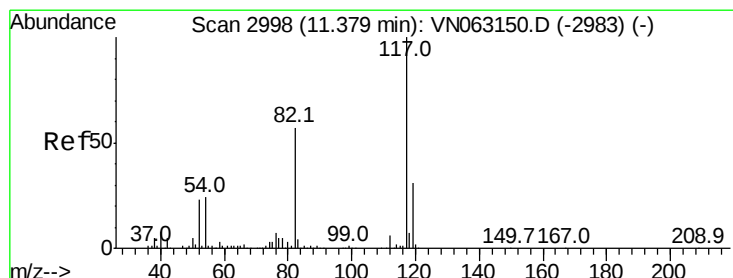
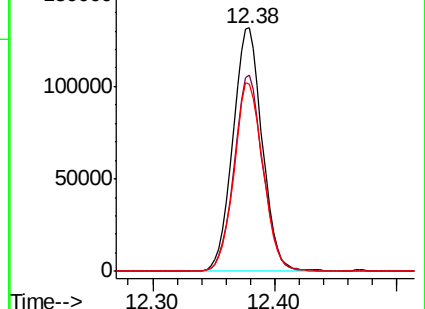
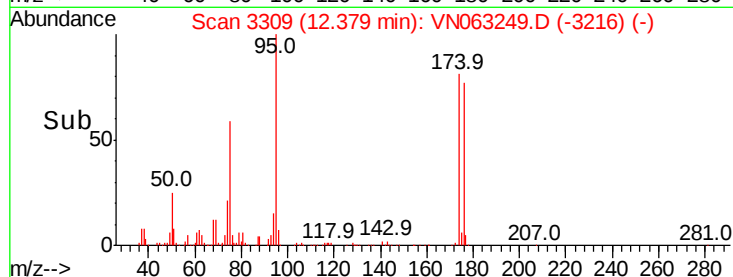
176 76.3 0.0 138.4



Abundance Ion 94.90 (94.60 to 95.60): VN063249.D (-3216) (-)

Ion 173.80 (173.50 to 174.50): VN063249.D (-3216) (-)

Ion 175.80 (175.50 to 176.50): VN063249.D (-3216) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063249.D

Acq: 4 Sep 2020 15:49

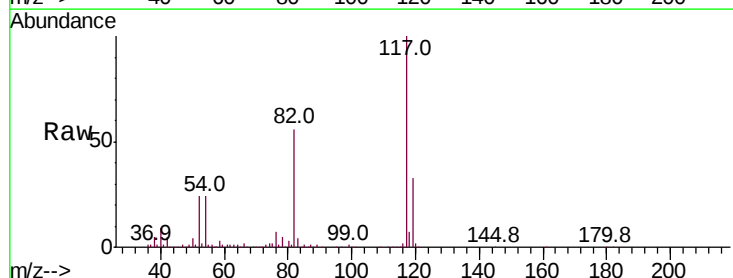
Tgt Ion: 117 Resp: 524552

Ion Ratio Lower Upper

117 100

82 56.2 45.4 68.0

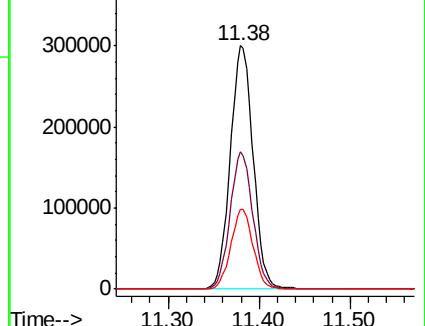
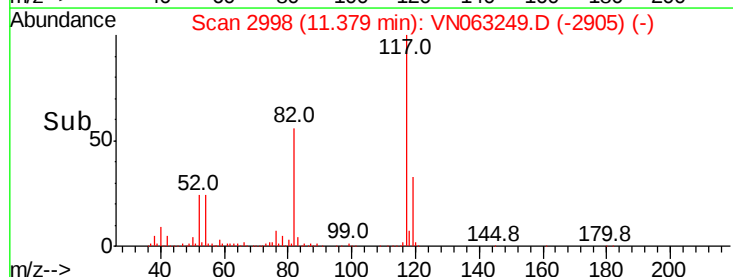
119 32.7 24.6 37.0

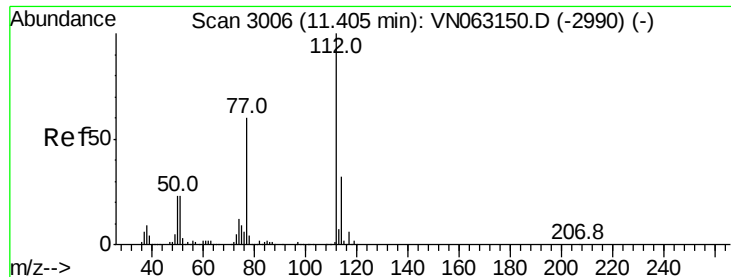


Abundance Ion 116.90 (116.60 to 117.60): VN063249.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN063249.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN063249.D (-2905) (-)

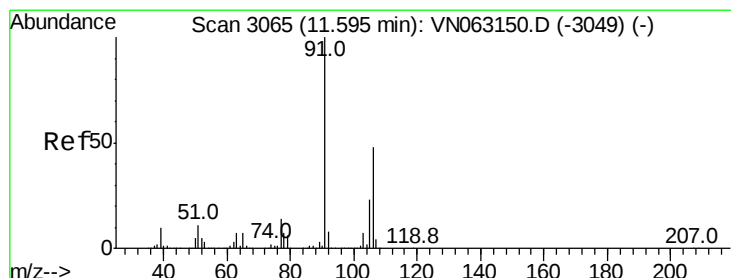
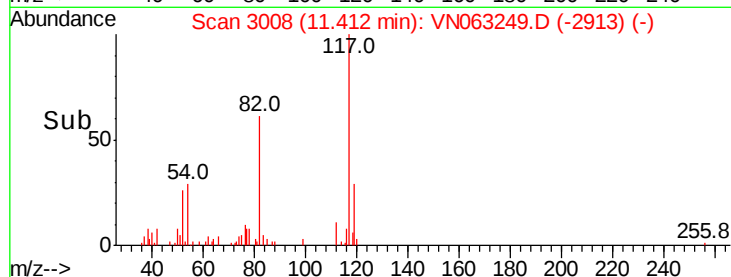
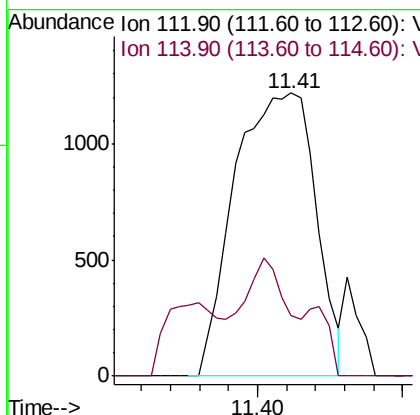
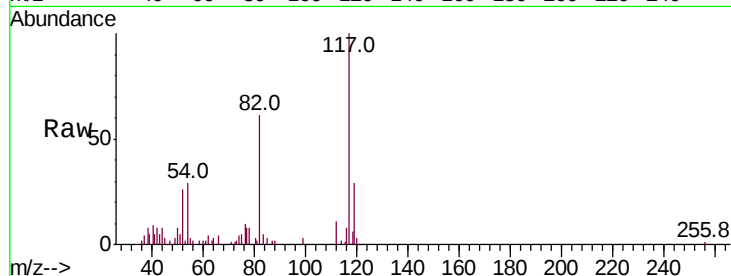




#65
Chlorobenzene
Concen: 0.223 ug/l
RT: 11.41 min Scan# 3008
Delta R.T. 0.01 min
Lab File: VN063249.D
Acq: 4 Sep 2020 15:49

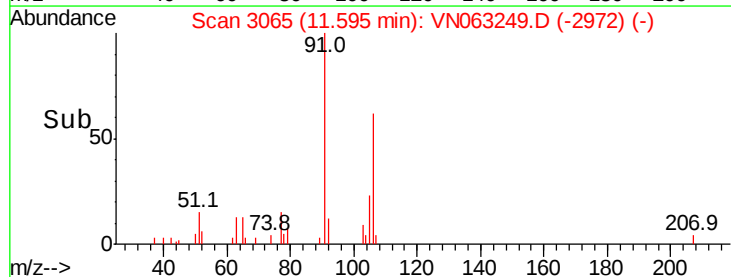
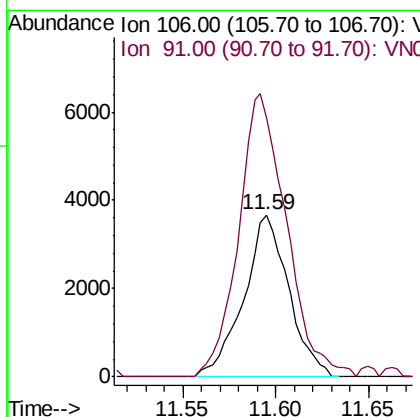
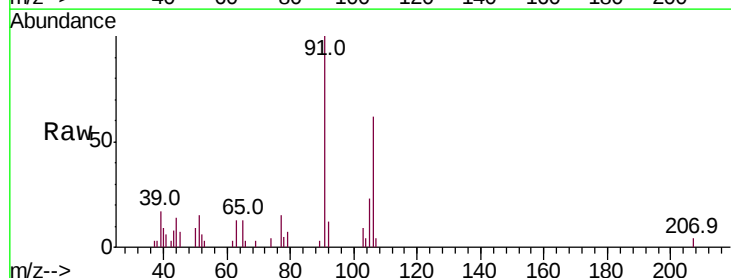
Instrument :
MSVOA_N
ClientSampled :
CONCRETE-PILE

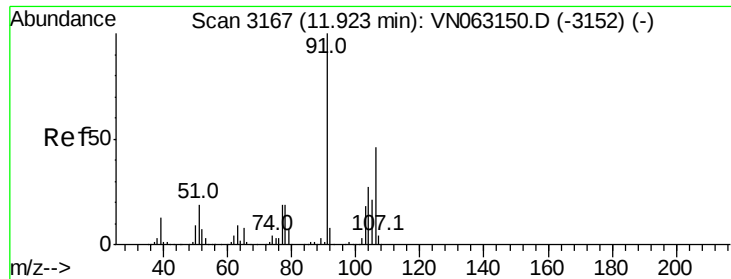
Tot Ion:112 Resp: 2352
Ion Ratio Lower Upper
112 100
114 21.3 25.2 37.8#



#68
m/p-Xylenes
Concen: 0.867 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063249.D
Acq: 4 Sep 2020 15:49

Tgt Ion:106 Resp: 6189
Ion Ratio Lower Upper
106 100
91 185.6 166.7 250.1

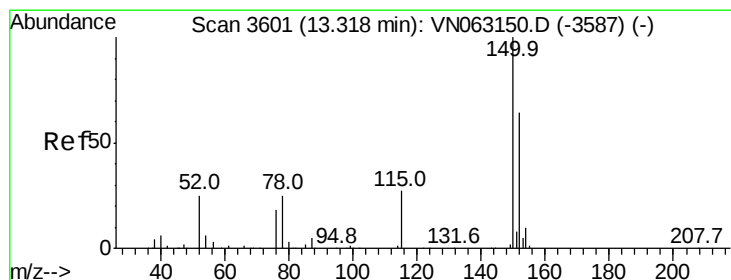
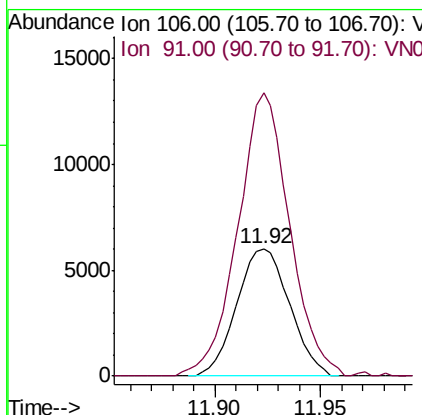
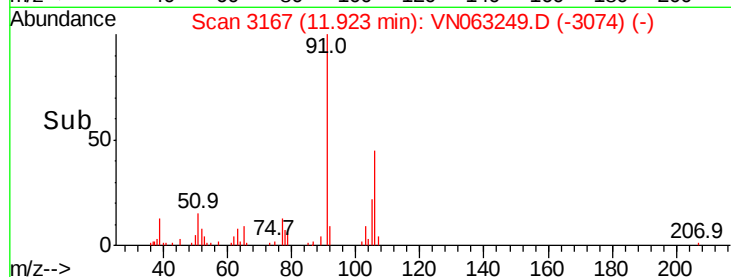
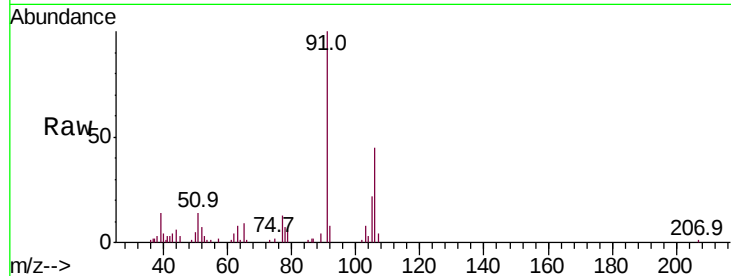




#69
o-Xylene
Concen: 1.520 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063249.D
Acq: 4 Sep 2020 15:49

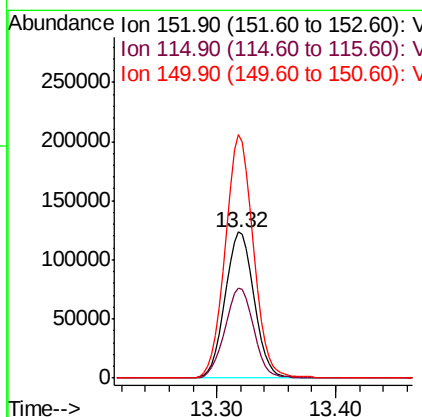
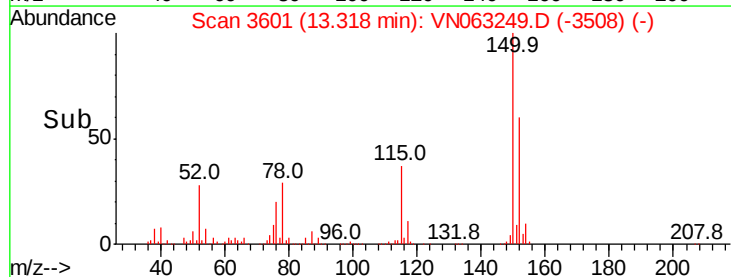
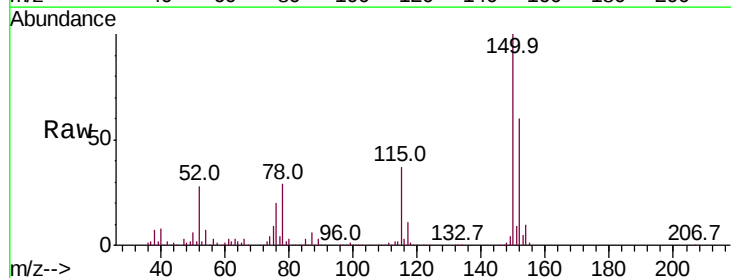
Instrument :
MSVOA_N
ClientSampleId :
CONCRETE-PILE

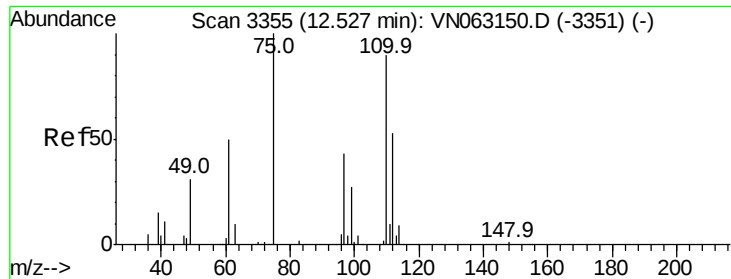
Tot Ion:106 Resp: 10484
Ion Ratio Lower Upper
106 100
91 218.0 108.6 325.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063249.D
Acq: 4 Sep 2020 15:49

Tgt Ion:152 Resp: 209138
Ion Ratio Lower Upper
152 100
115 61.2 32.0 96.2
150 161.4 0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 7.933 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.12 min

Lab File: VN063249.D

Acq: 4 Sep 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

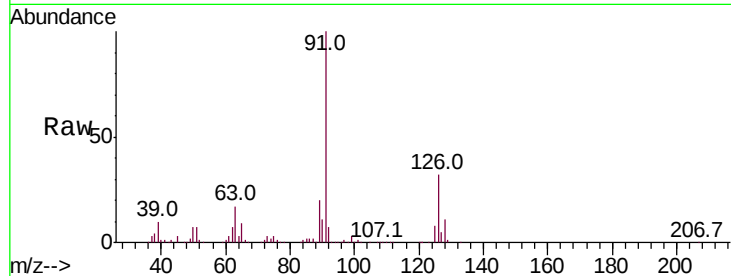
CONCRETE-PILE

Tot Ion: 75 Resp: 32598

Ion Ratio Lower Upper

75 100

77 10.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.65

20000

15000

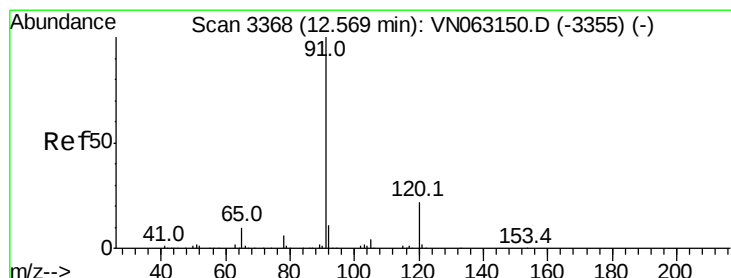
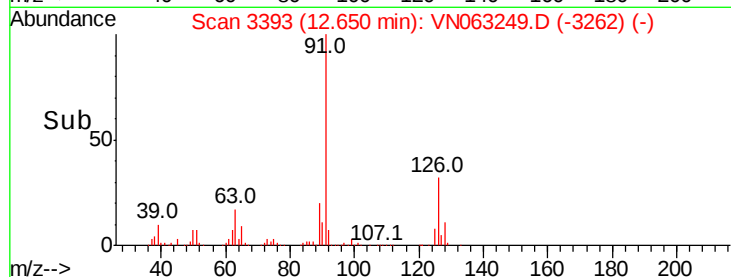
10000

5000

0

12.60 12.65 12.70

Time-->



#78

n-propylbenzene

Concen: 59.363 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.08 min

Lab File: VN063249.D

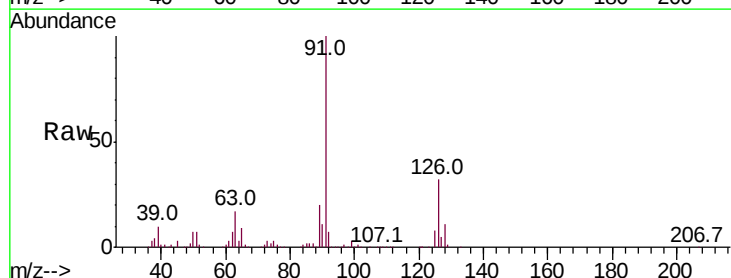
Acq: 4 Sep 2020 15:49

Tgt Ion: 91 Resp: 1101865

Ion Ratio Lower Upper

91 100

120 0.0 10.9 32.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.65

800000

600000

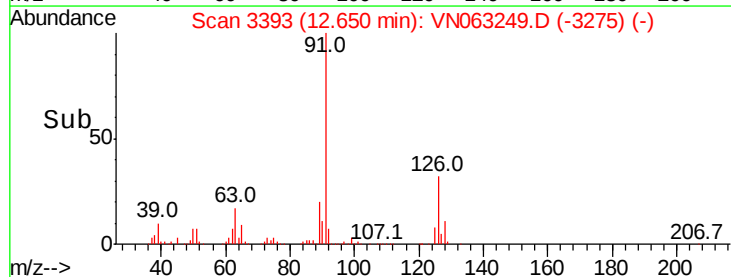
400000

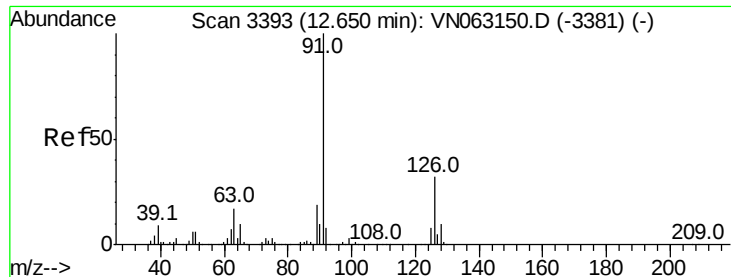
200000

0

12.60 12.65 12.70

Time-->

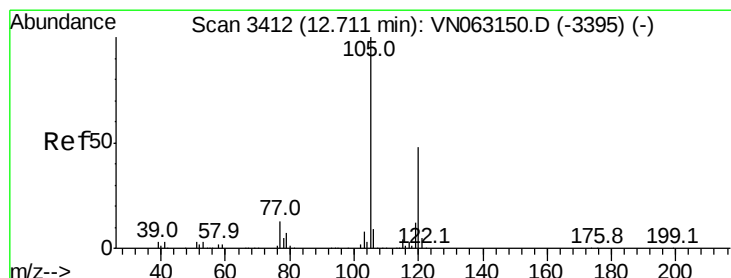
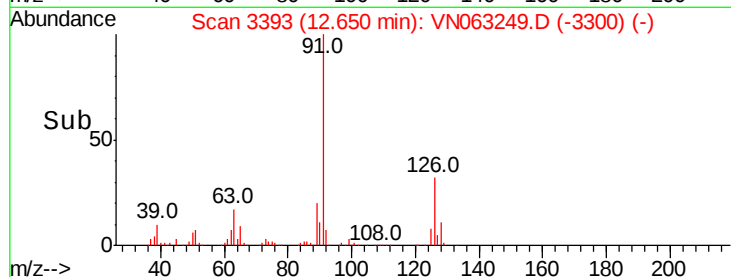
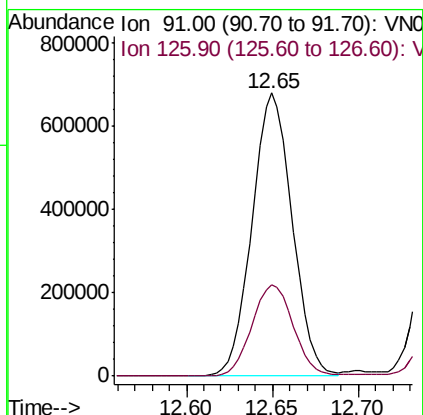
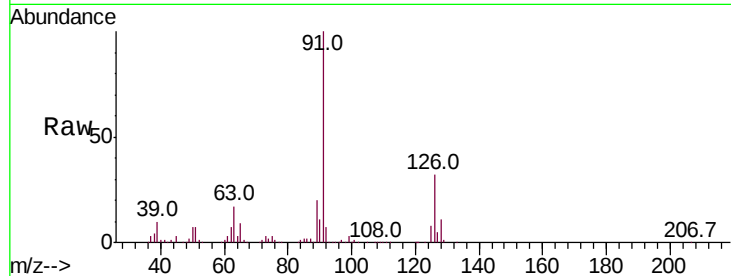




#79
 2-Chlorotoluene
 Concen: 99.112 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063249.D
 Acq: 4 Sep 2020 15:49

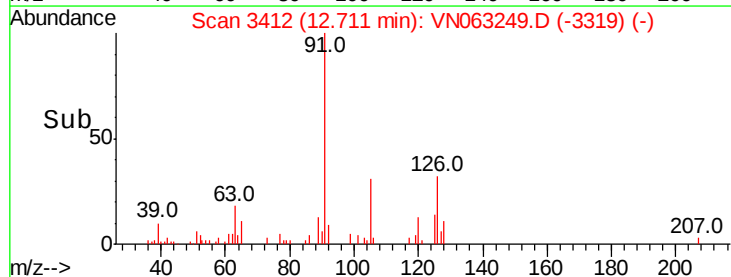
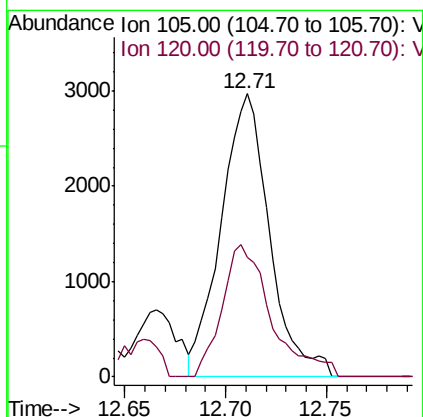
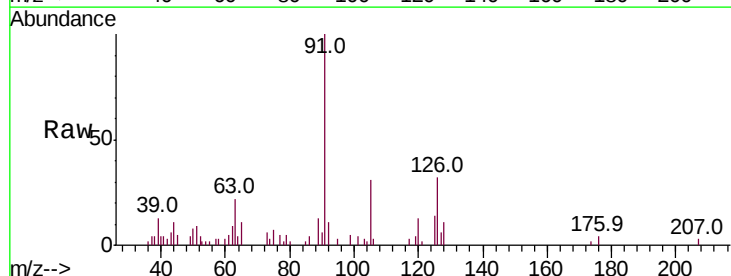
Instrument :
 MSVOA_N
 ClientSampleId :
 CONCRETE-PILE

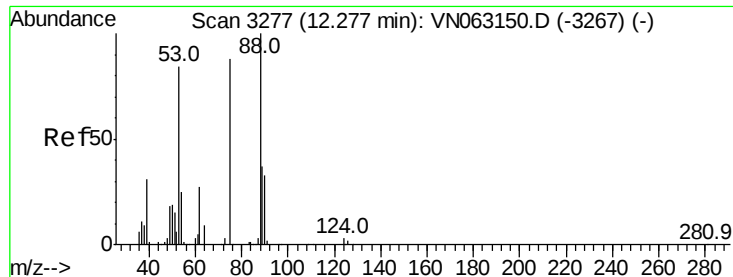
Tot Ion: 91 Resp: 1101865
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 0.374 ug/l
 RT: 12.71 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VN063249.D
 Acq: 4 Sep 2020 15:49

Tgt Ion:105 Resp: 4990
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 77.512 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063249.D

Acq: 4 Sep 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

CONCRETE-PILE

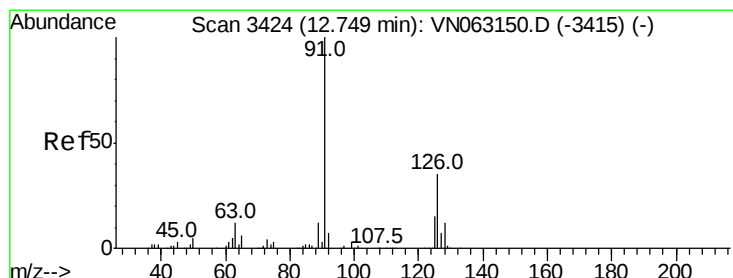
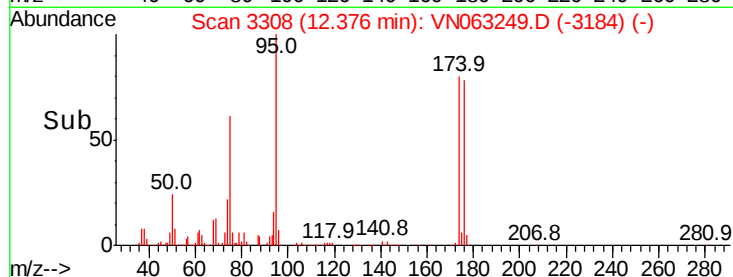
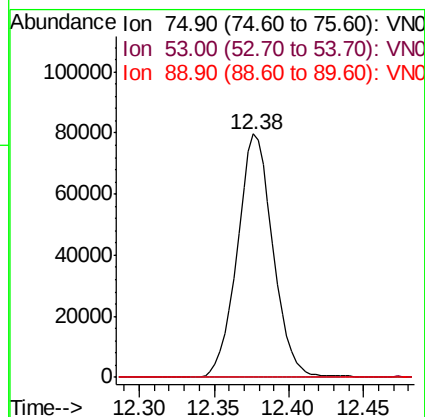
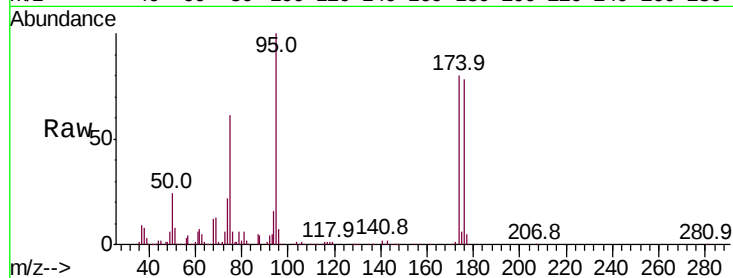
Tot Ion: 75 Resp: 131778

Ion Ratio Lower Upper

75 100

53 0.1 78.7 118.1#

89 0.0 35.3 52.9#



#82

4-Chlorotoluene

Concen: 75.450 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063249.D

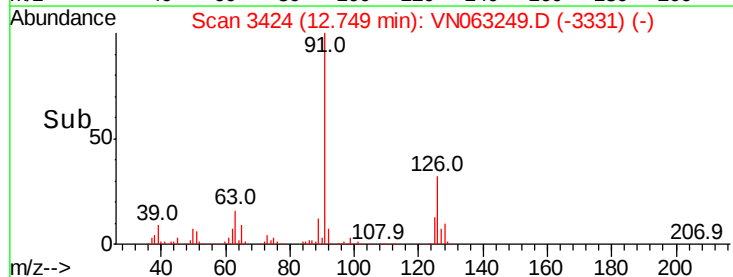
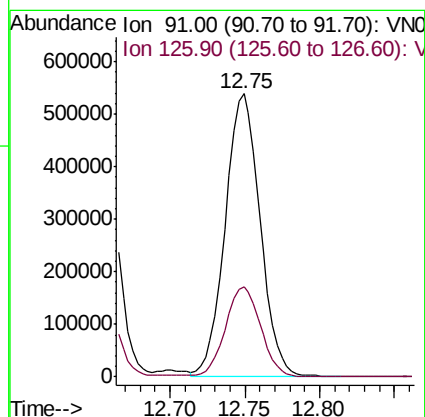
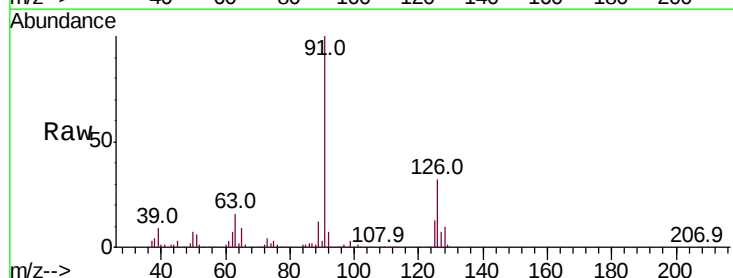
Acq: 4 Sep 2020 15:49

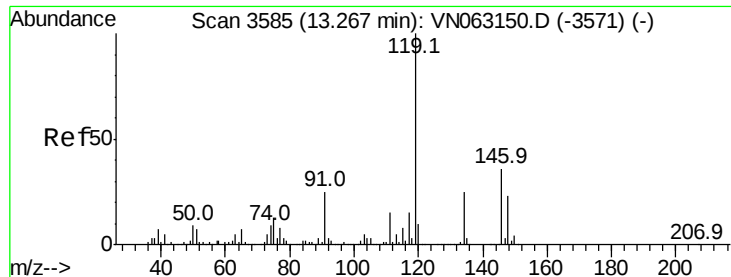
Tgt Ion: 91 Resp: 869949

Ion Ratio Lower Upper

91 100

126 32.3 16.2 48.5

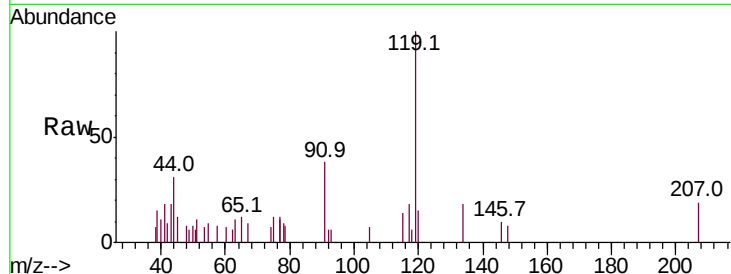




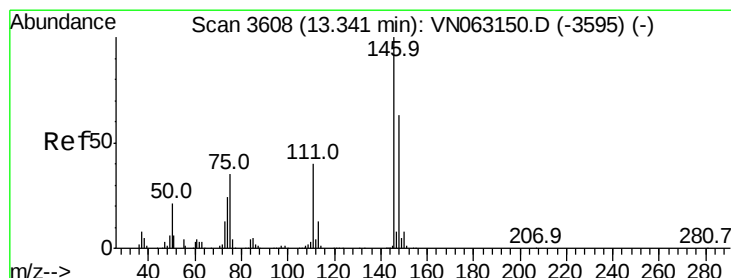
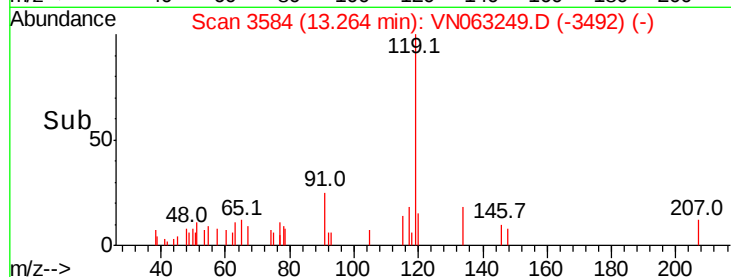
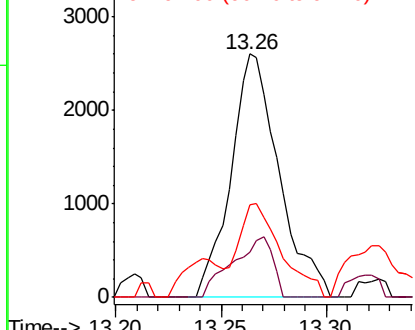
#86
p-Isopropyltoluene
Concen: 0.312 ug/l
RT: 13.26 min Scan# 3584
Delta R.T. -0.00 min
Lab File: VN063249.D
Acq: 4 Sep 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
CONCRETE-PILE

Tot Ion:119 Resp: 4129
Ion Ratio Lower Upper
119 100
134 20.5 12.4 37.4
91 34.5 12.2 36.6

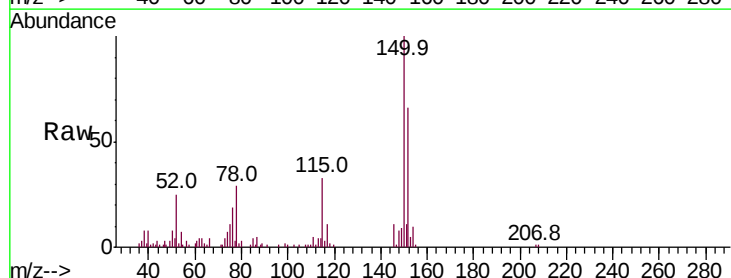


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

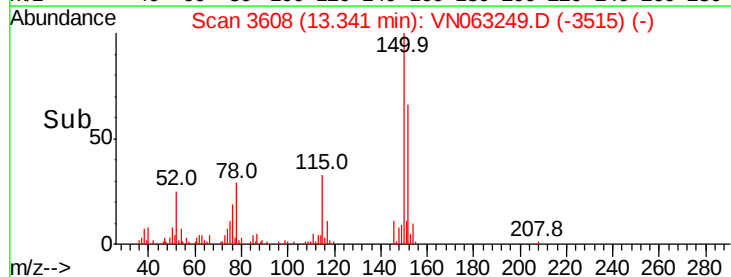
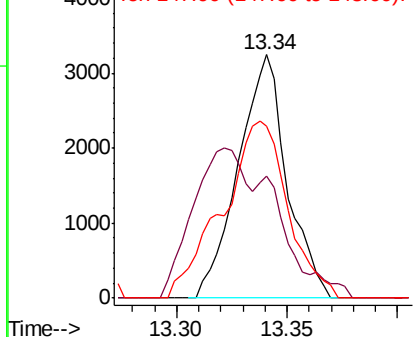


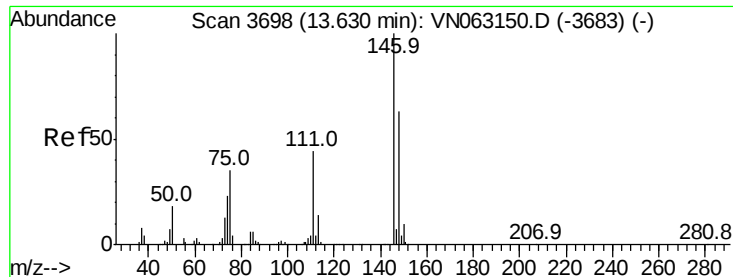
#88
1,4-Dichlorobenzene
Concen: 0.720 ug/l
RT: 13.34 min Scan# 3608
Delta R.T. 0.00 min
Lab File: VN063249.D
Acq: 4 Sep 2020 15:49

Tgt Ion:146 Resp: 4971
Ion Ratio Lower Upper
146 100
111 69.6 20.5 61.5#
148 97.4 31.9 95.7#



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





#91

1,2-Dichlorobenzene

Concen: 0.578 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063249.D

Acq: 4 Sep 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

CONCRETE-PILE

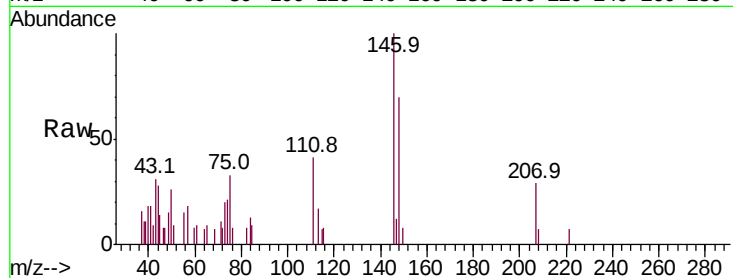
Tot Ion:146 Resp: 3738

Ion Ratio Lower Upper

146 100

111 43.9 22.0 66.0

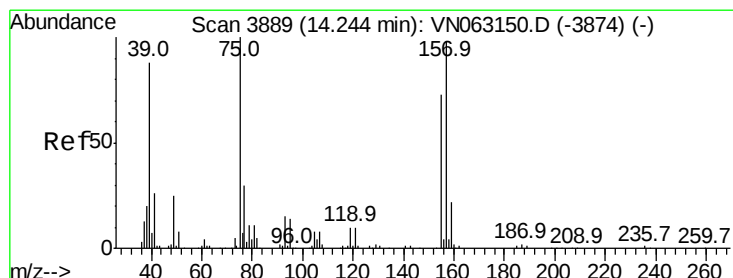
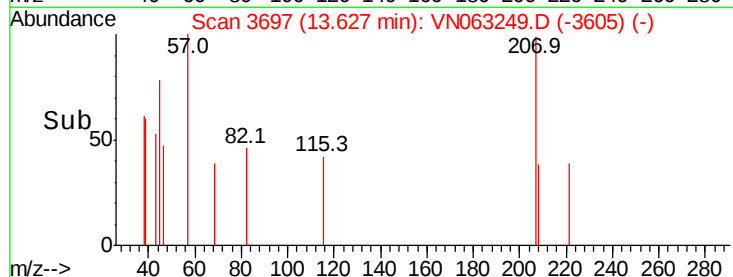
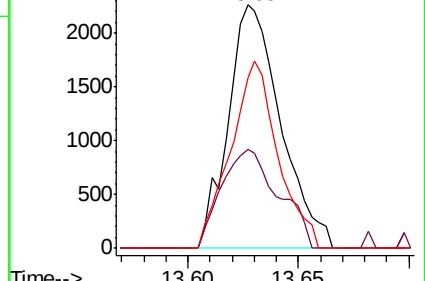
148 69.1 31.6 95.0



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: 47.278 ug/l

RT: 14.35 min Scan# 3921

Delta R.T. 0.10 min

Lab File: VN063249.D

Acq: 4 Sep 2020 15:49

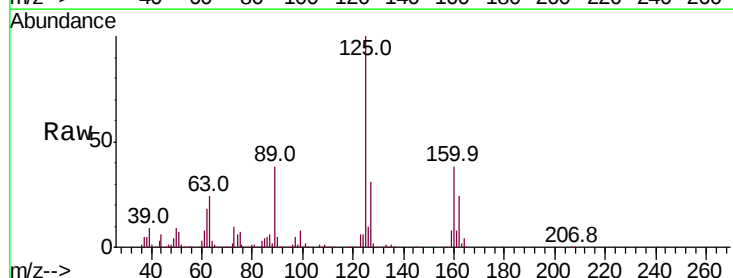
Tgt Ion: 75 Resp: 48068

Ion Ratio Lower Upper

75 100

155 0.0 36.1 108.5#

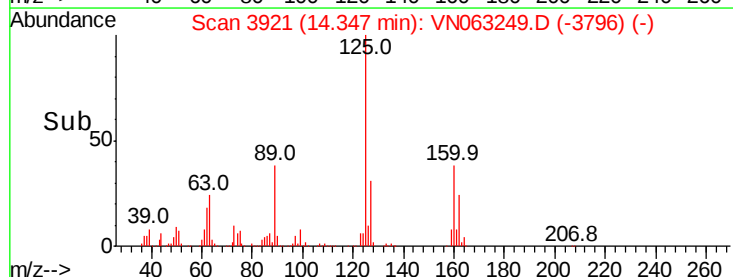
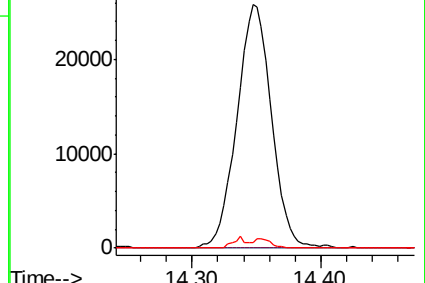
157 1.7 48.4 145.0#

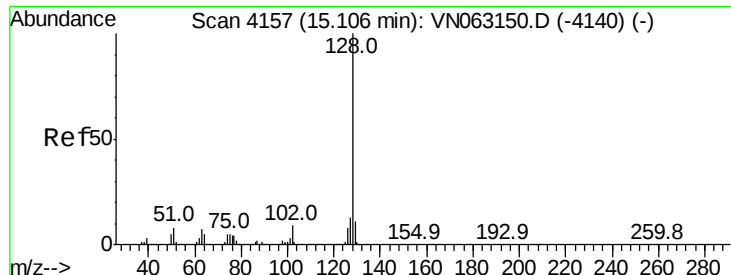


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 1.298 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063249.D

Acq: 4 Sep 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

CONCRETE-PILE

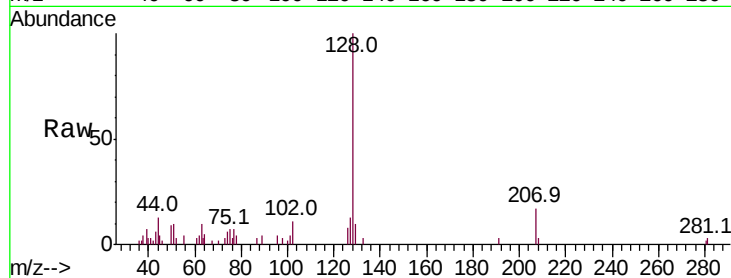
Tot Ion:128 Resp: 15651

Ion Ratio Lower Upper

128 100

127 14.8 10.5 15.7

129 7.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

