

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052749.D
 Acq On : 10 Dec 2018 13:23
 Operator : MD\SY
 Sample : J6269-02 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-SOIL

Quant Time: Dec 11 01:21:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1218391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1866706	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1600089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	621151	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	624908	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	
35) Dibromofluoromethane	7.59	113	527332	45.82	ug/l	0.00
Spiked Amount			Recovery	=	91.64%	
50) Toluene-d8	10.09	98	2253696	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.40	95	701239	46.58	ug/l	0.00
Spiked Amount			Recovery	=	93.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.81	43	1712	0.489	ug/l	97
17) Carbon Disulfide	4.06	76	8039	0.224	ug/l	99
18) Methyl Acetate	4.33	43	2502	0.249	ug/l #	60
25) 2-Butanone	6.83	43	1658	0.334	ug/l #	50
29) Tetrahydrofuran	7.22	42	641	0.200	ug/l #	46
31) Cyclohexane	7.66	56	48797	1.785	ug/l #	35
36) 1,1-Dichloropropene	7.67	75	80906	4.590	ug/l #	49
38) Carbon Tetrachloride	7.67	117	107090	6.711	ug/l #	15
39) Methylcyclohexane	9.08	83	35553	1.659	ug/l	96
43) Isopropyl Acetate	8.24	43	35374	1.943	ug/l #	53
48) Methyl methacrylate	9.27	41	5315	0.560	ug/l #	70
52) Toluene	10.15	92	22678	0.727	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	2580	0.235	ug/l #	14
56) Ethyl methacrylate	10.43	69	1266	2.772	ug/l #	36
59) 2-Hexanone	10.76	43	5283	0.771	ug/l	66
67) Ethyl Benzene	11.51	91	22864	0.396	ug/l	98
68) m/p-Xylenes	11.63	106	88417	4.111	ug/l	100
69) o-Xylene	11.95	106	11652	0.558	ug/l	98
71) Bromoform	12.40	173	4253	0.560	ug/l #	1
73) Isopropylbenzene	12.25	105	15694	0.322	ug/l	99
76) 1,2,3-Trichloropropane	12.40	75	335247	35.000	ug/l #	100
78) n-propylbenzene	12.59	91	18454	0.333	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	27161	0.699	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	335247	116.883	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	805653	20.684	ug/l	100
85) sec-Butylbenzene	13.04	105	805653	17.071	ug/l #	57
86) p-Isopropyltoluene	13.29	119	19170	0.477	ug/l	96
88) 1,4-Dichlorobenzene	13.36	146	4596	0.221	ug/l #	1
89) n-Butylbenzene	13.61	91	10611	0.317	ug/l #	54
90) Hexachloroethane	13.89	117	15091	2.217	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.91	180	5476	3.298	ug/l #	64
94) Hexachlorobutadiene	15.01	225	1549	0.239	ug/l	94
95) Naphthalene	15.13	128	120105	8.212	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	5729	3.261	ug/l #	89

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Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration

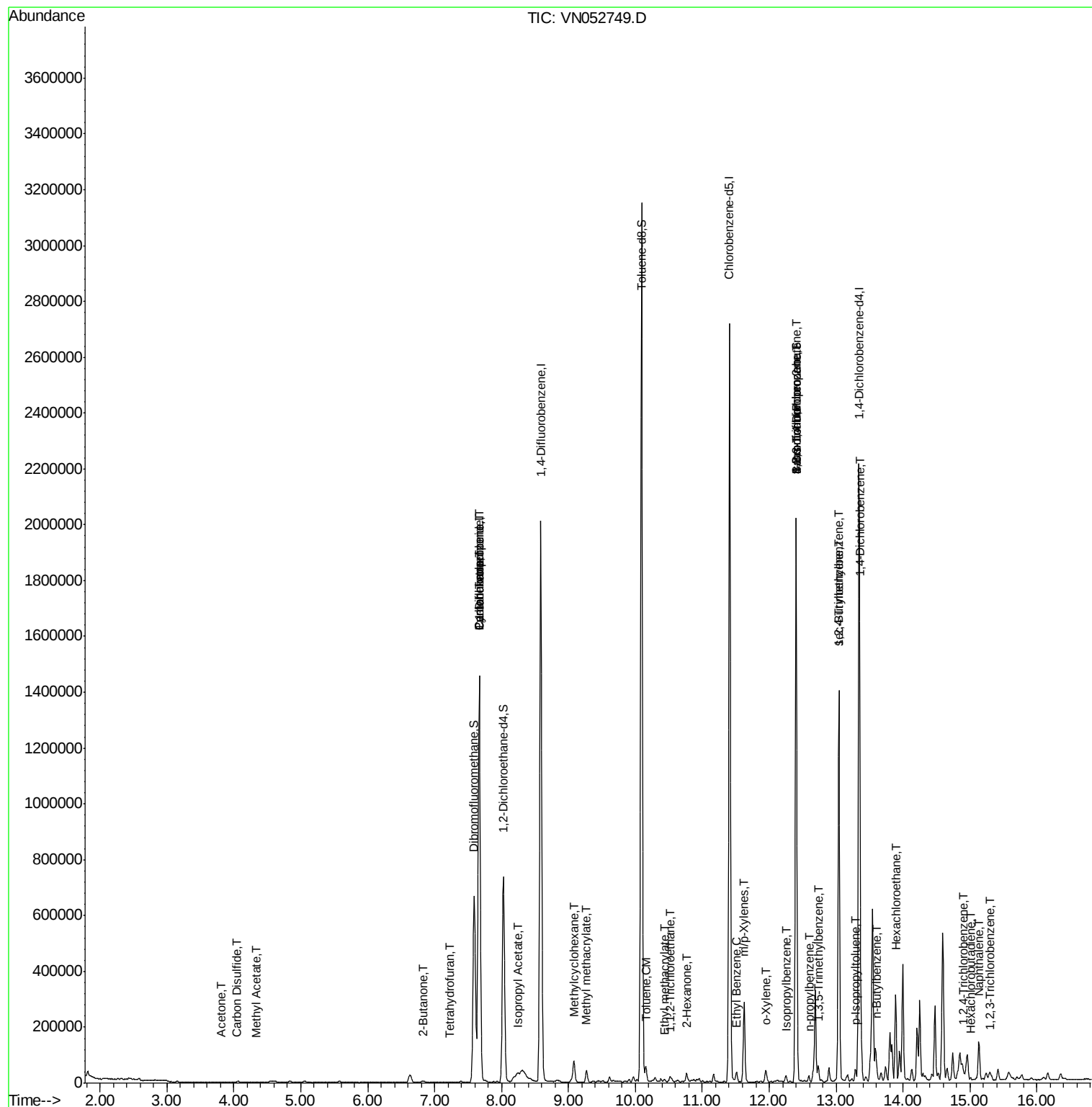
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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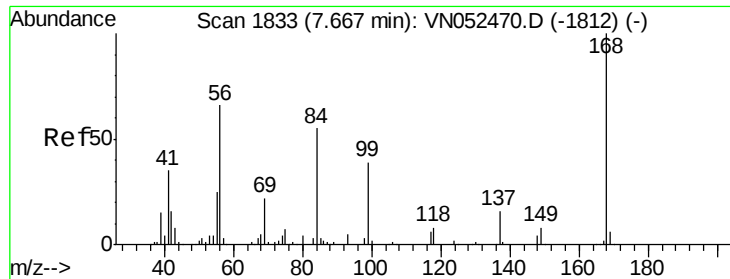
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121018\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

Instrument :

MSVOA_N

ClientSampled :

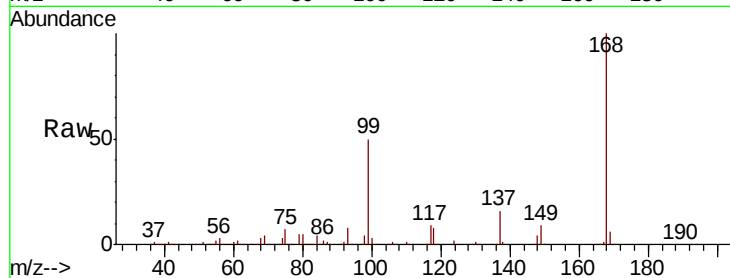
OILY-SOIL

Tot Ion:168 Resp: 1218391

Ion Ratio Lower Upper

168 100

99 50.4 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

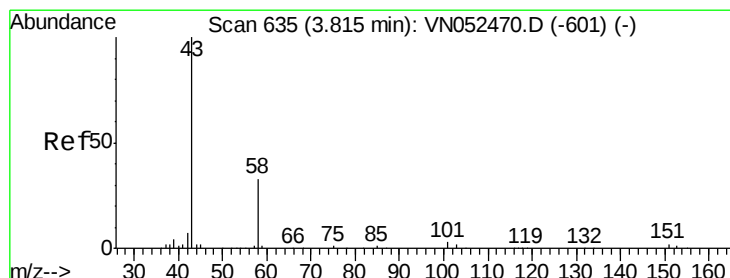
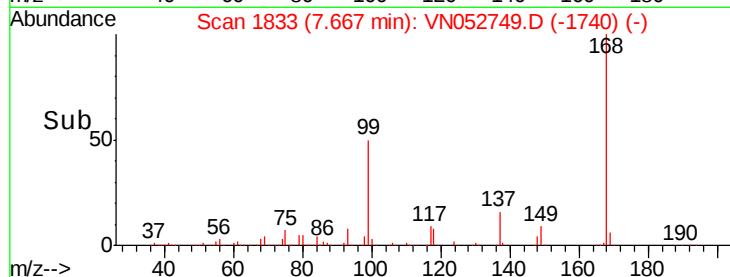
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 0.489 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN052749.D

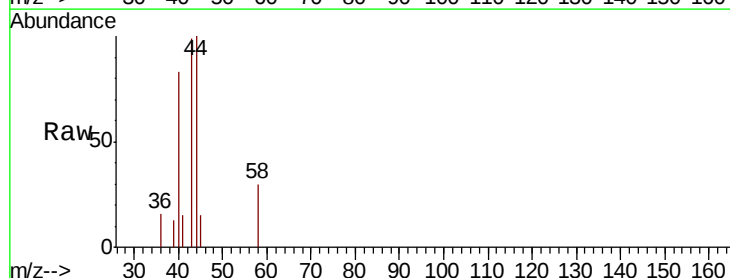
Acq: 10 Dec 2018 13:23

Tgt Ion: 43 Resp: 1712

Ion Ratio Lower Upper

43 100

58 30.7 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

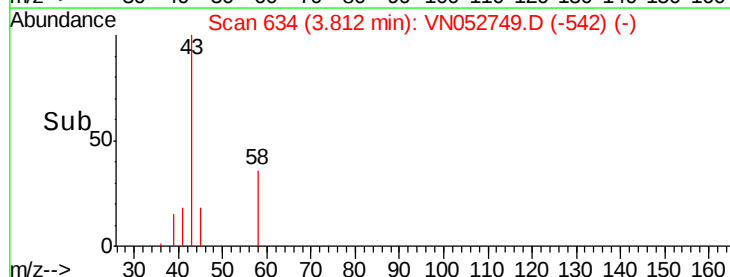
3.81

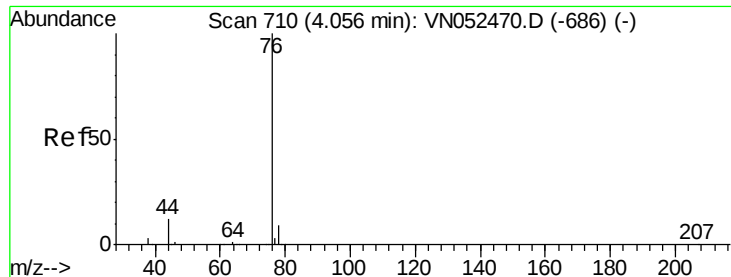
1000

500

0

Time-->





#17

Carbon Disulfide

Concen: 0.224 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

Instrument :

MSVOA_N

ClientSampled :

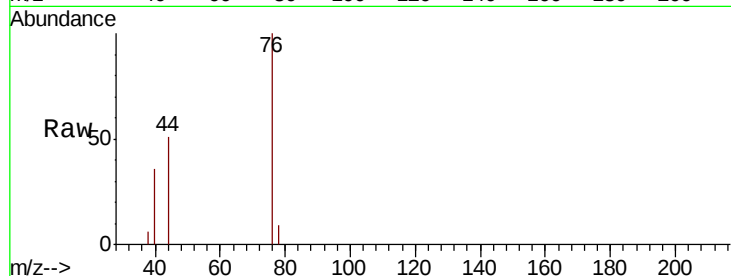
OILY-SOIL

Tot Ion: 76 Resp: 8039

Ion Ratio Lower Upper

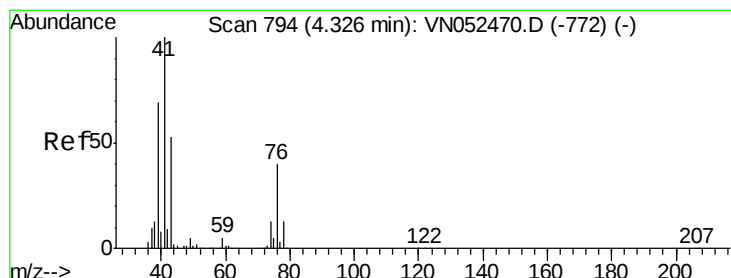
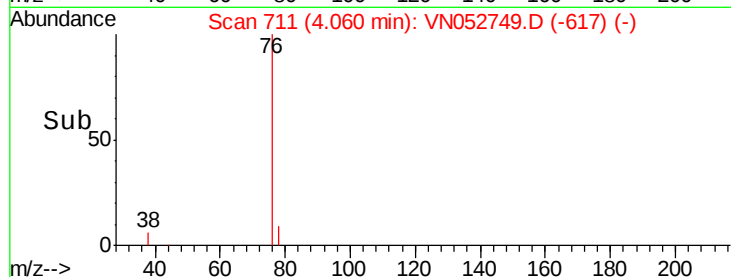
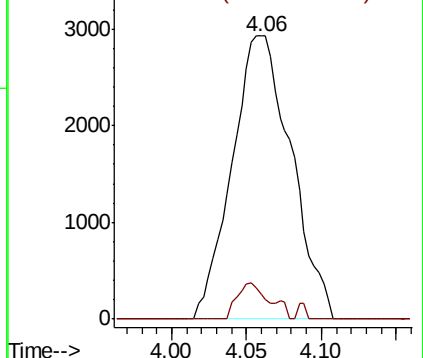
76 100

78 8.7 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.249 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN052749.D

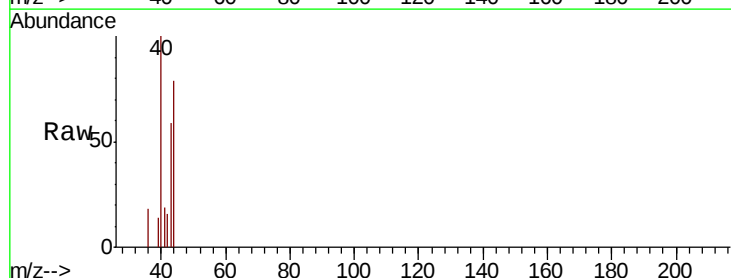
Acq: 10 Dec 2018 13:23

Tgt Ion: 43 Resp: 2502

Ion Ratio Lower Upper

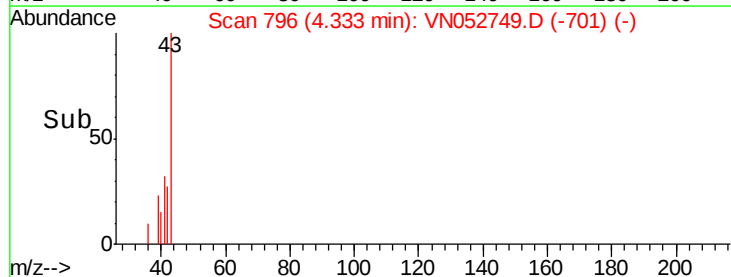
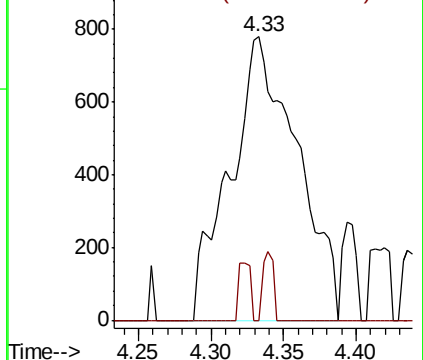
43 100

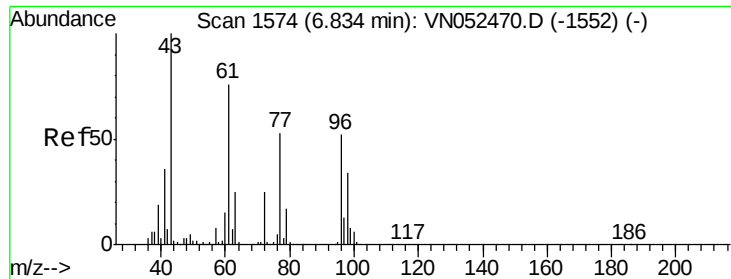
74 4.0 18.6 27.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#25

2-Butanone

Concen: 0.334 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

Instrument :

MSVOA_N

ClientSampleId :

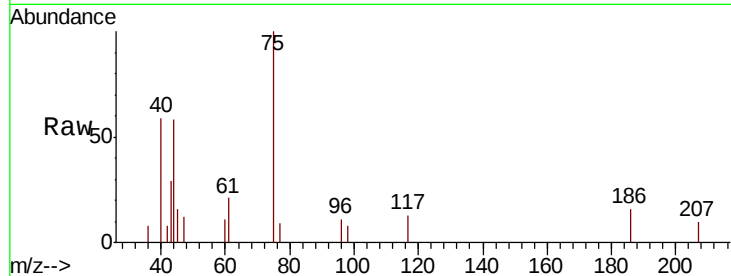
OILY-SOIL

Tot Ion: 43 Resp: 1658

Ion Ratio Lower Upper

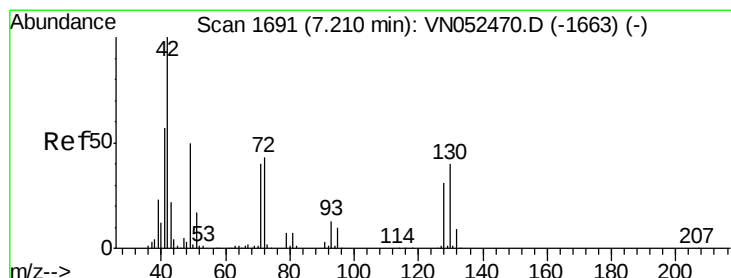
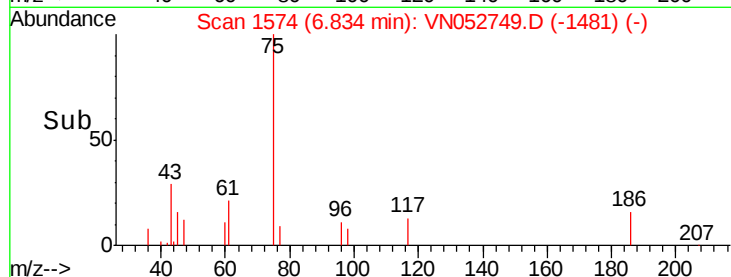
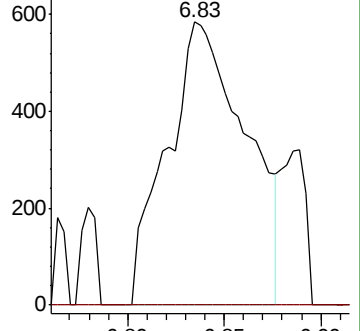
43 100

72 0.0 20.1 30.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 0.200 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

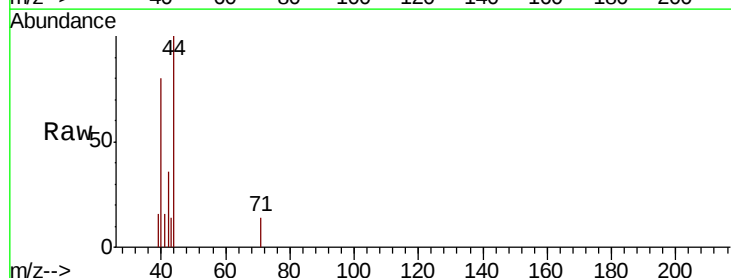
Tgt Ion: 42 Resp: 641

Ion Ratio Lower Upper

42 100

72 4.8 33.3 49.9#

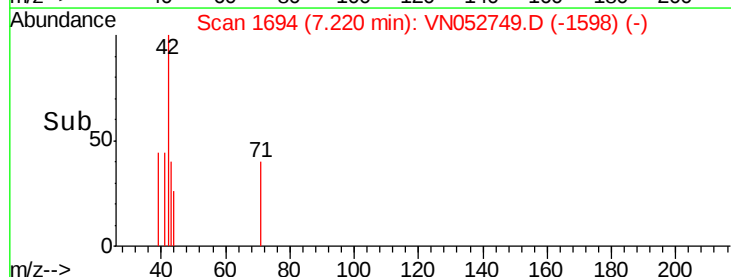
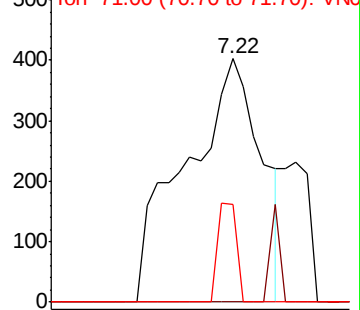
71 9.8 32.0 48.0#

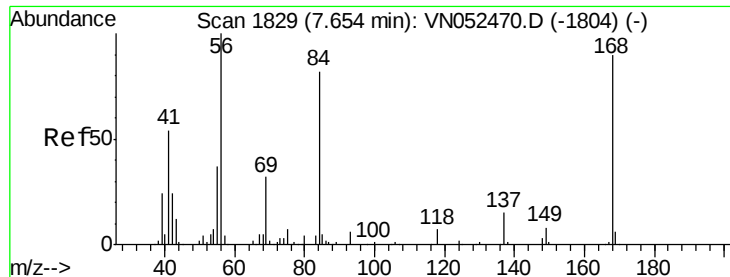


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#31

Cyclohexane

Concen: 1.785 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

Instrument :

MSVOA_N

ClientSampleId :

OILY-SOIL

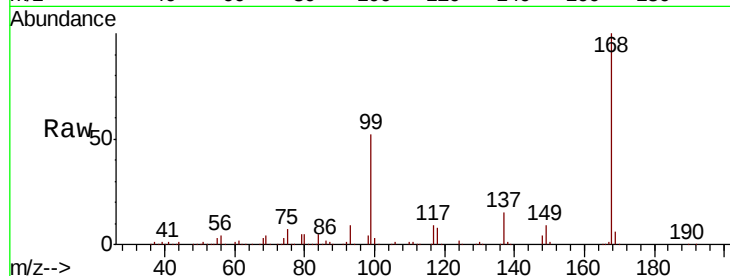
Tot Ion: 56 Resp: 48797

Ion Ratio Lower Upper

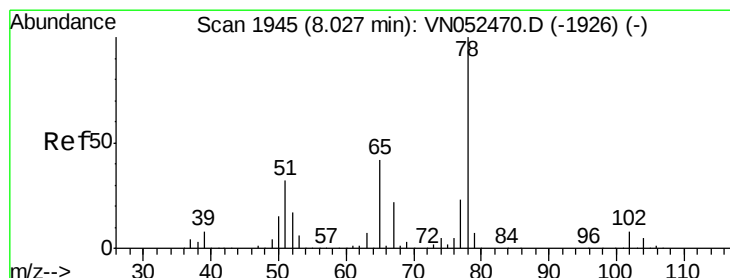
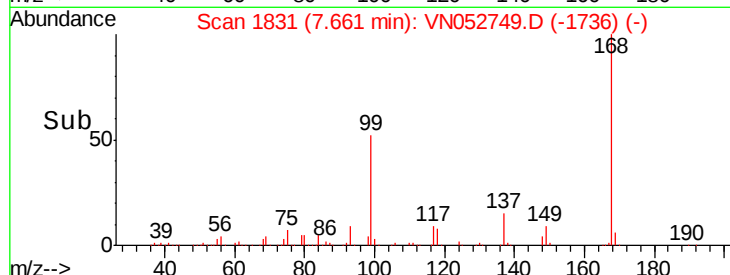
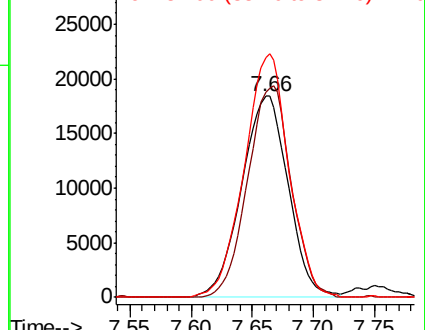
56 100

69 102.1 25.8 38.6#

84 119.0 65.3 97.9#



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: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052749.D

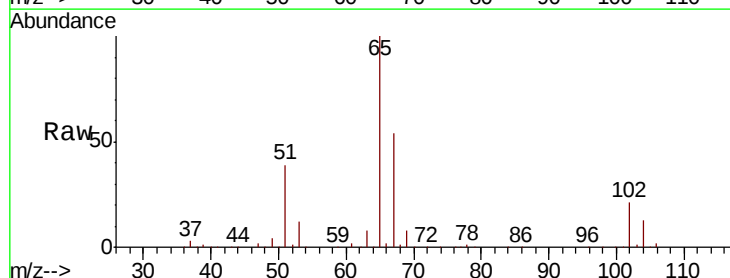
Acq: 10 Dec 2018 13:23

Tgt Ion: 65 Resp: 624908

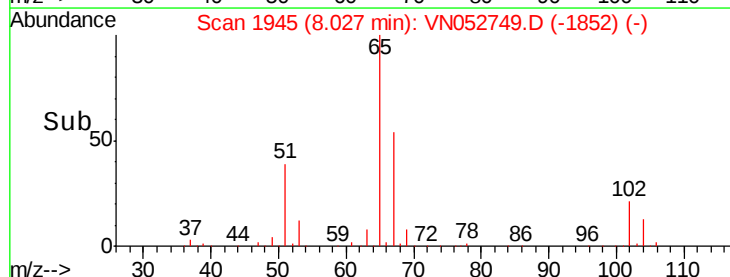
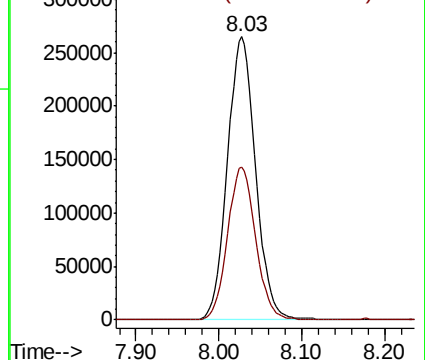
Ion Ratio Lower Upper

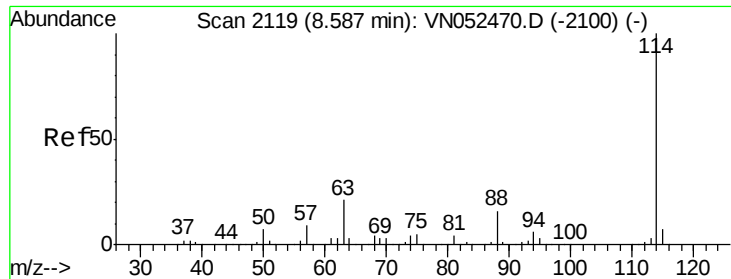
65 100

67 53.8 0.0 109.8



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

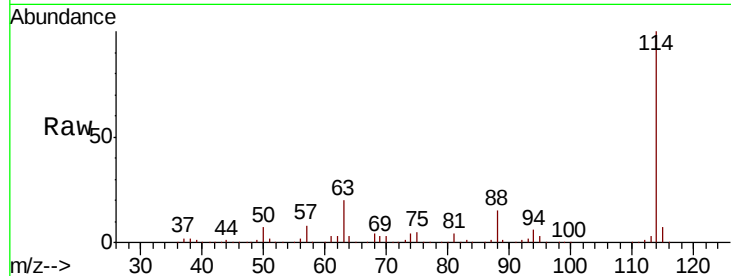




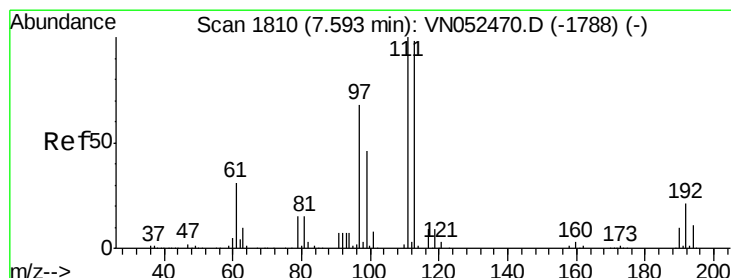
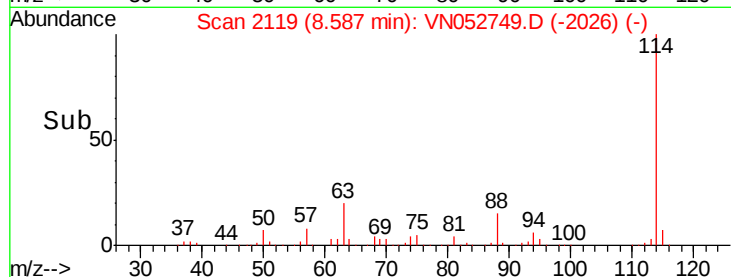
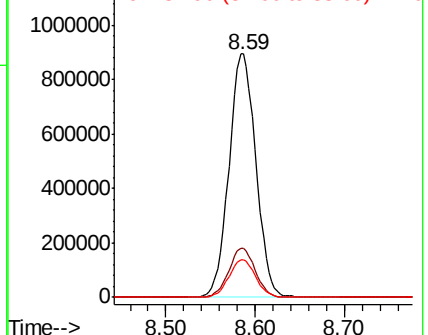
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052749.D
Acq: 10 Dec 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
OILY-SOIL

Tot Ion:114 Resp: 1866706
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.8
88 15.5 0.0 31.6

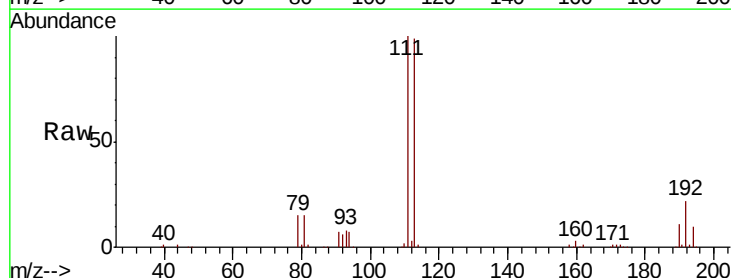


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

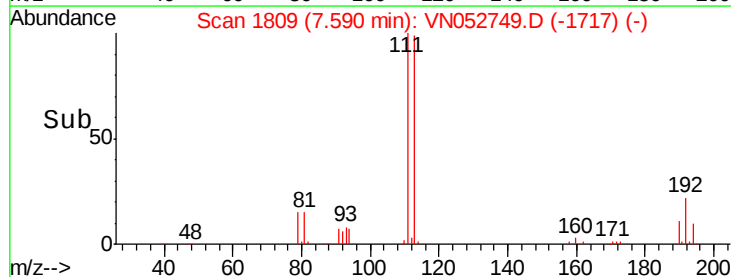
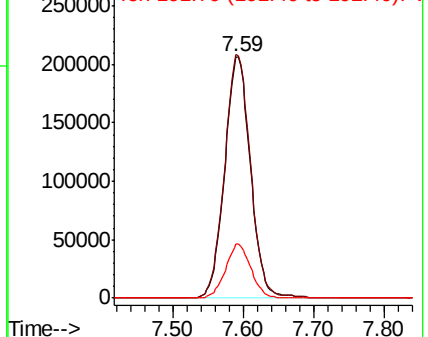


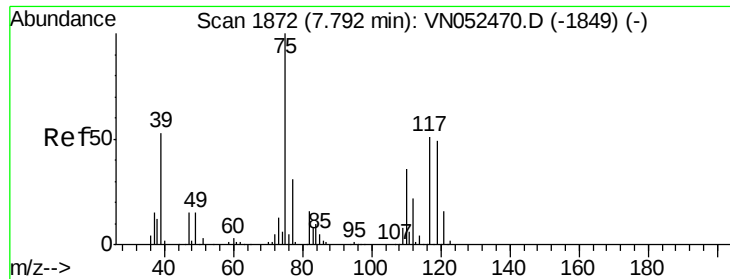
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052749.D
Acq: 10 Dec 2018 13:23

Tgt Ion:113 Resp: 527332
Ion Ratio Lower Upper
113 100
111 101.8 82.0 123.0
192 22.1 17.0 25.6



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: 4.590 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

Instrument :

MSVOA_N

ClientSampled :

OILY-SOIL

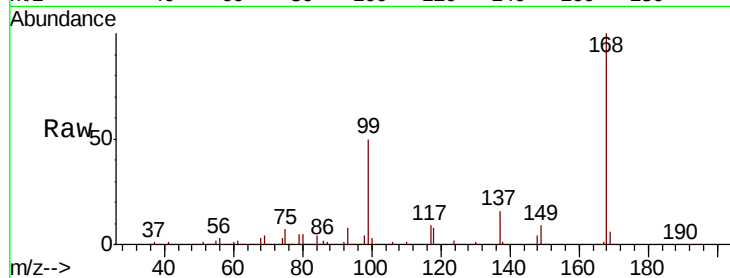
Tot Ion: 75 Resp: 80906

Ion Ratio Lower Upper

75 100

110 8.3 17.5 52.6#

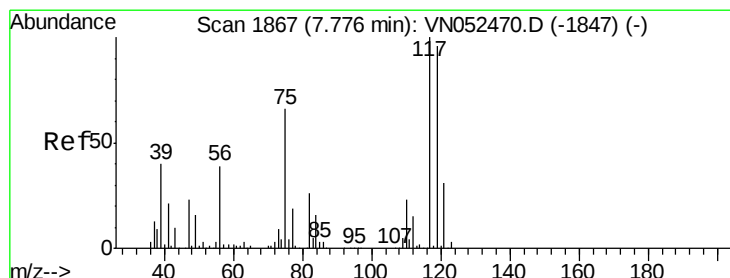
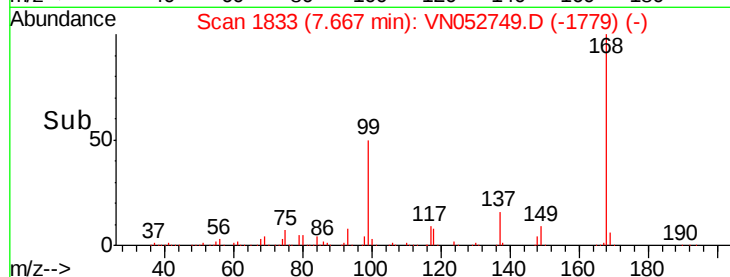
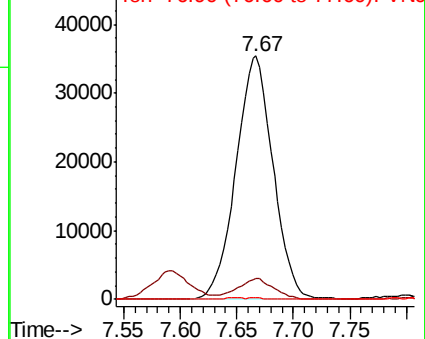
77 0.2 24.5 36.7#



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: 6.711 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

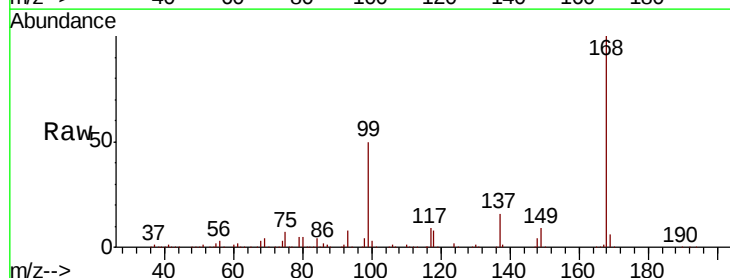
Tgt Ion: 117 Resp: 107090

Ion Ratio Lower Upper

117 100

119 4.4 76.8 115.2#

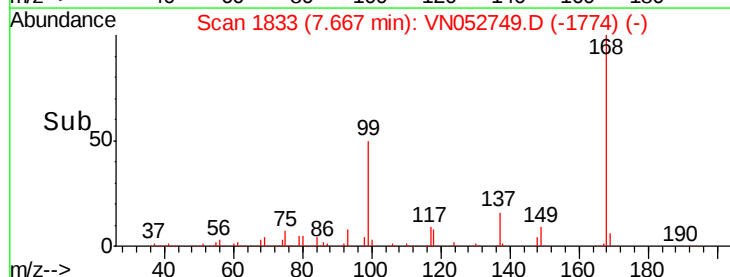
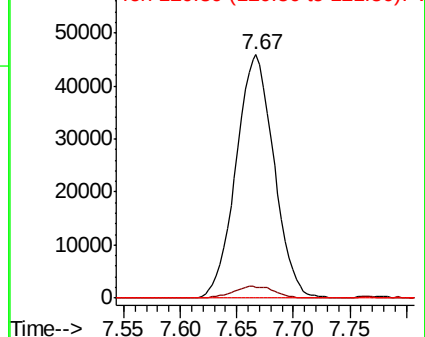
121 0.0 24.9 37.3#

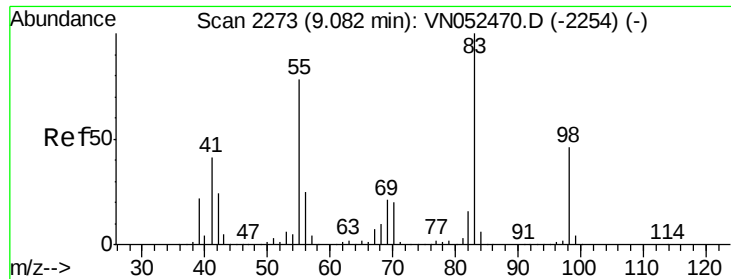


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

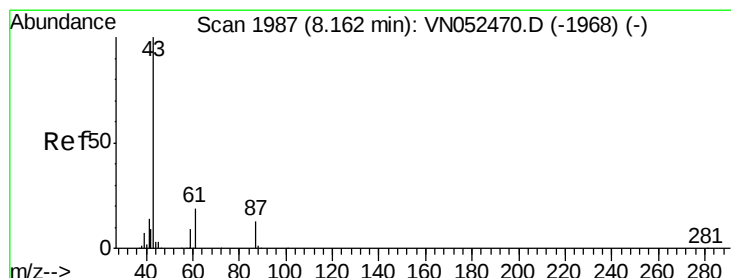
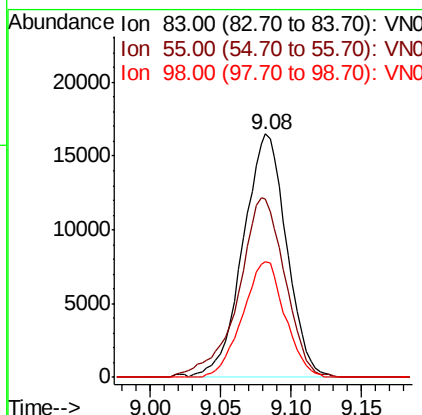
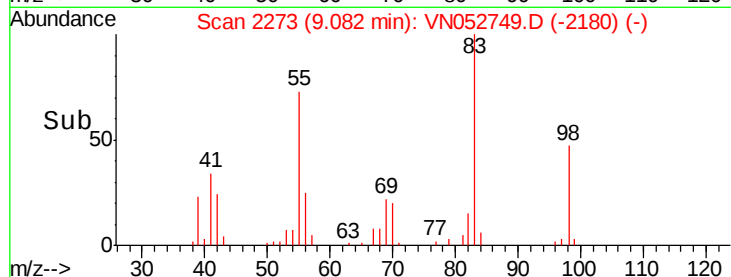
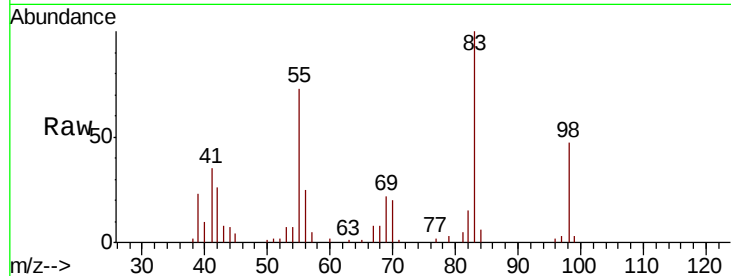




#39
Methvlcvclohexane
Concen: 1.659 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052749.D
Acq: 10 Dec 2018 13:23

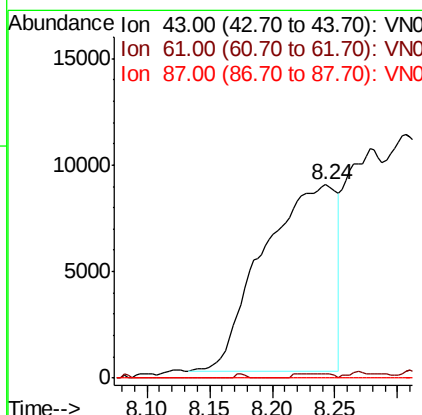
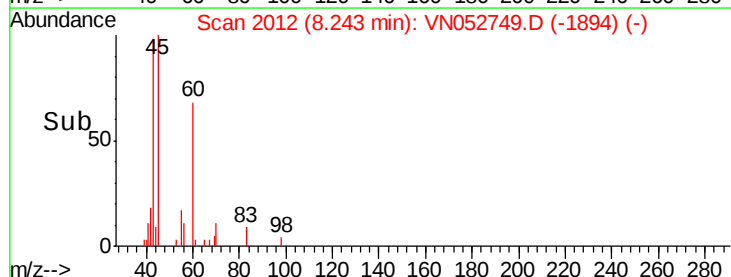
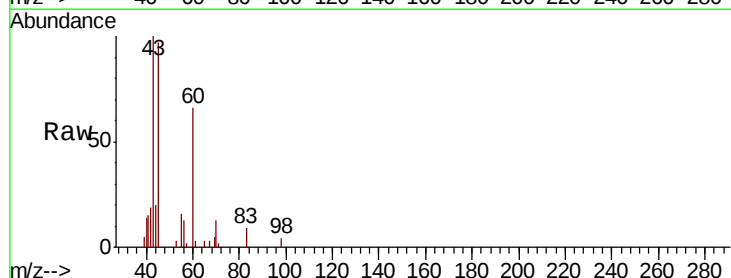
Instrument :
MSVOA_N
ClientSampled :
OILY-SOIL

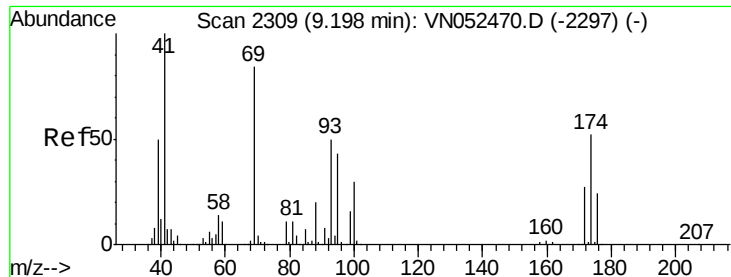
Tot Ion: 83 Resp: 35553
Ion Ratio Lower Upper
83 100
55 73.0 62.2 93.2
98 47.3 36.4 54.6



#43
Isopropyl Acetate
Concen: 1.943 ug/l
RT: 8.24 min Scan# 2012
Delta R.T. 0.08 min
Lab File: VN052749.D
Acq: 10 Dec 2018 13:23

Tgt Ion: 43 Resp: 35374
Ion Ratio Lower Upper
43 100
61 1.2 24.1 36.1#
87 0.0 10.6 15.8#

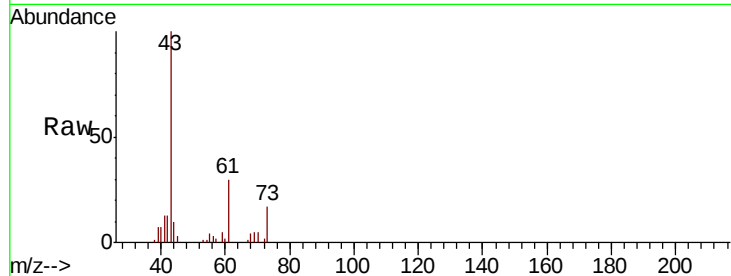




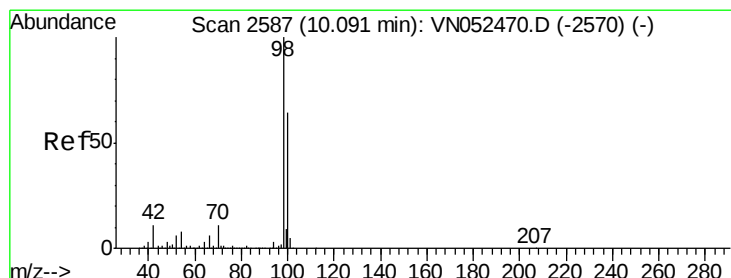
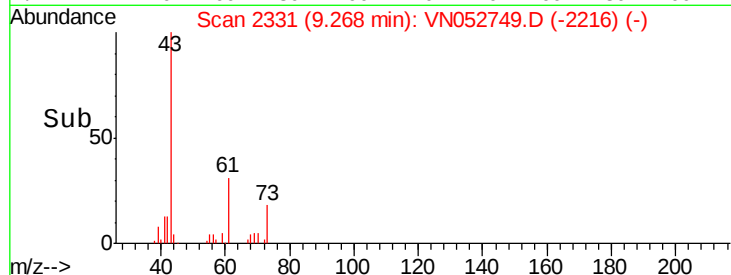
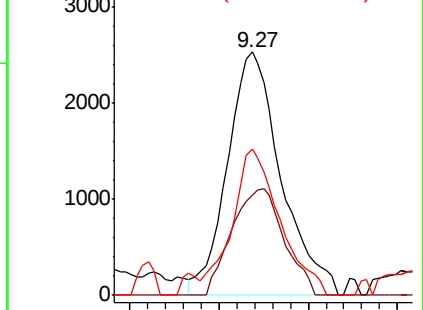
#48
Methvl methacrylate
Concen: 0.560 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN052749.D
Acq: 10 Dec 2018 13:23

Instrument :
MSVOA_N
ClientSampled :
OILY-SOIL

Tot Ion: 41 Resp: 5315
Ion Ratio Lower Upper
41 100
69 42.5 70.0 105.0#
39 53.5 42.6 64.0

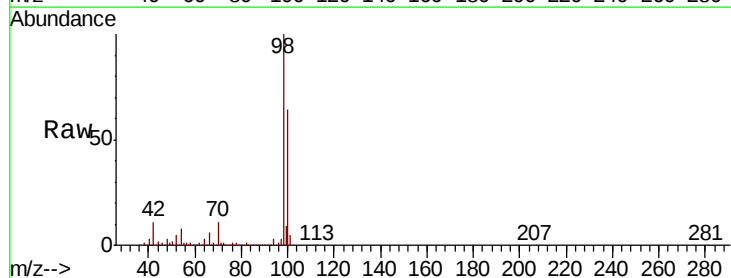


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

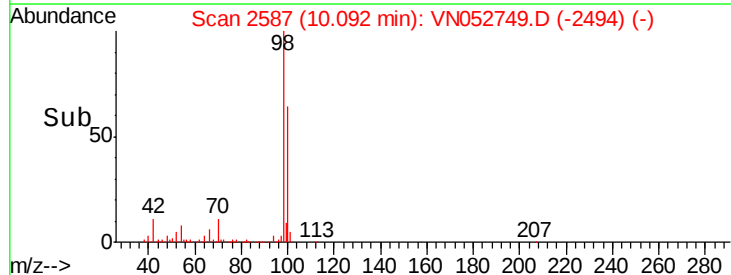
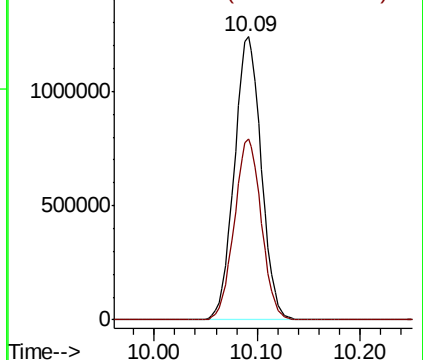


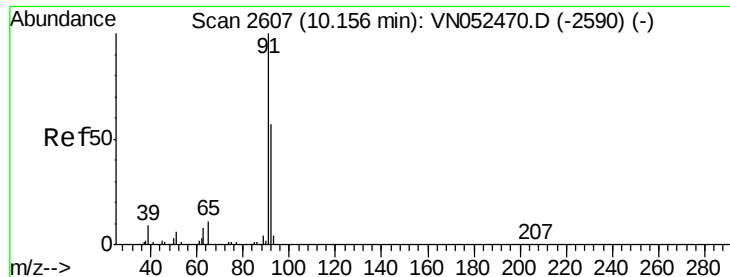
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052749.D
Acq: 10 Dec 2018 13:23

Tgt Ion: 98 Resp: 2253696
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VNO
Ion 100.00 (99.70 to 100.70): VNO





#52

Toluene

Concen: 0.727 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

Instrument :

MSVOA_N

ClientSampled :

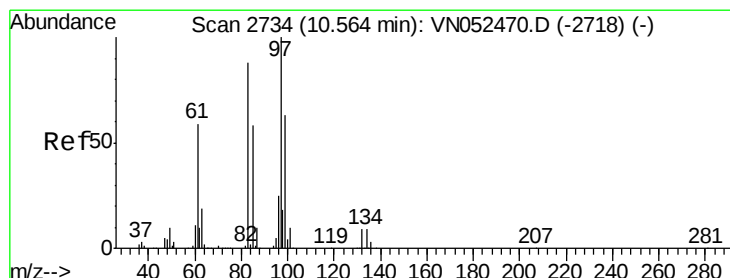
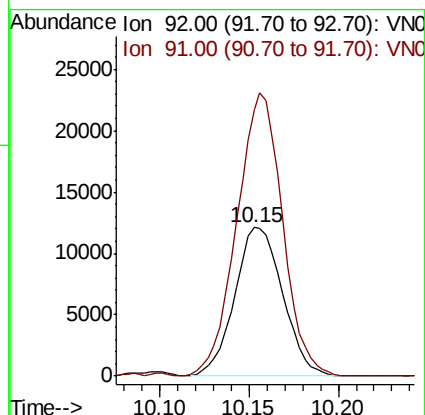
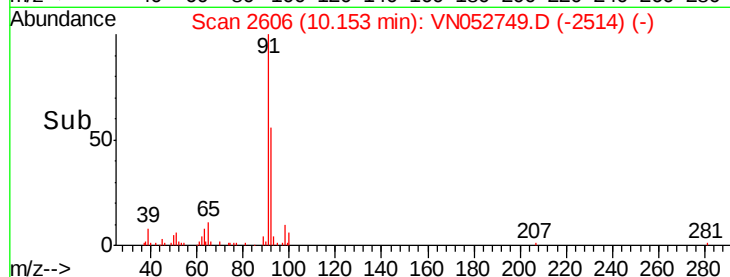
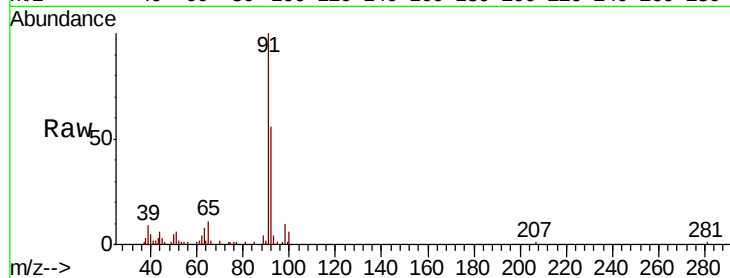
OILY-SOIL

Tot Ion: 92 Resp: 22678

Ion Ratio Lower Upper

92 100

91 181.9 141.0 211.4



#55

1,1,2-Trichloroethane

Concen: 0.235 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

Tgt Ion: 97 Resp: 2580

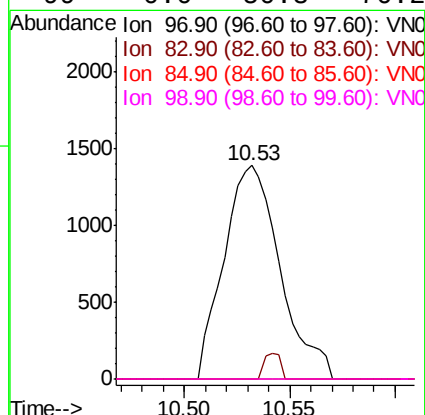
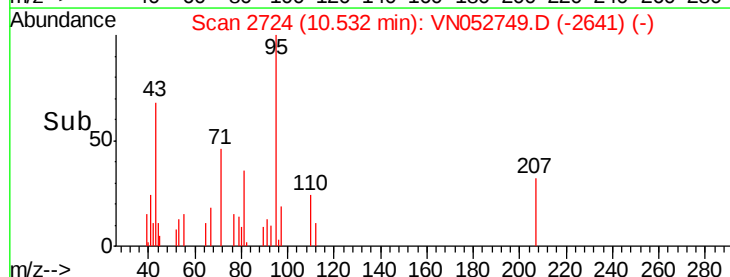
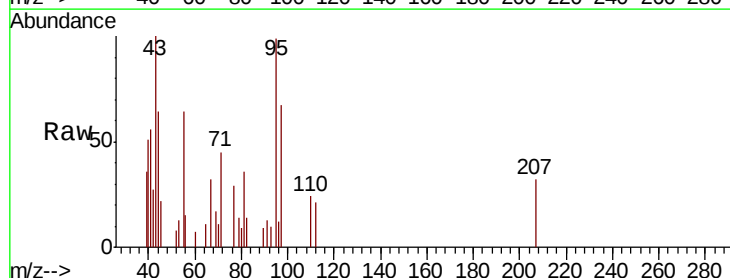
Ion Ratio Lower Upper

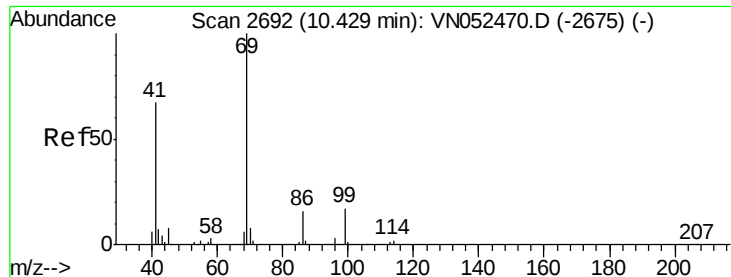
97 100

83 0.0 70.7 106.1#

85 0.0 46.1 69.1#

99 0.0 50.8 76.2#





#56

Ethyl methacrylate

Concen: 2.772 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

Instrument :

MSVOA_N

ClientSampled :

OILY-SOIL

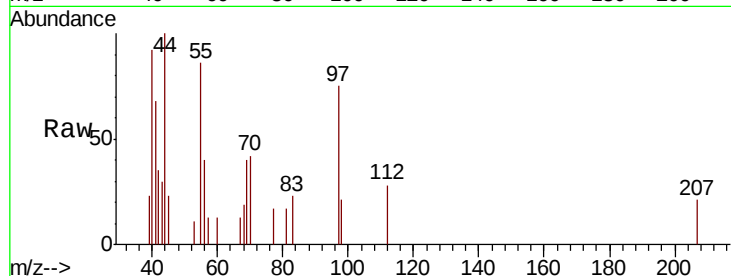
Tot Ion: 69 Resp: 1266

Ion Ratio Lower Upper

69 100

41 0.0 52.6 79.0#

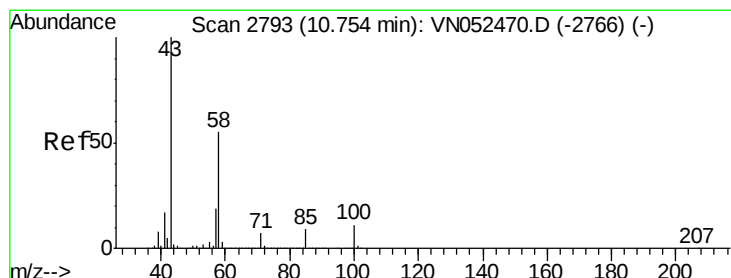
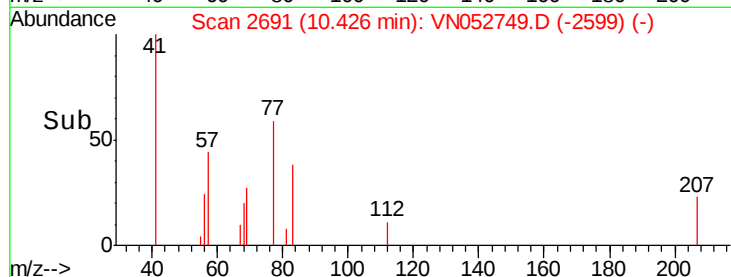
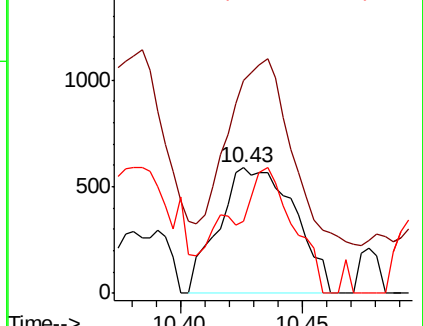
39 17.9 25.9 38.9#



Abundance Ion 69.00 (68.70 to 69.70): VN052470.D (-2675) (-)

Ion 41.00 (40.70 to 41.70): VN052470.D (-2675) (-)

Ion 39.00 (38.70 to 39.70): VN052470.D (-2675) (-)



#59

2-Hexanone

Concen: 0.771 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN052749.D

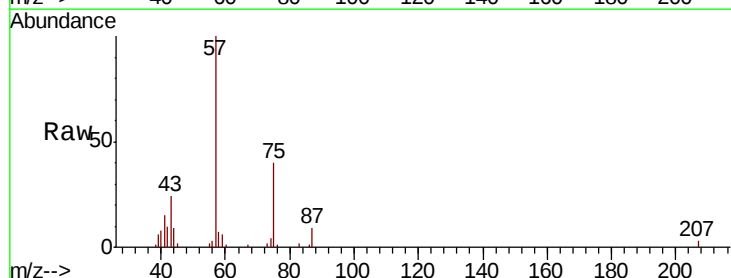
Acq: 10 Dec 2018 13:23

Tgt Ion: 43 Resp: 5283

Ion Ratio Lower Upper

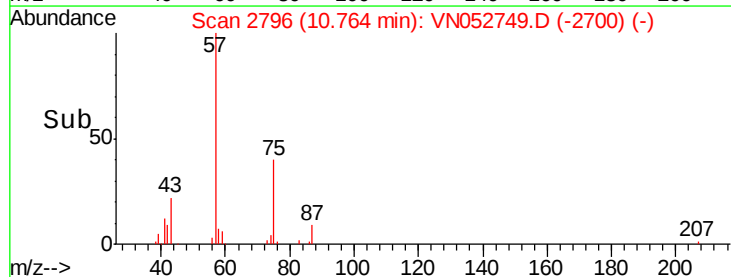
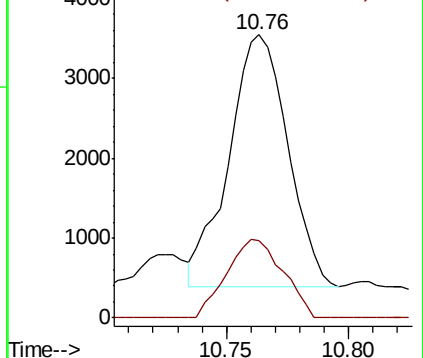
43 100

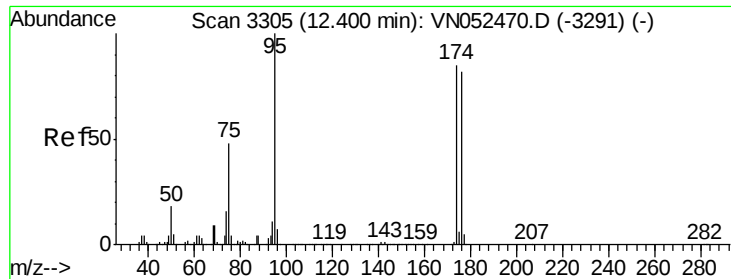
58 29.8 27.4 82.0



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-2766) (-)

Ion 58.00 (57.70 to 58.70): VN052470.D (-2766) (-)





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

Instrument :

MSVOA_N

ClientSampleId :

OILY-SOIL

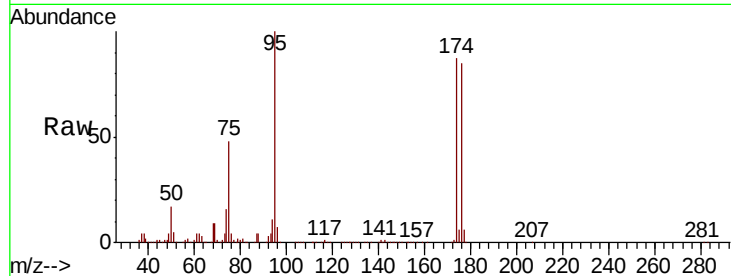
Tot Ion: 95 Resp: 701239

Ion Ratio Lower Upper

95 100

174 88.3 0.0 173.0

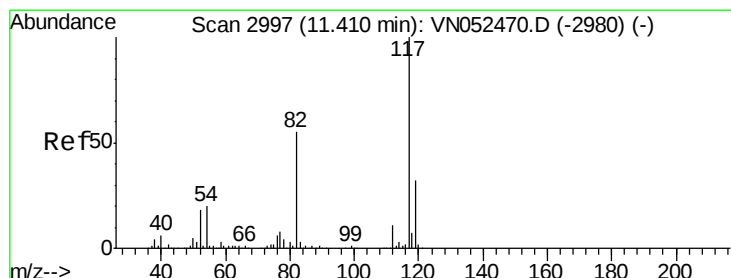
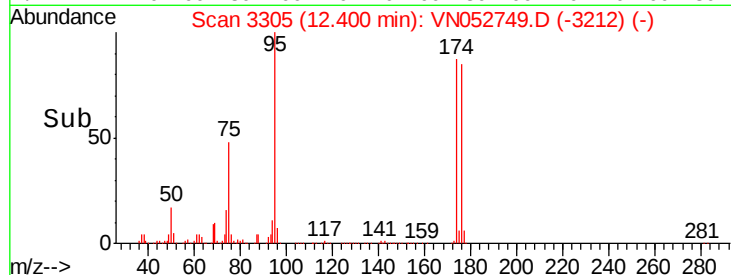
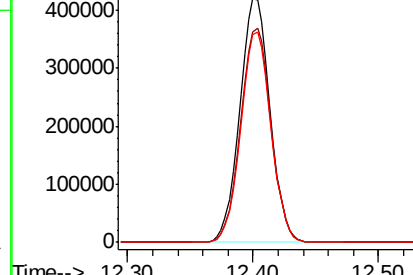
176 85.9 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VN052749.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052749.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052749.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

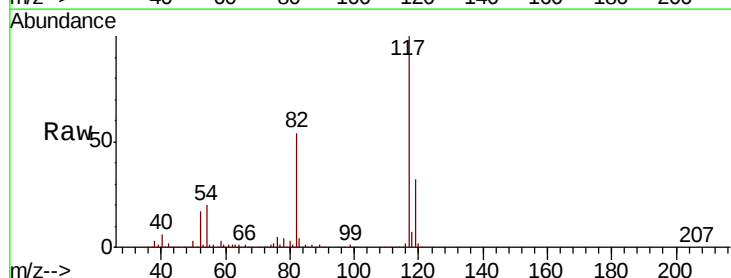
Tgt Ion: 117 Resp: 1600089

Ion Ratio Lower Upper

117 100

82 53.6 43.6 65.4

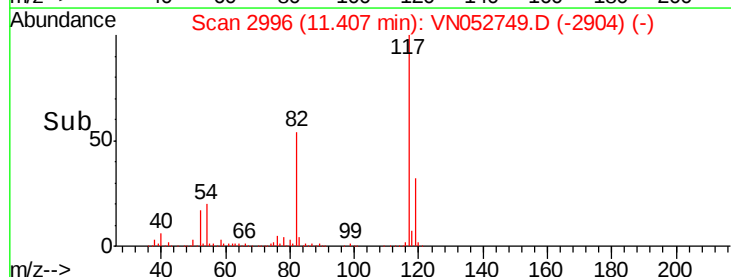
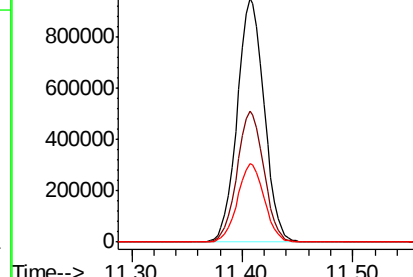
119 32.0 25.4 38.2

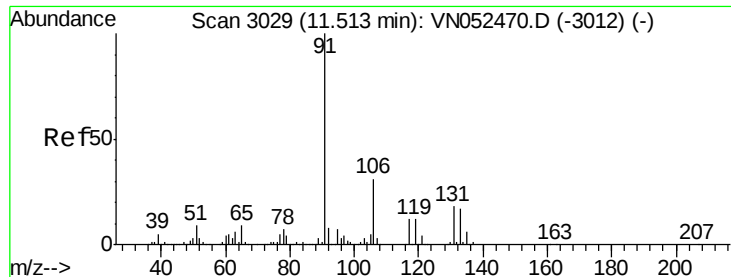


Abundance Ion 116.90 (116.60 to 117.60): VN052749.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052749.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052749.D (-2980) (-)





#67

Ethyl Benzene

Concen: 0.396 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

Instrument :

MSVOA_N

ClientSampled :

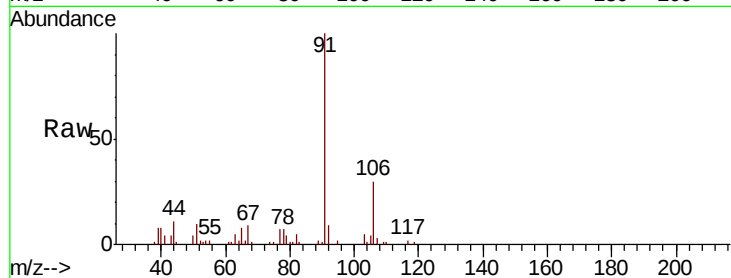
OILY-SOIL

Tot Ion: 91 Resp: 22864

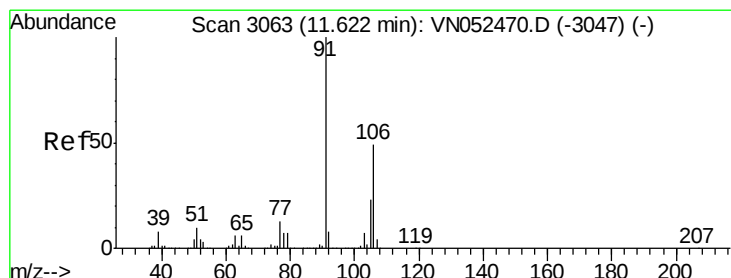
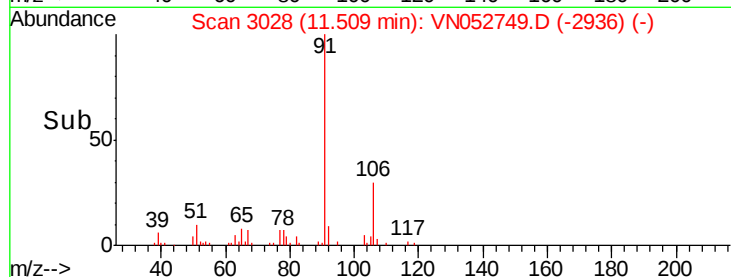
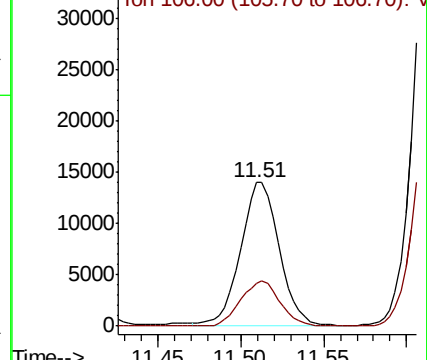
Ion Ratio Lower Upper

91 100

106 29.8 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VN052470.D (-3012) (-)



#68

m/p-Xylenes

Concen: 4.111 ug/l

RT: 11.63 min Scan# 3064

Delta R.T. 0.00 min

Lab File: VN052749.D

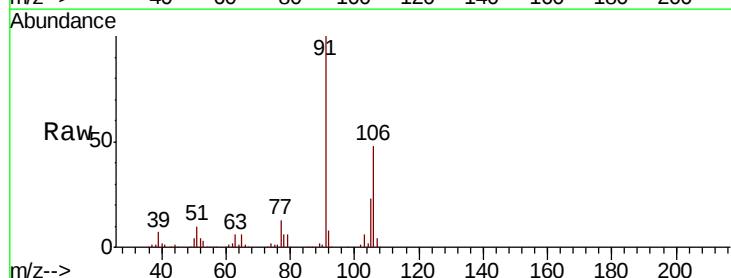
Acq: 10 Dec 2018 13:23

Tgt Ion: 106 Resp: 88417

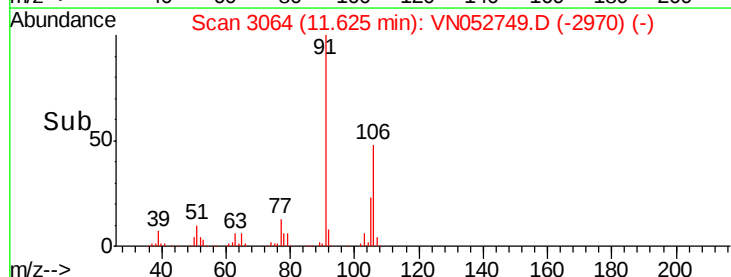
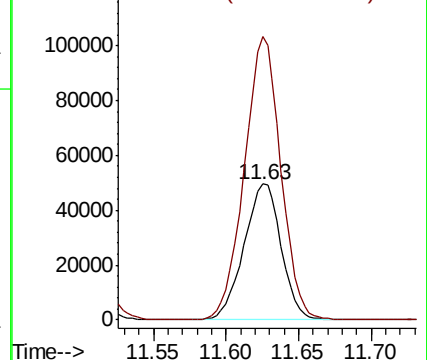
Ion Ratio Lower Upper

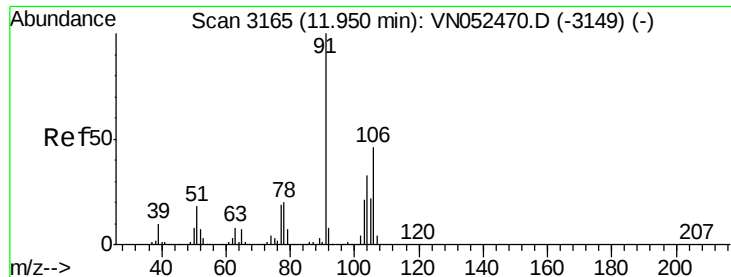
106 100

91 204.3 163.2 244.8



Abundance Ion 106.00 (105.70 to 106.70): VN052470.D (-3047) (-)

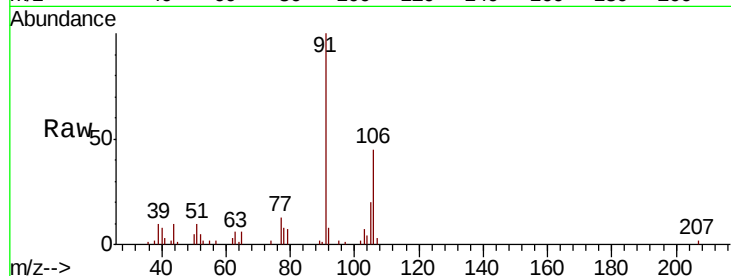




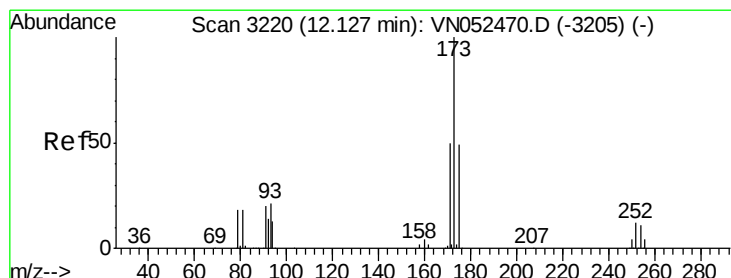
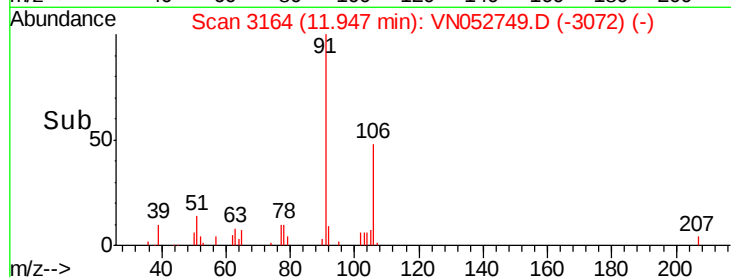
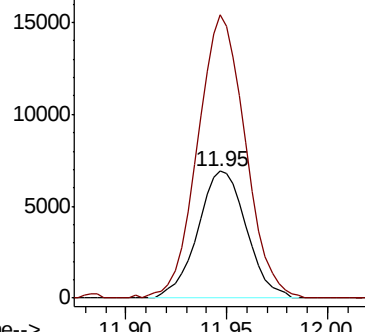
#69
o-Xylene
Concen: 0.558 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052749.D
Acq: 10 Dec 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
OILY-SOIL

Tot Ion:106 Resp: 11652
Ion Ratio Lower Upper
106 100
91 218.8 107.7 323.1

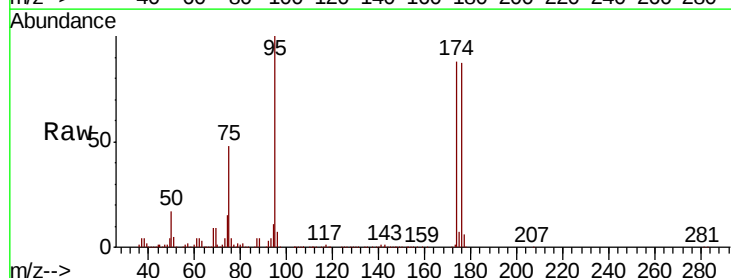


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

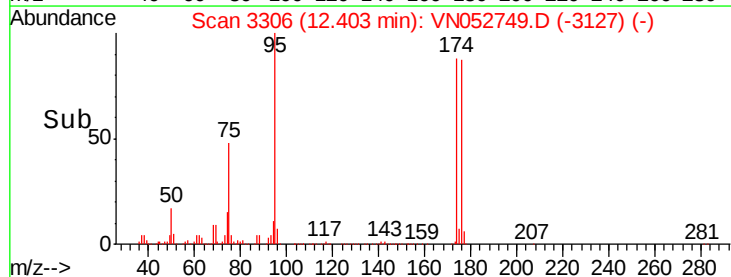
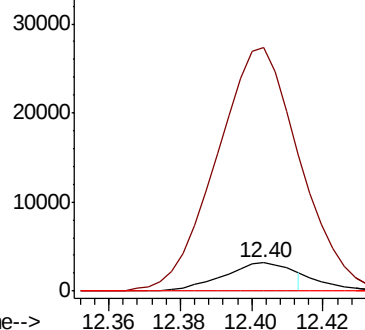


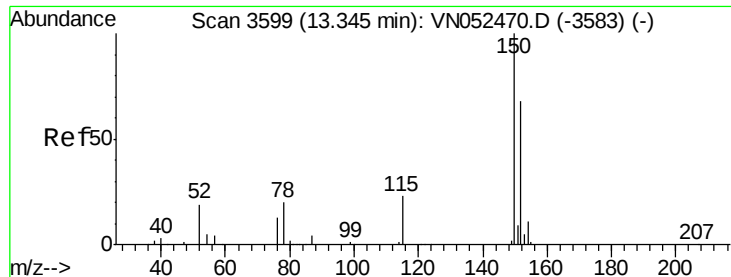
#71
Bromoform
Concen: 0.560 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052749.D
Acq: 10 Dec 2018 13:23

Tgt Ion:173 Resp: 4253
Ion Ratio Lower Upper
173 100
175 908.5 24.4 73.2#
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

Instrument :

MSVOA_N

ClientSampleId :

OILY-SOIL

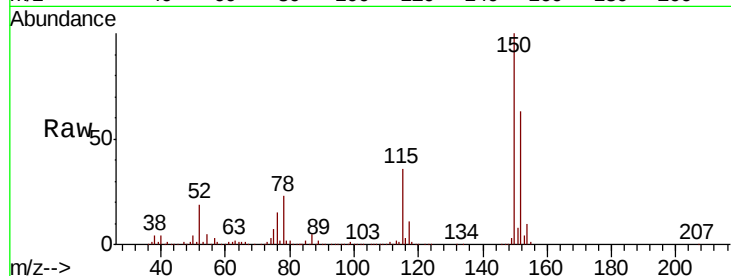
Tot Ion:152 Resp: 621151

Ion Ratio Lower Upper

152 100

115 55.9 28.4 85.2

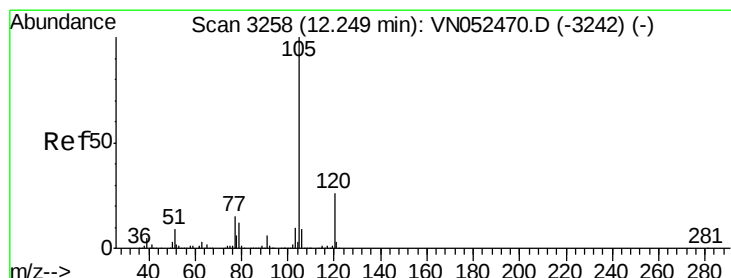
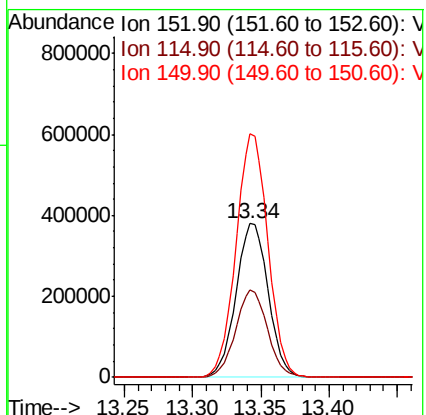
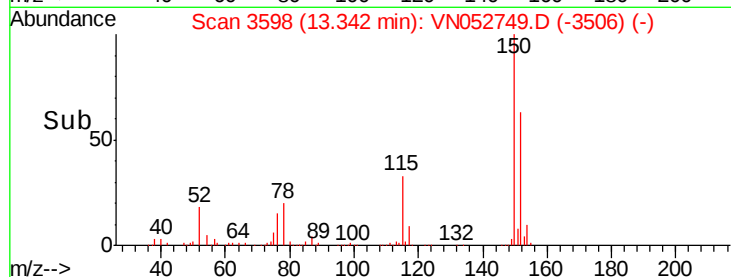
150 156.5 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.322 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052749.D

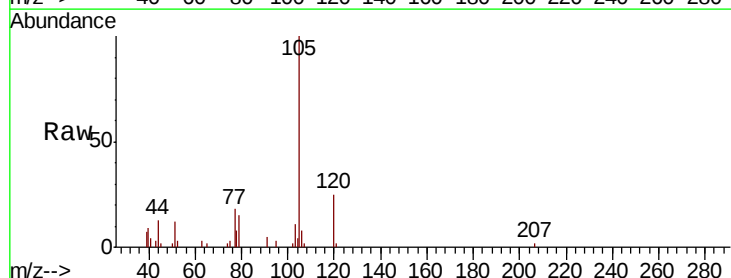
Acq: 10 Dec 2018 13:23

Tgt Ion:105 Resp: 15694

Ion Ratio Lower Upper

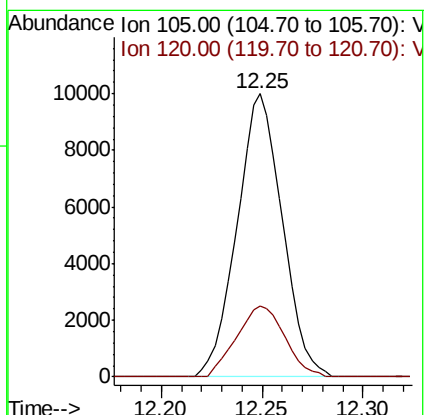
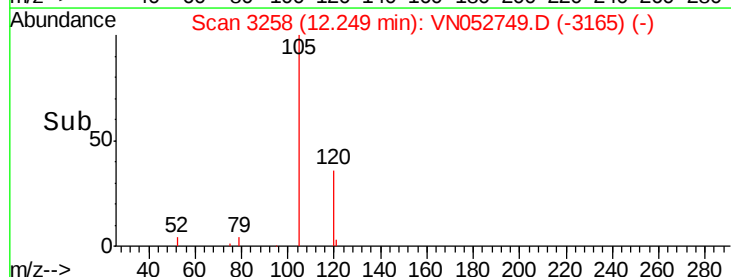
105 100

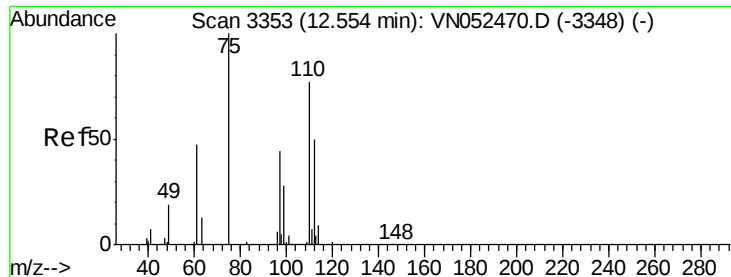
120 26.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 35.000 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

Instrument :

MSVOA_N

ClientSampled :

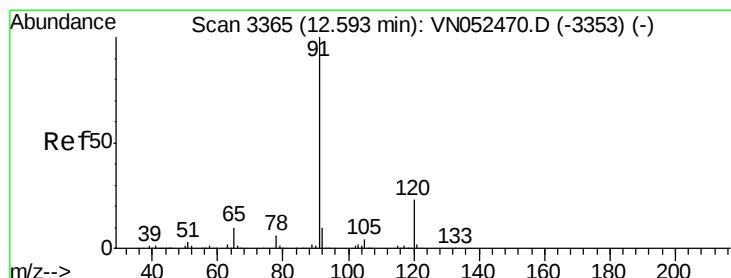
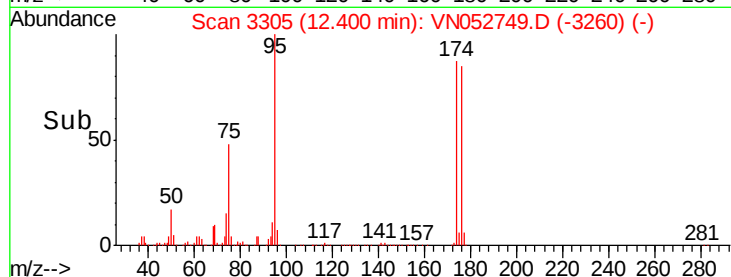
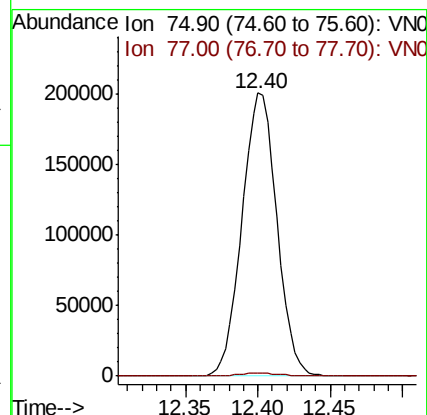
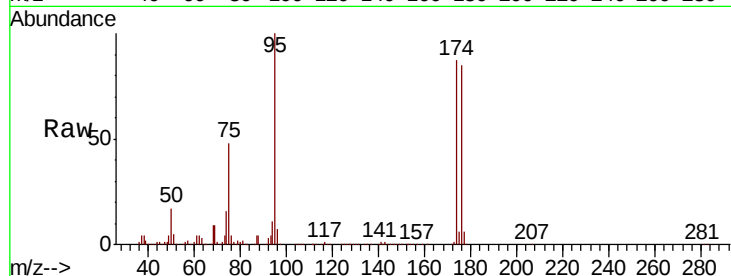
OILY-SOIL

Tot Ion: 75 Resp: 335247

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#78

n-propylbenzene

Concen: 0.333 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052749.D

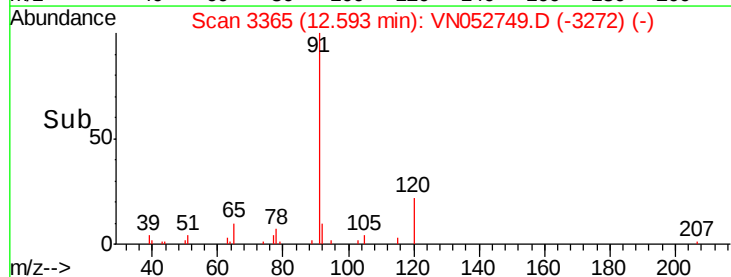
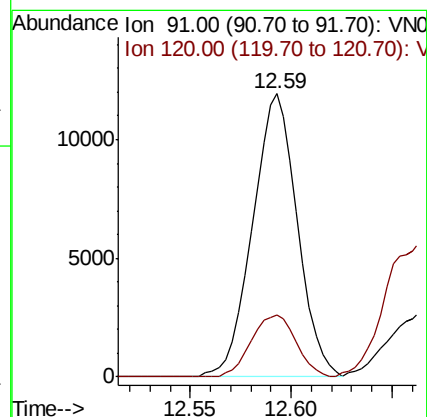
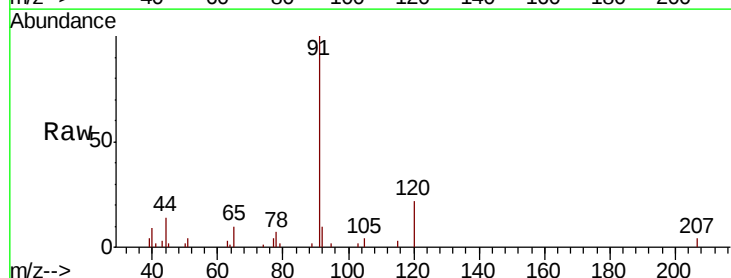
Acq: 10 Dec 2018 13:23

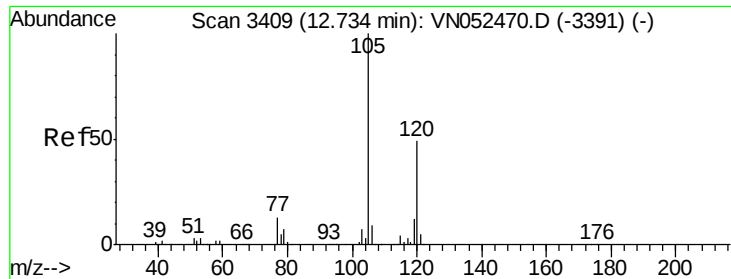
Tgt Ion: 91 Resp: 18454

Ion Ratio Lower Upper

91 100

120 22.0 11.3 33.9

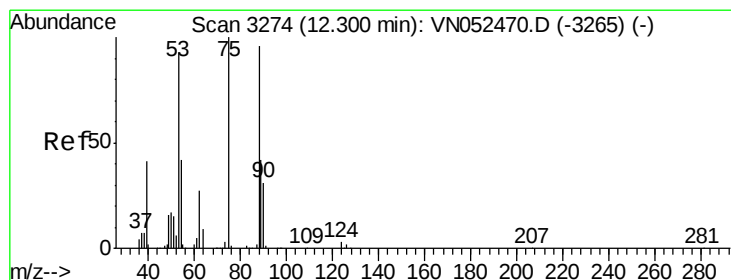
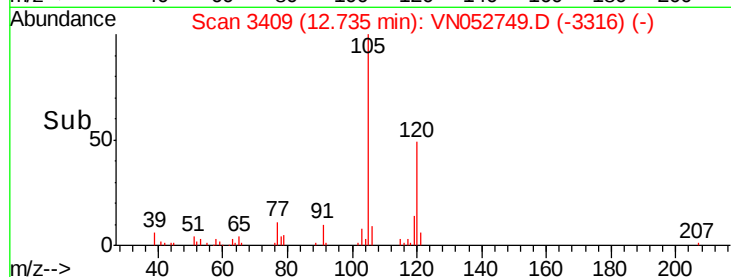
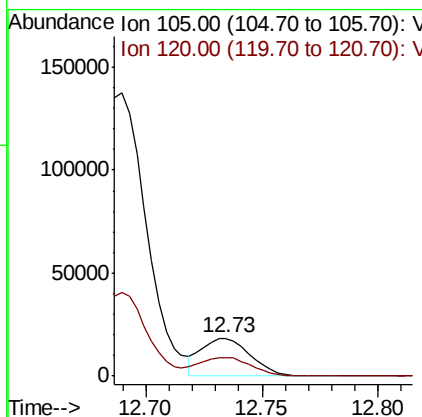
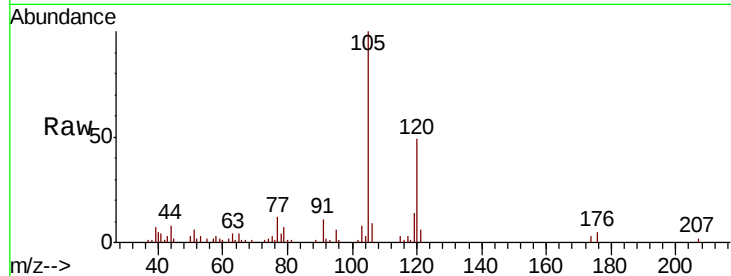




#80
 1,3,5-Trimethylbenzene
 Concen: 0.699 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052749.D
 Acq: 10 Dec 2018 13:23

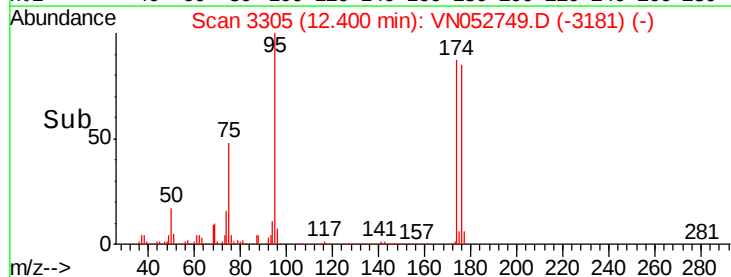
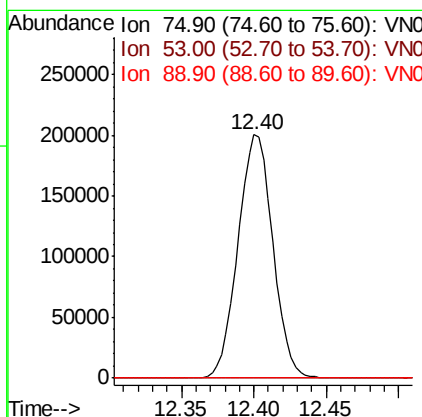
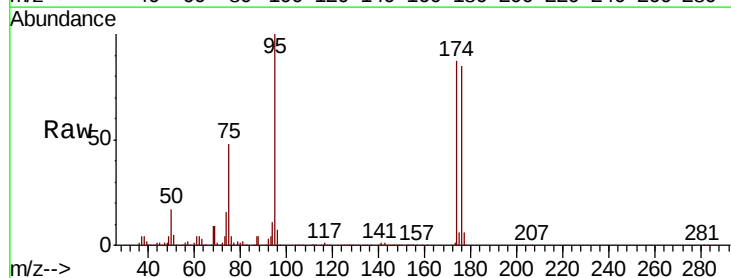
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-SOIL

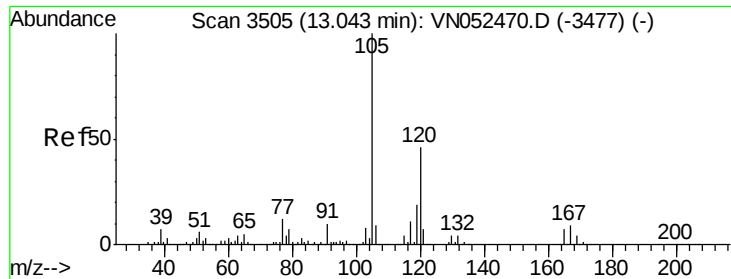
Tot Ion:105 Resp: 27161
 Ion Ratio Lower Upper
 105 100
 120 53.1 24.3 73.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.883 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN052749.D
 Acq: 10 Dec 2018 13:23

Tgt Ion: 75 Resp: 335247
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.4 116.0#
 89 0.0 35.4 53.2#

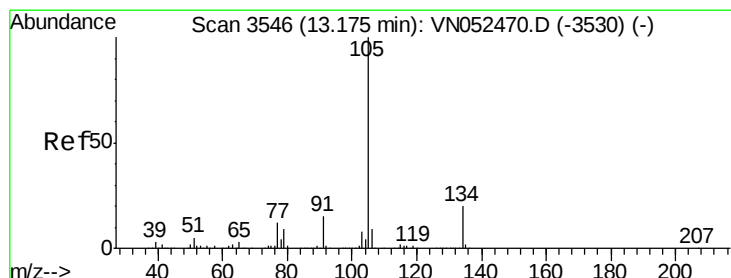
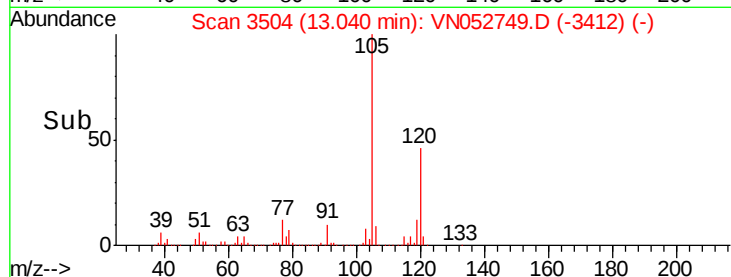
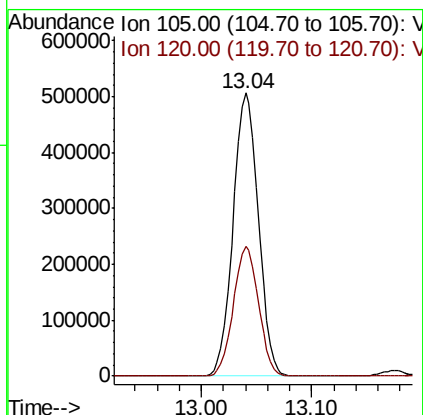
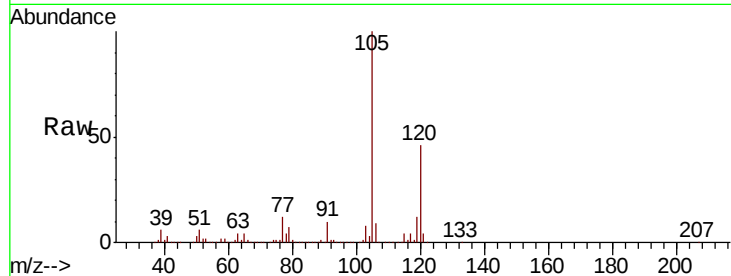




#84
 1,2,4-Trimethylbenzene
 Concen: 20.684 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052749.D
 Acq: 10 Dec 2018 13:23

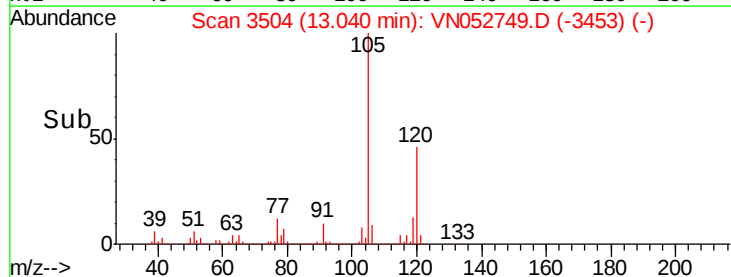
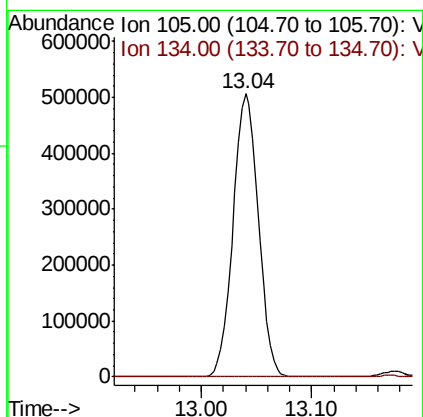
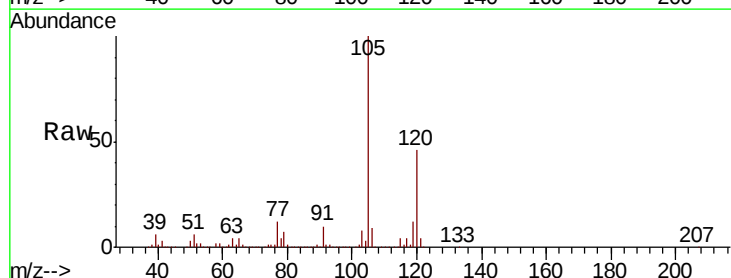
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-SOIL

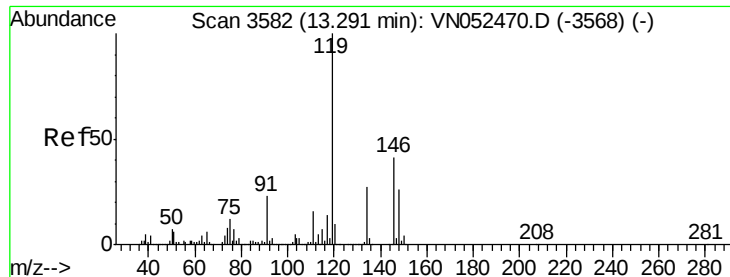
Tot Ion:105 Resp: 805653
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.8 68.4



#85
 sec-Butylbenzene
 Concen: 17.071 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN052749.D
 Acq: 10 Dec 2018 13:23

Tgt Ion:105 Resp: 805653
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.9 29.7#

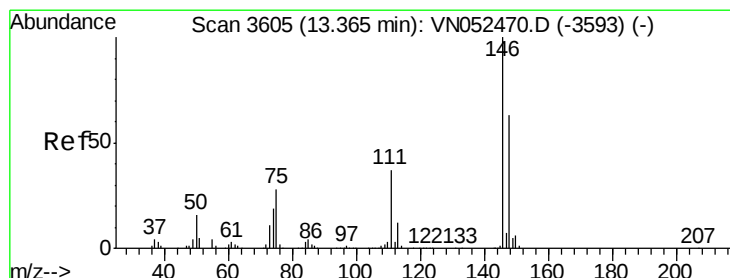
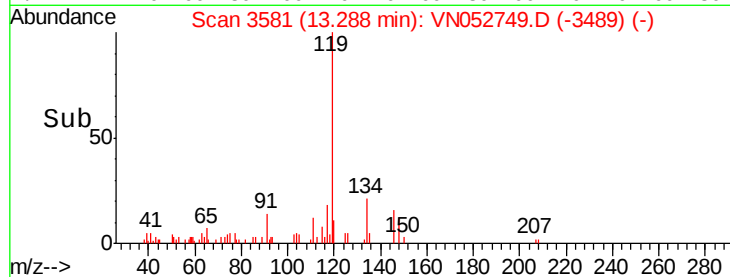
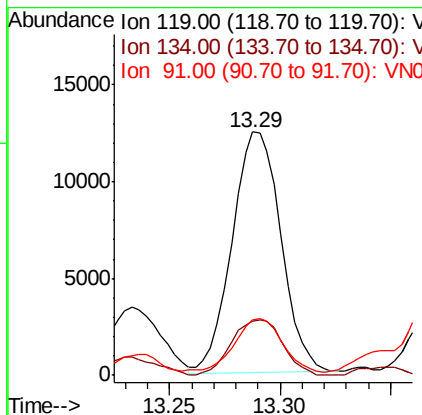
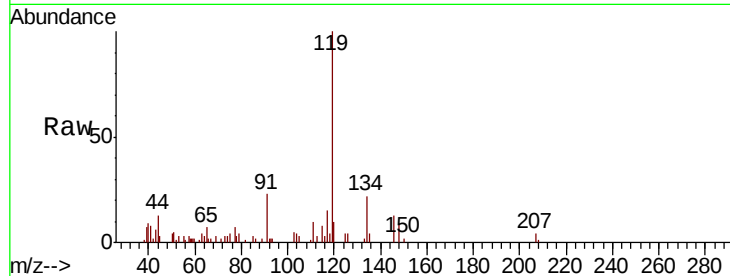




#86
 p-Isopropyltoluene
 Concen: 0.477 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN052749.D
 Acq: 10 Dec 2018 13:23

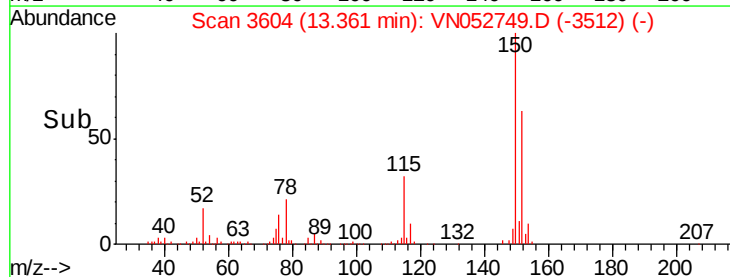
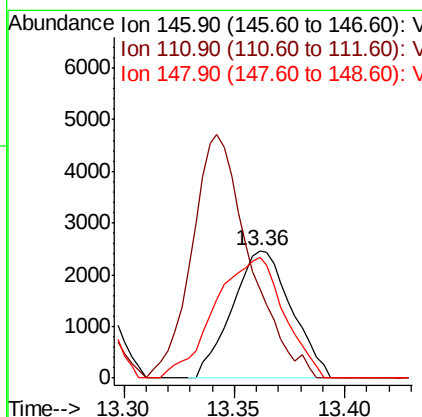
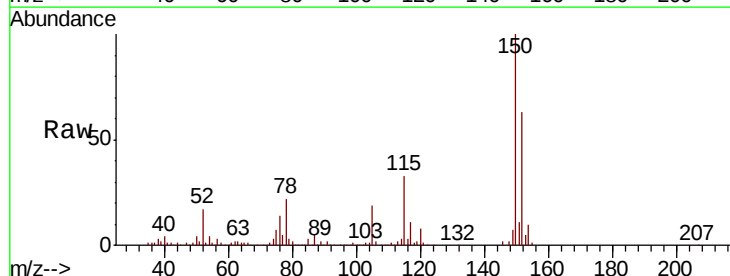
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-SOIL

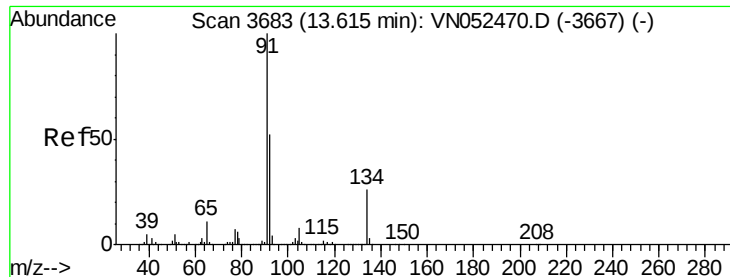
Tot Ion	Ratio	Lower	Upper
119	100		
134	24.1	13.4	40.2
91	21.5	11.4	34.2



#88
 1,4-Dichlorobenzene
 Concen: 0.221 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN052749.D
 Acq: 10 Dec 2018 13:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	185.4	18.6	56.0#
148	110.5	31.9	95.9#





#89

n-Butylbenzene

Concen: 0.317 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

Instrument :

MSVOA_N

ClientSampleId :

OILY-SOIL

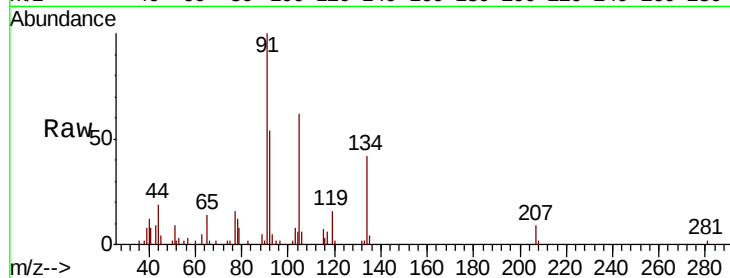
Tot Ion: 91 Resp: 10611

Ion Ratio Lower Upper

91 100

92 83.1 26.1 78.3#

134 0.0 13.0 38.9#

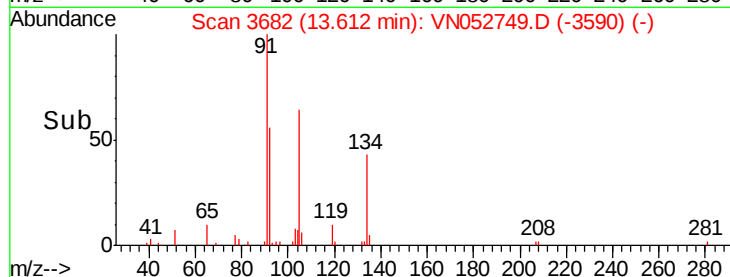


Abundance Ion 91.00 (90.70 to 91.70): VN052470.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN052470.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN052470.D (-3667) (-)

Time-->

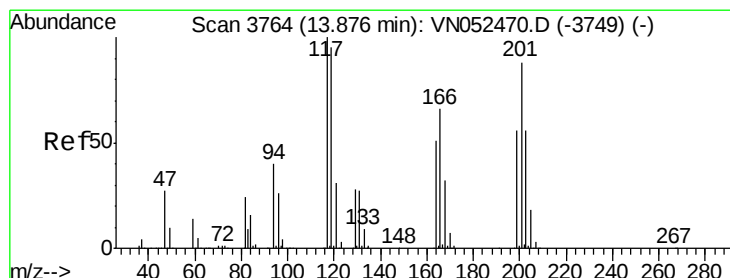


Abundance Ion 91.00 (90.70 to 91.70): VN052749.D (-3590) (-)

Ion 92.00 (91.70 to 92.70): VN052749.D (-3590) (-)

Ion 134.00 (133.70 to 134.70): VN052749.D (-3590) (-)

Time-->



#90

Hexachloroethane

Concen: 2.217 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN052749.D

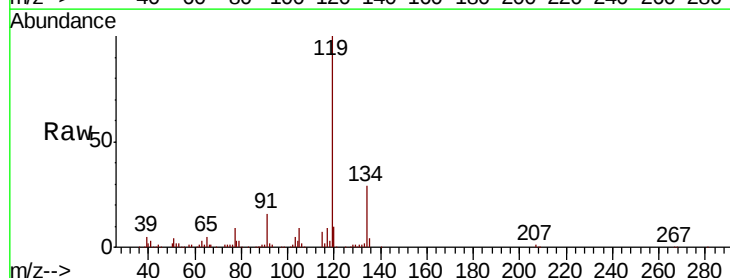
Acq: 10 Dec 2018 13:23

Tgt Ion: 117 Resp: 15091

Ion Ratio Lower Upper

117 100

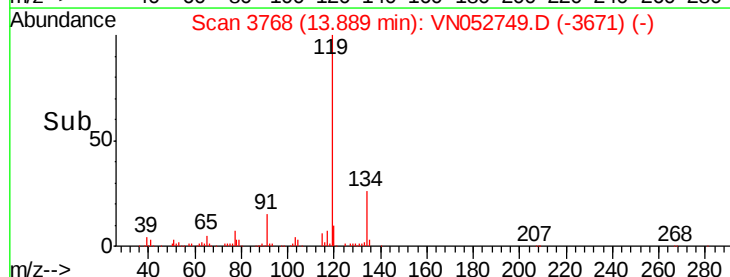
201 0.0 43.6 130.9#



Abundance Ion 116.80 (116.50 to 117.50): VN052470.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052470.D (-3749) (-)

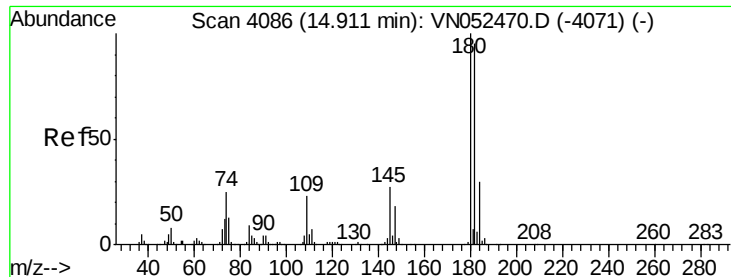
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN052749.D (-3671) (-)

Ion 200.70 (200.40 to 201.40): VN052749.D (-3671) (-)

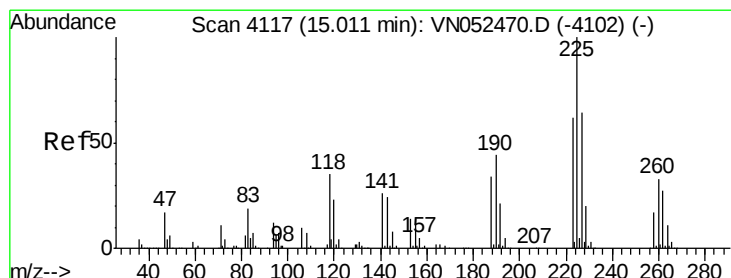
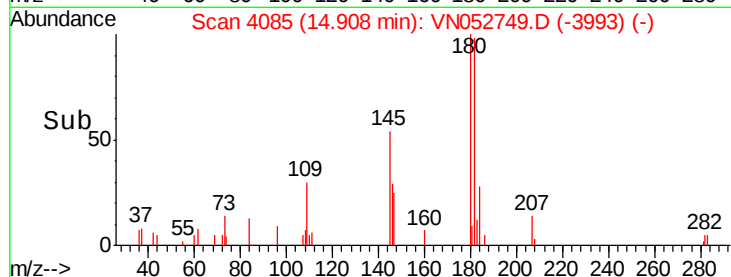
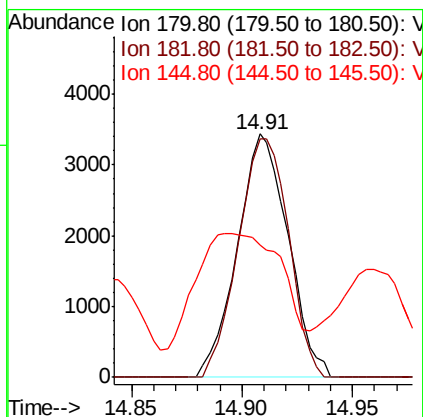
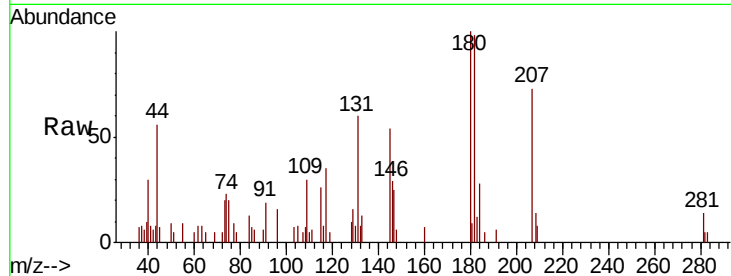
Time-->



#93
 1,2,4-Trichlorobenzene
 Concen: 3.298 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN052749.D
 Acq: 10 Dec 2018 13:23

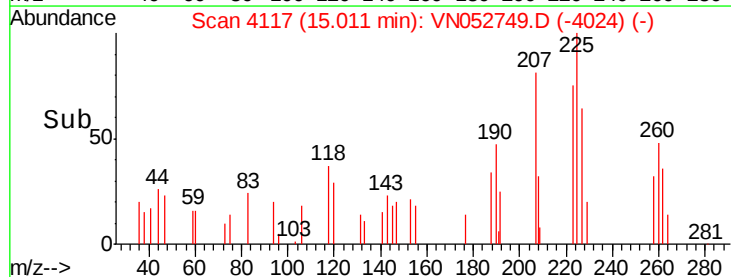
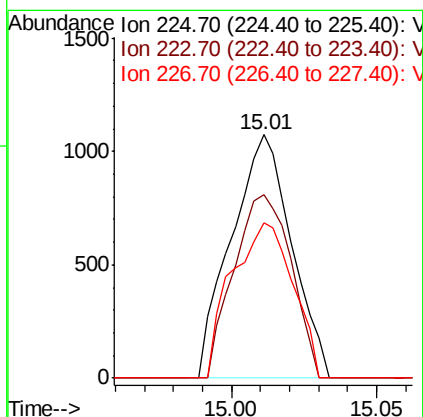
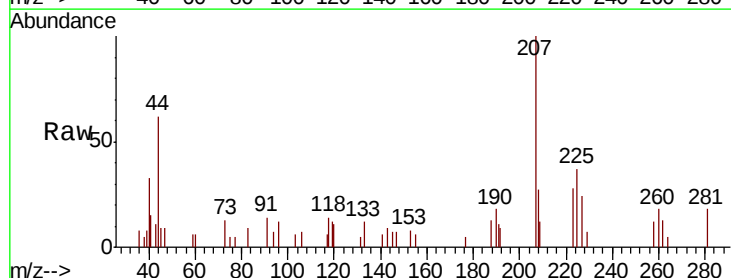
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-SOIL

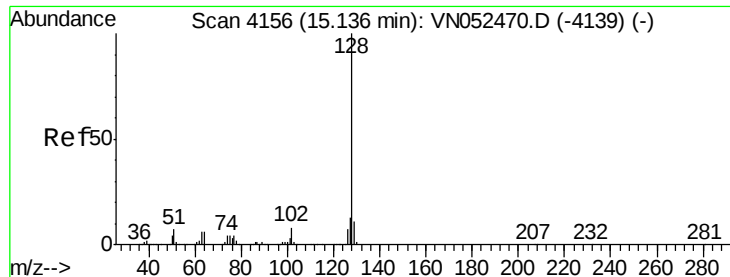
Tot Ion:180 Resp: 5476
 Ion Ratio Lower Upper
 180 100
 182 97.6 47.8 143.4
 145 108.2 14.1 42.3#



#94
 Hexachlorobutadiene
 Concen: 0.239 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN052749.D
 Acq: 10 Dec 2018 13:23

Tgt Ion:225 Resp: 1549
 Ion Ratio Lower Upper
 225 100
 223 71.8 31.4 94.2
 227 64.9 32.5 97.4





#95

Naphthalene

Concen: 8.212 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

Instrument :

MSVOA_N

ClientSampleId :

OILY-SOIL

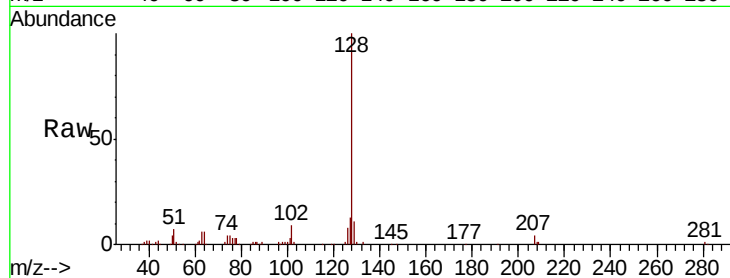
Tot Ion:128 Resp: 120105

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.2

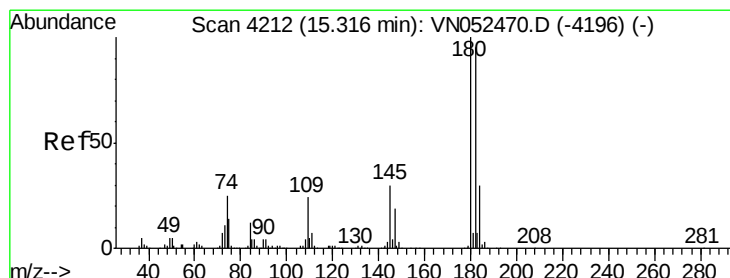
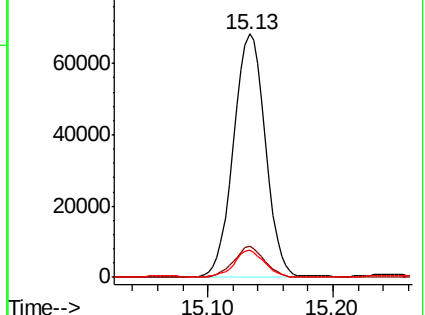
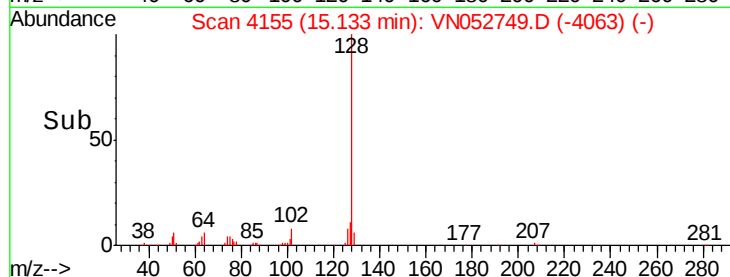
129 10.4 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 3.261 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052749.D

Acq: 10 Dec 2018 13:23

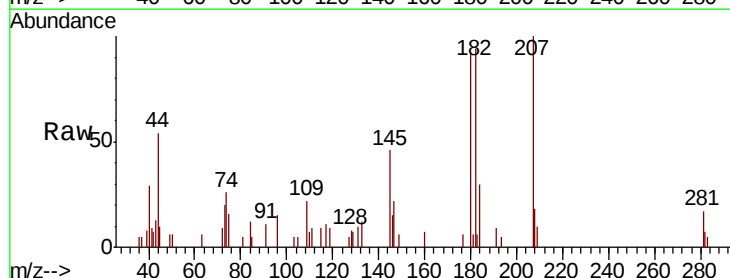
Tgt Ion:180 Resp: 5729

Ion Ratio Lower Upper

180 100

182 97.6 47.8 143.3

145 9.8 15.2 45.5#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

