

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003423.D
 Acq On : 03 Aug 2020 17:39
 Operator : SY/MD
 Sample : L3512-01RE
 Misc : 4.72G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OILY-DEBRIS-1499RE

Quant Time: Aug 04 01:36:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	388822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	593292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	354721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	69394	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	165461	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
35) Dibromofluoromethane	7.74	113	188345	53.89	ug/l	0.01
Spiked Amount	50.000		Recovery	=	107.78%	
50) Toluene-d8	10.18	98	596159	43.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.12%	
62) 4-Bromofluorobenzene	12.48	95	106720	22.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.64%	

Target Compounds

						Qvalue
3) Chloromethane	2.11	50	6390	1.465	ug/l	94
5) Bromomethane	2.66	94	8101	2.505	ug/l	82
11) Tert butyl alcohol	4.96	59	1819859	5190.453	ug/l	100
15) Acrylonitrile	4.95	53	12920	12.652	ug/l #	6
16) Acetone	3.96	43	28775	31.502	ug/l	95
17) Carbon Disulfide	4.20	76	112708	10.094	ug/l #	94
20) Methylene Chloride	4.72	84	46263	1.419	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	20387	5.265	ug/l	97
23) Vinyl Acetate	5.96	43	162866	20.627	ug/l #	73
29) Tetrahydrofuran	7.35	42	30468972	33548.487	ug/l #	34
30) Chloroform	7.30	83	319805	47.738	ug/l #	18
31) Cyclohexane	7.80	56	8786	1.341	ug/l #	9
36) 1,1-Dichloropropene	7.80	75	27791	4.950	ug/l #	50
38) Carbon Tetrachloride	7.80	117	34175	5.916	ug/l #	16
40) Benzene	8.17	78	119014	7.640	ug/l	100
43) Isopropyl Acetate	8.45	43	1352467	224.455	ug/l #	53
48) Methyl methacrylate	9.40	41	226435	83.253	ug/l #	36
51) 4-Methyl-2-Pentanone	10.08	43	10269	3.252	ug/l	90
52) Toluene	10.24	92	146930	15.039	ug/l	97
67) Ethyl Benzene	11.59	91	23772	1.894	ug/l	100
68) m/p-Xylenes	11.70	106	15135	3.199	ug/l	99
69) o-Xylene	12.03	106	9241	2.086	ug/l	99
70) Styrene	12.04	104	58807	7.759	ug/l	93
73) Isopropylbenzene	12.33	105	44654	9.956	ug/l	97
74) N-amyl acetate	12.18	43	1411	1.067	ug/l #	64
76) 1,2,3-Trichloropropane	12.48	75	54246	87.016	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.81	105	5585	1.483	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.48	75	54246	164.569	ug/l #	16
83) tert-Butylbenzene	13.31	119	3633	1.111	ug/l	72
84) 1,2,4-Trimethylbenzene	13.12	105	14931	3.945	ug/l	97
85) sec-Butylbenzene	13.25	105	6095	1.340	ug/l	87
86) p-Isopropyltoluene	13.37	119	4394	1.033	ug/l	89
89) n-Butylbenzene	13.69	91	6386	1.589	ug/l #	58
90) Hexachloroethane	13.97	117	1488	1.826	ug/l #	5

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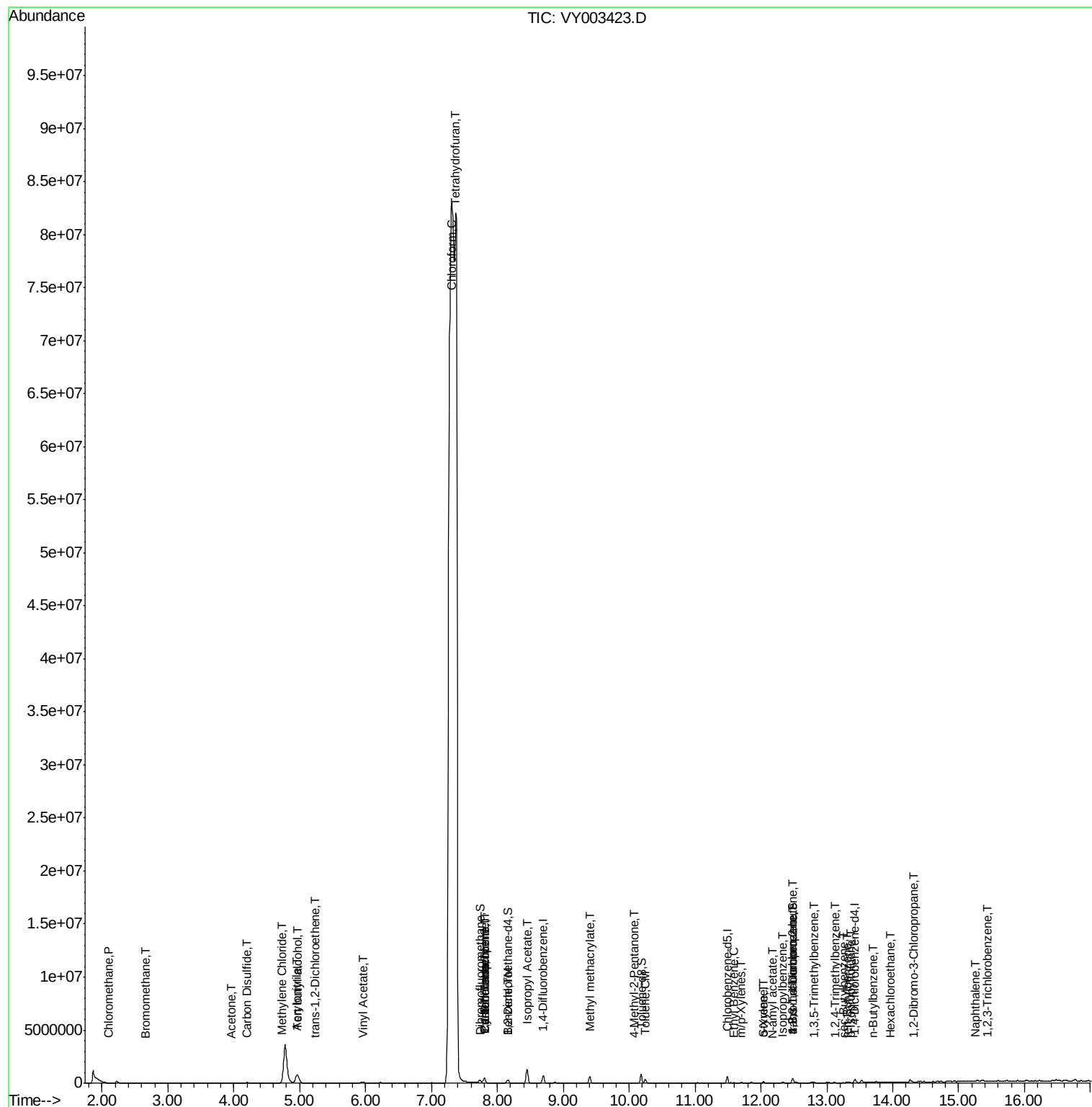
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.32	75	209	1.460	ug/l #	8
95) Naphthalene	15.24	128	4133	1.792	ug/l #	72
96) 1,2,3-Trichlorobenzene	15.44	180	2566	2.329	ug/l #	24

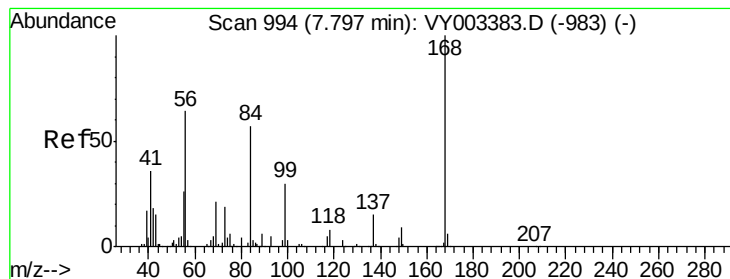
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY003423.D

Acq: 03 Aug 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

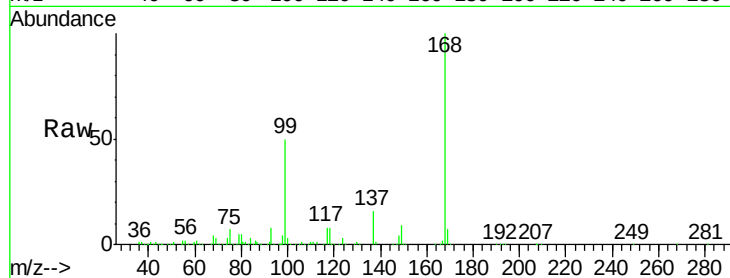
OILY-DEBRIS-1499RE

Tot Ion:168 Resp: 388822

Ion Ratio Lower Upper

168 100

99 50.4 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

200000

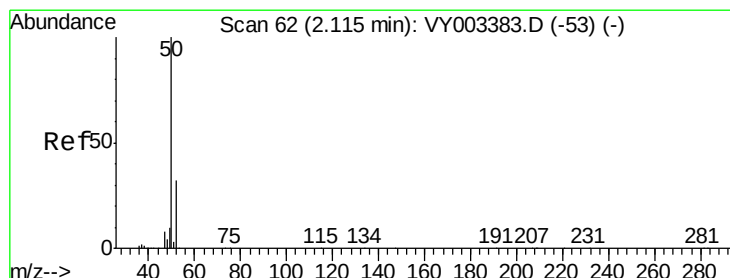
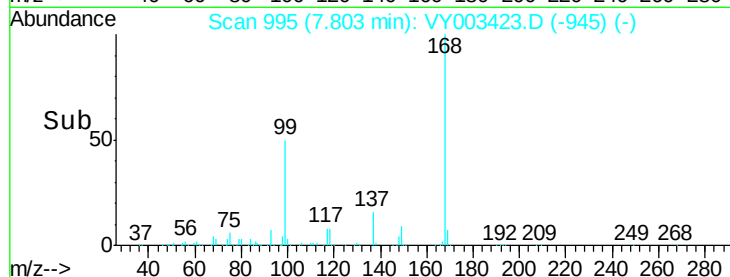
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.465 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY003423.D

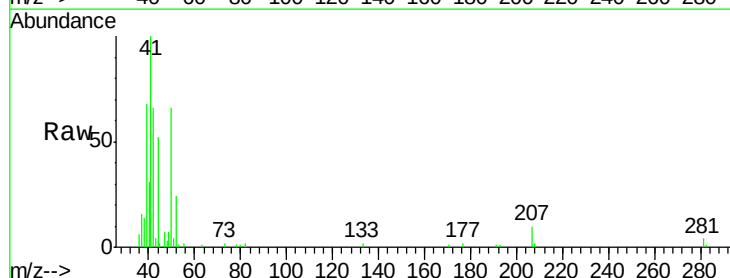
Acq: 03 Aug 2020 17:39

Tgt Ion: 50 Resp: 6390

Ion Ratio Lower Upper

50 100

52 35.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.11

6000

5000

4000

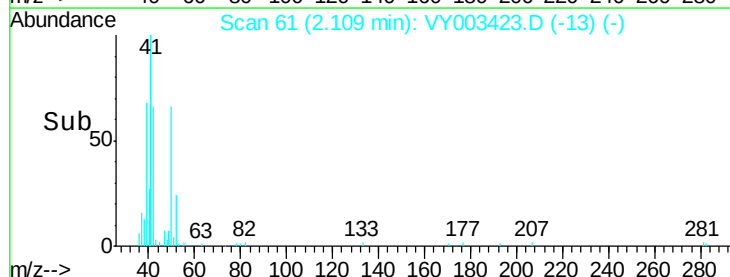
3000

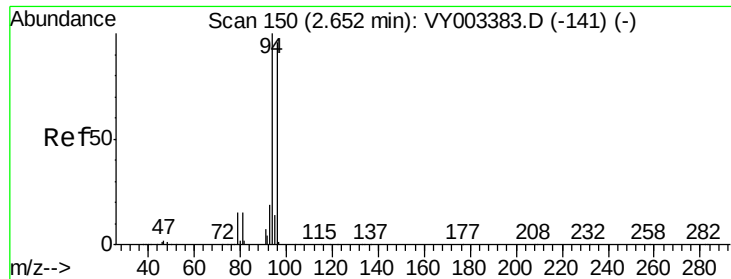
2000

1000

0

Time-->





#5

Bromomethane

Concen: 2.505 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY003423.D

Acq: 03 Aug 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

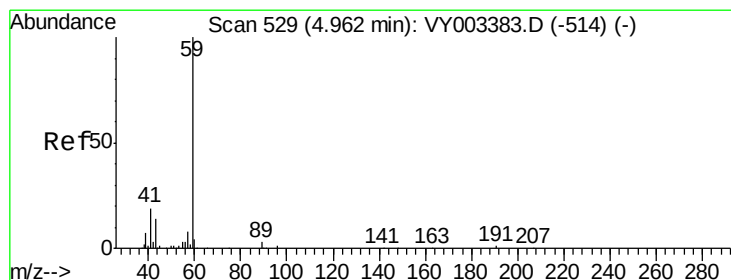
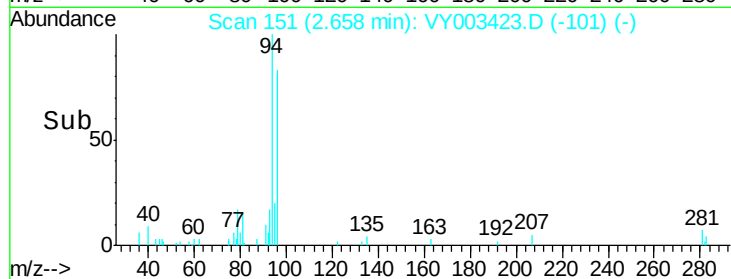
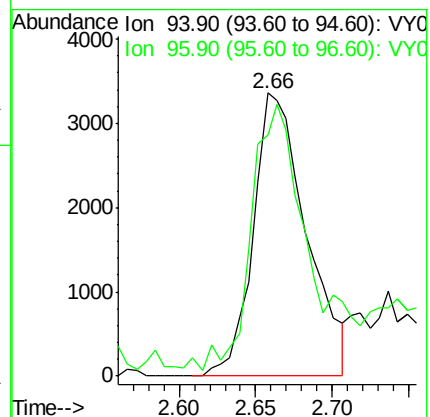
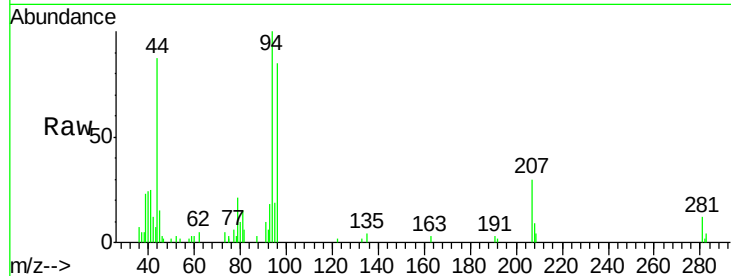
OILY-DEBRIS-1499RE

Tot Ion: 94 Resp: 8101

Ion Ratio Lower Upper

94 100

96 78.6 76.6 115.0



#11

Tert butyl alcohol

Concen: 5190.453 ug/l

RT: 4.96 min Scan# 529

Delta R.T. 0.00 min

Lab File: VY003423.D

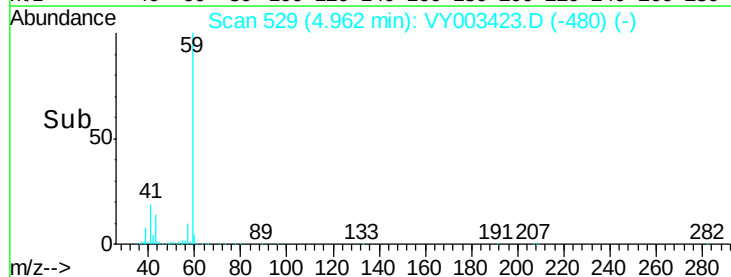
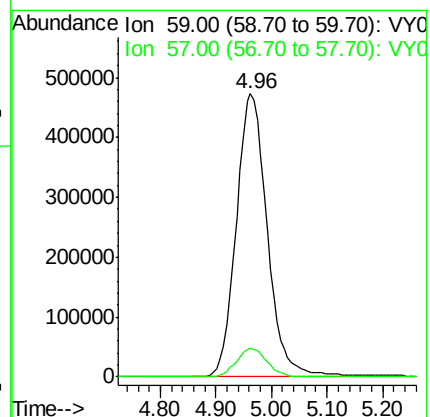
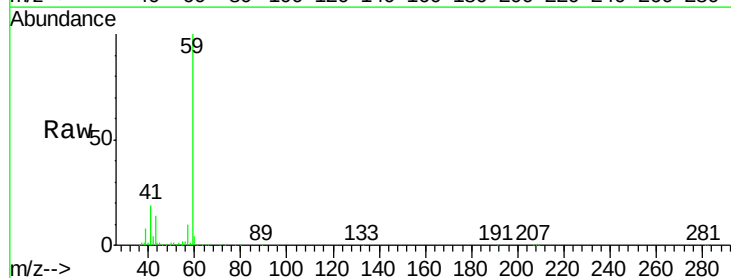
Acq: 03 Aug 2020 17:39

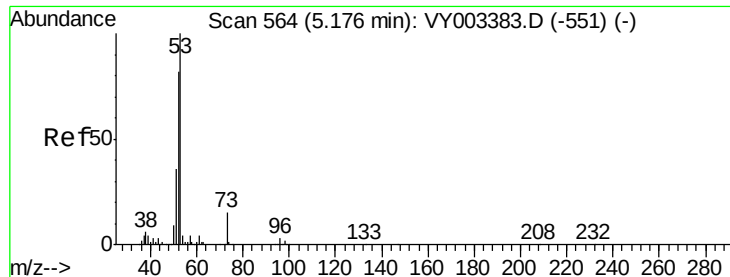
Tgt Ion: 59 Resp: 1819859

Ion Ratio Lower Upper

59 100

57 10.0 8.0 12.0





#15

Acrylonitrile

Concen: 12.652 ug/l

RT: 4.95 min Scan# 527

Delta R.T. -0.23 min

Lab File: VY003423.D

Acq: 03 Aug 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

OILY-DEBRIS-1499RE

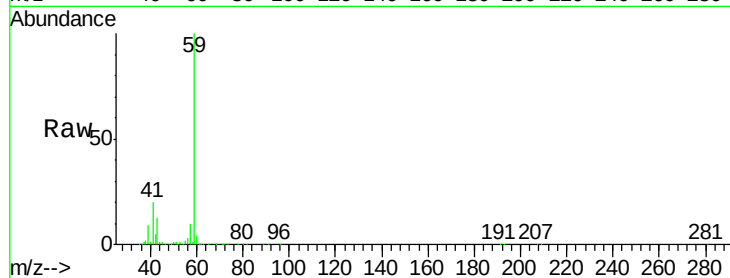
Tot Ion: 53 Resp: 12920

Ion Ratio Lower Upper

53 100

52 12.7 67.0 100.6#

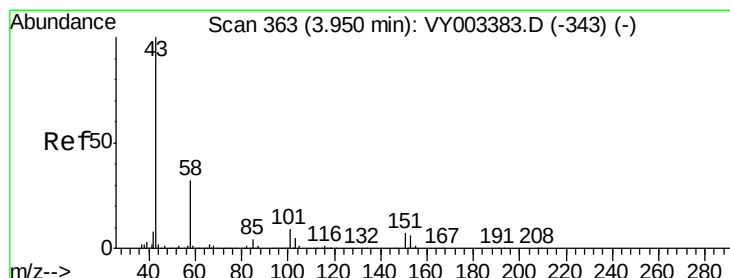
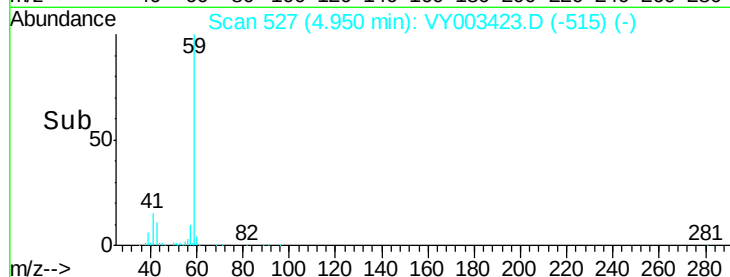
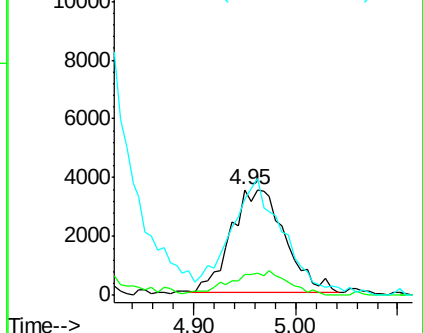
51 112.9 29.3 43.9#



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 31.502 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003423.D

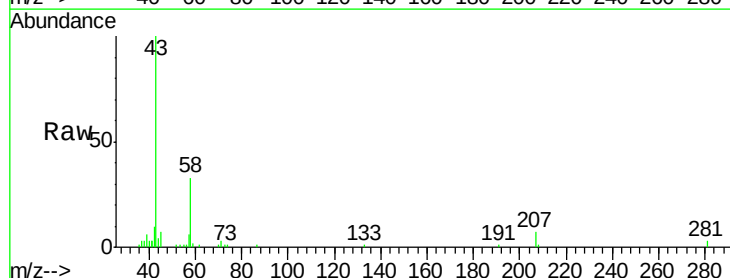
Acq: 03 Aug 2020 17:39

Tgt Ion: 43 Resp: 28775

Ion Ratio Lower Upper

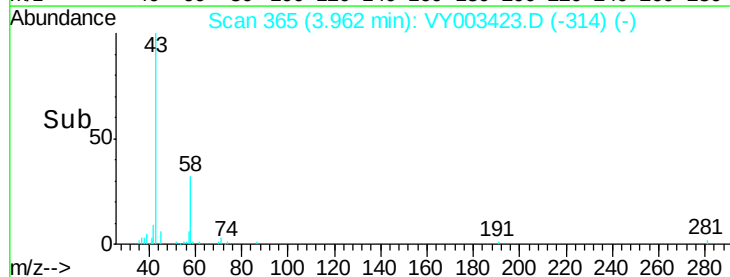
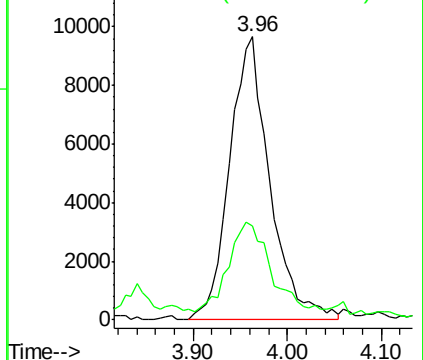
43 100

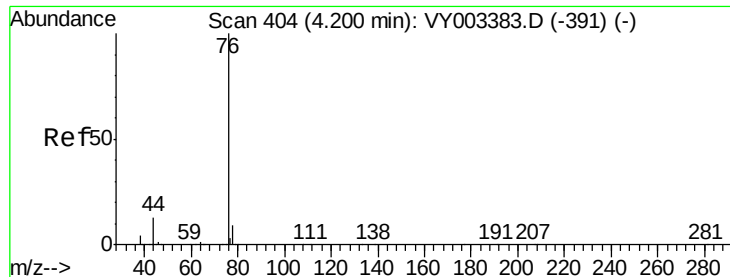
58 29.1 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 10.094 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003423.D

Acq: 03 Aug 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

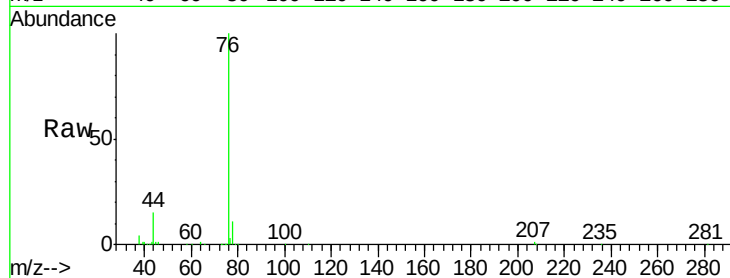
OILY-DEBRIS-1499RE

Tot Ion: 76 Resp: 112708

Ion Ratio Lower Upper

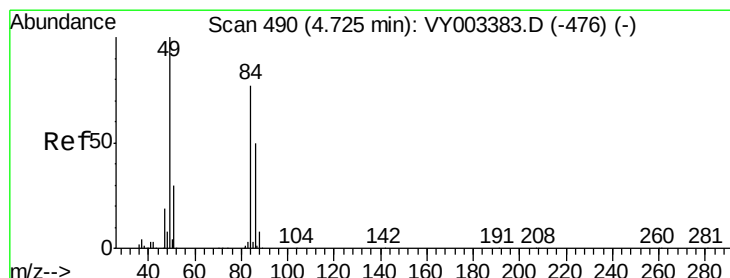
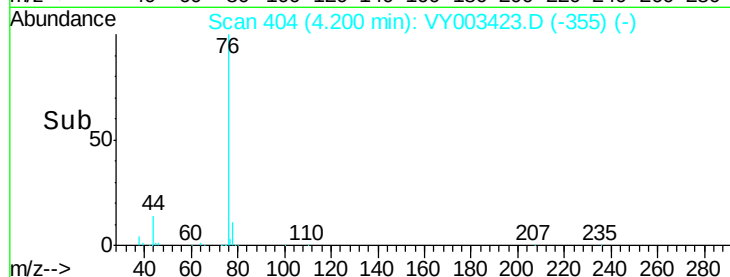
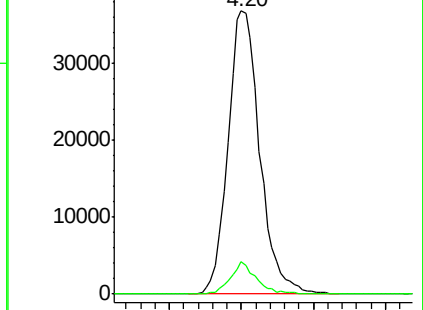
76 100

78 11.4 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#20

Methylene Chloride

Concen: 1.419 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003423.D

Acq: 03 Aug 2020 17:39

Tgt Ion: 84 Resp: 46263

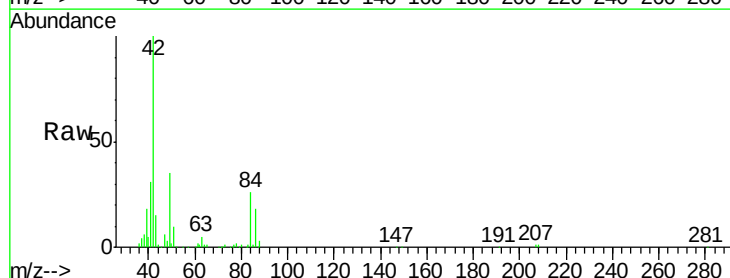
Ion Ratio Lower Upper

84 100

49 134.9 104.2 156.4

51 40.5 31.5 47.3

86 68.5 51.7 77.5

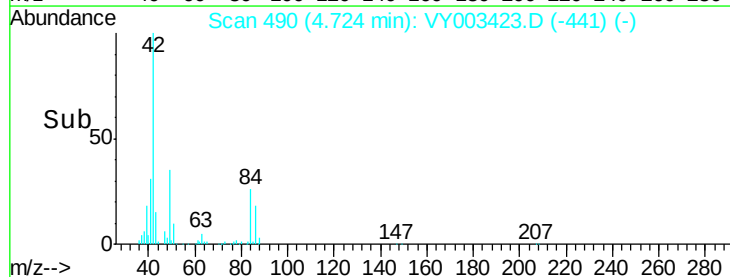
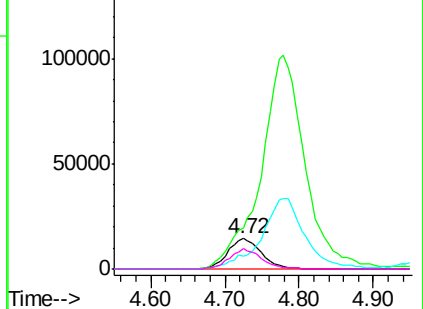


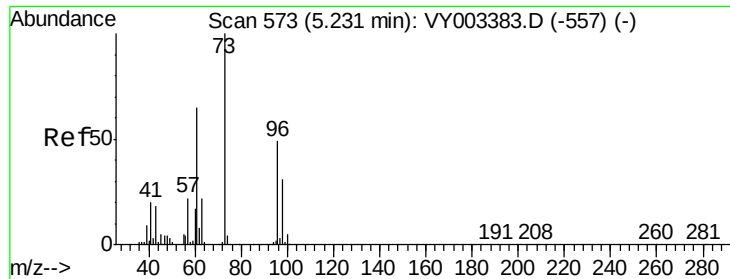
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0





#21

trans-1,2-Dichloroethene

Concen: 5.265 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

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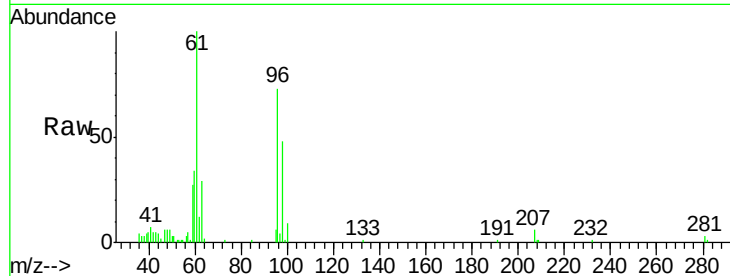
Tot Ion: 96 Resp: 20387

Ion Ratio Lower Upper

96 100

61 137.1 106.3 159.5

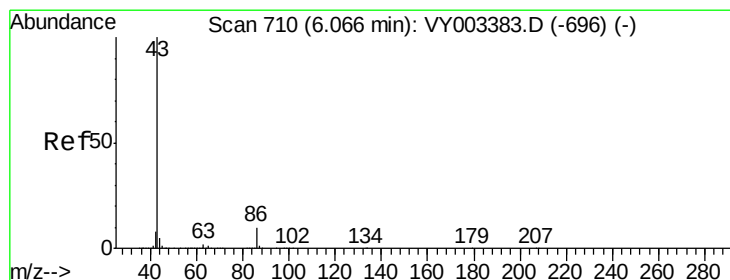
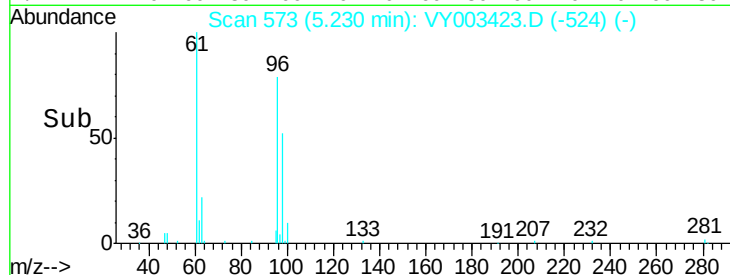
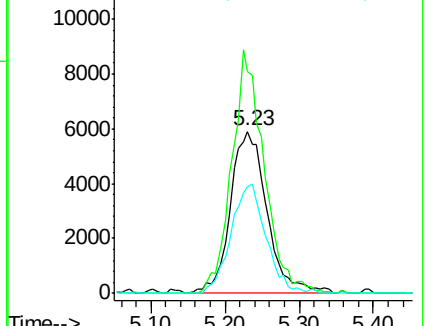
98 65.8 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#23

Vinyl Acetate

Concen: 20.627 ug/l

RT: 5.96 min Scan# 692

Delta R.T. -0.11 min

Lab File: VY003423.D

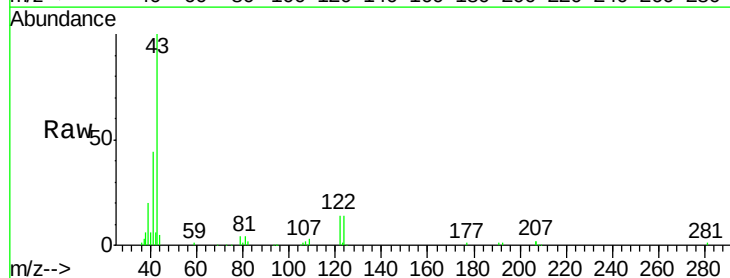
Acq: 03 Aug 2020 17:39

Tgt Ion: 43 Resp: 162866

Ion Ratio Lower Upper

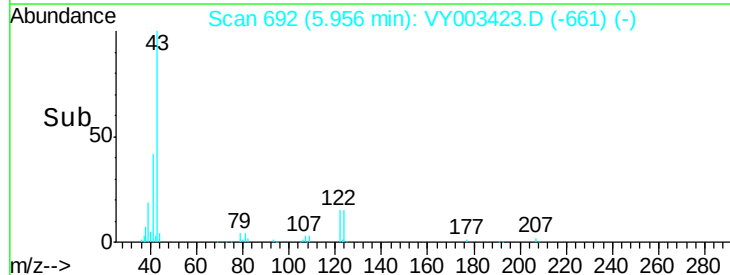
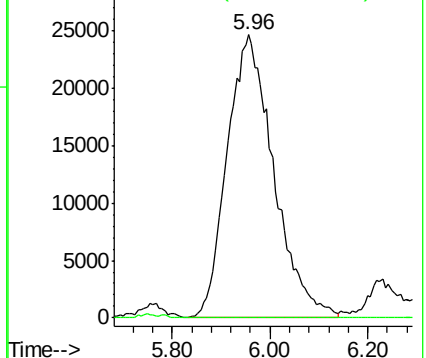
43 100

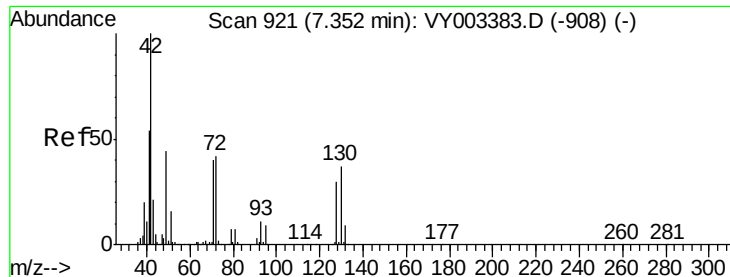
86 0.0 8.0 12.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0





#29

Tetrahydrofuran

Concen: 33548.487 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003423.D

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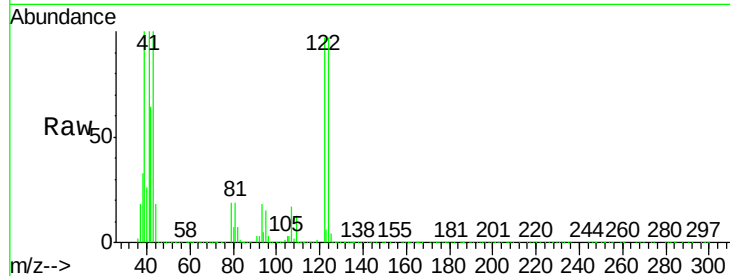
Tot Ion: 42 Resp:30468972

Ion Ratio Lower Upper

42 100

72 0.0 33.5 50.3#

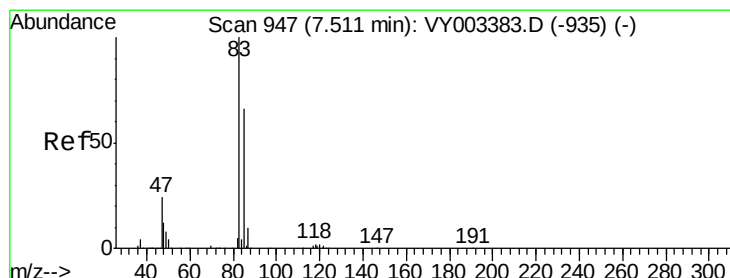
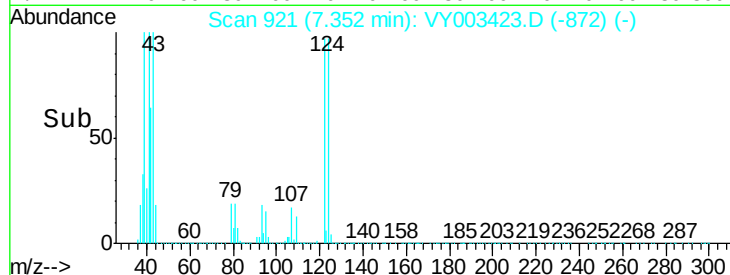
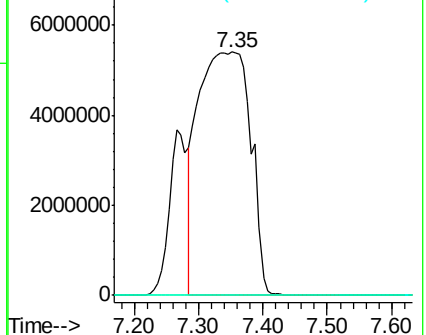
71 0.0 32.1 48.1#



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 47.738 ug/l

RT: 7.30 min Scan# 912

Delta R.T. -0.21 min

Lab File: VY003423.D

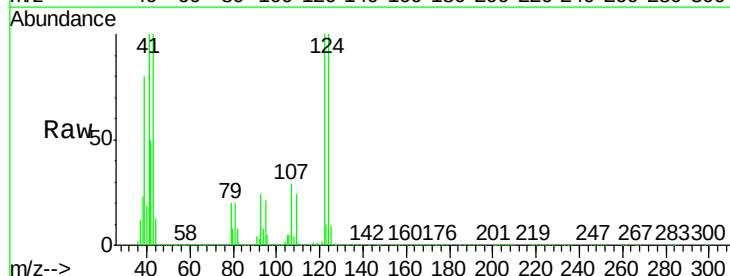
Acq: 03 Aug 2020 17:39

Tgt Ion: 83 Resp: 319805

Ion Ratio Lower Upper

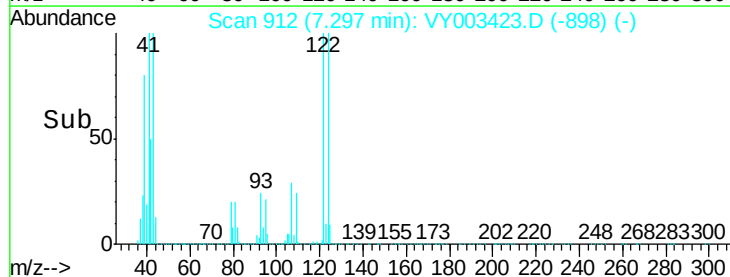
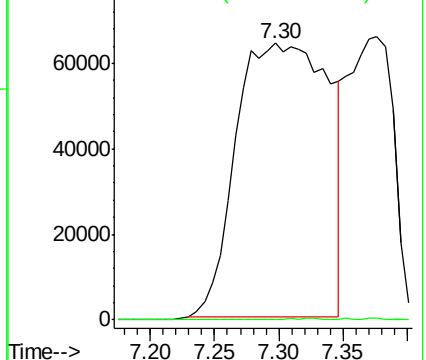
83 100

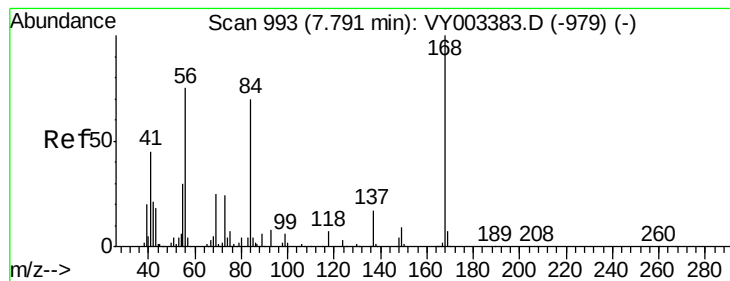
85 0.3 52.5 78.7#



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 1.341 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003423.D

Acq: 03 Aug 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

OILY-DEBRIS-1499RE

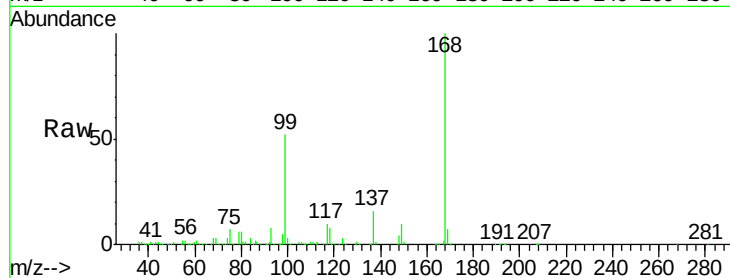
Tot Ion: 56 Resp: 8786

Ion Ratio Lower Upper

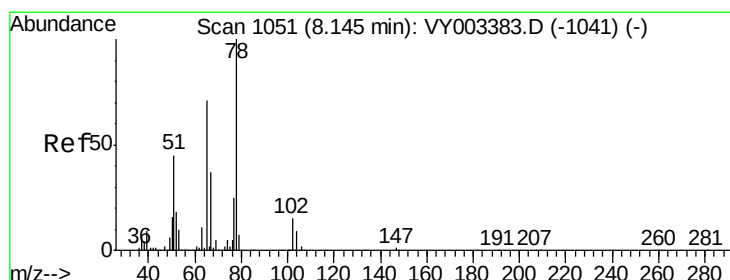
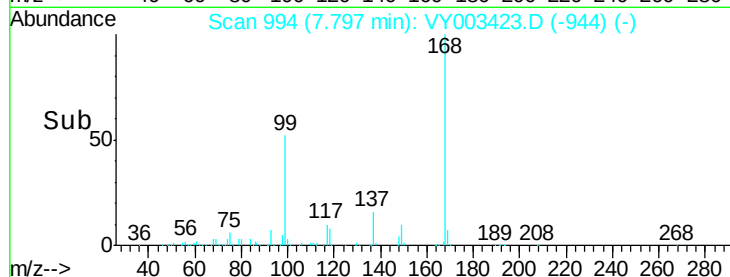
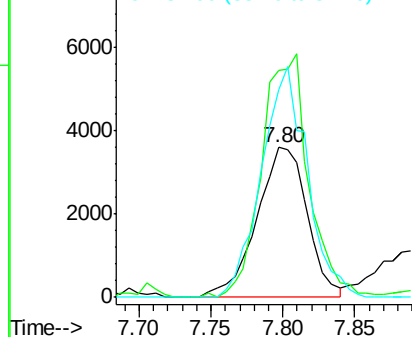
56 100

69 151.2 26.1 39.1#

84 138.6 73.9 110.9#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 44.756 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003423.D

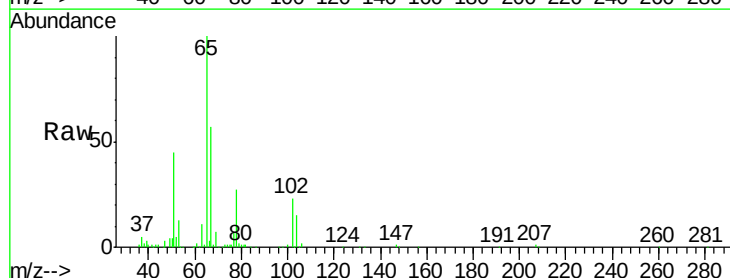
Acq: 03 Aug 2020 17:39

Tgt Ion: 65 Resp: 165461

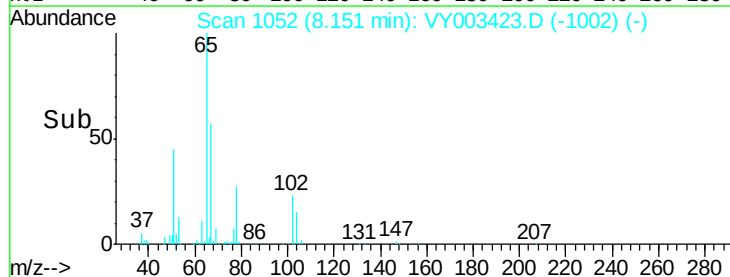
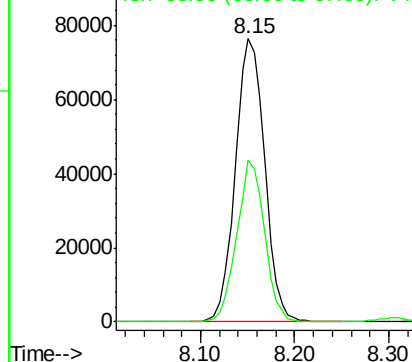
Ion Ratio Lower Upper

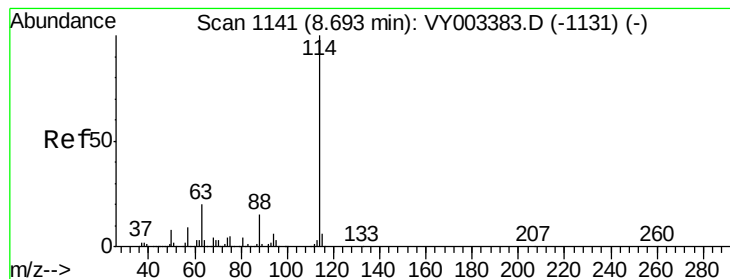
65 100

67 54.0 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003423.D

Acq: 03 Aug 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

OILY-DEBRIS-1499RE

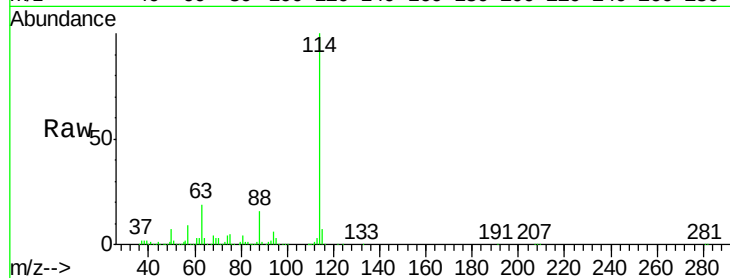
Tot Ion:114 Resp: 593292

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.6

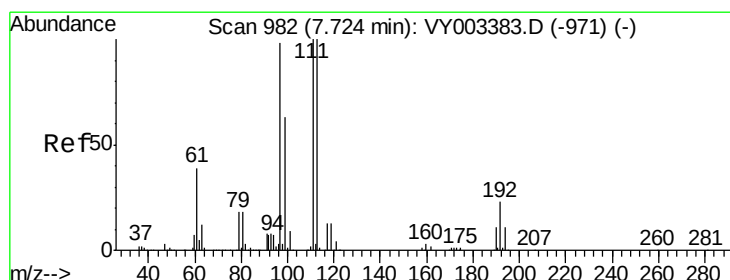
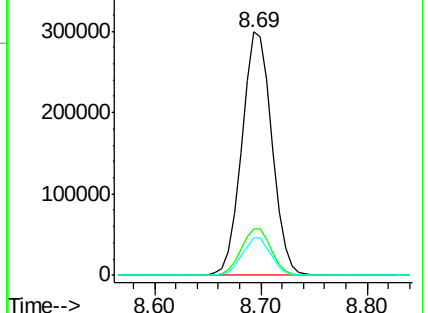
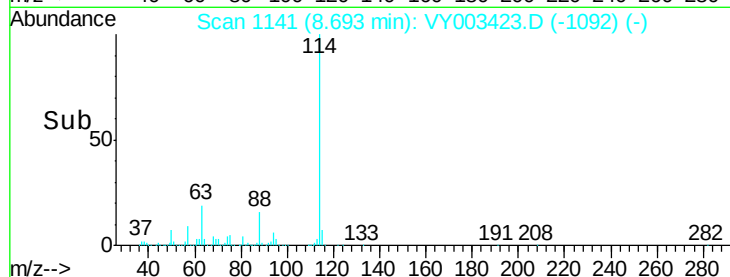
88 15.5 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 53.892 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY003423.D

Acq: 03 Aug 2020 17:39

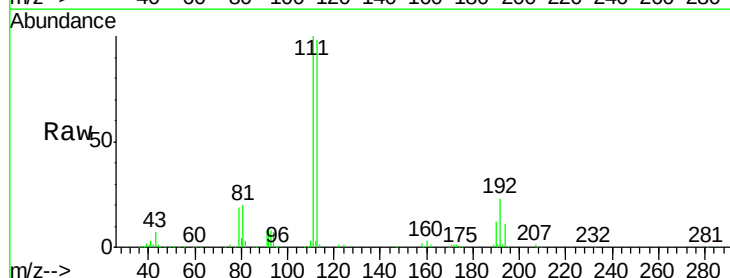
Tgt Ion:113 Resp: 188345

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.4

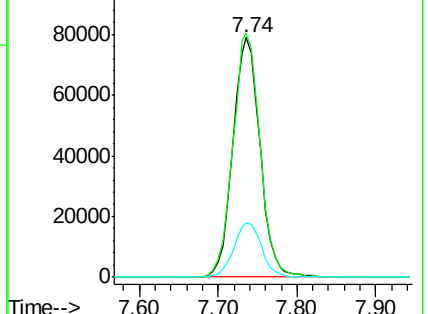
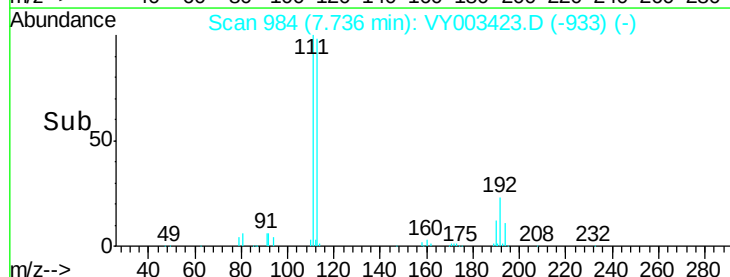
192 23.2 18.8 28.2

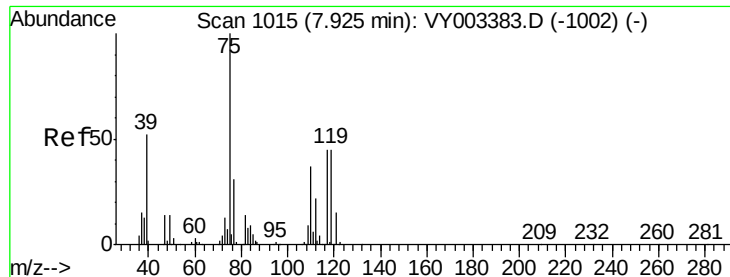


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.950 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY003423.D

Acq: 03 Aug 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

OILY-DEBRIS-1499RE

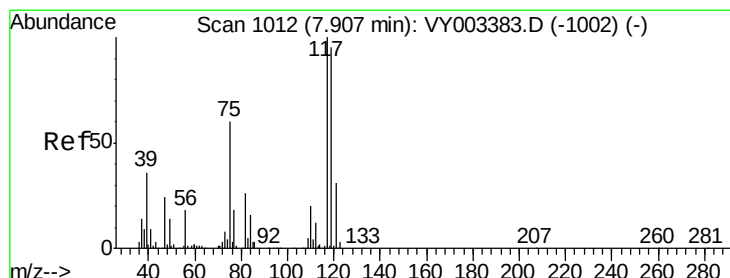
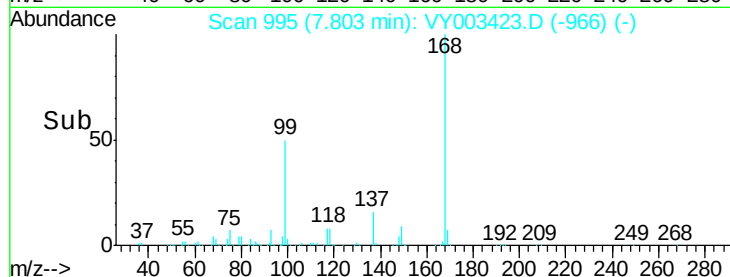
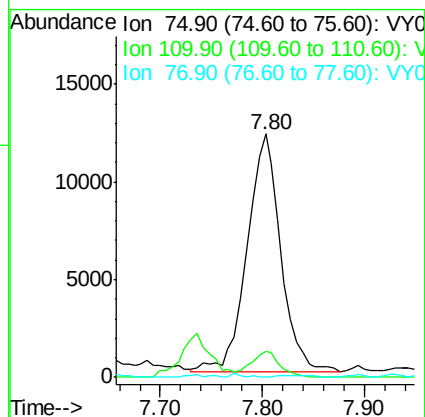
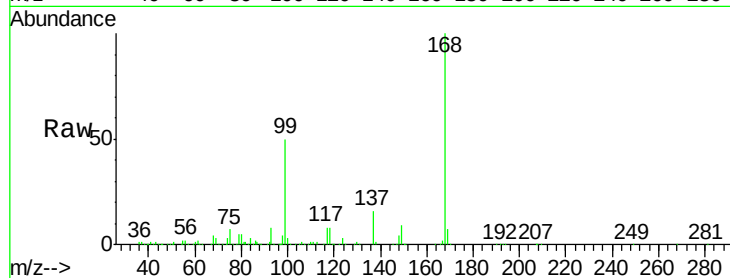
Tot Ion: 75 Resp: 27791

Ion Ratio Lower Upper

75 100

110 9.3 17.8 53.5#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.916 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003423.D

Acq: 03 Aug 2020 17:39

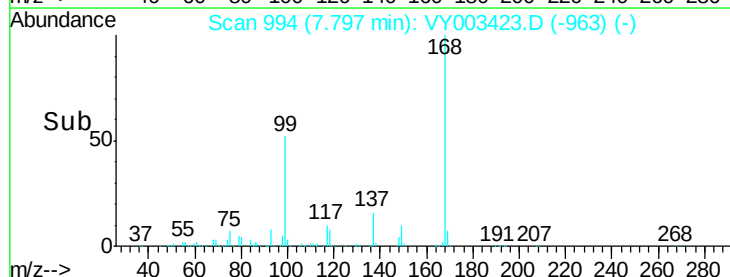
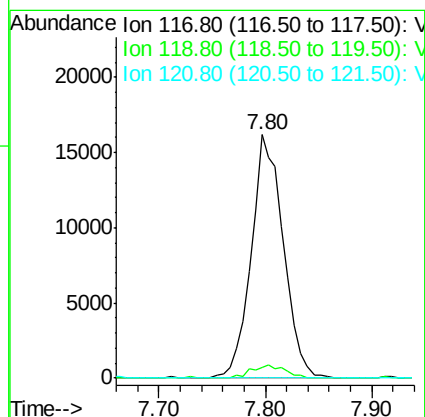
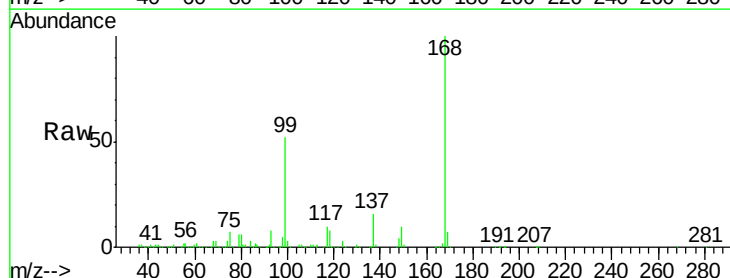
Tgt Ion: 117 Resp: 34175

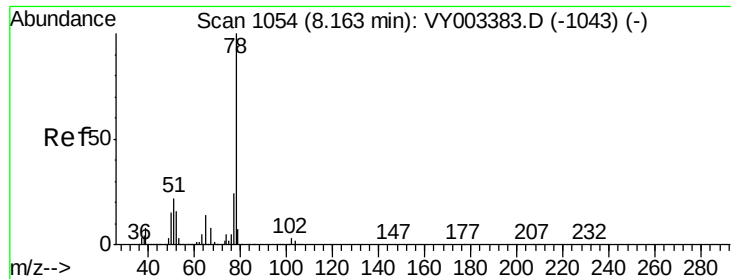
Ion Ratio Lower Upper

117 100

119 4.6 76.1 114.1#

121 0.0 24.5 36.7#





#40

Benzene

Concen: 7.640 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY003423.D

Acq: 03 Aug 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

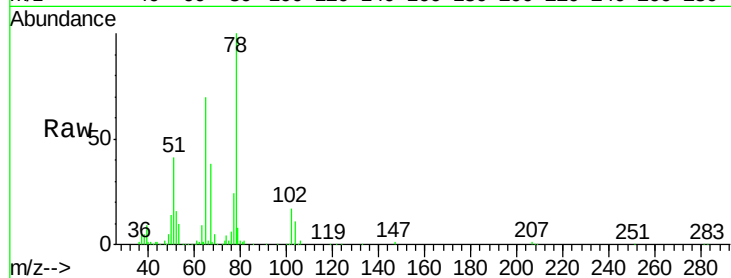
OILY-DEBRIS-1499RE

Tot Ion: 78 Resp: 119014

Ion Ratio Lower Upper

78 100

77 24.4 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0

60000

40000

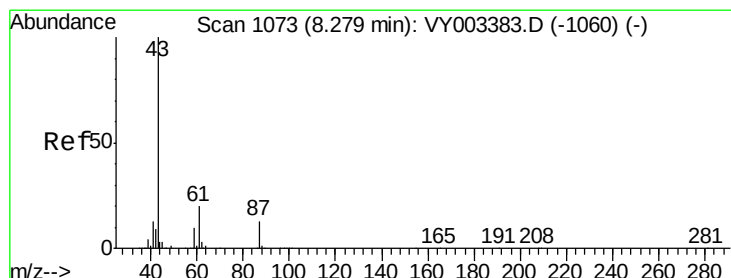
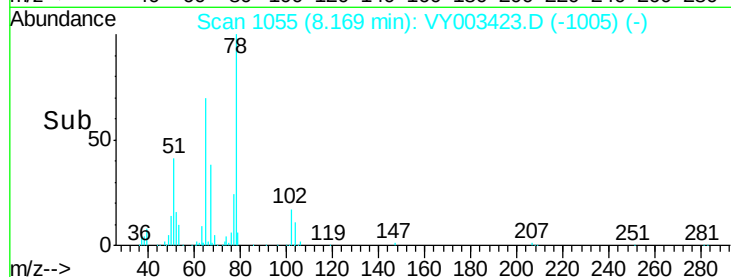
20000

0

8.05 8.10 8.15 8.20 8.25

8.17

Time-->



#43

Isopropyl Acetate

Concen: 224.455 ug/l

RT: 8.45 min Scan# 1101

Delta R.T. 0.17 min

Lab File: VY003423.D

Acq: 03 Aug 2020 17:39

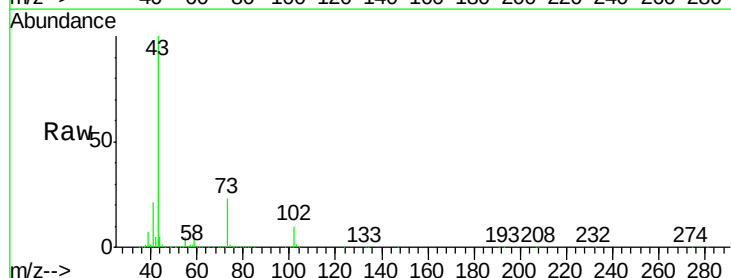
Tgt Ion: 43 Resp: 1352467

Ion Ratio Lower Upper

43 100

61 0.4 23.0 34.4#

87 0.0 10.5 15.7#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

800000

600000

400000

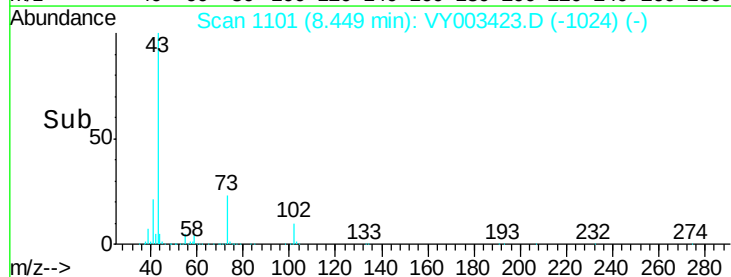
200000

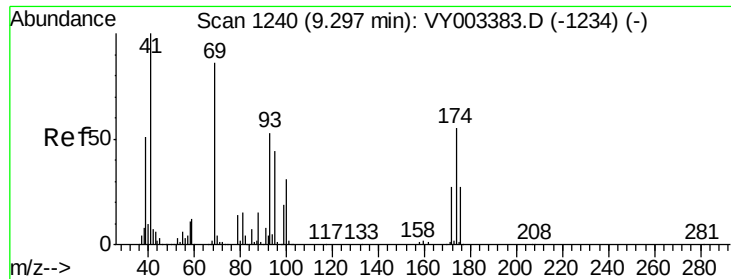
0

8.35 8.40 8.45 8.50 8.55

8.45

Time-->

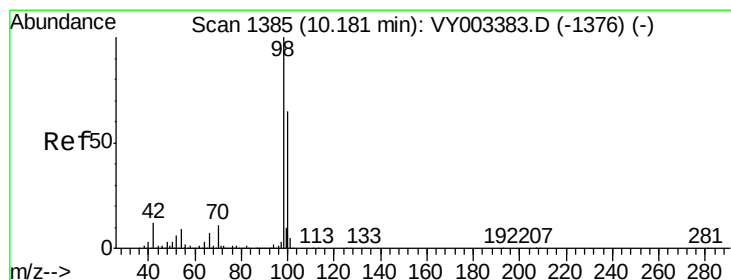
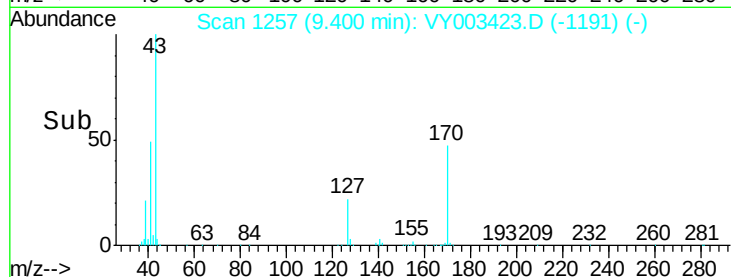
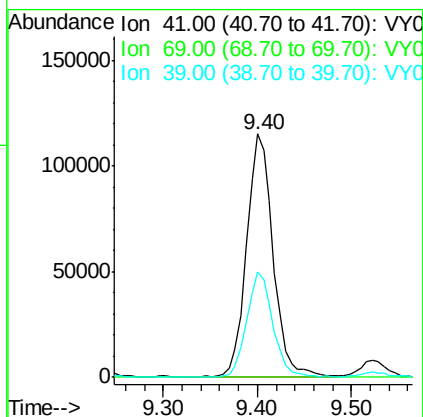
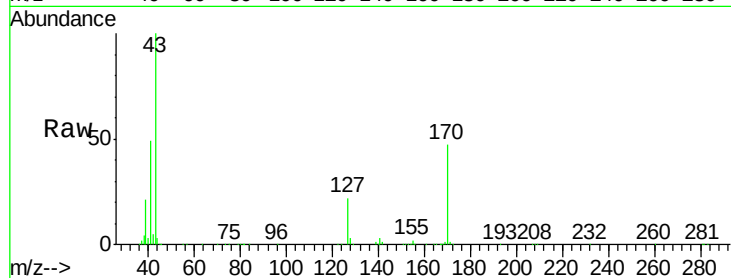




#48
Methyl methacrylate
Concen: 83.253 ug/l
RT: 9.40 min Scan# 1257
Delta R.T. 0.10 min
Lab File: VY003423.D
Acq: 03 Aug 2020 17:39

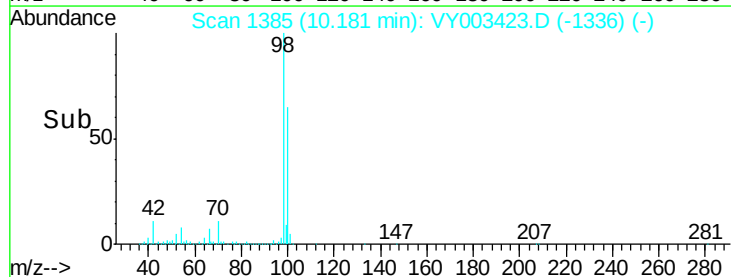
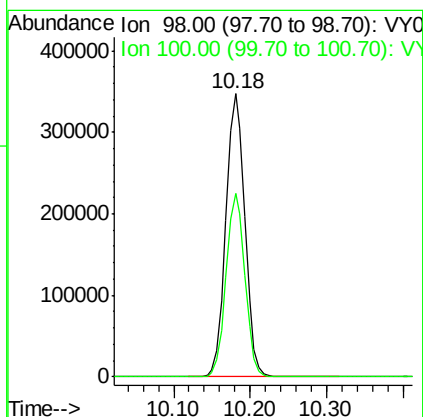
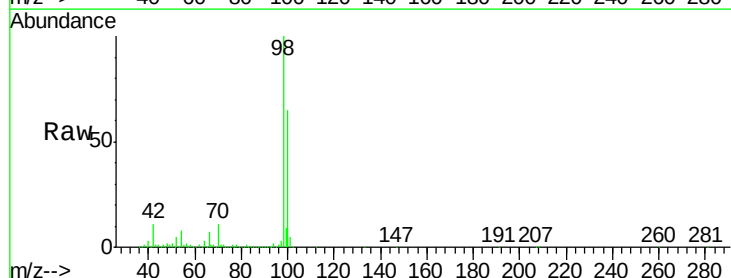
Instrument :
MSVOA_Y
ClientSampleId :
OILY-DEBRIS-1499RE

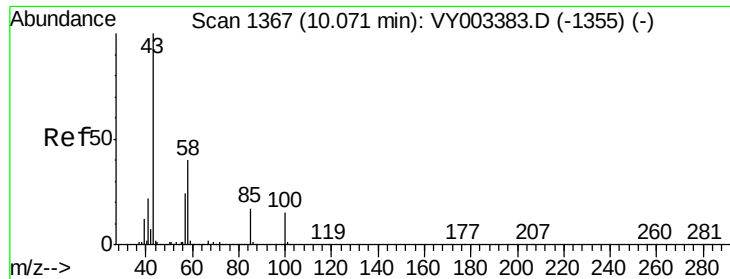
Tot Ion	Ratio	Lower	Upper
41	100		
69	0.0	68.9	103.3#
39	42.6	43.1	64.7#



#50
Toluene-d8
Concen: 43.562 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003423.D
Acq: 03 Aug 2020 17:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.3	76.9

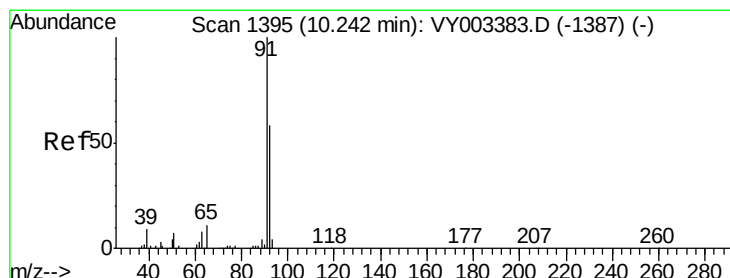
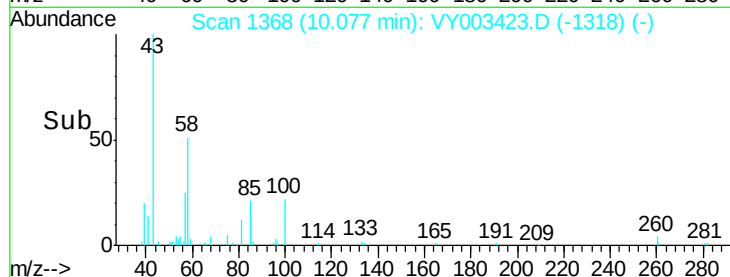
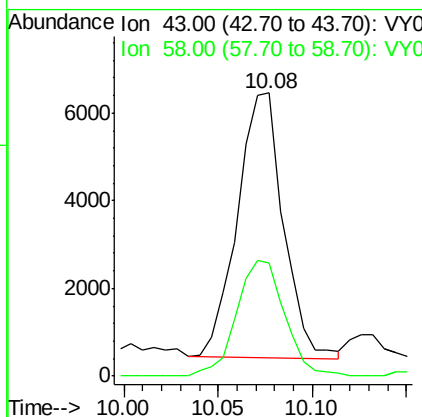
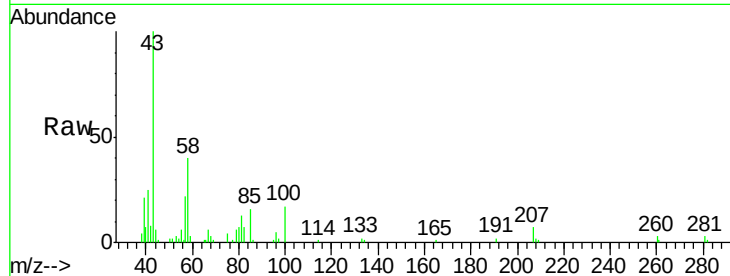




#51
4-Methyl-2-Pentanone
Concen: 3.252 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VY003423.D
Acq: 03 Aug 2020 17:39

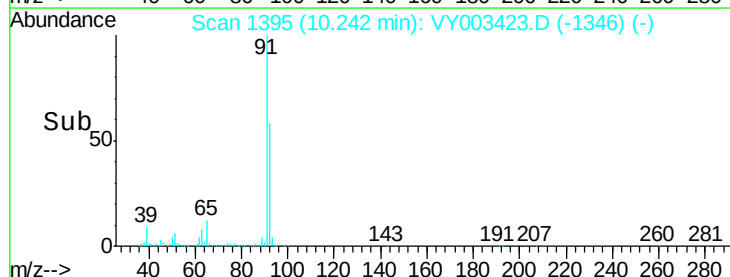
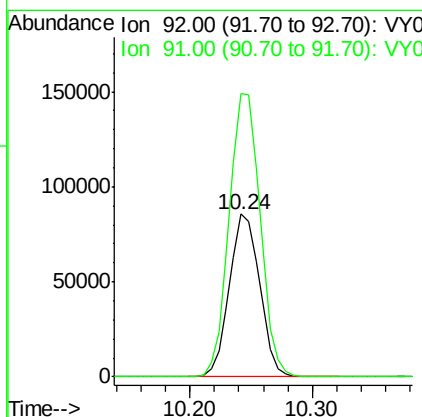
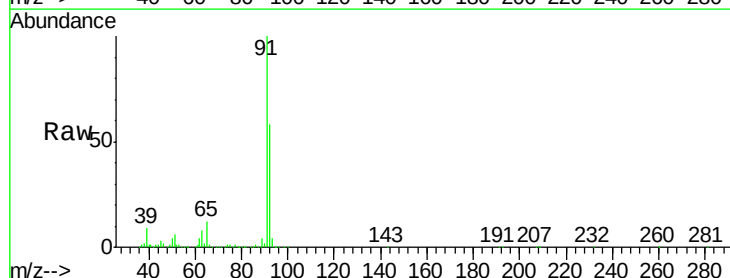
Instrument :
MSVOA_Y
ClientSampleId :
OILY-DEBRIS-1499RE

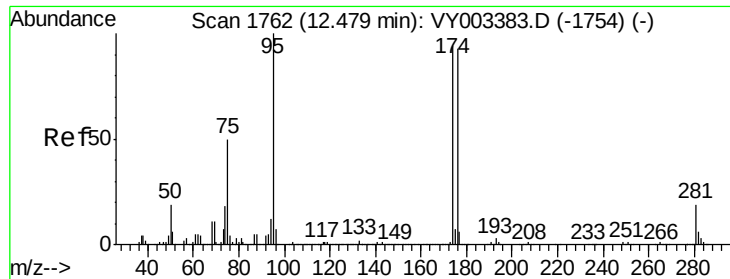
Tot Ion: 43 Resp: 10269
Ion Ratio Lower Upper
43 100
58 45.5 31.6 47.4



#52
Toluene
Concen: 15.039 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003423.D
Acq: 03 Aug 2020 17:39

Tgt Ion: 92 Resp: 146930
Ion Ratio Lower Upper
92 100
91 178.3 139.4 209.0

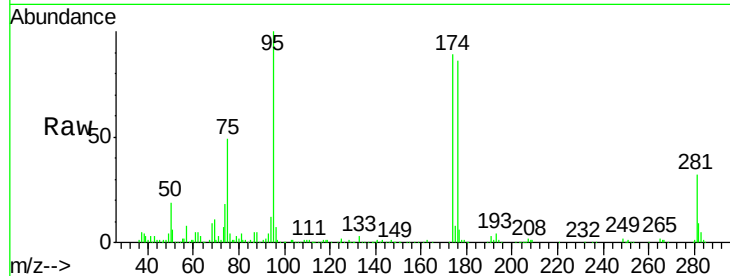




#62
4-Bromofluorobenzene
Concen: 22.823 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003423.D
Acq: 03 Aug 2020 17:39

Instrument :
MSVOA_Y
ClientSampleId :
OILY-DEBRIS-1499RE

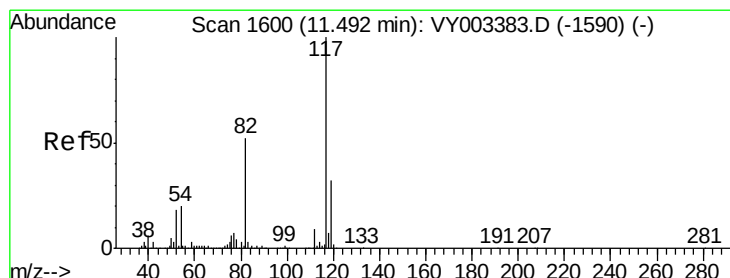
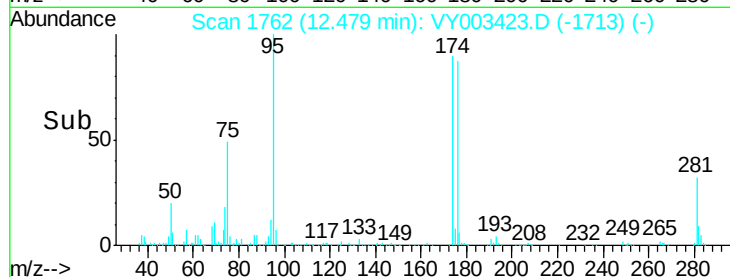
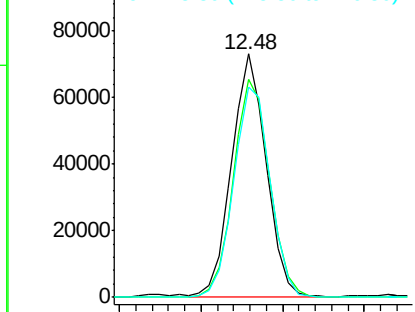
Tot Ion	95	Resp	106720
Ion Ratio	Lower	Upper	
95	100		
174	94.5	0.0	190.0
176	91.7	0.0	184.4



Abundance Ion 94.90 (94.60 to 95.60): VY003383.D (-1754) (-)

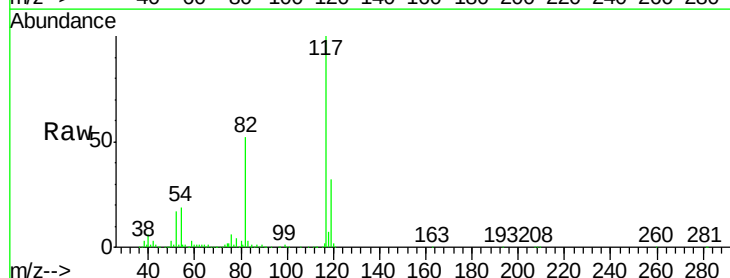
Ion 173.80 (173.50 to 174.50): VY003383.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003383.D (-1754) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003423.D
Acq: 03 Aug 2020 17:39

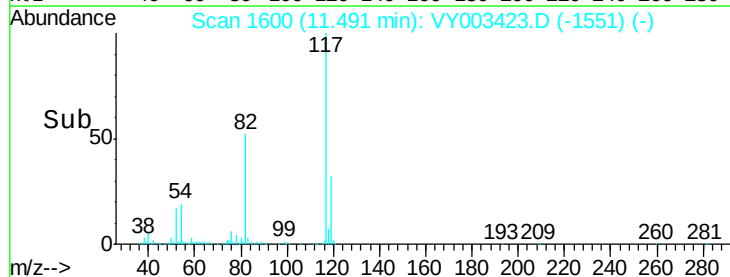
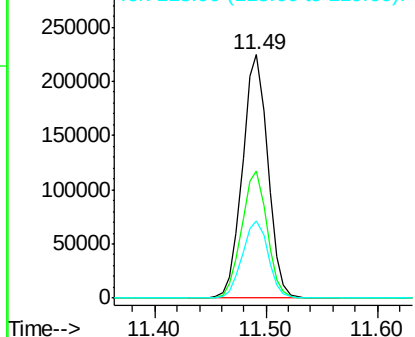
Tgt Ion	117	Resp	354721
Ion Ratio	Lower	Upper	
117	100		
82	52.3	41.9	62.9
119	32.0	25.4	38.0

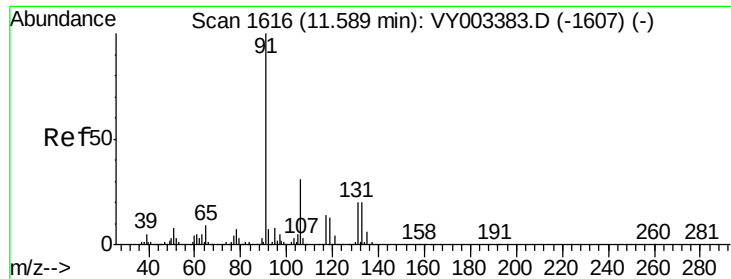


Abundance Ion 116.90 (116.60 to 117.60): VY003383.D (-1590) (-)

Ion 82.00 (81.70 to 82.70): VY003383.D (-1590) (-)

Ion 118.90 (118.60 to 119.60): VY003383.D (-1590) (-)





#67

Ethyl Benzene

Concen: 1.894 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003423.D

Acq: 03 Aug 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

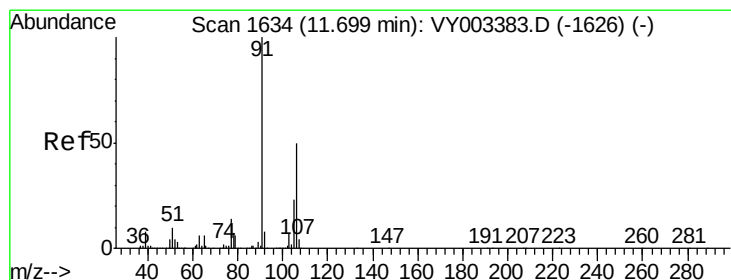
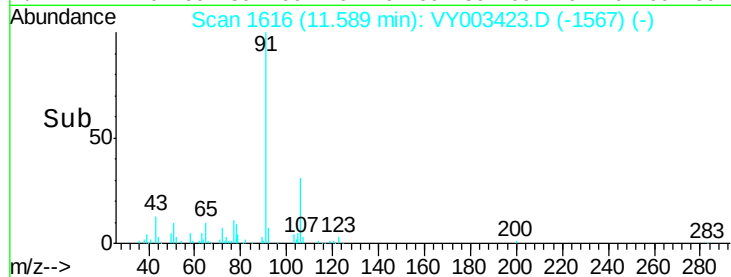
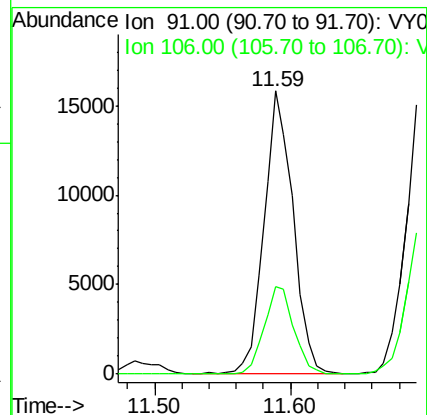
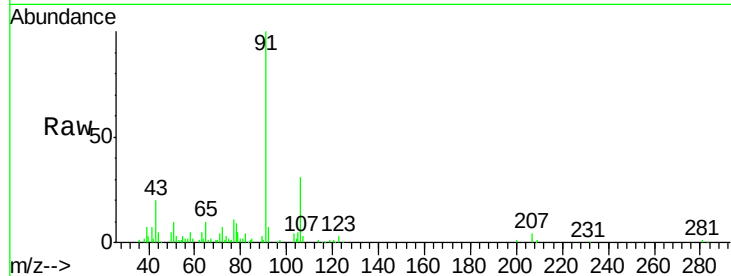
OILY-DEBRIS-1499RE

Tot Ion: 91 Resp: 23772

Ion Ratio Lower Upper

91 100

106 30.8 24.4 36.6



#68

m/p-Xylenes

Concen: 3.199 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003423.D

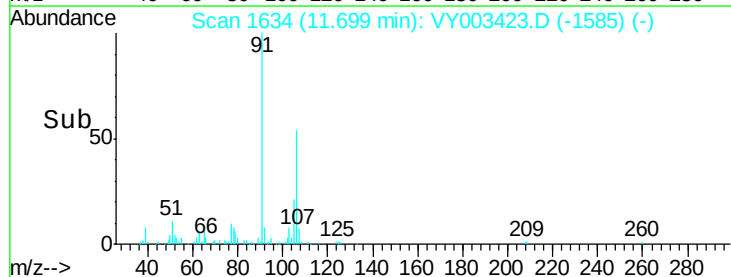
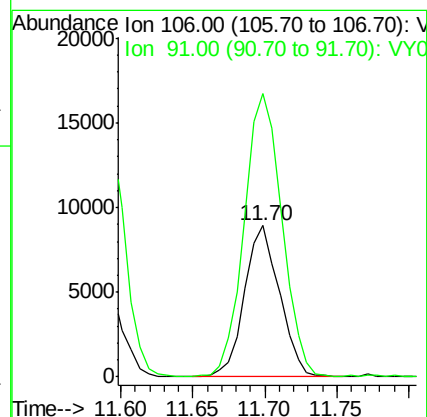
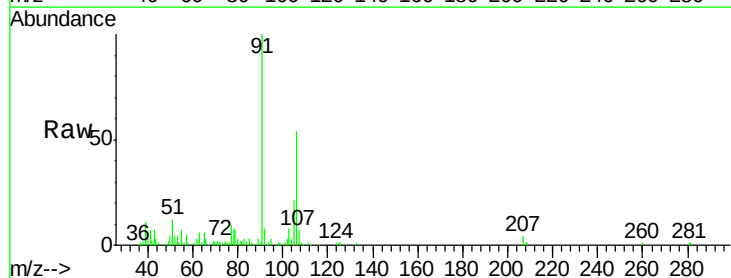
Acq: 03 Aug 2020 17:39

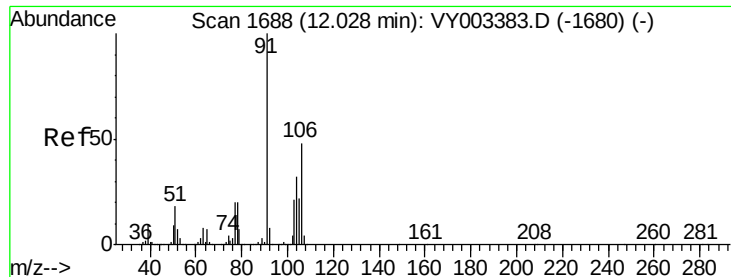
Tgt Ion: 106 Resp: 15135

Ion Ratio Lower Upper

106 100

91 200.5 161.0 241.6

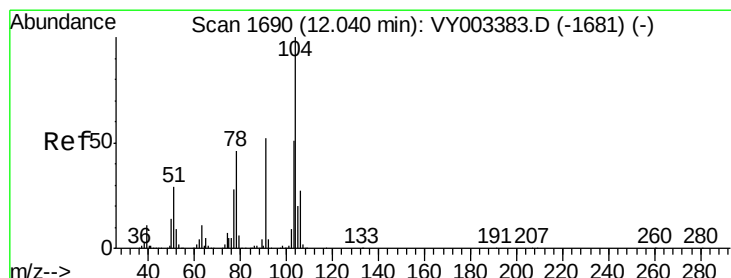
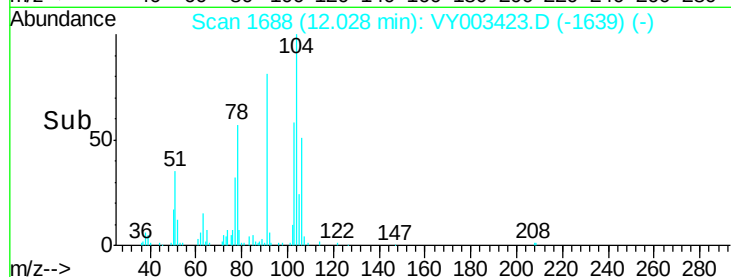
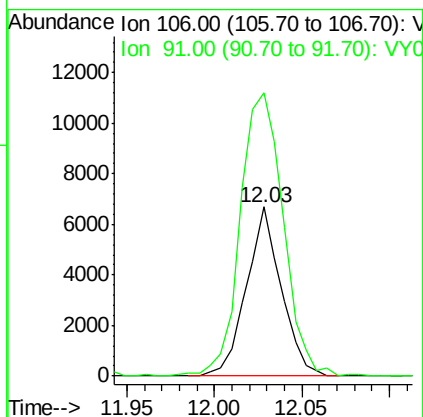
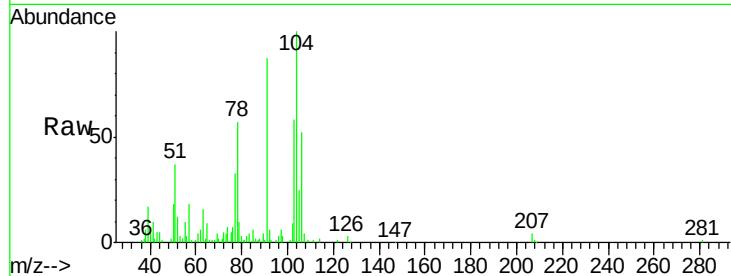




#69
o-Xylene
Concen: 2.086 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003423.D
Acq: 03 Aug 2020 17:39

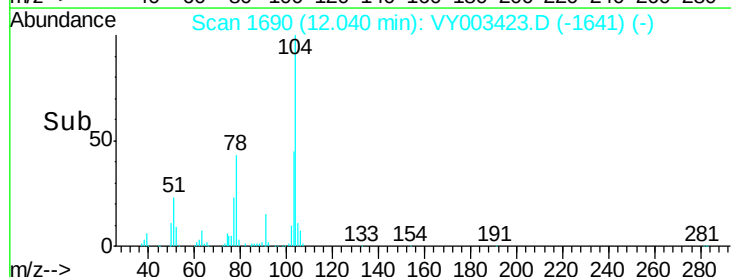
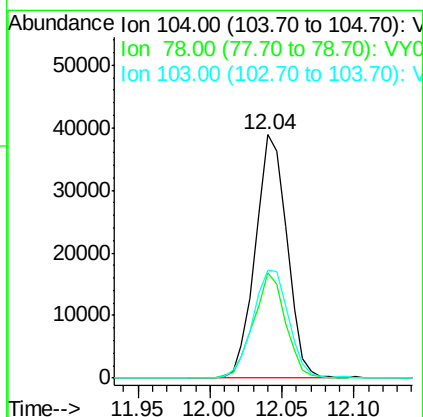
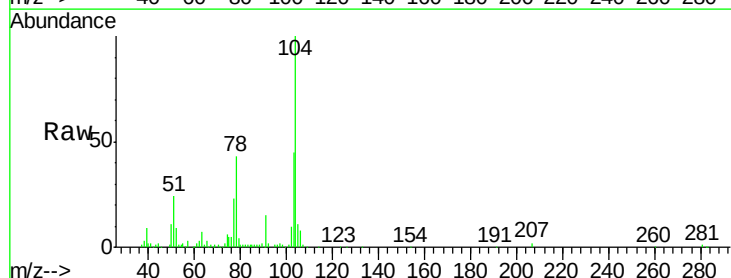
Instrument :
MSVOA_Y
ClientSampleId :
OILY-DEBRIS-1499RE

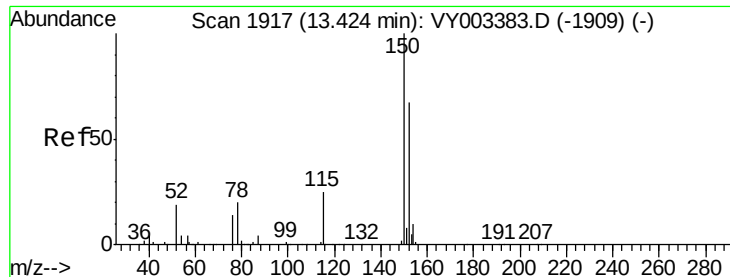
Tot Ion:106 Resp: 9241
Ion Ratio Lower Upper
106 100
91 207.6 104.6 313.7



#70
Styrene
Concen: 7.759 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003423.D
Acq: 03 Aug 2020 17:39

Tgt Ion:104 Resp: 58807
Ion Ratio Lower Upper
104 100
78 43.7 39.3 58.9
103 50.8 43.7 65.5



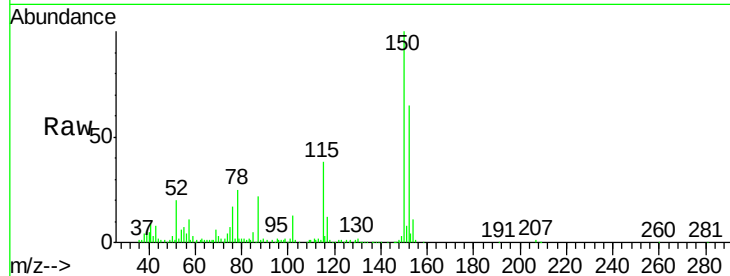


#72

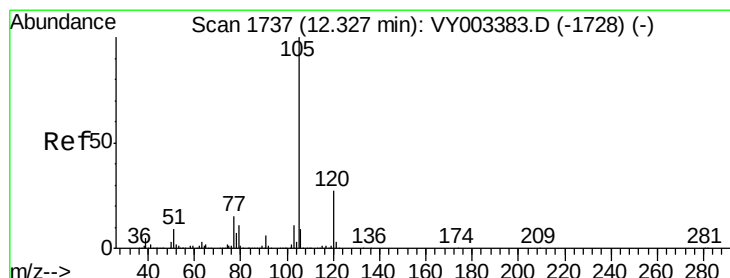
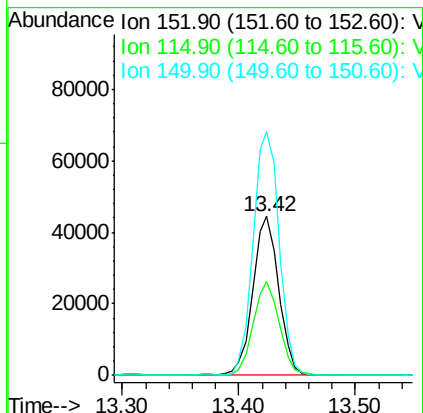
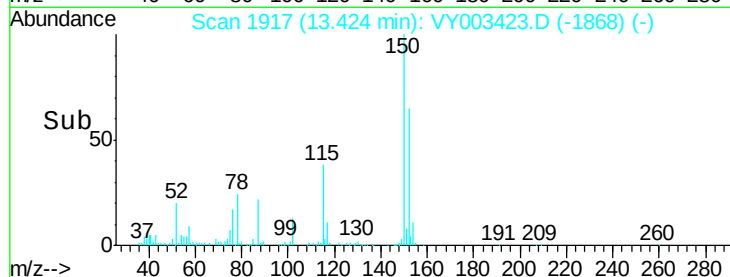
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003423.D
Acq: 03 Aug 2020 17:39

Instrument :
MSVOA_Y
ClientSampleId :
OILY-DEBRIS-1499RE

Tot Ion	152	Resp	69394
Ion	Ratio	Lower	Upper
152	100		
115	58.4	27.2	81.5
150	153.1	0.0	346.8



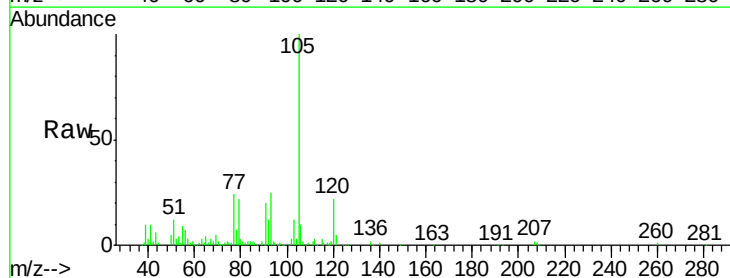
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



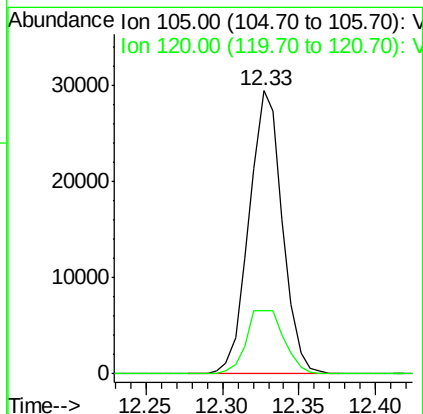
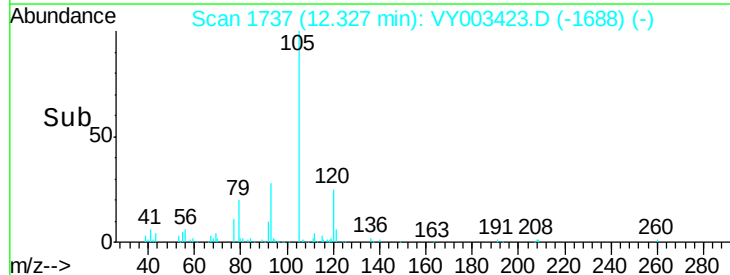
#73

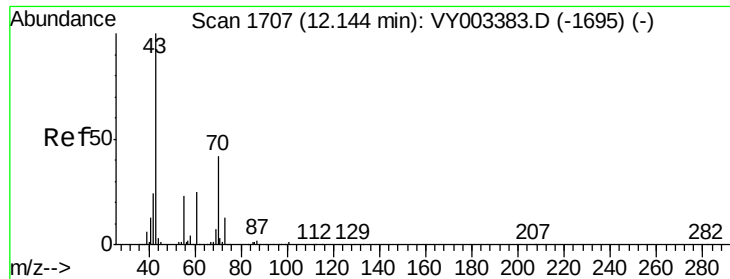
Isopropylbenzene
Concen: 9.956 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY003423.D
Acq: 03 Aug 2020 17:39

Tgt Ion	105	Resp	44654
Ion	Ratio	Lower	Upper
105	100		
120	25.5	13.5	40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.067 ug/l

RT: 12.18 min Scan# 1713

Delta R.T. 0.04 min

Lab File: VY003423.D

Acq: 03 Aug 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

OILY-DEBRIS-1499RE

Tot Ion: 43 Resp: 1411

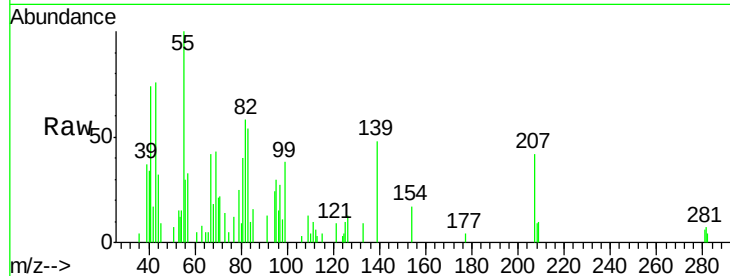
Ion Ratio Lower Upper

43 100

70 26.3 33.6 50.4#

55 0.0 18.5 27.7#

61 3.5 19.8 29.8#

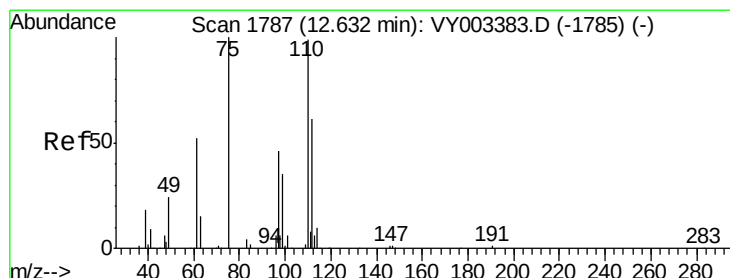
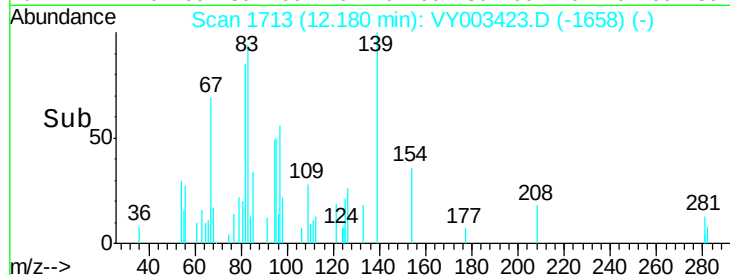
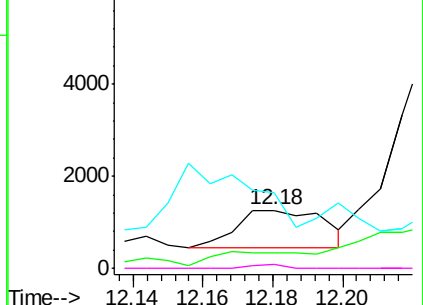


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



#76

1,2,3-Trichloropropane

Concen: 87.016 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003423.D

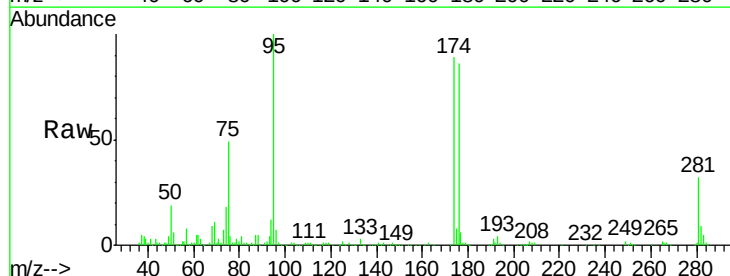
Acq: 03 Aug 2020 17:39

Tgt Ion: 75 Resp: 54246

Ion Ratio Lower Upper

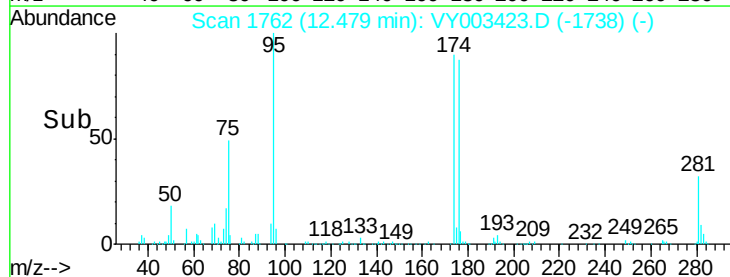
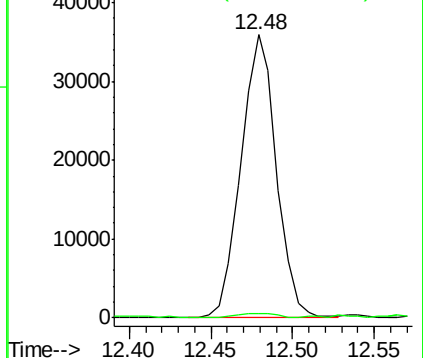
75 100

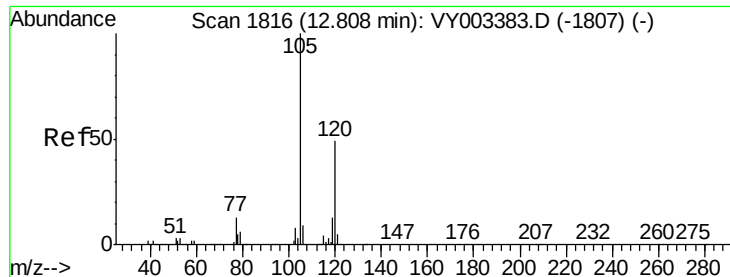
77 2.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#80

1,3,5-Trimethylbenzene

Concen: 1.483 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003423.D

Acq: 03 Aug 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

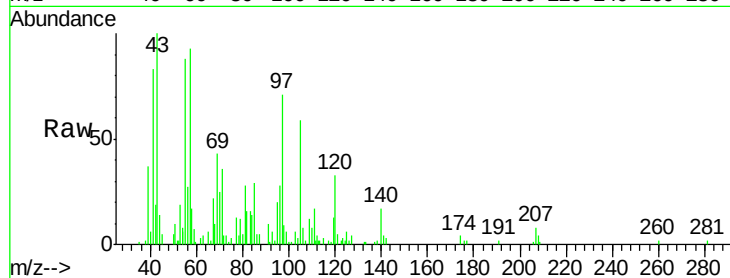
OILY-DEBRIS-1499RE

Tot Ion:105 Resp: 5585

Ion Ratio Lower Upper

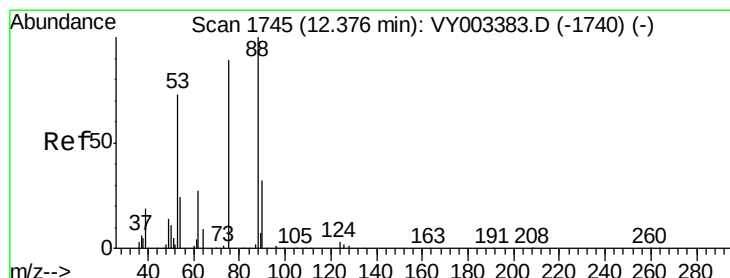
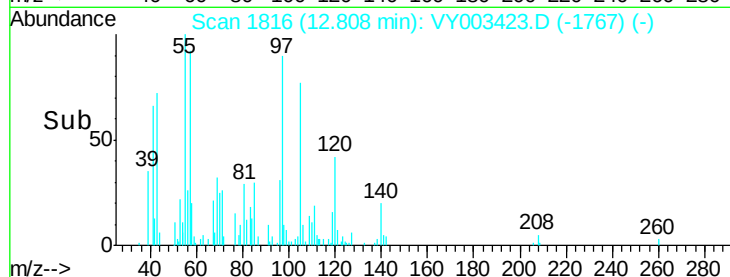
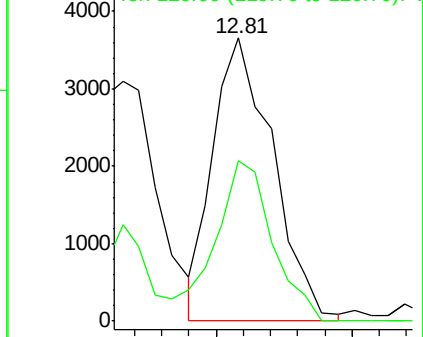
105 100

120 53.7 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 164.569 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003423.D

Acq: 03 Aug 2020 17:39

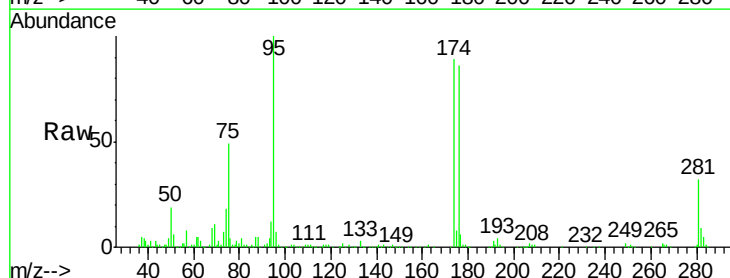
Tgt Ion: 75 Resp: 54246

Ion Ratio Lower Upper

75 100

53 0.9 69.5 104.3#

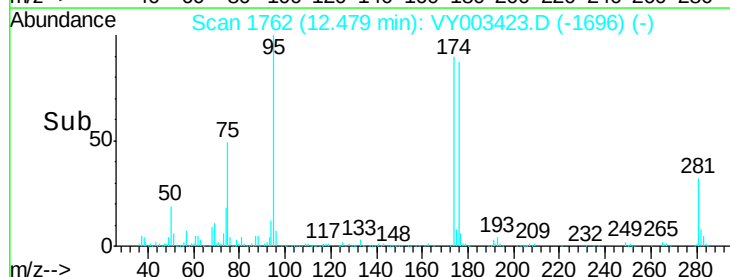
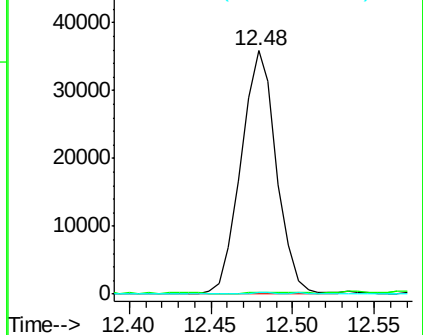
89 0.3 33.8 50.6#

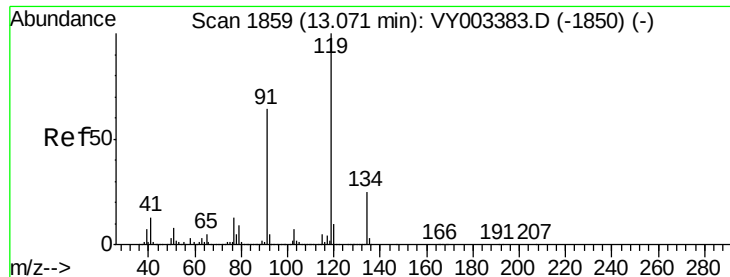


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#83

tert-Butylbenzene

Concen: 1.111 ug/l

RT: 13.31 min Scan# 1899

Delta R.T. 0.24 min

Lab File: VY003423.D

Acq: 03 Aug 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

OILY-DEBRIS-1499RE

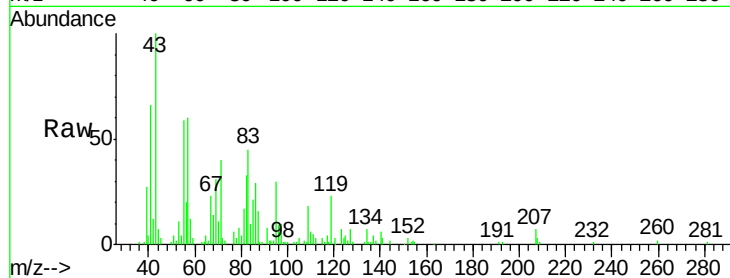
Tot Ion:119 Resp: 3633

Ion Ratio Lower Upper

119 100

91 38.8 31.8 95.3

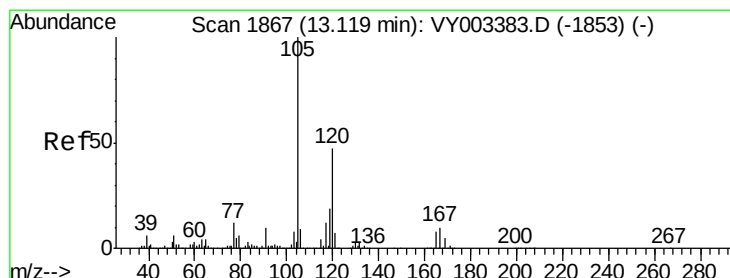
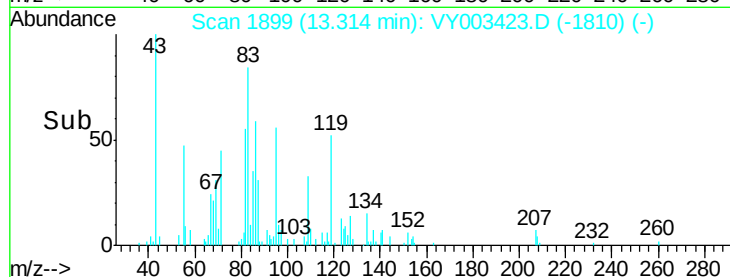
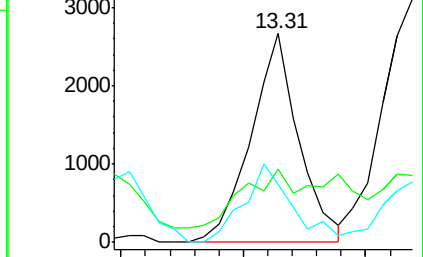
134 38.1 13.6 40.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 3.945 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003423.D

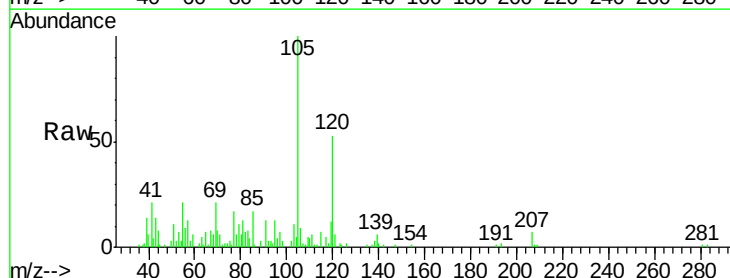
Acq: 03 Aug 2020 17:39

Tgt Ion:105 Resp: 14931

Ion Ratio Lower Upper

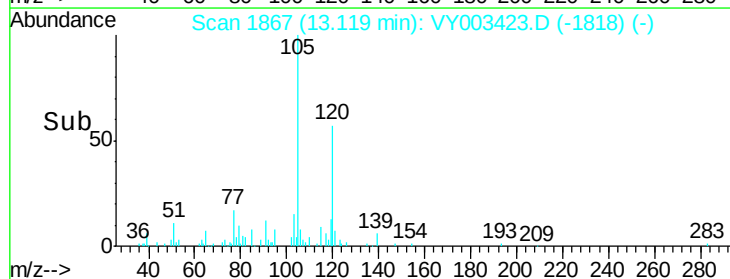
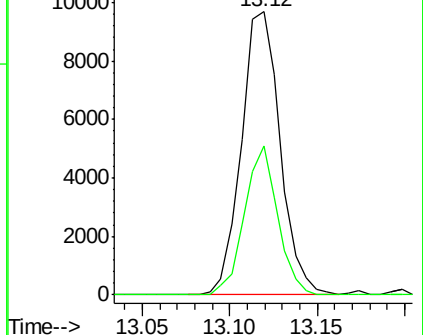
105 100

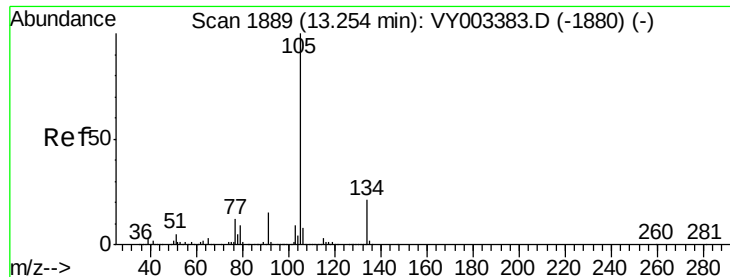
120 45.0 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.340 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY003423.D

Acq: 03 Aug 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

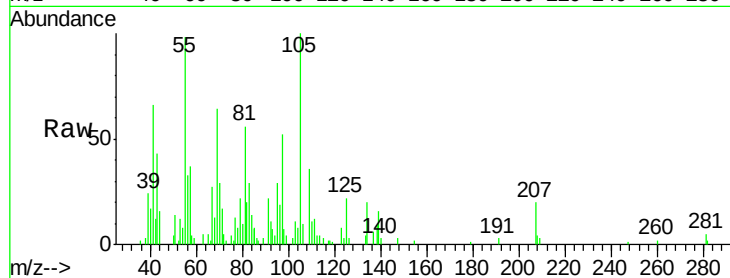
OILY-DEBRIS-1499RE

Tot Ion:105 Resp: 6095

Ion Ratio Lower Upper

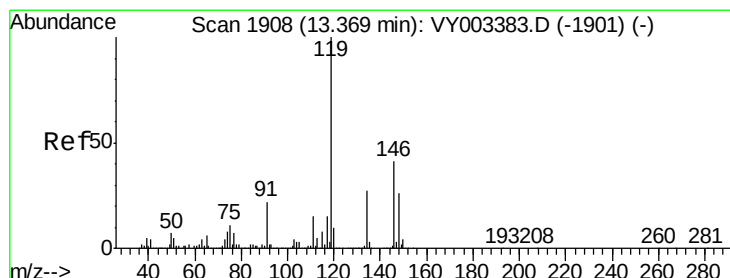
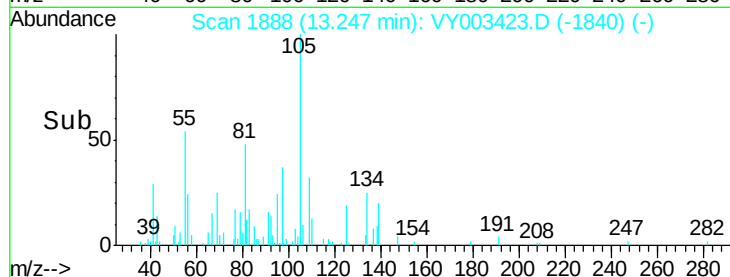
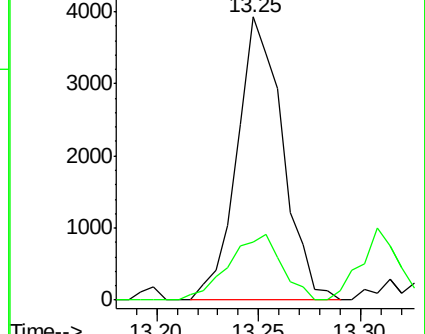
105 100

134 26.8 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.033 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003423.D

Acq: 03 Aug 2020 17:39

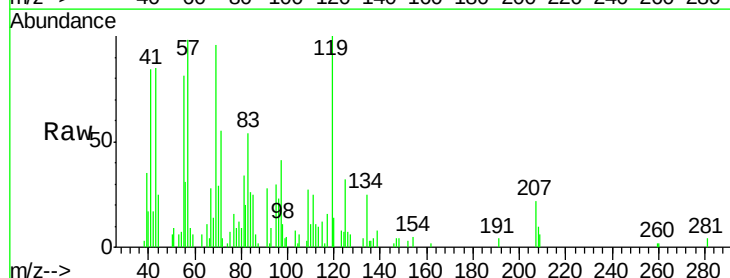
Tgt Ion:119 Resp: 4394

Ion Ratio Lower Upper

119 100

134 33.0 13.5 40.4

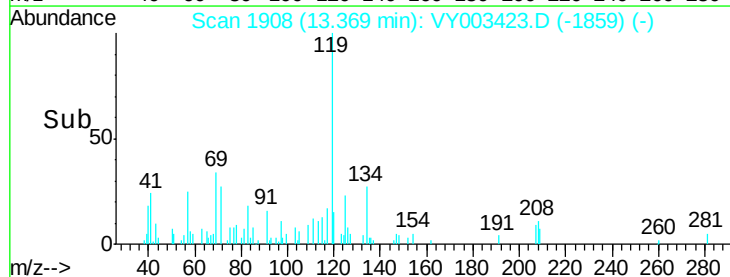
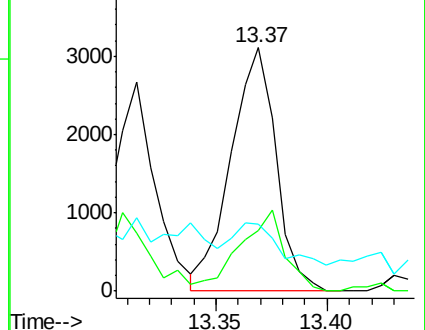
91 18.3 11.4 34.1

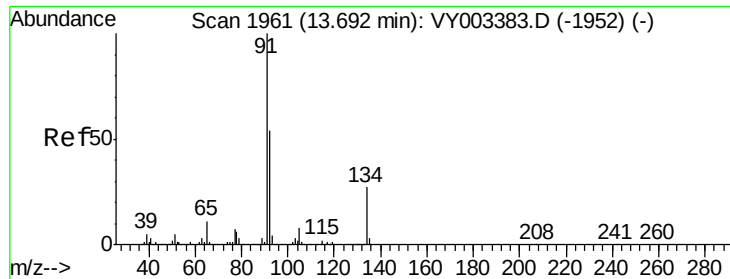


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

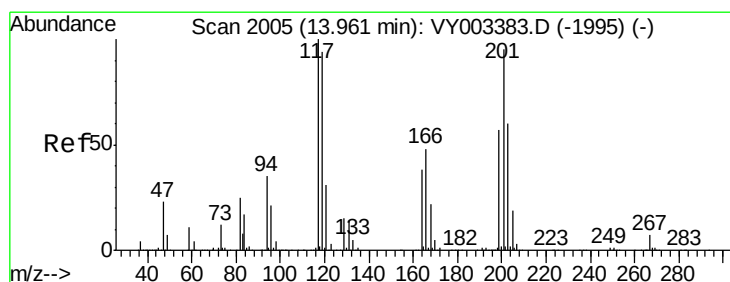
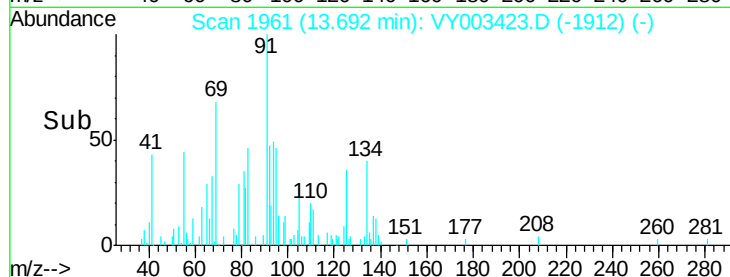
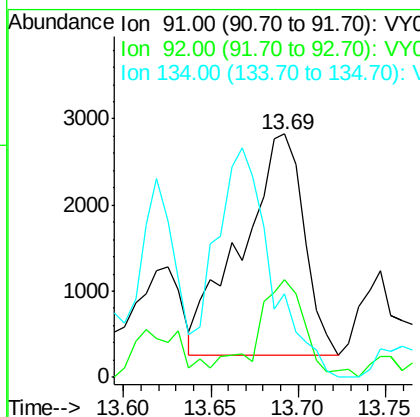
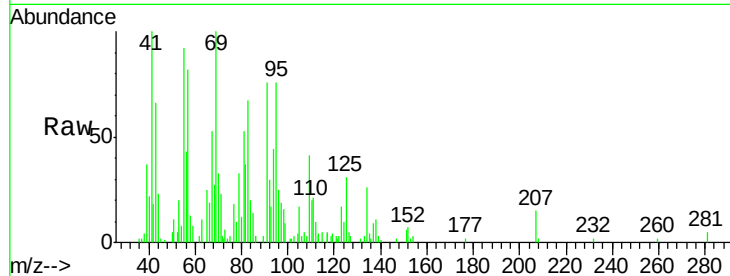




#89
n-Butylbenzene
Concen: 1.589 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003423.D
Acq: 03 Aug 2020 17:39

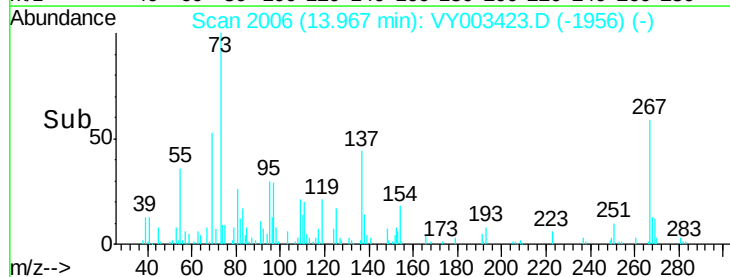
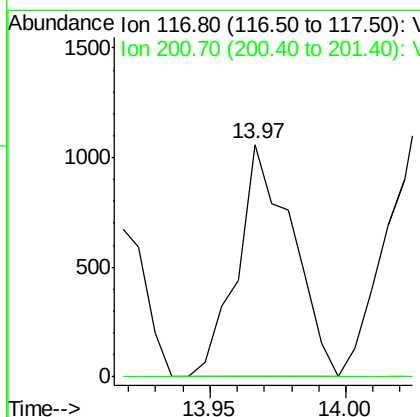
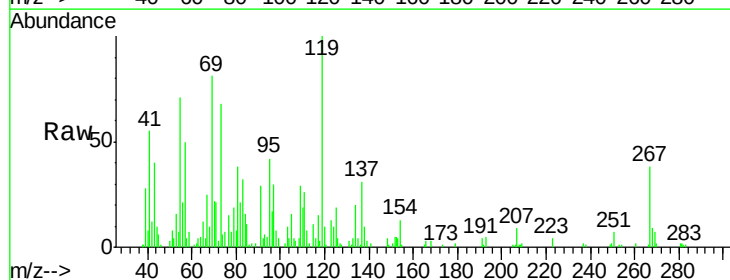
Instrument :
MSVOA_Y
ClientSampleId :
OILY-DEBRIS-1499RE

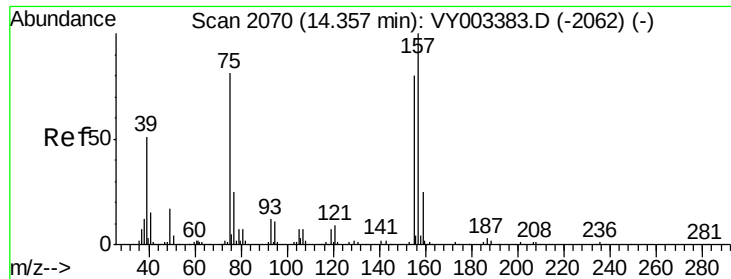
Tot Ion: 91 Resp: 6386
Ion Ratio Lower Upper
91 100
92 27.9 26.9 80.6
134 0.0 13.6 40.7#



#90
Hexachloroethane
Concen: 1.826 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.01 min
Lab File: VY003423.D
Acq: 03 Aug 2020 17:39

Tgt Ion: 117 Resp: 1488
Ion Ratio Lower Upper
117 100
201 0.0 44.7 134.1#

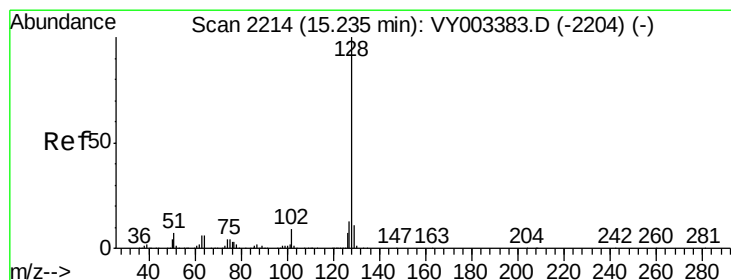
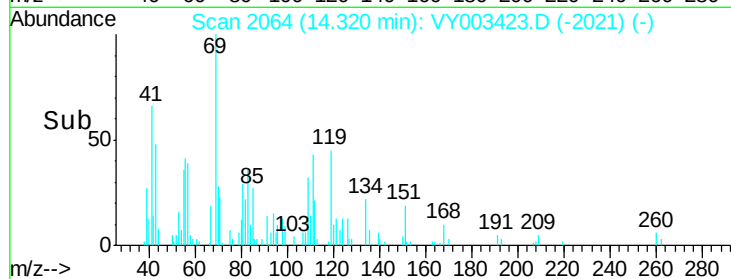
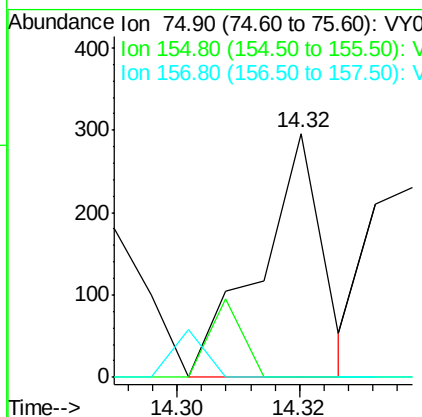
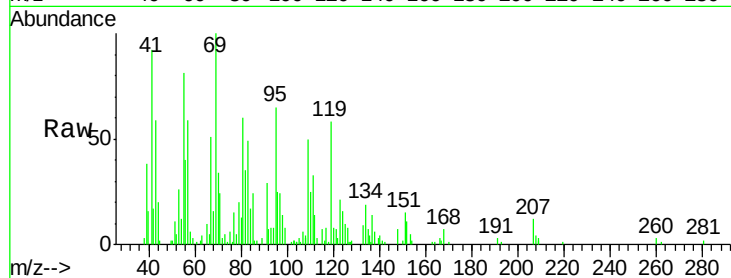




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.460 ug/l
 RT: 14.32 min Scan# 2064
 Delta R.T. -0.04 min
 Lab File: VY003423.D
 Acq: 03 Aug 2020 17:39

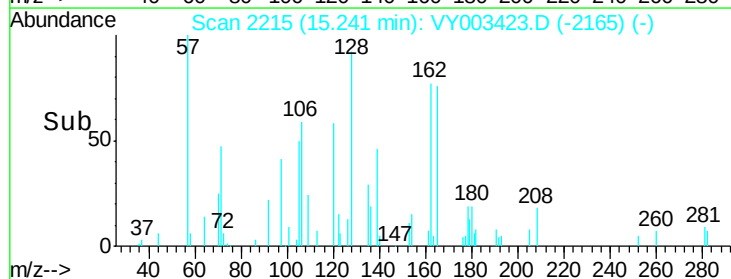
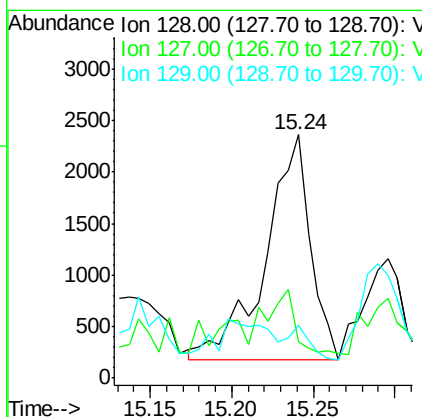
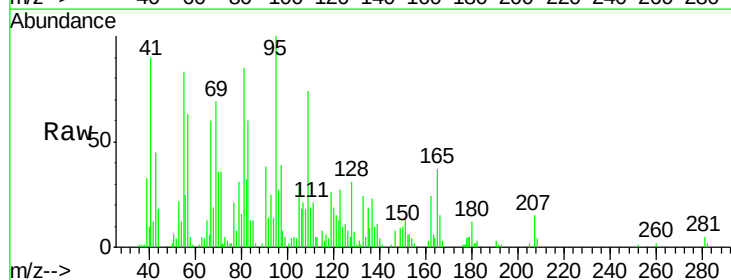
Instrument :
 MSVOA_Y
 ClientSampleId :
 OILY-DEBRIS-1499RE

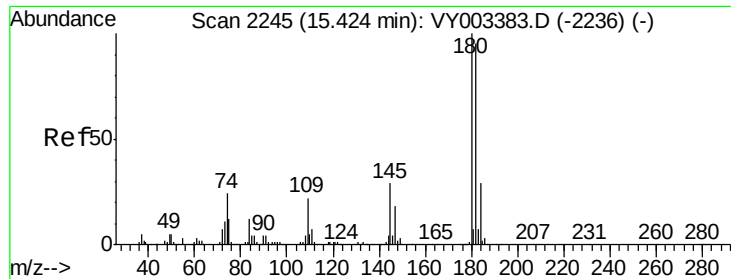
Tot Ion: 75 Resp: 209
 Ion Ratio Lower Upper
 75 100
 155 16.7 48.8 146.4#
 157 10.0 60.9 182.6#



#95
 Naphthalene
 Concen: 1.792 ug/l
 RT: 15.24 min Scan# 2215
 Delta R.T. 0.01 min
 Lab File: VY003423.D
 Acq: 03 Aug 2020 17:39

Tgt Ion: 128 Resp: 4133
 Ion Ratio Lower Upper
 128 100
 127 24.1 10.4 15.6#
 129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.329 ug/l
 RT: 15.44 min Scan# 2247
 Delta R.T. 0.01 min
 Lab File: VY003423.D
 Acq: 03 Aug 2020 17:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 OILY-DEBRIS-1499RE

Tot Ion	Ratio	Lower	Upper
180	100		
182	14.1	47.4	142.2#
145	0.0	14.5	43.5#

