

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053119\
 Data File : VD062577.D
 Acq On : 31 May 2019 21:19
 Operator : VA/AP
 Sample : K3146-01
 Misc : 1.06g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-DEBRI-DRUM

Quant Time: May 31 23:29:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	306282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	402734	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	249253	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	109681	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	208165	57.96	ug/l	0.00
Spiked Amount			Recovery	=	115.92%	
35) Dibromofluoromethane	6.94	113	186609	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
50) Toluene-d8	10.42	98	234732	29.19	ug/l	0.00
Spiked Amount			Recovery	=	58.38%	
62) 4-Bromofluorobenzene	13.56	95	90339	24.91	ug/l	0.00
Spiked Amount			Recovery	=	49.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.76	50	2292	Below Cal	#	43
5) Bromomethane	2.17	94	1200	1.362	ug/l #	41
11) Tert butyl alcohol	4.08	59	2573	16.798	ug/l #	23
13) Acrolein	3.06	56	195	2.922	ug/l #	43
16) Acetone	3.23	43	10332	14.643	ug/l	93
18) Methyl Acetate	3.65	43	3643	3.163	ug/l #	63
20) Methylene Chloride	3.83	84	3055	1.170	ug/l #	73
25) 2-Butanone	6.10	43	899	1.353	ug/l #	62
31) Cyclohexane	7.06	56	8667	2.598	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	26925	6.716	ug/l #	53
38) Carbon Tetrachloride	7.05	117	34998	5.863	ug/l #	21
48) Methyl methacrylate	9.12	41	1787	1.275	ug/l #	74
51) 4-Methyl-2-Pentanone	10.30	43	4695	3.199	ug/l #	82
58) 2-Chloroethyl Vinyl ether	9.86	63	1377	1.430	ug/l #	49
59) 2-Hexanone	11.49	43	4032	3.917	ug/l #	32
67) Ethyl Benzene	12.53	91	20185	2.269	ug/l	100
68) m/p-Xylenes	12.67	106	31784	10.328	ug/l	89
69) o-Xylene	13.05	106	20512	6.987	ug/l	66
73) Isopropylbenzene	13.40	105	23474	3.246	ug/l	97
74) N-amyl acetate	13.23	43	75019	40.690	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	13.72	83	24886	21.701	ug/l #	57
78) n-propylbenzene	13.78	91	112767	13.530	ug/l	99
79) 2-Chlorotoluene	13.86	91	69934	14.471	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.94	105	306043	49.532	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.56	75	49336	130.848	ug/l #	14
82) 4-Chlorotoluene	13.94	91	42270	7.306	ug/l #	41
83) tert-Butylbenzene	14.24	119	162793	23.612	ug/l #	55
84) 1,2,4-Trimethylbenzene	14.24	105	1653832	262.677	ug/l	99
85) sec-Butylbenzene	14.37	105	112729	15.435	ug/l	96
86) p-Isopropyltoluene	14.50	119	123217	18.058	ug/l	96
89) n-Butylbenzene	14.80	91	304298	49.957	ug/l	95
90) Hexachloroethane	15.01	117	64717	35.749	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	15.38	75	10555	44.388	ug/l #	15
95) Naphthalene	16.13	128	323272	102.686	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri May 31 02:08:29 2019
Response via : Initial Calibration

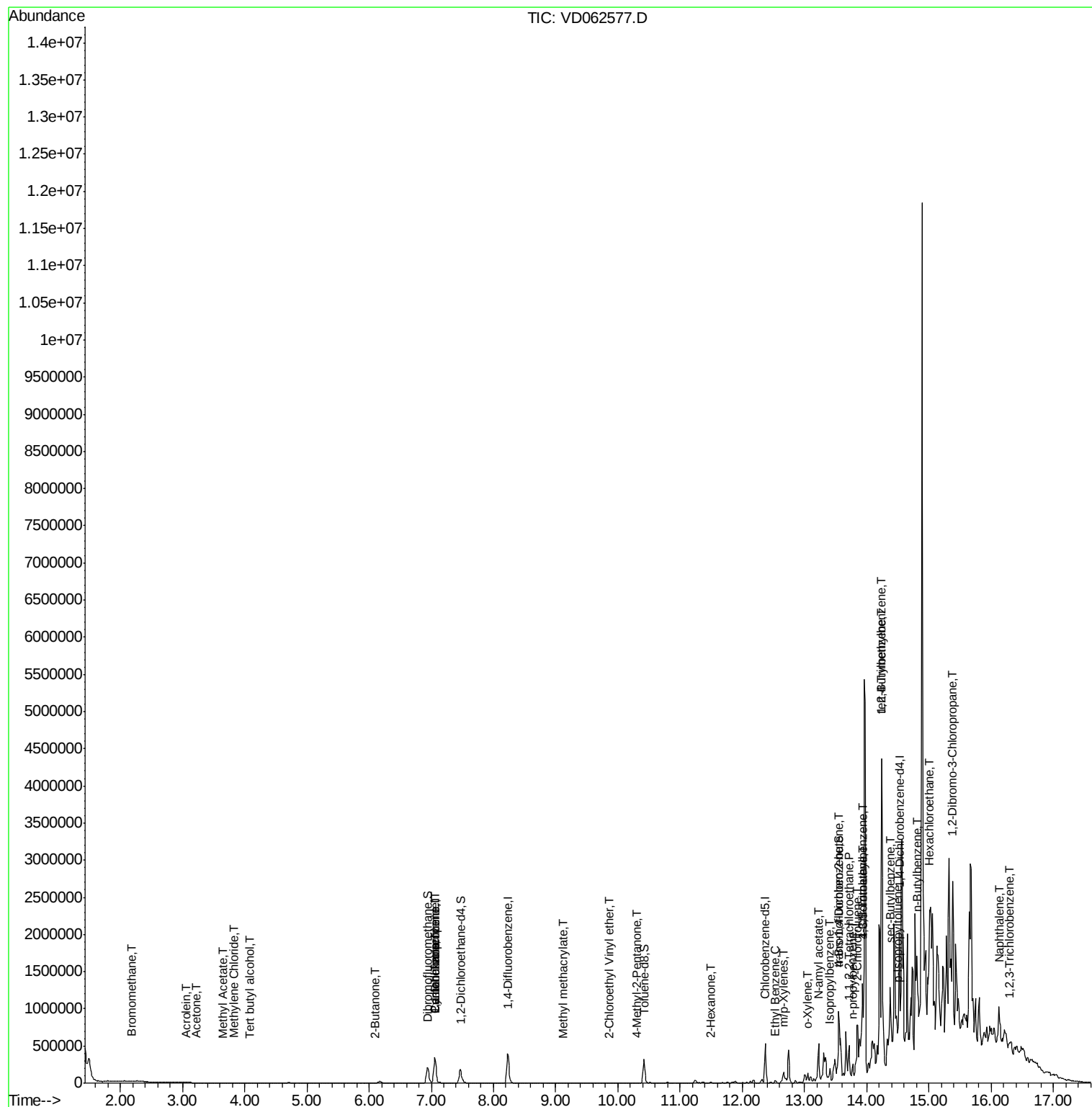
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	16.30	180	2432	1.408	ug/l #	28

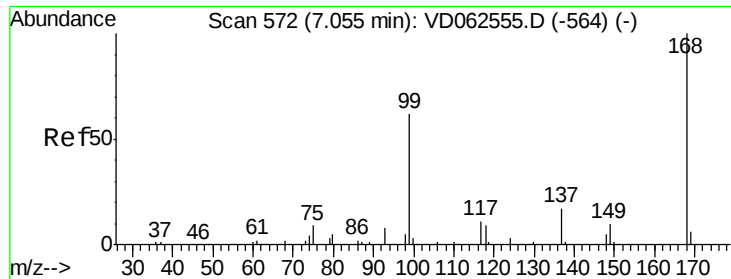
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.00 min

Lab File: VD062577.D

Acq: 31 May 2019 21:19

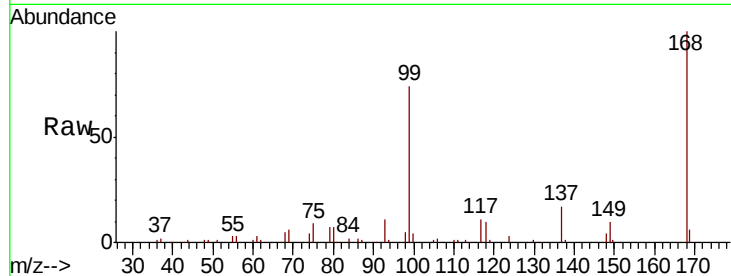
Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRI-DRUM

Tot Ion:168 Resp: 306282

Ion Ratio Lower Upper

168 100

99 73.6 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

120000

100000

80000

60000

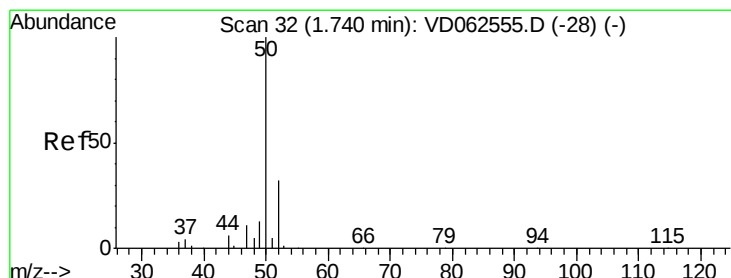
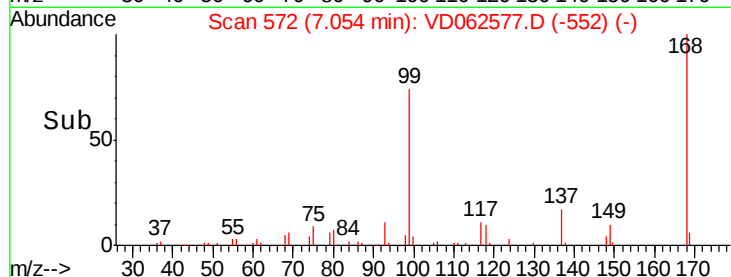
40000

20000

0

Time-->

6.90 7.00 7.10 7.20



#3

Chloromethane

Concen: Below Cal

RT: 1.76 min Scan# 34

Delta R.T. 0.02 min

Lab File: VD062577.D

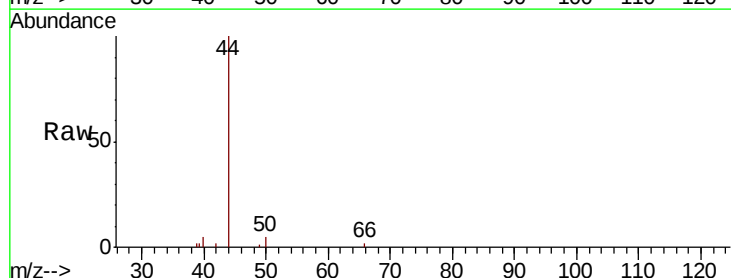
Acq: 31 May 2019 21:19

Tgt Ion: 50 Resp: 2292

Ion Ratio Lower Upper

50 100

52 0.0 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

1.76

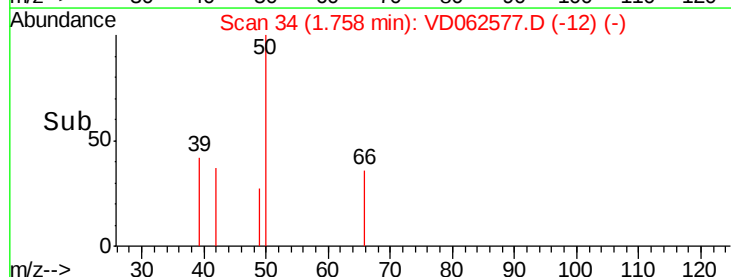
1000

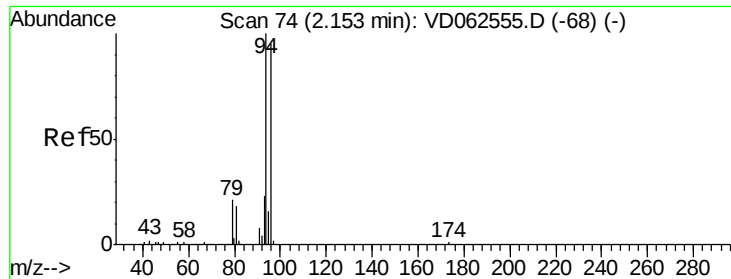
500

0

Time-->

1.70 1.75 1.80





#5

Bromomethane

Concen: 1.362 ug/l

RT: 2.17 min Scan# 76

Delta R.T. 0.02 min

Lab File: VD062577.D

Acq: 31 May 2019 21:19

Instrument :

MSVOA_D

ClientSampleId :

OILY-DEBRI-DRUM

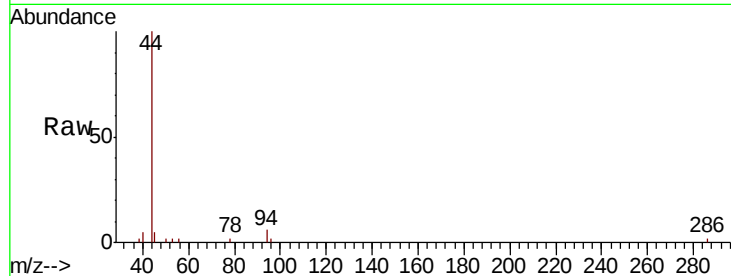
Tot Ion: 94 Resp: 1200

Ion Ratio Lower Upper

94 100

96 34.8 76.2 114.4#

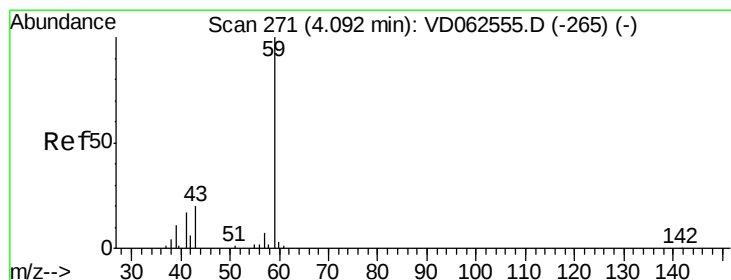
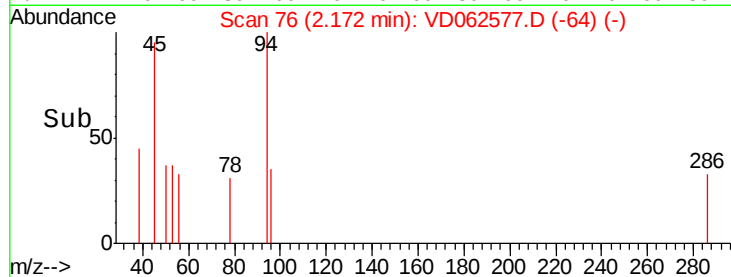
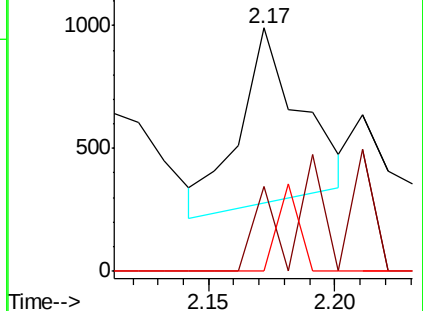
93 0.0 18.4 27.6#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#11

Tert butyl alcohol

Concen: 16.798 ug/l

RT: 4.08 min Scan# 270

Delta R.T. -0.01 min

Lab File: VD062577.D

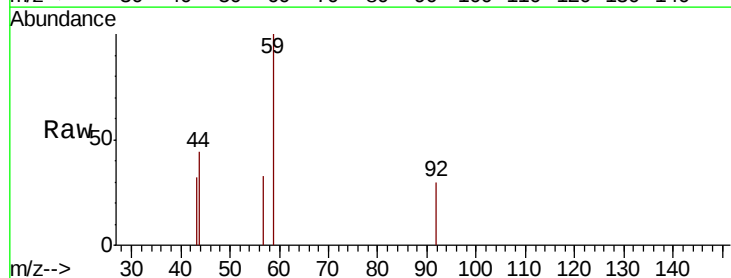
Acq: 31 May 2019 21:19

Tgt Ion: 59 Resp: 2573

Ion Ratio Lower Upper

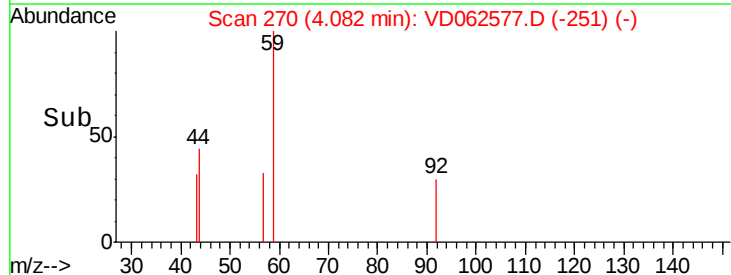
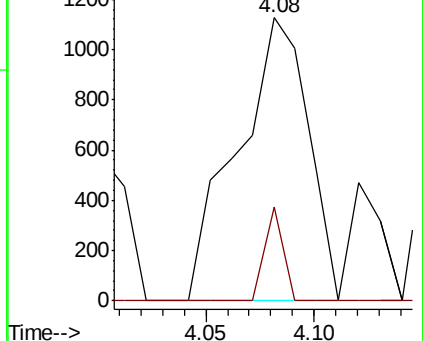
59 100

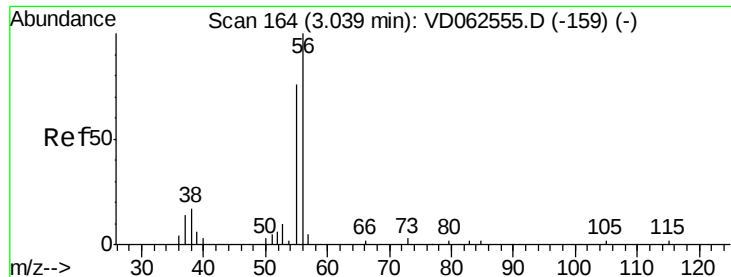
57 33.0 5.4 8.0#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#13

Acrolein

Concen: 2.922 ug/l

RT: 3.06 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD062577.D

Acq: 31 May 2019 21:19

Instrument :

MSVOA_D

ClientSampleId :

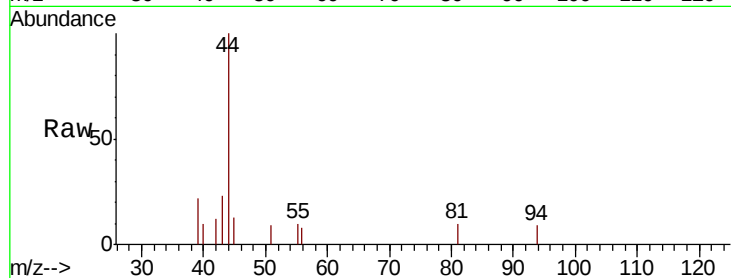
OILY-DEBRI-DRUM

Tot Ion: 56 Resp: 195

Ion Ratio Lower Upper

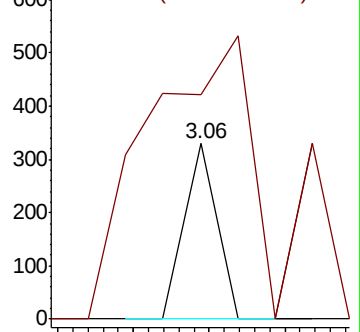
56 100

55 127.9 62.6 93.8#

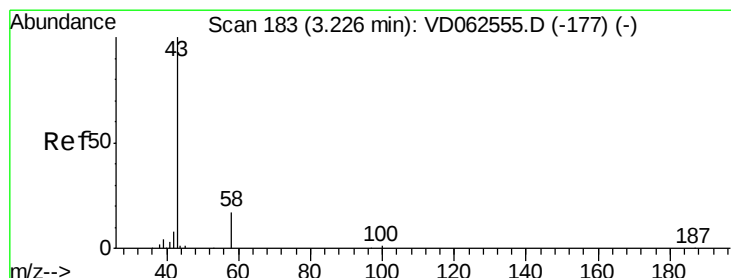
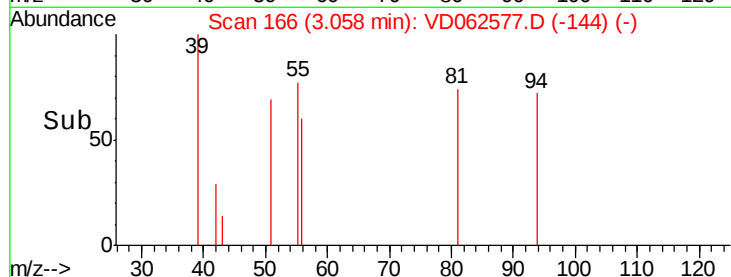


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



Time-->



#16

Acetone

Concen: 14.643 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062577.D

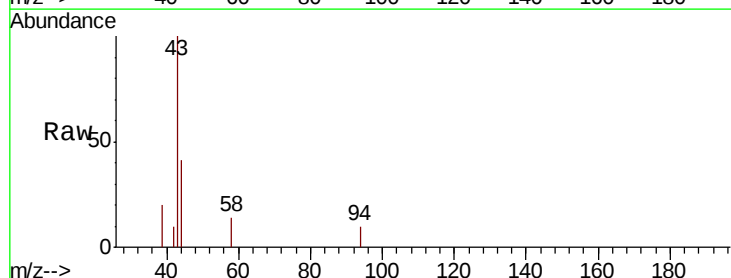
Acq: 31 May 2019 21:19

Tgt Ion: 43 Resp: 10332

Ion Ratio Lower Upper

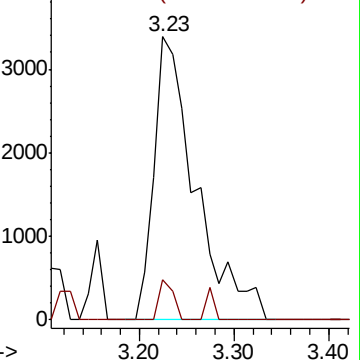
43 100

58 14.2 13.8 20.8

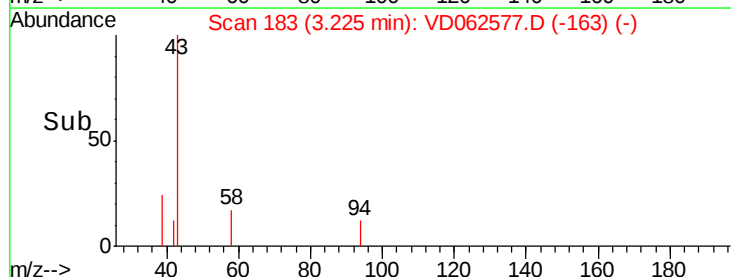


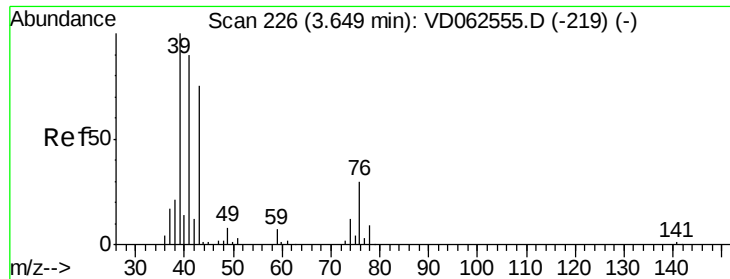
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



Time-->

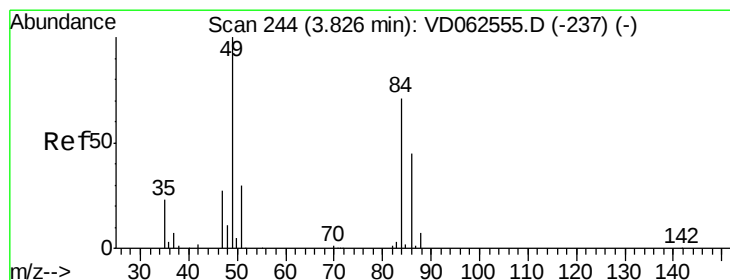
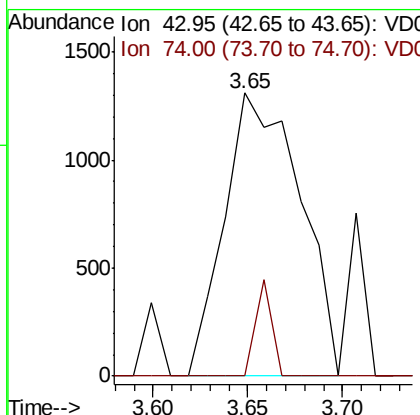
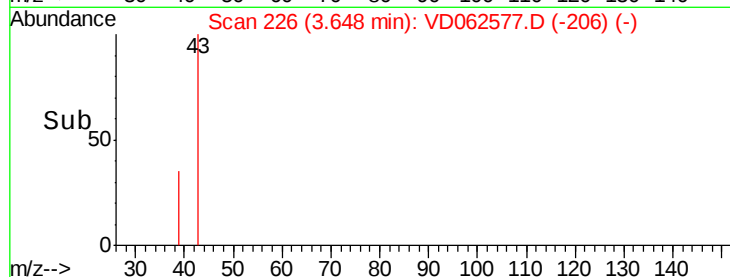
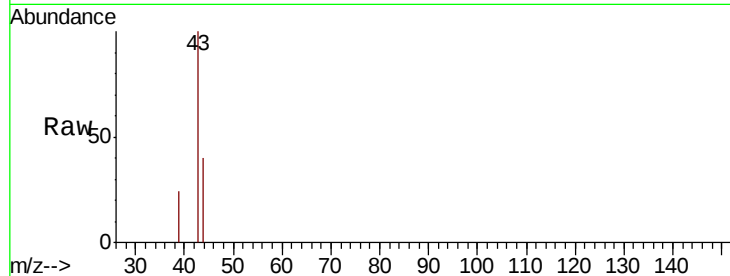




#18
Methvl Acetate
Concen: 3.163 ug/l
RT: 3.65 min Scan# 226
Delta R.T. -0.00 min
Lab File: VD062577.D
Acq: 31 May 2019 21:19

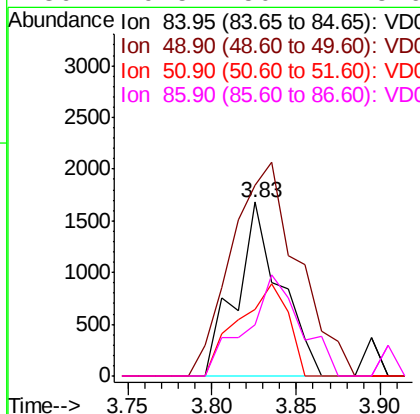
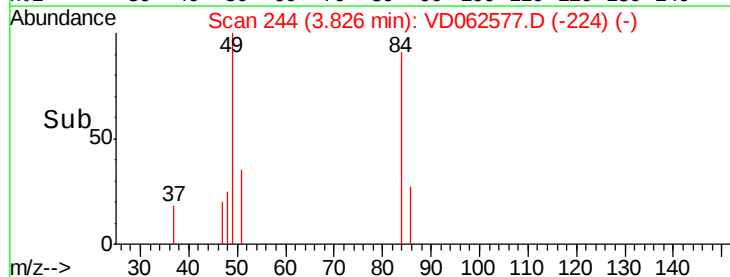
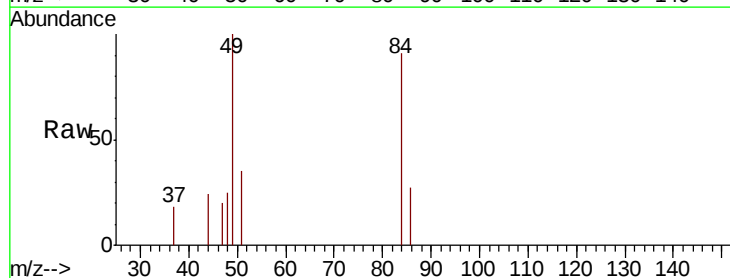
Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRI-DRUM

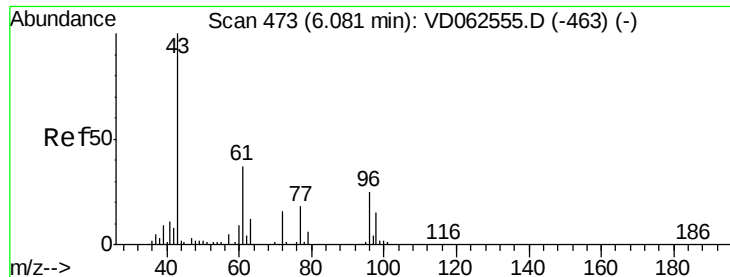
Tot Ion: 43 Resp: 3643
Ion Ratio Lower Upper
43 100
74 0.0 12.5 18.7#



#20
Methylene Chloride
Concen: 1.170 ug/l
RT: 3.83 min Scan# 244
Delta R.T. -0.00 min
Lab File: VD062577.D
Acq: 31 May 2019 21:19

Tgt Ion: 84 Resp: 3055
Ion Ratio Lower Upper
84 100
49 109.5 112.3 168.5#
51 37.9 33.6 50.4
86 29.5 50.4 75.6#





#25

2-Butanone

Concen: 1.353 ug/l

RT: 6.10 min Scan# 475

Delta R.T. 0.02 min

Lab File: VD062577.D

Acq: 31 May 2019 21:19

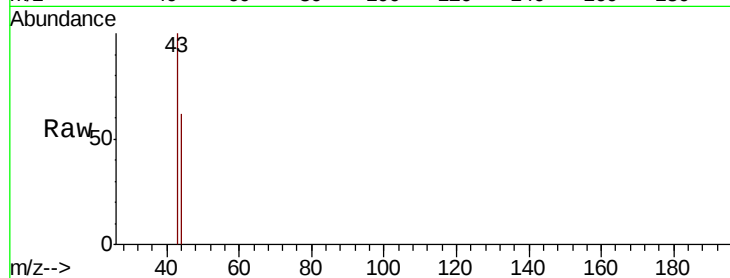
Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRI-DRUM

Tot Ion: 43 Resp: 899

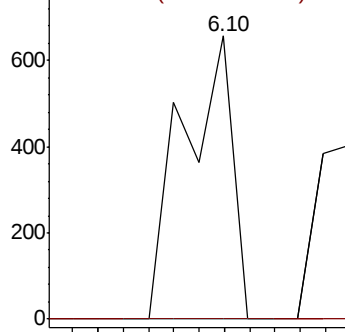
Ion Ratio Lower Upper

43 100

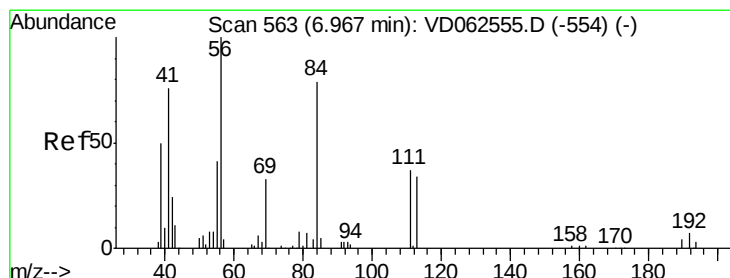
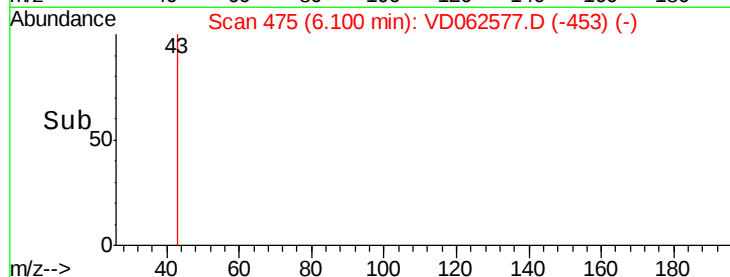
72 0.0 12.7 19.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC



Time-->



#31

Cyclohexane

Concen: 2.598 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.10 min

Lab File: VD062577.D

Acq: 31 May 2019 21:19

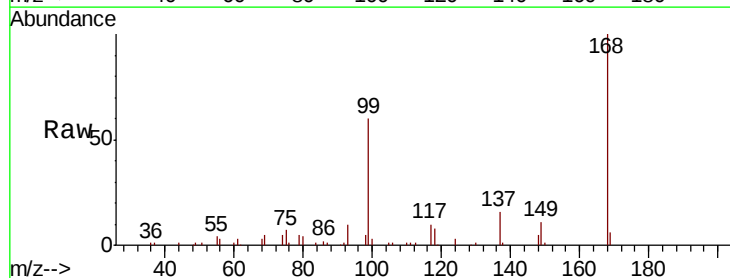
Tgt Ion: 56 Resp: 8667

Ion Ratio Lower Upper

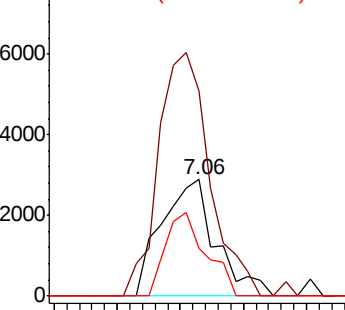
56 100

69 175.6 26.2 39.2#

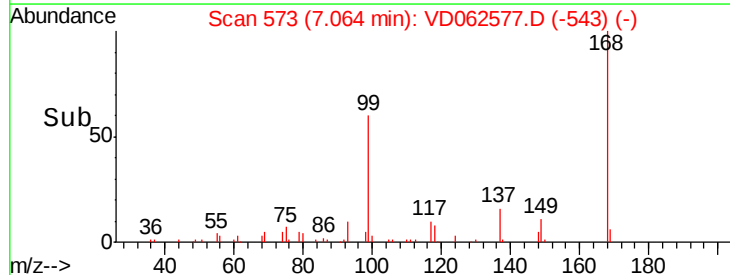
84 41.4 65.2 97.8#

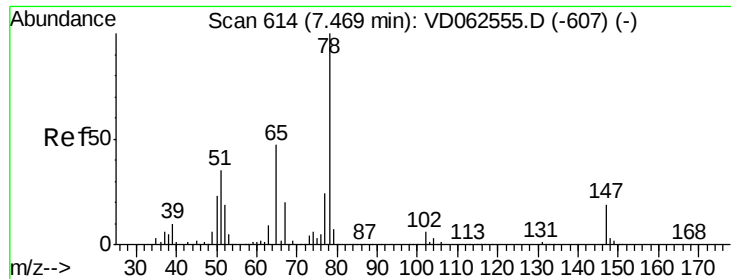


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC



Time-->

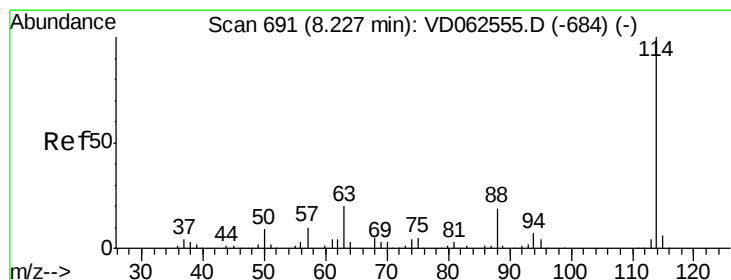
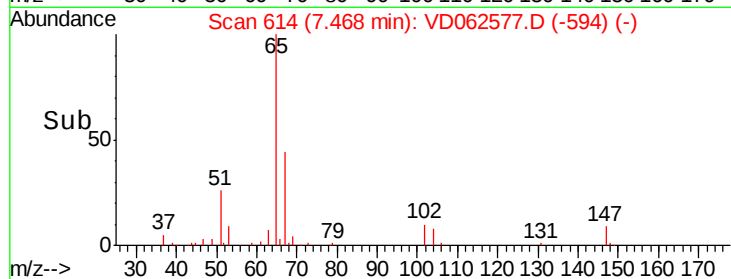
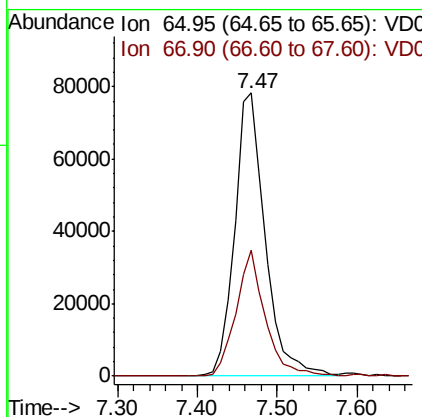
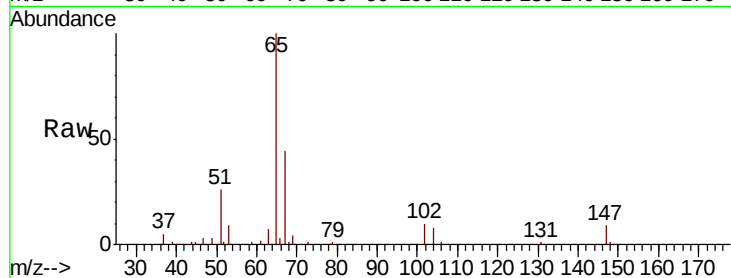




#33
 1,2-Dichloroethane-d4
 Concen: 57.965 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: VD062577.D
 Acq: 31 May 2019 21:19

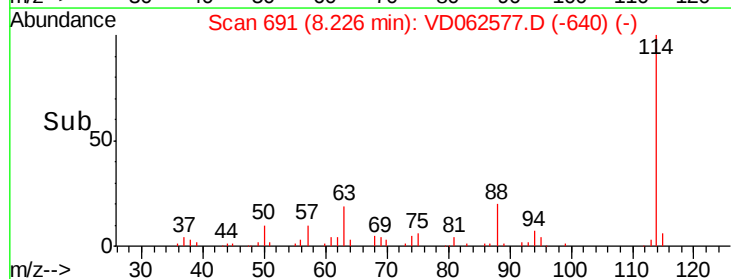
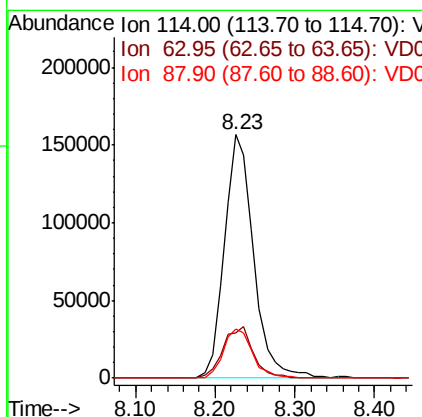
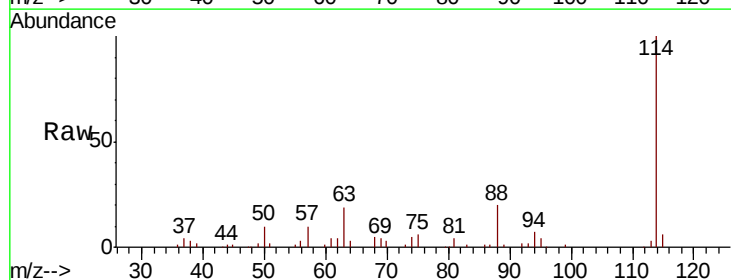
Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-DEBRI-DRUM

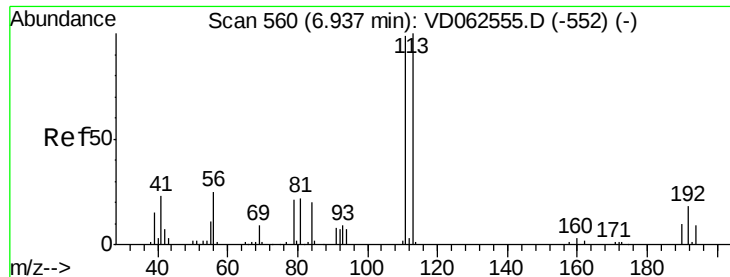
Tot Ion: 65 Resp: 208165
 Ion Ratio Lower Upper
 65 100
 67 44.4 0.0 83.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: VD062577.D
 Acq: 31 May 2019 21:19

Tgt Ion: 114 Resp: 402734
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 40.6
 88 20.1 0.0 37.6





#35

Dibromofluoromethane

Concen: 50.848 ug/l

RT: 6.94 min Scan# 560

Delta R.T. -0.00 min

Lab File: VD062577.D

Acq: 31 May 2019 21:19

Instrument :

MSVOA_D

ClientSampleId :

OILY-DEBRI-DRUM

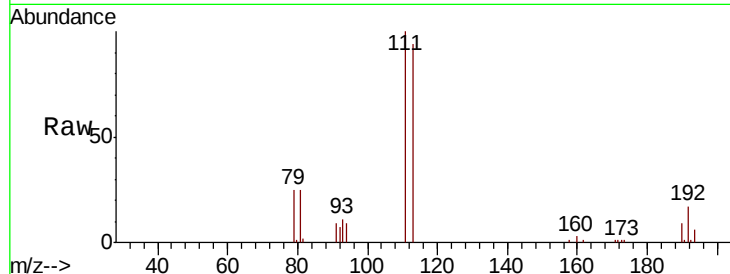
Tot Ion:113 Resp: 186609

Ion Ratio Lower Upper

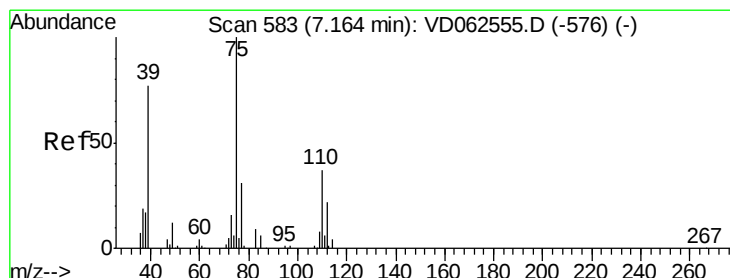
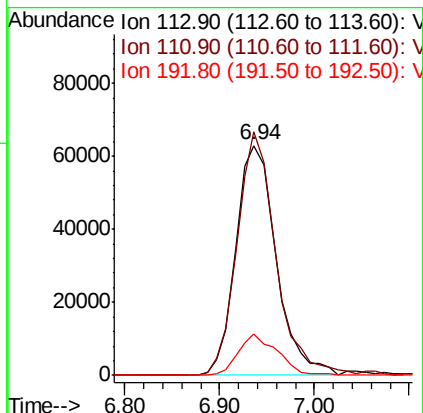
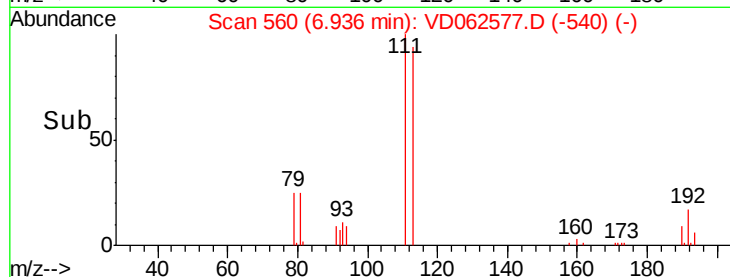
113 100

111 105.9 78.8 118.2

192 17.9 14.6 22.0



Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 6.716 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.11 min

Lab File: VD062577.D

Acq: 31 May 2019 21:19

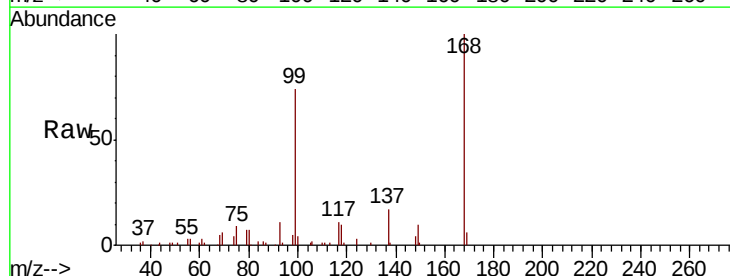
Tgt Ion: 75 Resp: 26925

Ion Ratio Lower Upper

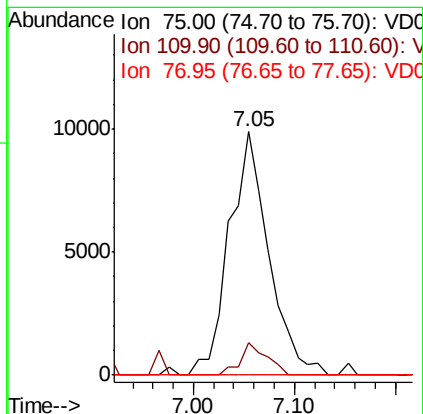
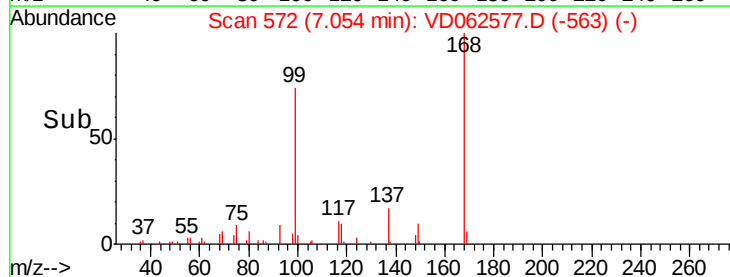
75 100

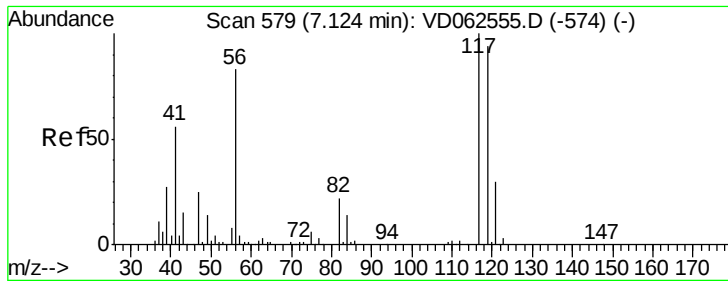
110 13.2 18.3 54.8#

77 0.0 24.4 36.6#



Abundance Ion 75.00 (74.70 to 75.70): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 5.863 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.07 min

Lab File: VD062577.D

Acq: 31 May 2019 21:19

Instrument :

MSVOA_D

ClientSampleId :

OILY-DEBRI-DRUM

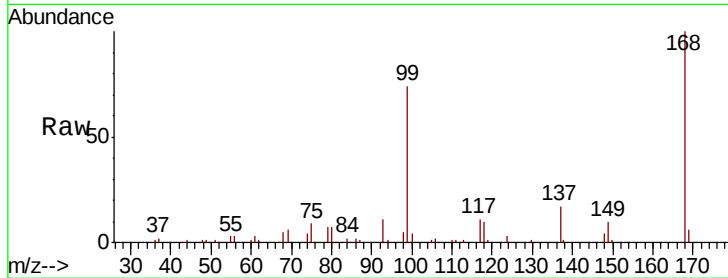
Tot Ion:117 Resp: 34998

Ion Ratio Lower Upper

117 100

119 7.1 71.4 107.2#

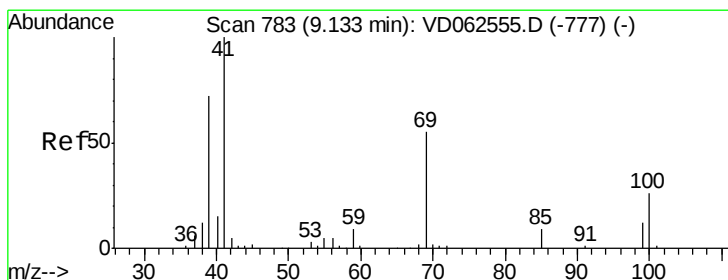
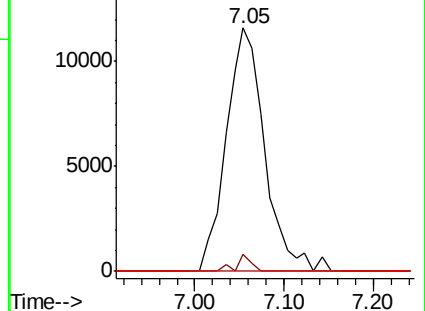
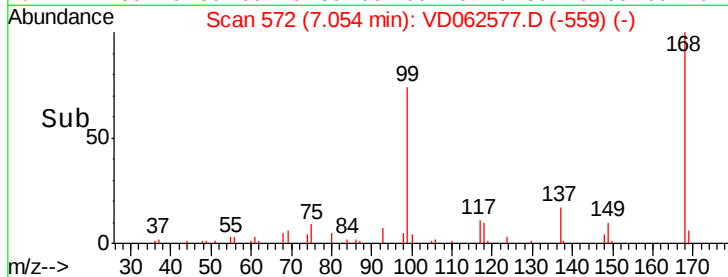
121 0.0 22.5 33.7#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#48

Methyl methacrylate

Concen: 1.275 ug/l

RT: 9.12 min Scan# 782

Delta R.T. -0.01 min

Lab File: VD062577.D

Acq: 31 May 2019 21:19

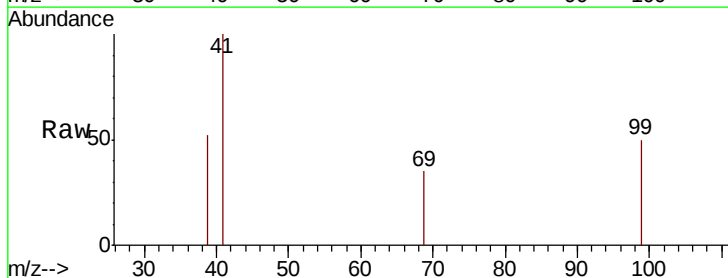
Tgt Ion: 41 Resp: 1787

Ion Ratio Lower Upper

41 100

69 35.3 43.6 65.4#

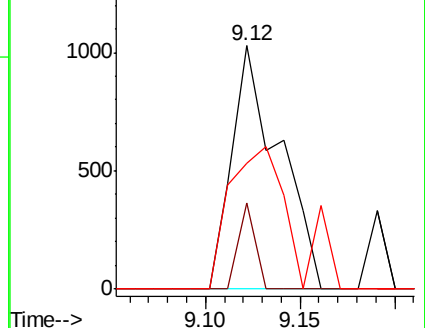
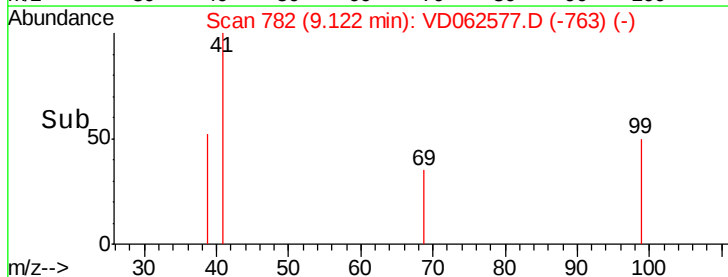
39 51.9 58.1 87.1#

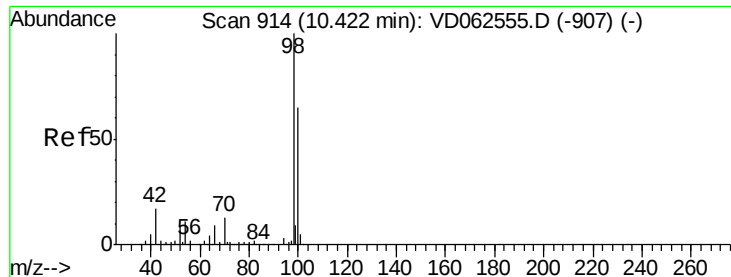


Abundance Ion 40.95 (40.65 to 41.65): V

Ion 69.00 (68.70 to 69.70): V

Ion 38.95 (38.65 to 39.65): V





#50

Toluene-d8

Concen: 29.192 ug/l

RT: 10.42 min Scan# 914

Delta R.T. -0.00 min

Lab File: VD062577.D

Acq: 31 May 2019 21:19

Instrument :

MSVOA_D

ClientSampleId :

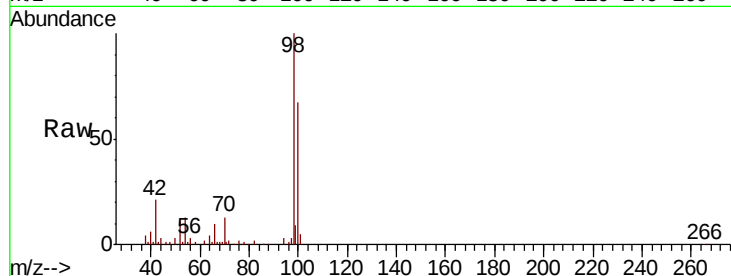
OILY-DEBRI-DRUM

Tot Ion: 98 Resp: 234732

Ion Ratio Lower Upper

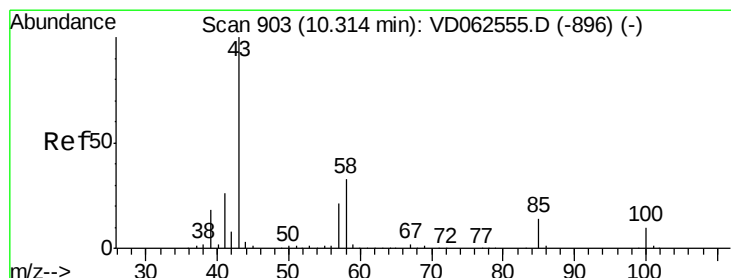
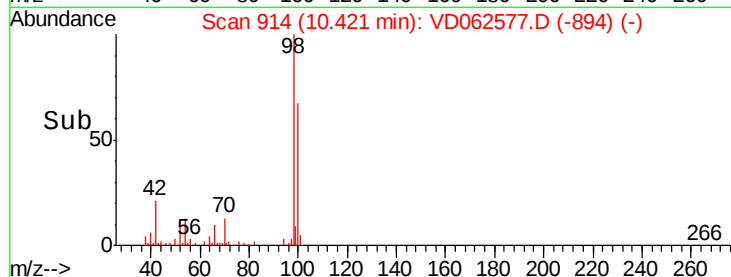
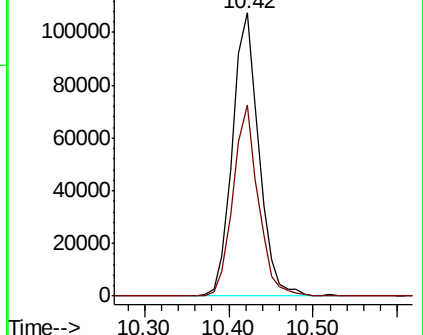
98 100

100 67.4 52.3 78.5



Abundance Ion 98.05 (97.75 to 98.75): VD062555.D (-907) (-)

Ion 100.05 (99.75 to 100.75): VD062555.D (-907) (-)



#51

4-Methyl-2-Pentanone

Concen: 3.199 ug/l

RT: 10.30 min Scan# 902

Delta R.T. -0.01 min

Lab File: VD062577.D

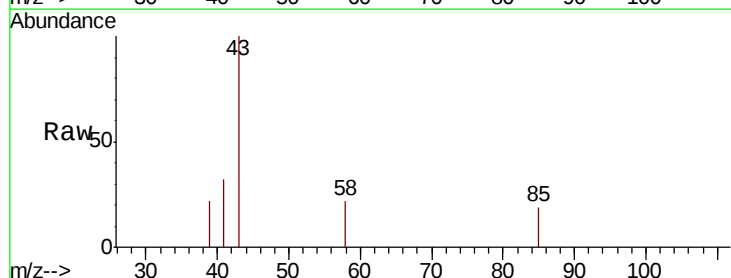
Acq: 31 May 2019 21:19

Tgt Ion: 43 Resp: 4695

Ion Ratio Lower Upper

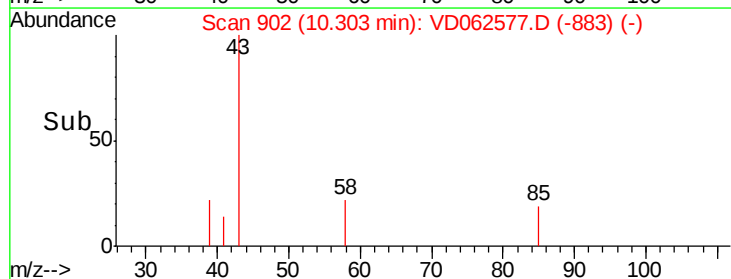
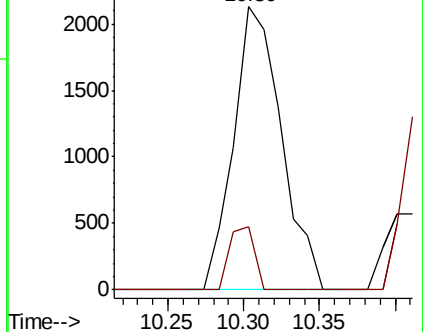
43 100

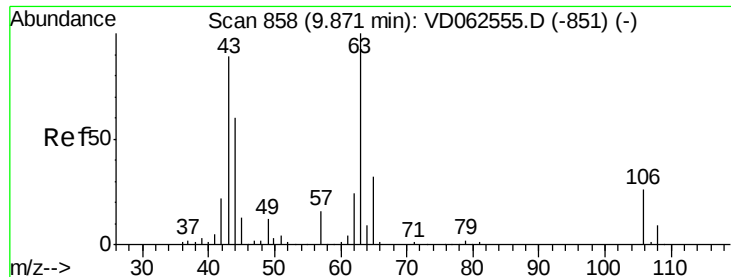
58 22.4 26.1 39.1#



Abundance Ion 42.95 (42.65 to 43.65): VD062555.D (-896) (-)

Ion 57.95 (57.65 to 58.65): VD062555.D (-896) (-)





#58

2-Chloroethyl Vinyl ether

Concen: 1.430 ug/l

RT: 9.86 min Scan# 857

Delta R.T. -0.01 min

Lab File: VD062577.D

Acq: 31 May 2019 21:19

Instrument :

MSVOA_D

ClientSampleId :

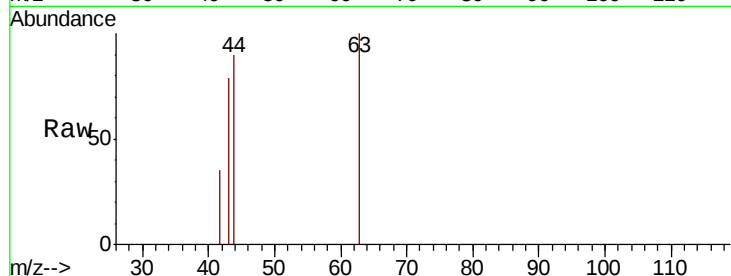
OILY-DEBRI-DRUM

Tot Ion: 63 Resp: 1377

Ion Ratio Lower Upper

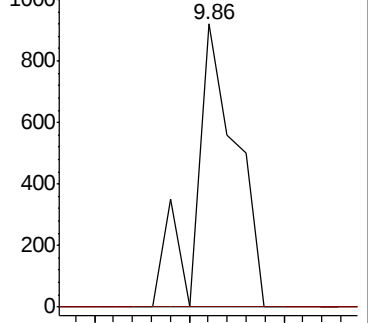
63 100

106 0.0 21.0 31.4#

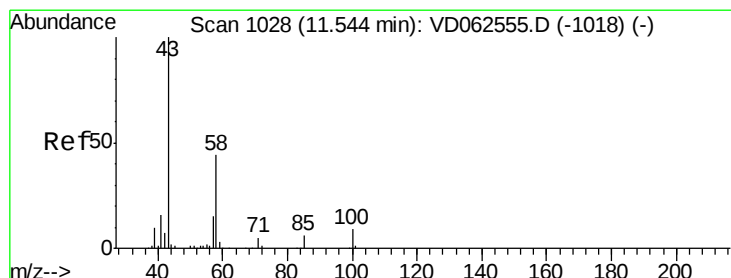
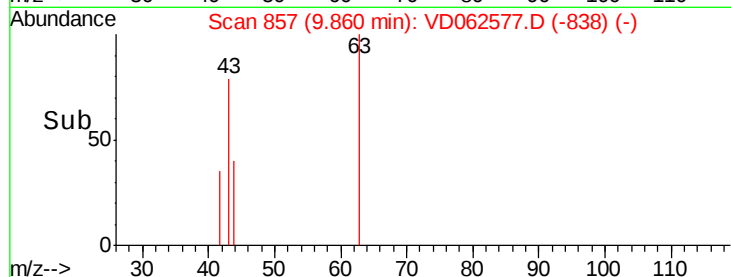


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC



Time-->



#59

2-Hexanone

Concen: 3.917 ug/l

RT: 11.49 min Scan# 1023

Delta R.T. -0.05 min

Lab File: VD062577.D

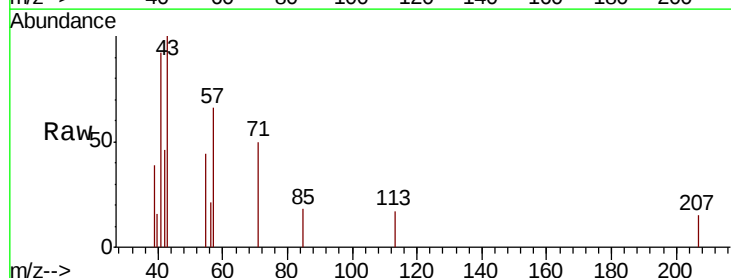
Acq: 31 May 2019 21:19

Tgt Ion: 43 Resp: 4032

Ion Ratio Lower Upper

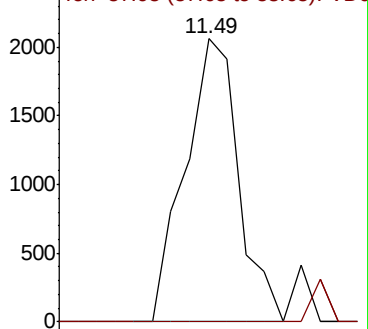
43 100

58 0.0 22.0 66.0#

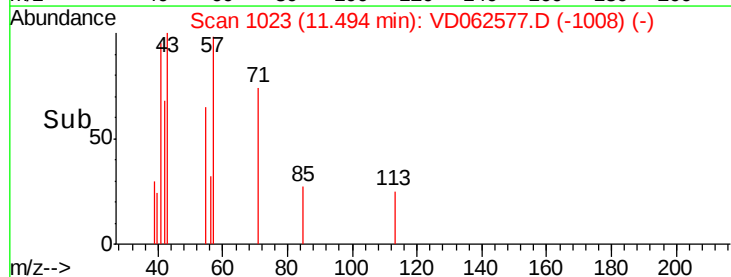


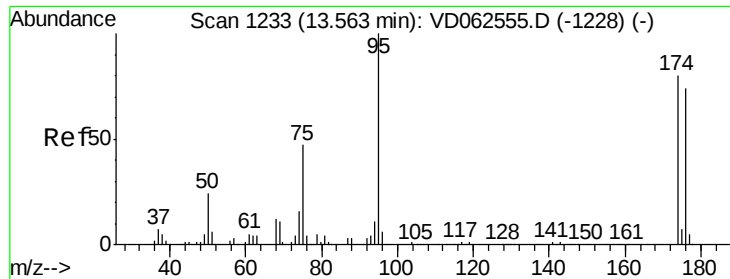
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



Time-->





#62

4-Bromofluorobenzene

Concen: 24.912 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VD062577.D

Acq: 31 May 2019 21:19

Instrument :

MSVOA_D

ClientSampleId :

OILY-DEBRI-DRUM

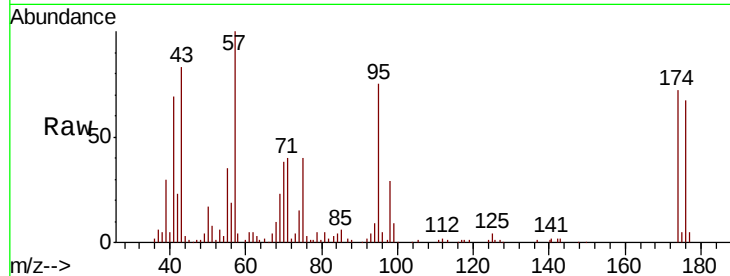
Tot Ion: 95 Resp: 90339

Ion Ratio Lower Upper

95 100

174 95.9 0.0 160.2

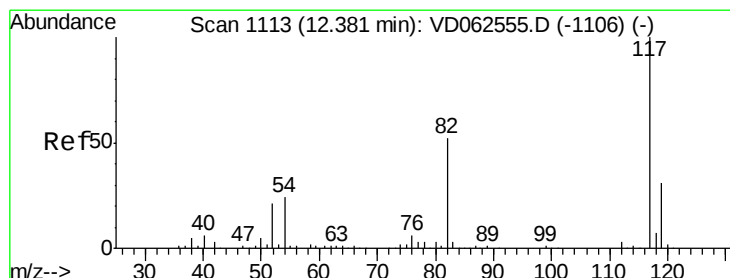
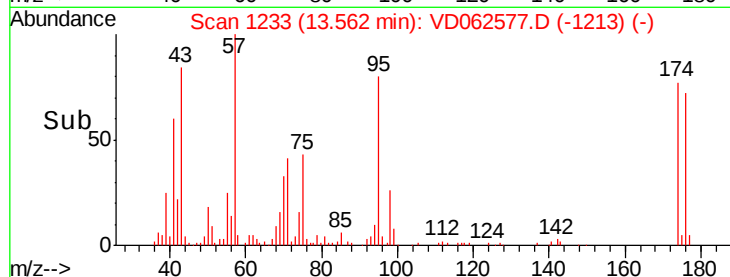
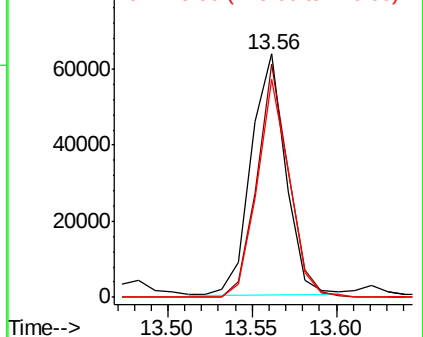
176 89.5 0.0 148.0



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VD062577.D

Acq: 31 May 2019 21:19

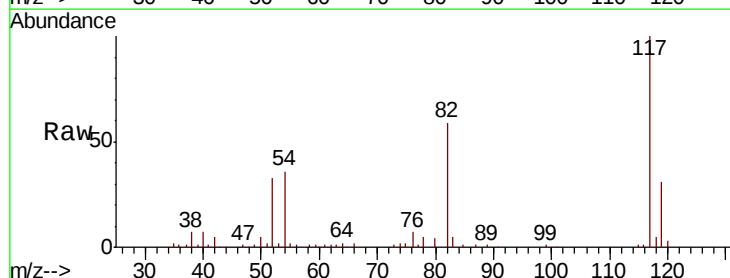
Tgt Ion: 117 Resp: 249253

Ion Ratio Lower Upper

117 100

82 59.2 41.4 62.2

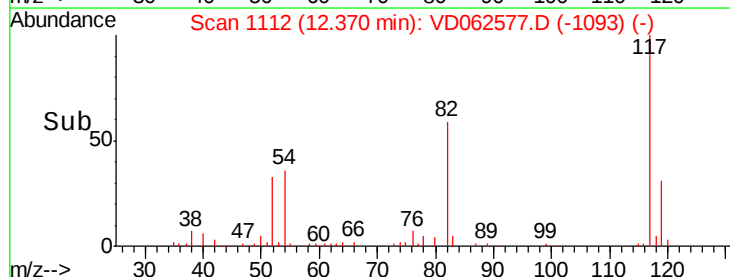
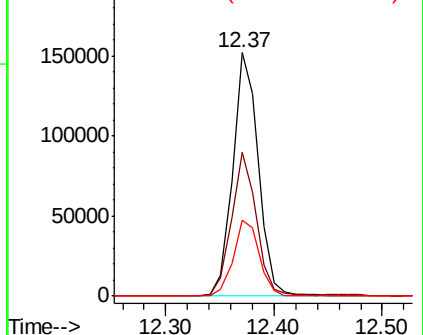
119 31.0 24.9 37.3

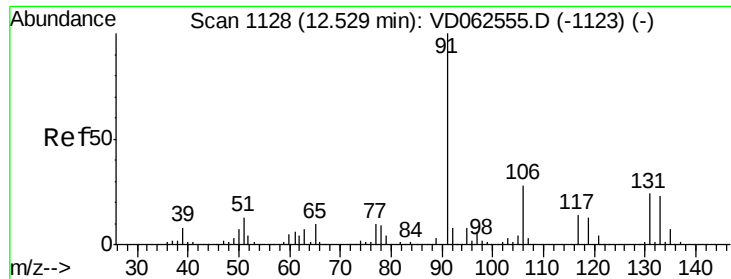


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

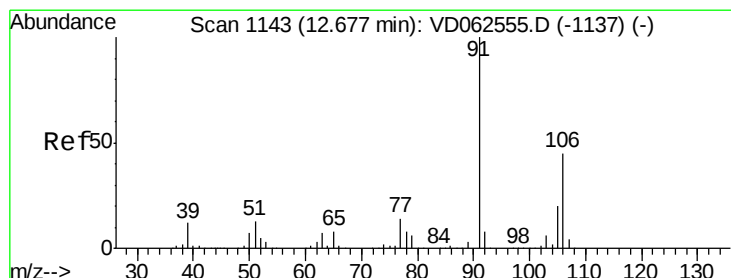
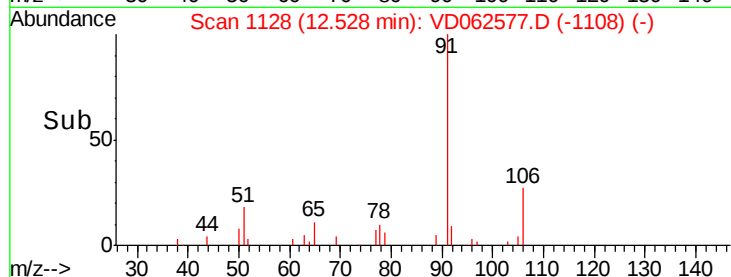
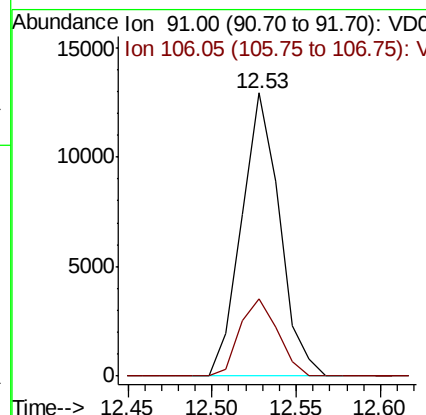
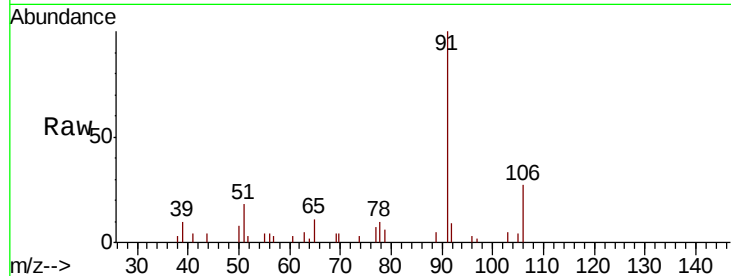




#67
Ethyl Benzene
Concen: 2.269 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VD062577.D
Acq: 31 May 2019 21:19

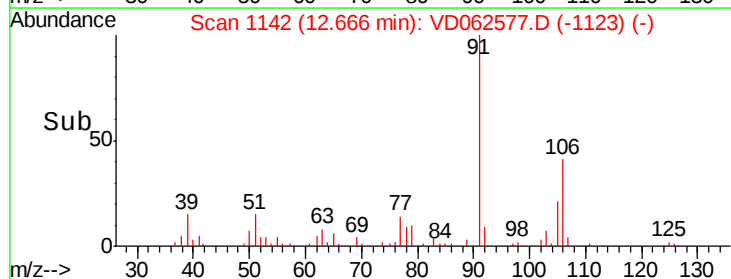
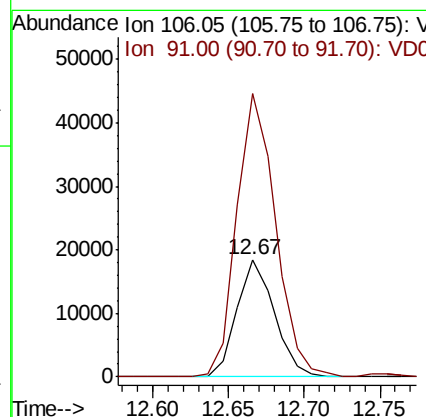
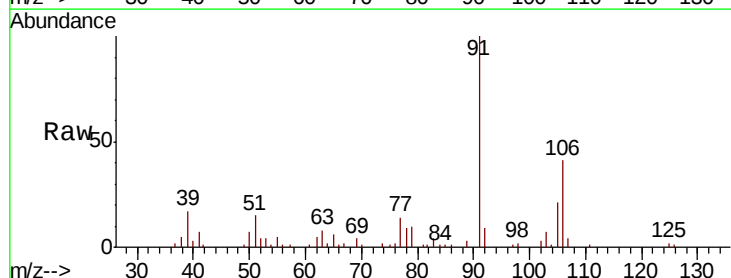
Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRI-DRUM

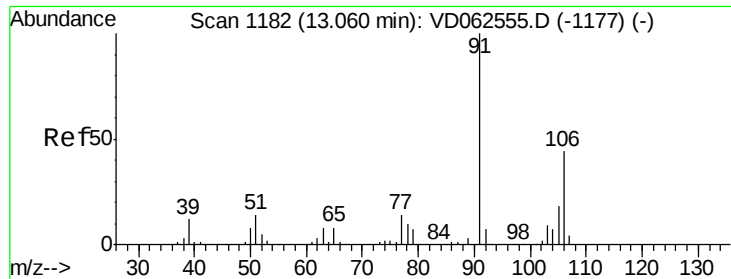
Tot Ion: 91 Resp: 20185
Ion Ratio Lower Upper
91 100
106 27.4 22.2 33.2



#68
m/p-Xylenes
Concen: 10.328 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VD062577.D
Acq: 31 May 2019 21:19

Tgt Ion: 106 Resp: 31784
Ion Ratio Lower Upper
106 100
91 241.6 178.9 268.3

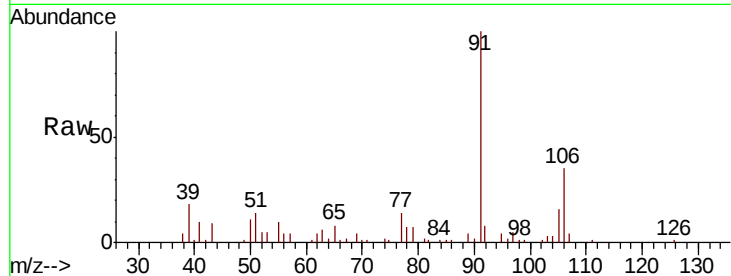




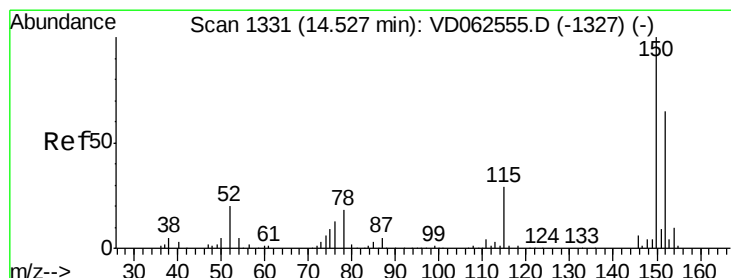
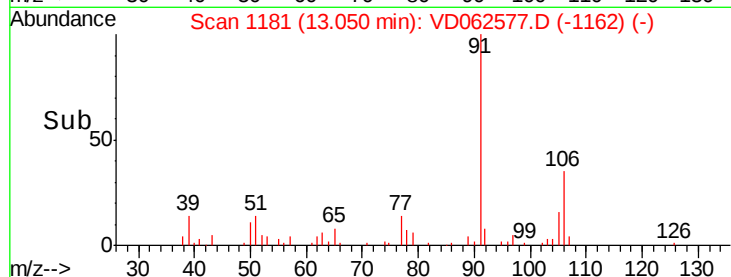
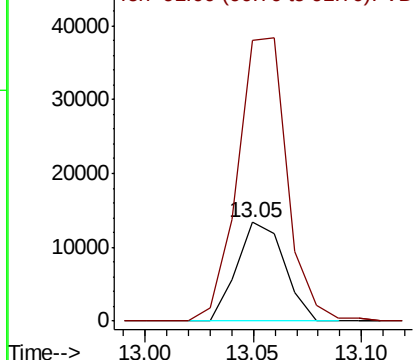
#69
o-Xylene
Concen: 6.987 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD062577.D
Acq: 31 May 2019 21:19

Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRI-DRUM

Tot Ion:106 Resp: 20512
Ion Ratio Lower Upper
106 100
91 283.4 113.9 341.8

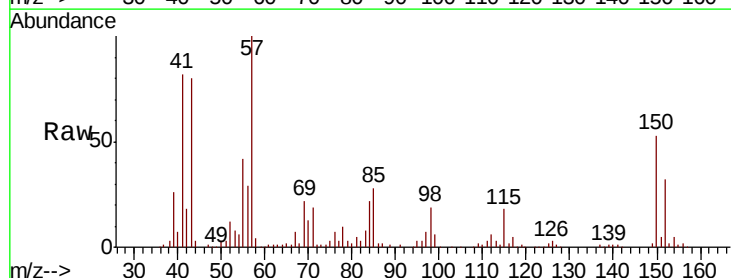


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

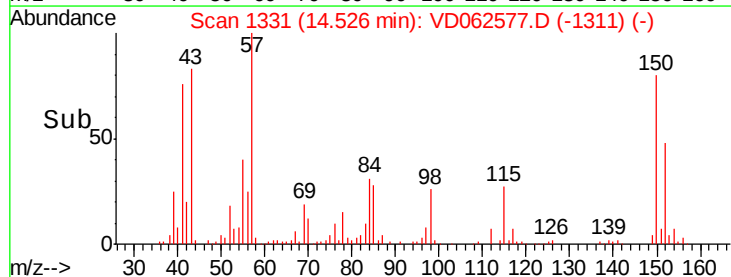
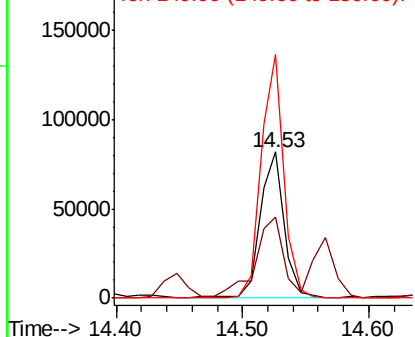


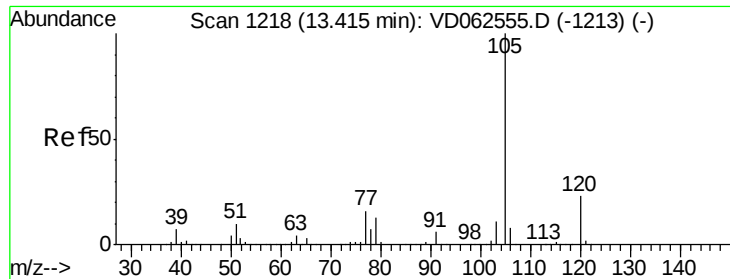
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. -0.00 min
Lab File: VD062577.D
Acq: 31 May 2019 21:19

Tgt Ion:152 Resp: 109681
Ion Ratio Lower Upper
152 100
115 55.9 28.4 85.3
150 166.9 0.0 310.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 3.246 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. -0.01 min

Lab File: VD062577.D

Acq: 31 May 2019 21:19

Instrument :

MSVOA_D

ClientSampleId :

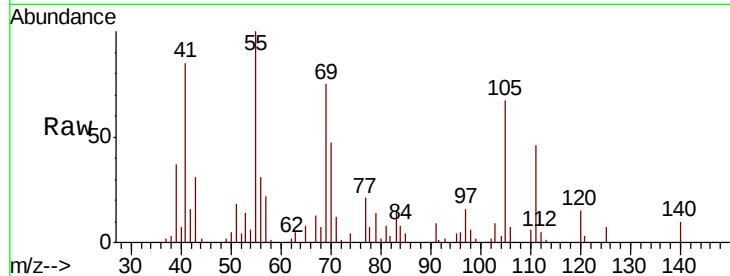
OILY-DEBRI-DRUM

Tot Ion:105 Resp: 23474

Ion Ratio Lower Upper

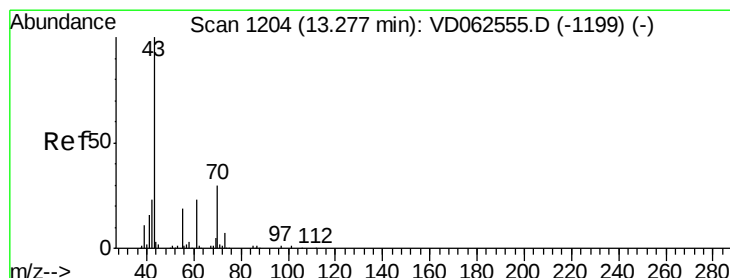
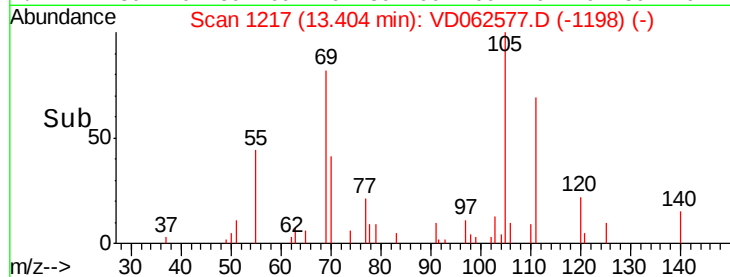
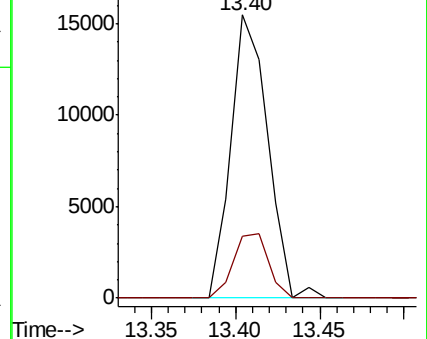
105 100

120 21.8 11.6 34.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 40.690 ug/l

RT: 13.23 min Scan# 1199

Delta R.T. -0.05 min

Lab File: VD062577.D

Acq: 31 May 2019 21:19

Tgt Ion: 43 Resp: 75019

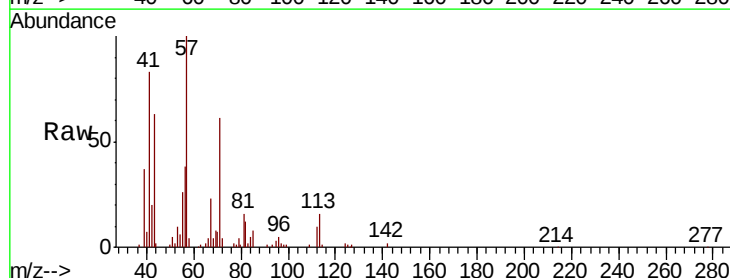
Ion Ratio Lower Upper

43 100

70 10.5 23.7 35.5#

55 40.8 15.0 22.4#

61 0.0 18.4 27.6#

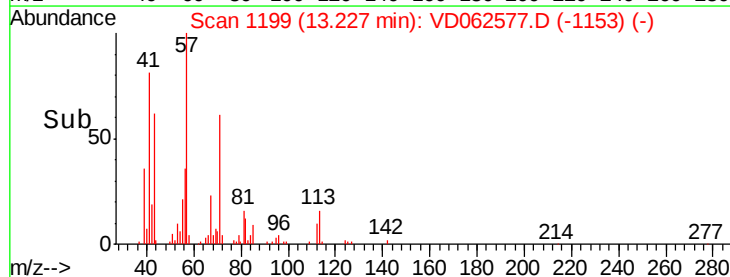
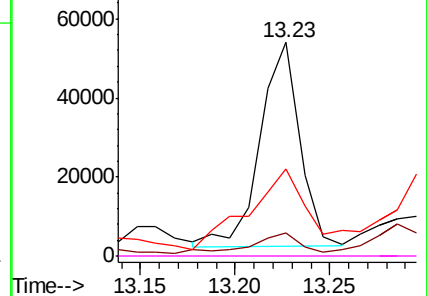


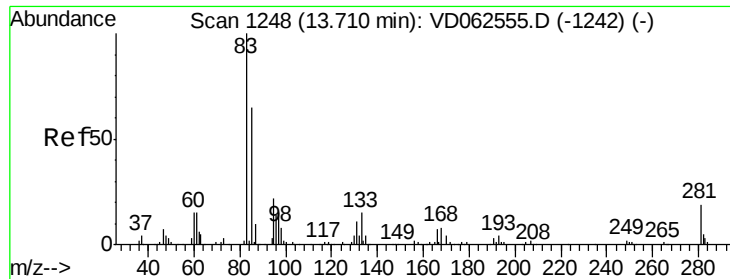
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 21.701 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. 0.01 min

Lab File: VD062577.D

Acq: 31 May 2019 21:19

Instrument :

MSVOA_D

ClientSampleId :

OILY-DEBRI-DRUM

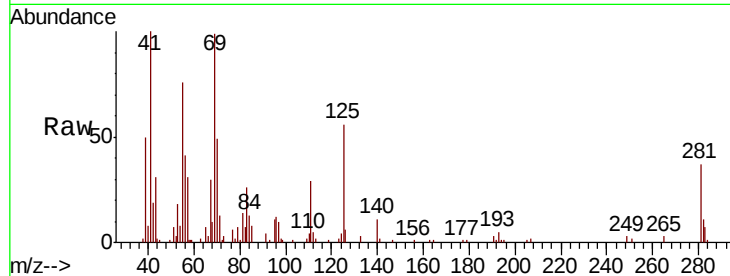
Tot Ion: 83 Resp: 24886

Ion Ratio Lower Upper

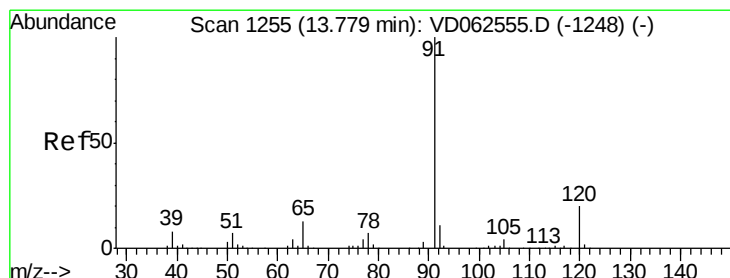
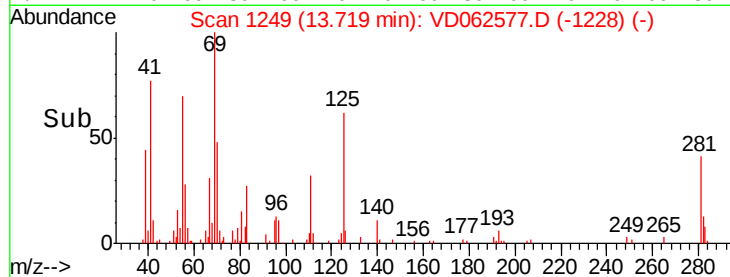
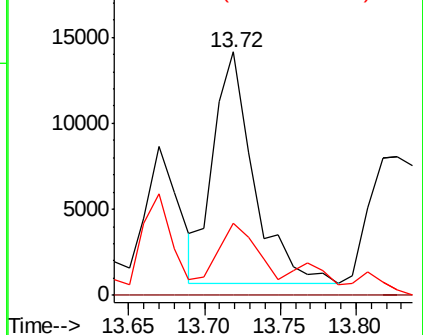
83 100

131 0.0 5.7 17.1#

85 29.9 32.6 97.8#



Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 130.90 (130.60 to 131.60): VDC
Ion 84.95 (84.65 to 85.65): VDC



#78

n-propylbenzene

Concen: 13.530 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VD062577.D

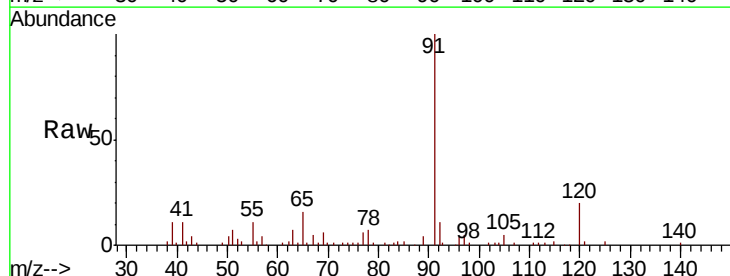
Acq: 31 May 2019 21:19

Tgt Ion: 91 Resp: 112767

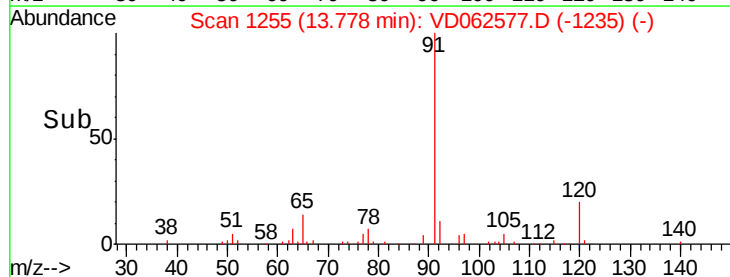
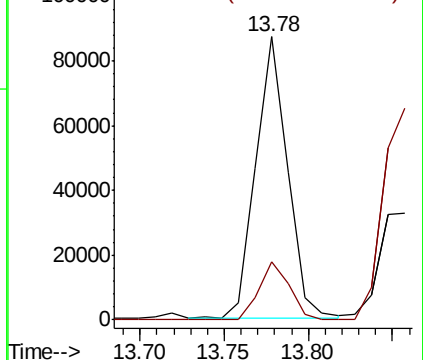
Ion Ratio Lower Upper

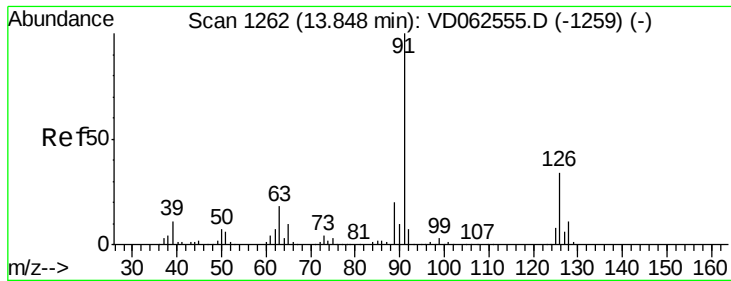
91 100

120 20.4 10.0 29.8



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.05 (119.75 to 120.75): VDC

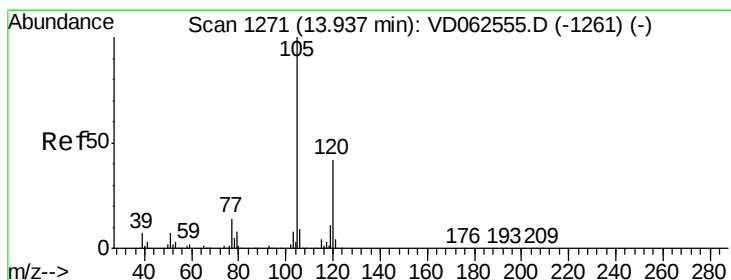
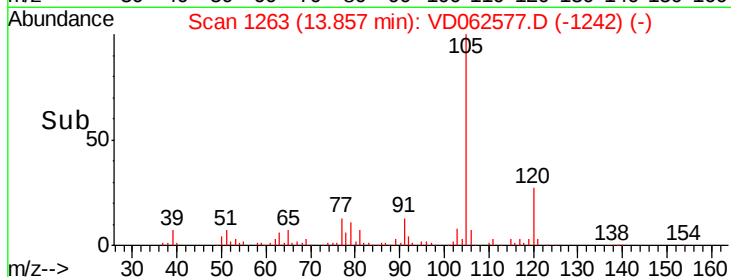
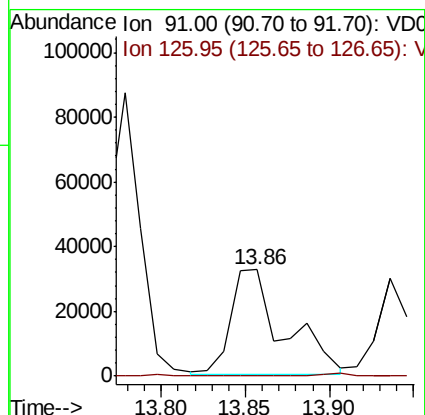
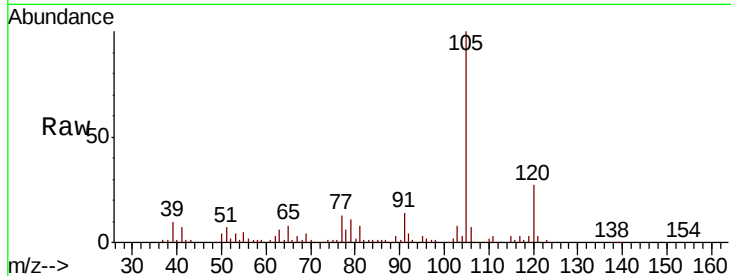




#79
 2-Chlorotoluene
 Concen: 14.471 ug/l
 RT: 13.86 min Scan# 1263
 Delta R.T. 0.01 min
 Lab File: VD062577.D
 Acq: 31 May 2019 21:19

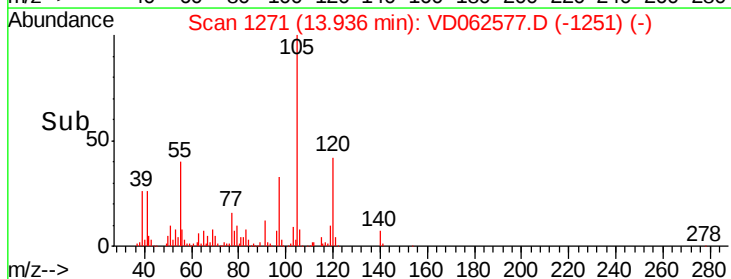
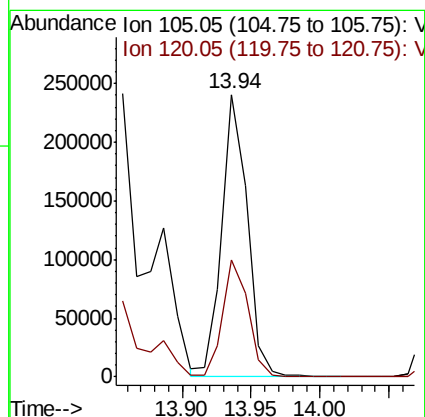
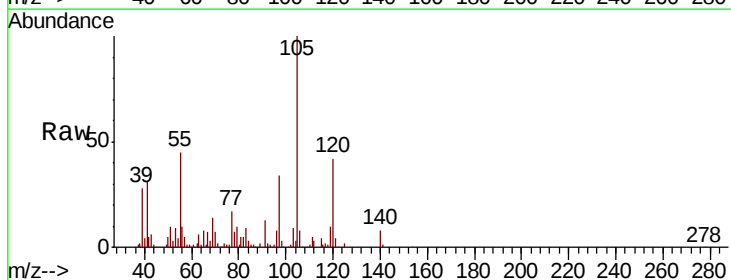
Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-DEBRI-DRUM

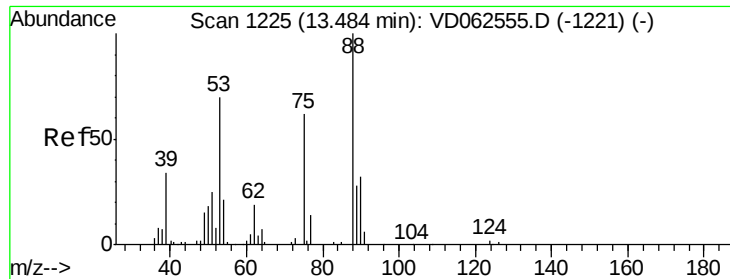
Tot Ion: 91 Resp: 69934
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.7 50.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 49.532 ug/l
 RT: 13.94 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VD062577.D
 Acq: 31 May 2019 21:19

Tgt Ion: 105 Resp: 306043
 Ion Ratio Lower Upper
 105 100
 120 41.5 20.8 62.5





#81

trans-1,4-Dichloro-2-butene

Concen: 130.848 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.08 min

Lab File: VD062577.D

Acq: 31 May 2019 21:19

Instrument :

MSVOA_D

ClientSampleId :

OILY-DEBRI-DRUM

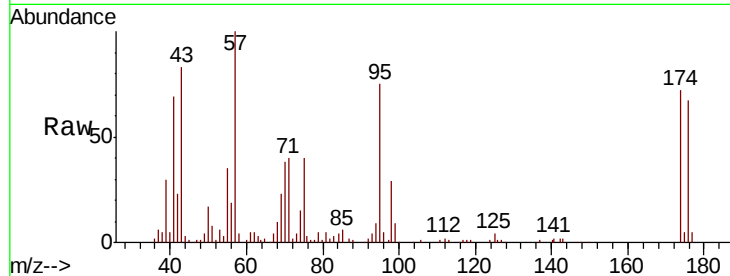
Tot Ion: 75 Resp: 49336

Ion Ratio Lower Upper

75 100

53 14.2 91.0 136.4#

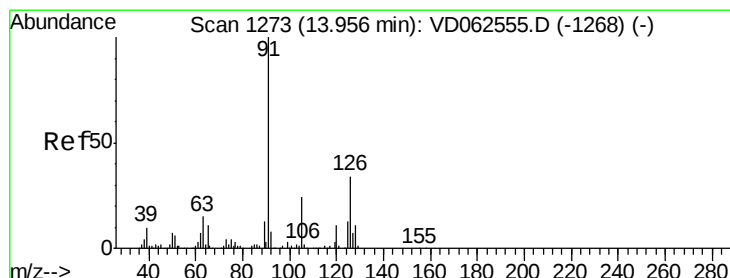
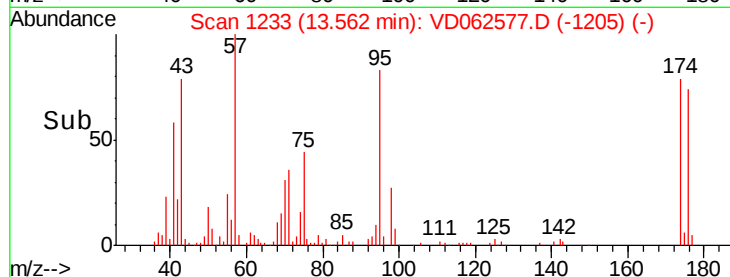
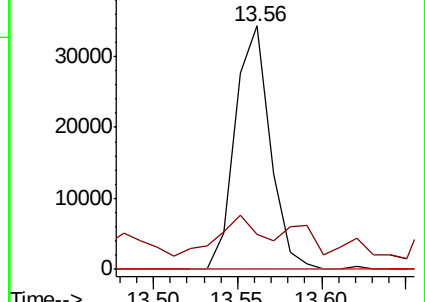
89 0.0 36.9 55.3#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 7.306 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. -0.02 min

Lab File: VD062577.D

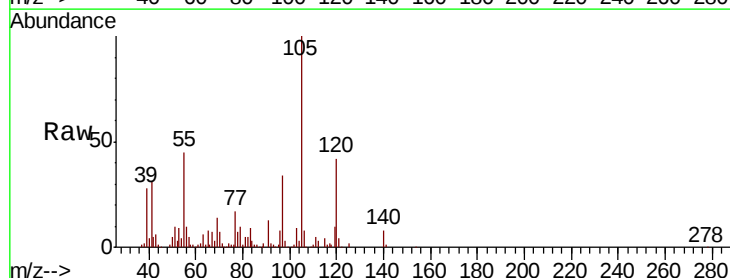
Acq: 31 May 2019 21:19

Tgt Ion: 91 Resp: 42270

Ion Ratio Lower Upper

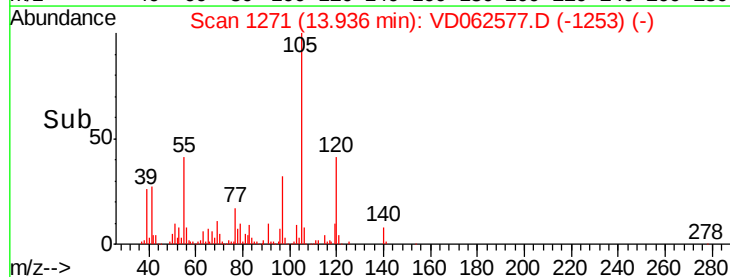
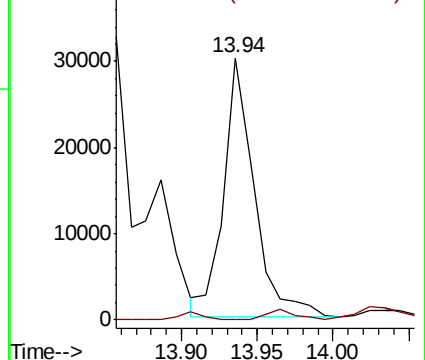
91 100

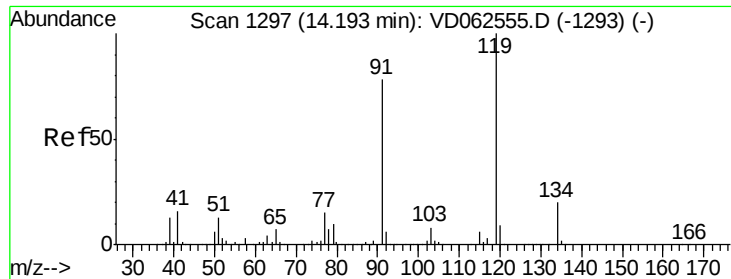
126 0.0 16.9 50.7#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

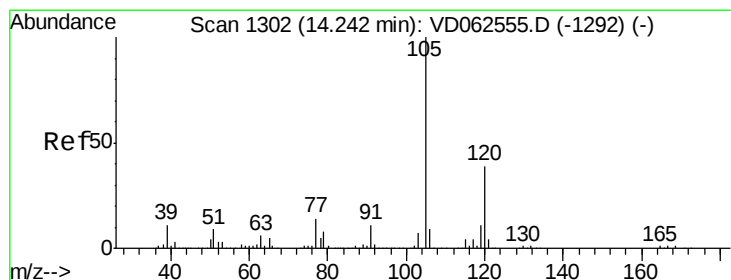
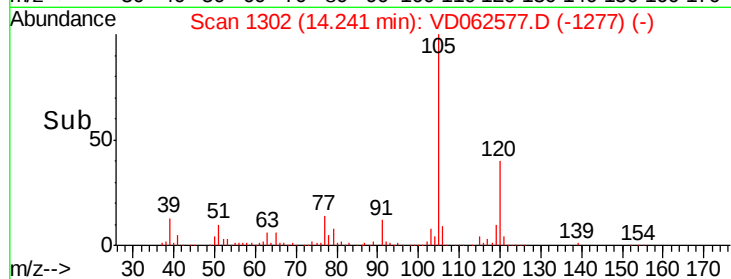
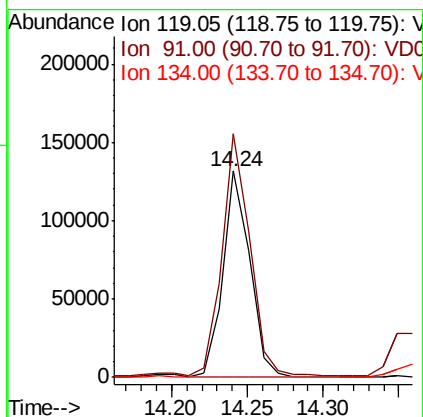
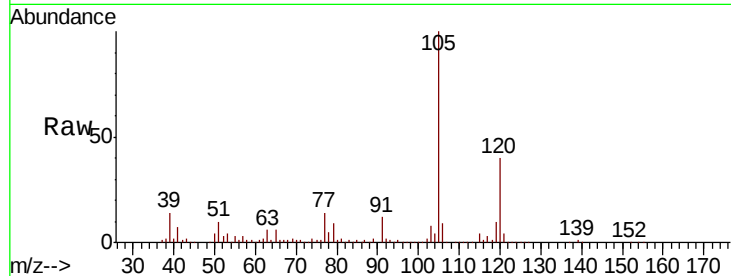




#83
tert-Butylbenzene
Concen: 23.612 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. 0.05 min
Lab File: VD062577.D
Acq: 31 May 2019 21:19

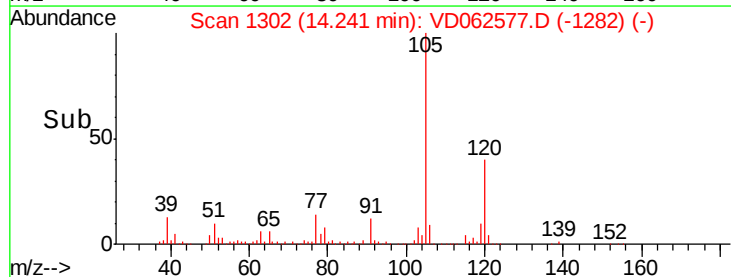
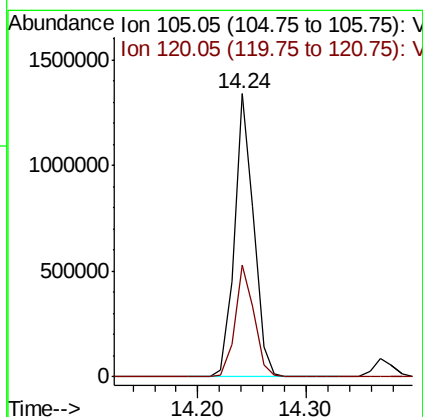
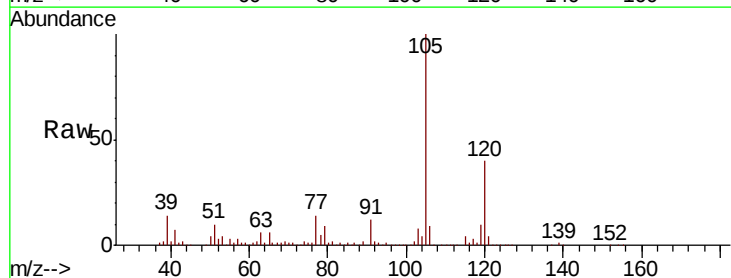
Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRI-DRUM

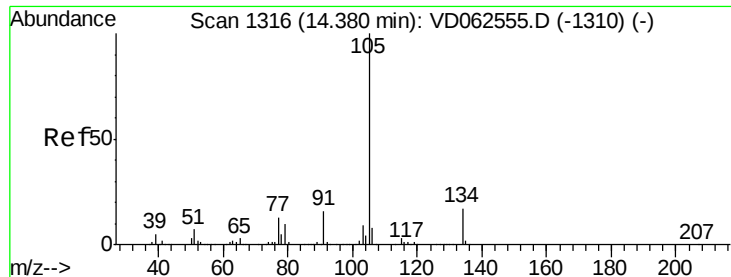
Tot Ion:119 Resp: 162793
Ion Ratio Lower Upper
119 100
91 118.1 39.1 117.5#
134 0.0 10.1 30.3#



#84
1,2,4-Trimethylbenzene
Concen: 262.677 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VD062577.D
Acq: 31 May 2019 21:19

Tgt Ion:105 Resp: 1653832
Ion Ratio Lower Upper
105 100
120 39.6 19.6 58.8

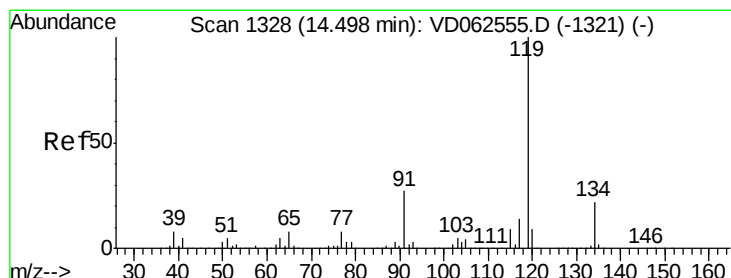
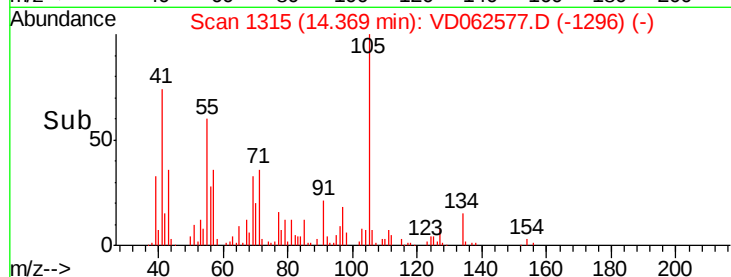
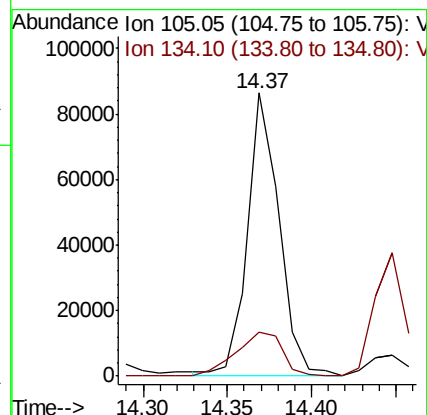
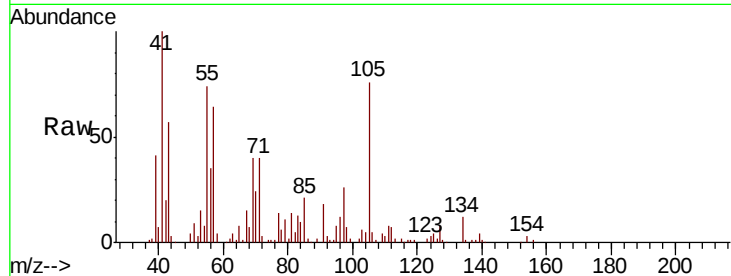




#85
 sec-Butylbenzene
 Concen: 15.435 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VD062577.D
 Acq: 31 May 2019 21:19

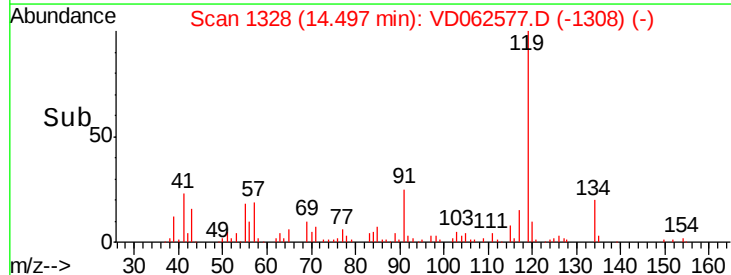
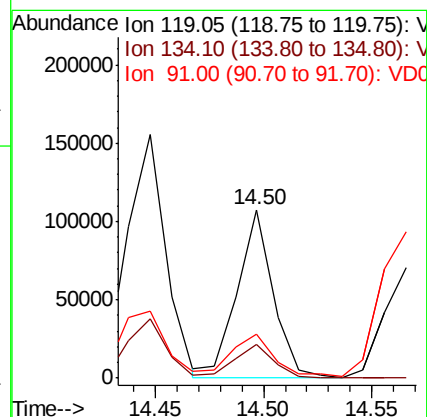
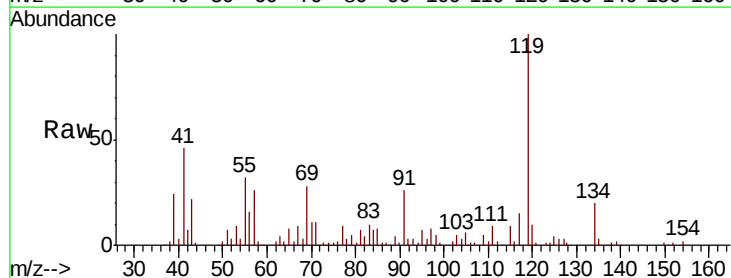
Instrument :
 MSVOA_D
 ClientSampleID :
 OILY-DEBRI-DRUM

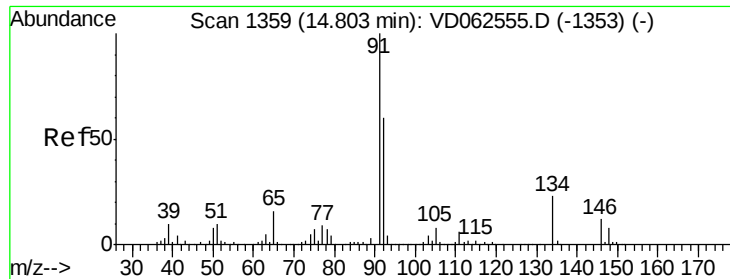
Tot Ion:105 Resp: 112729
 Ion Ratio Lower Upper
 105 100
 134 15.5 8.7 26.1



#86
 p-Isopropyltoluene
 Concen: 18.058 ug/l
 RT: 14.50 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: VD062577.D
 Acq: 31 May 2019 21:19

Tgt Ion:119 Resp: 123217
 Ion Ratio Lower Upper
 119 100
 134 19.9 11.2 33.6
 91 26.0 13.6 40.7





#89

n-Butylbenzene

Concen: 49.957 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VD062577.D

Acq: 31 May 2019 21:19

Instrument :

MSVOA_D

ClientSampleId :

OILY-DEBRI-DRUM

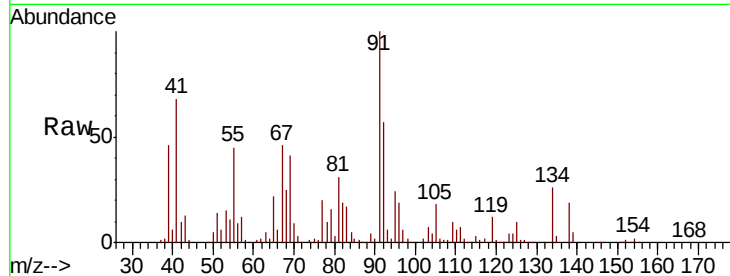
Tot Ion: 91 Resp: 304298

Ion Ratio Lower Upper

91 100

92 56.7 29.8 89.4

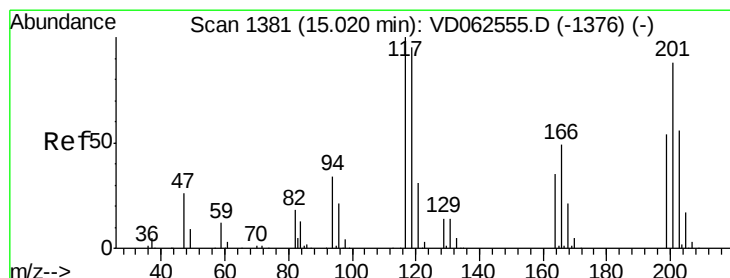
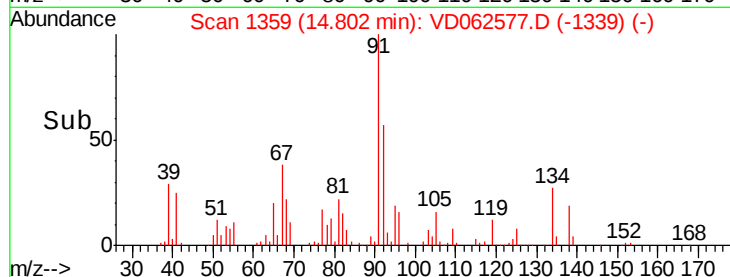
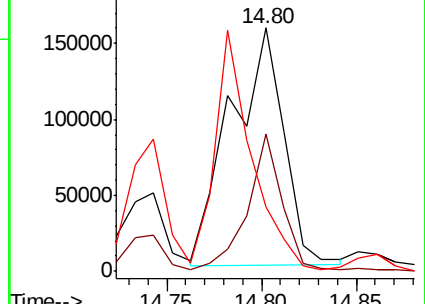
134 26.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC



#90

Hexachloroethane

Concen: 35.749 ug/l

RT: 15.01 min Scan# 1380

Delta R.T. -0.01 min

Lab File: VD062577.D

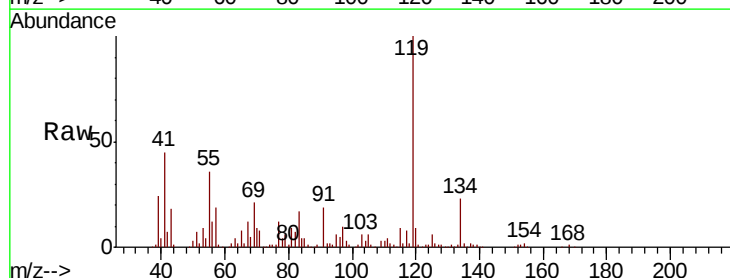
Acq: 31 May 2019 21:19

Tgt Ion: 117 Resp: 64717

Ion Ratio Lower Upper

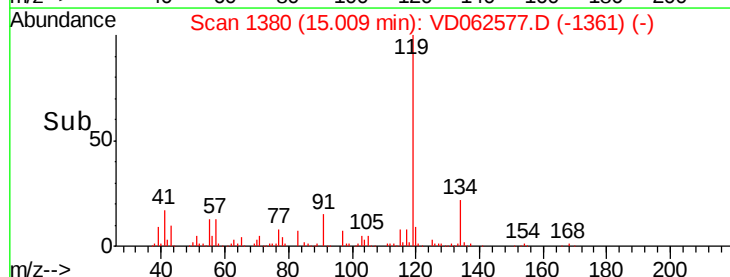
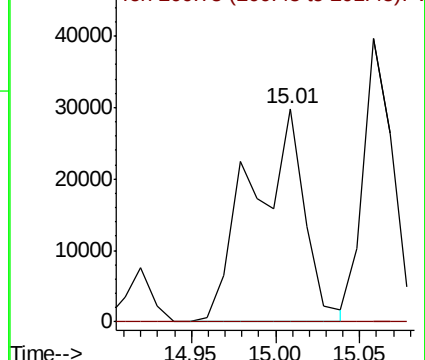
117 100

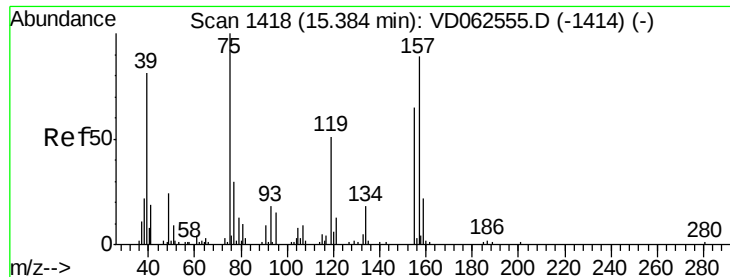
201 0.0 43.8 131.4#



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC





#92

1,2-Dibromo-3-Chloropropane

Concen: 44.388 ug/l

RT: 15.38 min Scan# 1418

Delta R.T. -0.00 min

Lab File: VD062577.D

Acq: 31 May 2019 21:19

Instrument :

MSVOA_D

ClientSampleId :

OILY-DEBRI-DRUM

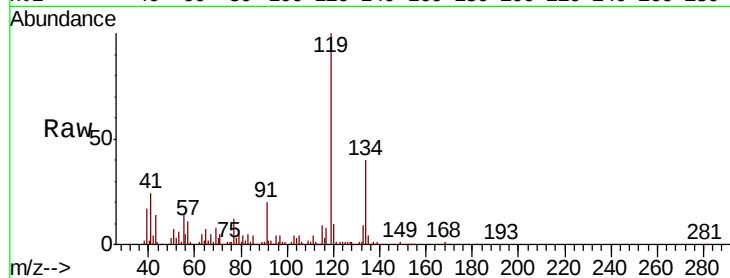
Tot Ion: 75 Resp: 10555

Ion Ratio Lower Upper

75 100

155 8.1 32.6 97.8#

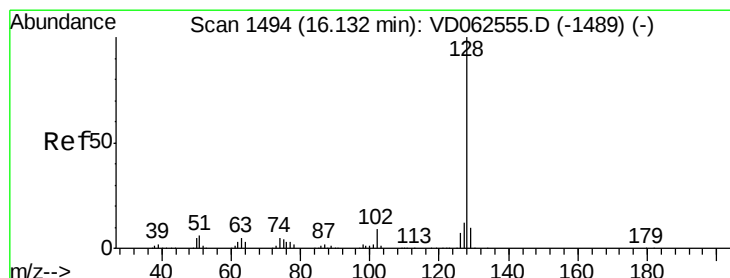
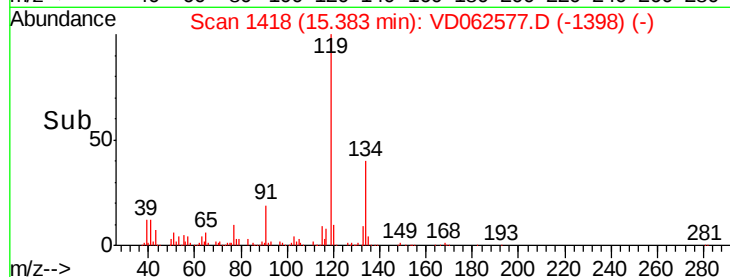
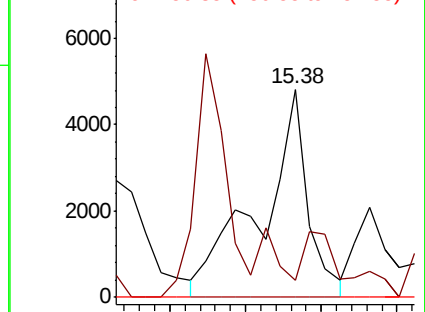
157 0.0 44.5 133.7#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V



#95

Naphthalene

Concen: 102.686 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VD062577.D

Acq: 31 May 2019 21:19

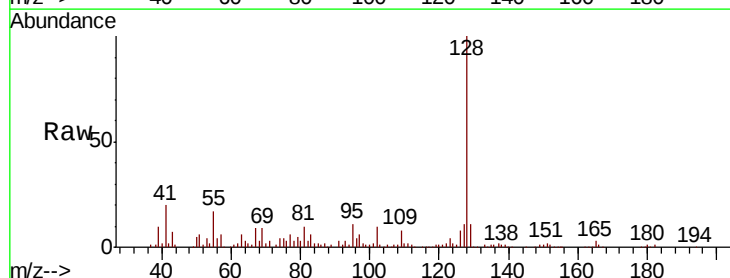
Tgt Ion: 128 Resp: 323272

Ion Ratio Lower Upper

128 100

127 11.5 9.7 14.5

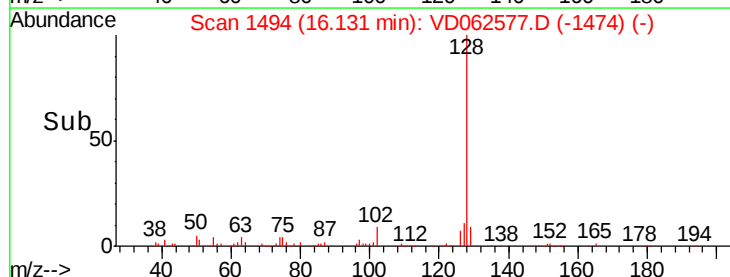
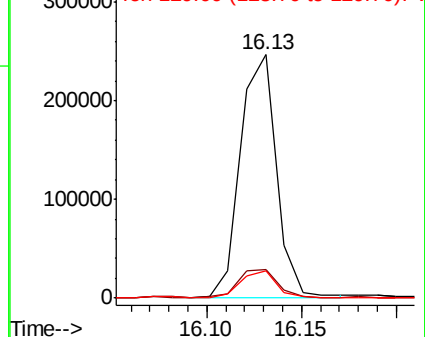
129 11.3 8.2 12.2

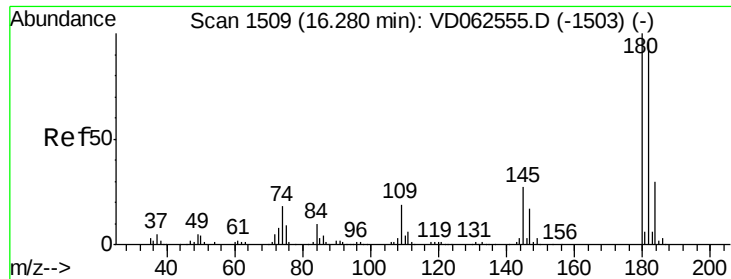


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.408 ug/l
 RT: 16.30 min Scan# 1511
 Delta R.T. 0.02 min
 Lab File: VD062577.D
 Acq: 31 May 2019 21:19

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-DEBRI-DRUM

Tot Ion:180 Resp: 2432
 Ion Ratio Lower Upper
 180 100
 182 9.5 48.1 144.3#
 145 32.8 13.3 39.9

