

Data File : VD064503.D
Acq On : 11 Dec 2019 16:42
Operator : VA/SY
Sample : K6265-06
Misc : 6.64G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1A-D2

Quant Time: Dec 12 03:07:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	649549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	975207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	940335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	508118	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	275316	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
35) Dibromofluoromethane	7.92	113	295594	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
50) Toluene-d8	10.34	98	1292850	55.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.72%	
62) 4-Bromofluorobenzene	12.63	95	522212	70.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.42%	

Target Compounds

						Qvalue
15) Acrylonitrile	5.50	53	7767	5.999	ug/l #	39
16) Acetone	4.17	43	55667	46.854	ug/l	99
20) Methylene Chloride	4.97	84	13483	Below Cal		96
25) 2-Butanone	7.23	43	30869	18.372	ug/l	98
29) Tetrahydrofuran	7.57	42	14423	13.492	ug/l	94
31) Cyclohexane	7.98	56	36294	Below Cal	#	68
36) 1,1-Dichloropropene	7.98	75	43304	4.695	ug/l #	49
37) Ethyl Acetate	7.23	43	32823	8.386	ug/l #	69
38) Carbon Tetrachloride	7.98	117	58058	5.964	ug/l #	14
39) Methylcyclohexane	9.36	83	2395466	209.355	ug/l	97
40) Benzene	8.35	78	47973	1.873	ug/l	99
41) Methacrylonitrile	7.58	41	10560	4.705	ug/l #	52
43) Isopropyl Acetate	8.45	43	267339	34.739	ug/l #	52
45) 1,2-Dichloropropane	9.36	63	29554	4.824	ug/l #	1
47) Bromodichloromethane	9.63	83	56329	6.339	ug/l #	39
48) Methyl methacrylate	9.41	41	225745	64.105	ug/l #	29
51) 4-Methyl-2-Pentanone	10.24	43	18113	4.757	ug/l #	42
55) 1,1,2-Trichloroethane	10.77	97	736461	155.532	ug/l #	21
56) Ethyl methacrylate	10.68	69	420764	69.670	ug/l #	6
59) 2-Hexanone	10.95	43	1151628	435.868	ug/l #	30
68) m/p-Xylenes	11.85	106	15305	1.150	ug/l	80
73) Isopropylbenzene	12.48	105	113377	3.102	ug/l	94
74) N-amyl acetate	12.27	43	521857	62.918	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.71	83	75668	12.521	ug/l #	81
76) 1,2,3-Trichloropropane	12.64	75	218474	52.284	ug/l #	100
78) n-propylbenzene	12.82	91	46482	1.102	ug/l	78
81) trans-1,4-Dichloro-2-buten	12.64	75	218474	114.007	ug/l #	17
85) sec-Butylbenzene	13.41	105	372571	10.456	ug/l #	77
89) n-Butylbenzene	13.85	91	45933	1.504	ug/l	96
90) Hexachloroethane	14.13	117	37004	5.881	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.53	75	667	Below Cal	#	10
95) Naphthalene	15.41	128	774608	41.403	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121119\
Quantitation Report (Not Reviewed)

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Response via : Initial Calibration

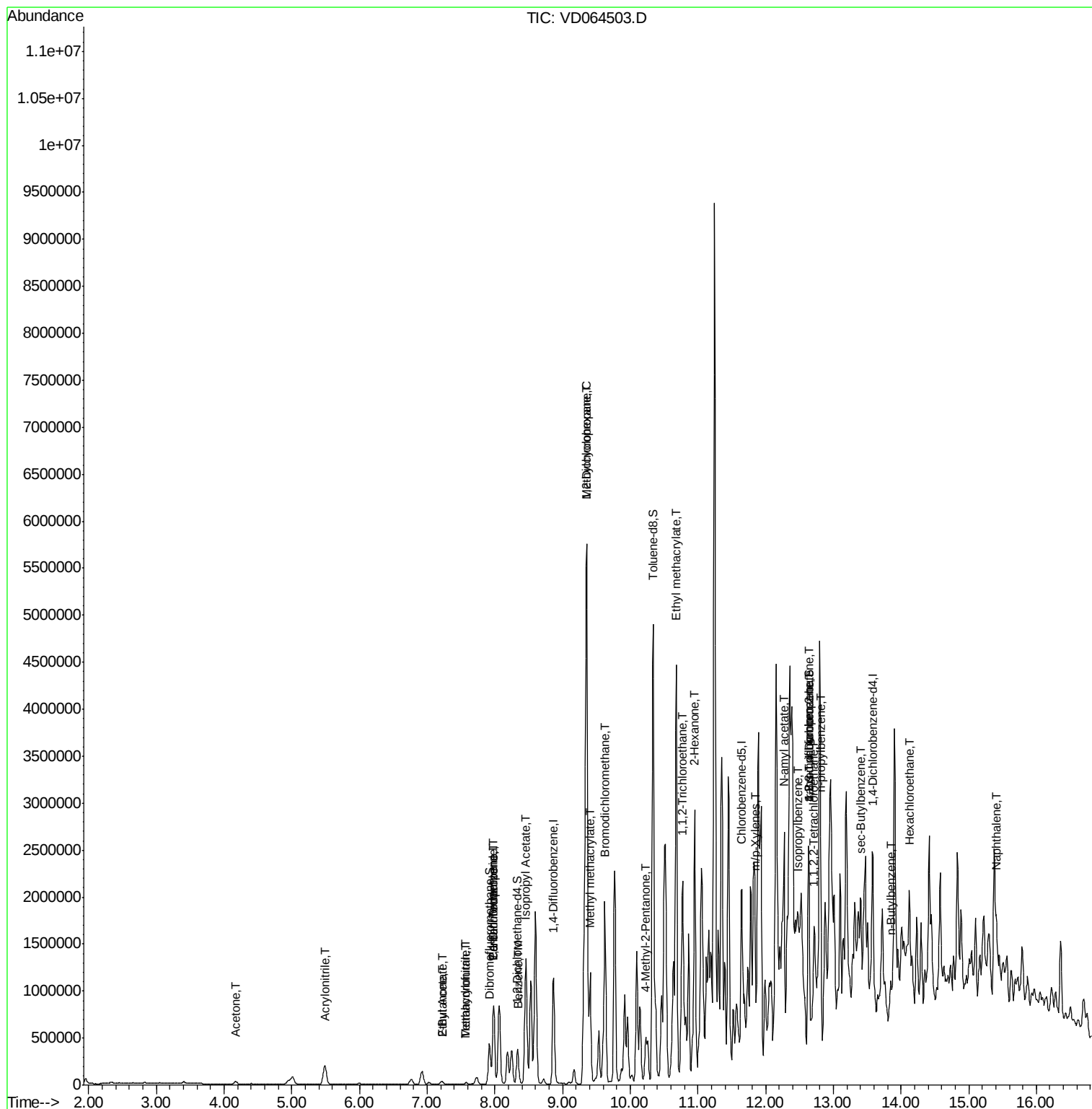
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

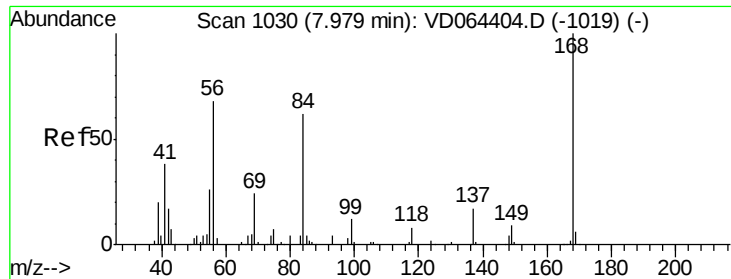
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064503.D

Acq: 11 Dec 2019 16:42

Instrument :

MSVOA_D

ClientSampleId :

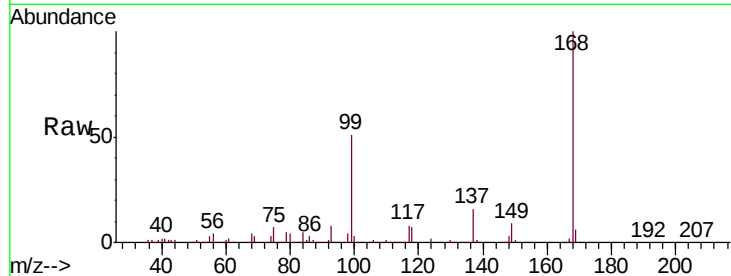
TP-1A-D2

Tgt Ion:168 Resp: 649549

Ion Ratio Lower Upper

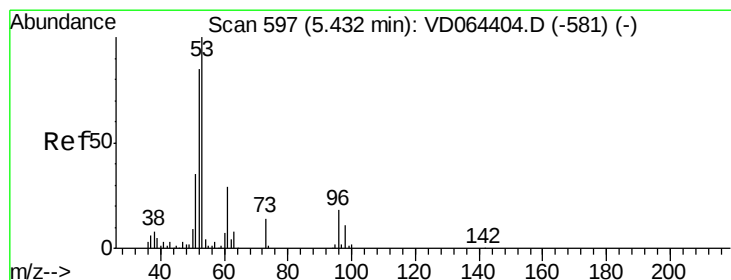
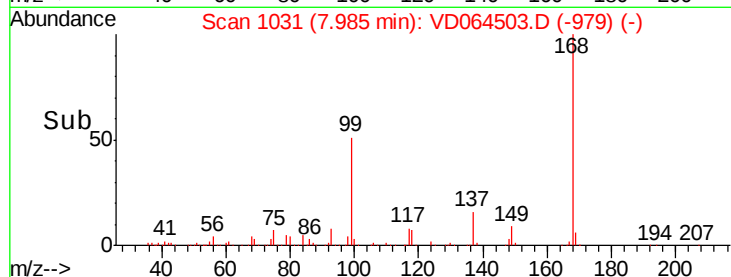
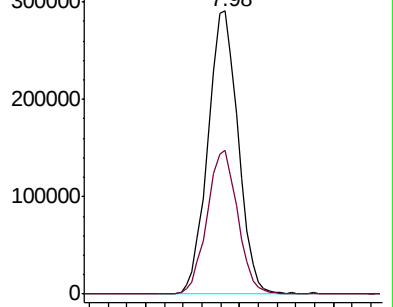
168 100

99 50.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#15

Acrylonitrile

Concen: 5.999 ug/l

RT: 5.50 min Scan# 608

Delta R.T. 0.06 min

Lab File: VD064503.D

Acq: 11 Dec 2019 16:42

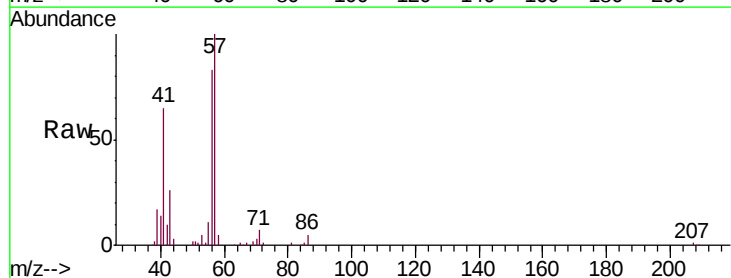
Tgt Ion: 53 Resp: 7767

Ion Ratio Lower Upper

53 100

52 22.6 67.9 101.9#

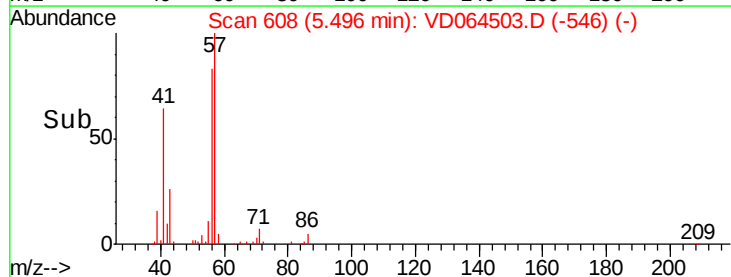
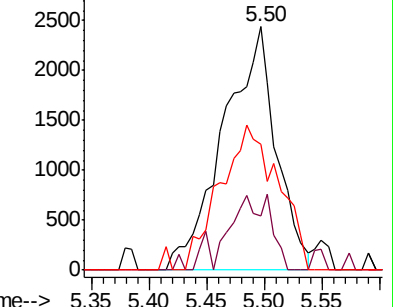
51 65.5 30.6 45.8#

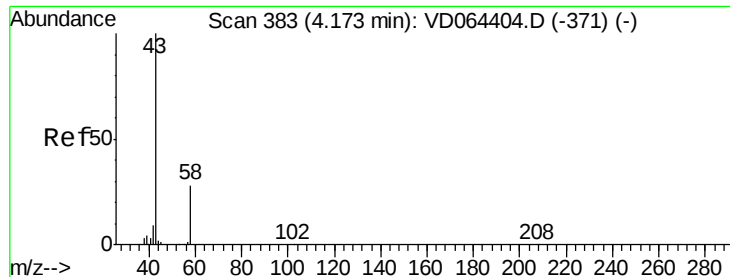


Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC





#16

Acetone

Concen: 46.854 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.01 min

Lab File: VD064503.D

Acq: 11 Dec 2019 16:42

Instrument :

MSVOA_D

ClientSampleId :

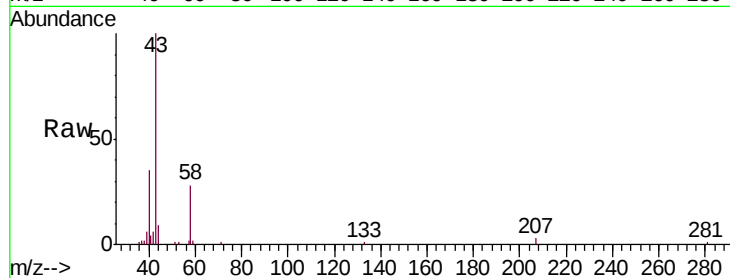
TP-1A-D2

Tgt Ion: 43 Resp: 55667

Ion Ratio Lower Upper

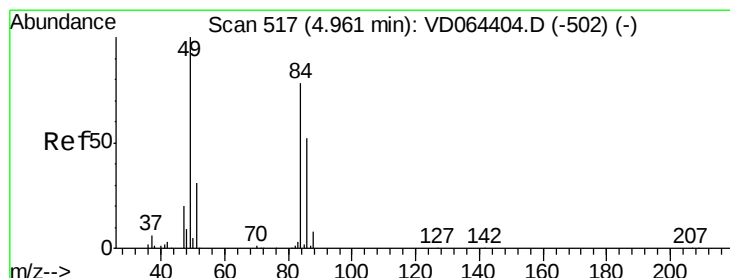
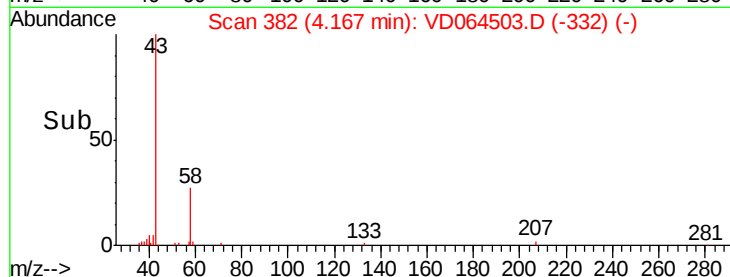
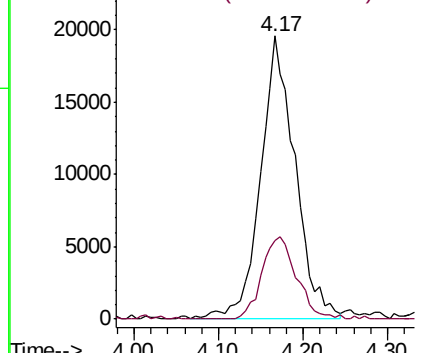
43 100

58 27.6 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD064503.D

Acq: 11 Dec 2019 16:42

Tgt Ion: 84 Resp: 13483

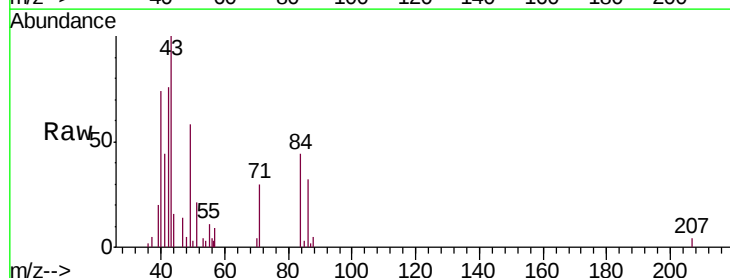
Ion Ratio Lower Upper

84 100

49 132.2 102.6 153.8

51 44.3 32.0 48.0

86 68.9 53.4 80.0

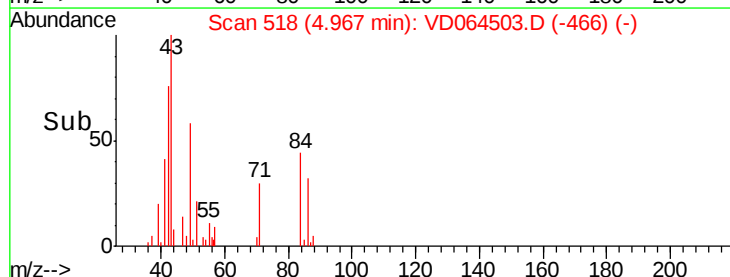
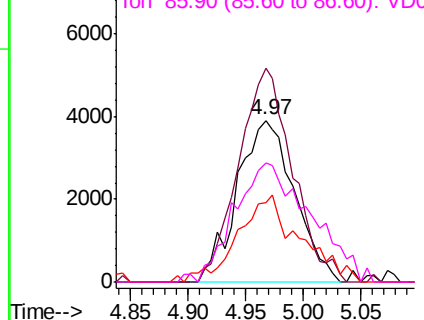


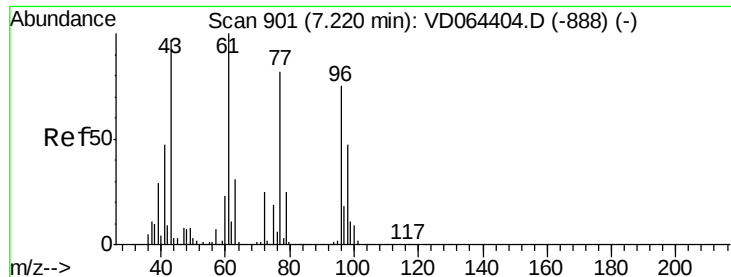
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#25

2-Butanone

Concen: 18.372 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD064503.D

Acq: 11 Dec 2019 16:42

Instrument :

MSVOA_D

ClientSampleId :

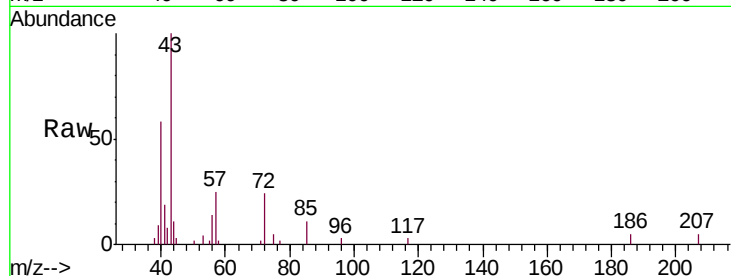
TP-1A-D2

Tgt Ion: 43 Resp: 30869

Ion Ratio Lower Upper

43 100

72 24.9 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

12000

10000

8000

6000

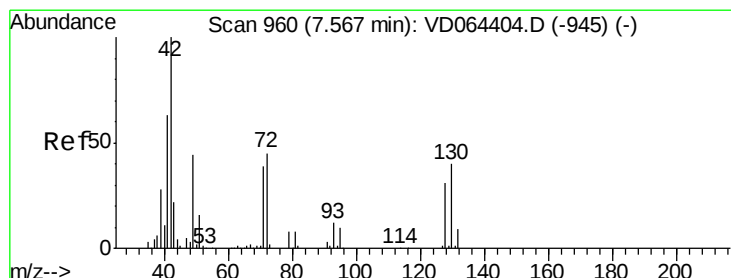
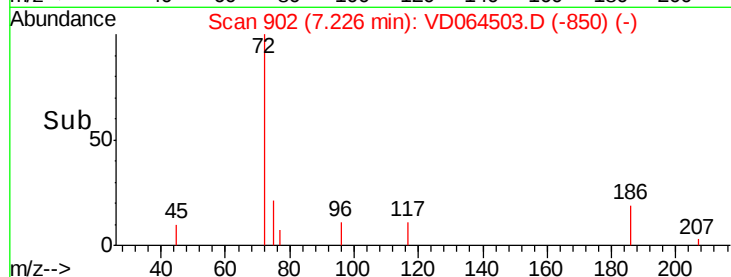
4000

2000

0

7.10 7.20 7.30

Time-->



#29

Tetrahydrofuran

Concen: 13.492 ug/l

RT: 7.57 min Scan# 961

Delta R.T. 0.01 min

Lab File: VD064503.D

Acq: 11 Dec 2019 16:42

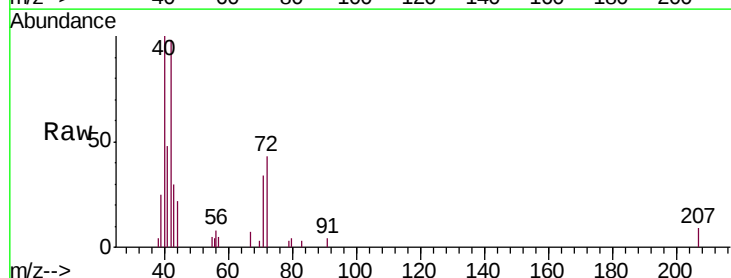
Tgt Ion: 42 Resp: 14423

Ion Ratio Lower Upper

42 100

72 40.6 35.8 53.8

71 37.7 32.7 49.1



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

10000

8000

6000

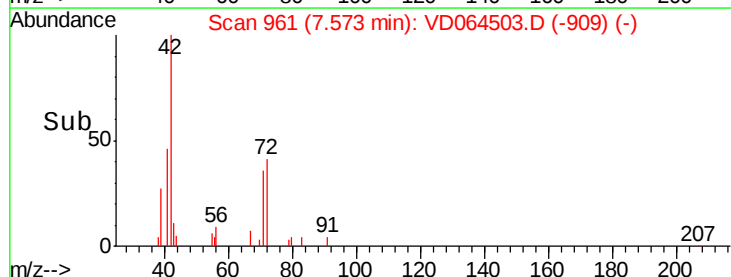
4000

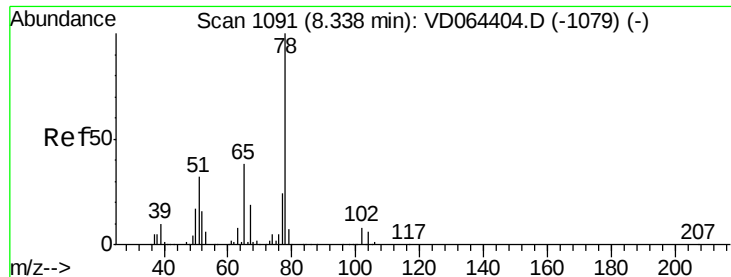
2000

0

7.50 7.55 7.60 7.65

Time-->

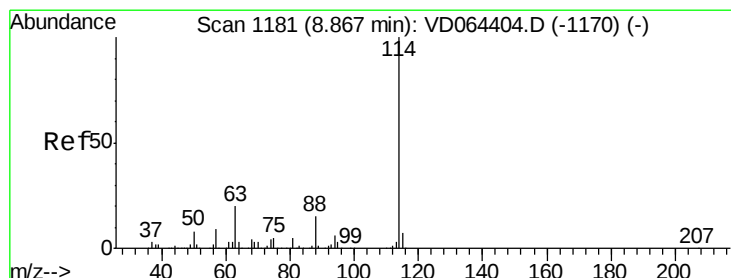
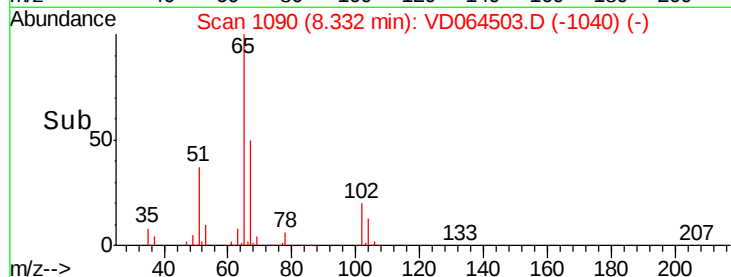
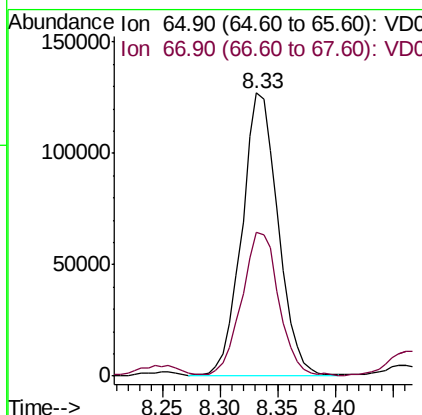
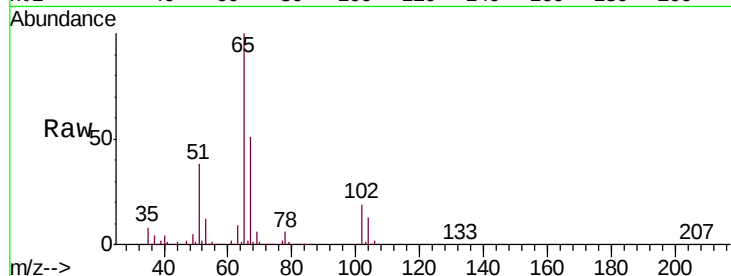




#33
 1,2-Dichloroethane-d4
 Concen: 46.827 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064503.D
 Acq: 11 Dec 2019 16:42

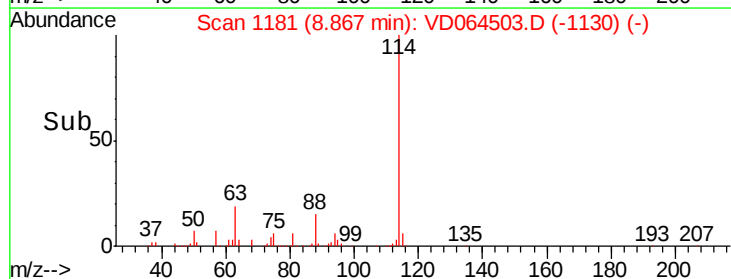
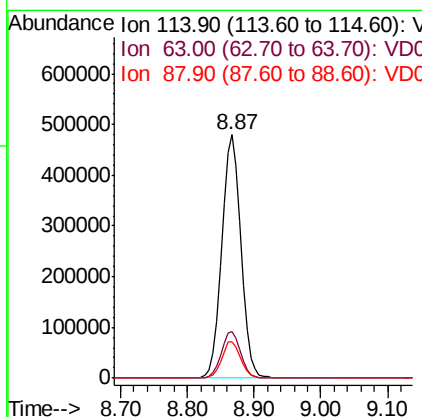
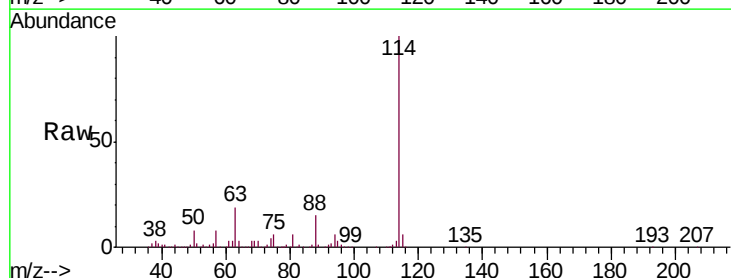
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1A-D2

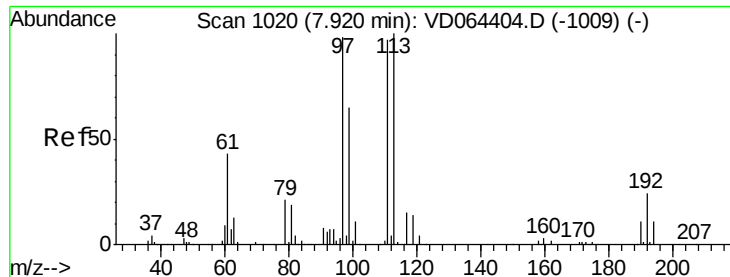
Tgt Ion: 65 Resp: 275316
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064503.D
 Acq: 11 Dec 2019 16:42

Tgt Ion: 114 Resp: 975207
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.0
 88 14.9 0.0 29.2

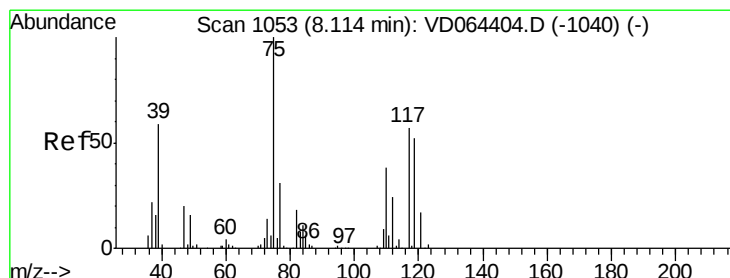
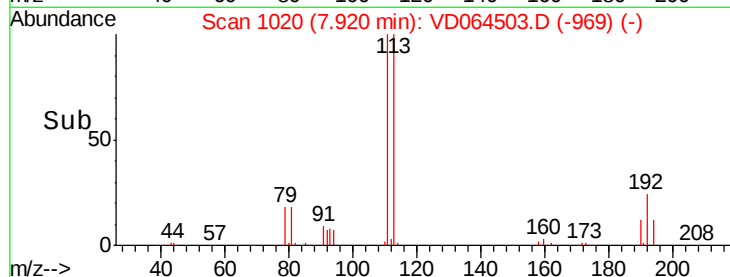
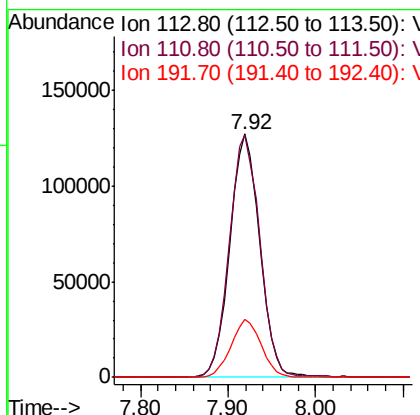
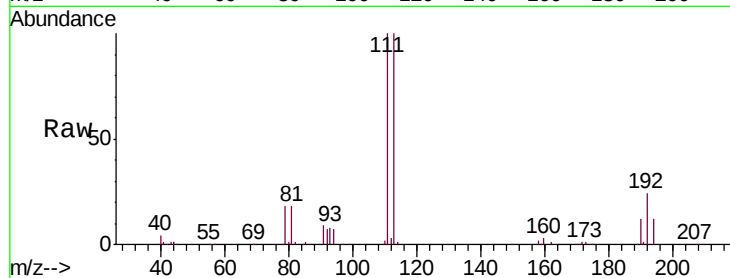




#35
 Dibromofluoromethane
 Concen: 48.109 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064503.D
 Acq: 11 Dec 2019 16:42

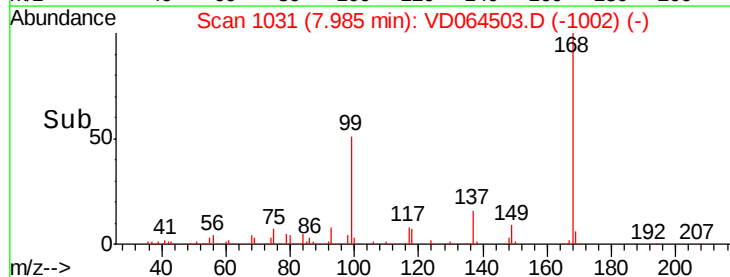
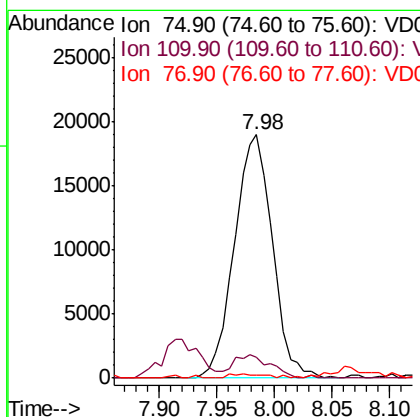
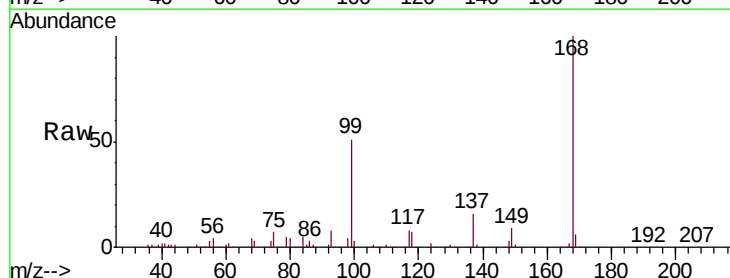
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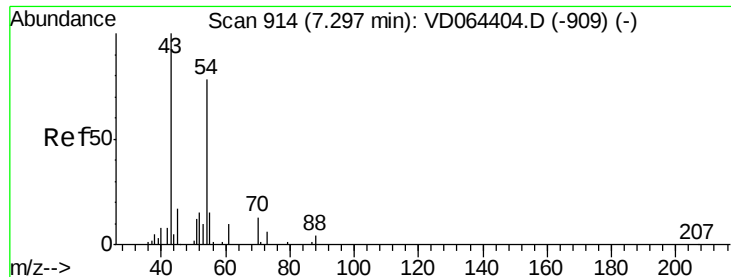
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	79.4	119.2
192	24.0	18.6	28.0



#36
 1,1-Dichloropropene
 Concen: 4.695 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064503.D
 Acq: 11 Dec 2019 16:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.6	55.8#
77	0.0	25.0	37.4#

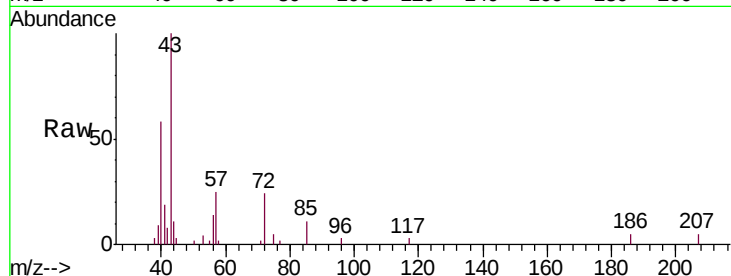




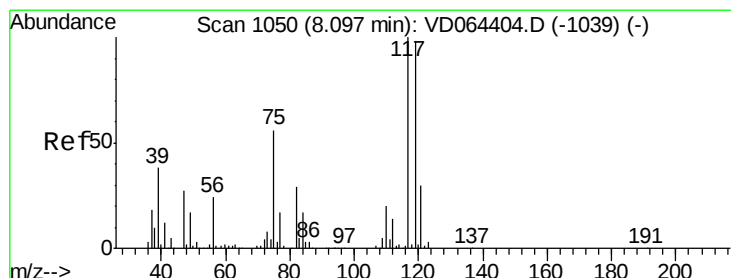
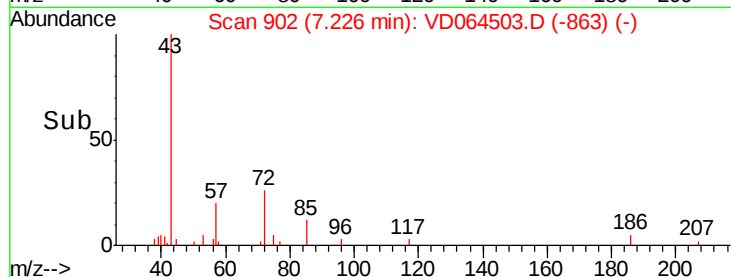
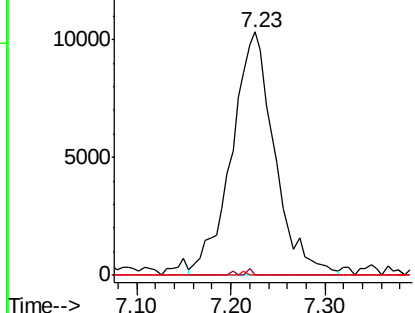
#37
Ethyl Acetate
Concen: 8.386 ug/l
RT: 7.23 min Scan# 902
Delta R.T. -0.07 min
Lab File: VD064503.D
Acq: 11 Dec 2019 16:42

Instrument :
MSVOA_D
ClientSampled :
TP-1A-D2

Tgt Ion: 43 Resp: 32823
Ion Ratio Lower Upper
43 100
61 0.3 10.9 16.3#
70 0.2 8.3 12.5#

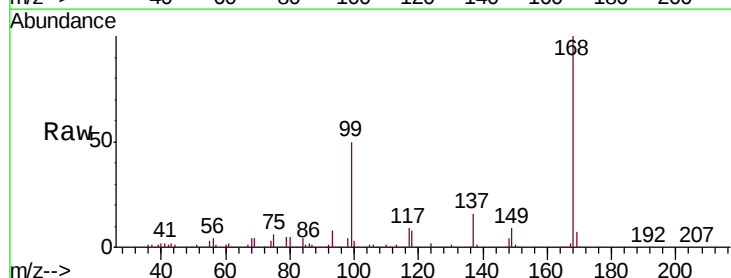


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

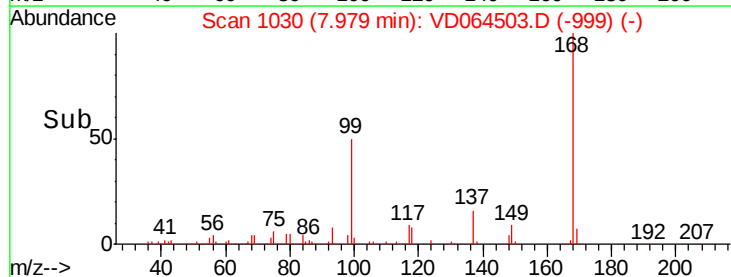
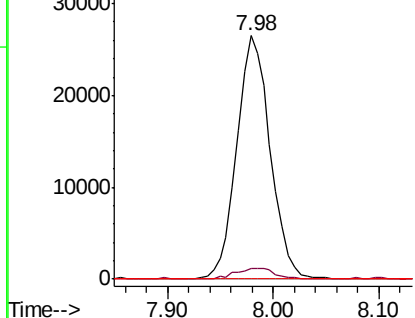


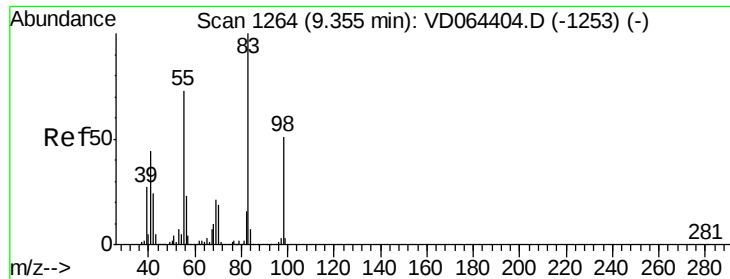
#38
Carbon Tetrachloride
Concen: 5.964 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064503.D
Acq: 11 Dec 2019 16:42

Tgt Ion: 117 Resp: 58058
Ion Ratio Lower Upper
117 100
119 4.2 78.8 118.2#
121 0.0 24.2 36.2#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

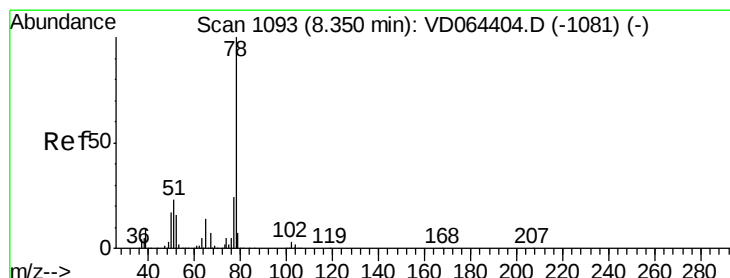
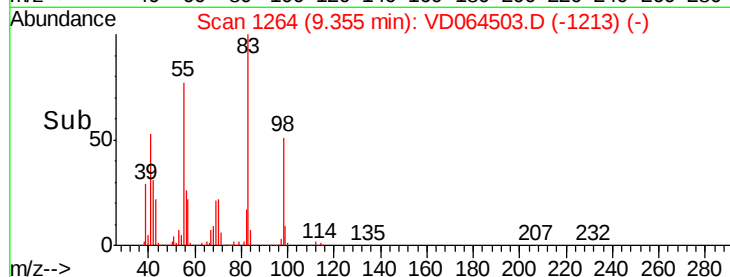
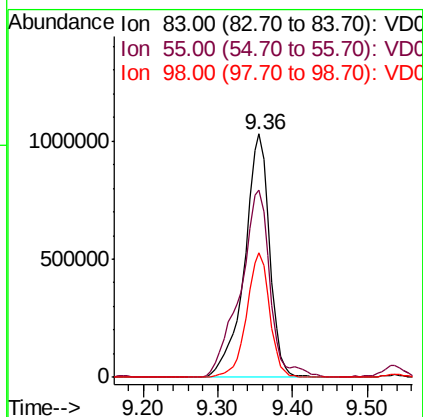
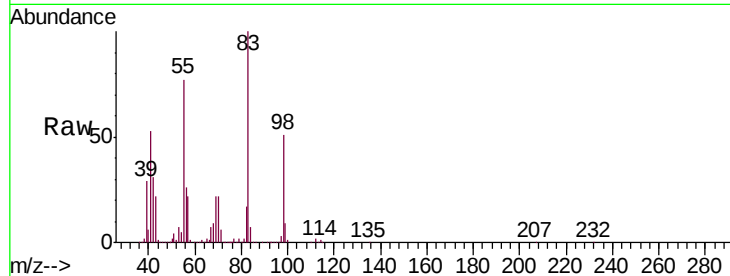




#39
Methylcyclohexane
Concen: 209.355 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD064503.D
Acq: 11 Dec 2019 16:42

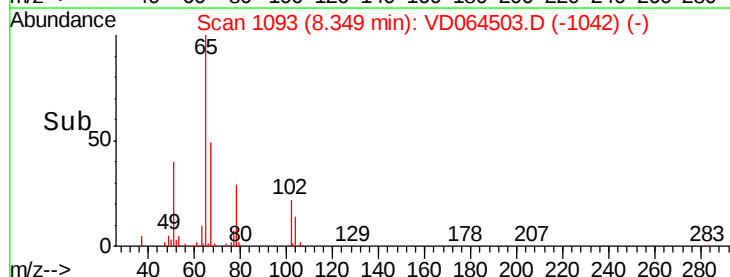
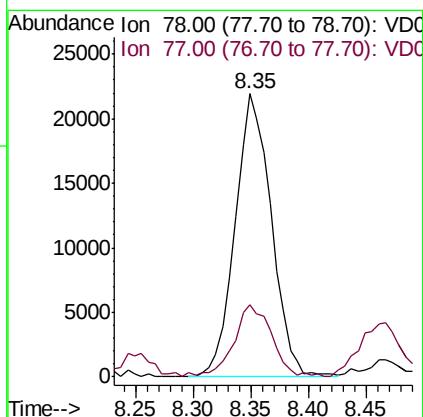
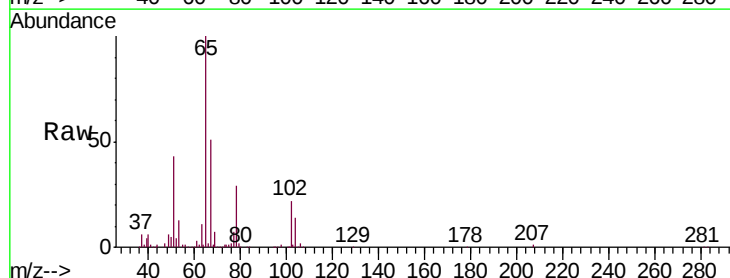
Instrument :
MSVOA_D
ClientSampleId :
TP-1A-D2

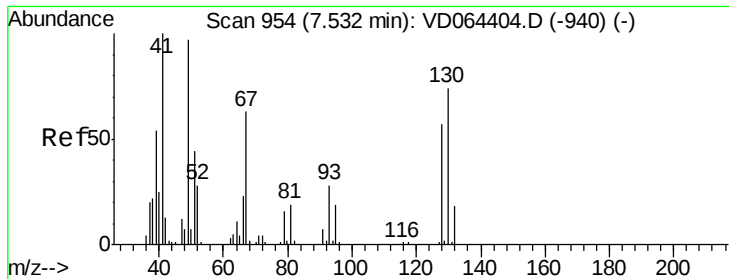
Tgt Ion: 83 Resp: 2395466
Ion Ratio Lower Upper
83 100
55 76.7 58.6 87.8
98 51.3 40.9 61.3



#40
Benzene
Concen: 1.873 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD064503.D
Acq: 11 Dec 2019 16:42

Tgt Ion: 78 Resp: 47973
Ion Ratio Lower Upper
78 100
77 24.1 19.6 29.4





#41

Methacrylonitrile

Concen: 4.705 ug/l

RT: 7.58 min Scan# 962

Delta R.T. 0.05 min

Lab File: VD064503.D

Acq: 11 Dec 2019 16:42

Instrument :

MSVOA_D

ClientSampleId :

TP-1A-D2

Tgt Ion: 41 Resp: 10560

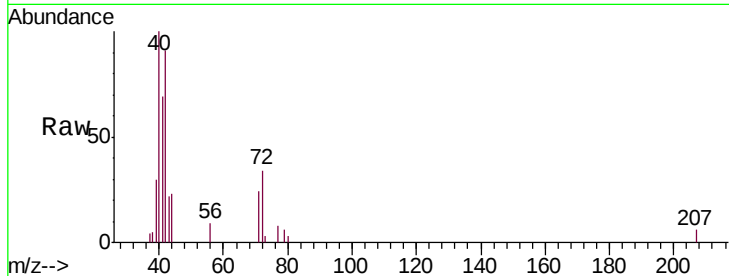
Ion Ratio Lower Upper

41 100

39 50.0 44.6 67.0

67 1.3 50.9 76.3#

52 0.0 22.5 33.7#

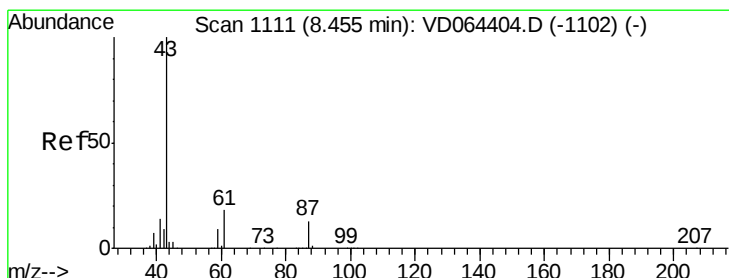
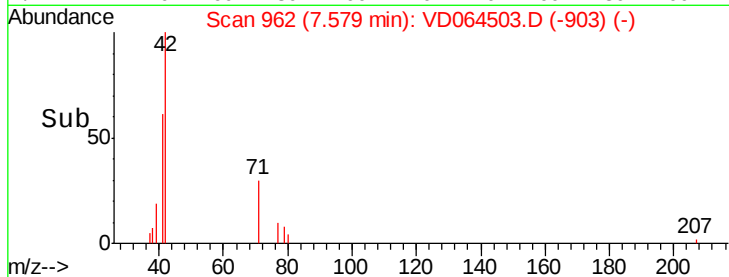
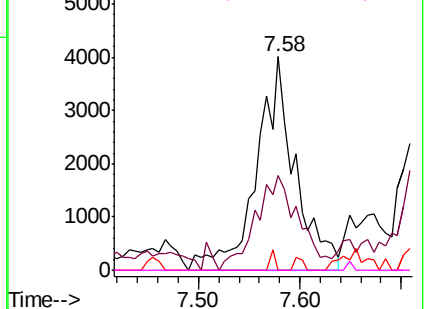


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#43

Isopropyl Acetate

Concen: 34.739 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD064503.D

Acq: 11 Dec 2019 16:42

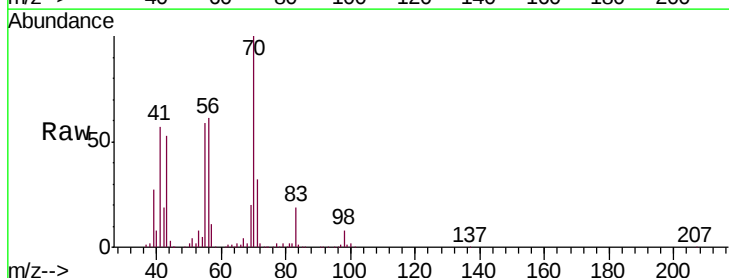
Tgt Ion: 43 Resp: 267339

Ion Ratio Lower Upper

43 100

61 0.4 24.0 36.0#

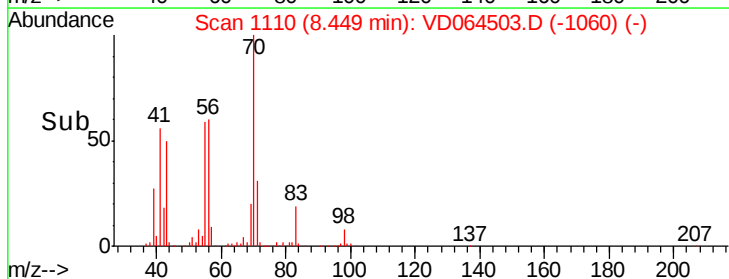
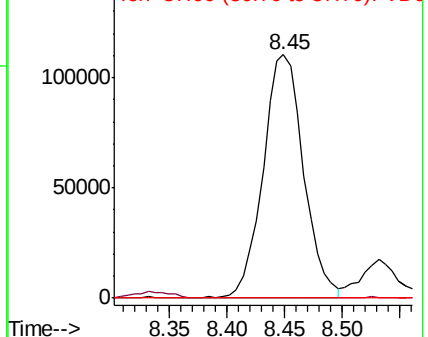
87 0.0 10.6 15.8#

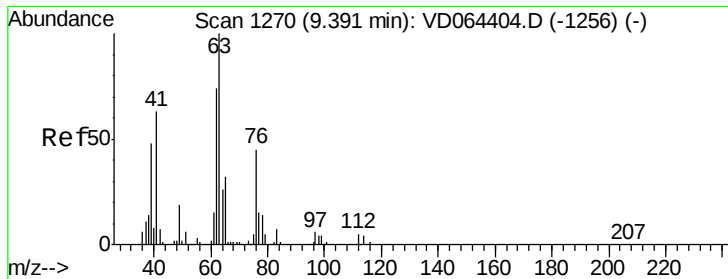


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC





#45

1,2-Dichloropropane

Concen: 4.824 ug/l

RT: 9.36 min Scan# 1264

Delta R.T. -0.04 min

Lab File: VD064503.D

Acq: 11 Dec 2019 16:42

Instrument :

MSVOA_D

ClientSampled :

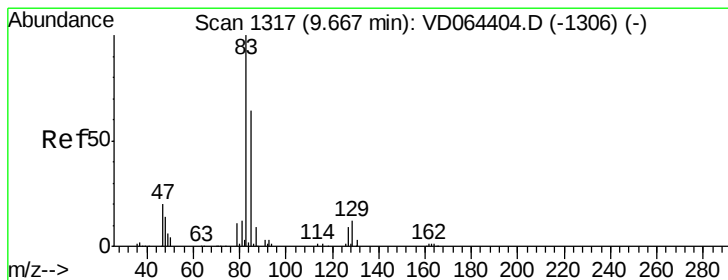
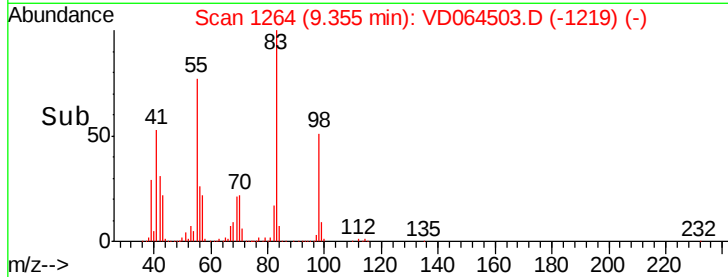
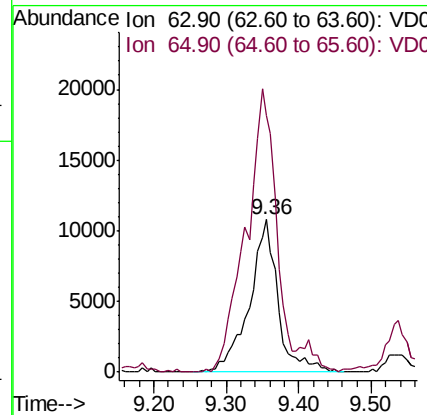
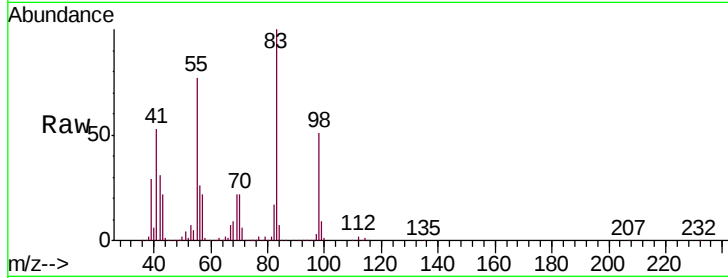
TP-1A-D2

Tgt Ion: 63 Resp: 29554

Ion Ratio Lower Upper

63 100

65 168.3 25.4 38.0#



#47

Bromodichloromethane

Concen: 6.339 ug/l

RT: 9.63 min Scan# 1311

Delta R.T. -0.04 min

Lab File: VD064503.D

Acq: 11 Dec 2019 16:42

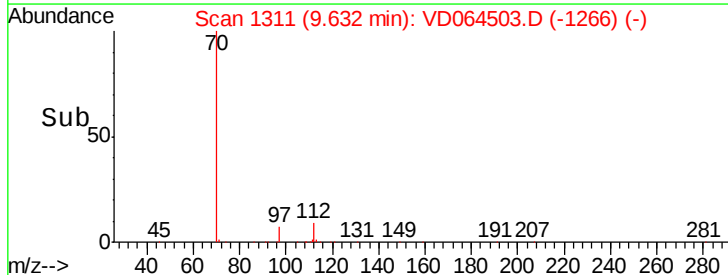
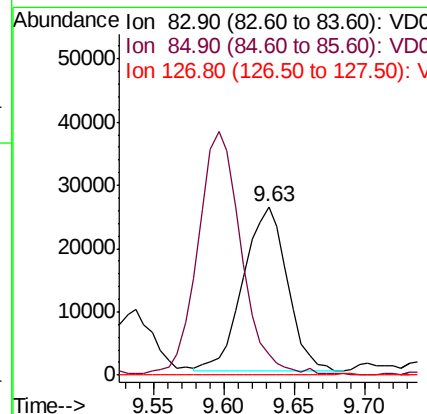
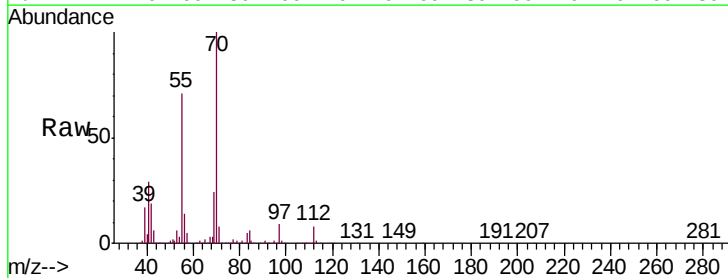
Tgt Ion: 83 Resp: 56329

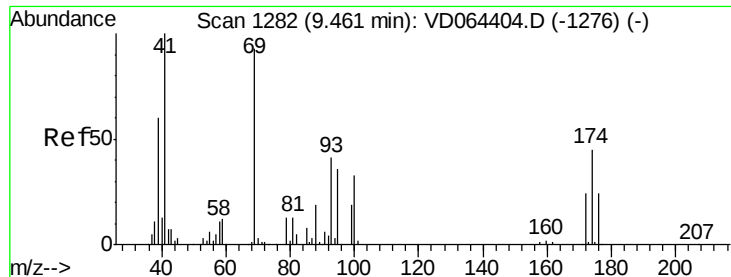
Ion Ratio Lower Upper

83 100

85 12.1 51.1 76.7#

127 0.0 7.4 11.0#

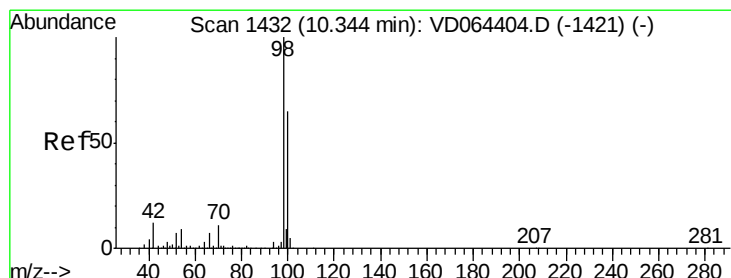
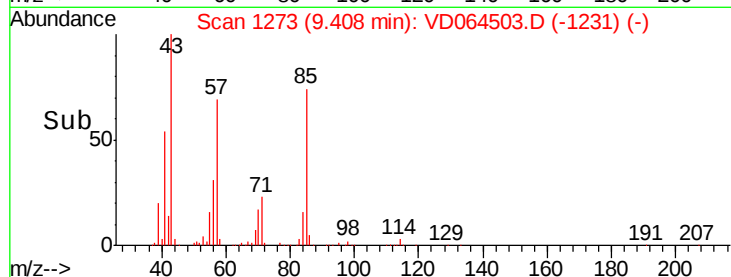
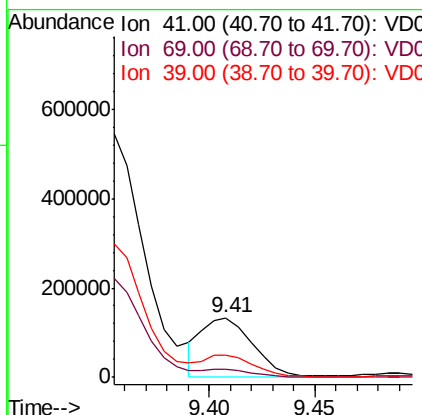
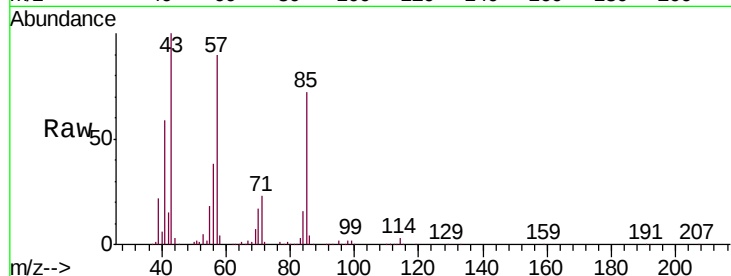




#48
Methyl methacrylate
Concen: 64.105 ug/l
RT: 9.41 min Scan# 1273
Delta R.T. -0.05 min
Lab File: VD064503.D
Acq: 11 Dec 2019 16:42

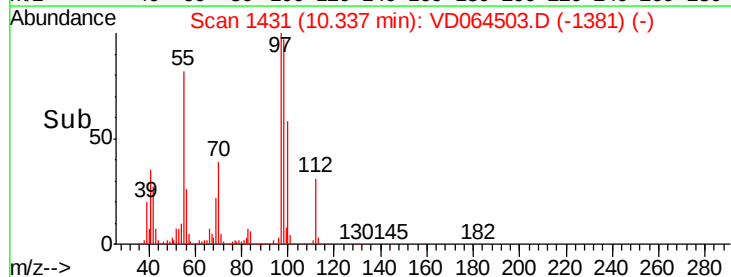
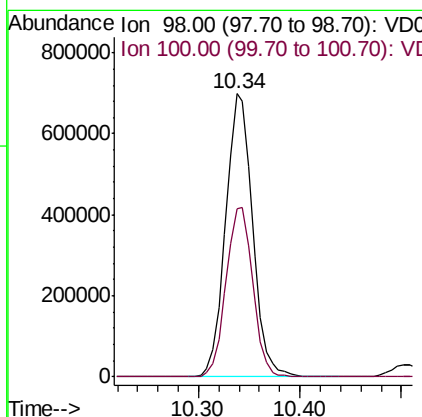
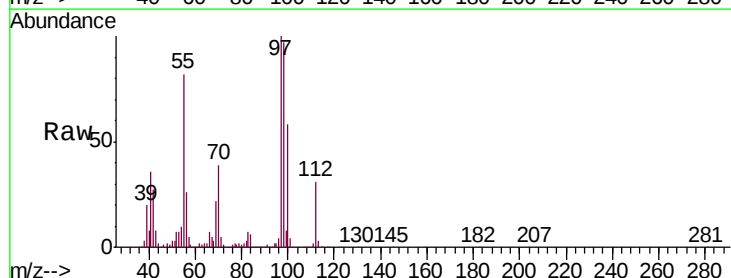
Instrument :
MSVOA_D
ClientSampleId :
TP-1A-D2

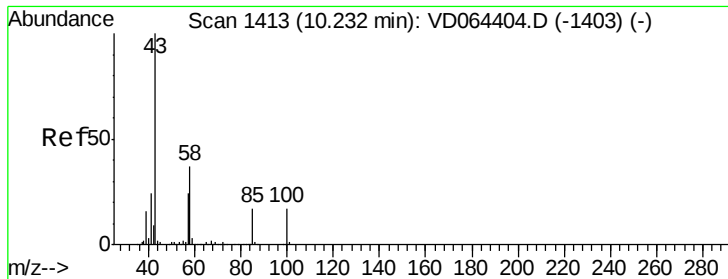
Tgt Ion: 41 Resp: 225745
Ion Ratio Lower Upper
41 100
69 0.0 72.0 108.0#
39 37.0 55.2 82.8#



#50
Toluene-d8
Concen: 55.859 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064503.D
Acq: 11 Dec 2019 16:42

Tgt Ion: 98 Resp: 1292850
Ion Ratio Lower Upper
98 100
100 59.4 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 4.757 ug/l

RT: 10.24 min Scan# 1414

Delta R.T. 0.01 min

Lab File: VD064503.D

Acq: 11 Dec 2019 16:42

Instrument :

MSVOA_D

ClientSampleId :

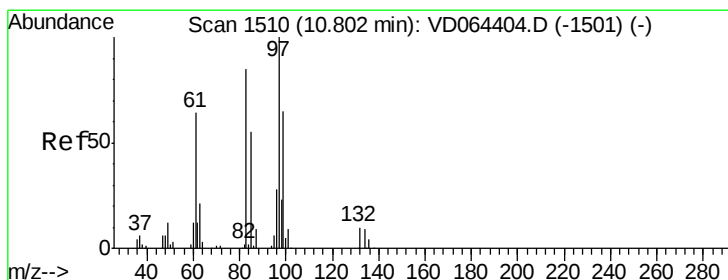
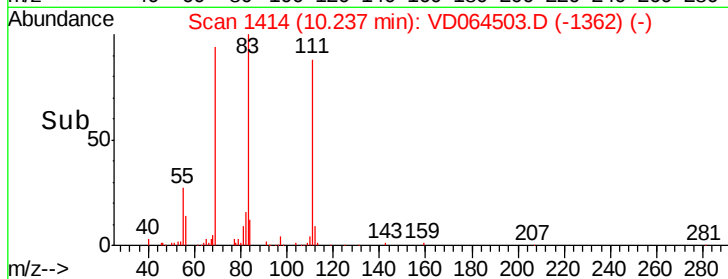
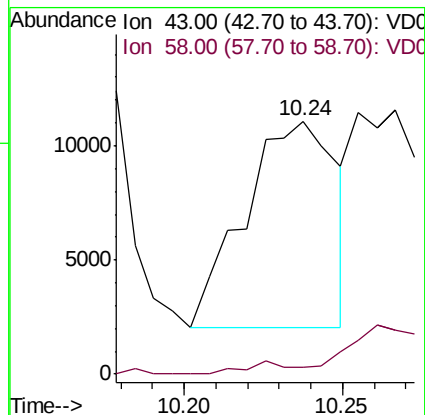
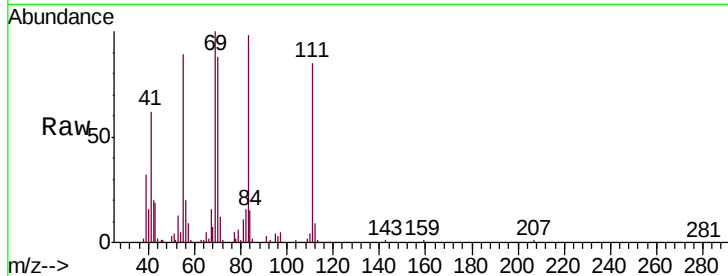
TP-1A-D2

Tgt Ion: 43 Resp: 18113

Ion Ratio Lower Upper

43 100

58 3.2 30.6 46.0#



#55

1,1,2-Trichloroethane

Concen: 155.532 ug/l

RT: 10.77 min Scan# 1505

Delta R.T. -0.03 min

Lab File: VD064503.D

Acq: 11 Dec 2019 16:42

Tgt Ion: 97 Resp: 736461

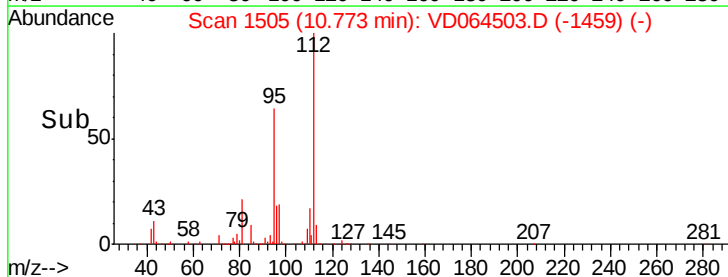
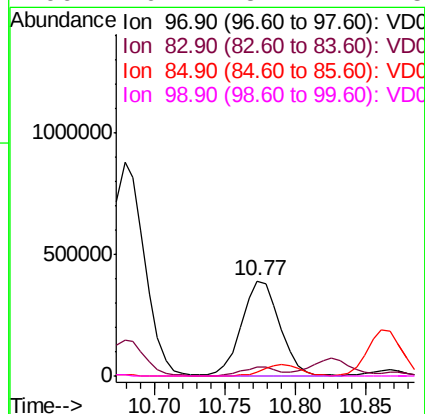
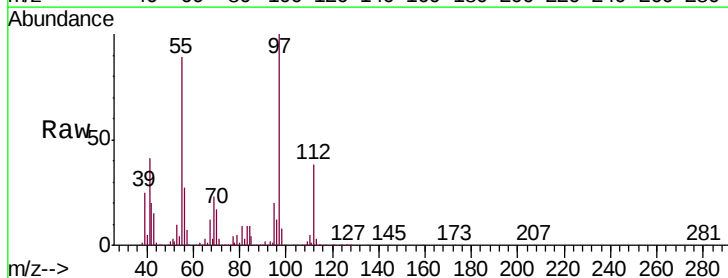
Ion Ratio Lower Upper

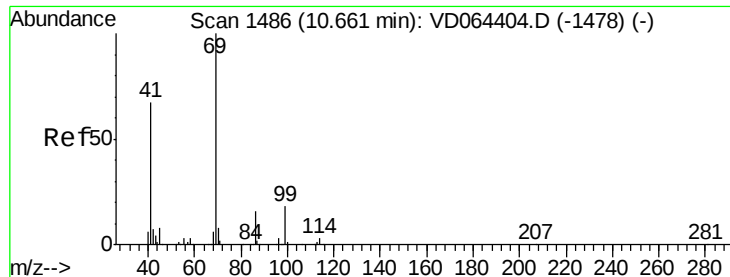
97 100

83 8.4 67.8 101.8#

85 4.0 43.7 65.5#

99 0.4 51.7 77.5#





#56

Ethyl methacrylate

Concen: 69.670 ug/l

RT: 10.68 min Scan# 1489

Delta R.T. 0.02 min

Lab File: VD064503.D

Acq: 11 Dec 2019 16:42

Instrument :

MSVOA_D

ClientSampleId :

TP-1A-D2

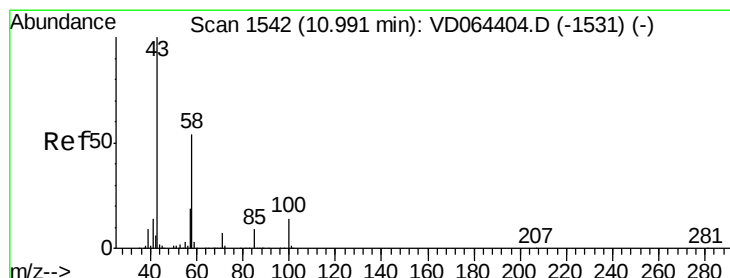
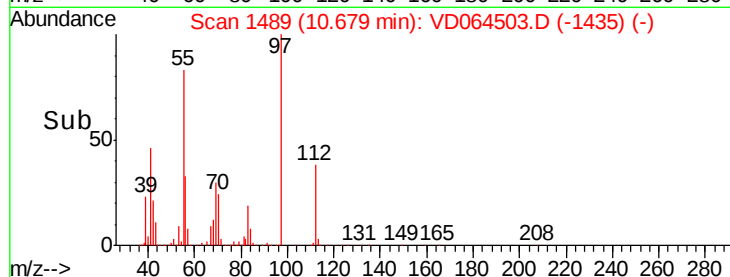
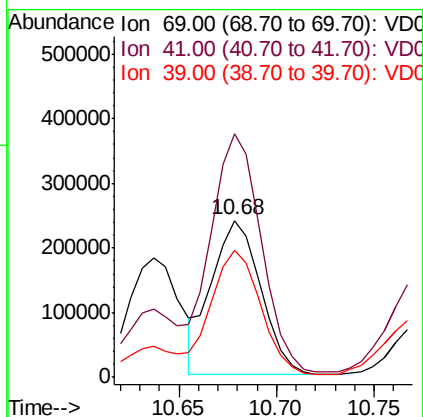
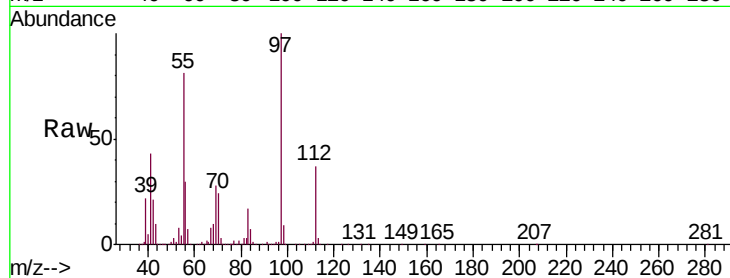
Tgt Ion: 69 Resp: 420764

Ion Ratio Lower Upper

69 100

41 159.8 55.0 82.4#

39 81.6 33.0 49.6#



#59

2-Hexanone

Concen: 435.868 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.04 min

Lab File: VD064503.D

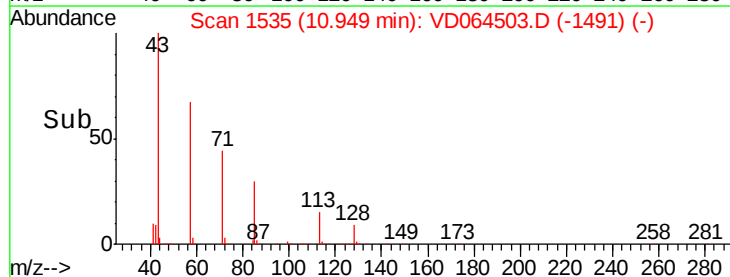
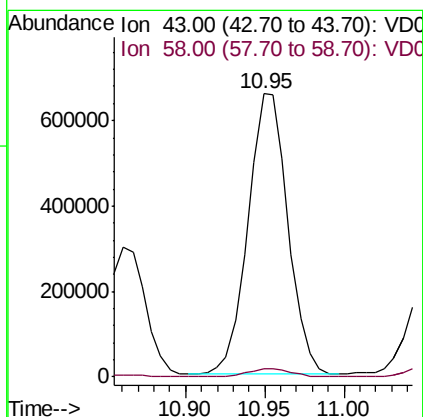
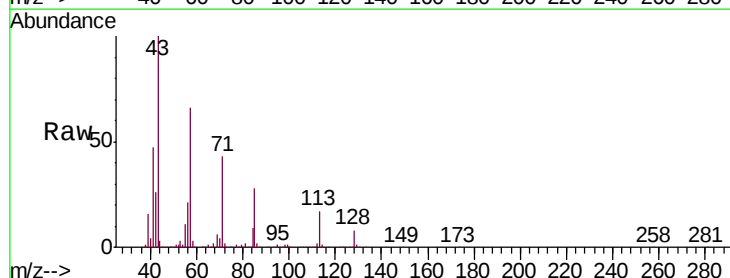
Acq: 11 Dec 2019 16:42

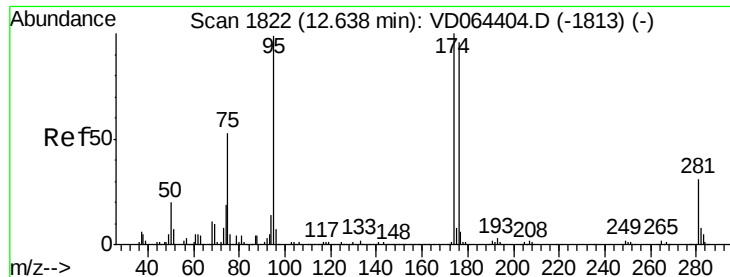
Tgt Ion: 43 Resp: 1151628

Ion Ratio Lower Upper

43 100

58 3.3 26.3 78.8#

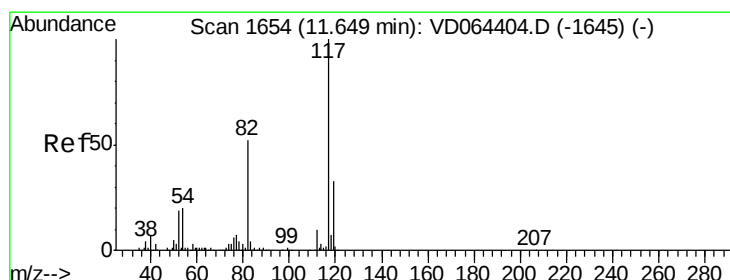
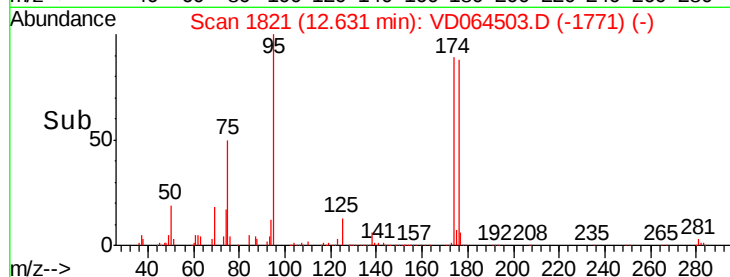
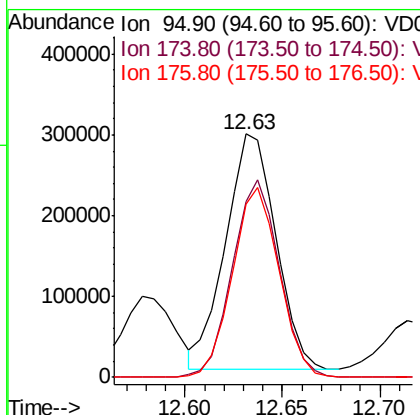
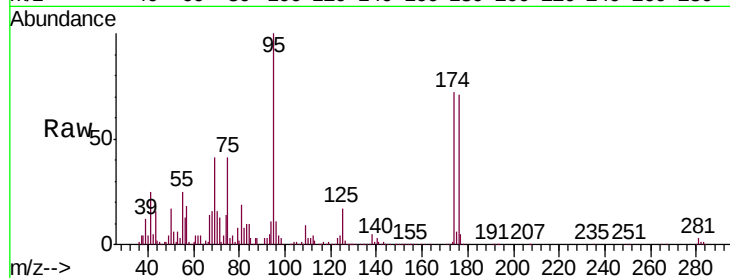




#62
4-Bromofluorobenzene
Concen: 70.208 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD064503.D
Acq: 11 Dec 2019 16:42

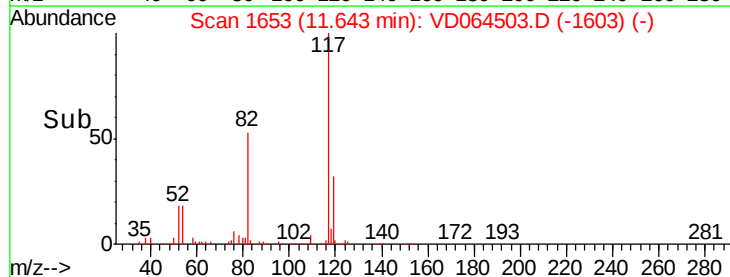
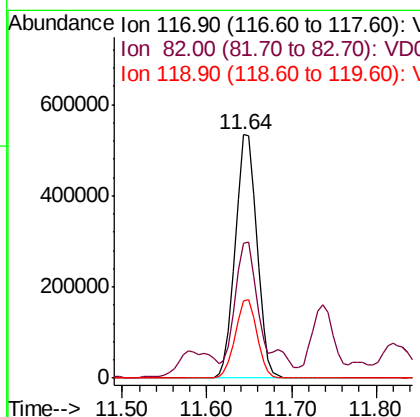
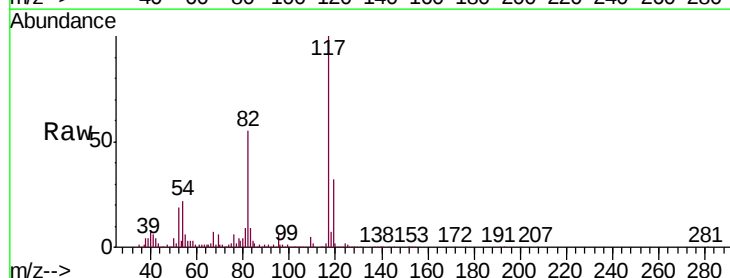
Instrument :
MSVOA_D
ClientSampleId :
TP-1A-D2

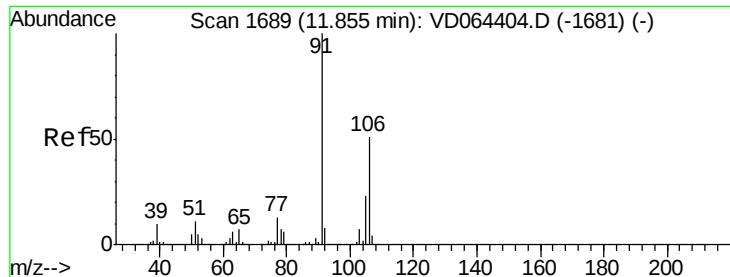
Tgt Ion: 95 Resp: 522212
Ion Ratio Lower Upper
95 100
174 78.0 0.0 197.2
176 74.7 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064503.D
Acq: 11 Dec 2019 16:42

Tgt Ion: 117 Resp: 940335
Ion Ratio Lower Upper
117 100
82 45.2 41.4 62.2
119 31.9 26.2 39.2





#68

m/p-Xylenes

Concen: 1.150 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VD064503.D

Acq: 11 Dec 2019 16:42

Instrument :

MSVOA_D

ClientSampleId :

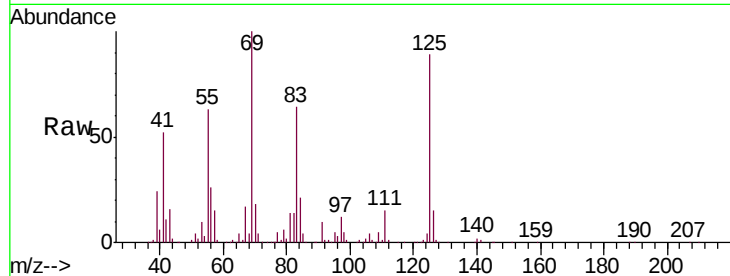
TP-1A-D2

Tgt Ion:106 Resp: 15305

Ion Ratio Lower Upper

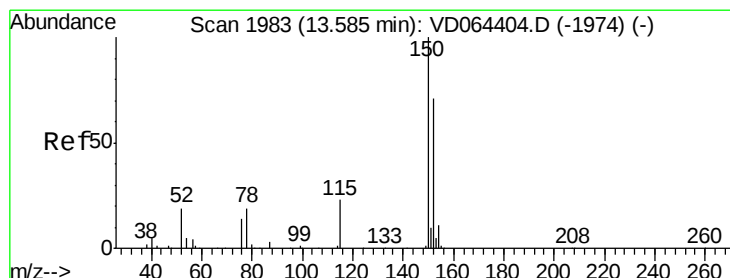
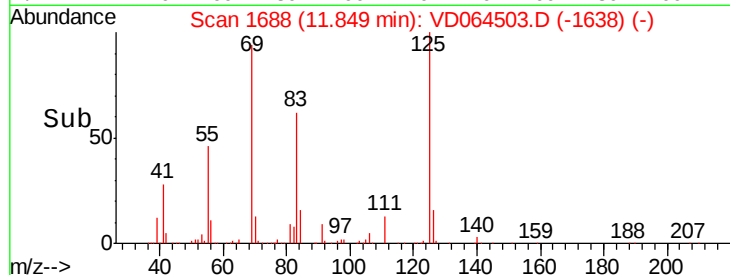
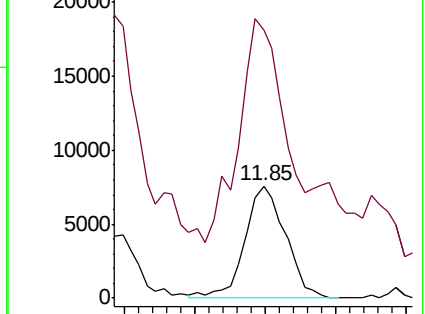
106 100

91 227.0 157.4 236.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD064503.D

Acq: 11 Dec 2019 16:42

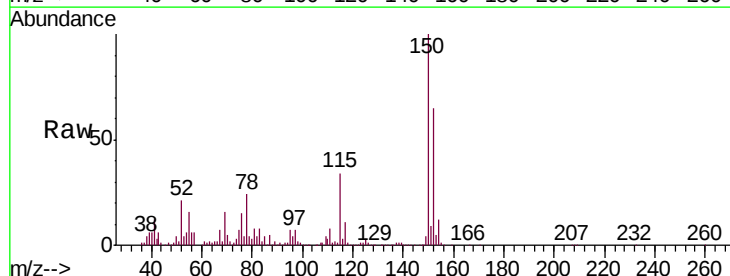
Tgt Ion:152 Resp: 508118

Ion Ratio Lower Upper

152 100

115 51.6 26.7 80.1

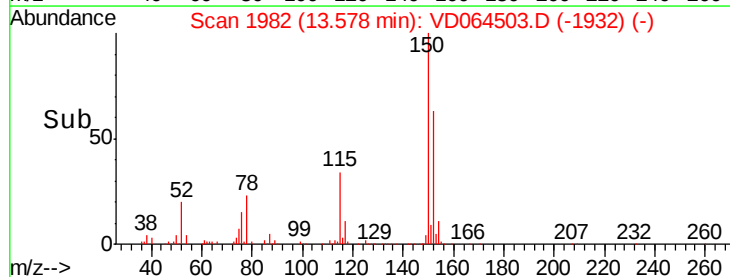
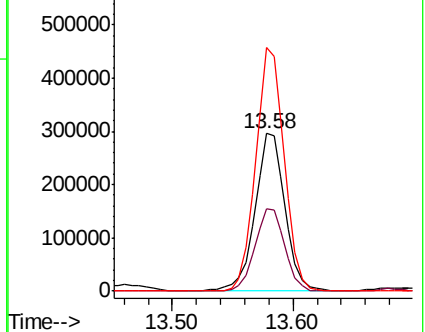
150 147.3 0.0 347.2

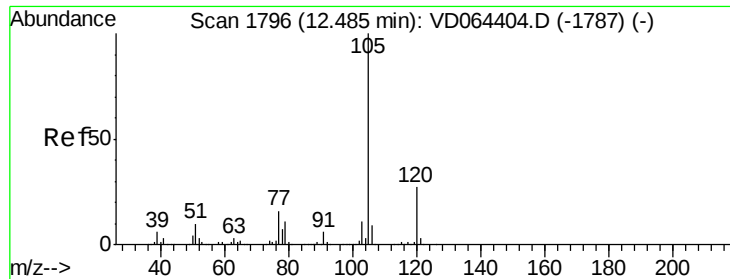


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 3.102 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD064503.D

Acq: 11 Dec 2019 16:42

Instrument :

MSVOA_D

ClientSampleId :

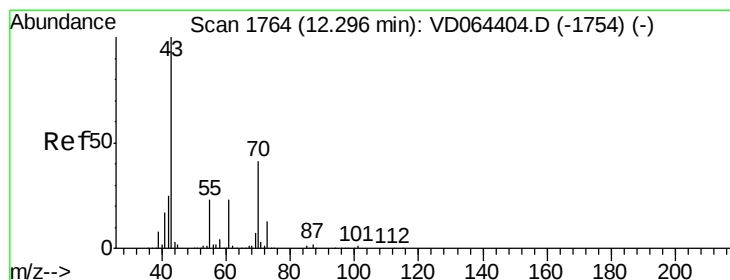
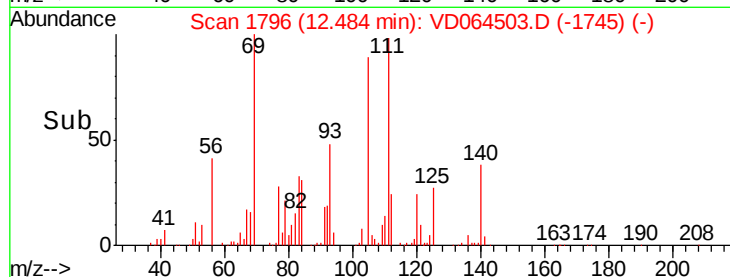
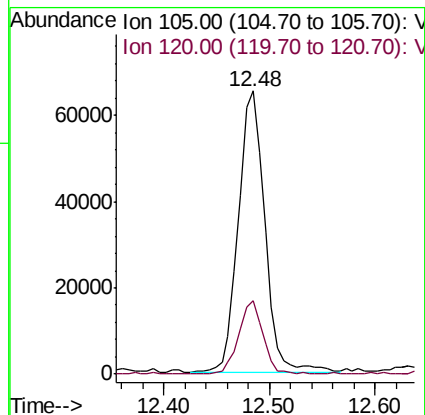
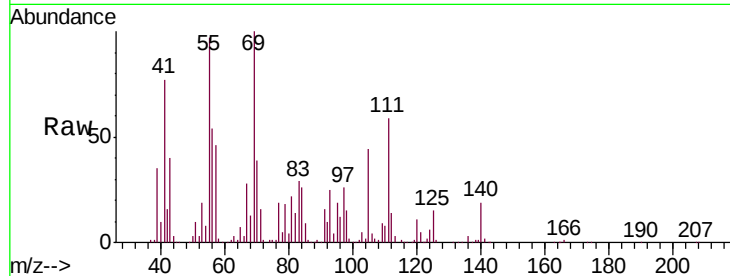
TP-1A-D2

Tgt Ion:105 Resp: 113377

Ion Ratio Lower Upper

105 100

120 23.7 13.4 40.2



#74

N-ethyl acetate

Concen: 62.918 ug/l

RT: 12.27 min Scan# 1760

Delta R.T. -0.02 min

Lab File: VD064503.D

Acq: 11 Dec 2019 16:42

Tgt Ion: 43 Resp: 521857

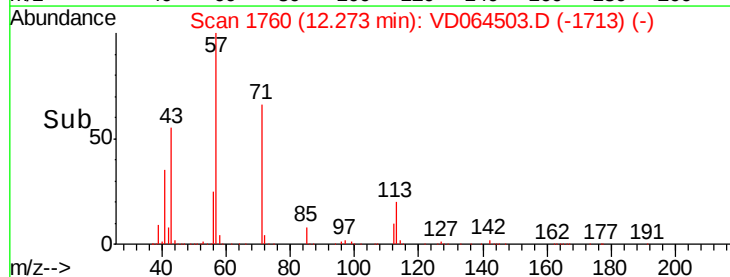
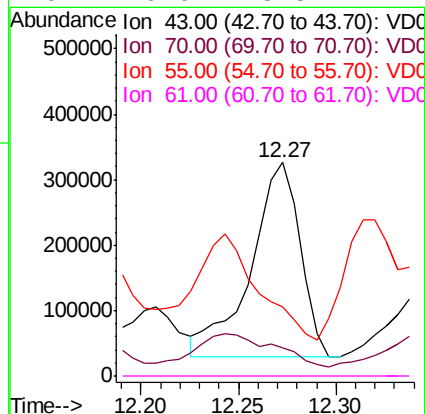
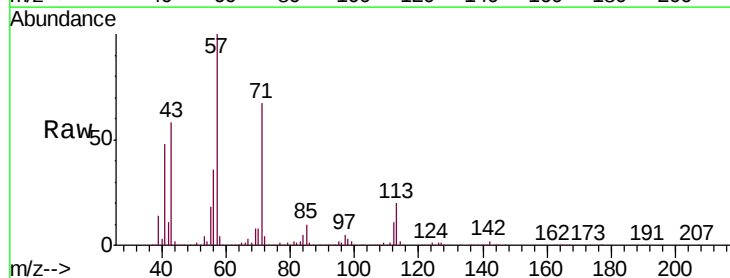
Ion Ratio Lower Upper

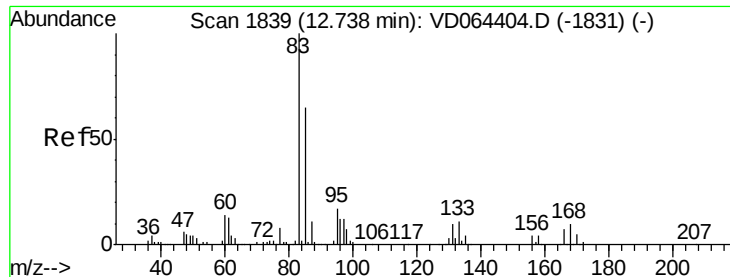
43 100

70 0.0 33.4 50.2#

55 0.0 18.9 28.3#

61 0.0 18.5 27.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 12.521 ug/l

RT: 12.71 min Scan# 1834

Delta R.T. -0.03 min

Lab File: VD064503.D

Acq: 11 Dec 2019 16:42

Instrument :

MSVOA_D

ClientSampleId :

TP-1A-D2

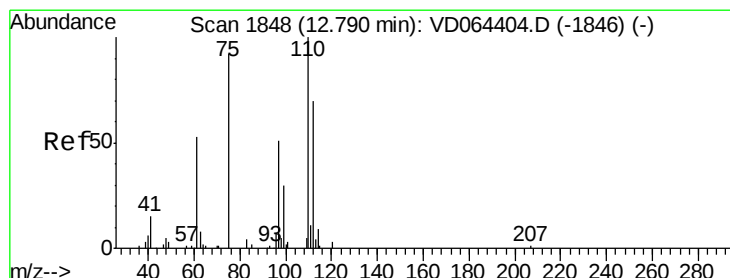
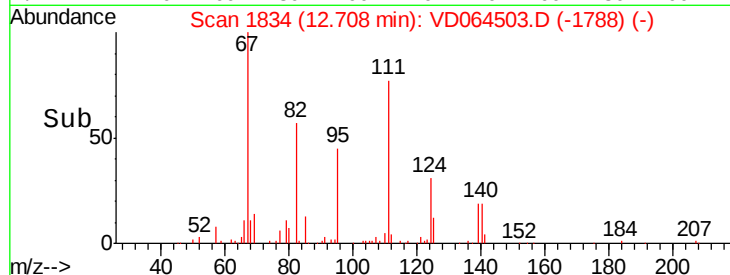
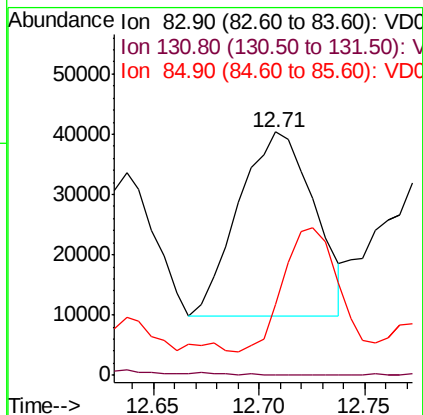
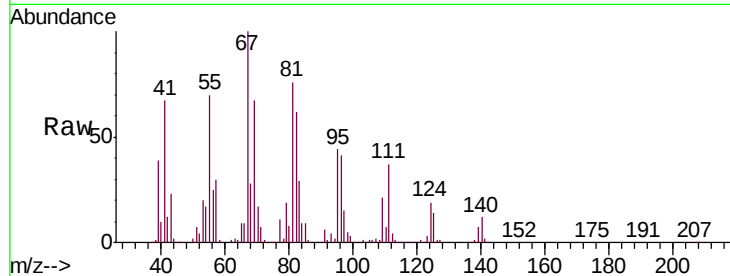
Tgt Ion: 83 Resp: 75668

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.0#

85 49.3 31.3 93.9



#76

1,2,3-Trichloropropane

Concen: 52.284 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064503.D

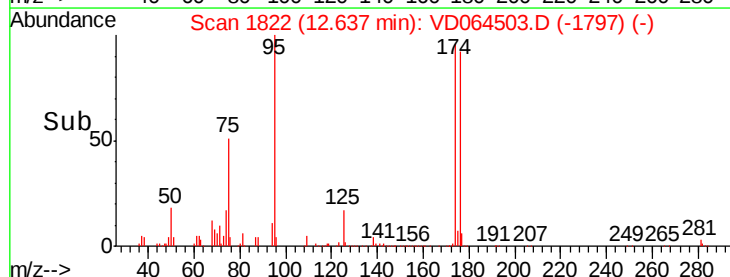
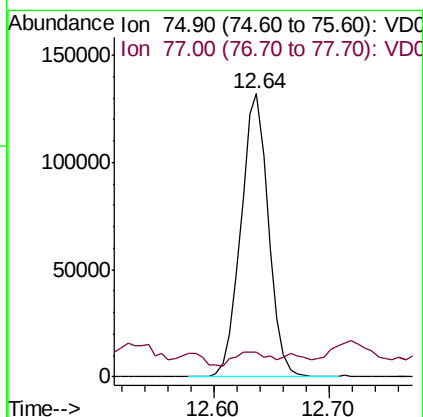
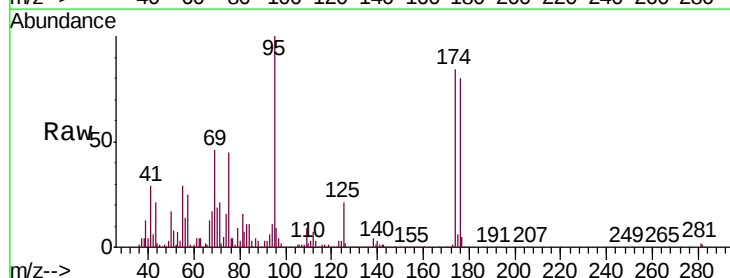
Acq: 11 Dec 2019 16:42

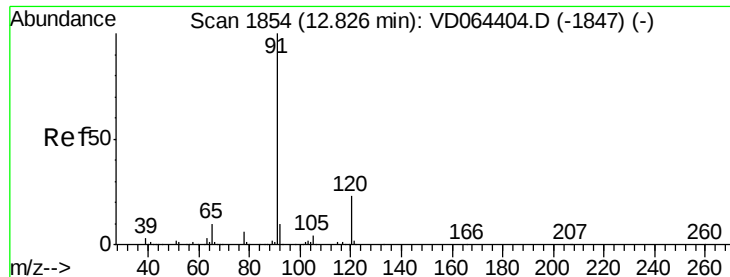
Tgt Ion: 75 Resp: 218474

Ion Ratio Lower Upper

75 100

77 6.4 0.0 0.0#





#78

n-propylbenzene

Concen: 1.102 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VD064503.D

Acq: 11 Dec 2019 16:42

Instrument :

MSVOA_D

ClientSampleId :

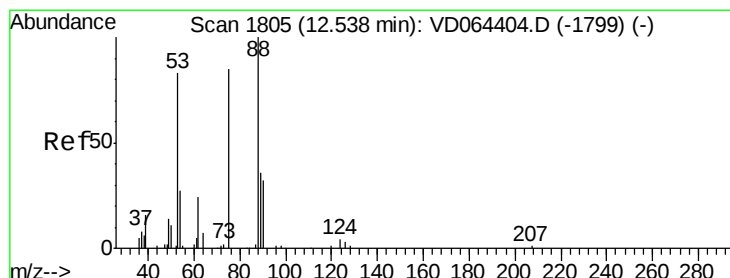
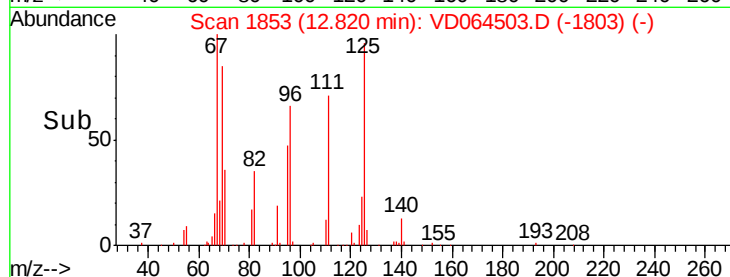
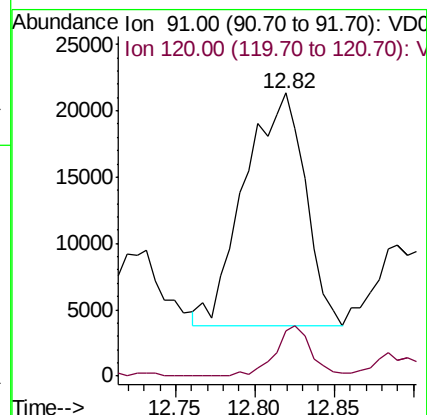
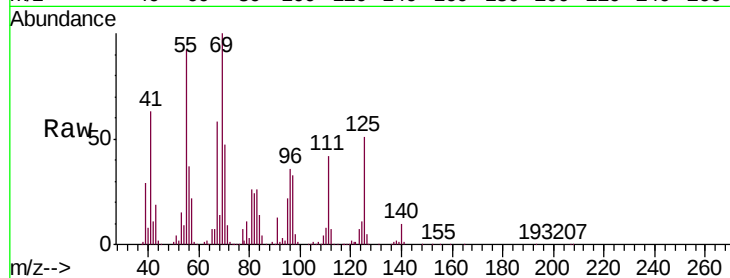
TP-1A-D2

Tgt Ion: 91 Resp: 46482

Ion Ratio Lower Upper

91 100

120 13.1 11.9 35.9



#81

trans-1,4-Dichloro-2-butene

Concen: 114.007 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD064503.D

Acq: 11 Dec 2019 16:42

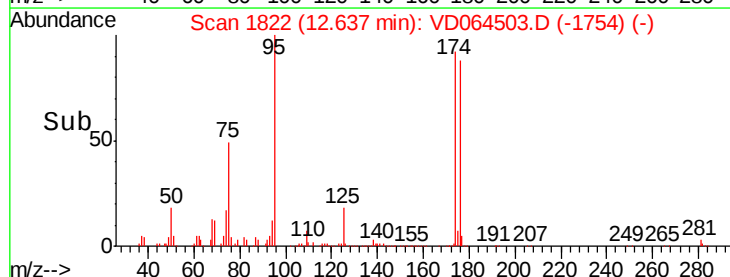
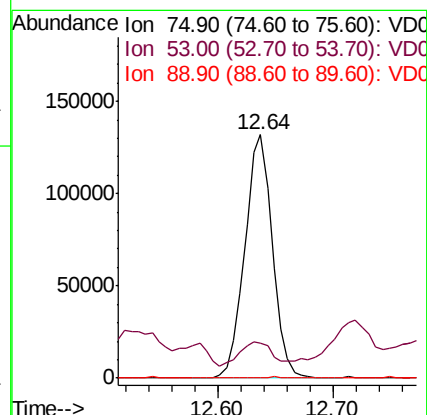
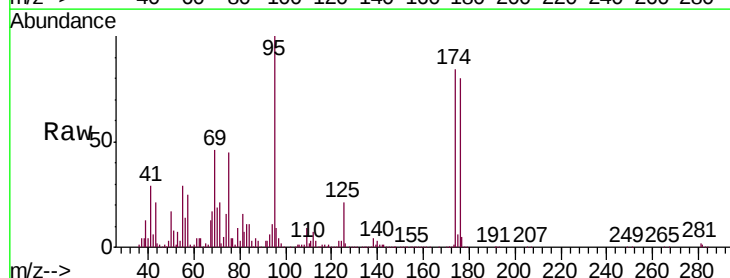
Tgt Ion: 75 Resp: 218474

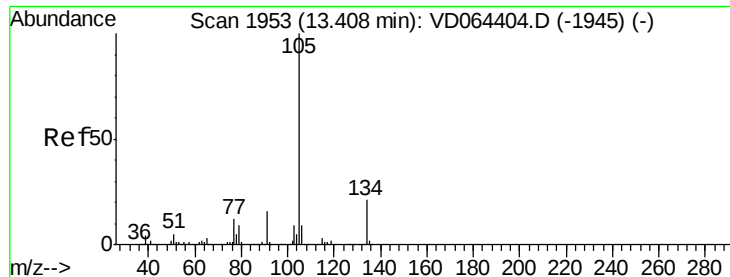
Ion Ratio Lower Upper

75 100

53 11.6 81.0 121.6#

89 0.1 38.5 57.7#

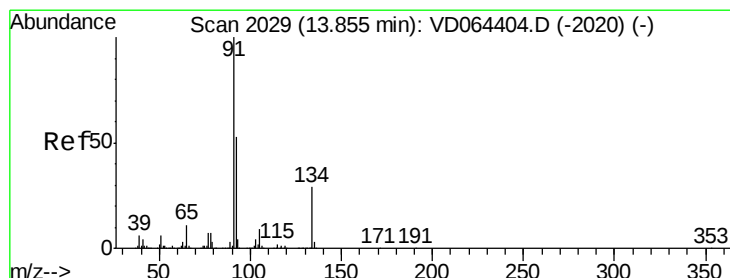
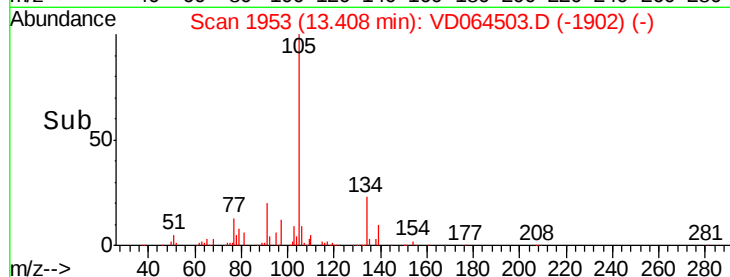
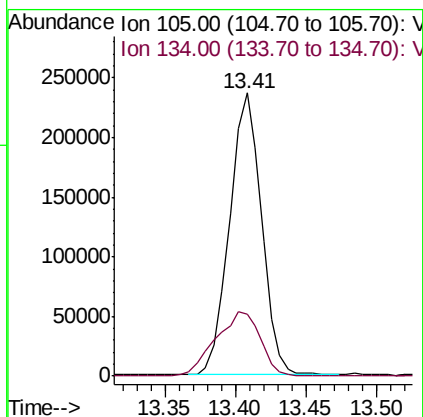
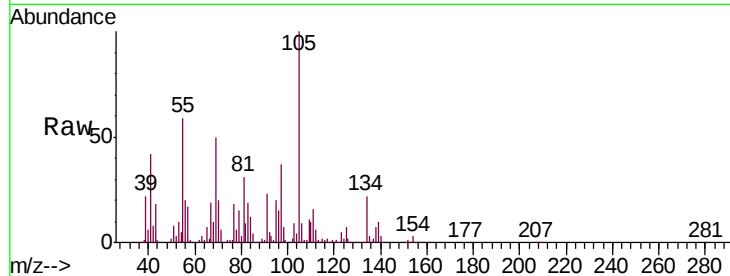




#85
 sec-Butylbenzene
 Concen: 10.456 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD064503.D
 Acq: 11 Dec 2019 16:42

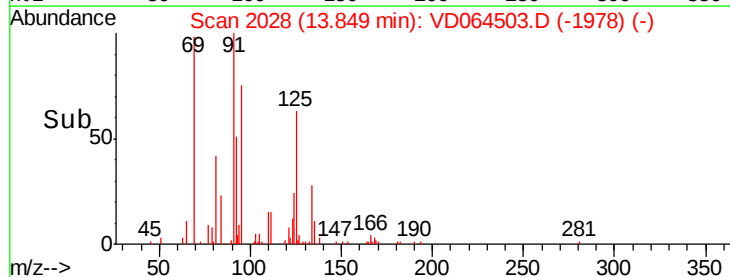
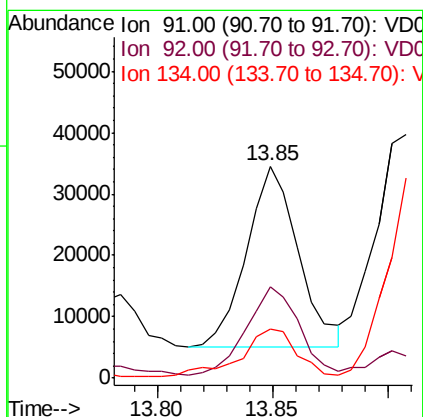
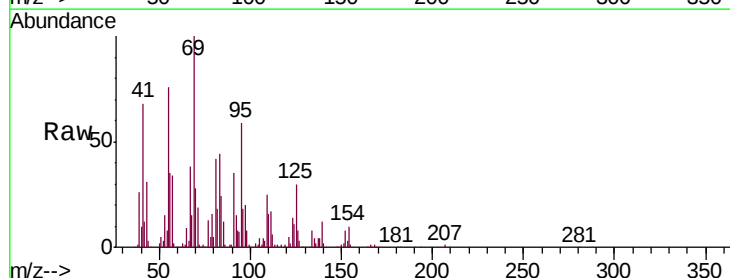
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1A-D2

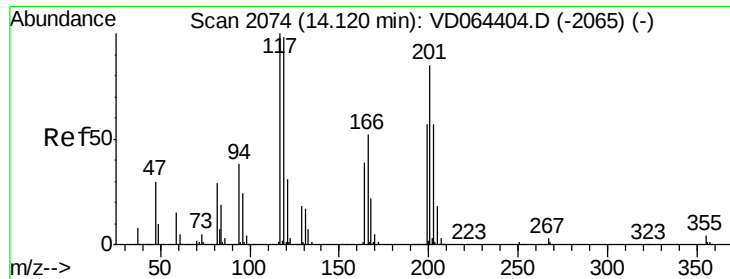
Tgt Ion: 105 Resp: 372571
 Ion Ratio Lower Upper
 105 100
 134 31.9 10.5 31.5#



#89
 n-Butylbenzene
 Concen: 1.504 ug/l
 RT: 13.85 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: VD064503.D
 Acq: 11 Dec 2019 16:42

Tgt Ion: 91 Resp: 45933
 Ion Ratio Lower Upper
 91 100
 92 49.6 26.5 79.4
 134 29.1 13.9 41.7





#90

Hexachloroethane

Concen: 5.881 ug/l

RT: 14.13 min Scan# 2075

Delta R.T. 0.01 min

Lab File: VD064503.D

Acq: 11 Dec 2019 16:42

Instrument :

MSVOA_D

ClientSampleId :

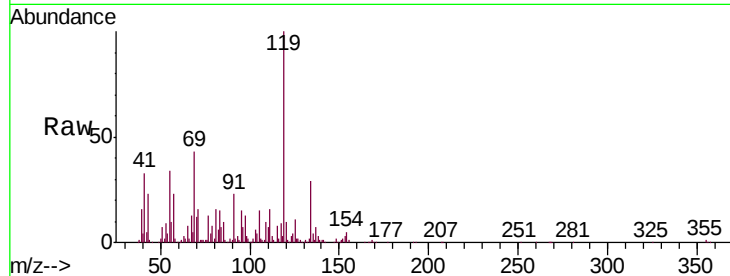
TP-1A-D2

Tgt Ion:117 Resp: 37004

Ion Ratio Lower Upper

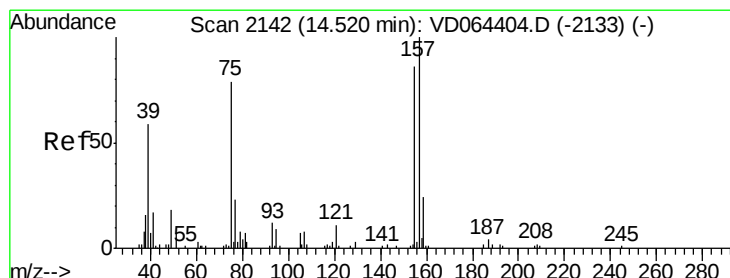
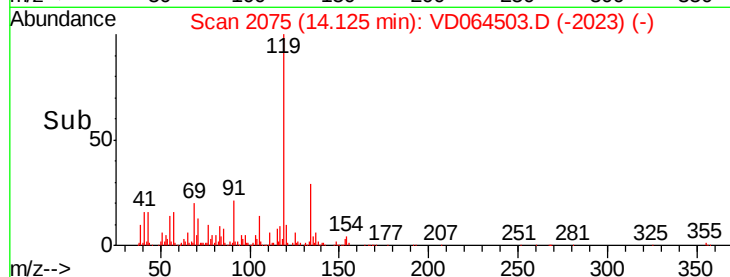
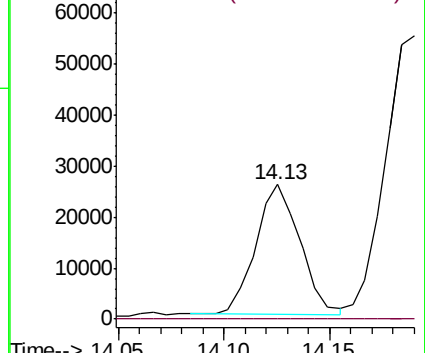
117 100

201 0.0 44.3 132.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.53 min Scan# 2143

Delta R.T. 0.01 min

Lab File: VD064503.D

Acq: 11 Dec 2019 16:42

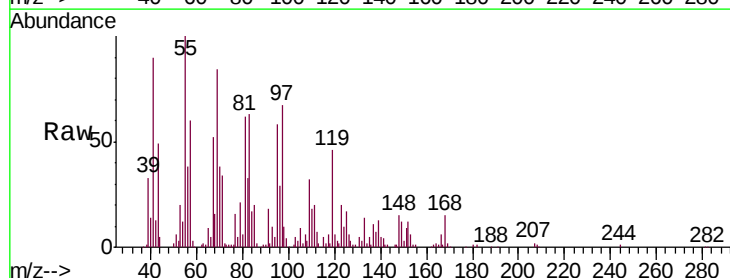
Tgt Ion: 75 Resp: 667

Ion Ratio Lower Upper

75 100

155 36.9 51.9 155.7#

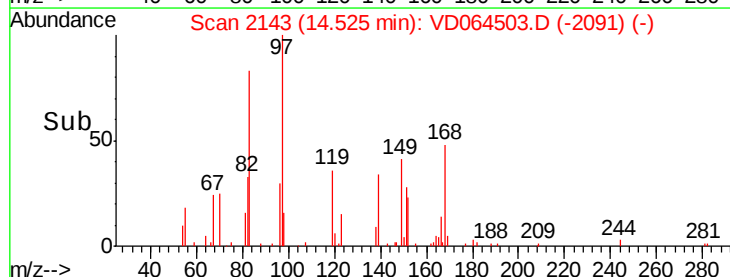
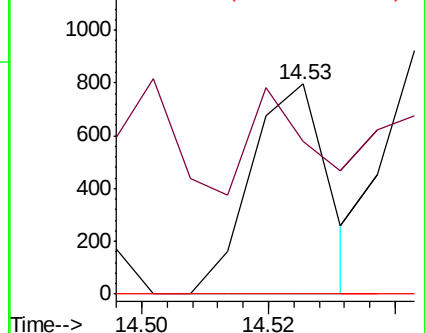
157 0.0 63.2 189.8#

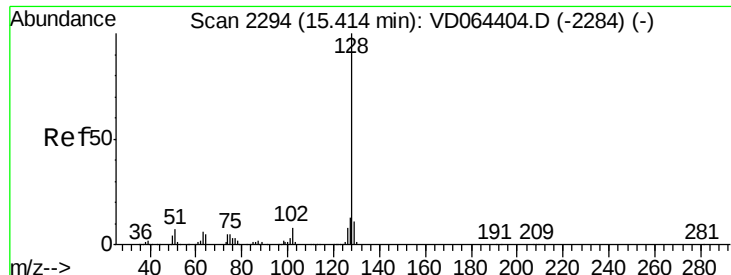


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

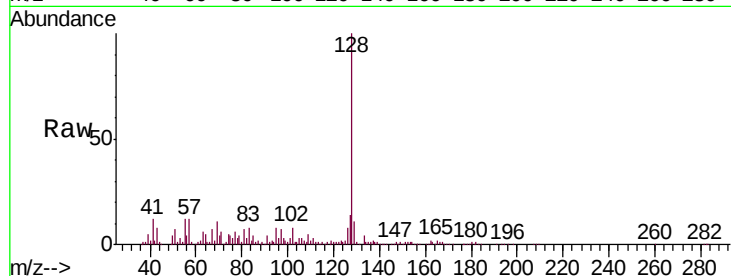




#95
Naphthalene
Concen: 41.403 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD064503.D
Acq: 11 Dec 2019 16:42

Instrument :
MSVOA_D
ClientSampleId :
TP-1A-D2

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.3	10.5	15.7
129	12.0	8.8	13.2



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

