

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090420\
 Data File : VD066570.D
 Acq On : 04 Sep 2020 18:30
 Operator : VA/SY
 Sample : L3915-18
 Misc : 9.43G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-PM-A2-10-14-D

Quant Time: Sep 05 03:49:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	368087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	654358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	609939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	460532	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	228029	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
35) Dibromofluoromethane	7.91	113	214704	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	10.34	98	1002022	63.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.02%	
62) 4-Bromofluorobenzene	12.63	95	778825	148.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	71	Below Cal	#	46
5) Bromomethane	2.76	94	196	Below Cal	#	9
11) Tert butyl alcohol	5.21	59	246	Below Cal	#	74
15) Acrylonitrile	5.48	53	8620	10.448	ug/l #	41
16) Acetone	4.16	43	73738	89.987	ug/l	97
17) Carbon Disulfide	4.40	76	36987	3.034	ug/l	98
20) Methylene Chloride	4.97	84	24621	Below Cal		93
25) 2-Butanone	7.21	43	35243	32.039	ug/l #	84
31) Cyclohexane	7.98	56	489505	67.374	ug/l	97
36) 1,1-Dichloropropene	7.97	75	33857	4.972	ug/l #	61
37) Ethyl Acetate	7.21	43	35243	12.997	ug/l #	72
38) Carbon Tetrachloride	7.98	117	40509	5.628	ug/l #	19
39) Methylcyclohexane	9.35	83	2833875	372.669	ug/l	96
40) Benzene	8.34	78	50151	2.689	ug/l	97
41) Methacrylonitrile	7.56	41	2612	1.990	ug/l #	50
43) Isopropyl Acetate	8.44	43	134686	25.918	ug/l #	52
47) Bromodichloromethane	9.63	83	95648	13.662	ug/l #	32
48) Methyl methacrylate	9.48	41	62415	23.753	ug/l #	14
49) 1,4-Dioxane	9.34	88	83	2.924	ug/l #	1
51) 4-Methyl-2-Pentanone	10.26	43	72655	27.722	ug/l #	63
52) Toluene	10.40	92	56755	4.807	ug/l	92
55) 1,1,2-Trichloroethane	10.77	97	1409240	423.559	ug/l #	22
56) Ethyl methacrylate	10.64	69	323887	83.607	ug/l	89
59) 2-Hexanone	10.96	43	4469926	2536.220	ug/l #	31
60) Dibromochloromethane	11.06	129	24566	5.584	ug/l #	33
61) 1,2-Dibromoethane	11.24	107	13669	4.223	ug/l #	3
65) Chlorobenzene	11.68	112	21308	1.693	ug/l	99
68) m/p-Xylenes	11.74	106	19639268	2288.220	ug/l #	1
69) o-Xylene	12.18	106	18986003	2468.337	ug/l #	1
70) Styrene	12.18	104	1308838	97.876	ug/l #	1
73) Isopropylbenzene	12.48	105	13840681	405.918	ug/l	94
74) N-amyl acetate	12.27	43	2981539	386.079	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.71	83	316716	52.577	ug/l #	34
76) 1,2,3-Trichloropropane	12.82	75	132635	29.946	ug/l #	100

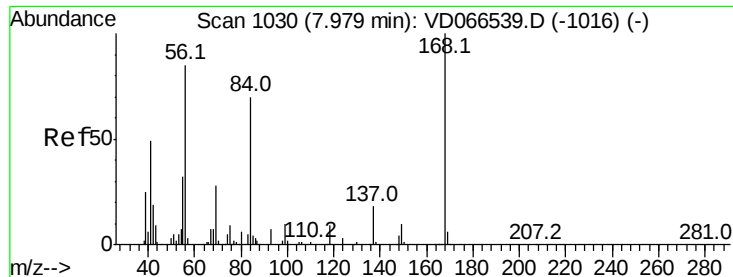
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090420\
 Data File : VD066570.D
 Acq On : 04 Sep 2020 18:30
 Operator : VA/SY
 Sample : L3915-18
 Misc : 9.43G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-PM-A2-10-14-D

Quant Time: Sep 05 03:49:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	12.82	91	16505868	399.324	ug/l	87
79) 2-Chlorotoluene	12.92	91	1470277	63.405	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.96	105	4513468	157.271	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.48	75	185377	97.715	ug/l #	60
82) 4-Chlorotoluene	12.96	91	534841	21.569	ug/l #	64
83) tert-Butylbenzene	13.23	119	388698	16.586	ug/l	93
84) 1,2,4-Trimethylbenzene	13.27	105	18457510	645.981	ug/l	72
85) sec-Butylbenzene	13.41	105	2323535	68.816	ug/l #	70
86) p-Isopropyltoluene	13.52	119	1440283	47.393	ug/l	98
89) n-Butylbenzene	13.85	91	2427516	81.970	ug/l #	75
90) Hexachloroethane	14.13	117	836530	127.751	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	14.53	75	19039	18.606	ug/l #	20
93) 1,2,4-Trichlorobenzene	15.16	180	25937	3.276	ug/l #	1
95) Naphthalene	15.57	128	344589	24.909	ug/l #	4
96) 1,2,3-Trichlorobenzene	15.62	180	24215	3.588	ug/l #	12

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

Instrument :

MSVOA_D

ClientSampleId :

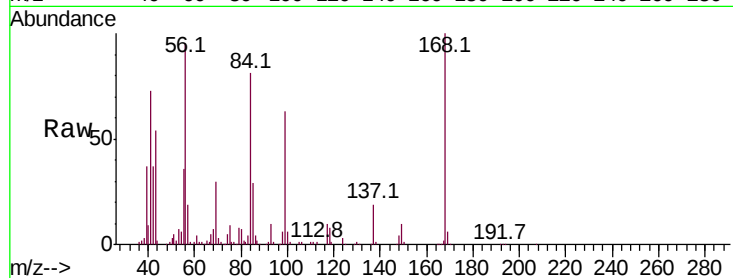
WC-PM-A2-10-14-D

Tot Ion:168 Resp: 368087

Ion Ratio Lower Upper

168 100

99 62.6 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

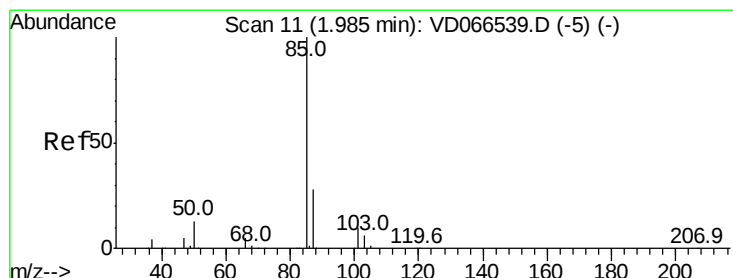
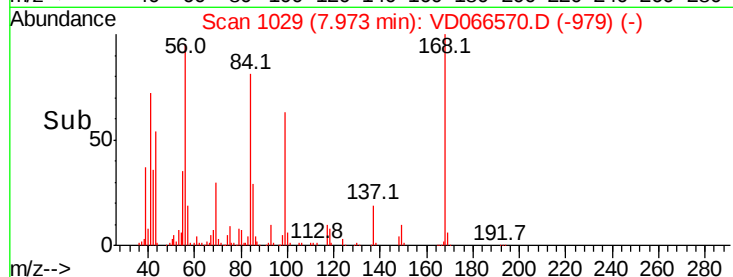
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.98 min Scan# 10

Delta R.T. -0.01 min

Lab File: VD066570.D

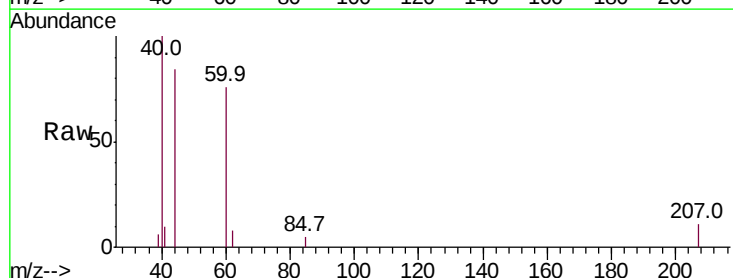
Acq: 04 Sep 2020 18:30

Tgt Ion: 85 Resp: 71

Ion Ratio Lower Upper

85 100

87 0.0 14.2 42.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.98

200

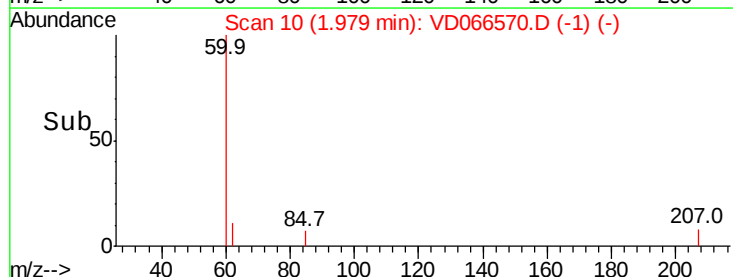
150

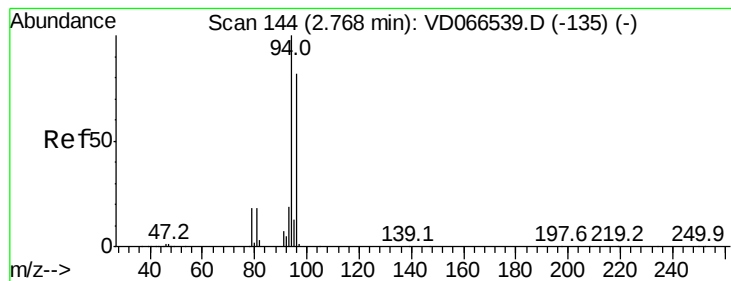
100

50

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

Instrument :

MSVOA_D

ClientSampleId :

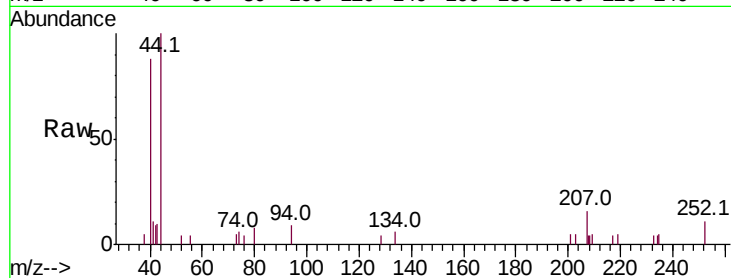
WC-PM-A2-10-14-D

Tot Ion: 94 Resp: 196

Ion Ratio Lower Upper

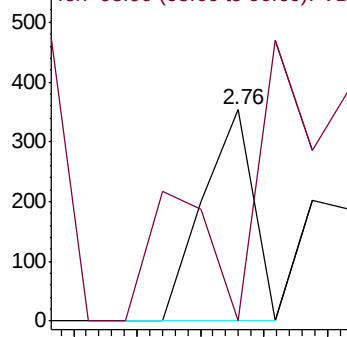
94 100

96 0.0 65.2 97.8#

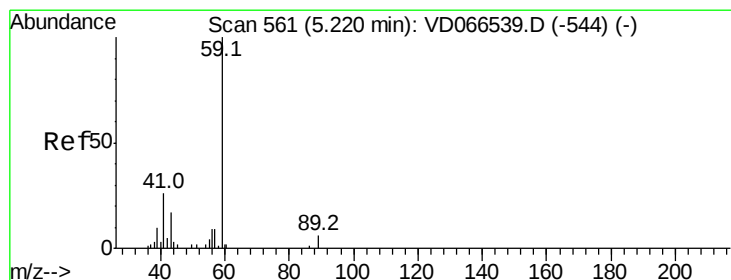
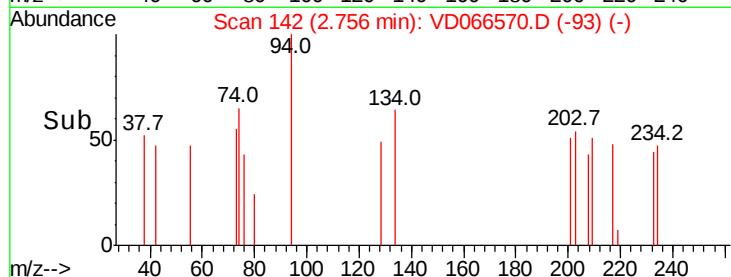


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD066570.D

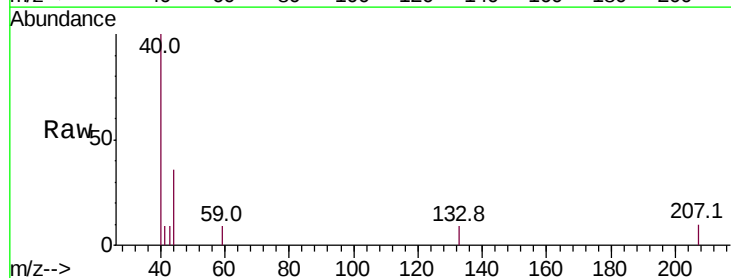
Acq: 04 Sep 2020 18:30

Tgt Ion: 59 Resp: 246

Ion Ratio Lower Upper

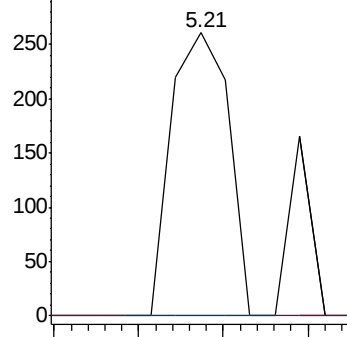
59 100

57 0.0 7.6 11.4#

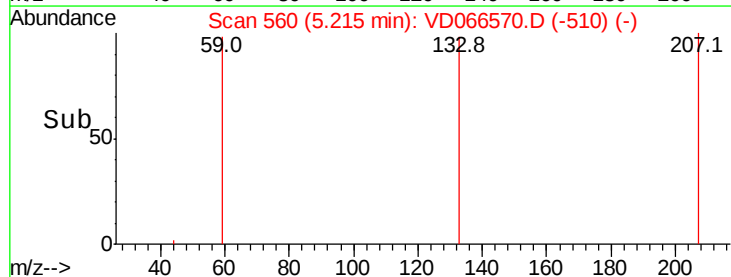


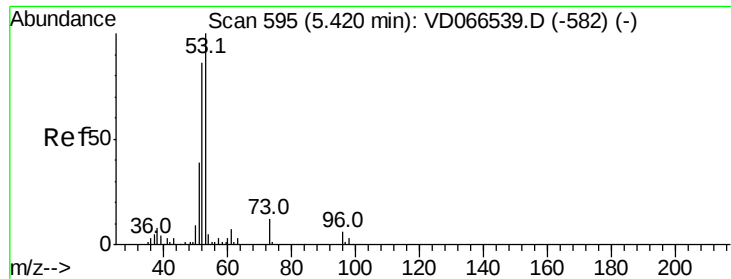
Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



Time-->





#15

Acrylonitrile

Concen: 10.448 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.06 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

Instrument :

MSVOA_D

ClientSampleId :

WC-PM-A2-10-14-D

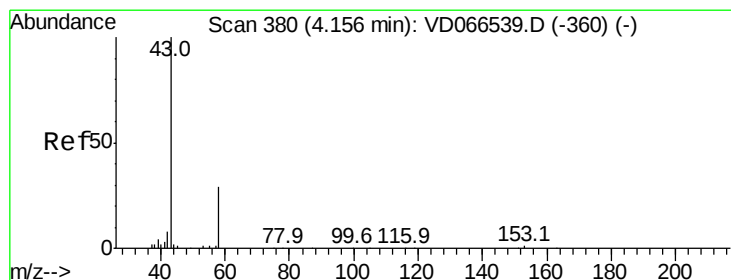
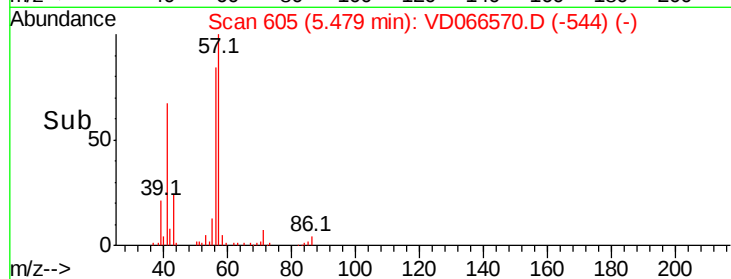
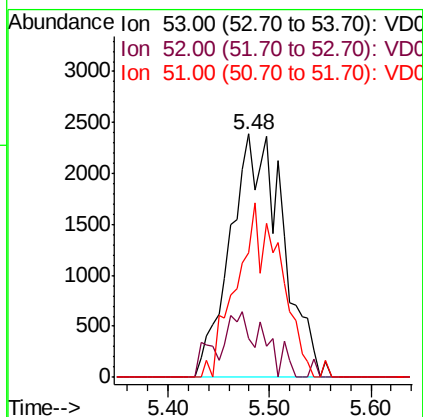
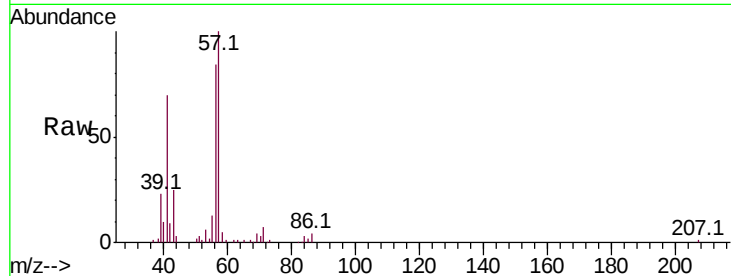
Tot Ion: 53 Resp: 8620

Ion Ratio Lower Upper

53 100

52 7.8 65.4 98.2#

51 33.3 31.2 46.8



#16

Acetone

Concen: 89.987 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066570.D

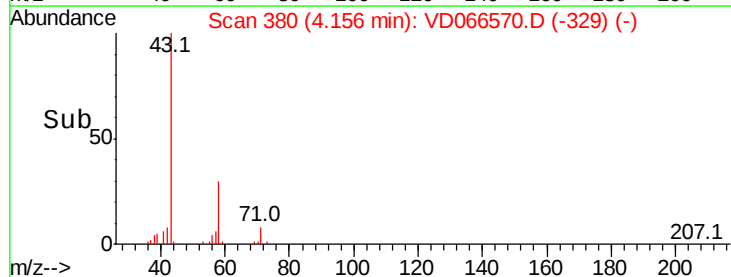
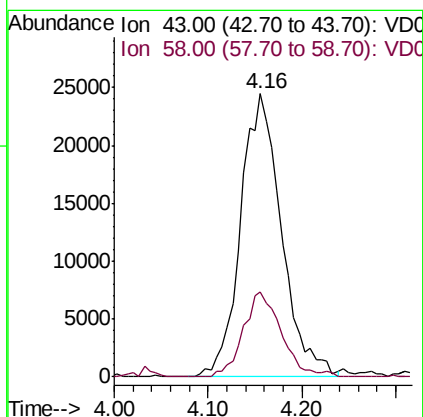
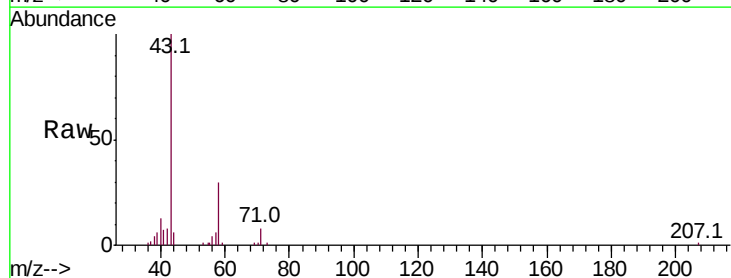
Acq: 04 Sep 2020 18:30

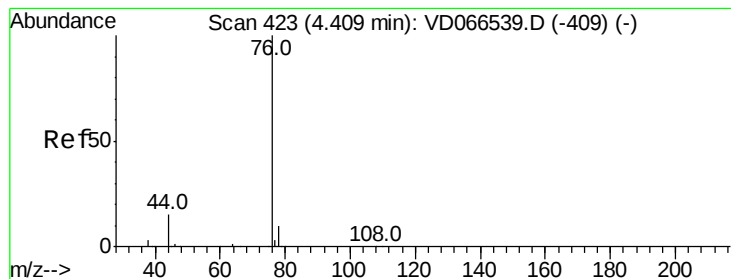
Tgt Ion: 43 Resp: 73738

Ion Ratio Lower Upper

43 100

58 30.2 22.9 34.3





#17

Carbon Disulfide

Concen: 3.034 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

Instrument :

MSVOA_D

ClientSampleId :

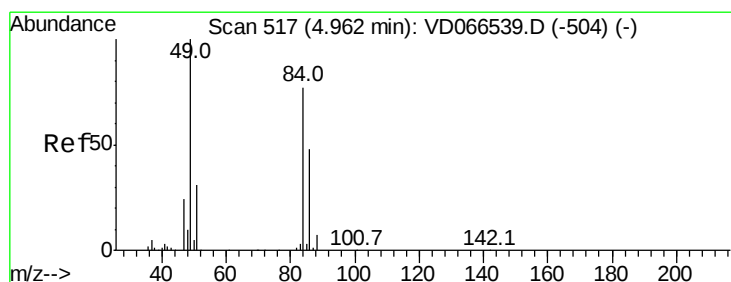
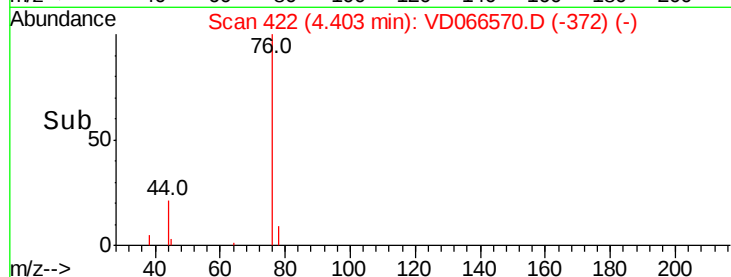
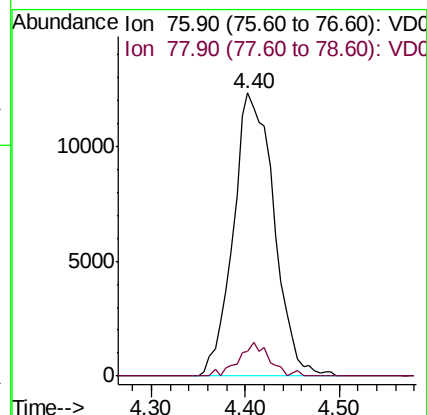
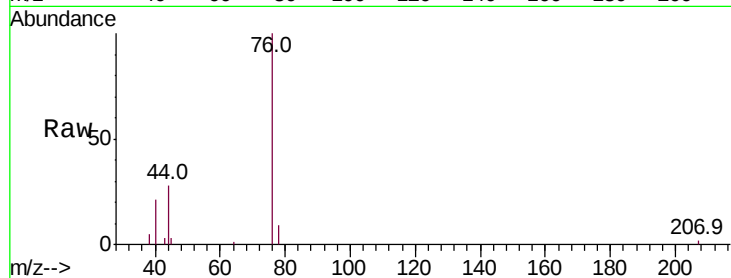
WC-PM-A2-10-14-D

Tot Ion: 76 Resp: 36987

Ion Ratio Lower Upper

76 100

78 8.7 7.6 11.4



#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

Tgt Ion: 84 Resp: 24621

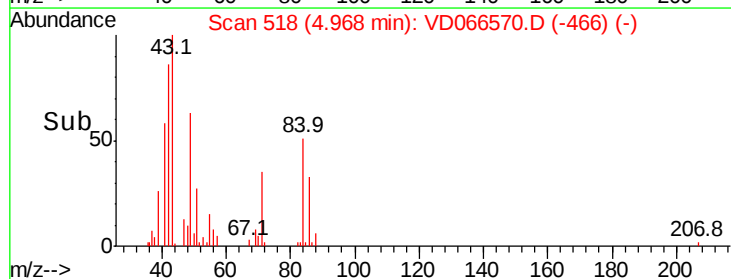
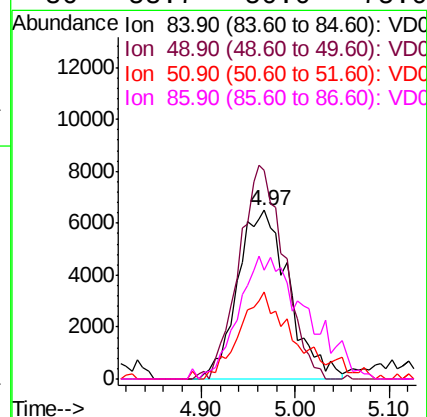
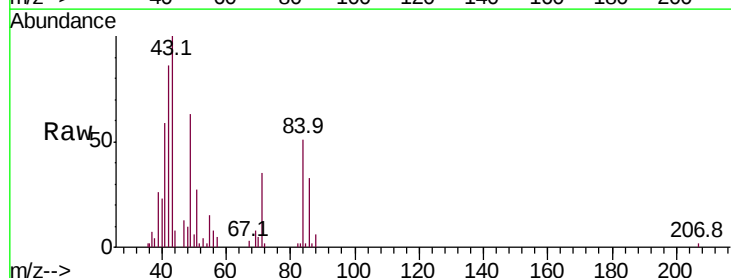
Ion Ratio Lower Upper

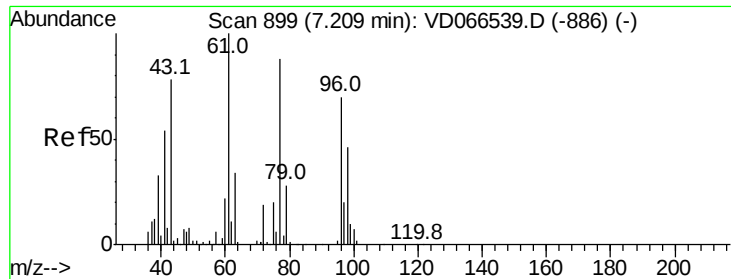
84 100

49 123.8 104.3 156.5

51 47.6 32.2 48.4

86 58.7 50.0 75.0





#25

2-Butanone

Concen: 32.039 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

Instrument :

MSVOA_D

ClientSampleId :

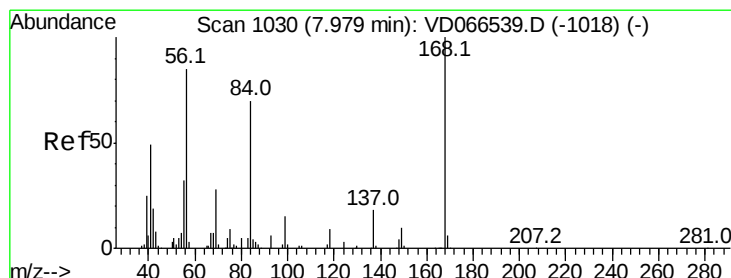
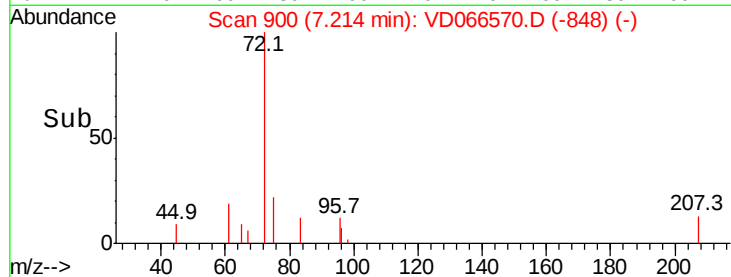
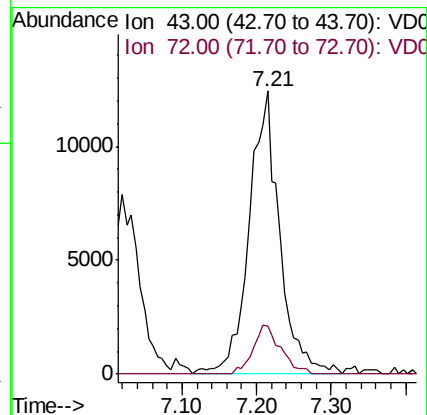
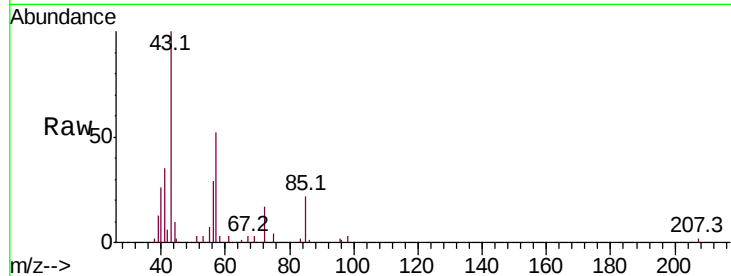
WC-PM-A2-10-14-D

Tot Ion: 43 Resp: 35243

Ion Ratio Lower Upper

43 100

72 16.8 19.8 29.6#



#31

Cyclohexane

Concen: 67.374 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

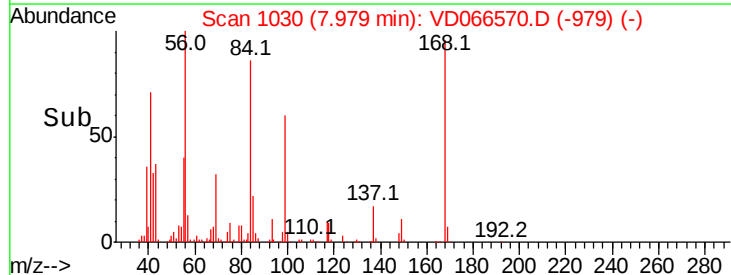
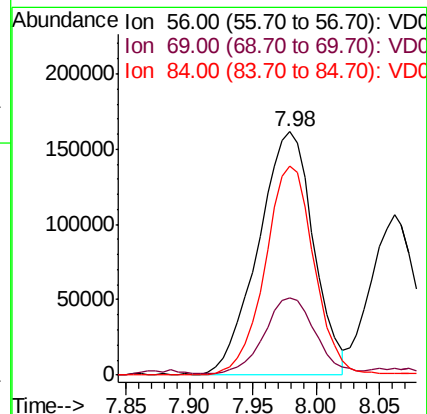
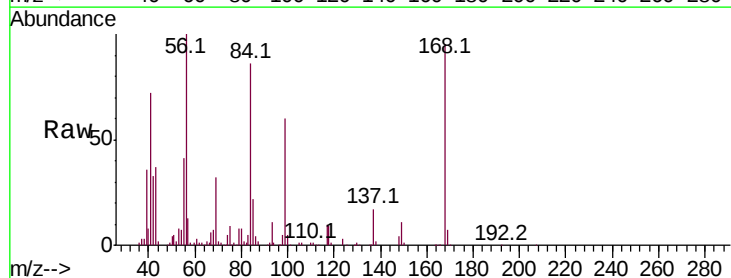
Tgt Ion: 56 Resp: 489505

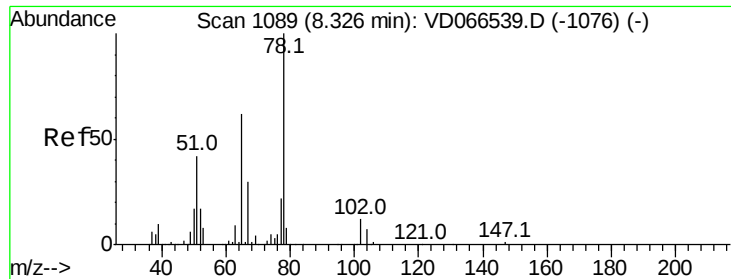
Ion Ratio Lower Upper

56 100

69 31.1 26.3 39.5

84 85.8 66.1 99.1





#33

1,2-Dichloroethane-d4

Concen: 51.202 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

Instrument :

MSVOA_D

ClientSampleId :

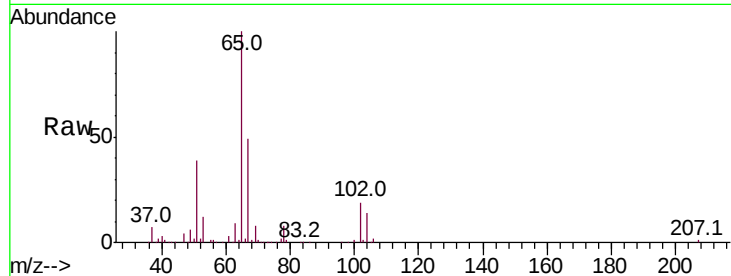
WC-PM-A2-10-14-D

Tot Ion: 65 Resp: 228029

Ion Ratio Lower Upper

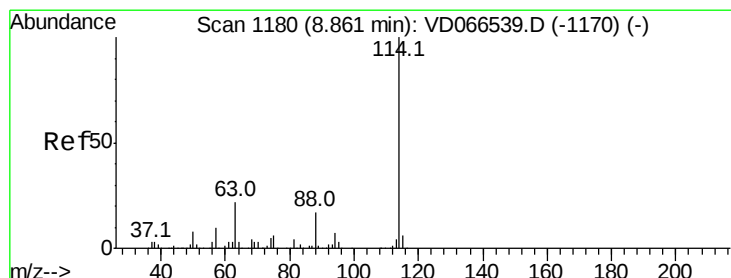
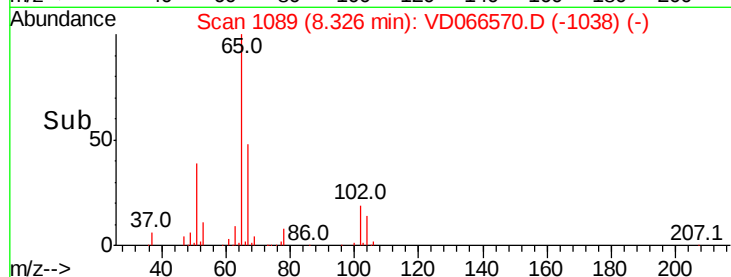
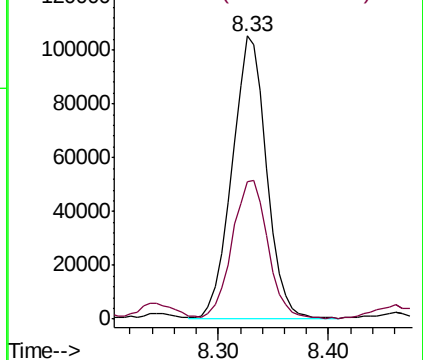
65 100

67 51.6 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

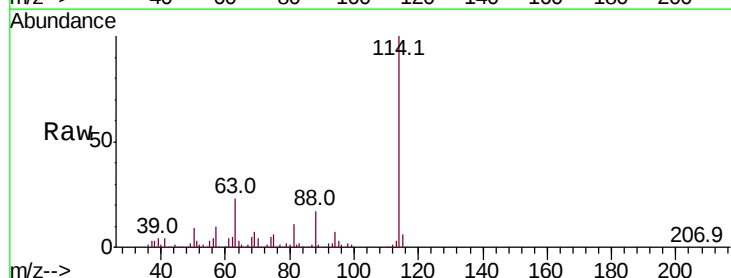
Tgt Ion: 114 Resp: 654358

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.2

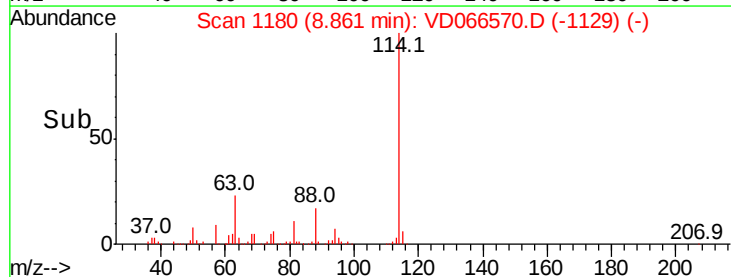
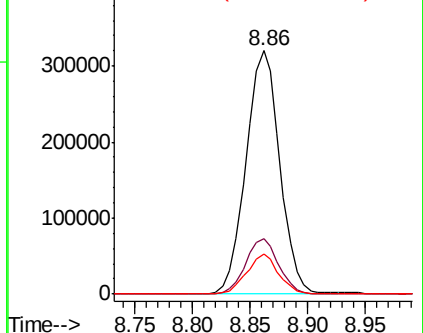
88 16.5 0.0 33.2

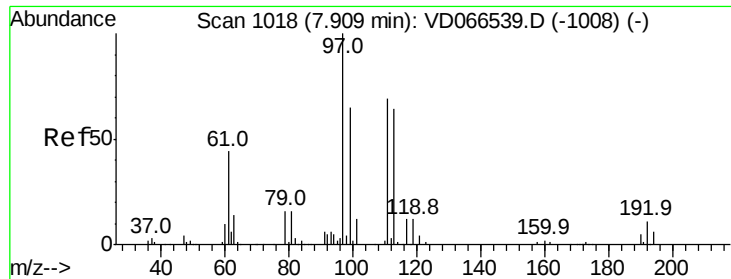


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

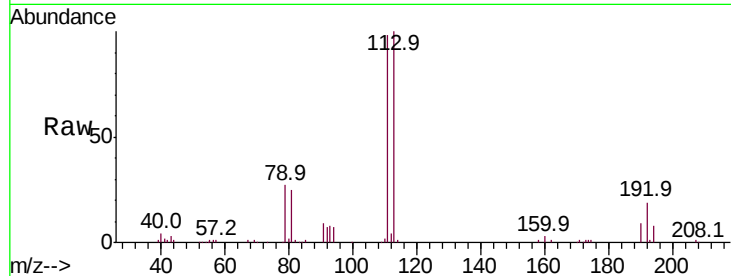




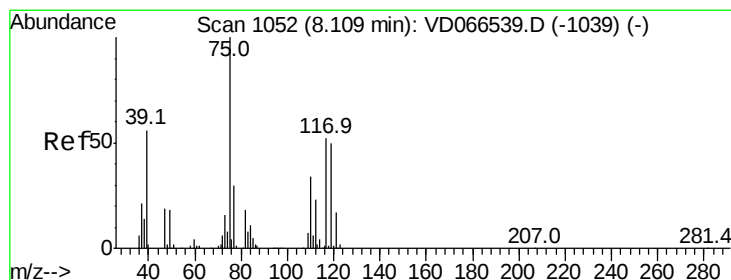
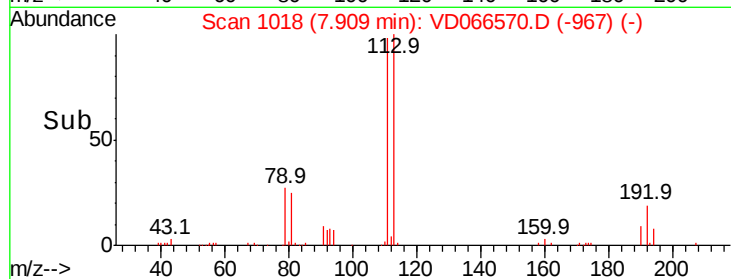
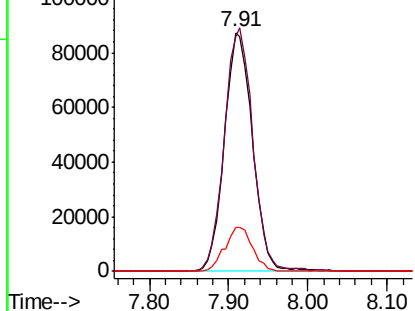
#35
 Dibromofluoromethane
 Concen: 48.638 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066570.D
 Acq: 04 Sep 2020 18:30

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-PM-A2-10-14-D

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.2	124.8
192	18.3	13.7	20.5

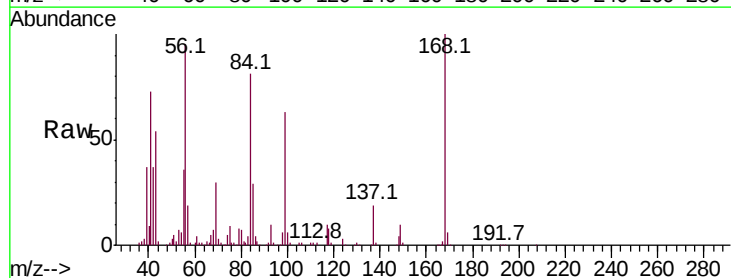


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

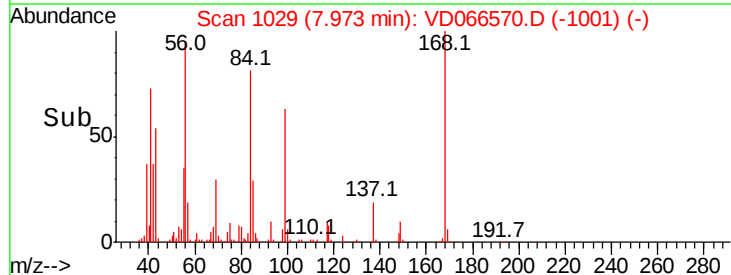
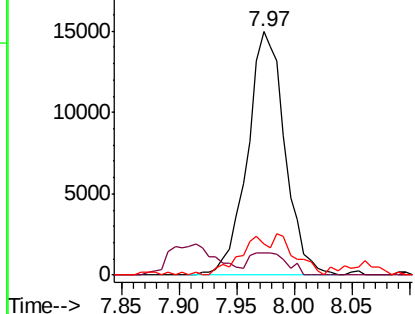


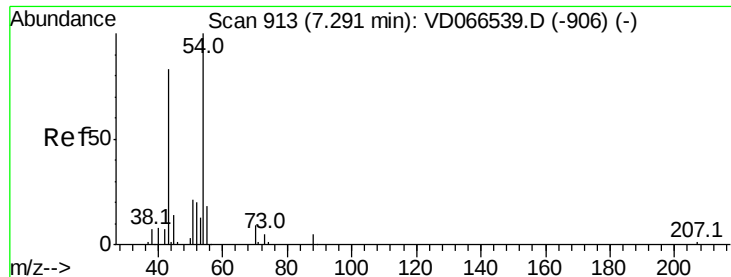
#36
 1,1-Dichloropropene
 Concen: 4.972 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066570.D
 Acq: 04 Sep 2020 18:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.3	52.0#
77	12.5	25.1	37.7#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 12.997 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.08 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

Instrument :

MSVOA_D

ClientSampleId :

WC-PM-A2-10-14-D

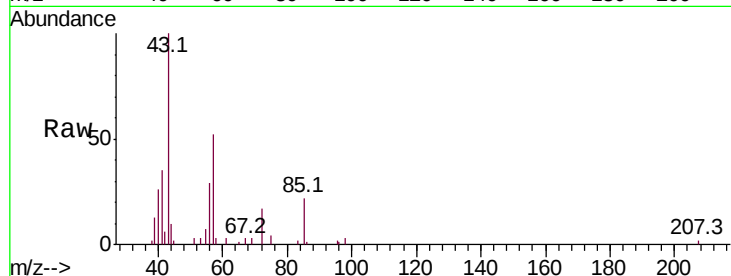
Tot Ion: 43 Resp: 35243

Ion Ratio Lower Upper

43 100

61 3.1 11.8 17.8#

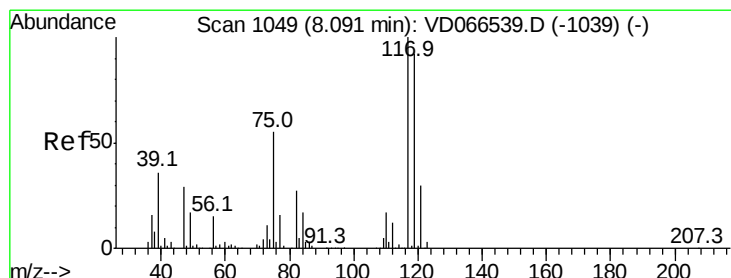
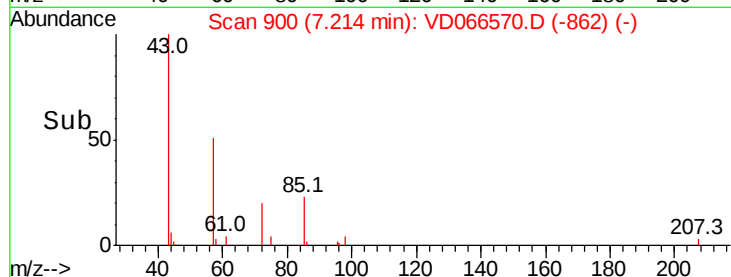
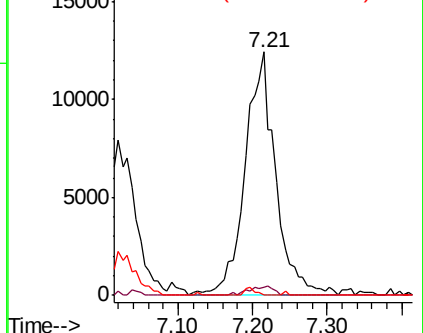
70 0.0 7.9 11.9#



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: 5.628 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.11 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

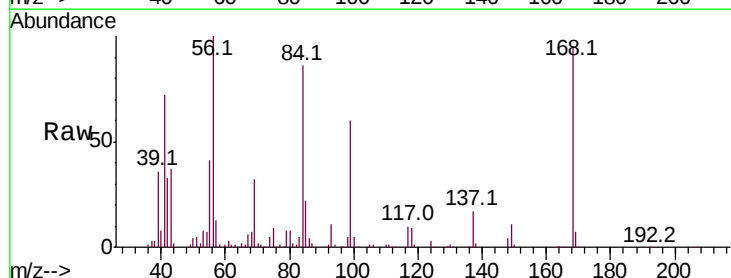
Tgt Ion: 117 Resp: 40509

Ion Ratio Lower Upper

117 100

119 6.8 73.9 110.9#

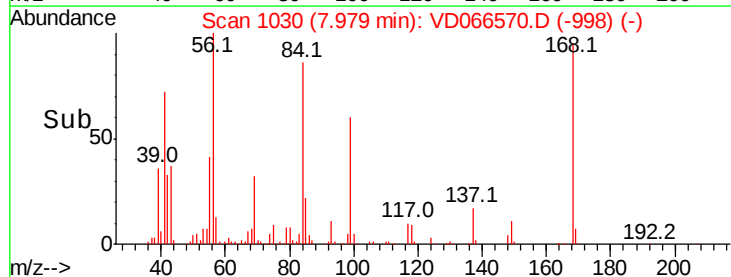
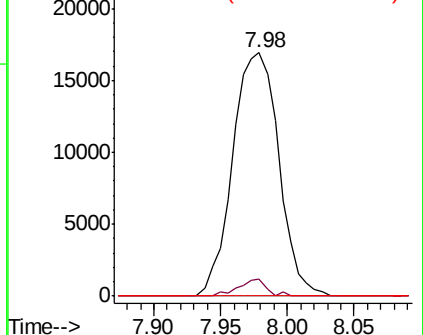
121 0.0 24.1 36.1#

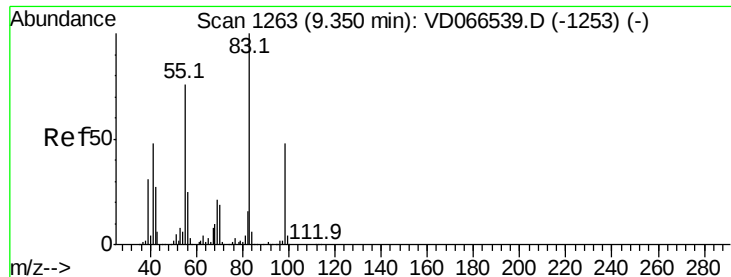


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

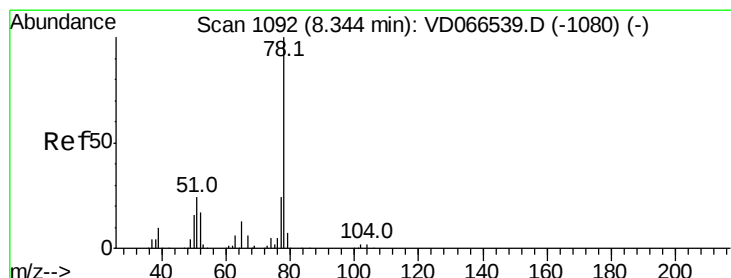
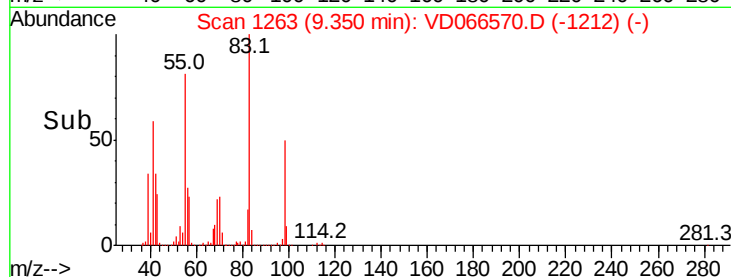
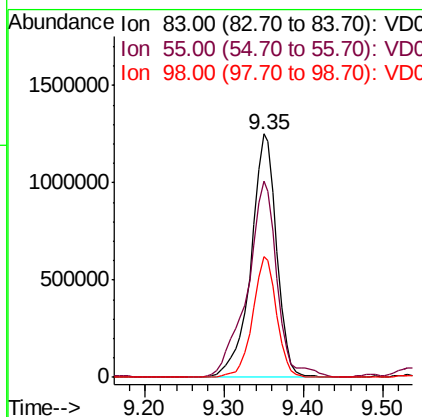
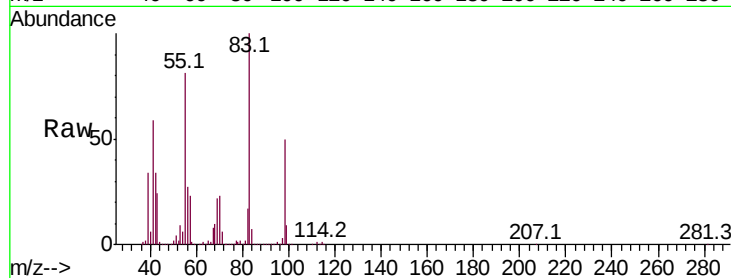




#39
Methvlcvclohexane
Concen: 372.669 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066570.D
Acq: 04 Sep 2020 18:30

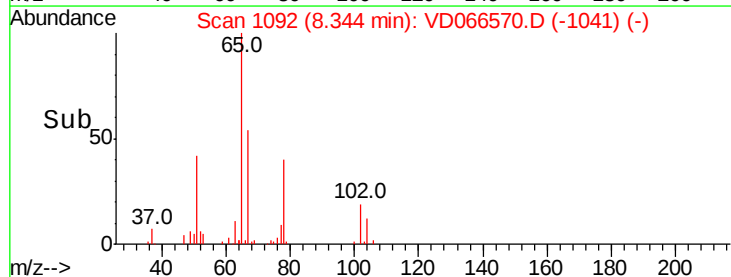
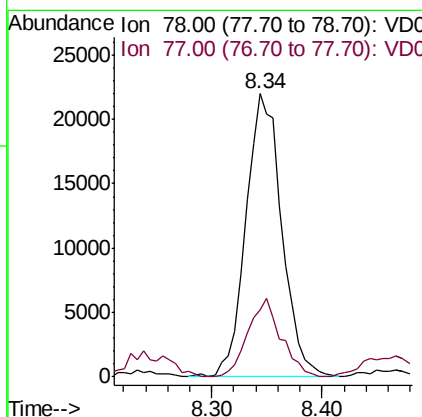
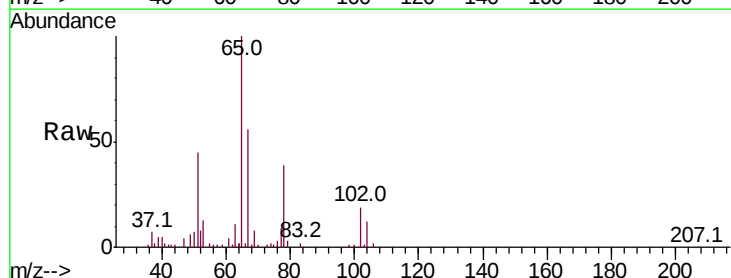
Instrument :
MSVOA_D
ClientSampleId :
WC-PM-A2-10-14-D

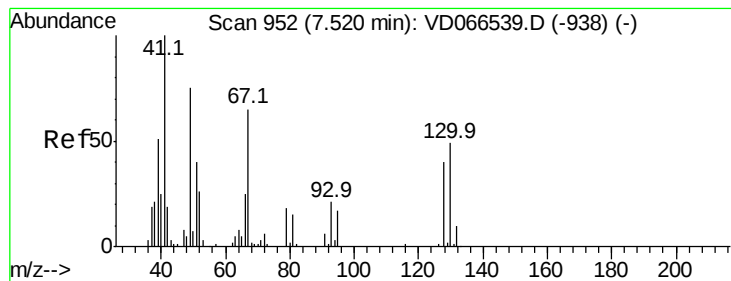
Tot Ion: 83 Resp: 2833875
Ion Ratio Lower Upper
83 100
55 80.7 60.8 91.2
98 49.8 38.6 58.0



#40
Benzene
Concen: 2.689 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066570.D
Acq: 04 Sep 2020 18:30

Tgt Ion: 78 Resp: 50151
Ion Ratio Lower Upper
78 100
77 22.6 19.1 28.7





#41

Methacrylonitrile

Concen: 1.990 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.04 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

Instrument :

MSVOA_D

ClientSampleId :

WC-PM-A2-10-14-D

Tot Ion: 41 Resp: 2612

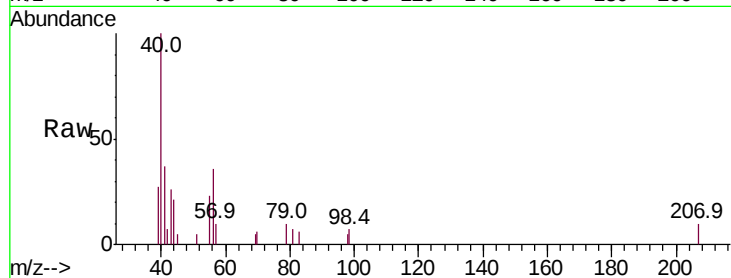
Ion Ratio Lower Upper

41 100

39 62.7 53.6 80.4

67 0.0 59.2 88.8#

52 0.0 26.8 40.2#

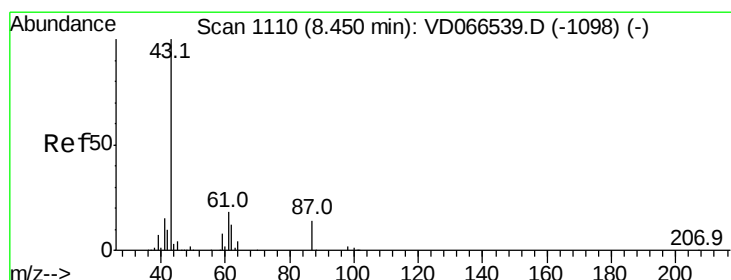
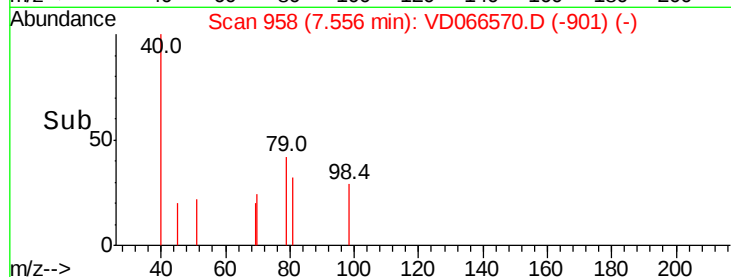
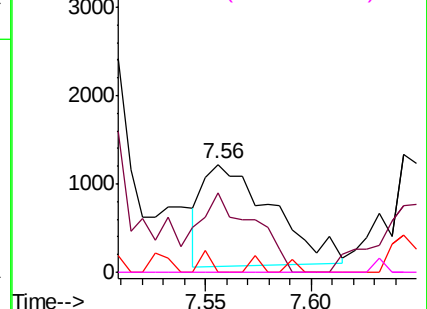


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 25.918 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

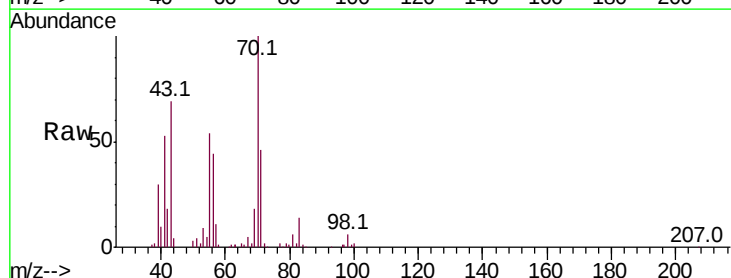
Tgt Ion: 43 Resp: 134686

Ion Ratio Lower Upper

43 100

61 0.3 23.8 35.8#

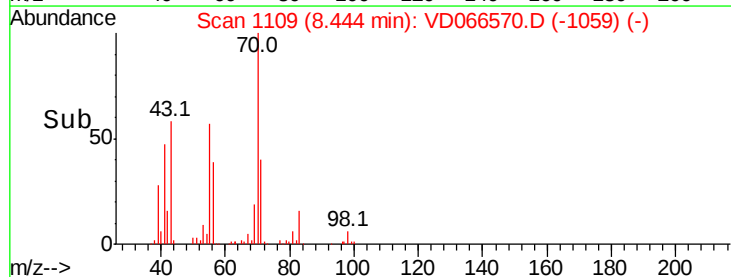
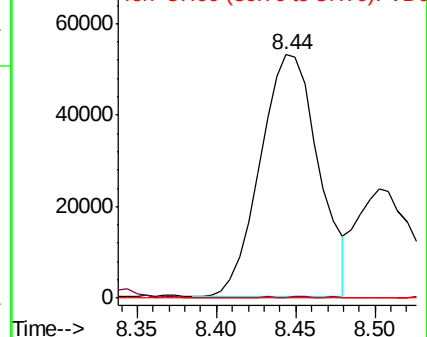
87 0.0 10.7 16.1#

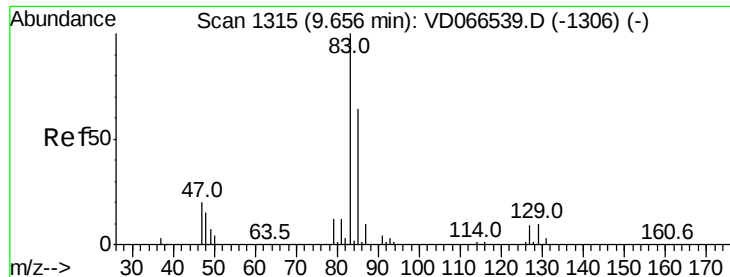


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC





#47

Bromodichloromethane

Concen: 13.662 ug/l

RT: 9.63 min Scan# 1311

Delta R.T. -0.02 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

Instrument :

MSVOA_D

ClientSampleId :

WC-PM-A2-10-14-D

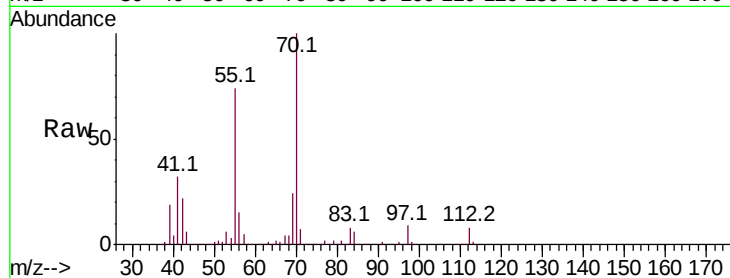
Tot Ion: 83 Resp: 95648

Ion Ratio Lower Upper

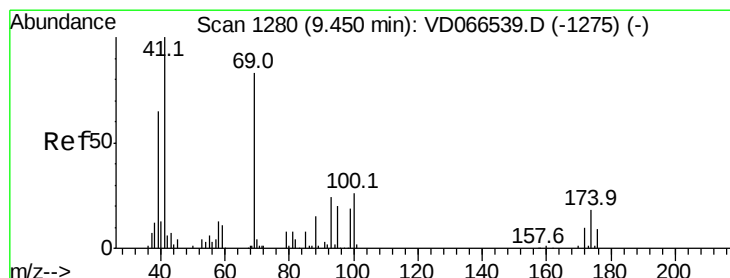
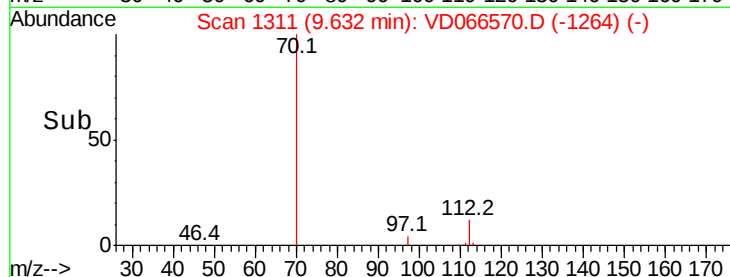
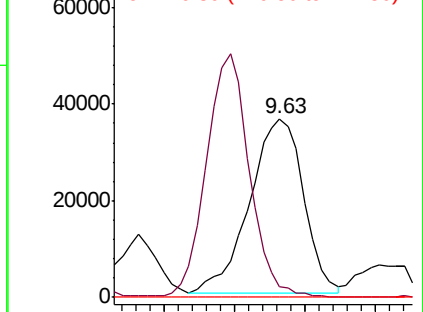
83 100

85 6.3 51.1 76.7#

127 0.0 6.9 10.3#



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 23.753 ug/l

RT: 9.48 min Scan# 1286

Delta R.T. 0.04 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

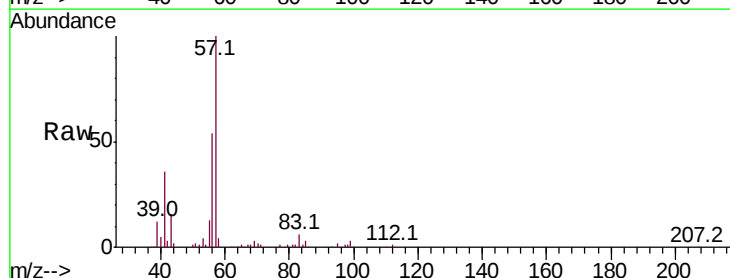
Tgt Ion: 41 Resp: 62415

Ion Ratio Lower Upper

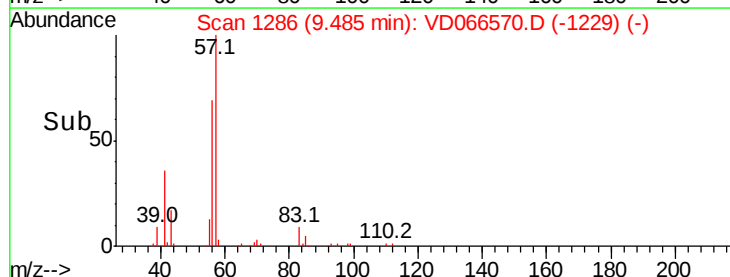
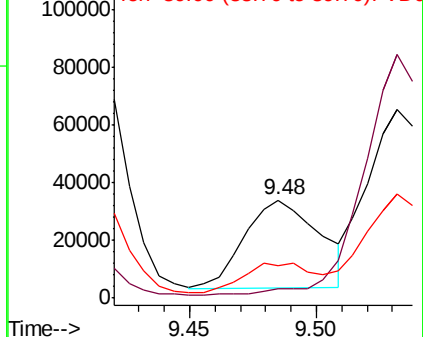
41 100

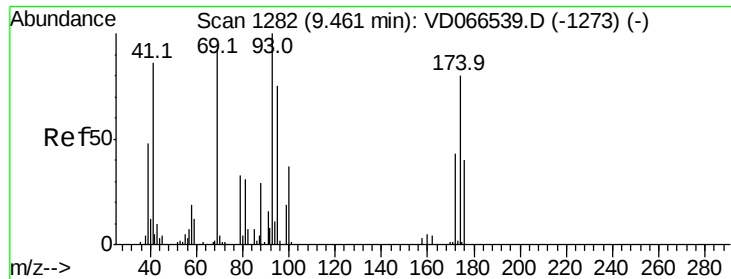
69 0.0 64.5 96.7#

39 0.0 46.6 69.8#



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





#49

1,4-Dioxane

Concen: 2.924 ug/l

RT: 9.34 min Scan# 1261

Delta R.T. -0.12 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

Instrument :

MSVOA_D

ClientSampleId :

WC-PM-A2-10-14-D

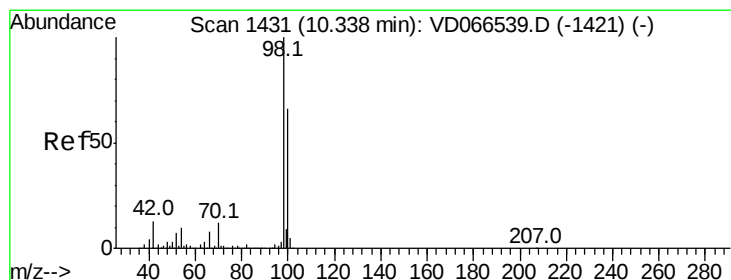
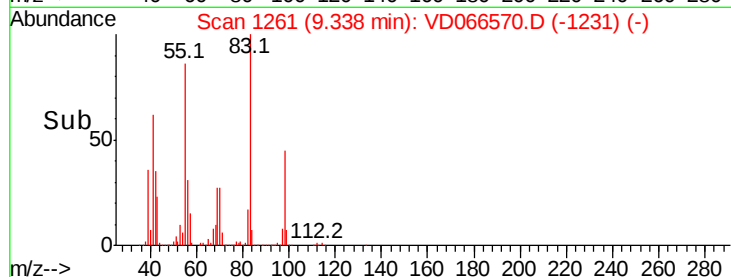
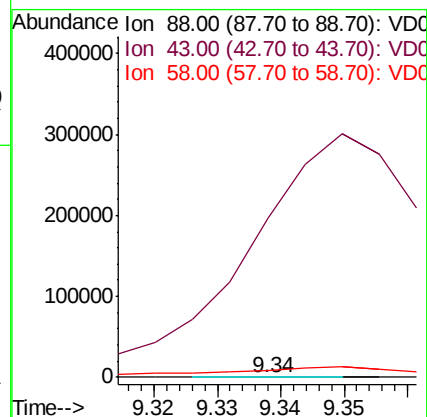
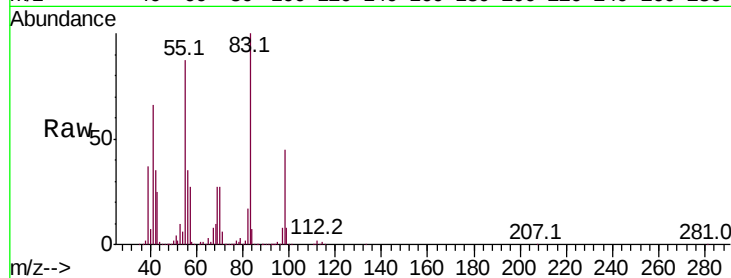
Tot Ion: 88 Resp: 83

Ion Ratio Lower Upper

88 100

43 783148.2 28.3 42.5#

58 38896.4 56.1 84.1#



#50

Toluene-d8

Concen: 63.509 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066570.D

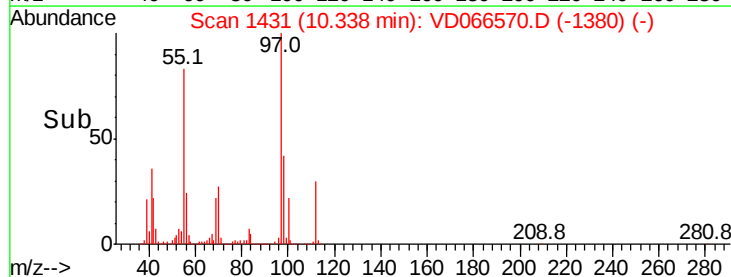
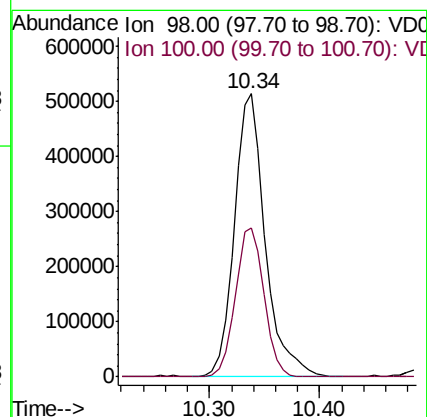
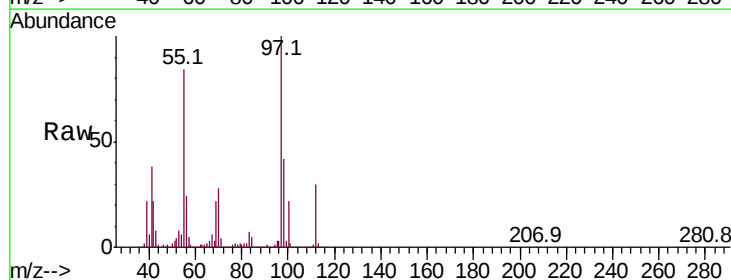
Acq: 04 Sep 2020 18:30

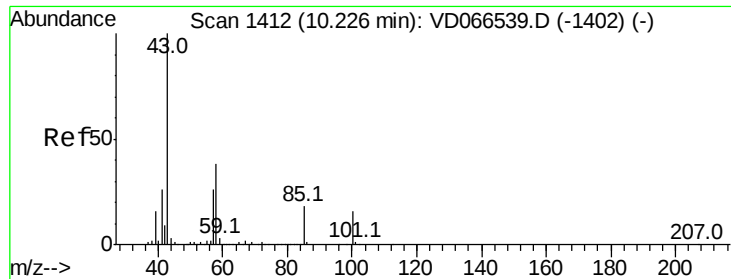
Tgt Ion: 98 Resp: 1002022

Ion Ratio Lower Upper

98 100

100 49.4 52.9 79.3#





#51

4-Methyl-2-Pentanone

Concen: 27.722 ug/l

RT: 10.26 min Scan# 1418

Delta R.T. 0.04 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

Instrument :

MSVOA_D

ClientSampleId :

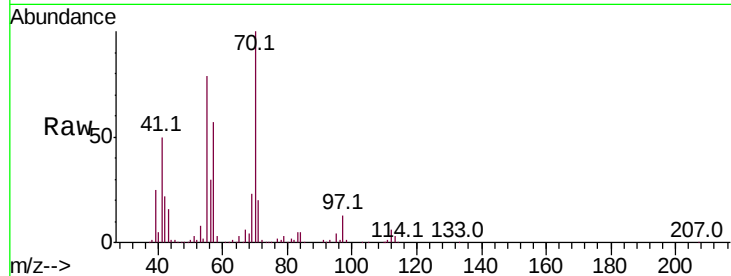
WC-PM-A2-10-14-D

Tot Ion: 43 Resp: 72655

Ion Ratio Lower Upper

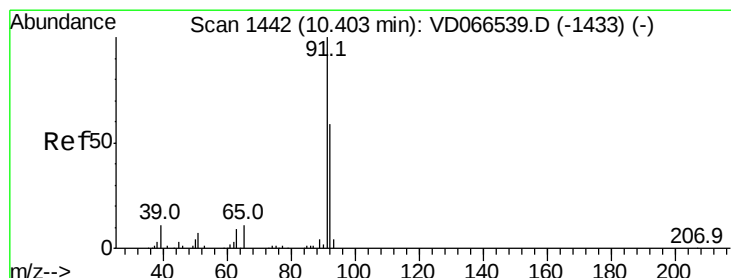
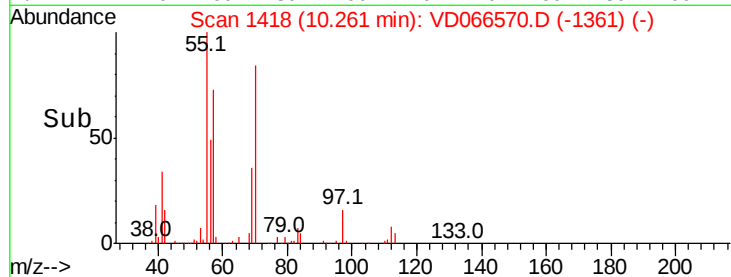
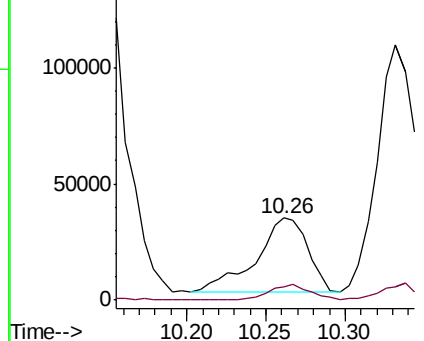
43 100

58 15.6 30.5 45.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 4.807 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066570.D

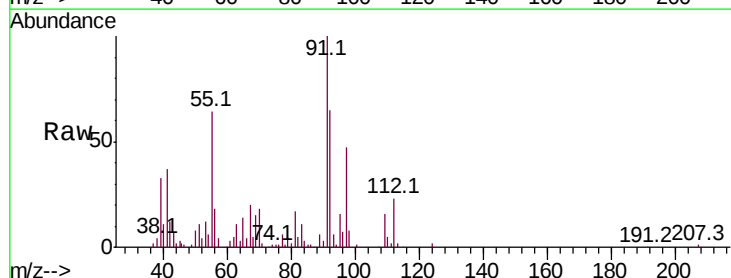
Acq: 04 Sep 2020 18:30

Tgt Ion: 92 Resp: 56755

Ion Ratio Lower Upper

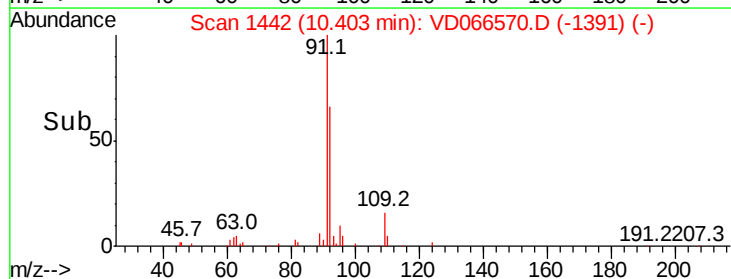
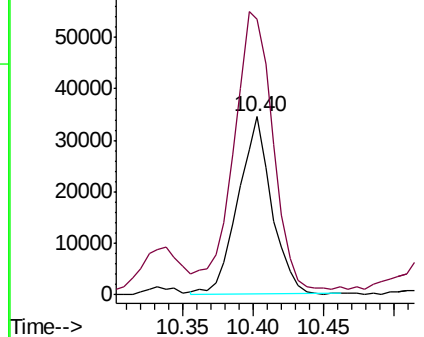
92 100

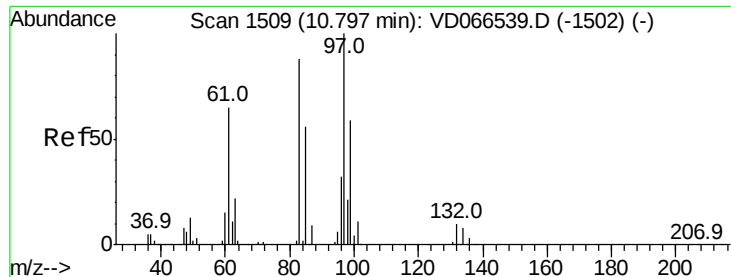
91 183.3 137.4 206.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#55

1,1,2-Trichloroethane

Concen: 423.559 ug/l

RT: 10.77 min Scan# 1505

Delta R.T. -0.02 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

Instrument :

MSVOA_D

ClientSampleId :

WC-PM-A2-10-14-D

Tot Ion: 97 Resp: 1409240

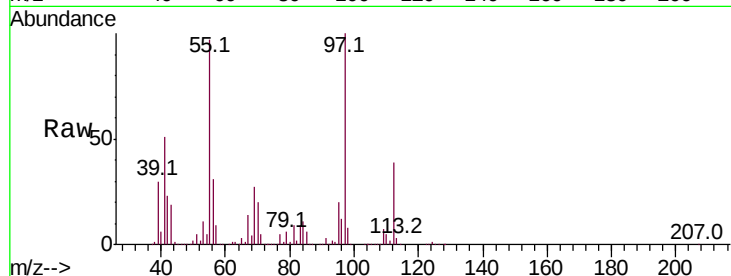
Ion Ratio Lower Upper

97 100

83 8.8 70.1 105.1#

85 6.0 44.5 66.7#

99 0.3 47.1 70.7#

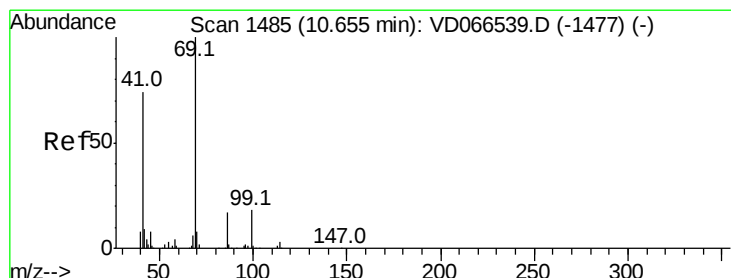
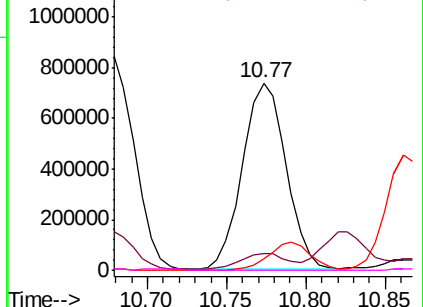
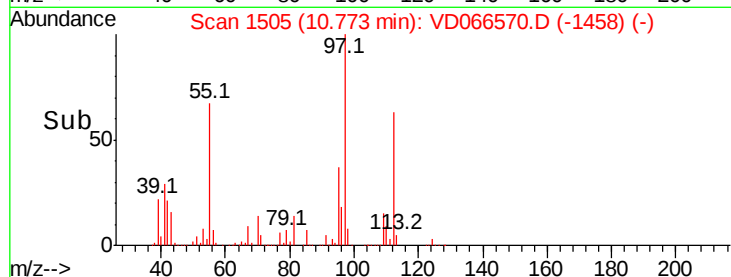


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 83.607 ug/l

RT: 10.64 min Scan# 1482

Delta R.T. -0.02 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

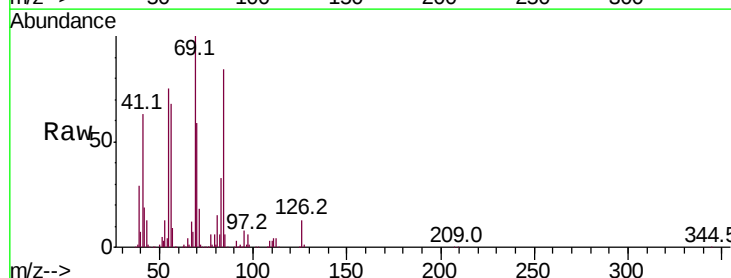
Tgt Ion: 69 Resp: 323887

Ion Ratio Lower Upper

69 100

41 81.9 56.8 85.2

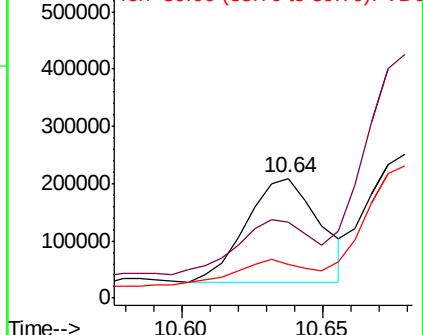
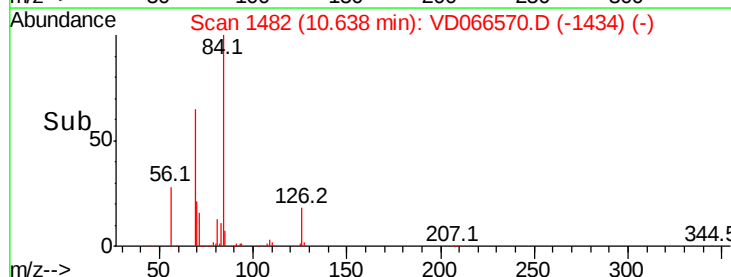
39 34.7 30.6 46.0

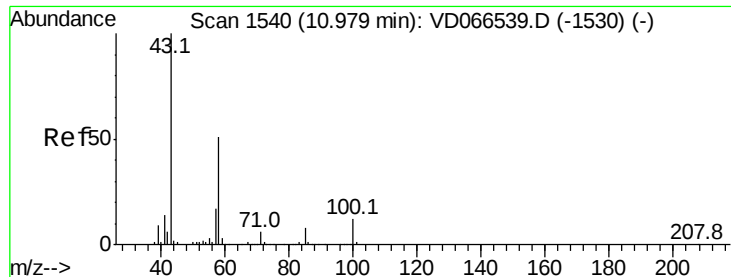


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

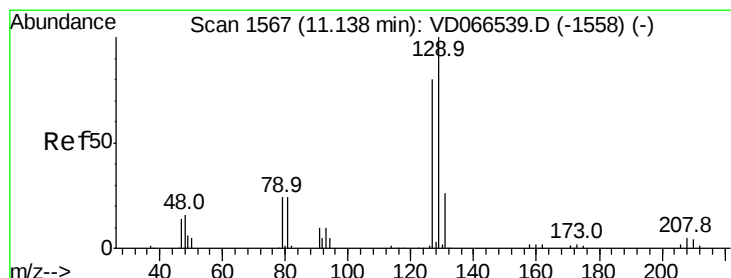
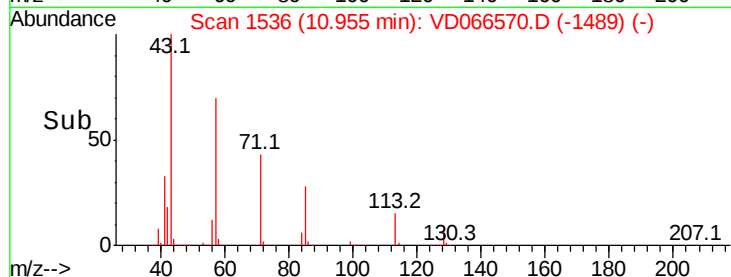
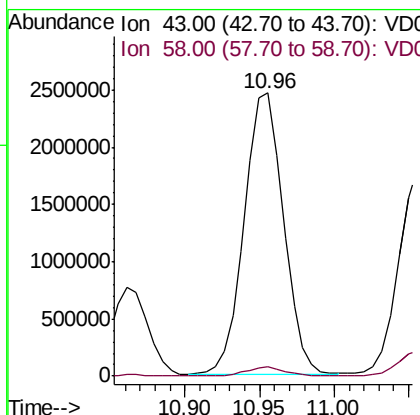
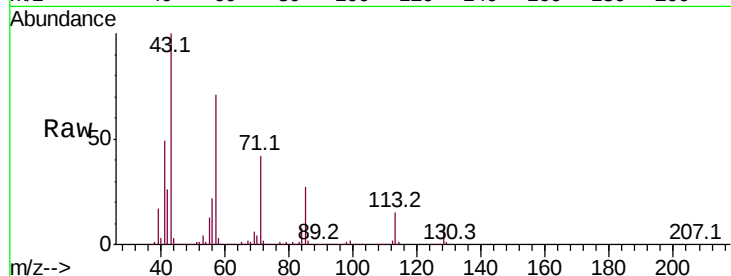




#59
2-Hexanone
Concen: 2536.220 ug/l
RT: 10.96 min Scan# 1536
Delta R.T. -0.02 min
Lab File: VD066570.D
Acq: 04 Sep 2020 18:30

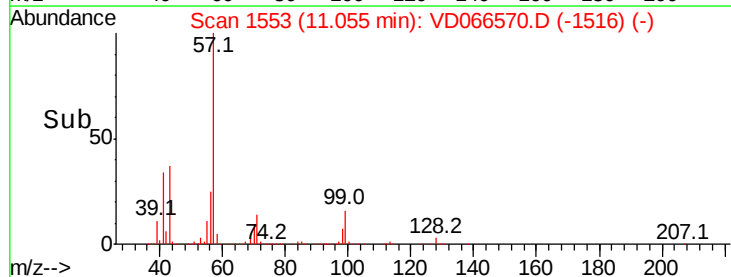
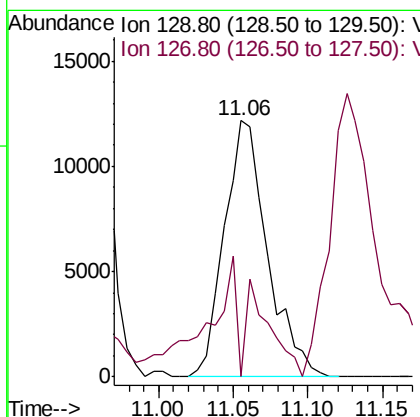
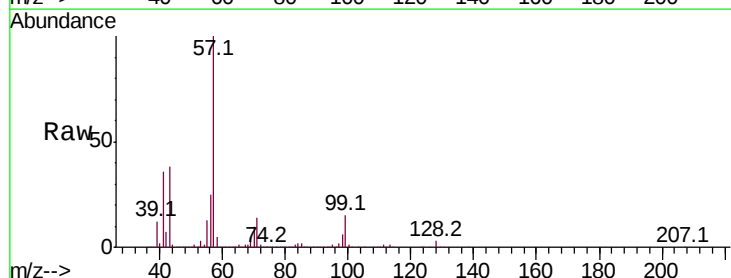
Instrument :
MSVOA_D
ClientSampleId :
WC-PM-A2-10-14-D

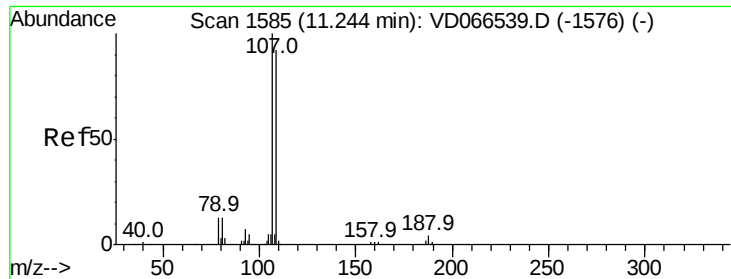
Tot Ion: 43 Resp: 4469926
Ion Ratio Lower Upper
43 100
58 3.2 25.6 76.8#



#60
Dibromochloromethane
Concen: 5.584 ug/l
RT: 11.06 min Scan# 1553
Delta R.T. -0.08 min
Lab File: VD066570.D
Acq: 04 Sep 2020 18:30

Tgt Ion: 129 Resp: 24566
Ion Ratio Lower Upper
129 100
127 20.4 39.5 118.3#

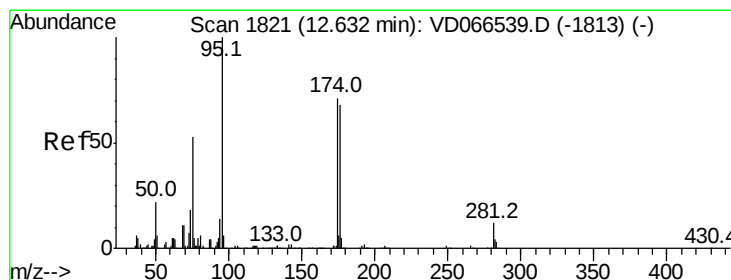
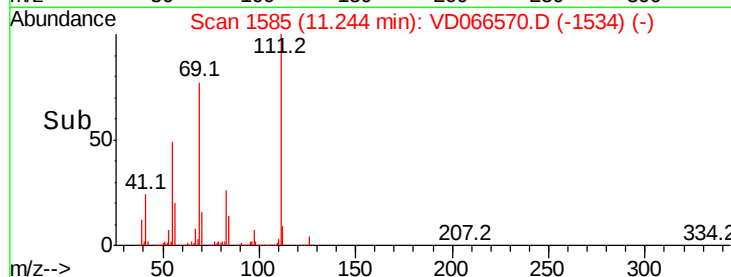
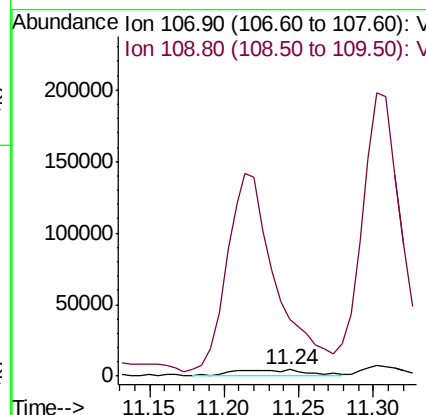
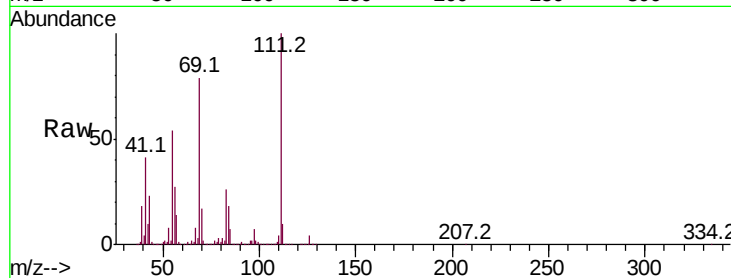




#61
 1,2-Dibromoethane
 Concen: 4.223 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066570.D
 Acq: 04 Sep 2020 18:30

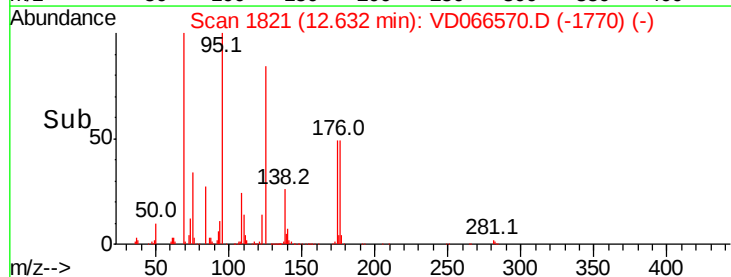
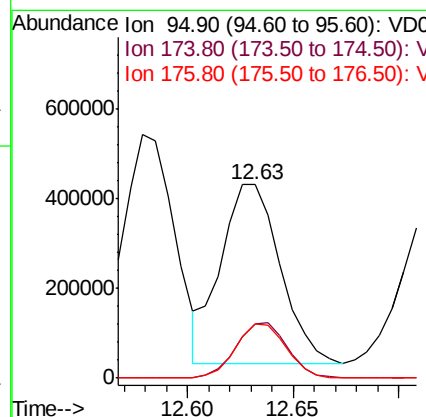
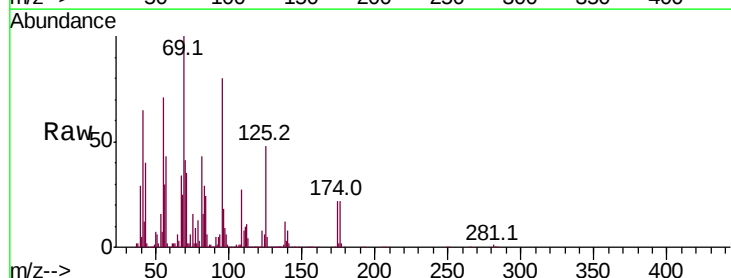
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-PM-A2-10-14-D

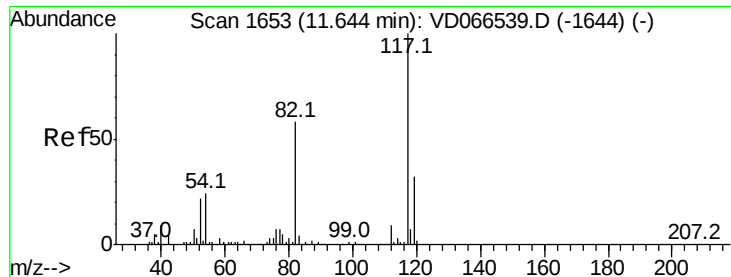
Tot Ion:107 Resp: 13669
 Ion Ratio Lower Upper
 107 100
 109 0.0 74.4 111.6#



#62
 4-Bromofluorobenzene
 Concen: 148.867 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066570.D
 Acq: 04 Sep 2020 18:30

Tgt Ion: 95 Resp: 778825
 Ion Ratio Lower Upper
 95 100
 174 26.9 0.0 155.8
 176 26.0 0.0 148.6

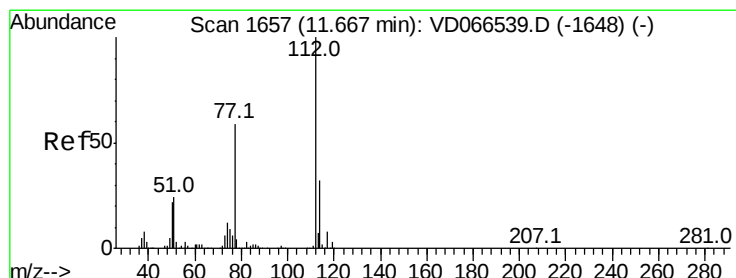
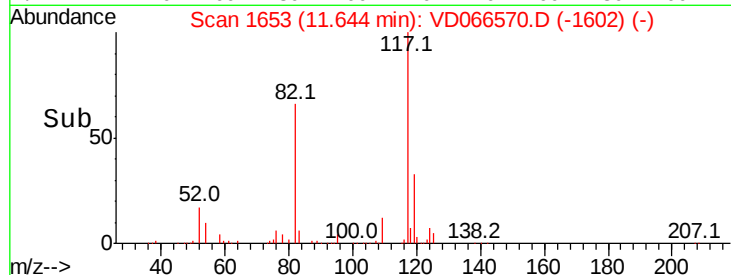
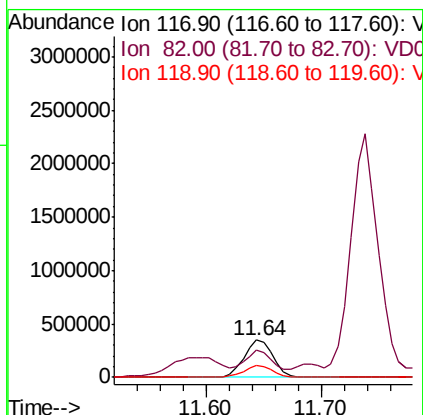
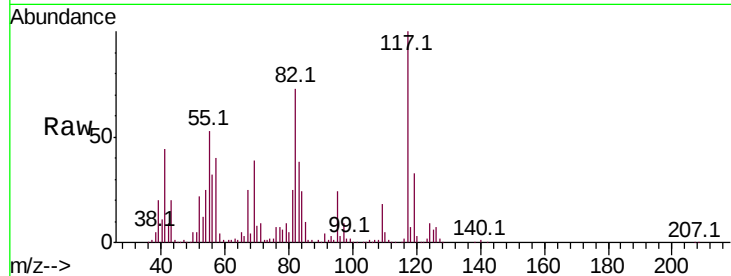




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066570.D
Acq: 04 Sep 2020 18:30

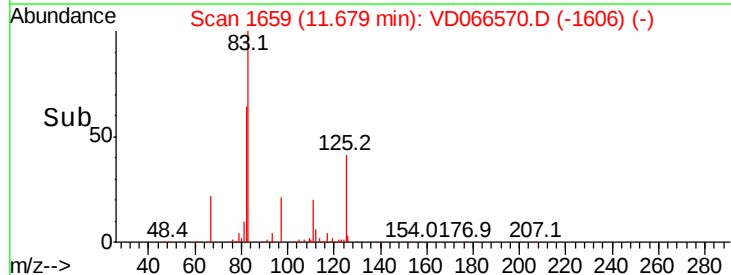
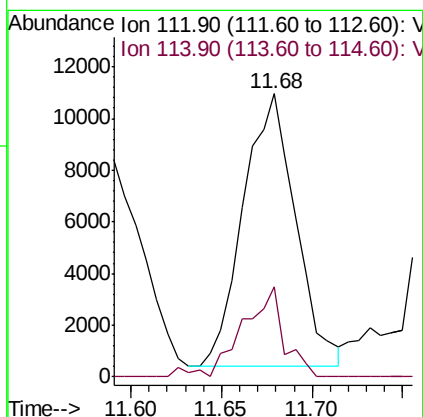
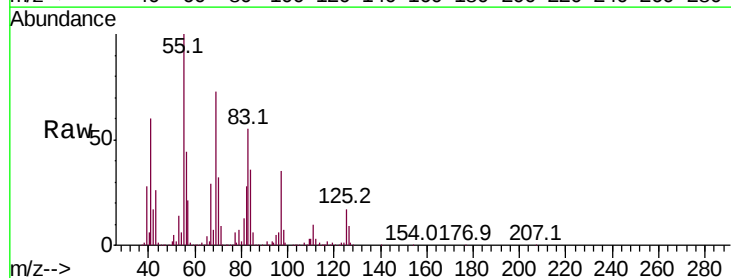
Instrument :
MSVOA_D
ClientSampleId :
WC-PM-A2-10-14-D

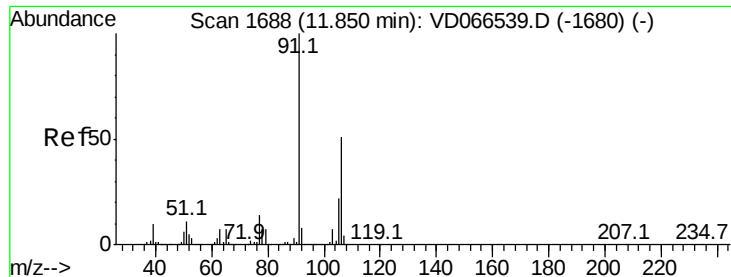
Tot Ion:117 Resp: 609939
Ion Ratio Lower Upper
117 100
82 19.4 46.2 69.2#
119 32.5 25.8 38.8



#65
Chlorobenzene
Concen: 1.693 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD066570.D
Acq: 04 Sep 2020 18:30

Tgt Ion:112 Resp: 21308
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5





#68

m/p-Xylenes

Concen: 2288.220 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.11 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

Instrument :

MSVOA_D

ClientSampleId :

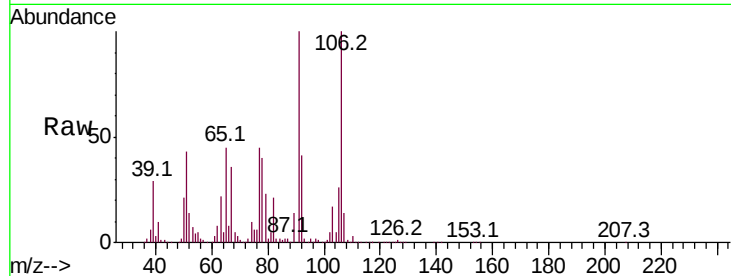
WC-PM-A2-10-14-D

Tot Ion:106 Resp:19639268

Ion Ratio Lower Upper

106 100

91 0.0 162.4 243.6#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

11.74

8000000

6000000

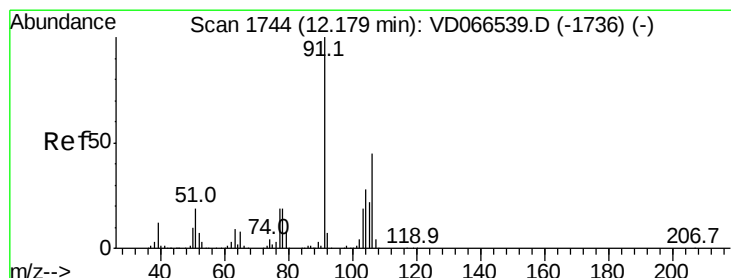
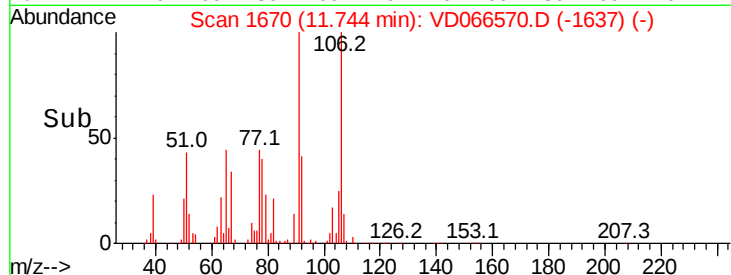
4000000

2000000

0

11.70 11.80

Time-->



#69

o-Xylene

Concen: 2468.337 ug/l

RT: 12.18 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VD066570.D

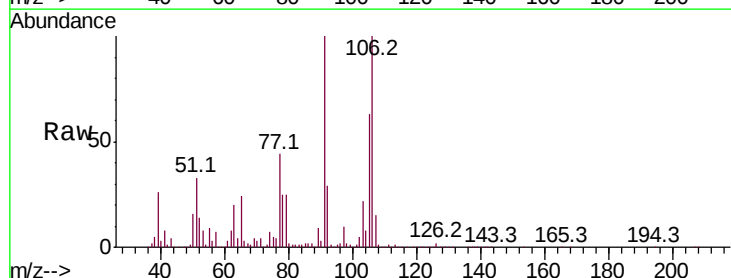
Acq: 04 Sep 2020 18:30

Tgt Ion:106 Resp:18986003

Ion Ratio Lower Upper

106 100

91 0.0 107.9 323.8#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

12.18

8000000

6000000

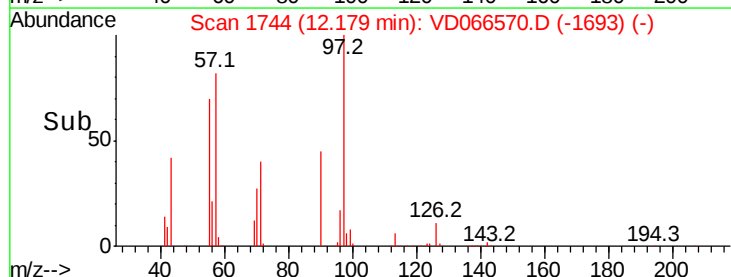
4000000

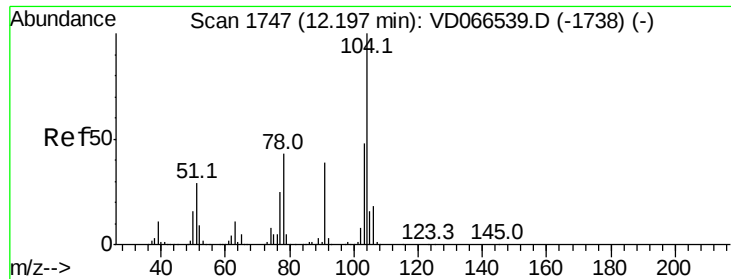
2000000

0

12.10 12.20 12.30

Time-->

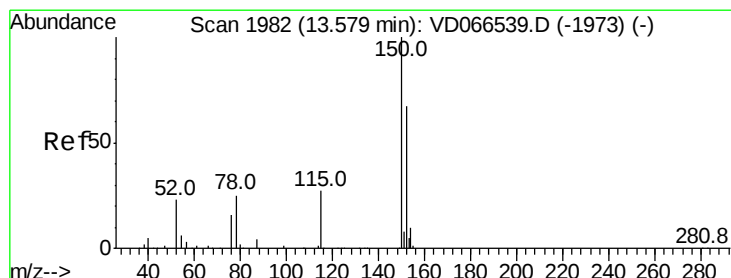
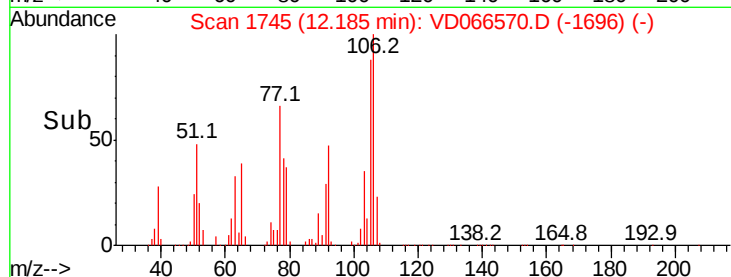
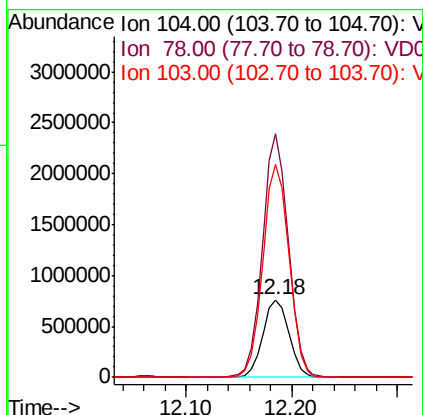
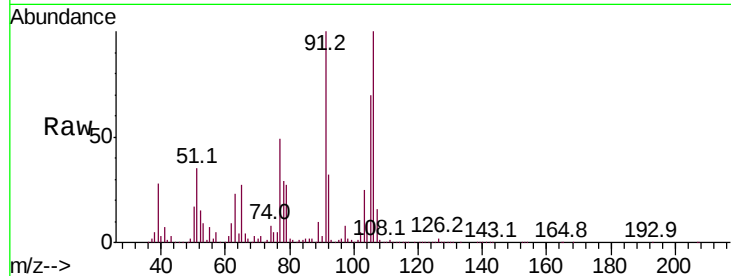




#70
Stvrene
Concen: 97.876 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD066570.D
Acq: 04 Sep 2020 18:30

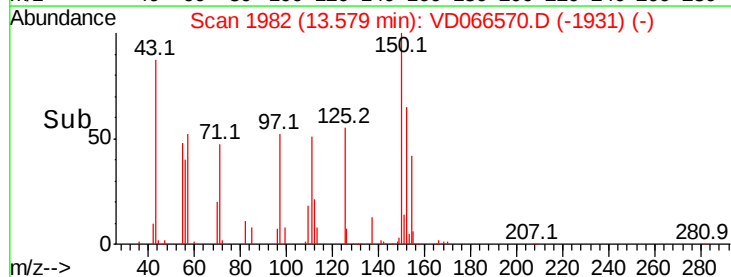
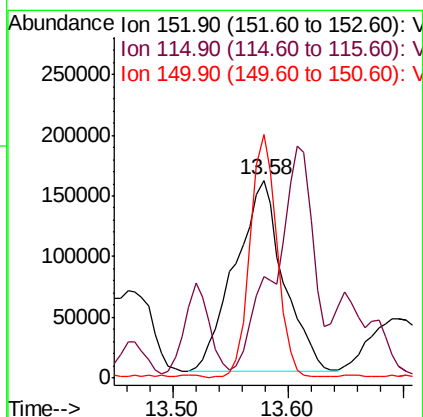
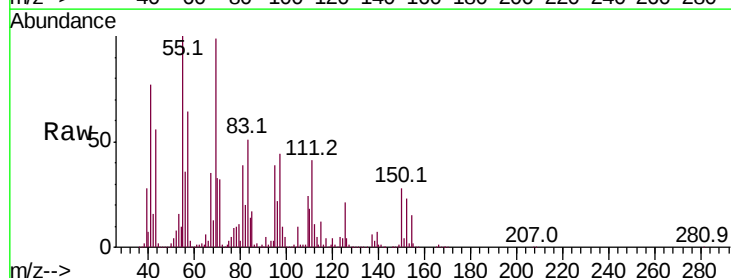
Instrument :
MSVOA_D
ClientSampleId :
WC-PM-A2-10-14-D

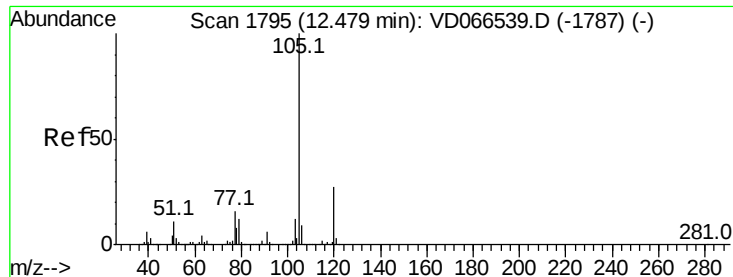
Tot Ion:104 Resp: 1308838
Ion Ratio Lower Upper
104 100
78 310.8 40.7 61.1#
103 274.4 42.9 64.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066570.D
Acq: 04 Sep 2020 18:30

Tgt Ion:152 Resp: 460532
Ion Ratio Lower Upper
152 100
115 0.0 30.4 91.2#
150 70.3 0.0 345.8





#73

Isopropylbenzene

Concen: 405.918 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

Instrument :

MSVOA_D

ClientSampleId :

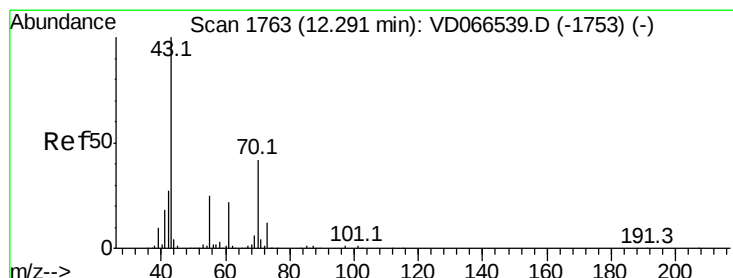
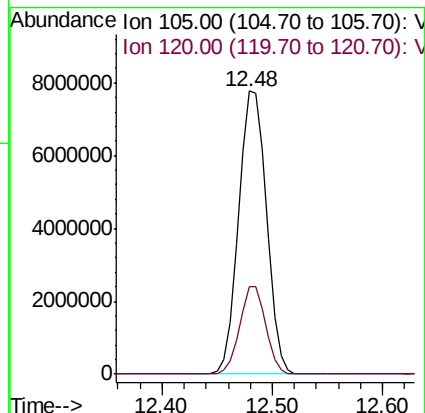
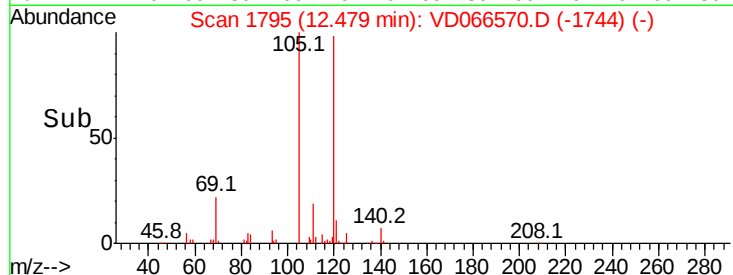
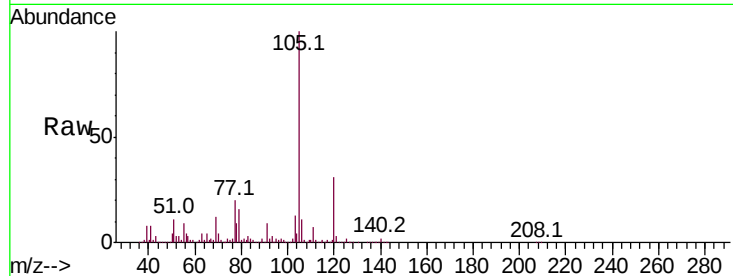
WC-PM-A2-10-14-D

Tot Ion:105 Resp:13840681

Ion Ratio Lower Upper

105 100

120 28.9 13.0 39.0



#74

N-ethyl acetate

Concen: 386.079 ug/l

RT: 12.27 min Scan# 1760

Delta R.T. -0.02 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

Tgt Ion: 43 Resp: 2981539

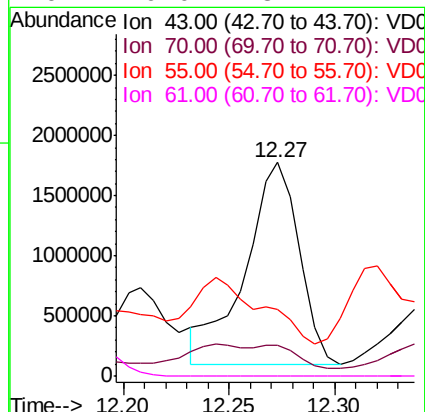
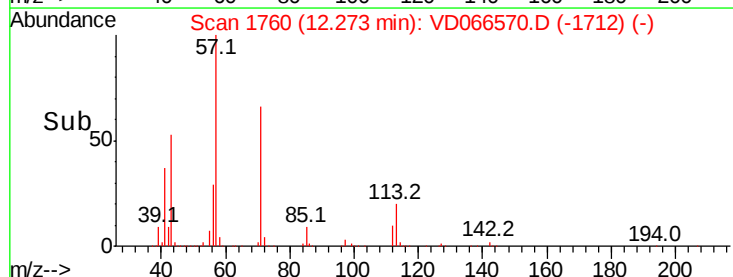
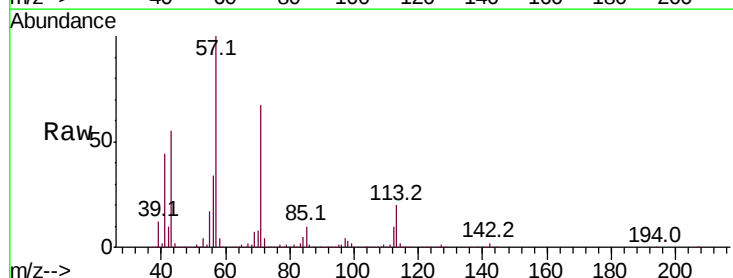
Ion Ratio Lower Upper

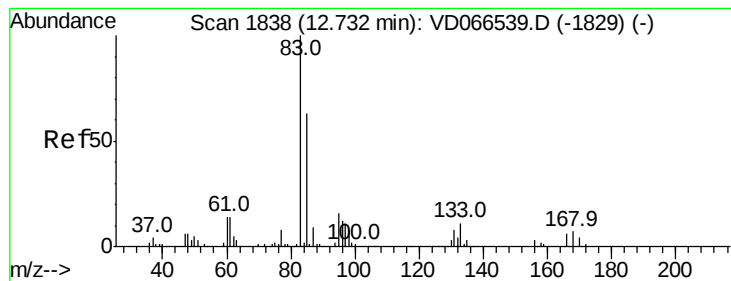
43 100

70 0.0 33.4 50.2#

55 0.0 20.1 30.1#

61 0.0 18.2 27.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 52.577 ug/l

RT: 12.71 min Scan# 1835

Delta R.T. -0.02 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

Instrument :

MSVOA_D

ClientSampleId :

WC-PM-A2-10-14-D

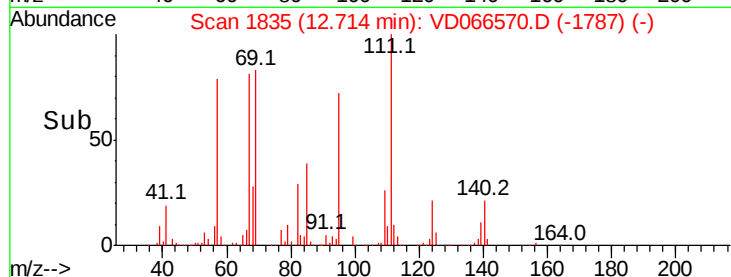
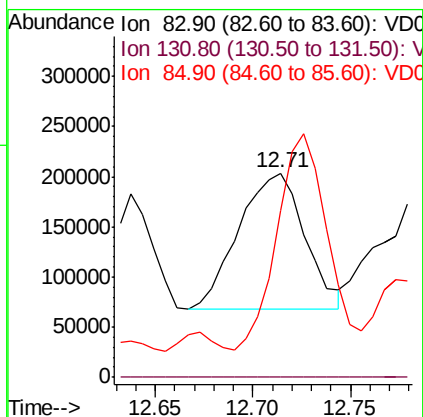
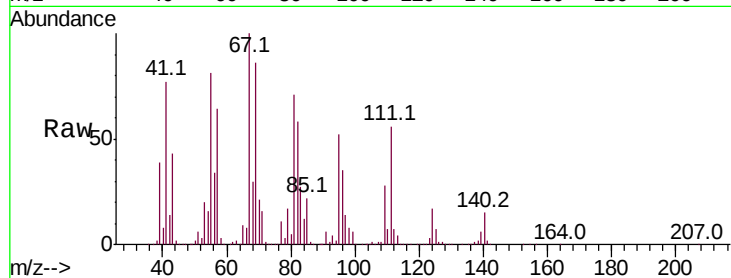
Tot Ion: 83 Resp: 316716

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 120.3 32.1 96.3#



#76

1,2,3-Trichloropropane

Concen: 29.946 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.04 min

Lab File: VD066570.D

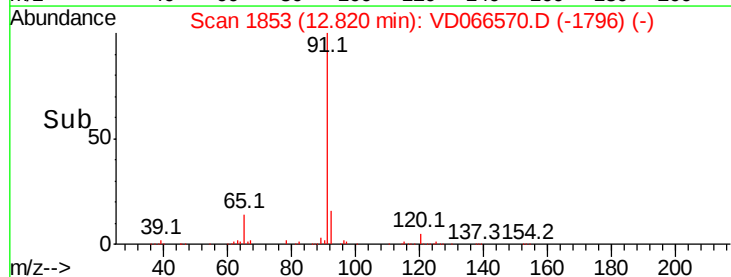
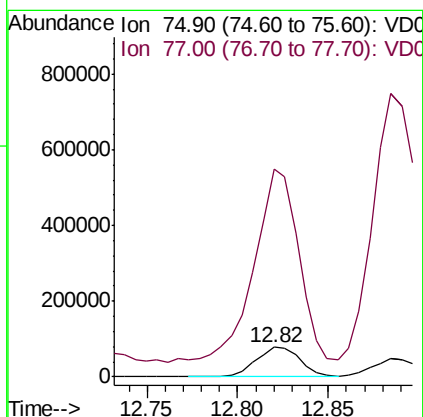
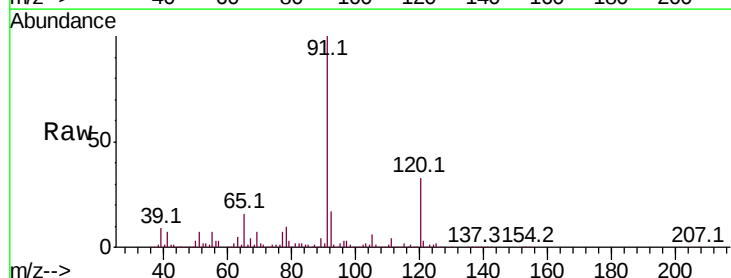
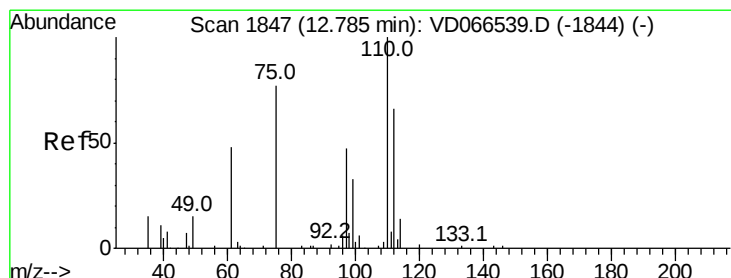
Acq: 04 Sep 2020 18:30

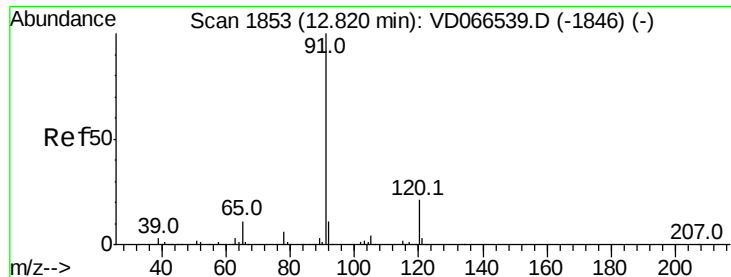
Tgt Ion: 75 Resp: 132635

Ion Ratio Lower Upper

75 100

77 657.0 0.0 0.0#





#78

n-propylbenzene

Concen: 399.324 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

Instrument :

MSVOA_D

ClientSampleId :

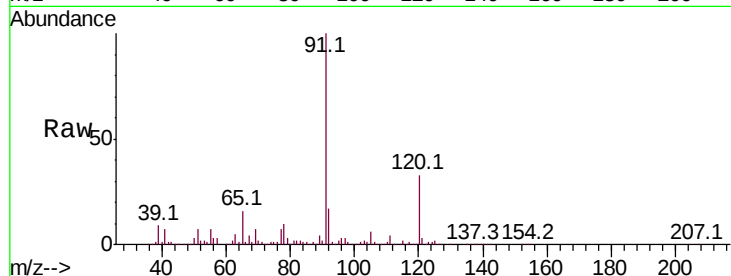
WC-PM-A2-10-14-D

Tot Ion: 91 Resp:16505868

Ion Ratio Lower Upper

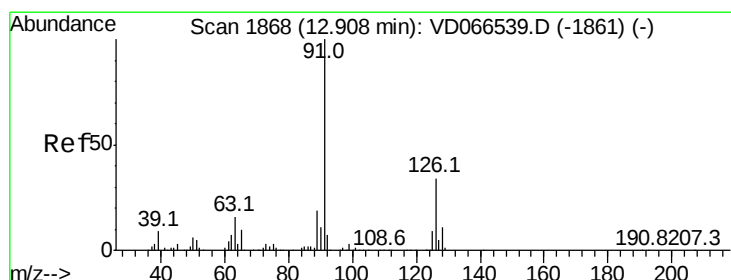
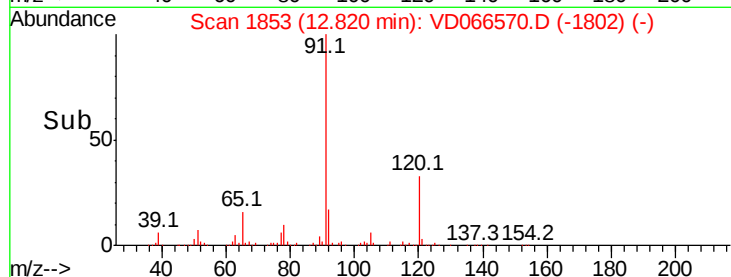
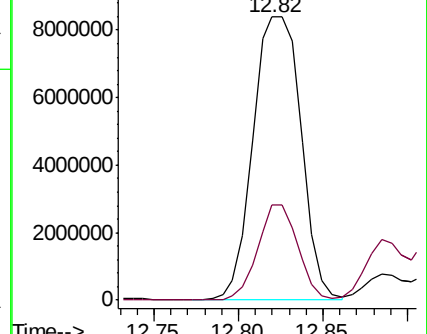
91 100

120 28.3 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 63.405 ug/l

RT: 12.92 min Scan# 1870

Delta R.T. 0.01 min

Lab File: VD066570.D

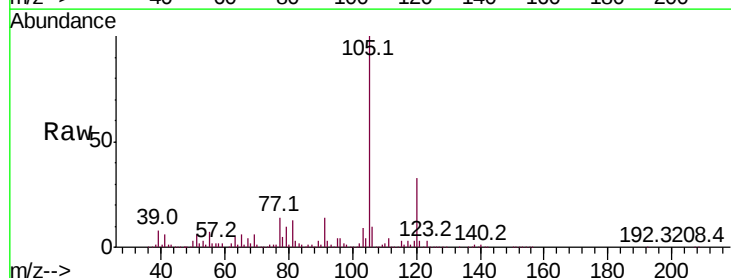
Acq: 04 Sep 2020 18:30

Tgt Ion: 91 Resp: 1470277

Ion Ratio Lower Upper

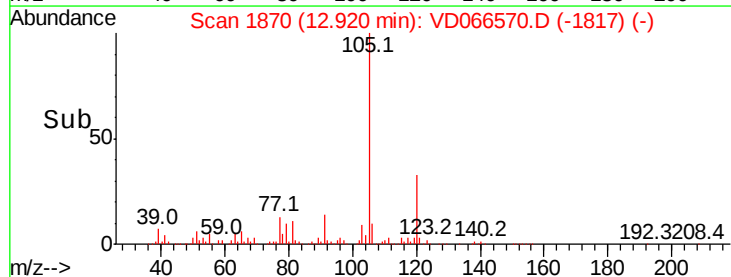
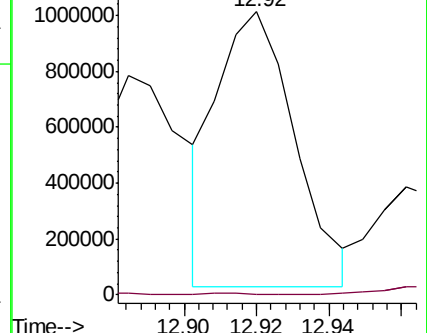
91 100

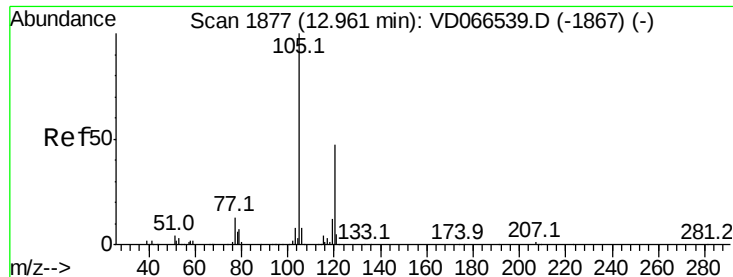
126 0.0 16.4 49.4#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 157.271 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

Instrument :

MSVOA_D

ClientSampleId :

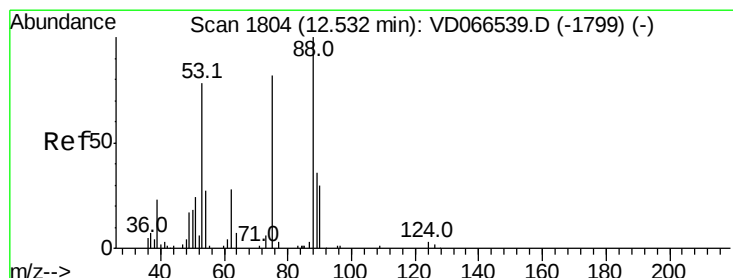
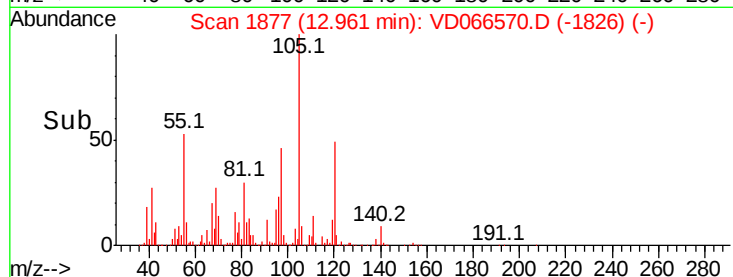
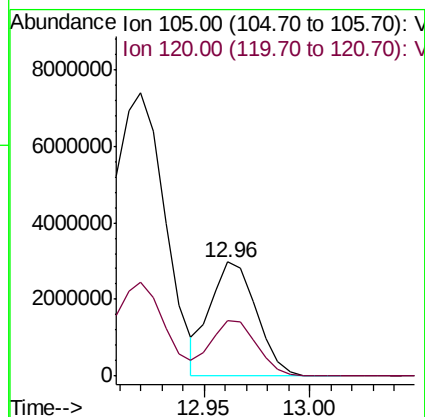
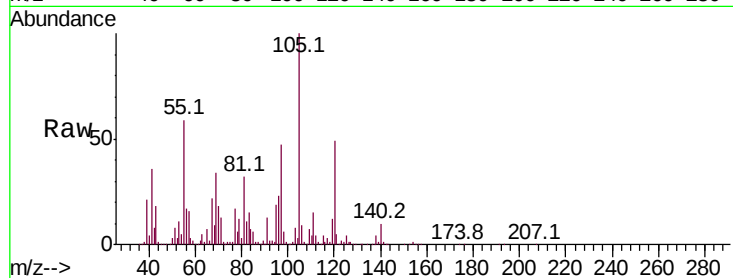
WC-PM-A2-10-14-D

Tot Ion:105 Resp: 4513468

Ion Ratio Lower Upper

105 100

120 48.9 23.9 71.8



#81

trans-1,4-Dichloro-2-butene

Concen: 97.715 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.05 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

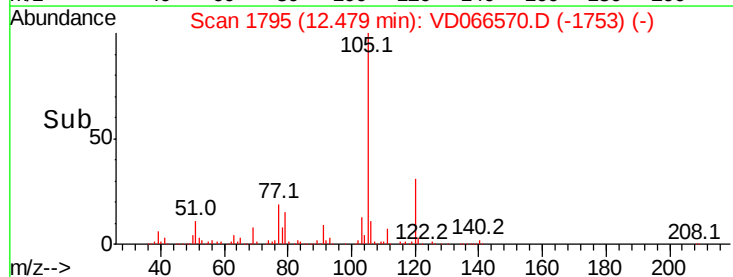
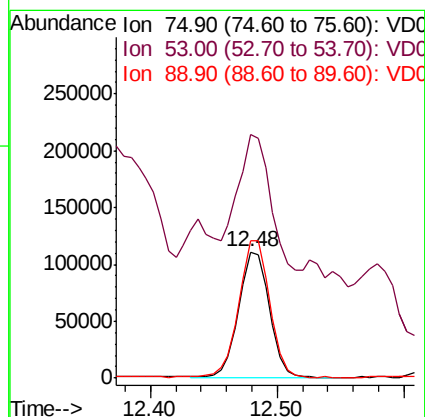
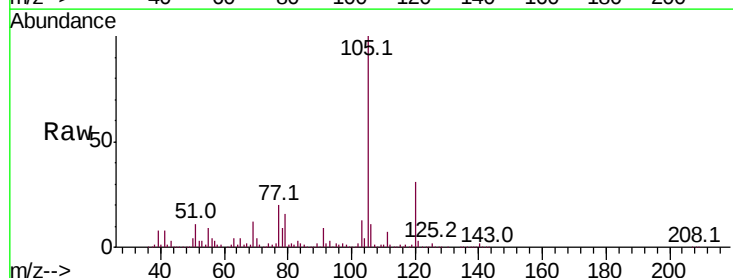
Tgt Ion: 75 Resp: 185377

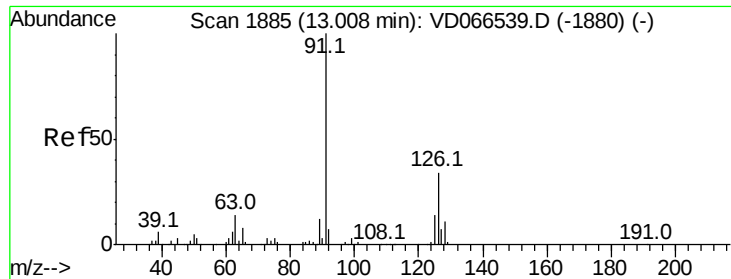
Ion Ratio Lower Upper

75 100

53 125.2 87.0 130.4

89 109.9 37.1 55.7#

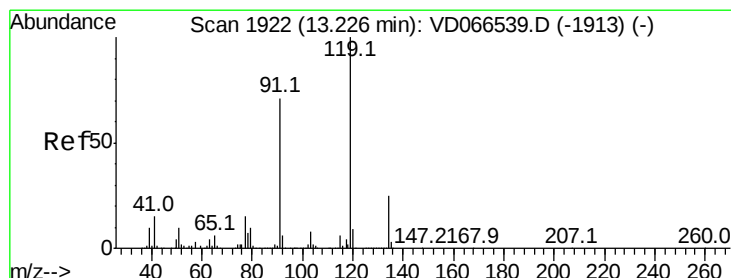
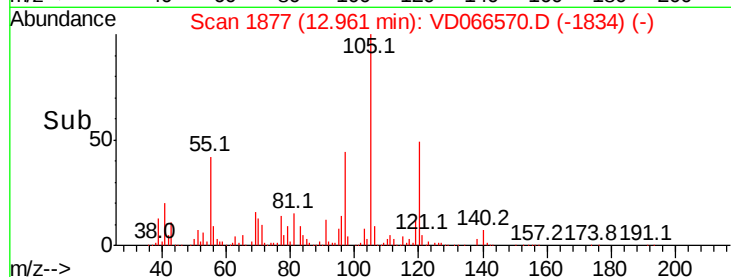
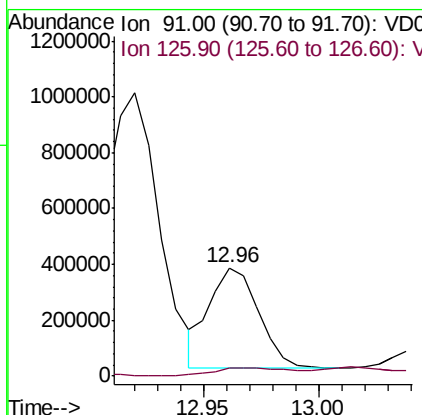
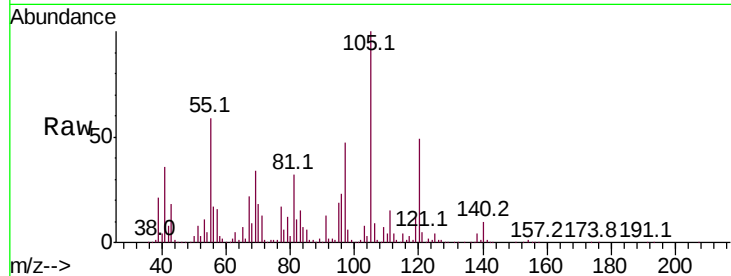




#82
4-Chlorotoluene
Concen: 21.569 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.05 min
Lab File: VD066570.D
Acq: 04 Sep 2020 18:30

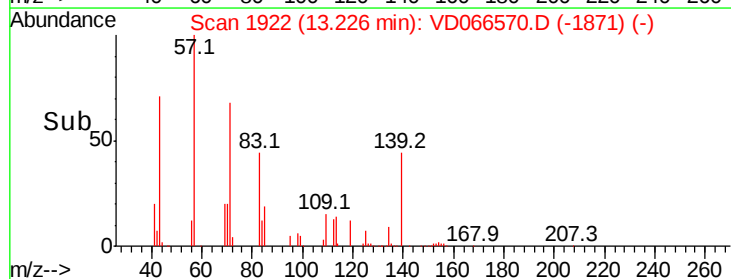
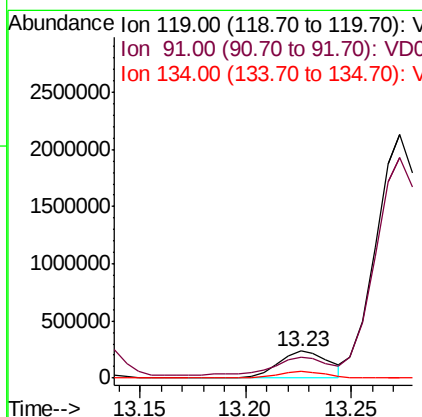
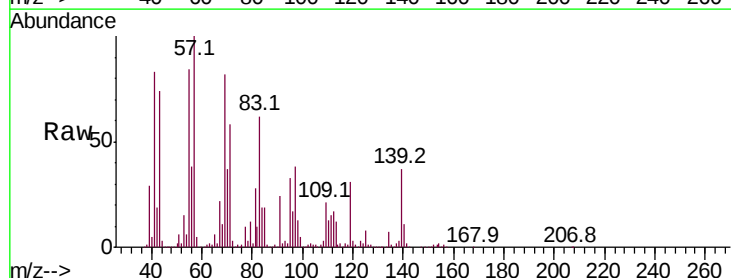
Instrument :
MSVOA_D
ClientSampleId :
WC-PM-A2-10-14-D

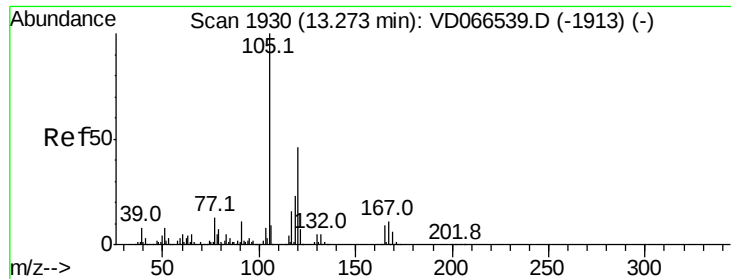
Tot Ion: 91 Resp: 534841
Ion Ratio Lower Upper
91 100
126 12.2 16.4 49.1#



#83
tert-Butylbenzene
Concen: 16.586 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066570.D
Acq: 04 Sep 2020 18:30

Tgt Ion: 119 Resp: 388698
Ion Ratio Lower Upper
119 100
91 76.8 35.2 105.6
134 23.9 13.5 40.5





#84

1,2,4-Trimethylbenzene

Concen: 645.981 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

Instrument :

MSVOA_D

ClientSampleId :

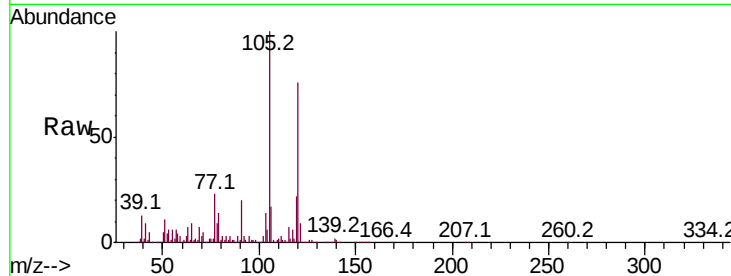
WC-PM-A2-10-14-D

Tot Ion:105 Resp:18457510

Ion Ratio Lower Upper

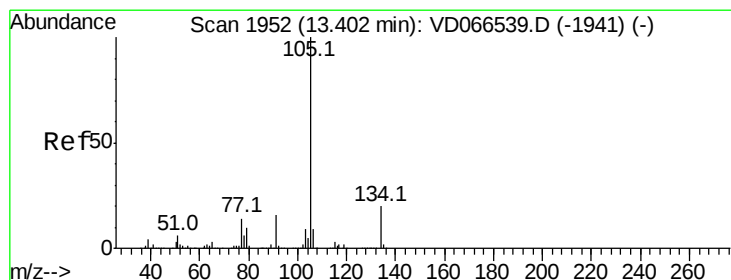
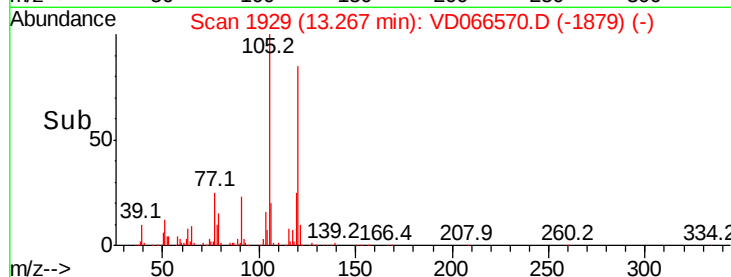
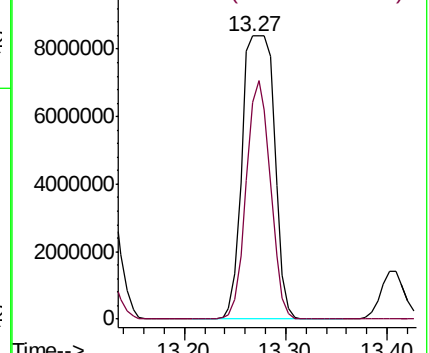
105 100

120 63.6 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 68.816 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.01 min

Lab File: VD066570.D

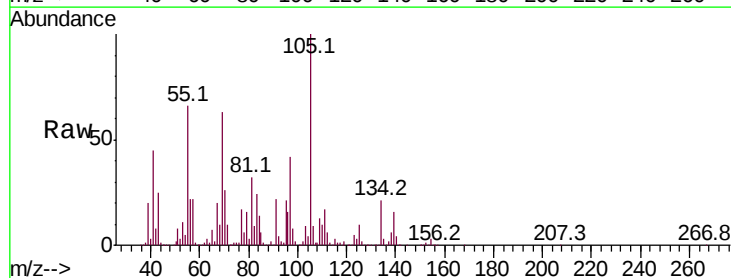
Acq: 04 Sep 2020 18:30

Tgt Ion:105 Resp: 2323535

Ion Ratio Lower Upper

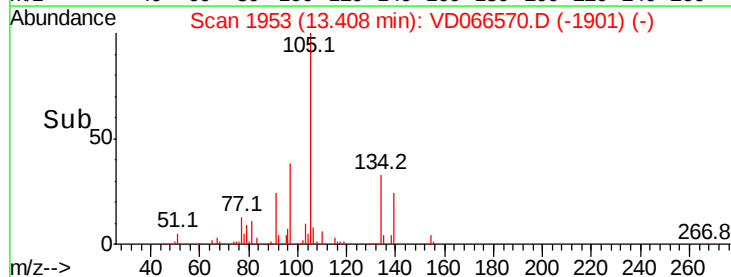
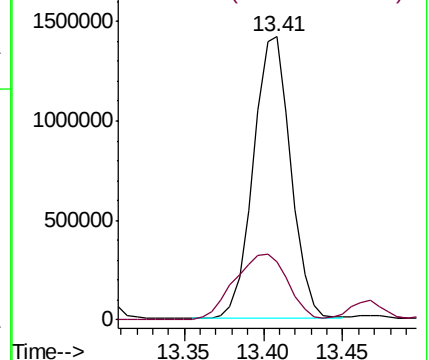
105 100

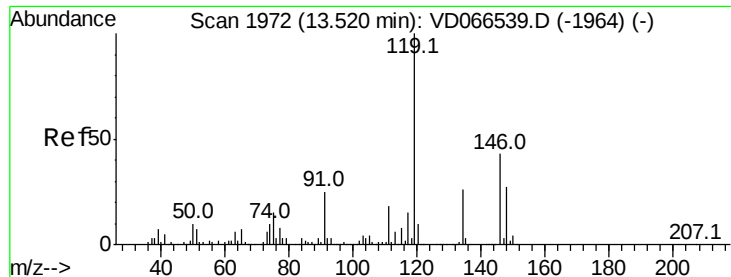
134 33.3 9.8 29.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

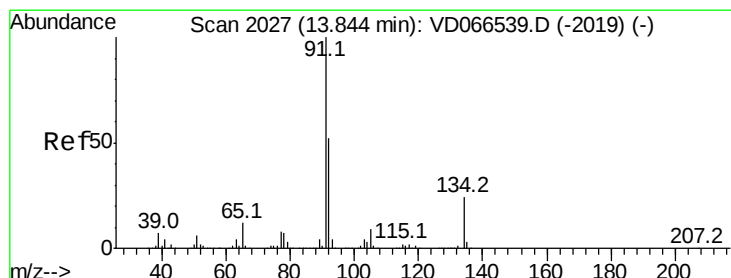
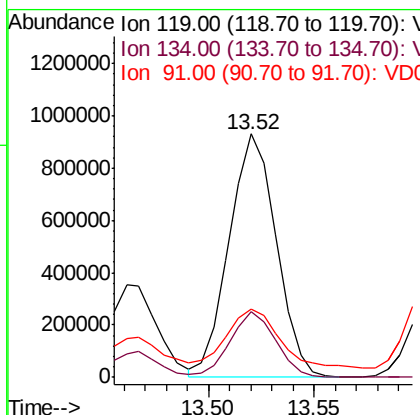
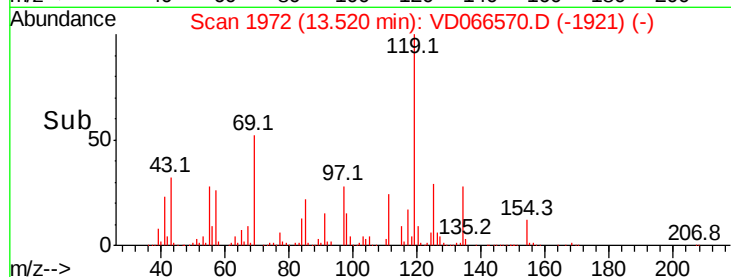
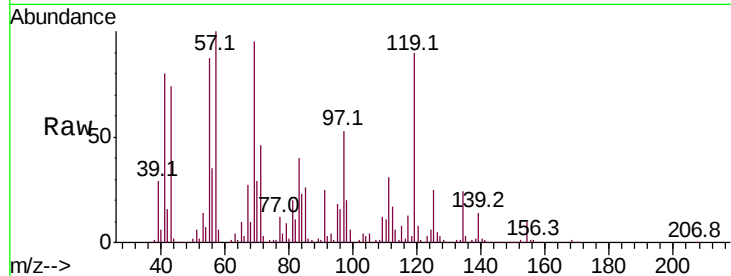




#86
p-Isopropyltoluene
Concen: 47.393 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VD066570.D
Acq: 04 Sep 2020 18:30

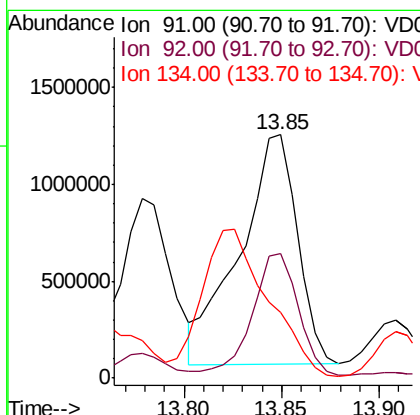
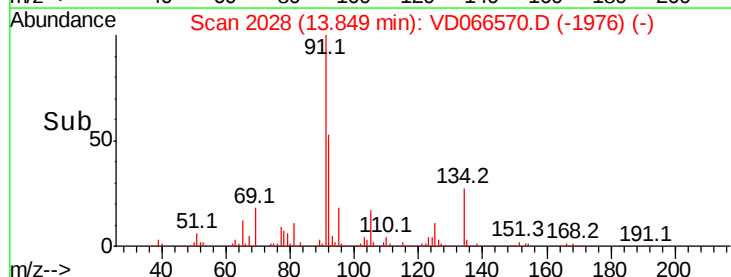
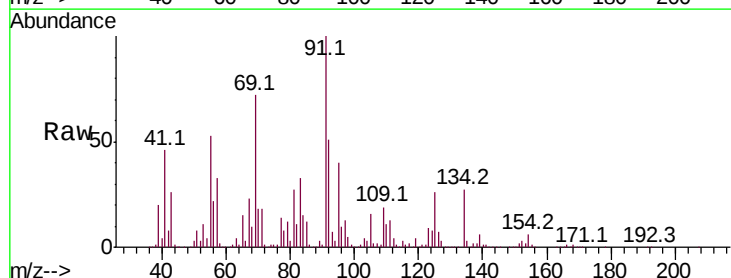
Instrument :
MSVOA_D
ClientSampleId :
WC-PM-A2-10-14-D

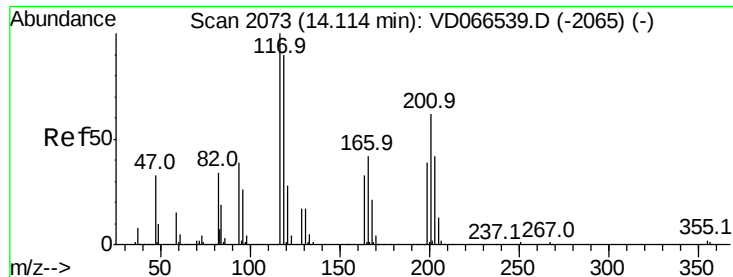
Tot Ion:119 Resp: 1440283
Ion Ratio Lower Upper
119 100
134 26.0 12.7 38.0
91 26.4 12.5 37.5



#89
n-Butylbenzene
Concen: 81.970 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066570.D
Acq: 04 Sep 2020 18:30

Tgt Ion: 91 Resp: 2427516
Ion Ratio Lower Upper
91 100
92 43.4 26.5 79.5
134 0.0 12.1 36.3#





#90

Hexachloroethane

Concen: 127.751 ug/l

RT: 14.13 min Scan# 2075

Delta R.T. 0.01 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

Instrument :

MSVOA_D

ClientSampleId :

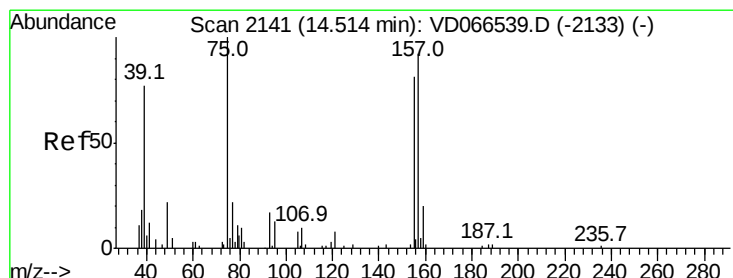
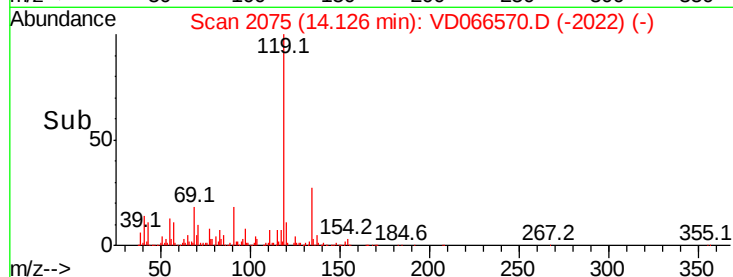
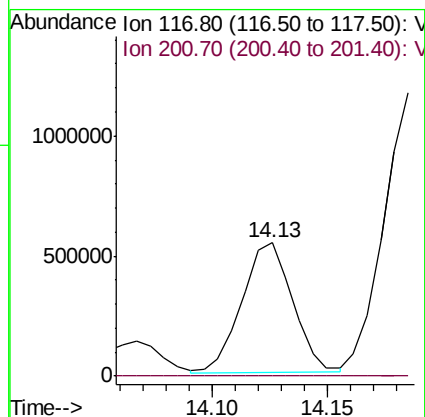
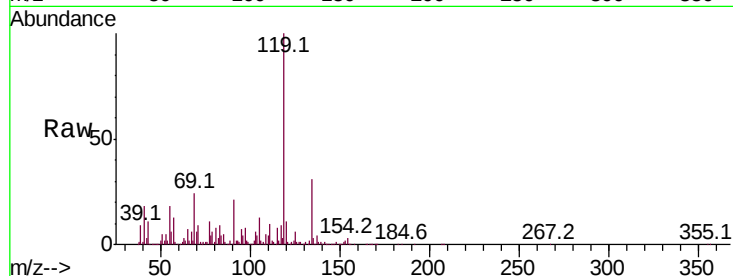
WC-PM-A2-10-14-D

Tot Ion:117 Resp: 836530

Ion Ratio Lower Upper

117 100

201 0.0 31.9 95.5#



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.606 ug/l

RT: 14.53 min Scan# 2143

Delta R.T. 0.01 min

Lab File: VD066570.D

Acq: 04 Sep 2020 18:30

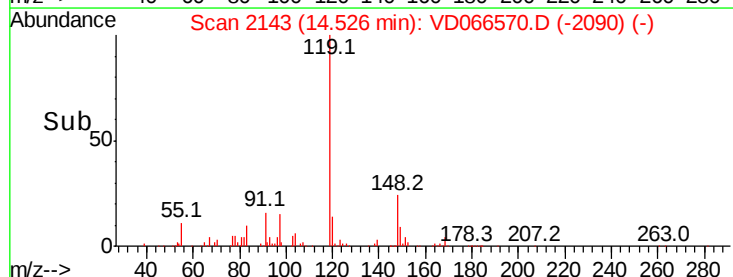
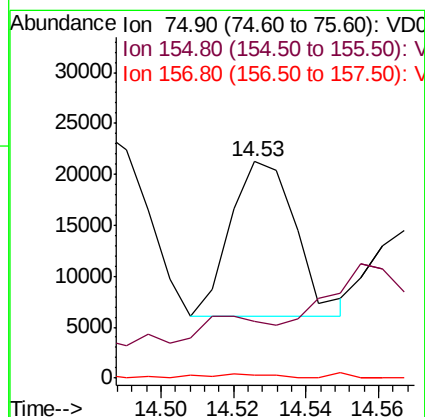
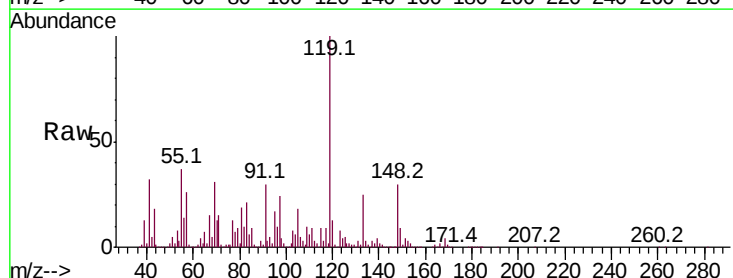
Tgt Ion: 75 Resp: 19039

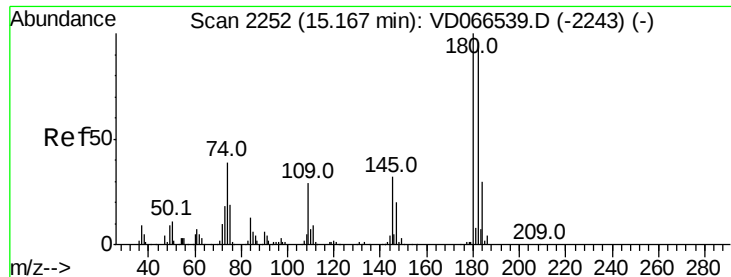
Ion Ratio Lower Upper

75 100

155 22.4 39.3 117.8#

157 3.2 46.0 137.8#

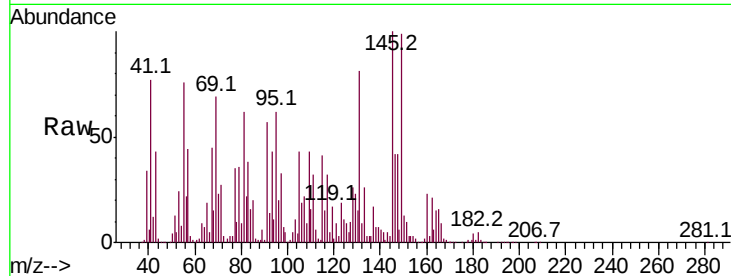




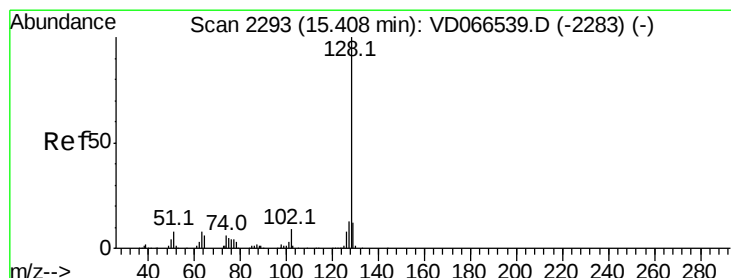
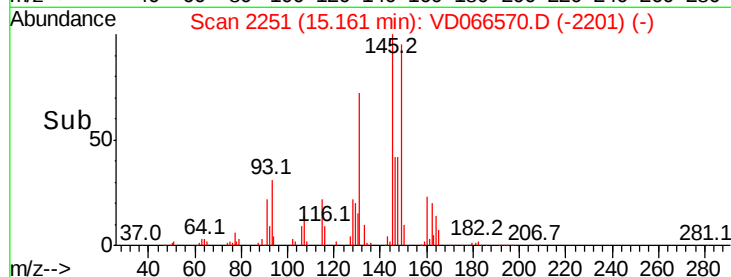
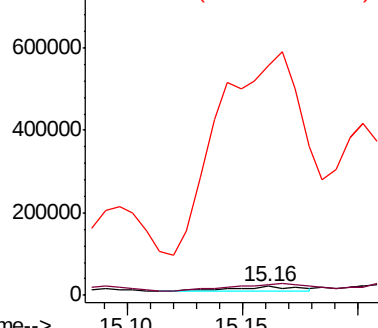
#93
 1,2,4-Trichlorobenzene
 Concen: 3.276 ug/l
 RT: 15.16 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: VD066570.D
 Acq: 04 Sep 2020 18:30

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-PM-A2-10-14-D

Tot Ion:180 Resp: 25937
 Ion Ratio Lower Upper
 180 100
 182 172.5 48.4 145.0#
 145 6323.3 16.7 50.0#

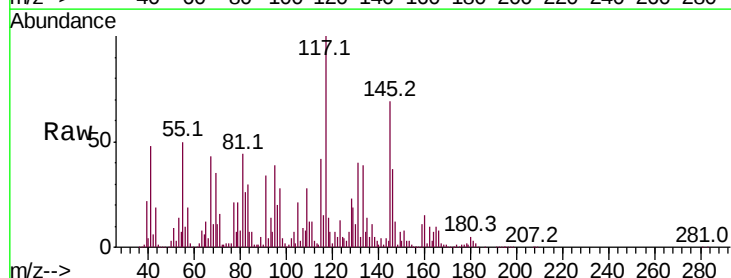


Abundance Ion 179.80 (179.50 to 180.50): V
 800000
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

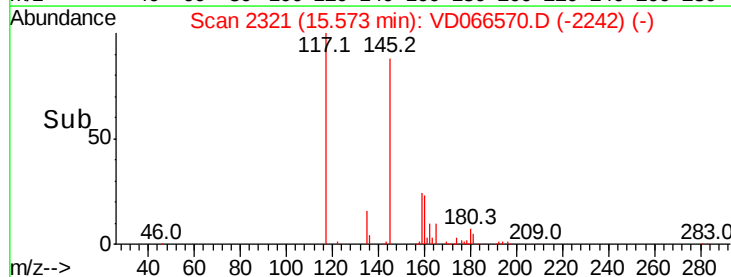
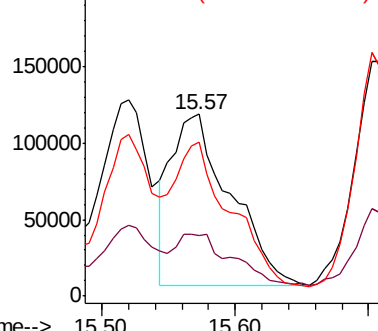


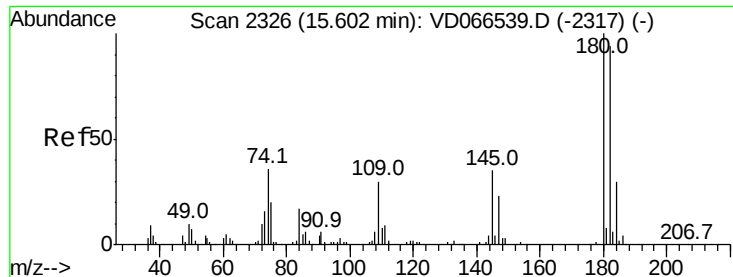
#95
 Naphthalene
 Concen: 24.909 ug/l
 RT: 15.57 min Scan# 2321
 Delta R.T. 0.16 min
 Lab File: VD066570.D
 Acq: 04 Sep 2020 18:30

Tgt Ion:128 Resp: 344589
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.7 16.1#
 129 76.7 9.1 13.7#



Abundance Ion 128.00 (127.70 to 128.70): V
 200000
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.588 ug/l
 RT: 15.62 min Scan# 2329
 Delta R.T. 0.02 min
 Lab File: VD066570.D
 Acq: 04 Sep 2020 18:30

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-PM-A2-10-14-D

Tot Ion:180 Resp: 24215
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.6#
 145 0.0 17.3 51.7#

