

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD011720\
 Data File : VD064862.D
 Acq On : 17 Jan 2020 14:47
 Operator : VA/SY
 Sample : L1176-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-1

Quant Time: Jan 17 22:52:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	8.00	168	8347	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.86	114	11880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	12150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	5387	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	5536	75.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	150.42%	
35) Dibromofluoromethane	7.92	113	4985	68.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.78%	
50) Toluene-d8	10.35	98	15549	55.70	ug/l	0.01
Spiked Amount	50.000		Recovery	=	111.40%	
62) 4-Bromofluorobenzene	12.63	95	4794	54.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	300	4.62	ug/l #	43
3) Chloromethane	2.21	50	871	9.60	ug/l #	64
4) Vinyl Chloride	2.34	62	538	4.86	ug/l #	41
5) Bromomethane	2.80	94	625	7.77	ug/l	93
7) Trichlorofluoromethane	3.27	101	454	2.44	ug/l #	17
10) Methyl Iodide	4.30	142	276	3.33	ug/l #	39
12) 1,1-Dichloroethene	4.07	96	128	1.74	ug/l #	66
15) Acrylonitrile	5.47	53	71	4.61	ug/l #	17
16) Acetone	4.19	43	196	15.34	ug/l #	42
17) Carbon Disulfide	4.41	76	765	3.22	ug/l #	75
18) Methyl Acetate	4.73	43	155	3.74	ug/l #	51
20) Methylene Chloride	4.97	84	133	Below Cal	#	7
21) trans-1,2-Dichloroethene	5.47	96	468	5.60	ug/l #	1
22) Diisopropyl ether	6.37	45	591	2.59	ug/l #	71
23) Vinyl Acetate	6.37	43	141	1.09	ug/l #	72
24) 1,1-Dichloroethane	6.27	63	482	3.52	ug/l #	80
25) 2-Butanone	7.21	43	107	5.29	ug/l #	49
26) 2,2-Dichloropropane	7.20	77	145	1.14	ug/l #	53
27) cis-1,2-Dichloroethene	7.22	96	293	3.25	ug/l #	31
28) Bromochloromethane	7.41	49	58	1.09	ug/l #	11
29) Tetrahydrofuran	7.59	42	53	4.21	ug/l #	33
30) Chloroform	7.73	83	193	1.34	ug/l	90
31) Cyclohexane	7.99	56	855	6.23	ug/l #	66
32) 1,1,1-Trichloroethane	7.91	97	297	2.20	ug/l #	39
36) 1,1-Dichloropropene	8.11	75	659	5.76	ug/l #	41
37) Ethyl Acetate	7.21	43	107	2.38	ug/l #	1
38) Carbon Tetrachloride	7.98	117	865	7.09	ug/l #	12
39) Methylcyclohexane	9.36	83	809	5.84	ug/l #	67
40) Benzene	8.35	78	1433	4.59	ug/l #	51
41) Methacrylonitrile	7.51	41	105	4.03	ug/l #	54
44) Trichloroethene	9.11	130	648	7.07	ug/l	93
48) Methyl methacrylate	9.46	41	173	4.11	ug/l #	15
51) 4-Methyl-2-Pentanone	10.24	43	459	10.39	ug/l #	66
52) Toluene	10.40	92	855	4.17	ug/l	95

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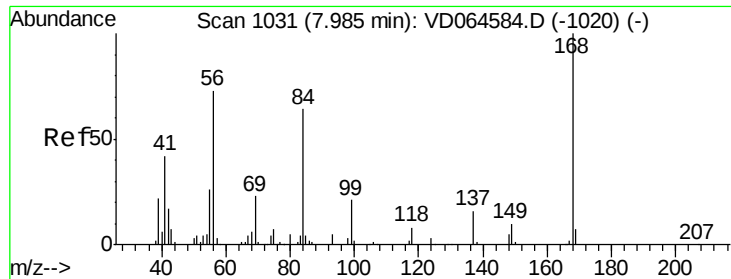
Instrument :
 MSVOA_D
 ClientSampleId :
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Quant Time: Jan 17 22:52:19 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

55) 1,1,2-Trichloroethane	10.81	97	63	1.13	ug/l #	15
59) 2-Hexanone	10.98	43	394	13.14	ug/l #	26
60) Dibromochloromethane	10.87	129	582	7.52	ug/l #	11
64) Tetrachloroethene	10.87	164	628	6.74	ug/l #	76
65) Chlorobenzene	11.67	112	1096	4.35	ug/l #	68
67) Ethyl Benzene	11.75	91	1640	3.58	ug/l	98
68) m/p-Xylenes	11.86	106	1058	5.99	ug/l	95
69) o-Xylene	12.18	106	529	3.32	ug/l	93
70) Styrene	12.20	104	522	1.86	ug/l	91
73) Isopropylbenzene	12.49	105	1465	3.81	ug/l	95
74) N-amyl acetate	12.30	43	83	1.01	ug/l #	43
76) 1,2,3-Trichloropropane	12.77	75	195	4.58	ug/l #	100
77) Bromobenzene	12.77	156	132	1.40	ug/l #	1
78) n-propylbenzene	12.82	91	1665	3.71	ug/l	97
79) 2-Chlorotoluene	12.91	91	796	3.23	ug/l	80
80) 1,3,5-Trimethylbenzene	12.97	105	912	2.88	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.64	75	2863	140.76	ug/l #	10
82) 4-Chlorotoluene	12.91	91	796	3.03	ug/l	80
83) tert-Butylbenzene	13.23	119	725	2.64	ug/l #	76
84) 1,2,4-Trimethylbenzene	13.28	105	963	3.06	ug/l	82
85) sec-Butylbenzene	13.40	105	1444	3.84	ug/l	100
86) p-Isopropyltoluene	13.52	119	1424	3.96	ug/l	94
87) 1,3-Dichlorobenzene	13.61	146	853	4.73	ug/l	86
88) 1,4-Dichlorobenzene	13.61	146	853	4.82	ug/l	87
89) n-Butylbenzene	13.86	91	1171	3.61	ug/l #	83
90) Hexachloroethane	14.13	117	76	1.11	ug/l #	5
91) 1,2-Dichlorobenzene	13.90	146	771	5.01	ug/l #	72
92) 1,2-Dibromo-3-Chloropropan	14.46	75	55	5.61	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.17	180	595	5.26	ug/l	83
94) Hexachlorobutadiene	15.29	225	264	3.71	ug/l	79
95) Naphthalene	15.41	128	1259	7.03	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.60	180	609	6.30	ug/l #	79

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 8.00 min Scan# 1033

Delta R.T. 0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

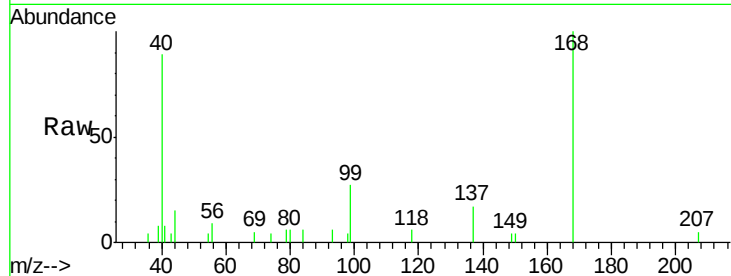
EP-1

Tgt Ion: 168 Resp: 8347

Ion Ratio Lower Upper

168 100

99 26.5 41.8 62.6#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

8.00

4000

3000

2000

1000

0

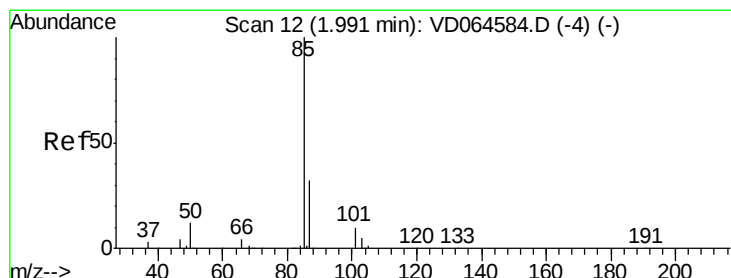
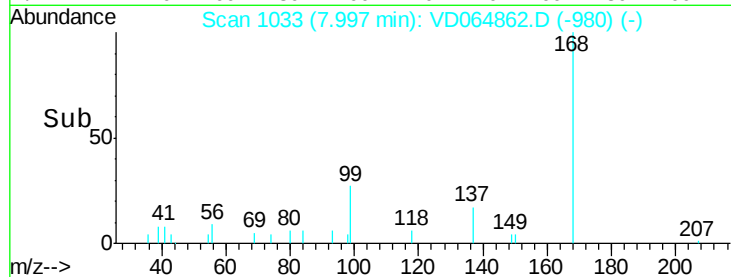
7.90

7.95

8.00

8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 4.62 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064862.D

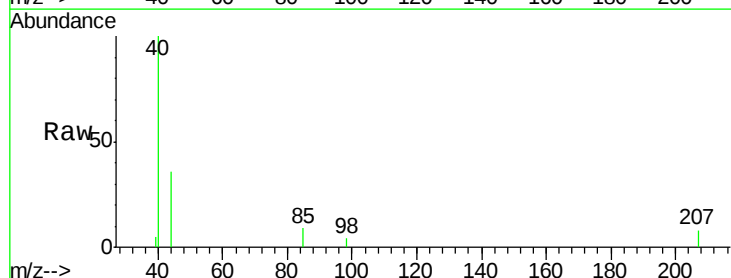
Acq: 17 Jan 2020 14:47

Tgt Ion: 85 Resp: 300

Ion Ratio Lower Upper

85 100

87 0.0 16.1 48.2#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

400

300

200

100

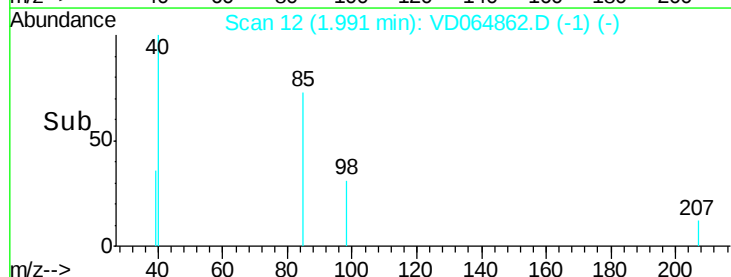
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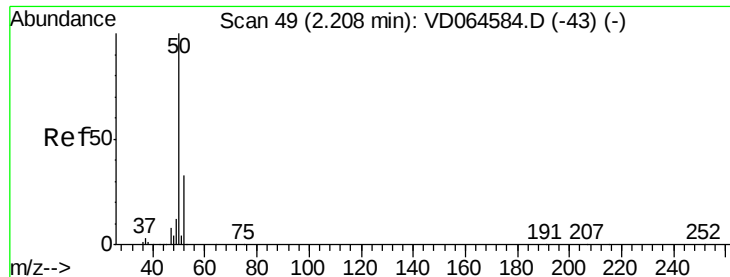
1.98

2.00

2.02

Time-->





#3

Chloromethane

Concen: 9.60 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

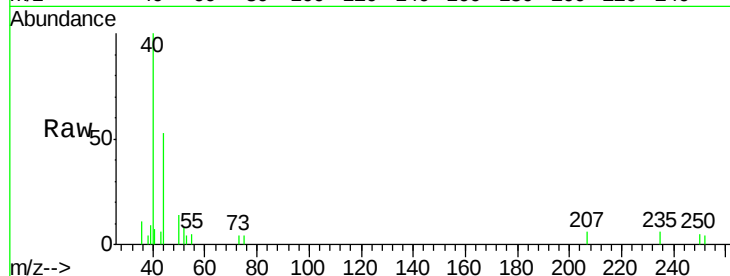
EP-1

Tgt Ion: 50 Resp: 871

Ion Ratio Lower Upper

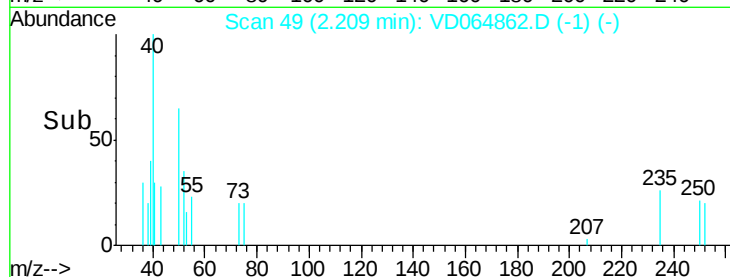
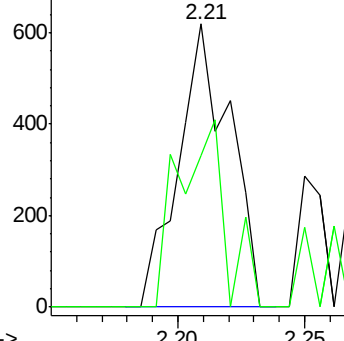
50 100

52 53.3 26.5 39.7#

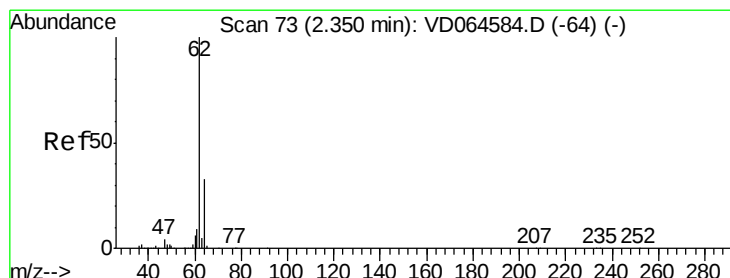


Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



Time-->



#4

Vinyl Chloride

Concen: 4.86 ug/l

RT: 2.34 min Scan# 71

Delta R.T. -0.01 min

Lab File: VD064862.D

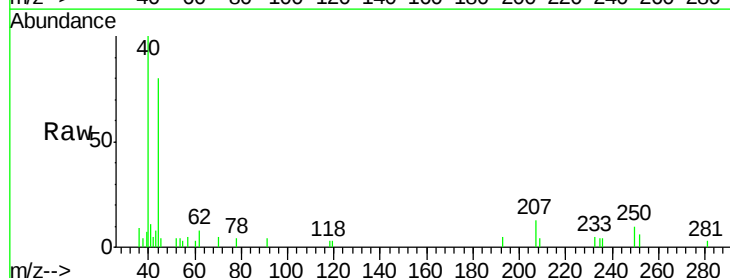
Acq: 17 Jan 2020 14:47

Tgt Ion: 62 Resp: 538

Ion Ratio Lower Upper

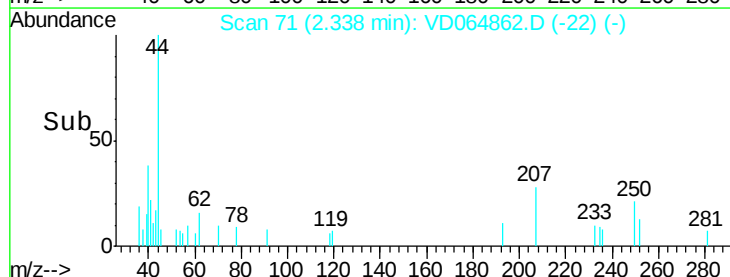
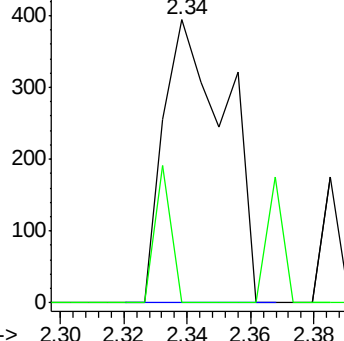
62 100

64 0.0 26.6 40.0#

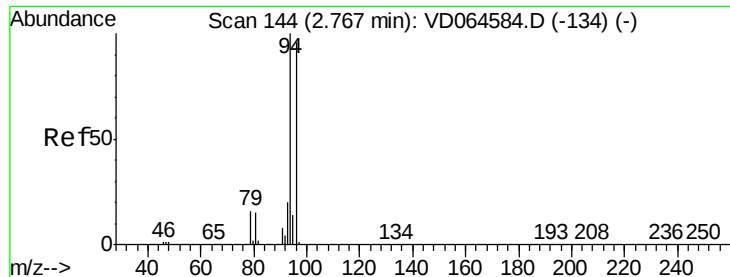


Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC



Time-->



#5

Bromomethane

Concen: 7.77 ug/l

RT: 2.80 min Scan# 149

Delta R.T. 0.03 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

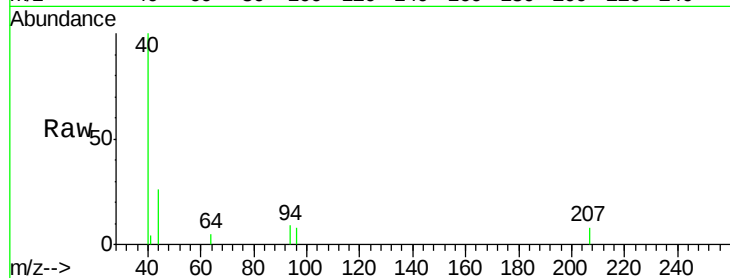
EP-1

Tgt Ion: 94 Resp: 625

Ion Ratio Lower Upper

94 100

96 89.5 77.2 115.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

500

400

300

200

100

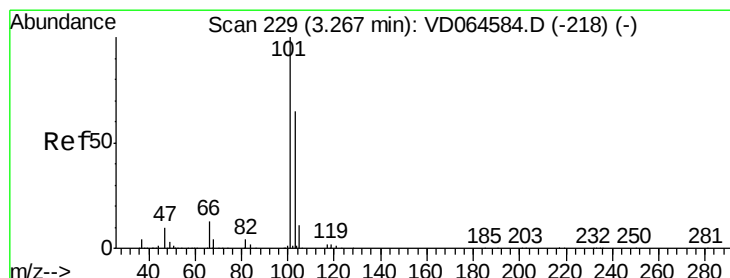
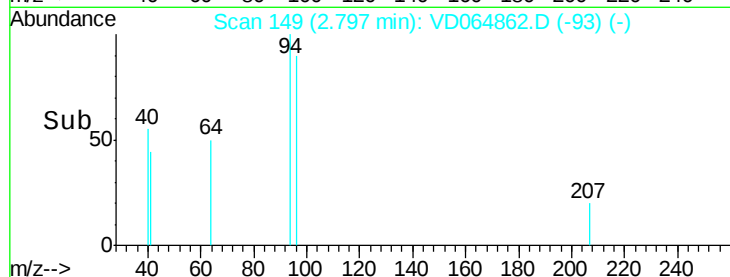
0

2.75

2.80

2.85

Time-->



#7

Trichlorofluoromethane

Concen: 2.44 ug/l

RT: 3.27 min Scan# 230

Delta R.T. 0.01 min

Lab File: VD064862.D

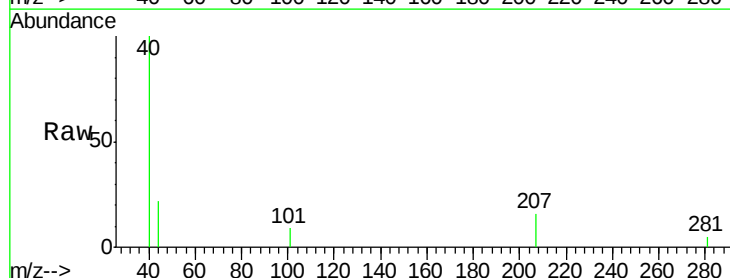
Acq: 17 Jan 2020 14:47

Tgt Ion: 101 Resp: 454

Ion Ratio Lower Upper

101 100

103 0.0 52.2 78.4#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

300

200

100

0

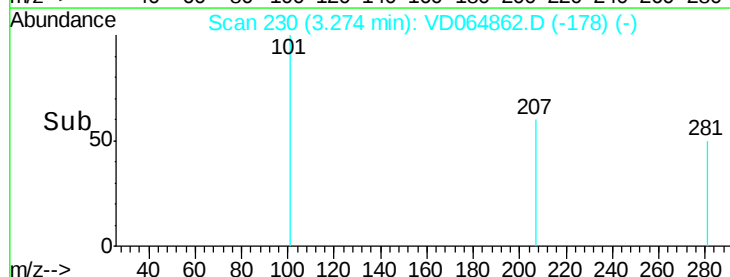
3.24

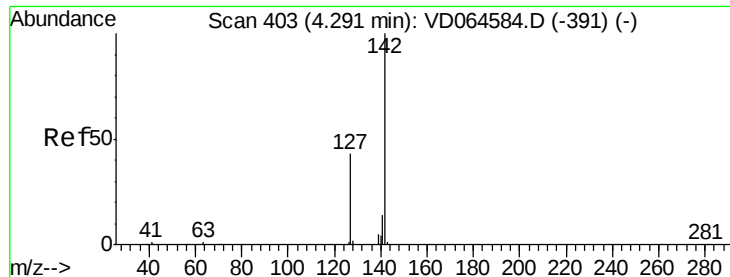
3.26

3.28

3.30

Time-->

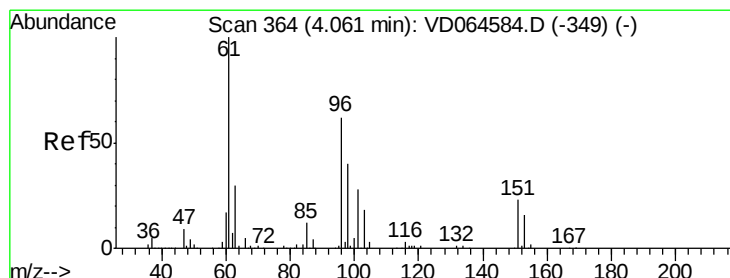
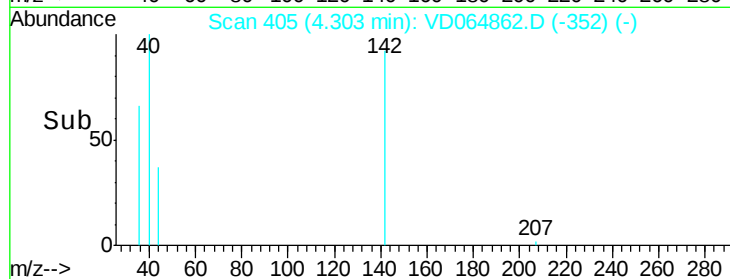
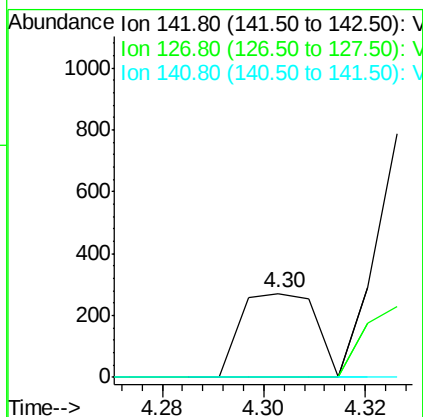
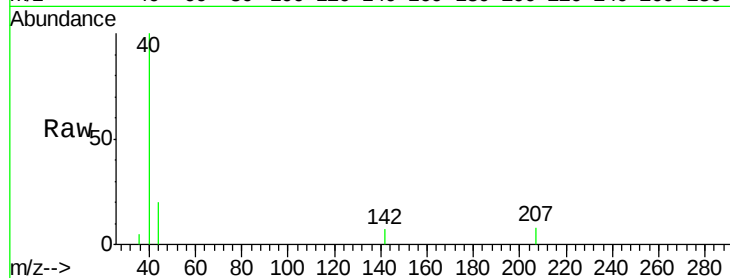




#10
Methyl Iodide
Concen: 3.33 ug/l
RT: 4.30 min Scan# 405
Delta R.T. 0.01 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

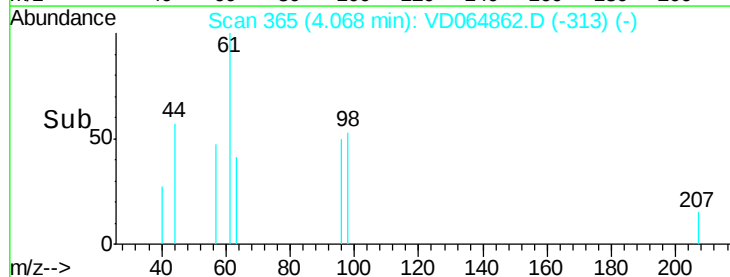
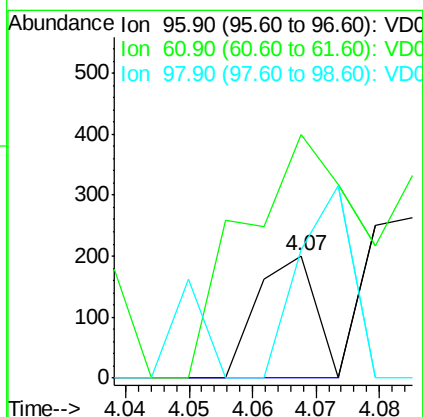
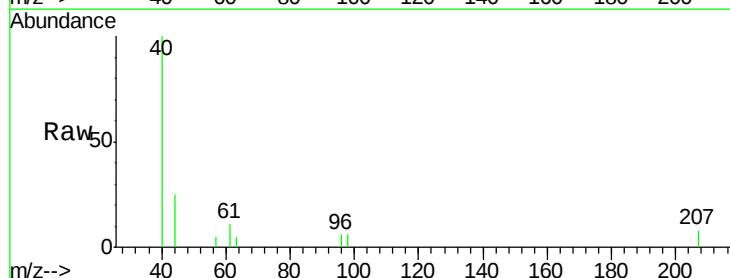
Instrument :
MSVOA_D
ClientSampled :
EP-1

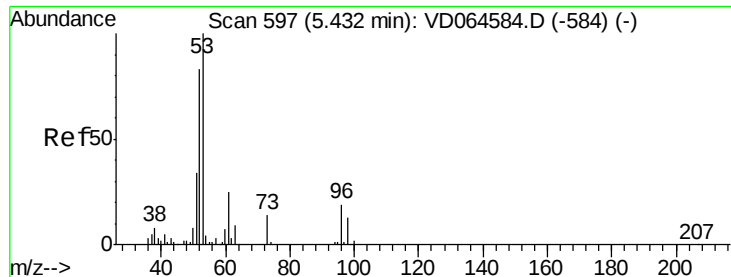
Tgt Ion: 142 Resp: 276
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.4#
141 0.0 11.8 17.8#



#12
1,1-Dichloroethene
Concen: 1.74 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.01 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

Tgt Ion: 96 Resp: 128
Ion Ratio Lower Upper
96 100
61 198.5 129.4 194.0#
98 23.9 51.4 77.0#





#15

Acrylonitrile

Concen: 4.61 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.04 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Instrument :

MSVOA_D

ClientSampled :

EP-1

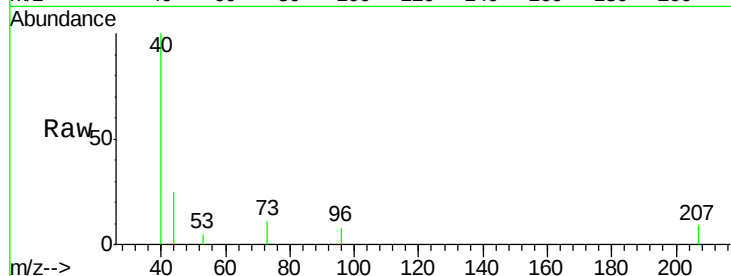
Tgt Ion: 53 Resp: 71

Ion Ratio Lower Upper

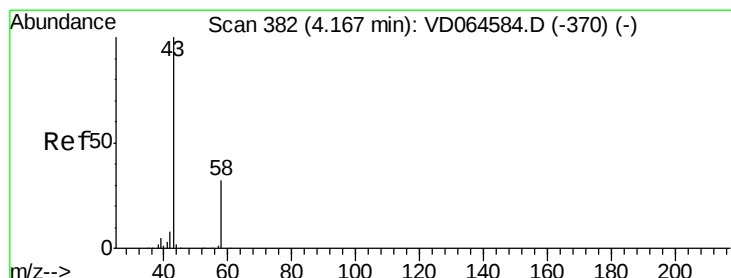
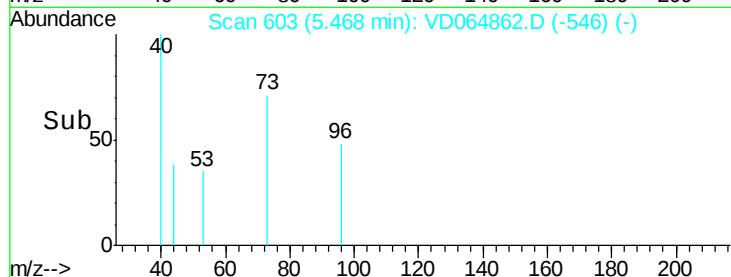
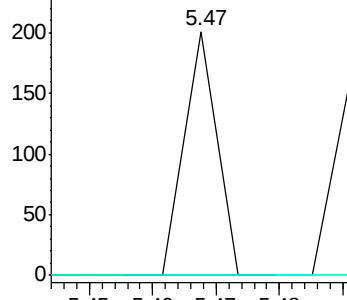
53 100

52 0.0 66.2 99.2#

51 0.0 30.1 45.1#



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: 15.34 ug/l

RT: 4.19 min Scan# 386

Delta R.T. 0.02 min

Lab File: VD064862.D

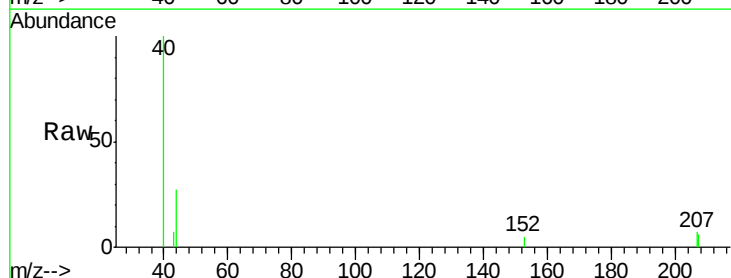
Acq: 17 Jan 2020 14:47

Tgt Ion: 43 Resp: 196

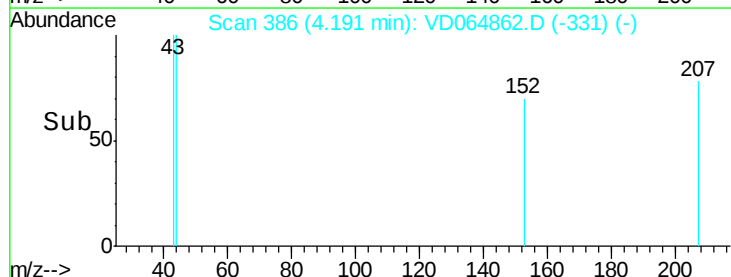
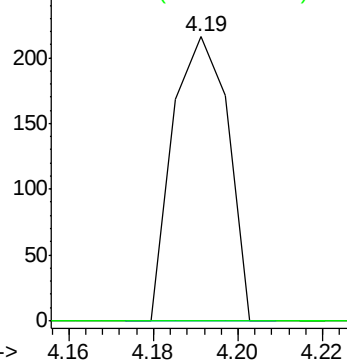
Ion Ratio Lower Upper

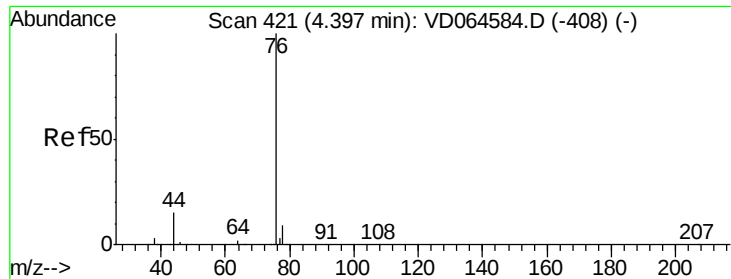
43 100

58 0.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 3.22 ug/l

RT: 4.41 min Scan# 424

Delta R.T. 0.02 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Instrument :

MSVOA_D

ClientSampled :

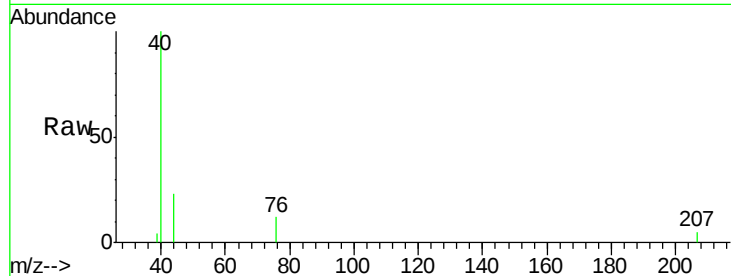
EP-1

Tgt Ion: 76 Resp: 765

Ion Ratio Lower Upper

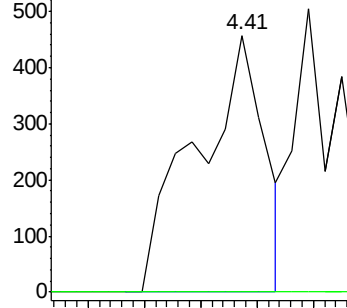
76 100

78 0.0 7.3 10.9#

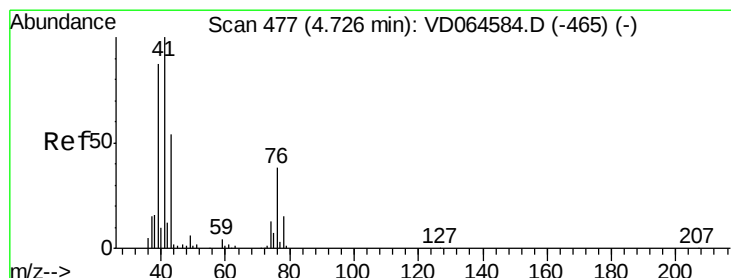
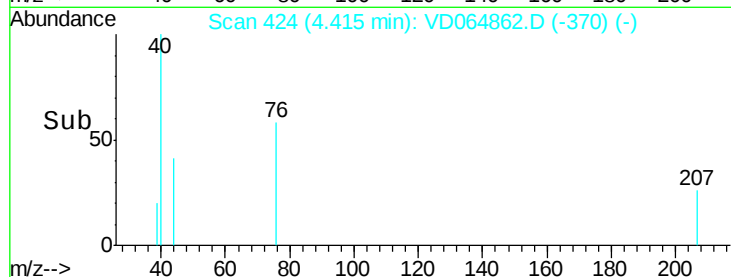


Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



Time-->



#18

Methyl Acetate

Concen: 3.74 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.00 min

Lab File: VD064862.D

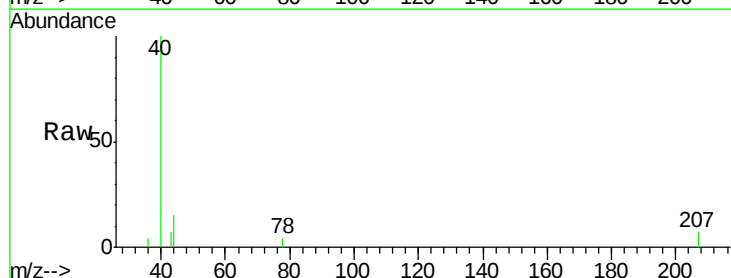
Acq: 17 Jan 2020 14:47

Tgt Ion: 43 Resp: 155

Ion Ratio Lower Upper

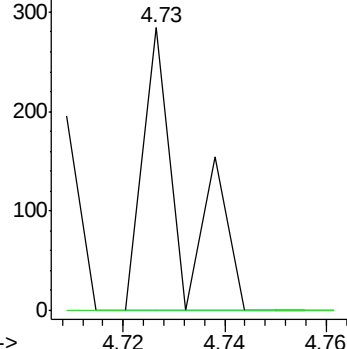
43 100

74 0.0 19.2 28.8#

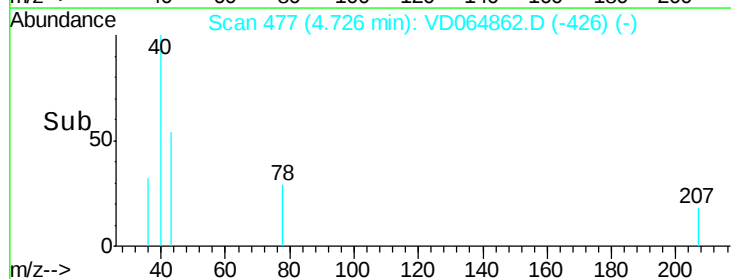


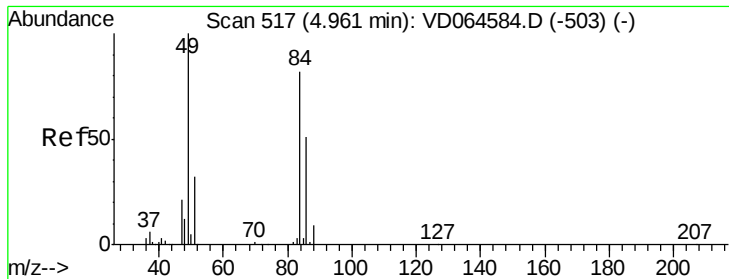
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



Time-->





#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

EP-1

Tgt Ion: 84 Resp: 133

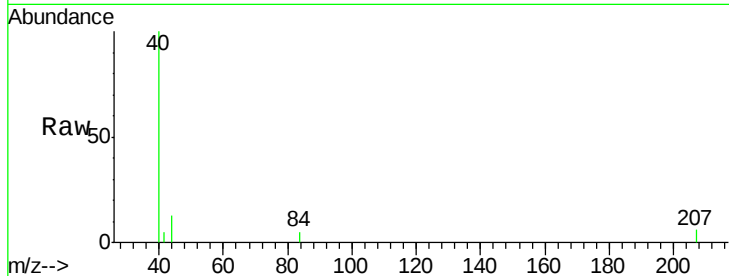
Ion Ratio Lower Upper

84 100

49 0.0 97.2 145.8#

51 0.0 31.4 47.0#

86 0.0 49.3 73.9#

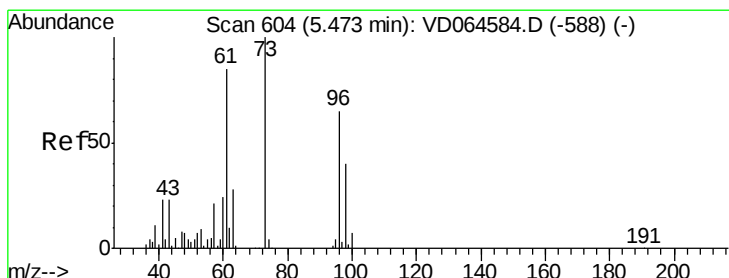
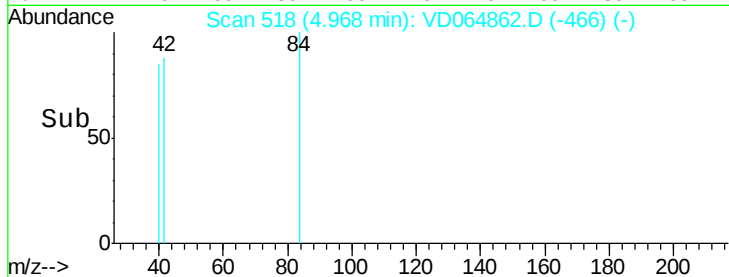
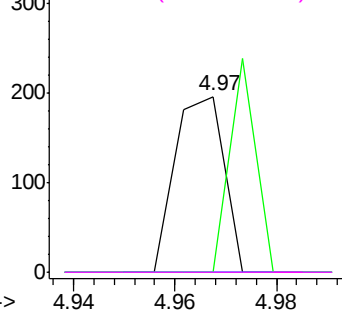


Abundance Ion 83.90 (83.60 to 84.60): VDC

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



#21

trans-1,2-Dichloroethene

Concen: 5.60 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

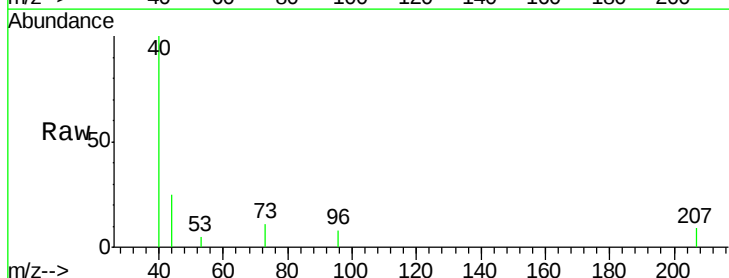
Tgt Ion: 96 Resp: 468

Ion Ratio Lower Upper

96 100

61 0.0 104.7 157.1#

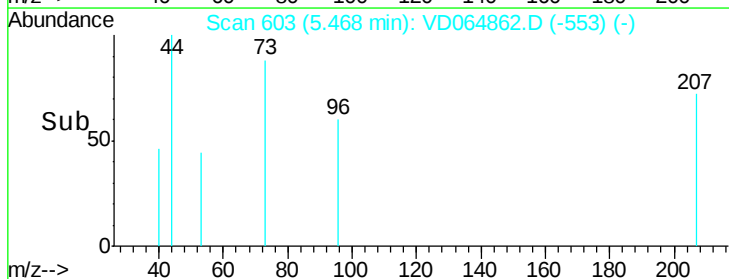
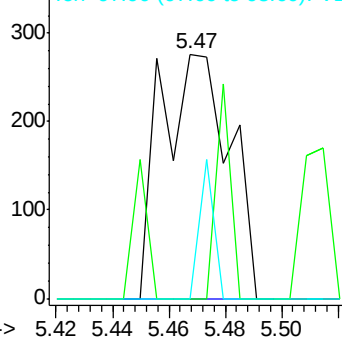
98 0.0 49.4 74.2#

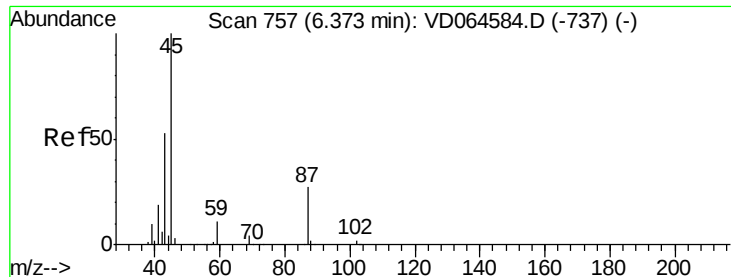


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#22

Diisopropyl ether

Concen: 2.59 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

EP-1

Tgt Ion: 45 Resp: 591

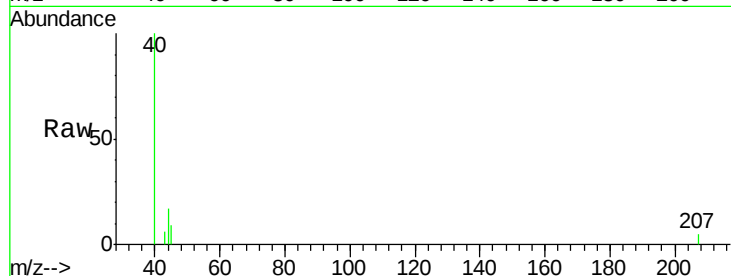
Ion Ratio Lower Upper

45 100

43 65.8 43.2 64.8#

87 0.0 21.9 32.9#

59 0.0 9.0 13.4#

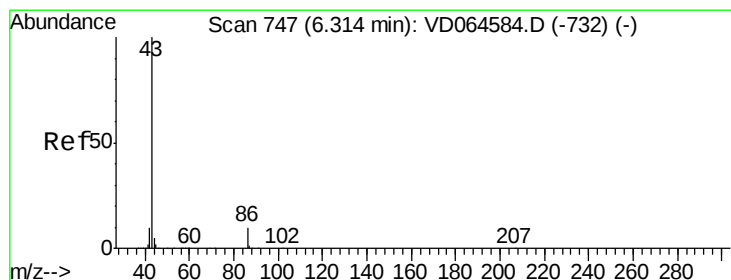
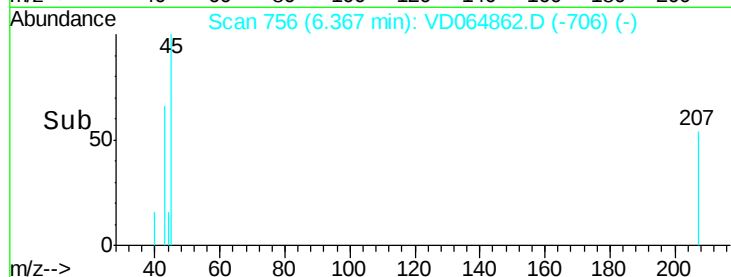
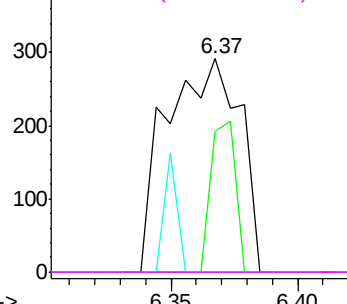


Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC



#23

Vinyl Acetate

Concen: 1.09 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.06 min

Lab File: VD064862.D

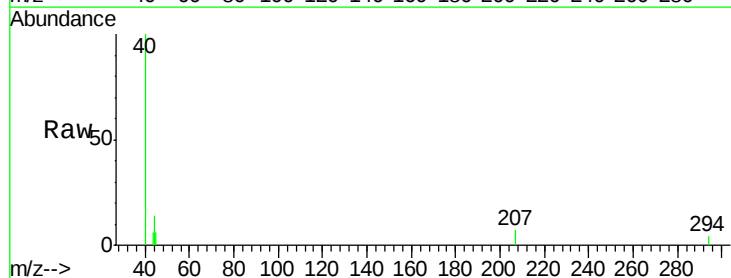
Acq: 17 Jan 2020 14:47

Tgt Ion: 43 Resp: 141

Ion Ratio Lower Upper

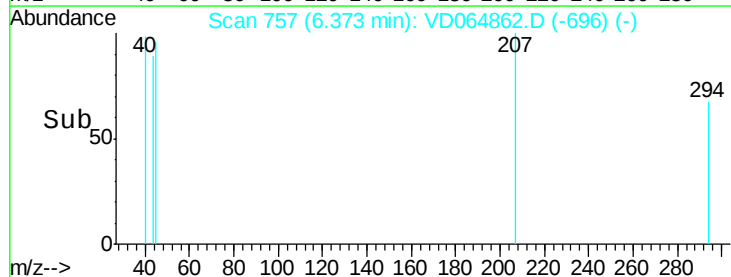
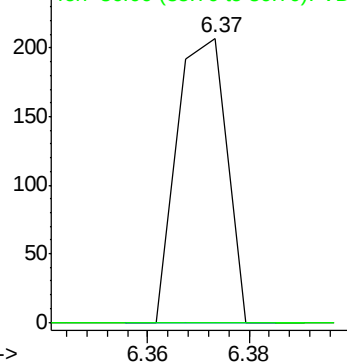
43 100

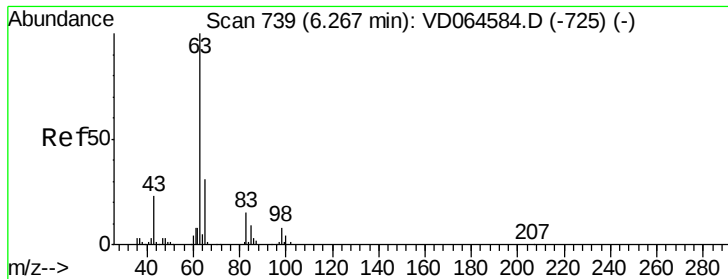
86 0.0 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC





#24

1,1-Dichloroethane

Concen: 3.52 ug/l

RT: 6.27 min Scan# 740

Delta R.T. 0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

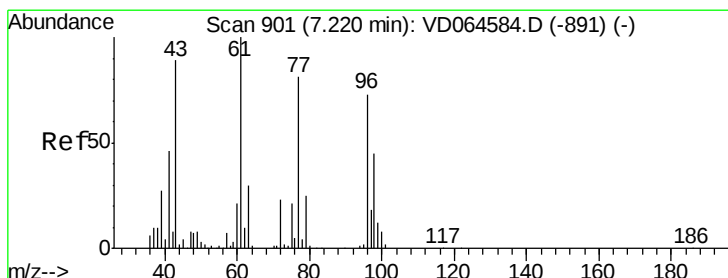
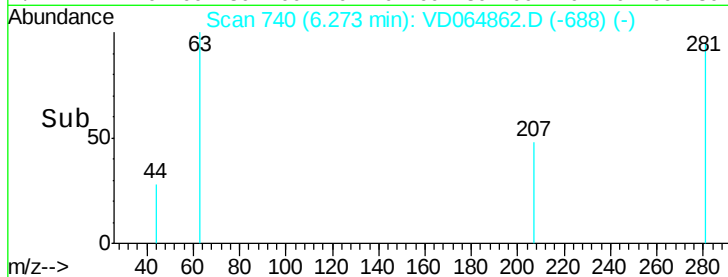
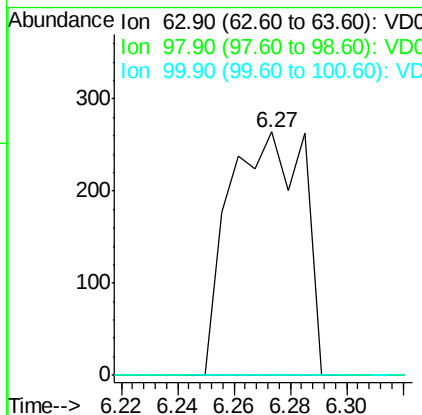
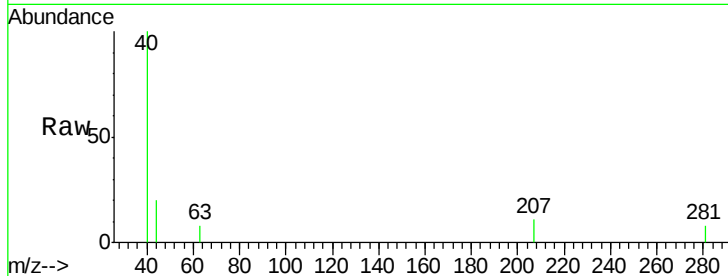
Instrument :

MSVOA_D

ClientSampleId :

EP-1

Tgt Ion:	63	Resp:	482
Ion	Ratio	Lower	Upper
63	100		
98	0.0	4.1	12.3#
100	0.0	2.2	6.6#



#25

2-Butanone

Concen: 5.29 ug/l

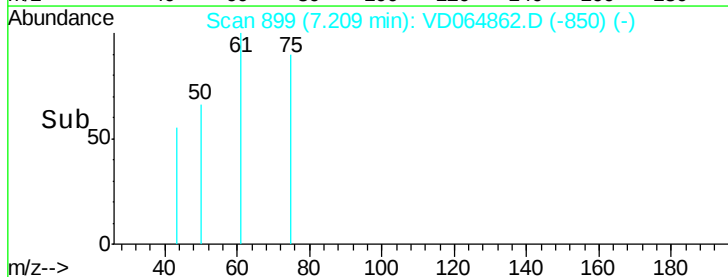
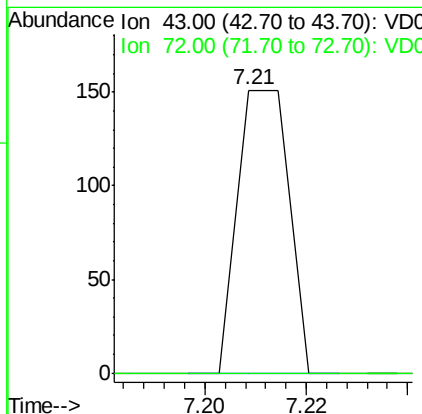
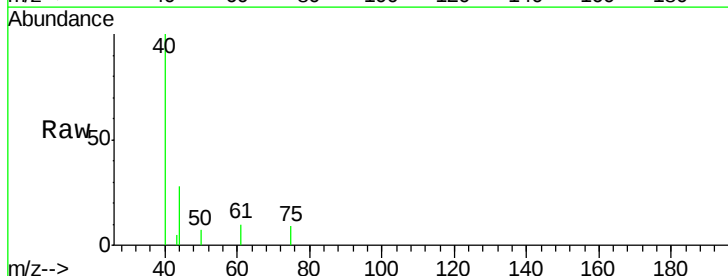
RT: 7.21 min Scan# 899

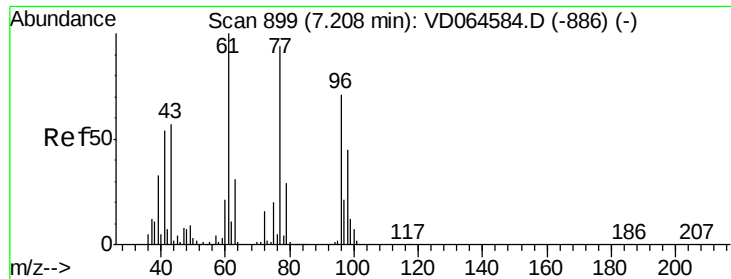
Delta R.T. -0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Tgt Ion:	43	Resp:	107
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.7	31.1#

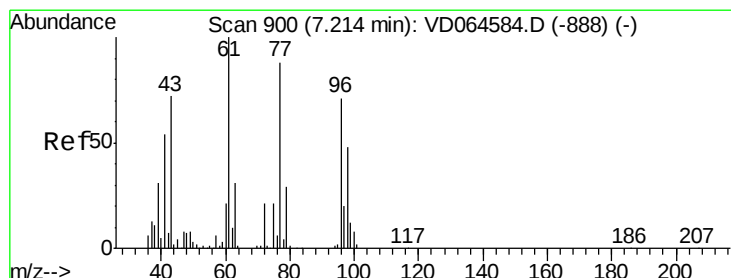
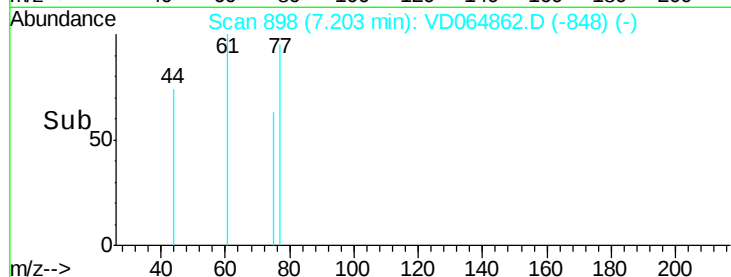
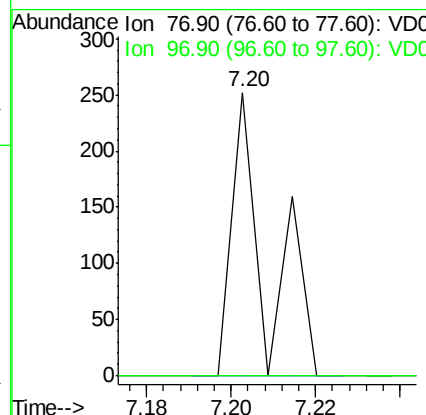
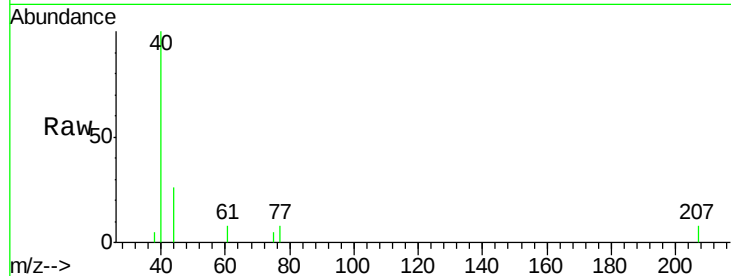




#26
 2,2-Dichloropropane
 Concen: 1.14 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD064862.D
 Acq: 17 Jan 2020 14:47

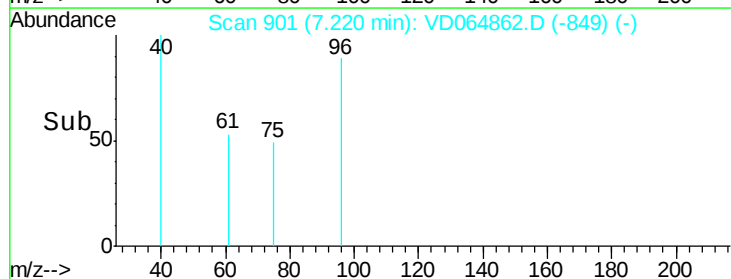
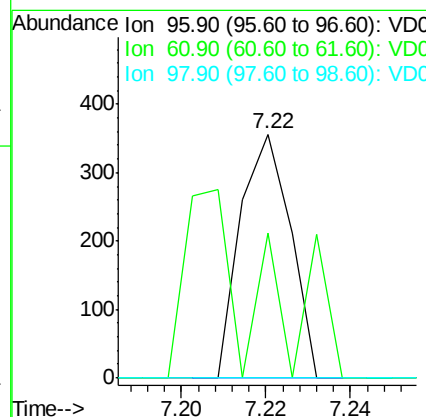
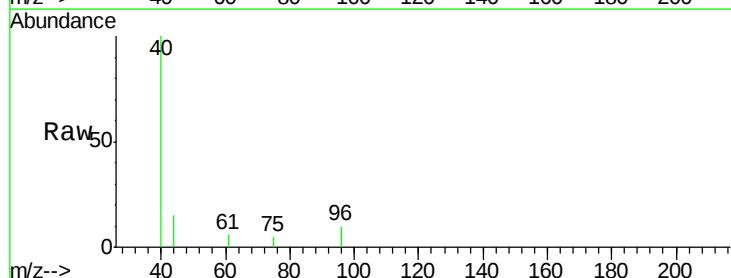
Instrument :
 MSVOA_D
 ClientSampled :
 EP-1

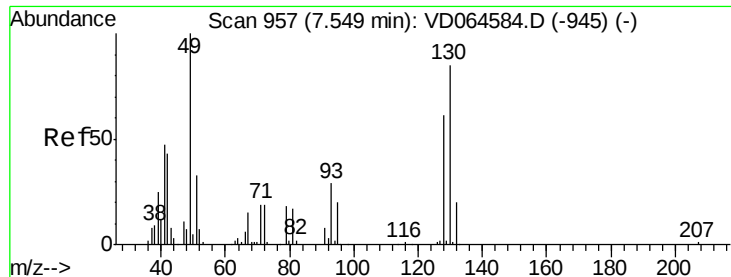
Tgt Ion: 77 Resp: 145
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.2 33.6#



#27
 cis-1,2-Dichloroethene
 Concen: 3.25 ug/l
 RT: 7.22 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VD064862.D
 Acq: 17 Jan 2020 14:47

Tgt Ion: 96 Resp: 293
 Ion Ratio Lower Upper
 96 100
 61 65.2 0.0 282.6
 98 0.0 0.0 130.8





#28

Bromochloromethane

Concen: 1.09 ug/l

RT: 7.41 min Scan# 934

Delta R.T. -0.13 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

EP-1

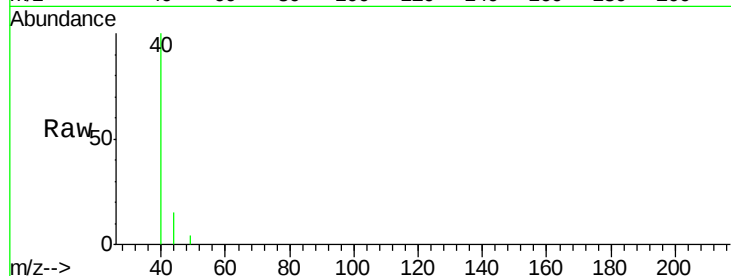
Tgt Ion: 49 Resp: 58

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

130 0.0 65.0 97.6#



Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): VDC

Ion 129.80 (129.50 to 130.50): VDC

7.41

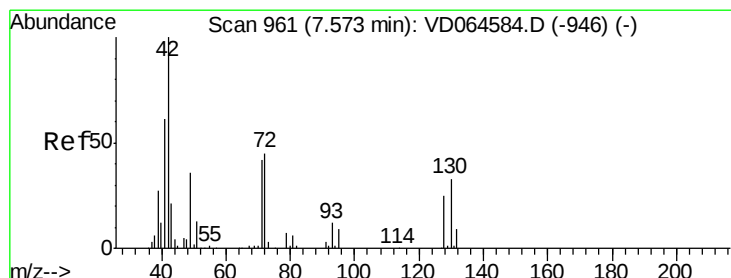
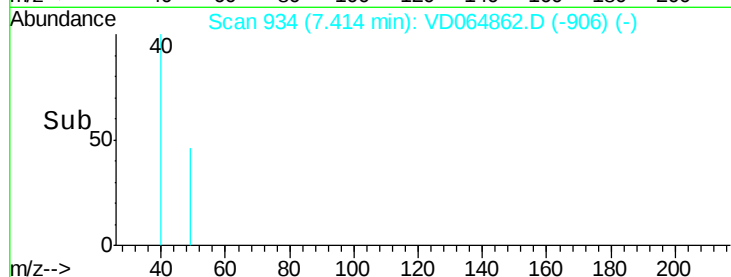
150

100

50

0

Time-->



#29

Tetrahydrofuran

Concen: 4.21 ug/l

RT: 7.59 min Scan# 963

Delta R.T. 0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

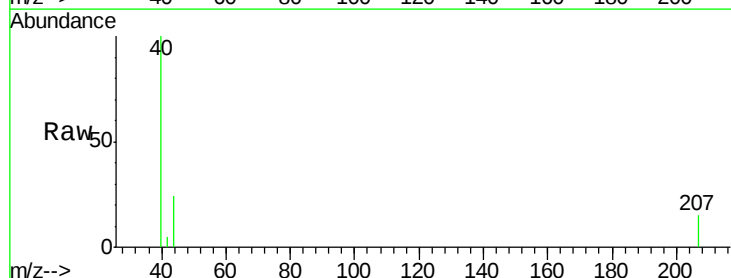
Tgt Ion: 42 Resp: 53

Ion Ratio Lower Upper

42 100

72 0.0 35.0 52.4#

71 0.0 32.9 49.3#



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

7.59

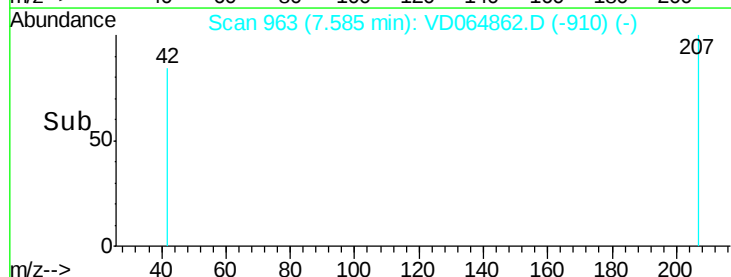
150

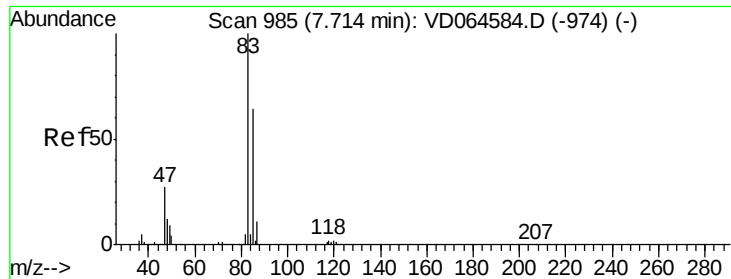
100

50

0

Time-->





#30

Chloroform

Concen: 1.34 ug/l

RT: 7.73 min Scan# 987

Delta R.T. 0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

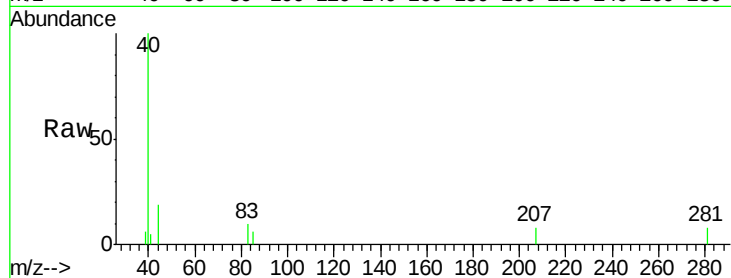
EP-1

Tgt Ion: 83 Resp: 193

Ion Ratio Lower Upper

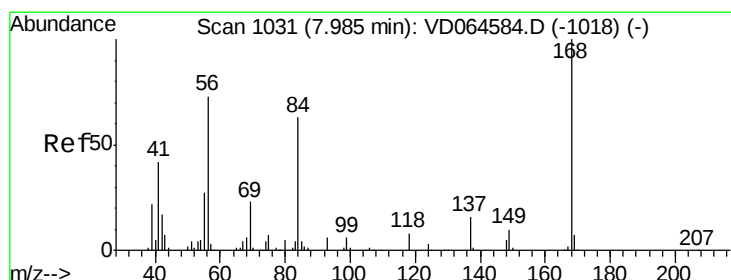
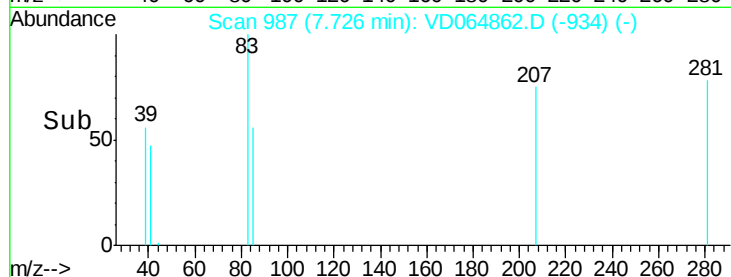
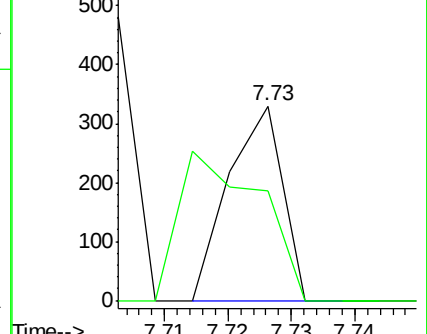
83 100

85 56.1 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC



#31

Cyclohexane

Concen: 6.23 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

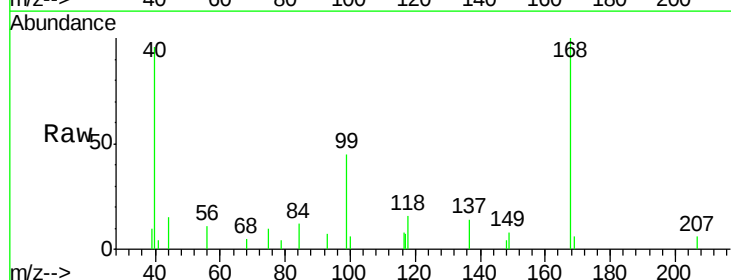
Tgt Ion: 56 Resp: 855

Ion Ratio Lower Upper

56 100

69 0.0 24.7 37.1#

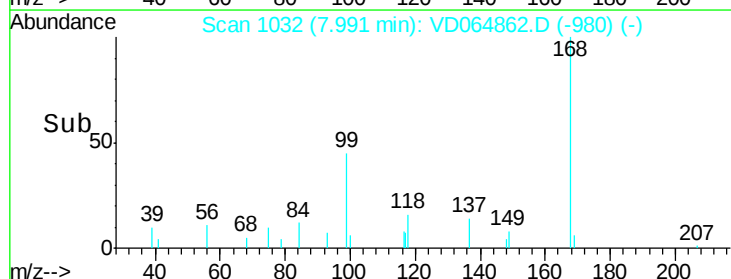
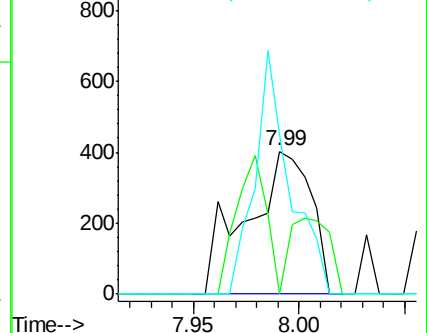
84 111.4 69.4 104.2#

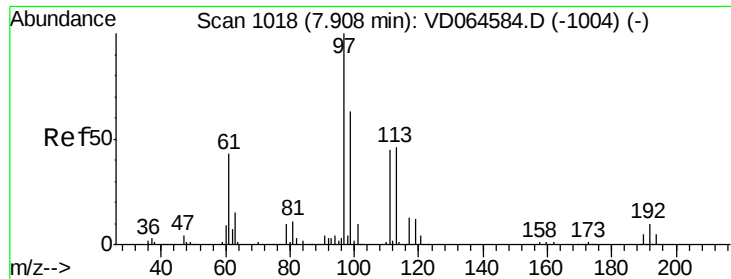


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC





#32

1,1,1-Trichloroethane

Concen: 2.20 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Instrument :

MSVOA_D

ClientSampled :

EP-1

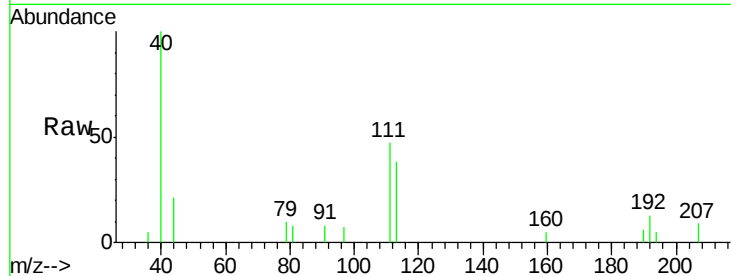
Tgt Ion: 97 Resp: 297

Ion Ratio Lower Upper

97 100

99 0.0 51.0 76.6#

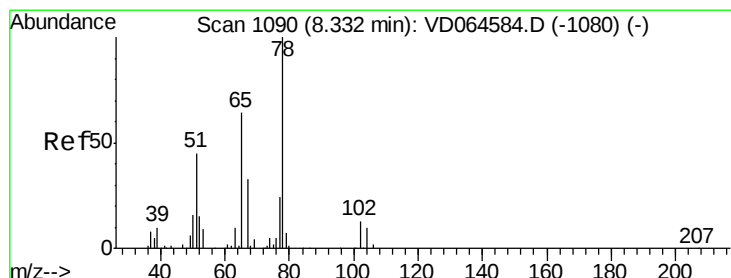
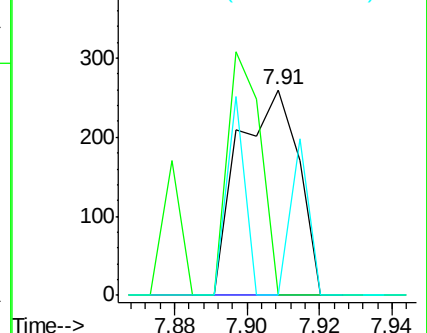
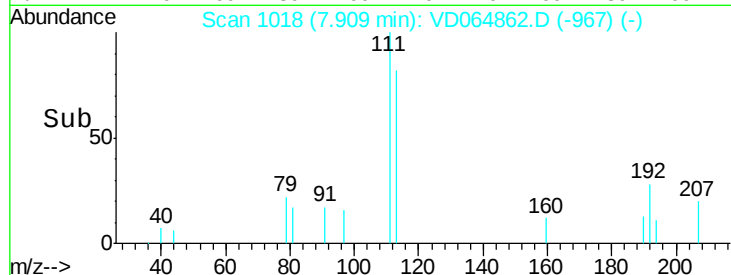
61 23.6 35.4 53.0#



Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

Ion 60.90 (60.60 to 61.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 75.21 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD064862.D

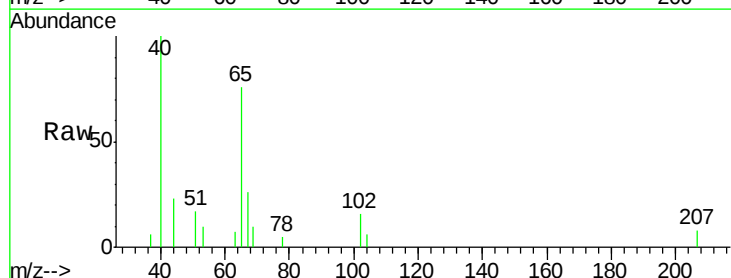
Acq: 17 Jan 2020 14:47

Tgt Ion: 65 Resp: 5536

Ion Ratio Lower Upper

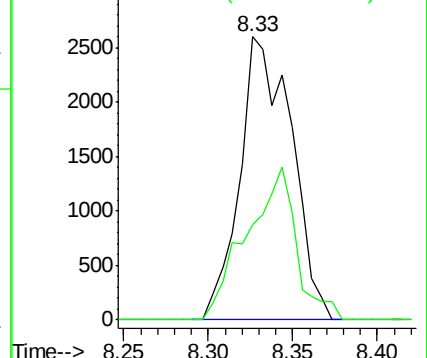
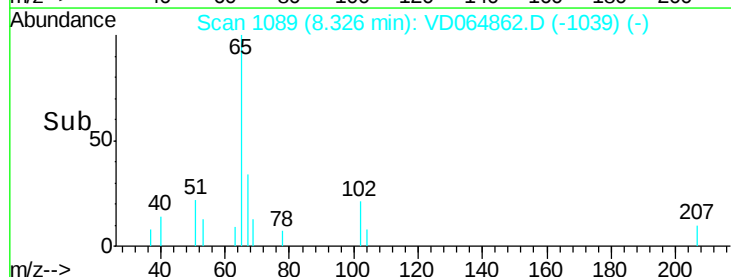
65 100

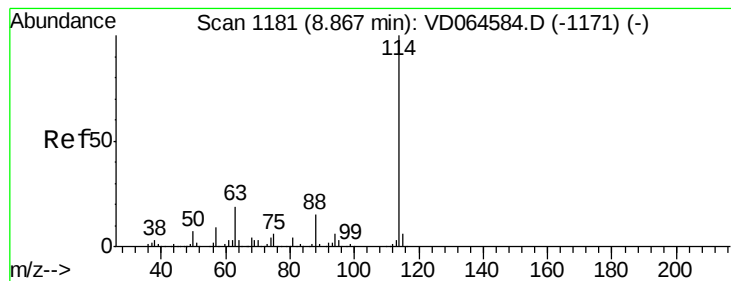
67 52.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

EP-1

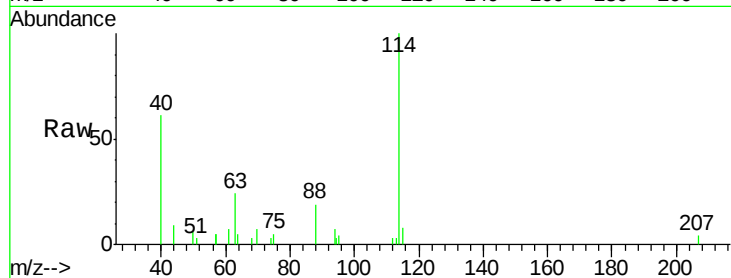
Tgt Ion:114 Resp: 11880

Ion Ratio Lower Upper

114 100

63 24.4 0.0 38.0

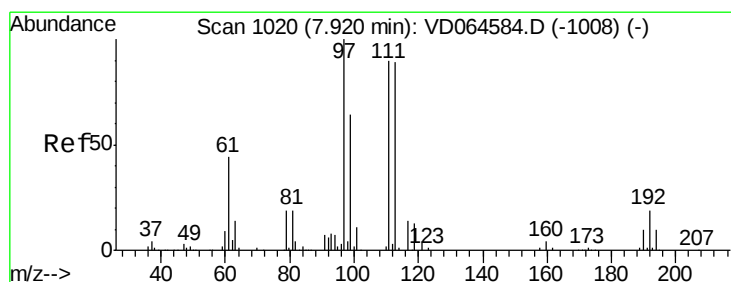
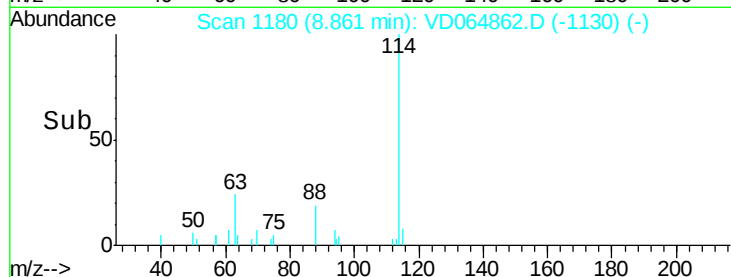
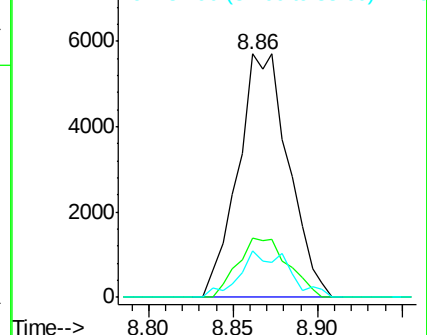
88 19.2 0.0 29.2



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: 68.39 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

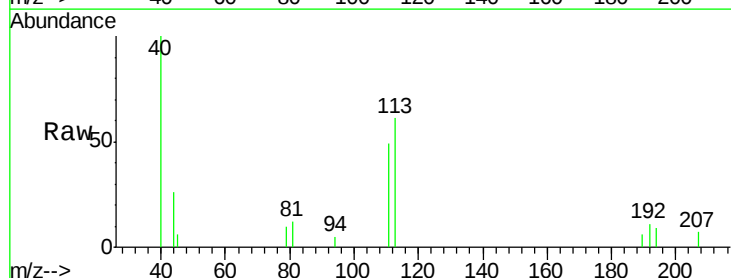
Tgt Ion:113 Resp: 4985

Ion Ratio Lower Upper

113 100

111 87.3 80.6 121.0

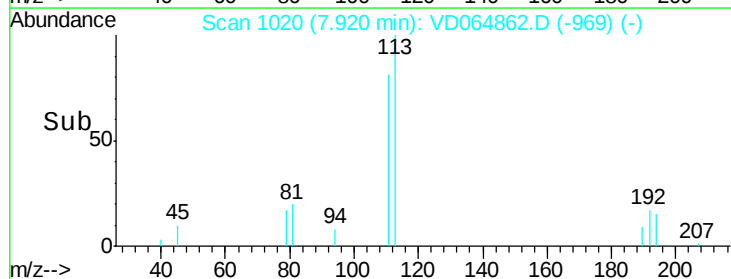
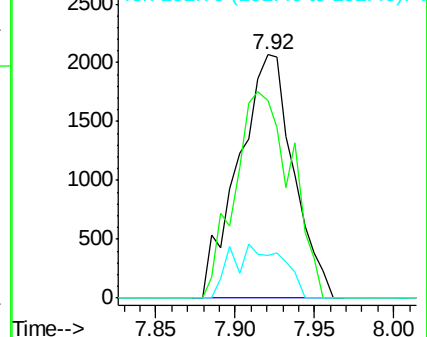
192 20.7 17.9 26.9

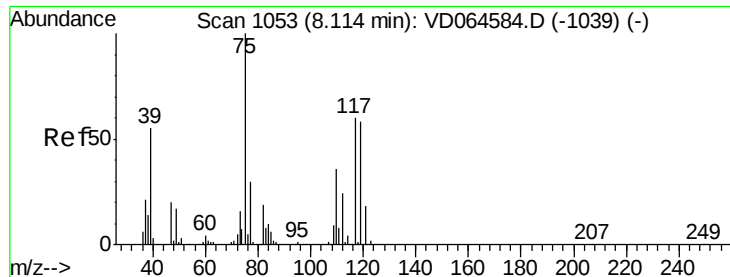


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

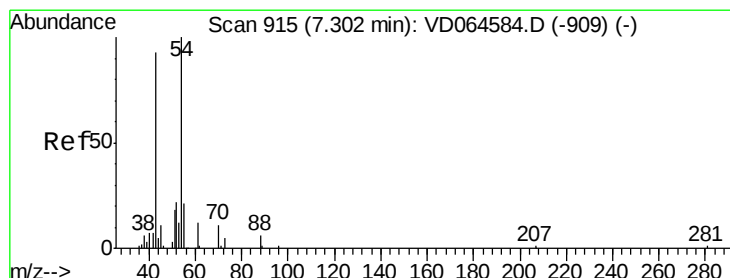
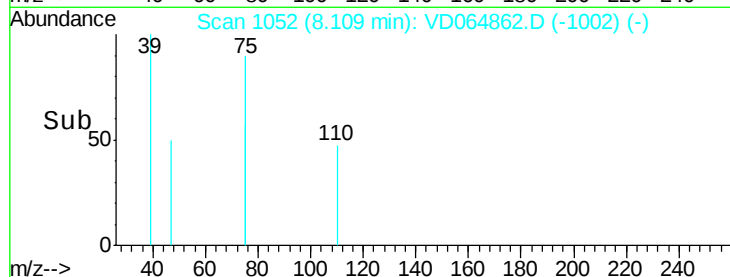
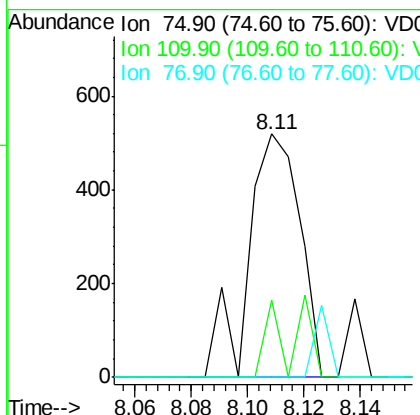
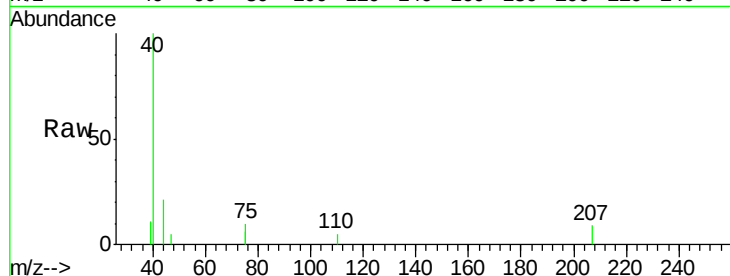




#36
 1,1-Dichloropropene
 Concen: 5.76 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD064862.D
 Acq: 17 Jan 2020 14:47

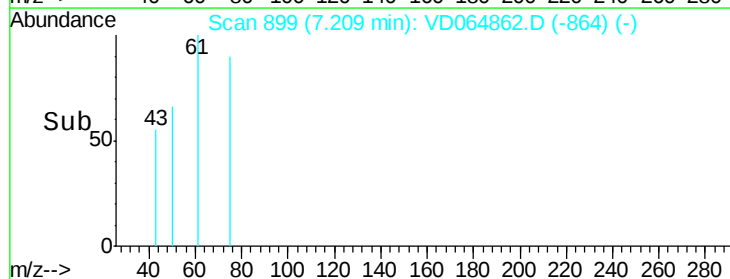
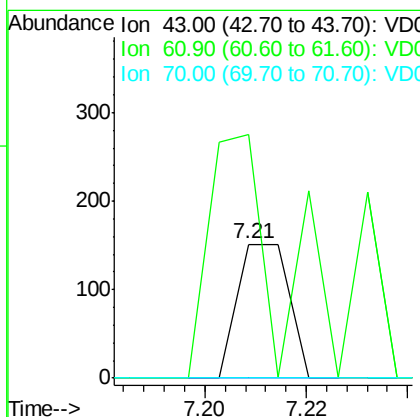
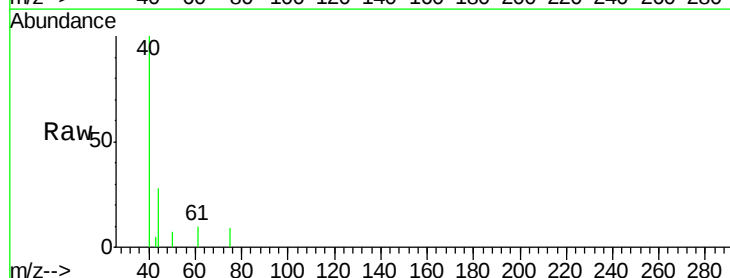
Instrument :
 MSVOA_D
 ClientSampled :
 EP-1

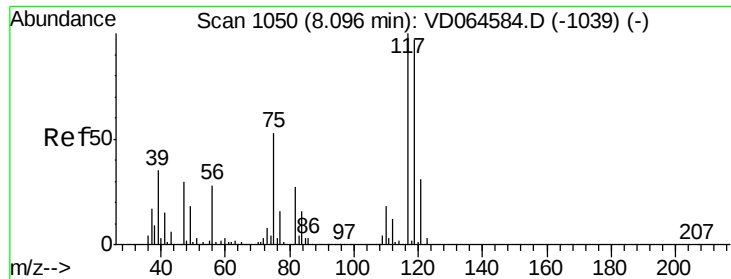
Tgt Ion: 75 Resp: 659
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.1 54.1#
 77 0.0 24.2 36.4#



#37
 Ethyl Acetate
 Concen: 2.38 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.09 min
 Lab File: VD064862.D
 Acq: 17 Jan 2020 14:47

Tgt Ion: 43 Resp: 107
 Ion Ratio Lower Upper
 43 100
 61 178.5 10.3 15.5#
 70 0.0 7.6 11.4#

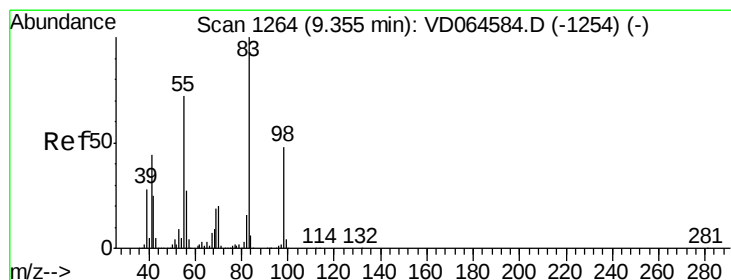
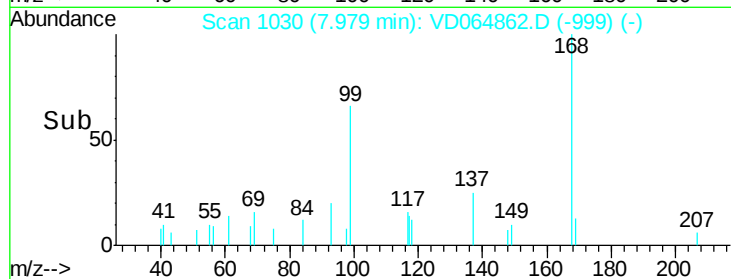
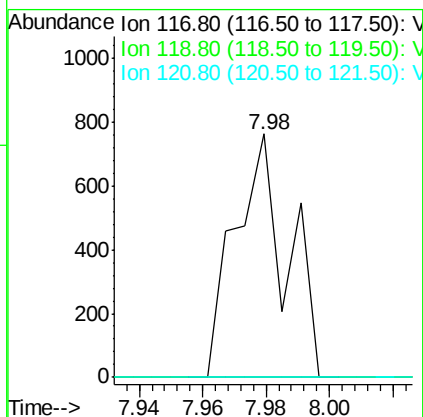
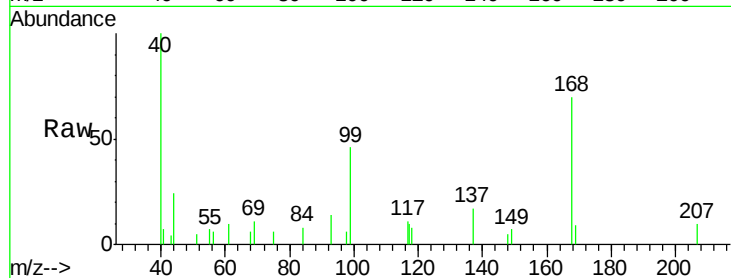




#38
Carbon Tetrachloride
Concen: 7.09 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

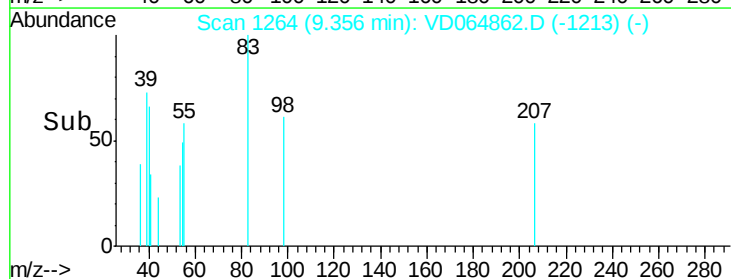
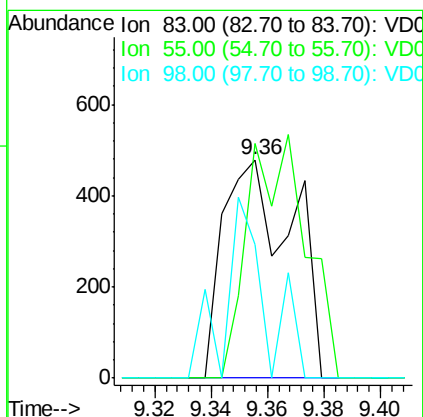
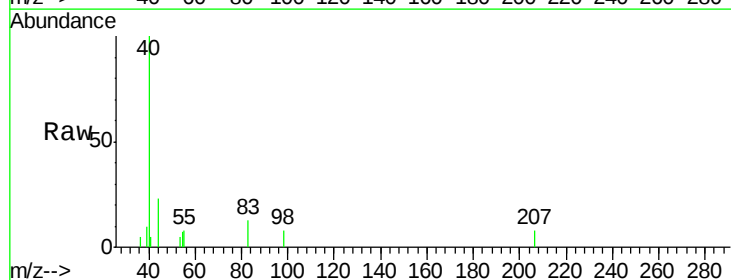
Instrument :
MSVOA_D
ClientSampleId :
EP-1

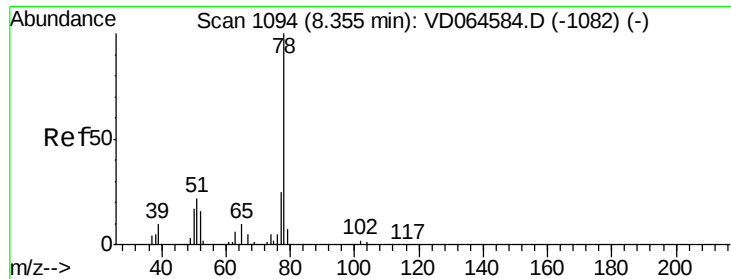
Tgt Ion: 117 Resp: 865
Ion Ratio Lower Upper
117 100
119 0.0 77.3 115.9#
121 0.0 25.0 37.6#



#39
Methylcyclohexane
Concen: 5.84 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

Tgt Ion: 83 Resp: 809
Ion Ratio Lower Upper
83 100
55 107.5 57.8 86.6#
98 61.0 38.7 58.1#





#40

Benzene

Concen: 4.59 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Instrument :

MSVOA_D

ClientSampled :

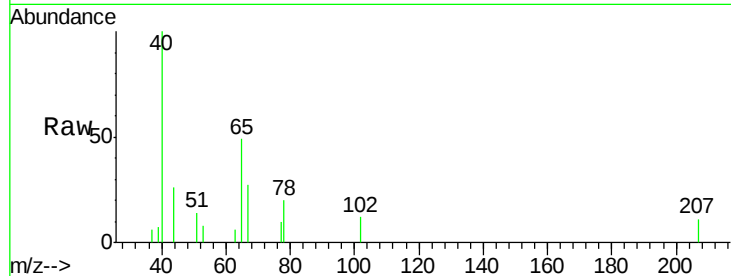
EP-1

Tgt Ion: 78 Resp: 1433

Ion Ratio Lower Upper

78 100

77 49.5 19.9 29.9#



Abundance Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC

8.35

600

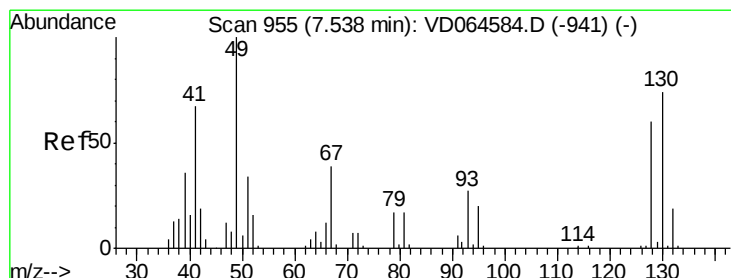
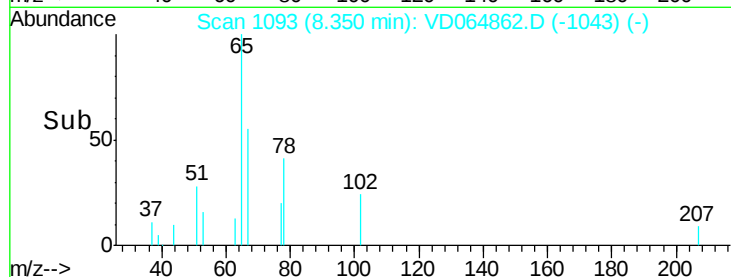
400

200

0

8.30 8.35 8.40

Time-->



#41

Methacrylonitrile

Concen: 4.03 ug/l

RT: 7.51 min Scan# 950

Delta R.T. -0.03 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Tgt Ion: 41 Resp: 105

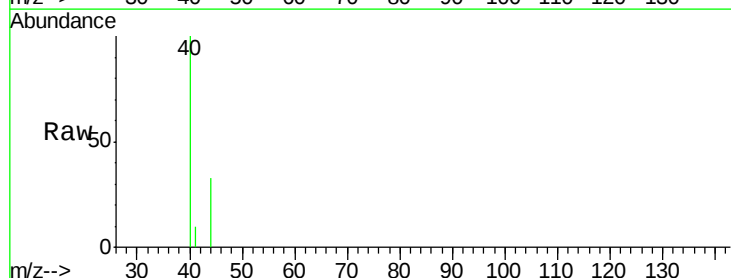
Ion Ratio Lower Upper

41 100

39 59.0 46.7 70.1

67 0.0 52.5 78.7#

52 0.0 24.1 36.1#



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

7.51

400

300

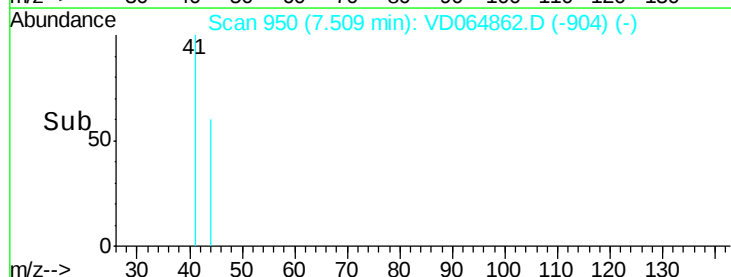
200

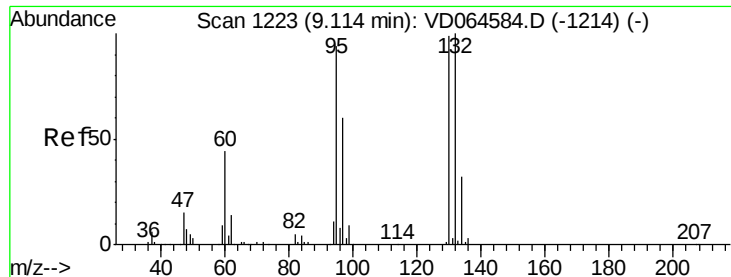
100

0

7.49 7.50 7.51 7.52

Time-->





#44

Trichloroethene

Concen: 7.07 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

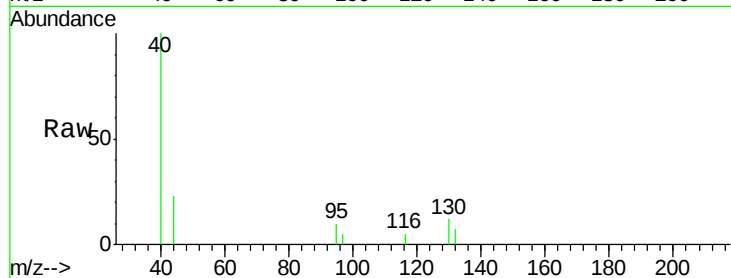
EP-1

Tgt Ion:130 Resp: 648

Ion Ratio Lower Upper

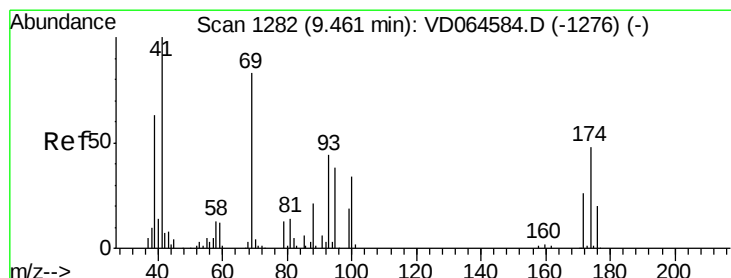
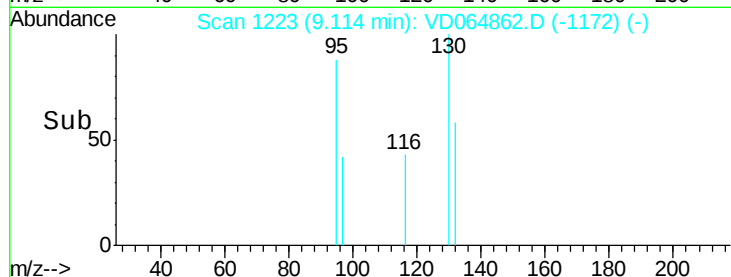
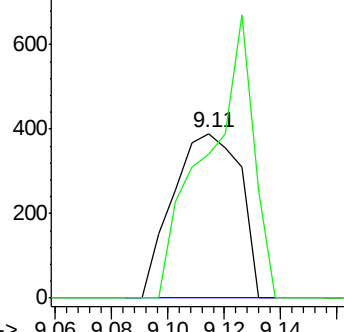
130 100

95 87.9 0.0 190.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#48

Methyl methacrylate

Concen: 4.11 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

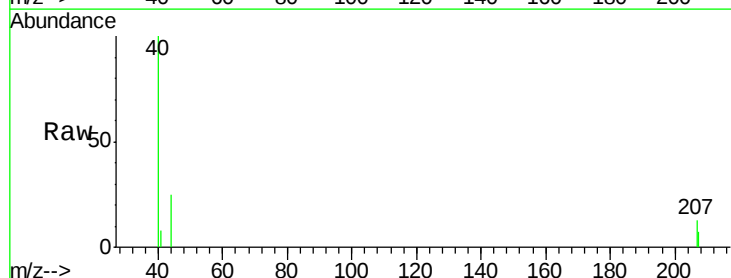
Tgt Ion: 41 Resp: 173

Ion Ratio Lower Upper

41 100

69 0.0 63.0 94.6#

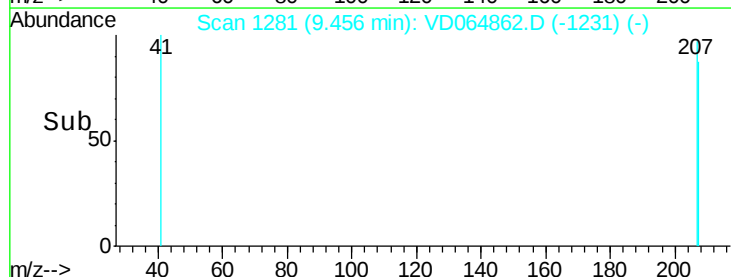
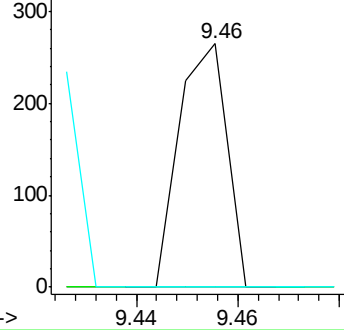
39 0.0 47.4 71.2#

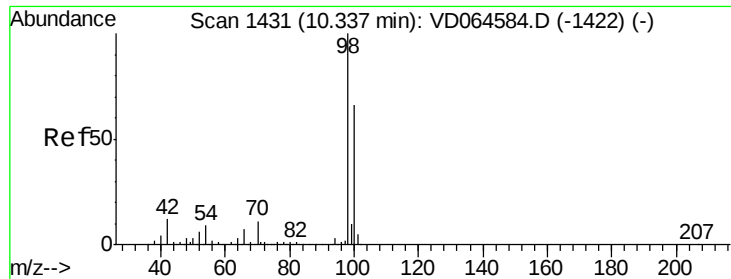


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#50

Toluene-d8

Concen: 55.70 ug/l

RT: 10.35 min Scan# 1433

Delta R.T. 0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

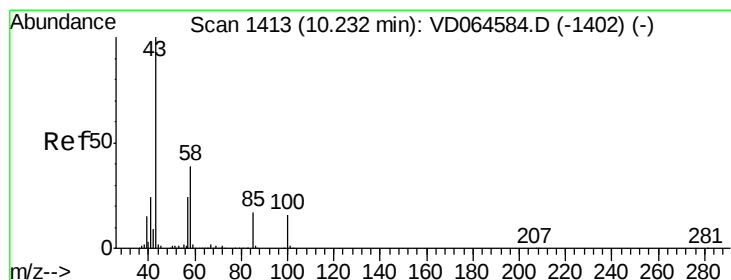
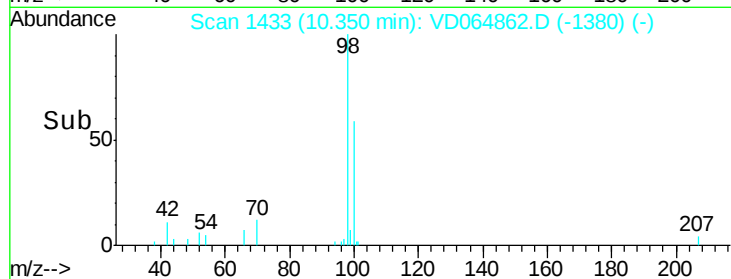
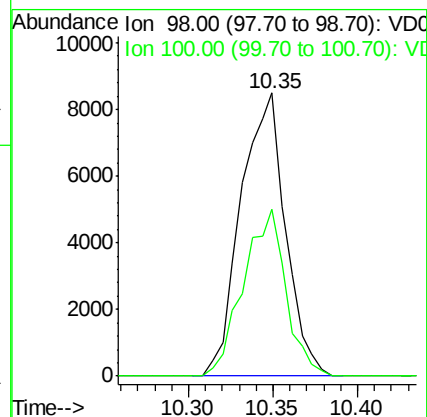
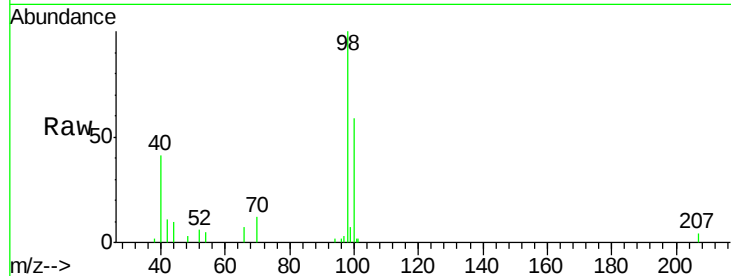
EP-1

Tgt Ion: 98 Resp: 15549

Ion Ratio Lower Upper

98 100

100 56.4 51.7 77.5



#51

4-Methyl-2-Pentanone

Concen: 10.39 ug/l

RT: 10.24 min Scan# 1414

Delta R.T. 0.01 min

Lab File: VD064862.D

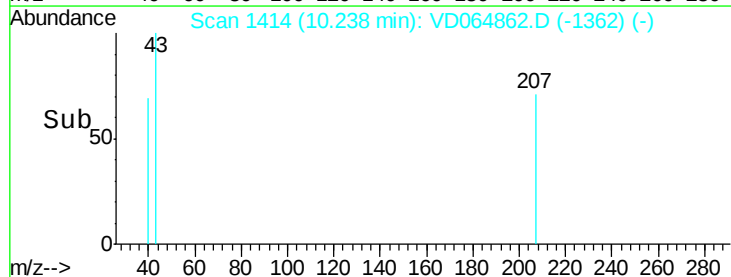
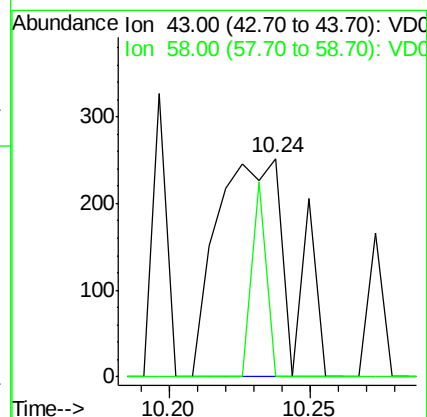
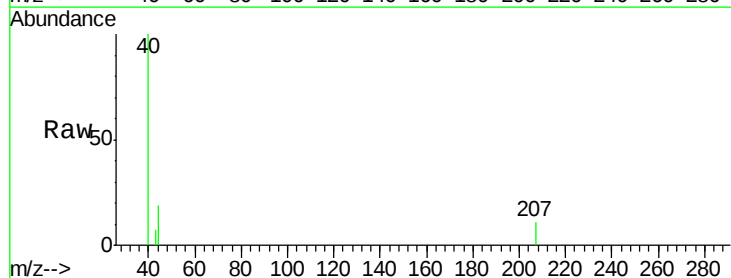
Acq: 17 Jan 2020 14:47

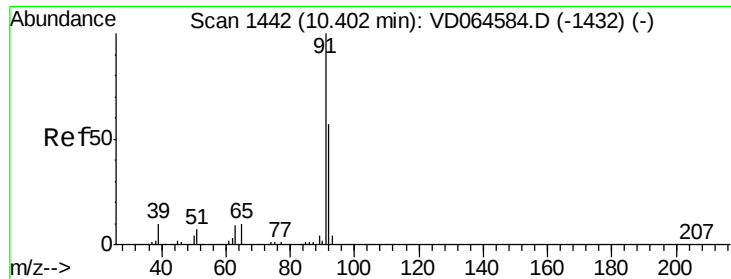
Tgt Ion: 43 Resp: 459

Ion Ratio Lower Upper

43 100

58 17.2 30.2 45.2#





#52

Toluene

Concen: 4.17 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

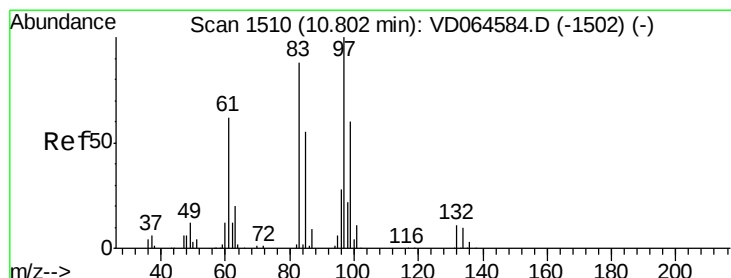
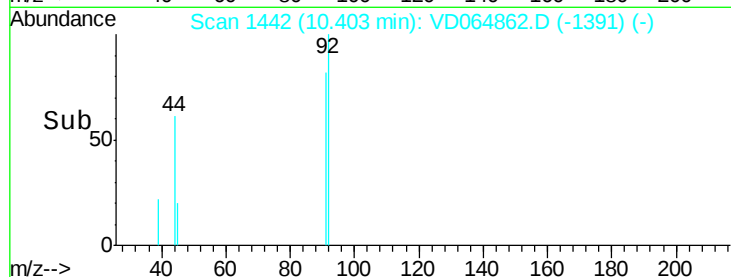
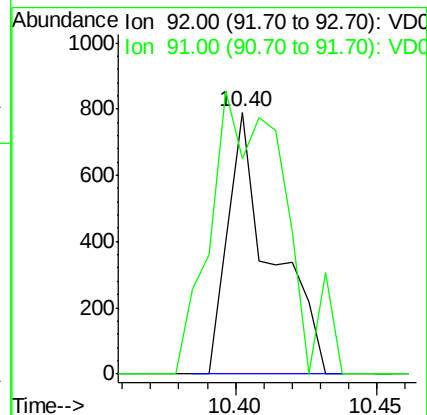
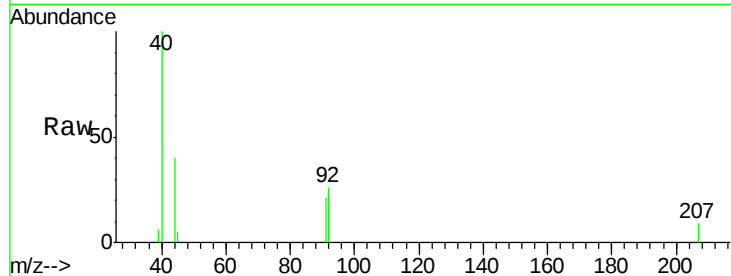
EP-1

Tgt Ion: 92 Resp: 855

Ion Ratio Lower Upper

92 100

91 180.5 138.7 208.1



#55

1,1,2-Trichloroethane

Concen: 1.13 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Tgt Ion: 97 Resp: 63

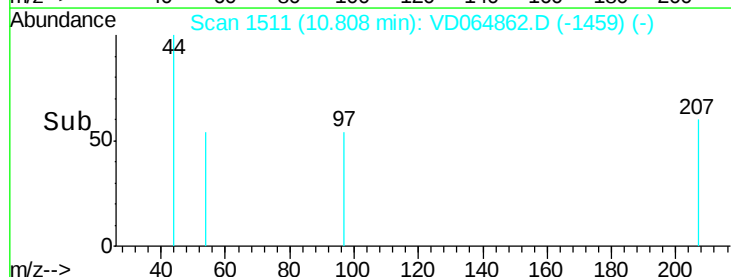
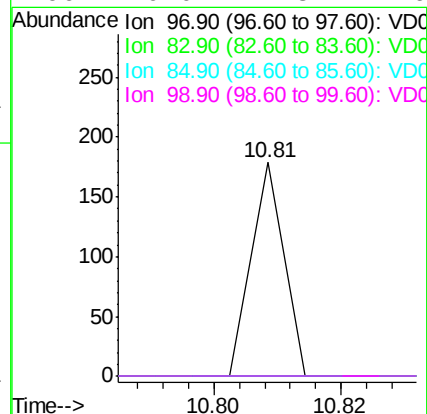
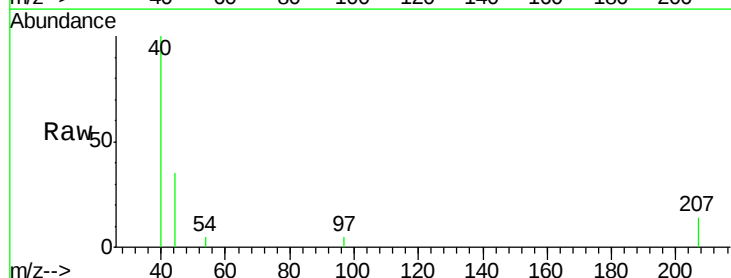
Ion Ratio Lower Upper

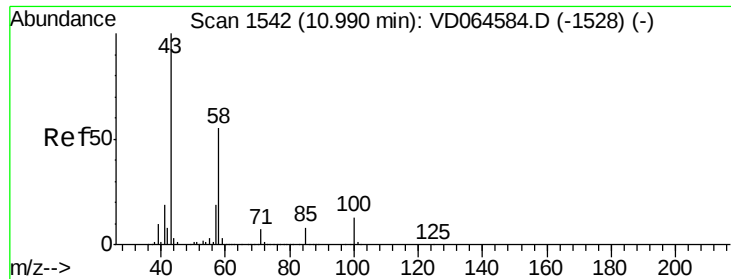
97 100

83 0.0 70.2 105.4#

85 0.0 44.0 66.0#

99 0.0 47.8 71.6#

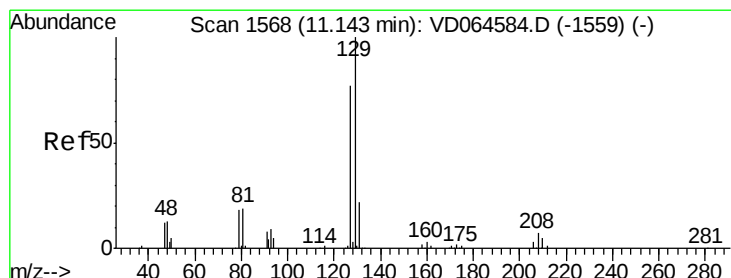
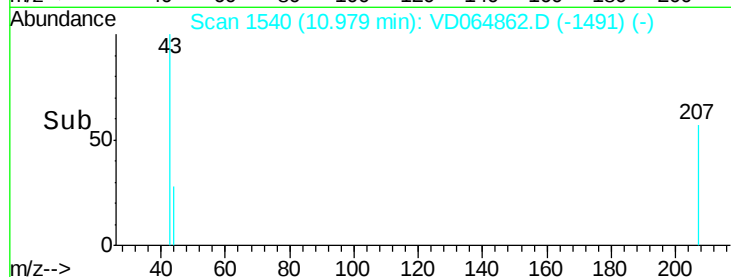
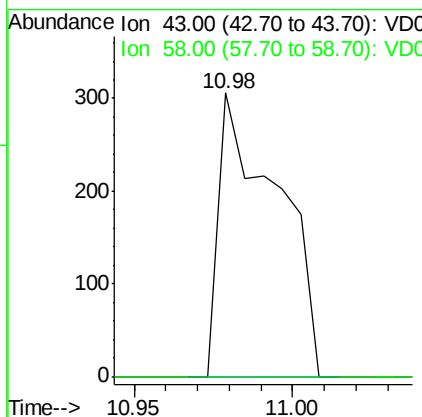
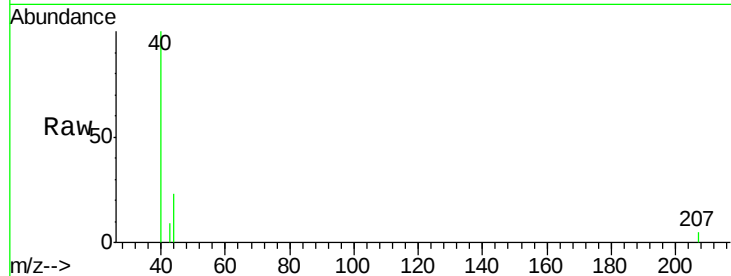




#59
2-Hexanone
Concen: 13.14 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

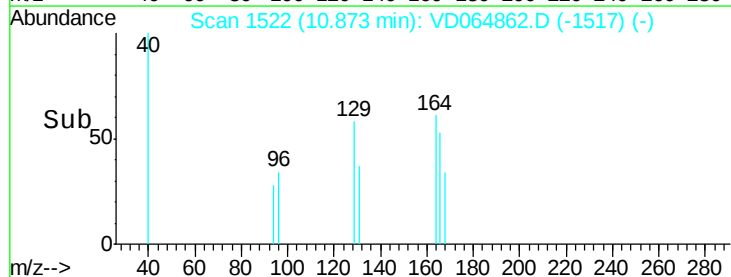
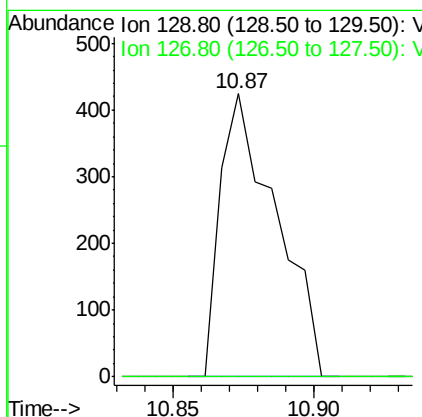
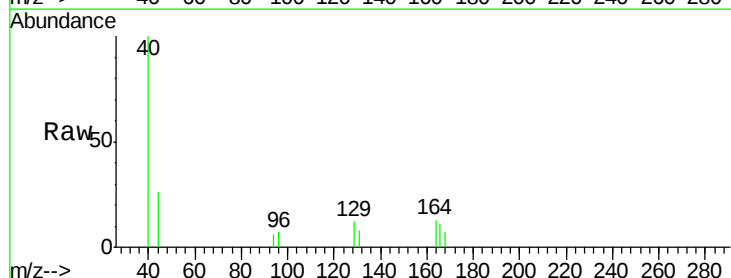
Instrument :
MSVOA_D
ClientSampleId :
EP-1

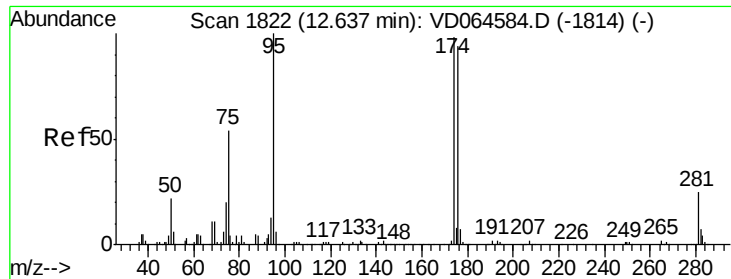
Tgt Ion: 43 Resp: 394
Ion Ratio Lower Upper
43 100
58 0.0 26.4 79.0#



#60
Dibromochloromethane
Concen: 7.52 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.27 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

Tgt Ion: 129 Resp: 582
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

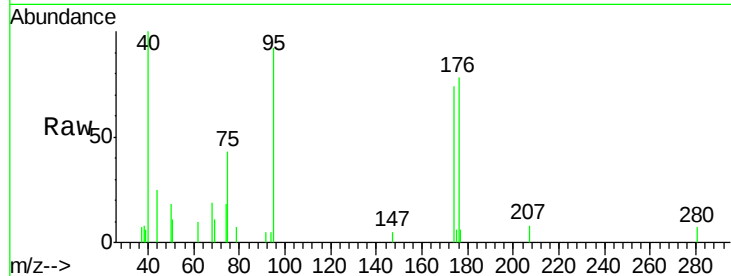




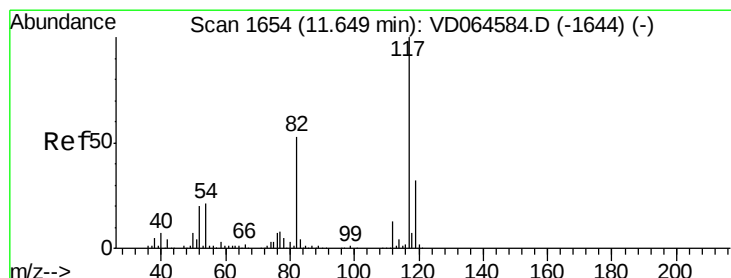
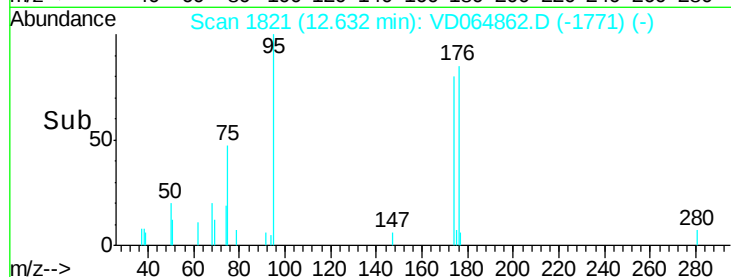
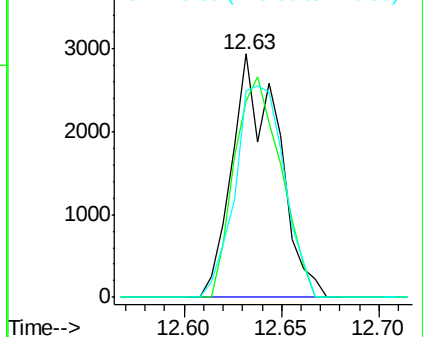
#62
4-Bromofluorobenzene
Concen: 54.31 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

Instrument :
MSVOA_D
ClientSampleId :
EP-1

Tgt Ion: 95 Resp: 4794
Ion Ratio Lower Upper
95 100
174 91.2 0.0 193.2
176 92.6 0.0 184.2

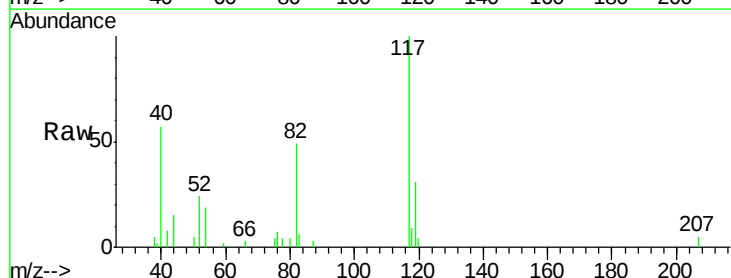


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

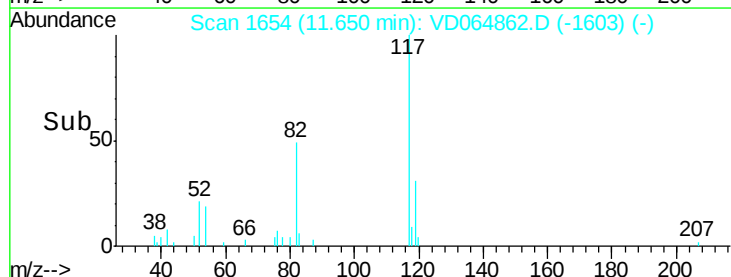
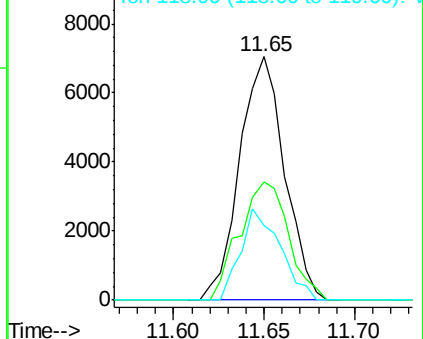


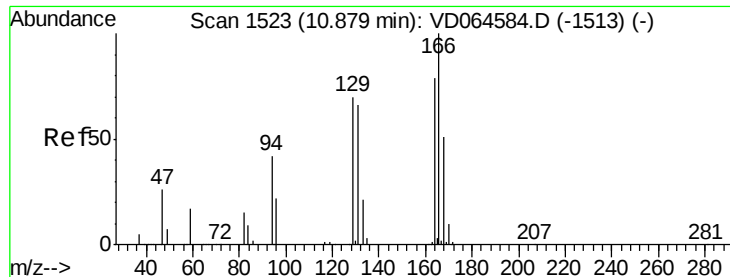
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

Tgt Ion: 117 Resp: 12150
Ion Ratio Lower Upper
117 100
82 48.7 42.2 63.4
119 30.9 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

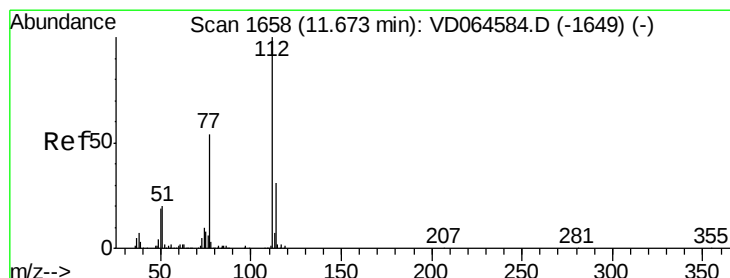
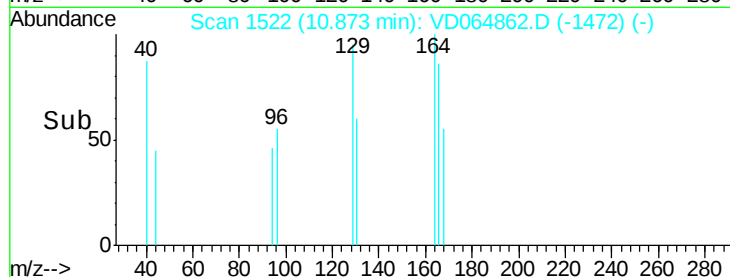
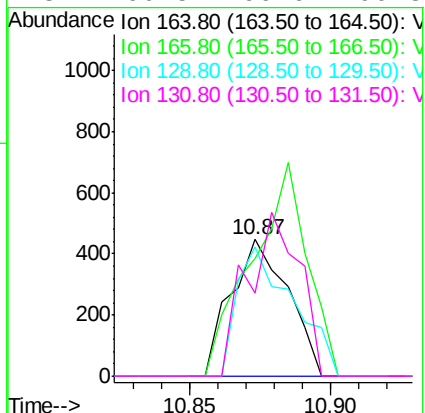
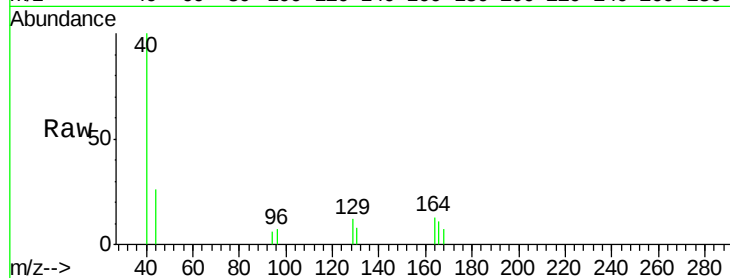




#64
Tetrachloroethene
Concen: 6.74 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.01 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

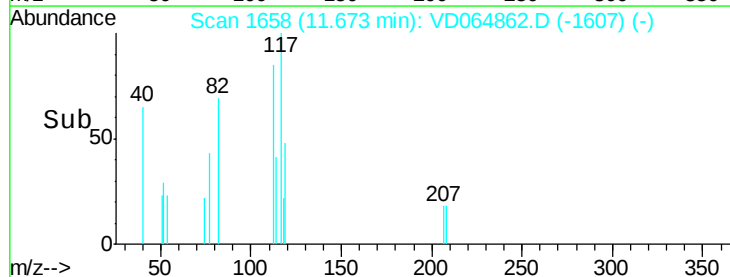
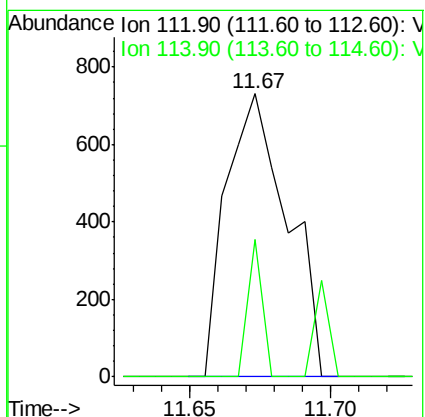
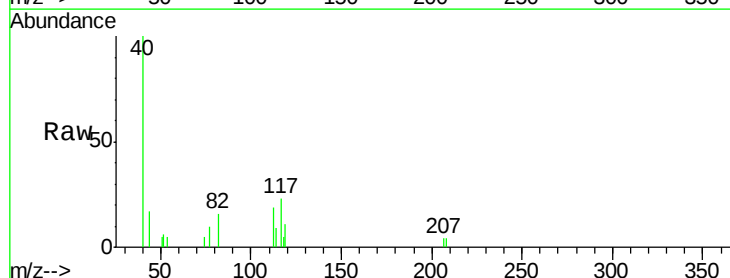
Instrument :
MSVOA_D
ClientSampleId :
EP-1

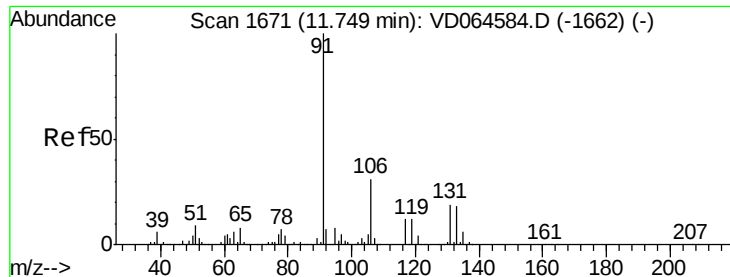
Tgt Ion:164 Resp: 628
Ion Ratio Lower Upper
164 100
166 86.2 101.3 151.9#
129 94.6 70.5 105.7
131 60.5 66.6 99.8#



#65
Chlorobenzene
Concen: 4.35 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

Tgt Ion:112 Resp: 1096
Ion Ratio Lower Upper
112 100
114 48.6 24.8 37.2#





#67

Ethyl Benzene

Concen: 3.58 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Instrument :

MSVOA_D

ClientSampled :

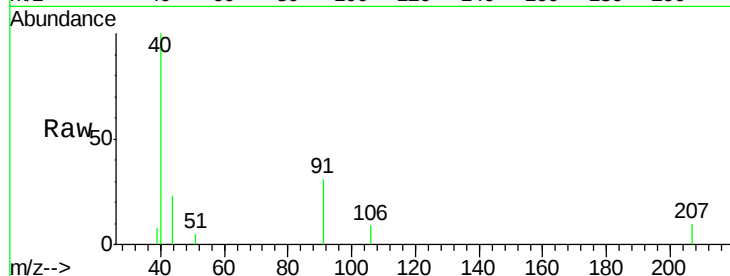
EP-1

Tgt Ion: 91 Resp: 1640

Ion Ratio Lower Upper

91 100

106 29.6 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

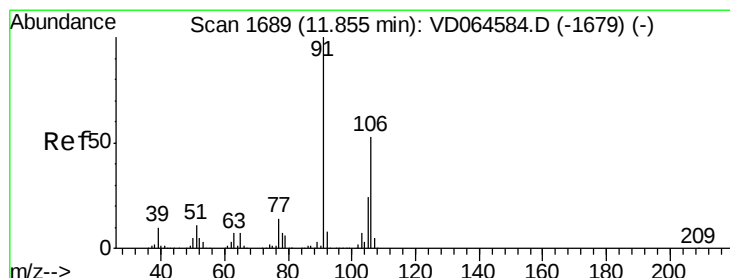
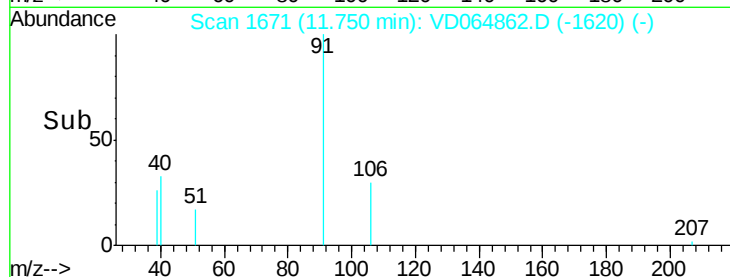
11.75

1000

500

0

Time--> 11.70 11.75



#68

m/p-Xylenes

Concen: 5.99 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD064862.D

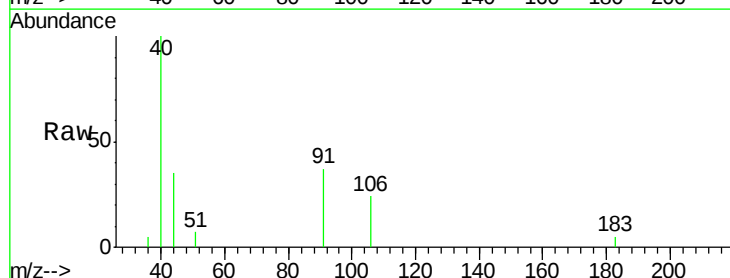
Acq: 17 Jan 2020 14:47

Tgt Ion: 106 Resp: 1058

Ion Ratio Lower Upper

106 100

91 202.9 156.3 234.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

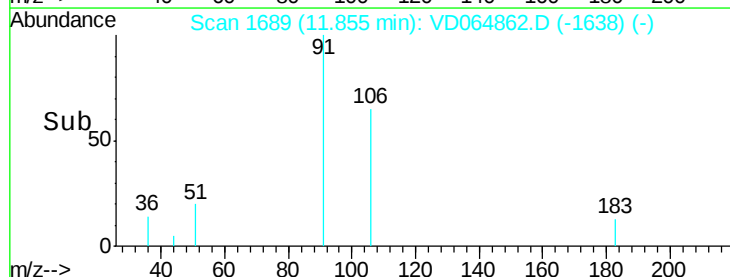
11.86

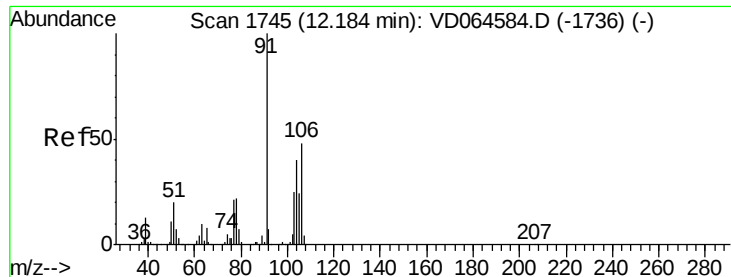
1000

500

0

Time--> 11.85 11.90

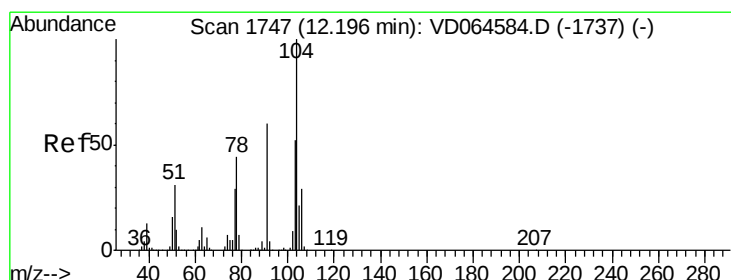
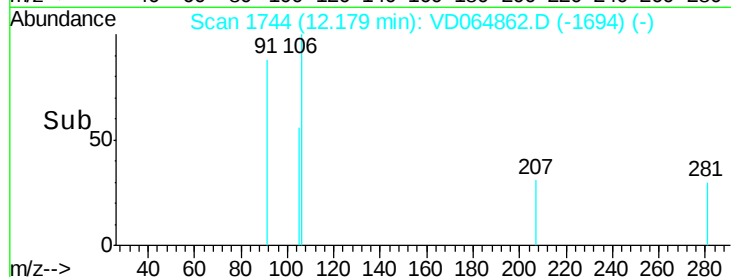
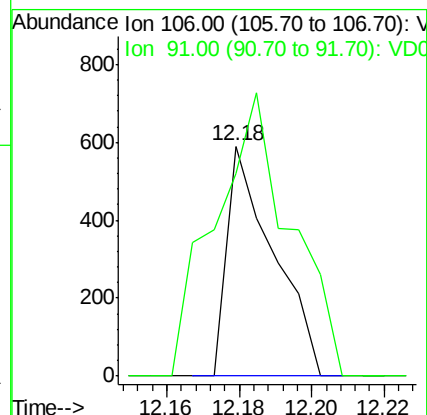
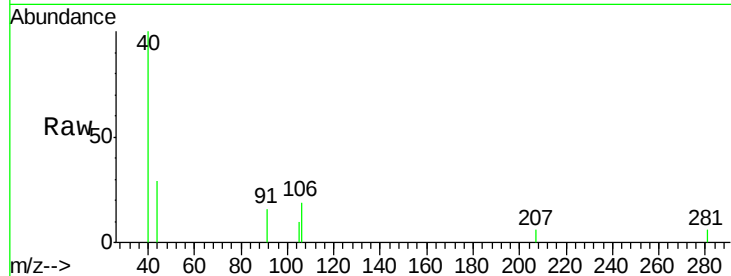




#69
o-Xylene
Concen: 3.32 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.01 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

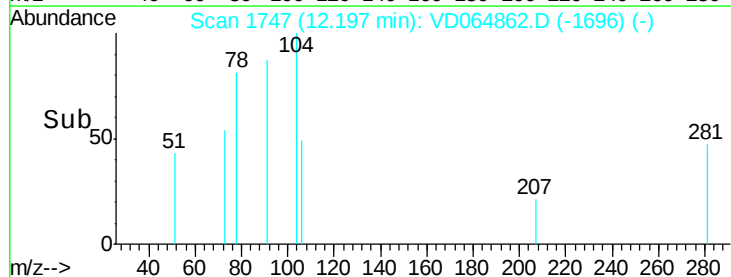
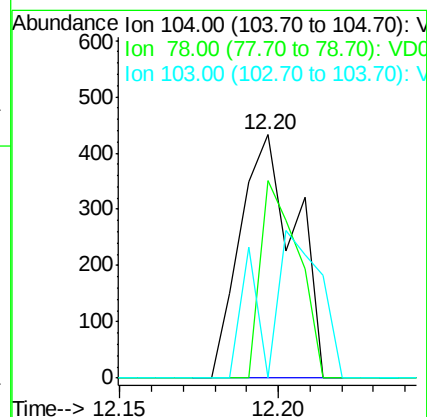
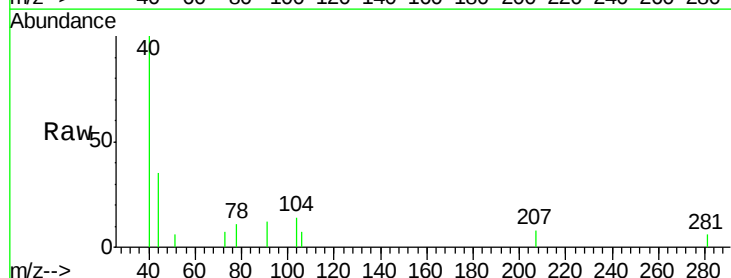
Instrument :
MSVOA_D
ClientSampled :
EP-1

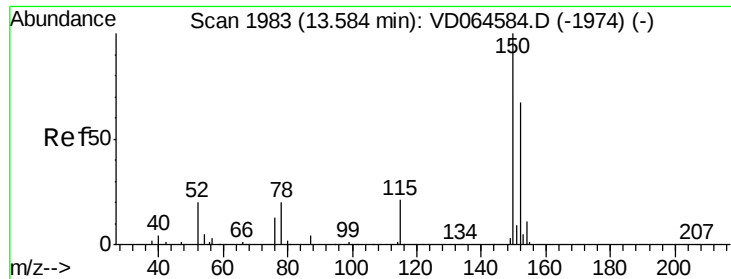
Tgt Ion:106 Resp: 529
Ion Ratio Lower Upper
106 100
91 199.4 104.8 314.4



#70
Styrene
Concen: 1.86 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

Tgt Ion:104 Resp: 522
Ion Ratio Lower Upper
104 100
78 55.9 38.2 57.2
103 60.7 44.6 67.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

EP-1

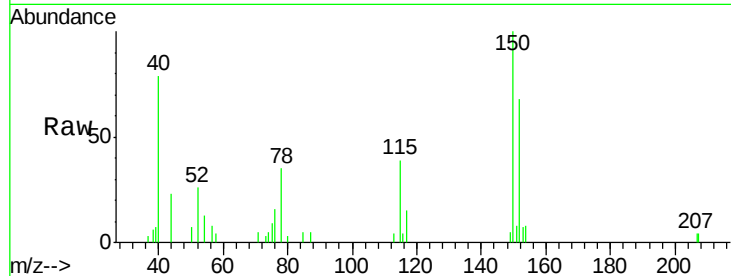
Tgt Ion:152 Resp: 5387

Ion Ratio Lower Upper

152 100

115 61.2 27.8 83.4

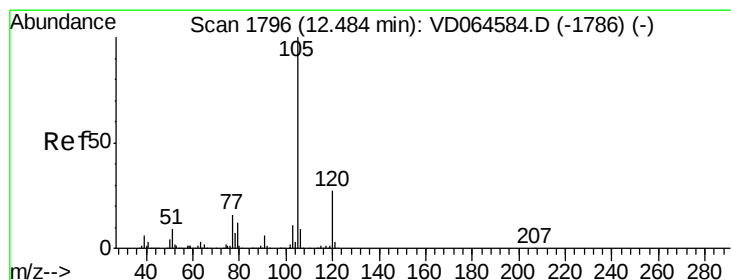
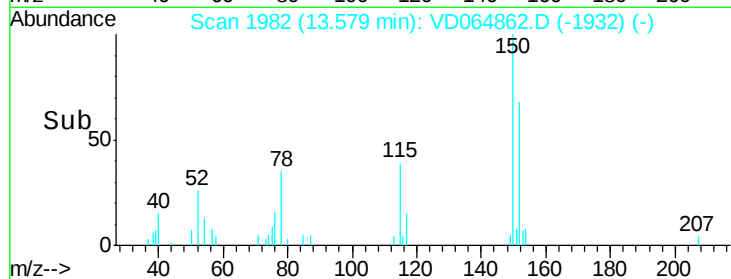
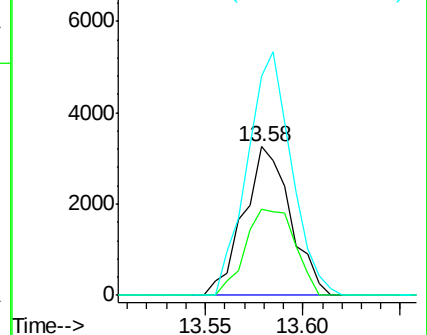
150 155.6 0.0 351.4



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: 3.81 ug/l

RT: 12.49 min Scan# 1797

Delta R.T. 0.01 min

Lab File: VD064862.D

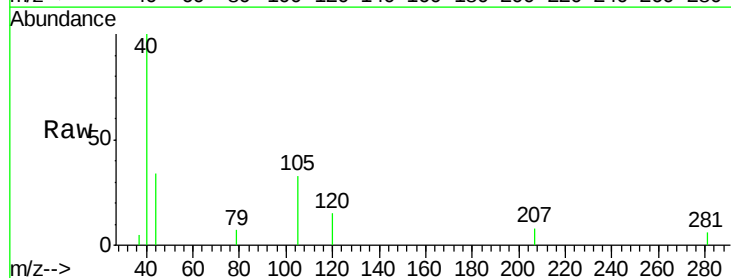
Acq: 17 Jan 2020 14:47

Tgt Ion:105 Resp: 1465

Ion Ratio Lower Upper

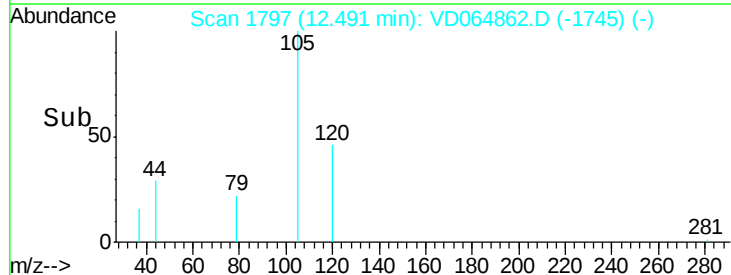
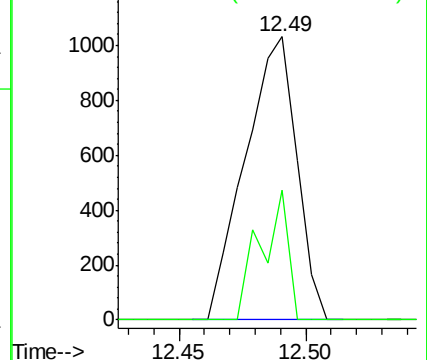
105 100

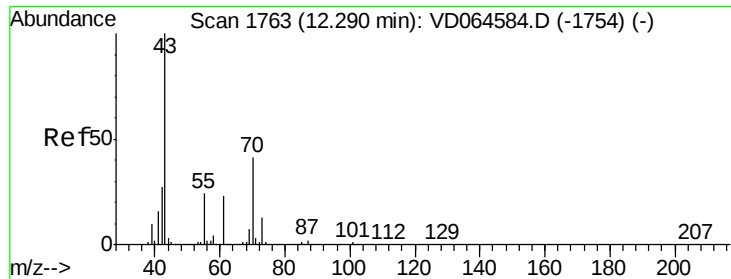
120 24.3 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

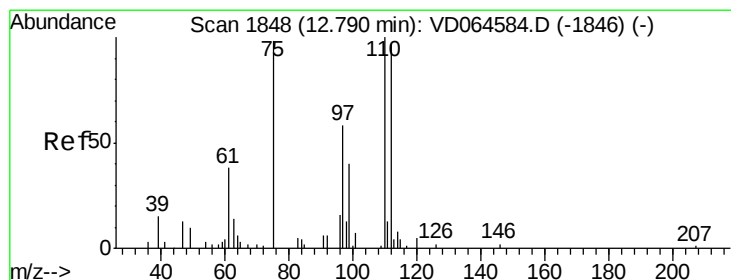
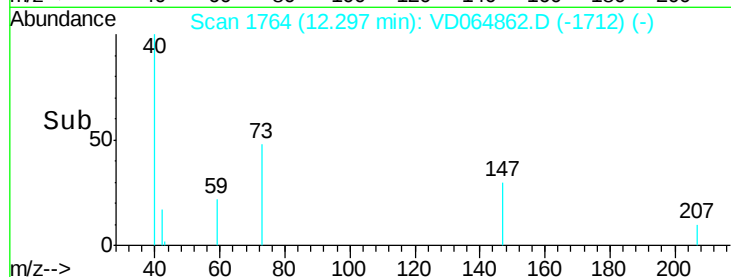
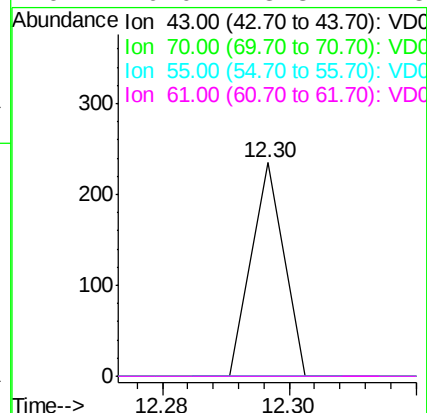
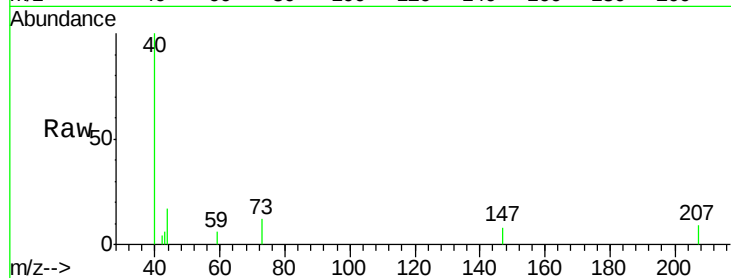




#74
N-amyI acetate
Concen: 1.01 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

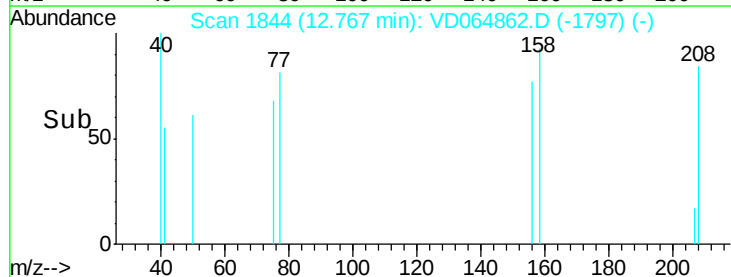
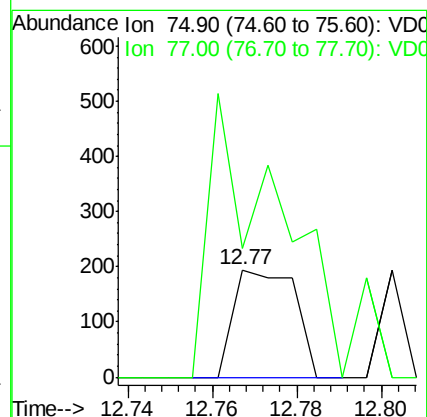
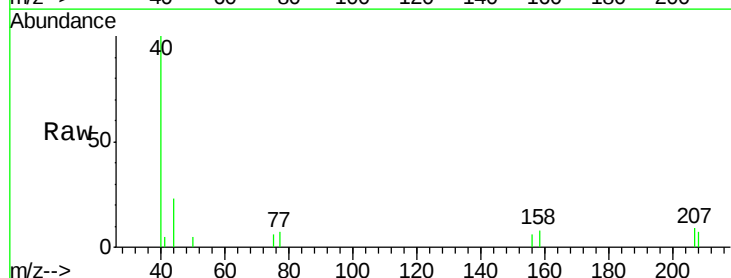
Instrument :
MSVOA_D
ClientSampleId :
EP-1

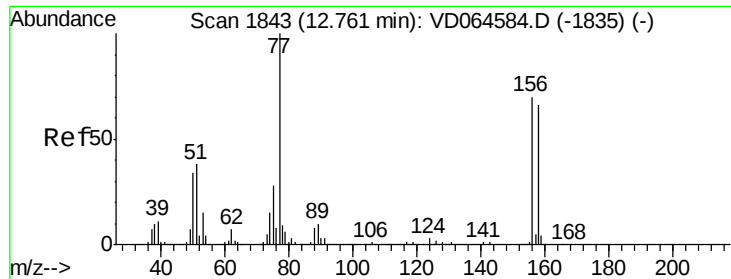
Tgt Ion: 43 Resp: 83
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.0#
55 0.0 19.4 29.0#
61 0.0 18.3 27.5#



#76
1,2,3-Trichloropropane
Concen: 4.58 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. -0.02 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

Tgt Ion: 75 Resp: 195
Ion Ratio Lower Upper
75 100
77 330.3 0.0 0.0#

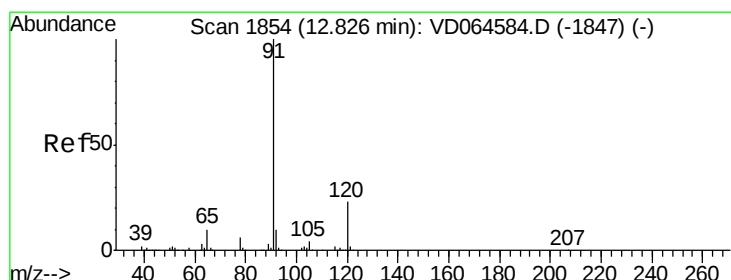
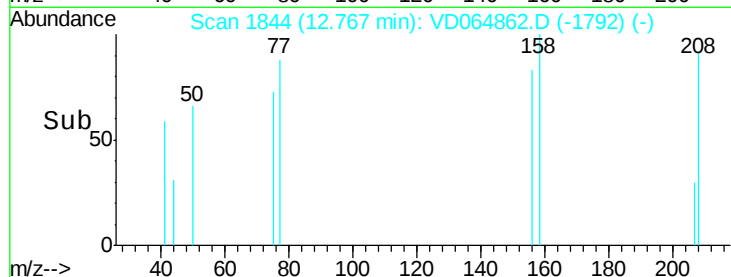
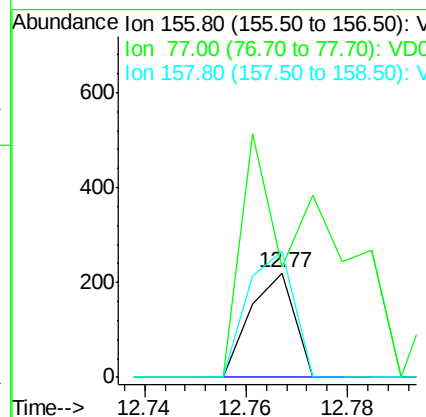
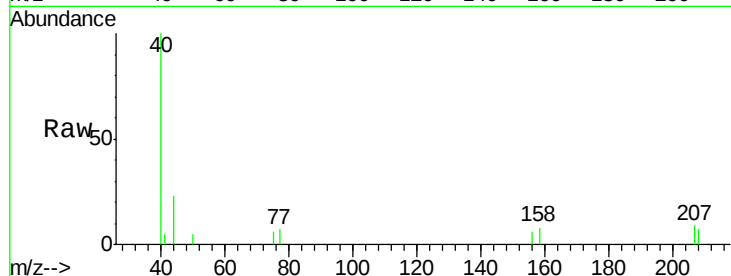




#77
Bromobenzene
Concen: 1.40 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. 0.01 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

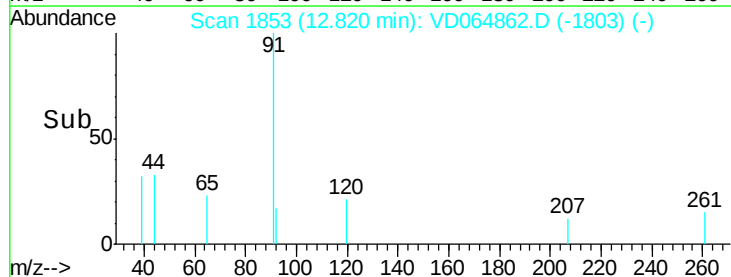
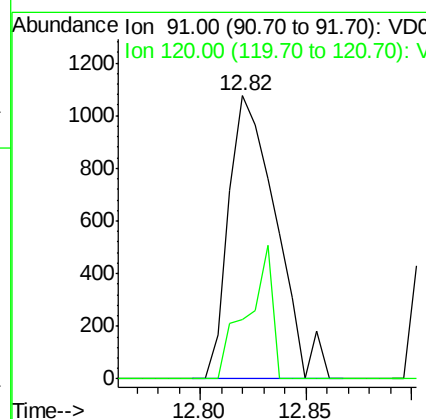
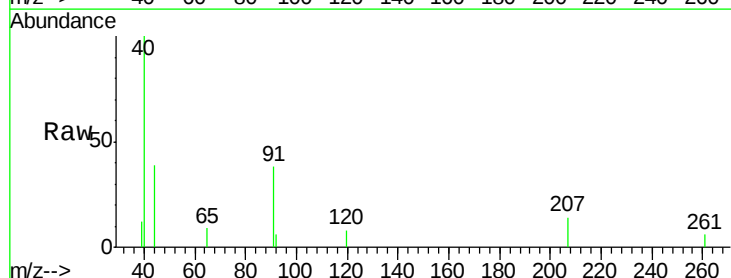
Instrument :
MSVOA_D
ClientSampleId :
EP-1

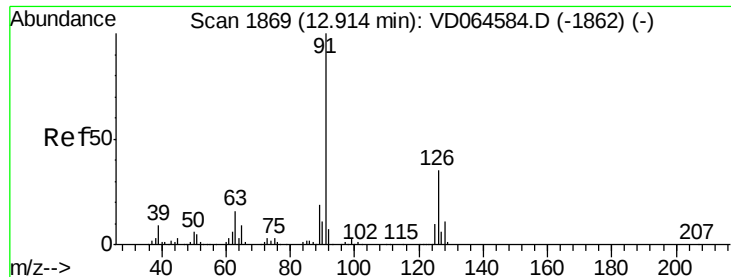
Tgt Ion: 156 Resp: 132
Ion Ratio Lower Upper
156 100
77 487.9 80.9 242.7#
158 128.8 48.0 144.2



#78
n-propylbenzene
Concen: 3.71 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

Tgt Ion: 91 Resp: 1665
Ion Ratio Lower Upper
91 100
120 25.5 11.9 35.9





#79

2-Chlorotoluene

Concen: 3.23 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

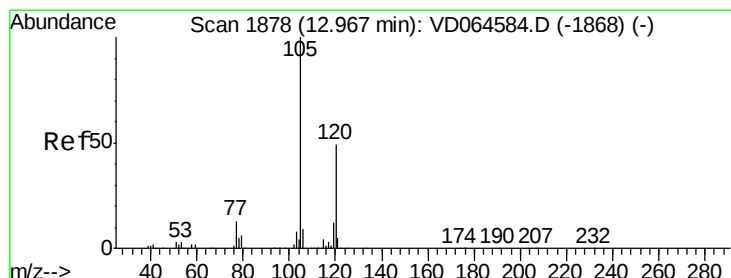
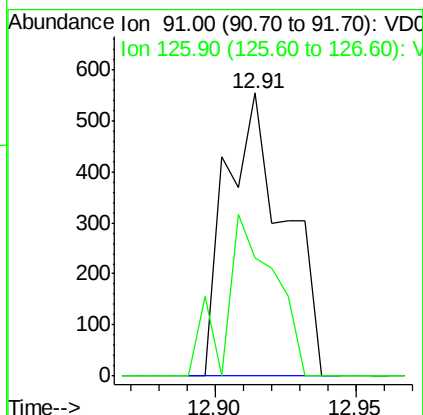
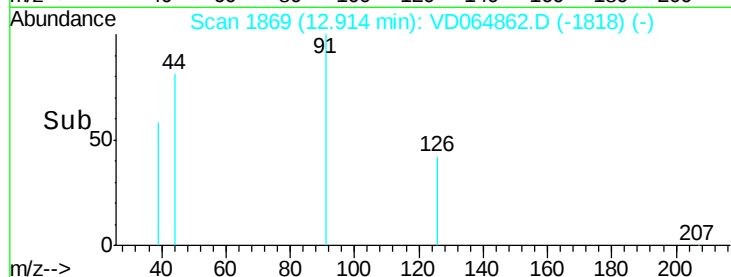
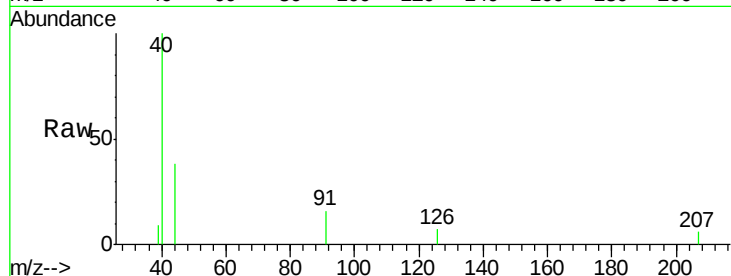
EP-1

Tgt Ion: 91 Resp: 796

Ion Ratio Lower Upper

91 100

126 47.5 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 2.88 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD064862.D

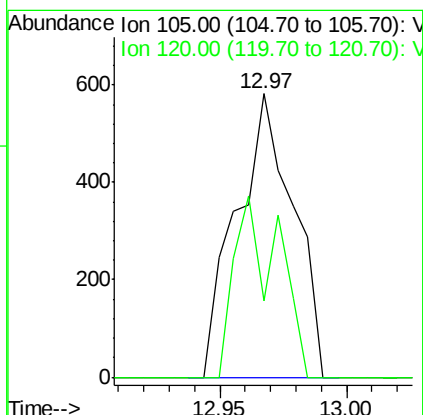
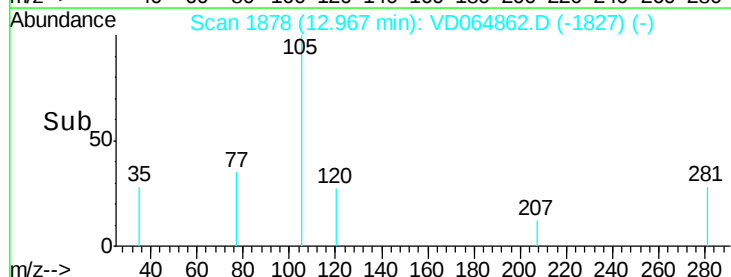
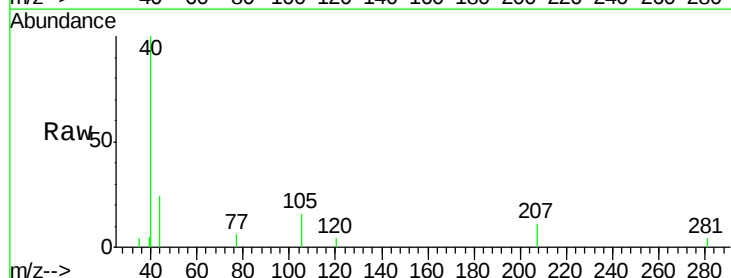
Acq: 17 Jan 2020 14:47

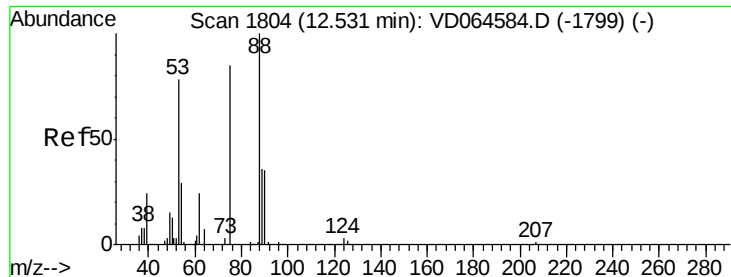
Tgt Ion: 105 Resp: 912

Ion Ratio Lower Upper

105 100

120 48.9 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 140.76 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

EP-1

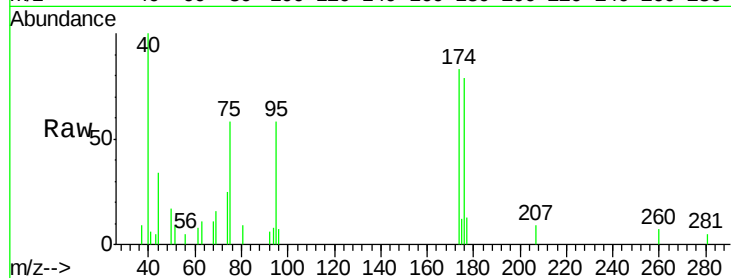
Tgt Ion: 75 Resp: 2863

Ion Ratio Lower Upper

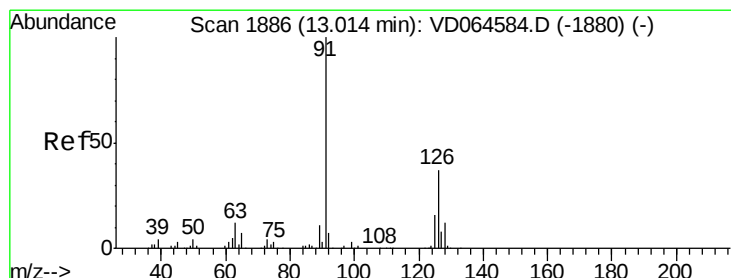
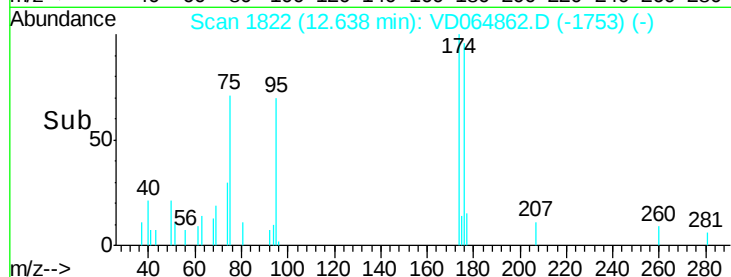
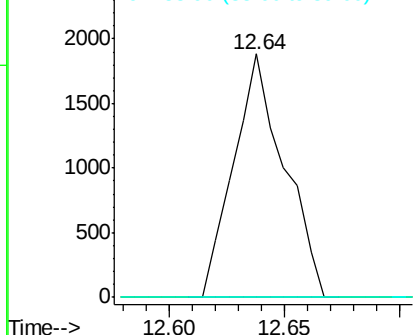
75 100

53 0.0 78.8 118.2#

89 0.0 38.3 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 3.03 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.10 min

Lab File: VD064862.D

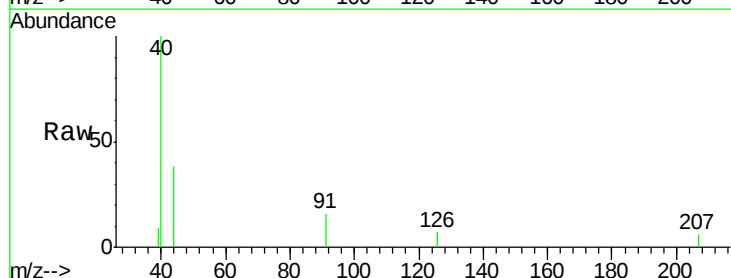
Acq: 17 Jan 2020 14:47

Tgt Ion: 91 Resp: 796

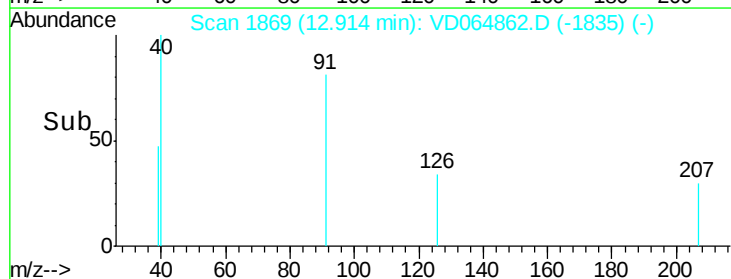
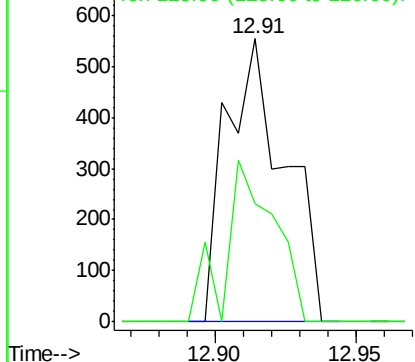
Ion Ratio Lower Upper

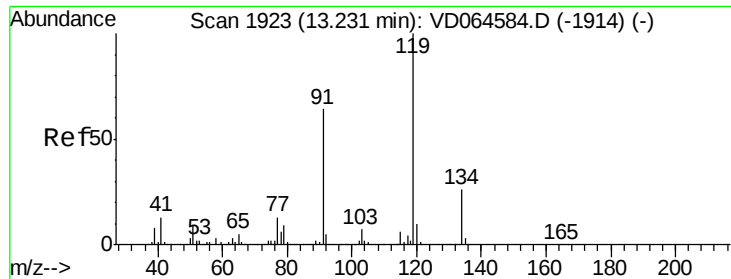
91 100

126 47.5 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V

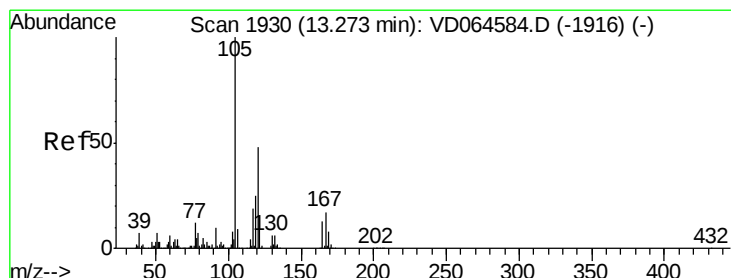
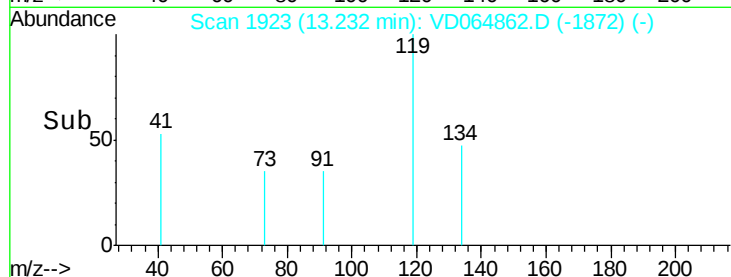
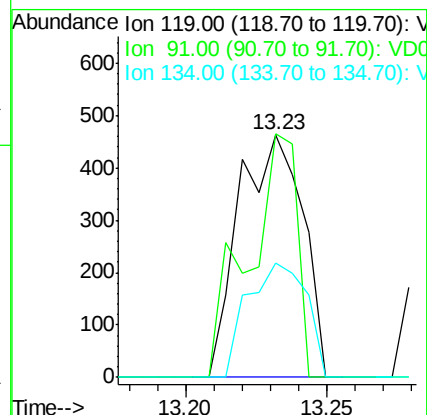
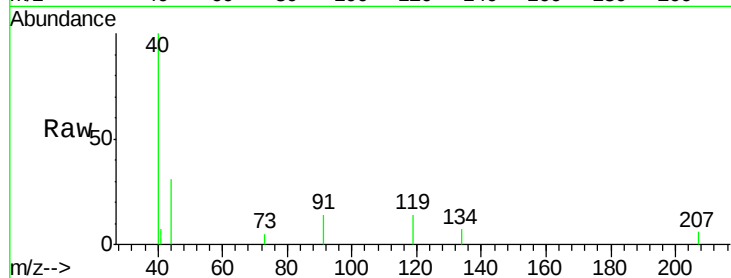




#83
 tert-Butylbenzene
 Concen: 2.64 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD064862.D
 Acq: 17 Jan 2020 14:47

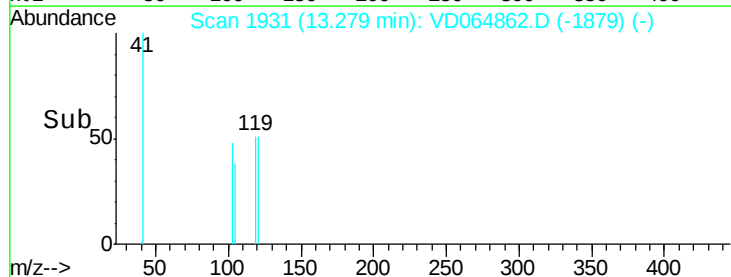
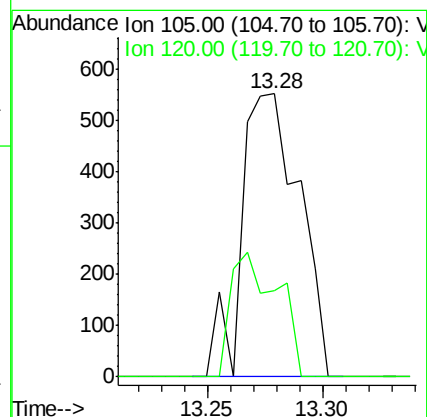
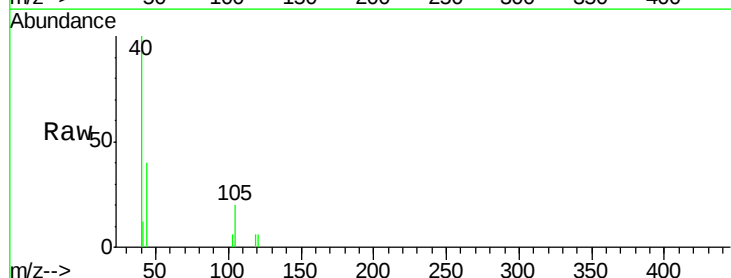
Instrument :
 MSVOA_D
 ClientSampled :
 EP-1

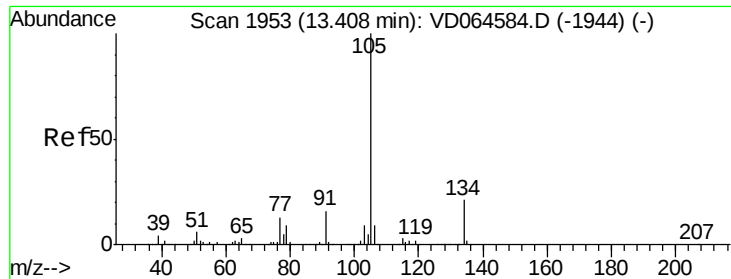
Tgt Ion:119 Resp: 725
 Ion Ratio Lower Upper
 119 100
 91 76.7 30.8 92.4
 134 43.4 12.8 38.3#



#84
 1,2,4-Trimethylbenzene
 Concen: 3.06 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.01 min
 Lab File: VD064862.D
 Acq: 17 Jan 2020 14:47

Tgt Ion:105 Resp: 963
 Ion Ratio Lower Upper
 105 100
 120 35.5 23.8 71.2





#85

sec-Butylbenzene

Concen: 3.84 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

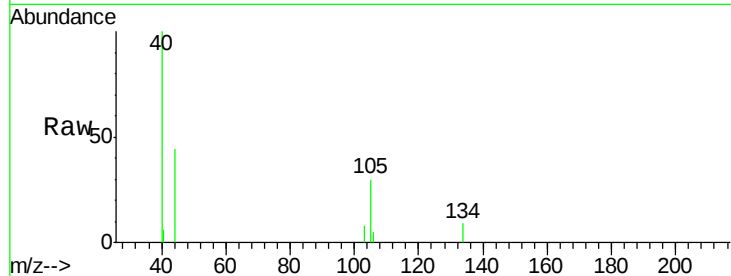
EP-1

Tgt Ion:105 Resp: 1444

Ion Ratio Lower Upper

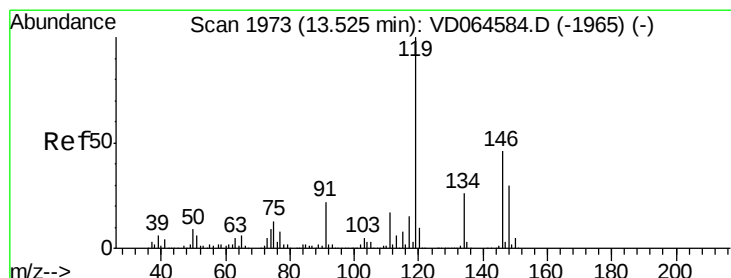
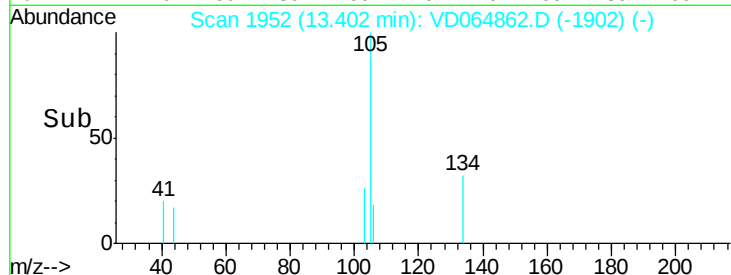
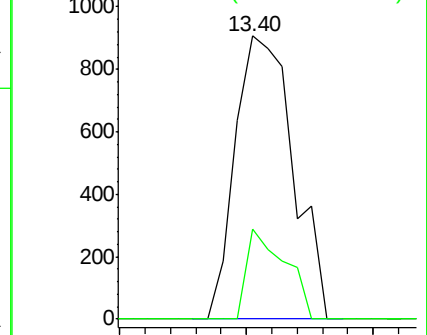
105 100

134 21.1 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 3.96 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

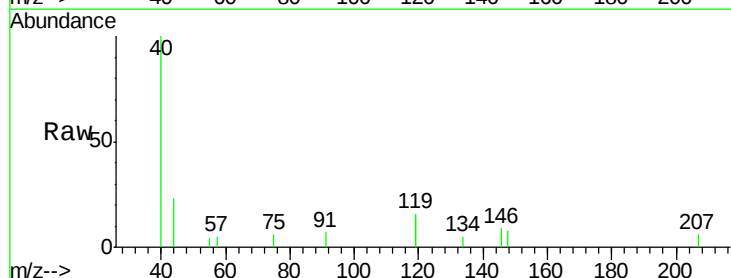
Tgt Ion:119 Resp: 1424

Ion Ratio Lower Upper

119 100

134 24.6 13.4 40.1

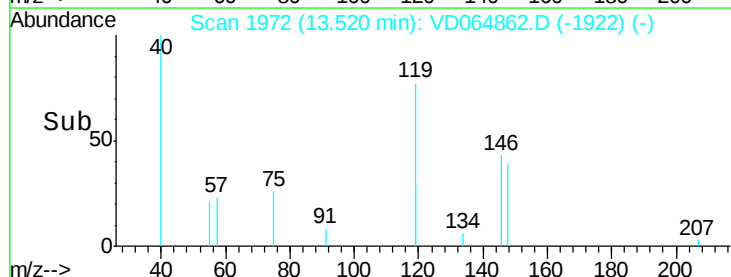
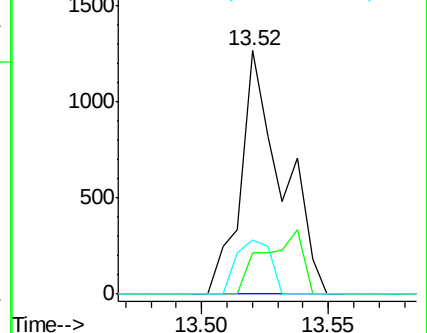
91 18.5 11.2 33.6

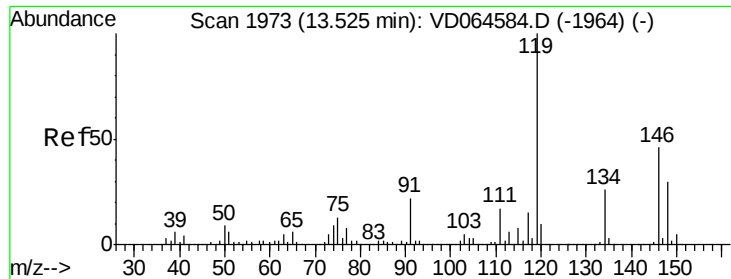


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

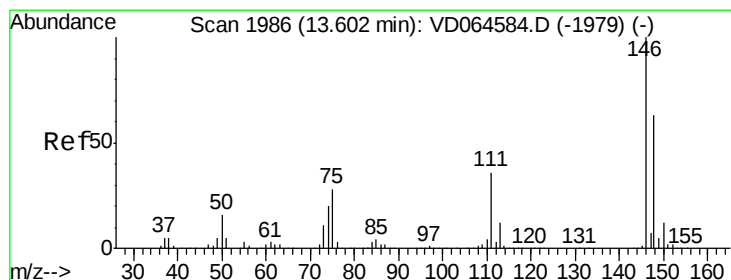
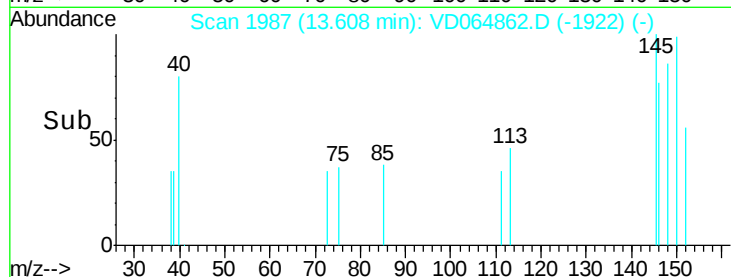
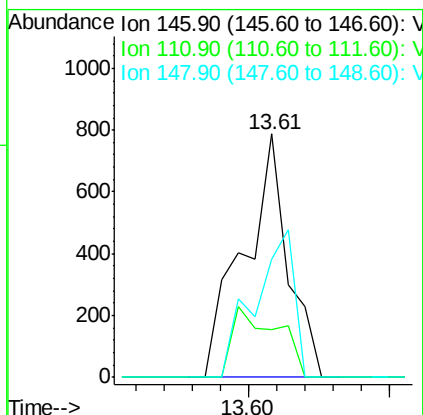
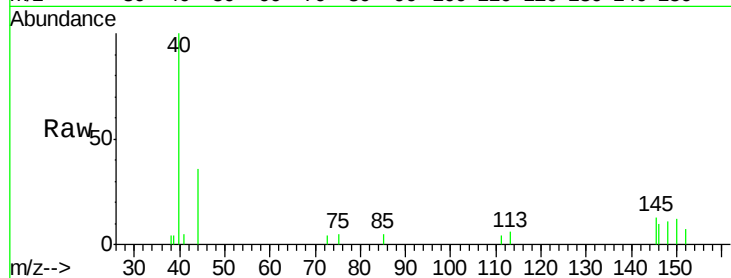




#87
 1,3-Dichlorobenzene
 Concen: 4.73 ug/l
 RT: 13.61 min Scan# 1987
 Delta R.T. 0.08 min
 Lab File: VD064862.D
 Acq: 17 Jan 2020 14:47

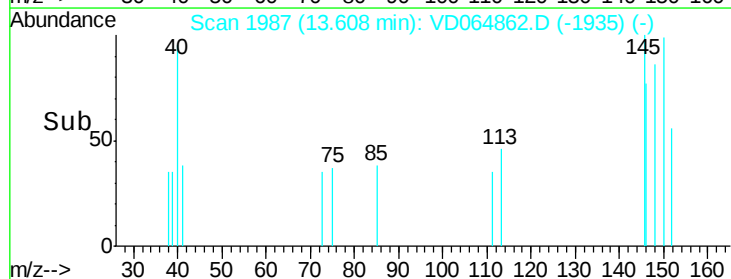
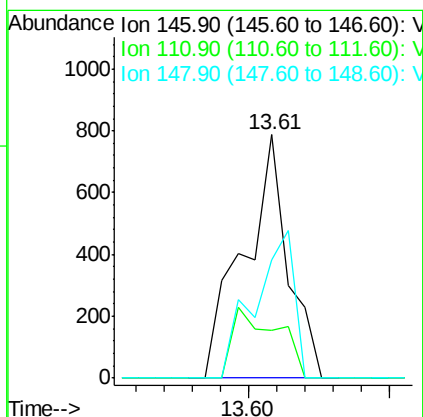
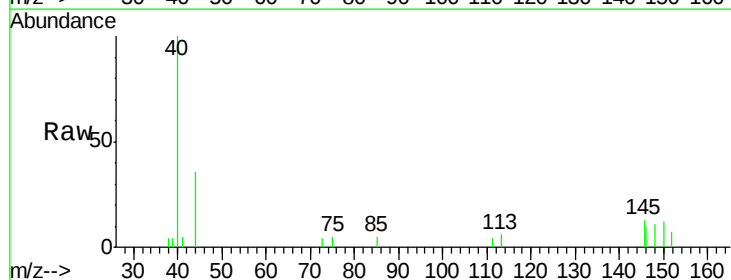
Instrument :
 MSVOA_D
 ClientSampleID :
 EP-1

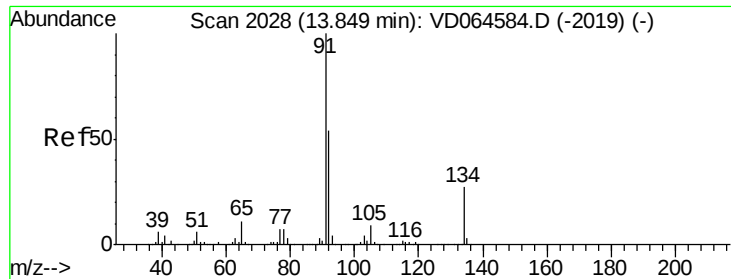
Tgt Ion:146 Resp: 853
 Ion Ratio Lower Upper
 146 100
 111 29.3 18.8 56.4
 148 54.2 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 4.82 ug/l
 RT: 13.61 min Scan# 1987
 Delta R.T. 0.01 min
 Lab File: VD064862.D
 Acq: 17 Jan 2020 14:47

Tgt Ion:146 Resp: 853
 Ion Ratio Lower Upper
 146 100
 111 29.3 18.1 54.1
 148 54.2 32.3 96.9

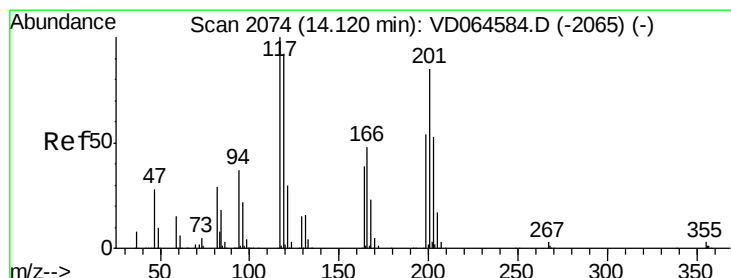
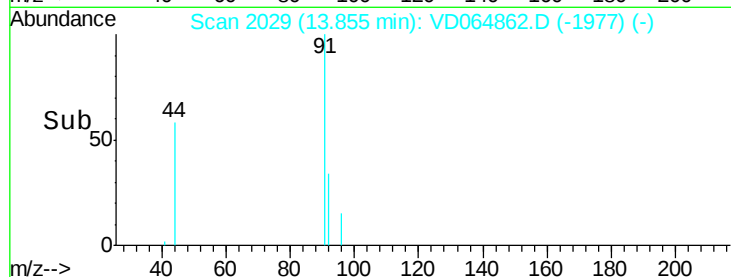
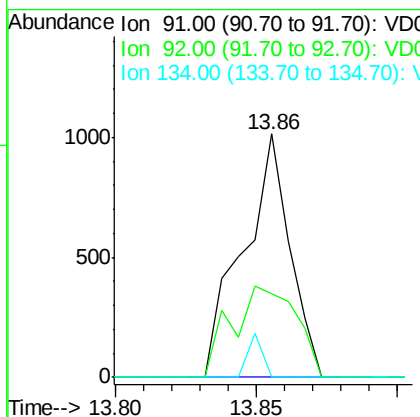
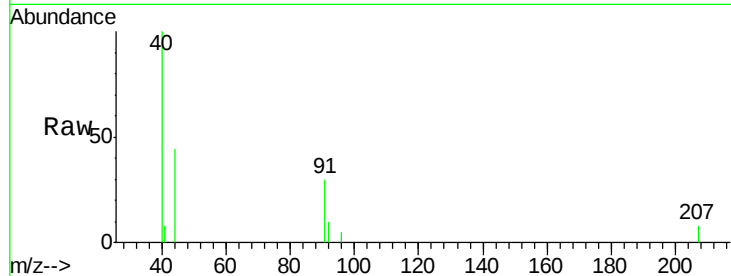




#89
n-Butylbenzene
Concen: 3.61 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

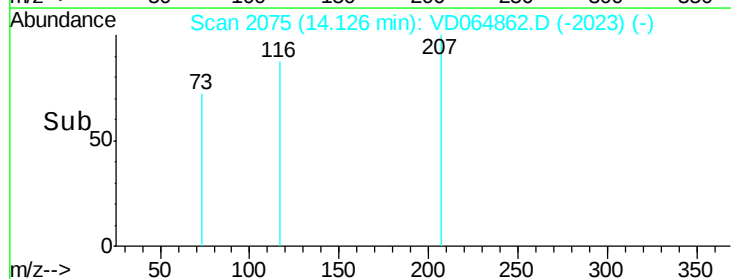
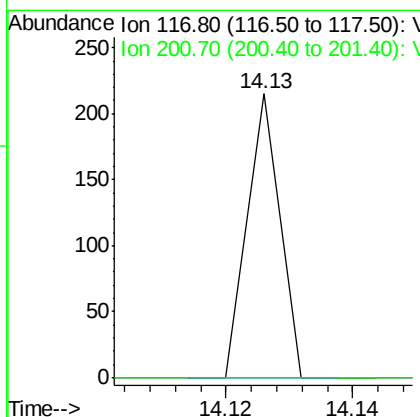
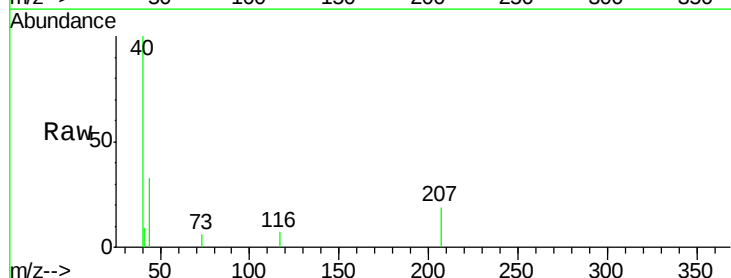
Instrument :
MSVOA_D
ClientSampled :
EP-1

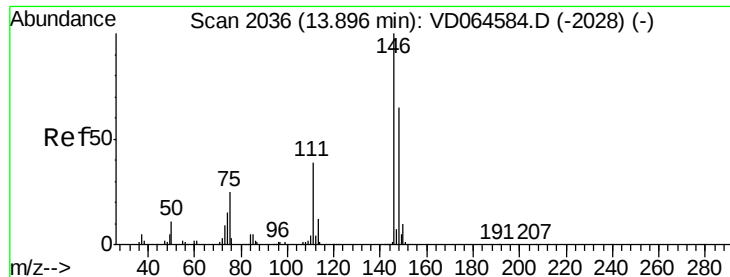
Tgt Ion: 91 Resp: 1171
Ion Ratio Lower Upper
91 100
92 51.1 26.8 80.4
134 5.5 14.0 41.9#



#90
Hexachloroethane
Concen: 1.11 ug/l
RT: 14.13 min Scan# 2075
Delta R.T. 0.01 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

Tgt Ion: 117 Resp: 76
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#

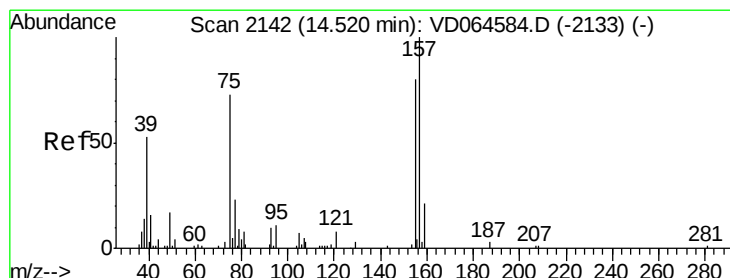
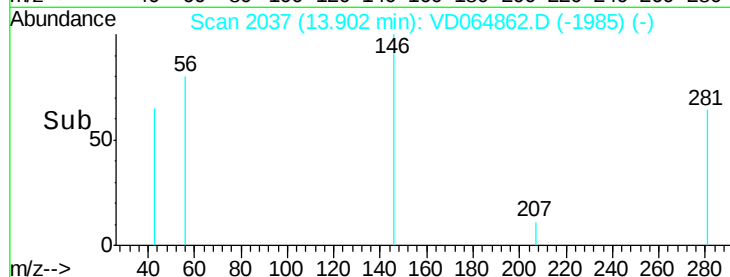
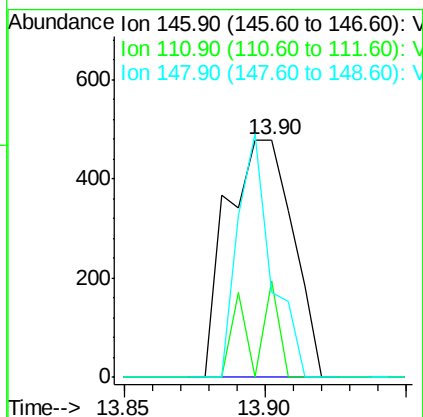
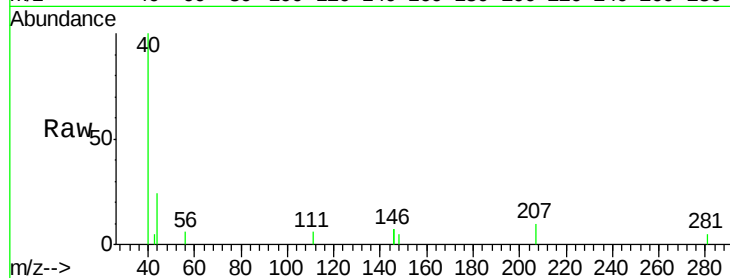




#91
 1,2-Dichlorobenzene
 Concen: 5.01 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VD064862.D
 Acq: 17 Jan 2020 14:47

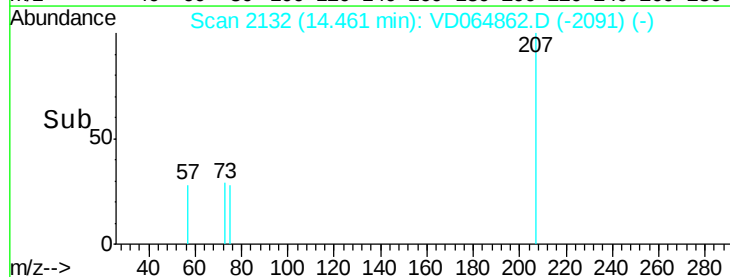
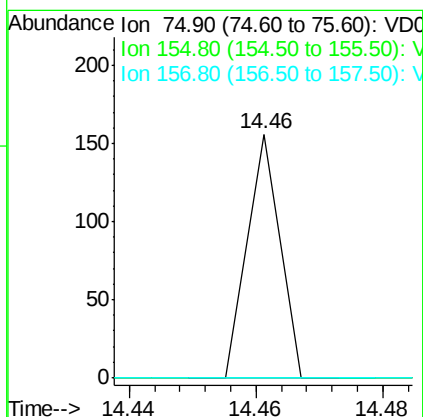
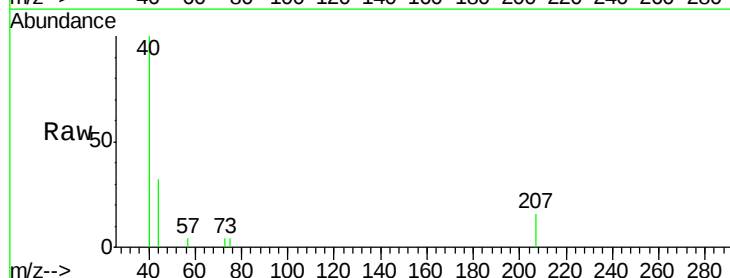
Instrument :
 MSVOA_D
 ClientSampleId :
 EP-1

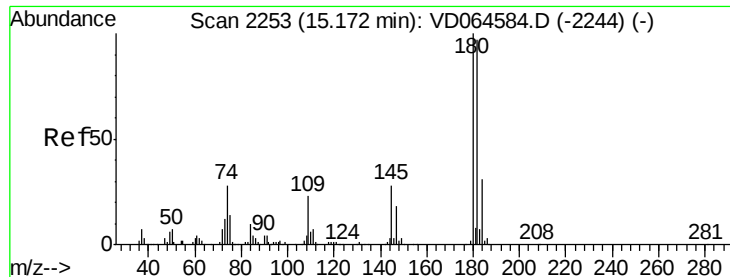
Tgt Ion: 146 Resp: 771
 Ion Ratio Lower Upper
 146 100
 111 7.8 19.3 57.9#
 148 52.1 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.61 ug/l
 RT: 14.46 min Scan# 2132
 Delta R.T. -0.06 min
 Lab File: VD064862.D
 Acq: 17 Jan 2020 14:47

Tgt Ion: 75 Resp: 55
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.0 144.0#
 157 0.0 64.1 192.3#

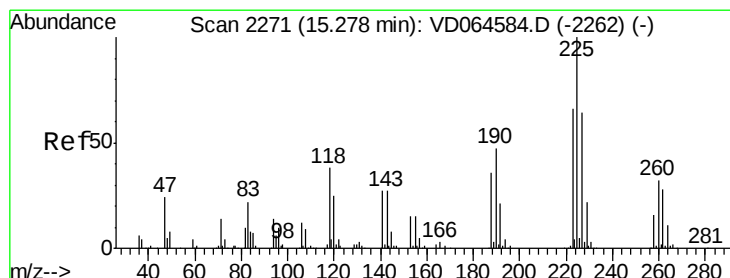
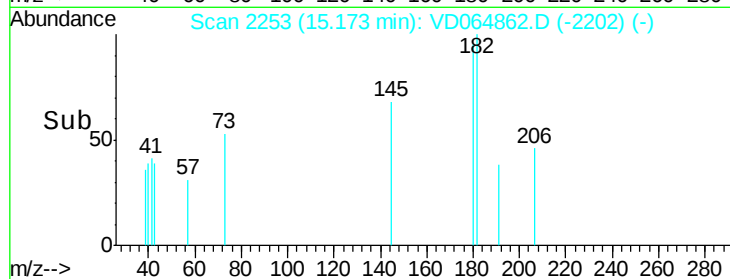
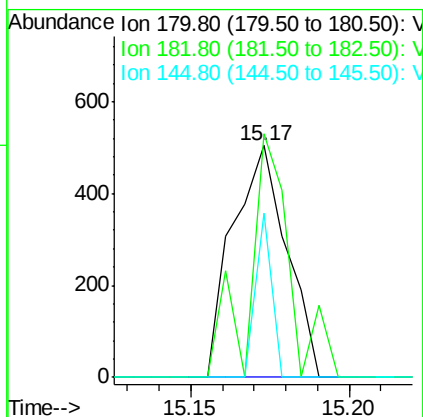
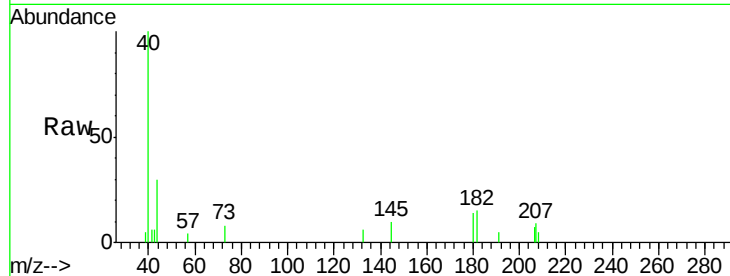




#93
 1,2,4-Trichlorobenzene
 Concen: 5.26 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD064862.D
 Acq: 17 Jan 2020 14:47

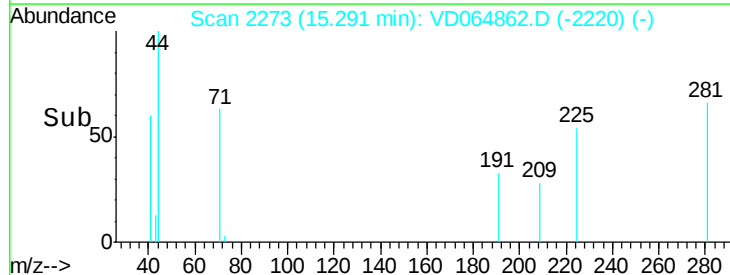
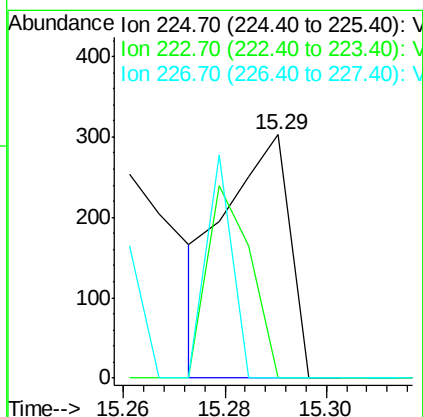
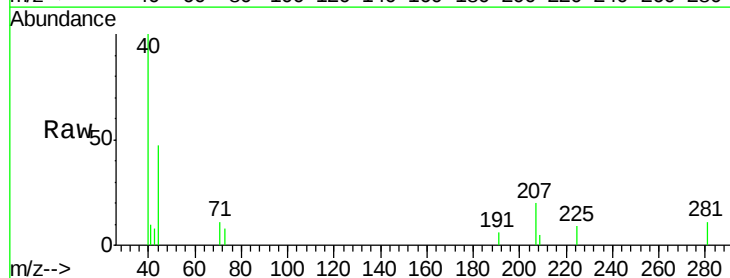
Instrument :
 MSVOA_D
 ClientSampleId :
 EP-1

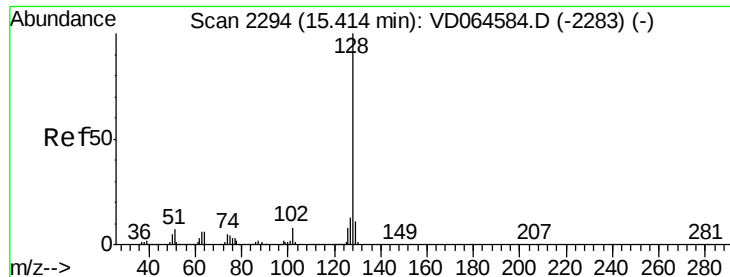
Tgt Ion:180 Resp: 595
 Ion Ratio Lower Upper
 180 100
 182 78.7 48.0 144.2
 145 21.2 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 3.71 ug/l
 RT: 15.29 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: VD064862.D
 Acq: 17 Jan 2020 14:47

Tgt Ion:225 Resp: 264
 Ion Ratio Lower Upper
 225 100
 223 54.2 31.1 93.2
 227 37.1 30.9 92.7





#95

Naphthalene

Concen: 7.03 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

EP-1

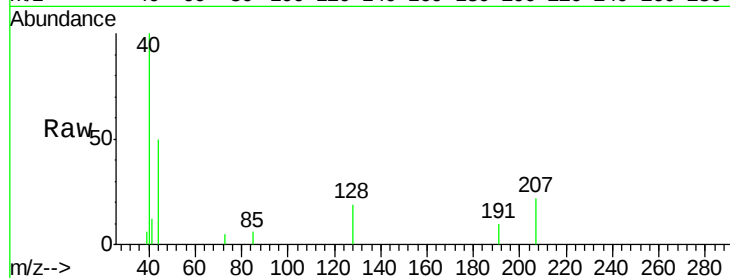
Tgt Ion:128 Resp: 1259

Ion Ratio Lower Upper

128 100

127 4.7 10.3 15.5#

129 4.3 8.5 12.7#



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

15.41

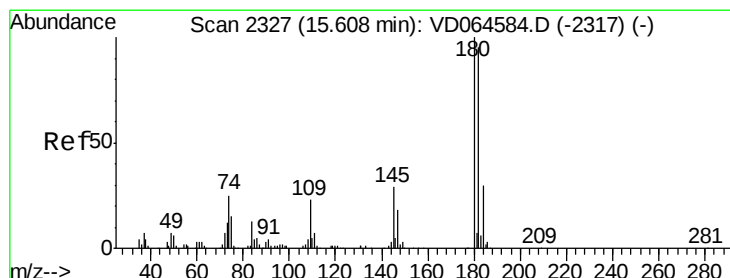
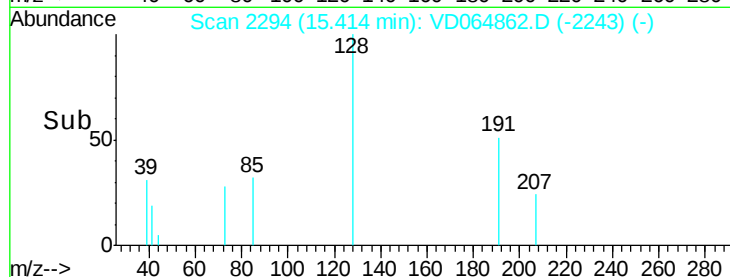
600

400

200

0

Time--> 15.35 15.40 15.45



#96

1,2,3-Trichlorobenzene

Concen: 6.30 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

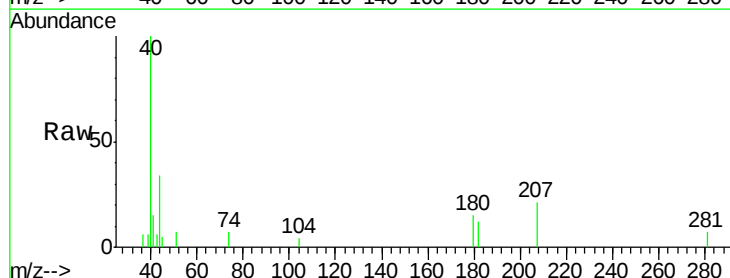
Tgt Ion:180 Resp: 609

Ion Ratio Lower Upper

180 100

182 105.6 47.9 143.7

145 0.0 14.9 44.7#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

15.60

600

400

200

0

Time--> 15.55 15.60 15.65

