

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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	5536	75.21	ug/l	0.00
Spiked Amount			Recovery	=	150.42%	
35) Dibromofluoromethane	7.92	113	4985	68.39	ug/l	0.00
Spiked Amount			Recovery	=	136.78%	
50) Toluene-d8	10.35	98	15549	55.70	ug/l	0.01
Spiked Amount			Recovery	=	111.40%	
62) 4-Bromofluorobenzene	12.63	95	4794	54.31	ug/l	0.00
Spiked Amount			Recovery	=	108.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	300	4.625	ug/l #	43
3) Chloromethane	2.21	50	871	9.601	ug/l #	64
4) Vinyl Chloride	2.34	62	538	4.864	ug/l #	41
5) Bromomethane	2.80	94	625	7.771	ug/l	93
7) Trichlorofluoromethane	3.27	101	454	2.438	ug/l #	17
10) Methyl Iodide	4.30	142	276	3.331	ug/l #	39
12) 1,1-Dichloroethene	4.07	96	128	1.743	ug/l #	66
15) Acrylonitrile	5.47	53	71	4.609	ug/l #	17
16) Acetone	4.19	43	196	15.344	ug/l #	42
17) Carbon Disulfide	4.41	76	765	3.222	ug/l #	75
18) Methyl Acetate	4.73	43	155	3.741	ug/l #	51
20) Methylene Chloride	4.97	84	133	Below Cal	#	7
21) trans-1,2-Dichloroethene	5.47	96	468	5.596	ug/l #	1
22) Diisopropyl ether	6.37	45	591	2.588	ug/l #	71
23) Vinyl Acetate	6.37	43	141	1.088	ug/l #	72
24) 1,1-Dichloroethane	6.27	63	482	3.516	ug/l #	80
25) 2-Butanone	7.21	43	107	5.289	ug/l #	49
26) 2,2-Dichloropropane	7.20	77	145	1.138	ug/l #	53
27) cis-1,2-Dichloroethene	7.22	96	293	3.246	ug/l #	31
28) Bromochloromethane	7.41	49	58	1.088	ug/l #	11
29) Tetrahydrofuran	7.59	42	53	4.213	ug/l #	33
30) Chloroform	7.73	83	193	1.342	ug/l	90
31) Cyclohexane	7.99	56	855	6.230	ug/l #	66
32) 1,1,1-Trichloroethane	7.91	97	297	2.198	ug/l #	39
36) 1,1-Dichloropropene	8.11	75	659	5.763	ug/l #	41
37) Ethyl Acetate	7.21	43	107	2.382	ug/l #	1
38) Carbon Tetrachloride	7.98	117	865	7.095	ug/l #	12
39) Methylcyclohexane	9.36	83	809	5.841	ug/l #	67
40) Benzene	8.35	78	1433	4.591	ug/l #	51
41) Methacrylonitrile	7.51	41	105	4.029	ug/l #	54
44) Trichloroethene	9.11	130	648	7.067	ug/l	93
48) Methyl methacrylate	9.46	41	173	4.109	ug/l #	15
51) 4-Methyl-2-Pentanone	10.24	43	459	10.386	ug/l #	66
52) Toluene	10.40	92	855	4.175	ug/l	95

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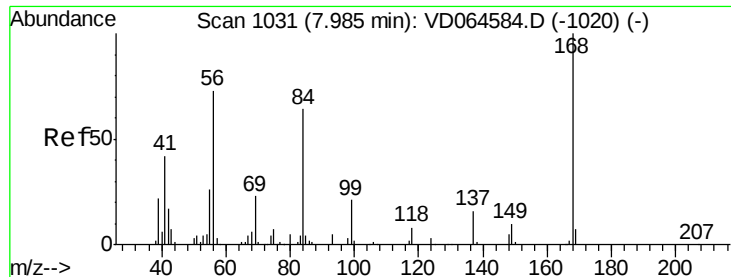
Instrument :
 MSVOA_D
 ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

55) 1,1,2-Trichloroethane	10.81	97	63	1.125	ug/l #	15
59) 2-Hexanone	10.98	43	394	13.135	ug/l #	26
60) Dibromochloromethane	10.87	129	582	7.516	ug/l #	11
64) Tetrachloroethene	10.87	164	628	6.737	ug/l #	76
65) Chlorobenzene	11.67	112	1096	4.346	ug/l #	68
67) Ethyl Benzene	11.75	91	1640	3.583	ug/l	98
68) m/p-Xylenes	11.86	106	1058	5.989	ug/l	95
69) o-Xylene	12.18	106	529	3.315	ug/l	93
70) Styrene	12.20	104	522	1.864	ug/l	91
73) Isopropylbenzene	12.49	105	1465	3.806	ug/l	95
74) N-amyl acetate	12.30	43	83	1.009	ug/l #	43
76) 1,2,3-Trichloropropane	12.77	75	195	4.584	ug/l #	100
77) Bromobenzene	12.77	156	132	1.395	ug/l #	1
78) n-propylbenzene	12.82	91	1665	3.707	ug/l	97
79) 2-Chlorotoluene	12.91	91	796	3.226	ug/l	80
80) 1,3,5-Trimethylbenzene	12.97	105	912	2.884	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.64	75	2863	140.762	ug/l #	10
82) 4-Chlorotoluene	12.91	91	796	3.032	ug/l	80
83) tert-Butylbenzene	13.23	119	725	2.641	ug/l #	76
84) 1,2,4-Trimethylbenzene	13.28	105	963	3.058	ug/l	82
85) sec-Butylbenzene	13.40	105	1444	3.836	ug/l	100
86) p-Isopropyltoluene	13.52	119	1424	3.956	ug/l	94
87) 1,3-Dichlorobenzene	13.61	146	853	4.730	ug/l	86
88) 1,4-Dichlorobenzene	13.61	146	853	4.815	ug/l	87
89) n-Butylbenzene	13.86	91	1171	3.613	ug/l #	83
90) Hexachloroethane	14.13	117	76	1.105	ug/l #	5
91) 1,2-Dichlorobenzene	13.90	146	771	5.014	ug/l #	72
92) 1,2-Dibromo-3-Chloropropan	14.46	75	55	5.610	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.17	180	595	5.255	ug/l	83
94) Hexachlorobutadiene	15.29	225	264	3.706	ug/l	79
95) Naphthalene	15.41	128	1259	7.029	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.60	180	609	6.301	ug/l #	79

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.00 min Scan# 1033

Delta R.T. 0.01 min

Lab File: VD064862.D

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Instrument :

MSVOA_D

ClientSampleId :

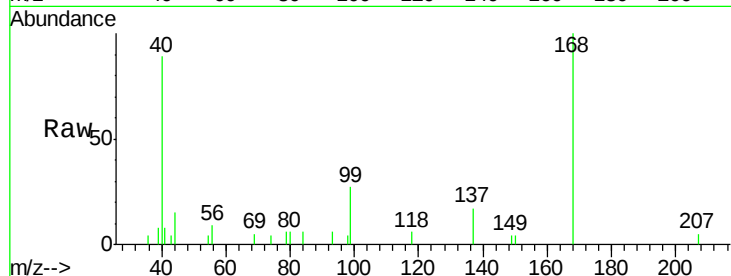
EP-1

Tot Ion:168 Resp: 8347

Ion Ratio Lower Upper

168 100

99 26.5 41.8 62.6#

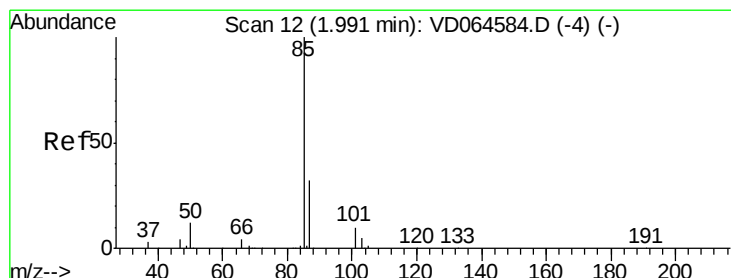
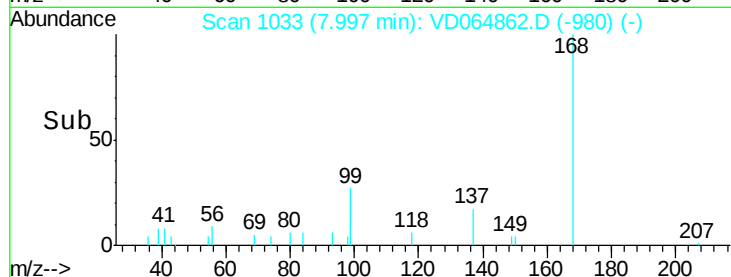


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 4.625 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064862.D

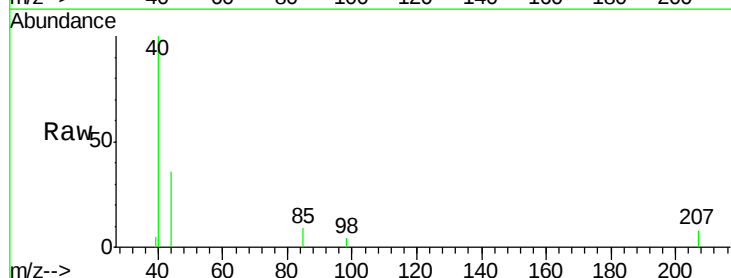
Acq: 17 Jan 2020 14:47

Tgt Ion: 85 Resp: 300

Ion Ratio Lower Upper

85 100

87 0.0 16.1 48.2#

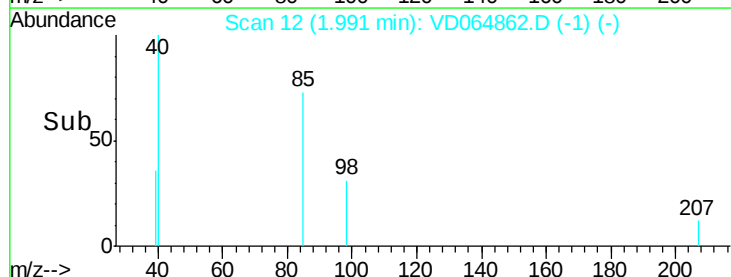


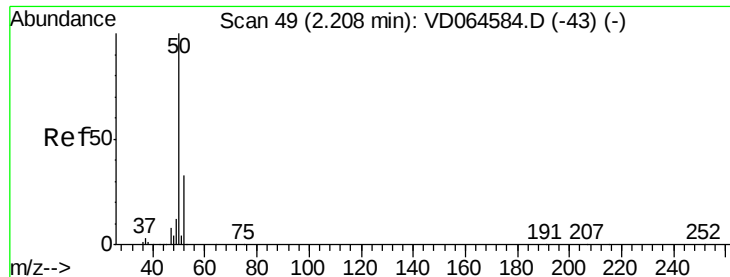
Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

Time-->





#3

Chloromethane

Concen: 9.601 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 :

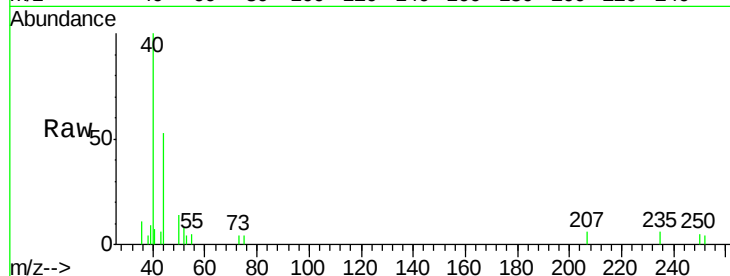
EP-1

Tot Ion: 50 Resp: 871

Ion Ratio Lower Upper

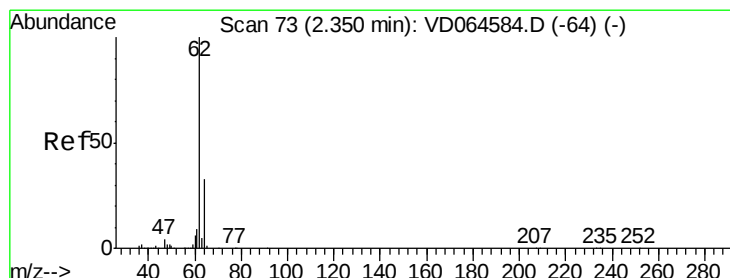
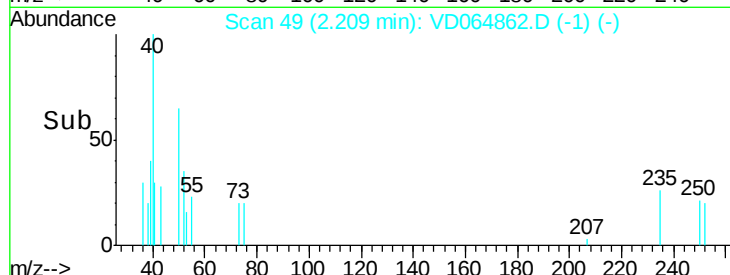
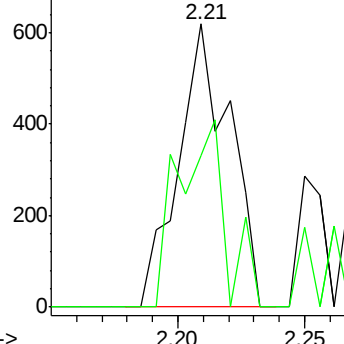
50 100

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



#4

Vinyl Chloride

Concen: 4.864 ug/l

RT: 2.34 min Scan# 71

Delta R.T. -0.01 min

Lab File: VD064862.D

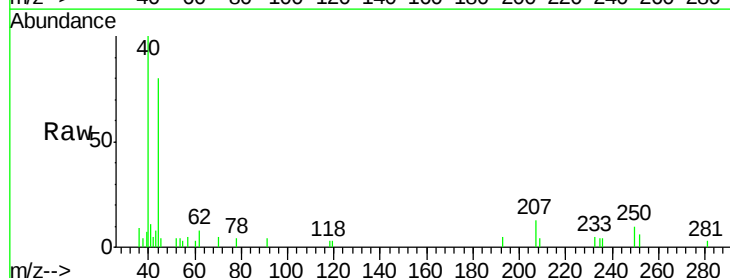
Acq: 17 Jan 2020 14:47

Tgt Ion: 62 Resp: 538

Ion Ratio Lower Upper

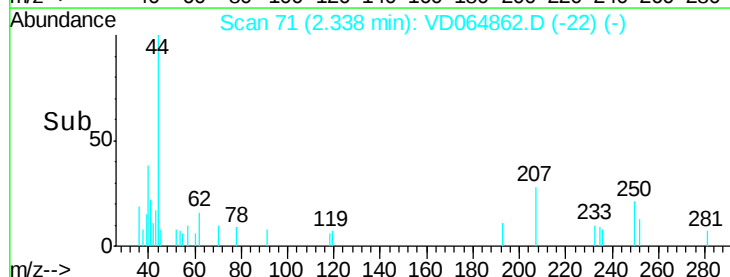
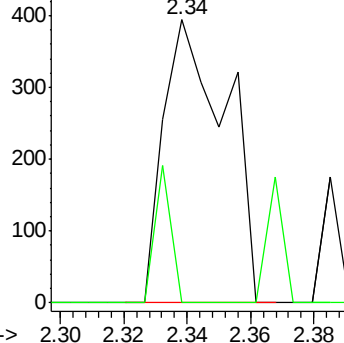
62 100

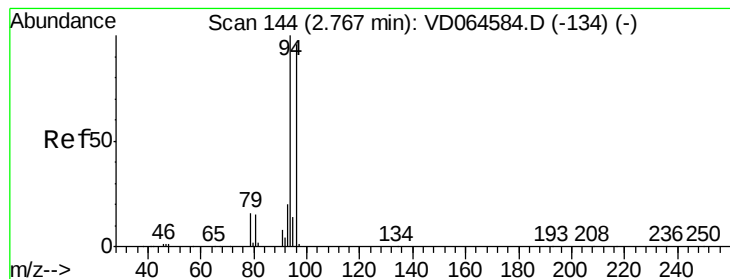
64 0.0 26.6 40.0#



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 7.771 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

ClientSampled :

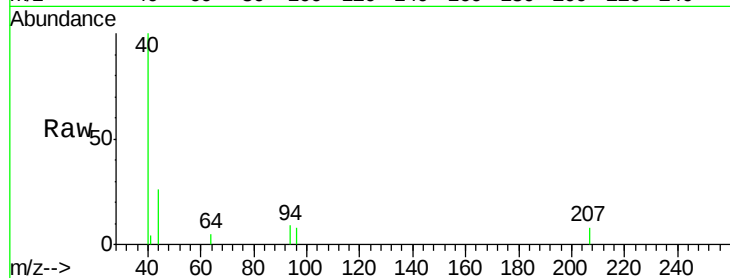
EP-1

Tot Ion: 94 Resp: 625

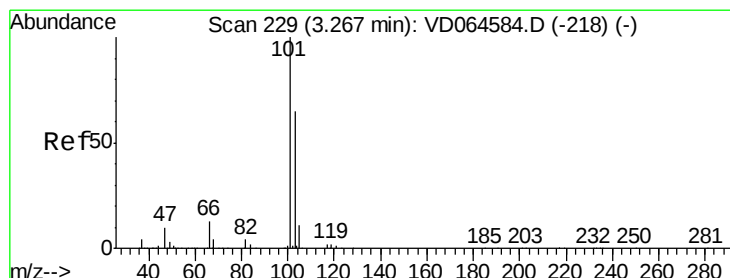
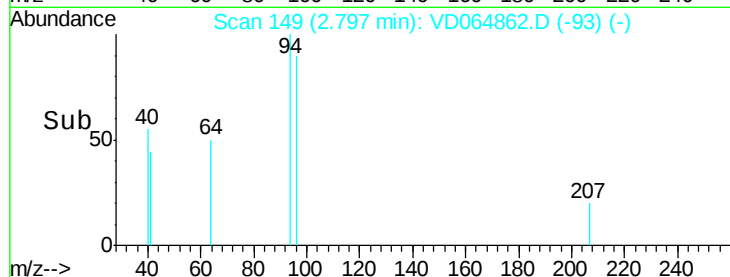
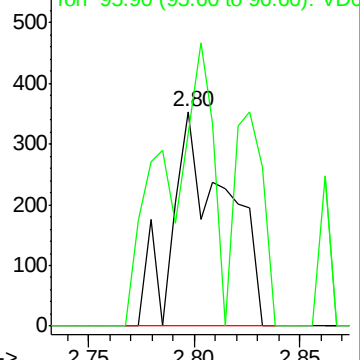
Ion Ratio Lower Upper

94 100

96 89.5 77.2 115.8



Abundance Ion 93.90 (93.60 to 94.60): VDC



#7

Trichlorofluoromethane

Concen: 2.438 ug/l

RT: 3.27 min Scan# 230

Delta R.T. 0.01 min

Lab File: VD064862.D

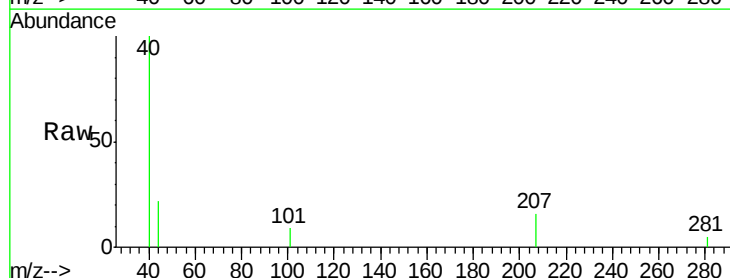
Acq: 17 Jan 2020 14:47

Tgt Ion: 101 Resp: 454

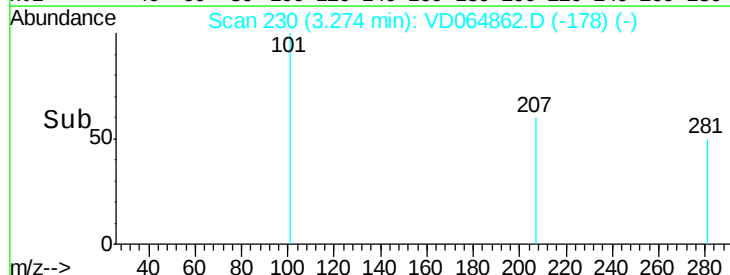
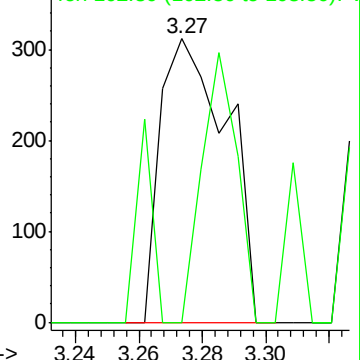
Ion Ratio Lower Upper

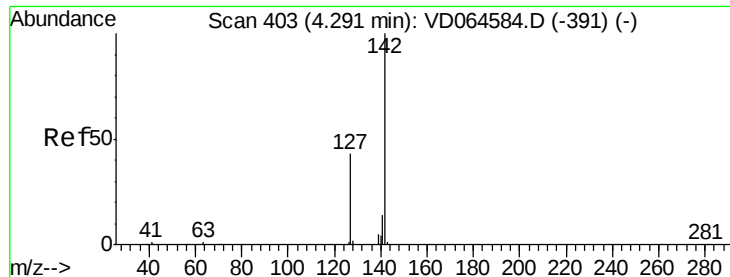
101 100

103 0.0 52.2 78.4#



Abundance Ion 100.90 (100.60 to 101.60): V

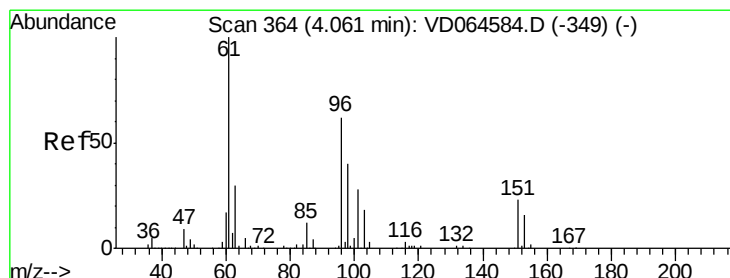
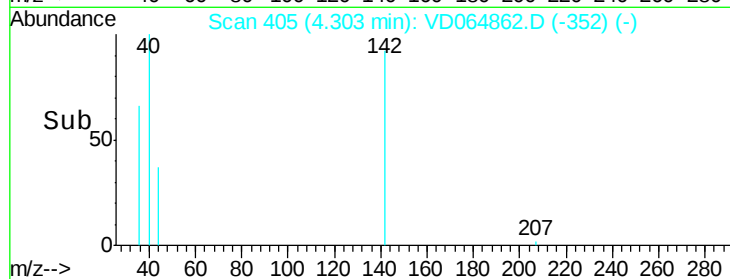
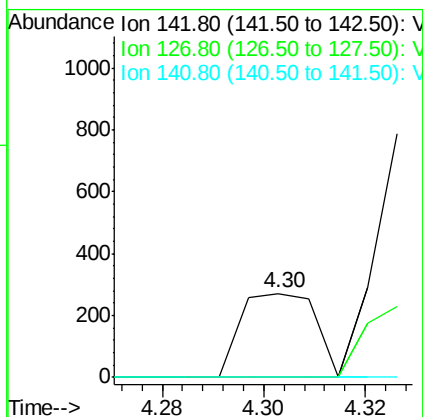
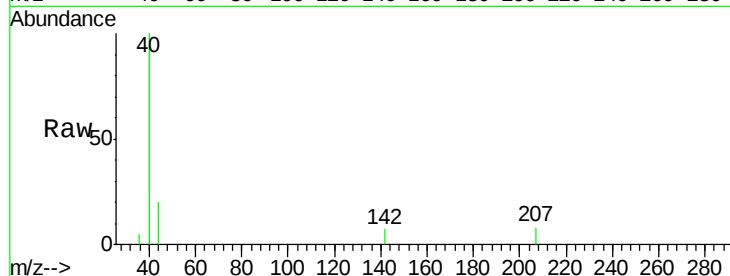




#10
Methvl Iodide
Concen: 3.331 ug/l
RT: 4.30 min Scan# 405
Delta R.T. 0.01 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

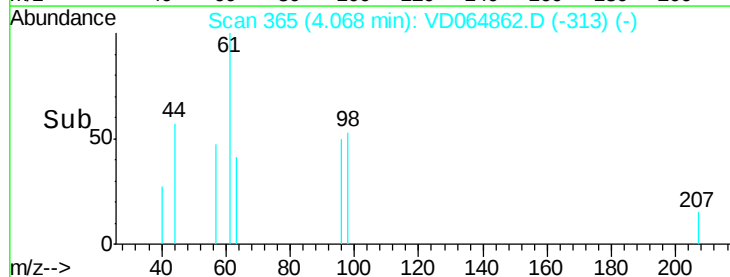
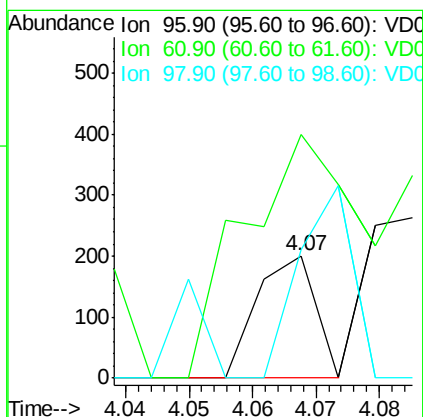
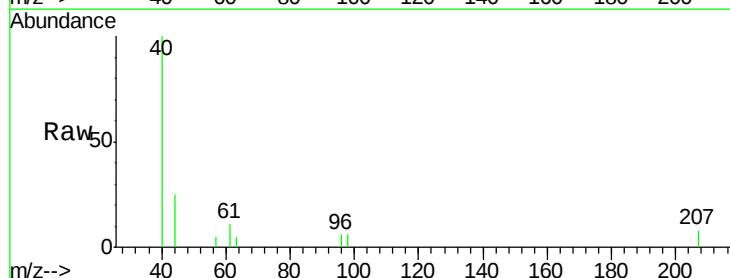
Instrument :
MSVOA_D
ClientSampled :
EP-1

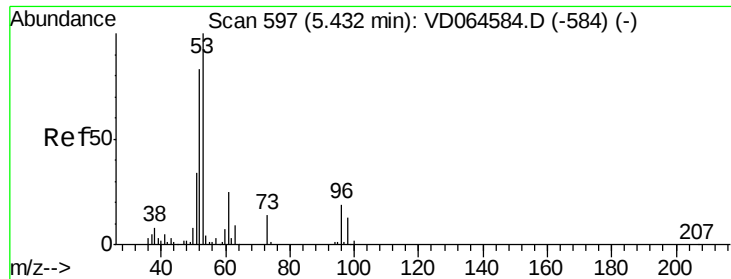
Tot Ion:142 Resp: 276
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.4#
141 0.0 11.8 17.8#



#12
1,1-Dichloroethene
Concen: 1.743 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: 4.609 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

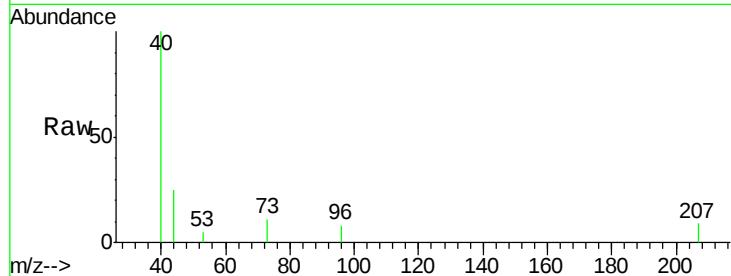
Tot Ion: 53 Resp: 71

Ion Ratio Lower Upper

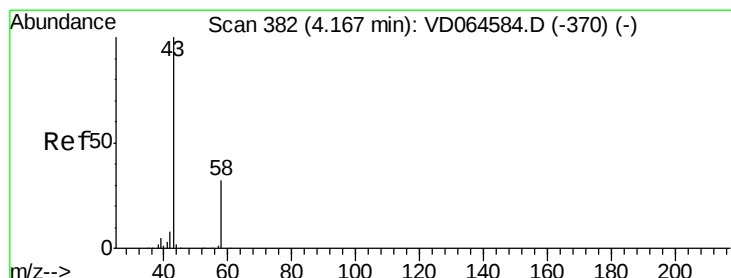
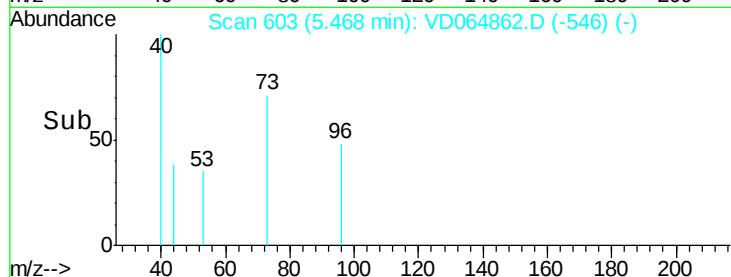
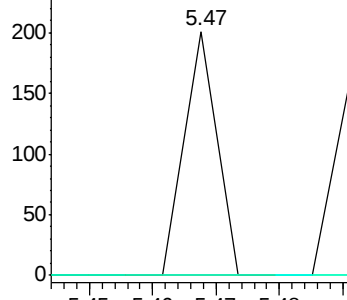
53 100

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: 15.344 ug/l

RT: 4.19 min Scan# 386

Delta R.T. 0.02 min

Lab File: VD064862.D

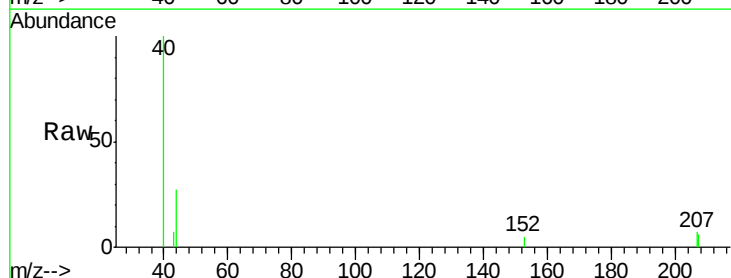
Acq: 17 Jan 2020 14:47

Tgt Ion: 43 Resp: 196

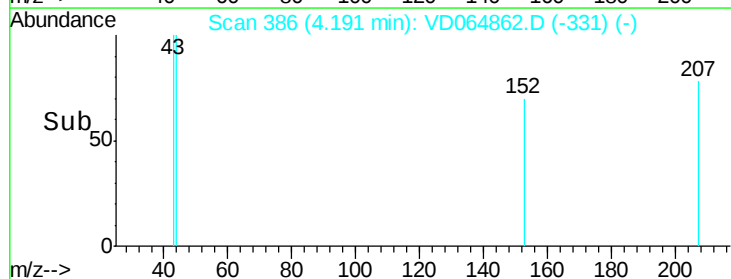
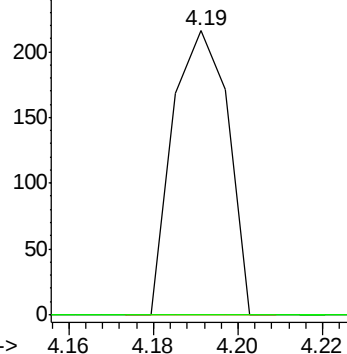
Ion Ratio Lower Upper

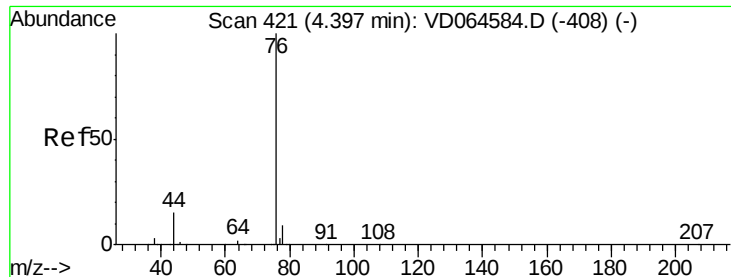
43 100

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: 3.222 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 :

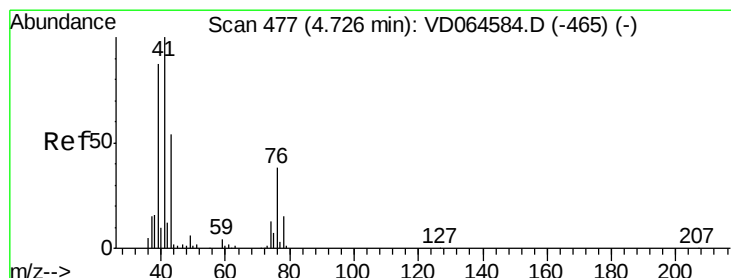
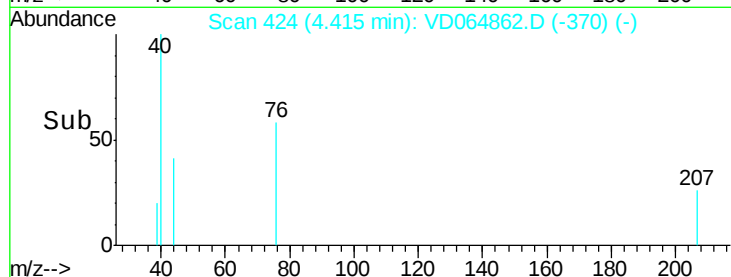
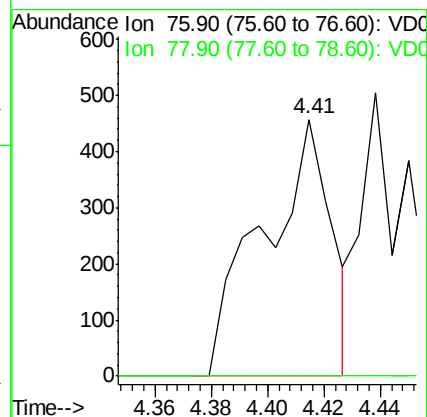
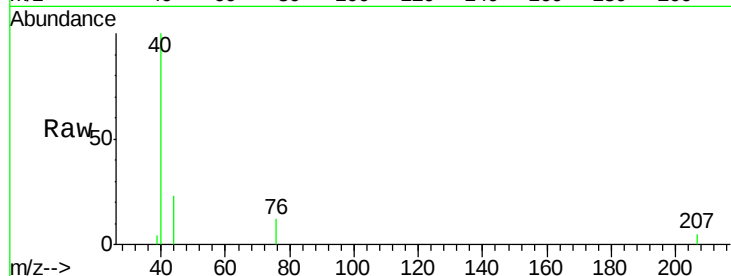
EP-1

Tot Ion: 76 Resp: 765

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#



#18

Methyl Acetate

Concen: 3.741 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.00 min

Lab File: VD064862.D

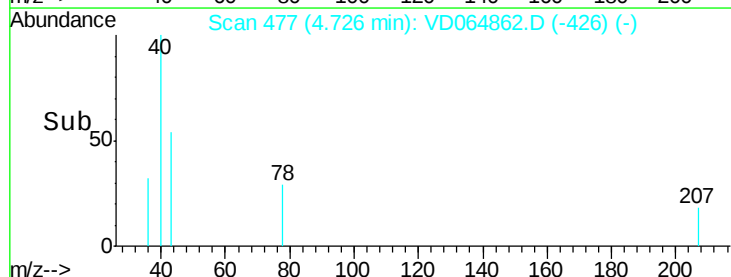
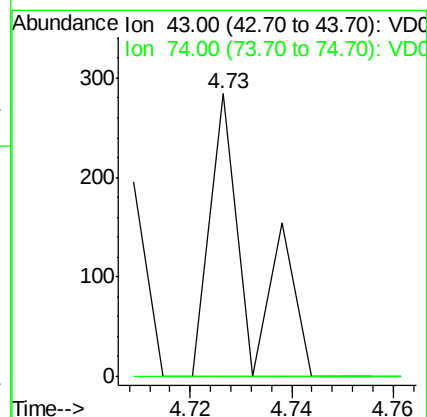
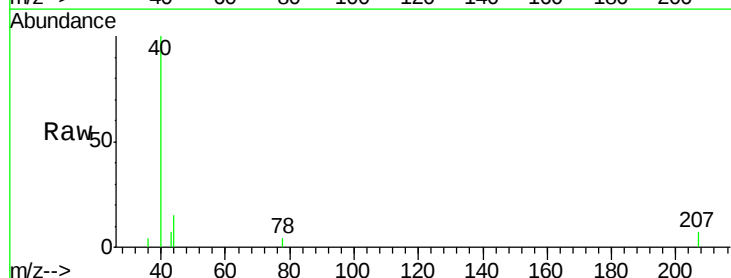
Acq: 17 Jan 2020 14:47

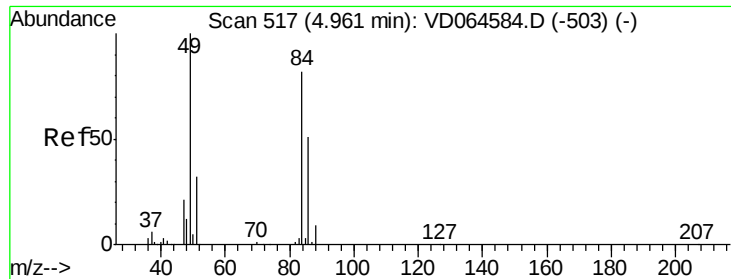
Tgt Ion: 43 Resp: 155

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#

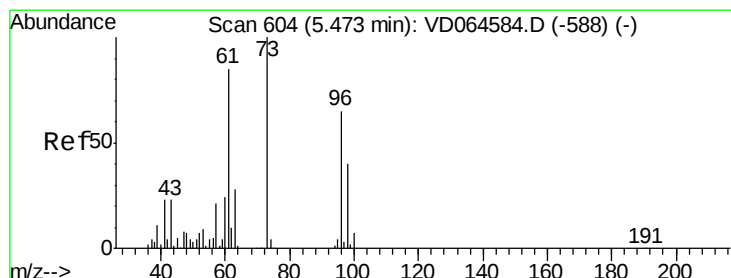
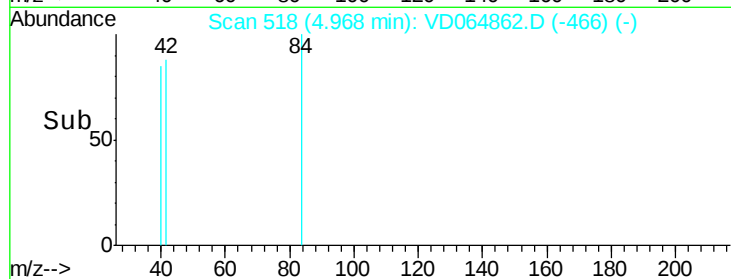
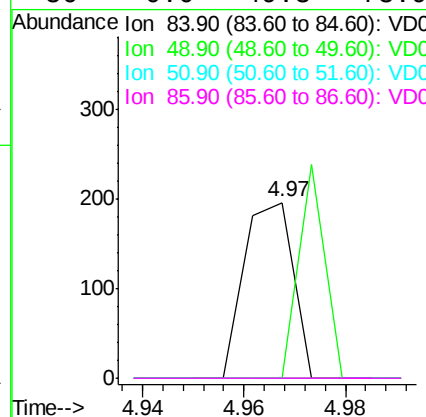
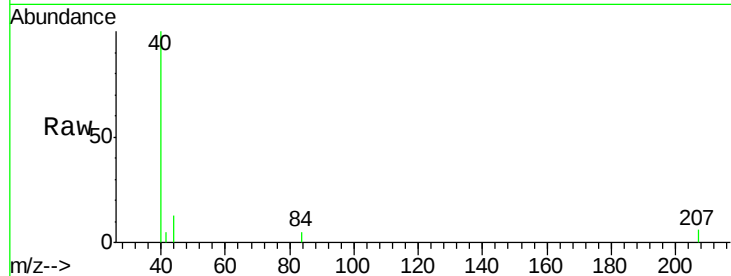




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

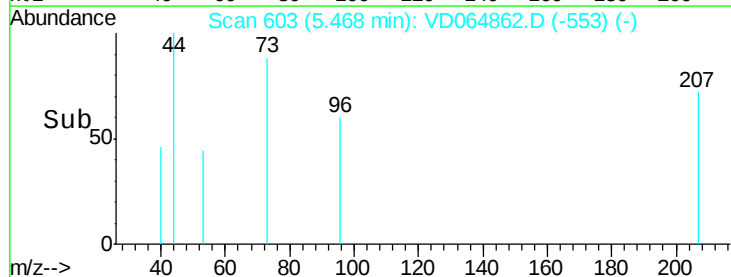
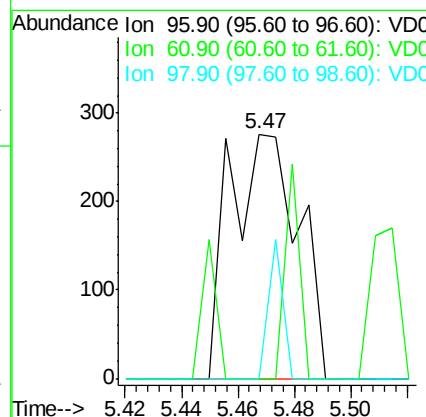
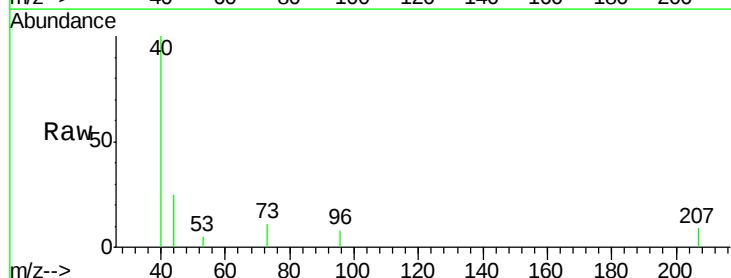
Instrument :
MSVOA_D
ClientSampleId :
EP-1

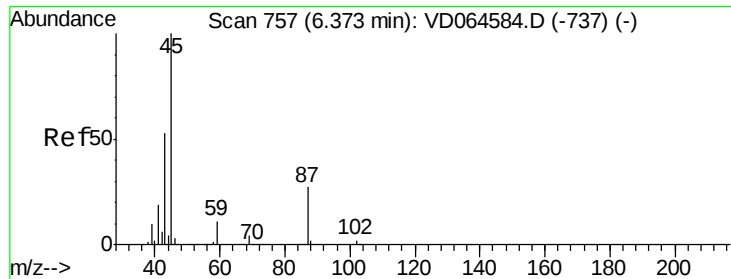
Tot Ion: 84 Resp: 133
Ion Ratio Lower Upper
84 100
49 0.0 97.2 145.8#
51 0.0 31.4 47.0#
86 0.0 49.3 73.9#



#21
trans-1,2-Dichloroethene
Concen: 5.596 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#





#22

Diisopropyl ether

Concen: 2.588 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

Tot Ion: 45 Resp: 591

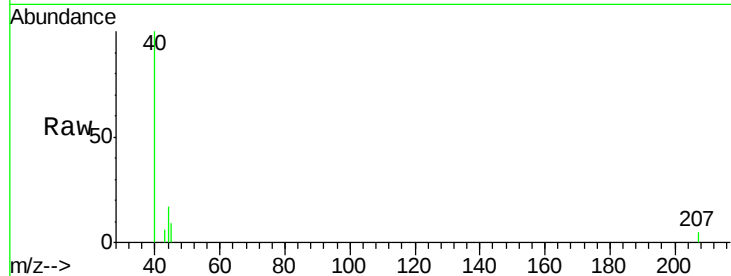
Ion Ratio Lower Upper

45 100

43 65.8 43.2 64.8#

87 0.0 21.9 32.9#

59 0.0 9.0 13.4#

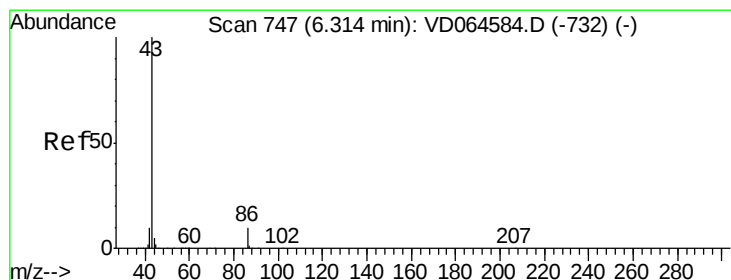
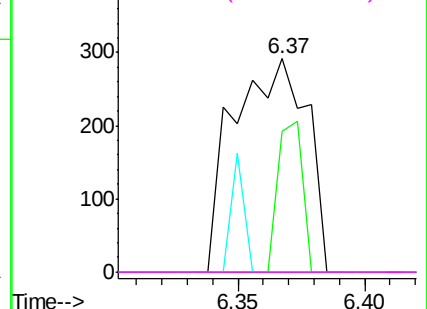
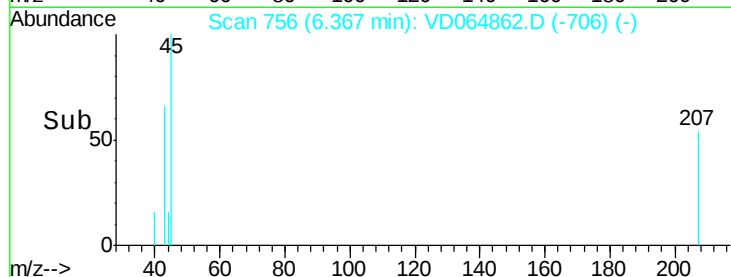


Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 1.088 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.06 min

Lab File: VD064862.D

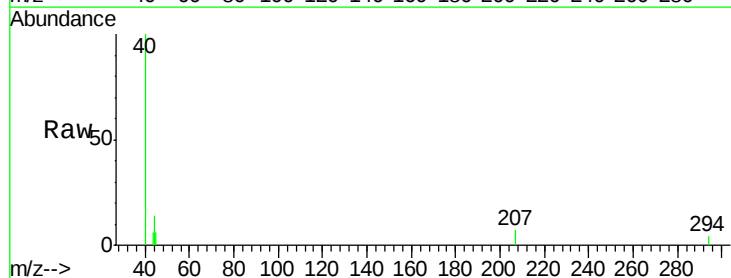
Acq: 17 Jan 2020 14:47

Tgt Ion: 43 Resp: 141

Ion Ratio Lower Upper

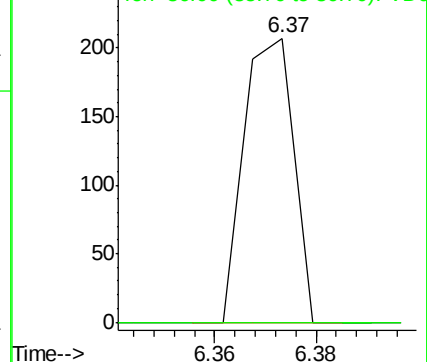
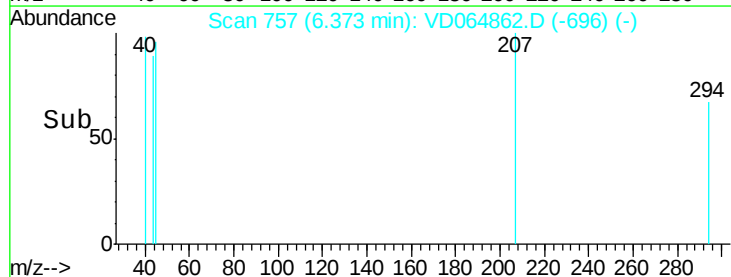
43 100

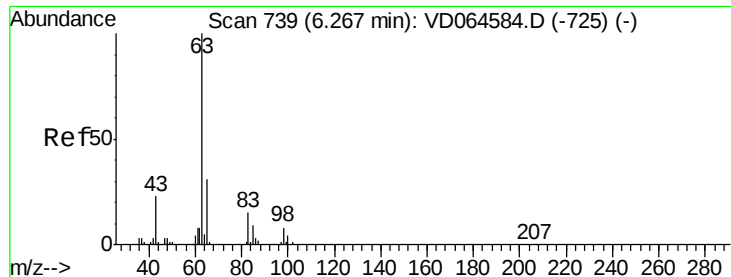
86 0.0 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC





#24

1,1-Dichloroethane

Concen: 3.516 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

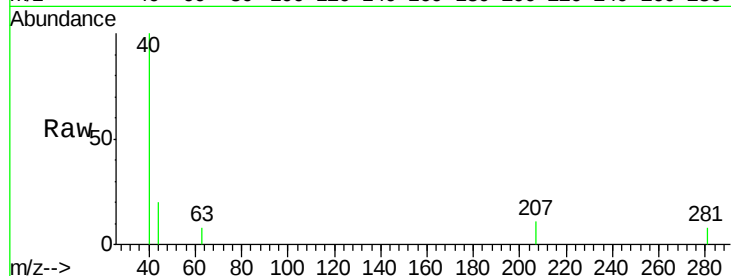
Tot Ion: 63 Resp: 482

Ion Ratio Lower Upper

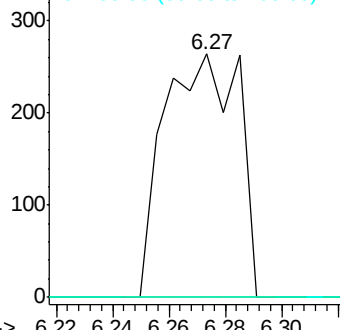
63 100

98 0.0 4.1 12.3#

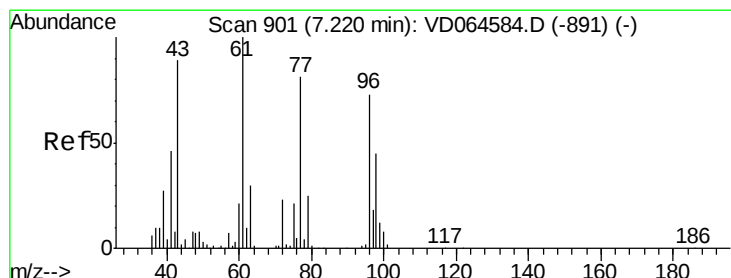
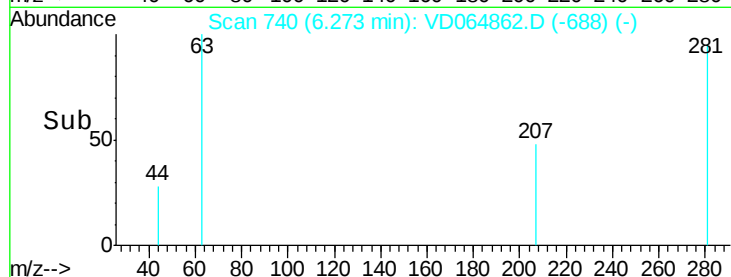
100 0.0 2.2 6.6#



Abundance Ion 62.90 (62.60 to 63.60): VDC
Ion 97.90 (97.60 to 98.60): VDC
Ion 99.90 (99.60 to 100.60): VDC



Time--> 6.22 6.24 6.26 6.28 6.30



#25

2-Butanone

Concen: 5.289 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD064862.D

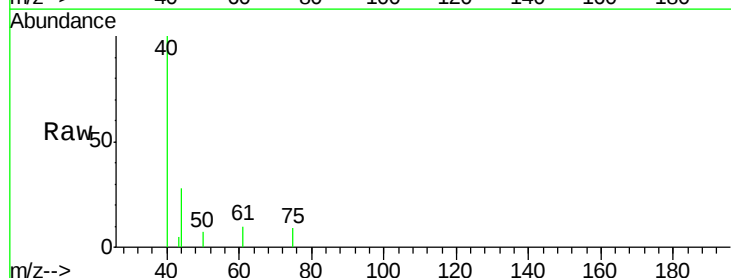
Acq: 17 Jan 2020 14:47

Tgt Ion: 43 Resp: 107

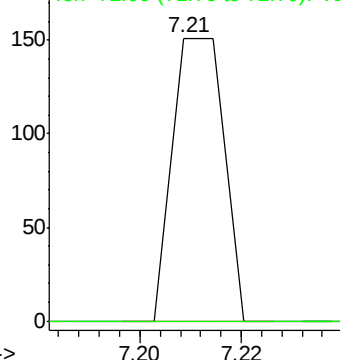
Ion Ratio Lower Upper

43 100

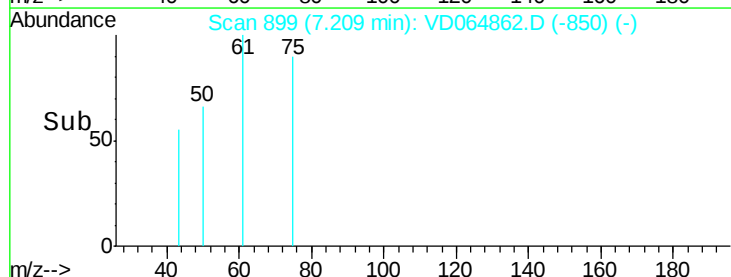
72 0.0 20.7 31.1#

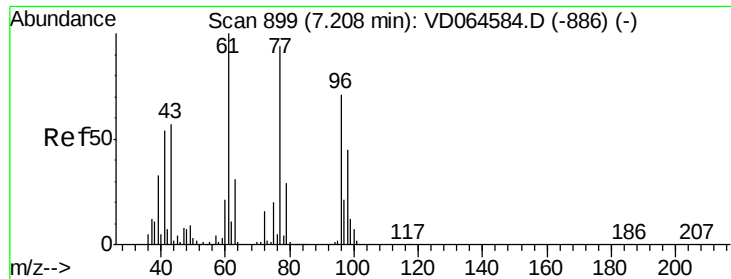


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC



Time--> 7.20 7.22





#26

2,2-Dichloropropane

Concen: 1.138 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

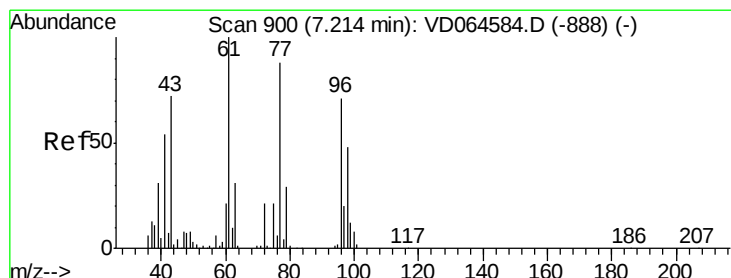
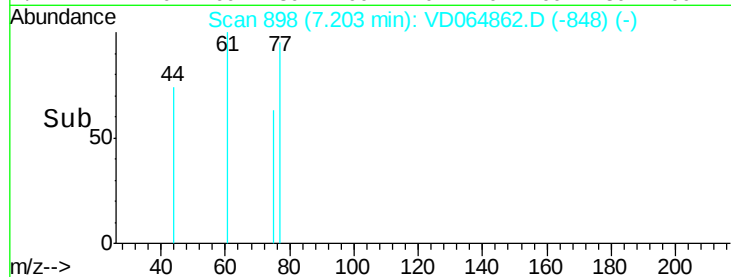
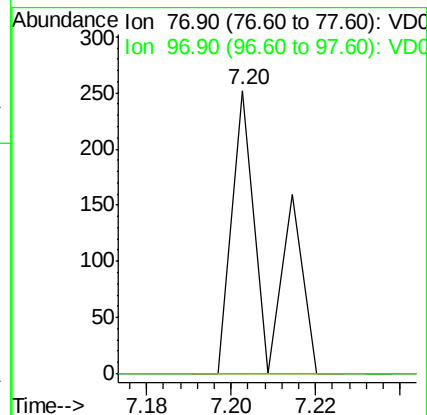
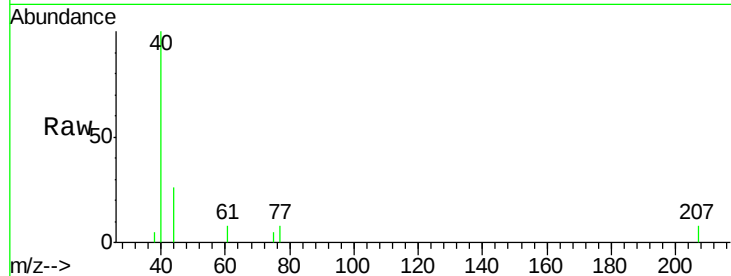
Instrument :
MSVOA_D
ClientSampled :
EP-1

Tot Ion: 77 Resp: 145

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.6#



#27

cis-1,2-Dichloroethene

Concen: 3.246 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

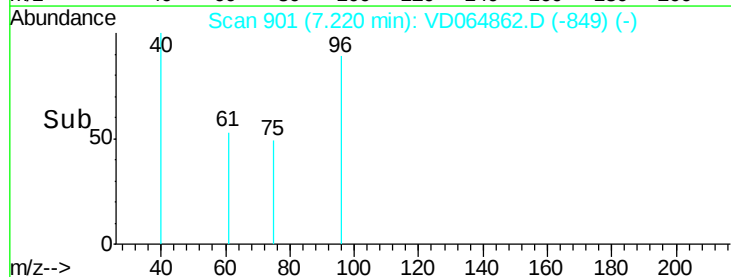
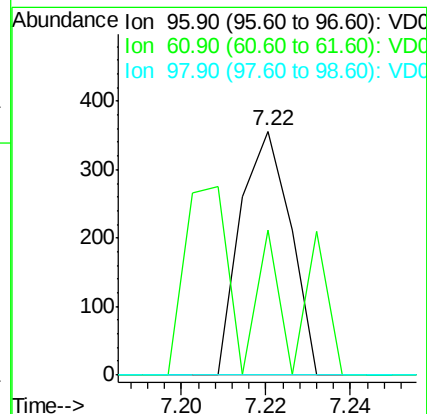
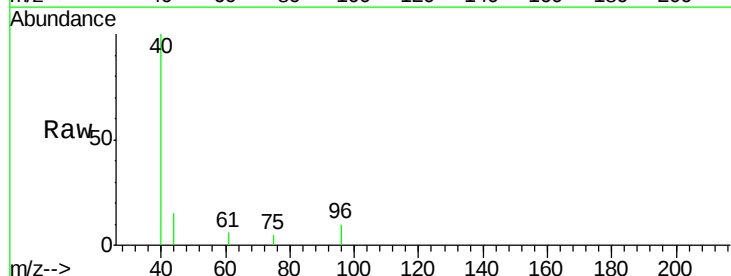
Tgt Ion: 96 Resp: 293

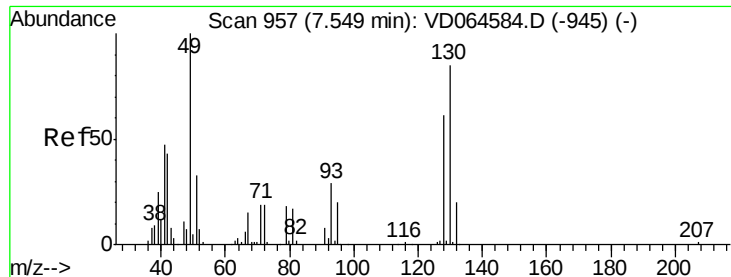
Ion Ratio Lower Upper

96 100

61 65.2 0.0 282.6

98 0.0 0.0 130.8





#28

Bromochloromethane

Concen: 1.088 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

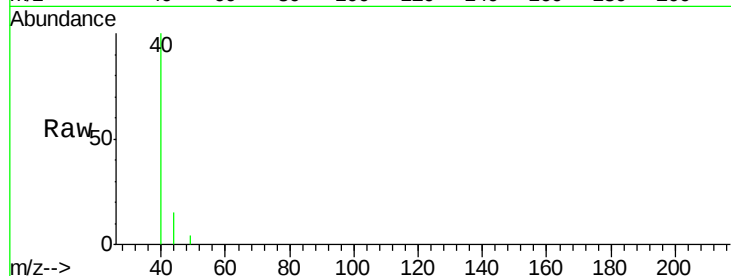
Tot Ion: 49 Resp: 58

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

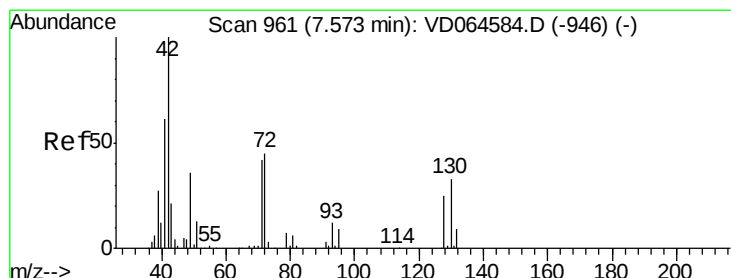
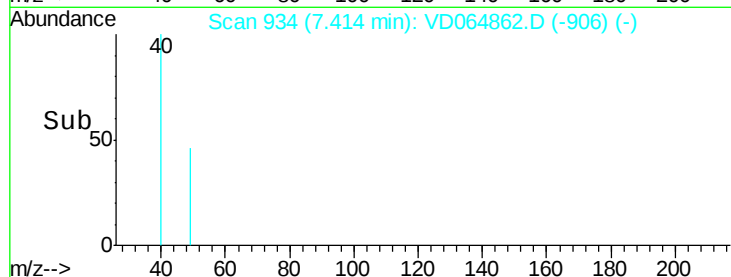
100

50

0

7.40 7.41 7.42 7.43

Time-->



#29

Tetrahydrofuran

Concen: 4.213 ug/l

RT: 7.59 min Scan# 963

Delta R.T. 0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

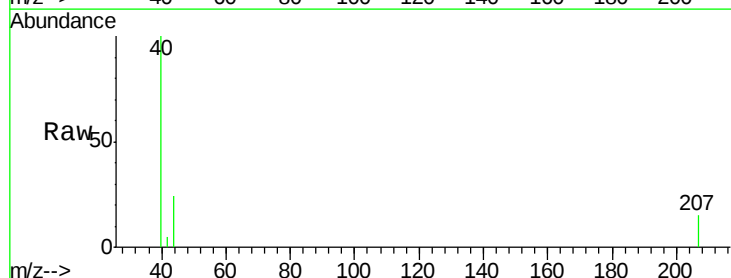
Tgt Ion: 42 Resp: 53

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

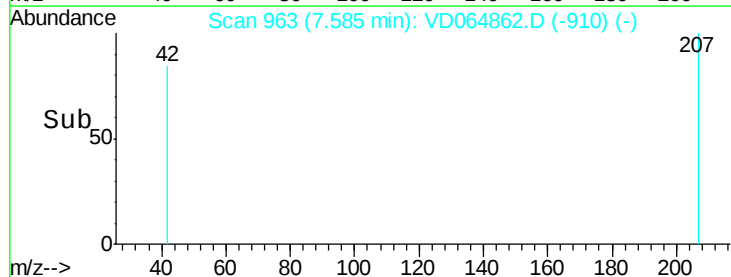
100

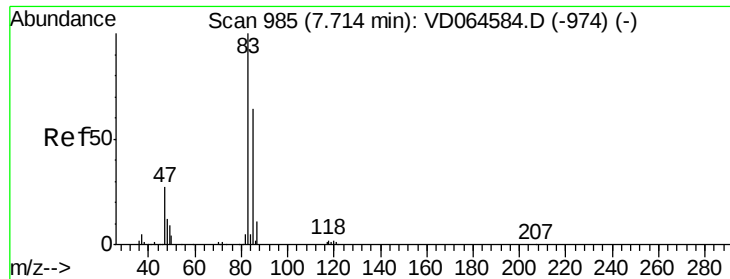
50

0

7.57 7.58 7.59 7.60

Time-->





#30

Chloroform

Concen: 1.342 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 :

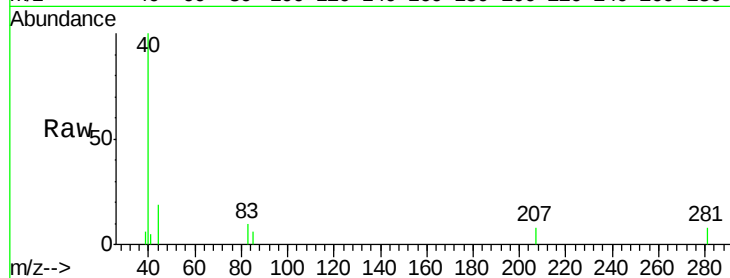
EP-1

Tot Ion: 83 Resp: 193

Ion Ratio Lower Upper

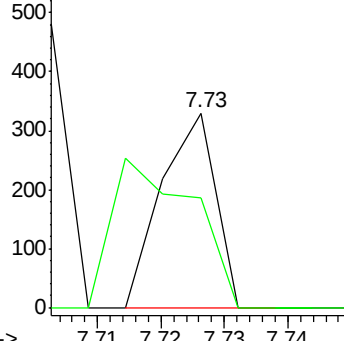
83 100

85 56.1 51.1 76.7

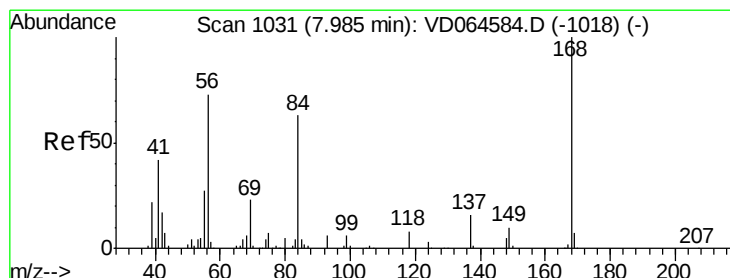
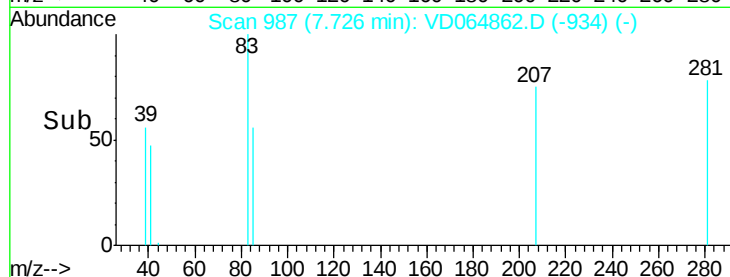


Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC



Time-->



#31

Cyclohexane

Concen: 6.230 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

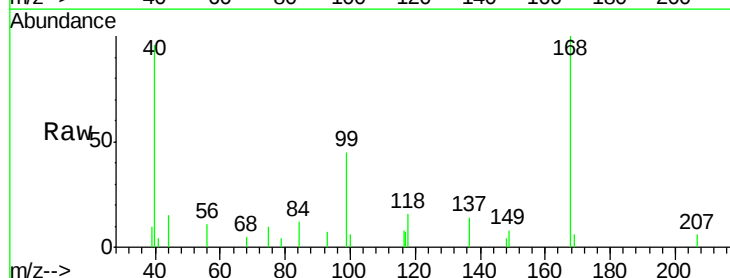
Tgt Ion: 56 Resp: 855

Ion Ratio Lower Upper

56 100

69 0.0 24.7 37.1#

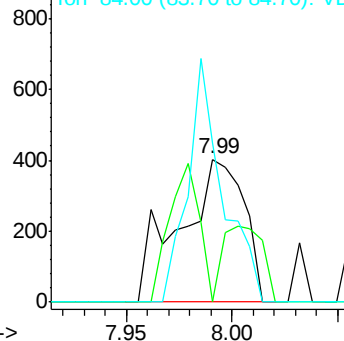
84 111.4 69.4 104.2#



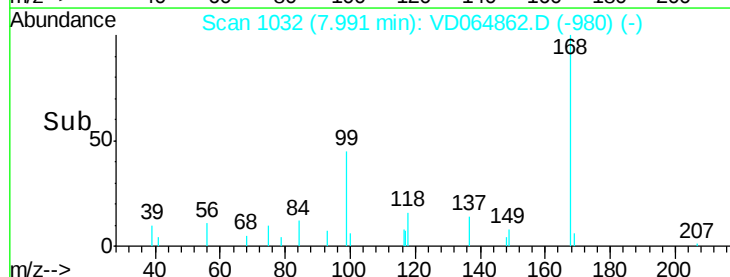
Abundance Ion 56.00 (55.70 to 56.70): VDC

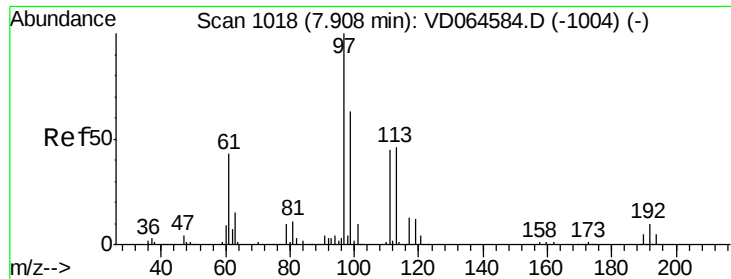
Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC



Time-->





#32

1,1,1-Trichloroethane

Concen: 2.198 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

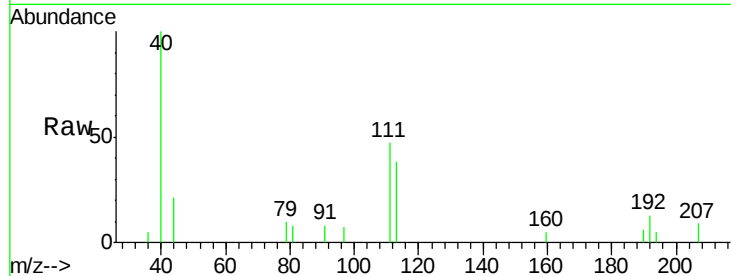
Tot Ion: 97 Resp: 297

Ion Ratio Lower Upper

97 100

99 0.0 51.0 76.6#

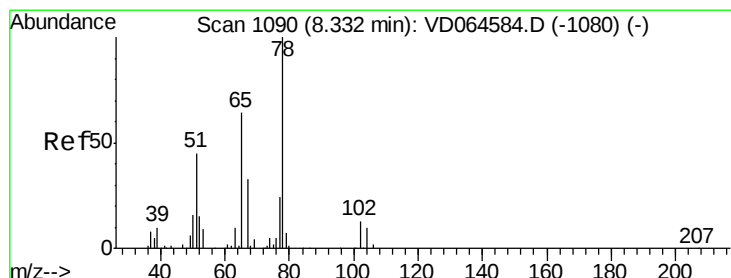
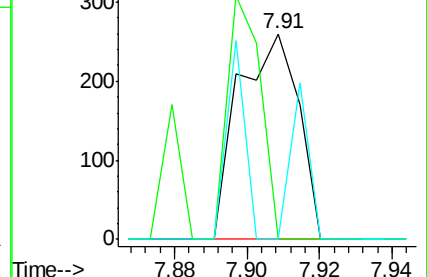
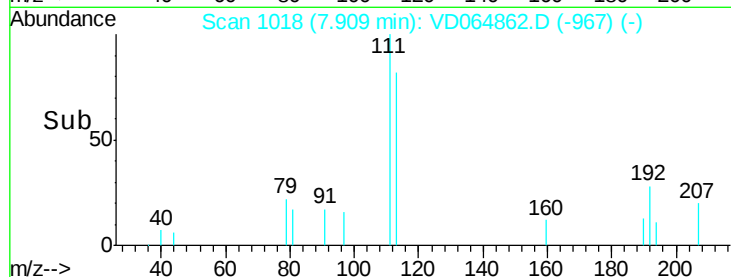
61 23.6 35.4 53.0#



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: 75.214 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD064862.D

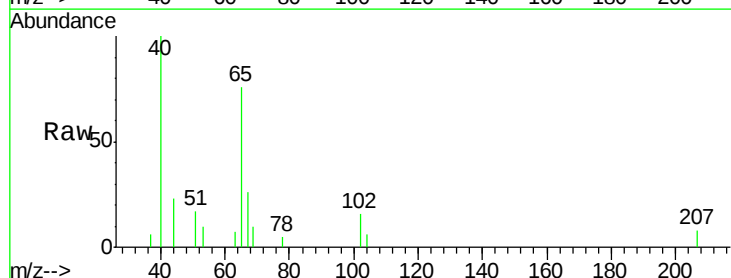
Acq: 17 Jan 2020 14:47

Tgt Ion: 65 Resp: 5536

Ion Ratio Lower Upper

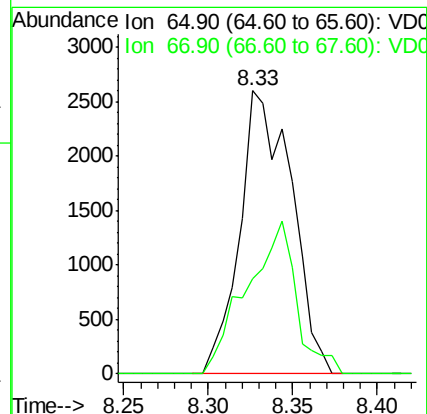
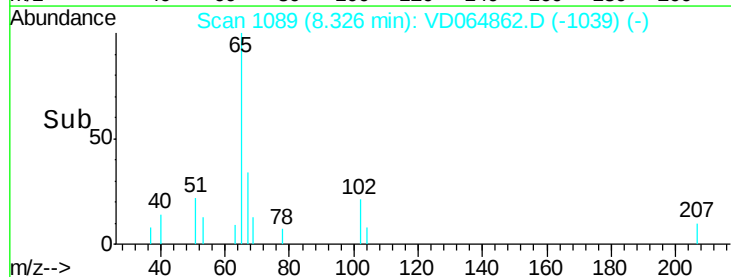
65 100

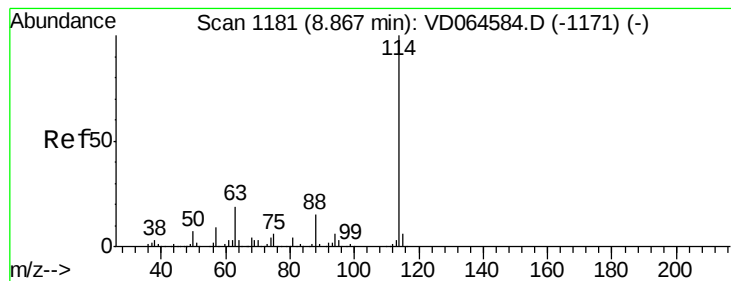
67 52.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 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

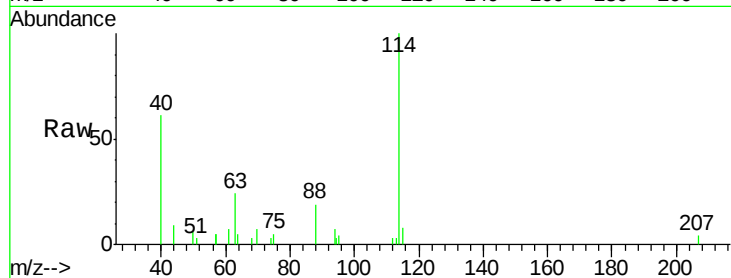
Tot Ion:114 Resp: 11880

Ion Ratio Lower Upper

114 100

63 24.4 0.0 38.0

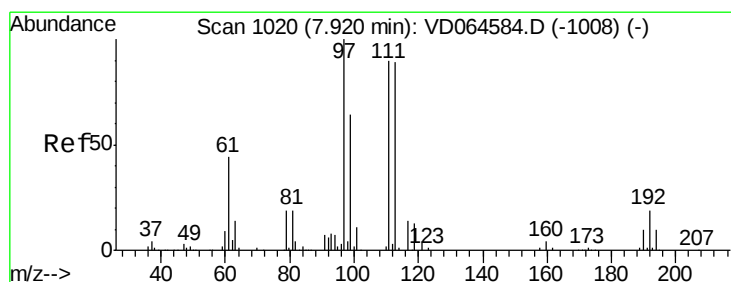
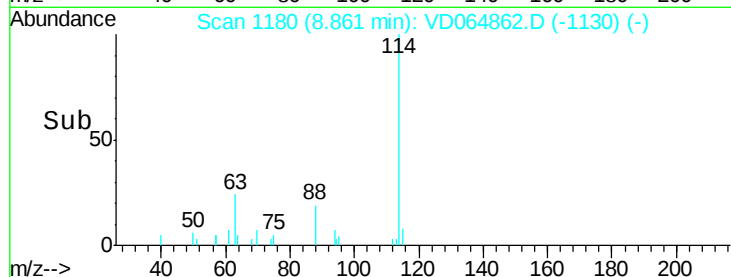
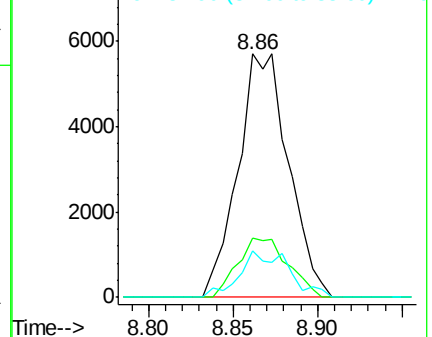
88 19.2 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 68.395 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

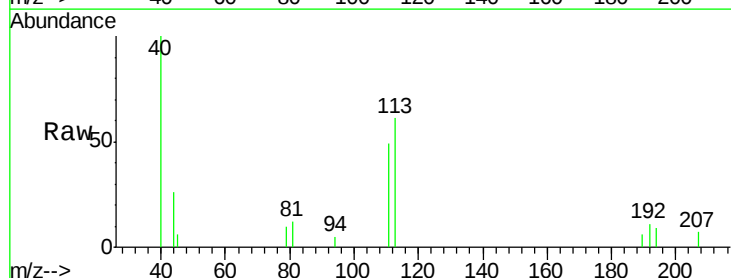
Tgt Ion:113 Resp: 4985

Ion Ratio Lower Upper

113 100

111 87.3 80.6 121.0

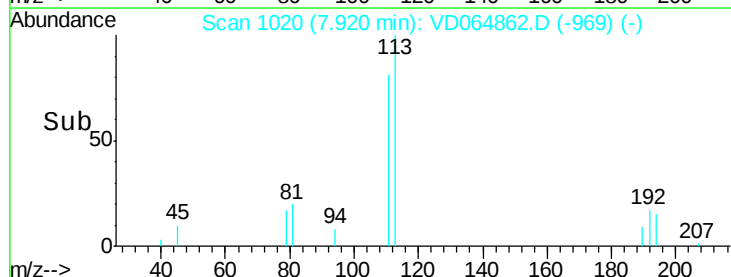
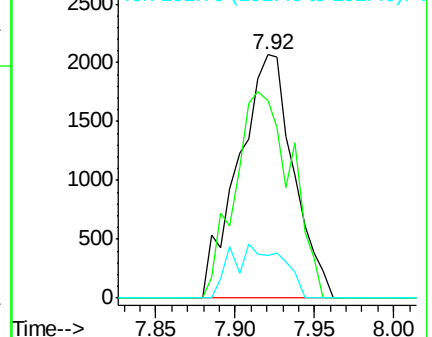
192 20.7 17.9 26.9

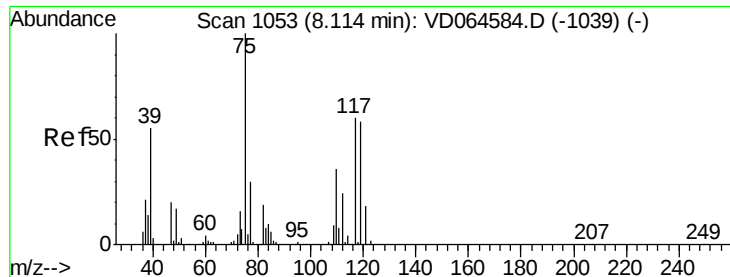


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.763 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

ClientSampleId :

EP-1

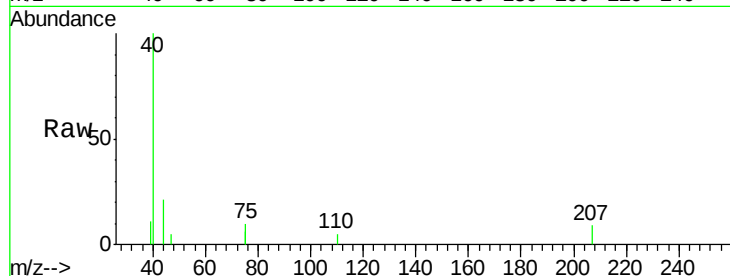
Tot Ion: 75 Resp: 659

Ion Ratio Lower Upper

75 100

110 0.0 18.1 54.1#

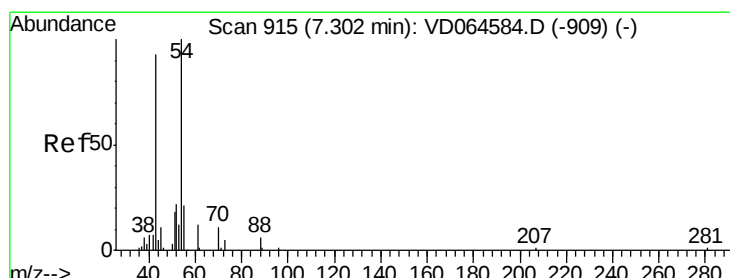
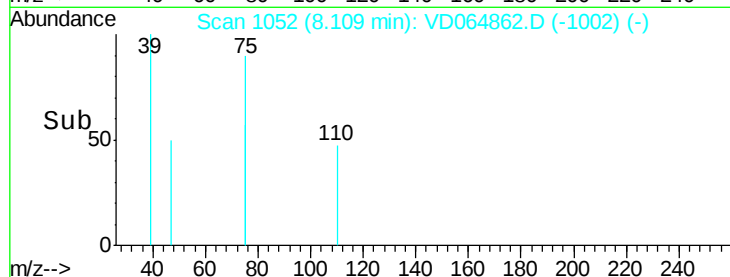
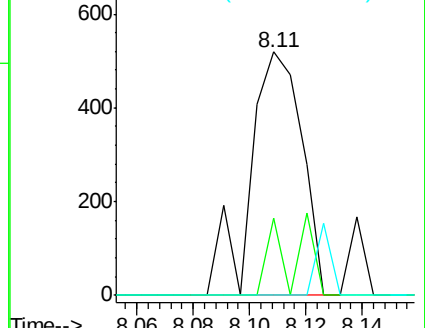
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#37

Ethyl Acetate

Concen: 2.382 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.09 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

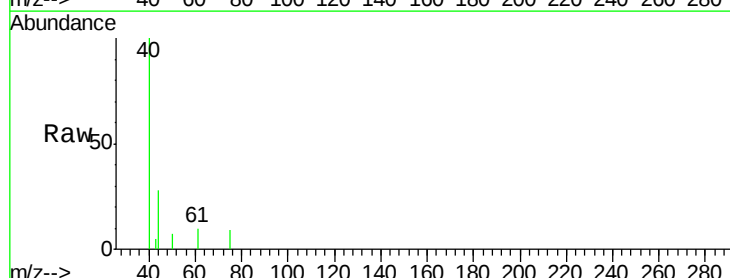
Tgt Ion: 43 Resp: 107

Ion Ratio Lower Upper

43 100

61 178.5 10.3 15.5#

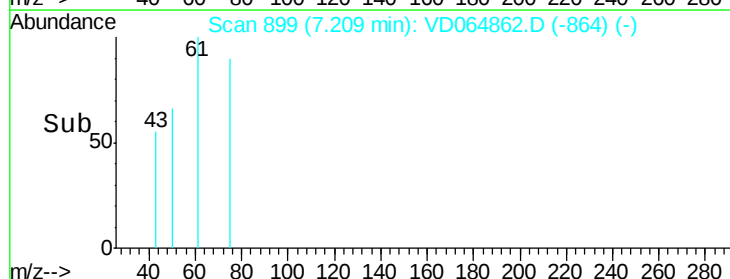
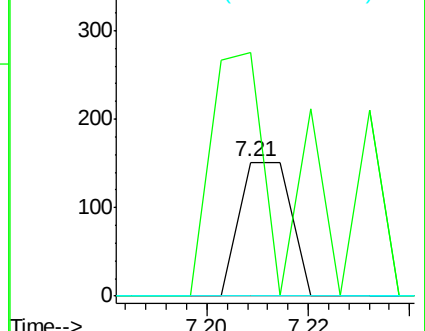
70 0.0 7.6 11.4#

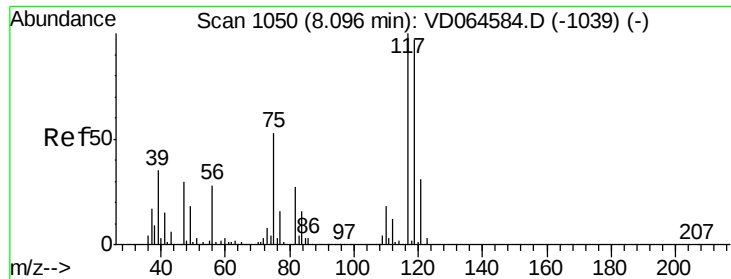


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC





#38

Carbon Tetrachloride

Concen: 7.095 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

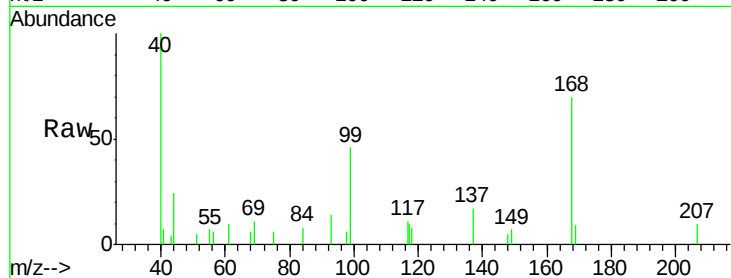
Tot Ion:117 Resp: 865

Ion Ratio Lower Upper

117 100

119 0.0 77.3 115.9#

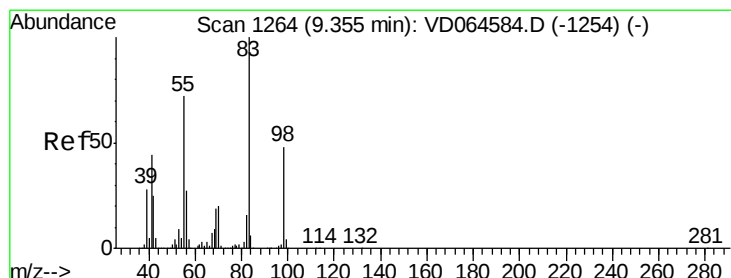
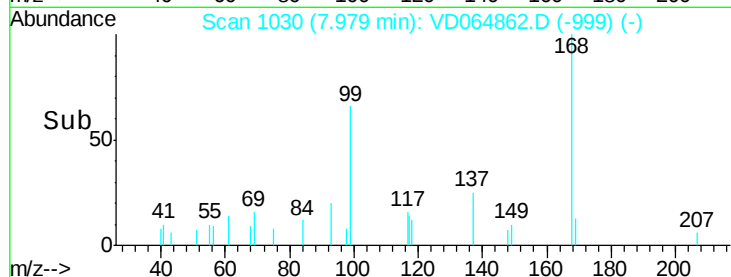
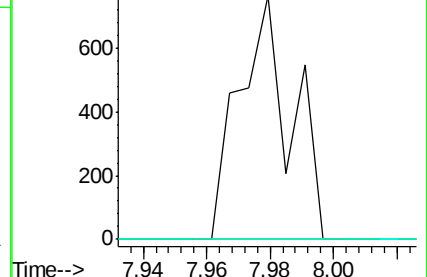
121 0.0 25.0 37.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 5.841 ug/l

RT: 9.36 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

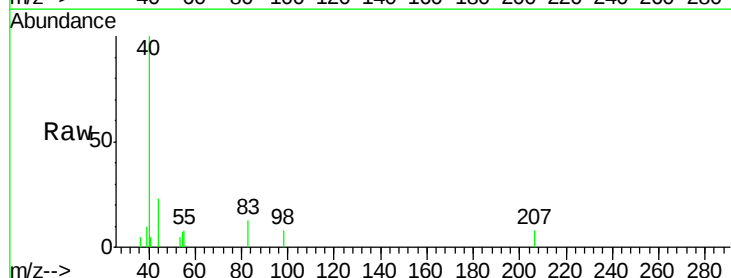
Tgt Ion: 83 Resp: 809

Ion Ratio Lower Upper

83 100

55 107.5 57.8 86.6#

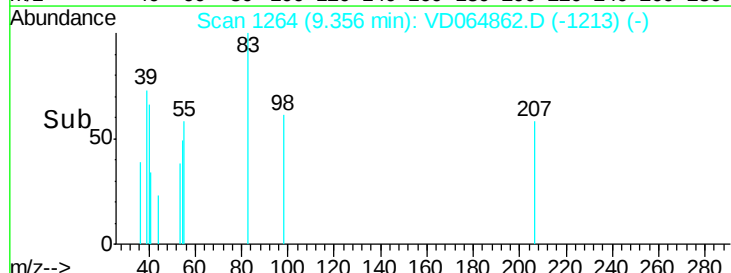
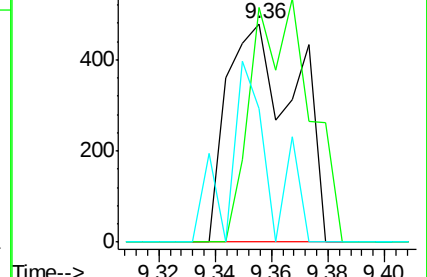
98 61.0 38.7 58.1#

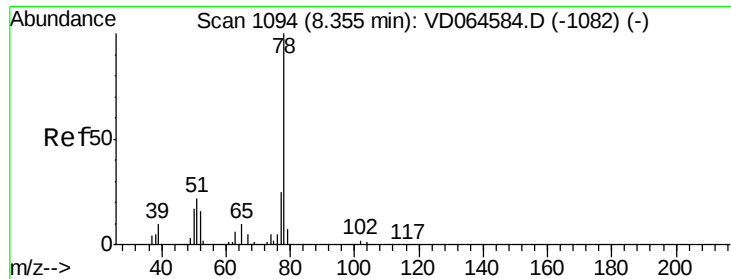


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 4.591 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 :

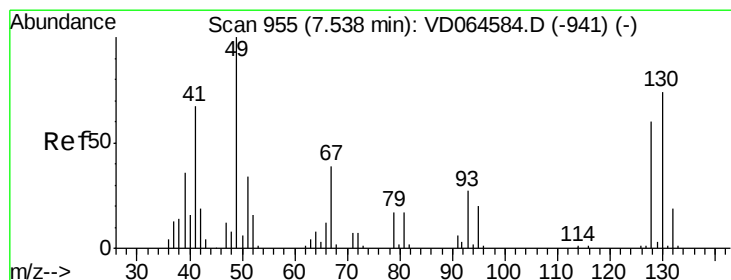
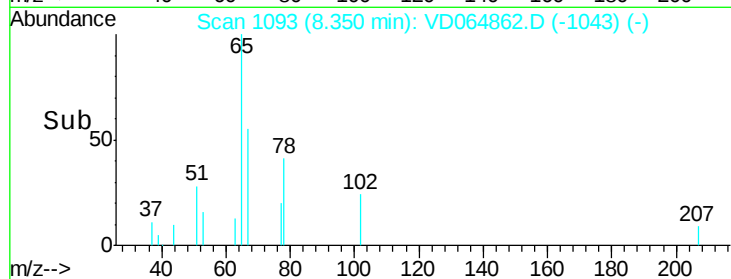
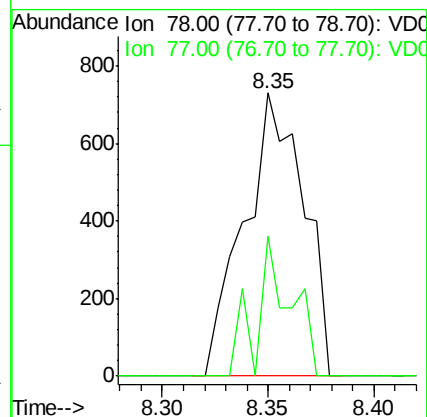
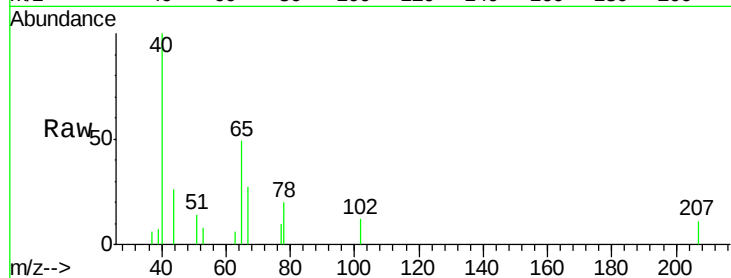
EP-1

Tot Ion: 78 Resp: 1433

Ion Ratio Lower Upper

78 100

77 49.5 19.9 29.9#



#41

Methacrylonitrile

Concen: 4.029 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

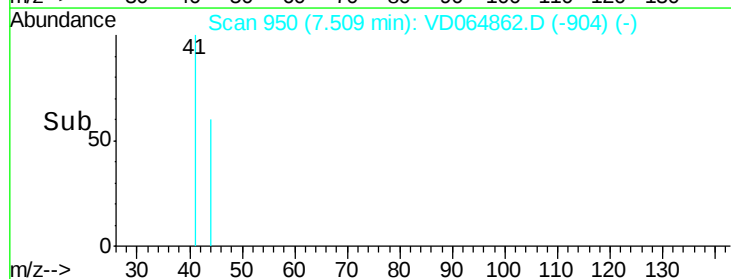
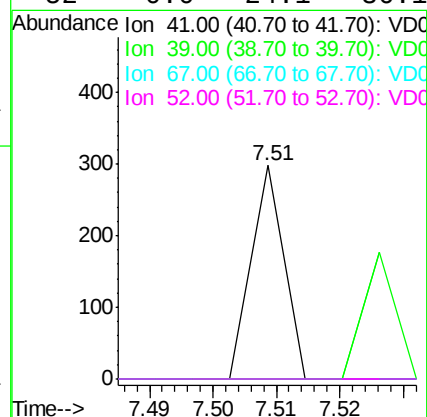
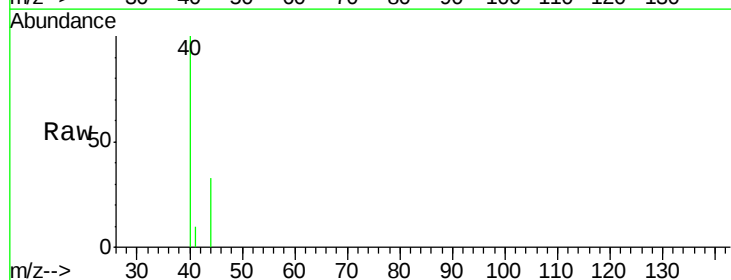
Ion Ratio Lower Upper

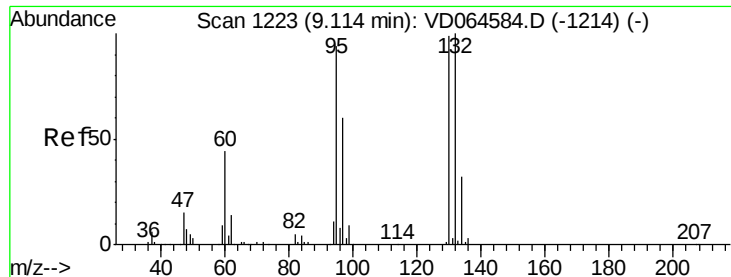
41 100

39 59.0 46.7 70.1

67 0.0 52.5 78.7#

52 0.0 24.1 36.1#





#44

Trichloroethene

Concen: 7.067 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 :

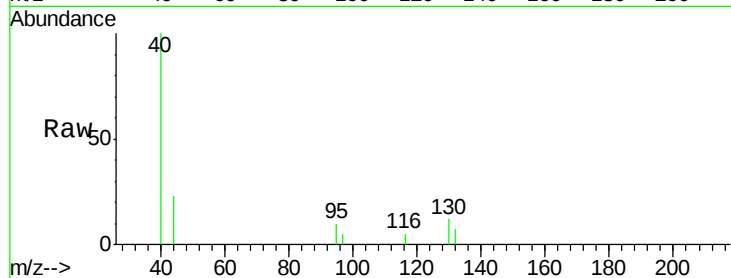
EP-1

Tot 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

800

600

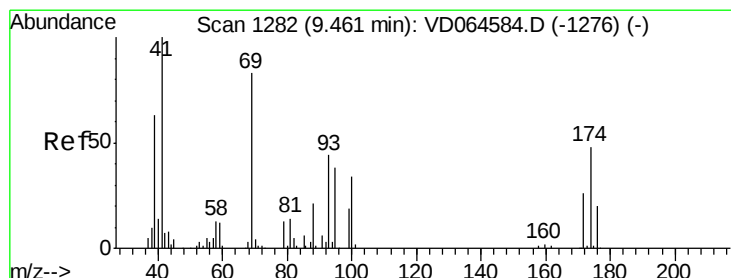
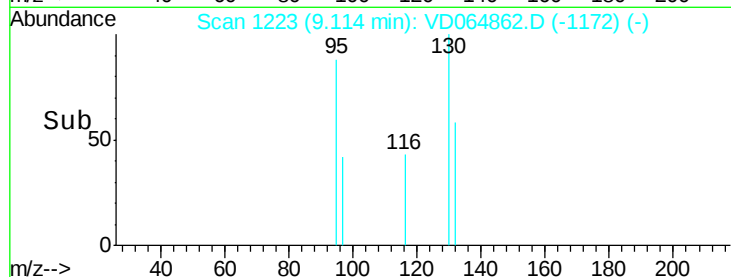
400

200

0

9.06 9.08 9.10 9.12 9.14

Time-->



#48

Methyl methacrylate

Concen: 4.109 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

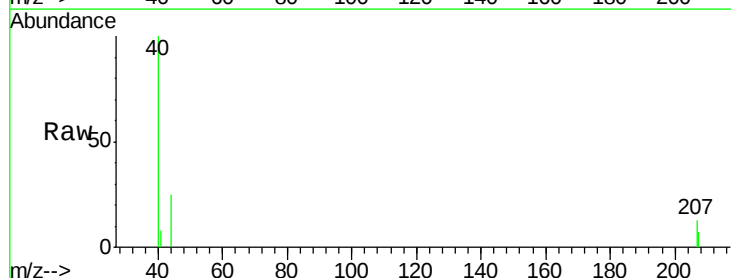
Tgt Ion: 41 Resp: 173

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

300

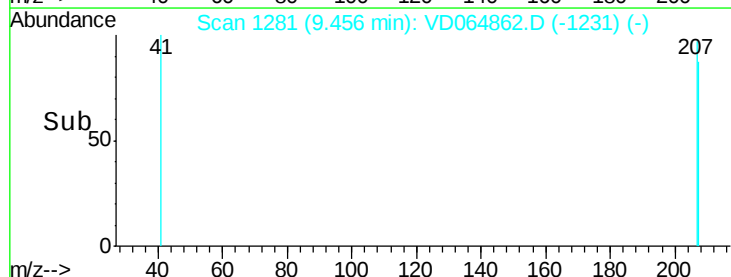
200

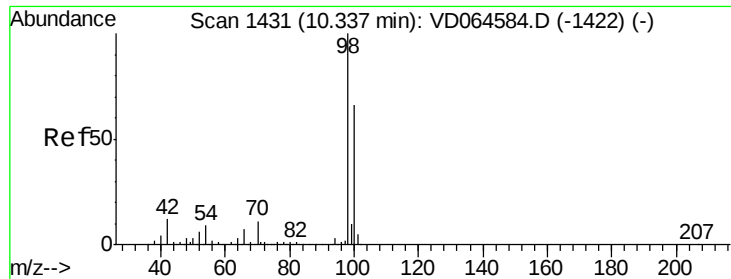
100

0

9.44 9.46

Time-->

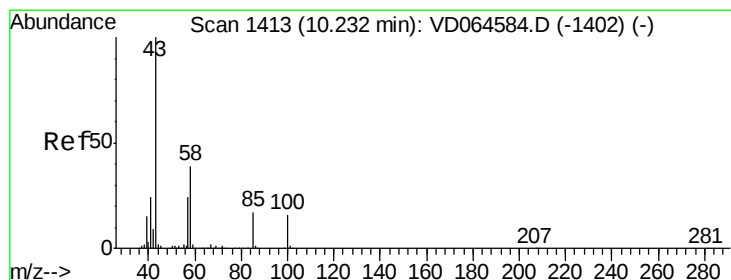
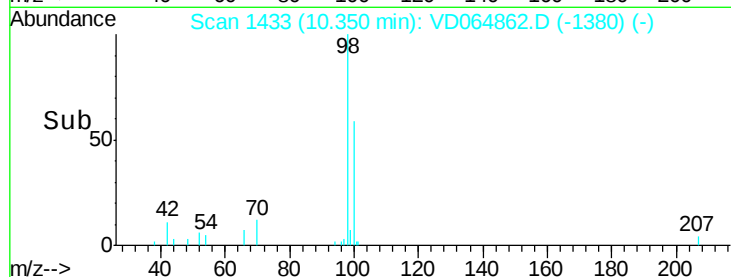
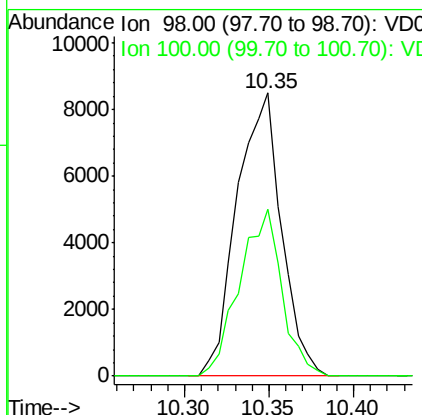
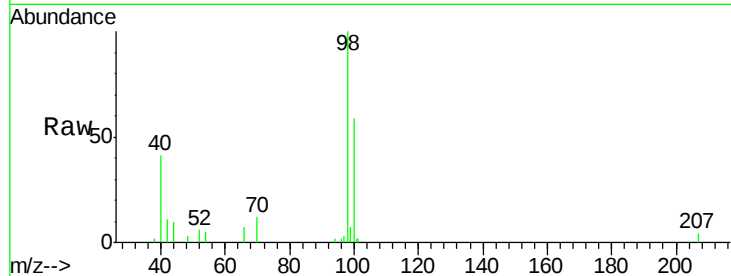




#50
Toluene-d8
Concen: 55.702 ug/l
RT: 10.35 min Scan# 1433
Delta R.T. 0.01 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

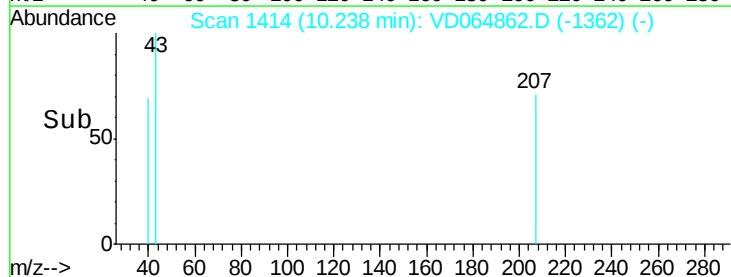
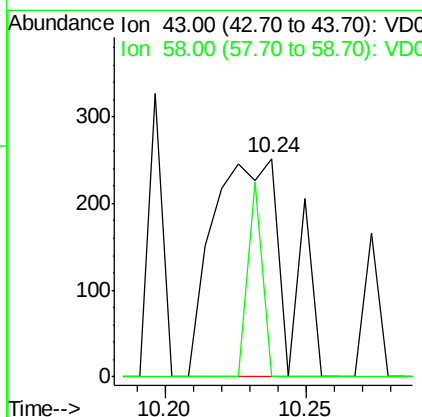
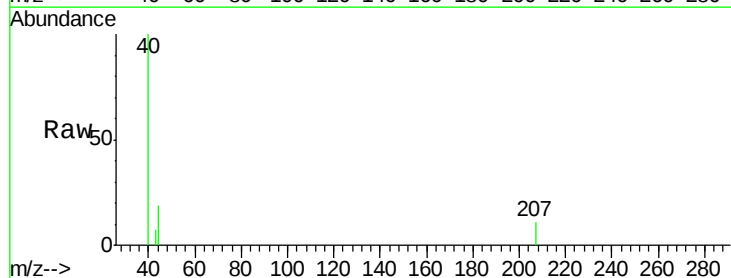
Instrument :
MSVOA_D
ClientSampleId :
EP-1

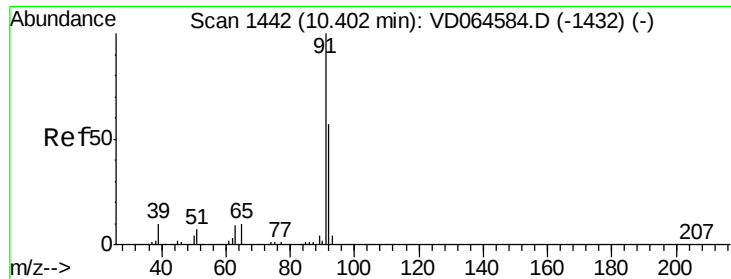
Tot Ion: 98 Resp: 15549
Ion Ratio Lower Upper
98 100
100 56.4 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 10.386 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: 4.175 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 :

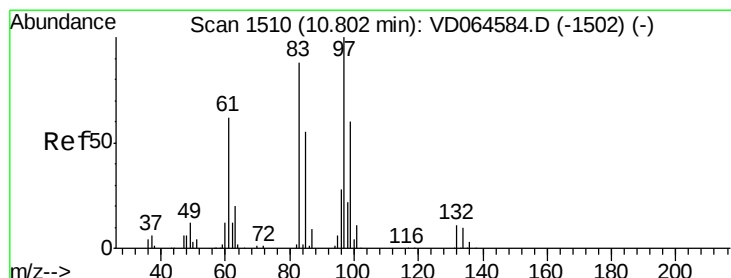
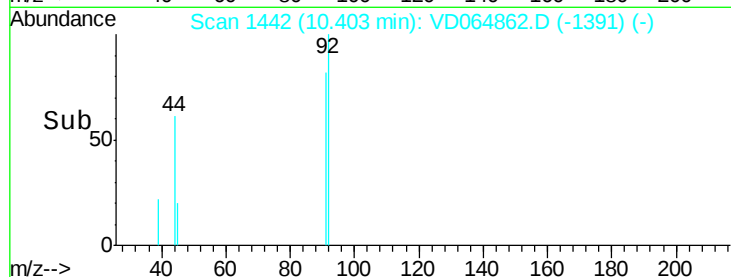
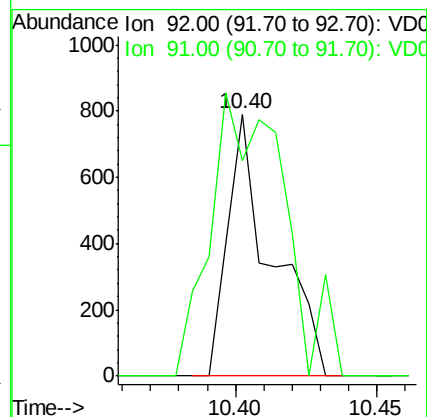
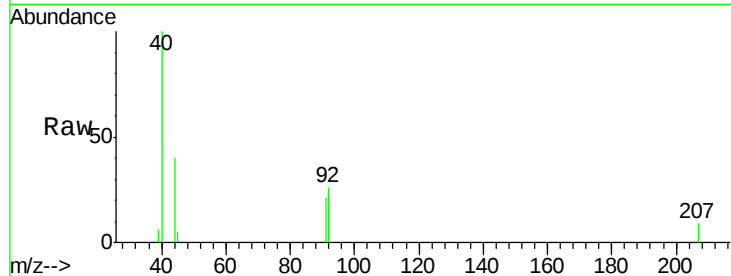
EP-1

Tot Ion: 92 Resp: 855

Ion Ratio Lower Upper

92 100

91 180.5 138.7 208.1



#55

1,1,2-Trichloroethane

Concen: 1.125 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

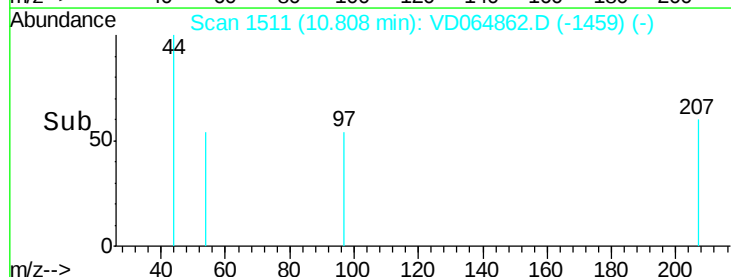
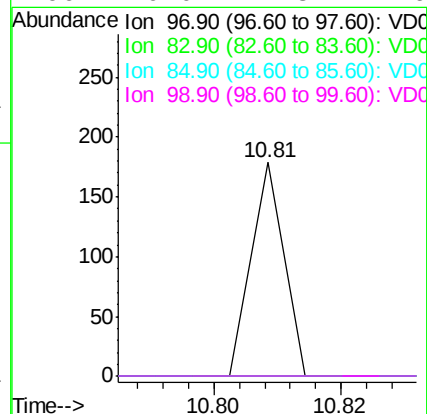
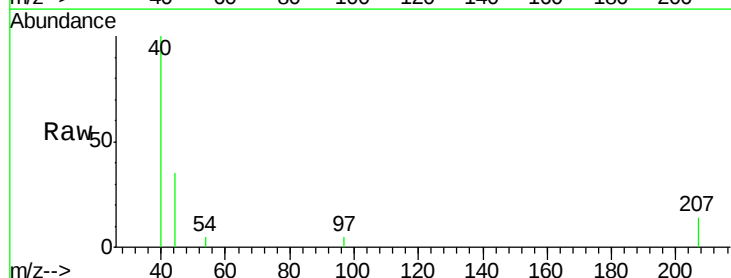
Ion Ratio Lower Upper

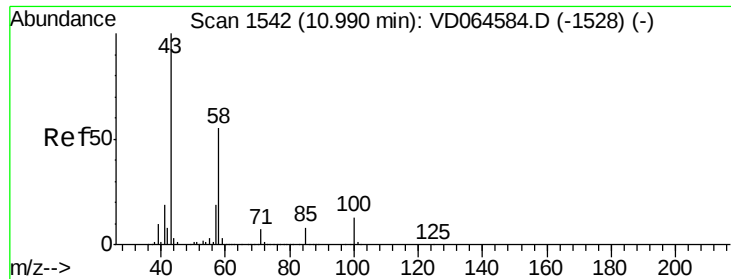
97 100

83 0.0 70.2 105.4#

85 0.0 44.0 66.0#

99 0.0 47.8 71.6#

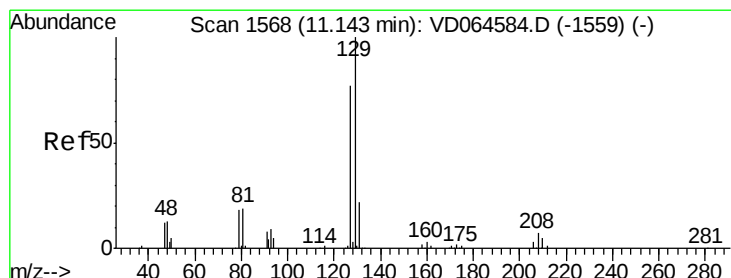
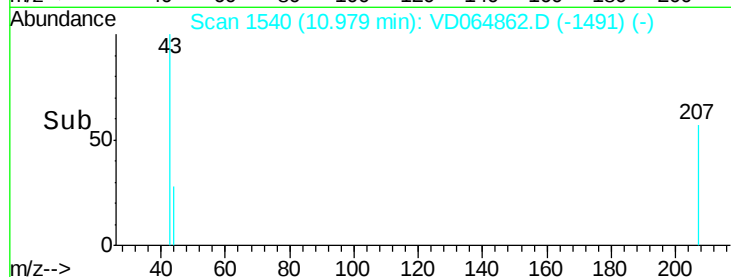
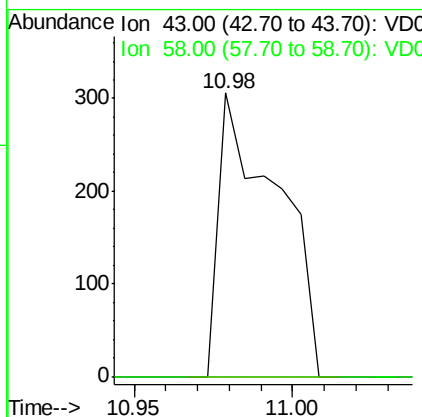
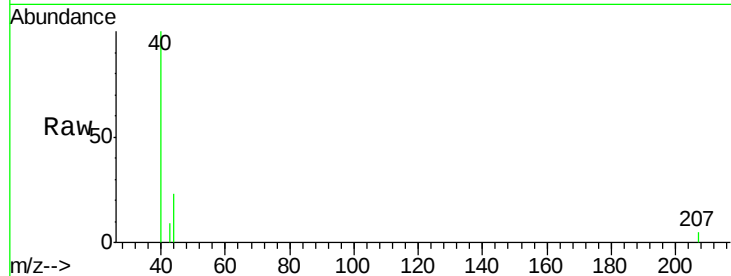




#59
2-Hexanone
Concen: 13.135 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

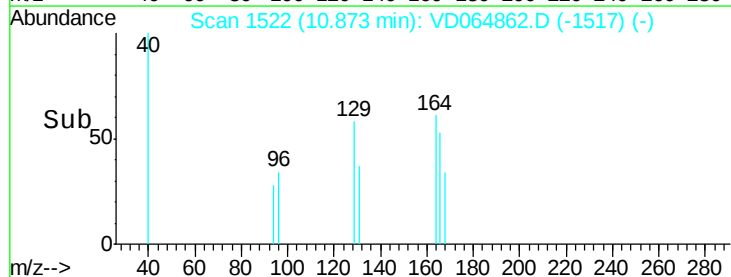
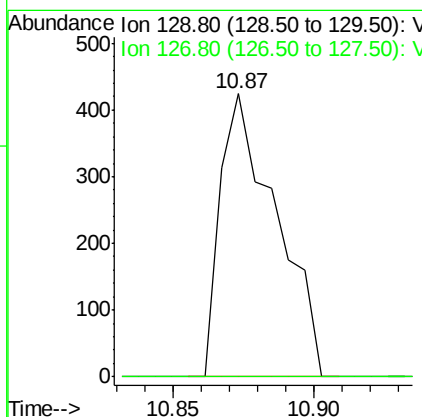
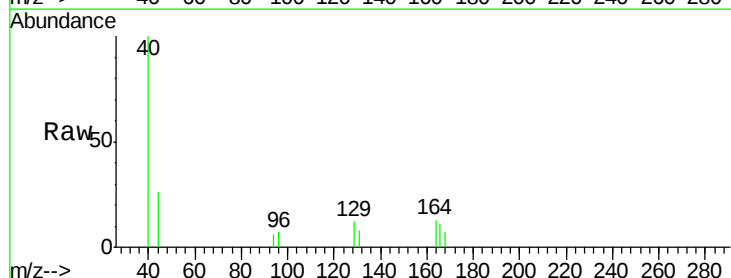
Instrument :
MSVOA_D
ClientSampleId :
EP-1

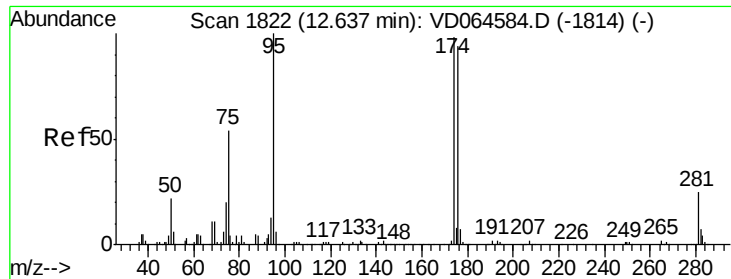
Tot Ion: 43 Resp: 394
Ion Ratio Lower Upper
43 100
58 0.0 26.4 79.0#



#60
Dibromochloromethane
Concen: 7.516 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#

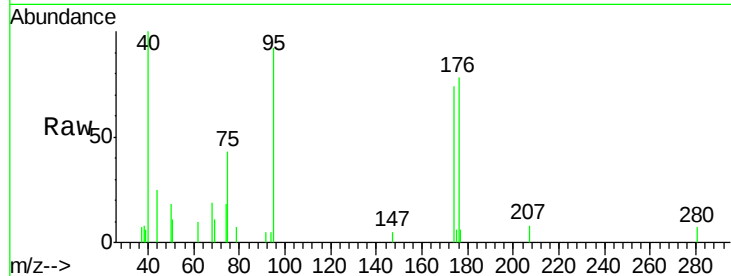




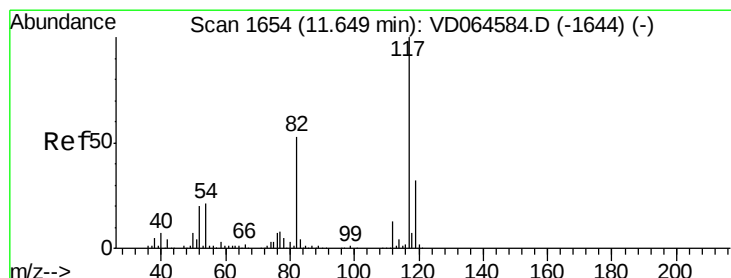
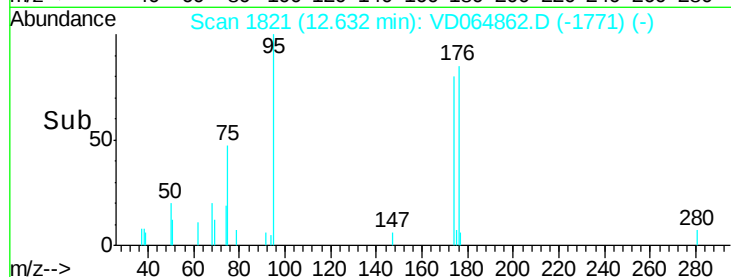
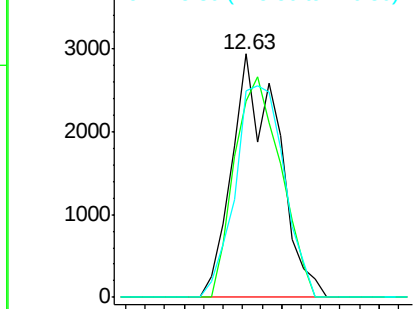
#62
4-Bromofluorobenzene
Concen: 54.312 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

Instrument :
MSVOA_D
ClientSampleId :
EP-1

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

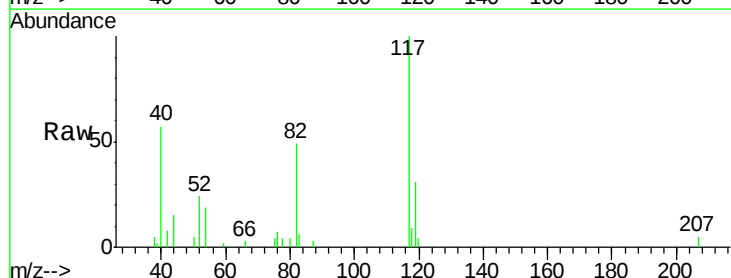


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

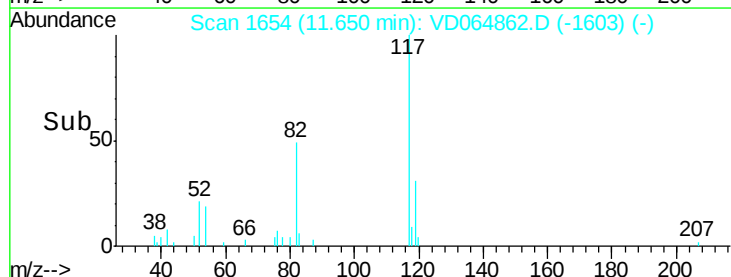
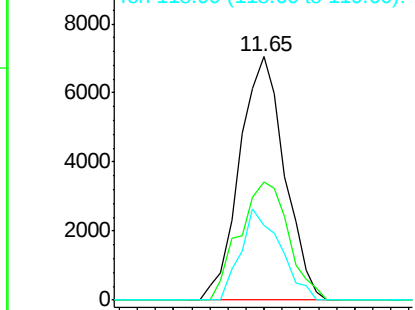


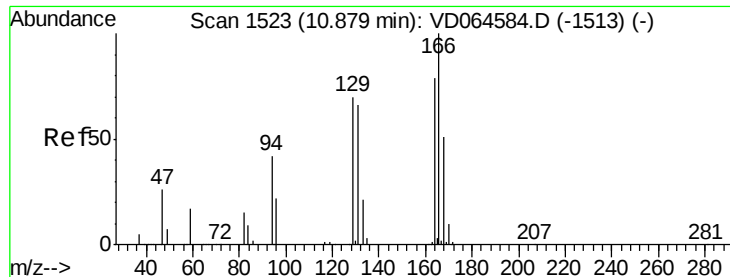
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

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

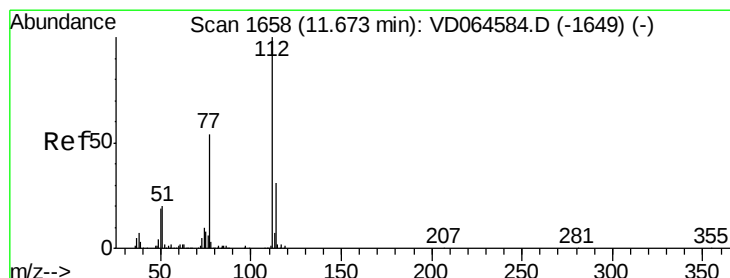
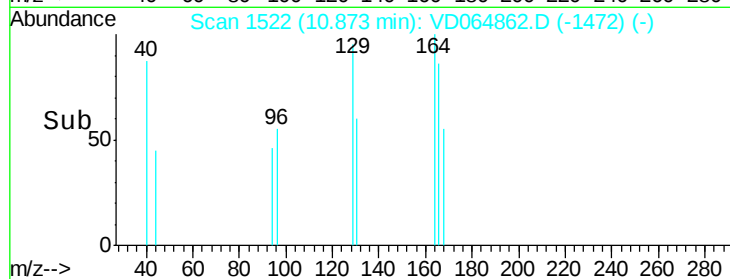
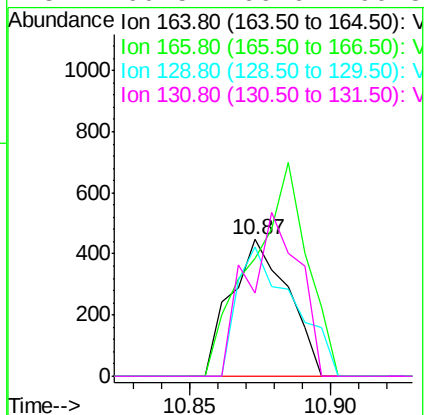
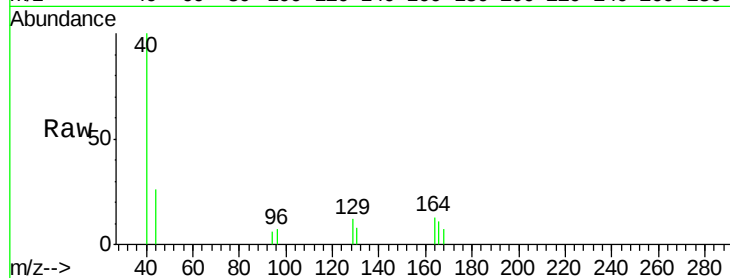




#64
Tetrachloroethene
Concen: 6.737 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.01 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

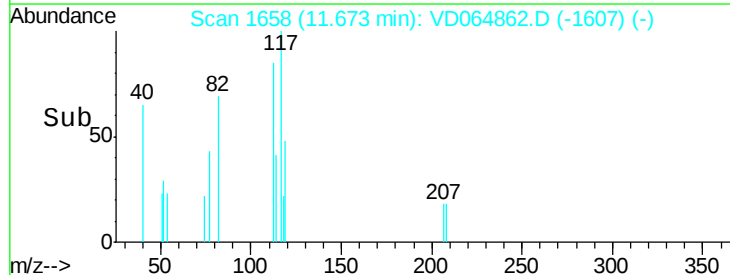
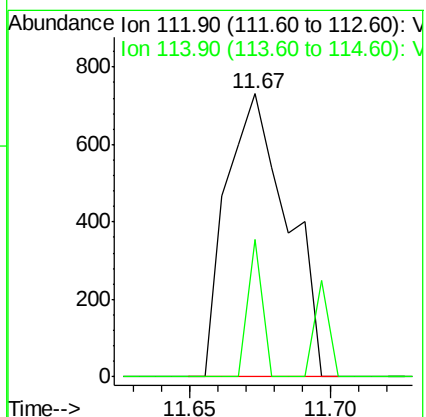
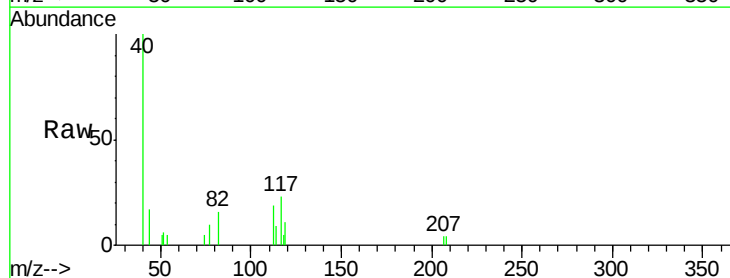
Instrument :
MSVOA_D
ClientSampleId :
EP-1

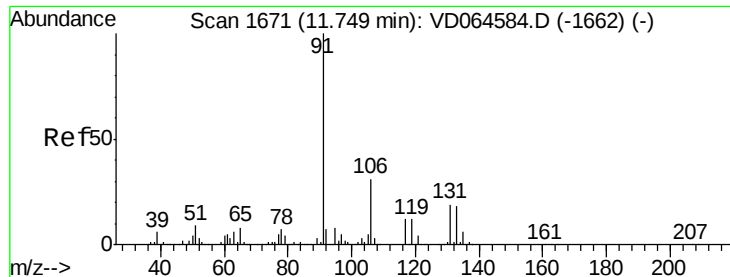
Tot Ion:164 Resp: 628
Ion Ratio Lower Upper
164 100
166 86.2 101.3 151.9#
129 94.6 70.5 105.7
131 60.5 66.6 99.8#



#65
Chlorobenzene
Concen: 4.346 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#

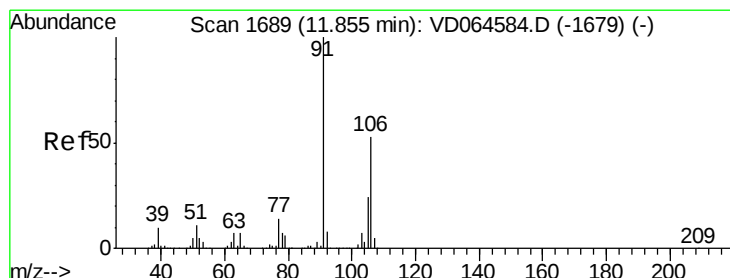
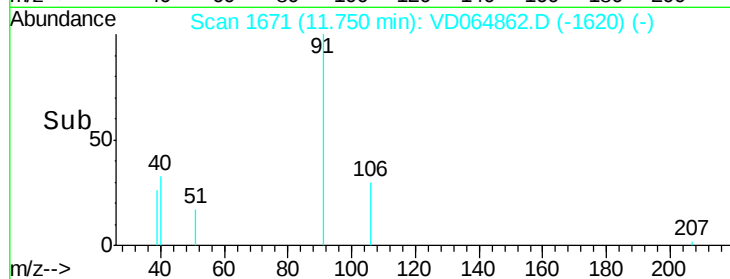
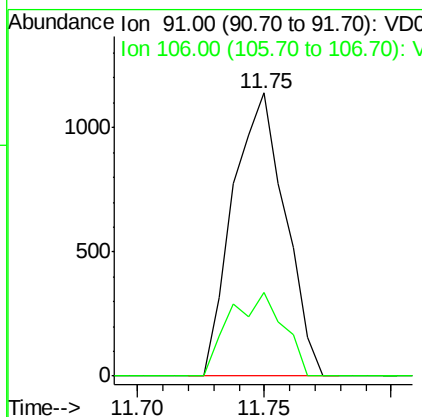
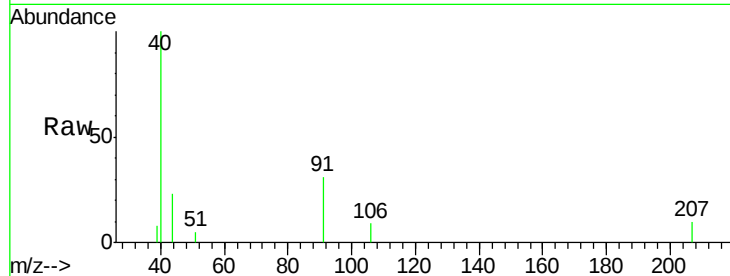




#67
Ethyl Benzene
Concen: 3.583 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

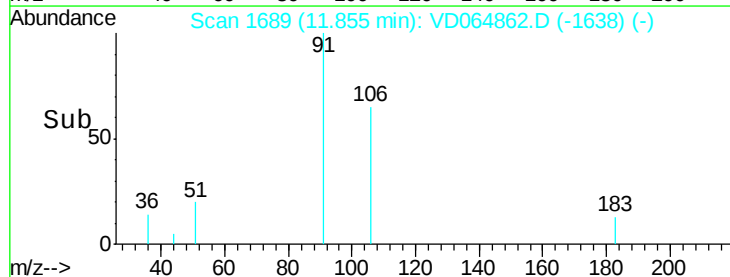
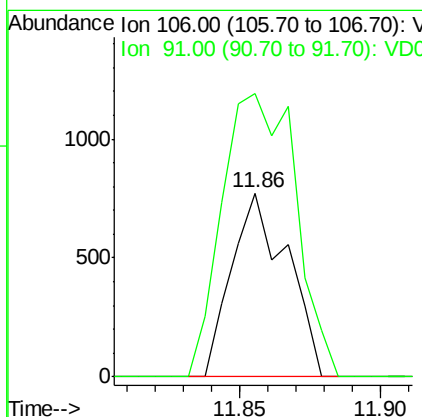
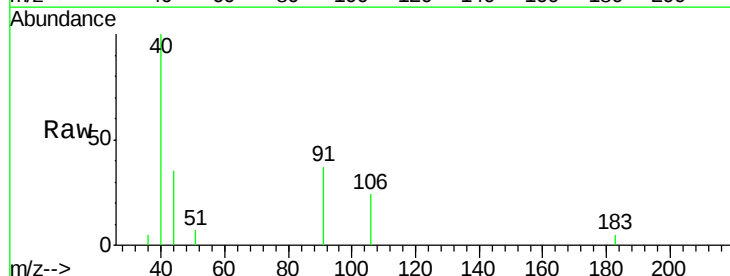
Instrument :
MSVOA_D
ClientSampled :
EP-1

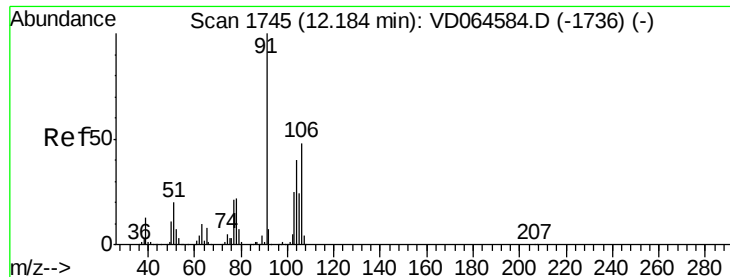
Tot Ion: 91 Resp: 1640
Ion Ratio Lower Upper
91 100
106 29.6 24.6 36.8



#68
m/p-Xylenes
Concen: 5.989 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

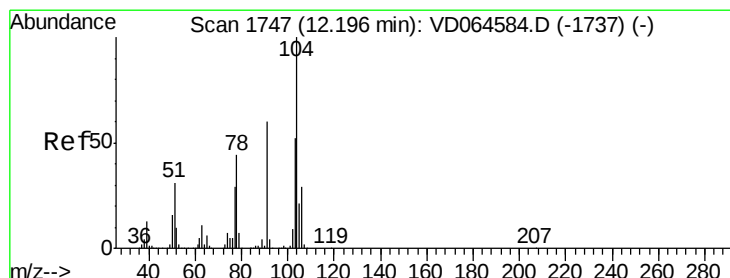
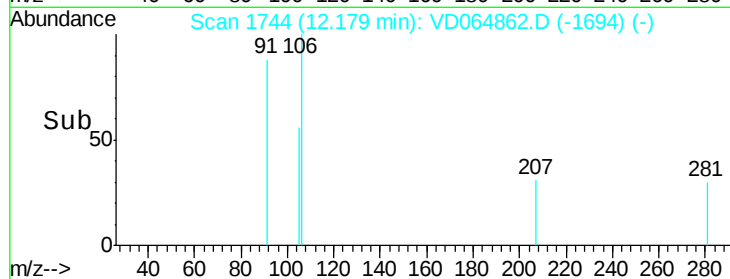
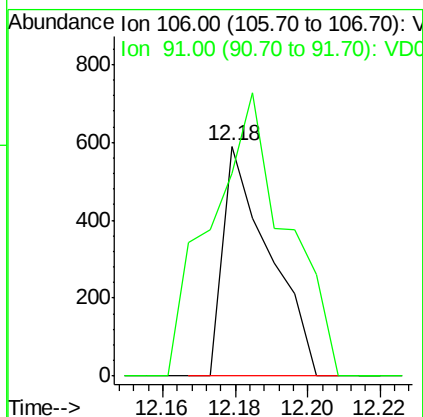
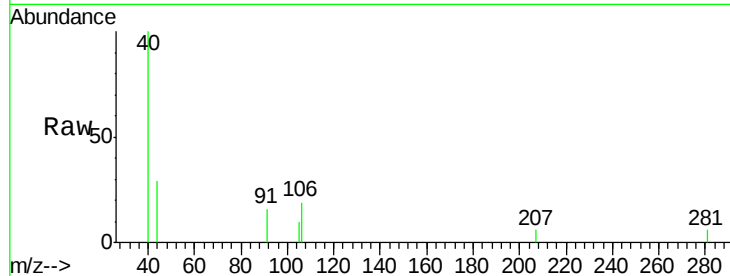




#69
o-Xylene
Concen: 3.315 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.01 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

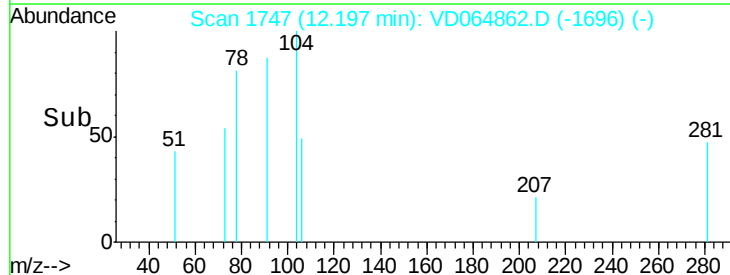
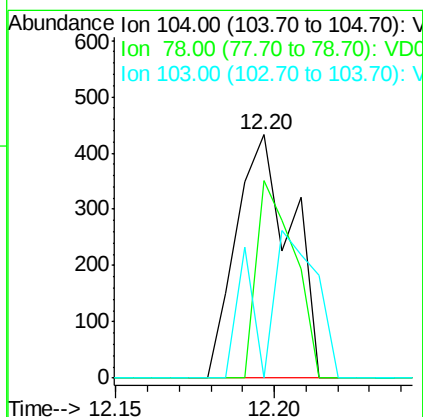
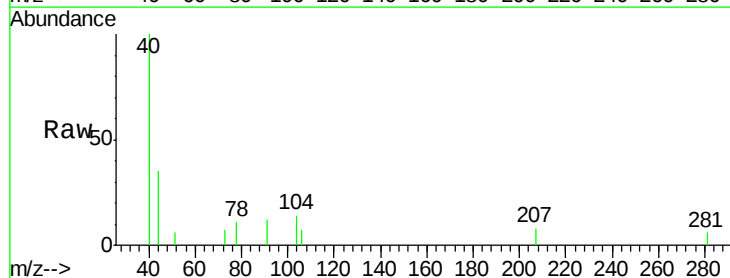
Instrument :
MSVOA_D
ClientSampled :
EP-1

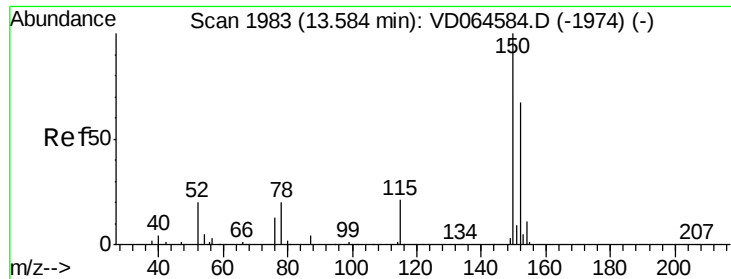
Tot Ion:106 Resp: 529
Ion Ratio Lower Upper
106 100
91 199.4 104.8 314.4



#70
Styrene
Concen: 1.864 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: 50.000 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

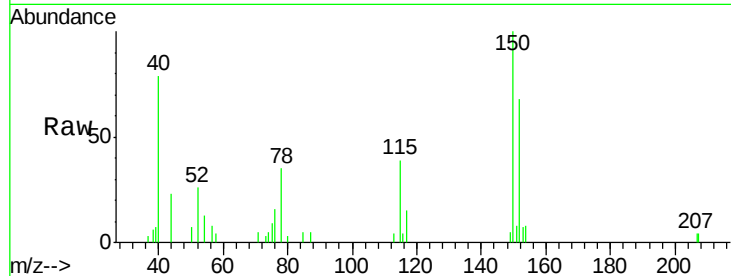
Tot Ion:152 Resp: 5387

Ion Ratio Lower Upper

152 100

115 61.2 27.8 83.4

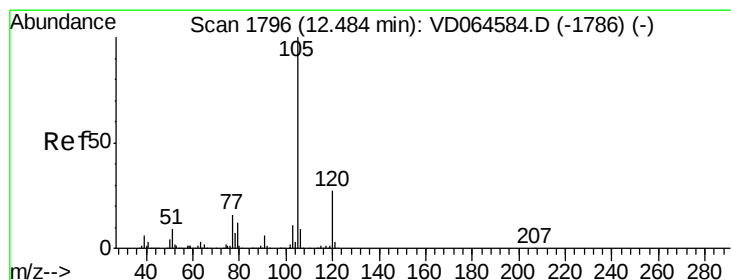
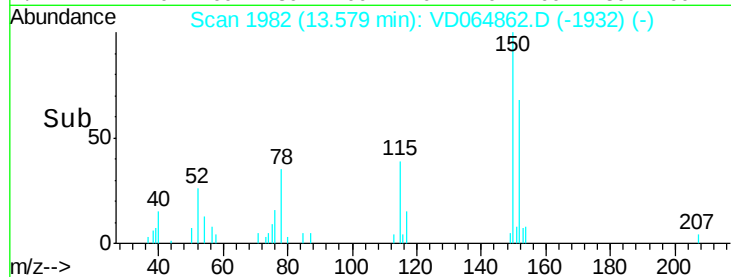
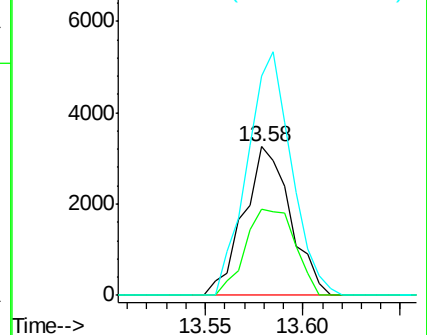
150 155.6 0.0 351.4



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: 3.806 ug/l

RT: 12.49 min Scan# 1797

Delta R.T. 0.01 min

Lab File: VD064862.D

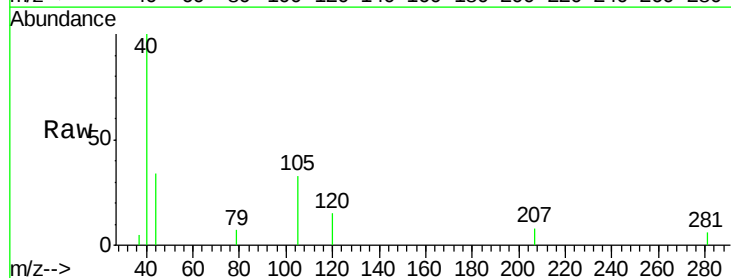
Acq: 17 Jan 2020 14:47

Tgt Ion:105 Resp: 1465

Ion Ratio Lower Upper

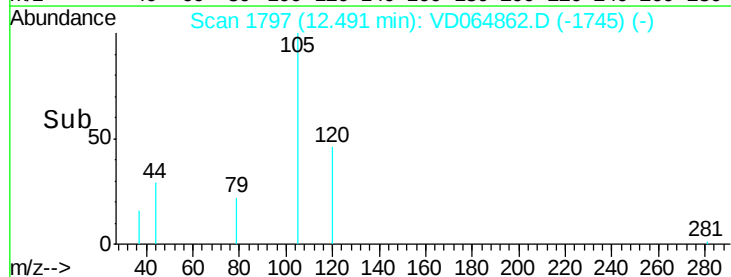
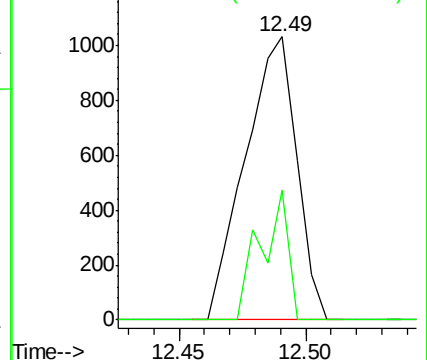
105 100

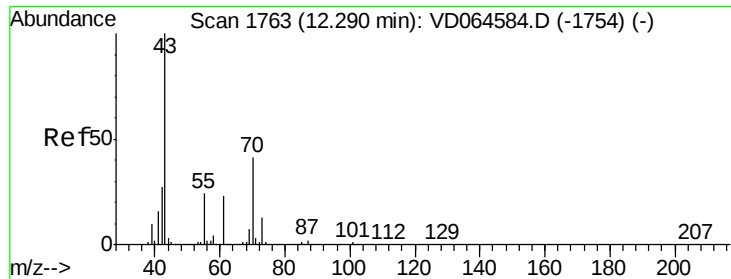
120 24.3 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.009 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

Tot Ion: 43 Resp: 83

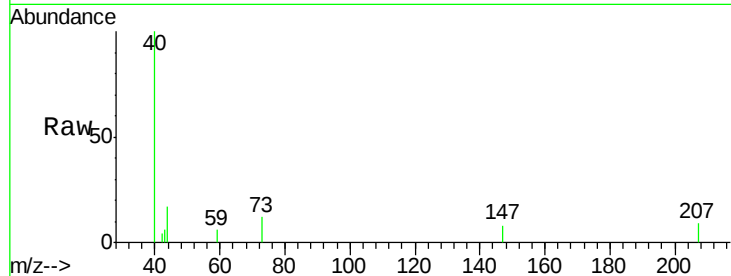
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.0#

55 0.0 19.4 29.0#

61 0.0 18.3 27.5#

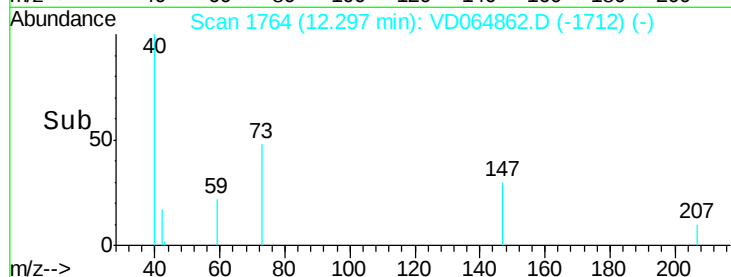
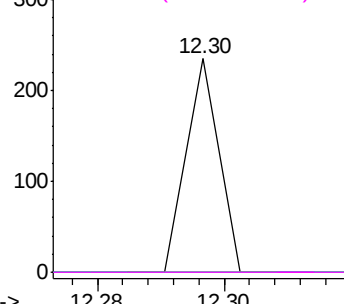


Abundance Ion 43.00 (42.70 to 43.70): VDC

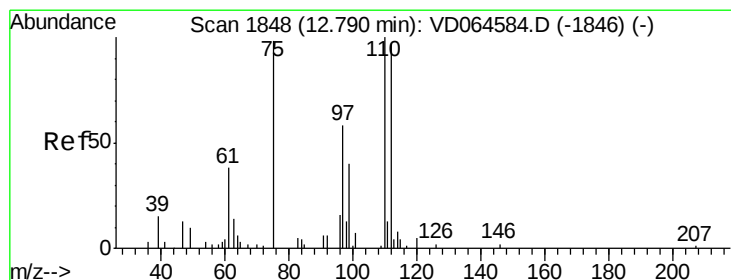
Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC



Time-->



#76

1,2,3-Trichloropropane

Concen: 4.584 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.02 min

Lab File: VD064862.D

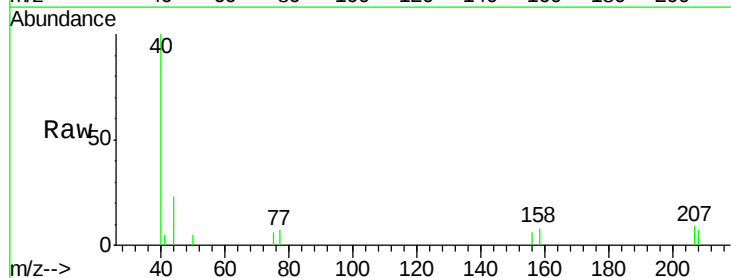
Acq: 17 Jan 2020 14:47

Tgt Ion: 75 Resp: 195

Ion Ratio Lower Upper

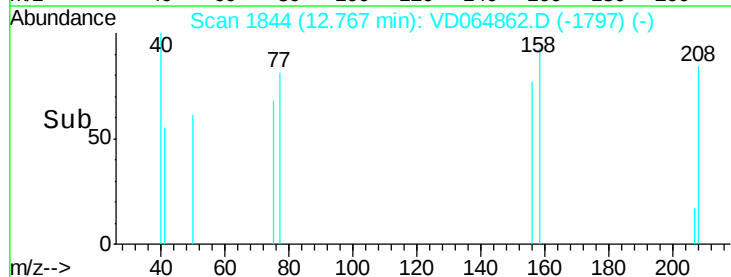
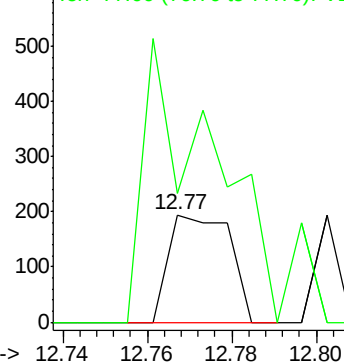
75 100

77 330.3 0.0 0.0#

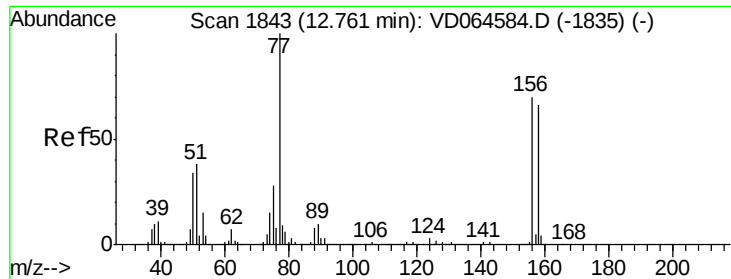


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



Time-->



#77

Bromobenzene

Concen: 1.395 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

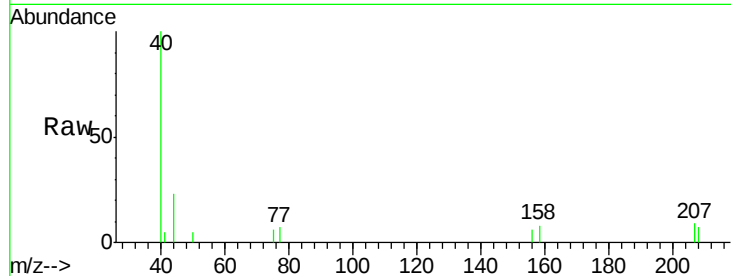
Tot Ion:156 Resp: 132

Ion Ratio Lower Upper

156 100

77 487.9 80.9 242.7#

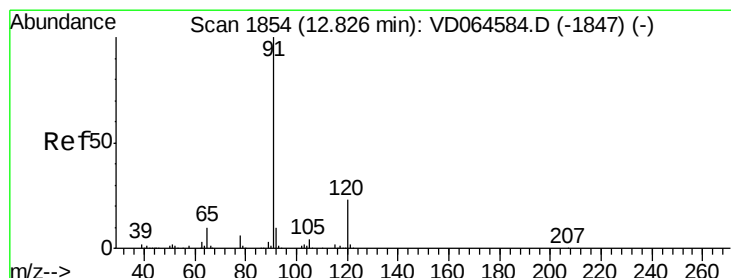
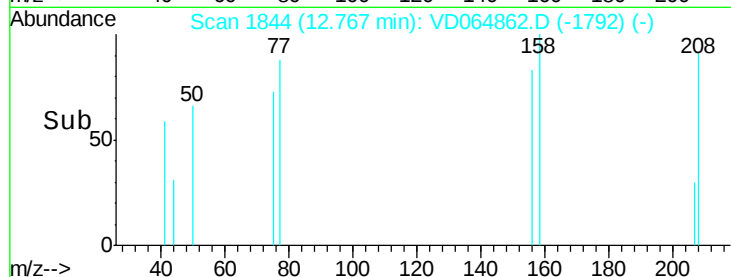
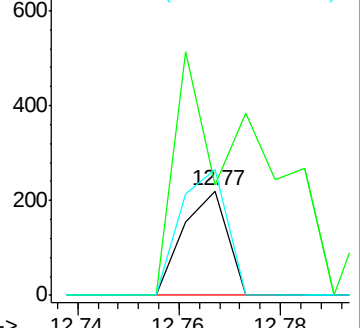
158 128.8 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 3.707 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VD064862.D

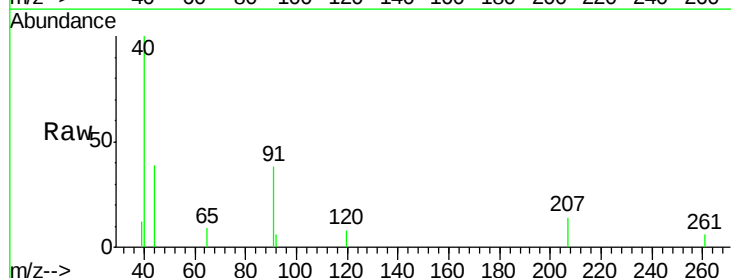
Acq: 17 Jan 2020 14:47

Tgt Ion: 91 Resp: 1665

Ion Ratio Lower Upper

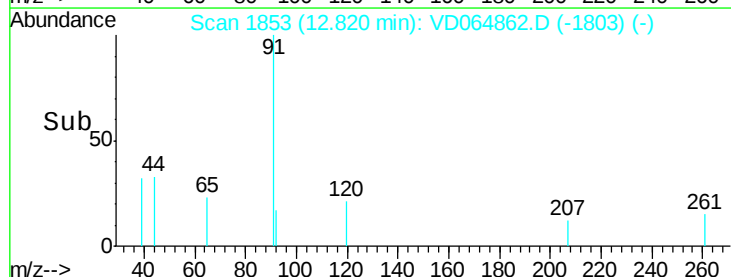
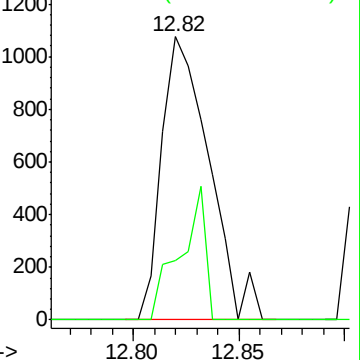
91 100

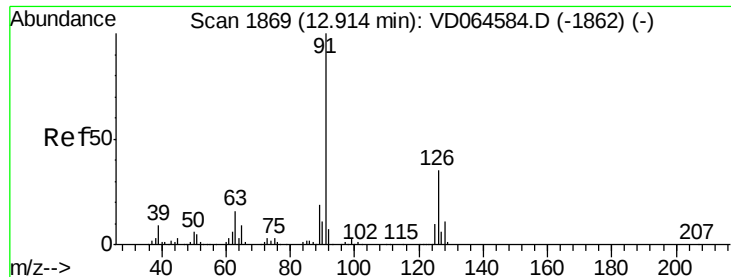
120 25.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 3.226 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 :

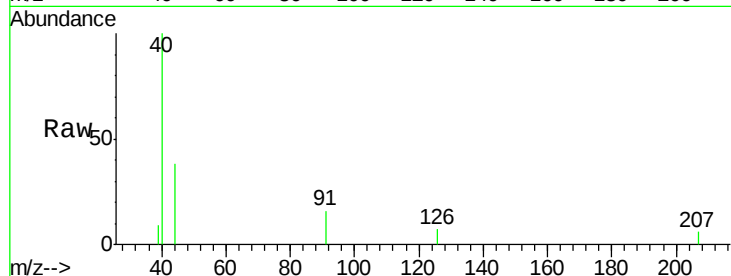
EP-1

Tot Ion: 91 Resp: 796

Ion Ratio Lower Upper

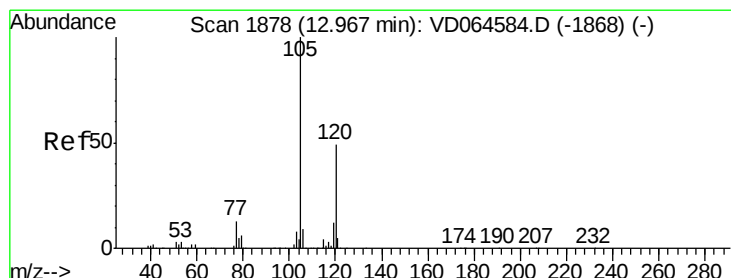
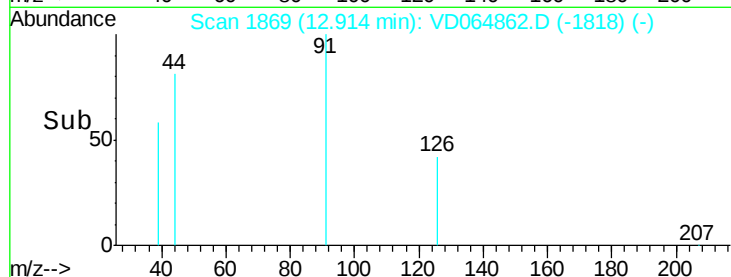
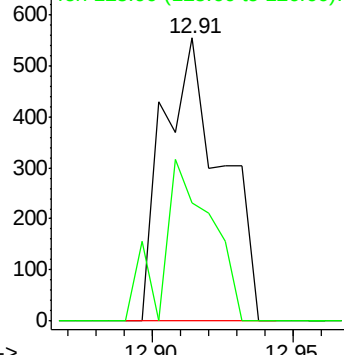
91 100

126 47.5 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VD

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 2.884 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD064862.D

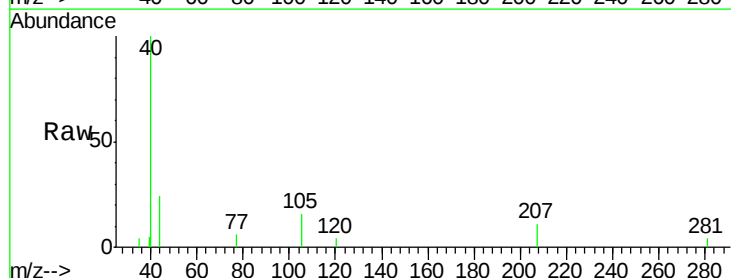
Acq: 17 Jan 2020 14:47

Tgt Ion: 105 Resp: 912

Ion Ratio Lower Upper

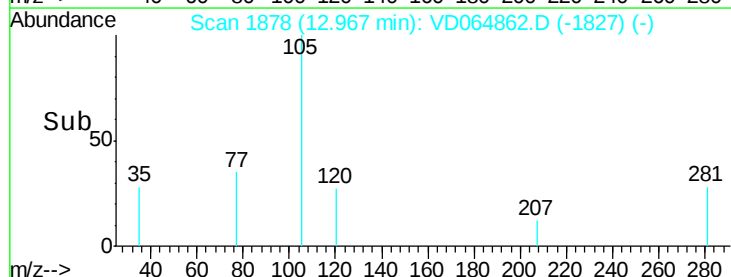
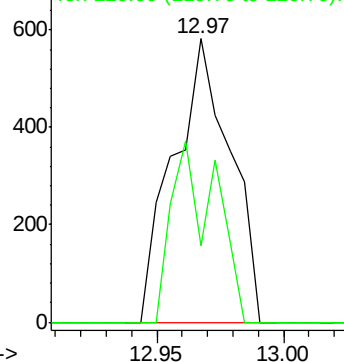
105 100

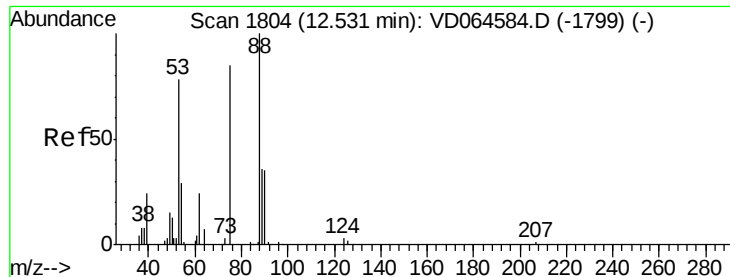
120 48.9 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 140.762 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

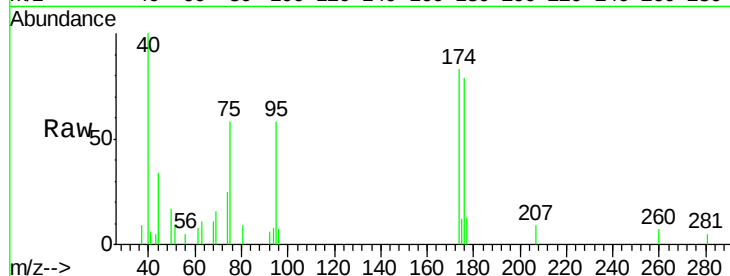
Tot Ion: 75 Resp: 2863

Ion Ratio Lower Upper

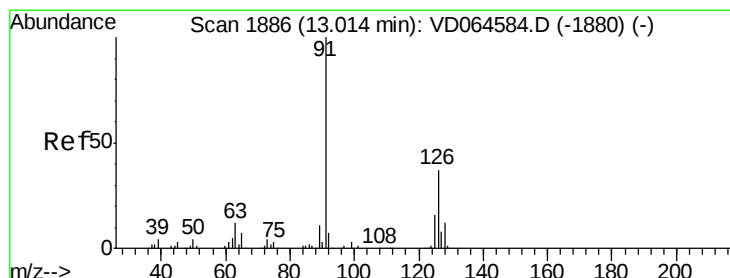
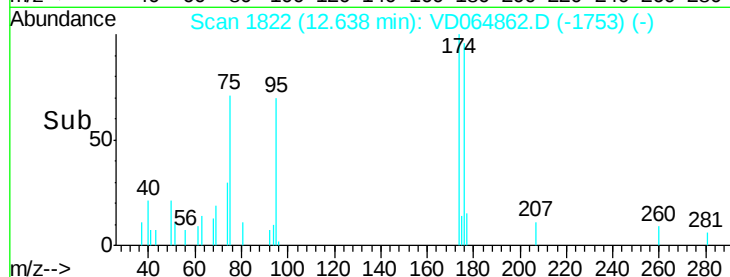
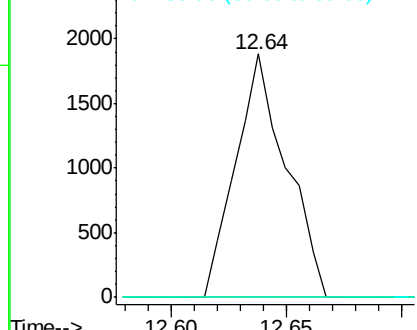
75 100

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: 3.032 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.10 min

Lab File: VD064862.D

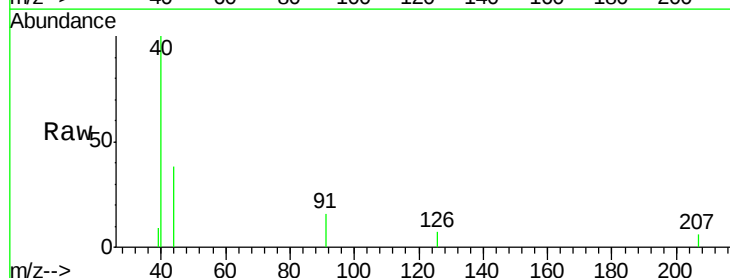
Acq: 17 Jan 2020 14:47

Tgt Ion: 91 Resp: 796

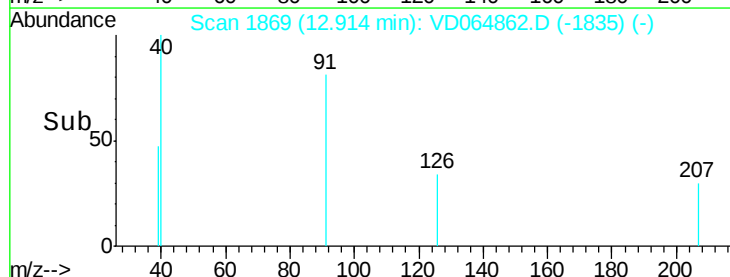
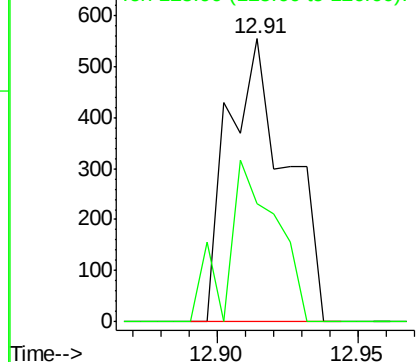
Ion Ratio Lower Upper

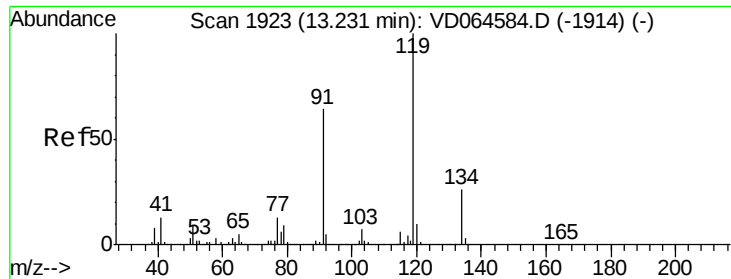
91 100

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: 2.641 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

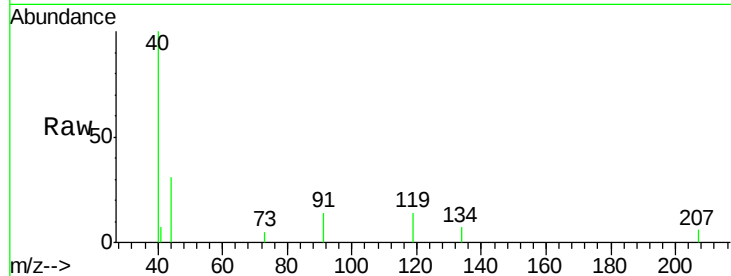
Tot Ion:119 Resp: 725

Ion Ratio Lower Upper

119 100

91 76.7 30.8 92.4

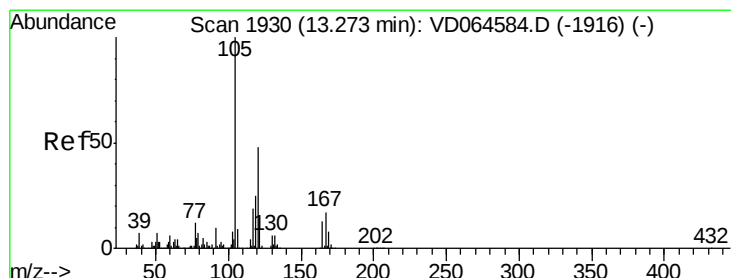
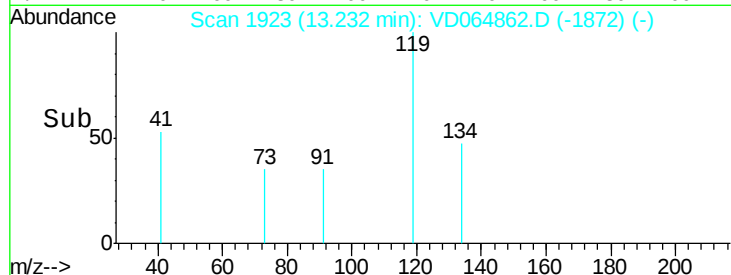
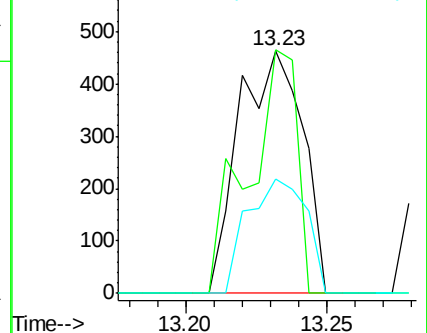
134 43.4 12.8 38.3#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 3.058 ug/l

RT: 13.28 min Scan# 1931

Delta R.T. 0.01 min

Lab File: VD064862.D

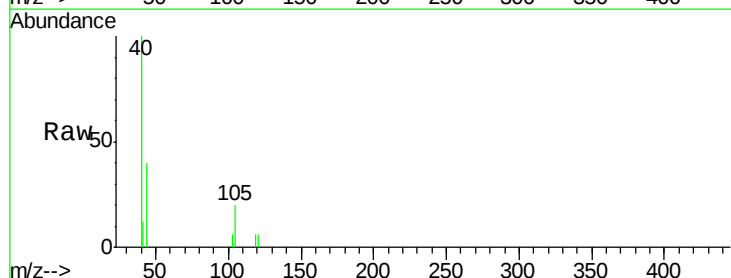
Acq: 17 Jan 2020 14:47

Tgt Ion:105 Resp: 963

Ion Ratio Lower Upper

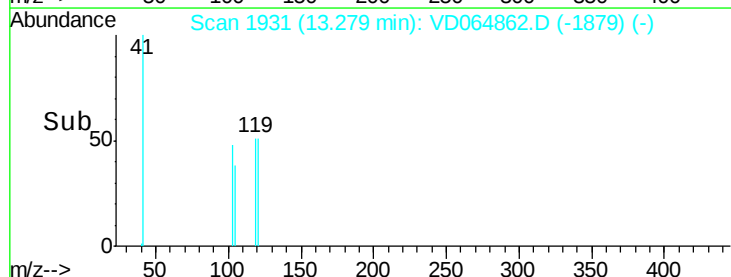
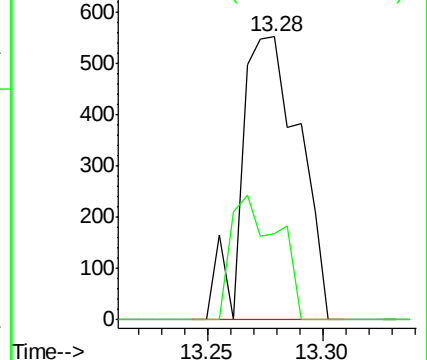
105 100

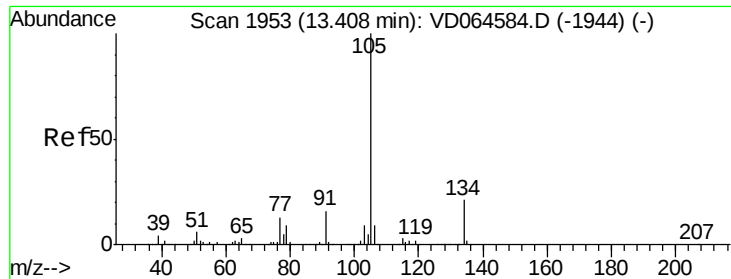
120 35.5 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 3.836 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

ClientSampled :

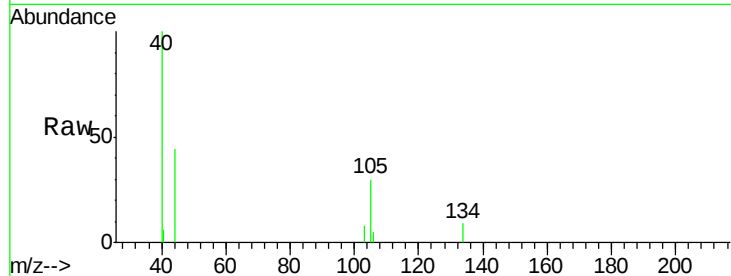
EP-1

Tot Ion:105 Resp: 1444

Ion Ratio Lower Upper

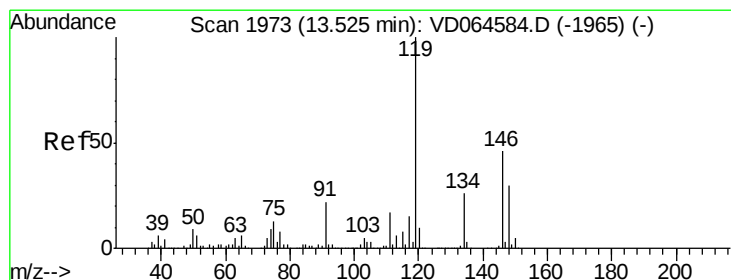
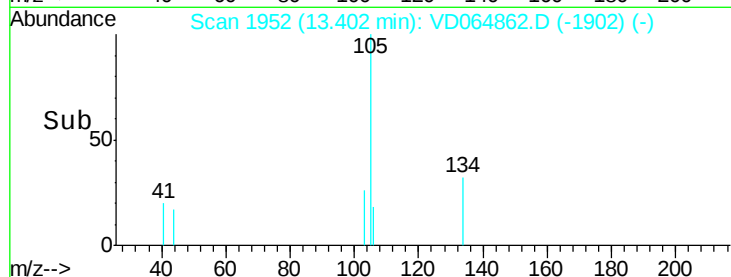
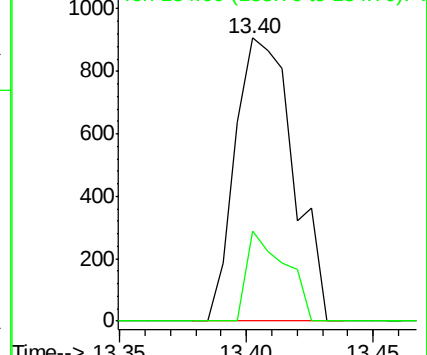
105 100

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: 3.956 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

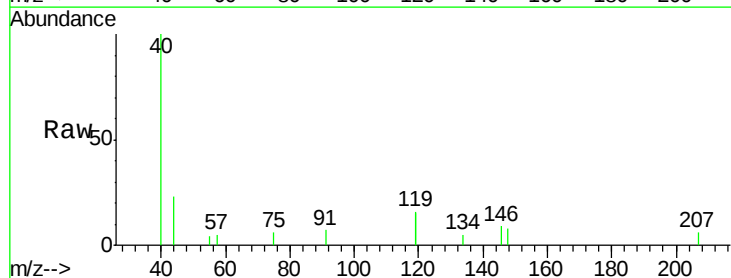
Tgt Ion:119 Resp: 1424

Ion Ratio Lower Upper

119 100

134 24.6 13.4 40.1

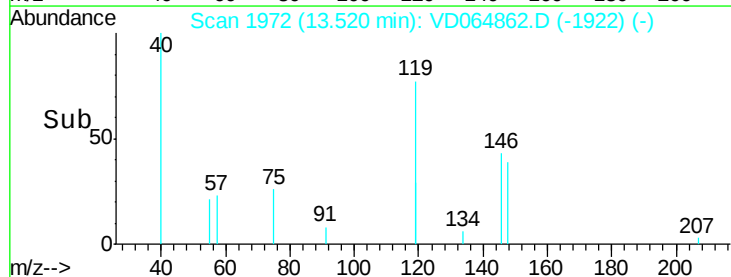
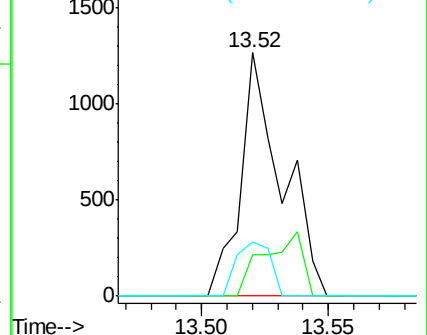
91 18.5 11.2 33.6

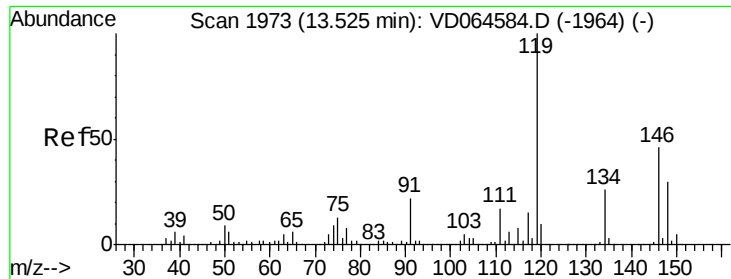


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 4.730 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

ClientSampled :

EP-1

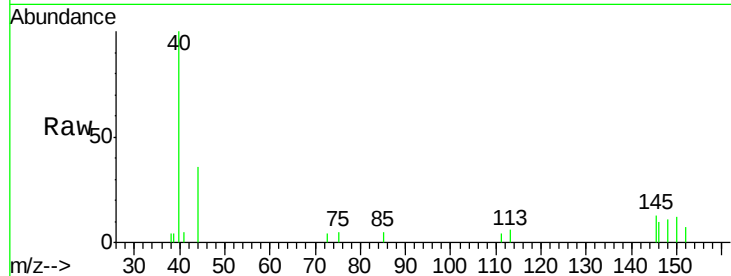
Tot Ion:146 Resp: 853

Ion Ratio Lower Upper

146 100

111 29.3 18.8 56.4

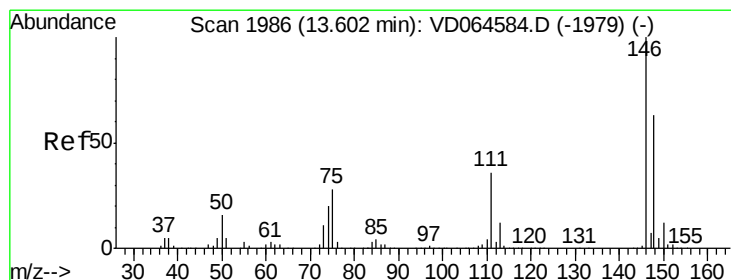
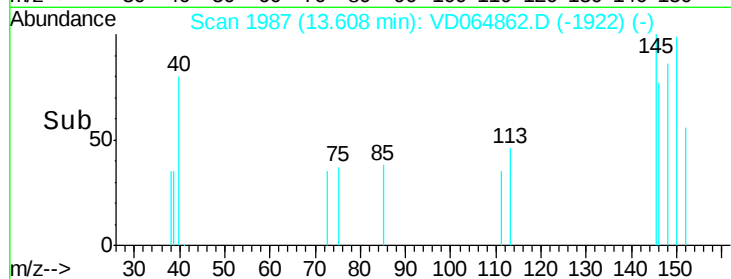
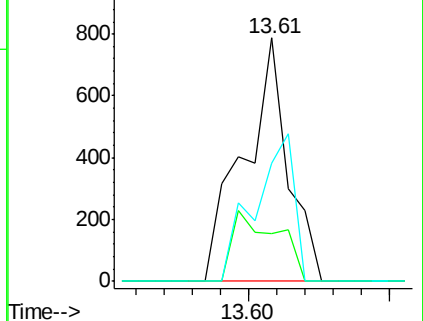
148 54.2 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 4.815 ug/l

RT: 13.61 min Scan# 1987

Delta R.T. 0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

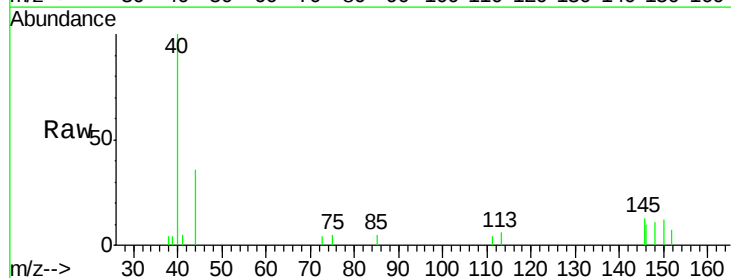
Tgt Ion:146 Resp: 853

Ion Ratio Lower Upper

146 100

111 29.3 18.1 54.1

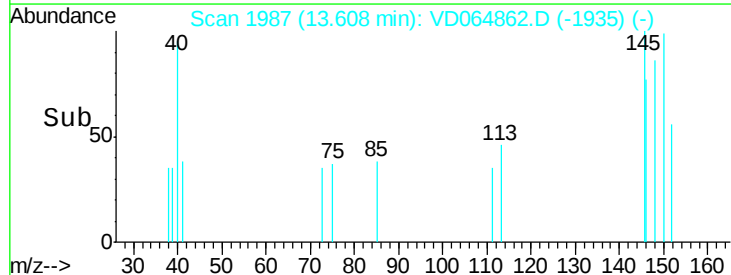
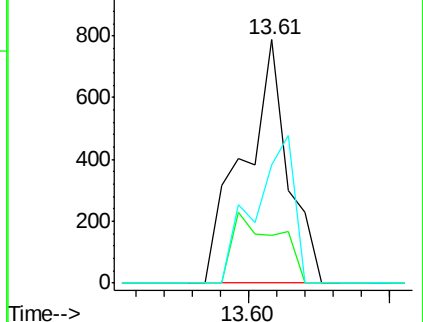
148 54.2 32.3 96.9

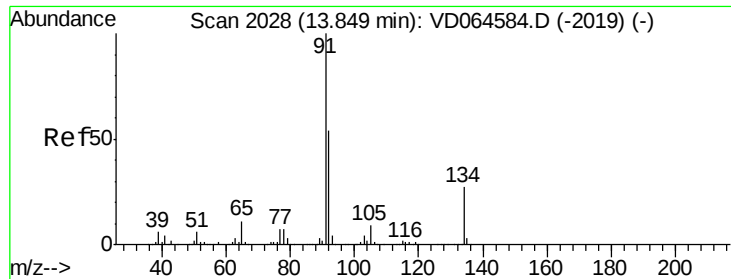


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

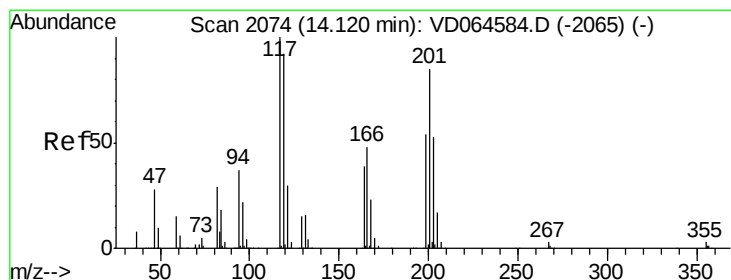
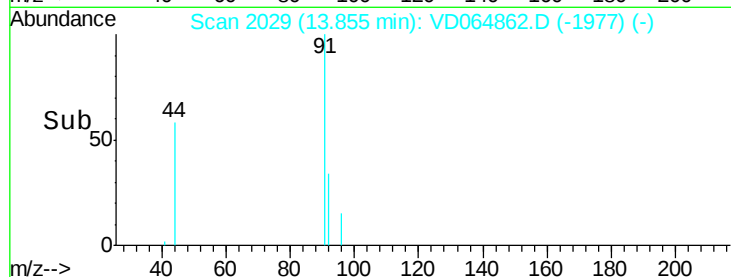
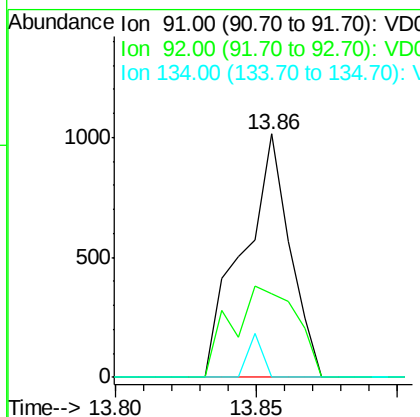
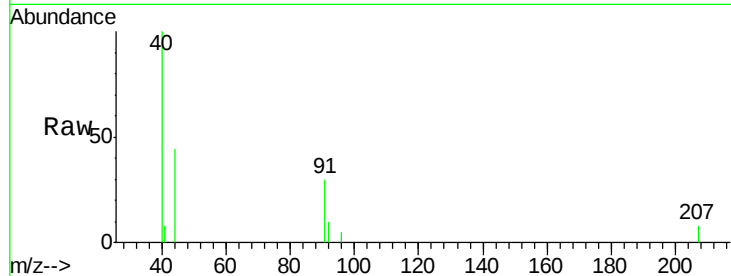




#89
n-Butylbenzene
Concen: 3.613 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD064862.D
Acq: 17 Jan 2020 14:47

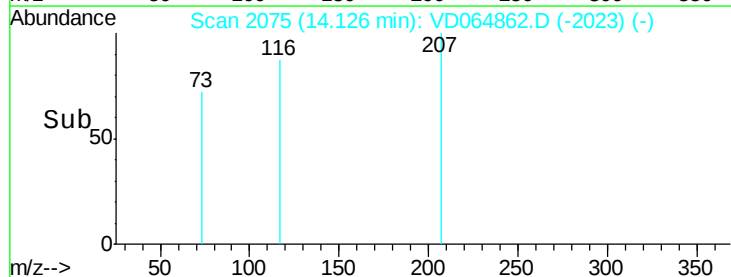
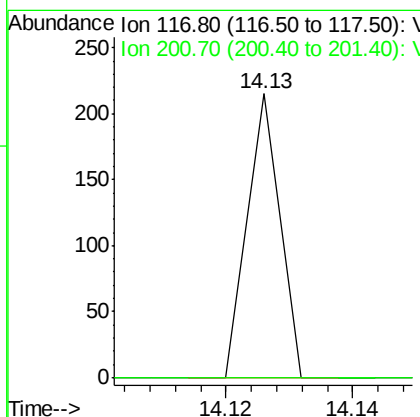
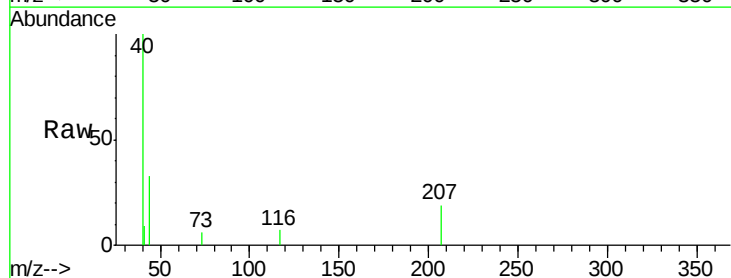
Instrument :
MSVOA_D
ClientSampled :
EP-1

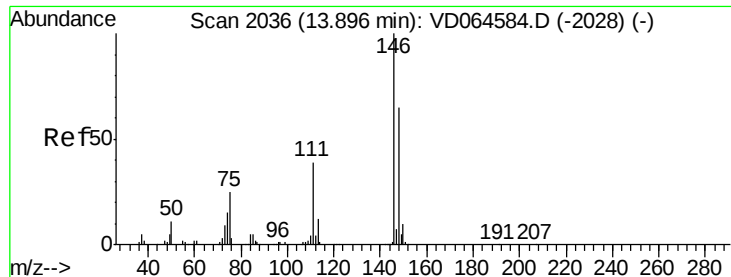
Tot Ion: 91 Resp: 1171
Ion Ratio Lower Upper
91 100
92 51.1 26.8 80.4
134 5.5 14.0 41.9#



#90
Hexachloroethane
Concen: 1.105 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#

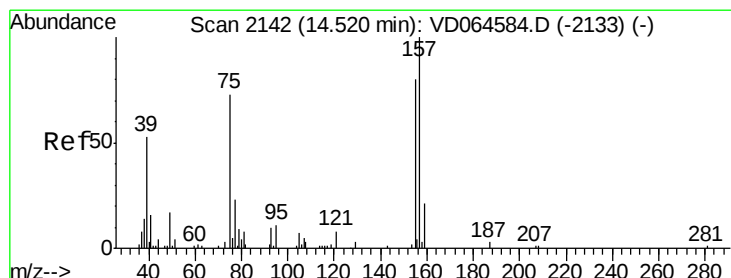
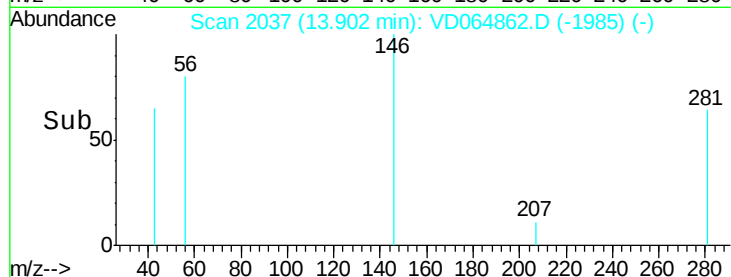
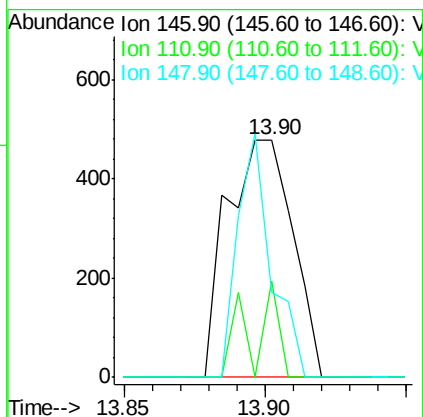
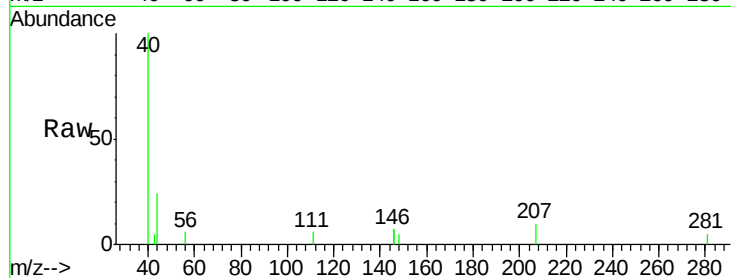




#91
 1,2-Dichlorobenzene
 Concen: 5.014 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VD064862.D
 Acq: 17 Jan 2020 14:47

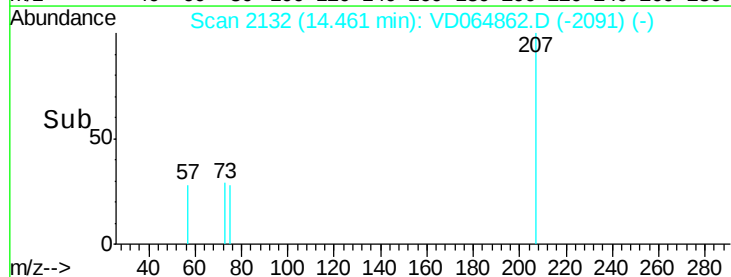
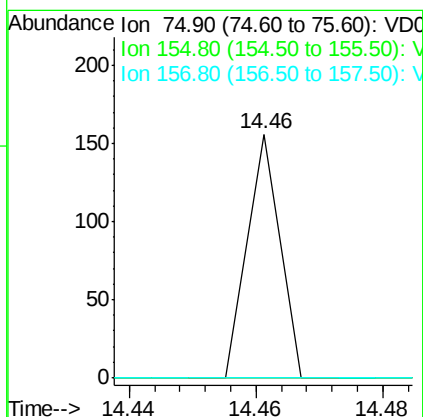
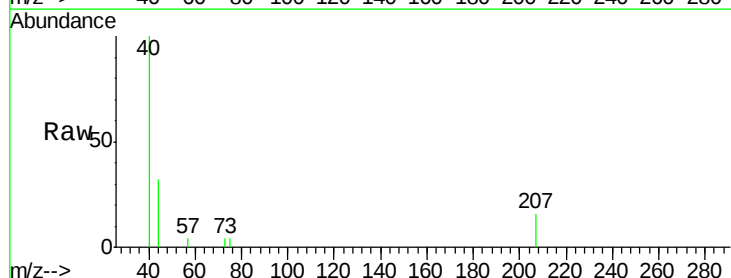
Instrument :
 MSVOA_D
 ClientSampleId :
 EP-1

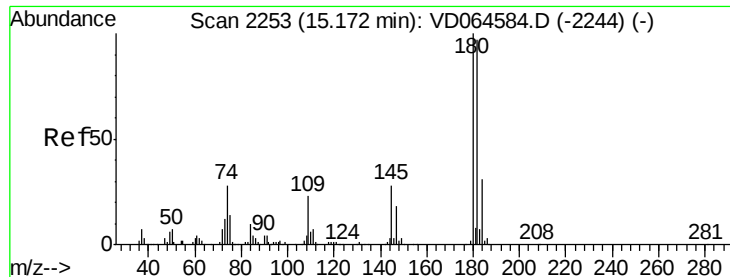
Tot Ion:146 Resp: 771
 Ion Ratio Lower Upper
 146 100
 111 7.8 19.3 57.9#
 148 52.1 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.610 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#

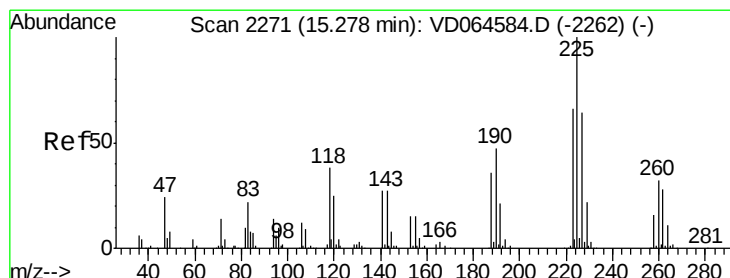
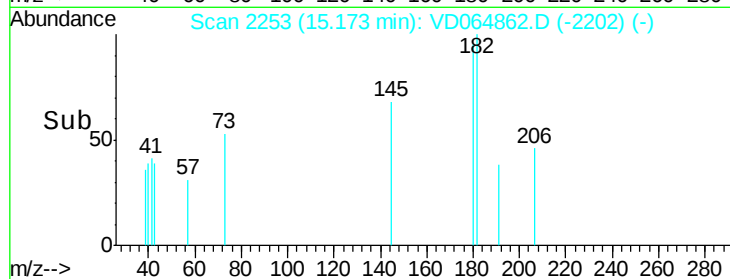
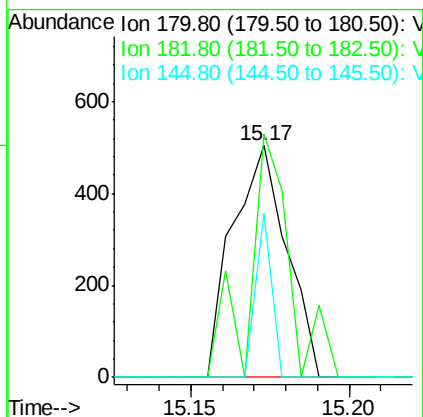
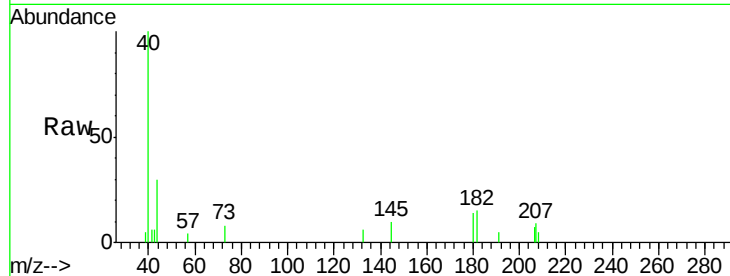




#93
 1,2,4-Trichlorobenzene
 Concen: 5.255 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD064862.D
 Acq: 17 Jan 2020 14:47

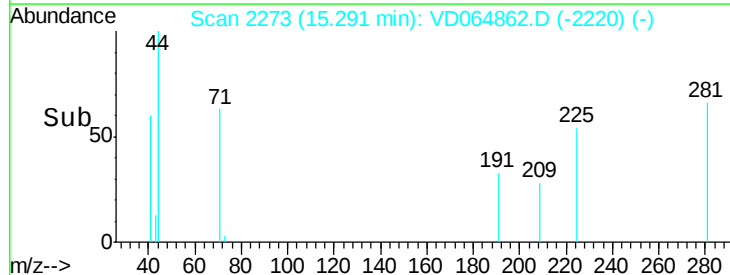
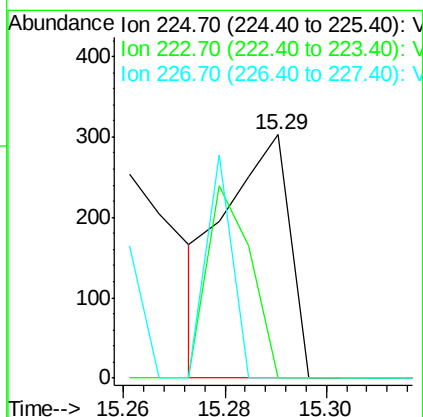
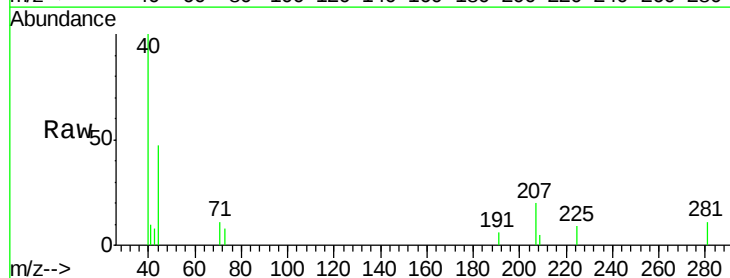
Instrument :
 MSVOA_D
 ClientSampleId :
 EP-1

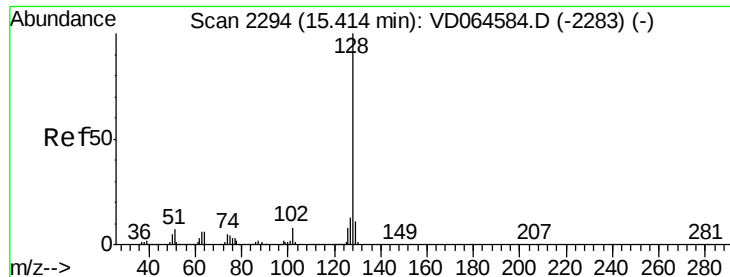
Tot Ion:180 Resp: 595
 Ion Ratio Lower Upper
 180 100
 182 78.7 48.0 144.2
 145 21.2 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 3.706 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: 7.029 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

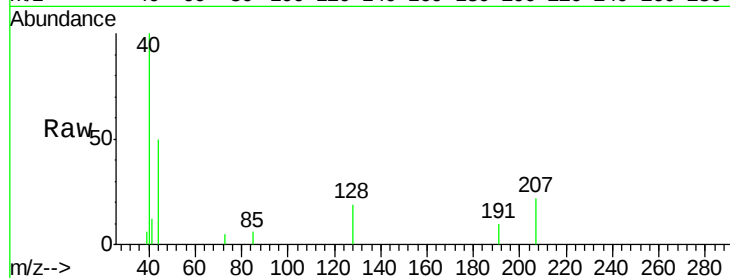
Tot Ion:128 Resp: 1259

Ion Ratio Lower Upper

128 100

127 4.7 10.3 15.5#

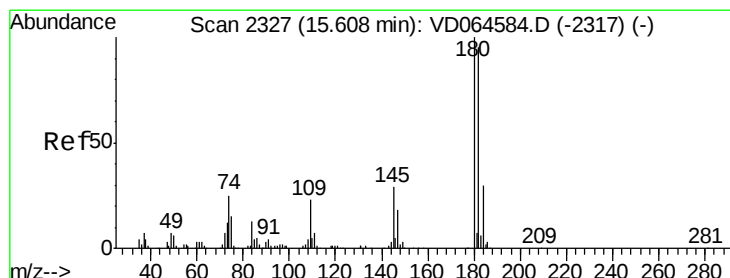
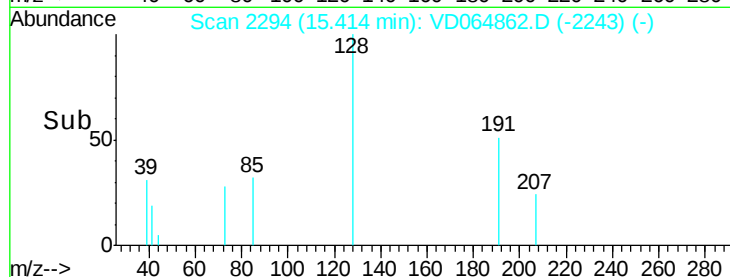
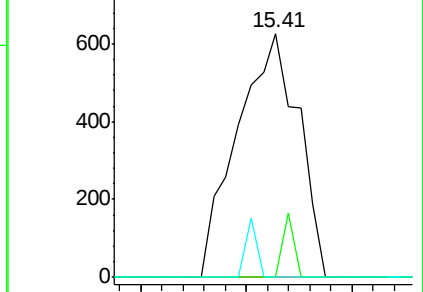
129 4.3 8.5 12.7#



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



#96

1,2,3-Trichlorobenzene

Concen: 6.301 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.01 min

Lab File: VD064862.D

Acq: 17 Jan 2020 14:47

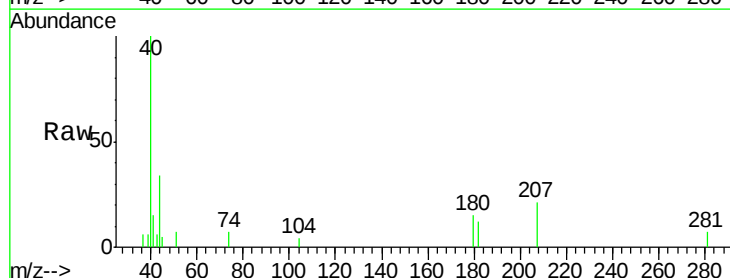
Tgt Ion:180 Resp: 609

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

