

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012920\
 Data File : VD064991.D
 Acq On : 29 Jan 2020 12:28
 Operator : VA/SY
 Sample : VD0129SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0129SBS01

Quant Time: Jan 29 15:36:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	466526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	699007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	601058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	292573	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	233156	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
35) Dibromofluoromethane	7.92	113	222876	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
50) Toluene-d8	10.34	98	879461	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.64	95	269314	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	75172	21.39	ug/l	99
3) Chloromethane	2.21	50	109176	21.19	ug/l	96
4) Vinyl Chloride	2.35	62	122814	20.76	ug/l	99
5) Bromomethane	2.76	94	83181	20.90	ug/l	98
6) Chloroethane	2.92	64	82311	21.10	ug/l	99
7) Trichlorofluoromethane	3.27	101	195344	21.38	ug/l	97
8) Diethyl Ether	3.71	74	43547	21.11	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	93667	22.03	ug/l	99
10) Methyl Iodide	4.29	142	96887	21.47	ug/l	99
11) Tert butyl alcohol	5.25	59	27632	111.74	ug/l	96
12) 1,1-Dichloroethene	4.06	96	88727	21.85	ug/l	96
13) Acrolein	3.93	56	25947	83.70	ug/l	99
14) Allyl chloride	4.71	41	138882	21.44	ug/l	99
15) Acrylonitrile	5.43	53	94067	105.31	ug/l	99
16) Acetone	4.17	43	96466	90.39	ug/l	# 86
17) Carbon Disulfide	4.40	76	278348	20.83	ug/l	98
18) Methyl Acetate	4.72	43	46715	22.29	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	194725	21.46	ug/l	100
20) Methylene Chloride	4.97	84	125180	25.65	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	103703	22.16	ug/l	98
22) Diisopropyl ether	6.37	45	278892	21.61	ug/l	97
23) Vinyl Acetate	6.31	43	784888	103.86	ug/l	99
24) 1,1-Dichloroethane	6.27	63	174571	22.03	ug/l	96
25) 2-Butanone	7.22	43	122328	101.18	ug/l	98
26) 2,2-Dichloropropane	7.21	77	160148	22.28	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	106717	21.37	ug/l	97
28) Bromochloromethane	7.56	49	56744	17.90	ug/l	98
29) Tetrahydrofuran	7.57	42	76875	103.06	ug/l	98
30) Chloroform	7.71	83	178750	21.82	ug/l	97
31) Cyclohexane	7.98	56	162525	20.85	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	164914	21.64	ug/l	97
36) 1,1-Dichloropropene	8.11	75	141987	21.07	ug/l	99
37) Ethyl Acetate	7.30	43	55363	19.88	ug/l	96
38) Carbon Tetrachloride	8.10	117	150717	21.16	ug/l	97

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Instrument :
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 ClientSampleID :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	168131	21.34	ug/l	96
40) Benzene	8.36	78	392022	21.12	ug/l	100
41) Methacrylonitrile	7.54	41	30508	20.34	ug/l	91
42) 1,2-Dichloroethane	8.43	62	113314	20.49	ug/l	96
43) Isopropyl Acetate	8.46	43	105356	19.92	ug/l	99
44) Trichloroethene	9.12	130	109422	21.06	ug/l	94
45) 1,2-Dichloropropane	9.39	63	92190	20.49	ug/l	100
46) Dibromomethane	9.48	93	51392	20.92	ug/l	96
47) Bromodichloromethane	9.67	83	137574	21.52	ug/l	99
48) Methyl methacrylate	9.46	41	48347	19.87	ug/l	94
49) 1,4-Dioxane	9.47	88	11308	396.83	ug/l #	83
51) 4-Methyl-2-Pentanone	10.23	43	267780	101.19	ug/l	99
52) Toluene	10.41	92	253827	21.21	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	124135	20.38	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	150906	21.16	ug/l	94
55) 1,1,2-Trichloroethane	10.81	97	67549	20.41	ug/l	97
56) Ethyl methacrylate	10.67	69	80273	20.28	ug/l	97
57) 1,3-Dichloropropane	10.96	76	121222	21.36	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	129306	98.34	ug/l	99
59) 2-Hexanone	10.99	43	179852	98.53	ug/l	98
60) Dibromochloromethane	11.14	129	90679	20.50	ug/l	97
61) 1,2-Dibromoethane	11.25	107	65267	20.48	ug/l	99
64) Tetrachloroethene	10.88	164	93947	21.63	ug/l	100
65) Chlorobenzene	11.68	112	264438	21.67	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	99309	21.64	ug/l	99
67) Ethyl Benzene	11.75	91	474802	21.91	ug/l	99
68) m/p-Xylenes	11.86	106	361645	43.35	ug/l	100
69) o-Xylene	12.18	106	159455	21.54	ug/l	100
70) Styrene	12.20	104	284884	21.60	ug/l	100
71) Bromoform	12.37	173	53265	20.88	ug/l #	99
73) Isopropylbenzene	12.48	105	441145	22.06	ug/l	100
74) N-amyl acetate	12.30	43	91396	20.43	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	71775	21.36	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	96149	39.59	ug/l #	100
77) Bromobenzene	12.77	156	108157	22.11	ug/l	99
78) n-propylbenzene	12.83	91	524831	22.07	ug/l	100
79) 2-Chlorotoluene	12.91	91	286731	21.98	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	364994	22.27	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	22919	20.15	ug/l	97
82) 4-Chlorotoluene	13.01	91	306541	22.16	ug/l	99
83) tert-Butylbenzene	13.23	119	307871	22.14	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	370592	22.32	ug/l	99
85) sec-Butylbenzene	13.41	105	430290	21.85	ug/l	99
86) p-Isopropyltoluene	13.53	119	401708	21.80	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	203706	21.70	ug/l	98
88) 1,4-Dichlorobenzene	13.61	146	199891	21.45	ug/l	98
89) n-Butylbenzene	13.86	91	366020	21.77	ug/l	99
90) Hexachloroethane	14.12	117	77355	21.77	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	173773	21.80	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	12421	23.09	ug/l	89

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration

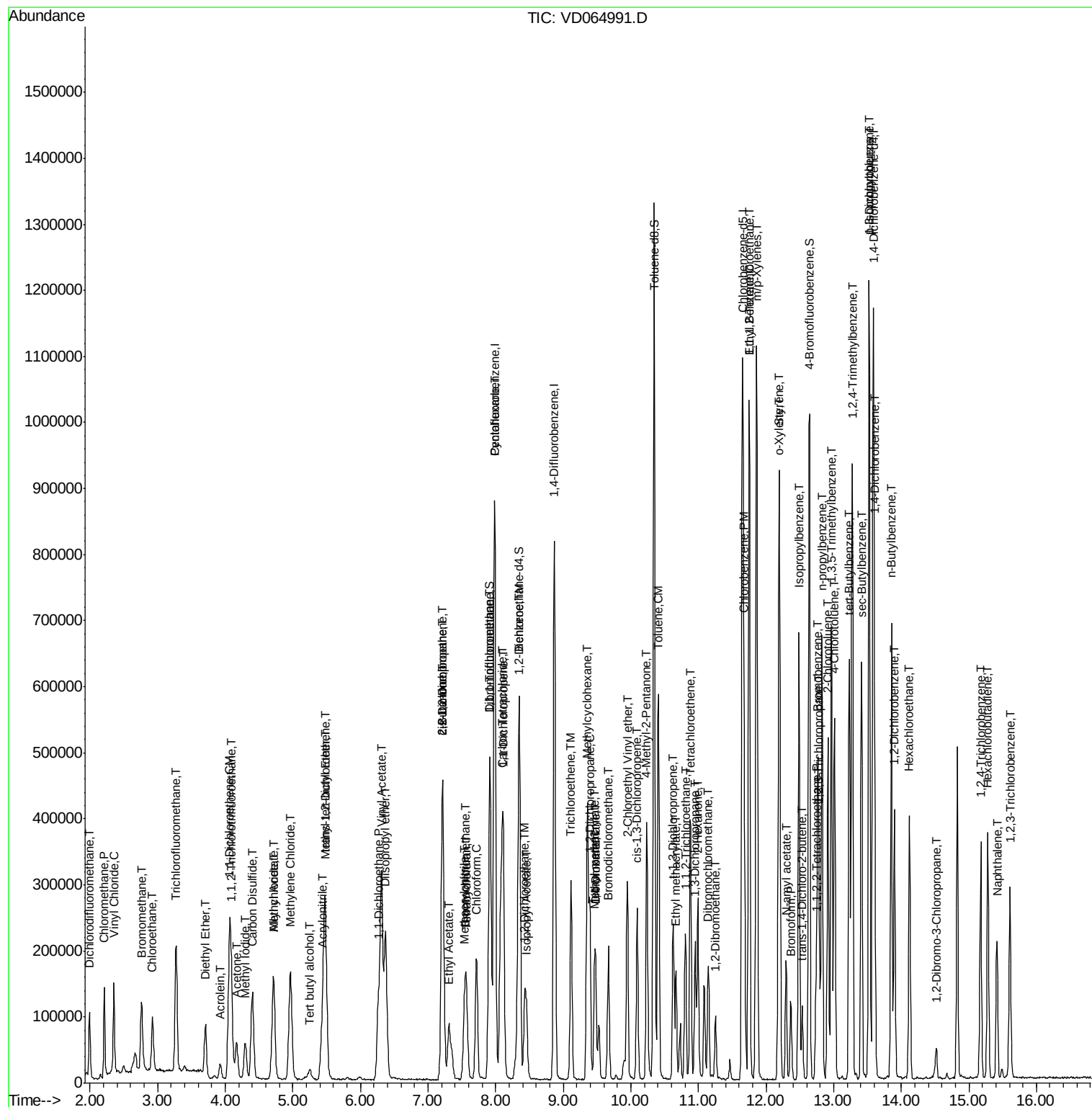
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	121601	22.05	ug/l	99
94) Hexachlorobutadiene	15.28	225	76343	21.89	ug/l	96
95) Naphthalene	15.42	128	186072	20.91	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	102477	21.44	ug/l	99

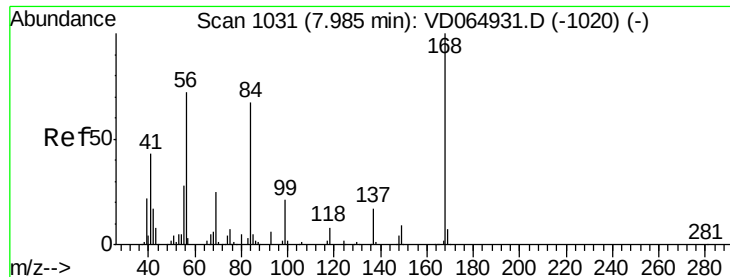
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VD064991.D
 Acq On : 29 Jan 2020 12:28
 Operator : VA/SY
 Sample : VD0129SBS01
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

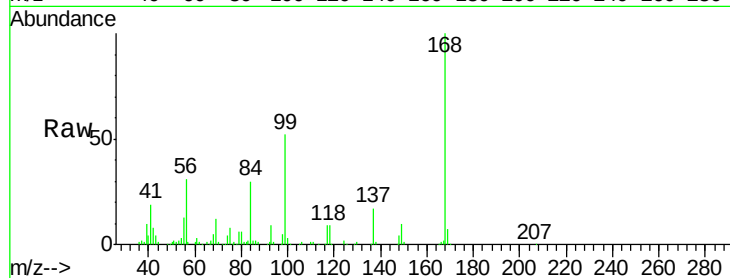
VD0129SBSD01

Tgt Ion:168 Resp: 466526

Ion Ratio Lower Upper

168 100

99 51.7 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

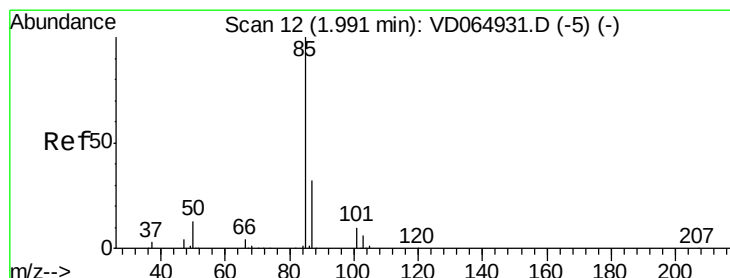
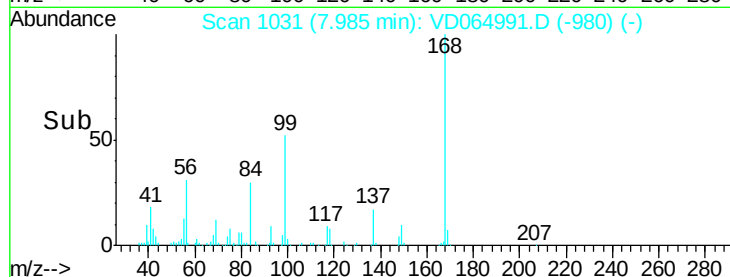
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 21.39 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD064991.D

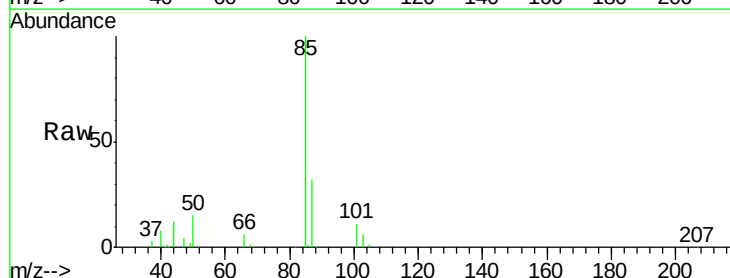
Acq: 29 Jan 2020 12:28

Tgt Ion: 85 Resp: 75172

Ion Ratio Lower Upper

85 100

87 31.8 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

30000

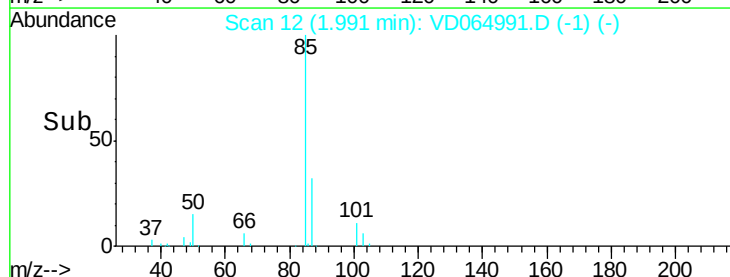
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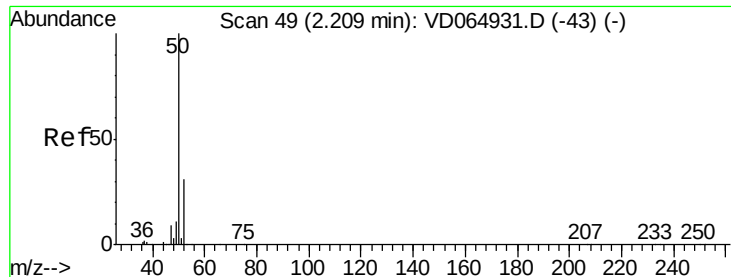
10000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 21.19 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

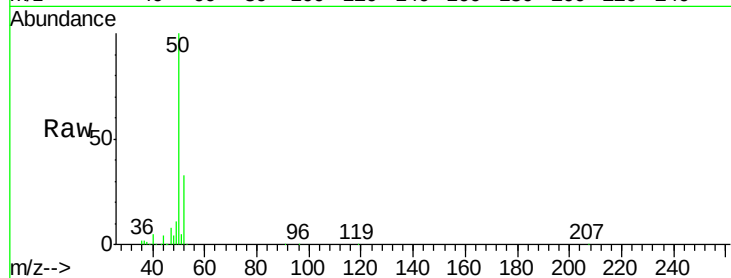
VD0129SBSD01

Tgt Ion: 50 Resp: 109176

Ion Ratio Lower Upper

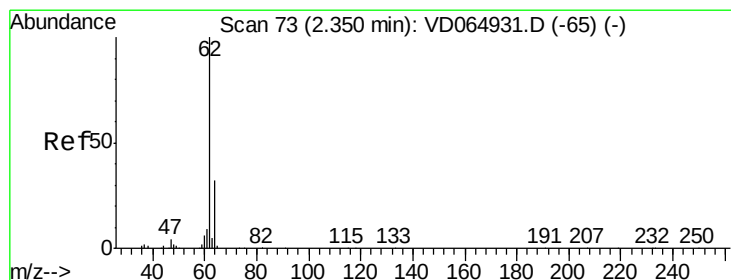
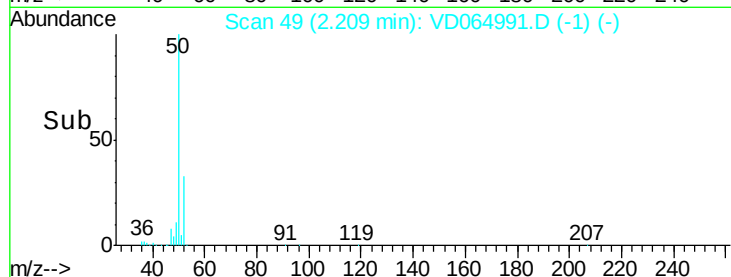
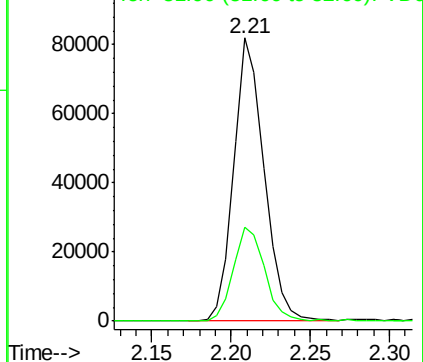
50 100

52 33.1 24.6 36.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.76 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD064991.D

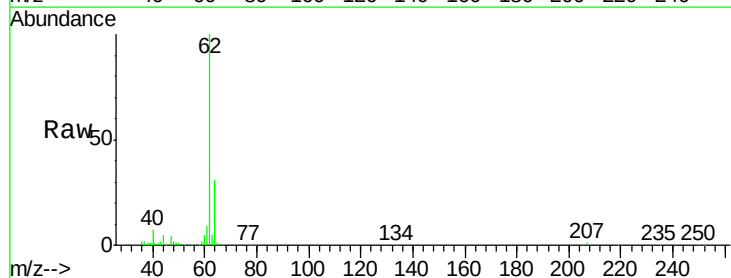
Acq: 29 Jan 2020 12:28

Tgt Ion: 62 Resp: 122814

Ion Ratio Lower Upper

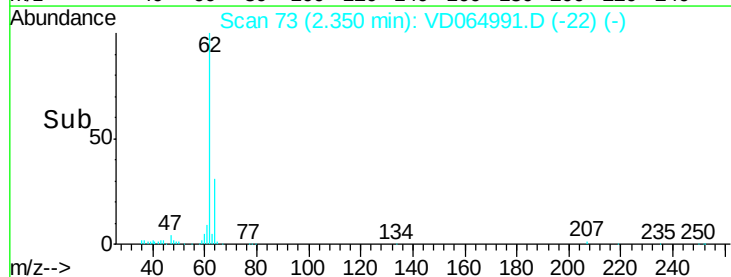
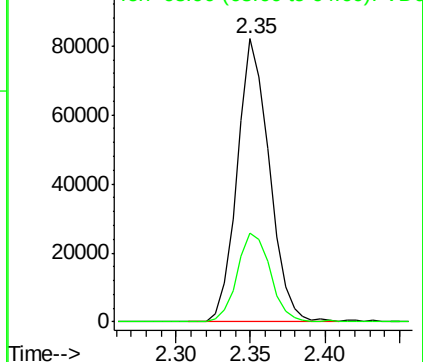
62 100

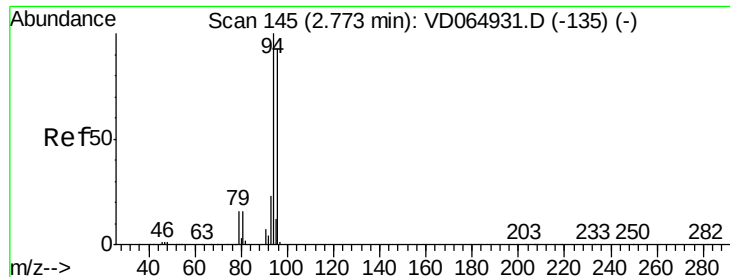
64 31.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.90 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

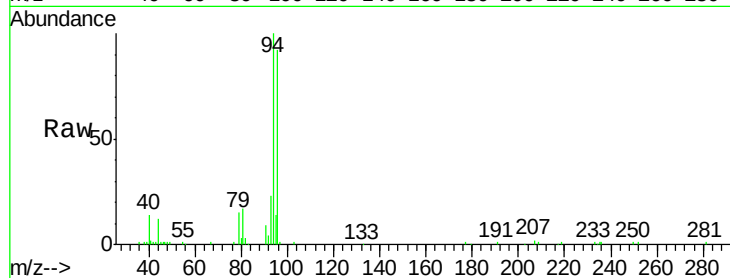
VD0129SBSD01

Tgt Ion: 94 Resp: 83181

Ion Ratio Lower Upper

94 100

96 90.9 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

40000

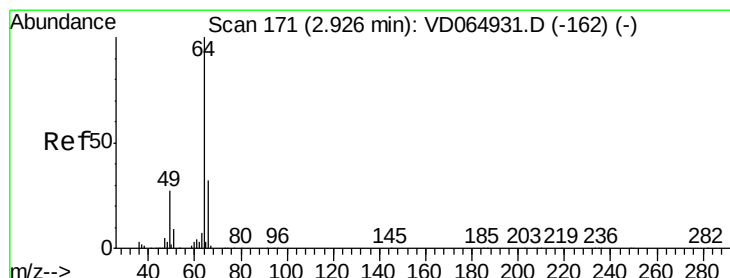
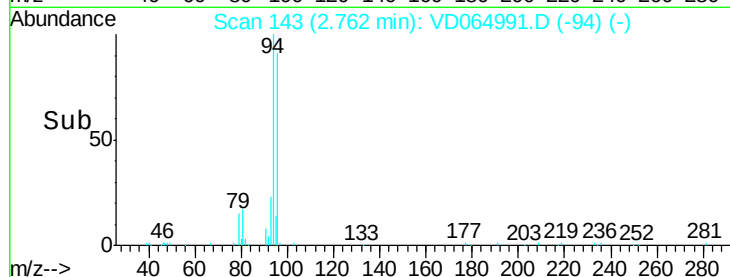
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 21.10 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD064991.D

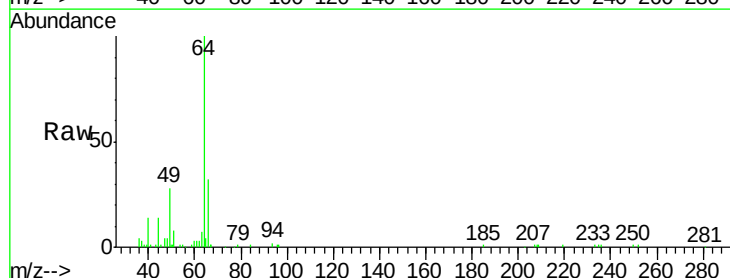
Acq: 29 Jan 2020 12:28

Tgt Ion: 64 Resp: 82311

Ion Ratio Lower Upper

64 100

66 32.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

40000

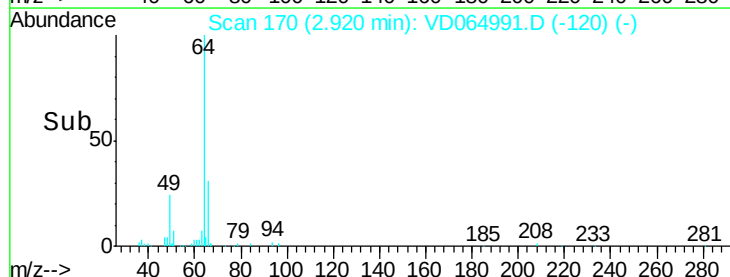
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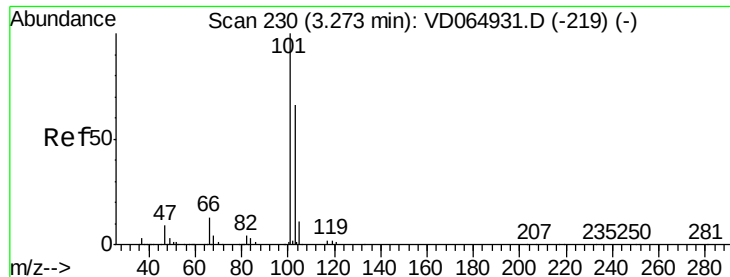
20000

10000

0

Time-->



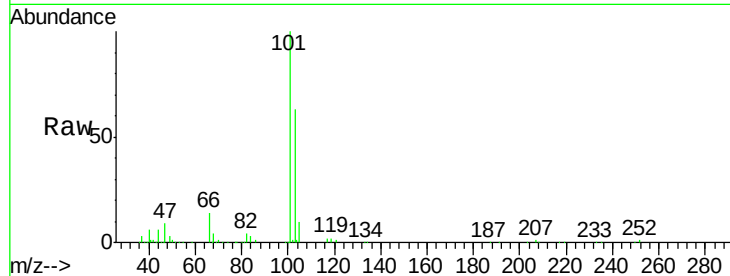


#7

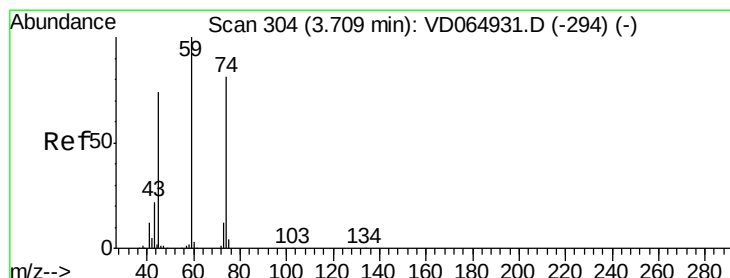
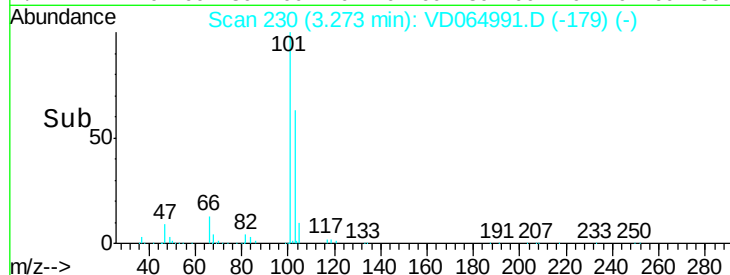
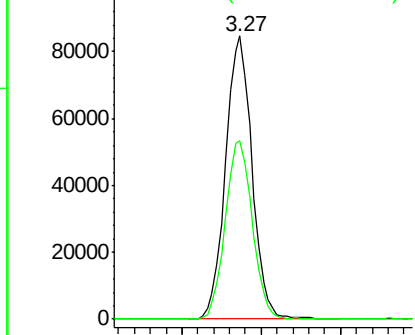
Trichlorofluoromethane
 Concen: 21.38 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0129SBSD01

Tgt Ion: 101 Resp: 195344
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.5 78.7



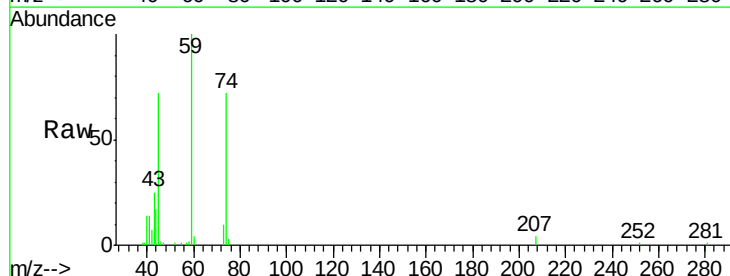
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



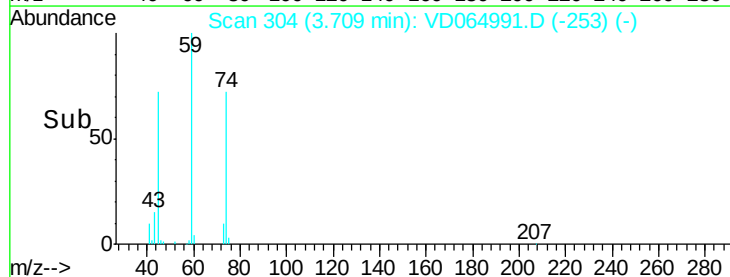
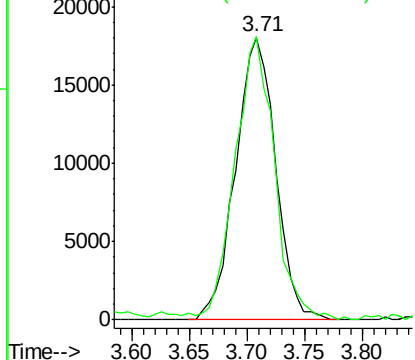
#8

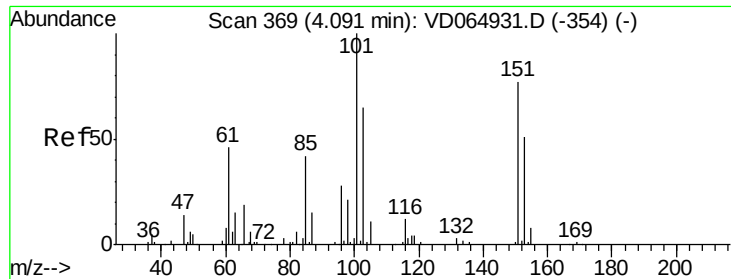
Diethyl Ether
 Concen: 21.11 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

Tgt Ion: 74 Resp: 43547
 Ion Ratio Lower Upper
 74 100
 45 98.8 48.5 145.5



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.03 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD064991.D

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MSVOA_D

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VD0129SBSD01

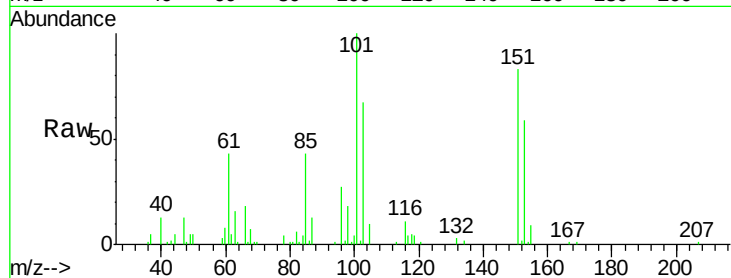
Tgt Ion:101 Resp: 93667

Ion Ratio Lower Upper

101 100

85 45.1 35.0 52.4

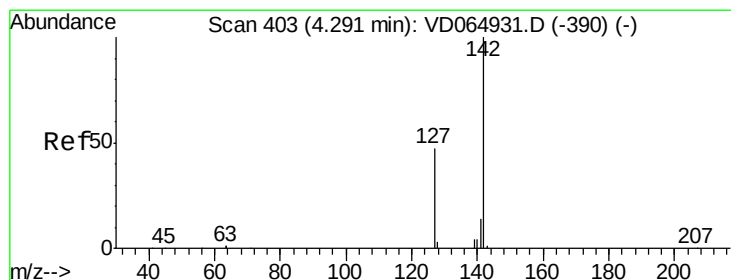
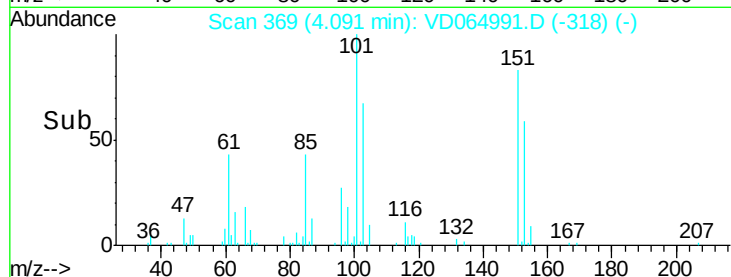
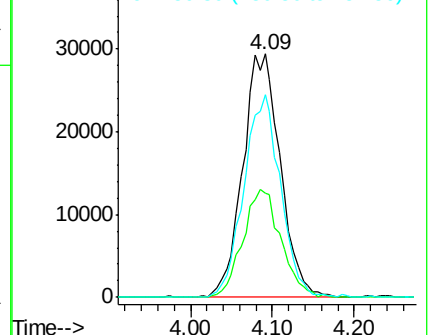
151 81.4 64.6 96.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.47 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

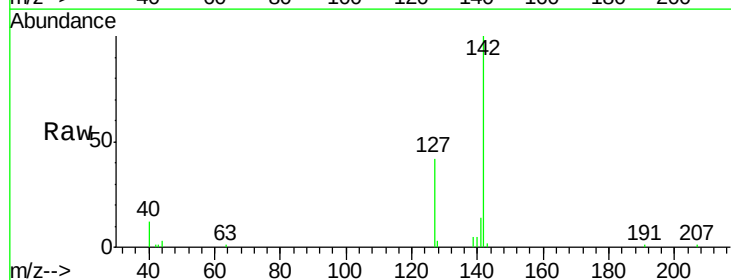
Tgt Ion:142 Resp: 96887

Ion Ratio Lower Upper

142 100

127 44.1 36.2 54.2

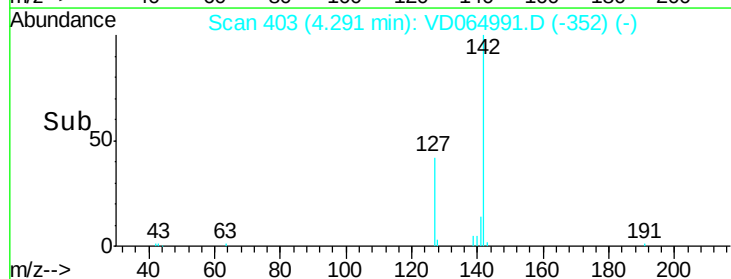
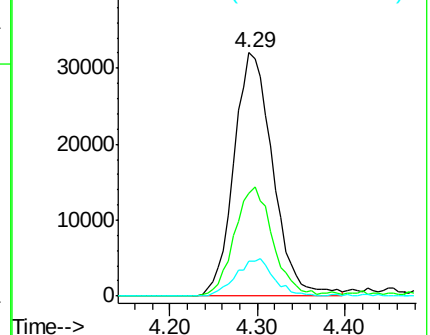
141 14.8 11.6 17.4

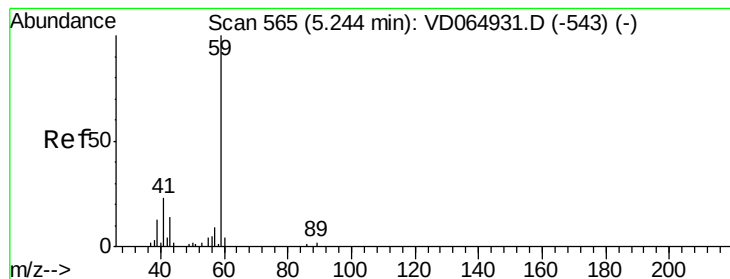


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



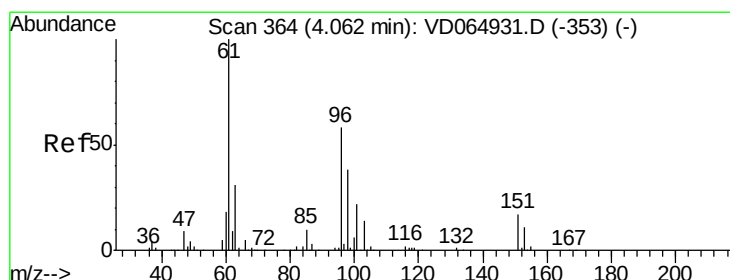
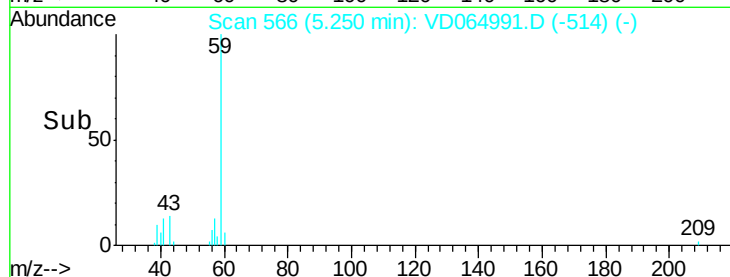
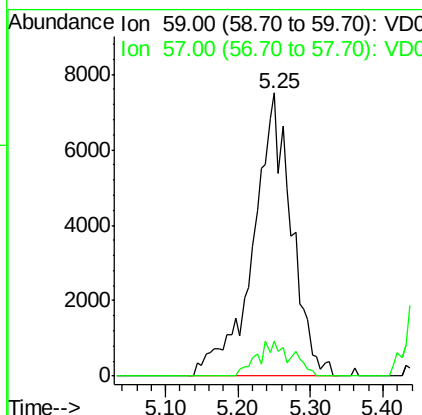
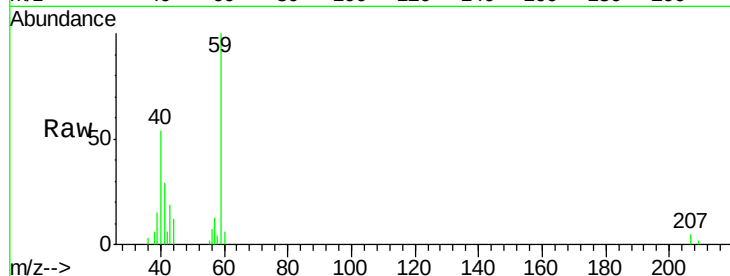


#11

Tert butyl alcohol
 Concen: 111.74 ug/l
 RT: 5.25 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0129SBSD01

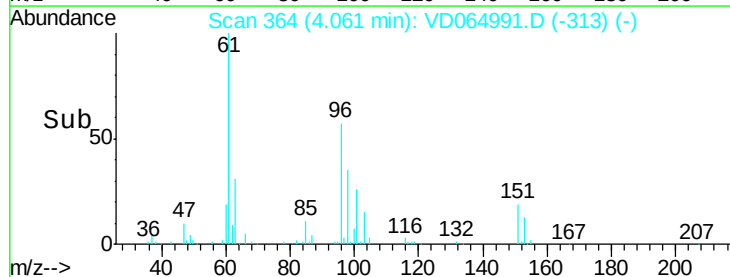
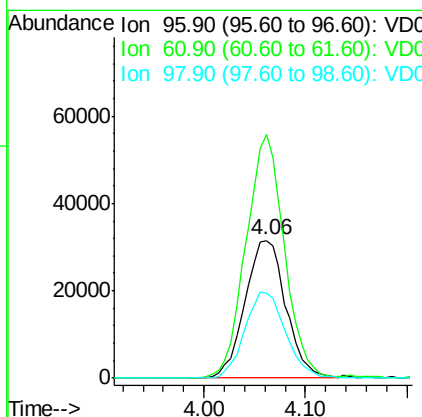
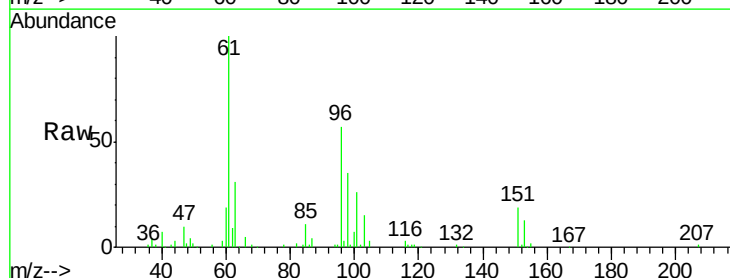
Tgt Ion: 59 Resp: 27632
 Ion Ratio Lower Upper
 59 100
 57 8.1 7.7 11.5

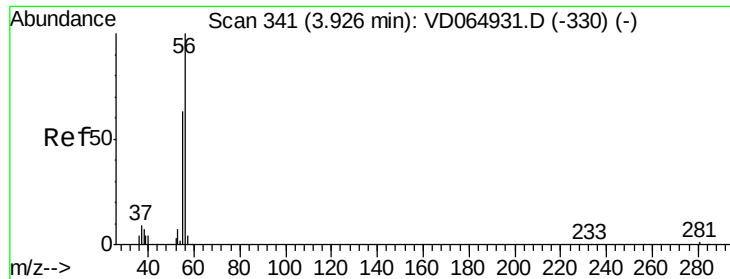


#12

1,1-Dichloroethene
 Concen: 21.85 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

Tgt Ion: 96 Resp: 88727
 Ion Ratio Lower Upper
 96 100
 61 176.9 137.0 205.4
 98 61.9 52.1 78.1





#13

Acrolein

Concen: 83.70 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

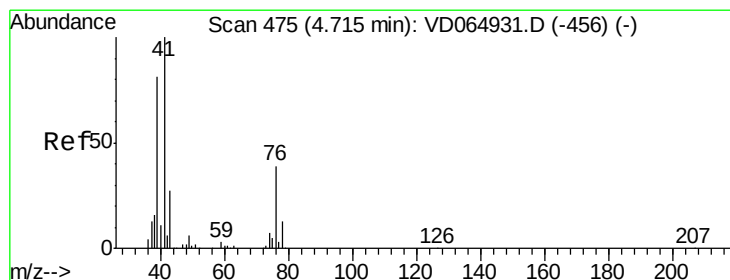
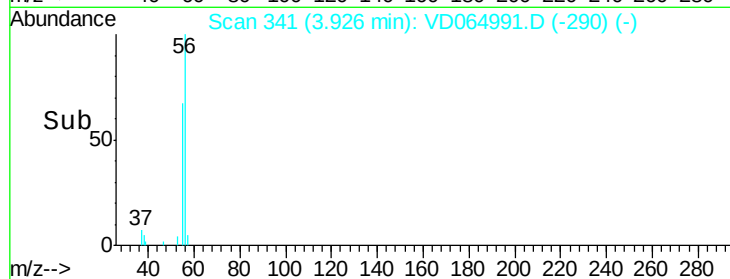
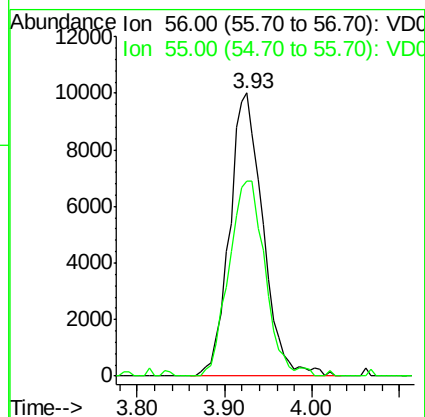
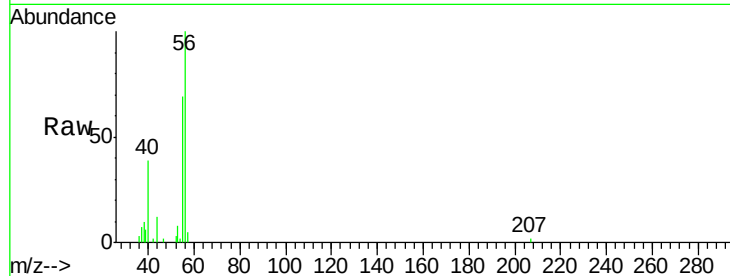
VD0129SBSD01

Tgt Ion: 56 Resp: 25947

Ion Ratio Lower Upper

56 100

55 73.8 59.7 89.5



#14

Allyl chloride

Concen: 21.44 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

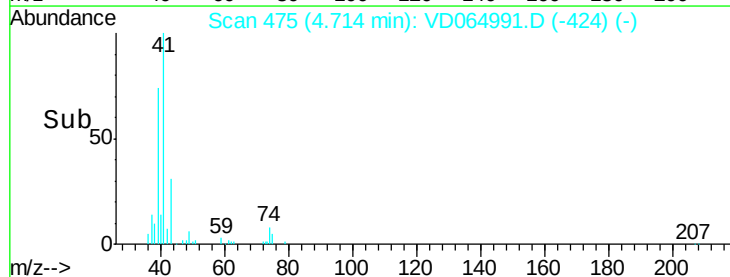
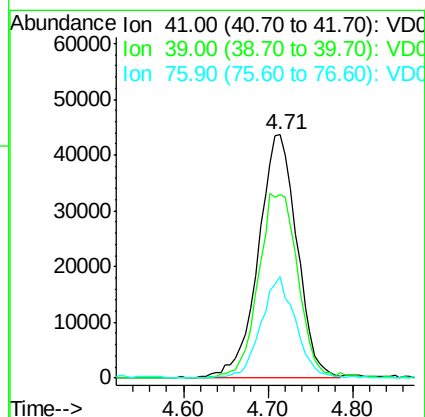
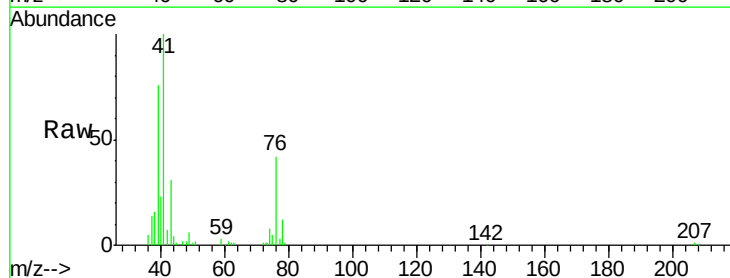
Tgt Ion: 41 Resp: 138882

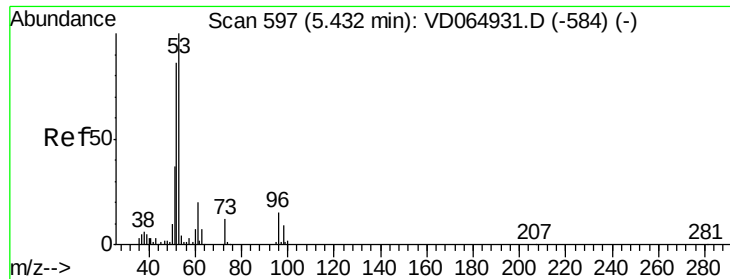
Ion Ratio Lower Upper

41 100

39 77.4 62.0 93.0

76 37.5 29.3 43.9





#15

Acrylonitrile

Concen: 105.31 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0129SBSD01

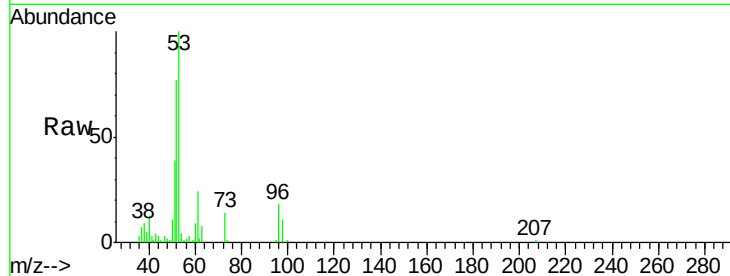
Tgt Ion: 53 Resp: 94067

Ion Ratio Lower Upper

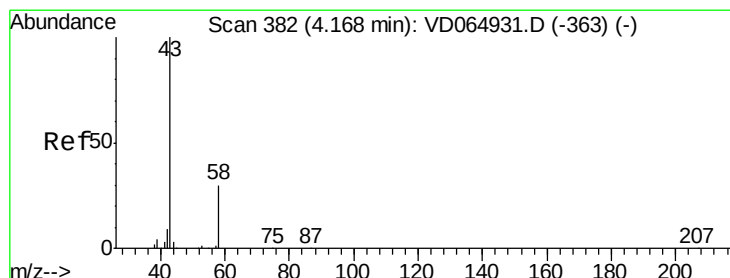
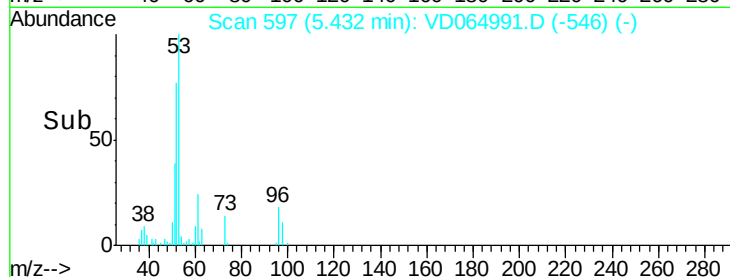
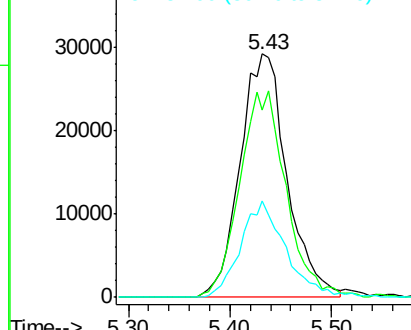
53 100

52 84.0 66.7 100.1

51 38.4 31.1 46.7



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: 90.39 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064991.D

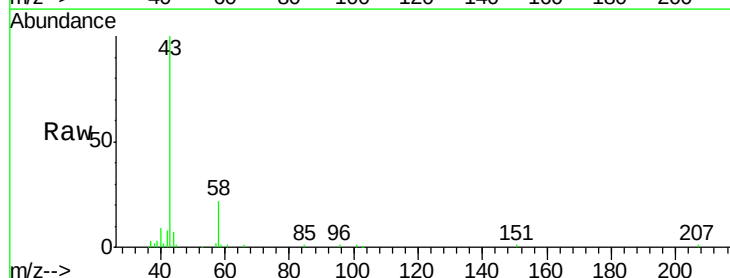
Acq: 29 Jan 2020 12:28

Tgt Ion: 43 Resp: 96466

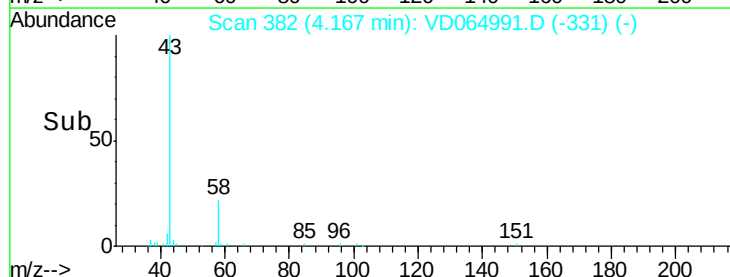
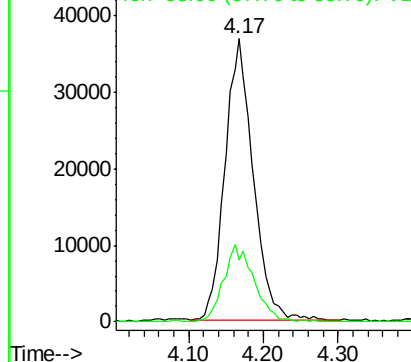
Ion Ratio Lower Upper

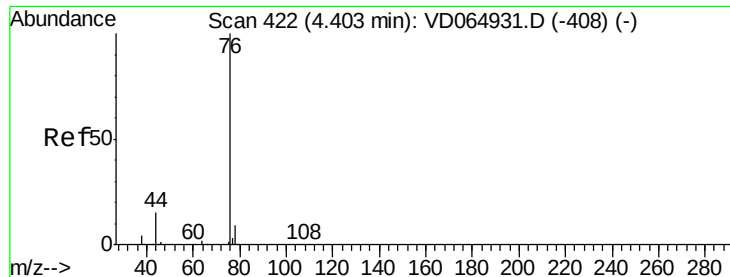
43 100

58 22.1 23.8 35.8#



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





#17

Carbon Disulfide

Concen: 20.83 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.00 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

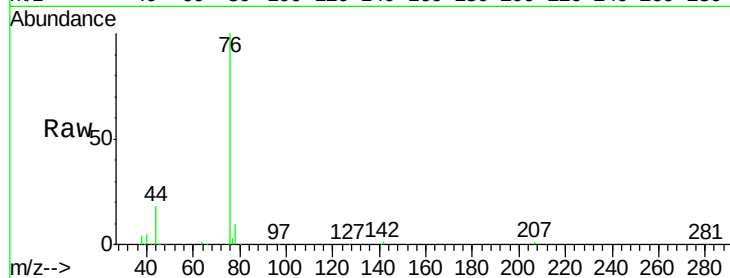
VD0129SBSD01

Tgt Ion: 76 Resp: 278348

Ion Ratio Lower Upper

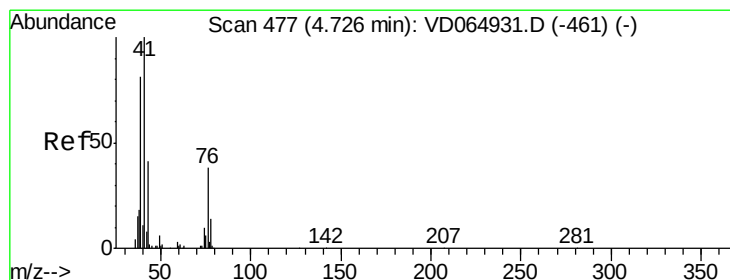
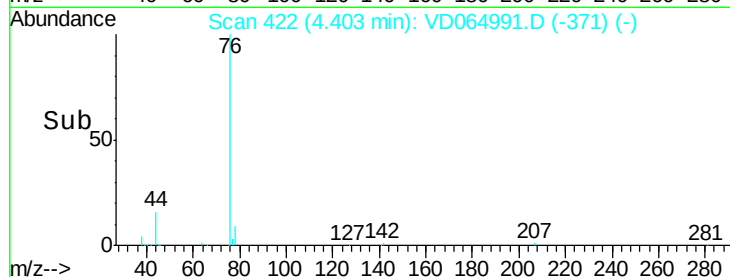
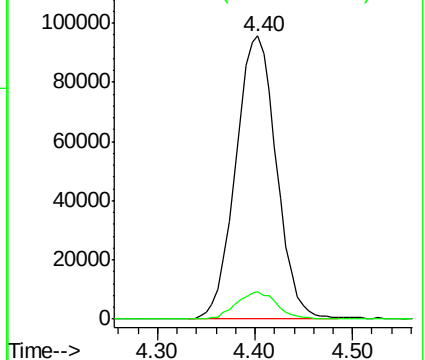
76 100

78 9.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 22.29 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.01 min

Lab File: VD064991.D

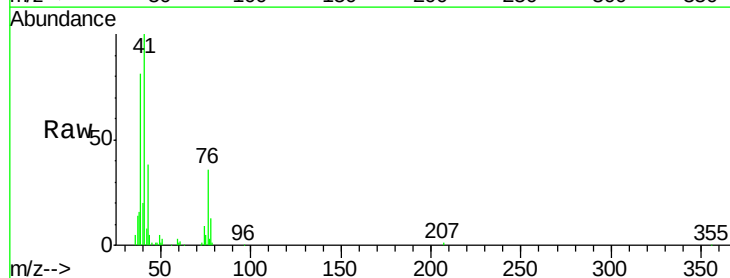
Acq: 29 Jan 2020 12:28

Tgt Ion: 43 Resp: 46715

Ion Ratio Lower Upper

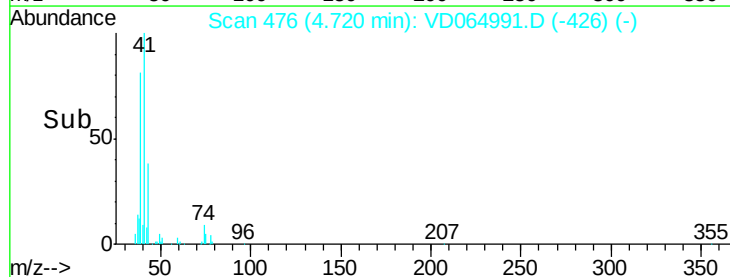
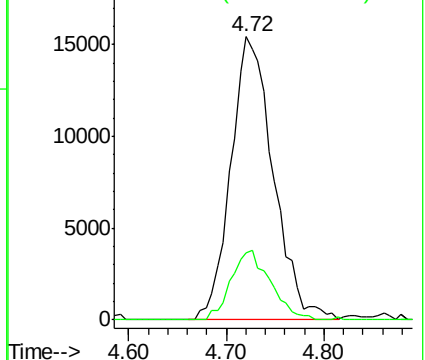
43 100

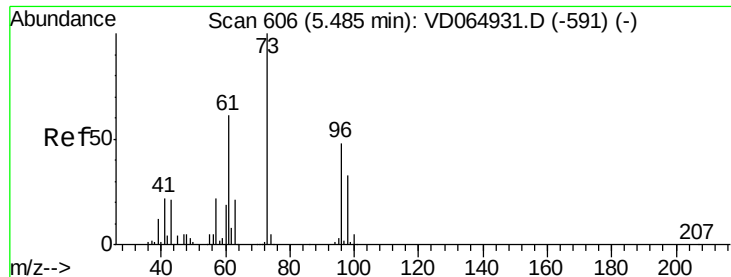
74 22.9 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

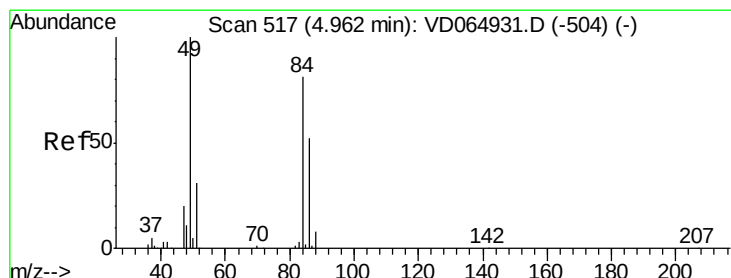
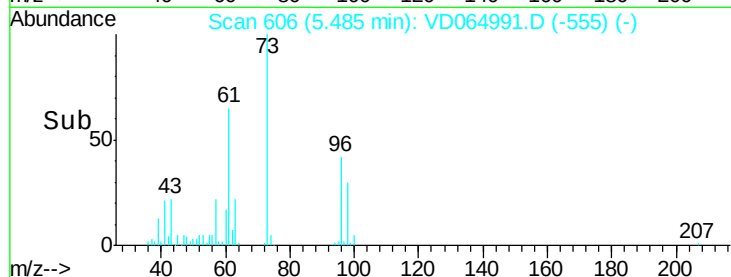
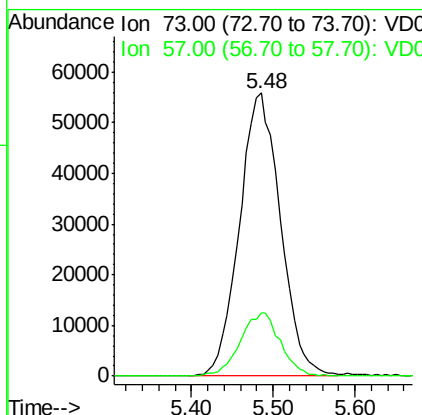
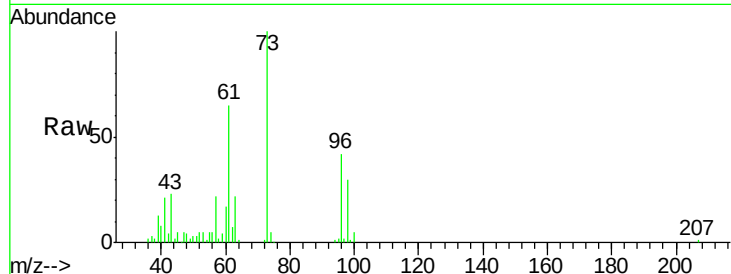




#19
Methyl tert-butyl Ether
Concen: 21.46 ug/l
RT: 5.48 min Scan# 606
Delta R.T. -0.00 min
Lab File: VD064991.D
Acq: 29 Jan 2020 12:28

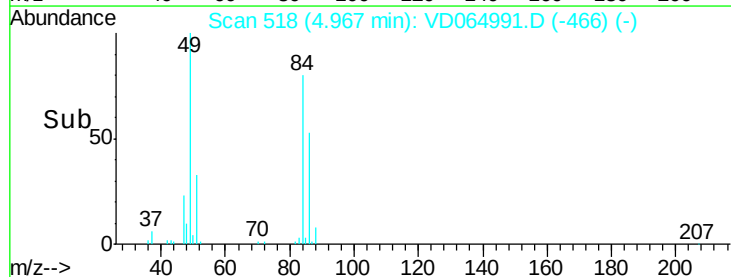
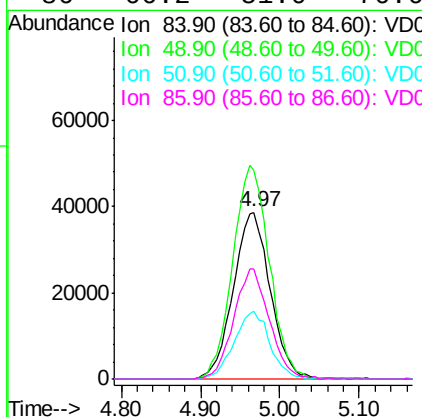
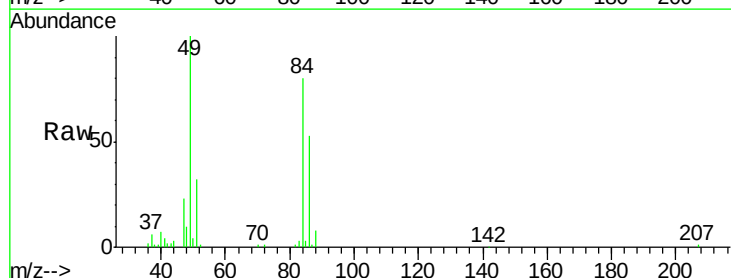
Instrument :
MSVOA_D
ClientSampleId :
VD0129SBSD01

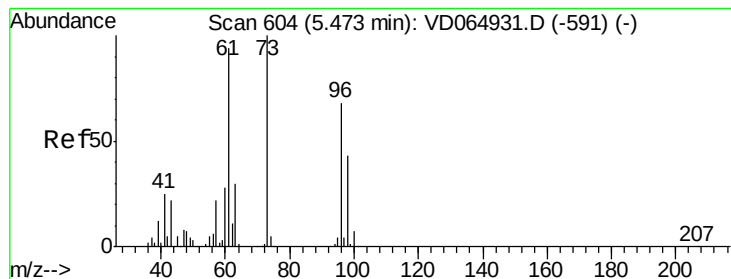
Tgt Ion: 73 Resp: 194725
Ion Ratio Lower Upper
73 100
57 22.3 17.9 26.9



#20
Methylene Chloride
Concen: 25.65 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064991.D
Acq: 29 Jan 2020 12:28

Tgt Ion: 84 Resp: 125180
Ion Ratio Lower Upper
84 100
49 124.8 98.4 147.6
51 40.5 30.8 46.2
86 66.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 22.16 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0129SBS01

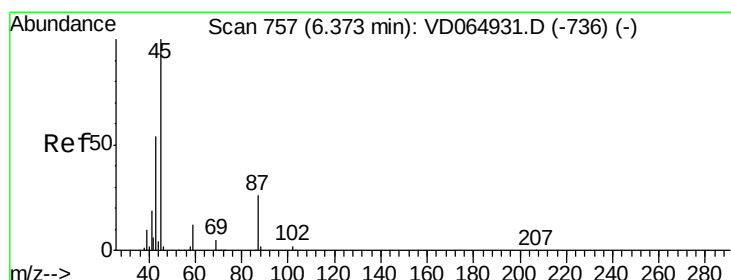
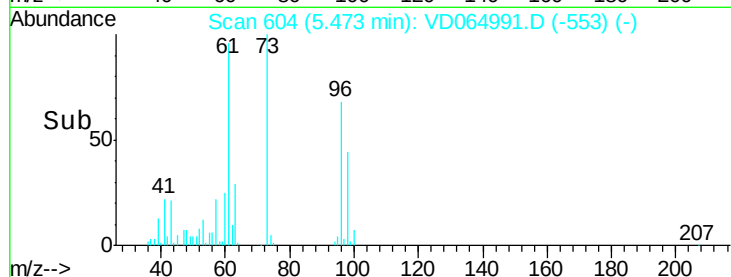
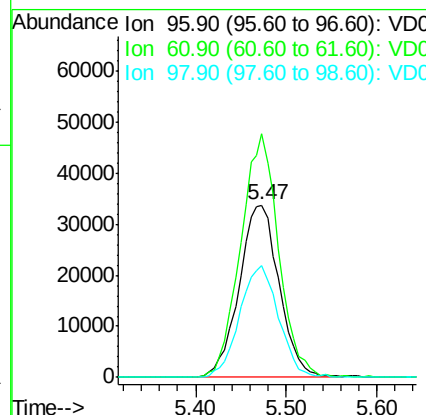
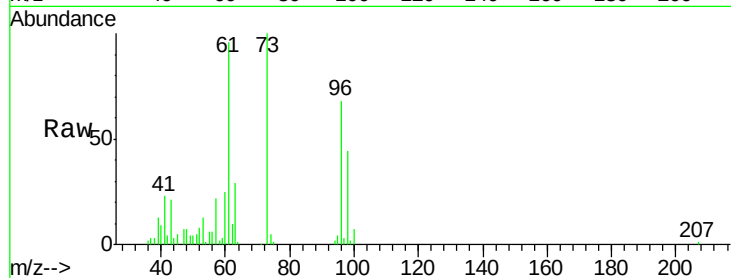
Tgt Ion: 96 Resp: 103703

Ion Ratio Lower Upper

96 100

61 141.1 110.4 165.6

98 64.8 50.5 75.7



#22

Diisopropyl ether

Concen: 21.61 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

Tgt Ion: 45 Resp: 278892

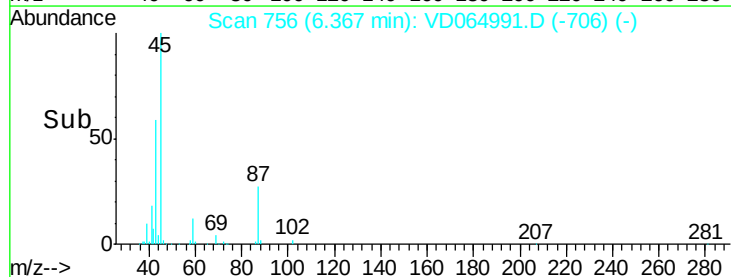
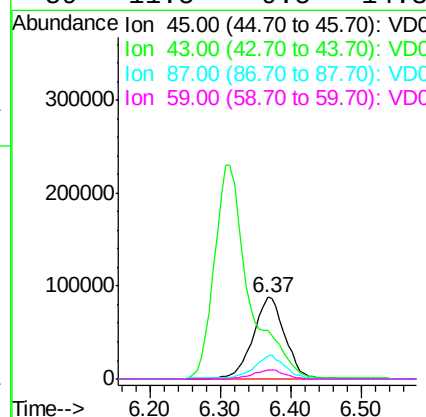
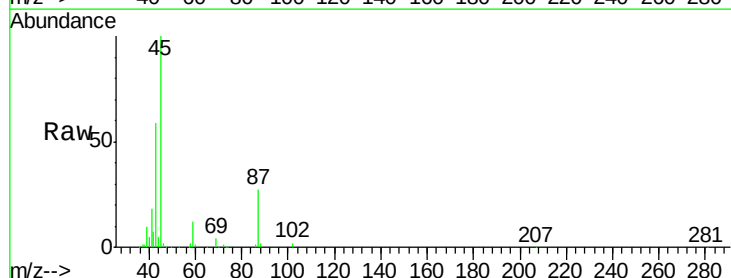
Ion Ratio Lower Upper

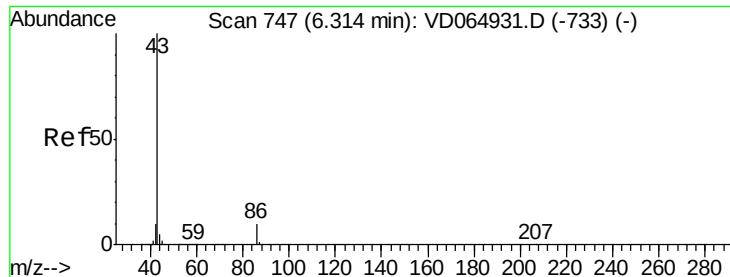
45 100

43 57.7 43.1 64.7

87 27.3 21.4 32.2

59 11.5 9.5 14.3





#23

Vinyl Acetate

Concen: 103.86 ug/l

RT: 6.31 min Scan# 747

Delta R.T. -0.00 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

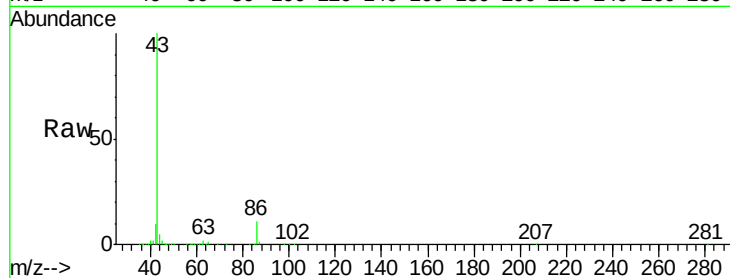
VD0129SBSD01

Tgt Ion: 43 Resp: 784888

Ion Ratio Lower Upper

43 100

86 10.7 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

250000

200000

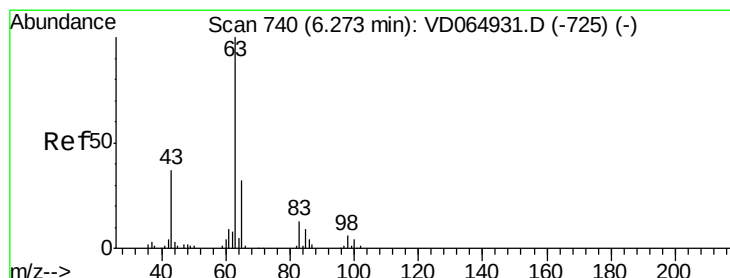
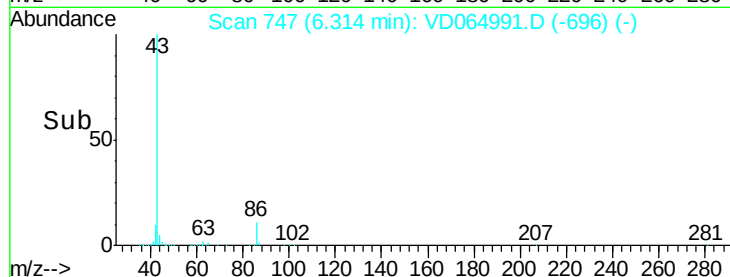
150000

100000

50000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 22.03 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

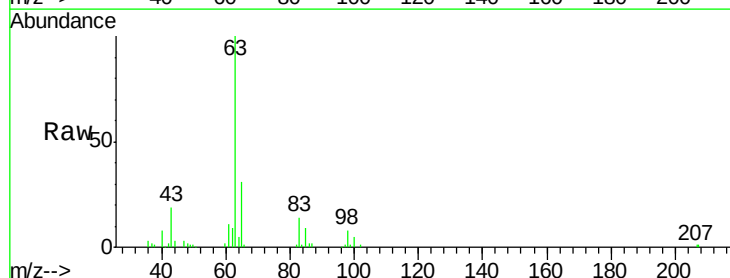
Tgt Ion: 63 Resp: 174571

Ion Ratio Lower Upper

63 100

98 8.1 3.1 9.3

100 4.9 2.3 6.8



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

6.27

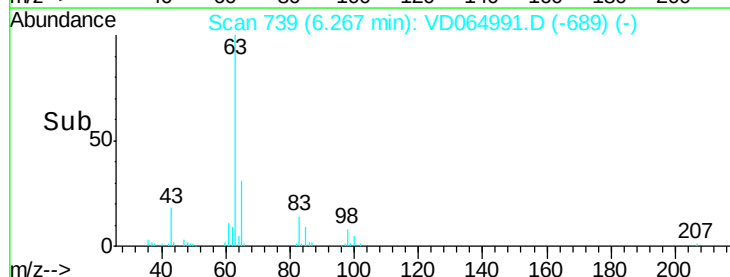
60000

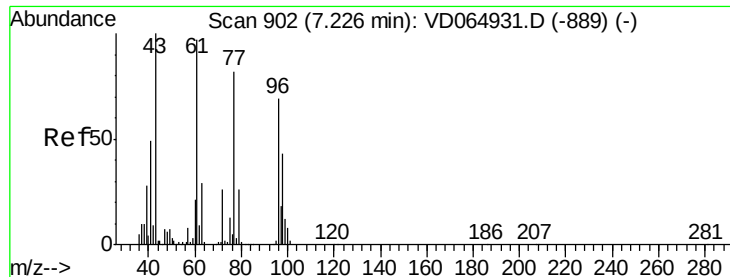
40000

20000

0

Time--> 6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 101.18 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

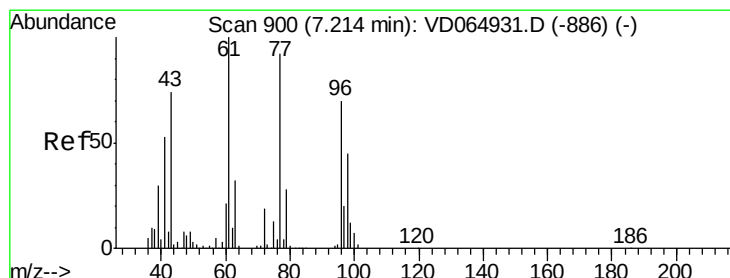
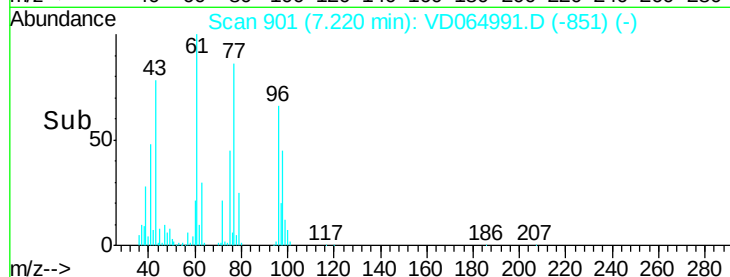
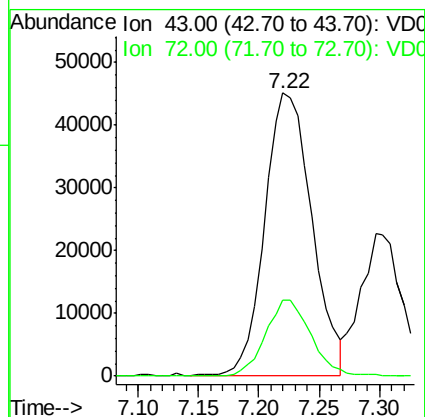
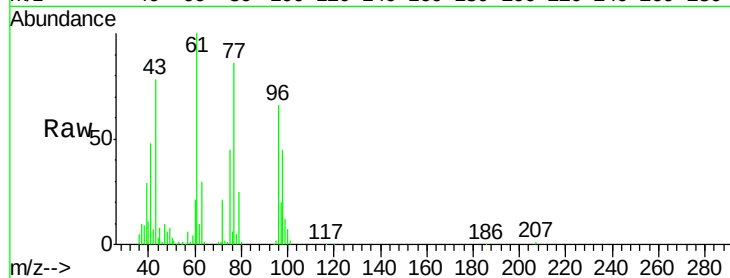
VD0129SBSD01

Tgt Ion: 43 Resp: 122328

Ion Ratio Lower Upper

43 100

72 26.8 20.6 31.0



#26

2,2-Dichloropropane

Concen: 22.28 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD064991.D

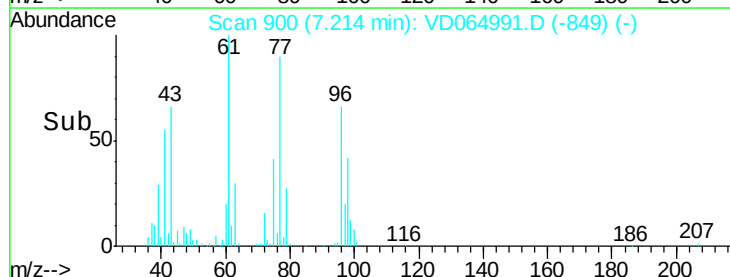
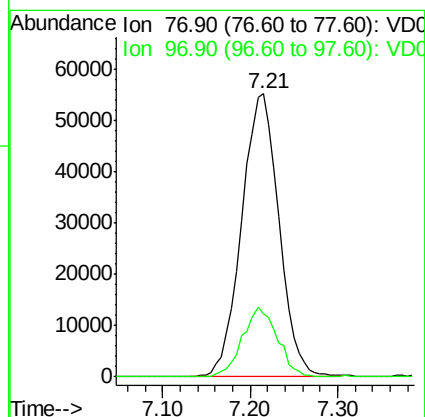
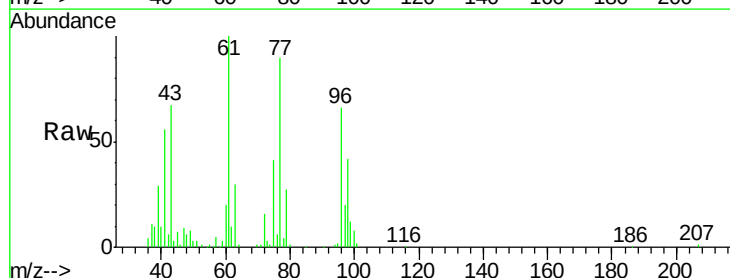
Acq: 29 Jan 2020 12:28

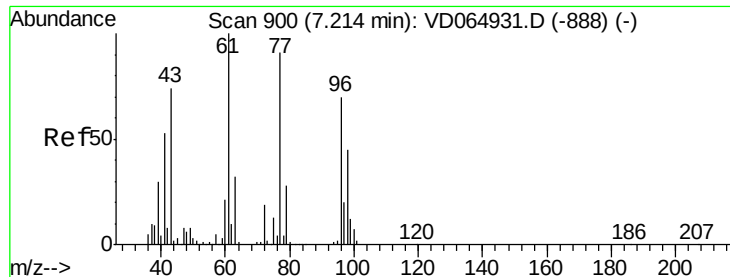
Tgt Ion: 77 Resp: 160148

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.37 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0129SBSD01

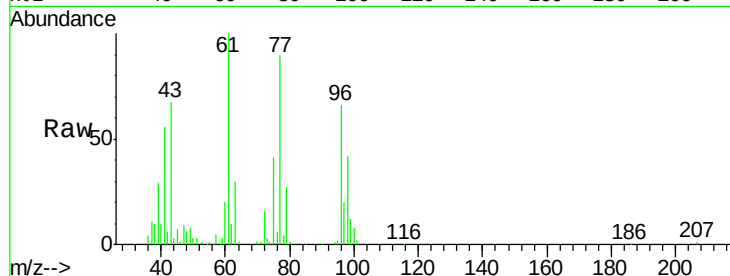
Tgt Ion: 96 Resp: 106717

Ion Ratio Lower Upper

96 100

61 150.7 0.0 292.8

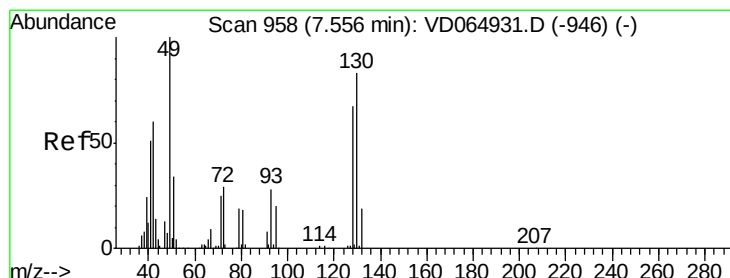
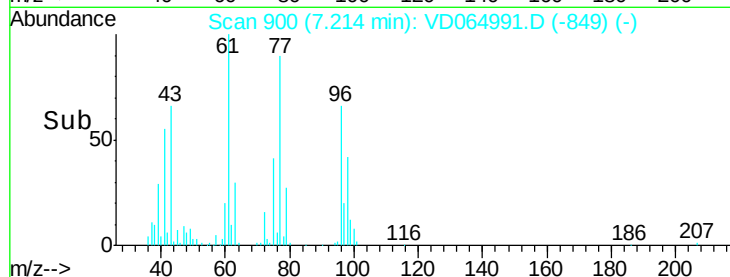
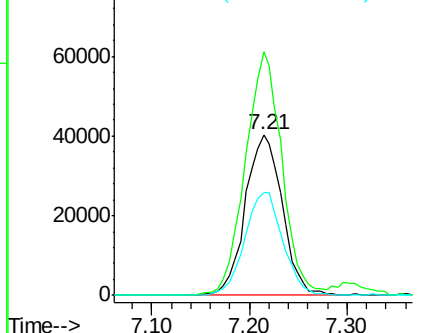
98 66.2 0.0 130.0



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



#28

Bromochloromethane

Concen: 17.90 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.00 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

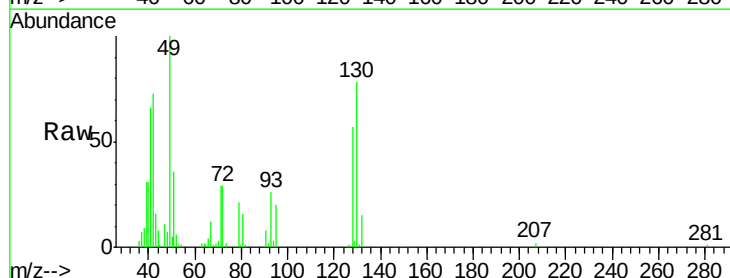
Tgt Ion: 49 Resp: 56744

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

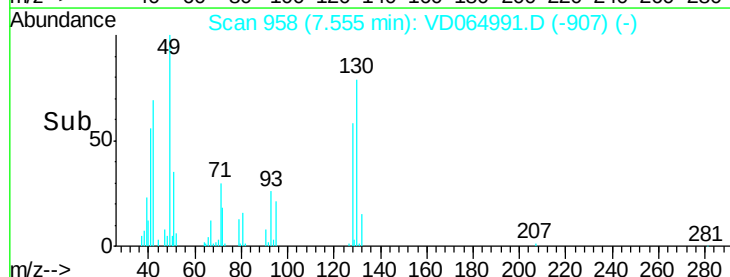
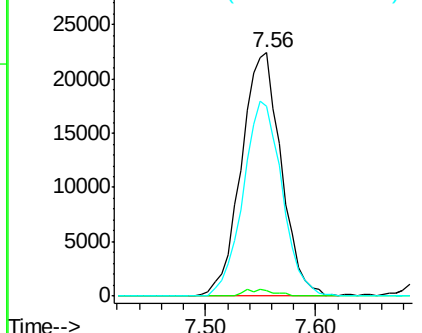
130 78.2 63.8 95.8

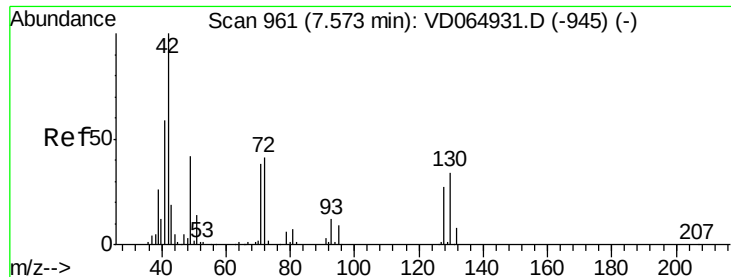


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

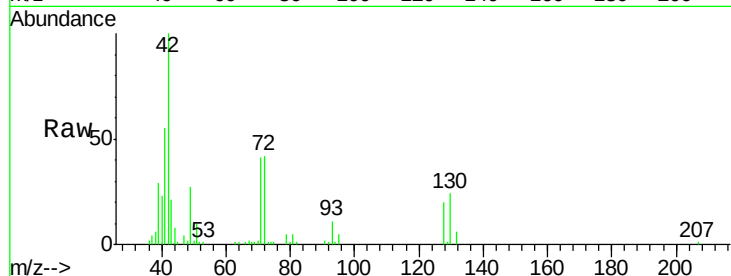




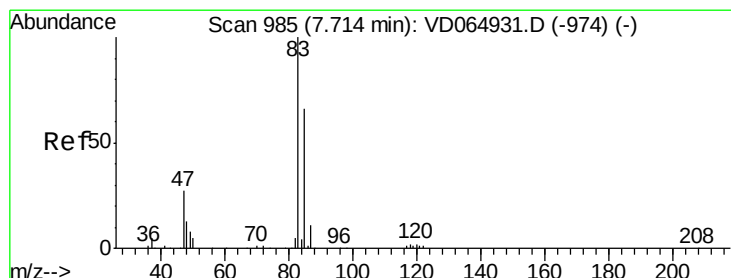
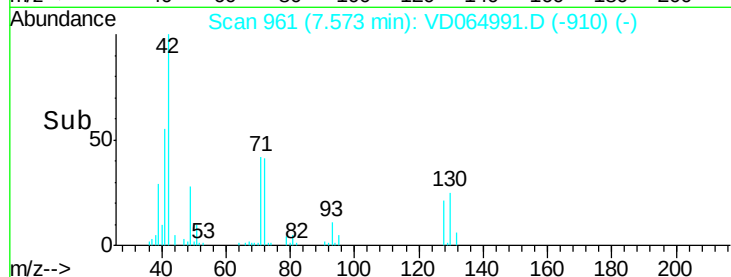
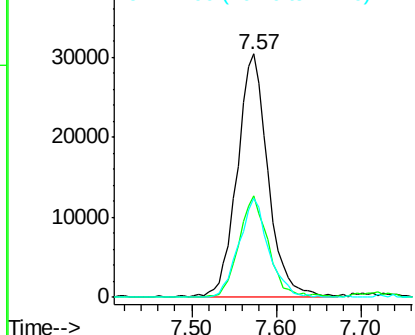
#29
Tetrahydrofuran
Concen: 103.06 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD064991.D
Acq: 29 Jan 2020 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0129SBSD01

Tgt Ion: 42 Resp: 76875
Ion Ratio Lower Upper
42 100
72 40.0 34.0 51.0
71 39.2 31.5 47.3

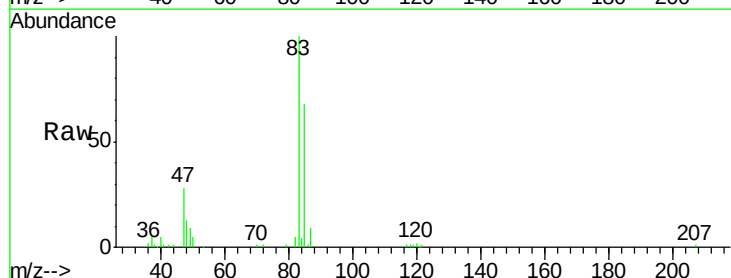


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

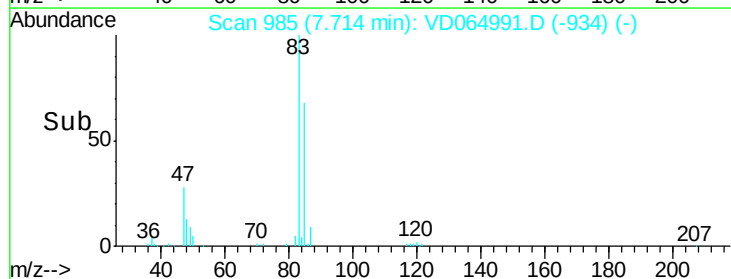
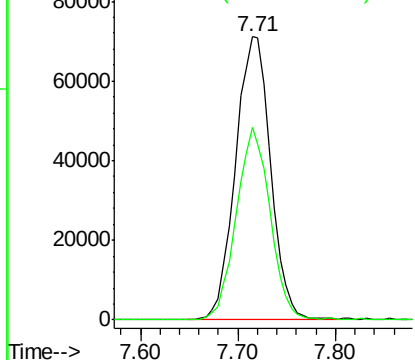


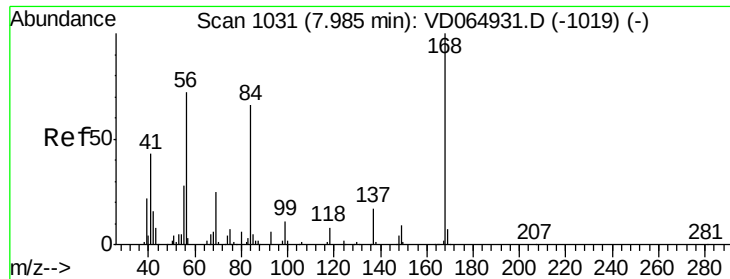
#30
Chloroform
Concen: 21.82 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD064991.D
Acq: 29 Jan 2020 12:28

Tgt Ion: 83 Resp: 178750
Ion Ratio Lower Upper
83 100
85 67.9 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC

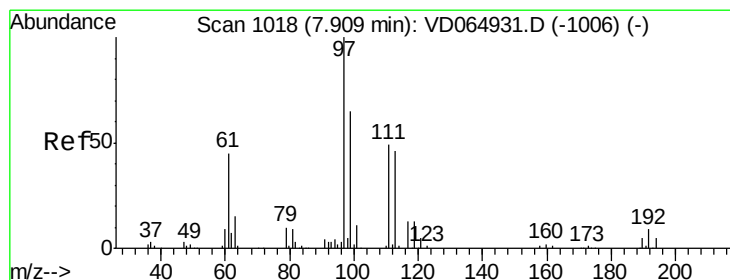
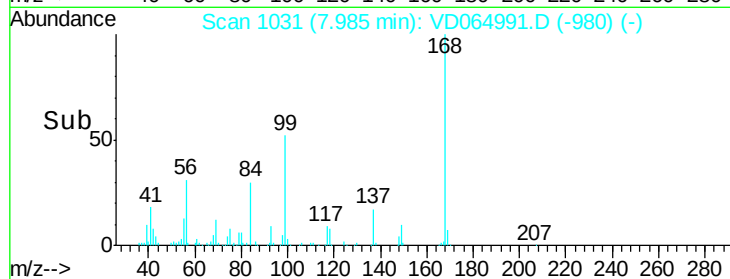
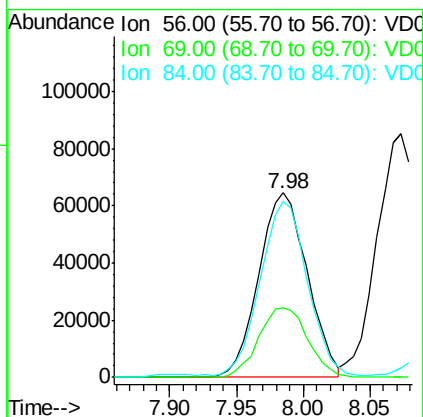
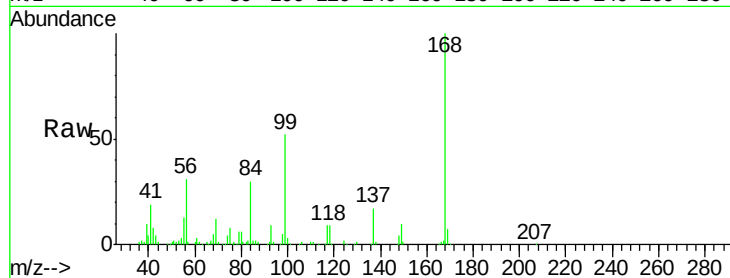




#31
Cyclohexane
Concen: 20.85 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064991.D
Acq: 29 Jan 2020 12:28

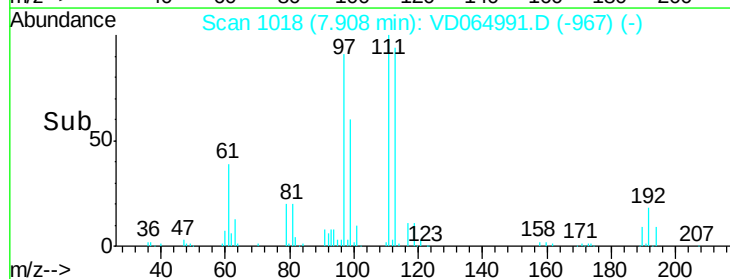
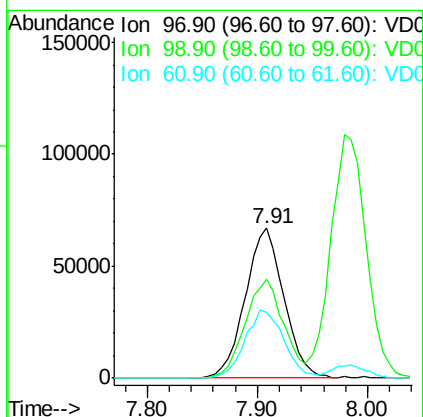
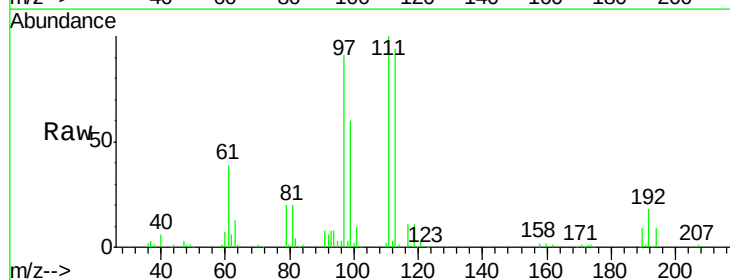
Instrument :
MSVOA_D
ClientSampleId :
VD0129SBSD01

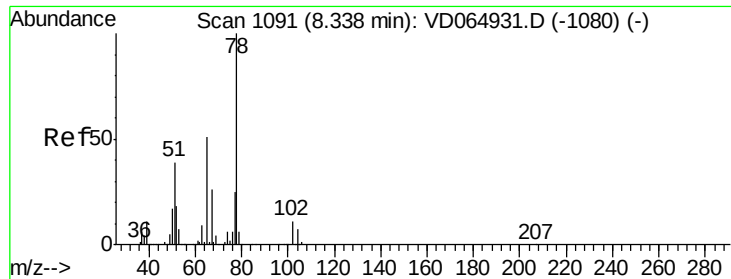
Tgt Ion: 56 Resp: 162525
Ion Ratio Lower Upper
56 100
69 37.4 27.9 41.9
84 93.5 72.8 109.2



#32
1,1,1-Trichloroethane
Concen: 21.64 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD064991.D
Acq: 29 Jan 2020 12:28

Tgt Ion: 97 Resp: 164914
Ion Ratio Lower Upper
97 100
99 66.0 50.6 76.0
61 46.1 35.7 53.5

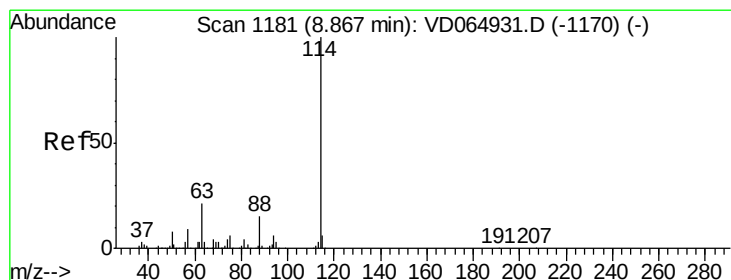
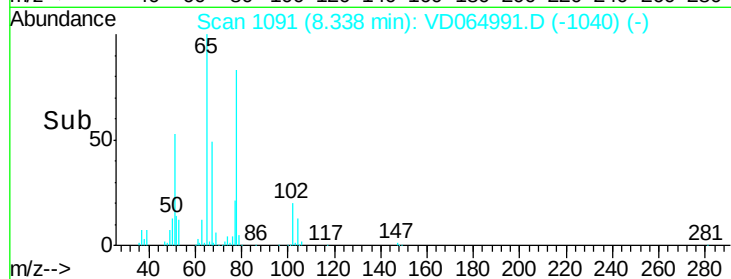
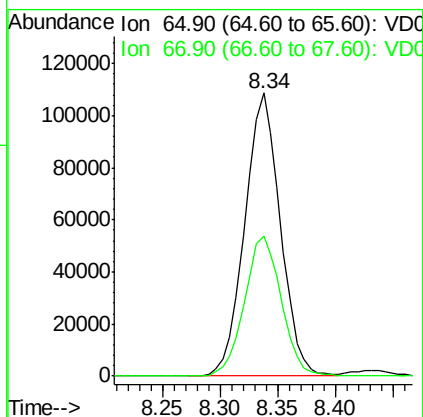
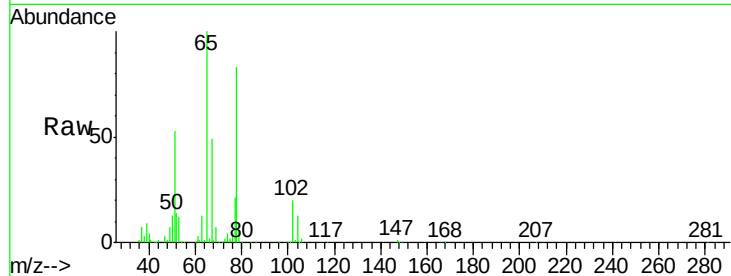




#33
 1,2-Dichloroethane-d4
 Concen: 52.10 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

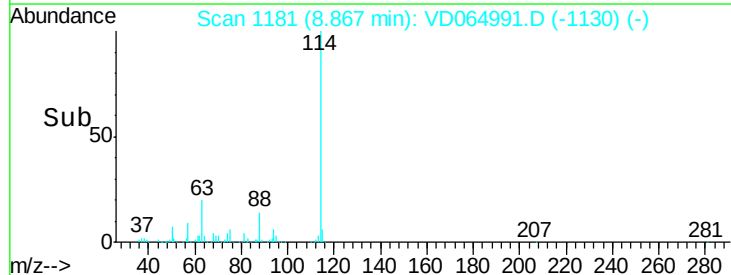
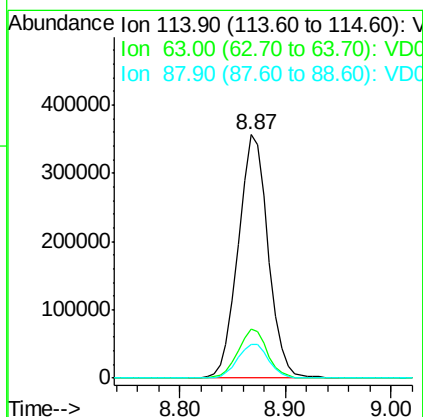
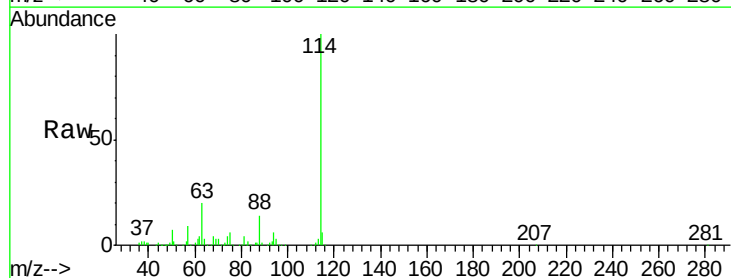
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0129SBSD01

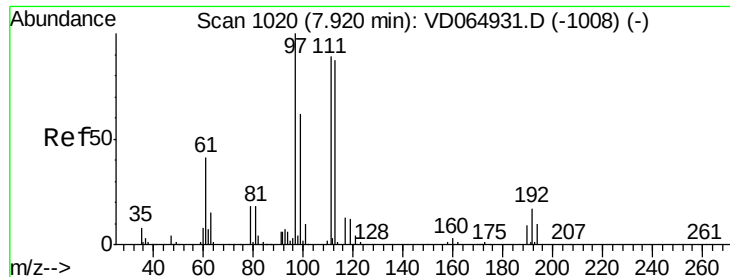
Tgt Ion: 65 Resp: 233156
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

Tgt Ion: 114 Resp: 699007
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.0
 88 14.1 0.0 29.4

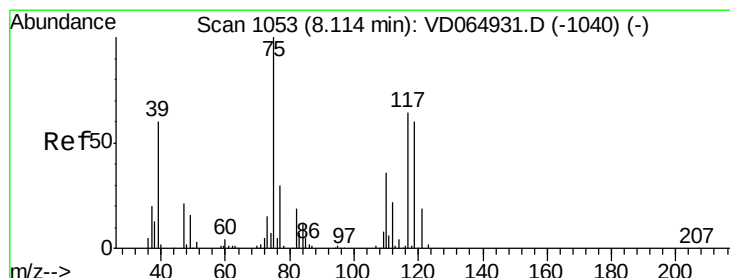
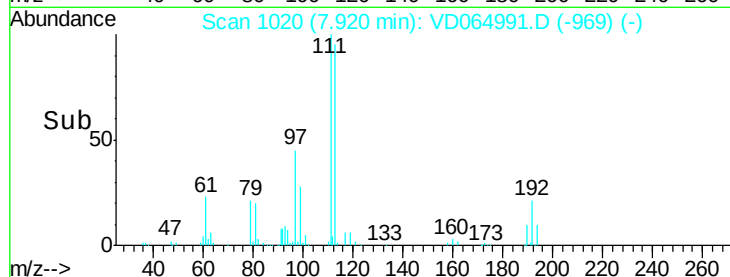
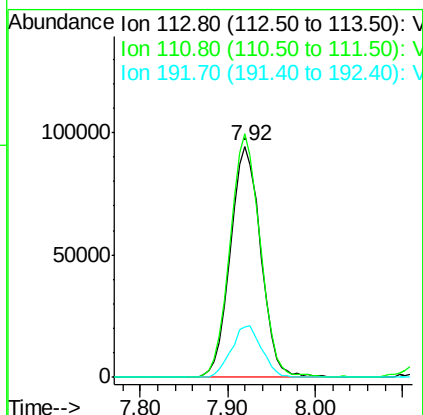
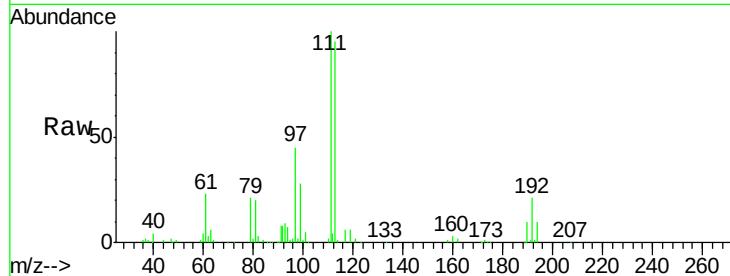




#35
Dibromofluoromethane
Concen: 50.74 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064991.D
Acq: 29 Jan 2020 12:28

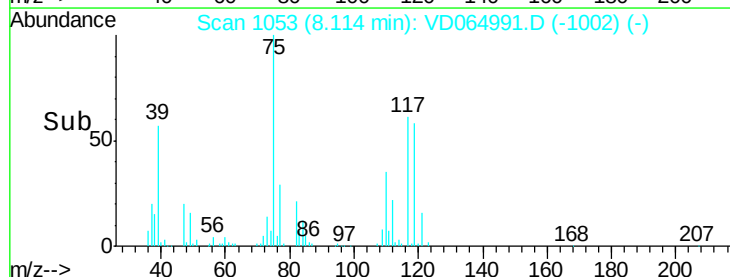
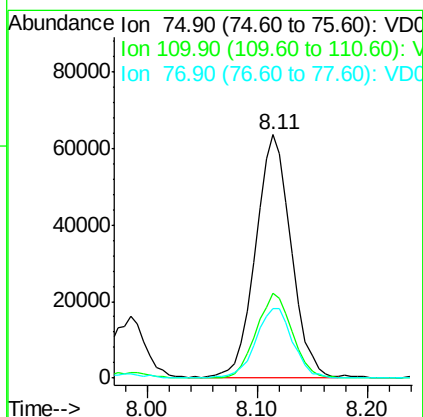
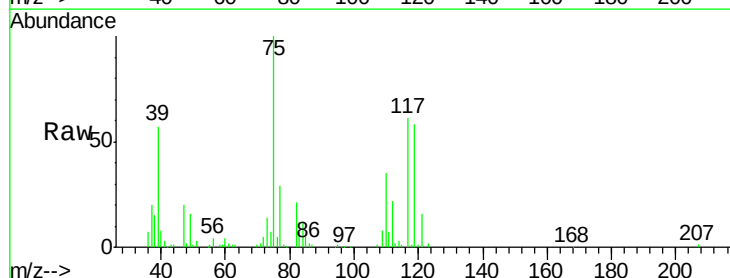
Instrument :
MSVOA_D
ClientSampleId :
VD0129SBSD01

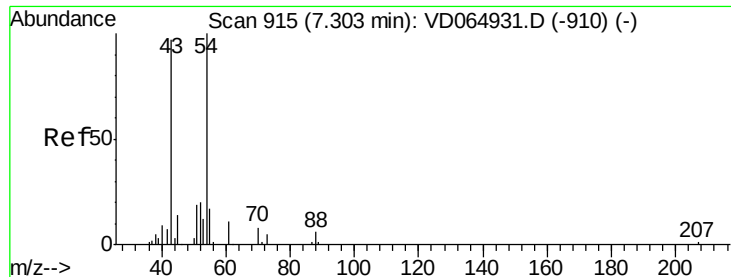
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.4	123.6
192	22.4	16.9	25.3



#36
1,1-Dichloropropene
Concen: 21.07 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD064991.D
Acq: 29 Jan 2020 12:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.3	52.0
77	30.3	24.7	37.1

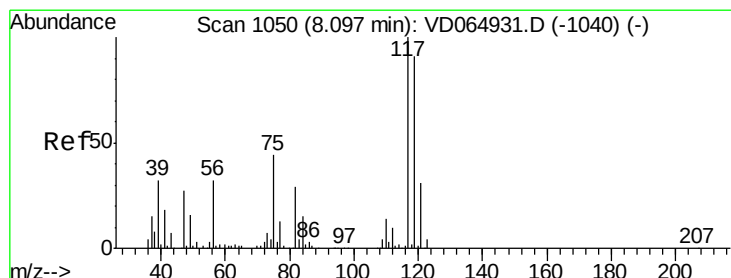
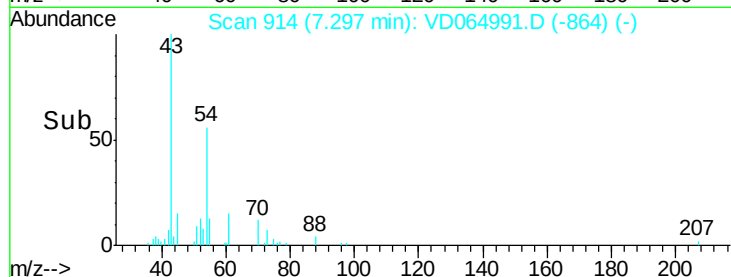
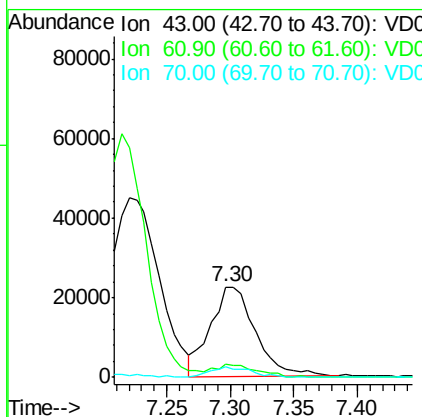
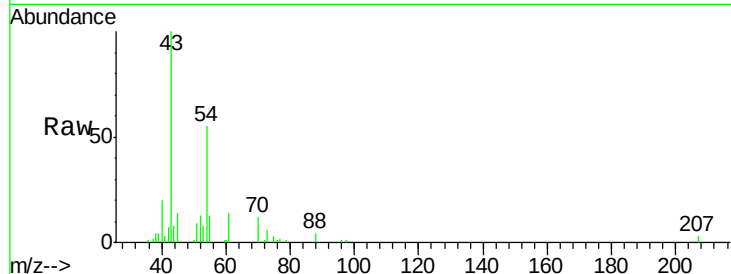




#37
Ethyl Acetate
 Concen: 19.88 ug/l
 RT: 7.30 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

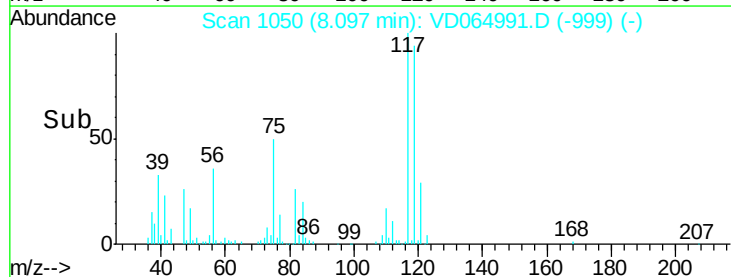
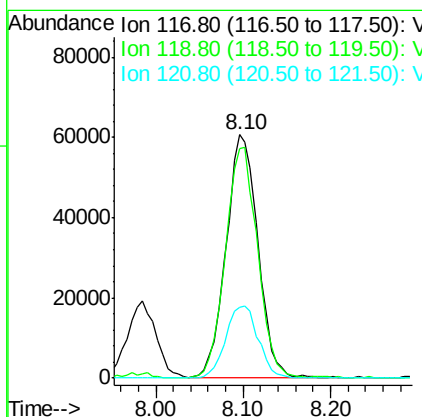
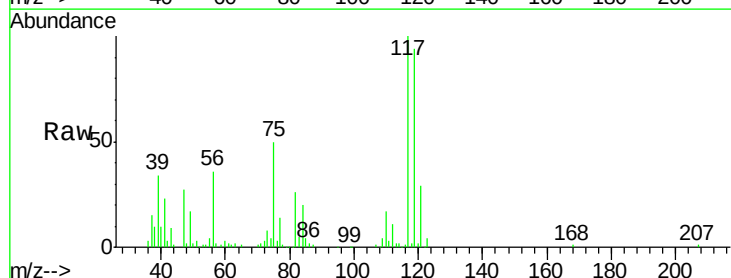
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0129SBSD01

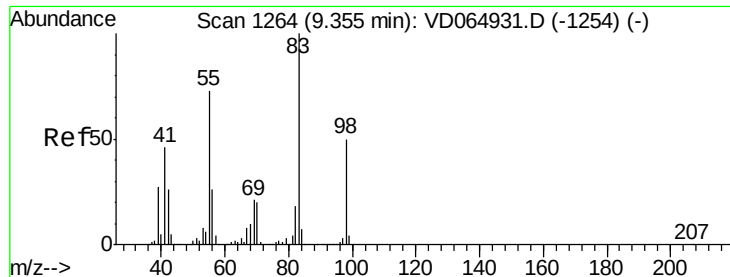
Tgt Ion: 43 Resp: 55363
 Ion Ratio Lower Upper
 43 100
 61 12.1 11.0 16.4
 70 10.9 7.5 11.3



#38
Carbon Tetrachloride
 Concen: 21.16 ug/l
 RT: 8.10 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

Tgt Ion: 117 Resp: 150717
 Ion Ratio Lower Upper
 117 100
 119 94.5 73.2 109.8
 121 29.0 24.4 36.6

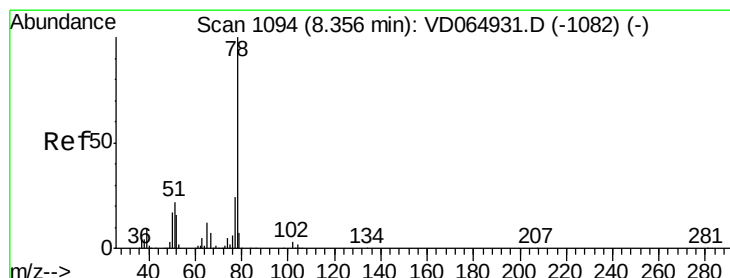
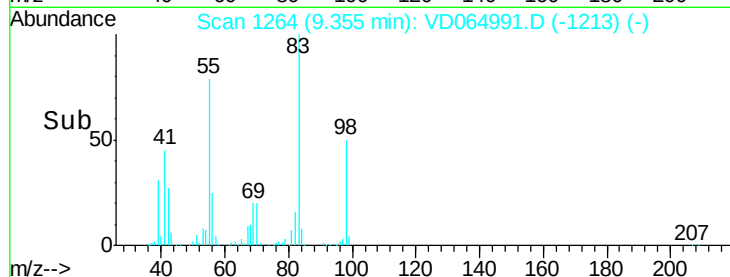
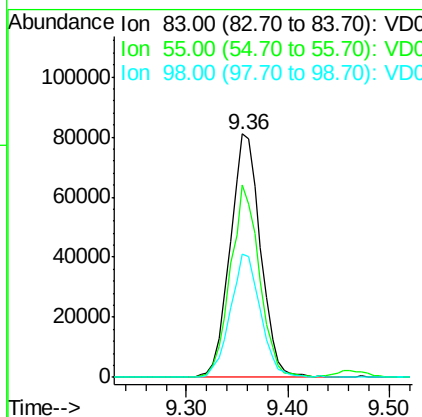
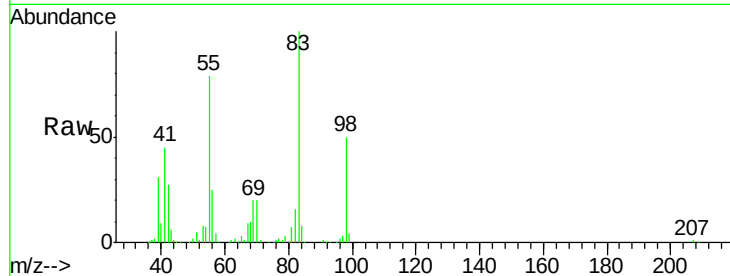




#39
Methylcyclohexane
Concen: 21.34 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD064991.D
Acq: 29 Jan 2020 12:28

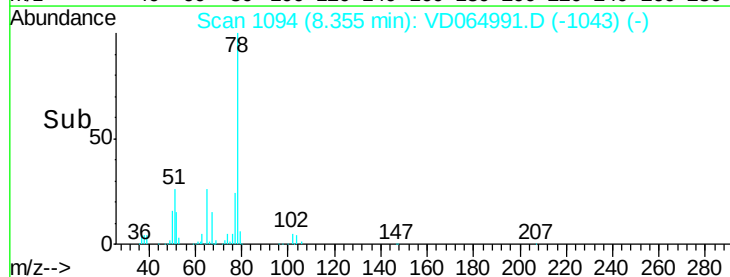
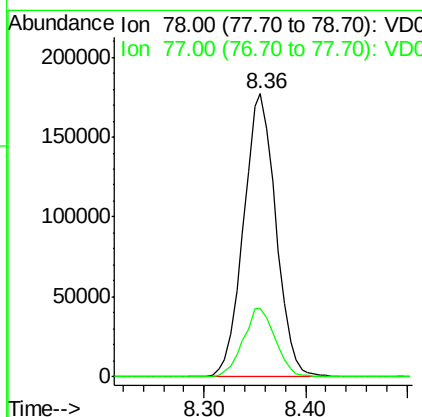
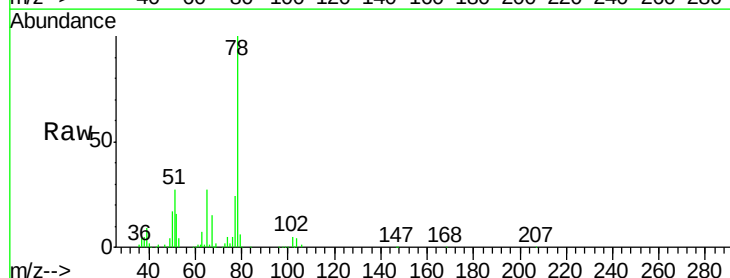
Instrument :
MSVOA_D
ClientSampleId :
VD0129SBS01

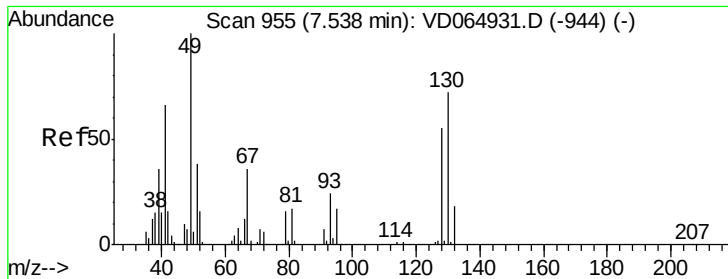
Tgt Ion: 83 Resp: 168131
Ion Ratio Lower Upper
83 100
55 79.3 58.7 88.1
98 50.5 40.2 60.2



#40
Benzene
Concen: 21.12 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD064991.D
Acq: 29 Jan 2020 12:28

Tgt Ion: 78 Resp: 392022
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

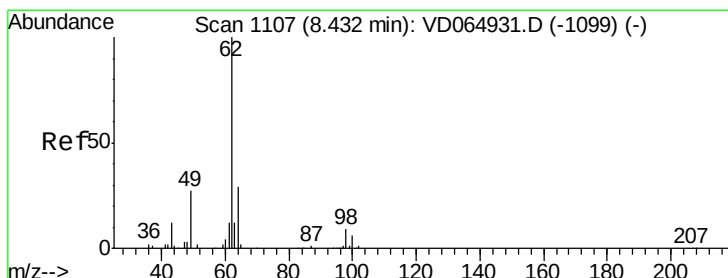
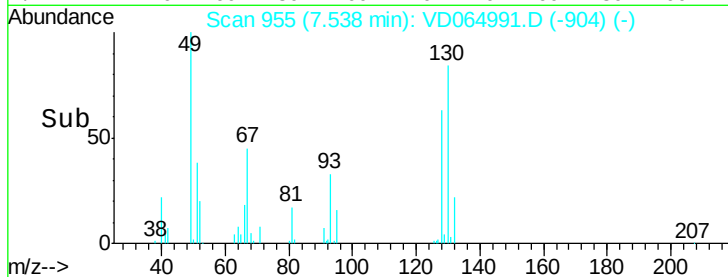
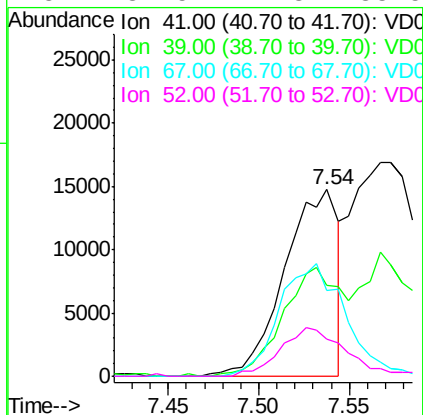
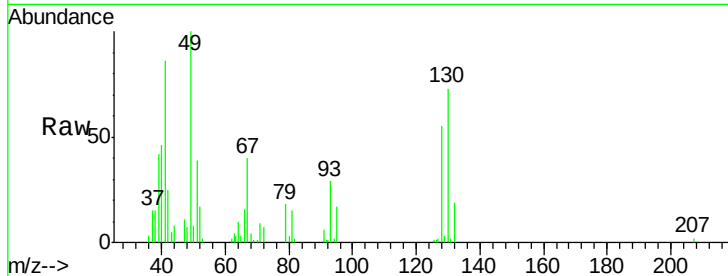




#41
Methacrylonitrile
Concen: 20.34 ug/l
RT: 7.54 min Scan# 955
Delta R.T. -0.00 min
Lab File: VD064991.D
Acq: 29 Jan 2020 12:28

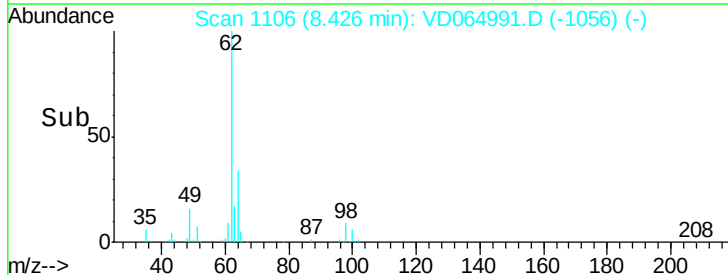
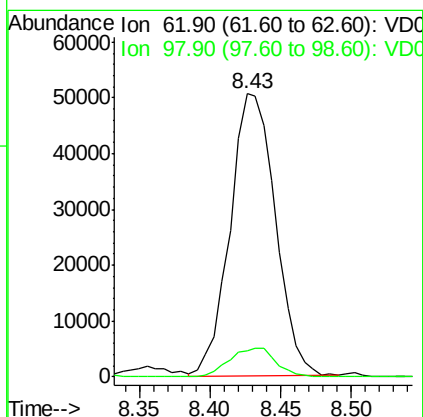
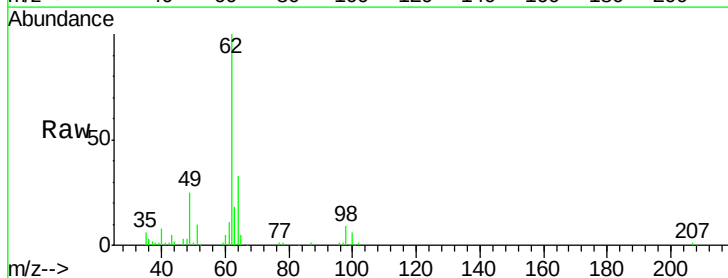
Instrument :
MSVOA_D
ClientSampleId :
VD0129SBSD01

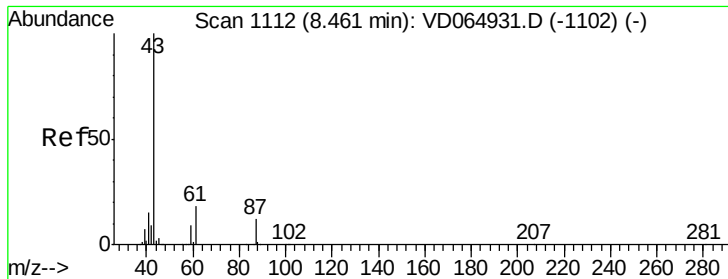
Tgt Ion: 41 Resp: 30508
Ion Ratio Lower Upper
41 100
39 64.8 49.3 73.9
67 74.7 51.0 76.6
52 31.5 22.3 33.5



#42
1,2-Dichloroethane
Concen: 20.49 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD064991.D
Acq: 29 Jan 2020 12:28

Tgt Ion: 62 Resp: 113314
Ion Ratio Lower Upper
62 100
98 10.3 0.0 17.8





#43

Isopropyl Acetate

Concen: 19.92 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0129SBS01

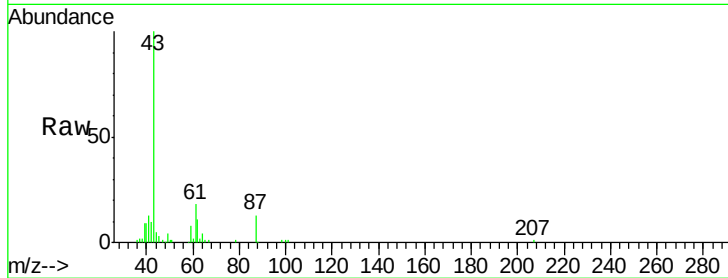
Tgt Ion: 43 Resp: 105356

Ion Ratio Lower Upper

43 100

61 30.3 23.8 35.6

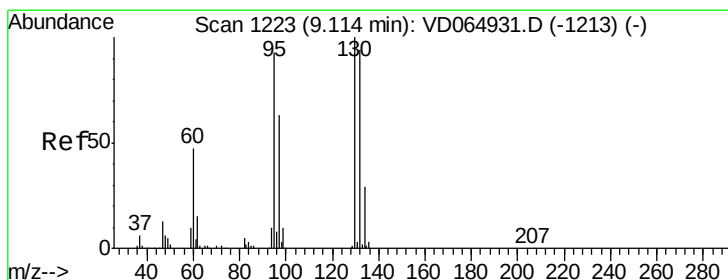
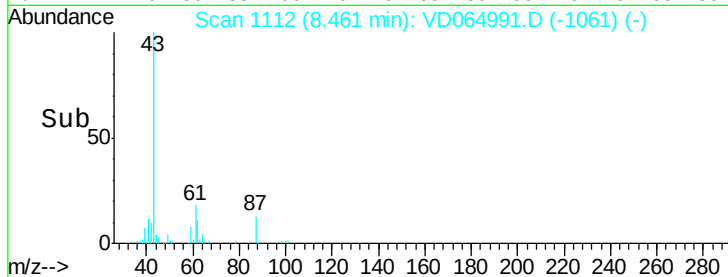
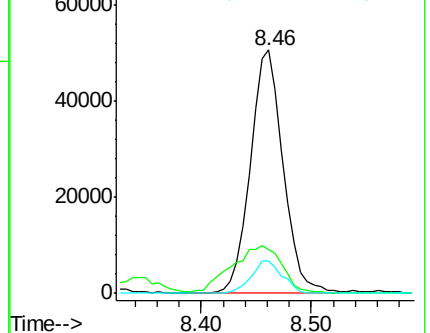
87 12.8 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 21.06 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. 0.01 min

Lab File: VD064991.D

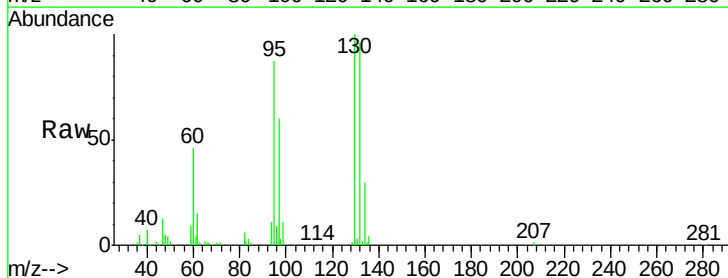
Acq: 29 Jan 2020 12:28

Tgt Ion: 130 Resp: 109422

Ion Ratio Lower Upper

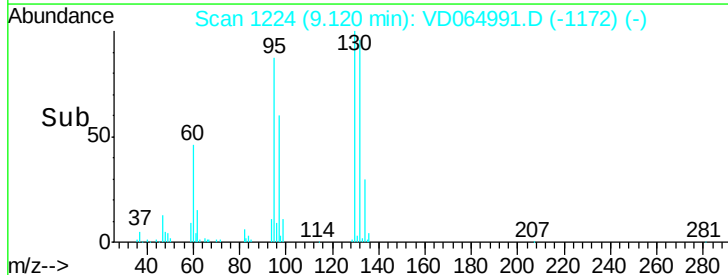
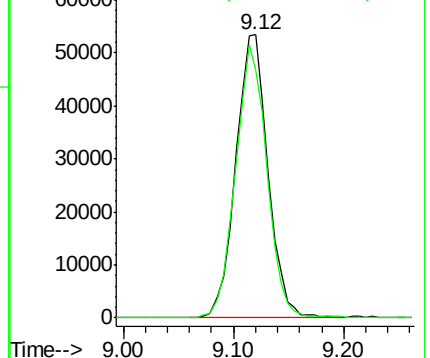
130 100

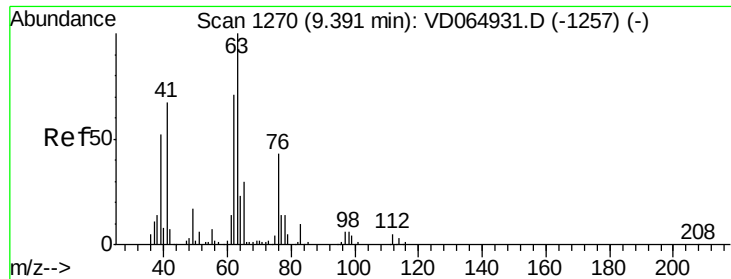
95 87.4 0.0 185.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

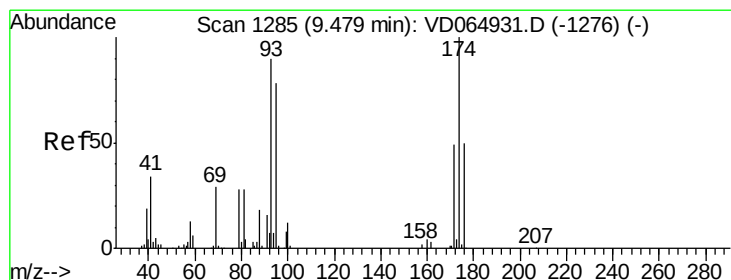
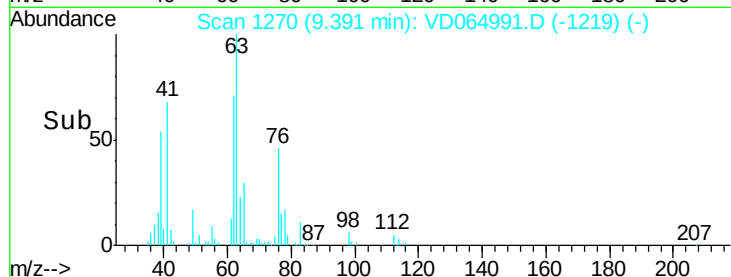
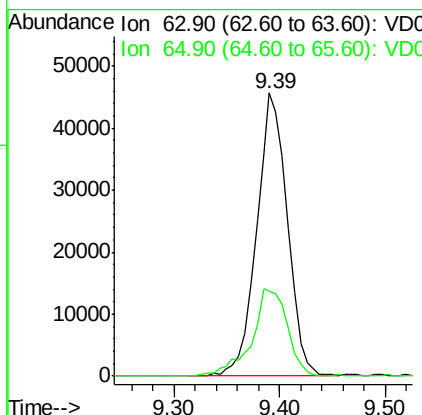
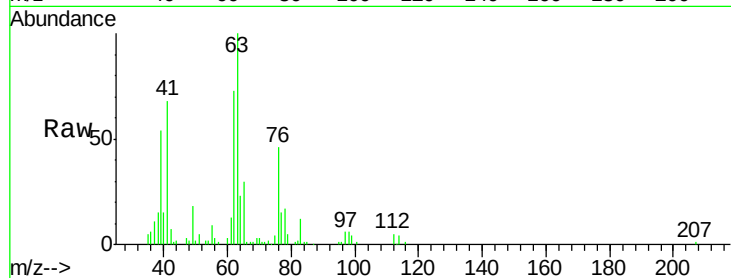




#45
 1,2-Dichloropropane
 Concen: 20.49 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

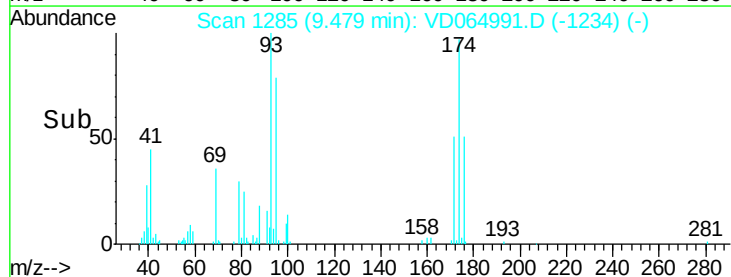
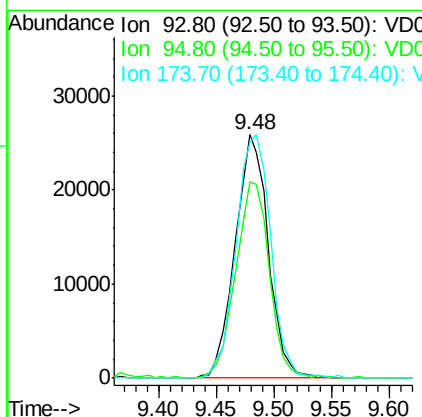
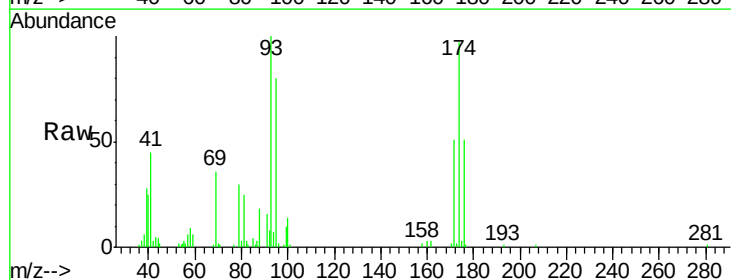
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0129SBSD01

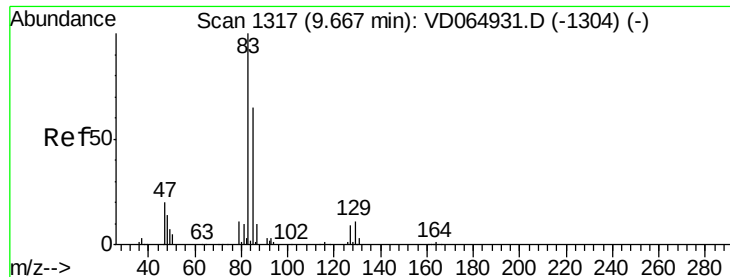
Tgt Ion: 63 Resp: 92190
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.3 36.5



#46
 Dibromomethane
 Concen: 20.92 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

Tgt Ion: 93 Resp: 51392
 Ion Ratio Lower Upper
 93 100
 95 81.9 67.5 101.3
 174 105.2 88.4 132.6





#47

Bromodichloromethane

Concen: 21.52 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0129SBSD01

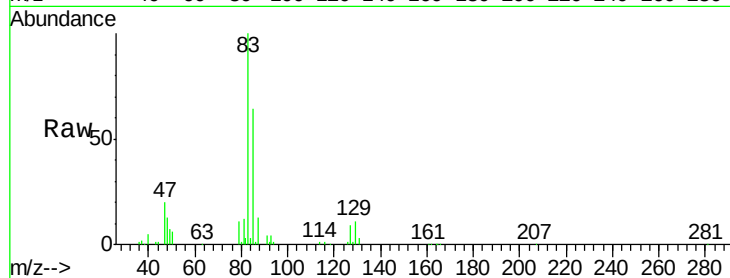
Tgt Ion: 83 Resp: 137574

Ion Ratio Lower Upper

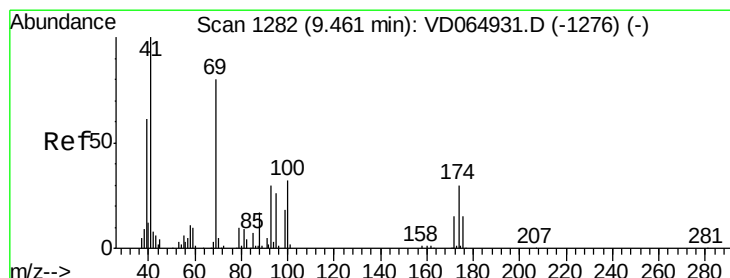
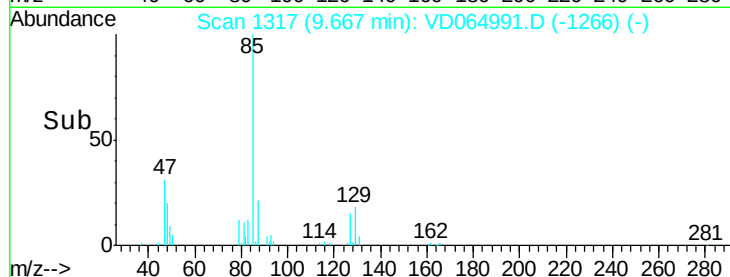
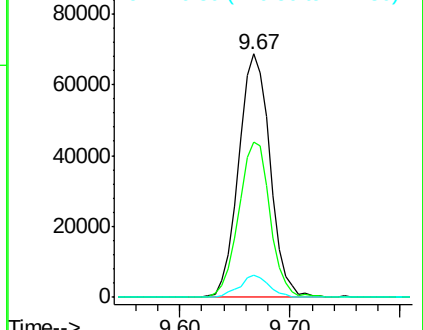
83 100

85 63.8 52.0 78.0

127 9.2 7.3 10.9



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



#48

Methyl methacrylate

Concen: 19.87 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

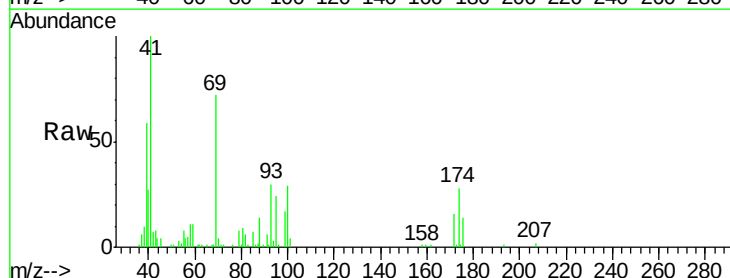
Tgt Ion: 41 Resp: 48347

Ion Ratio Lower Upper

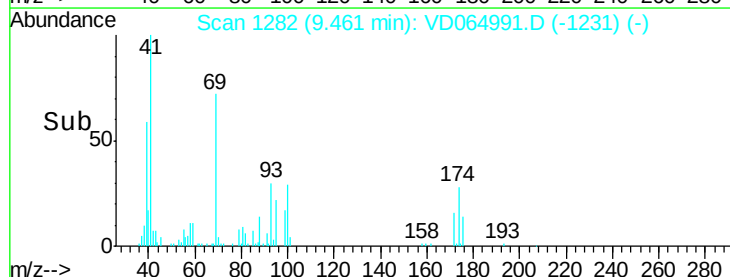
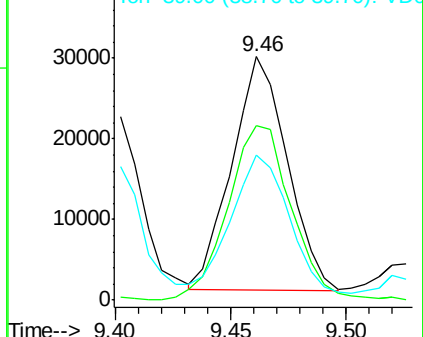
41 100

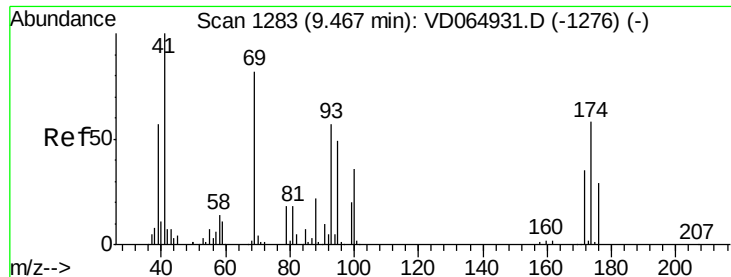
69 85.9 65.8 98.8

39 68.5 49.4 74.0



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

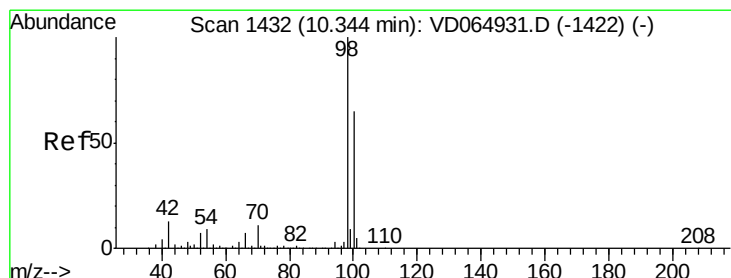
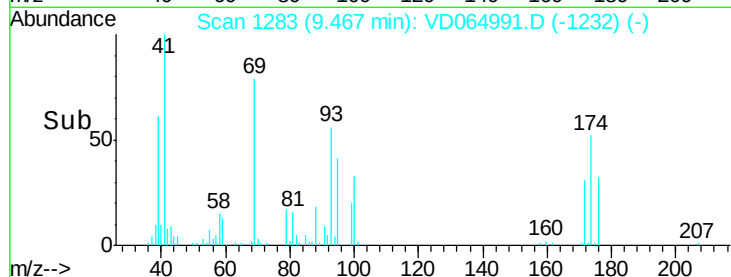
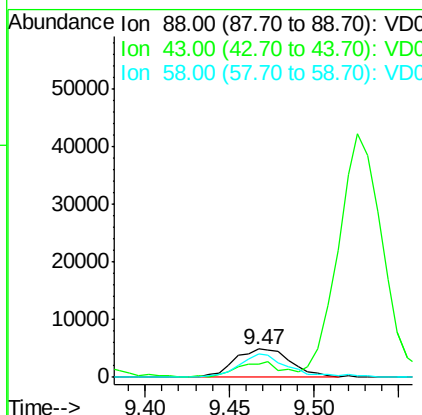
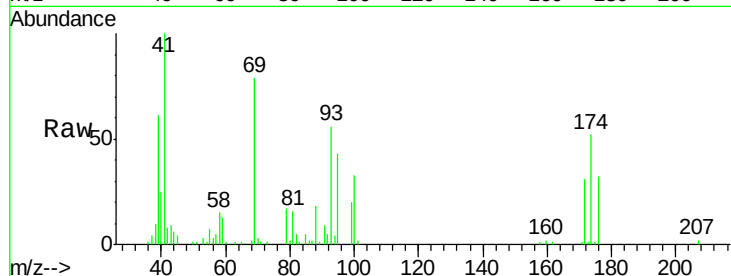




#49
 1,4-Dioxane
 Concen: 396.83 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

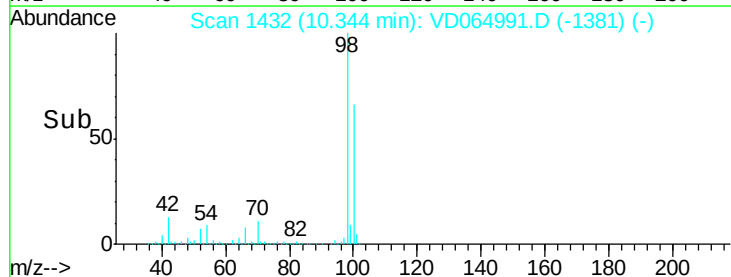
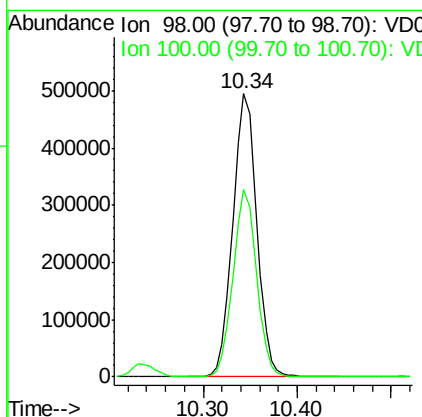
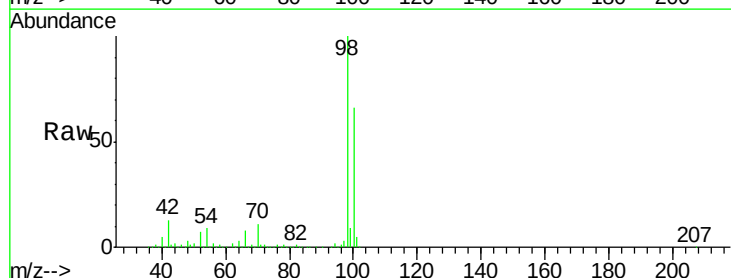
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0129SBSD01

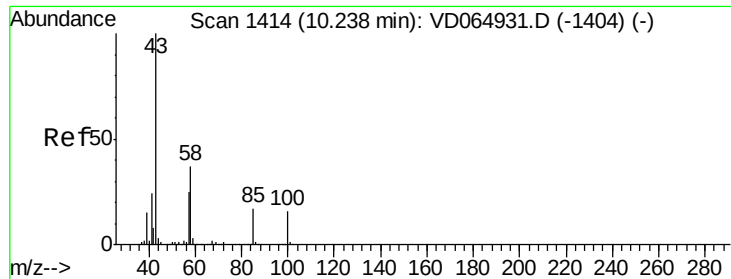
Tgt Ion: 88 Resp: 11308
 Ion Ratio Lower Upper
 88 100
 43 46.5 26.2 39.4#
 58 73.0 50.3 75.5



#50
 Toluene-d8
 Concen: 51.87 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

Tgt Ion: 98 Resp: 879461
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.3 78.5

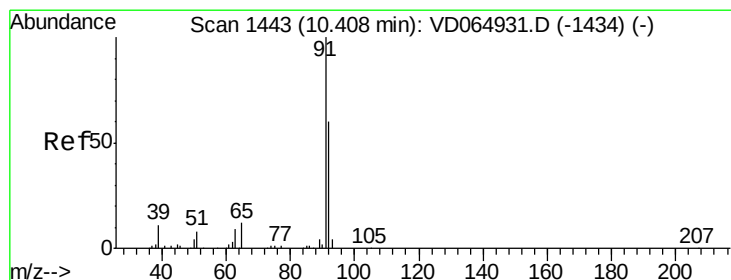
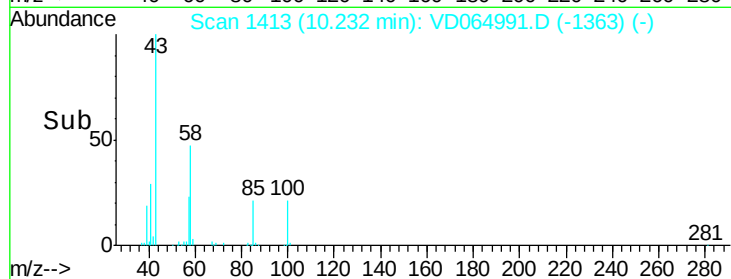
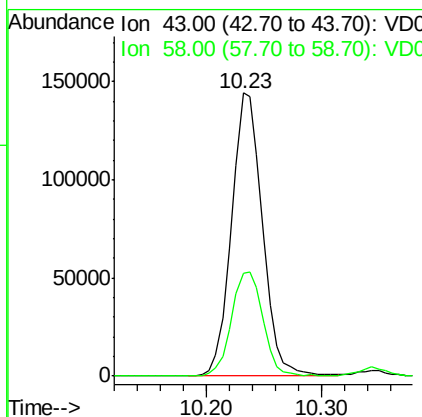
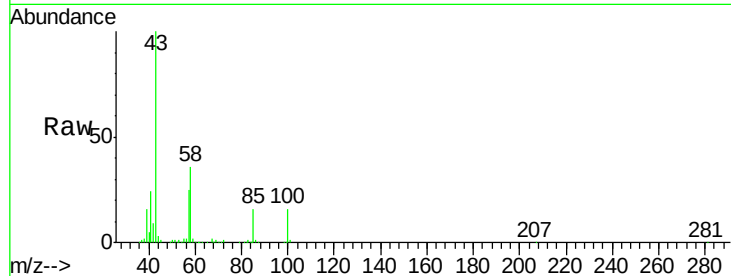




#51
 4-Methyl-2-Pentanone
 Concen: 101.19 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

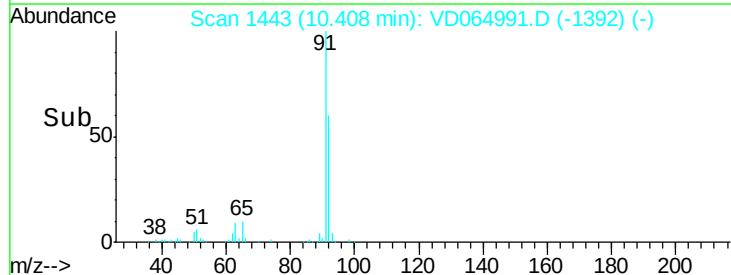
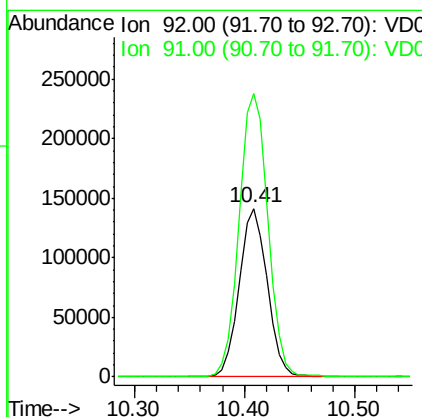
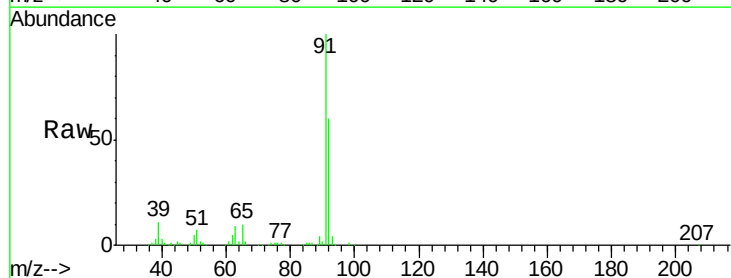
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0129SBSD01

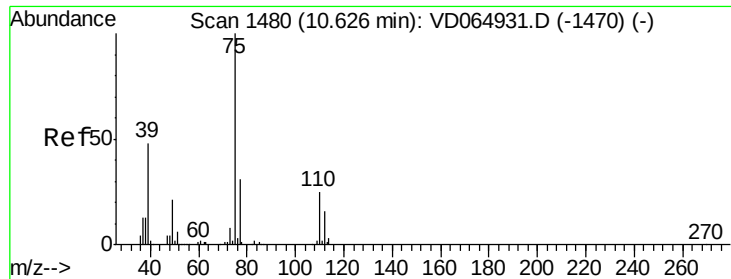
Tgt Ion: 43 Resp: 267780
 Ion Ratio Lower Upper
 43 100
 58 37.3 30.4 45.6



#52
 Toluene
 Concen: 21.21 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

Tgt Ion: 92 Resp: 253827
 Ion Ratio Lower Upper
 92 100
 91 172.1 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 20.38 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

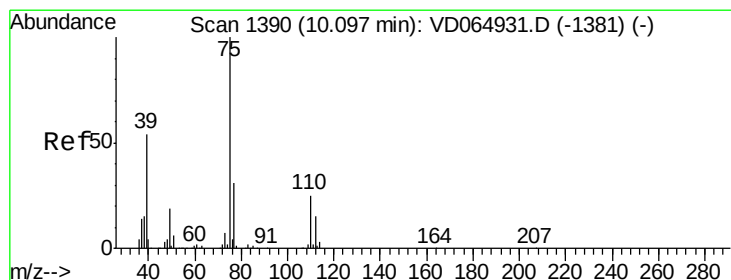
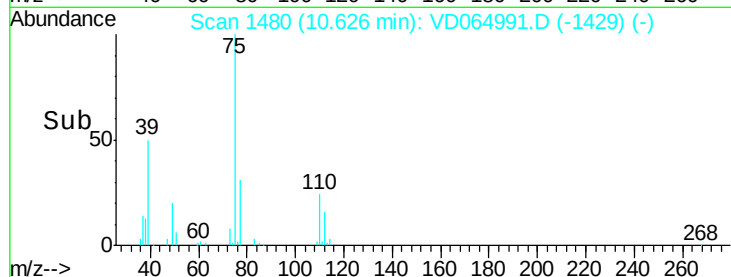
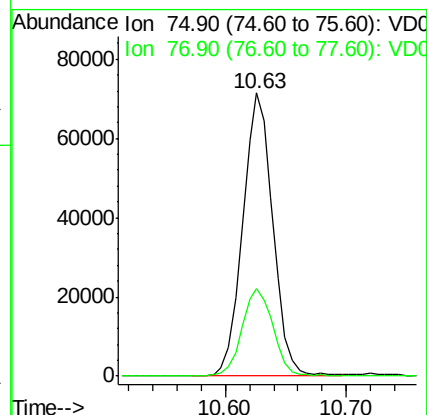
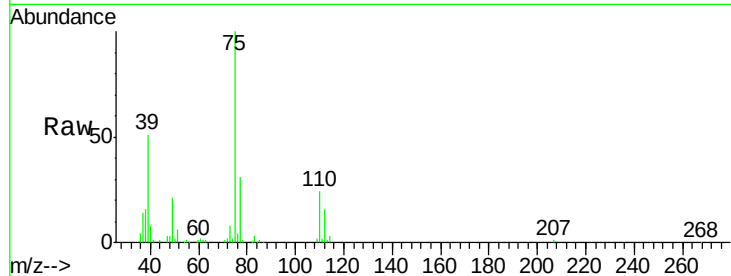
VD0129SBSD01

Tgt Ion: 75 Resp: 124135

Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 21.16 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

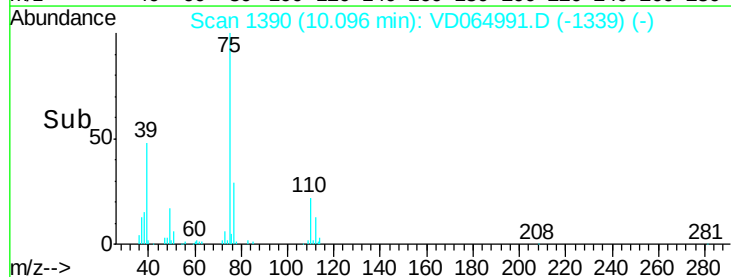
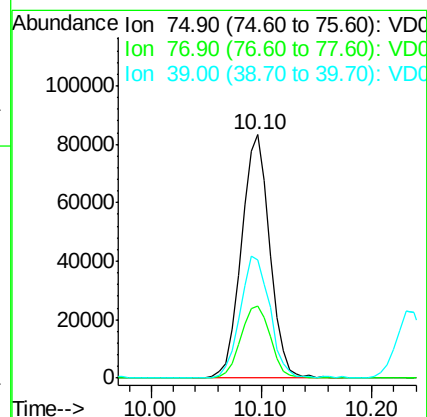
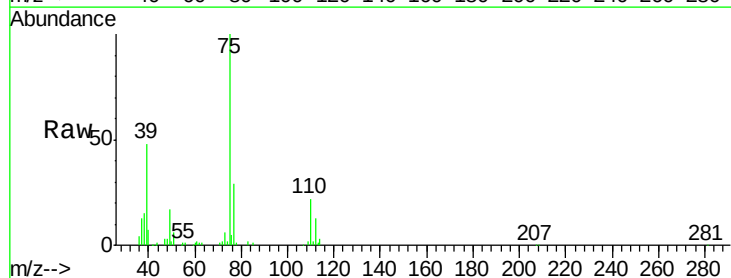
Tgt Ion: 75 Resp: 150906

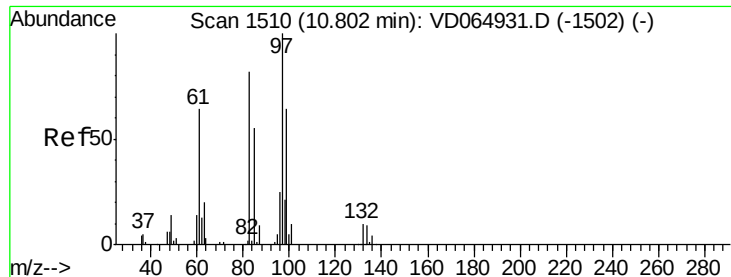
Ion Ratio Lower Upper

75 100

77 29.5 25.1 37.7

39 48.3 43.0 64.6

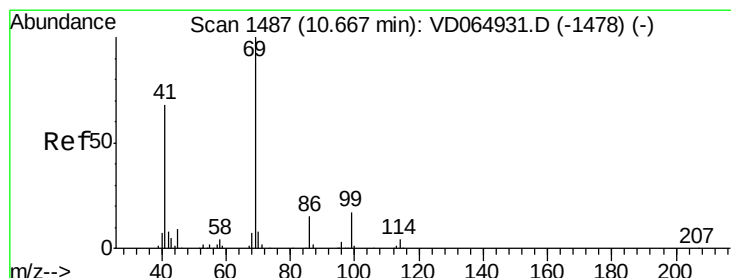
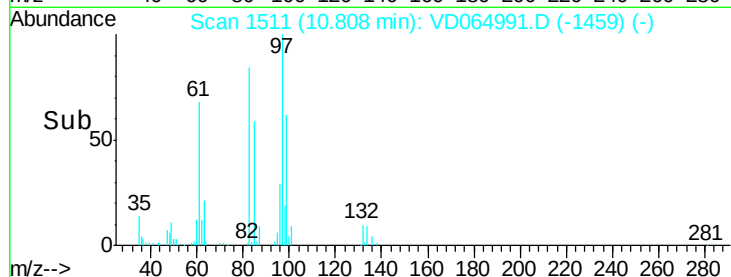
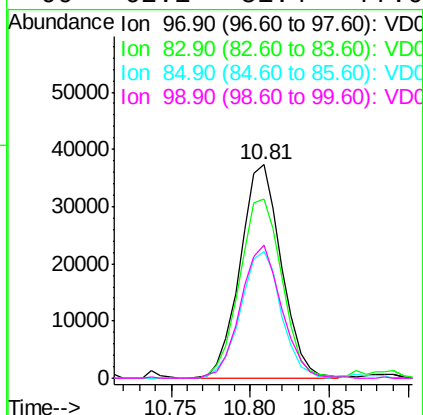
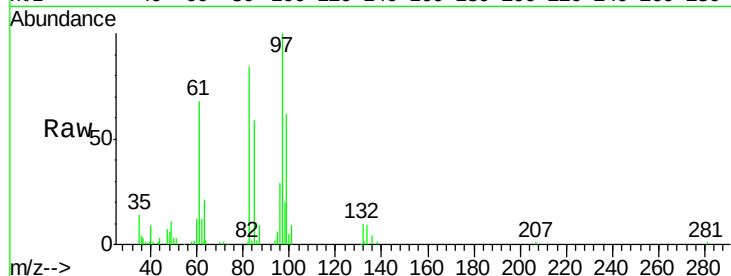




#55
 1,1,2-Trichloroethane
 Concen: 20.41 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

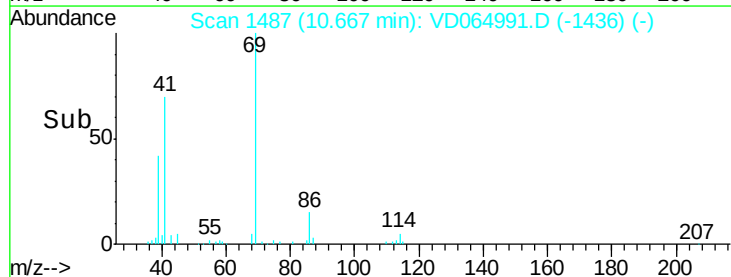
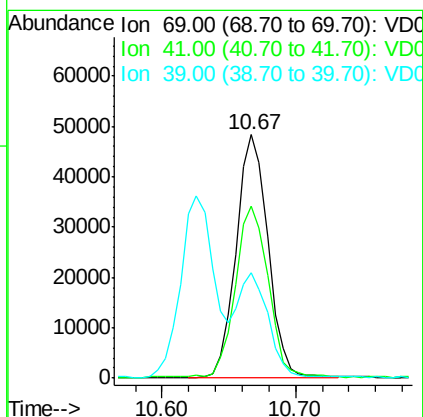
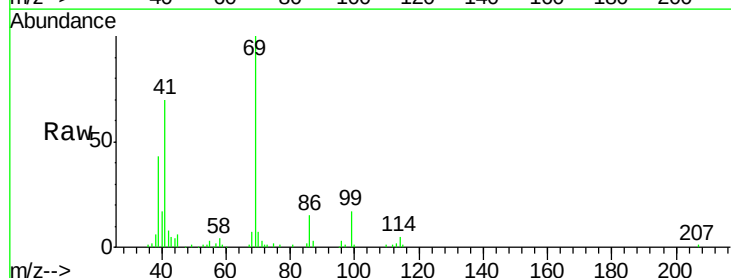
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0129SBSD01

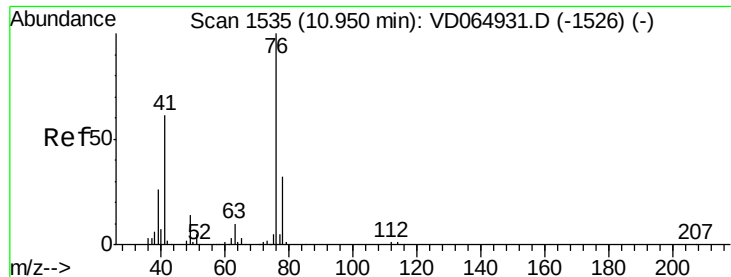
Tgt Ion: 97 Resp: 67549
 Ion Ratio Lower Upper
 97 100
 83 84.0 66.0 99.0
 85 59.4 44.4 66.6
 99 62.1 51.4 77.0



#56
 Ethyl methacrylate
 Concen: 20.28 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

Tgt Ion: 69 Resp: 80273
 Ion Ratio Lower Upper
 69 100
 41 72.4 56.4 84.6
 39 41.1 30.6 46.0

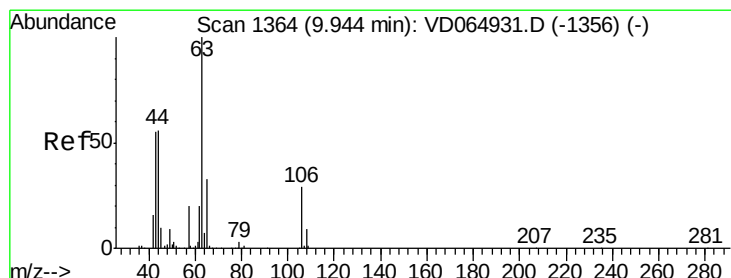
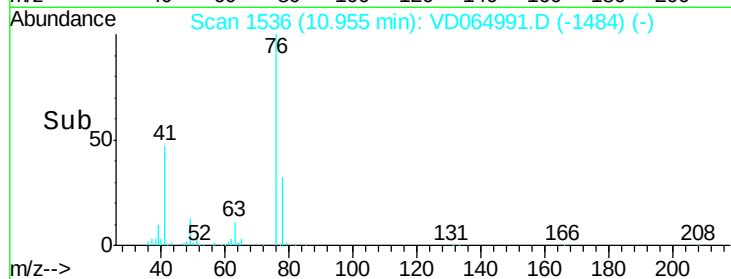
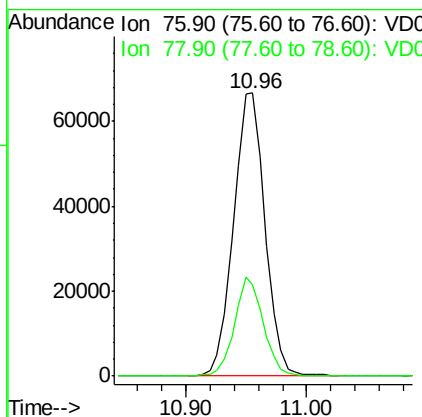
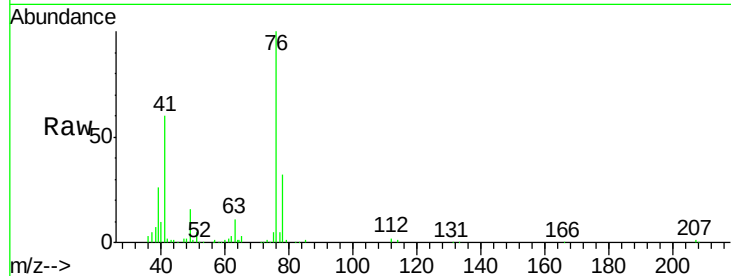




#57
 1,3-Dichloropropane
 Concen: 21.36 ug/l
 RT: 10.96 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

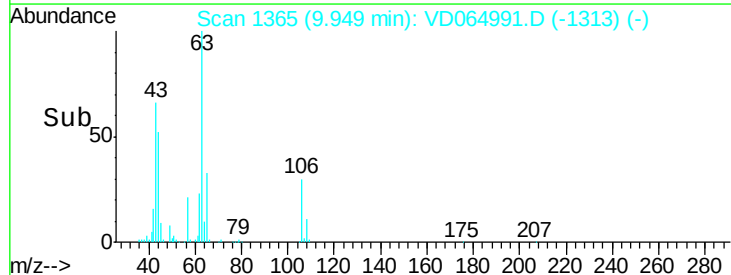
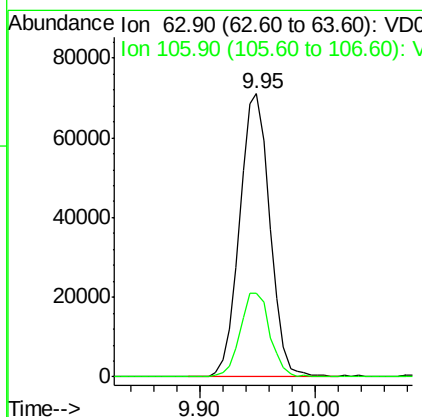
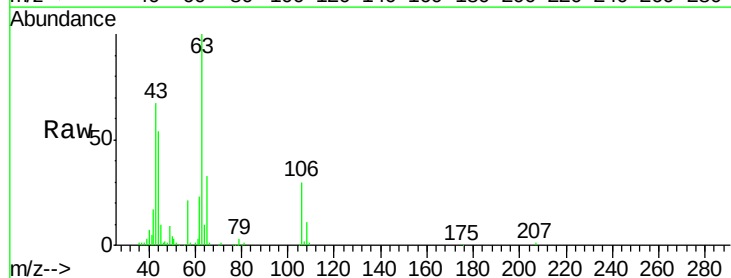
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0129SBSD01

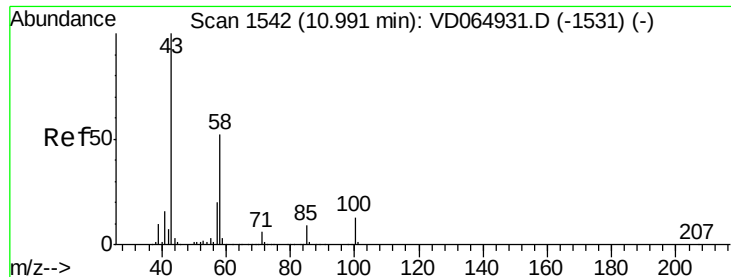
Tgt Ion: 76 Resp: 121222
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.34 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

Tgt Ion: 63 Resp: 129306
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.0 34.4

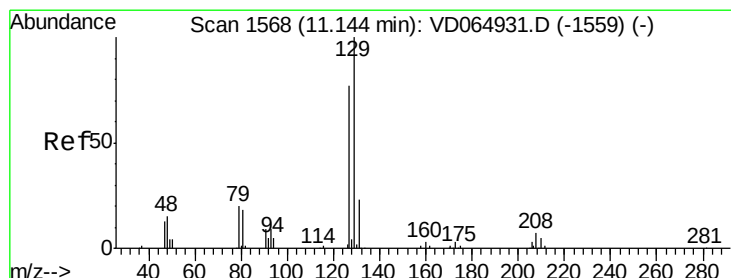
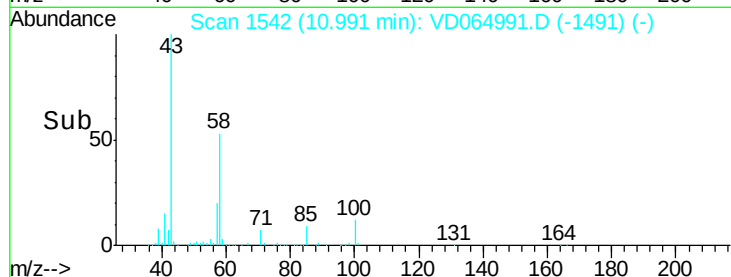
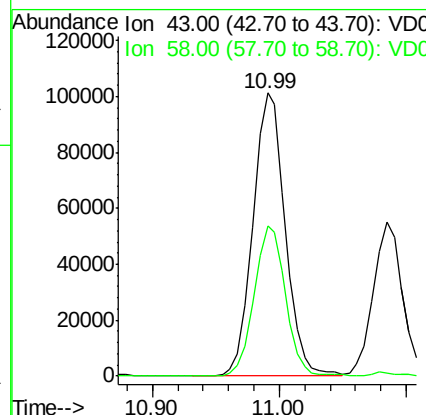
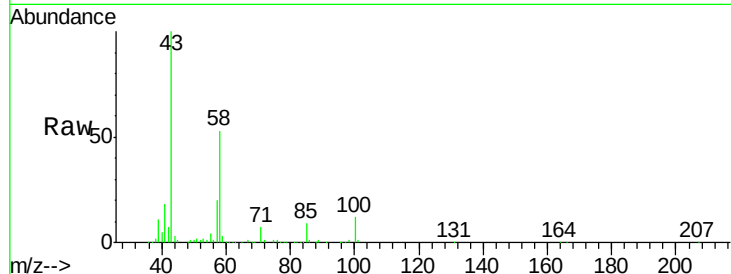




#59
2-Hexanone
Concen: 98.53 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD064991.D
Acq: 29 Jan 2020 12:28

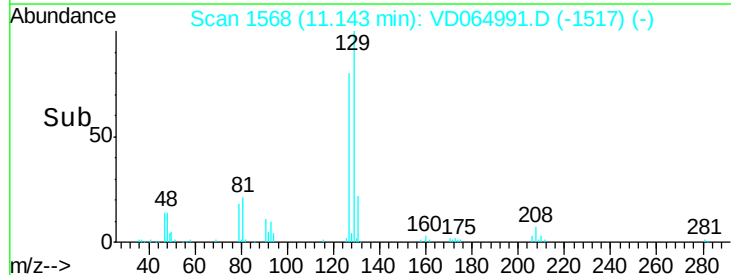
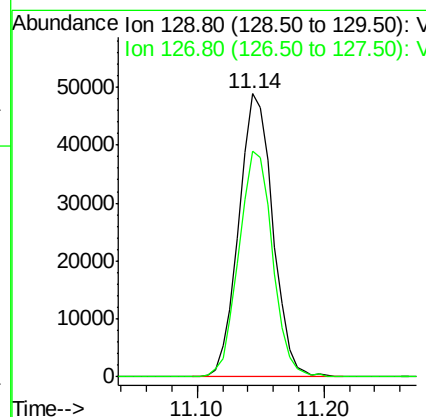
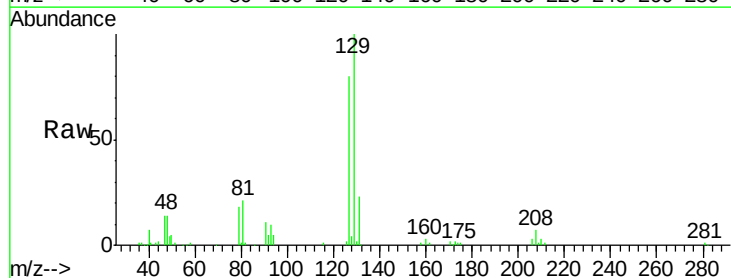
Instrument :
MSVOA_D
ClientSampleId :
VD0129SBSD01

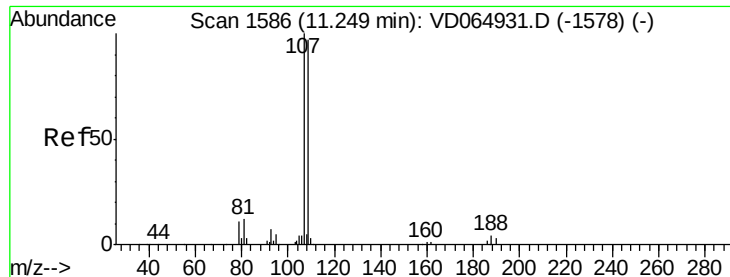
Tgt Ion: 43 Resp: 179852
Ion Ratio Lower Upper
43 100
58 51.4 26.5 79.4



#60
Dibromochloromethane
Concen: 20.50 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD064991.D
Acq: 29 Jan 2020 12:28

Tgt Ion: 129 Resp: 90679
Ion Ratio Lower Upper
129 100
127 79.4 38.2 114.6

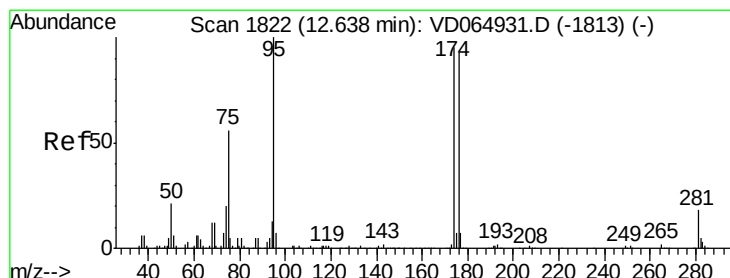
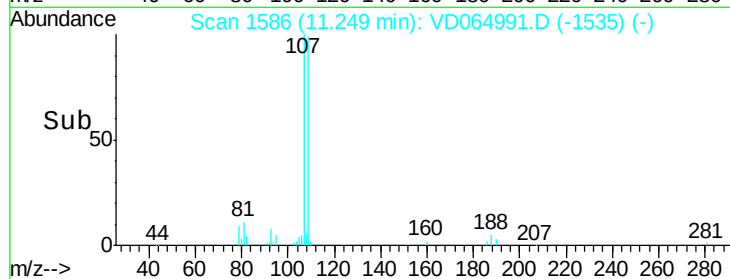
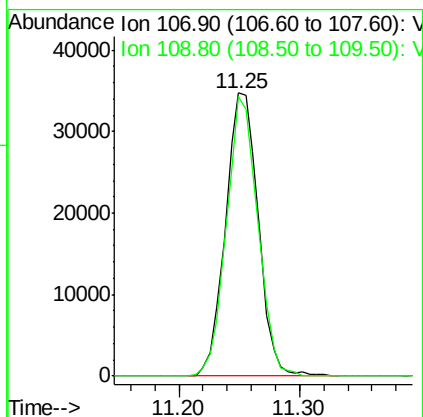
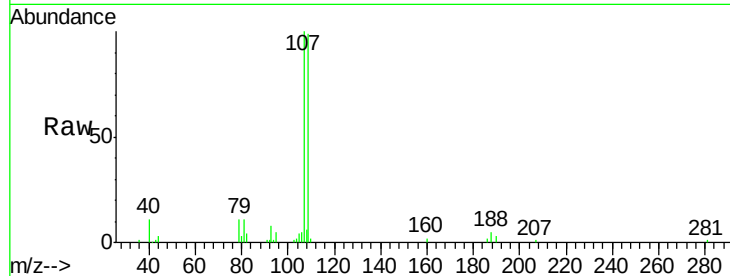




#61
 1,2-Dibromoethane
 Concen: 20.48 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

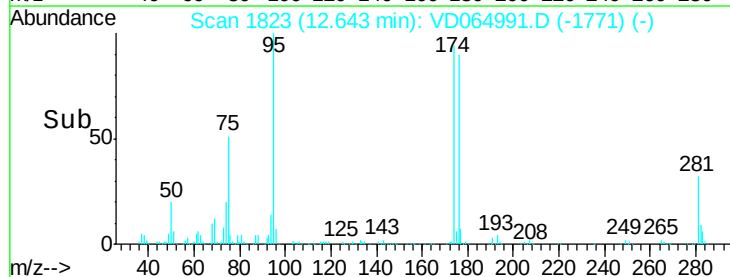
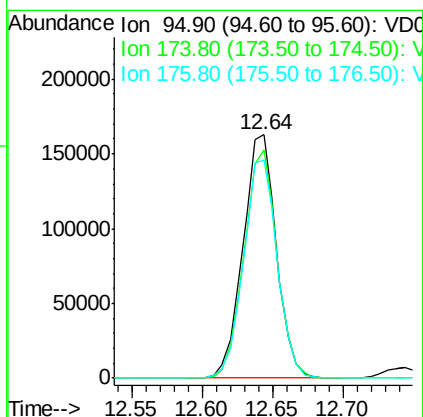
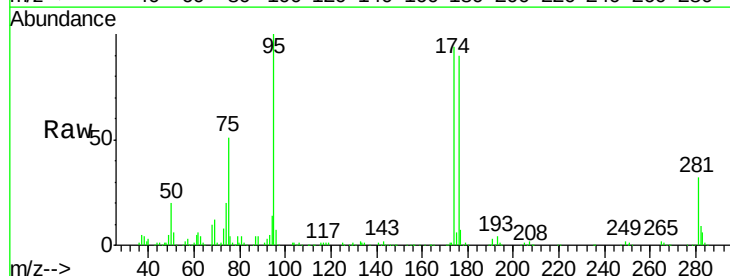
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0129SBSD01

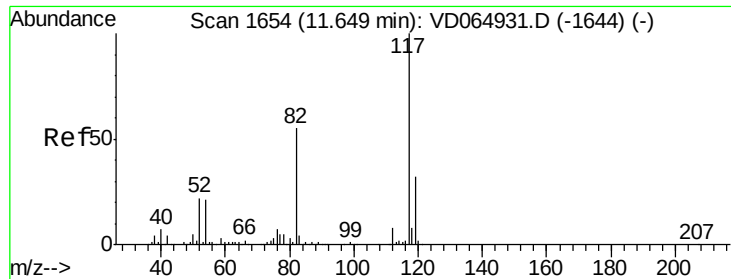
Tgt Ion: 107 Resp: 65267
 Ion Ratio Lower Upper
 107 100
 109 95.1 77.1 115.7



#62
 4-Bromofluorobenzene
 Concen: 51.91 ug/l
 RT: 12.64 min Scan# 1823
 Delta R.T. 0.01 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

Tgt Ion: 95 Resp: 269314
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 186.8
 176 90.3 0.0 183.4

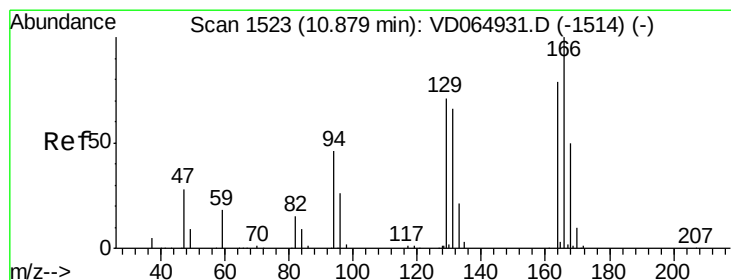
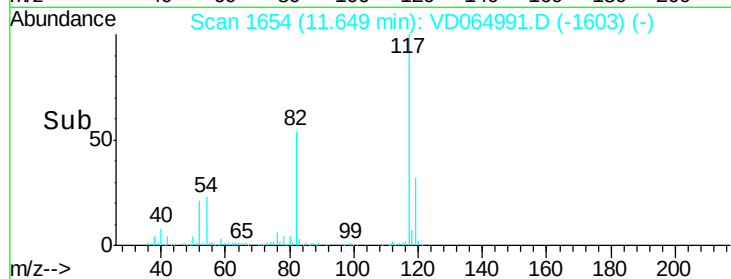
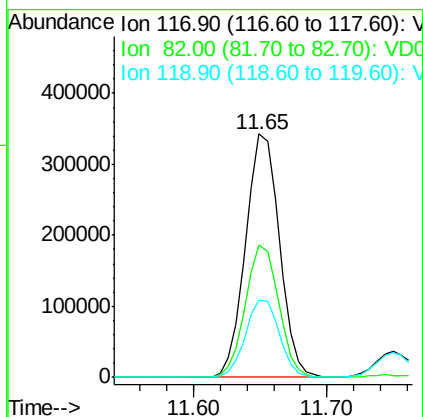
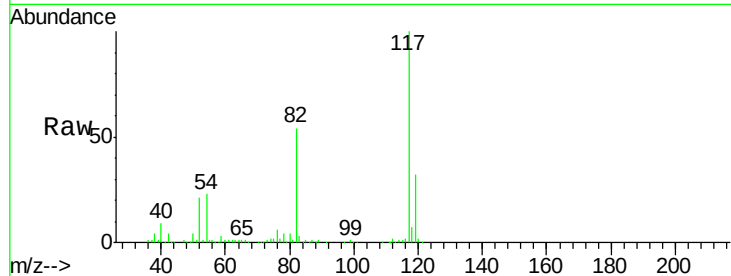




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064991.D
Acq: 29 Jan 2020 12:28

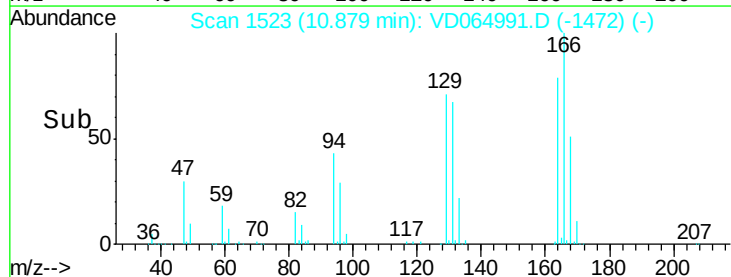
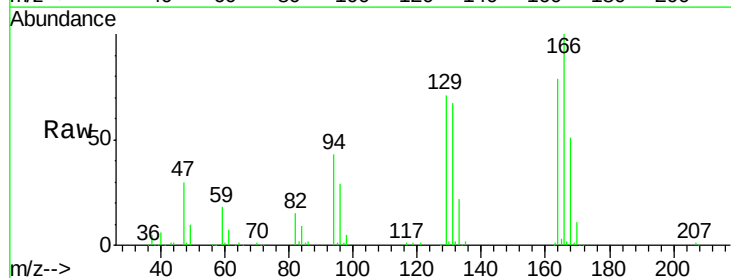
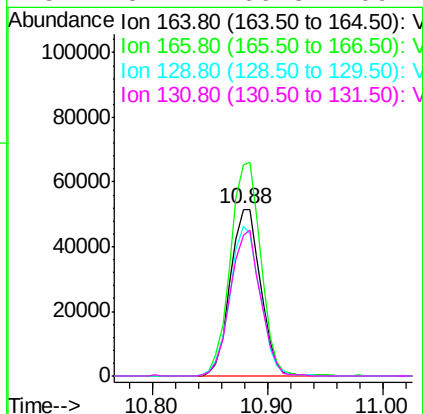
Instrument :
MSVOA_D
ClientSampleId :
VD0129SBSD01

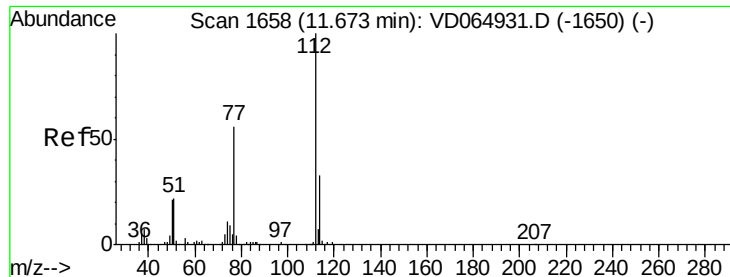
Tgt Ion:117 Resp: 601058
Ion Ratio Lower Upper
117 100
82 54.2 43.6 65.4
119 31.7 25.2 37.8



#64
Tetrachloroethene
Concen: 21.63 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD064991.D
Acq: 29 Jan 2020 12:28

Tgt Ion:164 Resp: 93947
Ion Ratio Lower Upper
164 100
166 126.5 101.4 152.2
129 89.9 71.8 107.8
131 84.2 66.8 100.2





#65

Chlorobenzene

Concen: 21.67 ug/l

RT: 11.68 min Scan# 1659

Delta R.T. 0.01 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

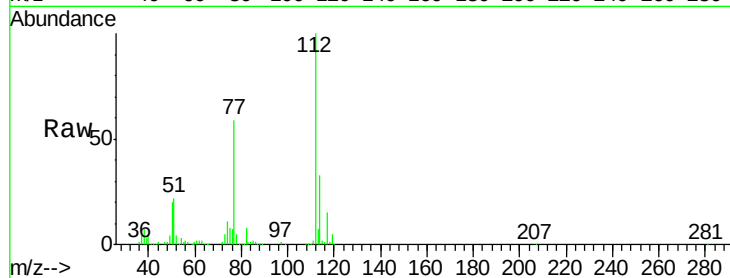
VD0129SBS01

Tgt Ion:112 Resp: 264438

Ion Ratio Lower Upper

112 100

114 32.9 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.68

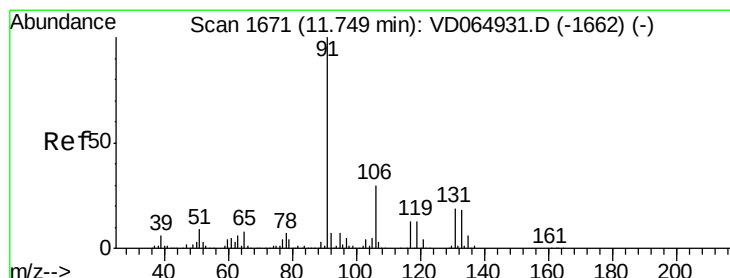
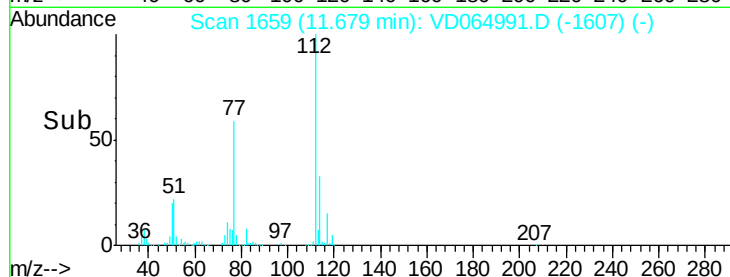
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 21.64 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

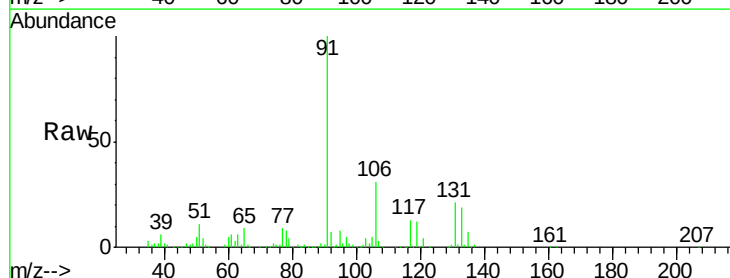
Tgt Ion:131 Resp: 99309

Ion Ratio Lower Upper

131 100

133 97.1 47.5 142.5

119 61.9 31.1 93.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.75

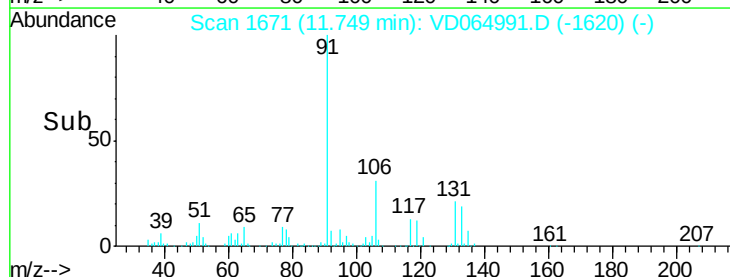
150000

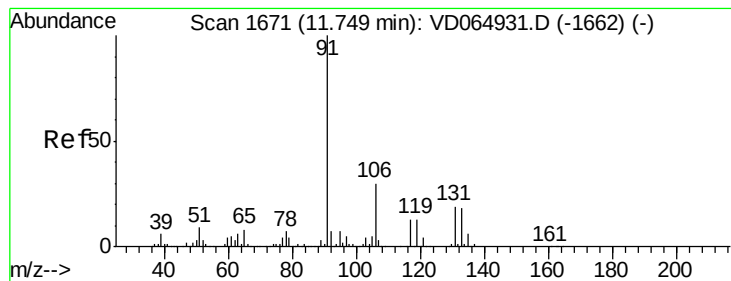
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 21.91 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

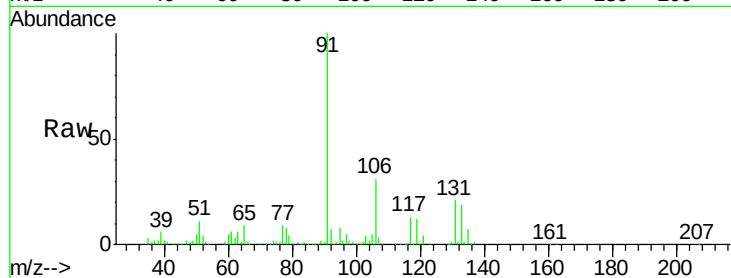
VD0129SBS01

Tgt Ion: 91 Resp: 474802

Ion Ratio Lower Upper

91 100

106 30.9 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

400000

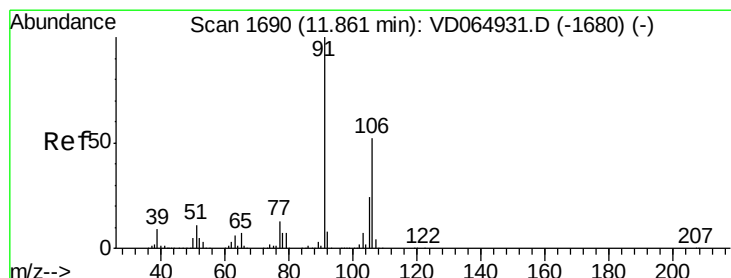
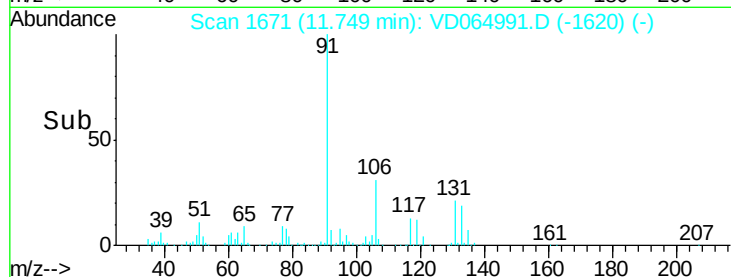
300000

200000

100000

0

Time--> 11.65 11.70 11.75 11.80



#68

m/p-Xylenes

Concen: 43.35 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VD064991.D

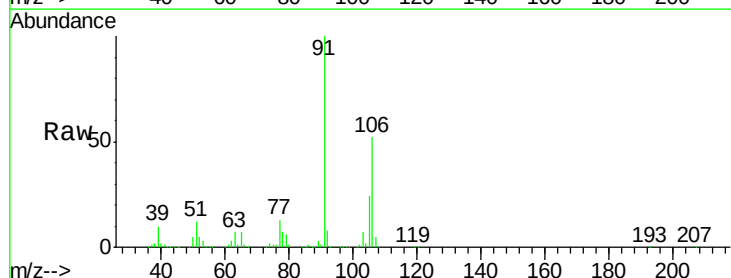
Acq: 29 Jan 2020 12:28

Tgt Ion: 106 Resp: 361645

Ion Ratio Lower Upper

106 100

91 198.9 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

400000

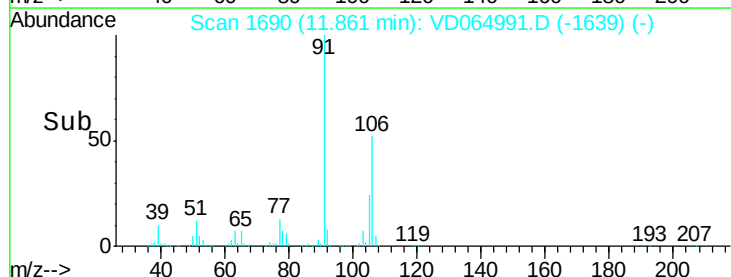
300000

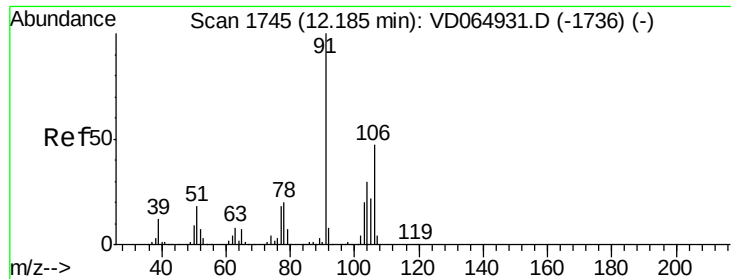
200000

100000

0

Time--> 11.80 11.86 11.90

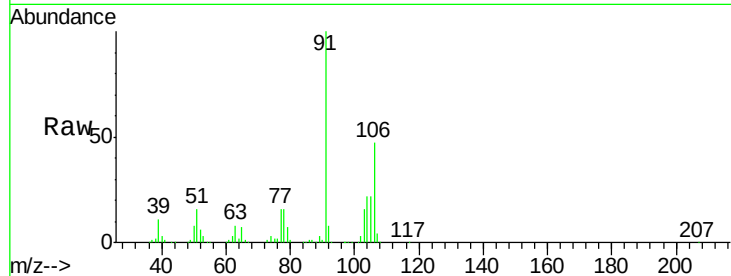




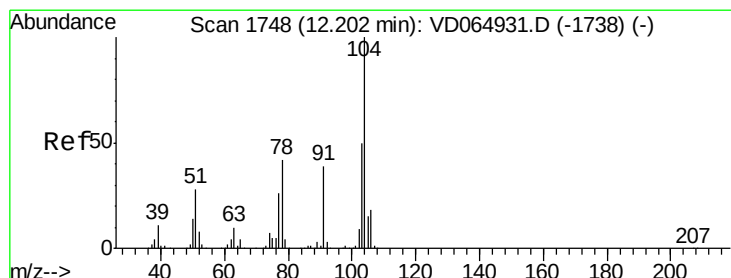
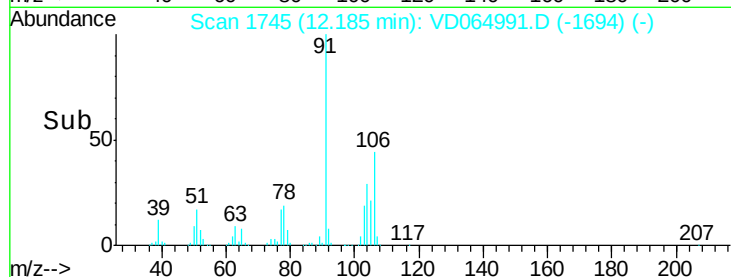
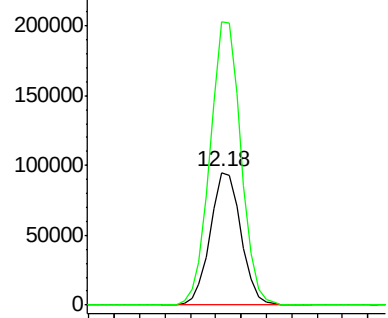
#69
o-Xylene
Concen: 21.54 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064991.D
Acq: 29 Jan 2020 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0129SBSD01

Tgt Ion:106 Resp: 159455
Ion Ratio Lower Upper
106 100
91 214.0 106.7 319.9

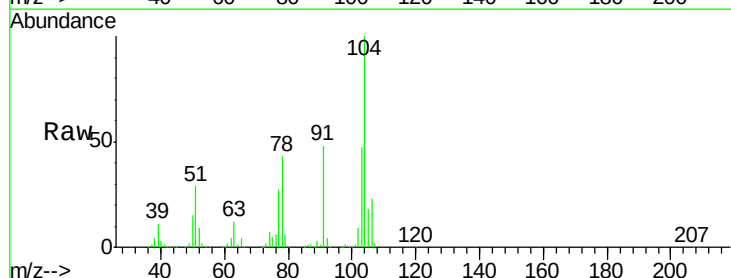


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

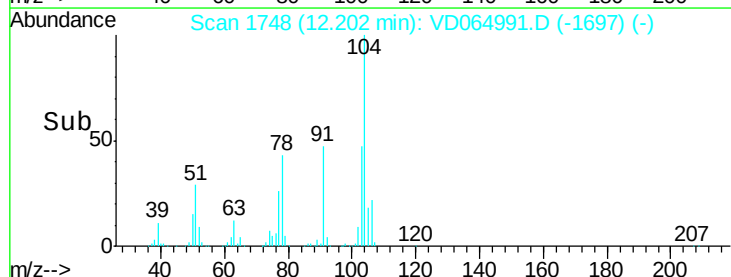
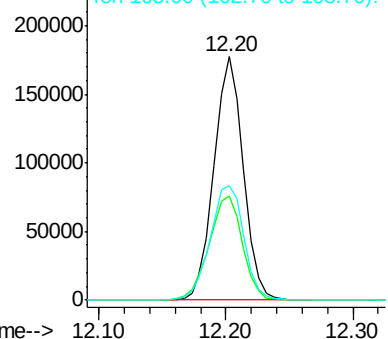


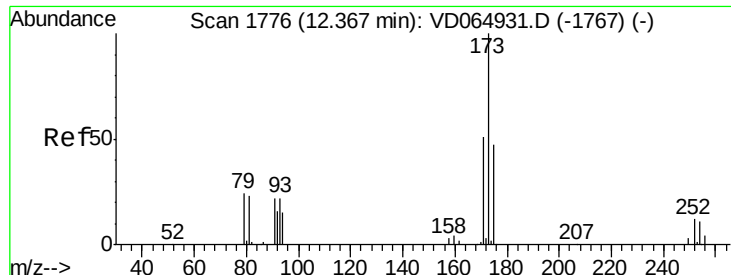
#70
Styrene
Concen: 21.60 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD064991.D
Acq: 29 Jan 2020 12:28

Tgt Ion:104 Resp: 284884
Ion Ratio Lower Upper
104 100
78 48.1 38.3 57.5
103 54.1 43.5 65.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

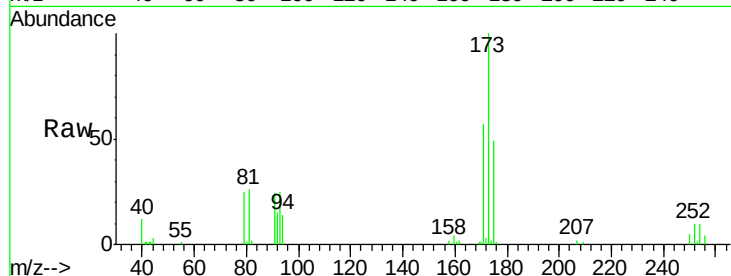




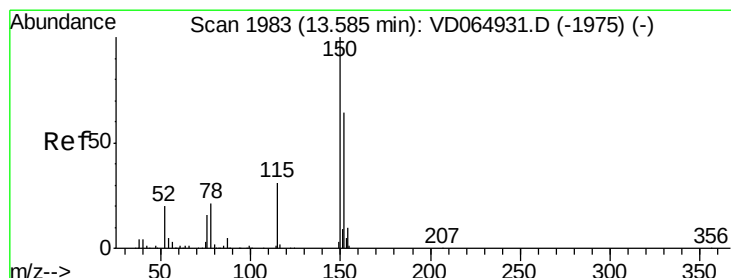
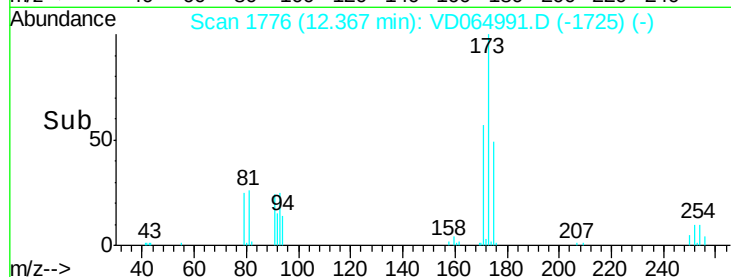
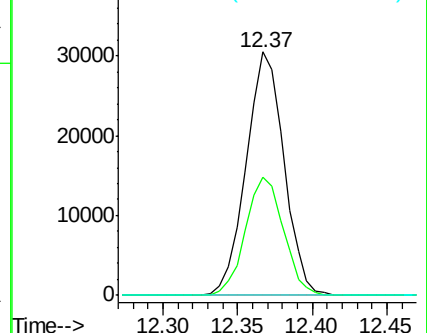
#71
Bromoform
Concen: 20.88 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD064991.D
Acq: 29 Jan 2020 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0129SBSD01

Tgt Ion:173 Resp: 53265
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.8
254 0.0 0.1 0.1#

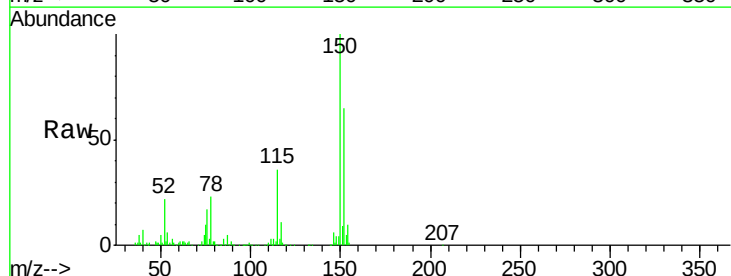


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

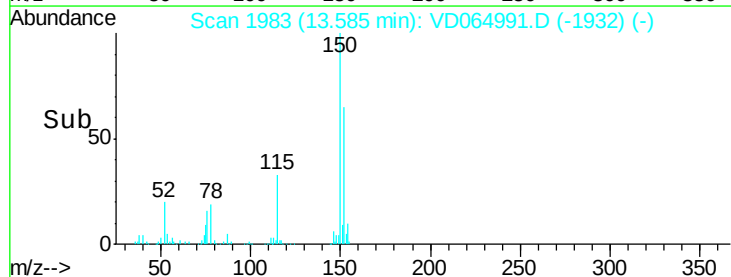
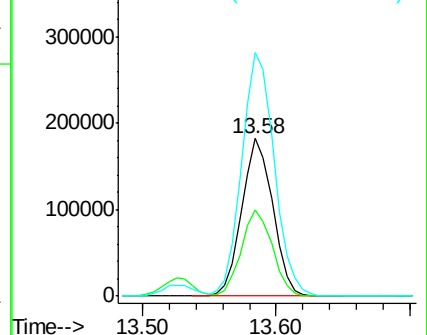


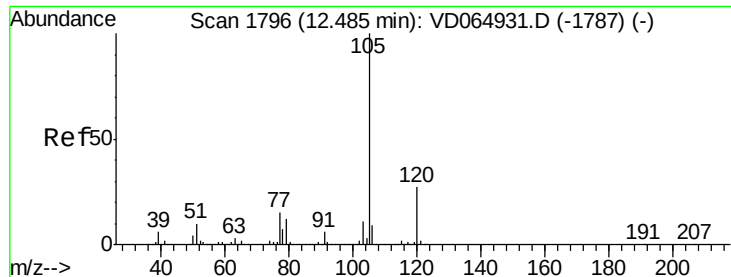
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064991.D
Acq: 29 Jan 2020 12:28

Tgt Ion:152 Resp: 292573
Ion Ratio Lower Upper
152 100
115 54.7 28.1 84.4
150 162.7 0.0 350.4



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: 22.06 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

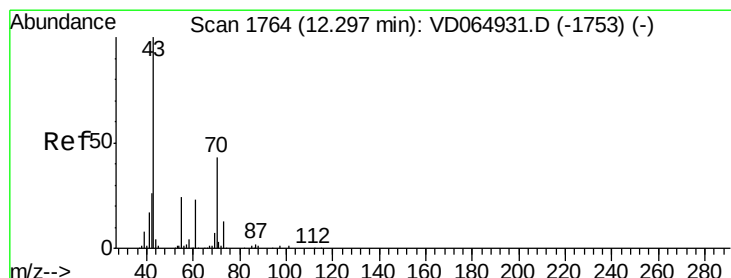
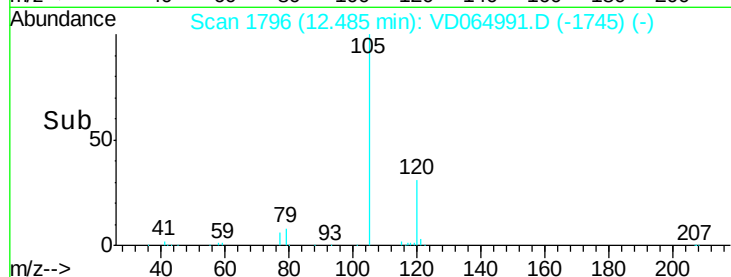
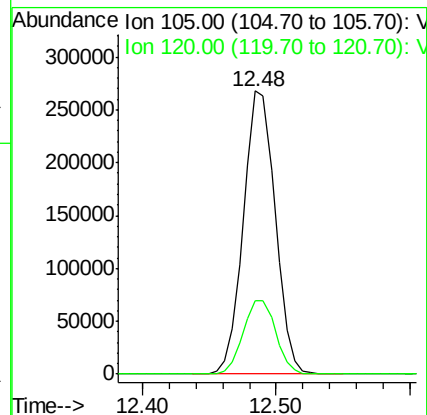
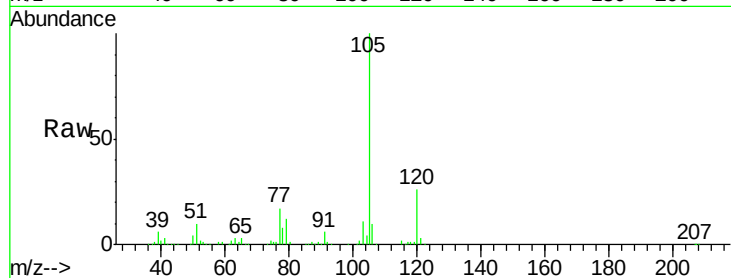
VD0129SBSD01

Tgt Ion: 105 Resp: 441145

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



#74

N-ethyl acetate

Concen: 20.43 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

Tgt Ion: 43 Resp: 91396

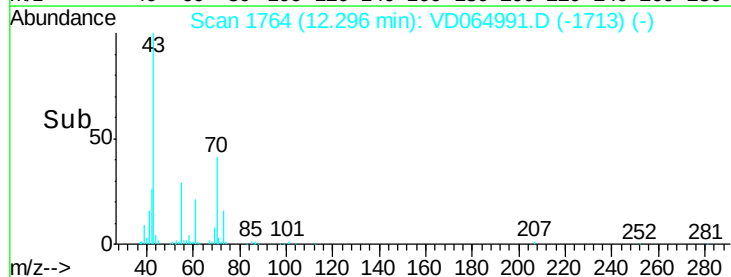
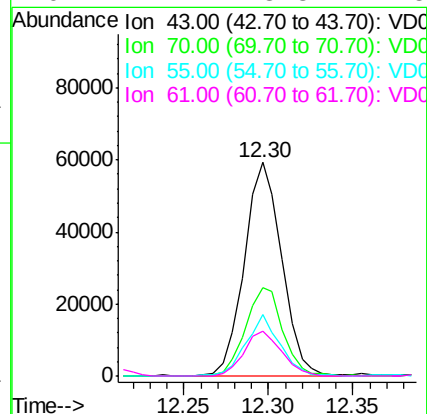
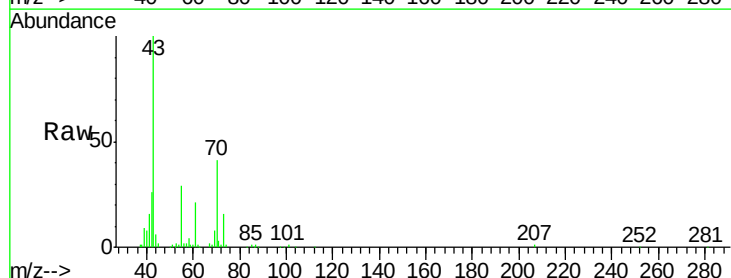
Ion Ratio Lower Upper

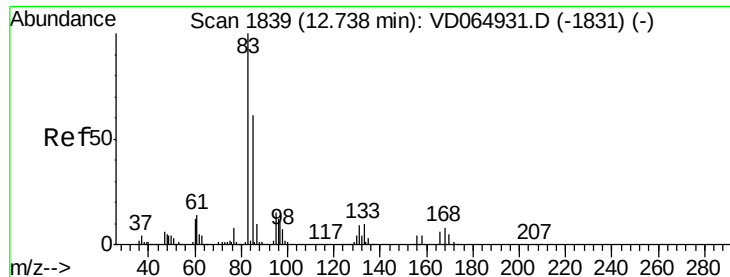
43 100

70 41.4 32.6 49.0

55 26.3 19.9 29.9

61 21.1 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.36 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0129SBSD01

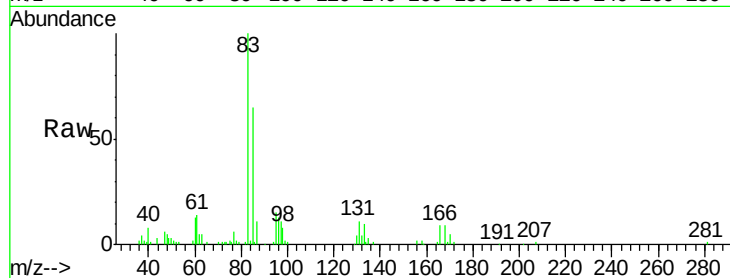
Tgt Ion: 83 Resp: 71775

Ion Ratio Lower Upper

83 100

131 12.0 5.5 16.4

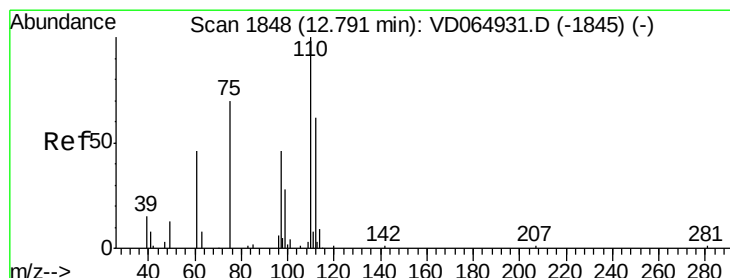
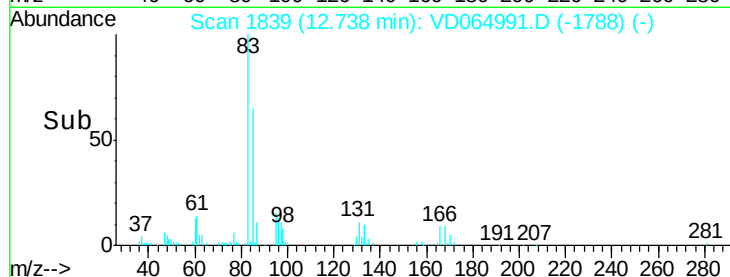
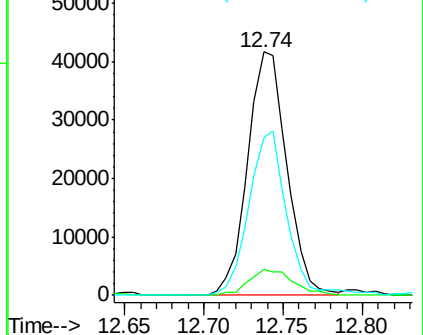
85 65.8 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 39.59 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD064991.D

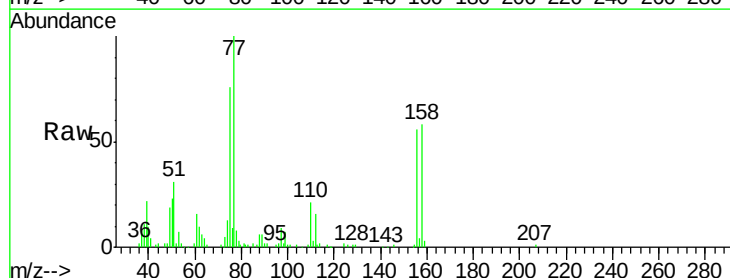
Acq: 29 Jan 2020 12:28

Tgt Ion: 75 Resp: 96149

Ion Ratio Lower Upper

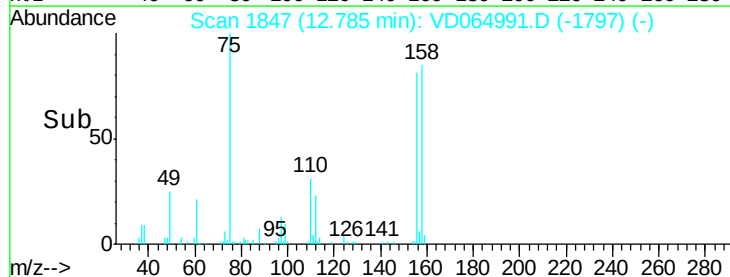
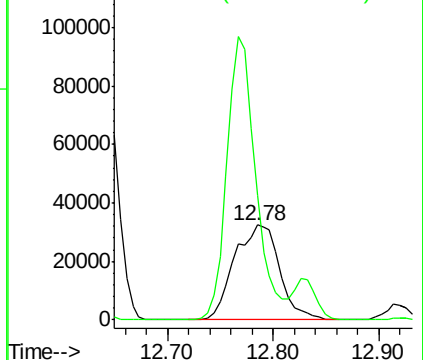
75 100

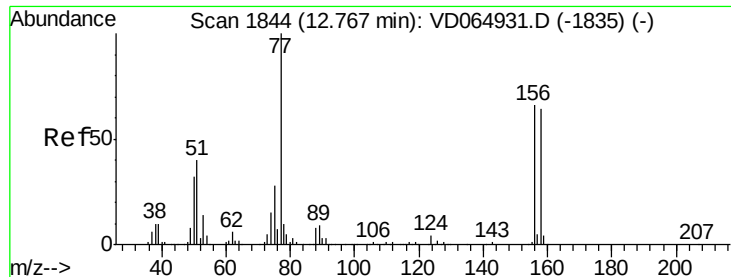
77 188.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 22.11 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0129SBSD01

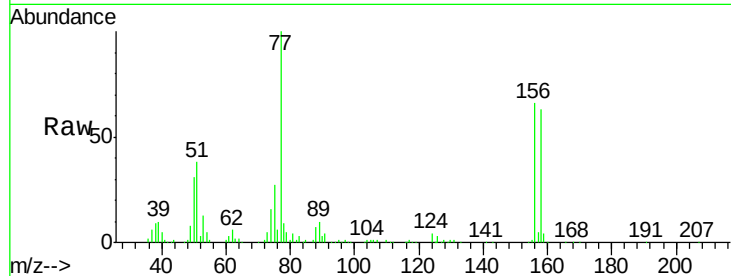
Tgt Ion: 156 Resp: 108157

Ion Ratio Lower Upper

156 100

77 167.4 84.2 252.5

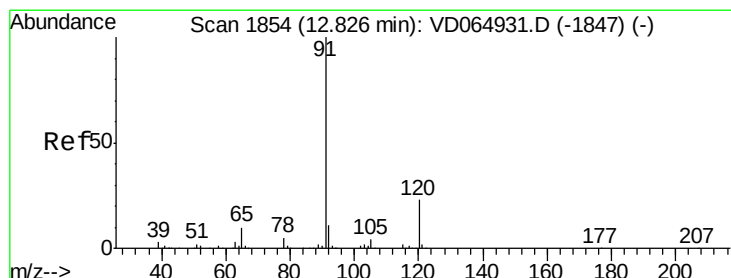
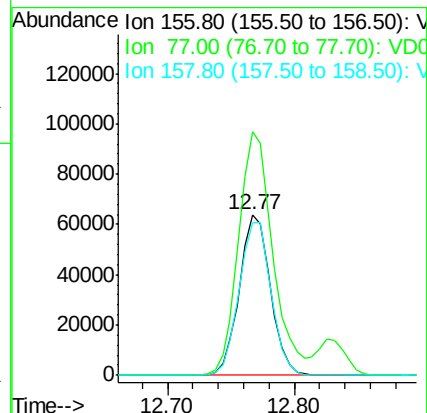
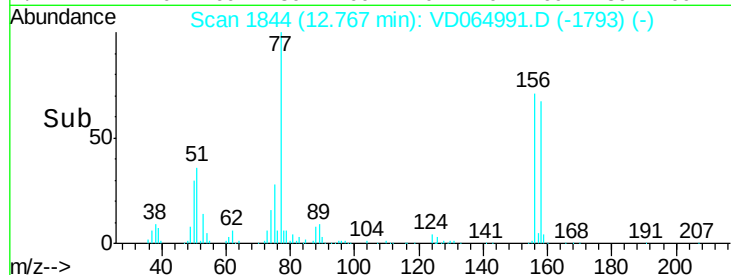
158 98.0 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.07 ug/l

RT: 12.83 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VD064991.D

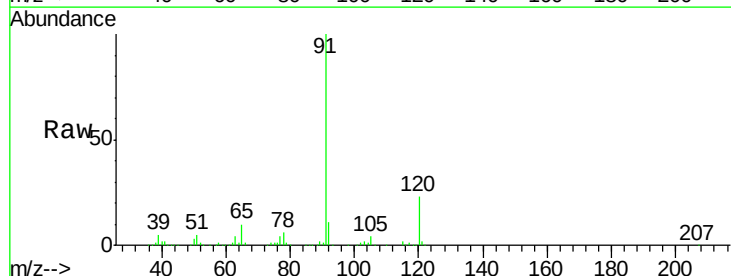
Acq: 29 Jan 2020 12:28

Tgt Ion: 91 Resp: 524831

Ion Ratio Lower Upper

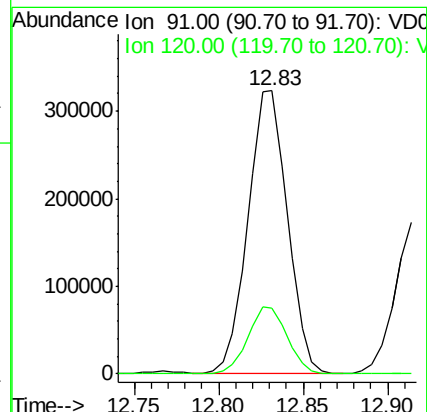
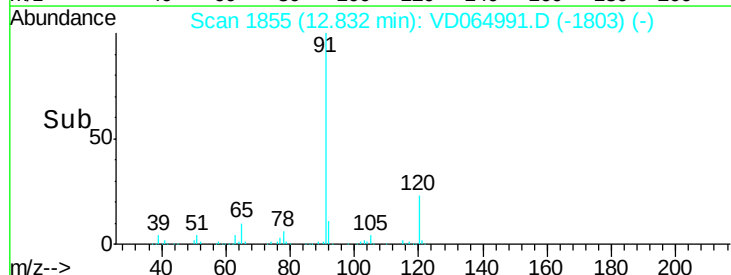
91 100

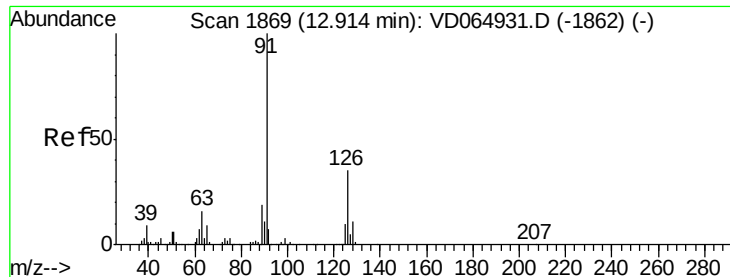
120 23.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

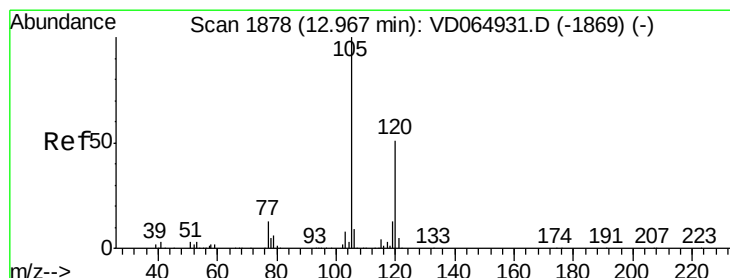
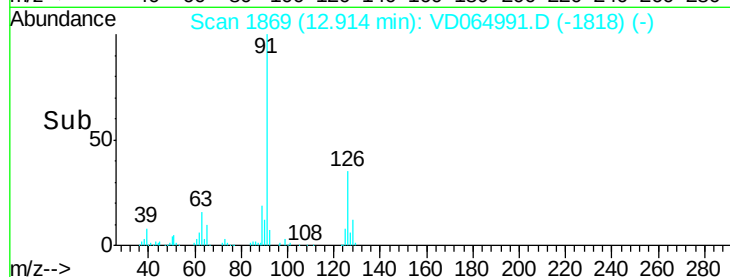
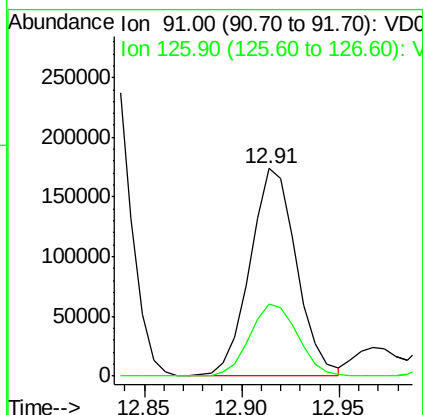
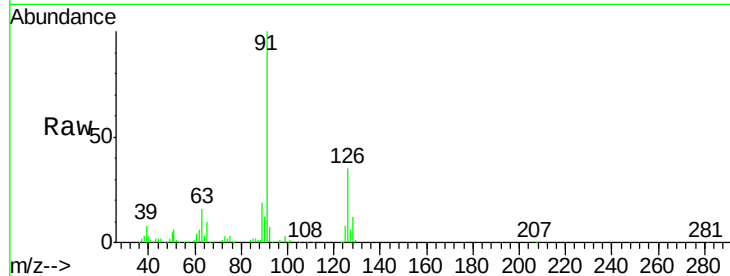




#79
 2-Chlorotoluene
 Concen: 21.98 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

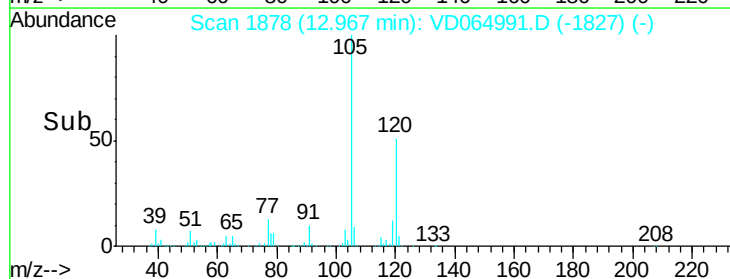
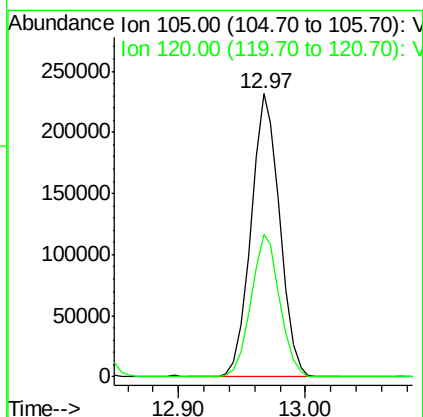
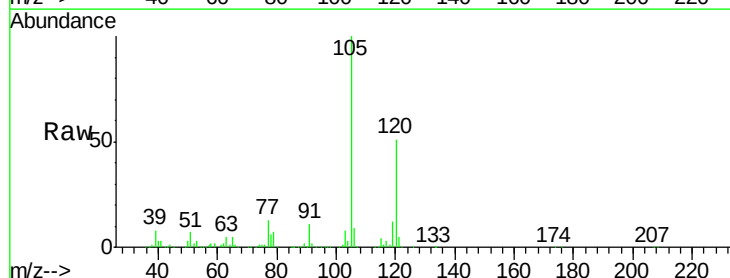
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0129SBSD01

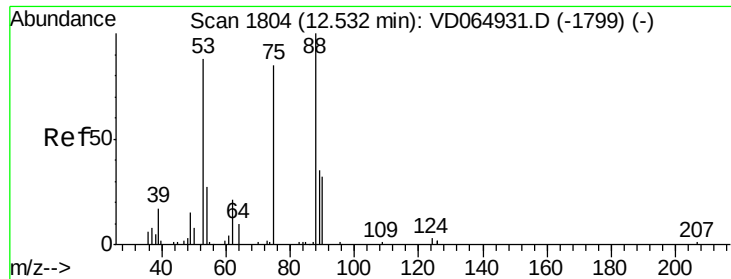
Tgt Ion: 91 Resp: 286731
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.9 53.8



#80
 1,3,5-Trimethylbenzene
 Concen: 22.27 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

Tgt Ion: 105 Resp: 364994
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.15 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0129SBSD01

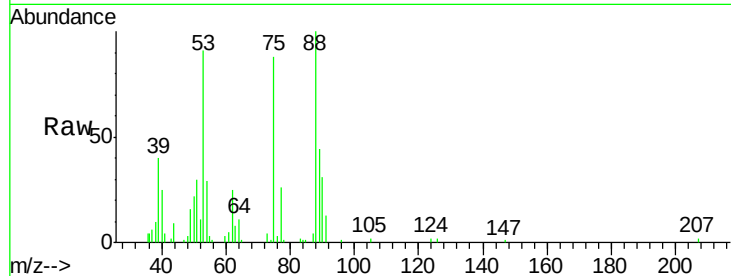
Tgt Ion: 75 Resp: 22919

Ion Ratio Lower Upper

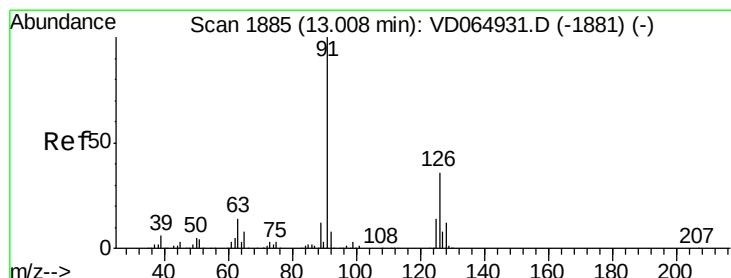
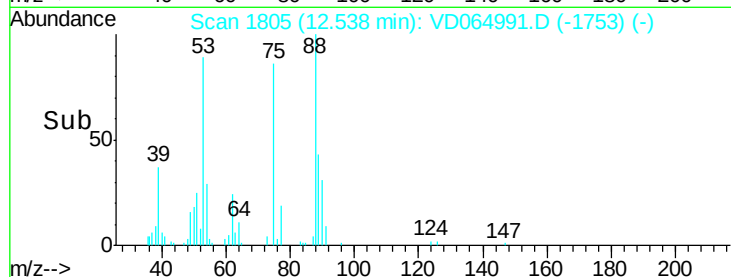
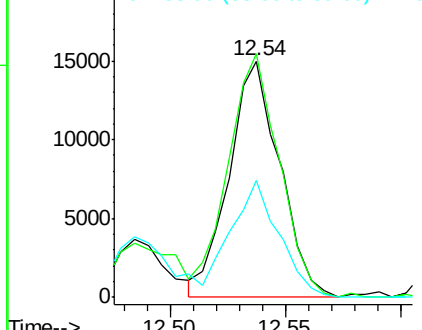
75 100

53 104.0 81.0 121.4

89 47.1 36.2 54.4



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: 22.16 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VD064991.D

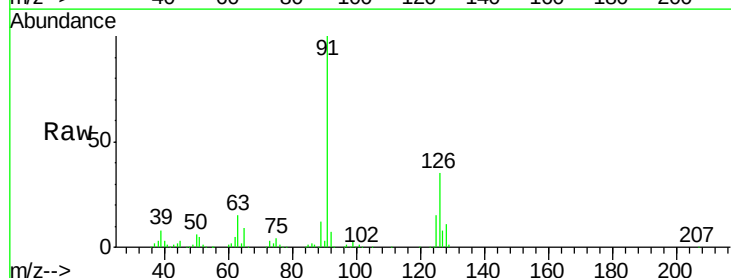
Acq: 29 Jan 2020 12:28

Tgt Ion: 91 Resp: 306541

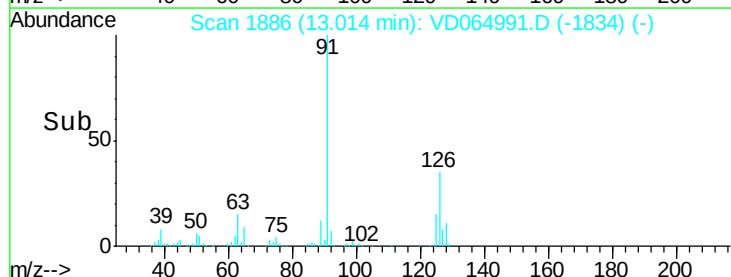
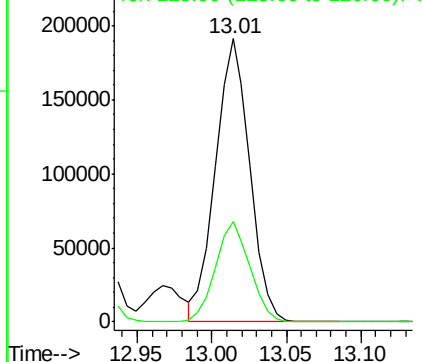
Ion Ratio Lower Upper

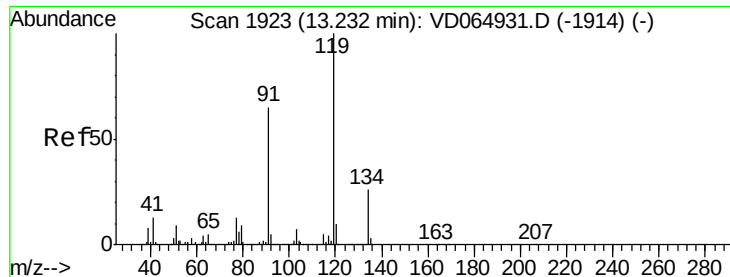
91 100

126 35.6 18.0 54.0



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

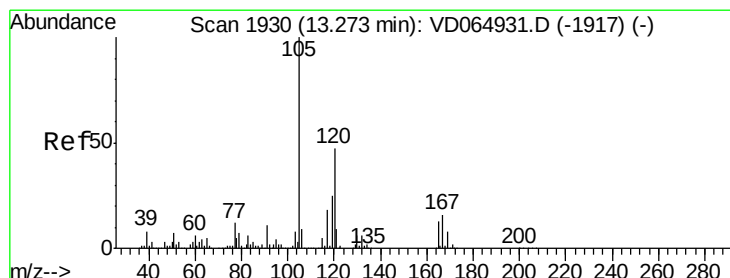
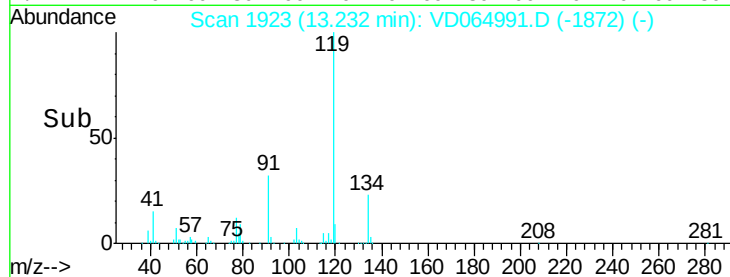
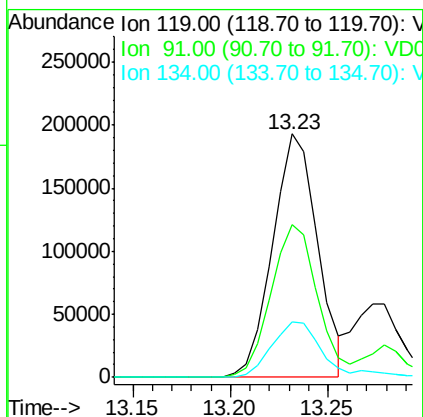
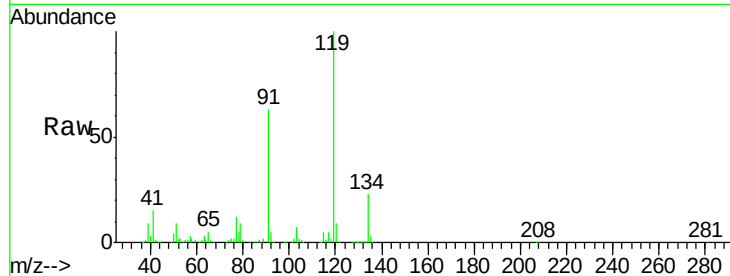




#83
 tert-Butylbenzene
 Concen: 22.14 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

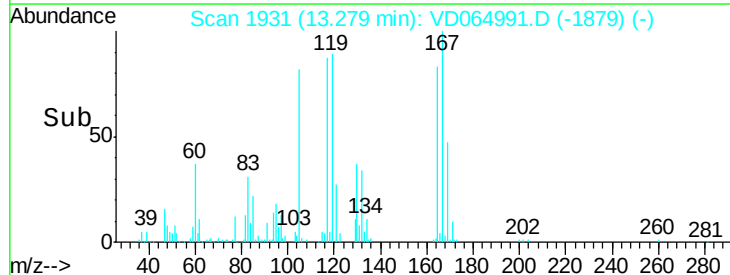
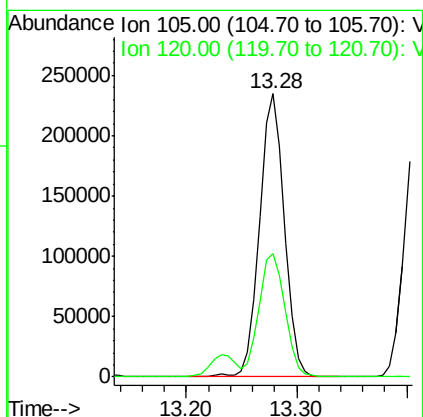
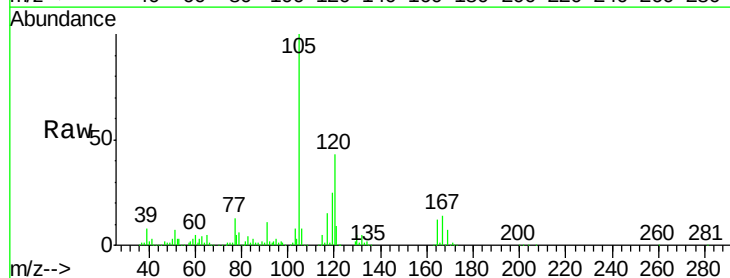
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0129SBSD01

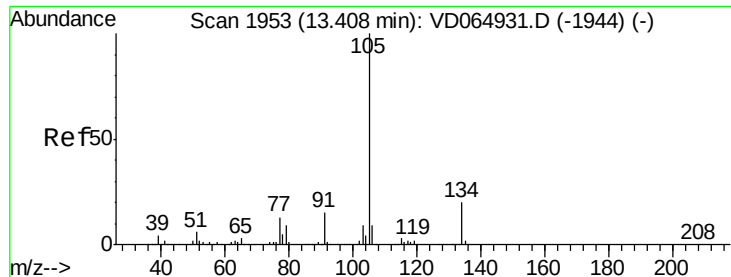
Tgt Ion:119 Resp: 307871
 Ion Ratio Lower Upper
 119 100
 91 64.7 32.0 96.0
 134 26.5 13.9 41.6



#84
 1,2,4-Trimethylbenzene
 Concen: 22.32 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.01 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

Tgt Ion:105 Resp: 370592
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.1 69.3





#85

sec-Butylbenzene

Concen: 21.85 ug/l

RT: 13.41 min Scan# 1954

Delta R.T. 0.01 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

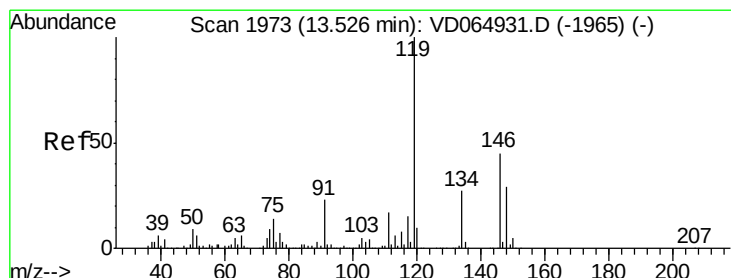
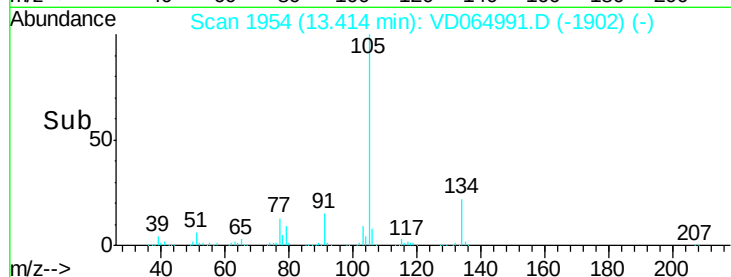
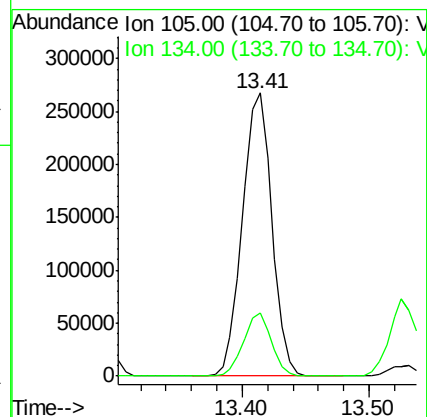
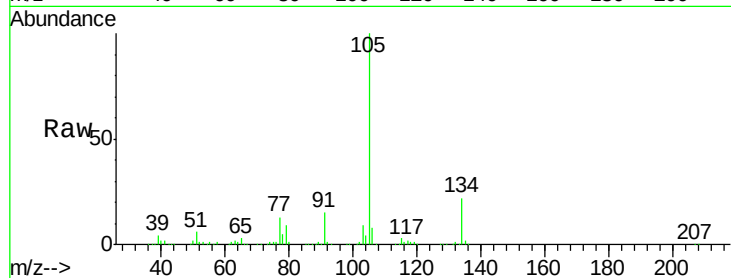
VD0129SBS01

Tgt Ion:105 Resp: 430290

Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.4



#86

p-Isopropyltoluene

Concen: 21.80 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

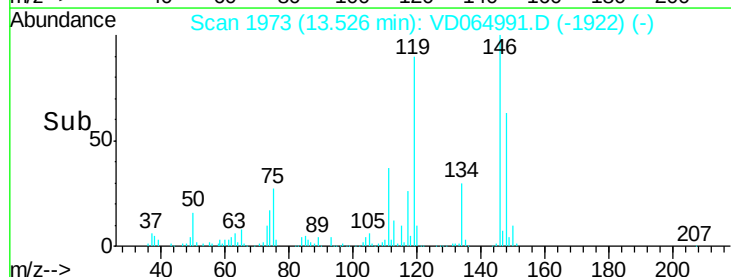
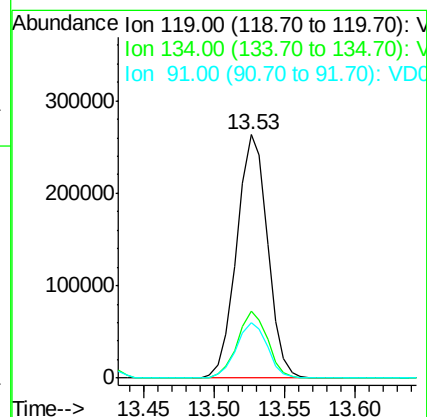
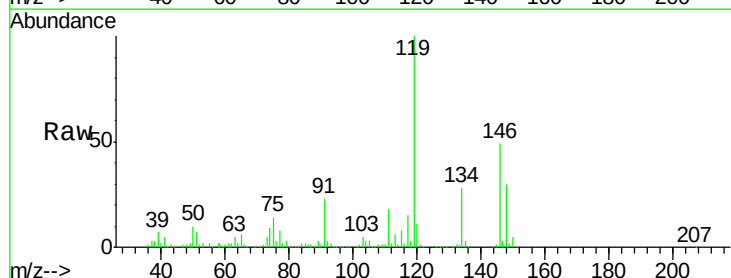
Tgt Ion:119 Resp: 401708

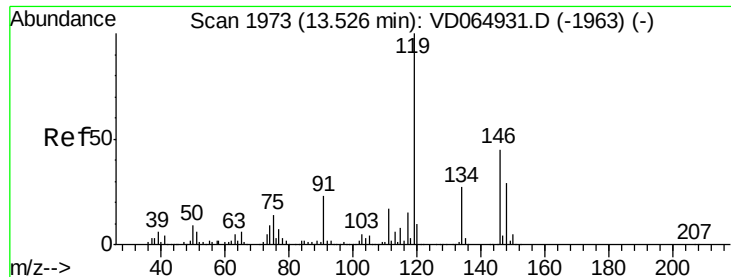
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.9

91 22.6 11.4 34.2

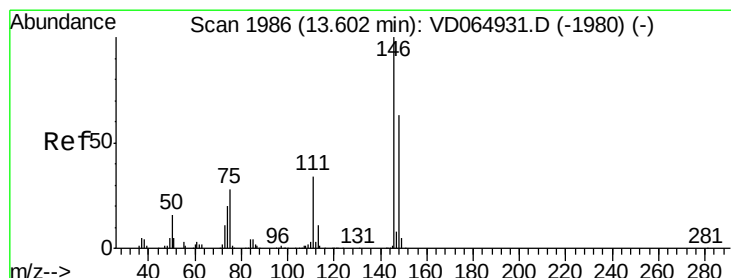
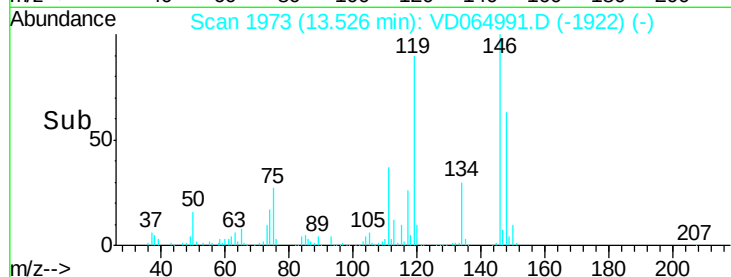
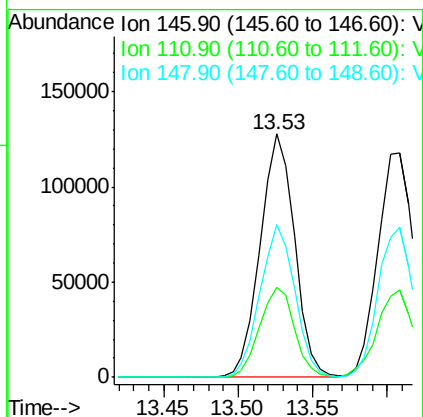
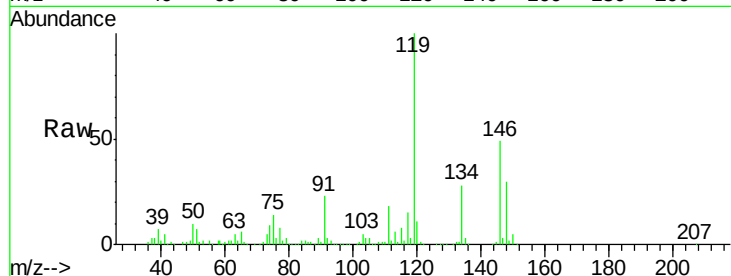




#87
 1,3-Dichlorobenzene
 Concen: 21.70 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

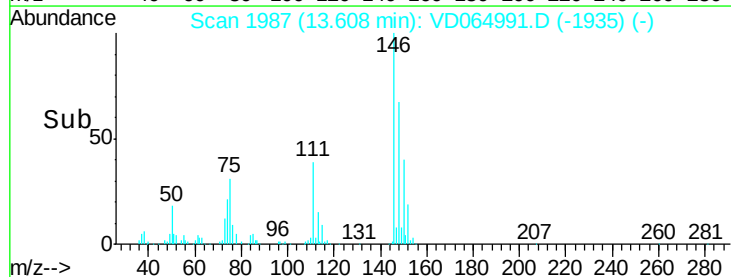
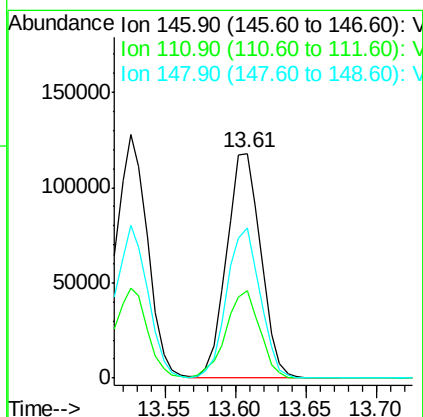
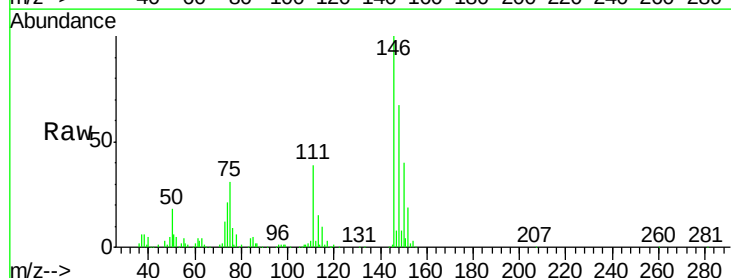
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0129SBSD01

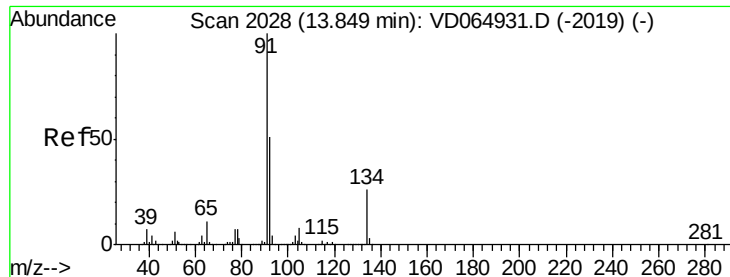
Tgt Ion:146 Resp: 203706
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.9
 148 63.3 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 21.45 ug/l
 RT: 13.61 min Scan# 1987
 Delta R.T. 0.01 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

Tgt Ion:146 Resp: 199891
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.2 54.6
 148 65.3 32.0 96.0





#89

n-Butylbenzene

Concen: 21.77 ug/l

RT: 13.86 min Scan# 2029

Delta R.T. 0.01 min

Lab File: VD064991.D

Acq: 29 Jan 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0129SBS01

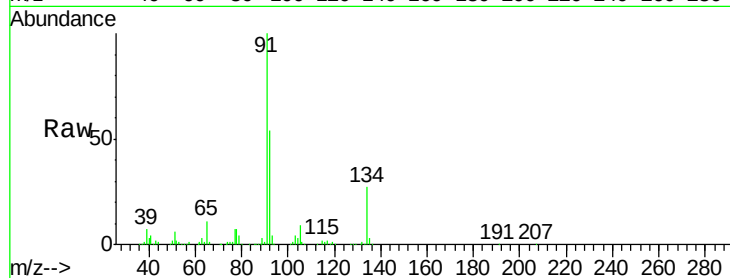
Tgt Ion: 91 Resp: 366020

Ion Ratio Lower Upper

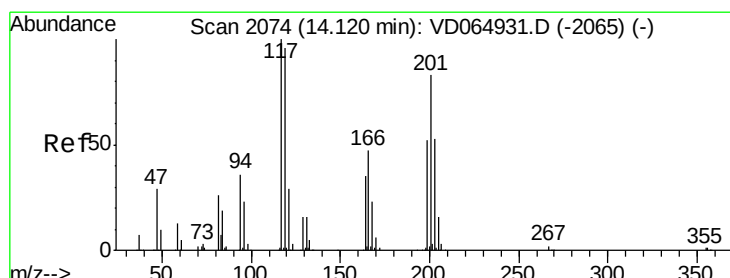
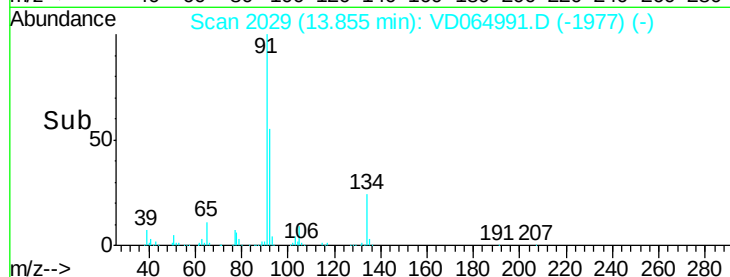
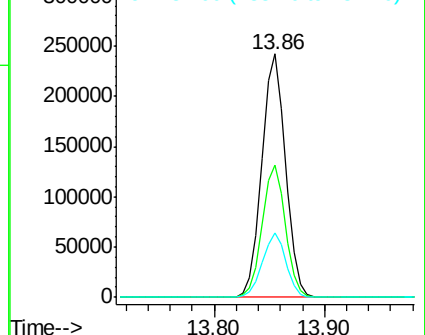
91 100

92 53.3 26.4 79.0

134 26.1 13.3 39.9



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.00 (133.70 to 134.70): VDC



#90

Hexachloroethane

Concen: 21.77 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. -0.00 min

Lab File: VD064991.D

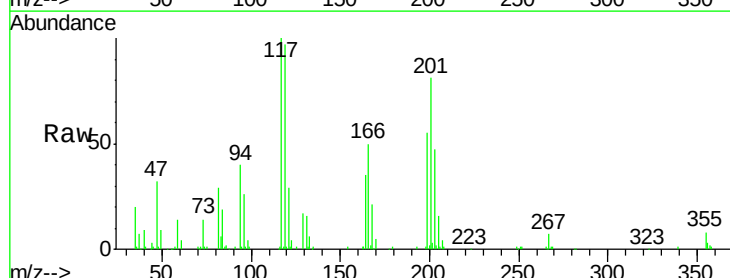
Acq: 29 Jan 2020 12:28

Tgt Ion: 117 Resp: 77355

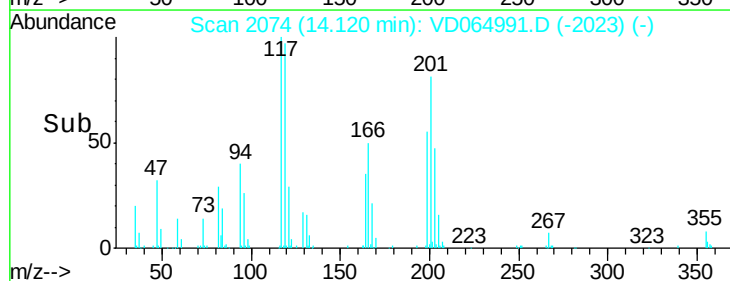
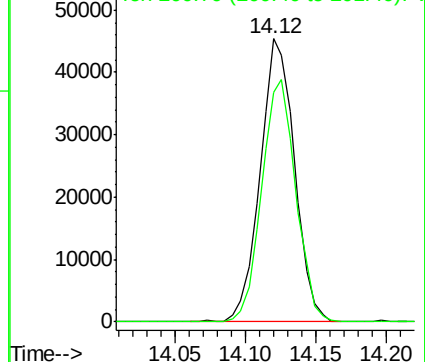
Ion Ratio Lower Upper

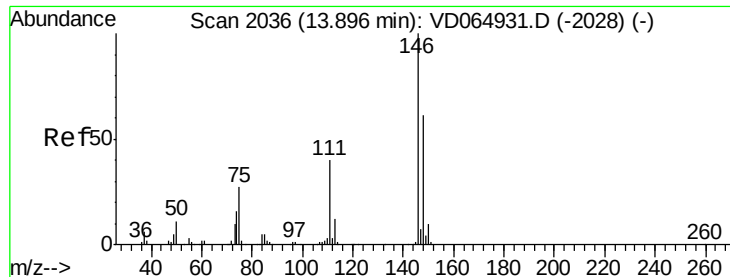
117 100

201 84.8 41.1 123.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

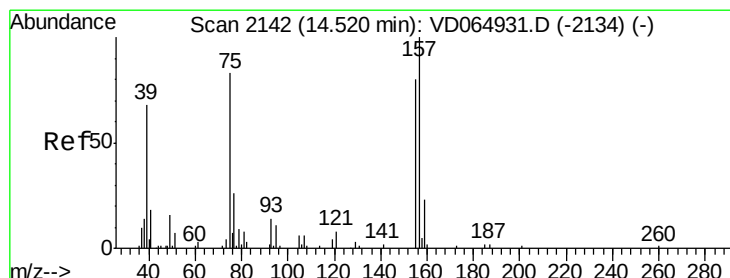
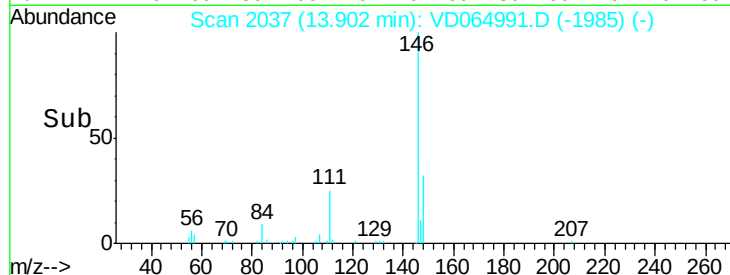
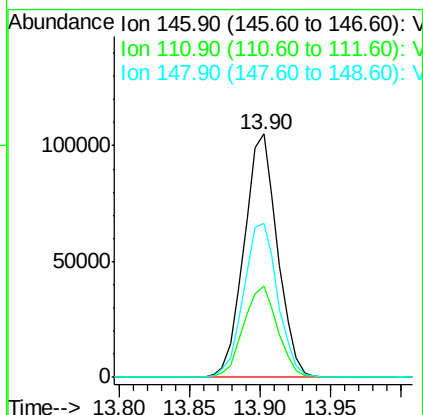
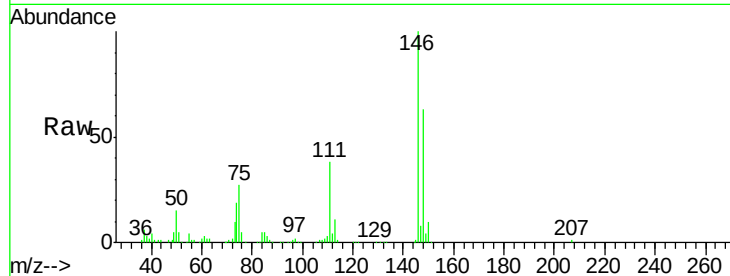




#91
 1,2-Dichlorobenzene
 Concen: 21.80 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

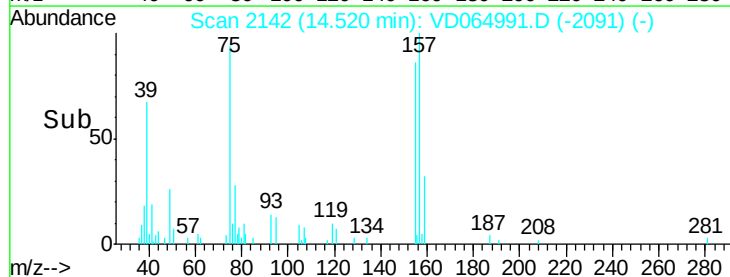
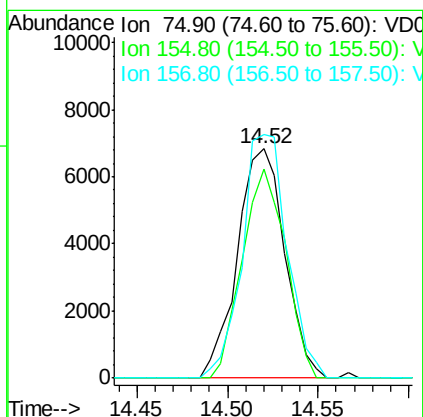
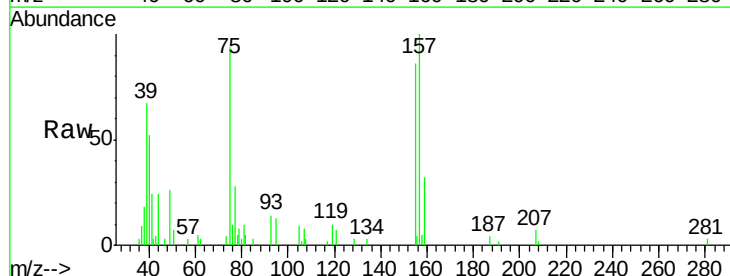
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0129SBSD01

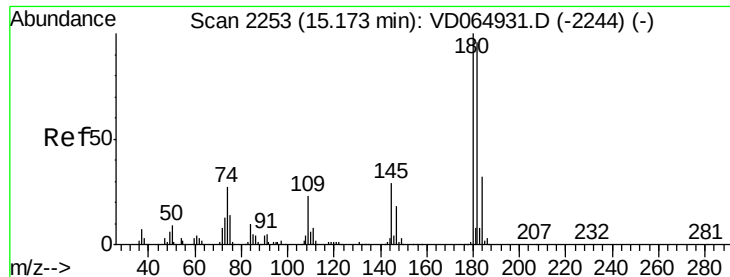
Tgt Ion: 146 Resp: 173773
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.4 58.2
 148 64.6 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.09 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

Tgt Ion: 75 Resp: 12421
 Ion Ratio Lower Upper
 75 100
 155 83.6 44.9 134.7
 157 101.1 58.9 176.6

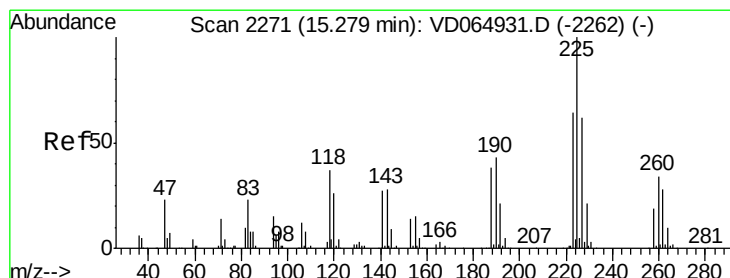
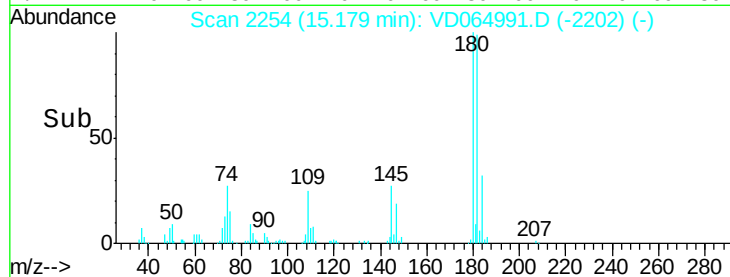
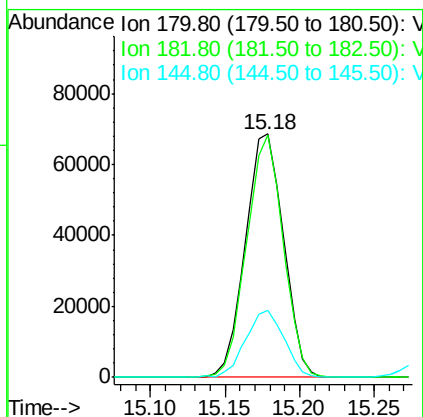
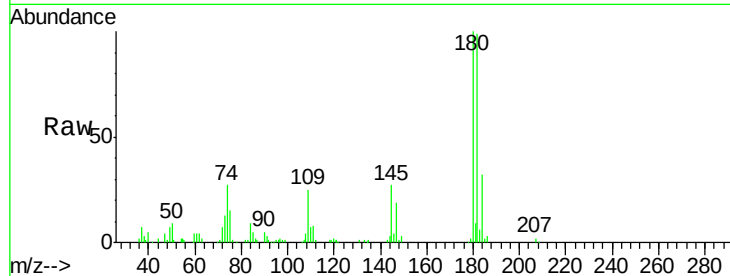




#93
 1,2,4-Trichlorobenzene
 Concen: 22.05 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

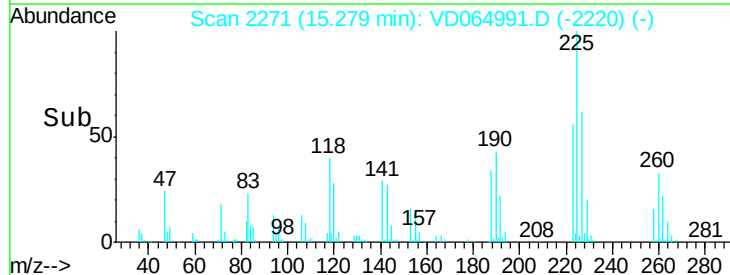
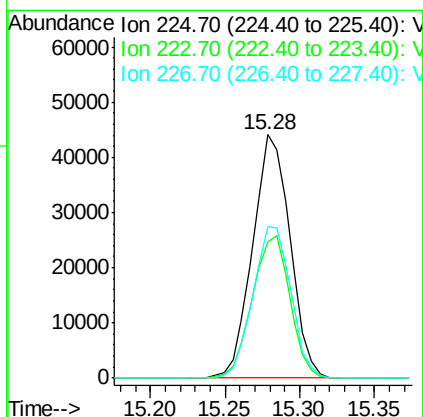
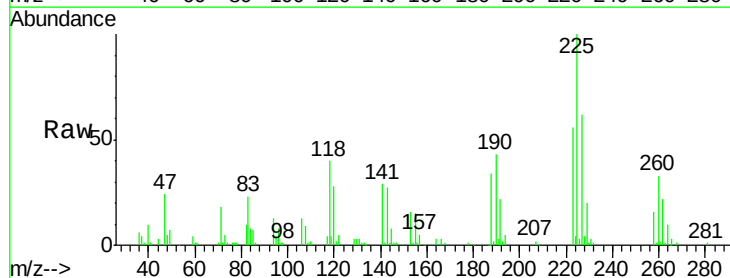
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0129SBSD01

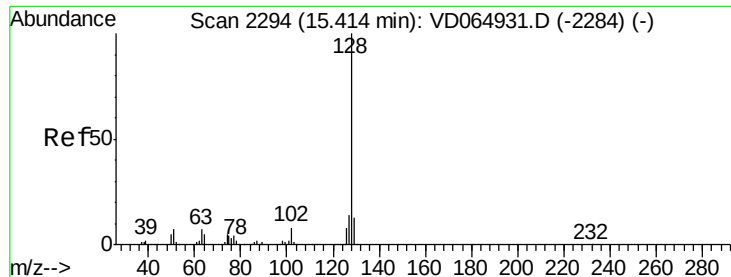
Tgt Ion:180 Resp: 121601
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.1 141.4
 145 27.6 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 21.89 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD064991.D
 Acq: 29 Jan 2020 12:28

Tgt Ion:225 Resp: 76343
 Ion Ratio Lower Upper
 225 100
 223 58.8 32.4 97.2
 227 63.0 31.9 95.9

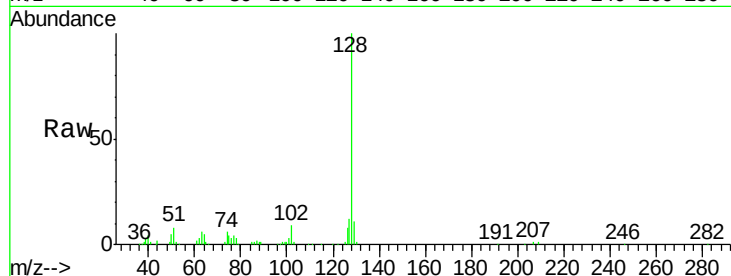




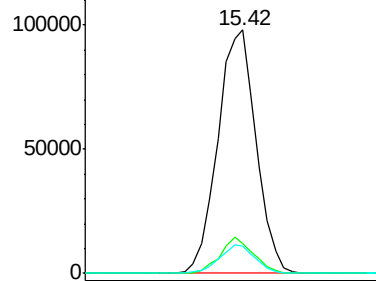
#95
Naphthalene
Concen: 20.91 ug/l
RT: 15.42 min Scan# 2295
Delta R.T. 0.01 min
Lab File: VD064991.D
Acq: 29 Jan 2020 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0129SBSD01

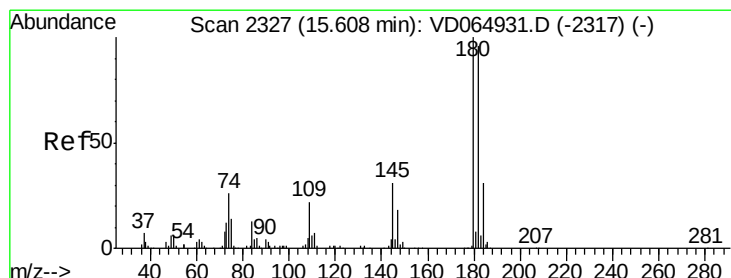
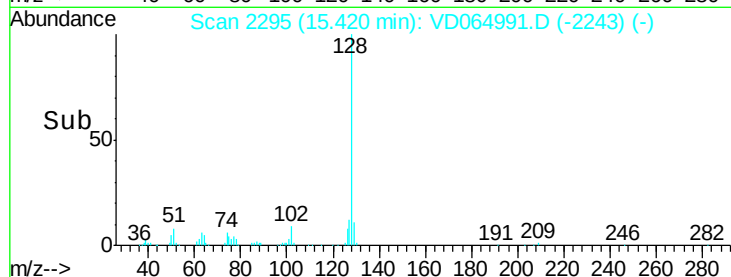
Tgt Ion:128 Resp: 186072
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.9 9.3 13.9



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

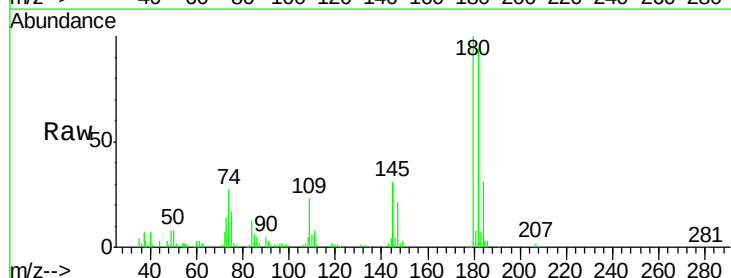


Time--> 15.35 15.40 15.45 15.50

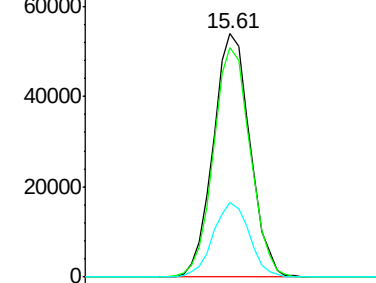


#96
1,2,3-Trichlorobenzene
Concen: 21.44 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD064991.D
Acq: 29 Jan 2020 12:28

Tgt Ion:180 Resp: 102477
Ion Ratio Lower Upper
180 100
182 94.2 47.3 141.8
145 30.2 14.6 43.8



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



Time--> 15.50 15.60 15.70

