

Data File : VD065462.D
Acq On : 10 Mar 2020 13:59
Operator : VA/SY
Sample : VD0310SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0310SBS01

Quant Time: Mar 11 01:55:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	455679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	671654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	620977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	311639	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	199063	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
35) Dibromofluoromethane	7.92	113	215409	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
50) Toluene-d8	10.34	98	826719	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.64	95	260578	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	85245	21.767	ug/l	98
3) Chloromethane	2.21	50	102960	21.776	ug/l	99
4) Vinyl Chloride	2.35	62	101860	21.842	ug/l	94
5) Bromomethane	2.77	94	64643	22.064	ug/l	98
6) Chloroethane	2.92	64	60845	21.302	ug/l	98
7) Trichlorofluoromethane	3.27	101	147272	21.432	ug/l	97
8) Diethyl Ether	3.70	74	42938	21.012	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	94726	21.404	ug/l	98
10) Methyl Iodide	4.30	142	91805	19.967	ug/l	99
11) Tert butyl alcohol	5.24	59	20120	89.738	ug/l #	76
12) 1,1-Dichloroethene	4.07	96	88852	20.966	ug/l	87
13) Acrolein	3.93	56	33203	85.868	ug/l	98
14) Allyl chloride	4.71	41	128433	19.728	ug/l	99
15) Acrylonitrile	5.44	53	92697	104.269	ug/l	96
16) Acetone	4.16	43	74858	94.695	ug/l	97
17) Carbon Disulfide	4.40	76	287456	20.368	ug/l	98
18) Methyl Acetate	4.73	43	40859	20.376	ug/l	100
19) Methyl tert-butyl Ether	5.49	73	165665	20.328	ug/l	97
20) Methylene Chloride	4.96	84	104177	22.357	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	99580	21.123	ug/l	92
22) Diisopropyl ether	6.37	45	263937	21.809	ug/l	97
23) Vinyl Acetate	6.31	43	685526	102.019	ug/l	99
24) 1,1-Dichloroethane	6.27	63	162734	20.964	ug/l	96
25) 2-Butanone	7.22	43	106317	98.553	ug/l	99
26) 2,2-Dichloropropane	7.21	77	142437	20.998	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	103719	21.524	ug/l	98
28) Bromochloromethane	7.54	49	66356	21.366	ug/l	100
29) Tetrahydrofuran	7.57	42	67401	97.835	ug/l	99
30) Chloroform	7.71	83	166541	21.465	ug/l	97
31) Cyclohexane	7.98	56	155137	19.987	ug/l #	93
32) 1,1,1-Trichloroethane	7.91	97	151363	21.111	ug/l	99
36) 1,1-Dichloropropene	8.11	75	136091	21.138	ug/l	99
37) Ethyl Acetate	7.30	43	49376	19.842	ug/l	97
38) Carbon Tetrachloride	8.10	117	141947	21.261	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	154873	19.917	ug/l	93
40) Benzene	8.35	78	393372	21.853	ug/l	99
41) Methacrylonitrile	7.53	41	27014	20.527	ug/l #	82
42) 1,2-Dichloroethane	8.43	62	102659	21.840	ug/l	99
43) Isopropyl Acetate	8.46	43	93627	20.377	ug/l	98
44) Trichloroethene	9.11	130	106035	20.858	ug/l	100
45) 1,2-Dichloropropane	9.39	63	94734	21.726	ug/l	95
46) Dibromomethane	9.48	93	48813	21.582	ug/l	99
47) Bromodichloromethane	9.67	83	125539	21.335	ug/l	97
48) Methyl methacrylate	9.46	41	45941	21.256	ug/l	93
49) 1,4-Dioxane	9.47	88	10984	424.560	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	239931	103.767	ug/l	98
52) Toluene	10.41	92	245325	21.633	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	114681	20.856	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	138768	20.849	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	68703	21.447	ug/l	97
56) Ethyl methacrylate	10.67	69	70827	19.612	ug/l	97
57) 1,3-Dichloropropane	10.95	76	114830	21.186	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	110798	99.488	ug/l	100
59) 2-Hexanone	10.99	43	159097	99.398	ug/l	98
60) Dibromochloromethane	11.14	129	88618	21.581	ug/l	100
61) 1,2-Dibromoethane	11.25	107	63937	20.925	ug/l	98
64) Tetrachloroethene	10.88	164	97190	21.842	ug/l	99
65) Chlorobenzene	11.67	112	257341	20.942	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	94924	21.210	ug/l	99
67) Ethyl Benzene	11.75	91	435790	20.524	ug/l	97
68) m/p-Xylenes	11.86	106	349113	42.641	ug/l	98
69) o-Xylene	12.18	106	151530	21.041	ug/l	99
70) Styrene	12.20	104	272083	21.467	ug/l	98
71) Bromoform	12.37	173	52693	20.961	ug/l #	99
73) Isopropylbenzene	12.48	105	417856	20.385	ug/l	99
74) N-amyl acetate	12.30	43	80730	19.238	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	72580	20.144	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	91881	37.364	ug/l #	100
77) Bromobenzene	12.77	156	106996	21.010	ug/l	99
78) n-propylbenzene	12.83	91	508419	20.905	ug/l	99
79) 2-Chlorotoluene	12.91	91	282981	20.645	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	351470	20.857	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	22730	19.506	ug/l	98
82) 4-Chlorotoluene	13.01	91	307646	21.359	ug/l	99
83) tert-Butylbenzene	13.23	119	284478	19.954	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	351105	21.137	ug/l	99
85) sec-Butylbenzene	13.41	105	415901	20.437	ug/l	99
86) p-Isopropyltoluene	13.53	119	381055	20.521	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	204563	20.893	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	202448	20.786	ug/l	99
89) n-Butylbenzene	13.86	91	346394	20.177	ug/l	99
90) Hexachloroethane	14.12	117	78242	20.460	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	174722	20.970	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10886	19.838	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031020\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

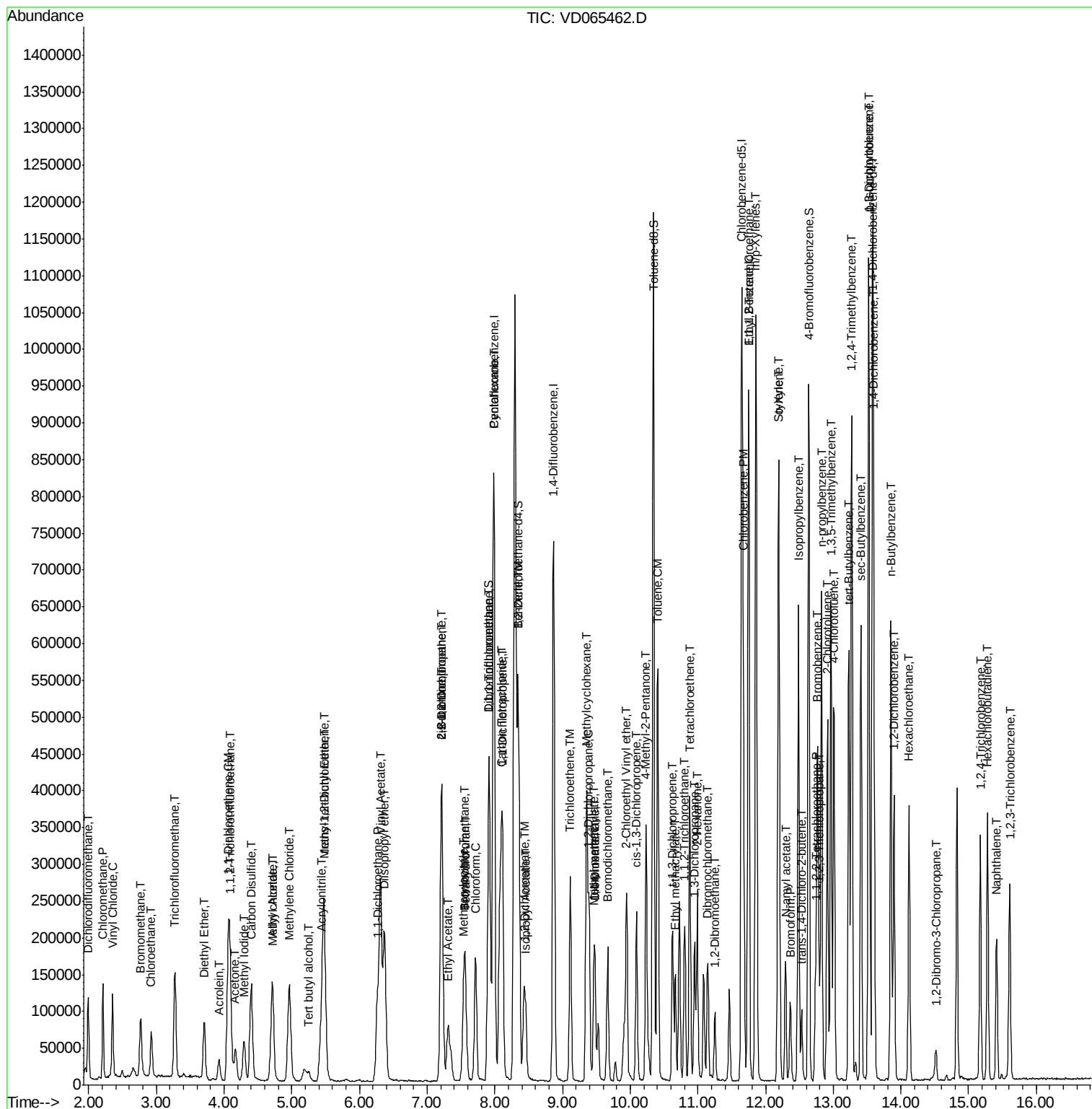
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	115625	20.474	ug/l	98
94) Hexachlorobutadiene	15.28	225	75076	20.233	ug/l	96
95) Naphthalene	15.41	128	168275	19.652	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	102975	21.101	ug/l	99

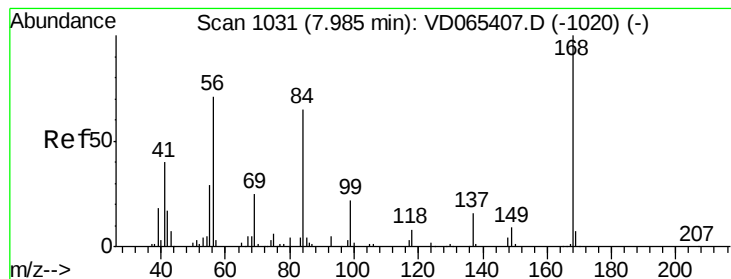
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

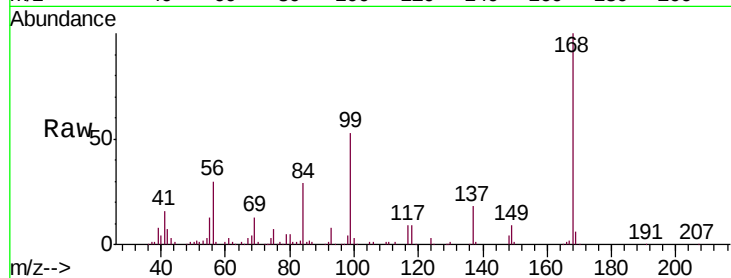
VD0310SBSD01

Tgt Ion:168 Resp: 455679

Ion Ratio Lower Upper

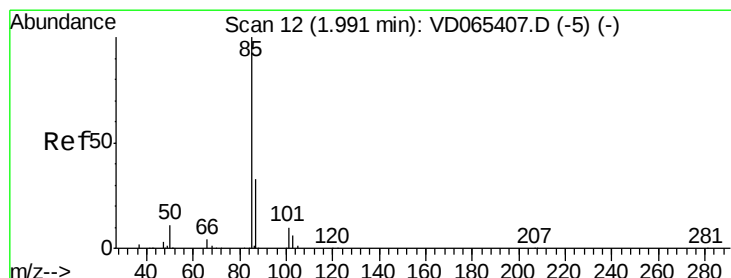
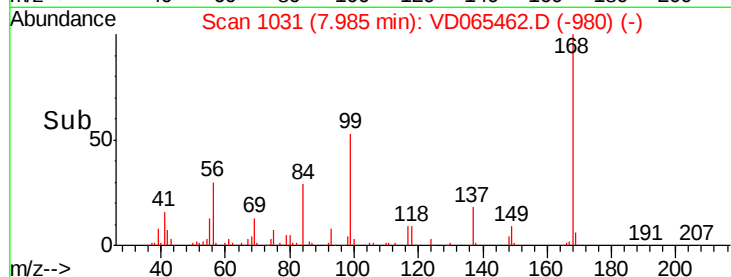
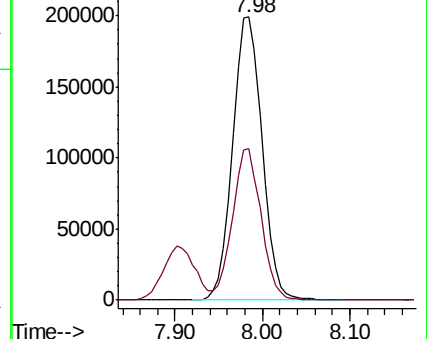
168 100

99 53.2 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 21.767 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065462.D

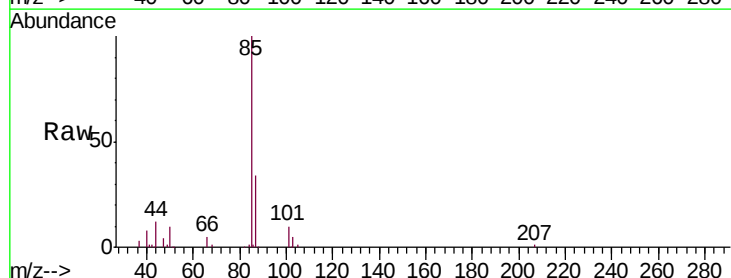
Acq: 10 Mar 2020 13:59

Tgt Ion: 85 Resp: 85245

Ion Ratio Lower Upper

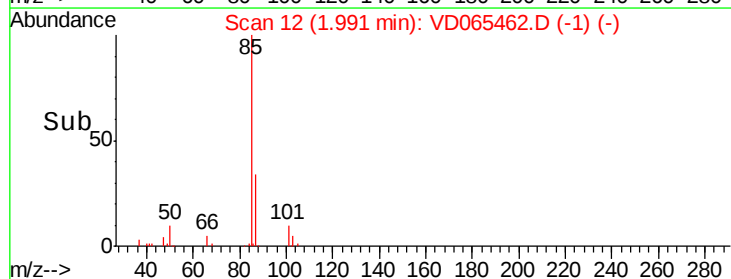
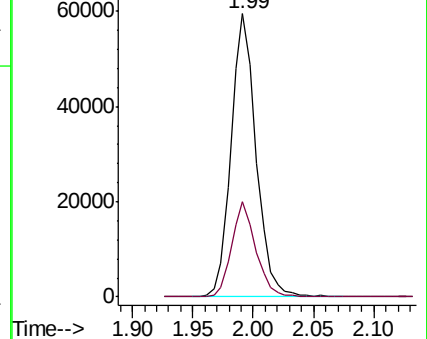
85 100

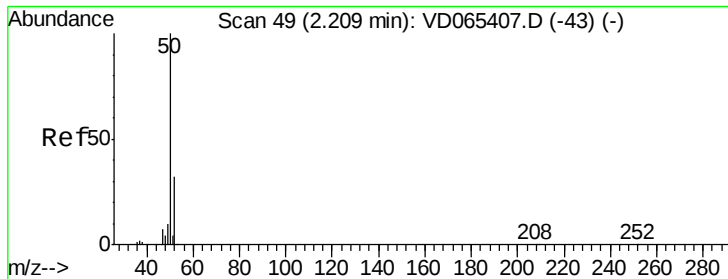
87 33.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.776 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

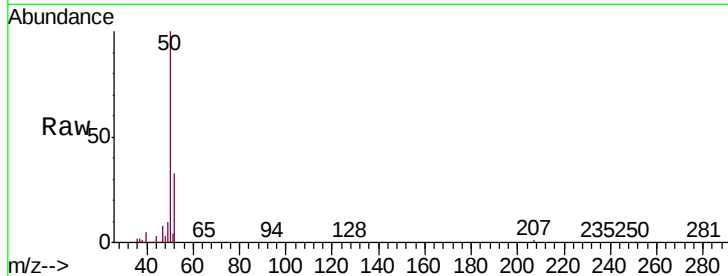
VD0310SBSD01

Tgt Ion: 50 Resp: 102960

Ion Ratio Lower Upper

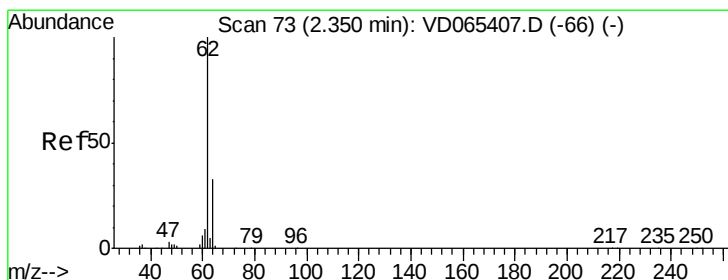
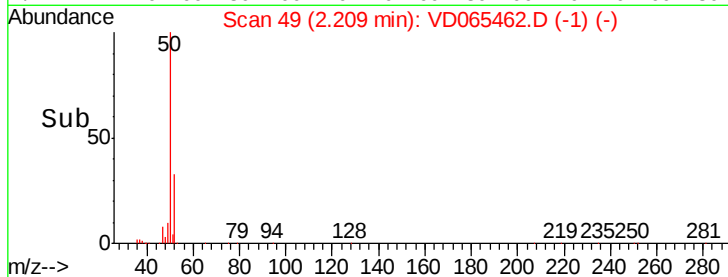
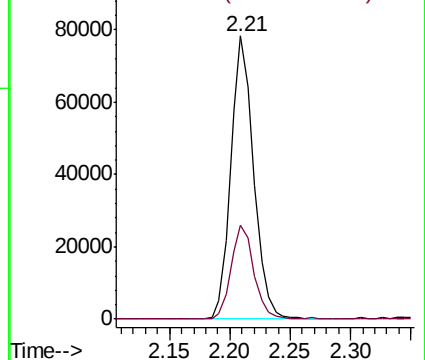
50 100

52 33.1 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.842 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065462.D

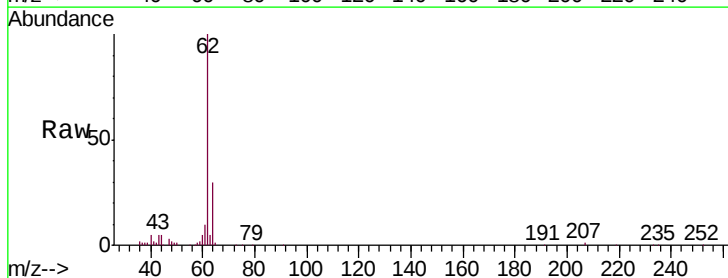
Acq: 10 Mar 2020 13:59

Tgt Ion: 62 Resp: 101860

Ion Ratio Lower Upper

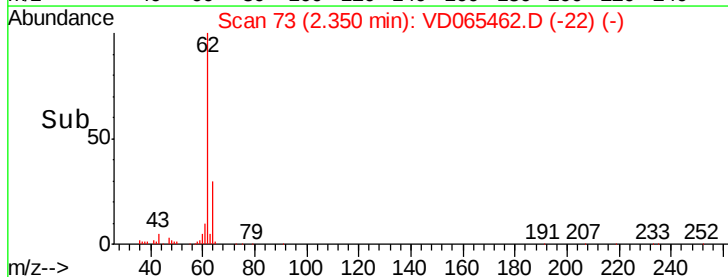
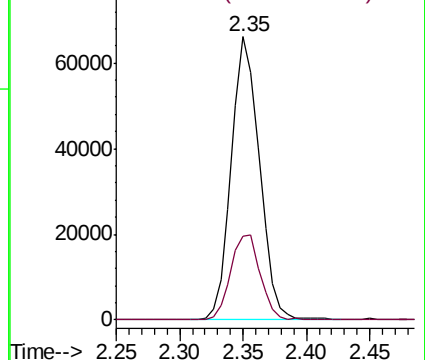
62 100

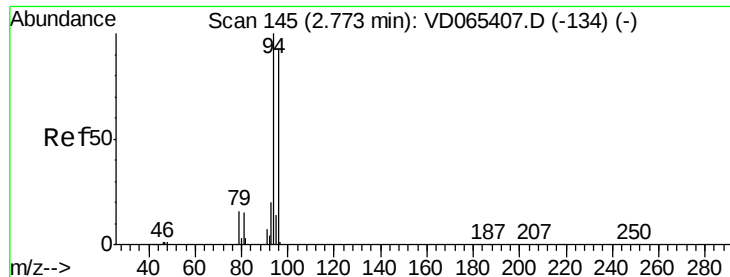
64 29.8 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 22.064 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

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Acq: 10 Mar 2020 13:59

Instrument :

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ClientSampleId :

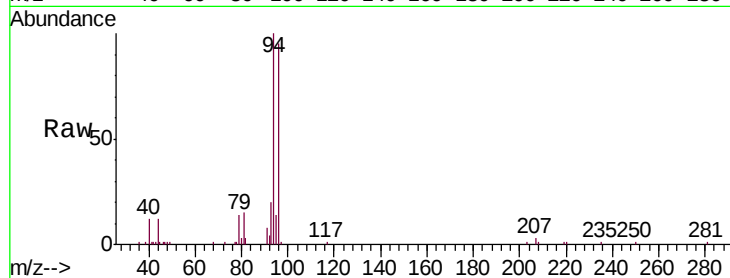
VD0310SBS01

Tgt Ion: 94 Resp: 64643

Ion Ratio Lower Upper

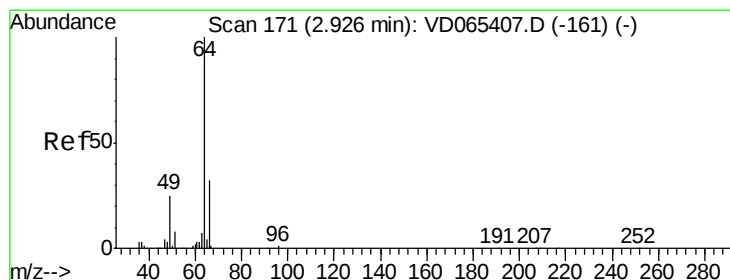
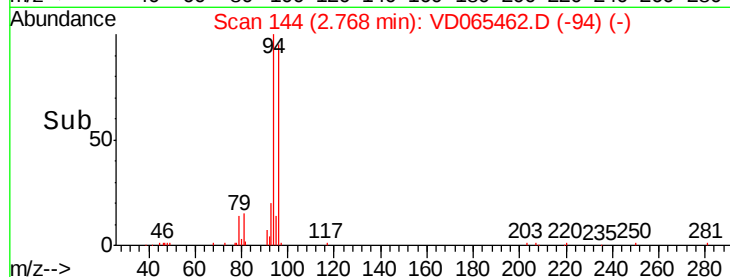
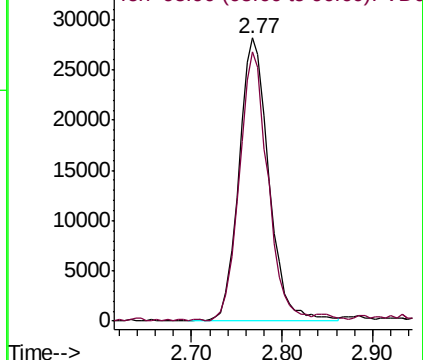
94 100

96 95.3 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 21.302 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065462.D

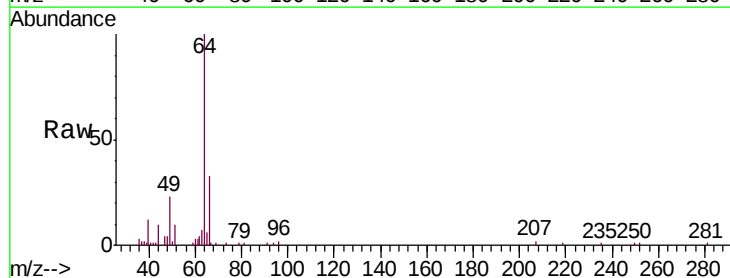
Acq: 10 Mar 2020 13:59

Tgt Ion: 64 Resp: 60845

Ion Ratio Lower Upper

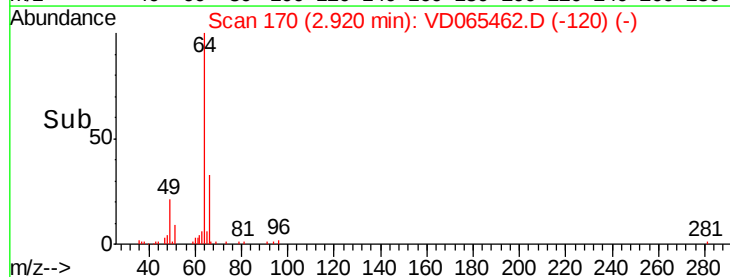
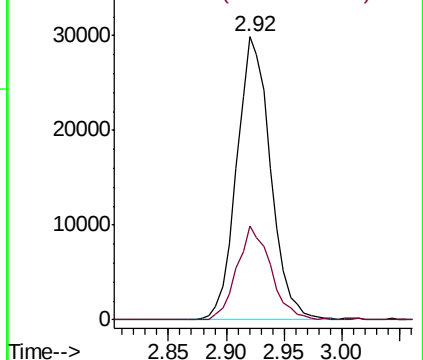
64 100

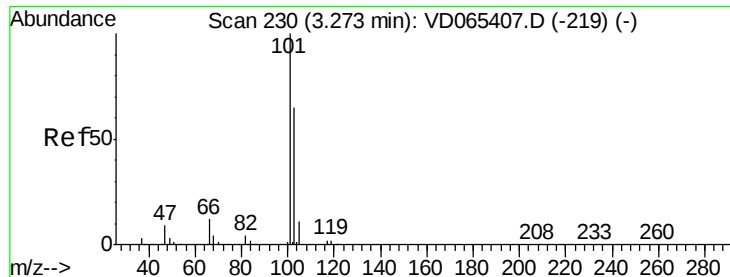
66 33.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



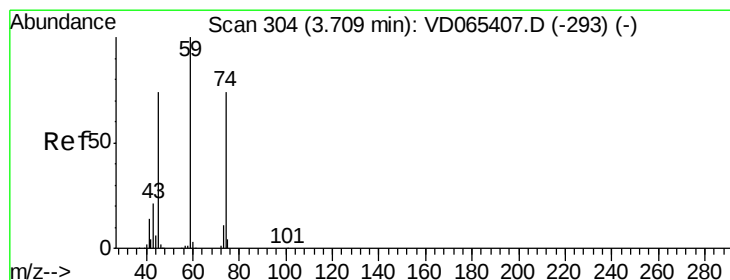
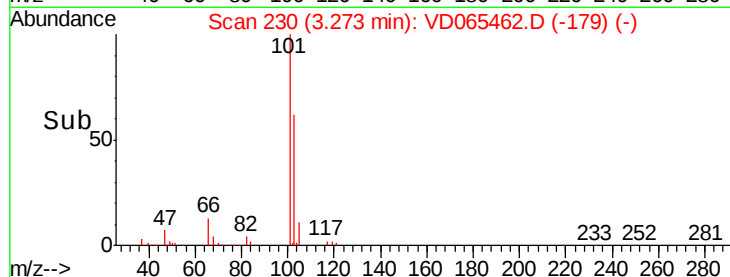
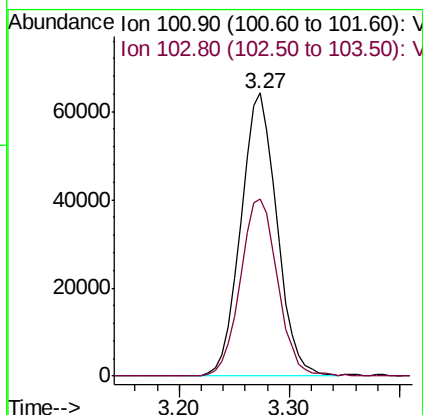
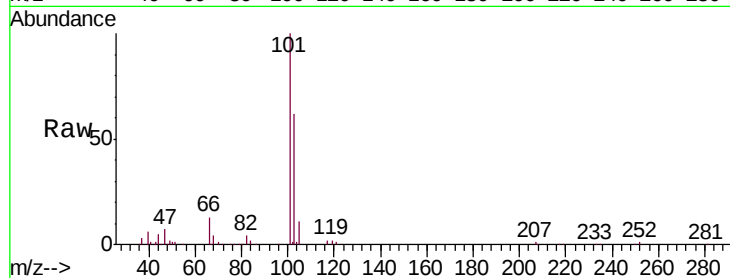


#7

Trichlorofluoromethane
 Concen: 21.432 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065462.D
 Acq: 10 Mar 2020 13:59

Instrument :
 MSVOA_D
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 VD0310SBSD01

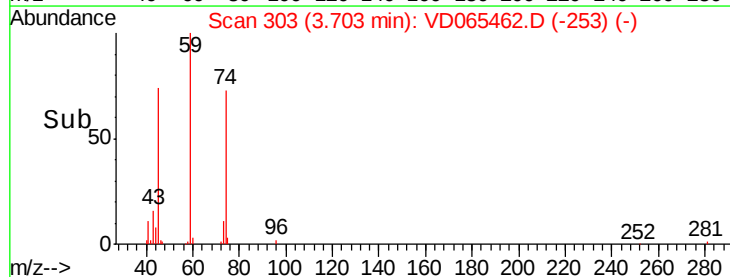
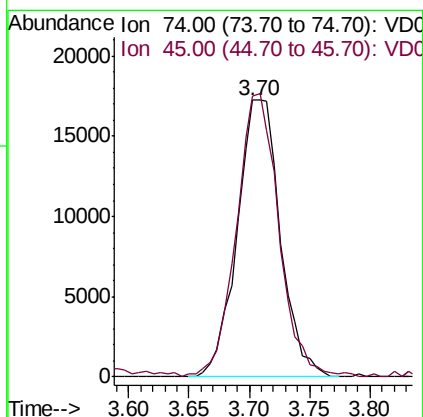
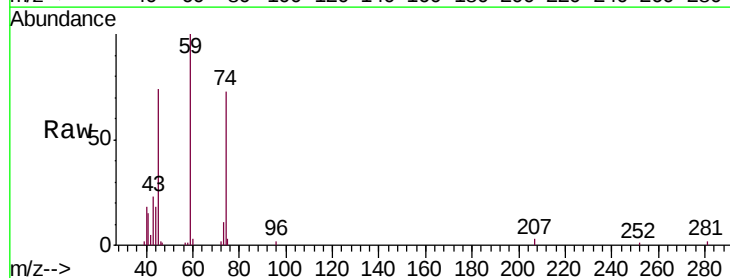
Tgt Ion:101 Resp: 147272
 Ion Ratio Lower Upper
 101 100
 103 62.5 52.1 78.1

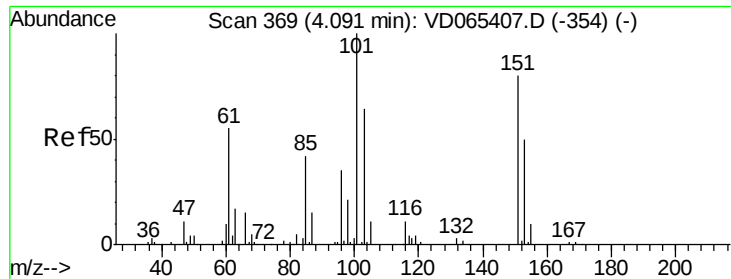


#8

Diethyl Ether
 Concen: 21.012 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065462.D
 Acq: 10 Mar 2020 13:59

Tgt Ion: 74 Resp: 42938
 Ion Ratio Lower Upper
 74 100
 45 100.7 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.404 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBS01

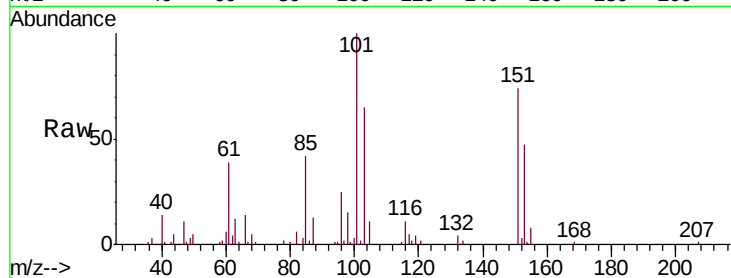
Tgt Ion:101 Resp: 94726

Ion Ratio Lower Upper

101 100

85 42.2 34.2 51.2

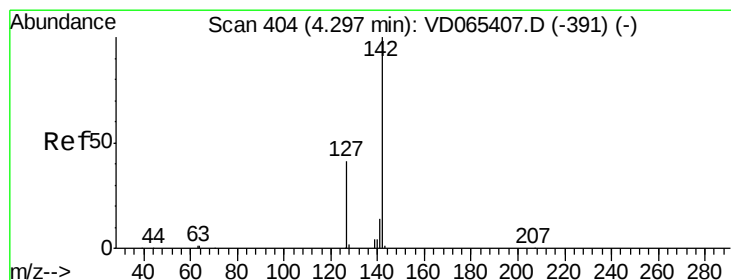
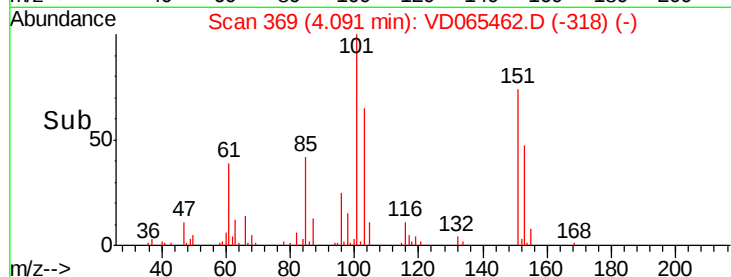
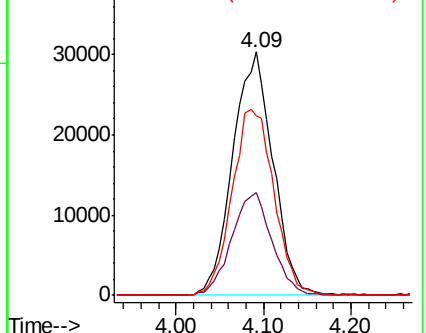
151 79.6 65.1 97.7



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: 19.967 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

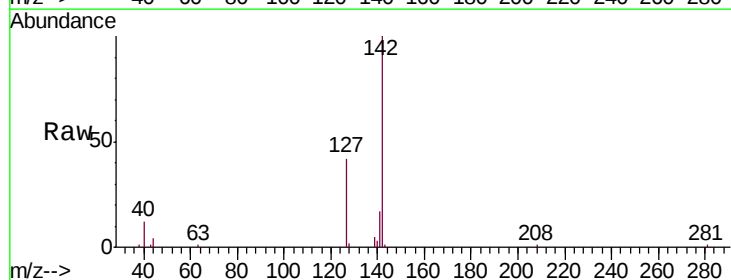
Tgt Ion:142 Resp: 91805

Ion Ratio Lower Upper

142 100

127 43.6 35.0 52.6

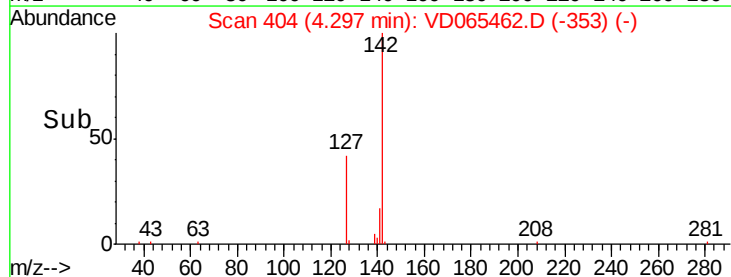
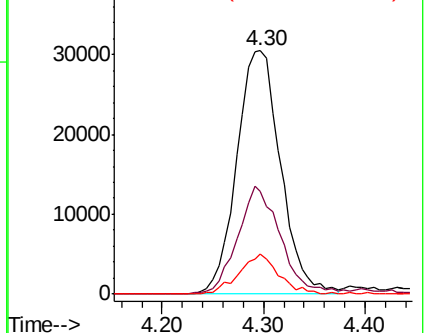
141 14.7 12.4 18.6

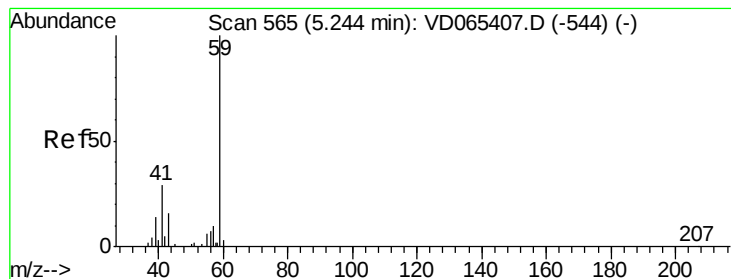


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 89.738 ug/l

RT: 5.24 min Scan# 565

Delta R.T. -0.00 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

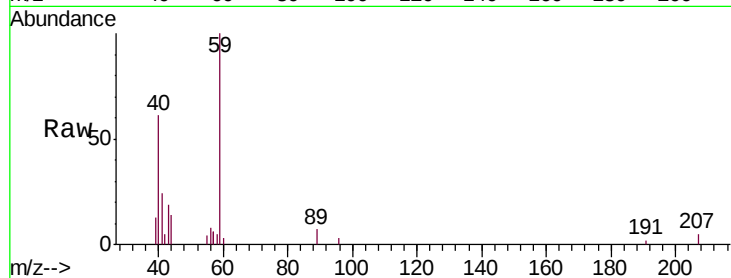
VD0310SBS01

Tgt Ion: 59 Resp: 20120

Ion Ratio Lower Upper

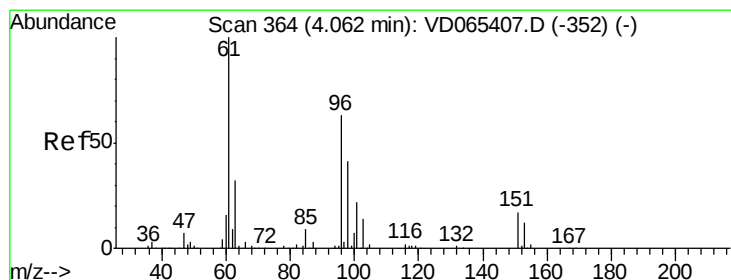
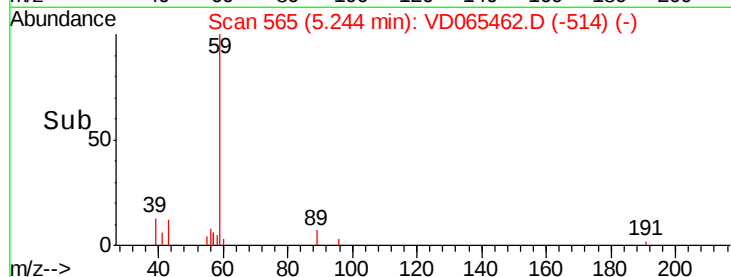
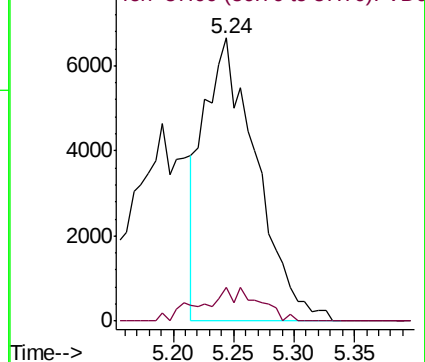
59 100

57 0.0 6.9 10.3#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 20.966 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.01 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

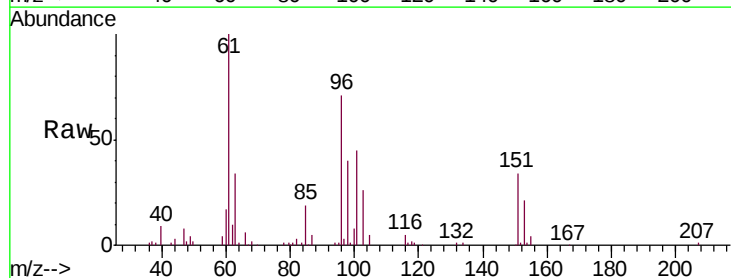
Tgt Ion: 96 Resp: 88852

Ion Ratio Lower Upper

96 100

61 141.7 128.0 192.0

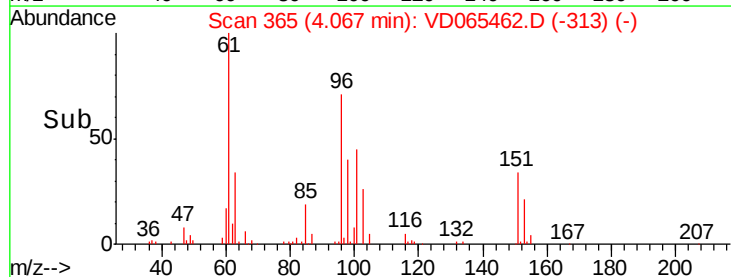
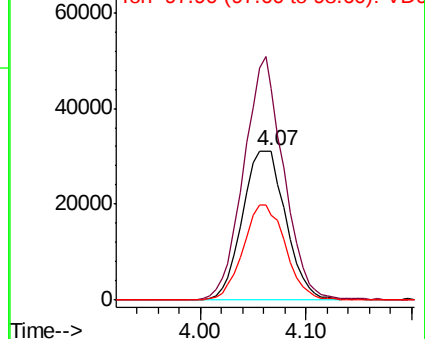
98 56.8 51.9 77.9

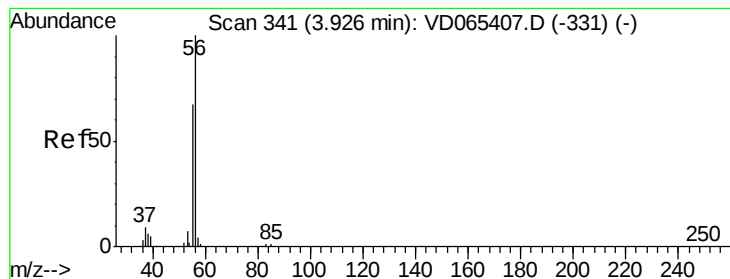


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 85.868 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

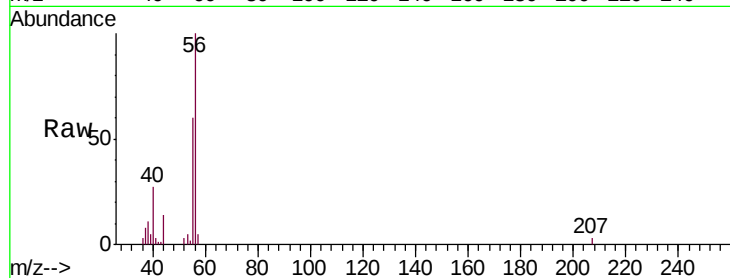
VD0310SBS01

Tgt Ion: 56 Resp: 33203

Ion Ratio Lower Upper

56 100

55 69.0 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

15000

10000

5000

0

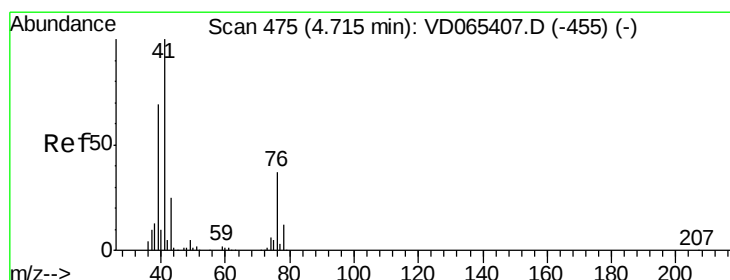
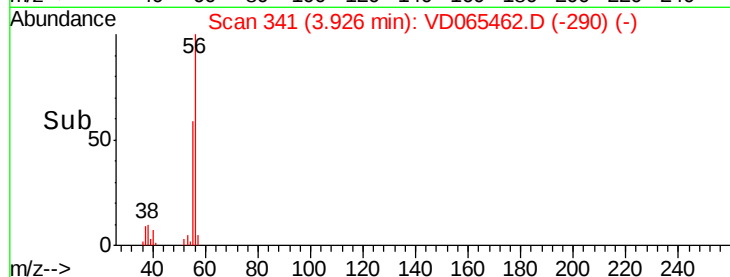
3.93

Time-->

3.80

3.90

4.00



#14

Allyl chloride

Concen: 19.728 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

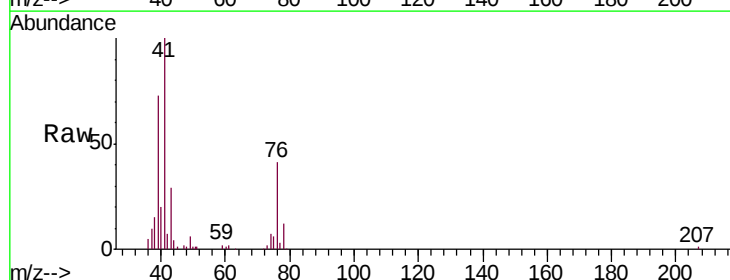
Tgt Ion: 41 Resp: 128433

Ion Ratio Lower Upper

41 100

39 66.0 52.6 79.0

76 38.0 29.2 43.8



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

50000

40000

30000

20000

10000

0

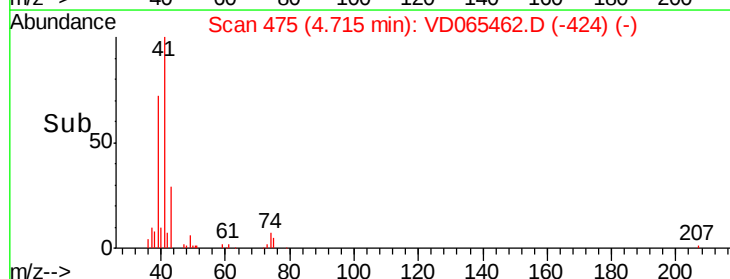
4.71

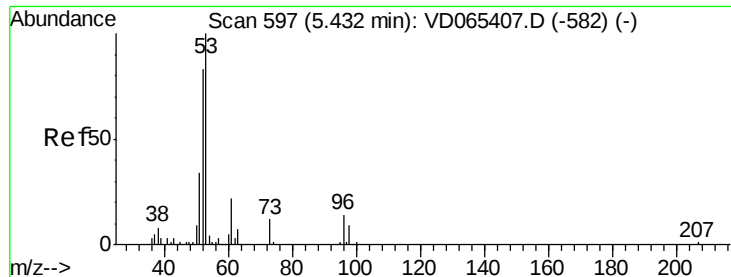
Time-->

4.60

4.70

4.80





#15

Acrylonitrile

Concen: 104.269 ug/l

RT: 5.44 min Scan# 598

Delta R.T. 0.01 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBS01

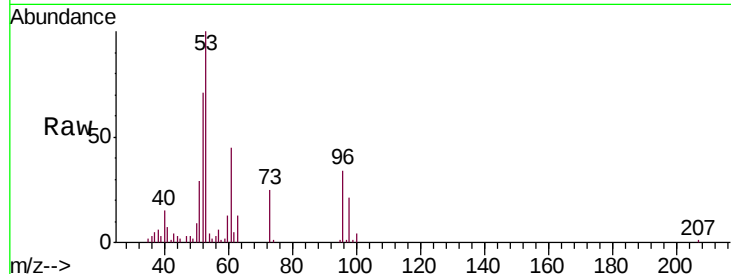
Tgt Ion: 53 Resp: 92697

Ion Ratio Lower Upper

53 100

52 77.3 65.1 97.7

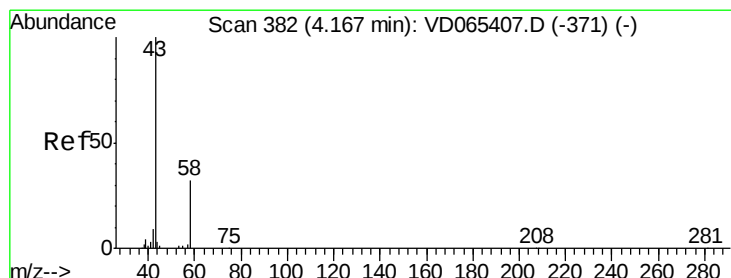
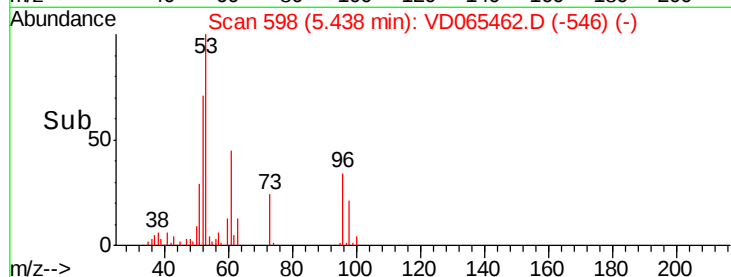
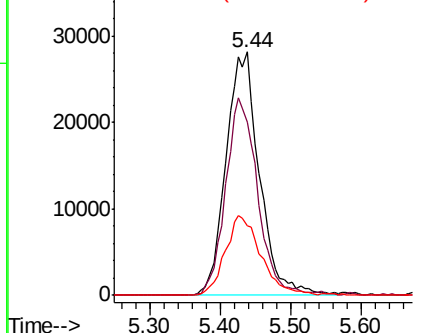
51 35.0 28.5 42.7



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: 94.695 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065462.D

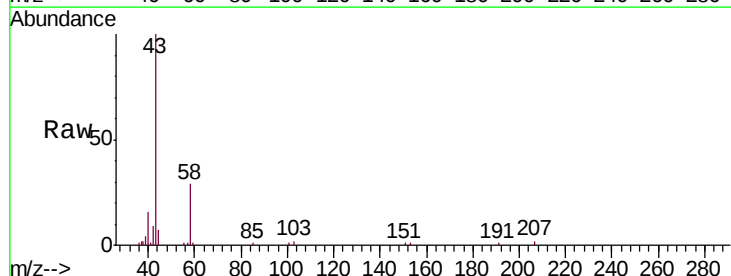
Acq: 10 Mar 2020 13:59

Tgt Ion: 43 Resp: 74858

Ion Ratio Lower Upper

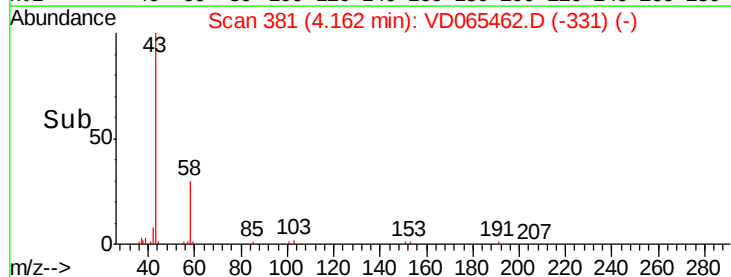
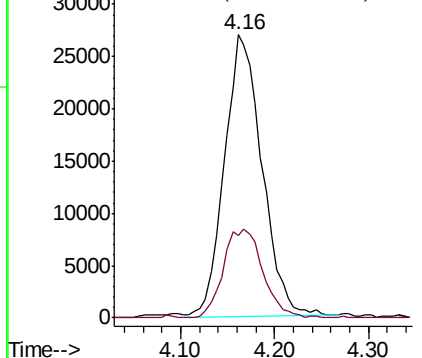
43 100

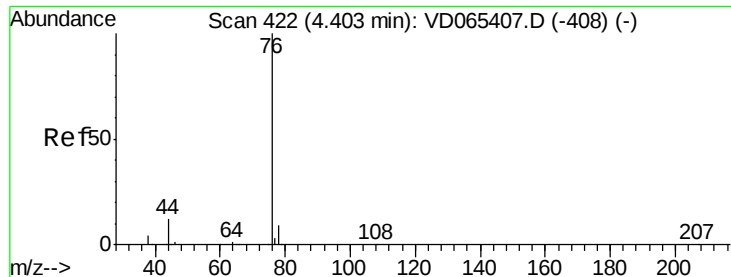
58 29.5 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

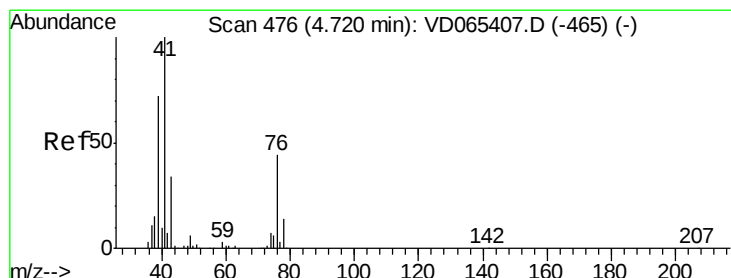
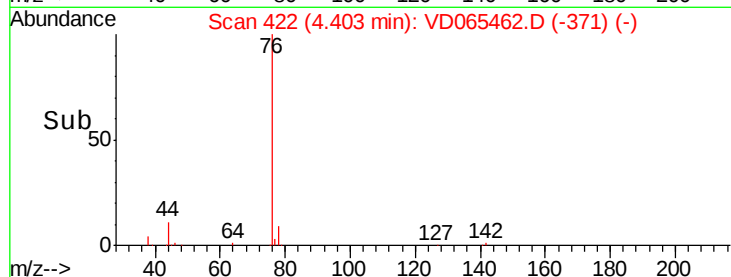
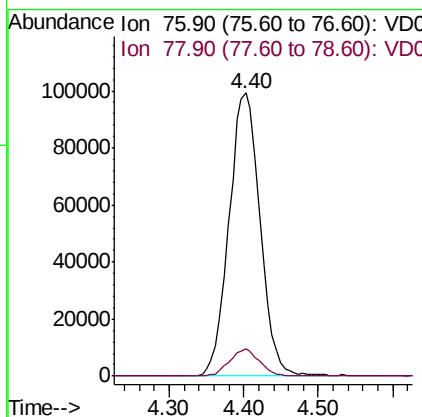
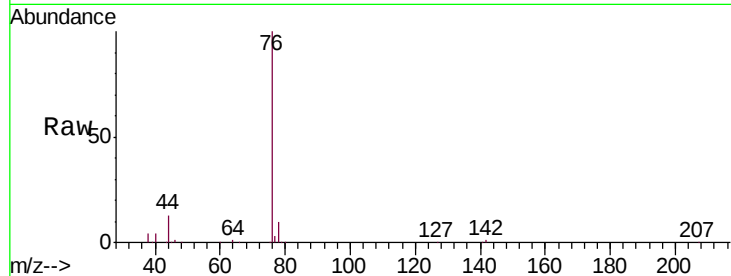




#17
Carbon Disulfide
Concen: 20.368 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.00 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

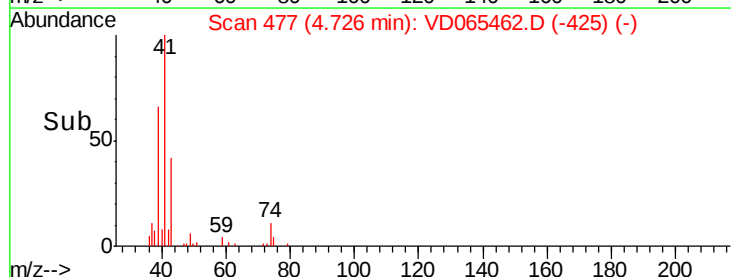
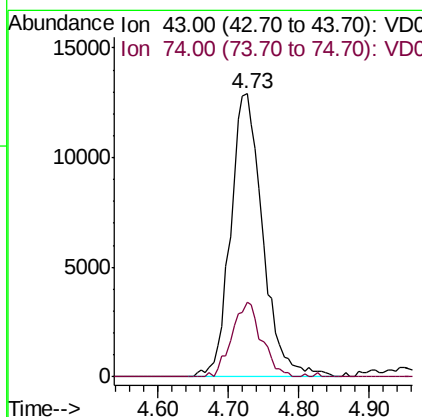
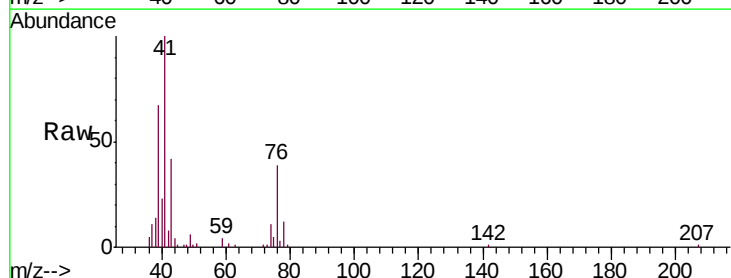
Instrument :
MSVOA_D
ClientSampleId :
VD0310SBSD01

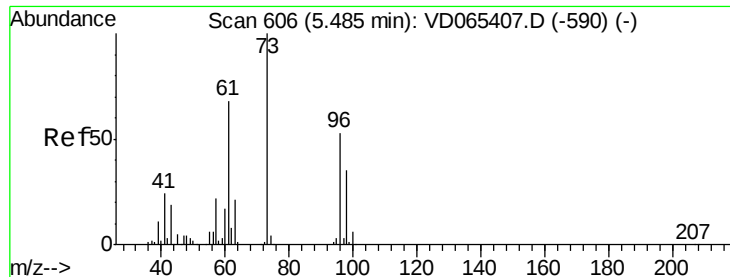
Tgt Ion: 76 Resp: 287456
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 20.376 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

Tgt Ion: 43 Resp: 40859
Ion Ratio Lower Upper
43 100
74 24.4 19.6 29.4

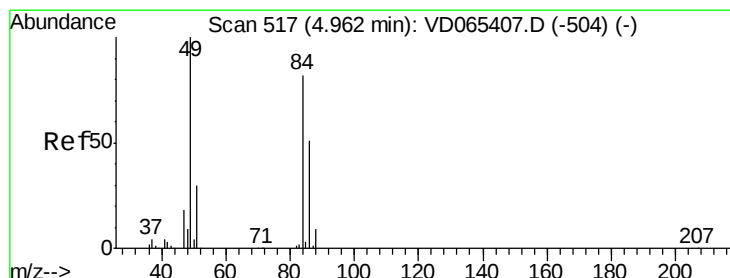
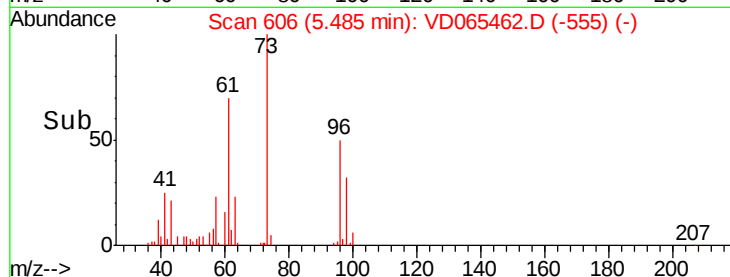
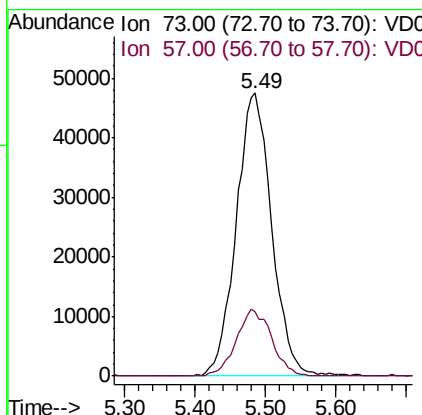
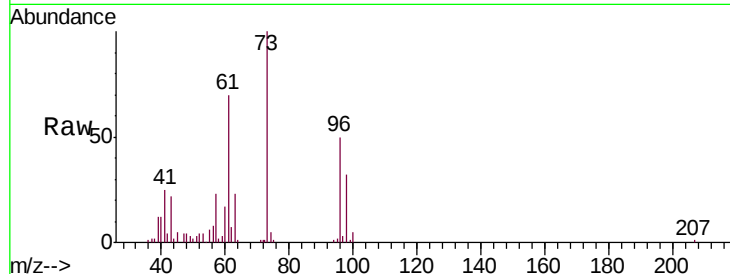




#19
Methyl tert-butyl Ether
Concen: 20.328 ug/l
RT: 5.49 min Scan# 606
Delta R.T. -0.00 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

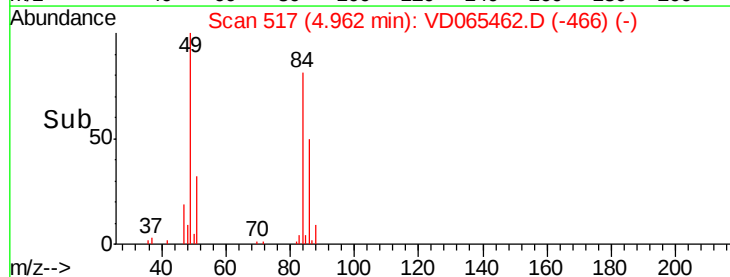
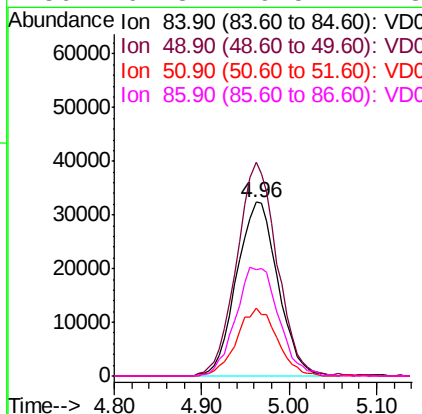
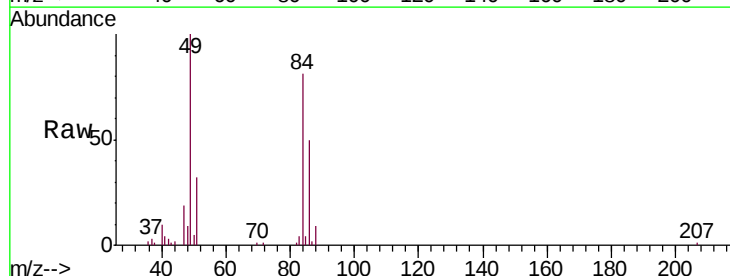
Instrument :
MSVOA_D
ClientSampleId :
VD0310SBSD01

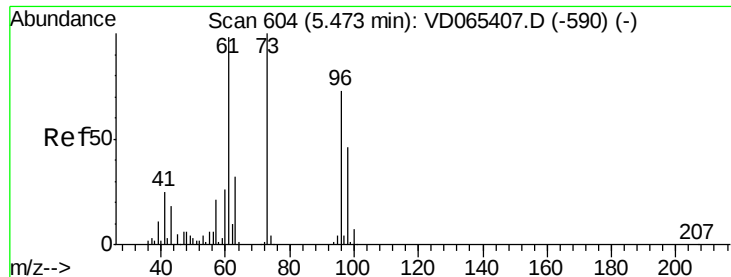
Tgt Ion: 73 Resp: 165665
Ion Ratio Lower Upper
73 100
57 23.0 17.3 25.9



#20
Methylene Chloride
Concen: 22.357 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

Tgt Ion: 84 Resp: 104177
Ion Ratio Lower Upper
84 100
49 122.7 97.7 146.5
51 38.9 28.8 43.2
86 61.3 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 21.123 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBS01

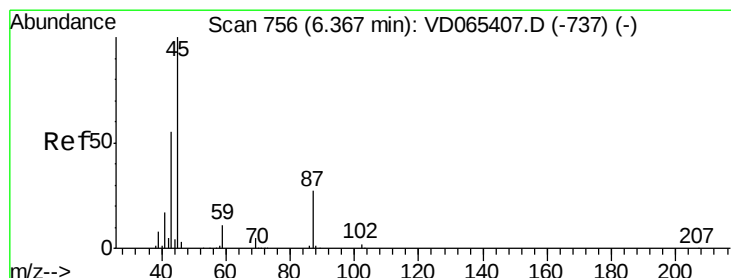
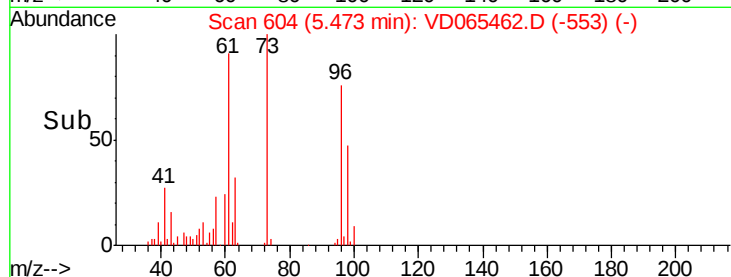
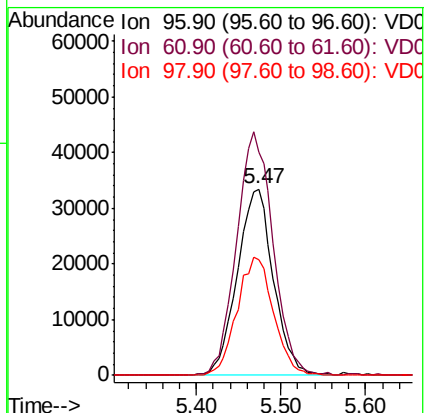
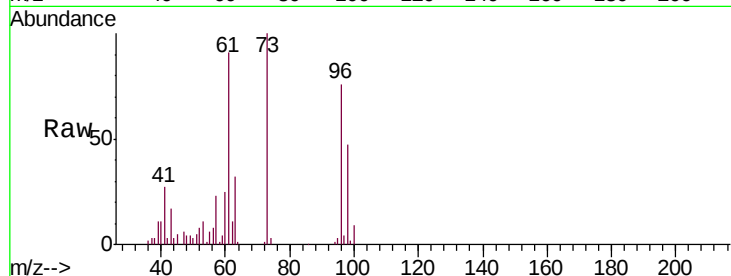
Tgt Ion: 96 Resp: 99580

Ion Ratio Lower Upper

96 100

61 119.9 106.3 159.5

98 61.9 50.2 75.4



#22

Diisopropyl ether

Concen: 21.809 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.01 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Tgt Ion: 45 Resp: 263937

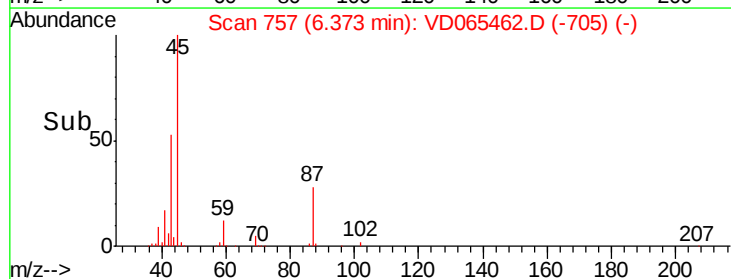
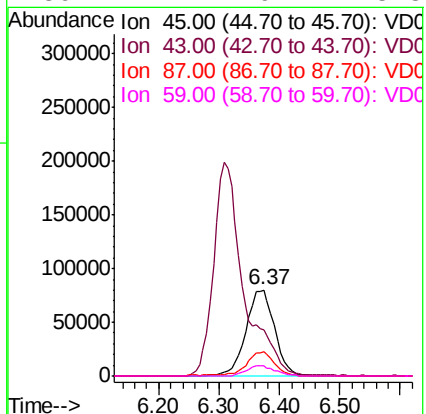
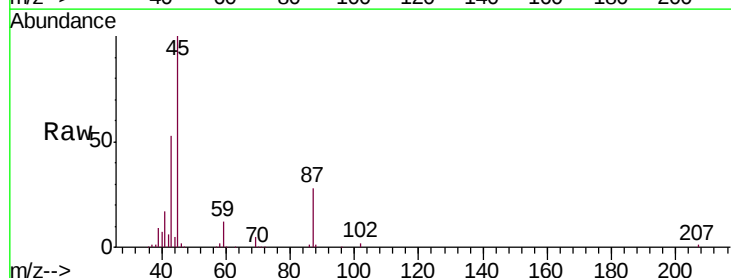
Ion Ratio Lower Upper

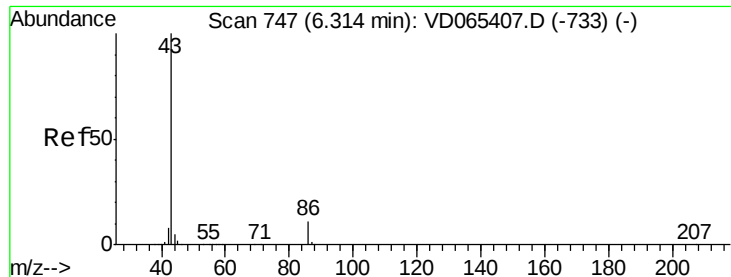
45 100

43 52.5 44.4 66.6

87 28.1 21.9 32.9

59 12.1 9.2 13.8





#23

Vinyl Acetate

Concen: 102.019 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

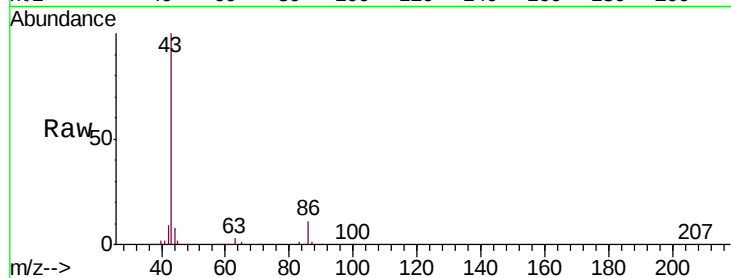
VD0310SBSD01

Tgt Ion: 43 Resp: 685526

Ion Ratio Lower Upper

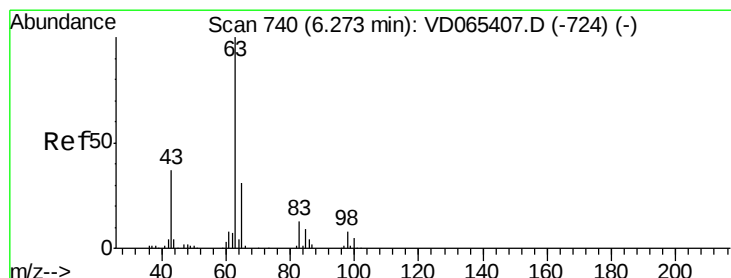
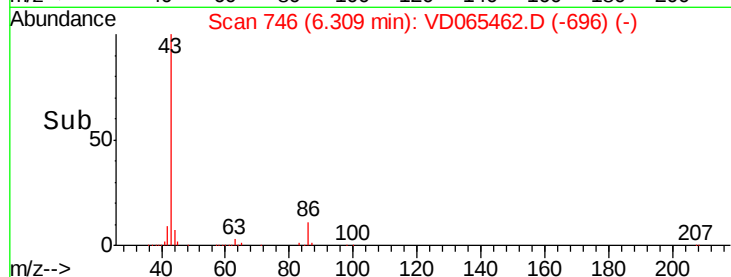
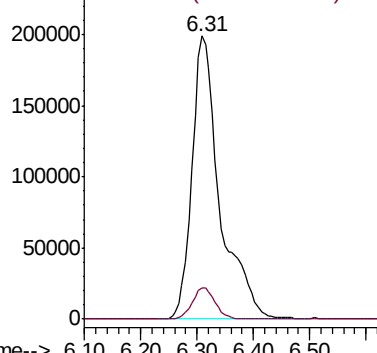
43 100

86 10.9 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.964 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

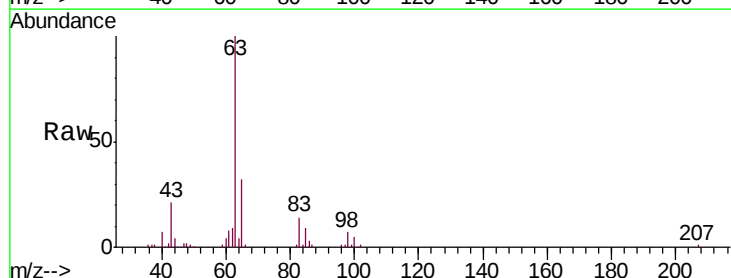
Tgt Ion: 63 Resp: 162734

Ion Ratio Lower Upper

63 100

98 6.7 4.2 12.6

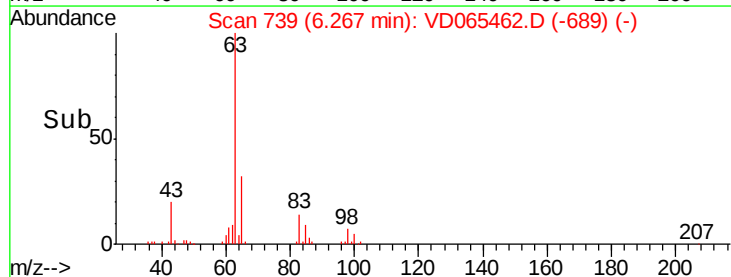
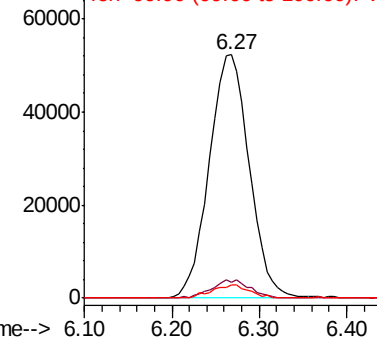
100 5.4 2.4 7.2

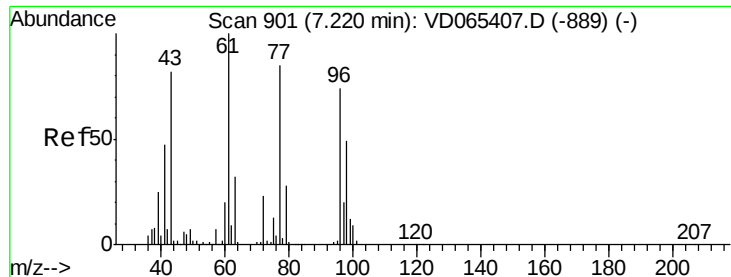


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 98.553 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

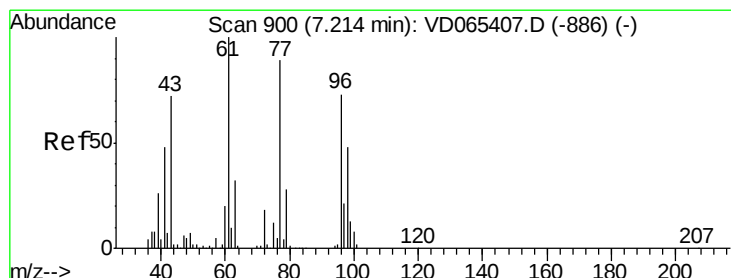
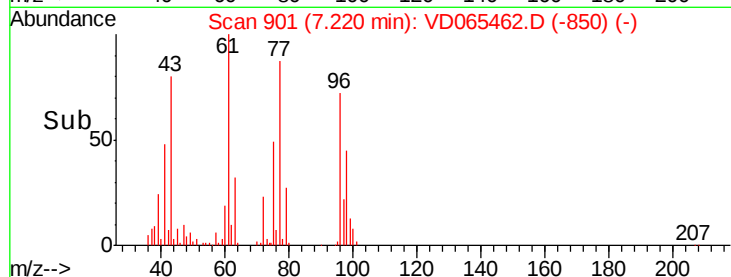
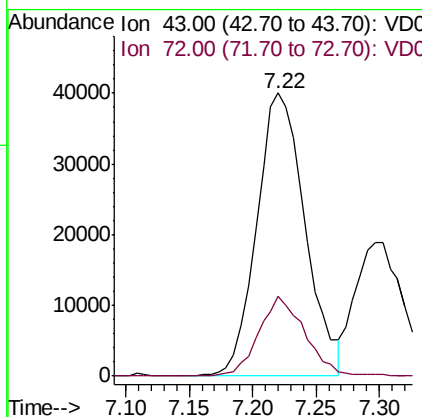
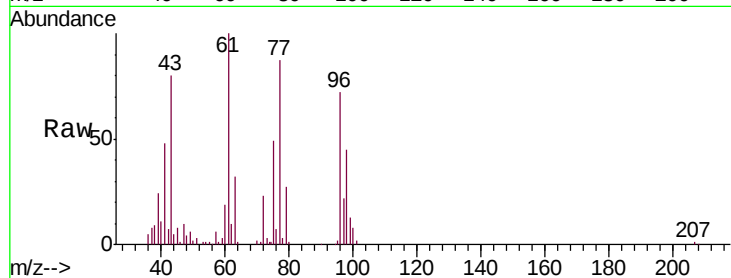
VD0310SBSD01

Tgt Ion: 43 Resp: 106317

Ion Ratio Lower Upper

43 100

72 28.3 22.3 33.5



#26

2,2-Dichloropropane

Concen: 20.998 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065462.D

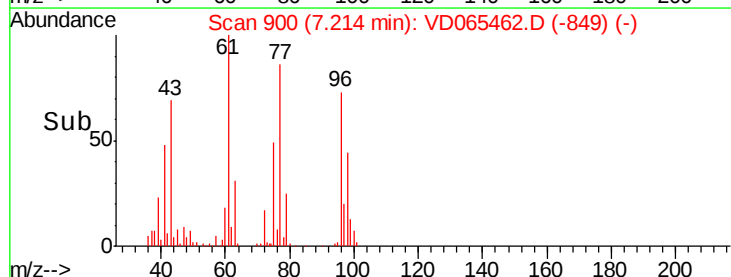
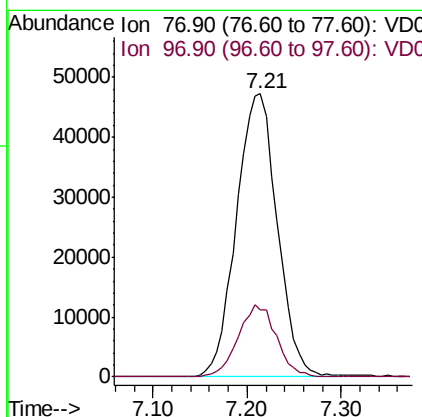
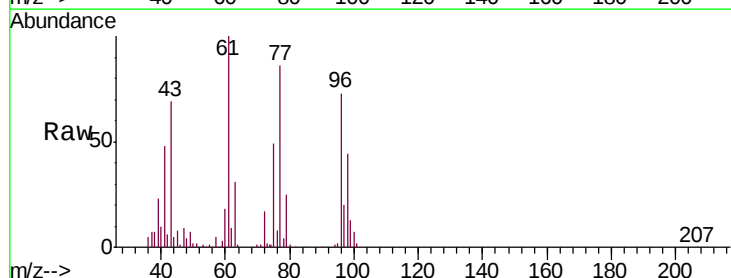
Acq: 10 Mar 2020 13:59

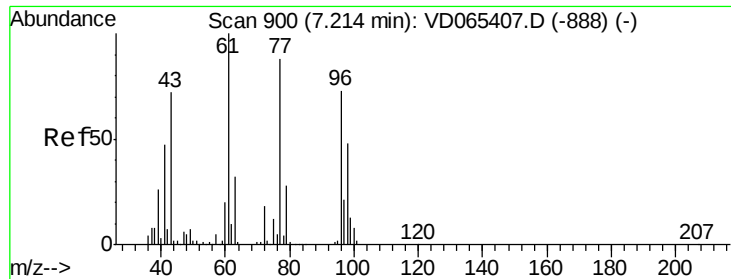
Tgt Ion: 77 Resp: 142437

Ion Ratio Lower Upper

77 100

97 23.8 11.8 35.4

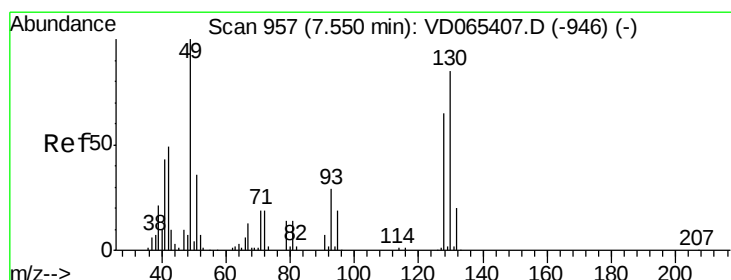
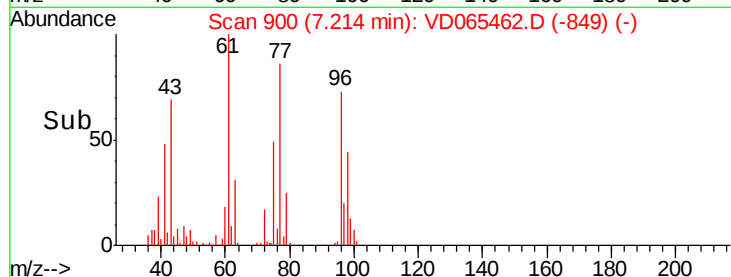
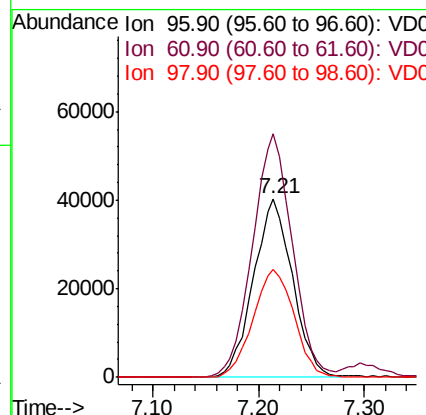
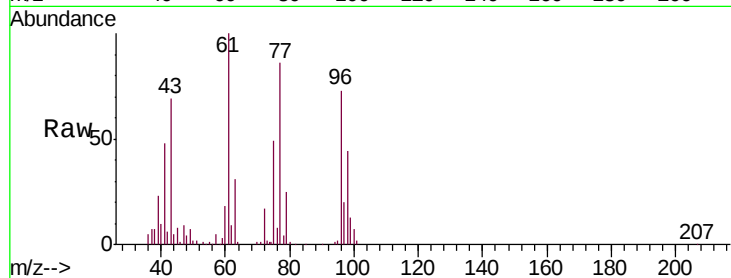




#27
 cis-1,2-Dichloroethene
 Concen: 21.524 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD065462.D
 Acq: 10 Mar 2020 13:59

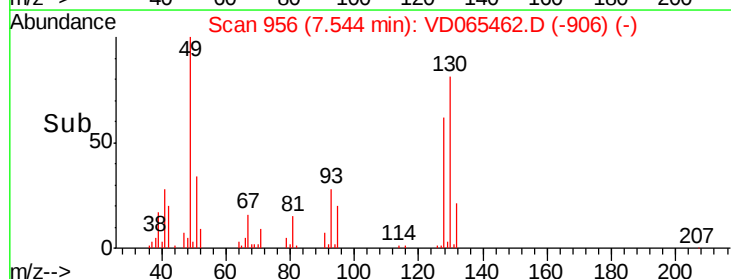
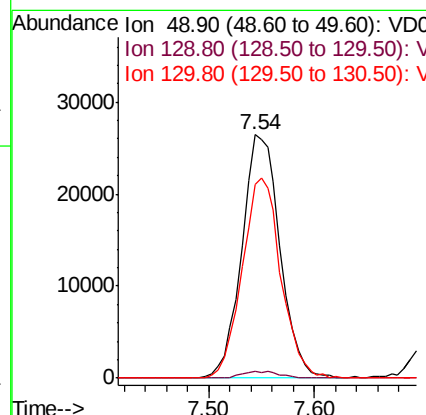
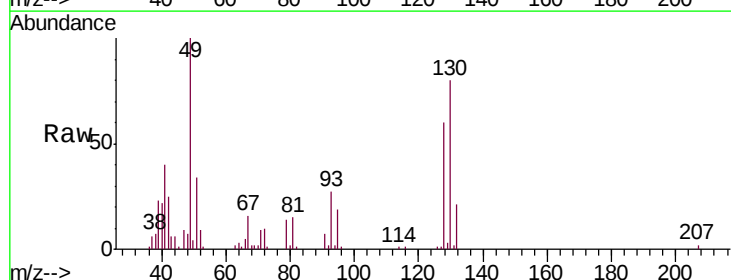
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0310SBSD01

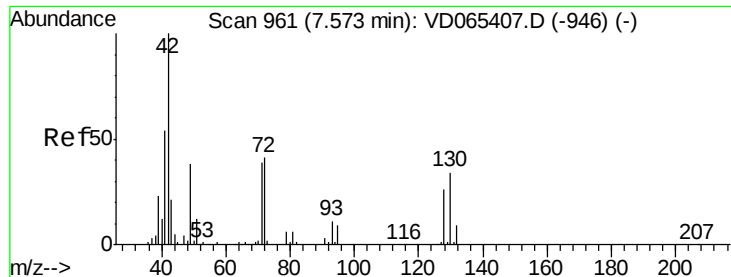
Tgt Ion: 96 Resp: 103719
 Ion Ratio Lower Upper
 96 100
 61 138.7 0.0 280.4
 98 63.2 0.0 132.6



#28
 Bromochloromethane
 Concen: 21.366 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD065462.D
 Acq: 10 Mar 2020 13:59

Tgt Ion: 49 Resp: 66356
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.6
 130 83.2 66.6 100.0

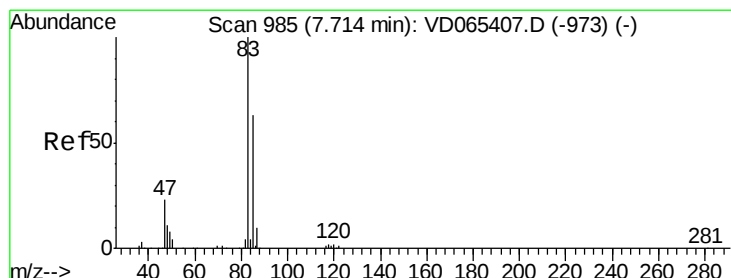
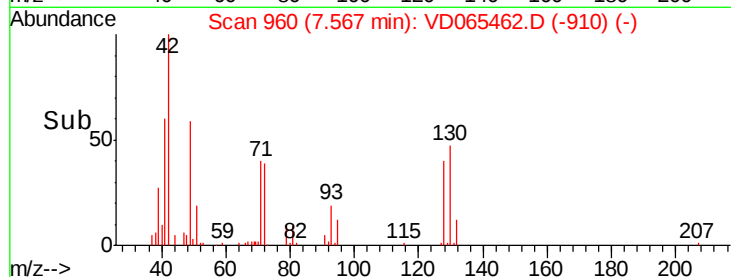
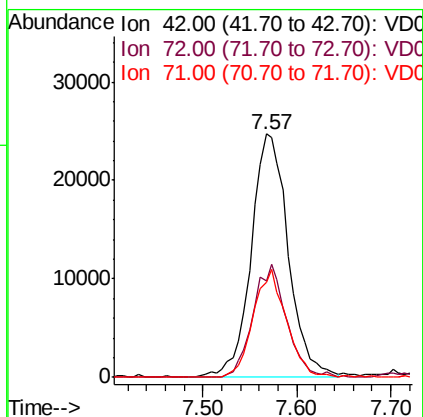
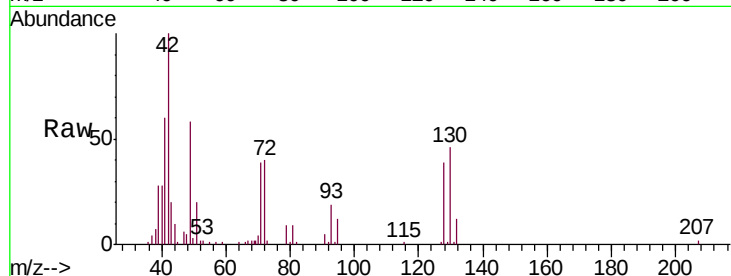




#29
Tetrahydrofuran
Concen: 97.835 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

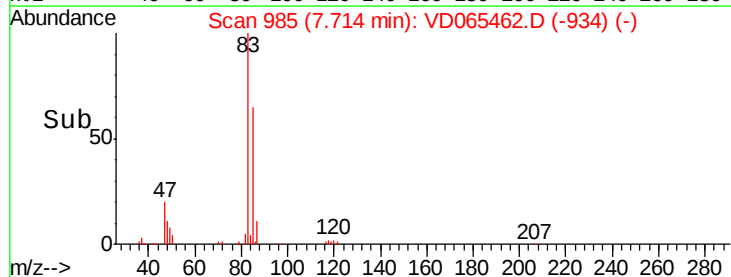
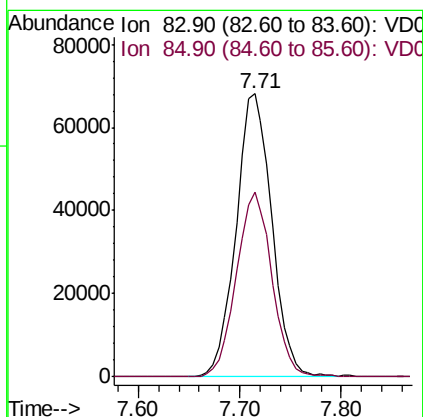
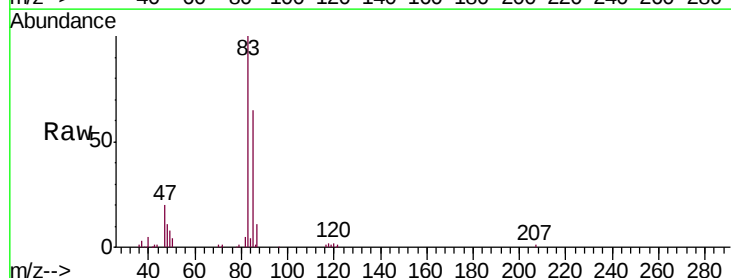
Instrument :
MSVOA_D
ClientSampleId :
VD0310SBSD01

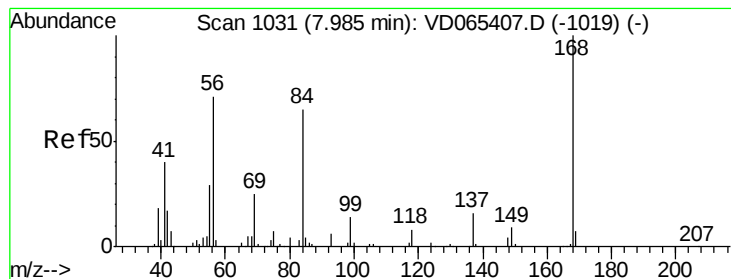
Tgt Ion: 42 Resp: 67401
Ion Ratio Lower Upper
42 100
72 42.5 33.0 49.6
71 39.6 32.0 48.0



#30
Chloroform
Concen: 21.465 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

Tgt Ion: 83 Resp: 166541
Ion Ratio Lower Upper
83 100
85 65.3 50.3 75.5





#31

Cyclohexane

Concen: 19.987 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBS01

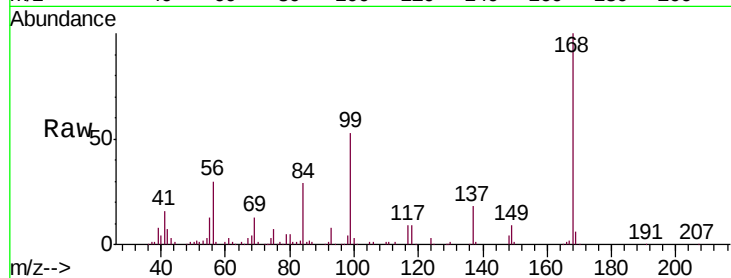
Tgt Ion: 56 Resp: 155137

Ion Ratio Lower Upper

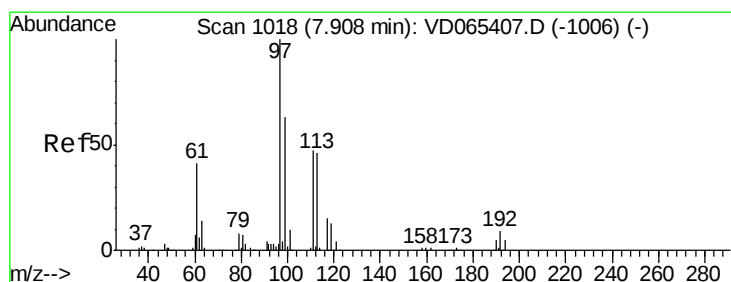
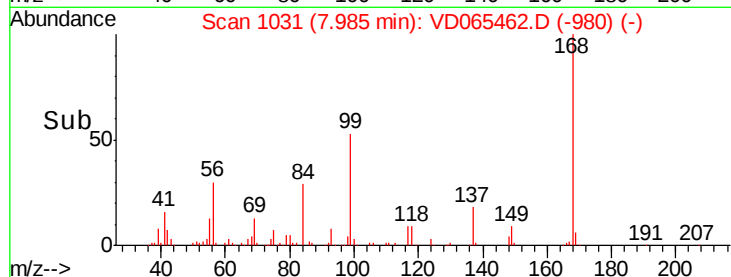
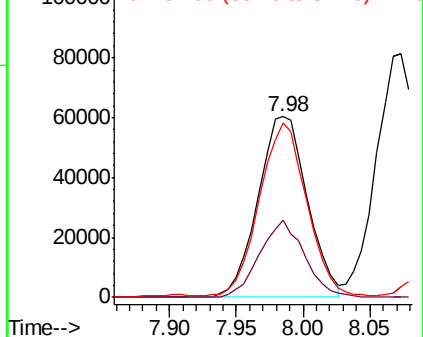
56 100

69 43.0 28.3 42.5#

84 95.5 73.1 109.7



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 21.111 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

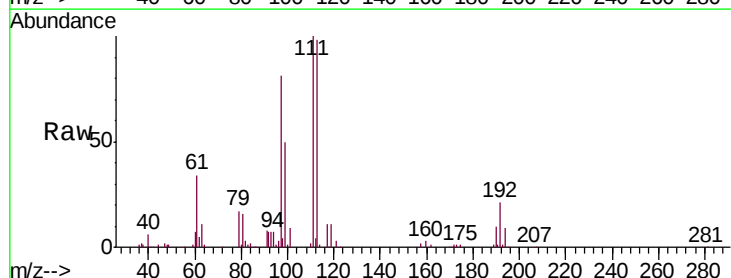
Tgt Ion: 97 Resp: 151363

Ion Ratio Lower Upper

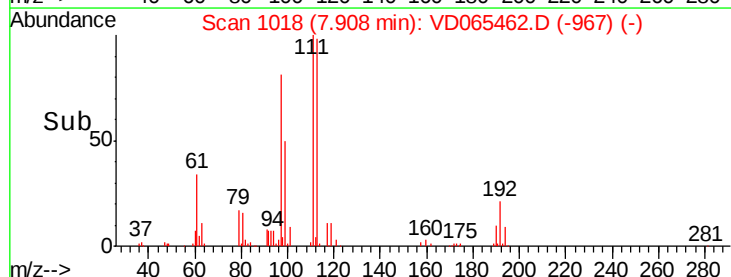
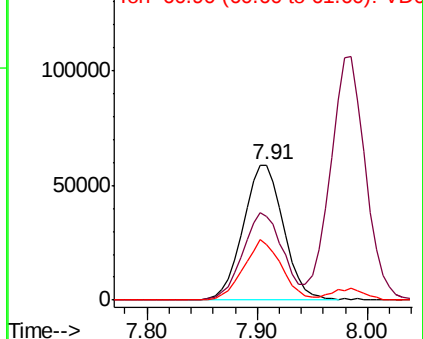
97 100

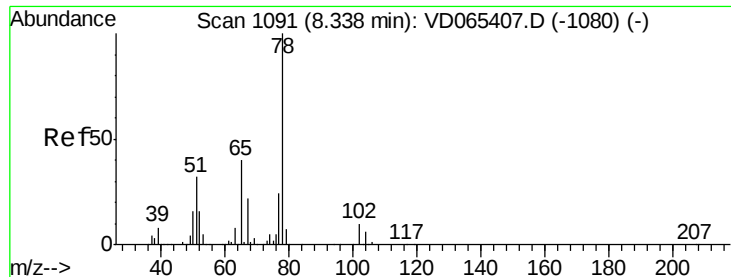
99 64.8 50.9 76.3

61 42.1 33.2 49.8



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 50.927 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

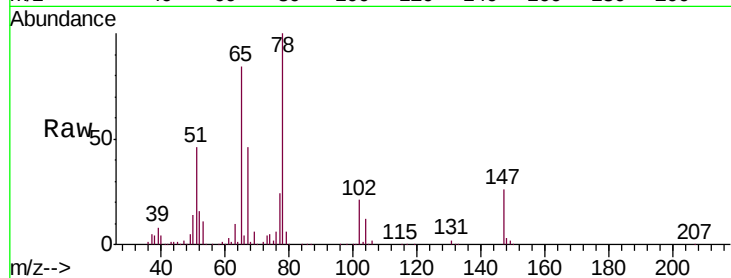
VD0310SBSD01

Tgt Ion: 65 Resp: 199063

Ion Ratio Lower Upper

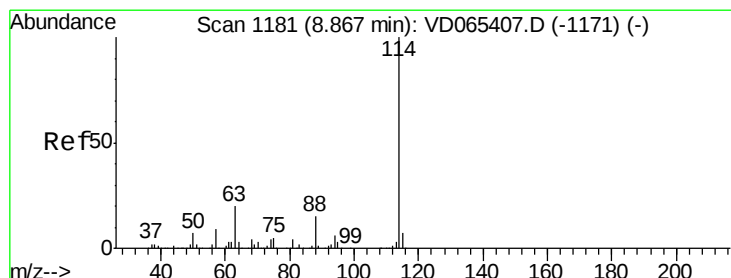
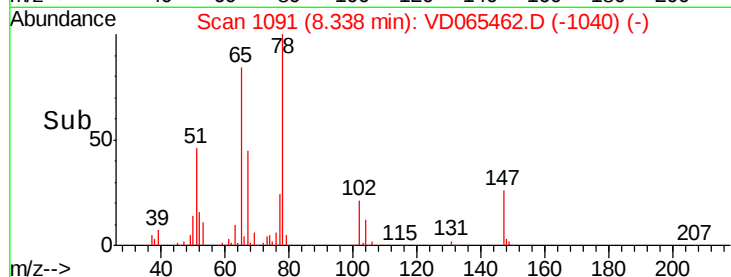
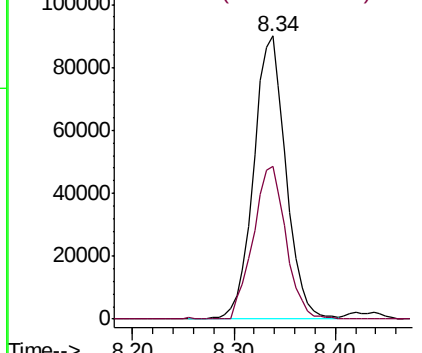
65 100

67 55.4 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

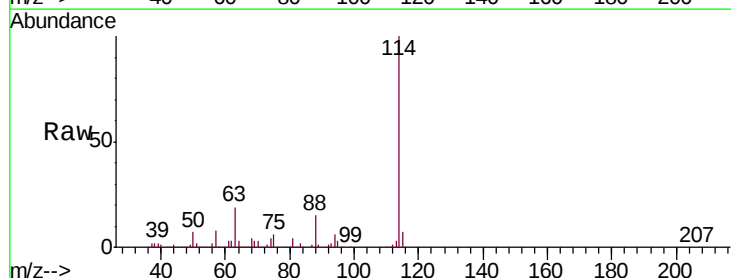
Tgt Ion: 114 Resp: 671654

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

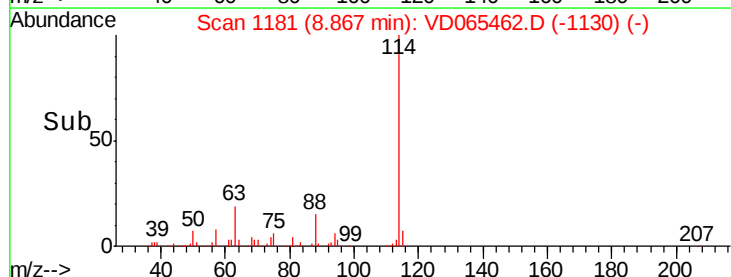
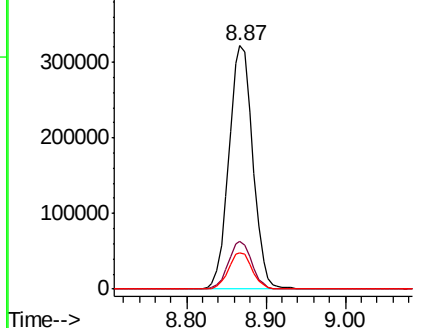
88 14.9 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

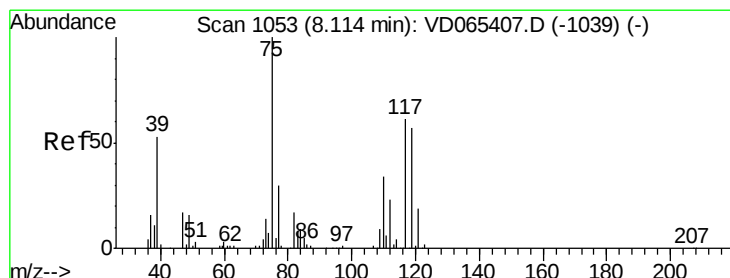
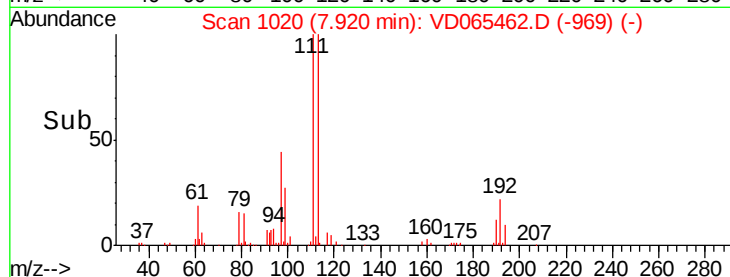
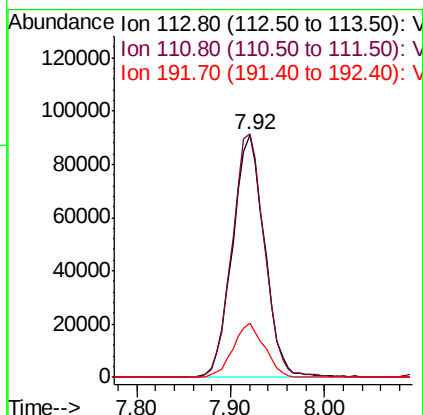
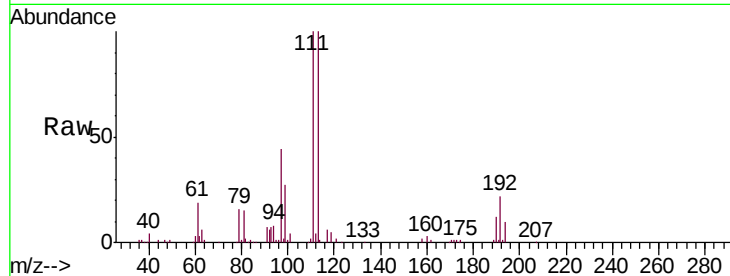




#35
 Dibromofluoromethane
 Concen: 51.861 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065462.D
 Acq: 10 Mar 2020 13:59

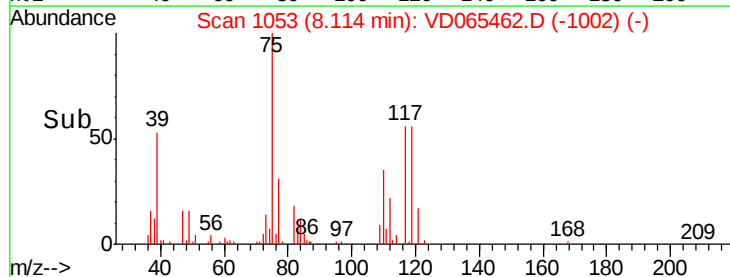
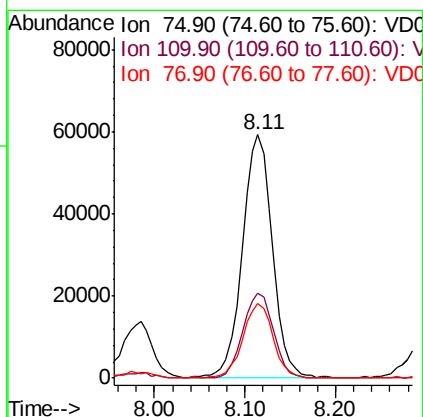
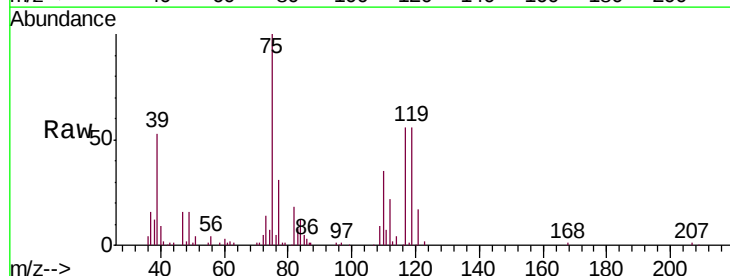
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0310SBSD01

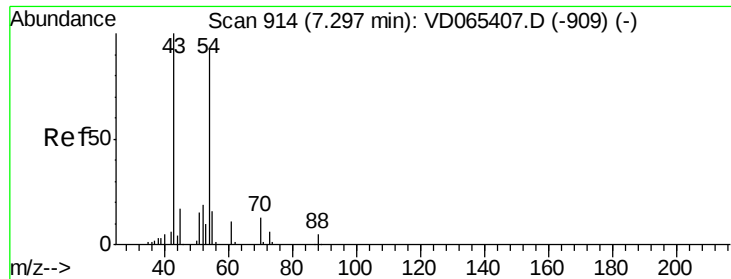
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.1	123.1
192	21.8	17.2	25.8



#36
 1,1-Dichloropropene
 Concen: 21.138 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065462.D
 Acq: 10 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	18.1	54.1
77	30.9	25.2	37.8

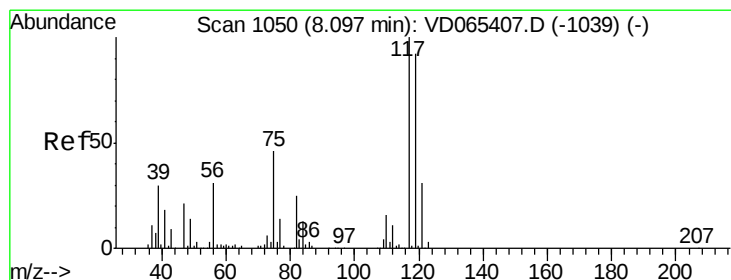
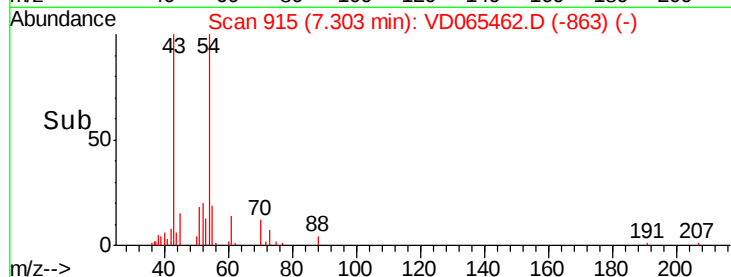
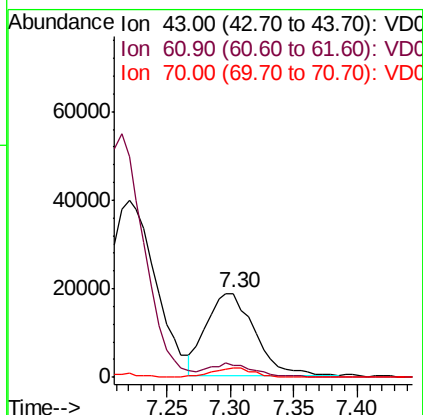
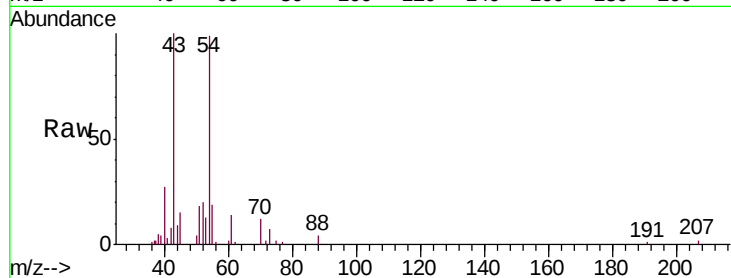




#37
Ethyl Acetate
Concen: 19.842 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

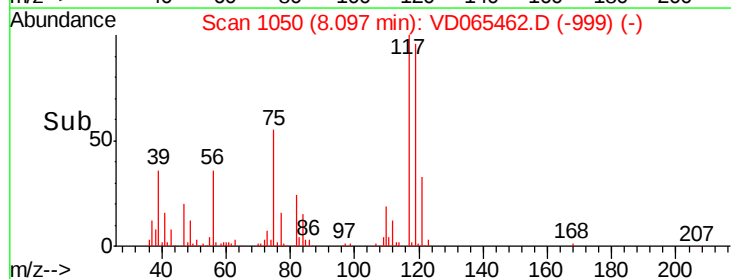
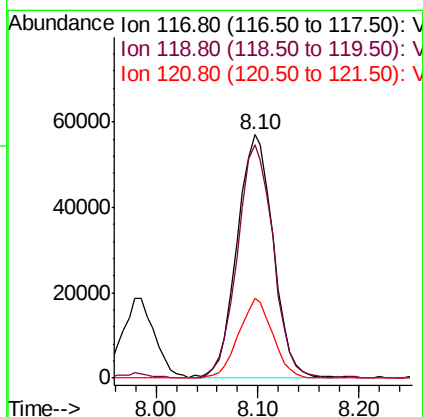
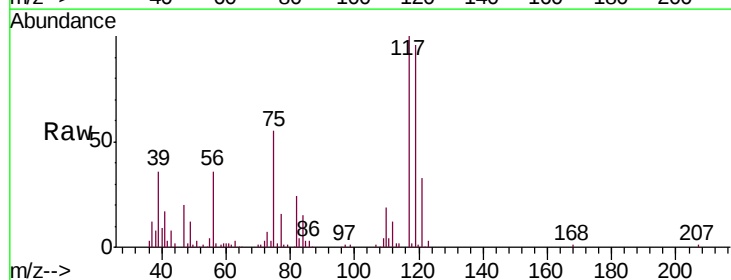
Instrument :
MSVOA_D
ClientSampleId :
VD0310SBSD01

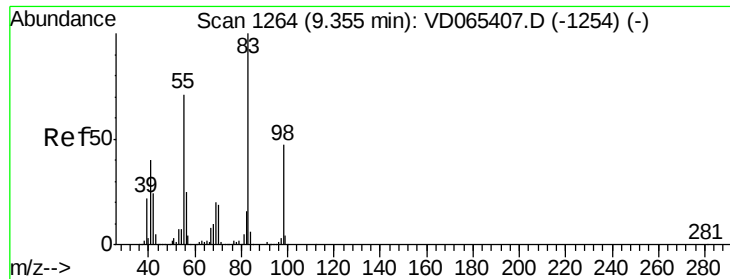
Tgt Ion: 43 Resp: 49376
Ion Ratio Lower Upper
43 100
61 15.5 11.4 17.0
70 10.0 9.0 13.4



#38
Carbon Tetrachloride
Concen: 21.261 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

Tgt Ion: 117 Resp: 141947
Ion Ratio Lower Upper
117 100
119 96.1 73.3 109.9
121 32.8 25.0 37.4

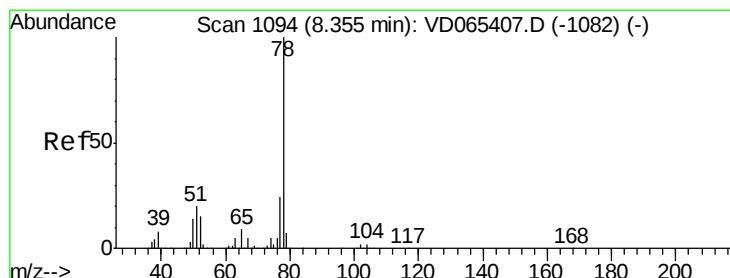
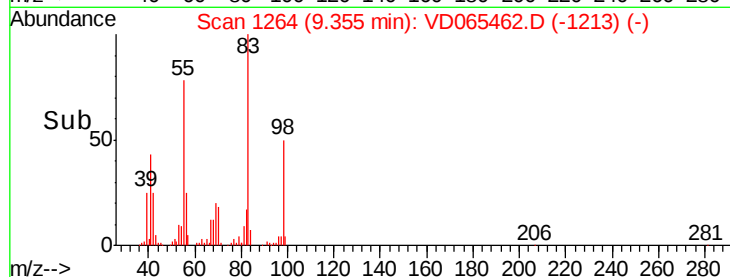
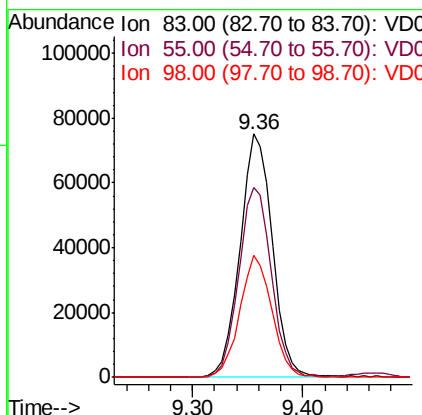
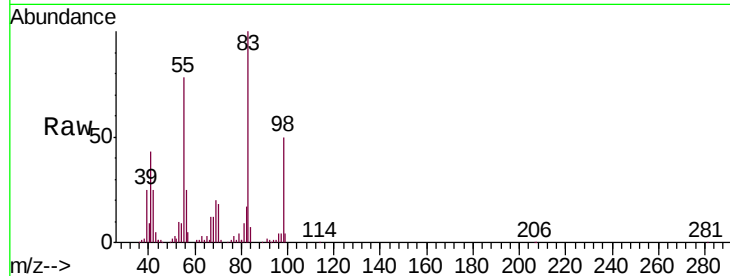




#39
Methylcyclohexane
Concen: 19.917 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

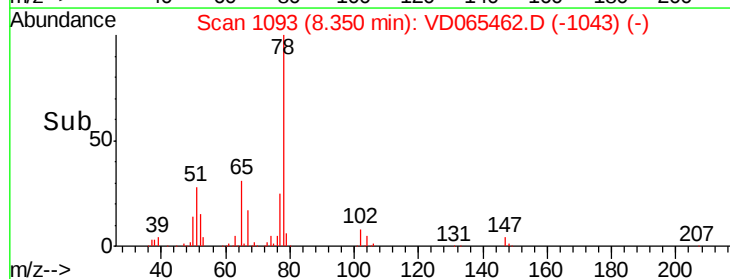
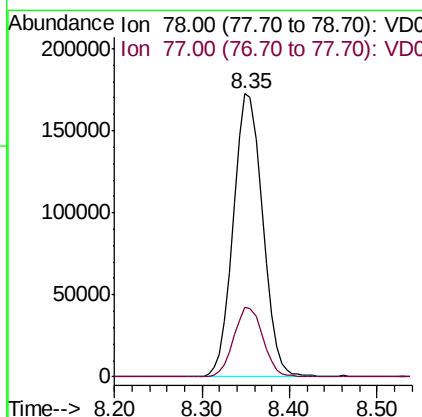
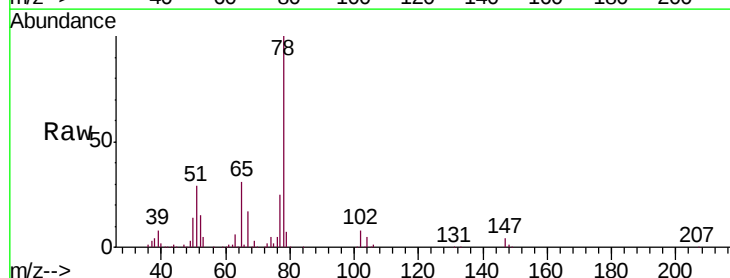
Instrument :
MSVOA_D
ClientSampleId :
VD0310SBSD01

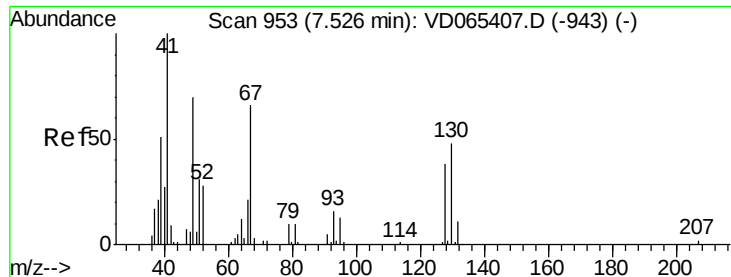
Tgt Ion: 83 Resp: 154873
Ion Ratio Lower Upper
83 100
55 78.0 57.1 85.7
98 50.3 37.8 56.8



#40
Benzene
Concen: 21.853 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

Tgt Ion: 78 Resp: 393372
Ion Ratio Lower Upper
78 100
77 24.7 19.4 29.0





#41

Methacrylonitrile

Concen: 20.527 ug/l

RT: 7.53 min Scan# 954

Delta R.T. 0.01 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBS01

Tgt Ion: 41 Resp: 27014

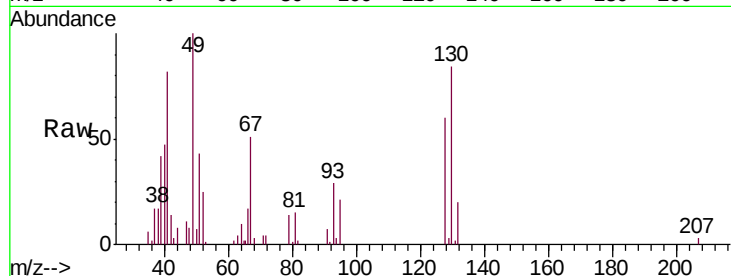
Ion Ratio Lower Upper

41 100

39 46.8 55.0 82.6#

67 73.8 70.3 105.5

52 32.0 30.7 46.1

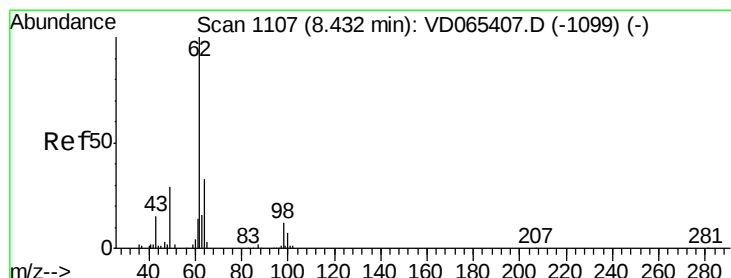
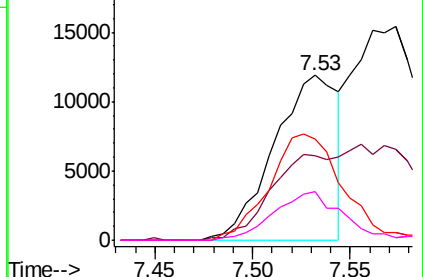
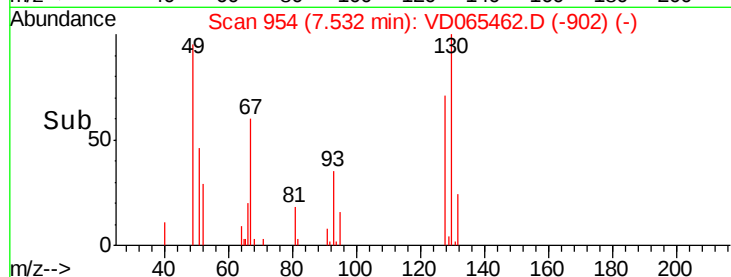


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 21.840 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VD065462.D

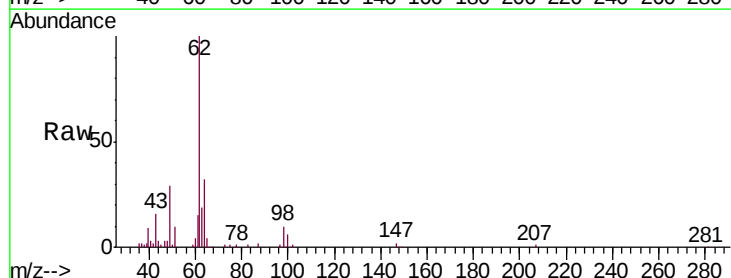
Acq: 10 Mar 2020 13:59

Tgt Ion: 62 Resp: 102659

Ion Ratio Lower Upper

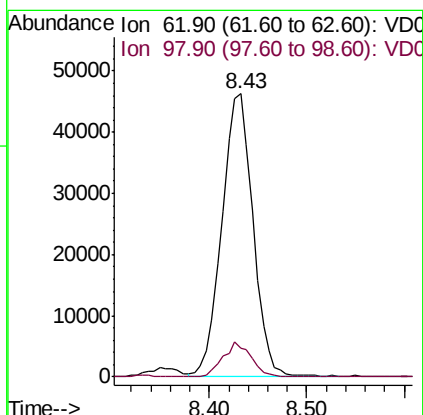
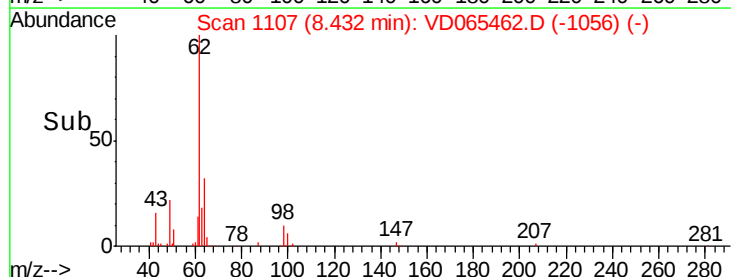
62 100

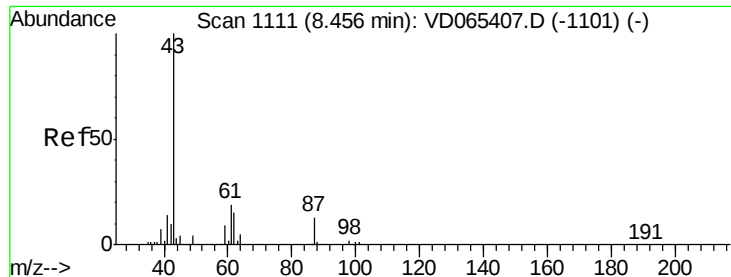
98 11.0 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 20.377 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBS01

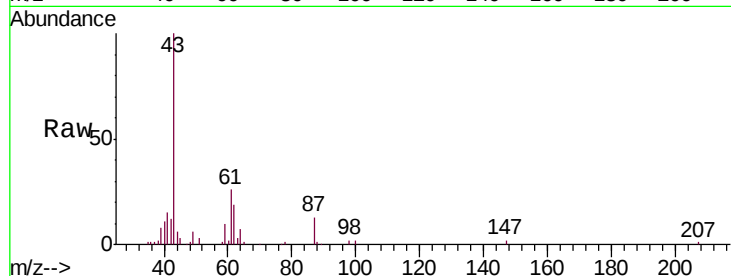
Tgt Ion: 43 Resp: 93627

Ion Ratio Lower Upper

43 100

61 32.5 25.0 37.6

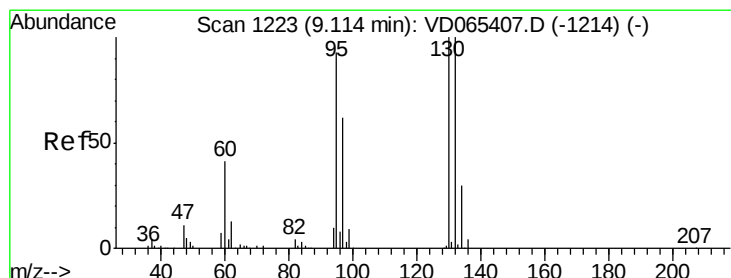
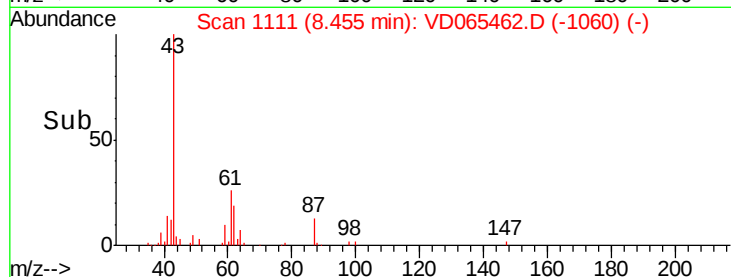
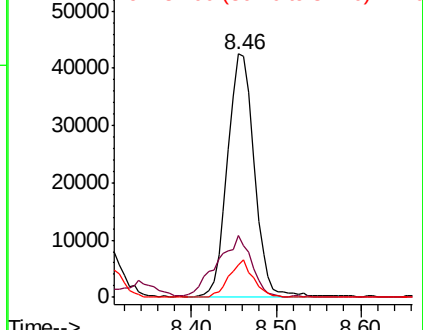
87 13.6 11.0 16.4



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: 20.858 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065462.D

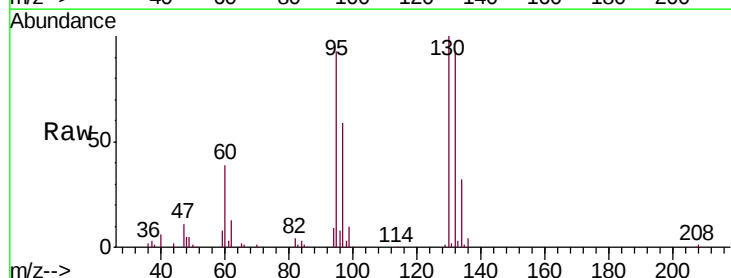
Acq: 10 Mar 2020 13:59

Tgt Ion: 130 Resp: 106035

Ion Ratio Lower Upper

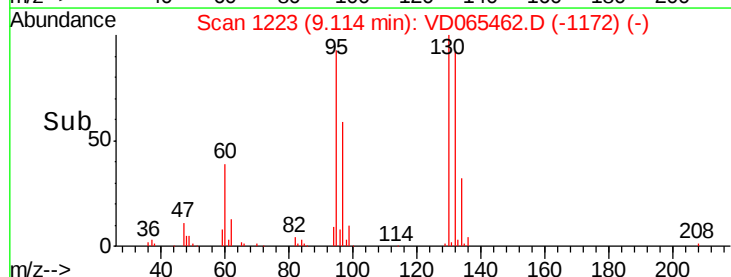
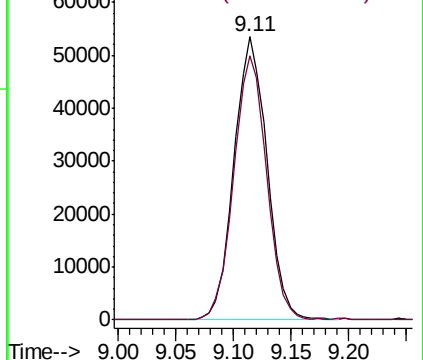
130 100

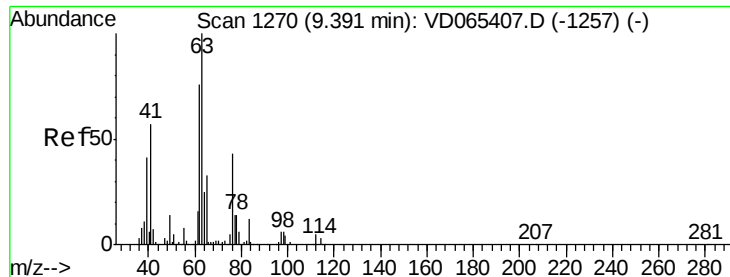
95 93.1 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

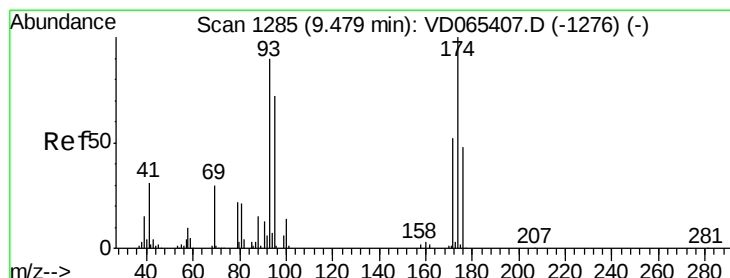
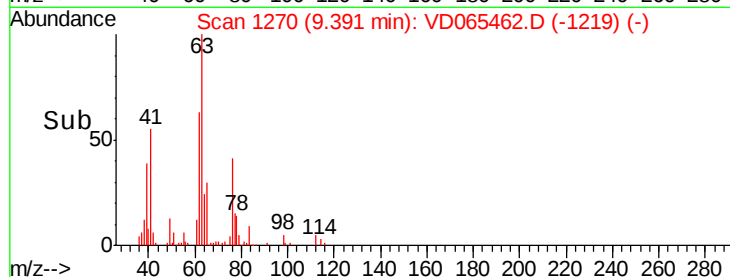
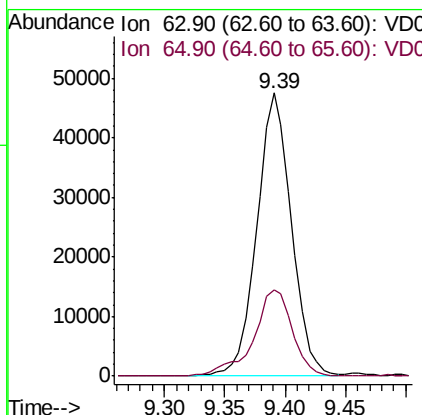
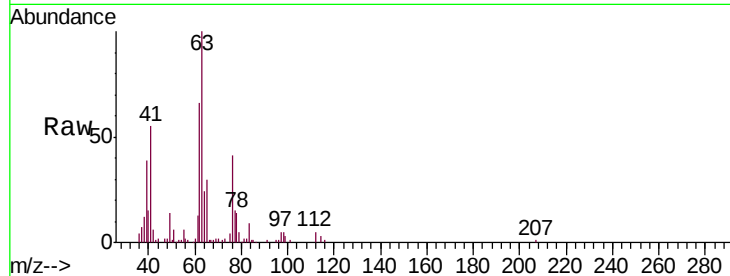




#45
 1,2-Dichloropropane
 Concen: 21.726 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065462.D
 Acq: 10 Mar 2020 13:59

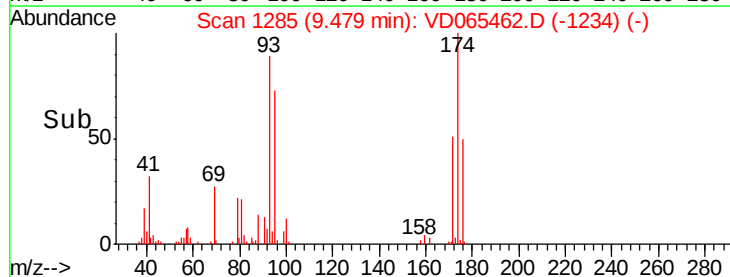
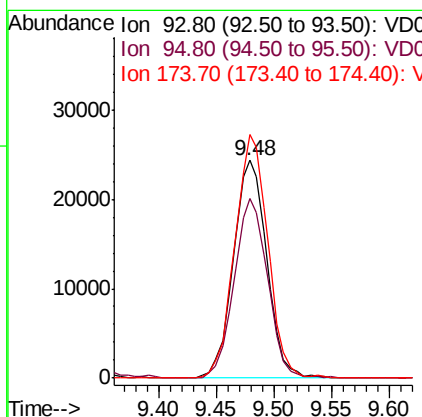
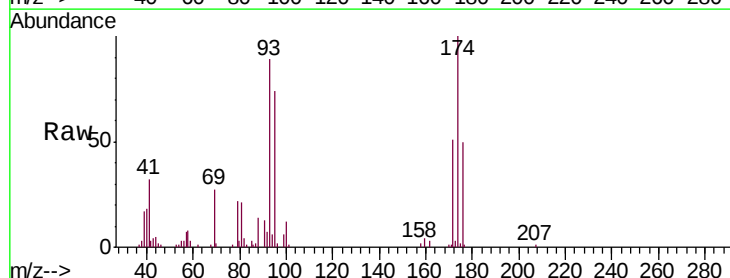
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0310SBSD01

Tgt Ion: 63 Resp: 94734
 Ion Ratio Lower Upper
 63 100
 65 30.3 26.4 39.6



#46
 Dibromomethane
 Concen: 21.582 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065462.D
 Acq: 10 Mar 2020 13:59

Tgt Ion: 93 Resp: 48813
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.0 97.6
 174 110.6 88.3 132.5





#47

Bromodichloromethane

Concen: 21.335 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBS01

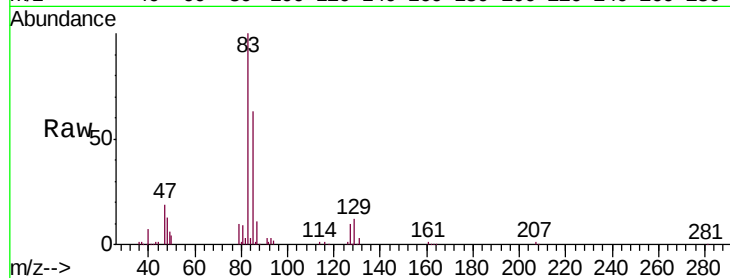
Tgt Ion: 83 Resp: 125539

Ion Ratio Lower Upper

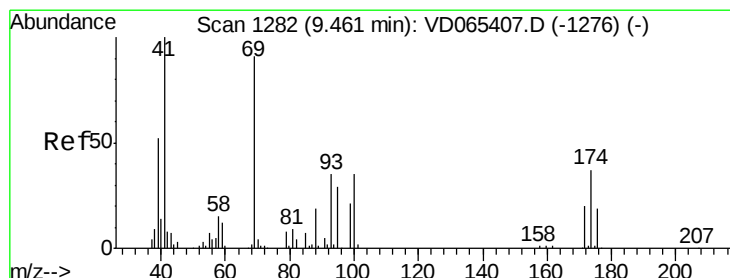
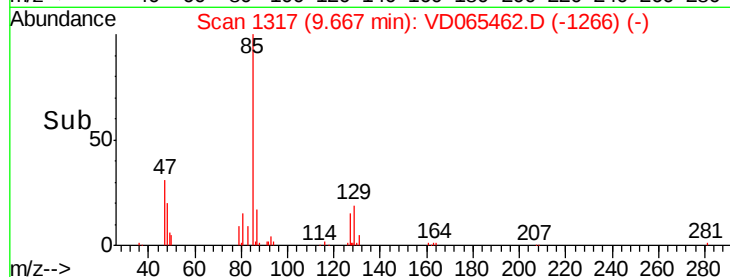
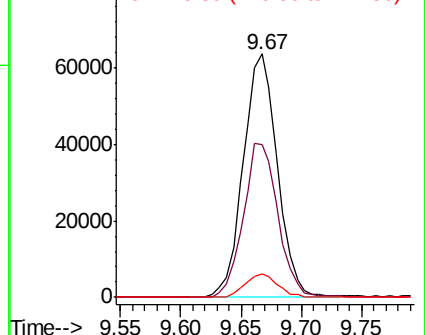
83 100

85 63.0 52.8 79.2

127 9.5 8.0 12.0



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: 21.256 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

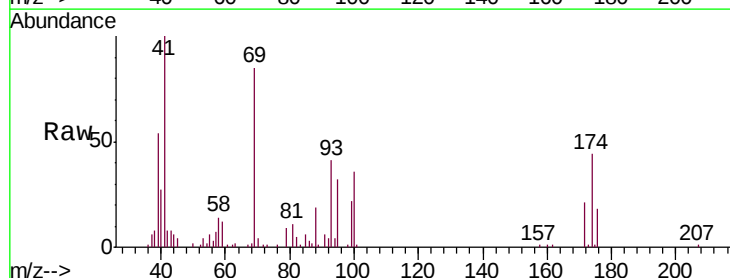
Tgt Ion: 41 Resp: 45941

Ion Ratio Lower Upper

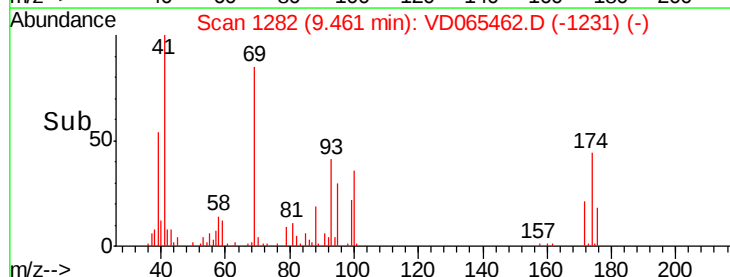
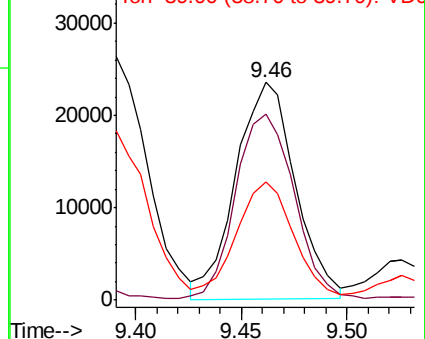
41 100

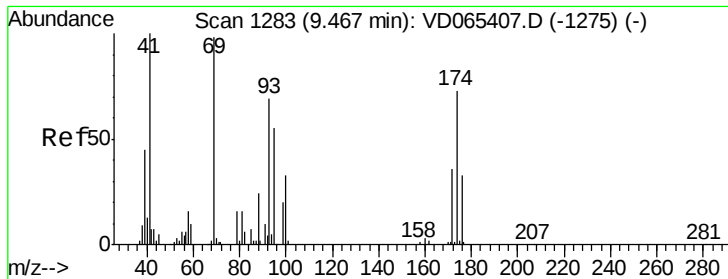
69 83.6 72.5 108.7

39 48.1 41.6 62.4



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

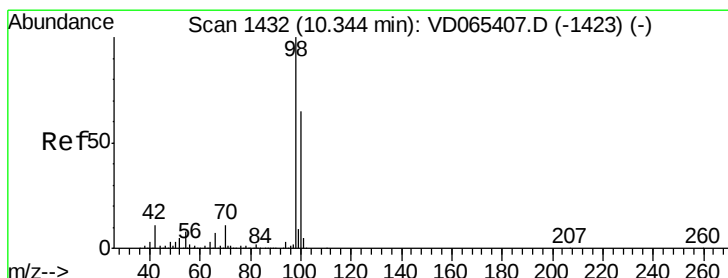
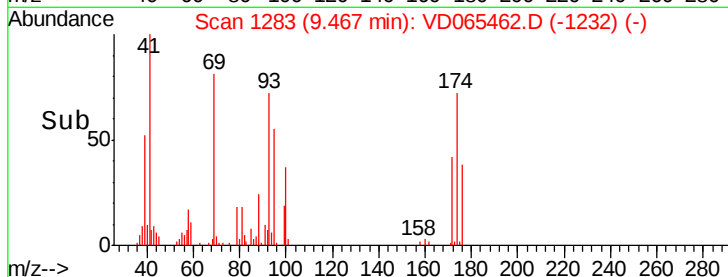
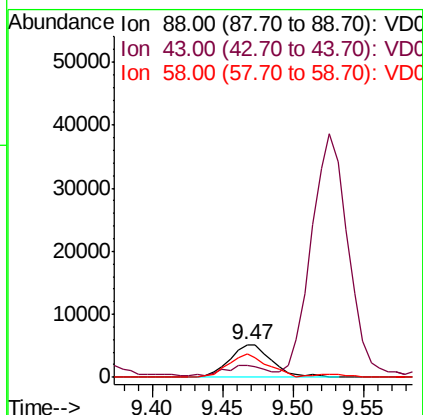
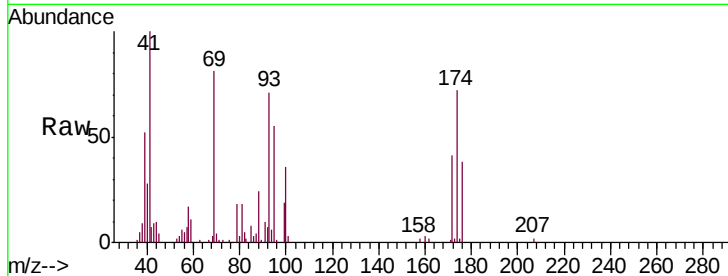




#49
1,4-Dioxane
Concen: 424.560 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

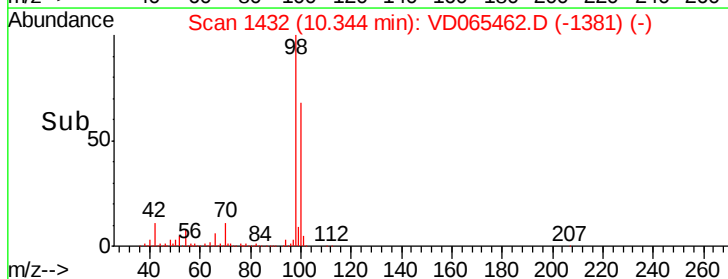
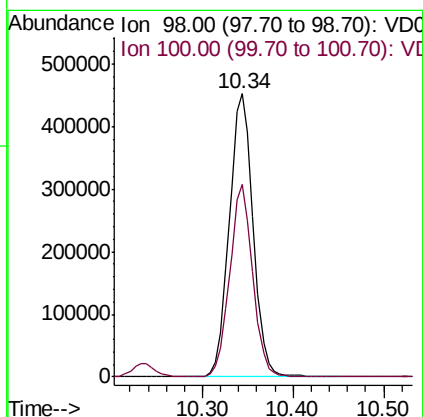
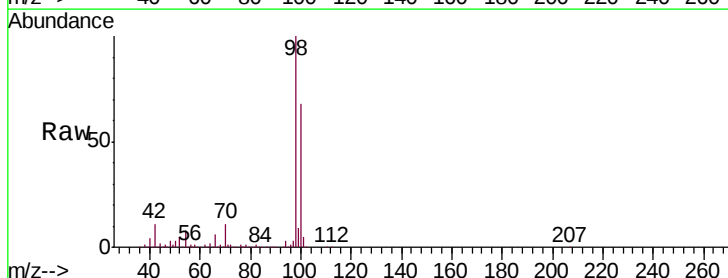
Instrument :
MSVOA_D
ClientSampleId :
VD0310SBSD01

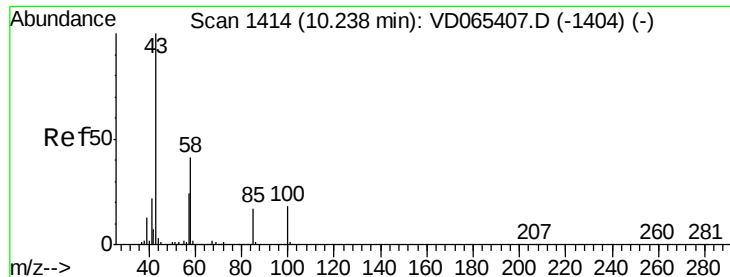
Tgt Ion: 88 Resp: 10984
Ion Ratio Lower Upper
88 100
43 29.8 24.5 36.7
58 68.3 54.5 81.7



#50
Toluene-d8
Concen: 51.882 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

Tgt Ion: 98 Resp: 826719
Ion Ratio Lower Upper
98 100
100 65.4 52.8 79.2

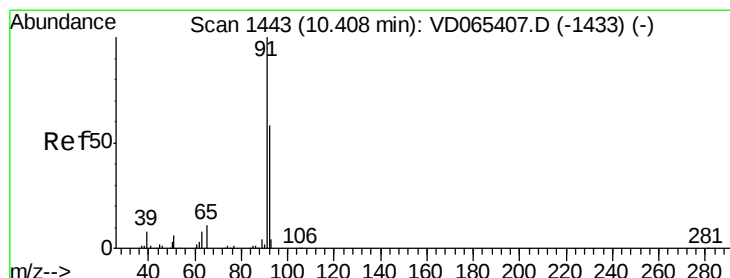
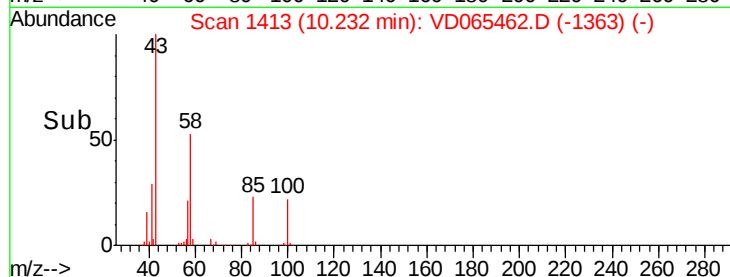
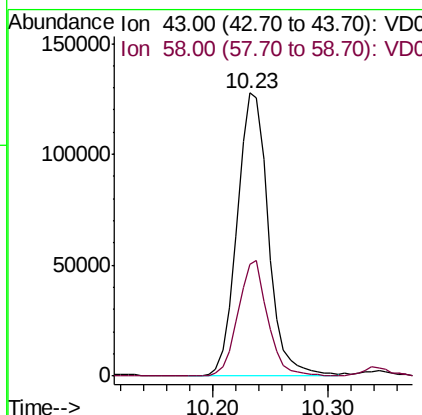
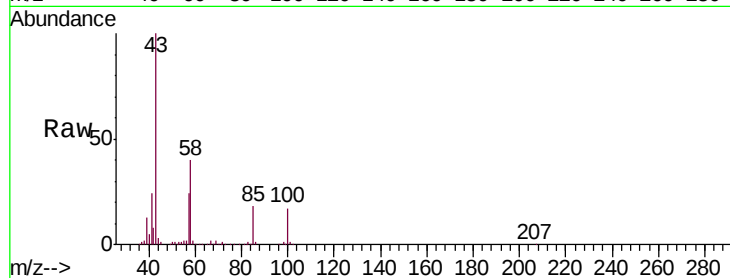




#51
 4-Methyl-2-Pentanone
 Concen: 103.767 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: VD065462.D
 Acq: 10 Mar 2020 13:59

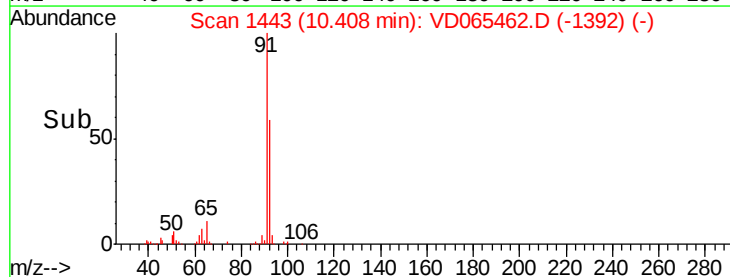
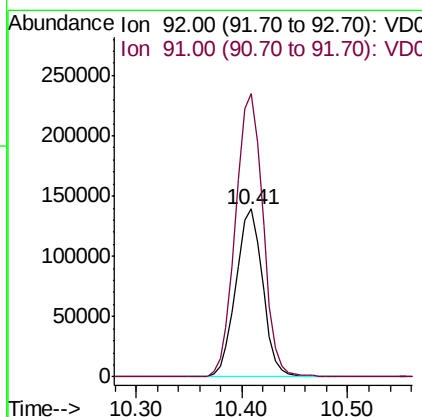
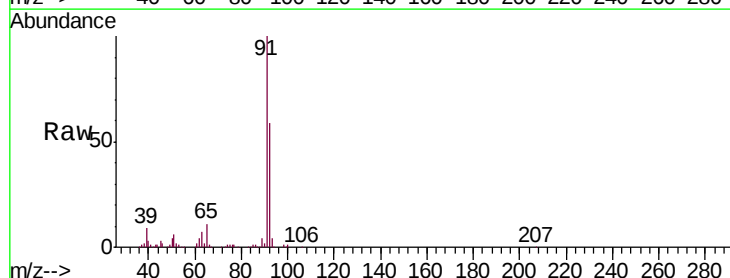
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0310SBSD01

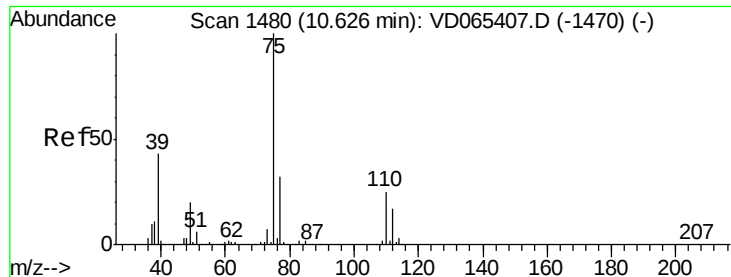
Tgt Ion: 43 Resp: 239931
 Ion Ratio Lower Upper
 43 100
 58 38.7 31.8 47.6



#52
 Toluene
 Concen: 21.633 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD065462.D
 Acq: 10 Mar 2020 13:59

Tgt Ion: 92 Resp: 245325
 Ion Ratio Lower Upper
 92 100
 91 172.9 137.8 206.8

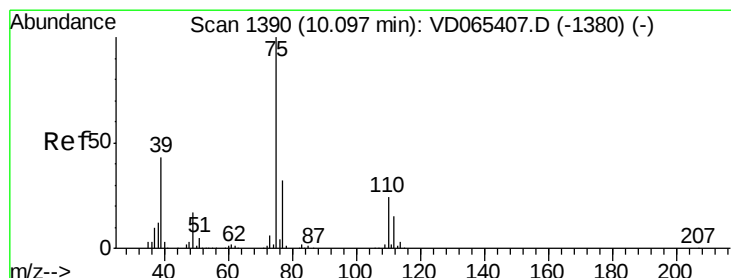
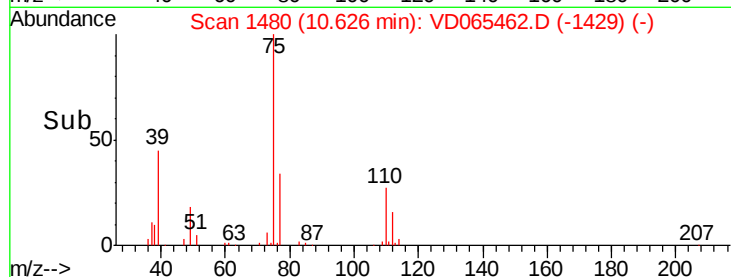
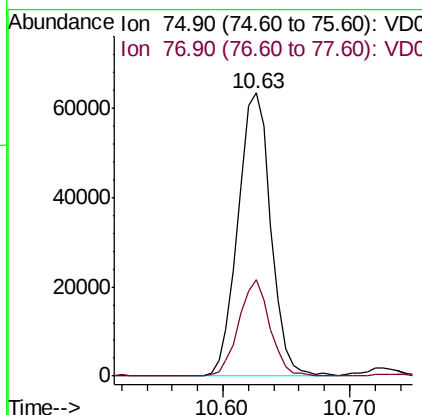
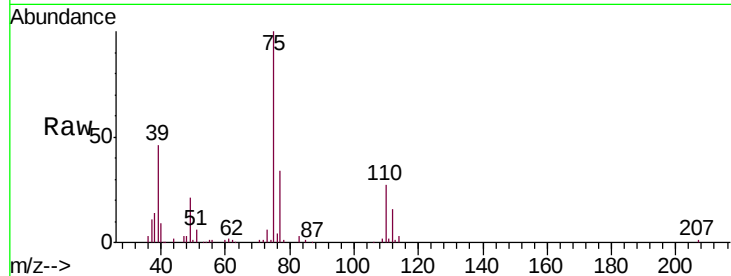




#53
t-1,3-Dichloropropene
Concen: 20.856 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

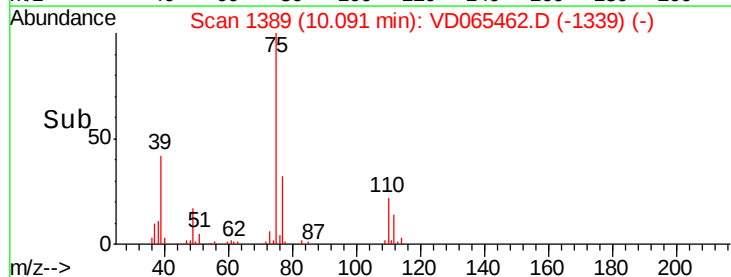
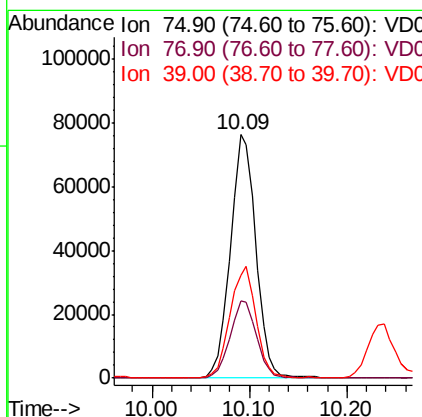
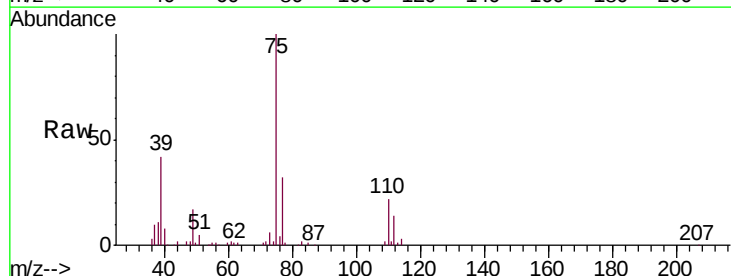
Instrument :
MSVOA_D
ClientSampleId :
VD0310SBSD01

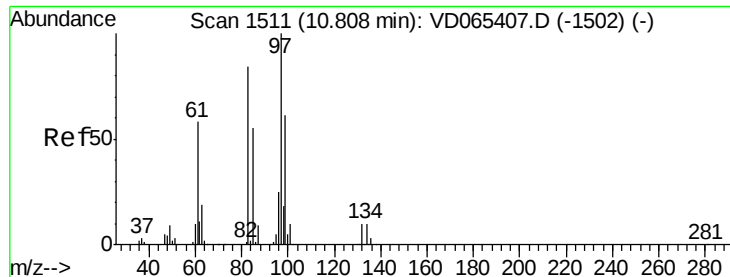
Tgt Ion: 75 Resp: 114681
Ion Ratio Lower Upper
75 100
77 34.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 20.849 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.01 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

Tgt Ion: 75 Resp: 138768
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
39 42.0 34.6 52.0

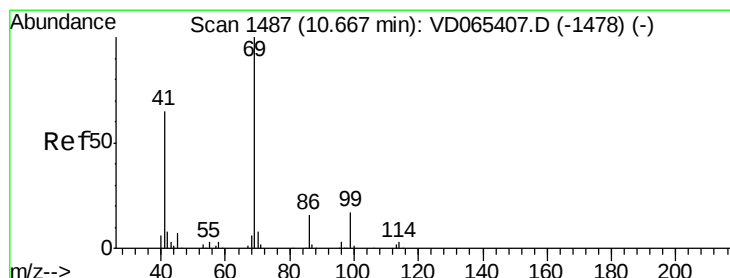
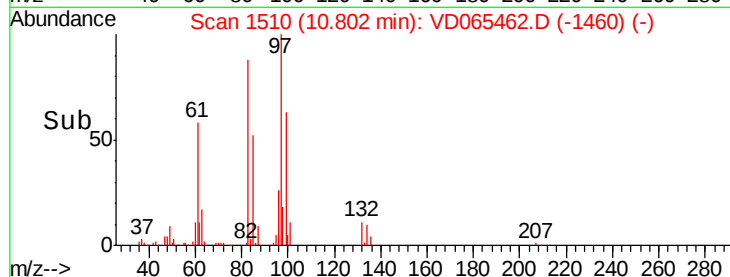
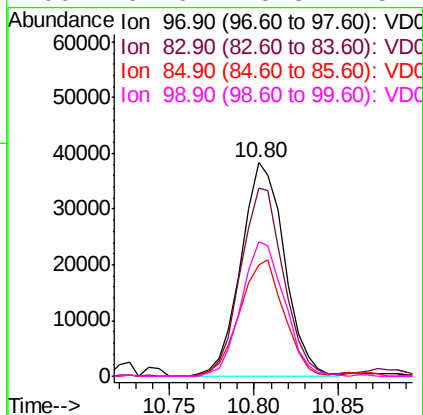
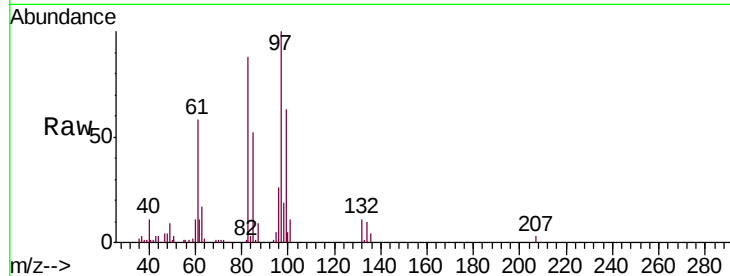




#55
 1,1,2-Trichloroethane
 Concen: 21.447 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065462.D
 Acq: 10 Mar 2020 13:59

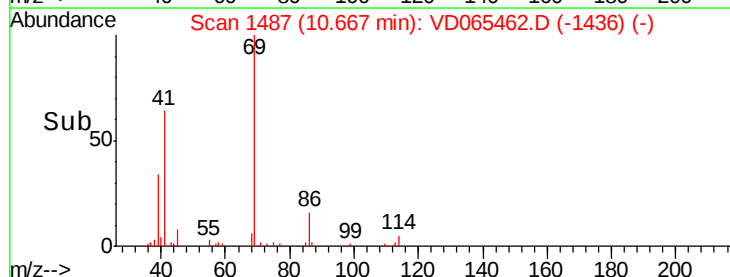
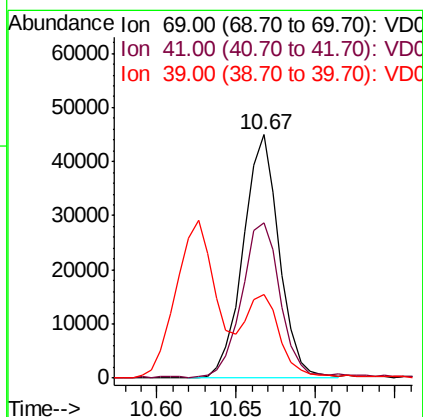
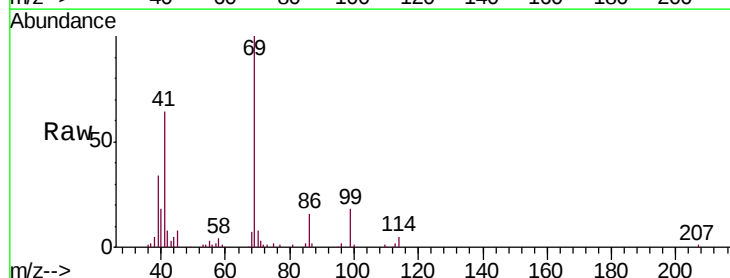
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0310SBSD01

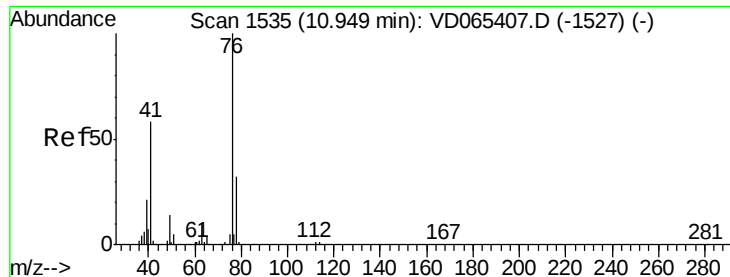
Tgt Ion: 97 Resp: 68703
 Ion Ratio Lower Upper
 97 100
 83 88.0 67.4 101.0
 85 52.1 43.8 65.8
 99 62.6 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 19.612 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065462.D
 Acq: 10 Mar 2020 13:59

Tgt Ion: 69 Resp: 70827
 Ion Ratio Lower Upper
 69 100
 41 68.7 53.0 79.6
 39 33.6 26.0 39.0





#57

1,3-Dichloropropane

Concen: 21.186 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

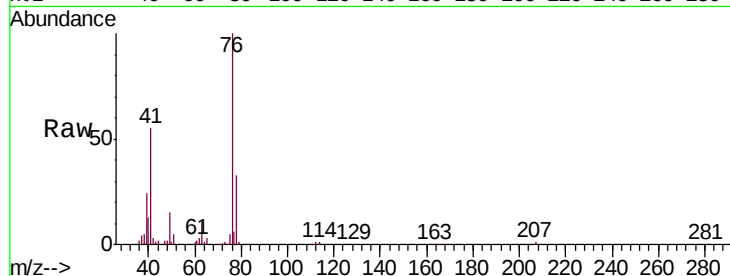
VD0310SBS01

Tgt Ion: 76 Resp: 114830

Ion Ratio Lower Upper

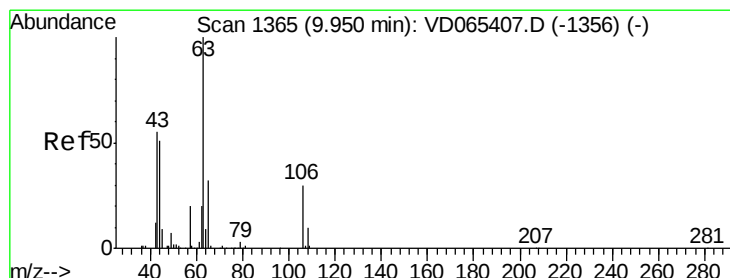
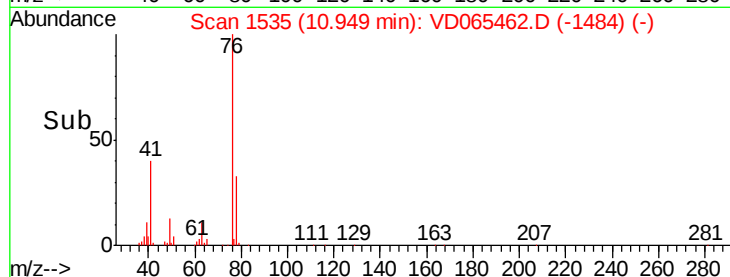
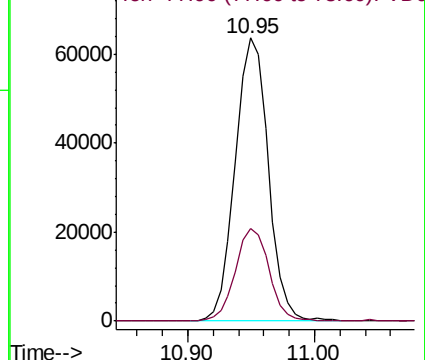
76 100

78 33.2 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 99.488 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD065462.D

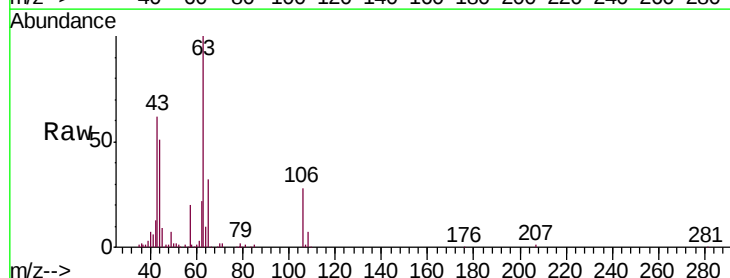
Acq: 10 Mar 2020 13:59

Tgt Ion: 63 Resp: 110798

Ion Ratio Lower Upper

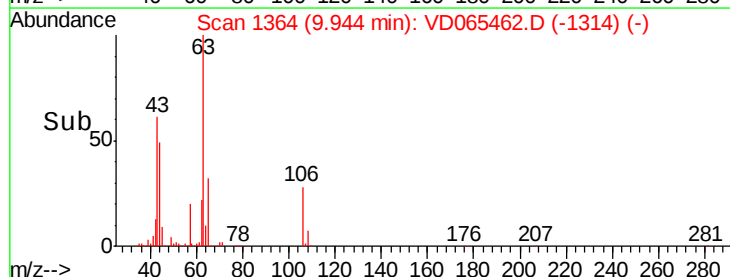
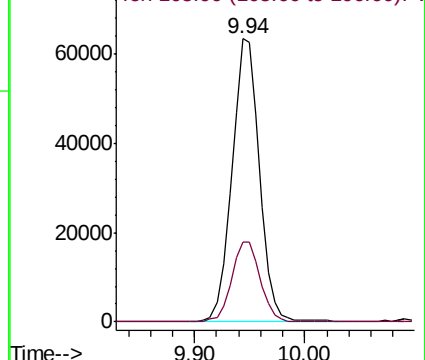
63 100

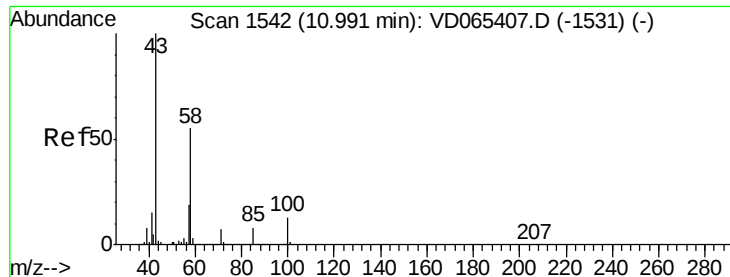
106 29.3 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

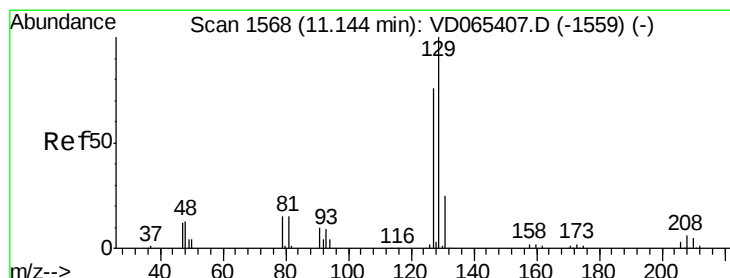
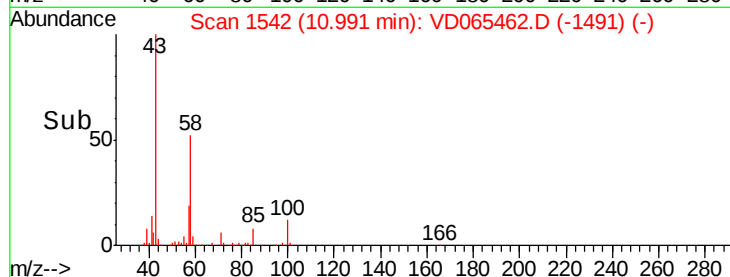
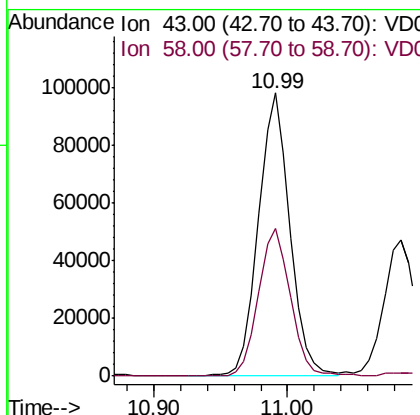
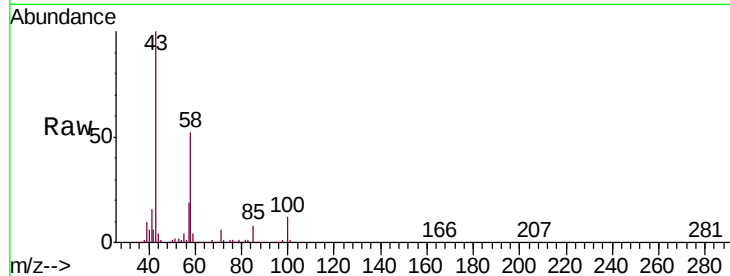




#59
2-Hexanone
Concen: 99.398 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

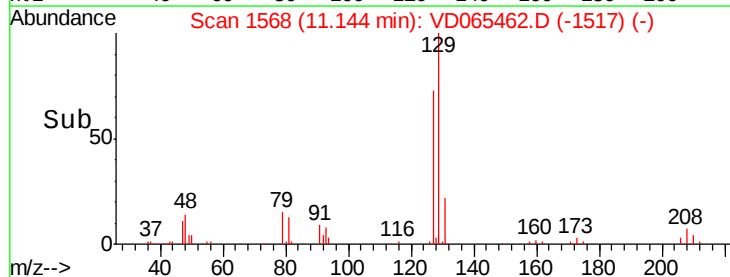
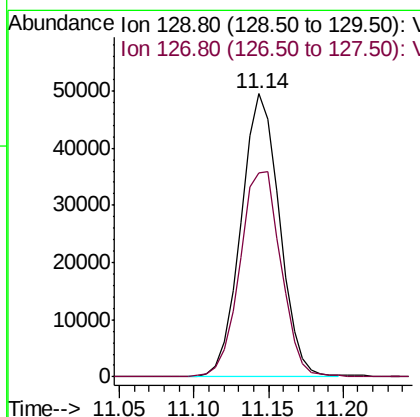
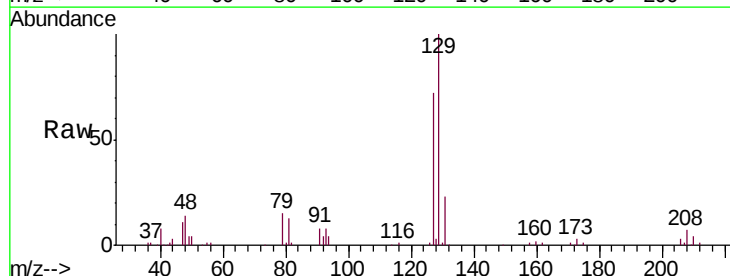
Instrument :
MSVOA_D
ClientSampleId :
VD0310SBS01

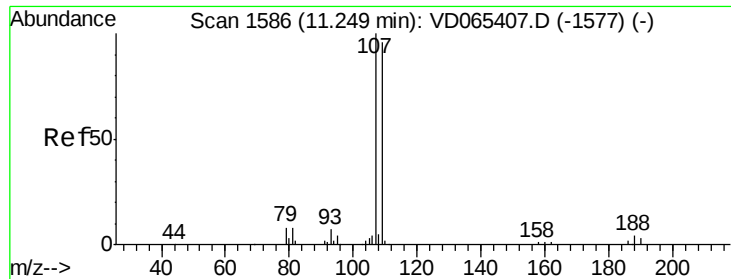
Tgt Ion: 43 Resp: 159097
Ion Ratio Lower Upper
43 100
58 53.2 27.4 82.2



#60
Dibromochloromethane
Concen: 21.581 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

Tgt Ion: 129 Resp: 88618
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5

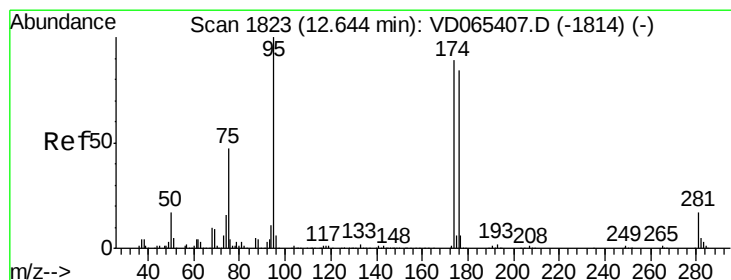
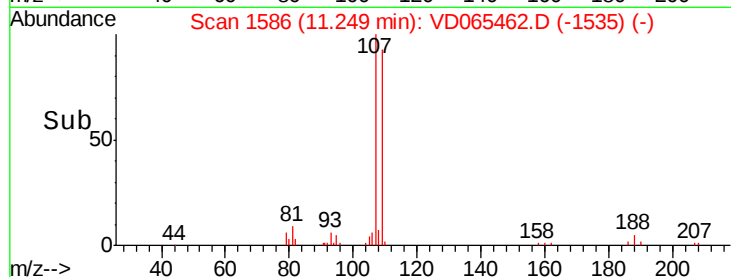
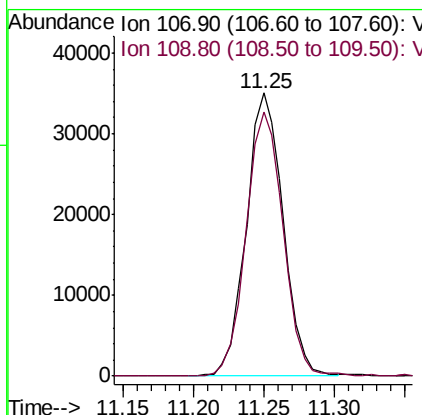
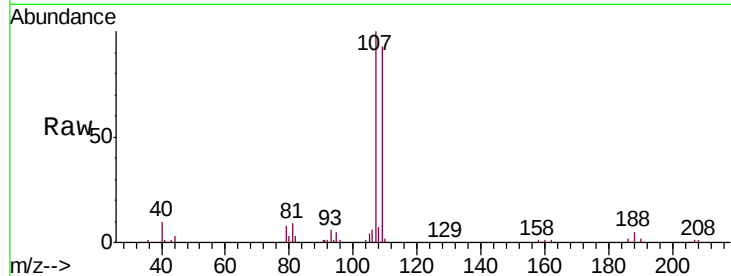




#61
 1,2-Dibromoethane
 Concen: 20.925 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065462.D
 Acq: 10 Mar 2020 13:59

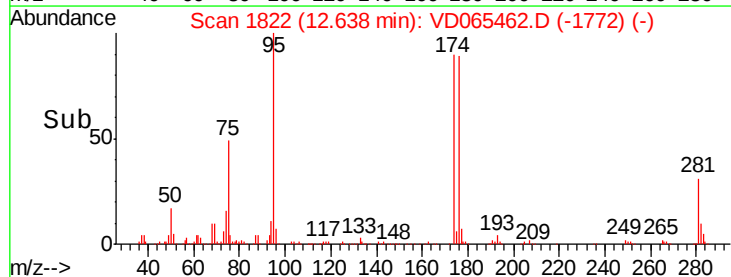
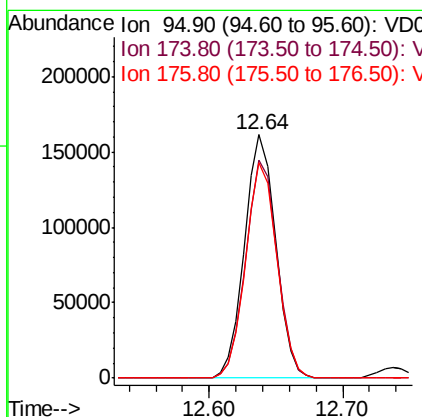
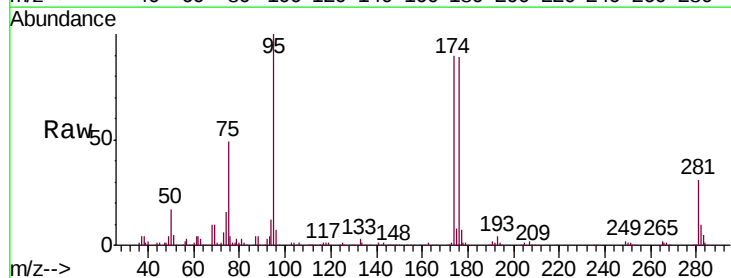
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0310SBSD01

Tgt Ion: 107 Resp: 63937
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 52.972 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: VD065462.D
 Acq: 10 Mar 2020 13:59

Tgt Ion: 95 Resp: 260578
 Ion Ratio Lower Upper
 95 100
 174 90.4 0.0 176.8
 176 88.9 0.0 171.4

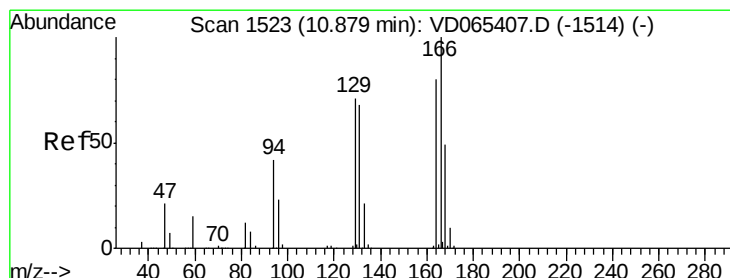
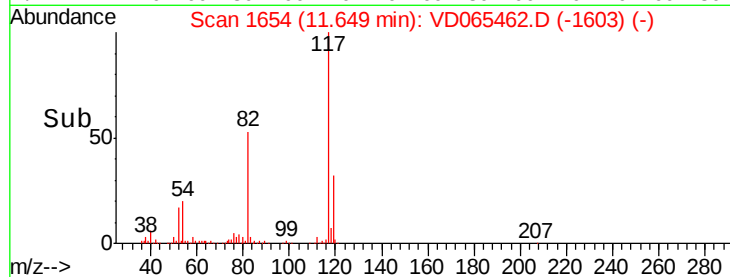
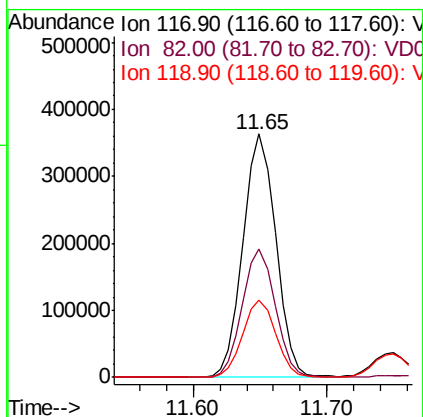
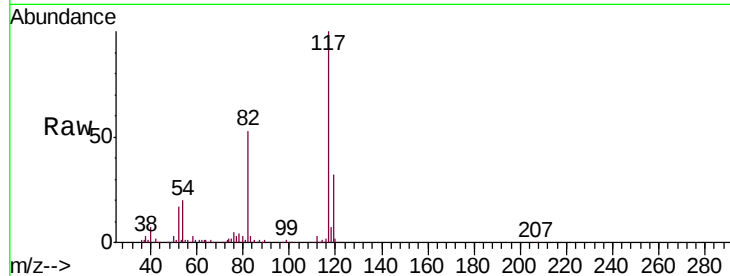




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

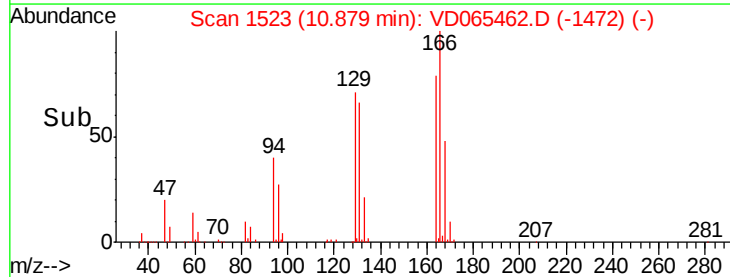
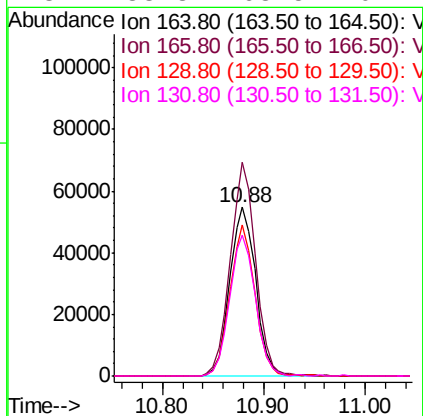
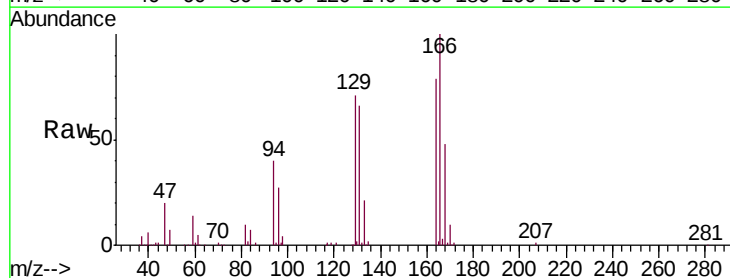
Instrument :
MSVOA_D
ClientSampleId :
VD0310SBSD01

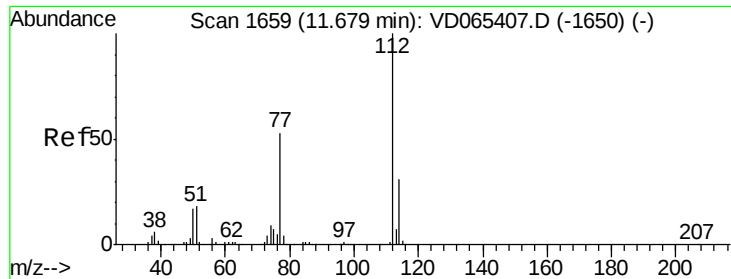
Tgt Ion:117 Resp: 620977
Ion Ratio Lower Upper
117 100
82 52.8 40.6 60.8
119 31.9 25.4 38.2



#64
Tetrachloroethene
Concen: 21.842 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

Tgt Ion:164 Resp: 97190
Ion Ratio Lower Upper
164 100
166 126.8 100.5 150.7
129 89.9 71.5 107.3
131 83.3 68.5 102.7

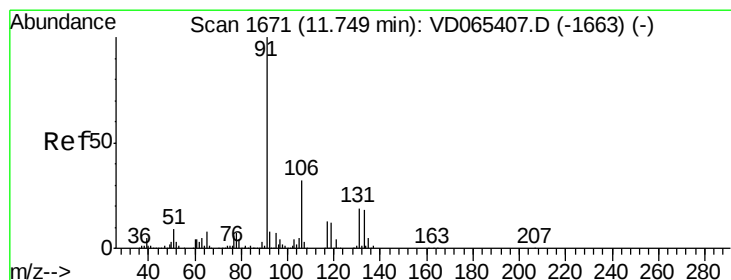
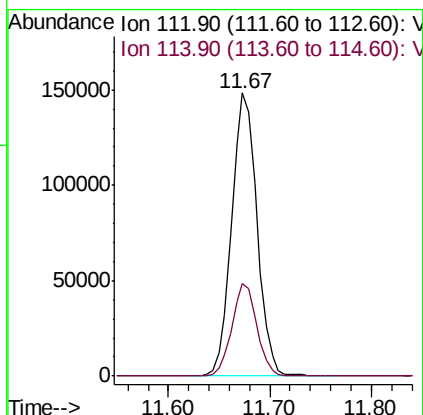
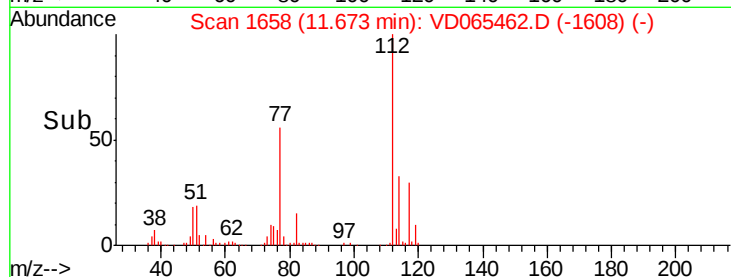
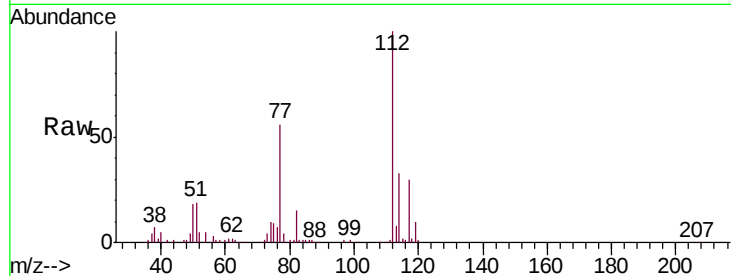




#65
Chlorobenzene
Concen: 20.942 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

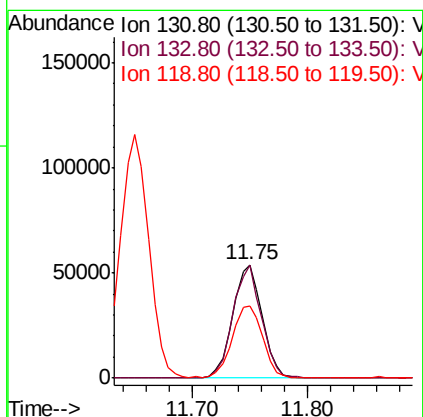
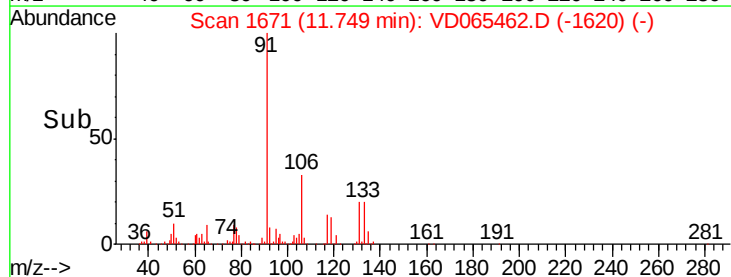
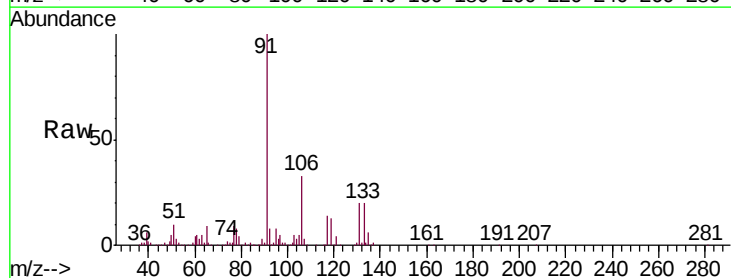
Instrument :
MSVOA_D
ClientSampleId :
VD0310SBSD01

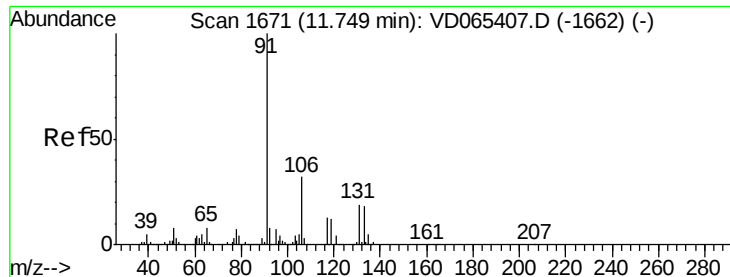
Tgt Ion:112 Resp: 257341
Ion Ratio Lower Upper
112 100
114 32.8 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.210 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

Tgt Ion:131 Resp: 94924
Ion Ratio Lower Upper
131 100
133 97.2 49.2 147.6
119 66.1 33.3 99.8

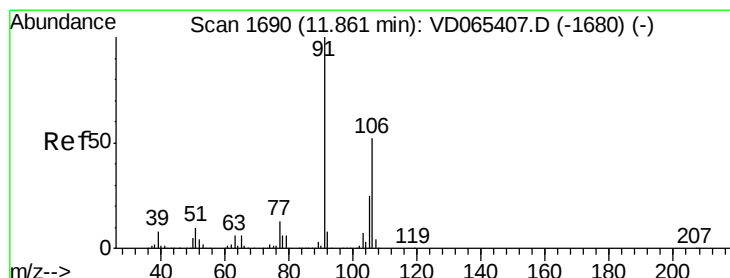
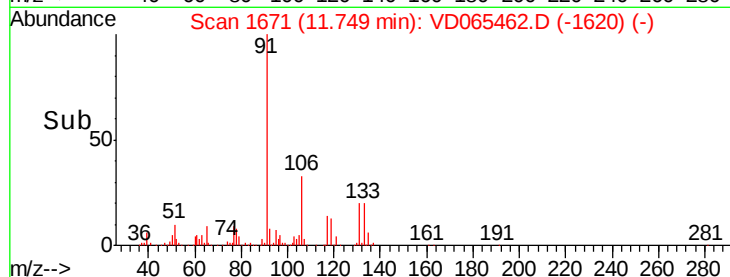
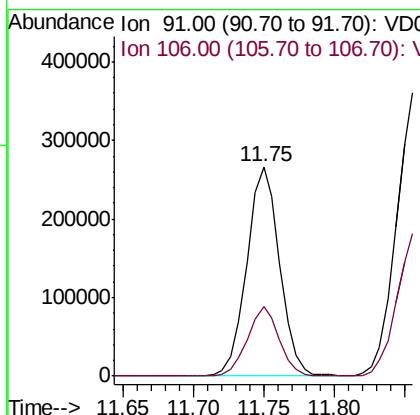
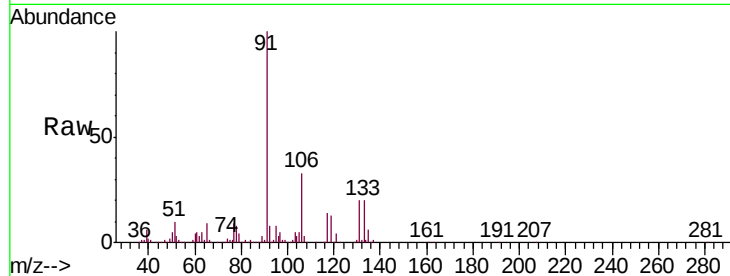




#67
Ethyl Benzene
Concen: 20.524 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

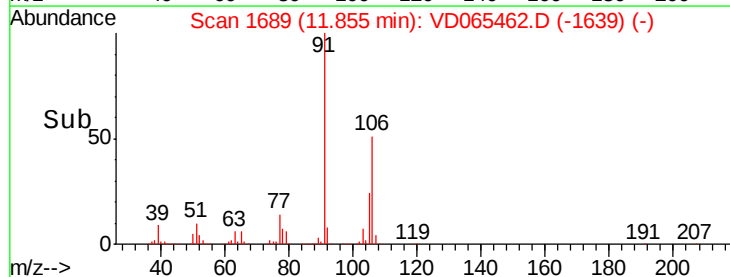
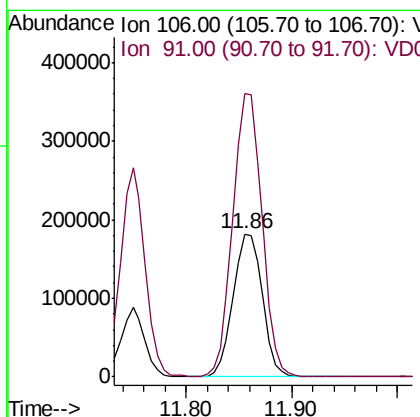
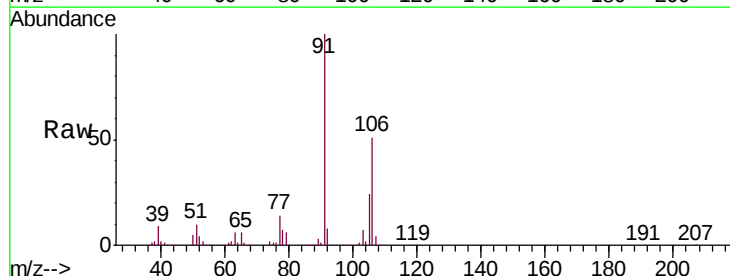
Instrument :
MSVOA_D
ClientSampleId :
VD0310SBSD01

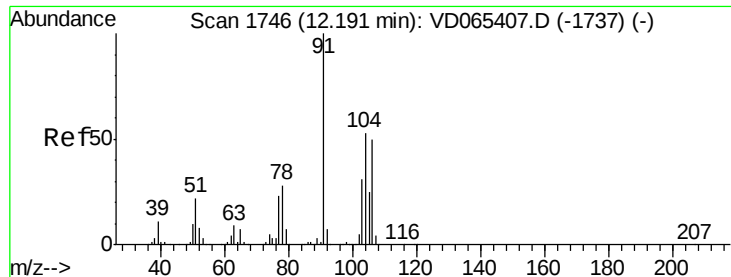
Tgt Ion: 91 Resp: 435790
Ion Ratio Lower Upper
91 100
106 33.0 25.2 37.8



#68
m/p-Xylenes
Concen: 42.641 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

Tgt Ion: 106 Resp: 349113
Ion Ratio Lower Upper
106 100
91 198.2 155.9 233.9

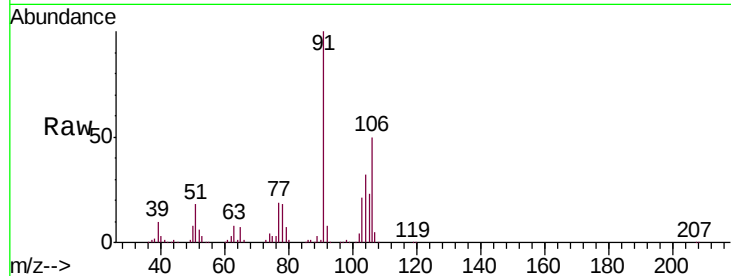




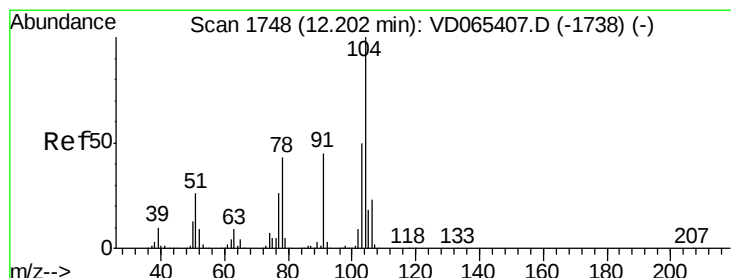
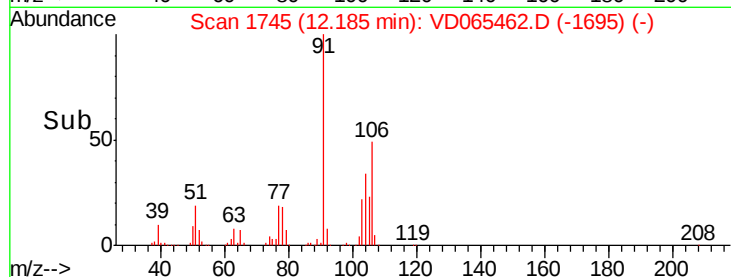
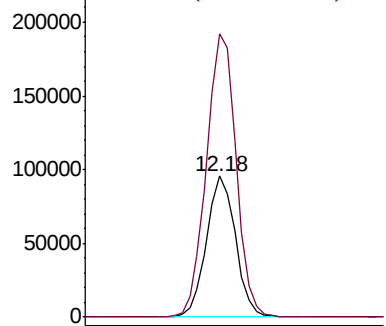
#69
o-Xylene
Concen: 21.041 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
VD0310SBSD01

Tgt Ion:106 Resp: 151530
Ion Ratio Lower Upper
106 100
91 205.9 103.5 310.3

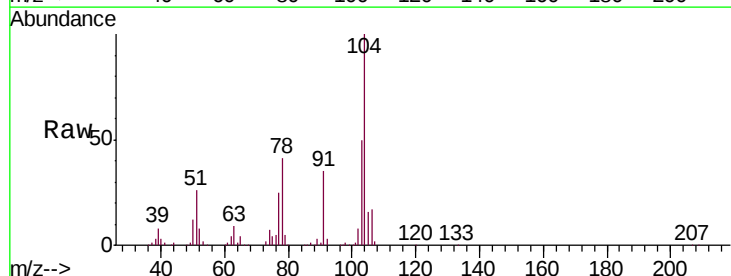


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

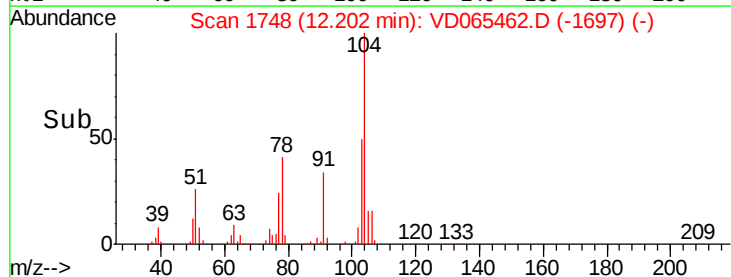
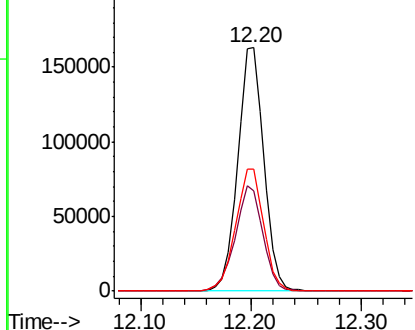


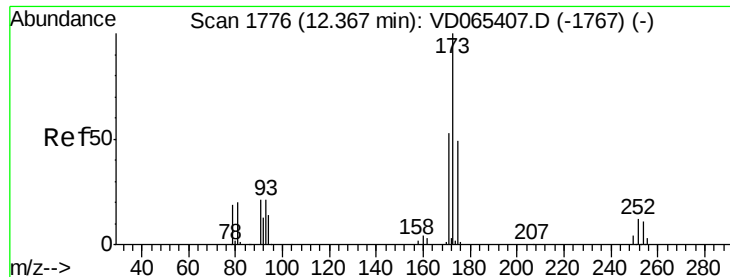
#70
Styrene
Concen: 21.467 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

Tgt Ion:104 Resp: 272083
Ion Ratio Lower Upper
104 100
78 45.6 37.7 56.5
103 53.8 43.6 65.4



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

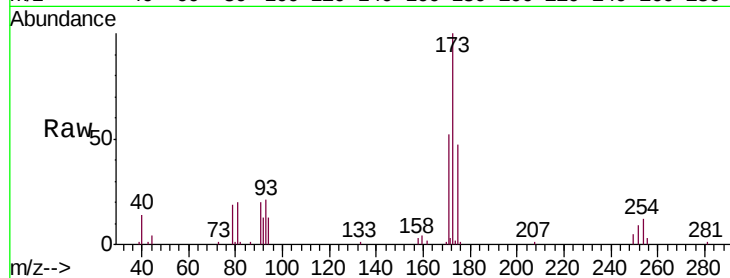




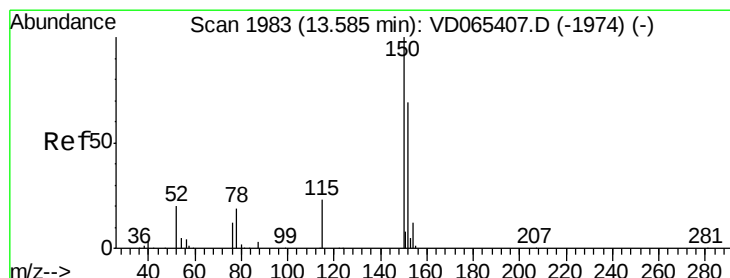
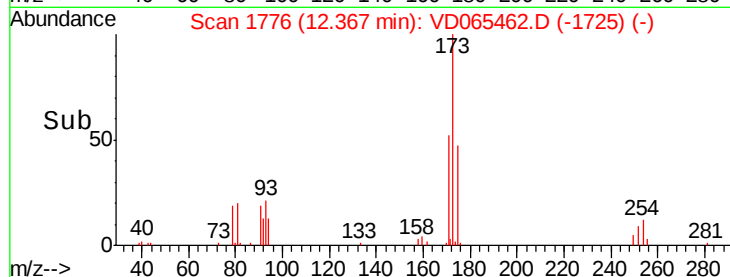
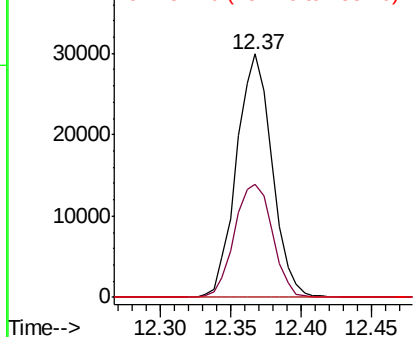
#71
Bromoform
Concen: 20.961 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
VD0310SBSD01

Tgt Ion:173 Resp: 52693
Ion Ratio Lower Upper
173 100
175 49.5 24.3 73.0
254 0.0 0.1 0.1#

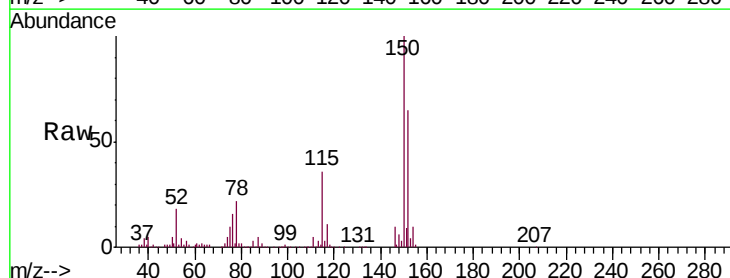


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

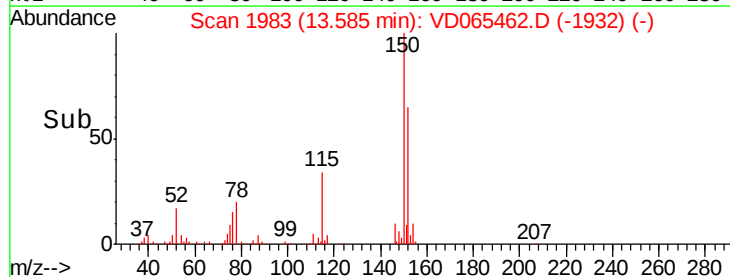
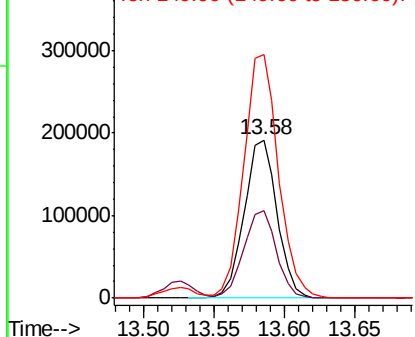


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

Tgt Ion:152 Resp: 311639
Ion Ratio Lower Upper
152 100
115 55.3 27.6 82.8
150 163.3 0.0 345.0



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: 20.385 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

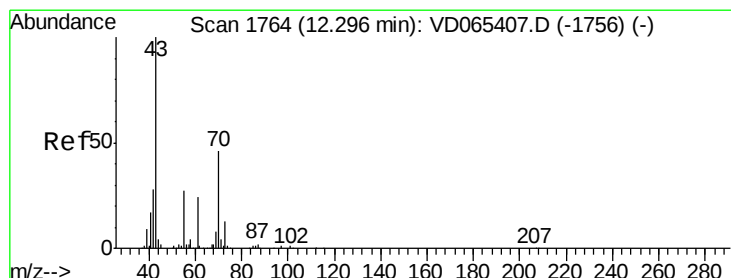
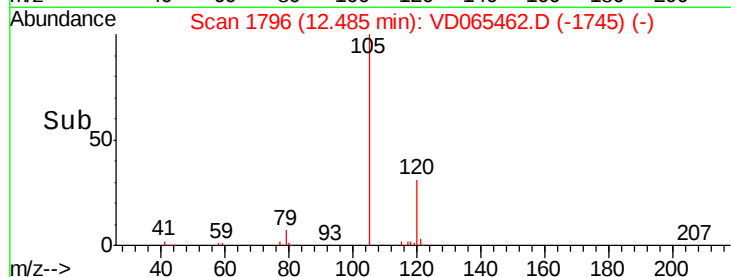
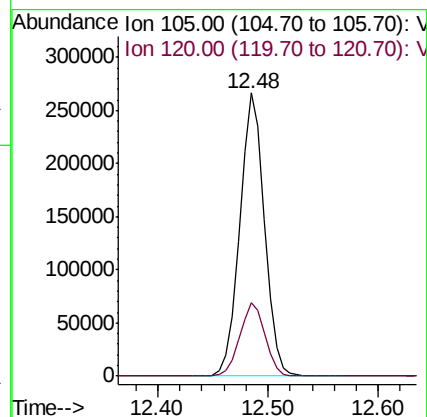
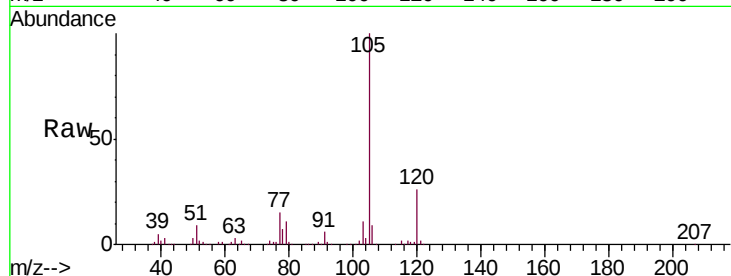
VD0310SBS01

Tgt Ion:105 Resp: 417856

Ion Ratio Lower Upper

105 100

120 26.3 13.5 40.4



#74

N-ethyl acetate

Concen: 19.238 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Tgt Ion: 43 Resp: 80730

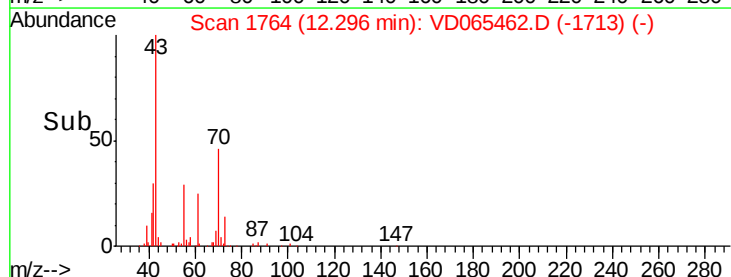
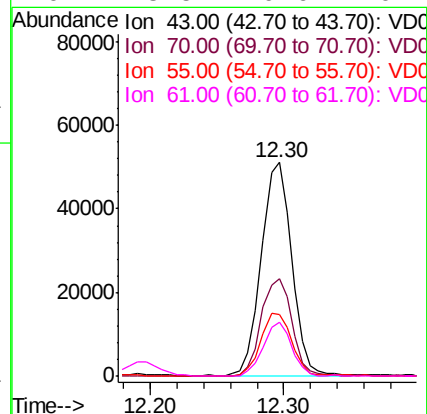
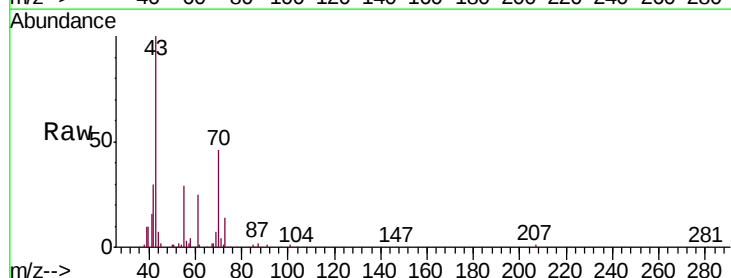
Ion Ratio Lower Upper

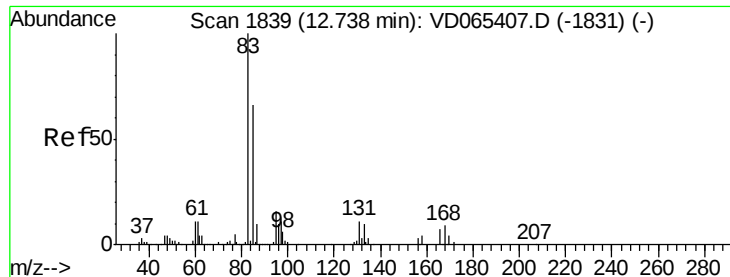
43 100

70 45.6 36.1 54.1

55 30.3 21.6 32.4

61 23.5 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.144 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBSD01

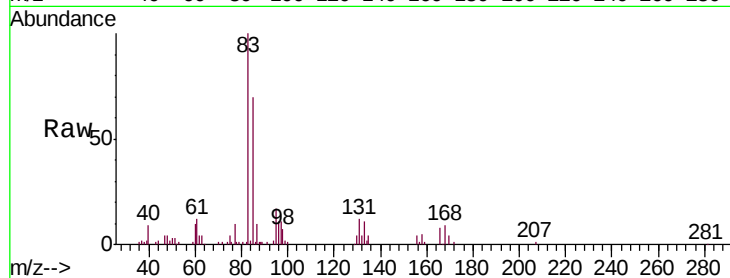
Tgt Ion: 83 Resp: 72580

Ion Ratio Lower Upper

83 100

131 11.5 5.4 16.2

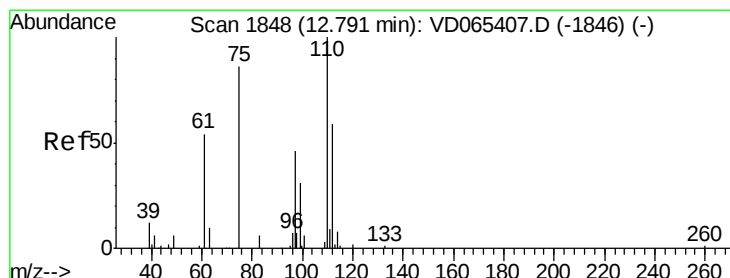
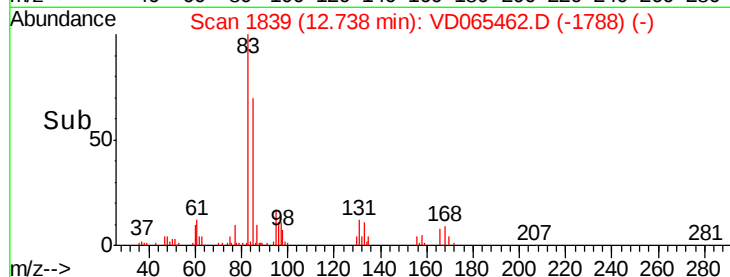
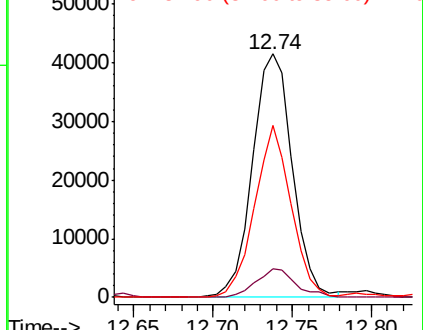
85 64.7 33.0 98.9



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: 37.364 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065462.D

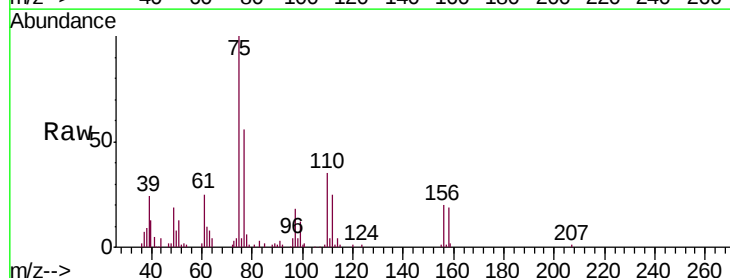
Acq: 10 Mar 2020 13:59

Tgt Ion: 75 Resp: 91881

Ion Ratio Lower Upper

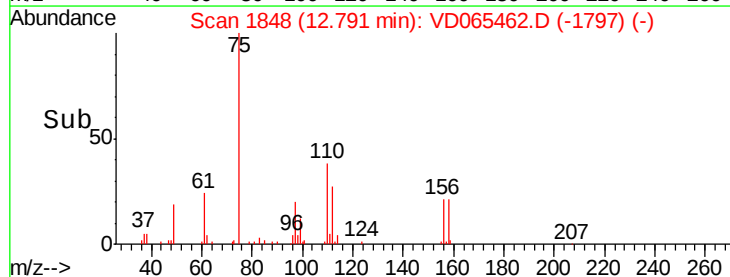
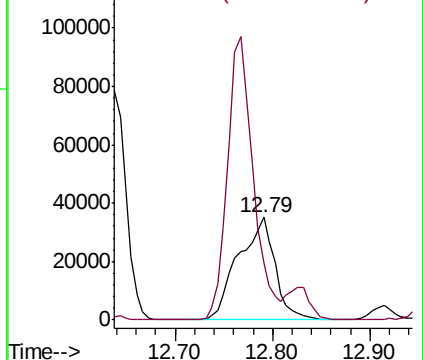
75 100

77 0.0 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: 21.010 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBSD01

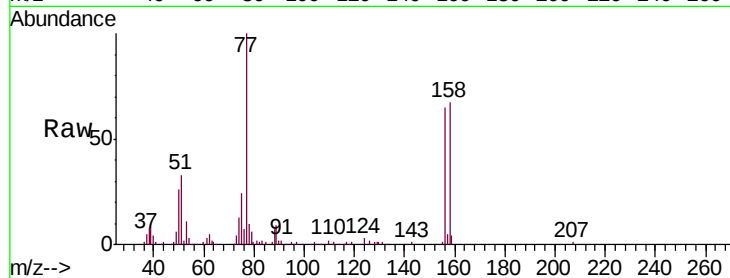
Tgt Ion:156 Resp: 106996

Ion Ratio Lower Upper

156 100

77 167.4 84.9 254.6

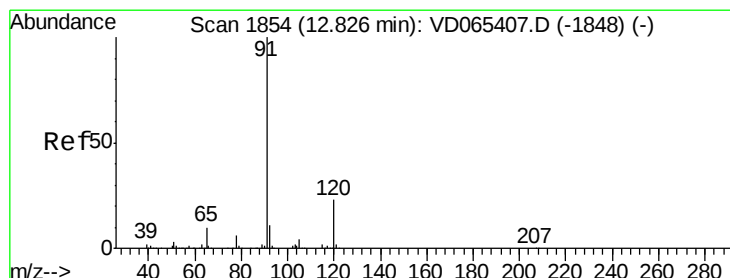
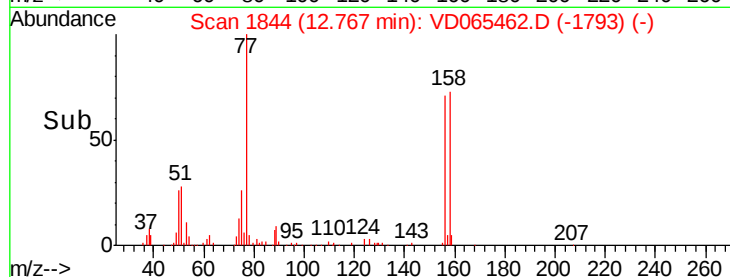
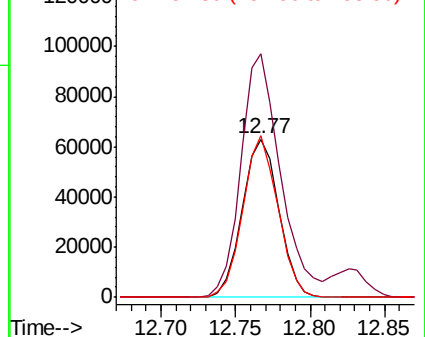
158 97.7 49.0 147.2



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: 20.905 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065462.D

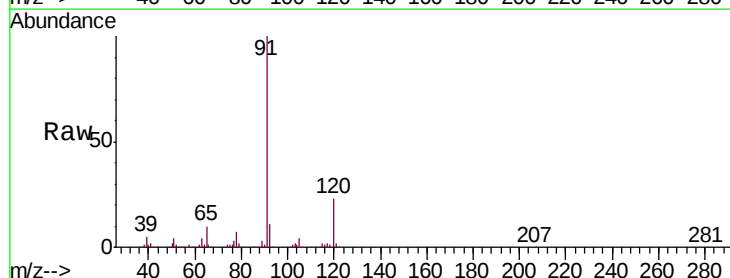
Acq: 10 Mar 2020 13:59

Tgt Ion: 91 Resp: 508419

Ion Ratio Lower Upper

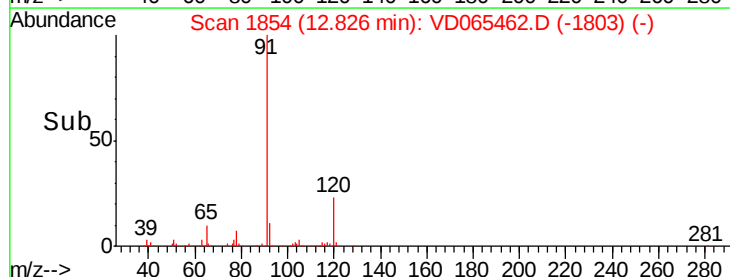
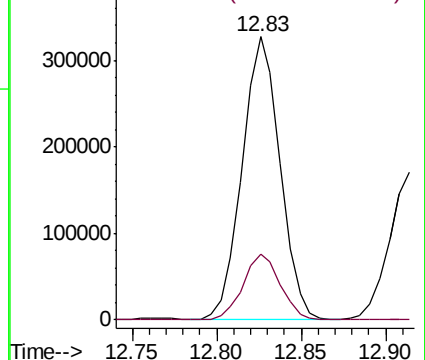
91 100

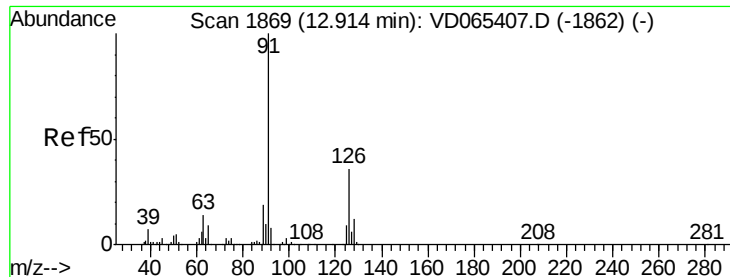
120 23.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.645 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

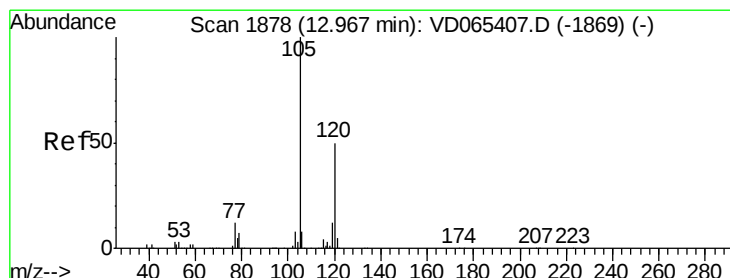
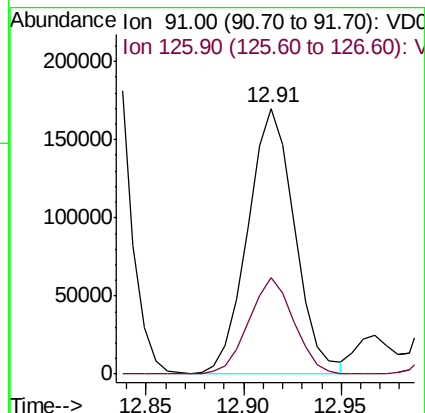
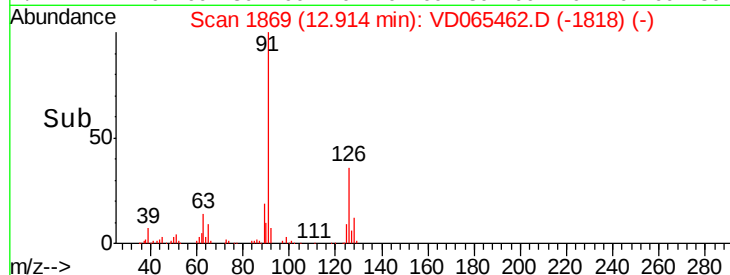
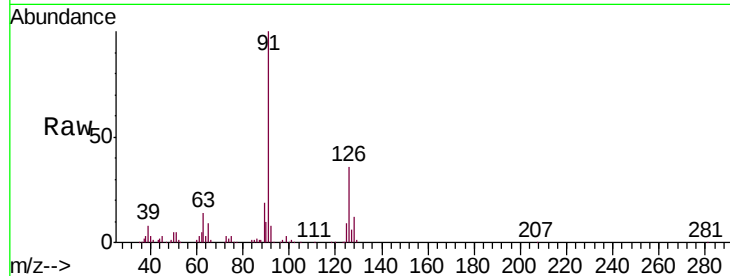
VD0310SBSD01

Tgt Ion: 91 Resp: 282981

Ion Ratio Lower Upper

91 100

126 34.9 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 20.857 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD065462.D

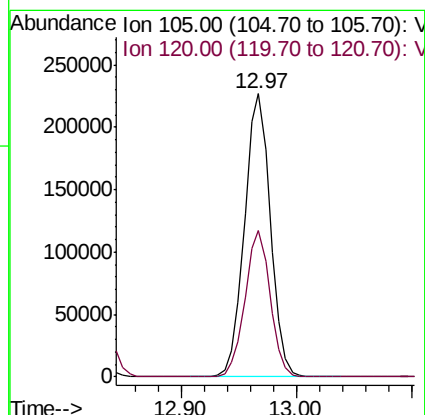
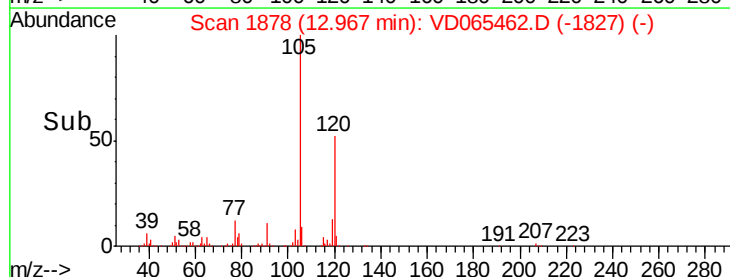
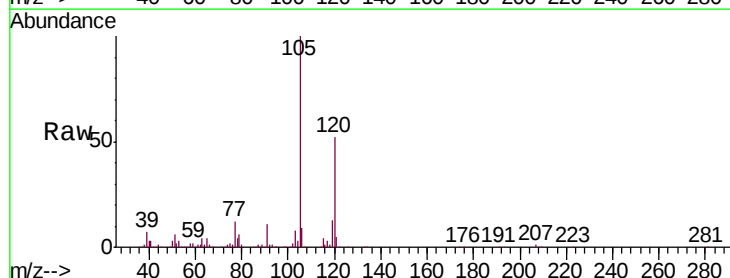
Acq: 10 Mar 2020 13:59

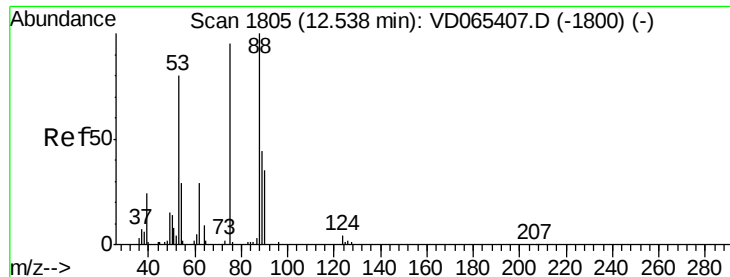
Tgt Ion: 105 Resp: 351470

Ion Ratio Lower Upper

105 100

120 50.5 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.506 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.01 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBS01

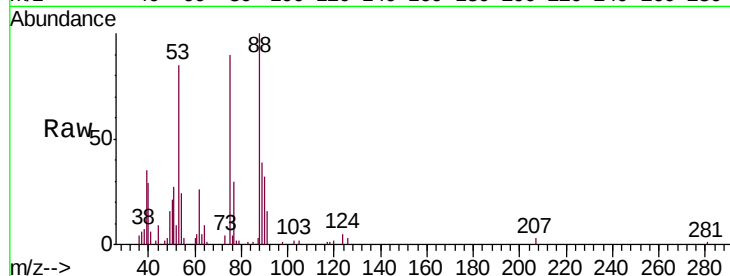
Tgt Ion: 75 Resp: 22730

Ion Ratio Lower Upper

75 100

53 90.5 71.3 106.9

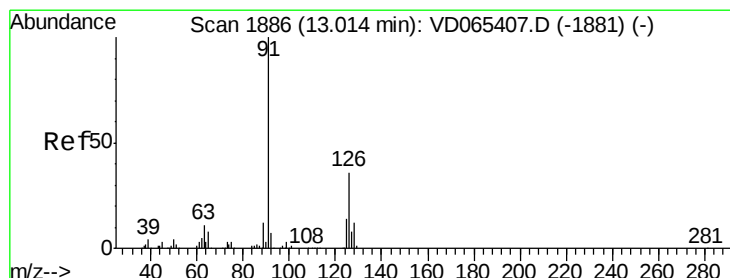
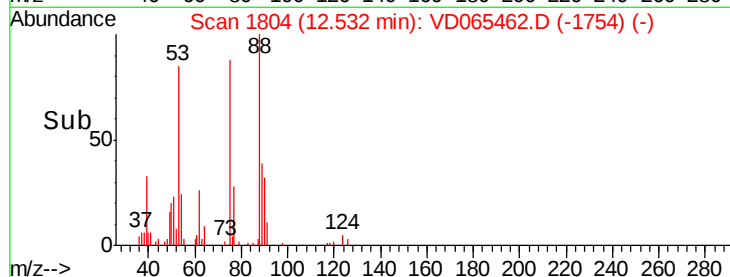
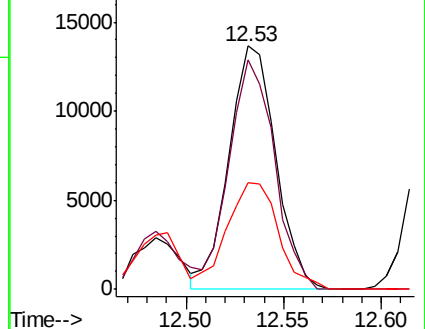
89 48.5 37.0 55.6



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: 21.359 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VD065462.D

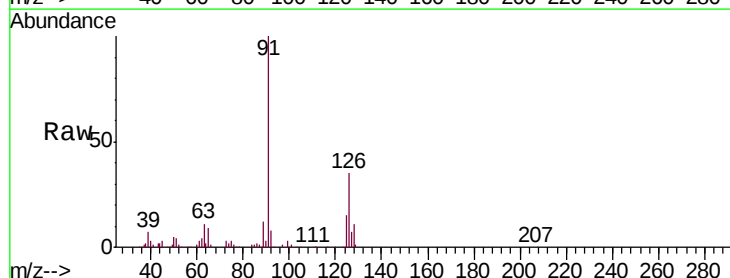
Acq: 10 Mar 2020 13:59

Tgt Ion: 91 Resp: 307646

Ion Ratio Lower Upper

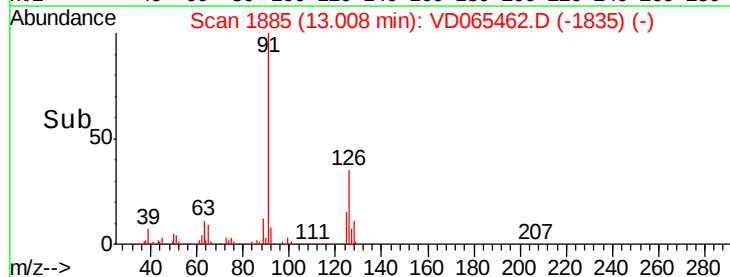
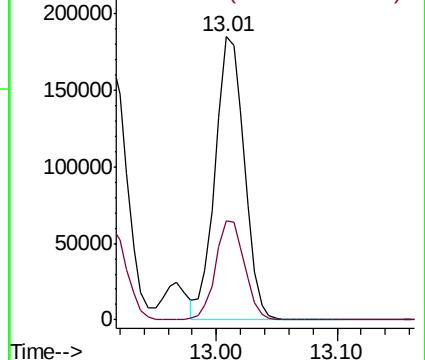
91 100

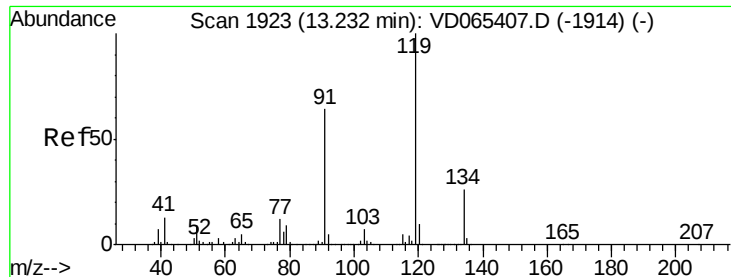
126 34.8 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

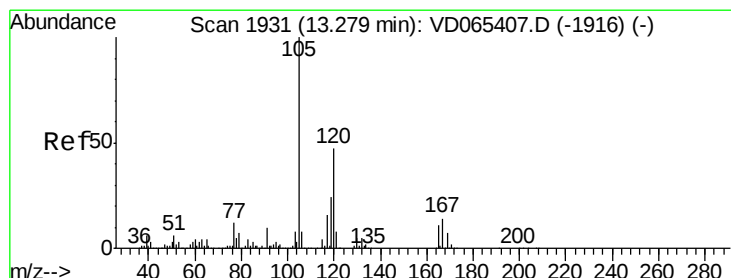
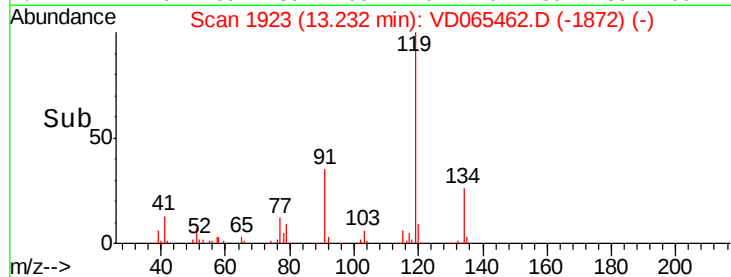
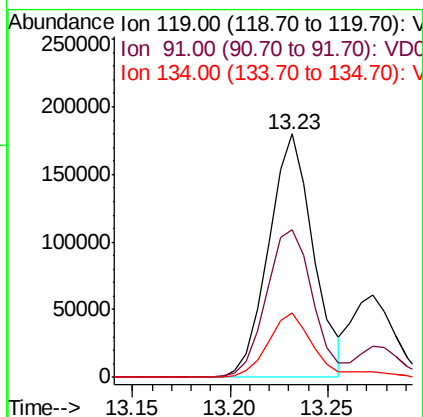
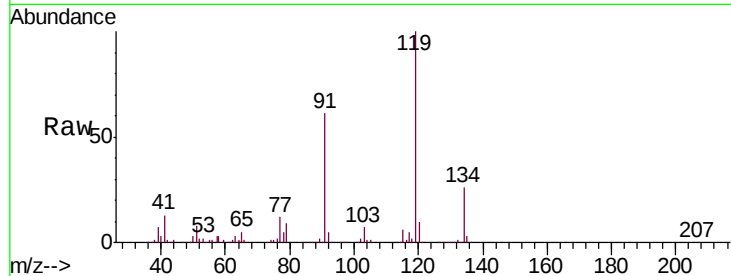




#83
 tert-Butylbenzene
 Concen: 19.954 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VD065462.D
 Acq: 10 Mar 2020 13:59

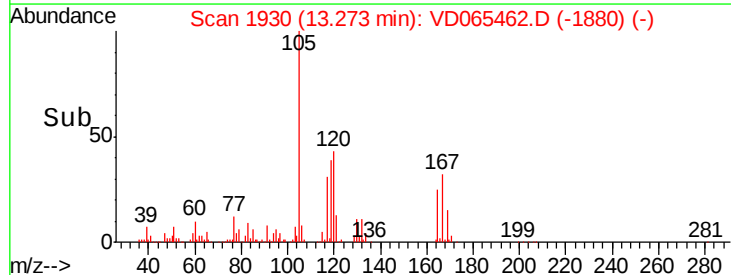
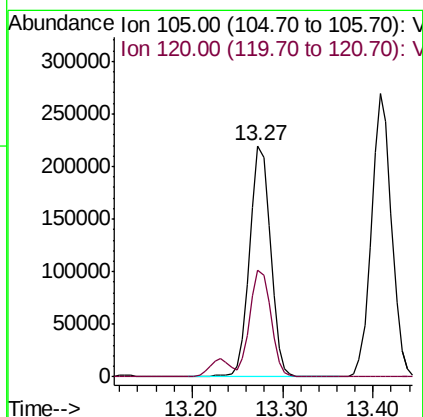
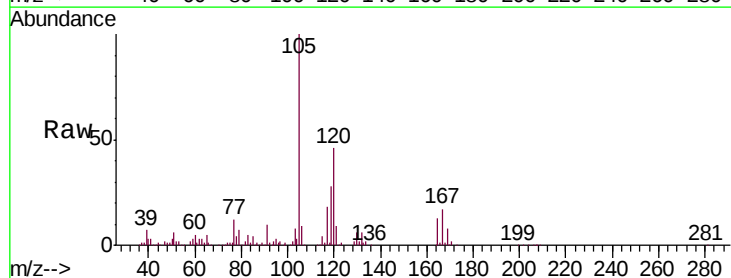
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0310SBSD01

Tgt Ion:119 Resp: 284478
 Ion Ratio Lower Upper
 119 100
 91 64.2 31.6 95.0
 134 27.9 14.2 42.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.137 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: VD065462.D
 Acq: 10 Mar 2020 13:59

Tgt Ion:105 Resp: 351105
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.4 70.3

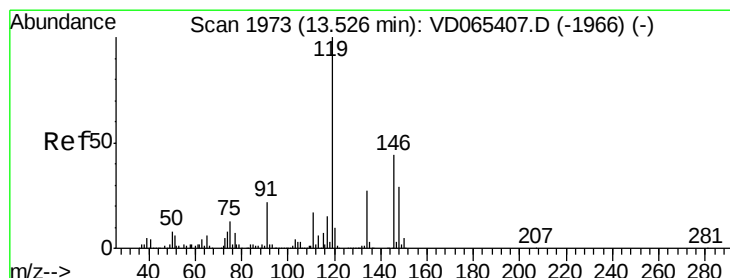
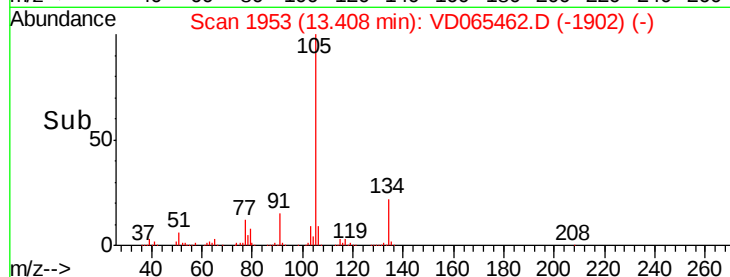
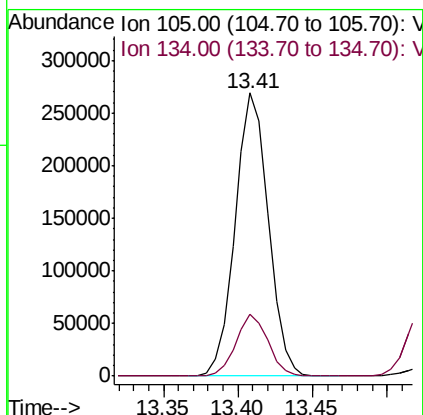
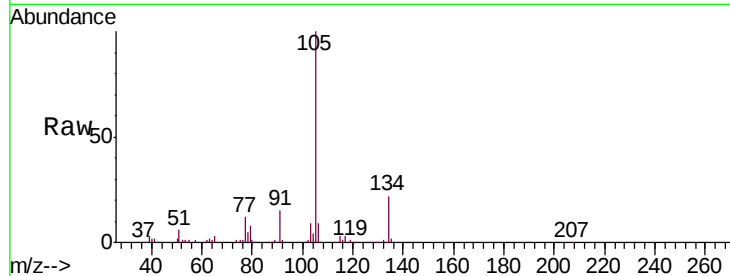




#85
 sec-Butylbenzene
 Concen: 20.437 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065462.D
 Acq: 10 Mar 2020 13:59

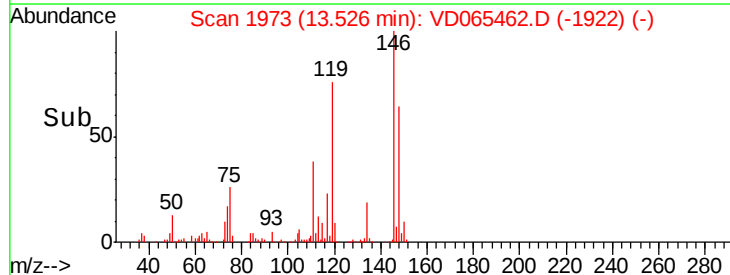
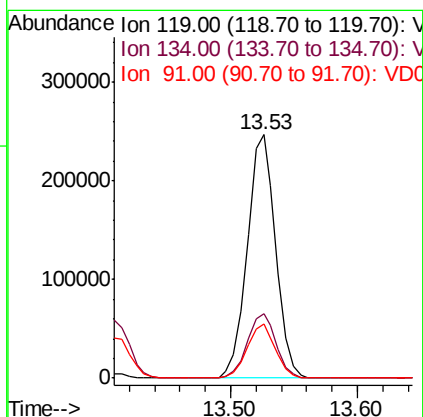
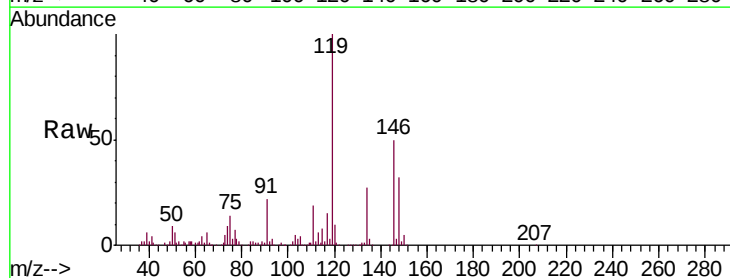
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0310SBSD01

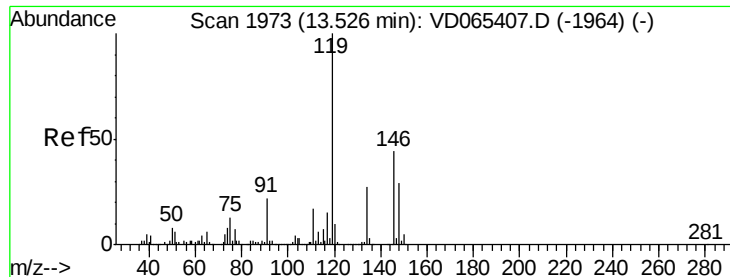
Tgt Ion:105 Resp: 415901
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 20.521 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065462.D
 Acq: 10 Mar 2020 13:59

Tgt Ion:119 Resp: 381055
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.9
 91 21.9 10.9 32.6





#87

1,3-Dichlorobenzene

Concen: 20.893 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

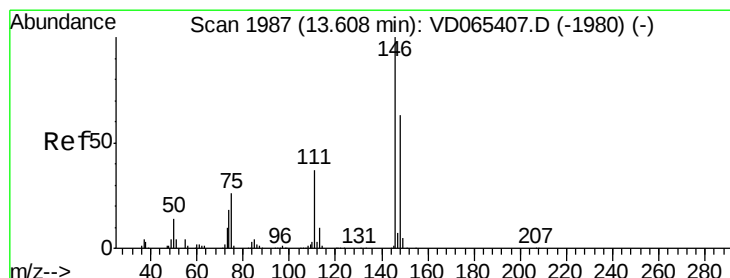
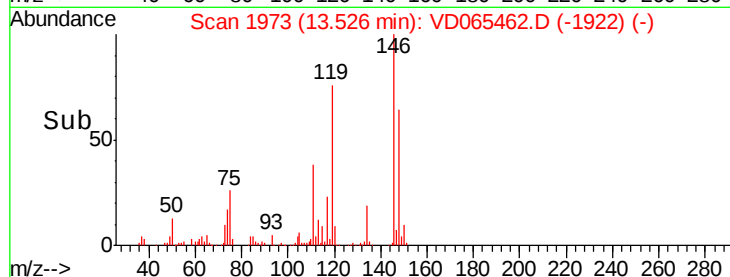
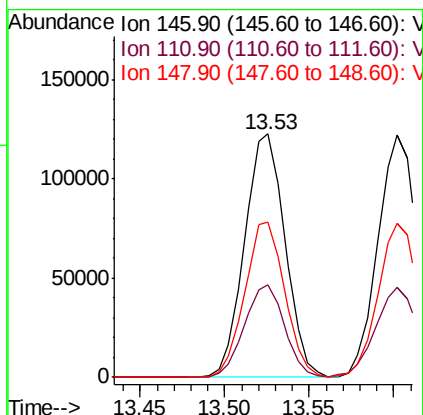
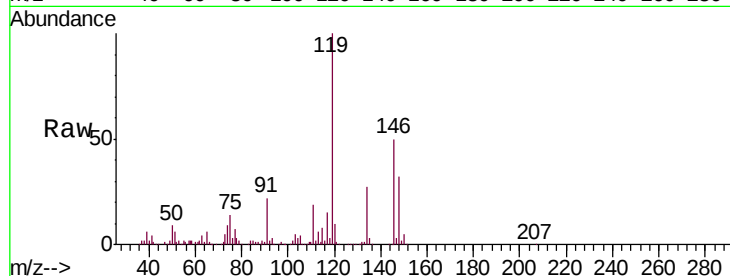
Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
VD0310SBSD01

Tgt Ion:146 Resp: 204563

Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.1
148	63.2	32.3	96.8



#88

1,4-Dichlorobenzene

Concen: 20.786 ug/l

RT: 13.60 min Scan# 1986

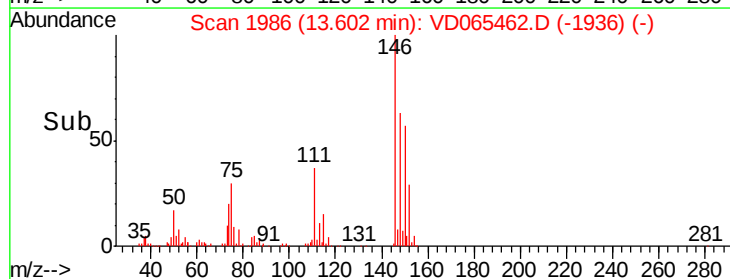
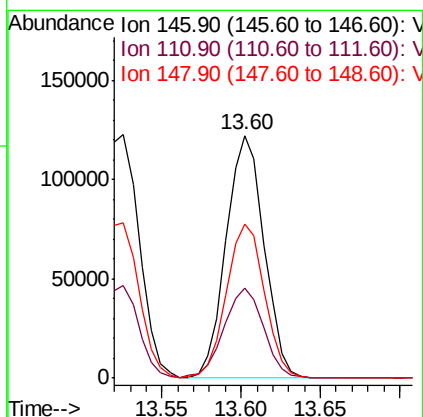
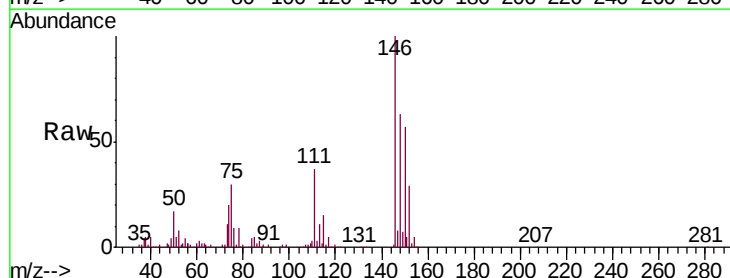
Delta R.T. -0.01 min

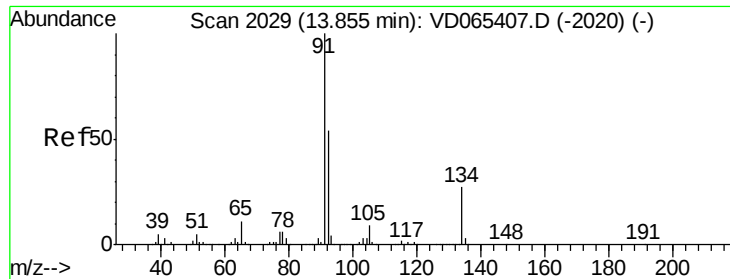
Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Tgt Ion:146 Resp: 202448

Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.5	55.5
148	63.8	32.0	96.0





#89

n-Butylbenzene

Concen: 20.177 ug/l

RT: 13.86 min Scan# 2029

Delta R.T. 0.00 min

Lab File: VD065462.D

Acq: 10 Mar 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

VD0310SBS01

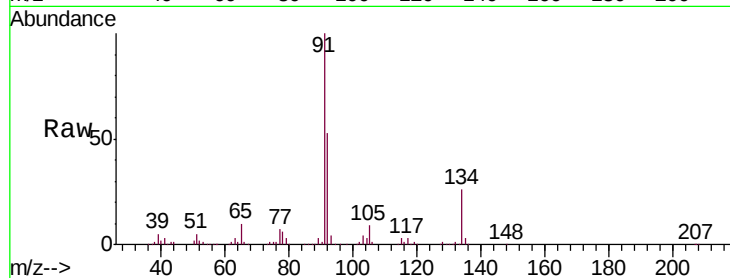
Tgt Ion: 91 Resp: 346394

Ion Ratio Lower Upper

91 100

92 53.4 26.8 80.4

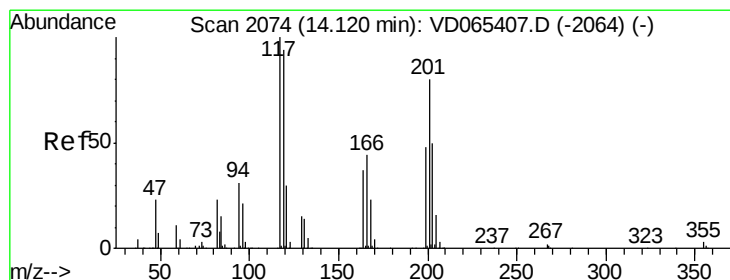
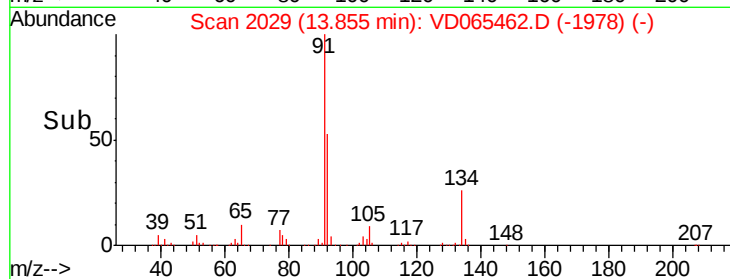
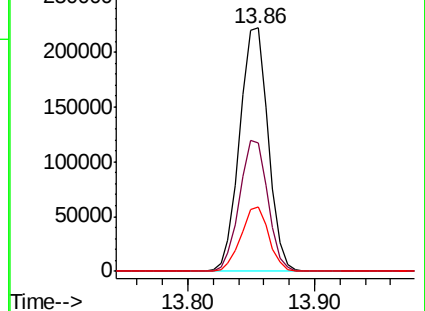
134 25.9 13.4 40.2



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: 20.460 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. -0.00 min

Lab File: VD065462.D

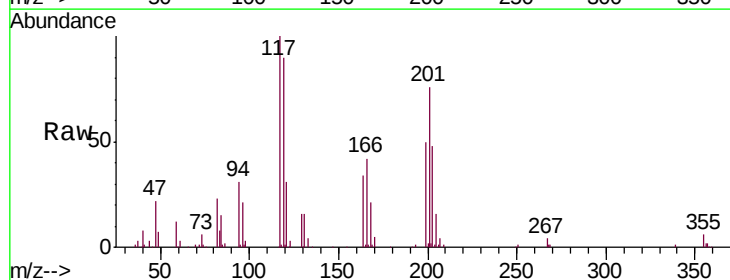
Acq: 10 Mar 2020 13:59

Tgt Ion: 117 Resp: 78242

Ion Ratio Lower Upper

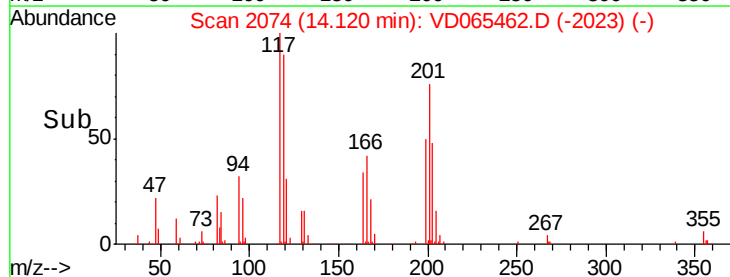
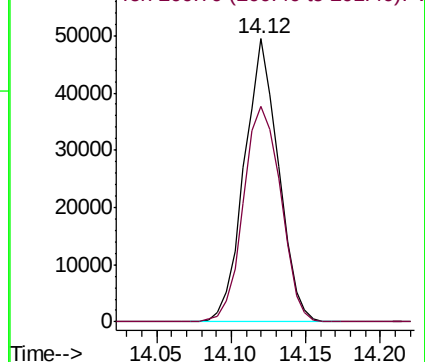
117 100

201 83.5 41.9 125.6



Abundance Ion 116.80 (116.50 to 117.50): VDC

Ion 200.70 (200.40 to 201.40): VDC

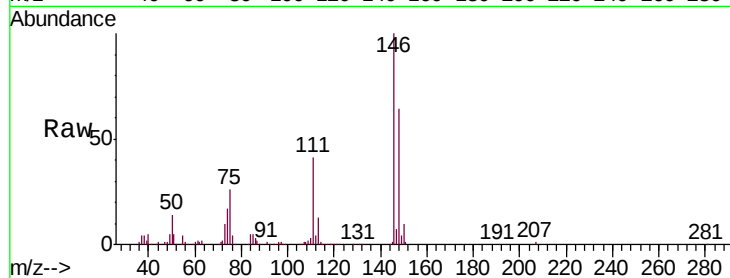




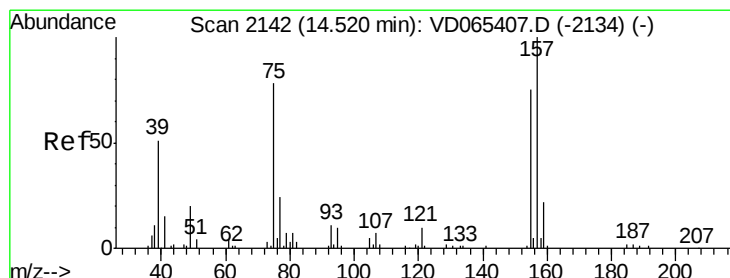
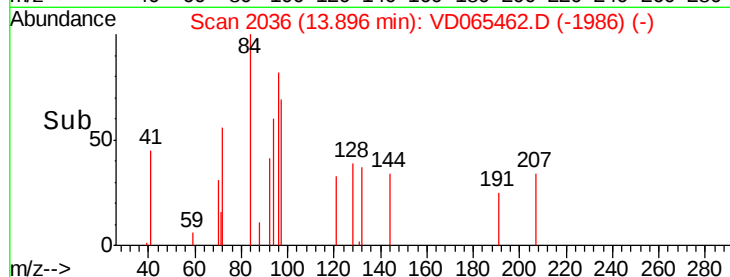
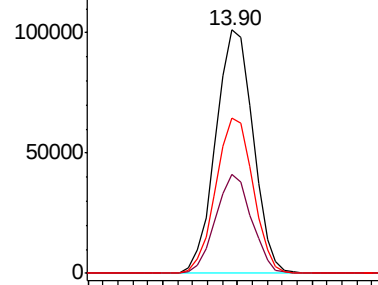
#91
 1,2-Dichlorobenzene
 Concen: 20.970 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD065462.D
 Acq: 10 Mar 2020 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0310SBSD01

Tgt Ion:146 Resp: 174722
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.8 59.3
 148 63.7 32.6 97.8

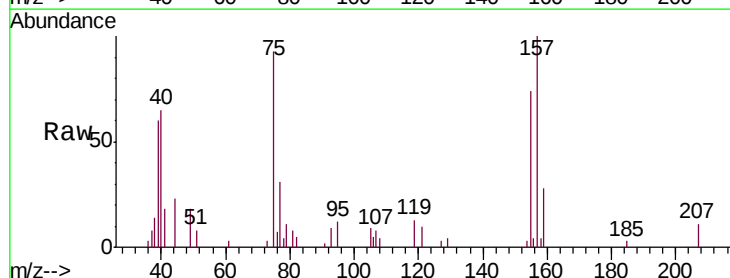


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

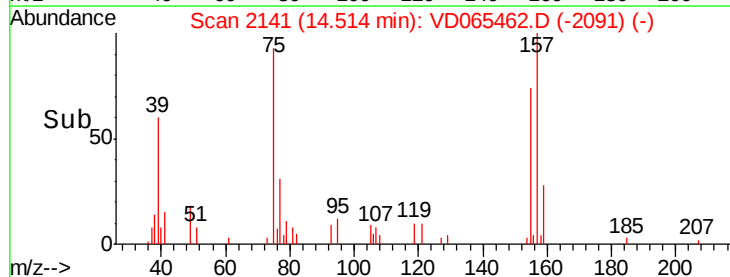
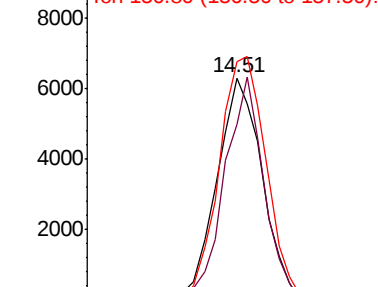


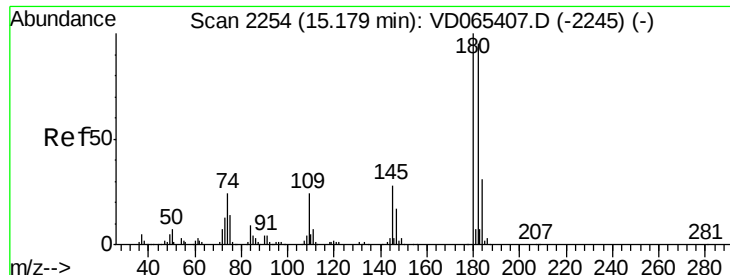
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.838 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD065462.D
 Acq: 10 Mar 2020 13:59

Tgt Ion: 75 Resp: 10886
 Ion Ratio Lower Upper
 75 100
 155 86.9 46.4 139.1
 157 113.7 60.2 180.4



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

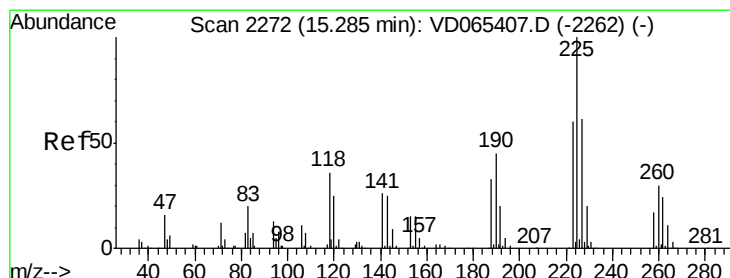
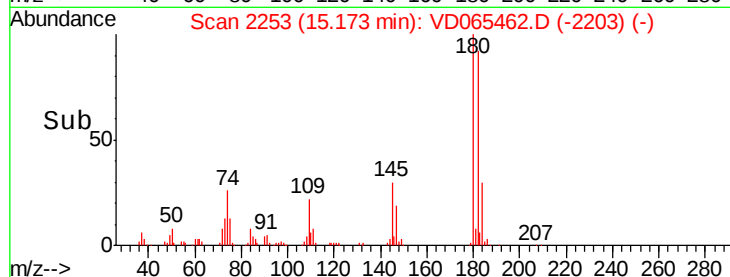
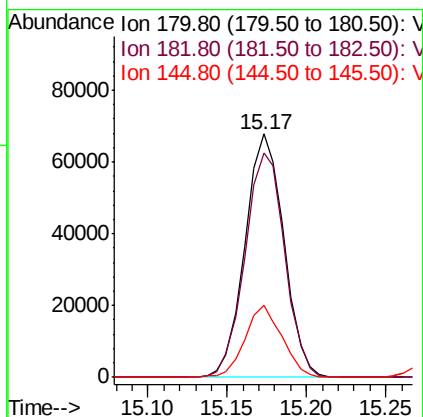
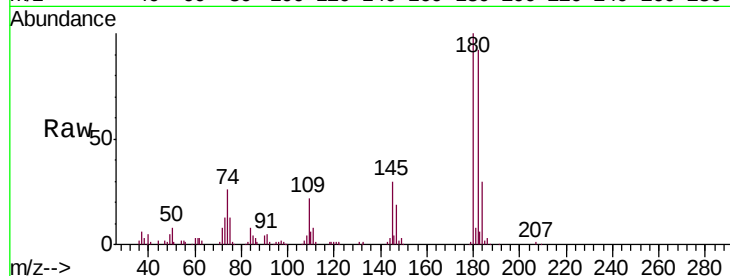




#93
 1,2,4-Trichlorobenzene
 Concen: 20.474 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD065462.D
 Acq: 10 Mar 2020 13:59

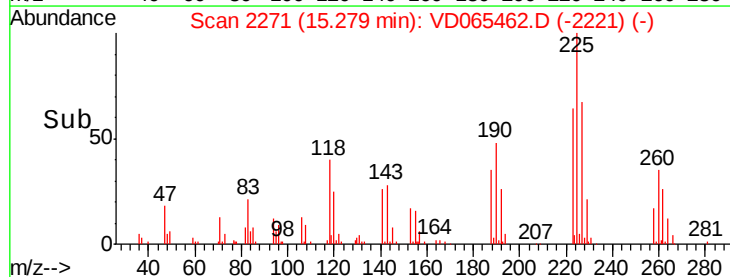
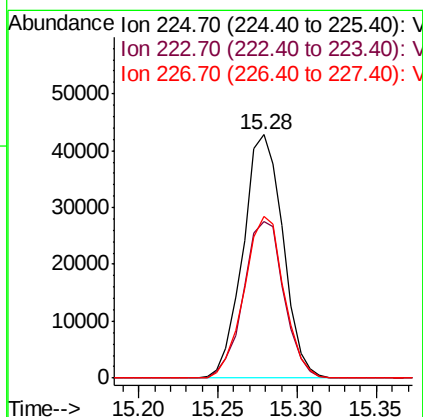
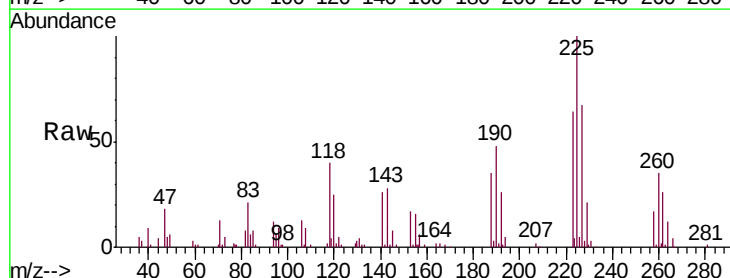
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0310SBS01

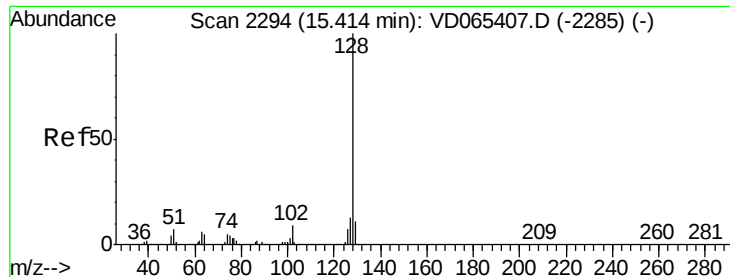
Tgt Ion:180 Resp: 115625
 Ion Ratio Lower Upper
 180 100
 182 93.9 48.3 144.9
 145 28.1 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 20.233 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: VD065462.D
 Acq: 10 Mar 2020 13:59

Tgt Ion:225 Resp: 75076
 Ion Ratio Lower Upper
 225 100
 223 65.0 30.9 92.5
 227 65.7 31.6 94.7

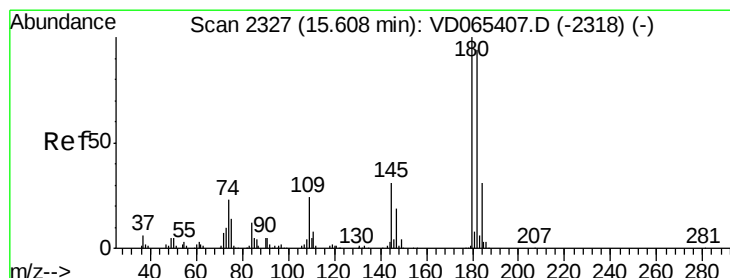
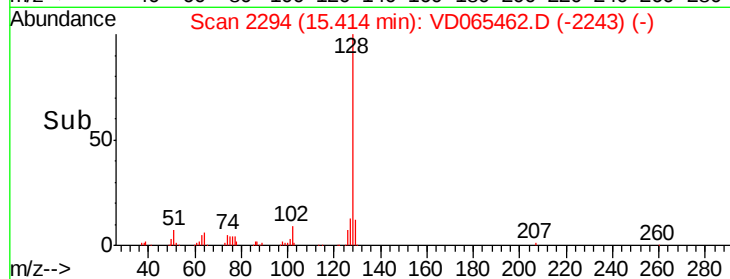
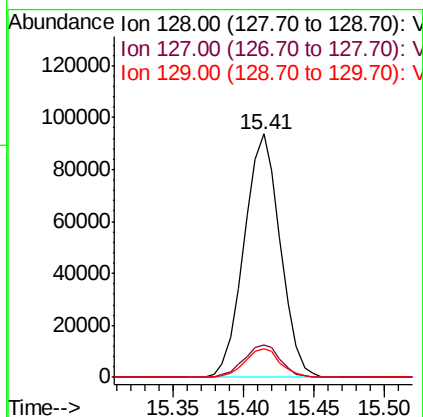
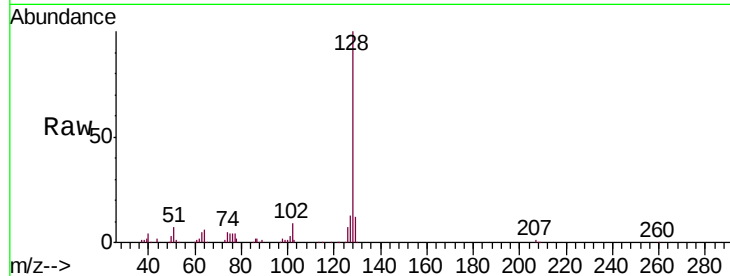




#95
Naphthalene
Concen: 19.652 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

Instrument :
MSVOA_D
ClientSampleId :
VD0310SBSD01

Tgt Ion:128 Resp: 168275
Ion Ratio Lower Upper
128 100
127 13.7 10.6 16.0
129 11.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.101 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065462.D
Acq: 10 Mar 2020 13:59

Tgt Ion:180 Resp: 102975
Ion Ratio Lower Upper
180 100
182 94.1 46.9 140.6
145 29.5 15.0 45.1

