

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD013020\
 Data File : VD065006.D
 Acq On : 30 Jan 2020 11:55
 Operator : VA/SY
 Sample : VD0130SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBS01

Quant Time: Jan 30 12:32:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	466042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	693929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	616977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	298456	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	229005	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
35) Dibromofluoromethane	7.92	113	221035	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	10.34	98	862467	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.64	95	269606	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	71372	20.33	ug/l	97
3) Chloromethane	2.21	50	102792	19.98	ug/l	95
4) Vinyl Chloride	2.35	62	120719	20.43	ug/l	98
5) Bromomethane	2.76	94	84826	21.34	ug/l	92
6) Chloroethane	2.93	64	77743	19.95	ug/l	94
7) Trichlorofluoromethane	3.27	101	185216	20.29	ug/l	100
8) Diethyl Ether	3.71	74	42268	20.51	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	90555	21.32	ug/l	99
10) Methyl Iodide	4.30	142	93263	20.69	ug/l	97
11) Tert butyl alcohol	5.24	59	24938	100.95	ug/l	99
12) 1,1-Dichloroethene	4.06	96	86196	21.25	ug/l	82
13) Acrolein	3.93	56	24675	79.68	ug/l	95
14) Allyl chloride	4.71	41	136320	21.07	ug/l	99
15) Acrylonitrile	5.44	53	92485	103.65	ug/l	98
16) Acetone	4.17	43	91359	86.20	ug/l	95
17) Carbon Disulfide	4.40	76	278656	20.87	ug/l	100
18) Methyl Acetate	4.73	43	46697	22.30	ug/l	99
19) Methyl tert-butyl Ether	5.49	73	187807	20.72	ug/l	97
20) Methylene Chloride	4.97	84	103535	19.97	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	98876	21.15	ug/l	97
22) Diisopropyl ether	6.37	45	278649	21.61	ug/l	97
23) Vinyl Acetate	6.31	43	753923	99.86	ug/l	99
24) 1,1-Dichloroethane	6.27	63	170379	21.52	ug/l	97
25) 2-Butanone	7.23	43	119950	99.32	ug/l	95
26) 2,2-Dichloropropane	7.21	77	156184	21.75	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	106495	21.35	ug/l	99
28) Bromochloromethane	7.55	49	55256	17.45	ug/l	98
29) Tetrahydrofuran	7.57	42	75162	100.87	ug/l	98
30) Chloroform	7.71	83	173559	21.21	ug/l	99
31) Cyclohexane	7.98	56	158302	20.33	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	162130	21.29	ug/l	99
36) 1,1-Dichloropropene	8.11	75	140389	20.98	ug/l	99
37) Ethyl Acetate	7.30	43	53507	19.36	ug/l	99
38) Carbon Tetrachloride	8.10	117	144886	20.49	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD013020\
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 Acq On : 30 Jan 2020 11:55
 Operator : VA/SY
 Sample : VD0130SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0130SBS01

Quant Time: Jan 30 12:32:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	153968	19.68	ug/l	98
40) Benzene	8.36	78	384158	20.85	ug/l	99
41) Methacrylonitrile	7.53	41	31134	20.91	ug/l	95
42) 1,2-Dichloroethane	8.43	62	112911	20.57	ug/l	99
43) Isopropyl Acetate	8.46	43	102590	19.54	ug/l	99
44) Trichloroethene	9.11	130	106220	20.59	ug/l	98
45) 1,2-Dichloropropane	9.39	63	94444	21.14	ug/l	94
46) Dibromomethane	9.48	93	49480	20.29	ug/l	99
47) Bromodichloromethane	9.67	83	134899	21.25	ug/l	100
48) Methyl methacrylate	9.46	41	50636	20.96	ug/l	97
49) 1,4-Dioxane	9.46	88	11650	411.82	ug/l #	95
51) 4-Methyl-2-Pentanone	10.23	43	257387	97.98	ug/l	98
52) Toluene	10.41	92	245202	20.64	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	126254	20.88	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	145737	20.59	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	64811	19.73	ug/l	96
56) Ethyl methacrylate	10.67	69	79108	20.13	ug/l	98
57) 1,3-Dichloropropane	10.95	76	117975	20.94	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	125229	95.94	ug/l	100
59) 2-Hexanone	10.99	43	177951	98.20	ug/l	99
60) Dibromochloromethane	11.14	129	88752	20.21	ug/l	97
61) 1,2-Dibromoethane	11.25	107	63532	20.08	ug/l	100
64) Tetrachloroethene	10.88	164	93389	20.95	ug/l	97
65) Chlorobenzene	11.67	112	256606	20.48	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	96823	20.55	ug/l	99
67) Ethyl Benzene	11.75	91	455897	20.50	ug/l	97
68) m/p-Xylenes	11.86	106	351532	41.05	ug/l	99
69) o-Xylene	12.18	106	154793	20.37	ug/l	100
70) Styrene	12.20	104	276871	20.45	ug/l	98
71) Bromoform	12.37	173	52652	20.11	ug/l	99
73) Isopropylbenzene	12.48	105	426498	20.91	ug/l	100
74) N-amyl acetate	12.30	43	90052	19.73	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	70317	20.51	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	93590	37.78	ug/l #	100
77) Bromobenzene	12.77	156	104127	20.86	ug/l	99
78) n-propylbenzene	12.83	91	512390	21.12	ug/l	99
79) 2-Chlorotoluene	12.91	91	280956	21.11	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	349717	20.92	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	21959	18.93	ug/l	94
82) 4-Chlorotoluene	13.01	91	295281	20.92	ug/l	100
83) tert-Butylbenzene	13.23	119	293943	20.72	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	355140	20.97	ug/l	100
85) sec-Butylbenzene	13.41	105	415021	20.66	ug/l	98
86) p-Isopropyltoluene	13.53	119	384566	20.46	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	196929	20.56	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	201180	21.17	ug/l	100
89) n-Butylbenzene	13.86	91	355800	20.74	ug/l	100
90) Hexachloroethane	14.12	117	74247	20.48	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	166748	20.51	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.52	75	10792	19.67	ug/l	91

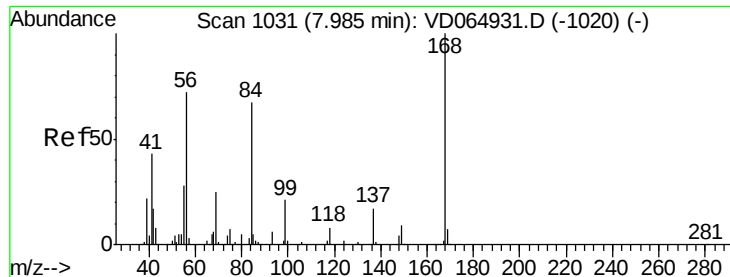
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD013020\
Data File : VD065006.D
Acq On : 30 Jan 2020 11:55
Operator : VA/SY
Sample : VD0130SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

Quant Time: Jan 30 12:32:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	113818	20.24	ug/l	98
94) Hexachlorobutadiene	15.28	225	70338	19.77	ug/l	98
95) Naphthalene	15.41	128	178297	19.64	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	100273	20.56	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

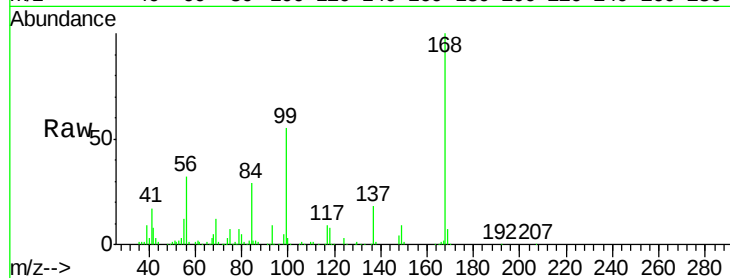
VD0130SBSD01

Tgt Ion:168 Resp: 466042

Ion Ratio Lower Upper

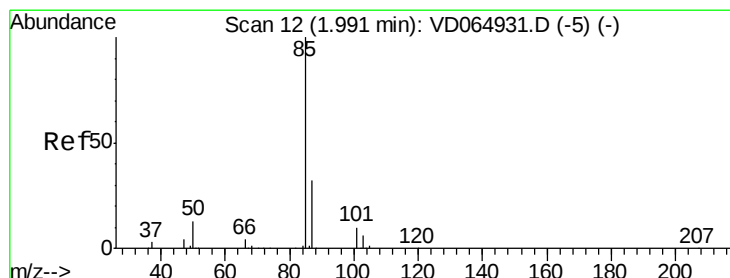
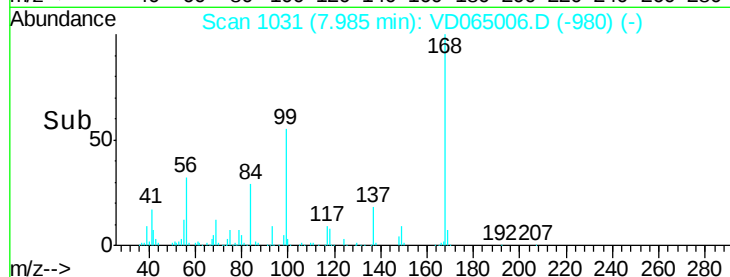
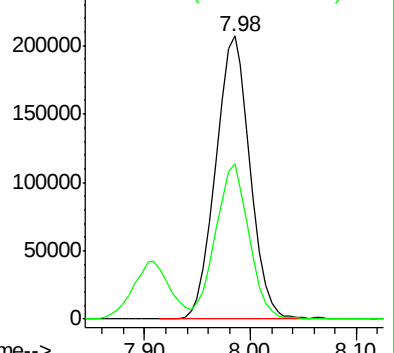
168 100

99 54.6 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 20.33 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065006.D

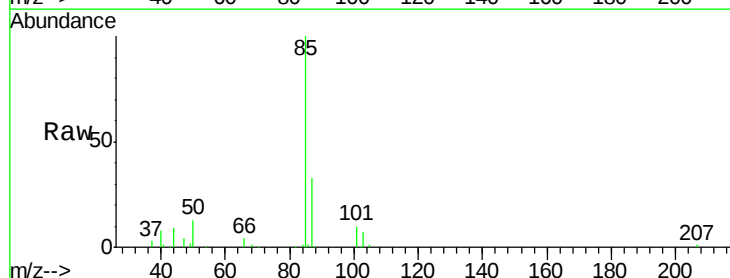
Acq: 30 Jan 2020 11:55

Tgt Ion: 85 Resp: 71372

Ion Ratio Lower Upper

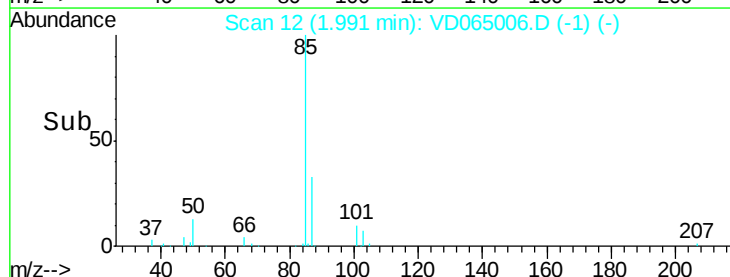
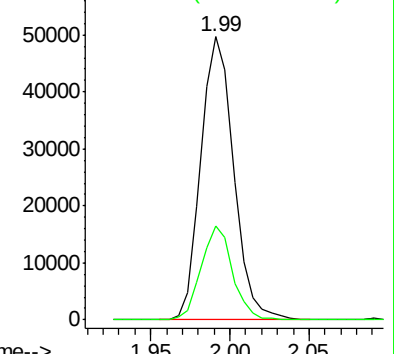
85 100

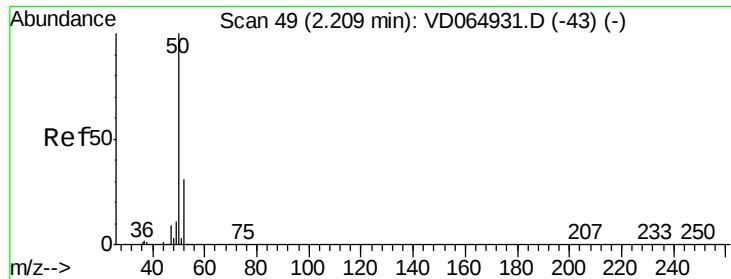
87 33.4 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.98 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

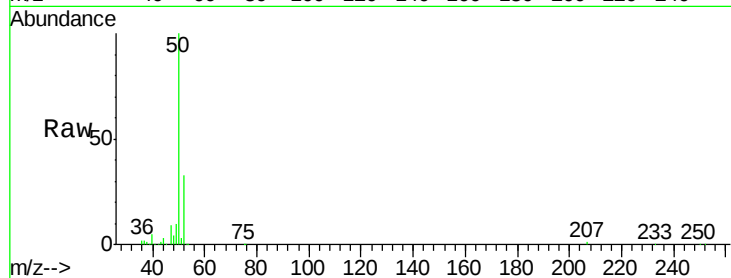
VD0130SBSD01

Tgt Ion: 50 Resp: 102792

Ion Ratio Lower Upper

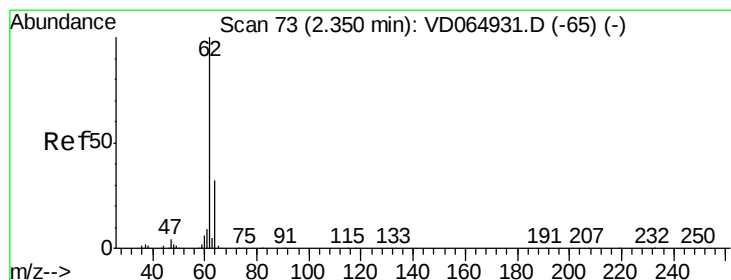
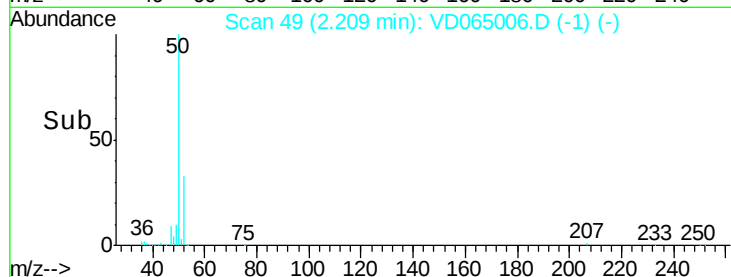
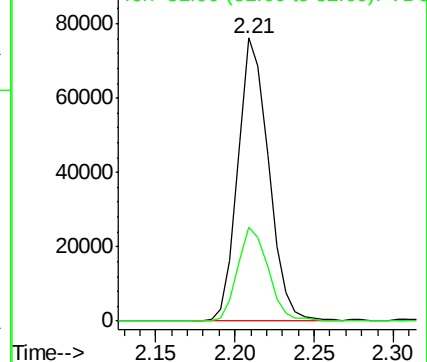
50 100

52 33.3 24.6 36.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.43 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065006.D

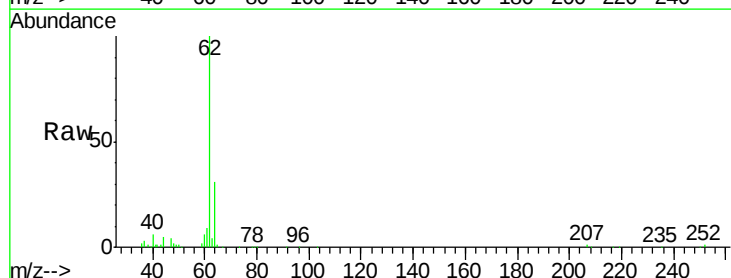
Acq: 30 Jan 2020 11:55

Tgt Ion: 62 Resp: 120719

Ion Ratio Lower Upper

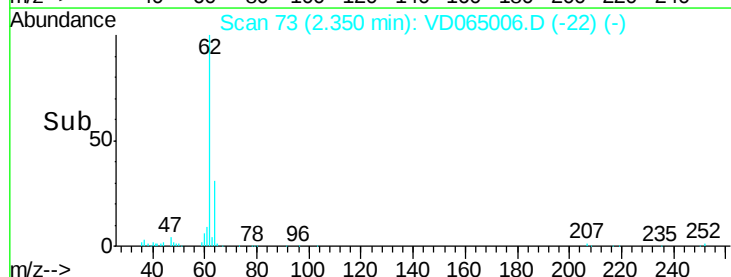
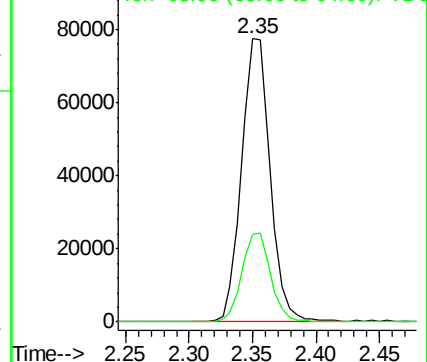
62 100

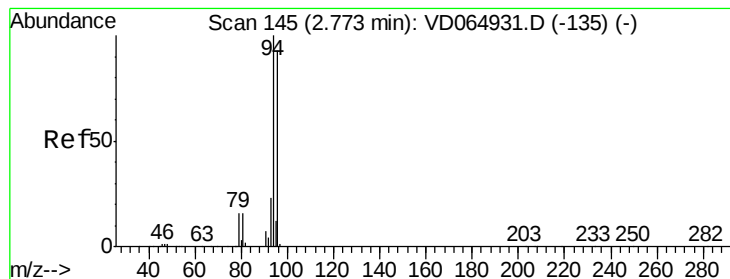
64 31.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.34 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

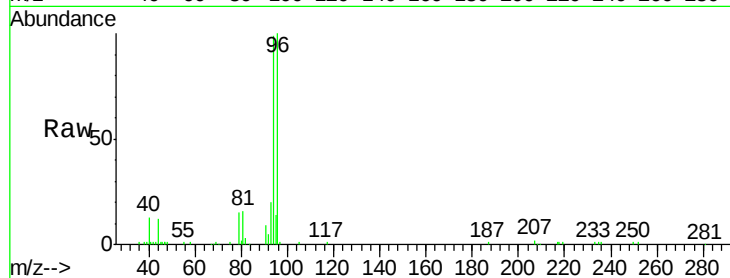
VD0130SBSD01

Tgt Ion: 94 Resp: 84826

Ion Ratio Lower Upper

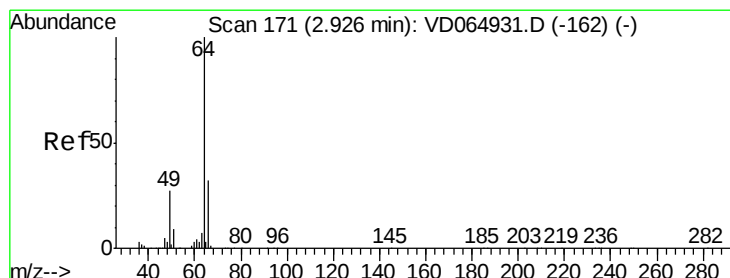
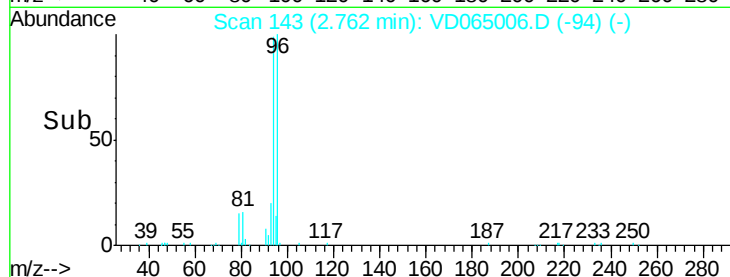
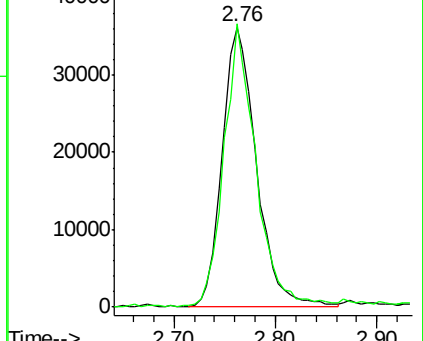
94 100

96 100.5 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.95 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065006.D

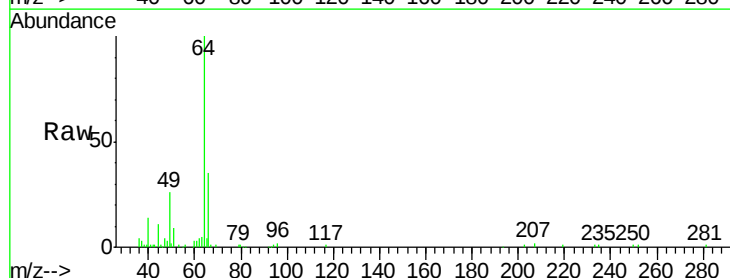
Acq: 30 Jan 2020 11:55

Tgt Ion: 64 Resp: 77743

Ion Ratio Lower Upper

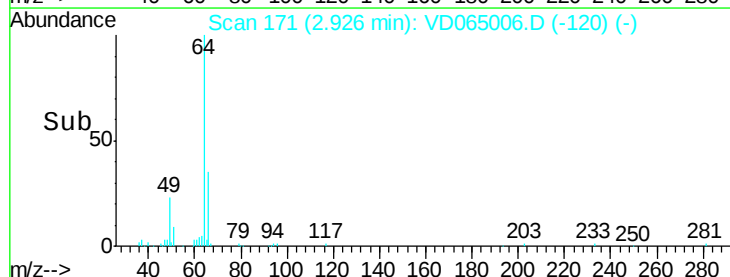
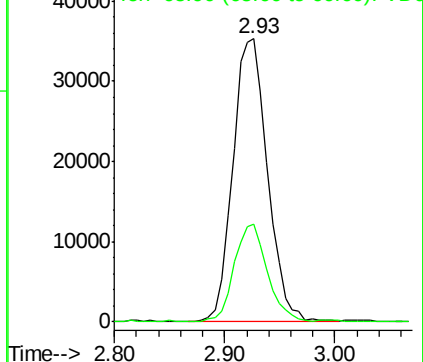
64 100

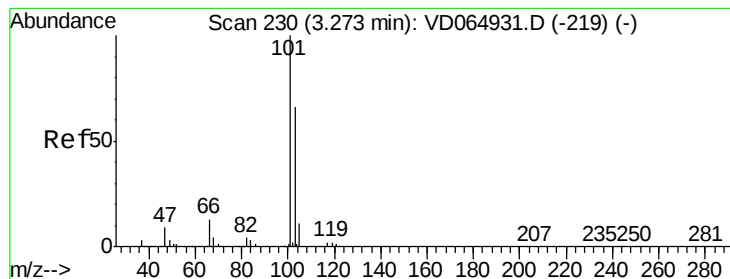
66 34.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



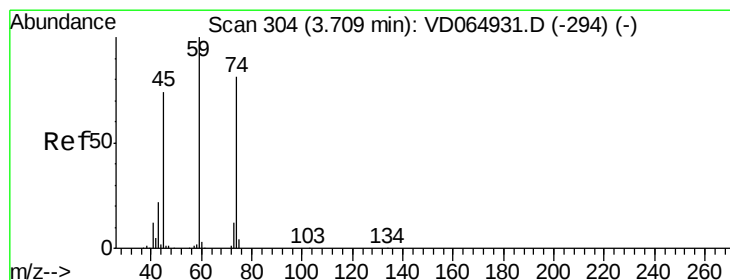
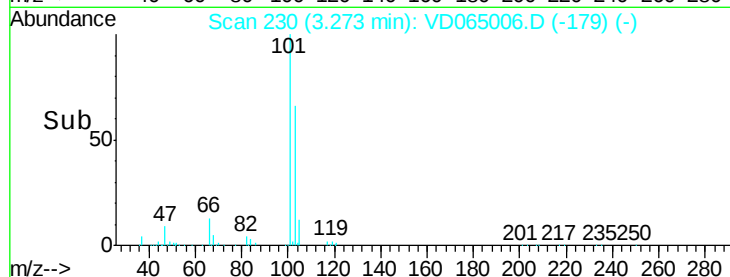
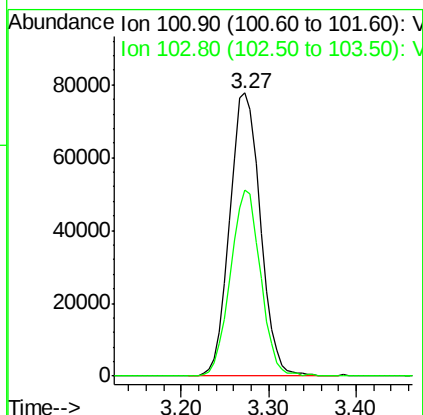
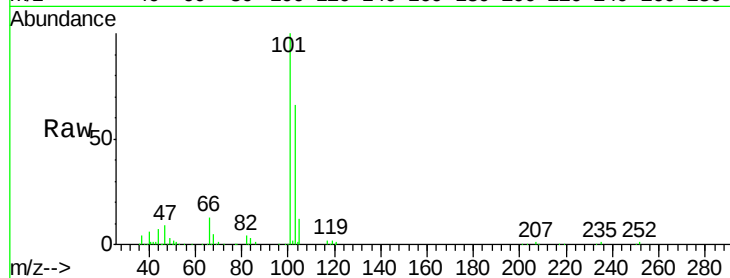


#7

Trichlorofluoromethane
 Concen: 20.29 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065006.D
 Acq: 30 Jan 2020 11:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBSD01

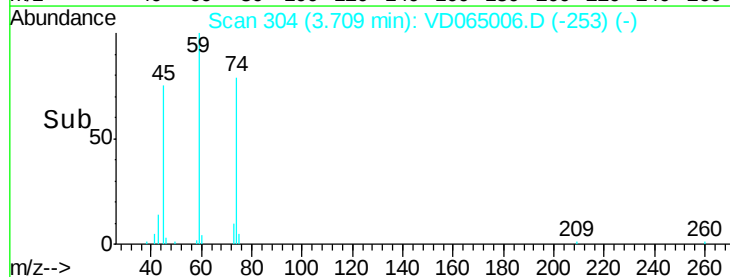
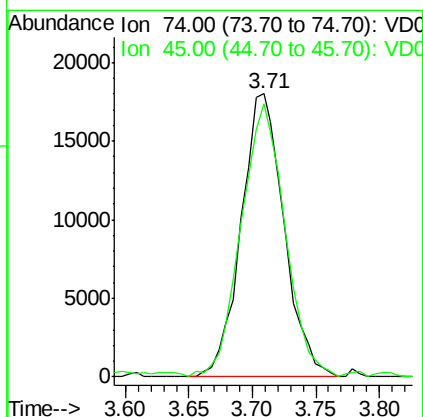
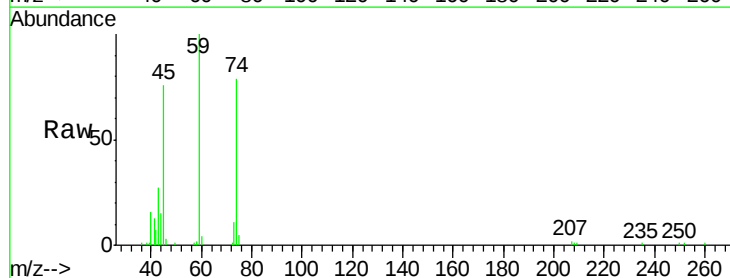
Tgt Ion:101 Resp: 185216
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.5 78.7

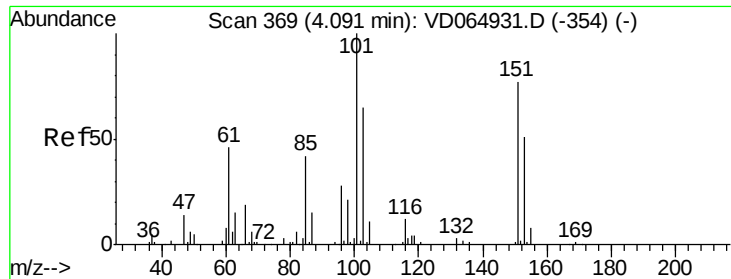


#8

Diethyl Ether
 Concen: 20.51 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065006.D
 Acq: 30 Jan 2020 11:55

Tgt Ion: 74 Resp: 42268
 Ion Ratio Lower Upper
 74 100
 45 98.9 48.5 145.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.32 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBSD01

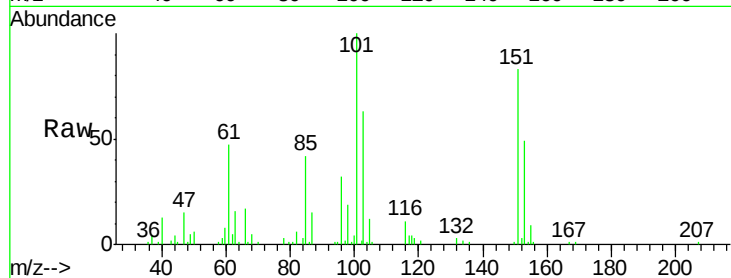
Tgt Ion:101 Resp: 90555

Ion Ratio Lower Upper

101 100

85 44.9 35.0 52.4

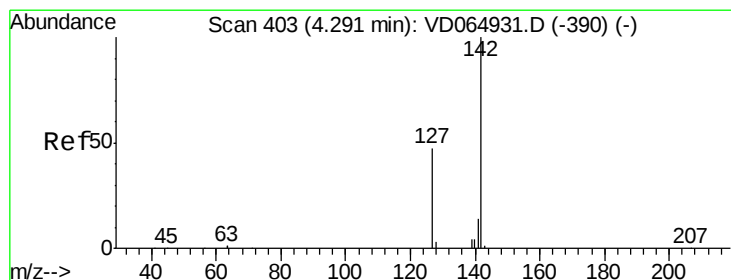
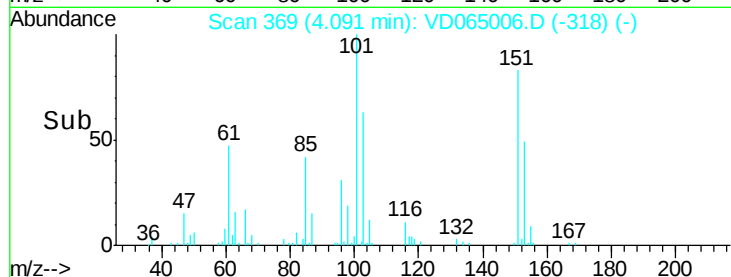
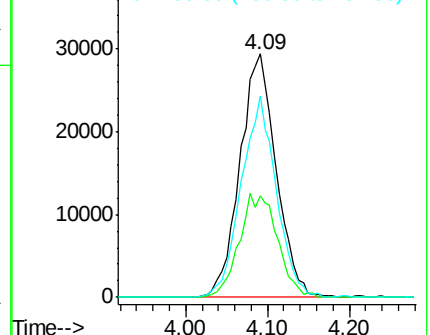
151 79.7 64.6 96.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.69 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

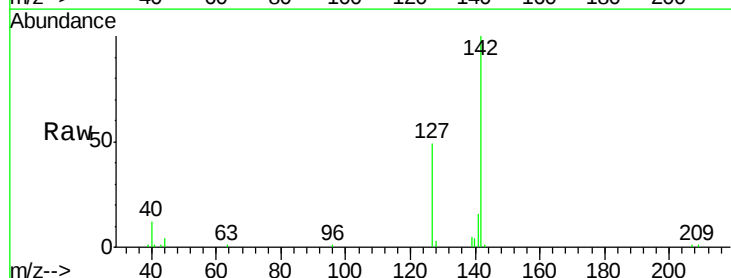
Tgt Ion:142 Resp: 93263

Ion Ratio Lower Upper

142 100

127 48.0 36.2 54.2

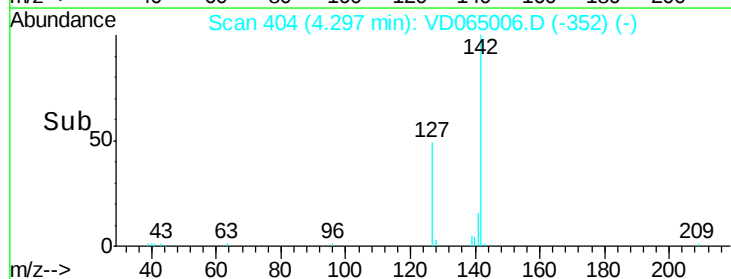
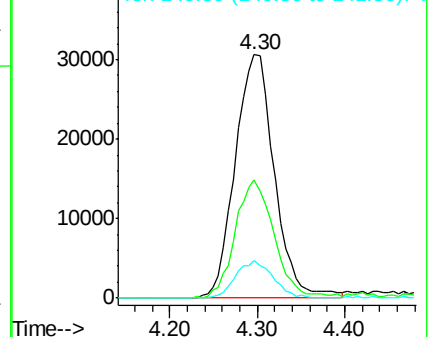
141 14.7 11.6 17.4

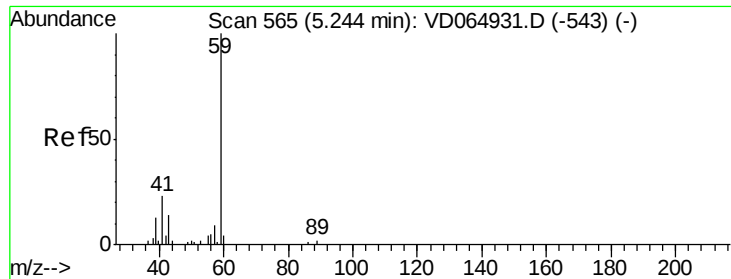


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

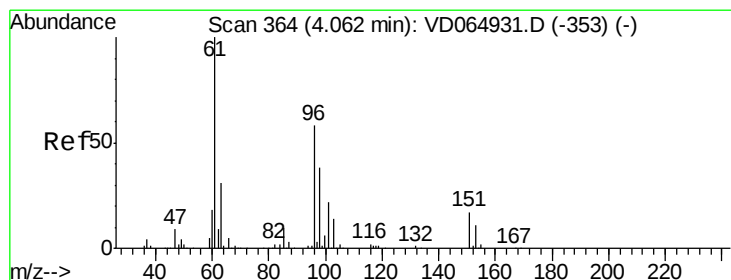
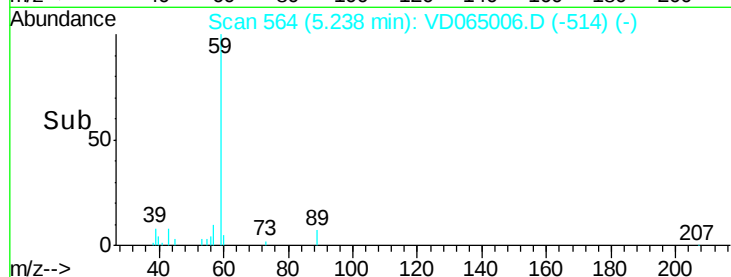
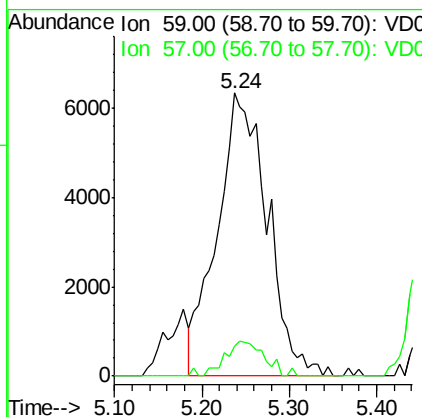
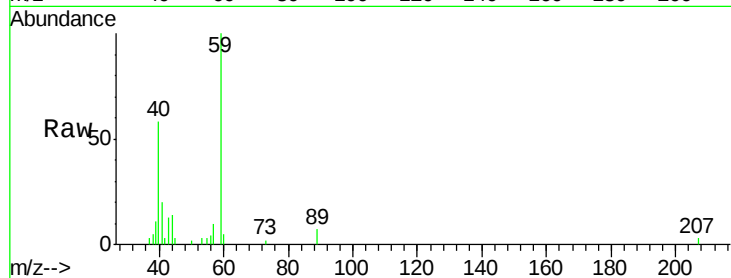




#11
Tert butyl alcohol
Concen: 100.95 ug/l
RT: 5.24 min Scan# 564
Delta R.T. -0.01 min
Lab File: VD065006.D
Acq: 30 Jan 2020 11:55

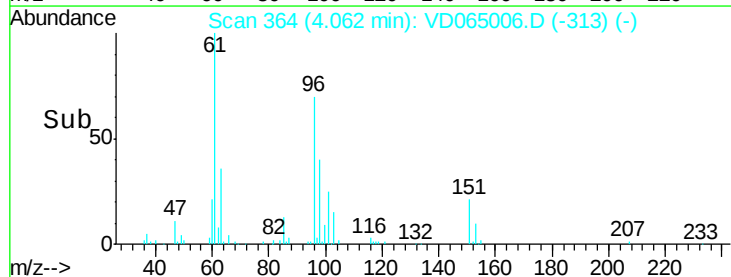
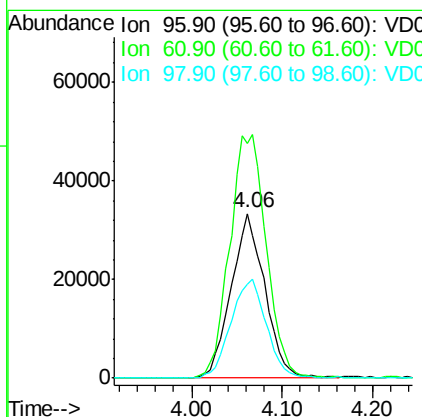
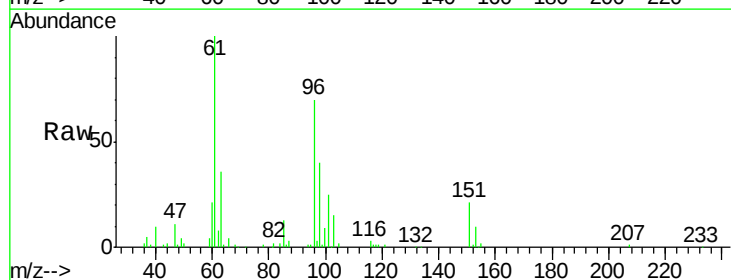
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

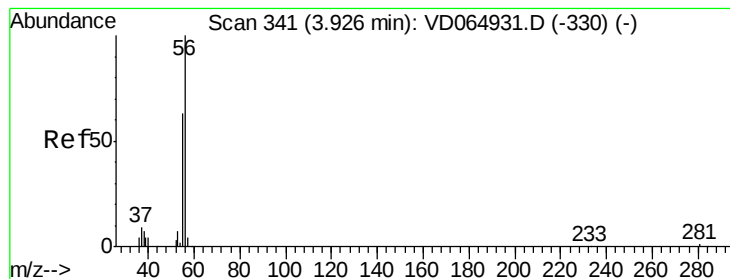
Tgt Ion: 59 Resp: 24938
Ion Ratio Lower Upper
59 100
57 9.2 7.7 11.5



#12
1,1-Dichloroethene
Concen: 21.25 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: VD065006.D
Acq: 30 Jan 2020 11:55

Tgt Ion: 96 Resp: 86196
Ion Ratio Lower Upper
96 100
61 142.3 137.0 205.4
98 57.2 52.1 78.1





#13

Acrolein

Concen: 79.68 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

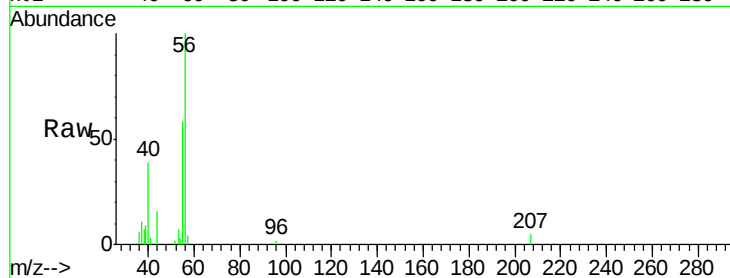
VD0130SBSD01

Tgt Ion: 56 Resp: 24675

Ion Ratio Lower Upper

56 100

55 69.9 59.7 89.5



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

10000

8000

6000

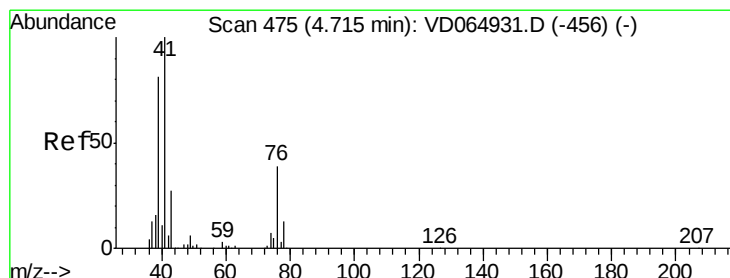
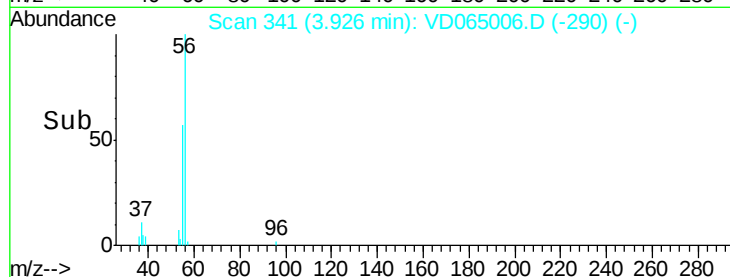
4000

2000

0

Time-->

3.85 3.90 3.95 4.00



#14

Allyl chloride

Concen: 21.07 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

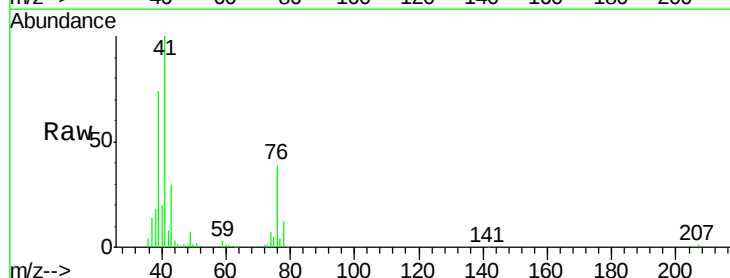
Tgt Ion: 41 Resp: 136320

Ion Ratio Lower Upper

41 100

39 77.1 62.0 93.0

76 37.5 29.3 43.9



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

4.71

60000

50000

40000

30000

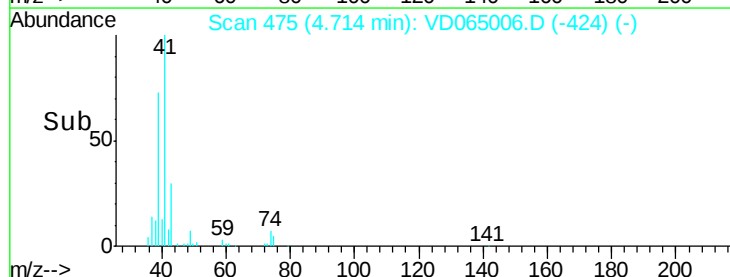
20000

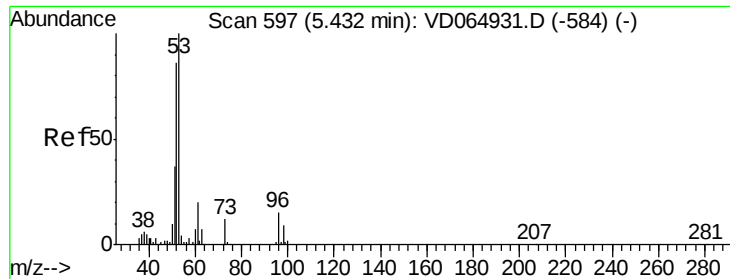
10000

0

Time-->

4.60 4.70 4.80





#15

Acrylonitrile

Concen: 103.65 ug/l

RT: 5.44 min Scan# 598

Delta R.T. 0.01 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBSD01

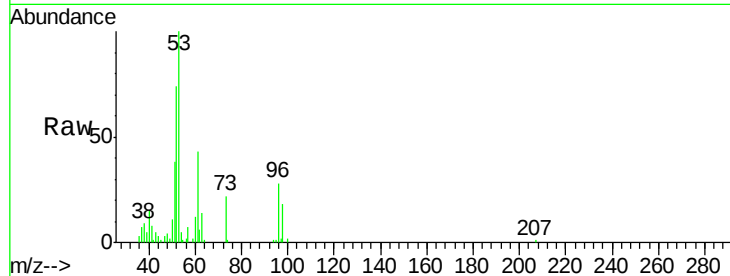
Tgt Ion: 53 Resp: 92485

Ion Ratio Lower Upper

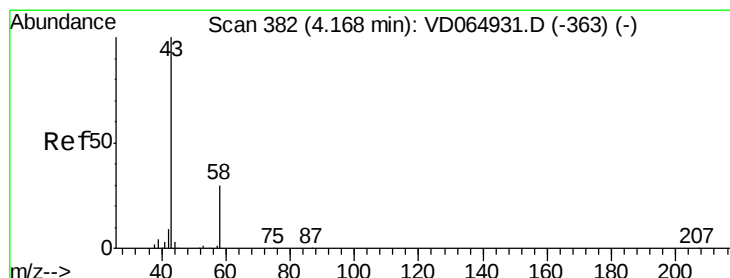
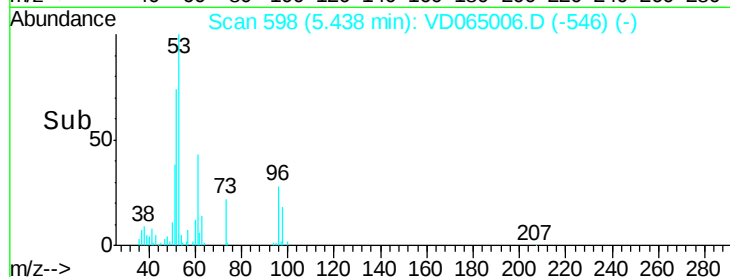
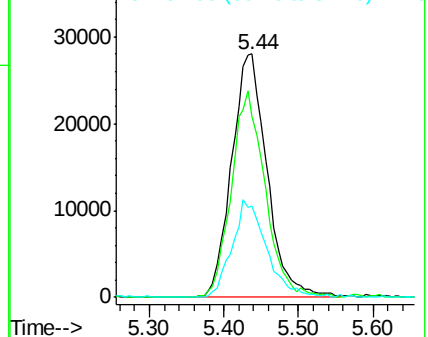
53 100

52 80.8 66.7 100.1

51 38.9 31.1 46.7



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 86.20 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065006.D

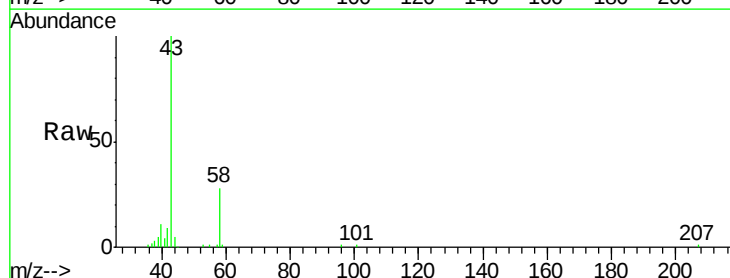
Acq: 30 Jan 2020 11:55

Tgt Ion: 43 Resp: 91359

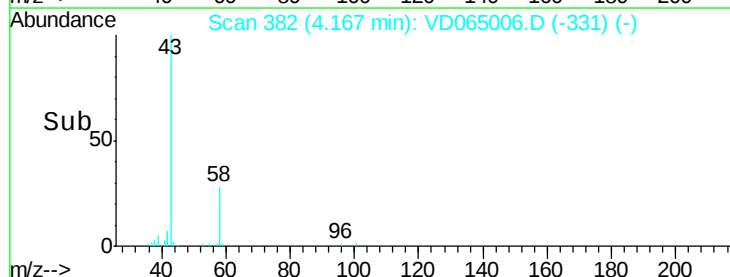
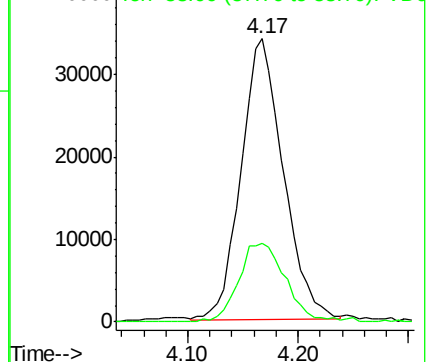
Ion Ratio Lower Upper

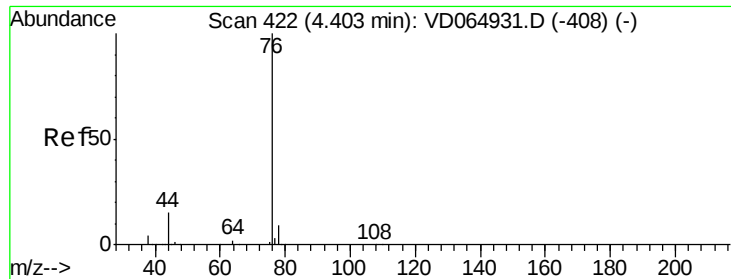
43 100

58 27.3 23.8 35.8



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

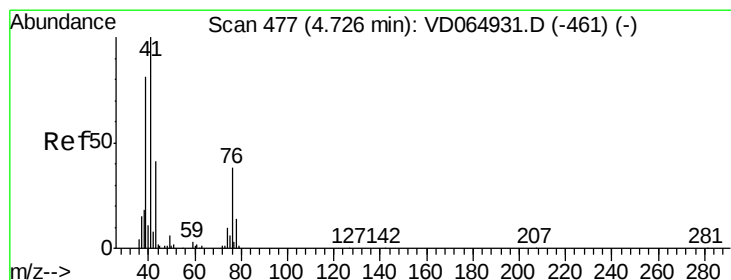
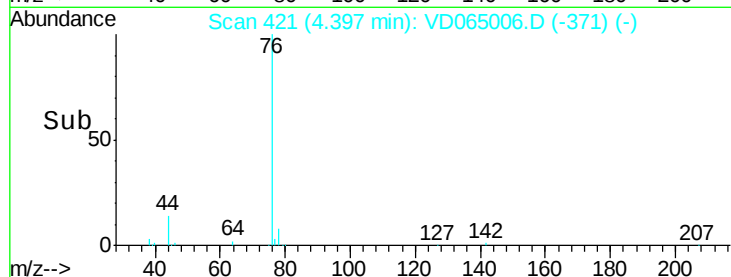
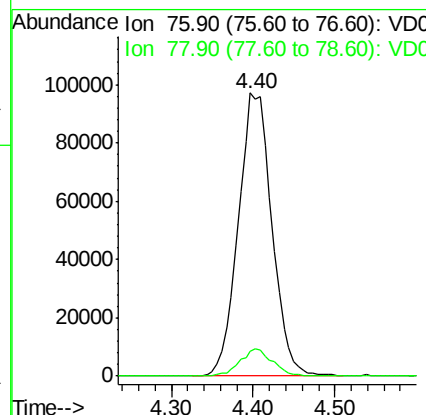
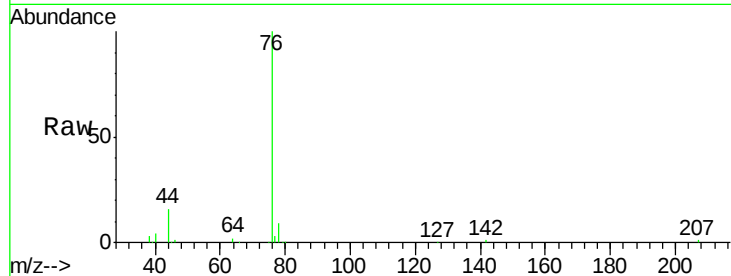




#17
Carbon Disulfide
Concen: 20.87 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD065006.D
Acq: 30 Jan 2020 11:55

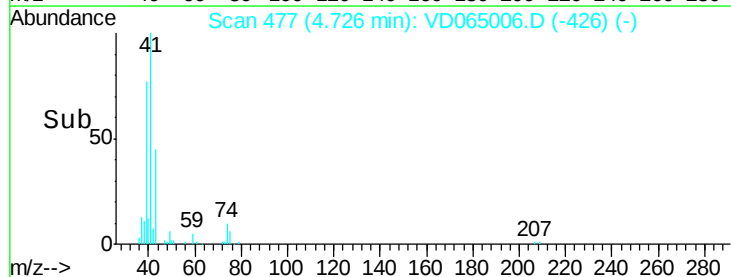
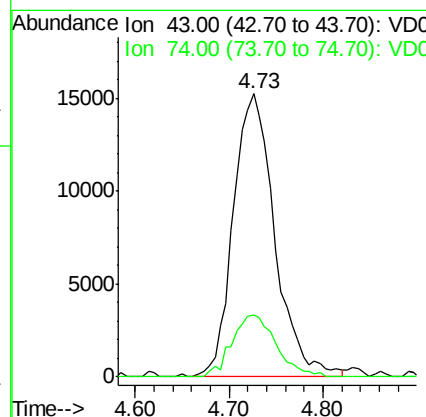
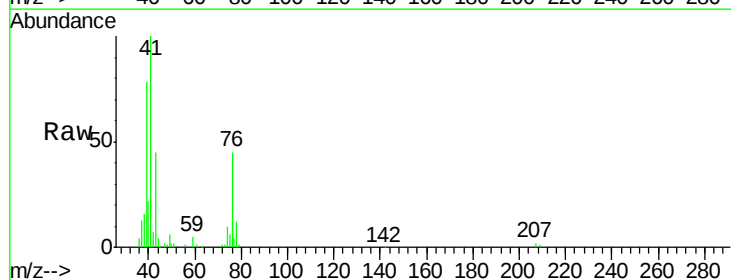
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

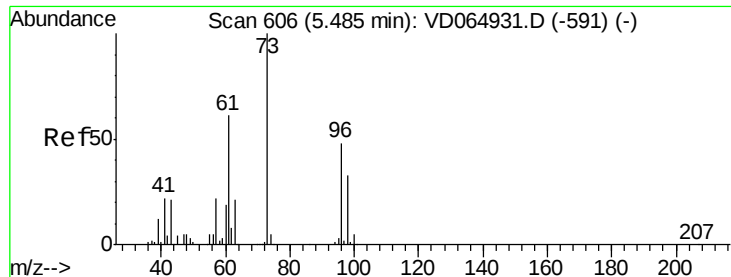
Tgt Ion: 76 Resp: 278656
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#18
Methyl Acetate
Concen: 22.30 ug/l
RT: 4.73 min Scan# 477
Delta R.T. -0.00 min
Lab File: VD065006.D
Acq: 30 Jan 2020 11:55

Tgt Ion: 43 Resp: 46697
Ion Ratio Lower Upper
43 100
74 23.5 19.1 28.7

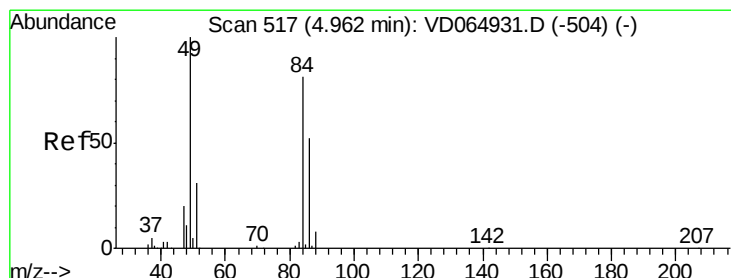
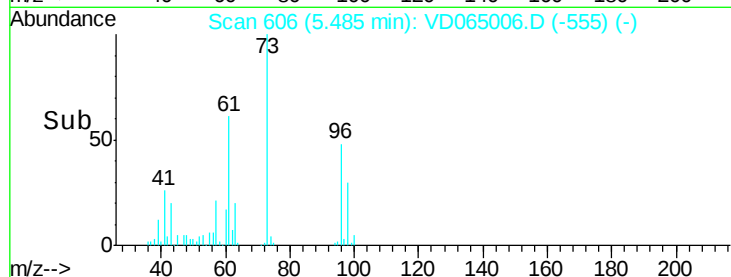
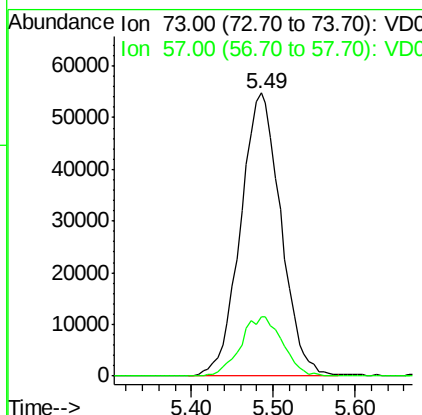
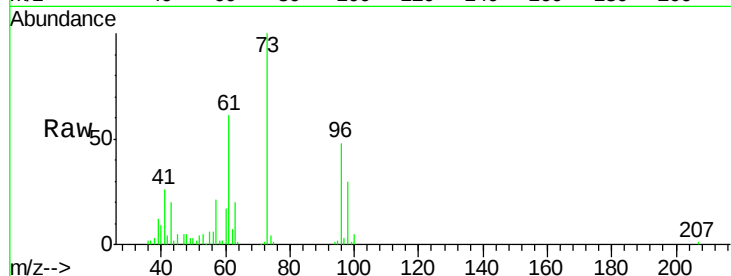




#19
Methyl tert-butyl Ether
Concen: 20.72 ug/l
RT: 5.49 min Scan# 606
Delta R.T. -0.00 min
Lab File: VD065006.D
Acq: 30 Jan 2020 11:55

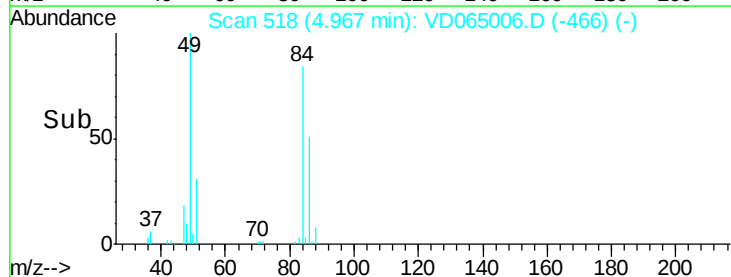
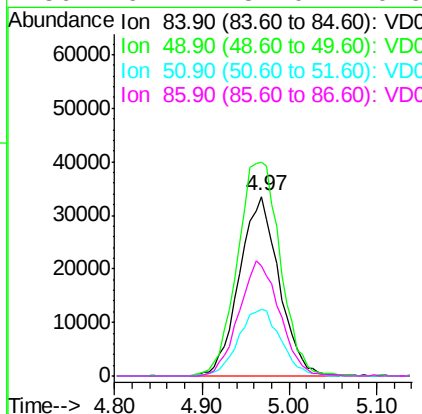
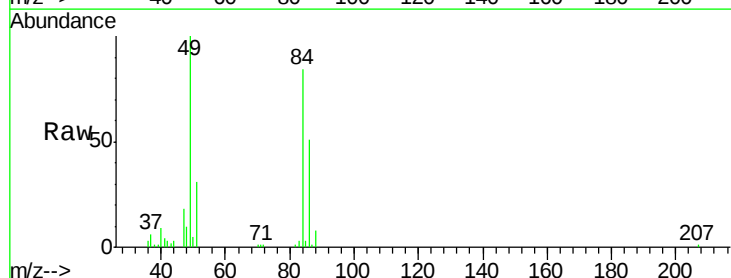
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

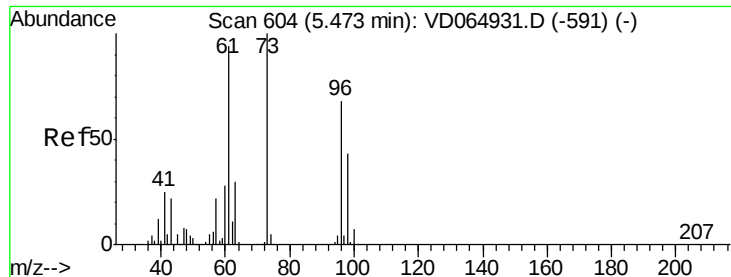
Tgt Ion: 73 Resp: 187807
Ion Ratio Lower Upper
73 100
57 21.1 17.9 26.9



#20
Methylene Chloride
Concen: 19.97 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD065006.D
Acq: 30 Jan 2020 11:55

Tgt Ion: 84 Resp: 103535
Ion Ratio Lower Upper
84 100
49 119.0 98.4 147.6
51 37.1 30.8 46.2
86 61.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 21.15 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBSD01

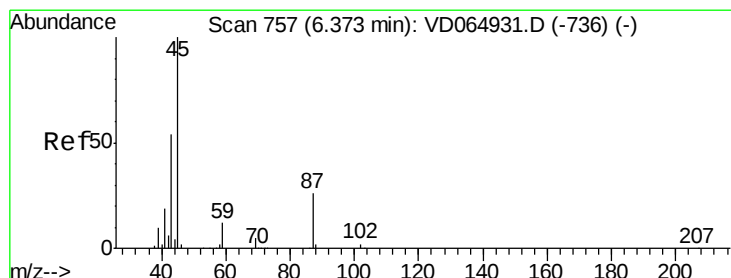
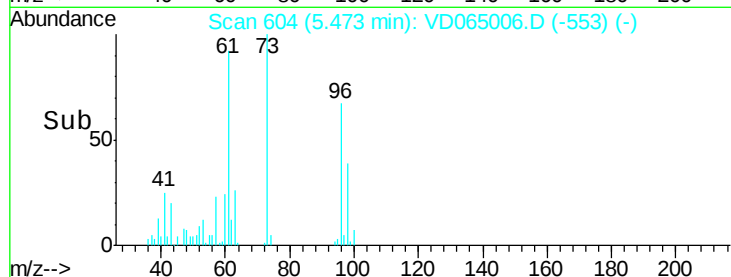
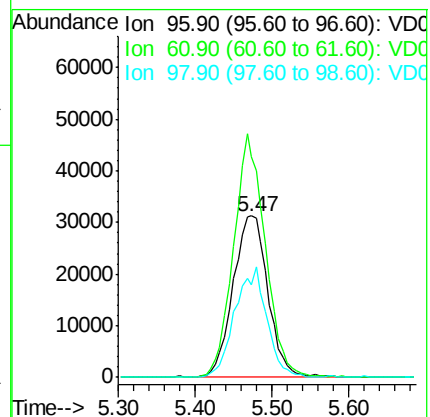
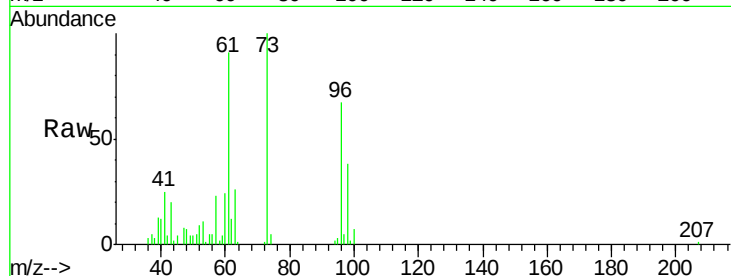
Tgt Ion: 96 Resp: 98876

Ion Ratio Lower Upper

96 100

61 136.8 110.4 165.6

98 57.5 50.5 75.7



#22

Diisopropyl ether

Concen: 21.61 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Tgt Ion: 45 Resp: 278649

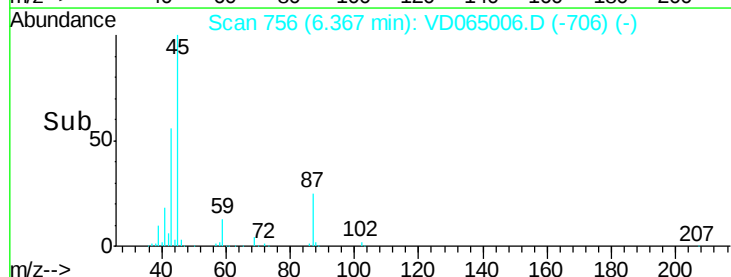
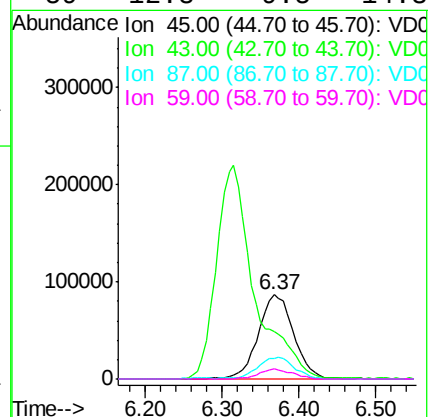
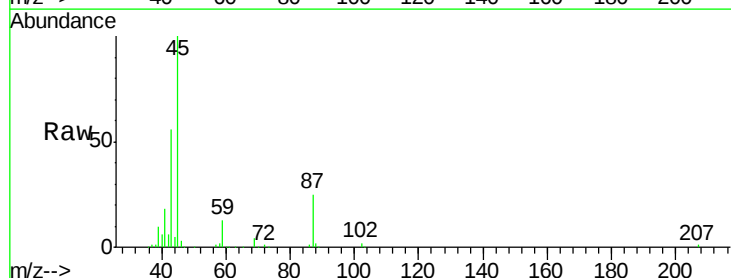
Ion Ratio Lower Upper

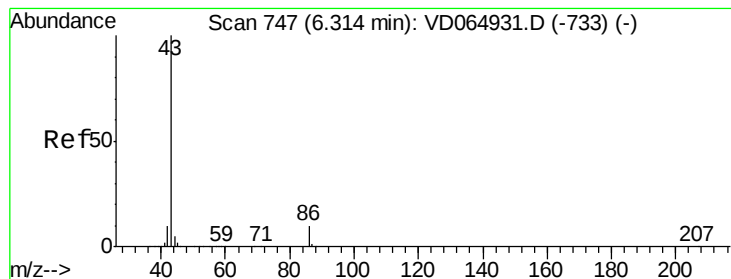
45 100

43 54.9 43.1 64.7

87 24.0 21.4 32.2

59 12.8 9.5 14.3





#23

Vinyl Acetate

Concen: 99.86 ug/l

RT: 6.31 min Scan# 747

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

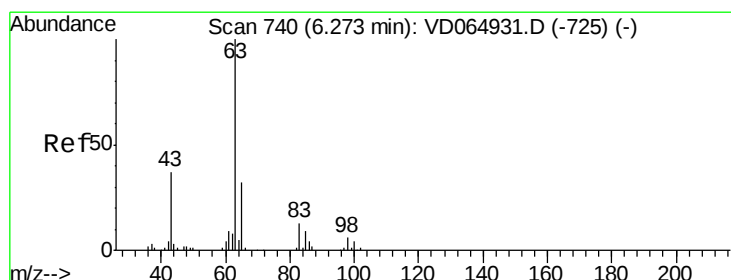
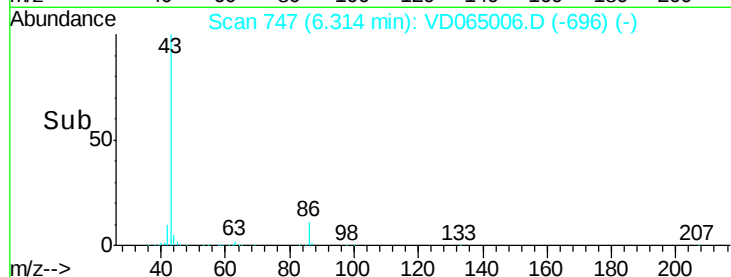
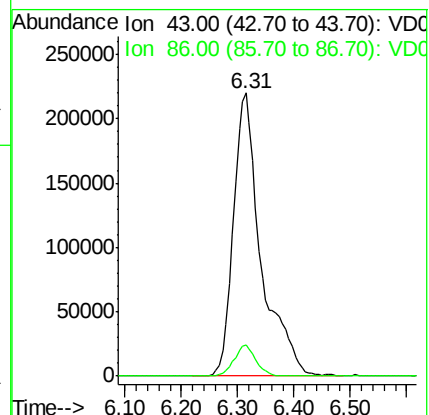
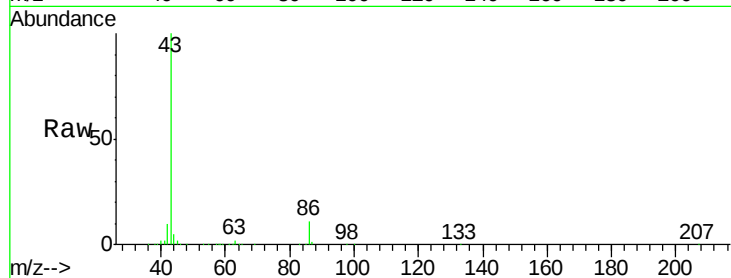
VD0130SBS01

Tgt Ion: 43 Resp: 753923

Ion Ratio Lower Upper

43 100

86 11.0 8.3 12.5



#24

1,1-Dichloroethane

Concen: 21.52 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

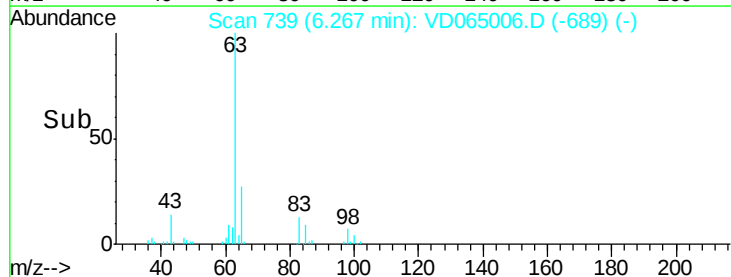
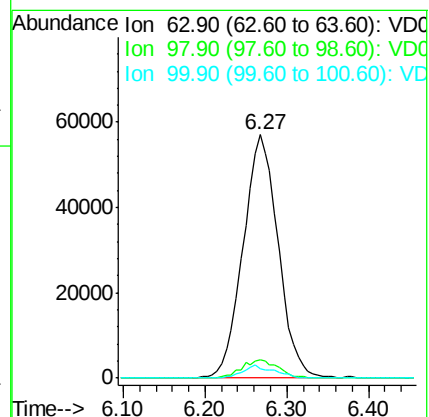
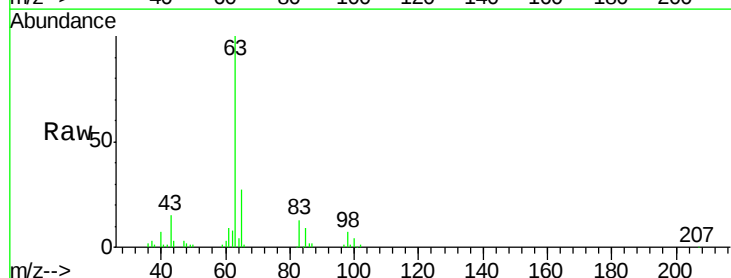
Tgt Ion: 63 Resp: 170379

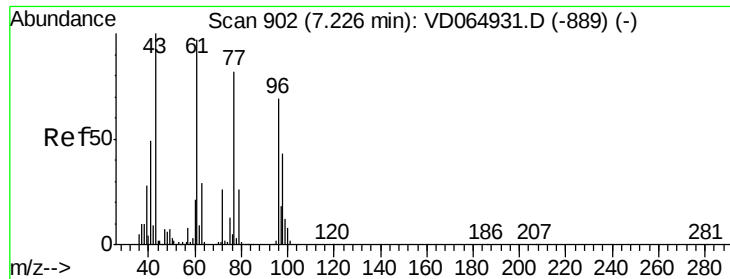
Ion Ratio Lower Upper

63 100

98 7.4 3.1 9.3

100 4.0 2.3 6.8





#25

2-Butanone

Concen: 99.32 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

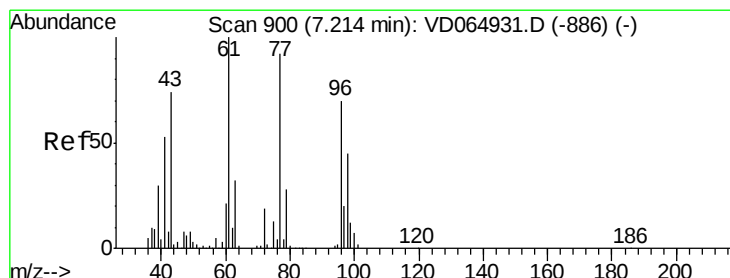
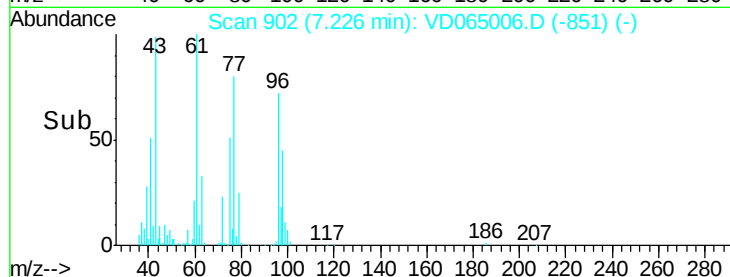
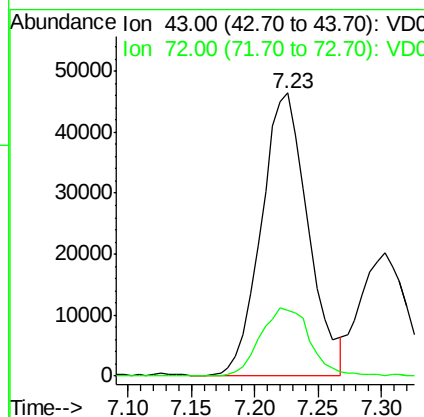
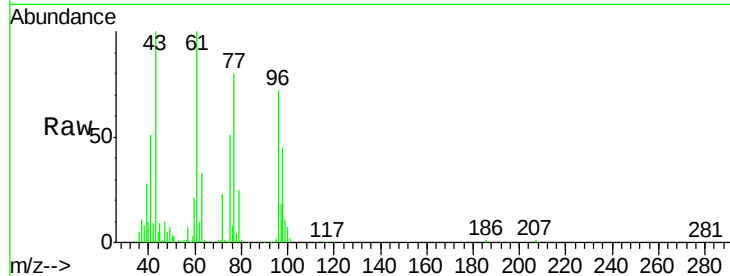
VD0130SBSD01

Tgt Ion: 43 Resp: 119950

Ion Ratio Lower Upper

43 100

72 23.3 20.6 31.0



#26

2,2-Dichloropropane

Concen: 21.75 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065006.D

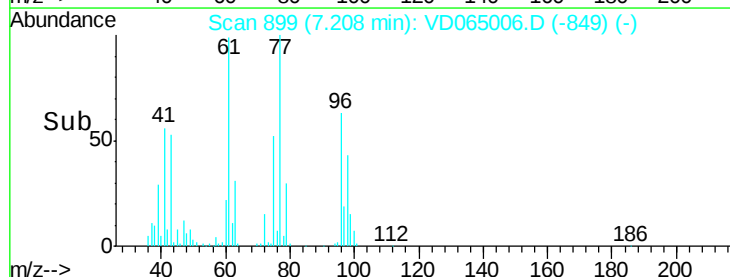
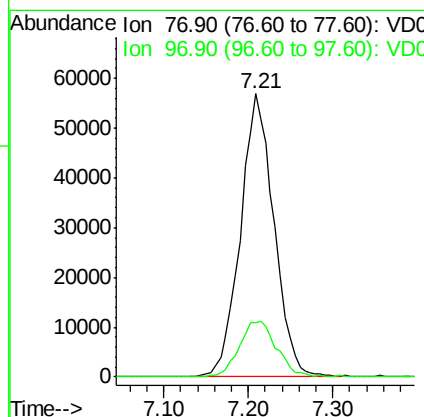
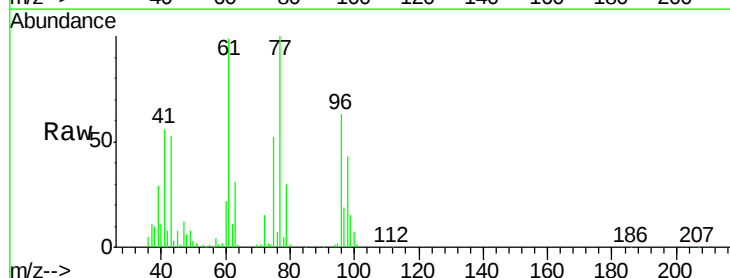
Acq: 30 Jan 2020 11:55

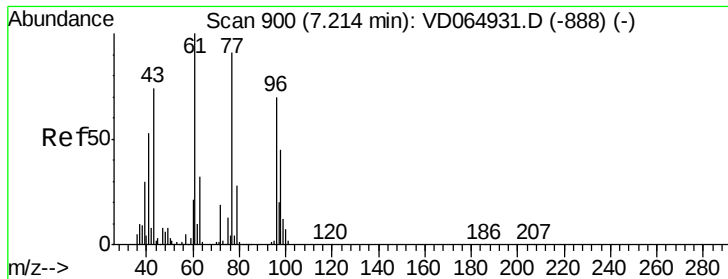
Tgt Ion: 77 Resp: 156184

Ion Ratio Lower Upper

77 100

97 21.8 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.35 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBSD01

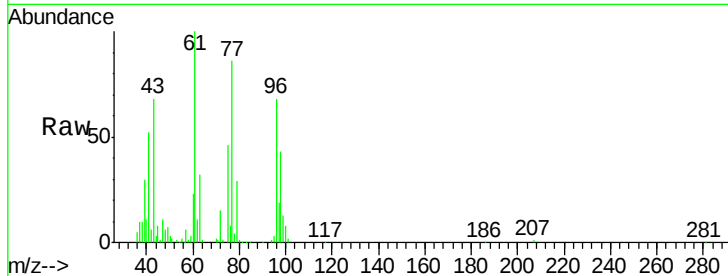
Tgt Ion: 96 Resp: 106495

Ion Ratio Lower Upper

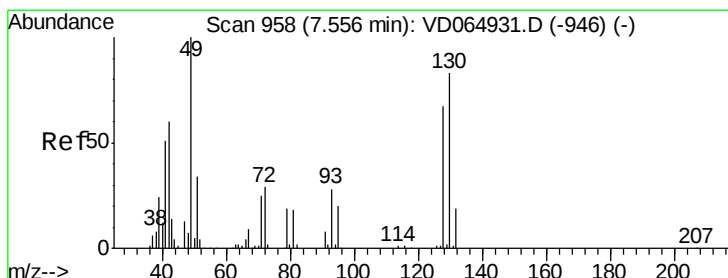
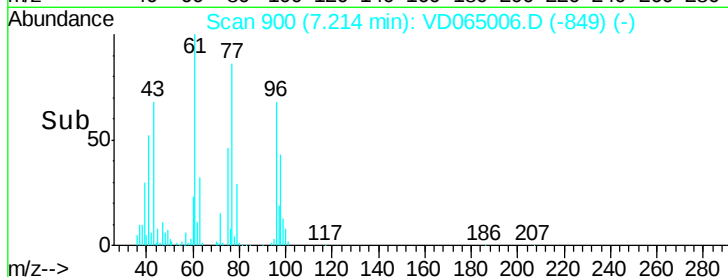
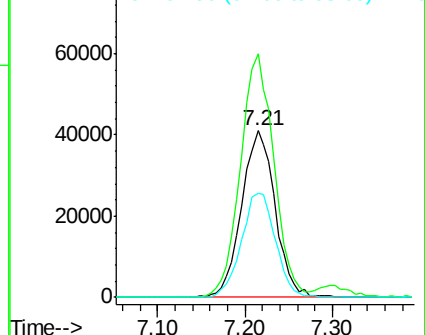
96 100

61 145.7 0.0 292.8

98 63.3 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 17.45 ug/l

RT: 7.55 min Scan# 957

Delta R.T. -0.01 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

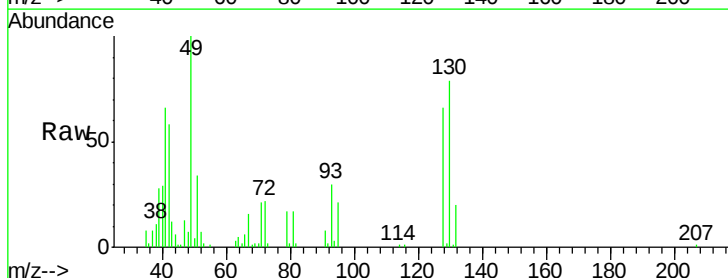
Tgt Ion: 49 Resp: 55256

Ion Ratio Lower Upper

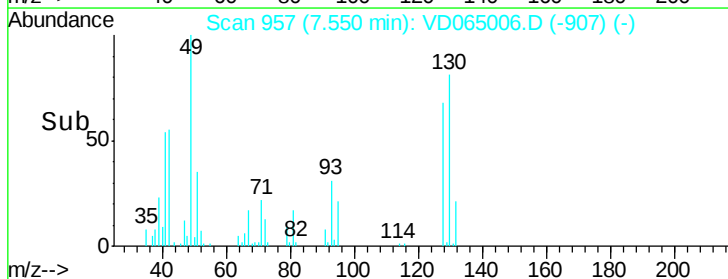
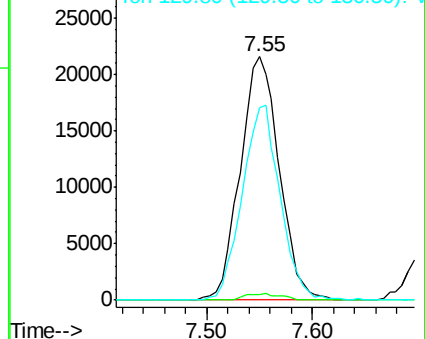
49 100

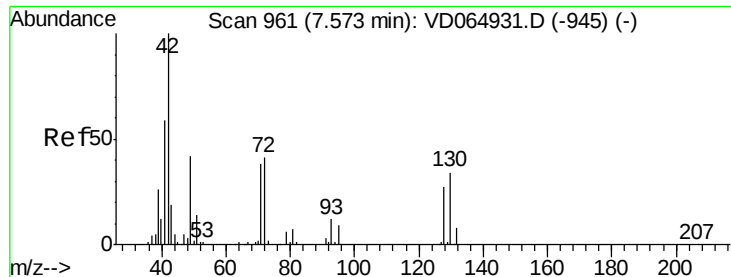
129 2.4 0.0 4.4

130 77.8 63.8 95.8



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC

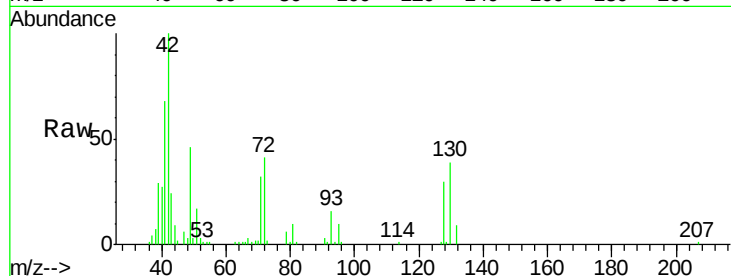




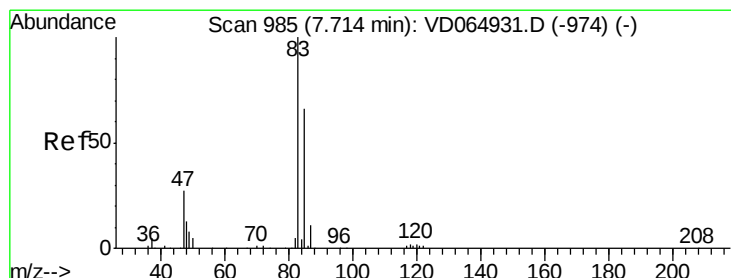
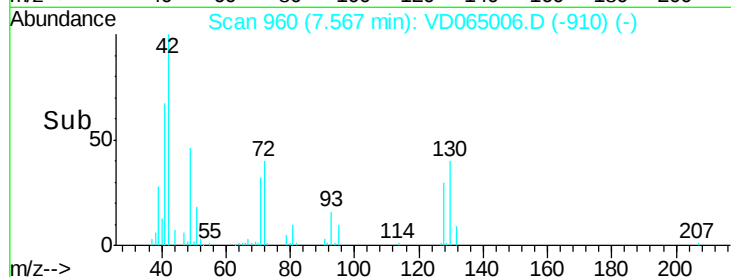
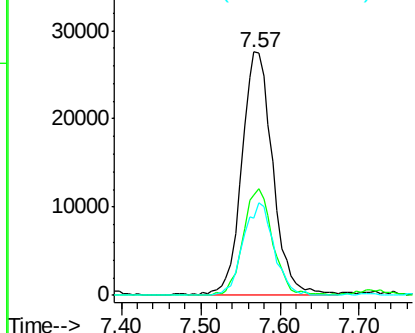
#29
Tetrahydrofuran
Concen: 100.87 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD065006.D
Acq: 30 Jan 2020 11:55

Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

Tgt Ion: 42 Resp: 75162
Ion Ratio Lower Upper
42 100
72 41.7 34.0 51.0
71 37.2 31.5 47.3

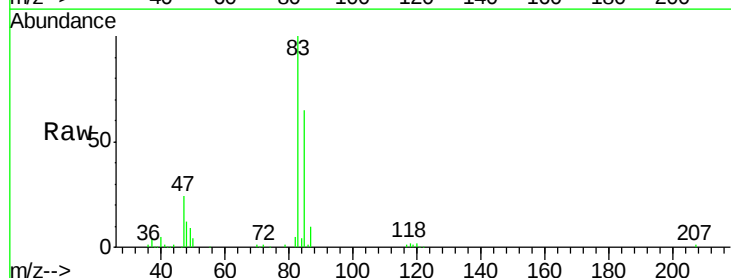


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

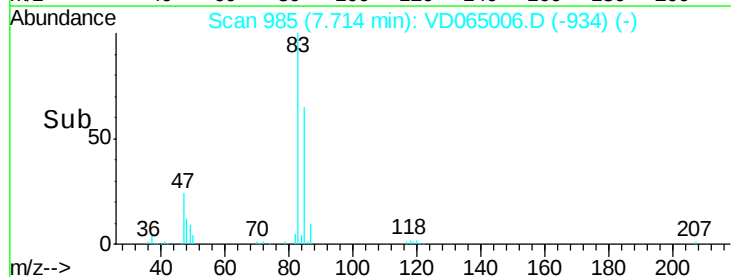
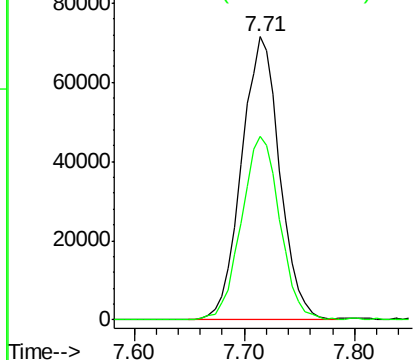


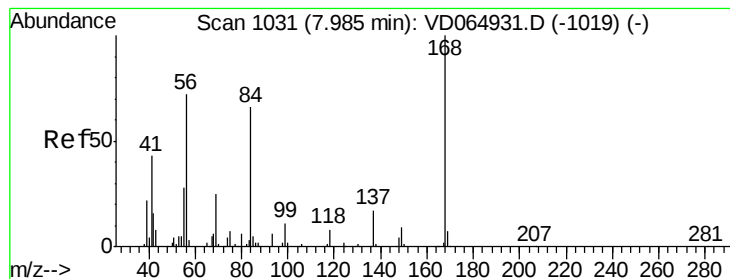
#30
Chloroform
Concen: 21.21 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065006.D
Acq: 30 Jan 2020 11:55

Tgt Ion: 83 Resp: 173559
Ion Ratio Lower Upper
83 100
85 64.7 52.4 78.6



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





#31

Cyclohexane

Concen: 20.33 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBSD01

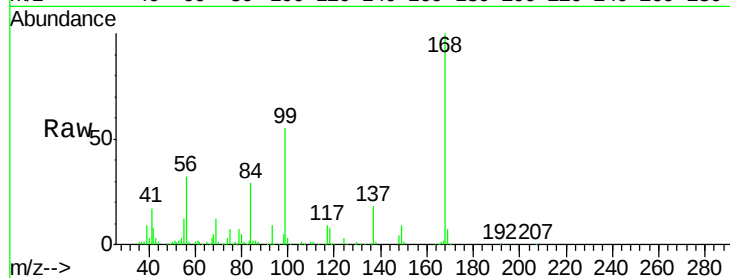
Tgt Ion: 56 Resp: 158302

Ion Ratio Lower Upper

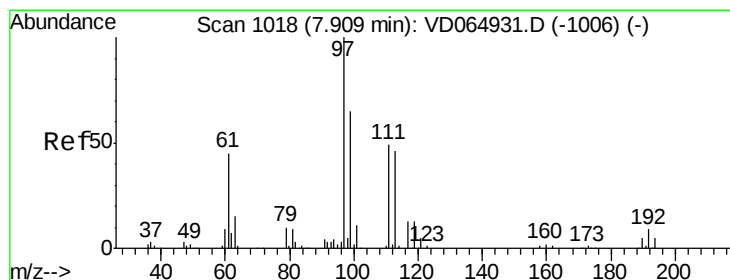
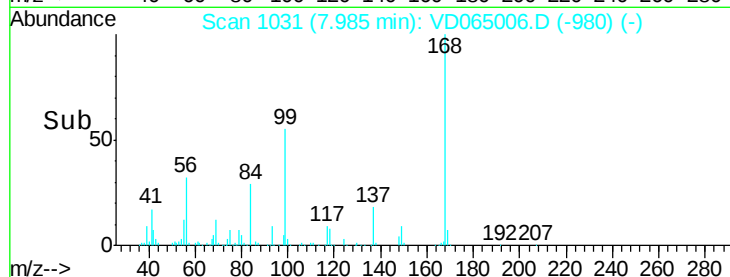
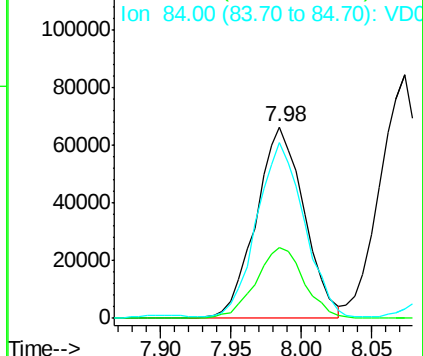
56 100

69 37.3 27.9 41.9

84 90.6 72.8 109.2



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



#32

1,1,1-Trichloroethane

Concen: 21.29 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

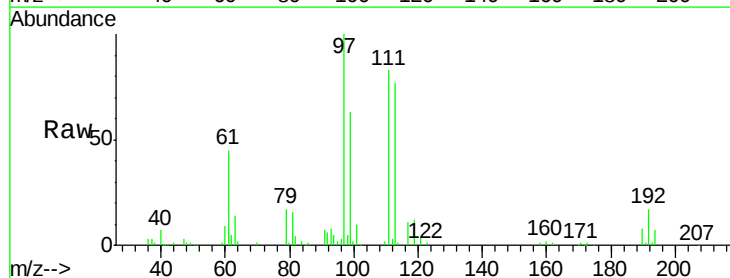
Tgt Ion: 97 Resp: 162130

Ion Ratio Lower Upper

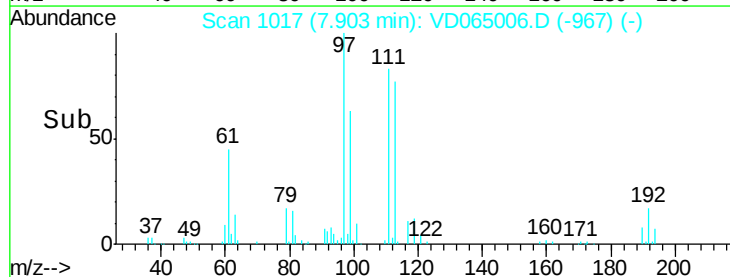
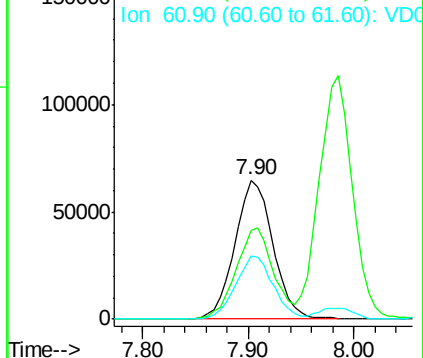
97 100

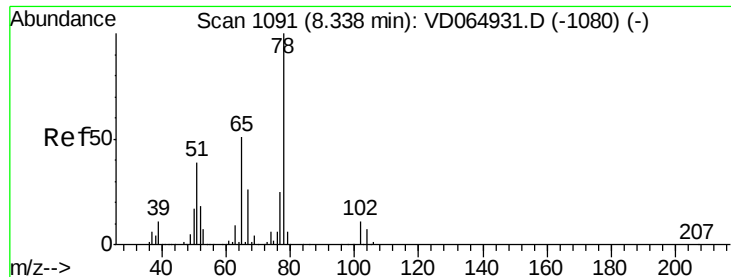
99 64.4 50.6 76.0

61 44.6 35.7 53.5



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: 51.23 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

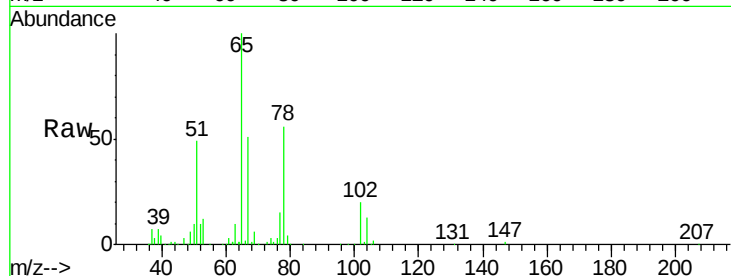
VD0130SBSD01

Tgt Ion: 65 Resp: 229005

Ion Ratio Lower Upper

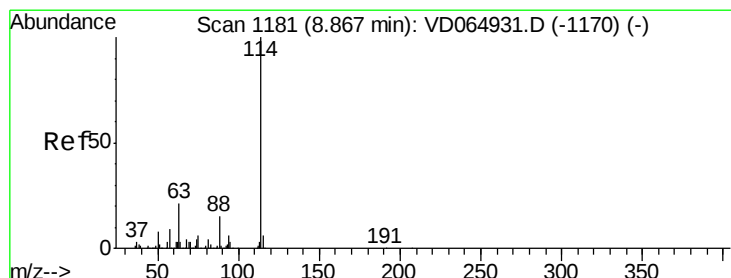
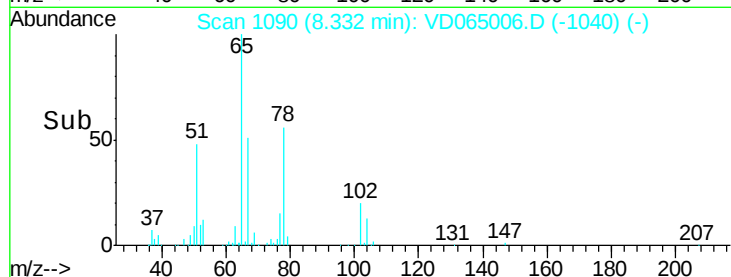
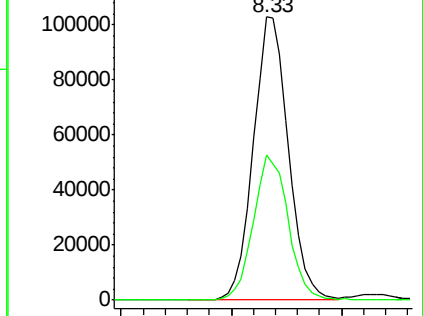
65 100

67 51.0 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

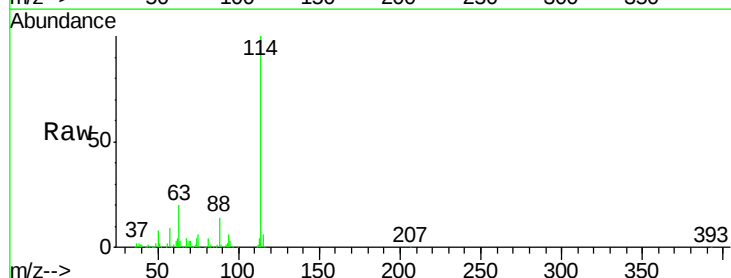
Tgt Ion: 114 Resp: 693929

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.0

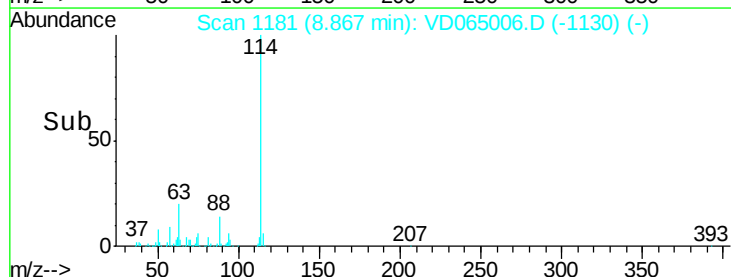
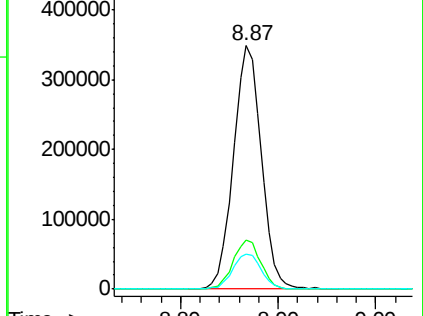
88 14.2 0.0 29.4

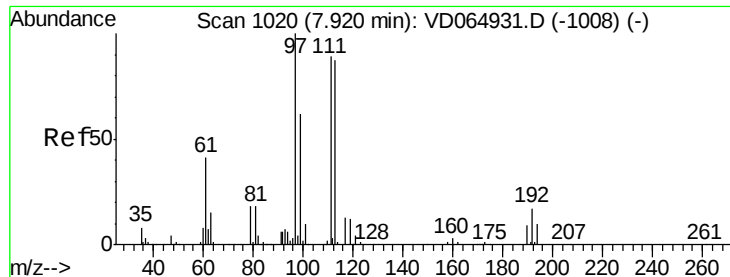


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

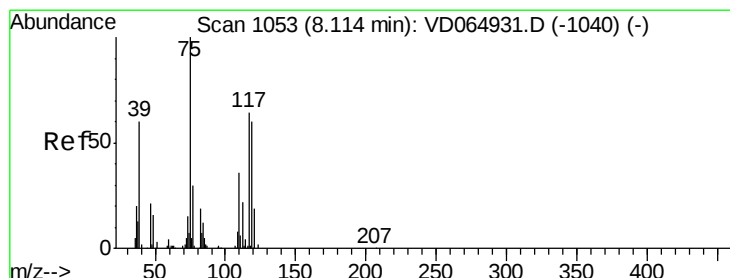
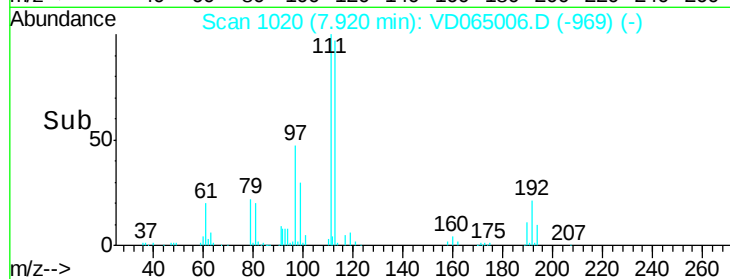
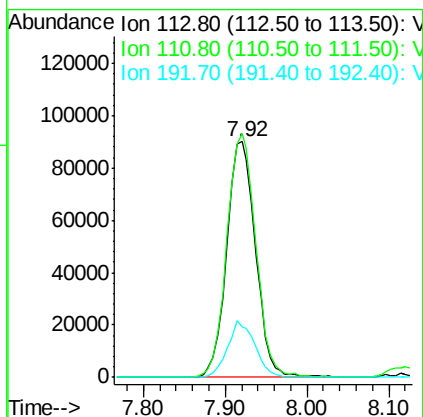
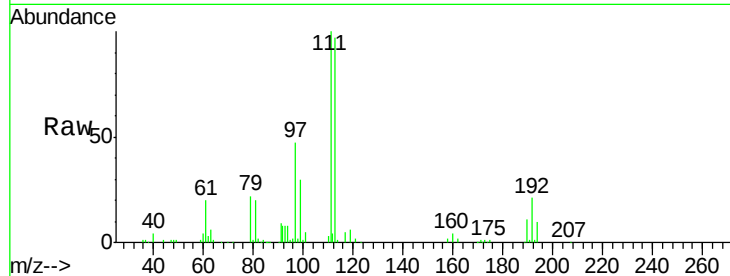




#35
 Dibromofluoromethane
 Concen: 50.69 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065006.D
 Acq: 30 Jan 2020 11:55

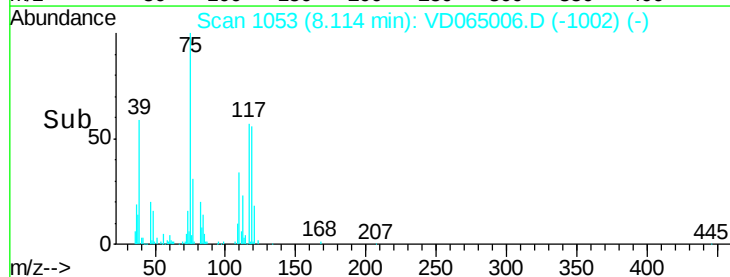
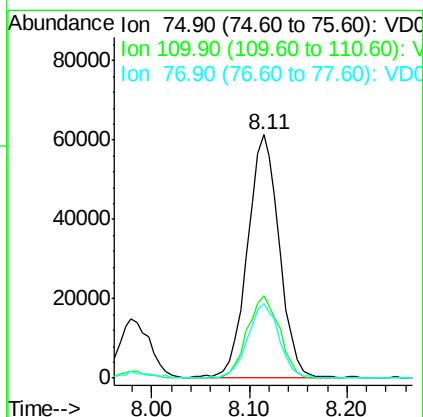
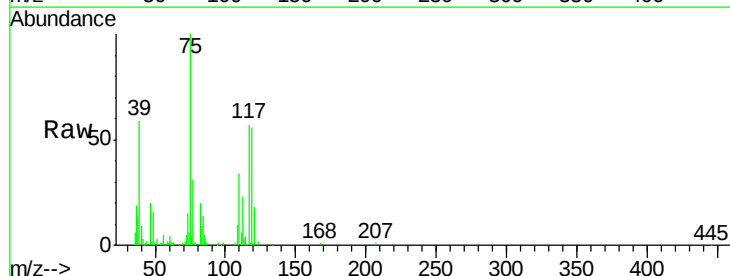
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBSD01

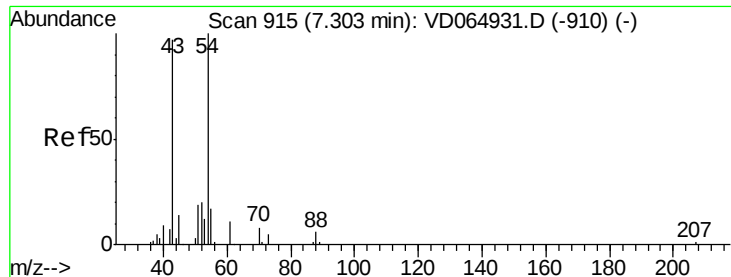
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.4	123.6
192	22.6	16.9	25.3



#36
 1,1-Dichloropropene
 Concen: 20.98 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065006.D
 Acq: 30 Jan 2020 11:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.3	52.0
77	30.5	24.7	37.1

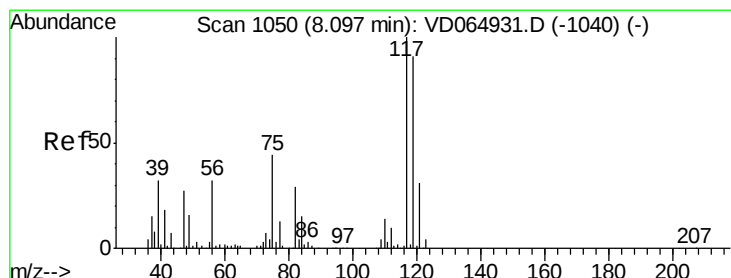
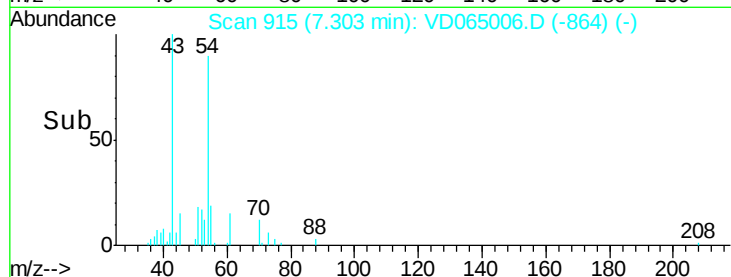
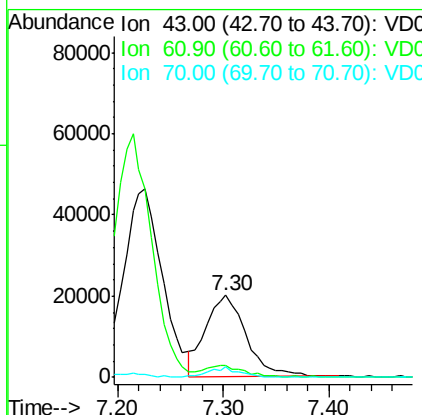
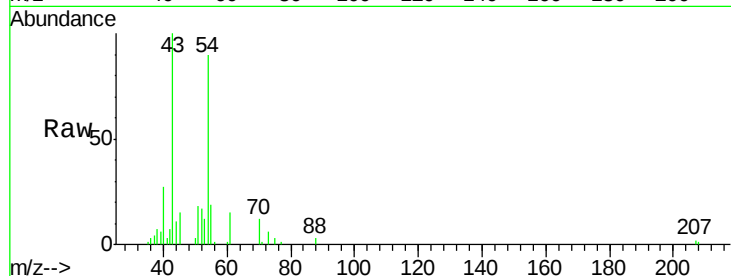




#37
 Ethyl Acetate
 Concen: 19.36 ug/l
 RT: 7.30 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VD065006.D
 Acq: 30 Jan 2020 11:55

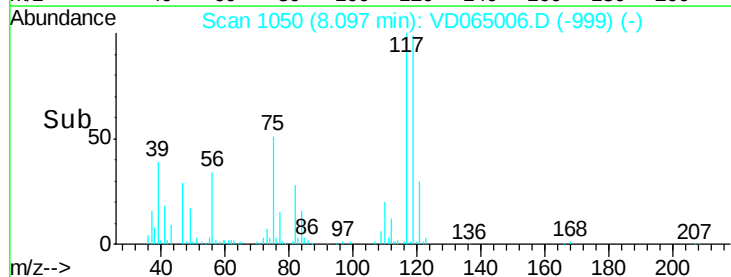
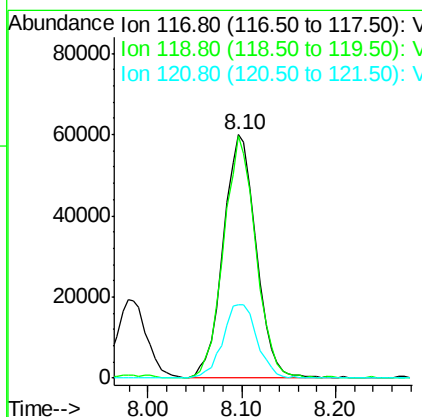
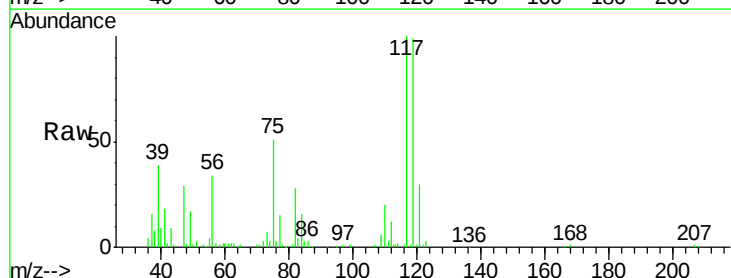
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBSD01

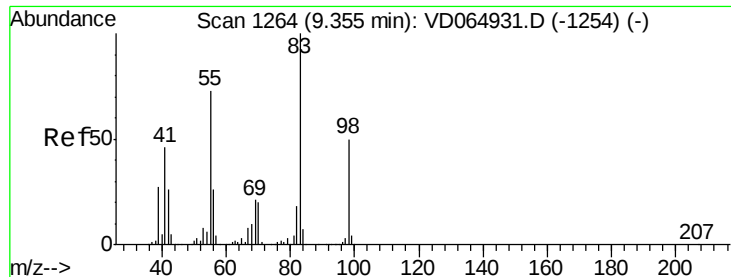
Tgt Ion: 43 Resp: 53507
 Ion Ratio Lower Upper
 43 100
 61 12.7 11.0 16.4
 70 9.4 7.5 11.3



#38
 Carbon Tetrachloride
 Concen: 20.49 ug/l
 RT: 8.10 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VD065006.D
 Acq: 30 Jan 2020 11:55

Tgt Ion: 117 Resp: 144886
 Ion Ratio Lower Upper
 117 100
 119 99.6 73.2 109.8
 121 30.4 24.4 36.6

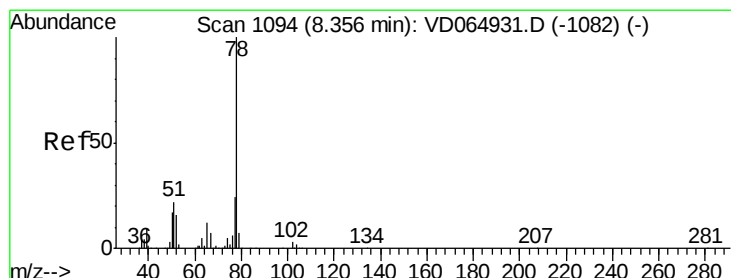
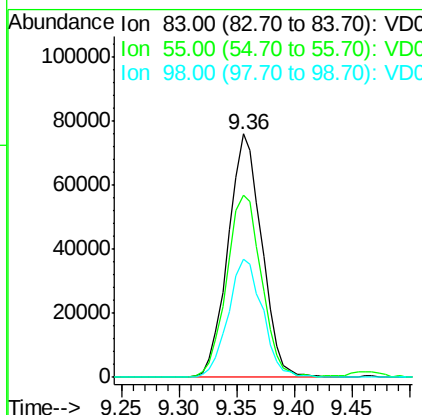
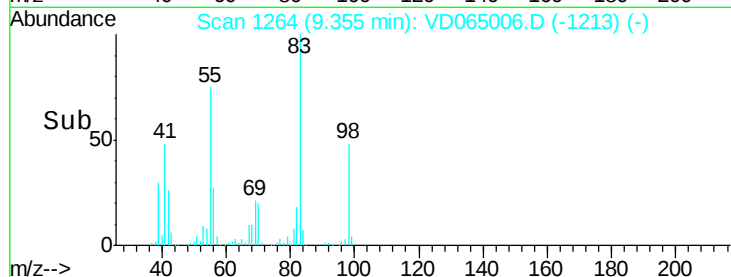
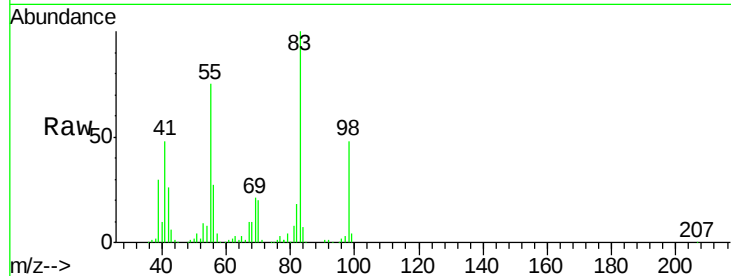




#39
Methylcyclohexane
Concen: 19.68 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065006.D
Acq: 30 Jan 2020 11:55

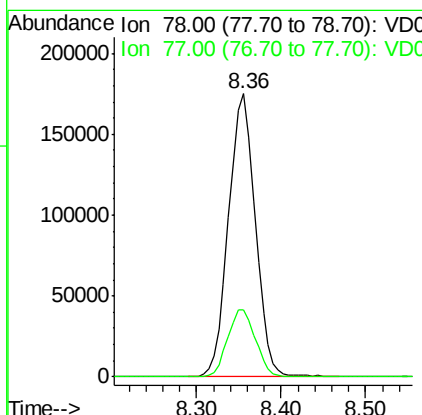
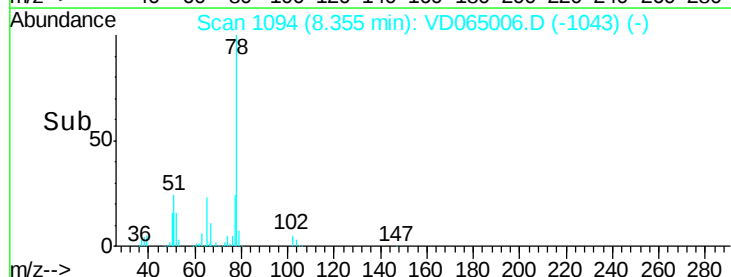
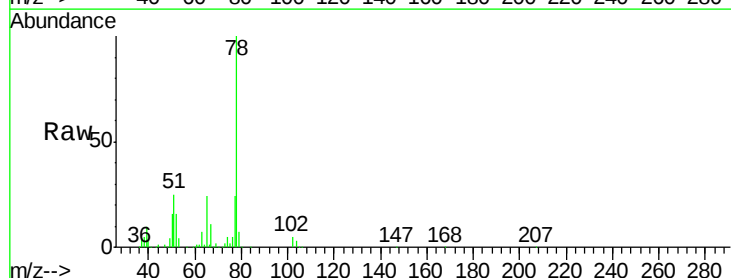
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBS01

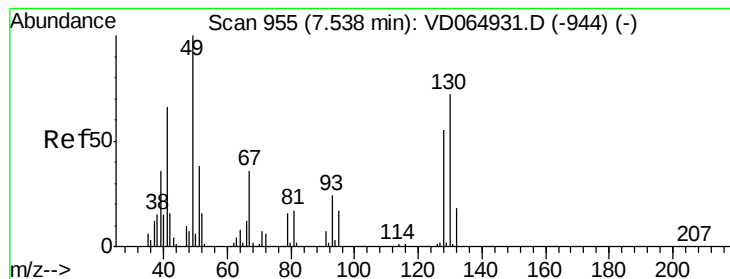
Tgt Ion: 83 Resp: 153968
Ion Ratio Lower Upper
83 100
55 74.7 58.7 88.1
98 48.5 40.2 60.2



#40
Benzene
Concen: 20.85 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065006.D
Acq: 30 Jan 2020 11:55

Tgt Ion: 78 Resp: 384158
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8





#41

Methacrylonitrile

Concen: 20.91 ug/l

RT: 7.53 min Scan# 954

Delta R.T. -0.01 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBSD01

Tgt Ion: 41 Resp: 31134

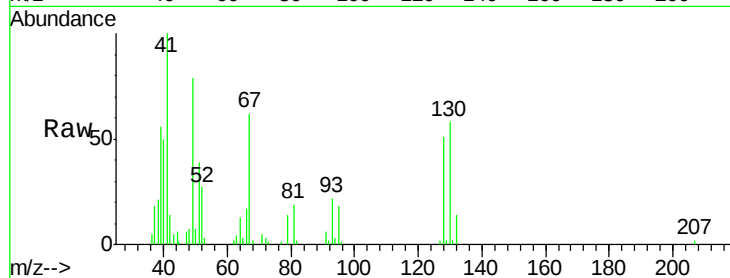
Ion Ratio Lower Upper

41 100

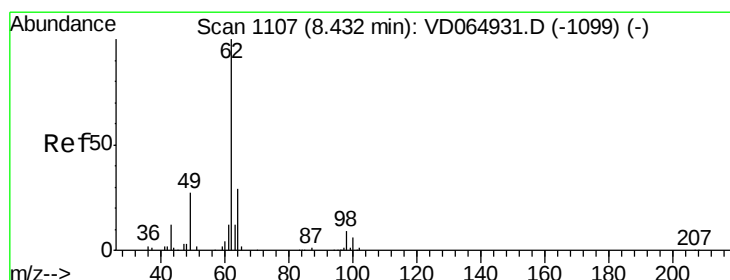
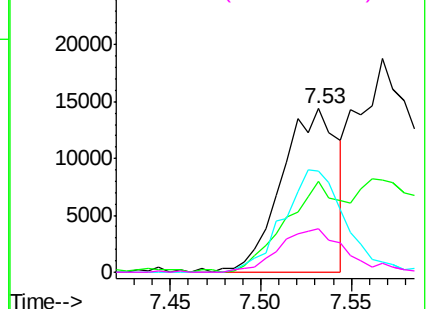
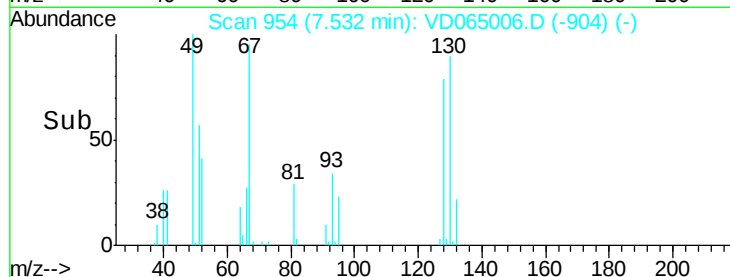
39 58.9 49.3 73.9

67 69.0 51.0 76.6

52 31.3 22.3 33.5



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: 20.57 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VD065006.D

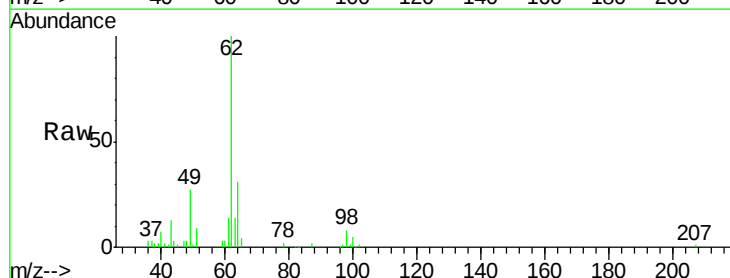
Acq: 30 Jan 2020 11:55

Tgt Ion: 62 Resp: 112911

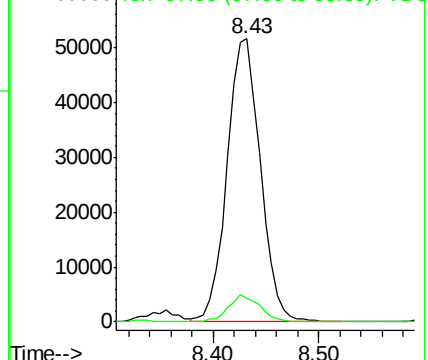
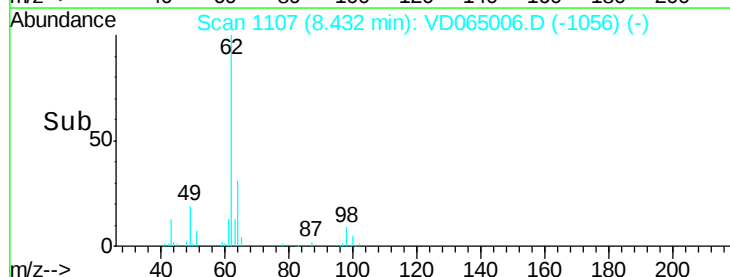
Ion Ratio Lower Upper

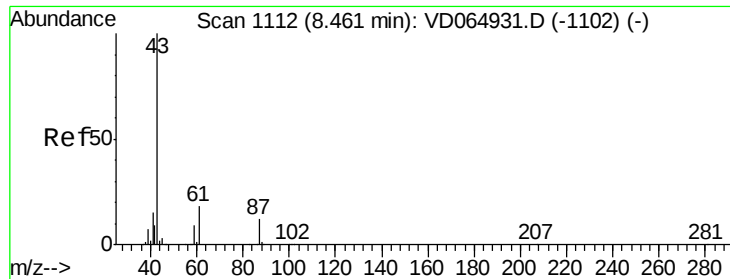
62 100

98 9.2 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.54 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBSD01

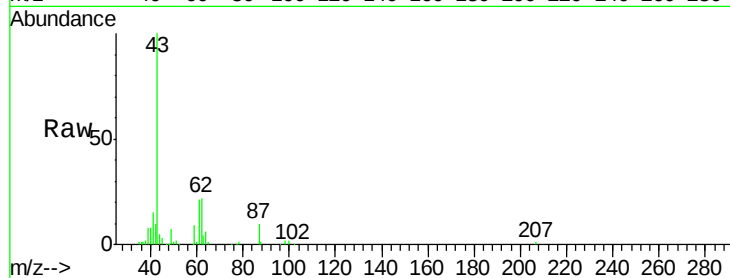
Tgt Ion: 43 Resp: 102590

Ion Ratio Lower Upper

43 100

61 29.7 23.8 35.6

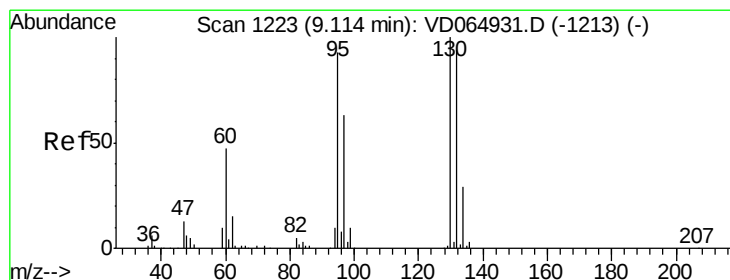
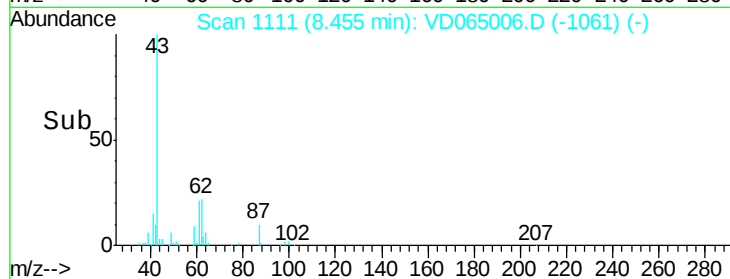
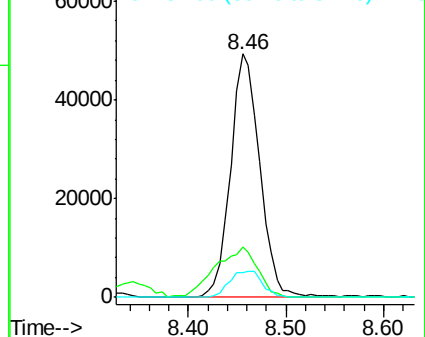
87 12.1 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.59 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065006.D

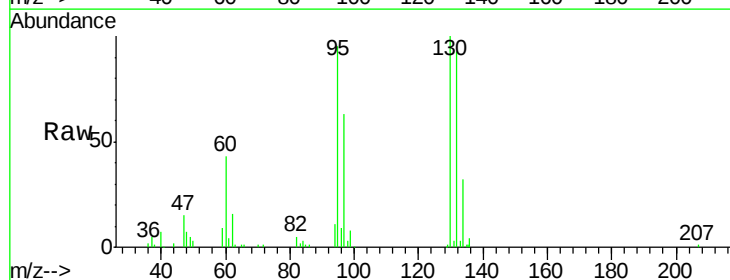
Acq: 30 Jan 2020 11:55

Tgt Ion: 130 Resp: 106220

Ion Ratio Lower Upper

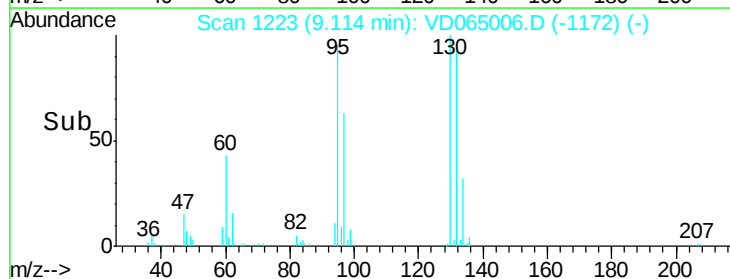
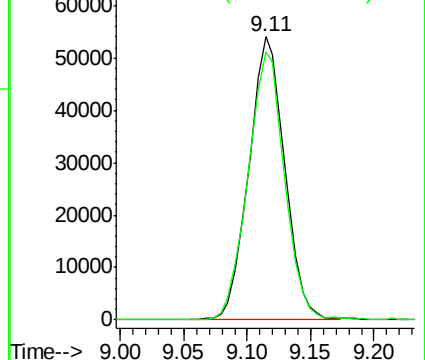
130 100

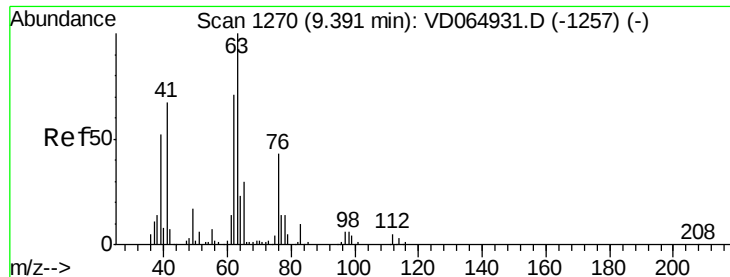
95 94.6 0.0 185.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

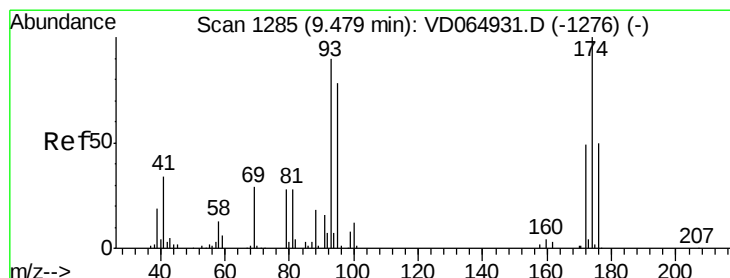
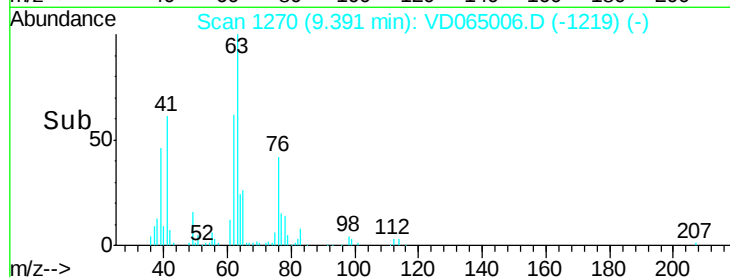
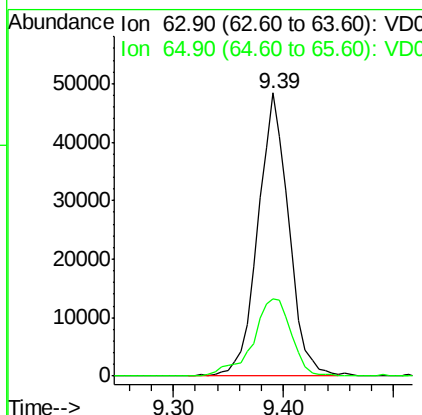
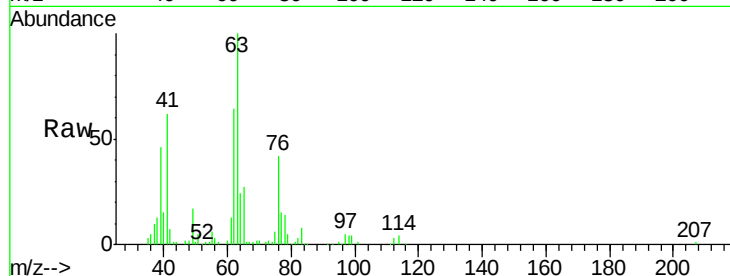




#45
 1,2-Dichloropropane
 Concen: 21.14 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065006.D
 Acq: 30 Jan 2020 11:55

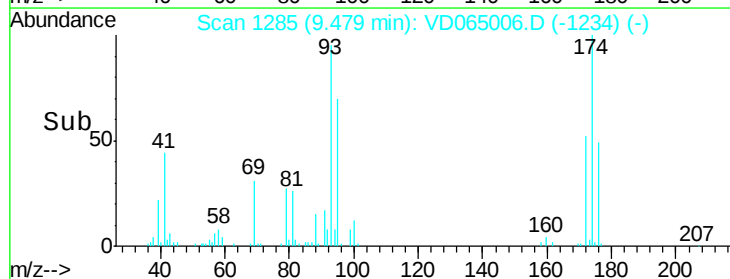
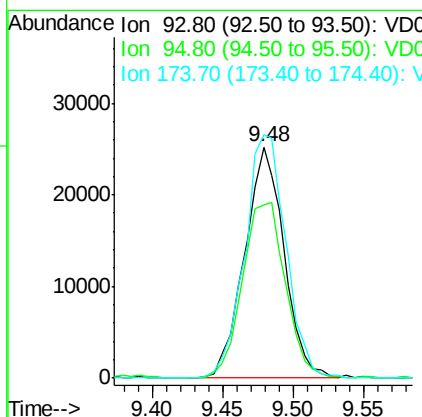
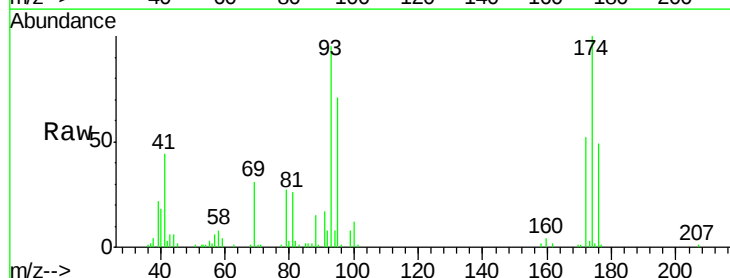
Instrument :
 MSVOA_D
 ClientSampleID :
 VD0130SBSD01

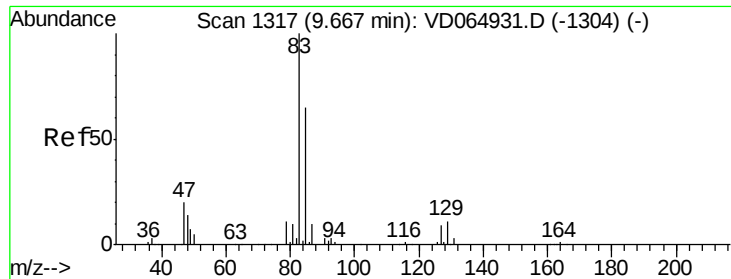
Tgt Ion: 63 Resp: 94444
 Ion Ratio Lower Upper
 63 100
 65 27.3 24.3 36.5



#46
 Dibromomethane
 Concen: 20.29 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065006.D
 Acq: 30 Jan 2020 11:55

Tgt Ion: 93 Resp: 49480
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.5 101.3
 174 110.3 88.4 132.6





#47

Bromodichloromethane

Concen: 21.25 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBSD01

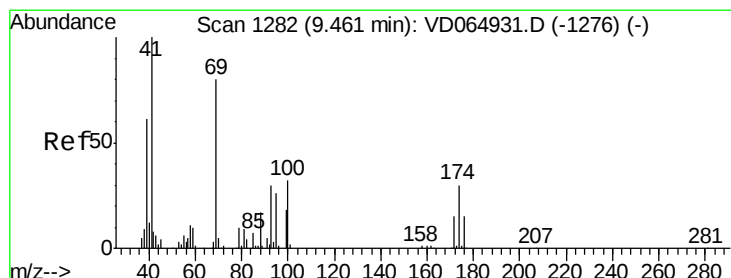
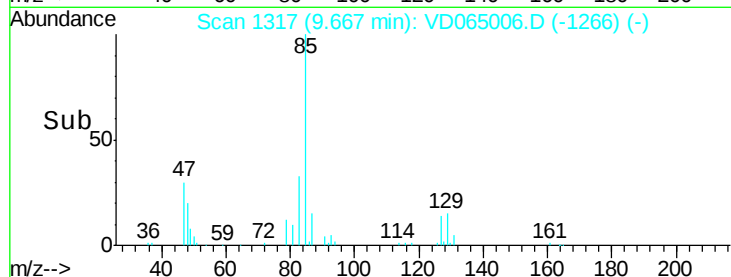
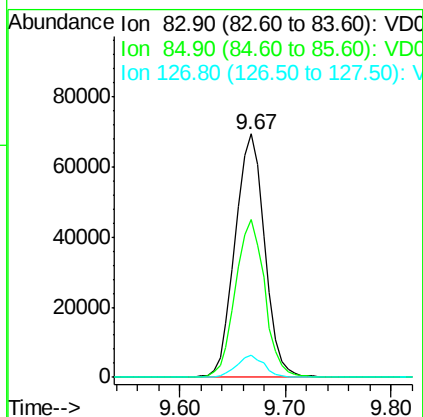
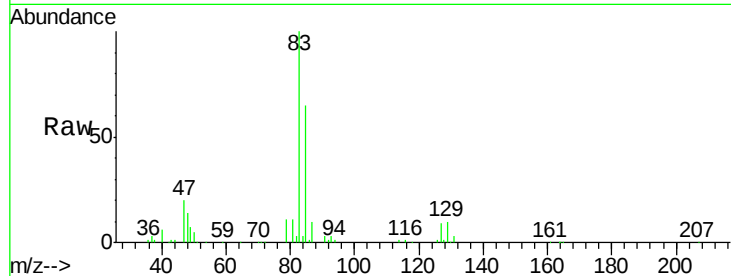
Tgt Ion: 83 Resp: 134899

Ion Ratio Lower Upper

83 100

85 65.0 52.0 78.0

127 9.2 7.3 10.9



#48

Methyl methacrylate

Concen: 20.96 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

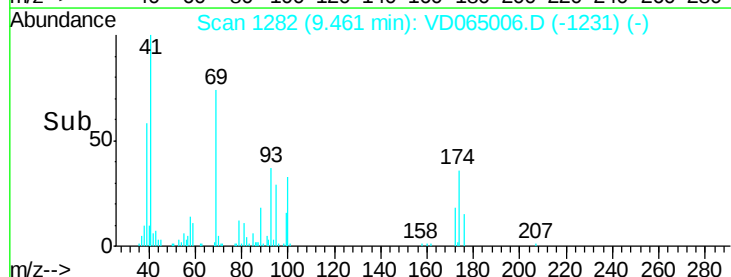
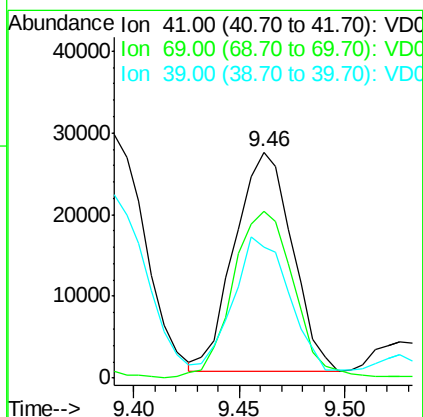
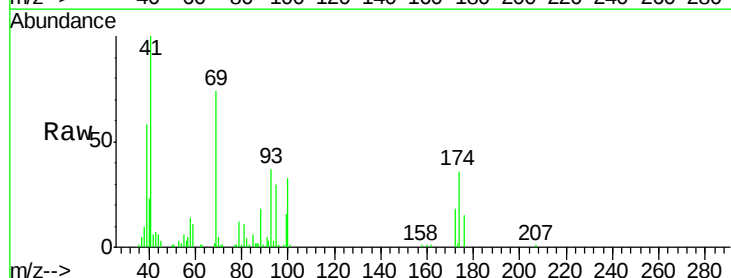
Tgt Ion: 41 Resp: 50636

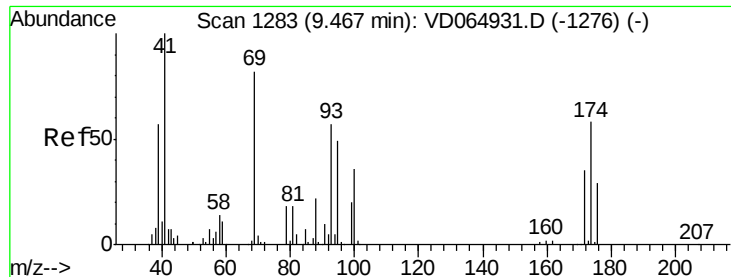
Ion Ratio Lower Upper

41 100

69 81.0 65.8 98.8

39 58.2 49.4 74.0

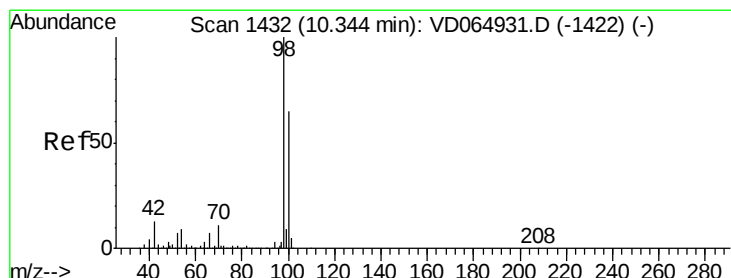
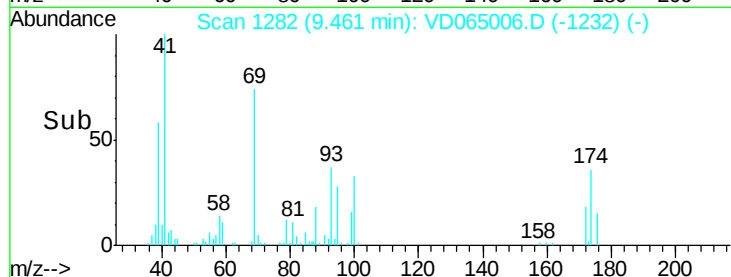
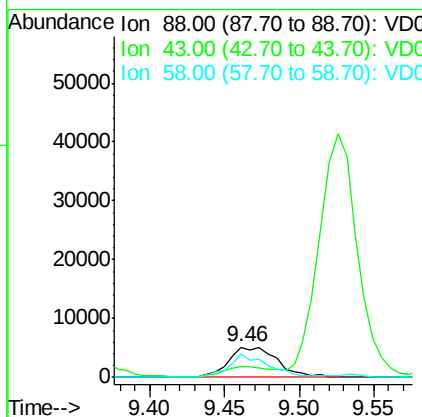
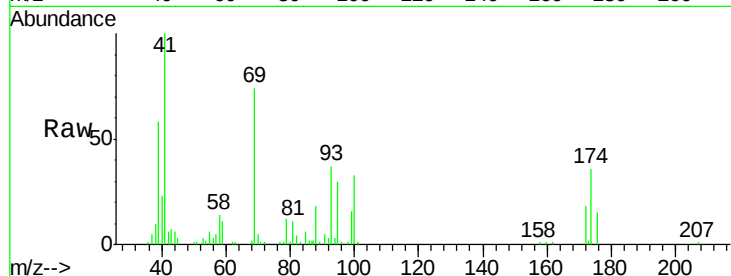




#49
1,4-Dioxane
Concen: 411.82 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD065006.D
Acq: 30 Jan 2020 11:55

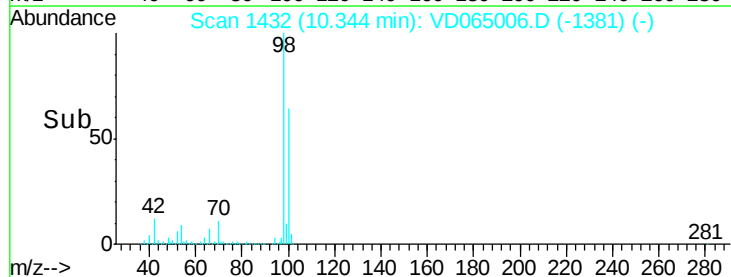
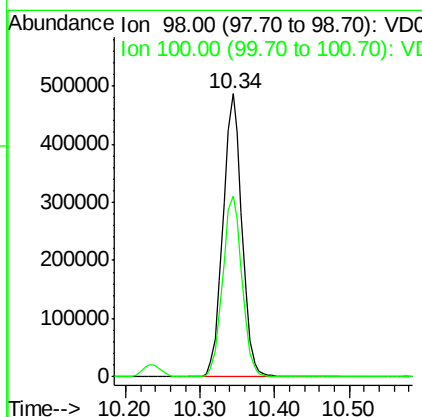
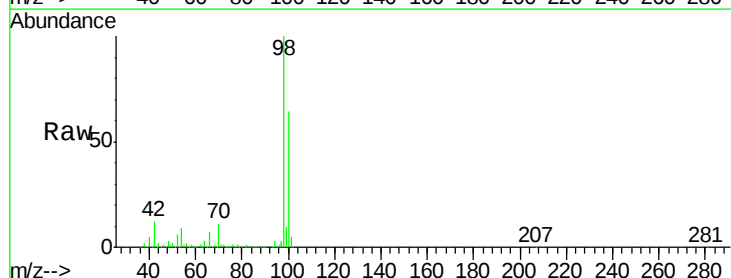
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

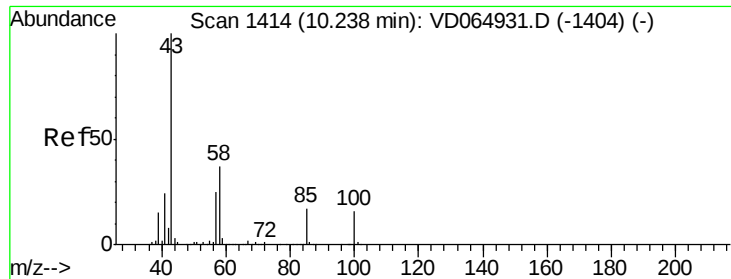
Tgt Ion: 88 Resp: 11650
Ion Ratio Lower Upper
88 100
43 40.2 26.2 39.4#
58 63.5 50.3 75.5



#50
Toluene-d8
Concen: 51.24 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065006.D
Acq: 30 Jan 2020 11:55

Tgt Ion: 98 Resp: 862467
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5

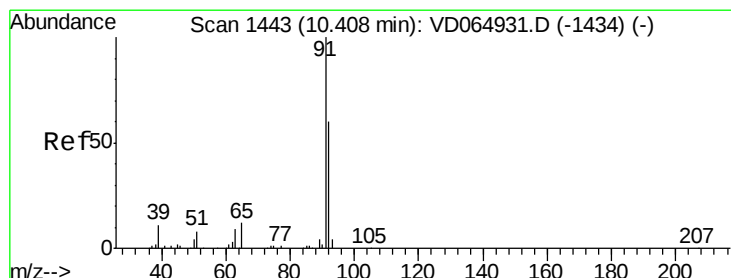
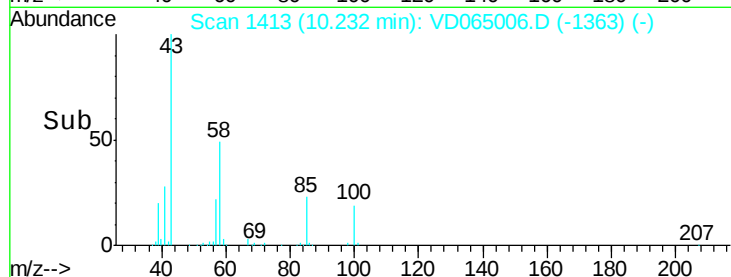
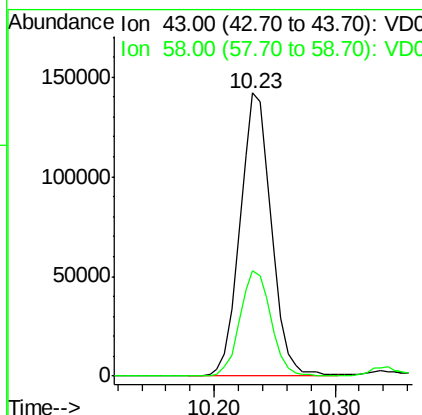
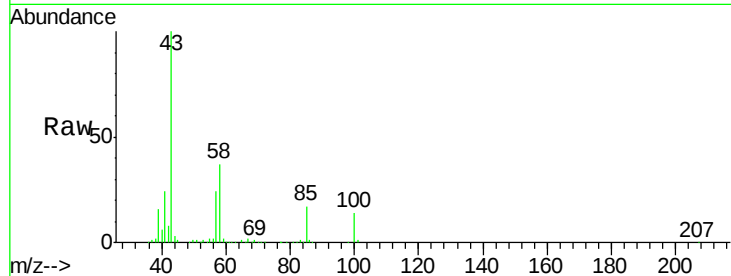




#51
 4-Methyl-2-Pentanone
 Concen: 97.98 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: VD065006.D
 Acq: 30 Jan 2020 11:55

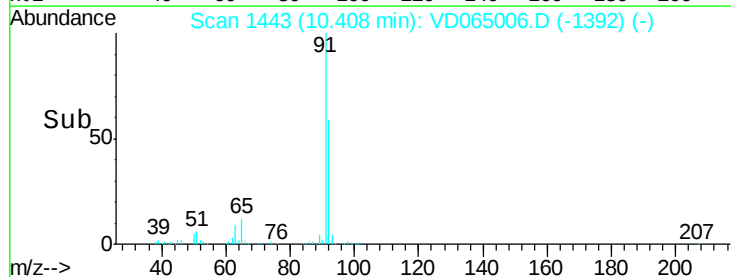
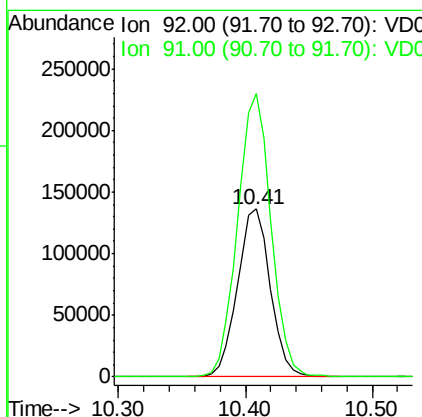
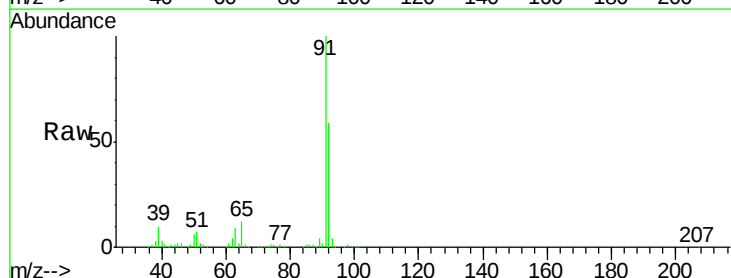
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBSD01

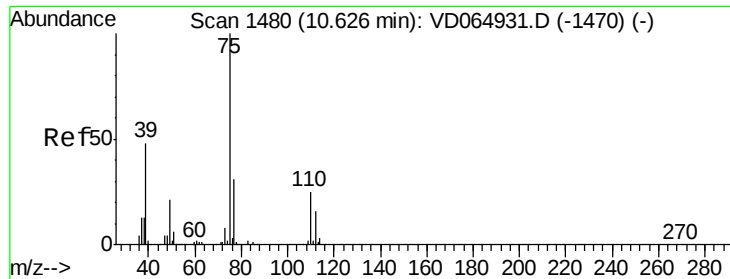
Tgt Ion: 43 Resp: 257387
 Ion Ratio Lower Upper
 43 100
 58 36.8 30.4 45.6



#52
 Toluene
 Concen: 20.64 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD065006.D
 Acq: 30 Jan 2020 11:55

Tgt Ion: 92 Resp: 245202
 Ion Ratio Lower Upper
 92 100
 91 171.8 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 20.88 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

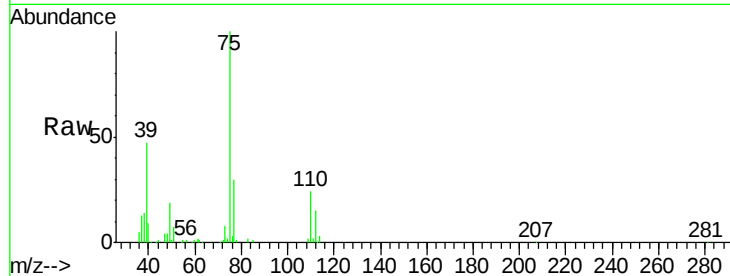
VD0130SBSD01

Tgt Ion: 75 Resp: 126254

Ion Ratio Lower Upper

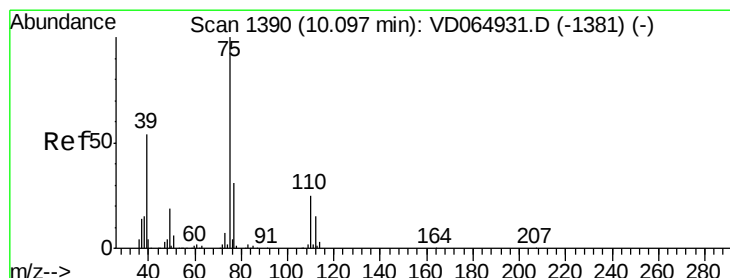
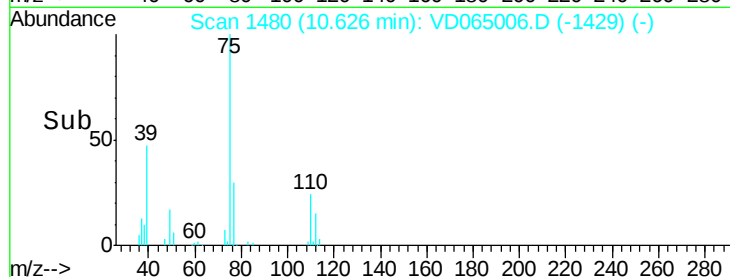
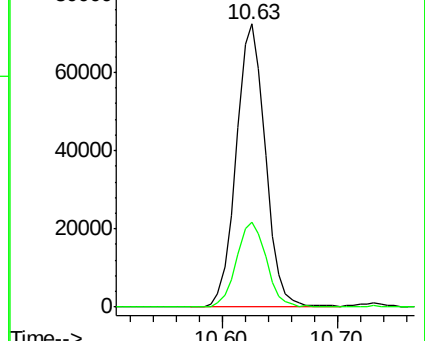
75 100

77 29.8 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 20.59 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

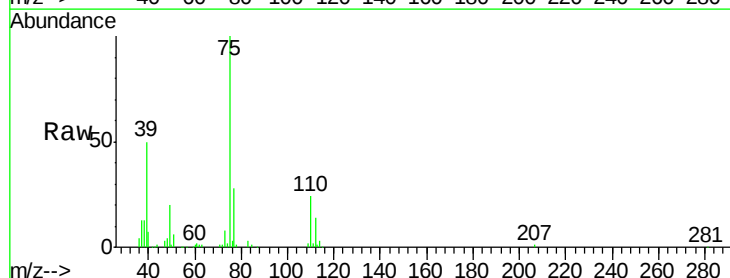
Tgt Ion: 75 Resp: 145737

Ion Ratio Lower Upper

75 100

77 28.3 25.1 37.7

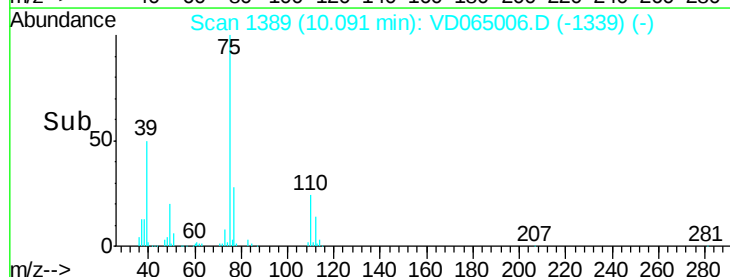
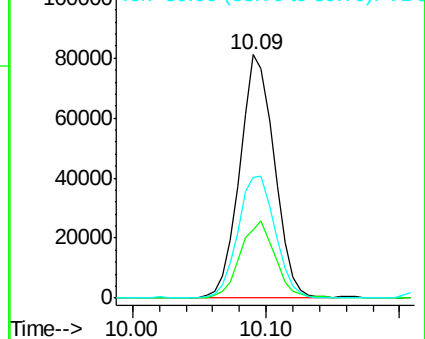
39 49.7 43.0 64.6

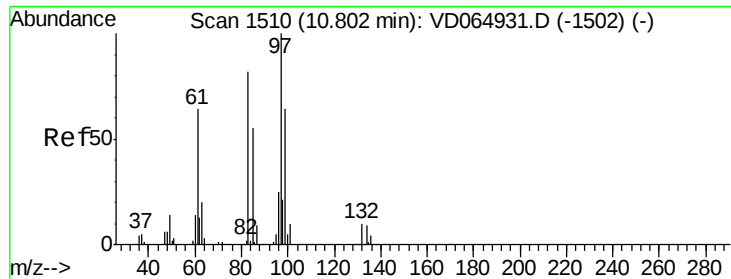


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

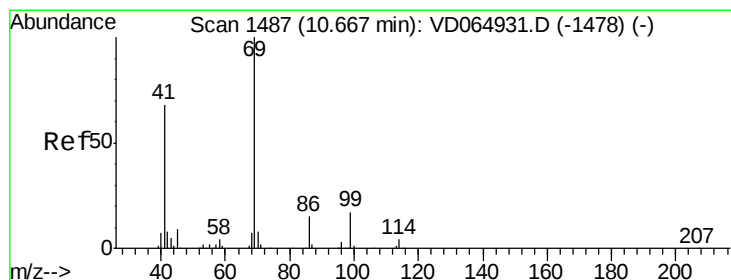
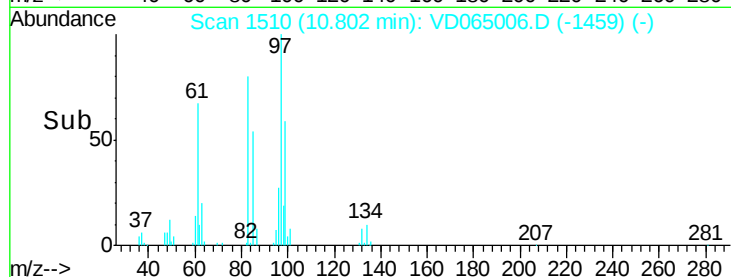
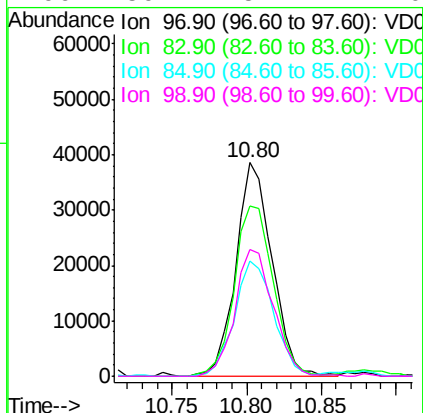
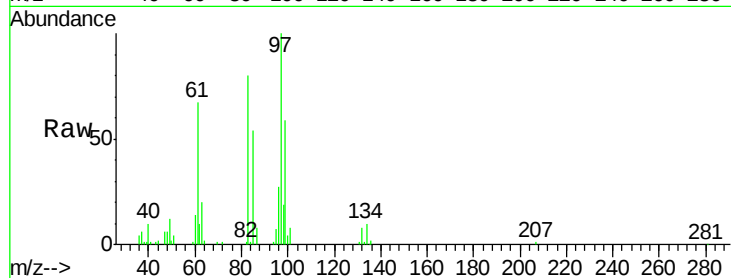




#55
 1,1,2-Trichloroethane
 Concen: 19.73 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065006.D
 Acq: 30 Jan 2020 11:55

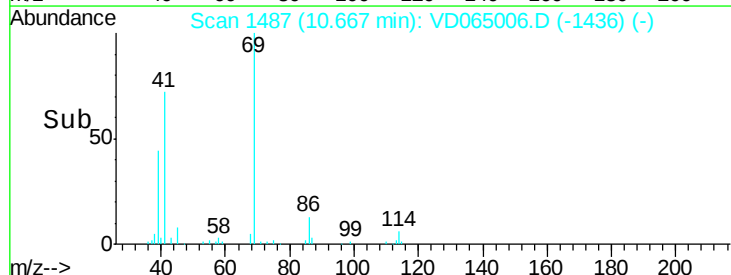
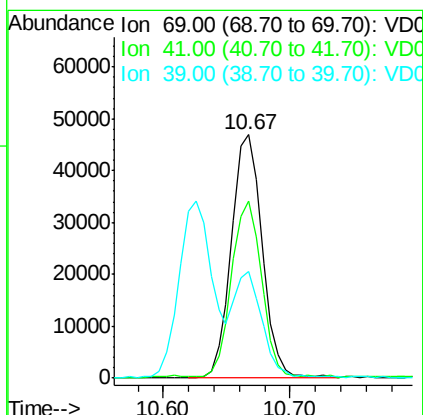
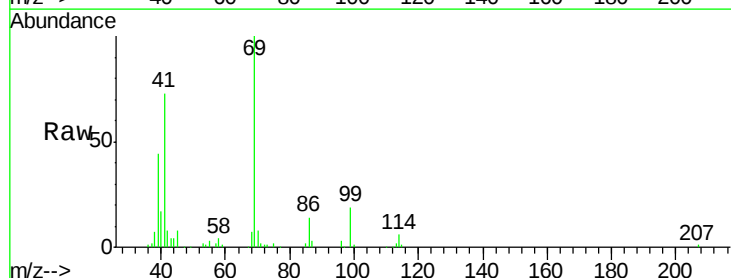
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBSD01

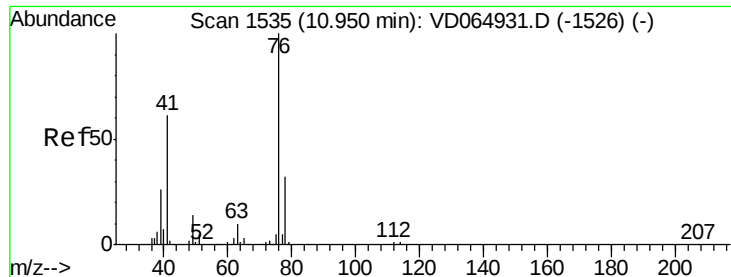
Tgt Ion:	97	Resp:	64811
Ion	Ratio	Lower	Upper
97	100		
83	79.8	66.0	99.0
85	54.1	44.4	66.6
99	59.1	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 20.13 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065006.D
 Acq: 30 Jan 2020 11:55

Tgt Ion:	69	Resp:	79108
Ion	Ratio	Lower	Upper
69	100		
41	69.9	56.4	84.6
39	40.3	30.6	46.0





#57

1,3-Dichloropropane

Concen: 20.94 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

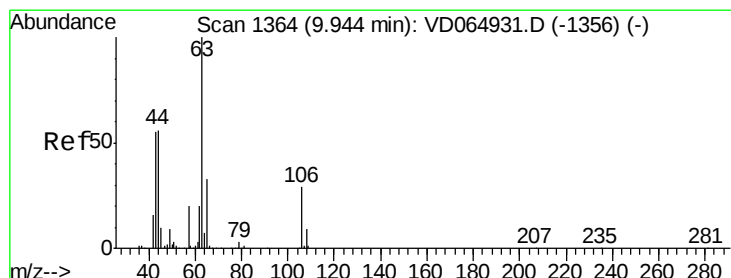
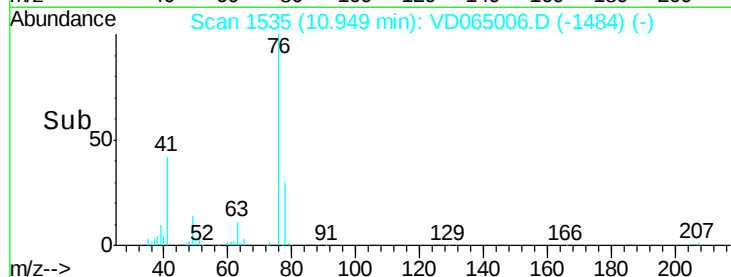
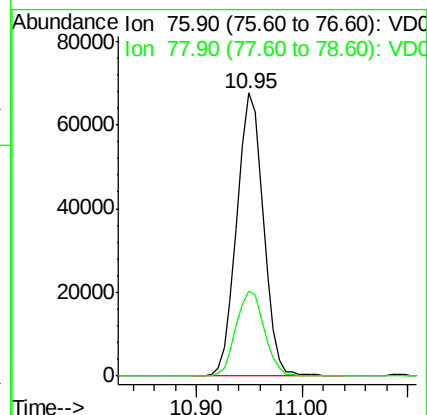
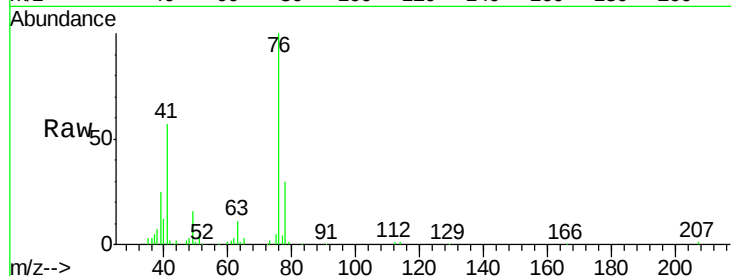
VD0130SBSD01

Tgt Ion: 76 Resp: 117975

Ion Ratio Lower Upper

76 100

78 31.8 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 95.94 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD065006.D

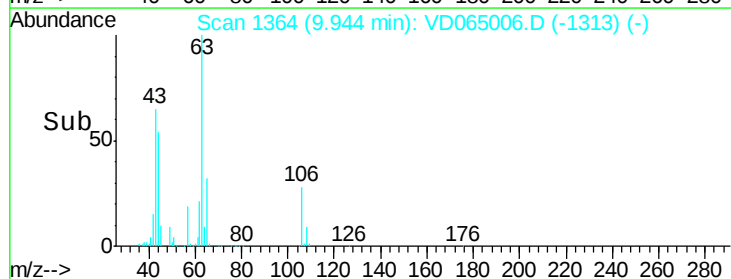
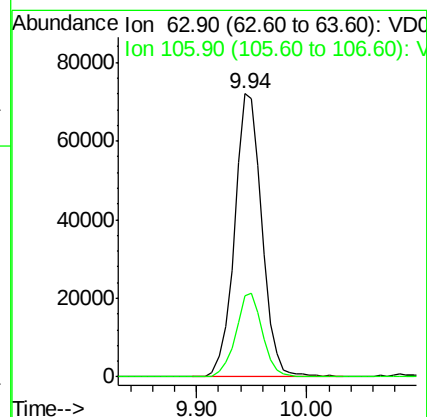
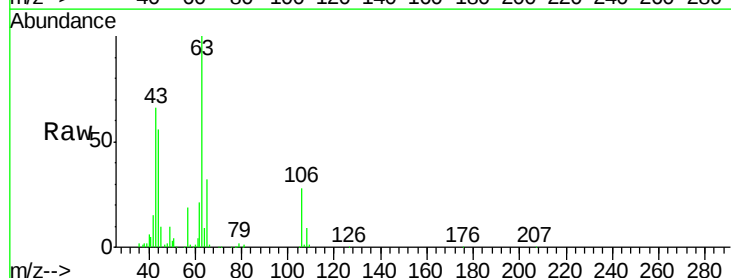
Acq: 30 Jan 2020 11:55

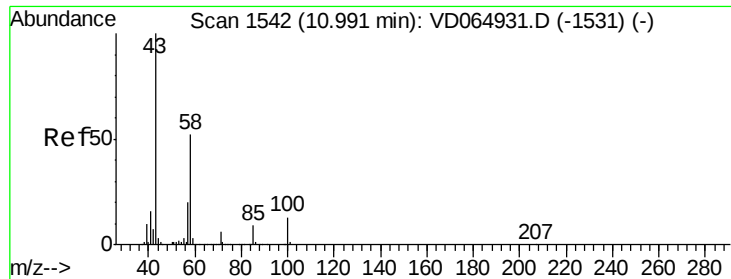
Tgt Ion: 63 Resp: 125229

Ion Ratio Lower Upper

63 100

106 28.7 23.0 34.4

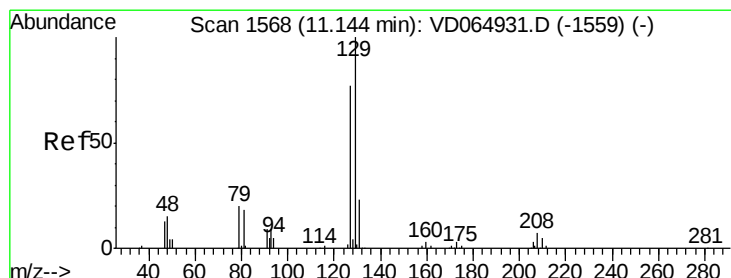
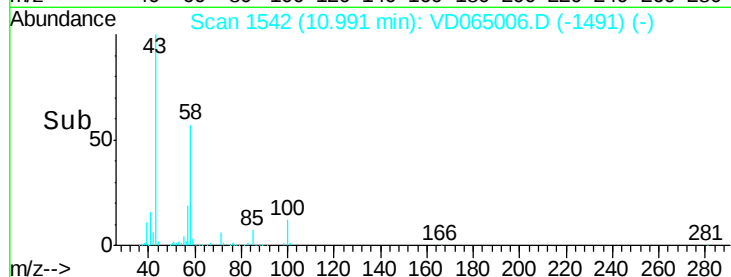
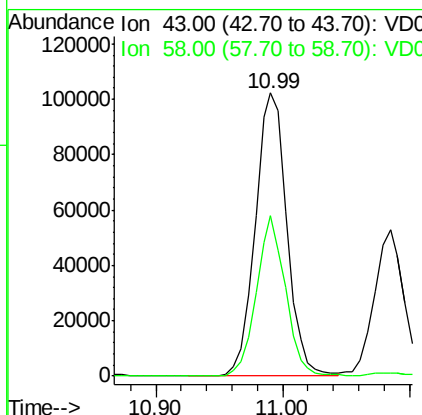
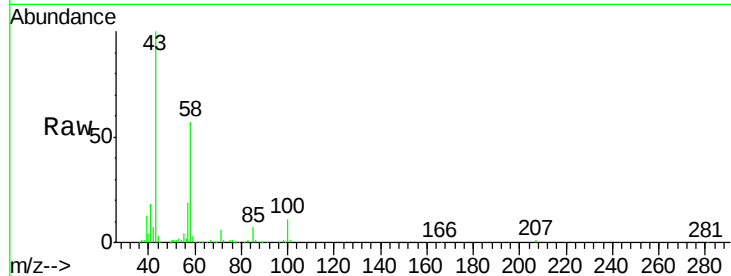




#59
2-Hexanone
Concen: 98.20 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065006.D
Acq: 30 Jan 2020 11:55

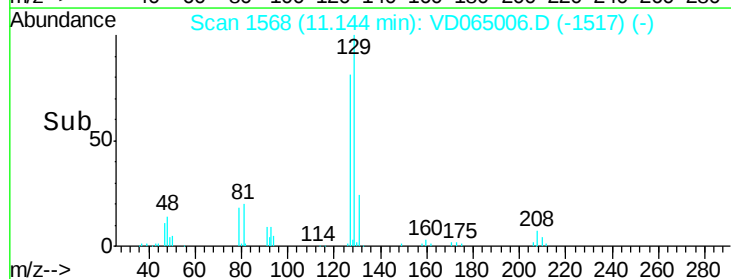
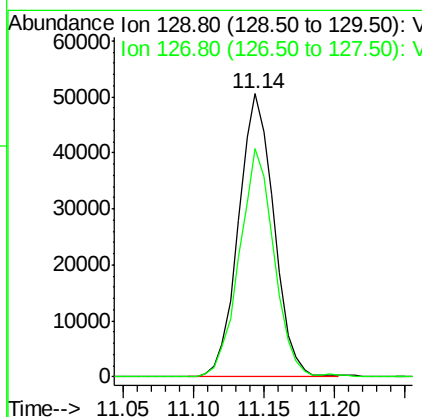
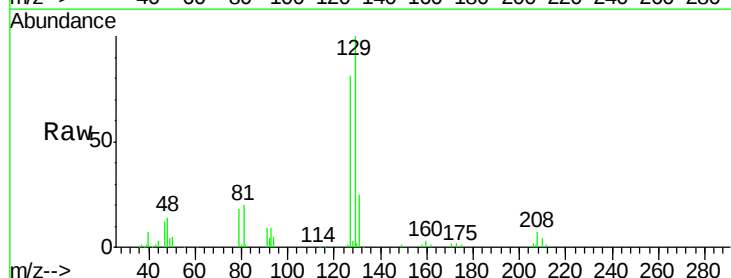
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

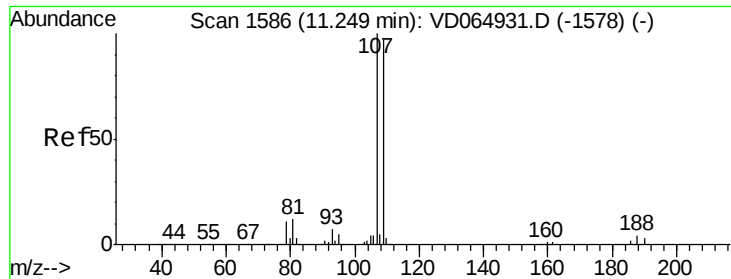
Tgt Ion: 43 Resp: 177951
Ion Ratio Lower Upper
43 100
58 52.0 26.5 79.4



#60
Dibromochloromethane
Concen: 20.21 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065006.D
Acq: 30 Jan 2020 11:55

Tgt Ion: 129 Resp: 88752
Ion Ratio Lower Upper
129 100
127 79.1 38.2 114.6





#61

1,2-Dibromoethane

Concen: 20.08 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

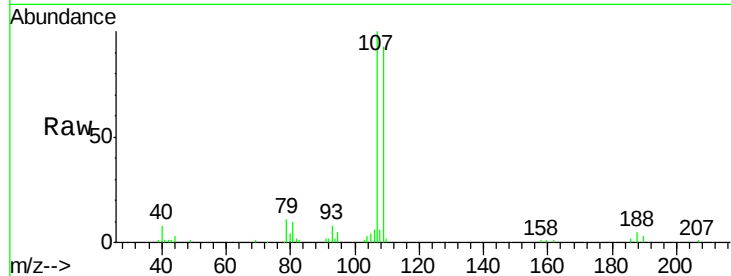
VD0130SBSD01

Tgt Ion: 107 Resp: 63532

Ion Ratio Lower Upper

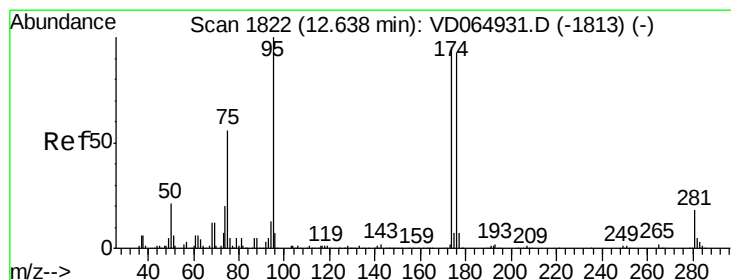
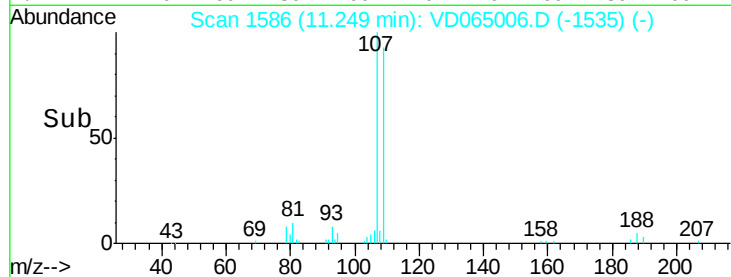
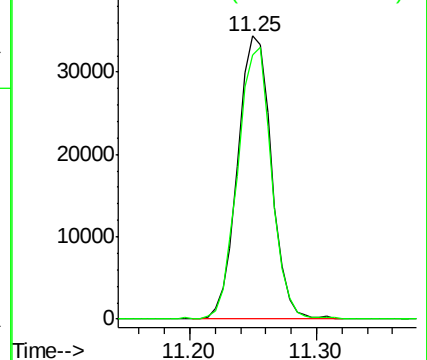
107 100

109 95.9 77.1 115.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.34 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

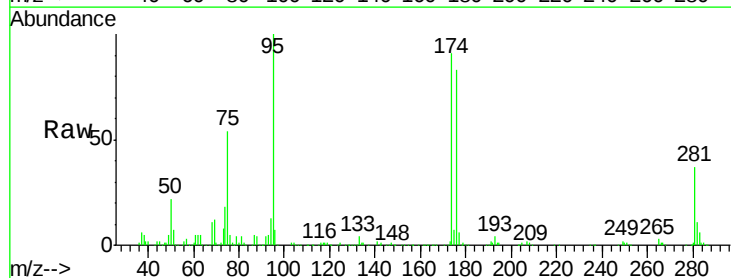
Tgt Ion: 95 Resp: 269606

Ion Ratio Lower Upper

95 100

174 91.7 0.0 186.8

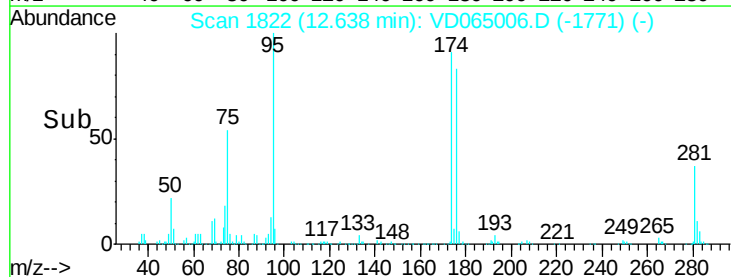
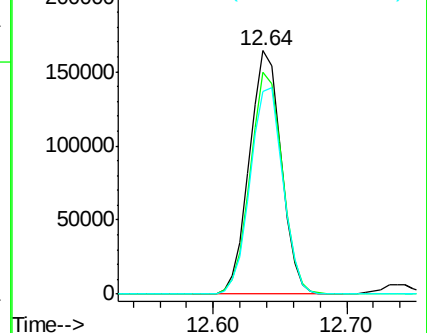
176 87.3 0.0 183.4

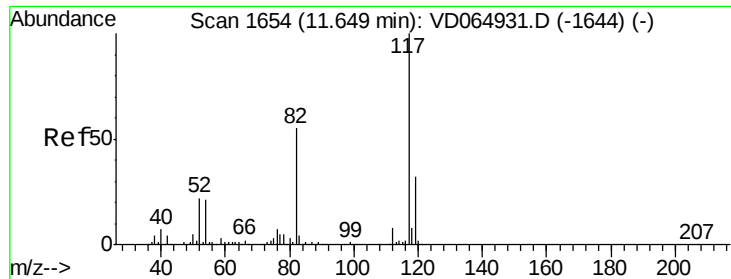


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

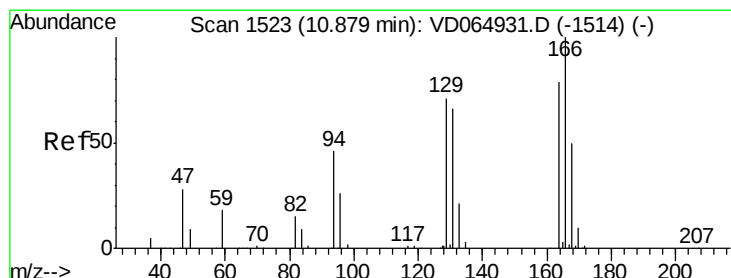
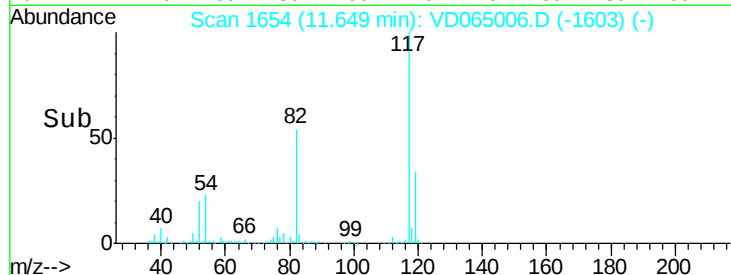
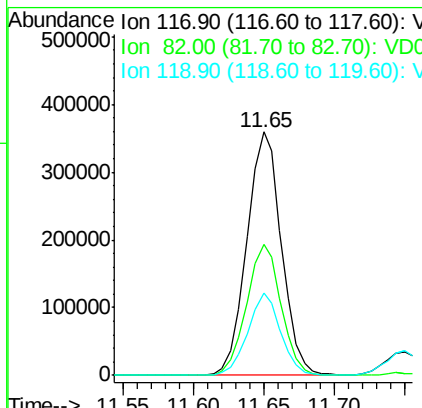
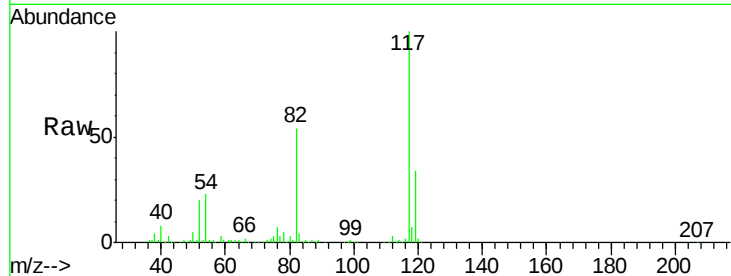




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065006.D
Acq: 30 Jan 2020 11:55

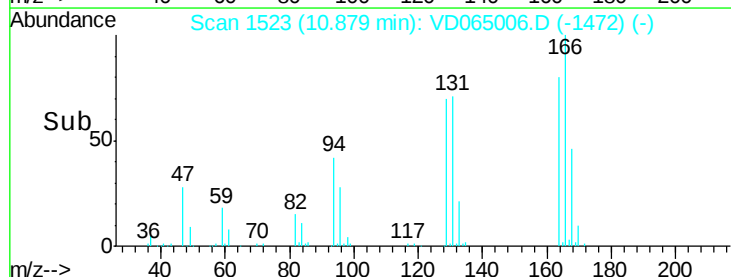
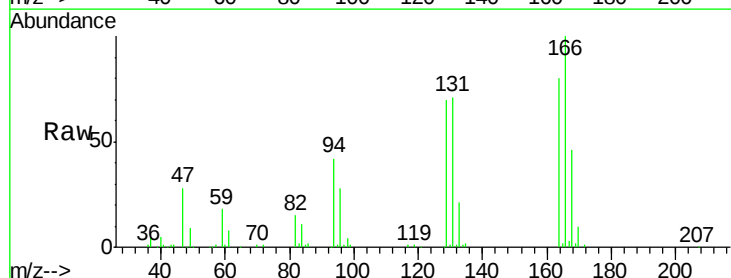
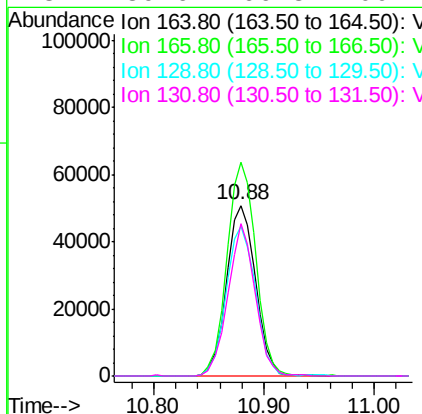
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

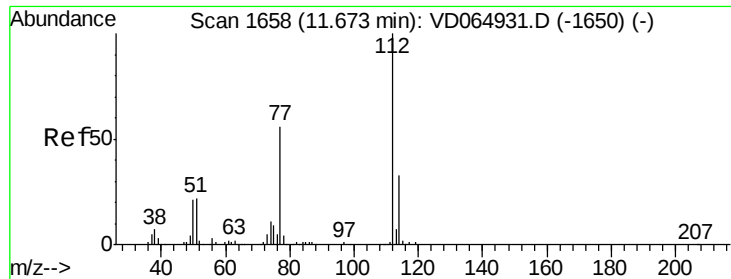
Tgt Ion:117 Resp: 616977
Ion Ratio Lower Upper
117 100
82 53.8 43.6 65.4
119 33.8 25.2 37.8



#64
Tetrachloroethene
Concen: 20.95 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065006.D
Acq: 30 Jan 2020 11:55

Tgt Ion:164 Resp: 93389
Ion Ratio Lower Upper
164 100
166 125.3 101.4 152.2
129 87.8 71.8 107.8
131 89.6 66.8 100.2

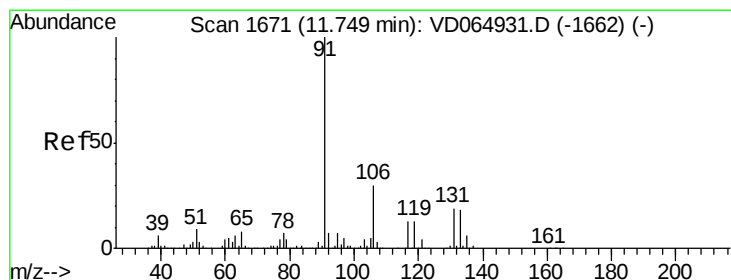
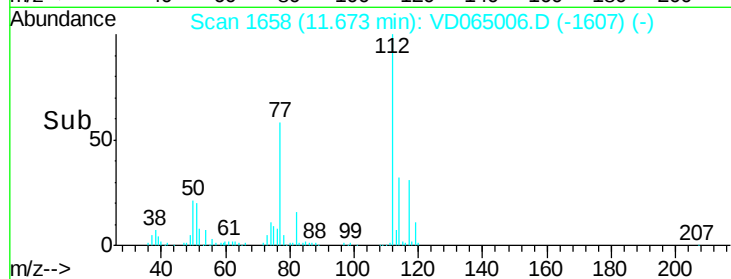
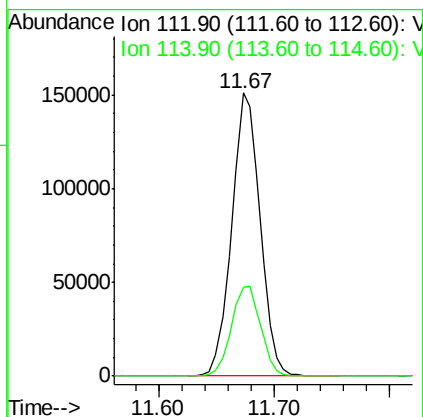
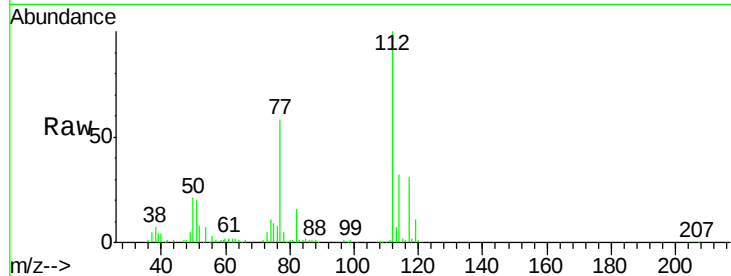




#65
Chlorobenzene
Concen: 20.48 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065006.D
Acq: 30 Jan 2020 11:55

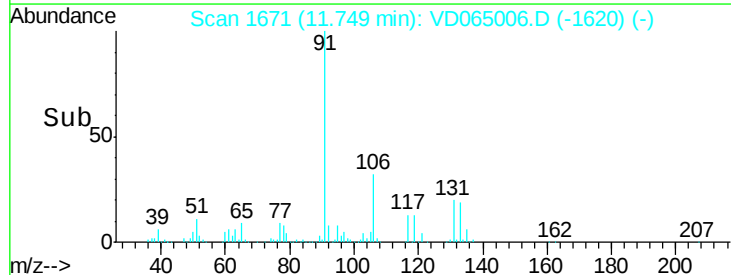
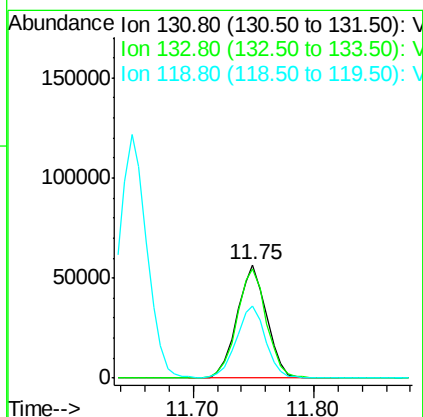
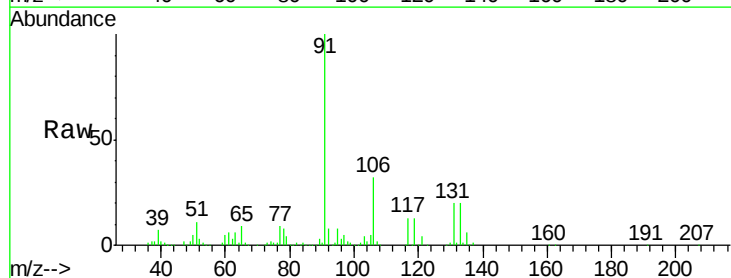
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

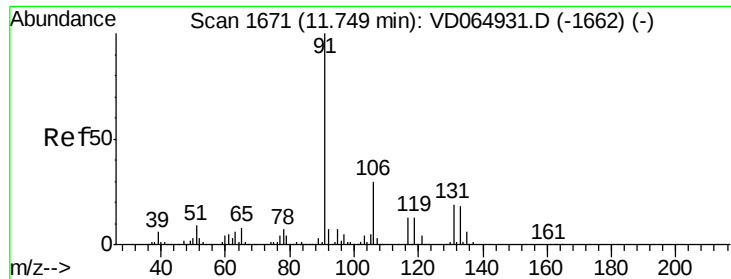
Tgt Ion:112 Resp: 256606
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.55 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065006.D
Acq: 30 Jan 2020 11:55

Tgt Ion:131 Resp: 96823
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.5
119 62.9 31.1 93.5

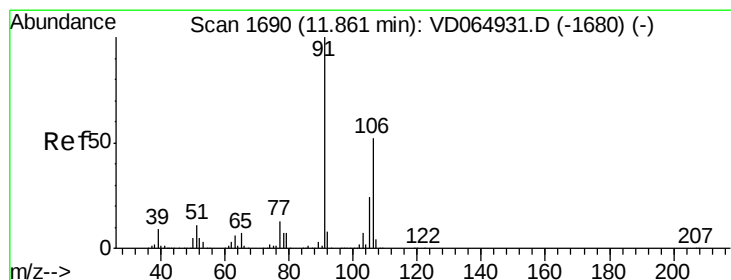
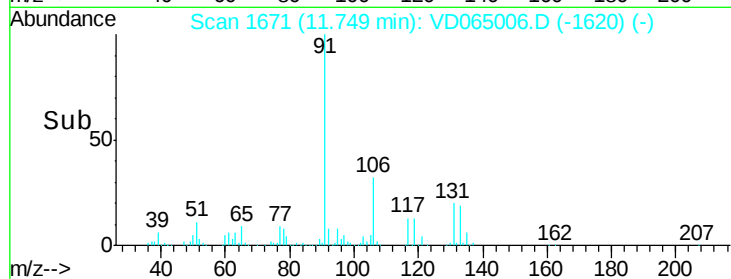
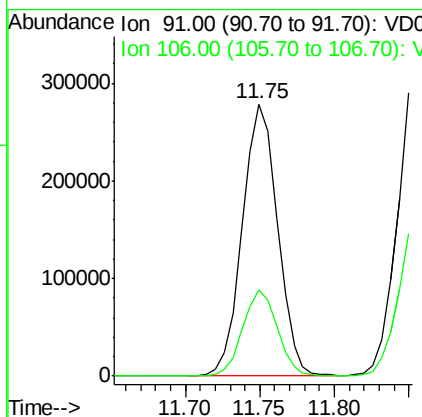
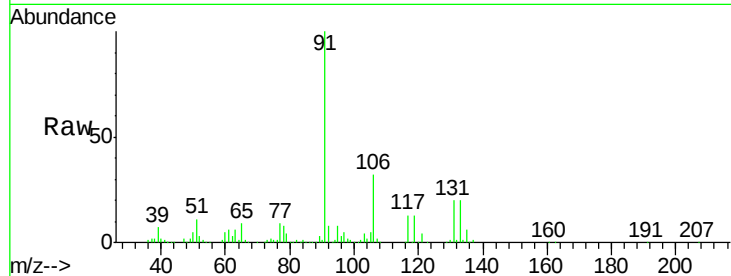




#67
Ethyl Benzene
Concen: 20.50 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065006.D
Acq: 30 Jan 2020 11:55

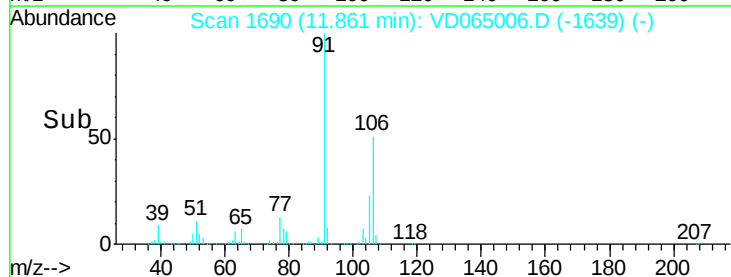
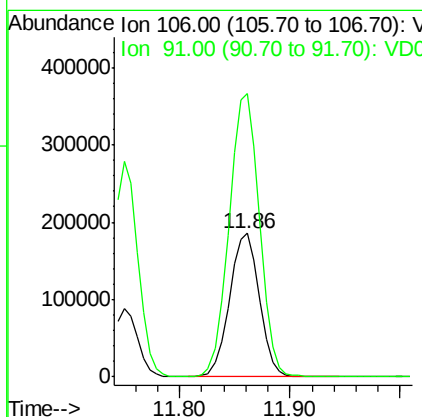
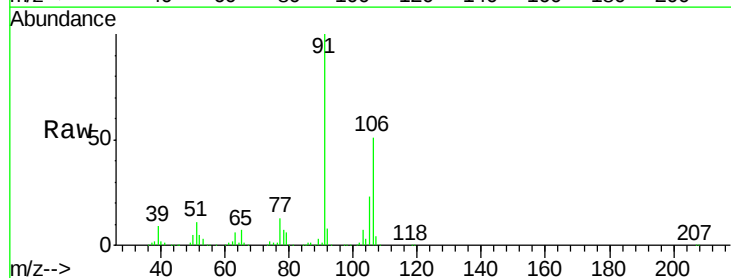
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

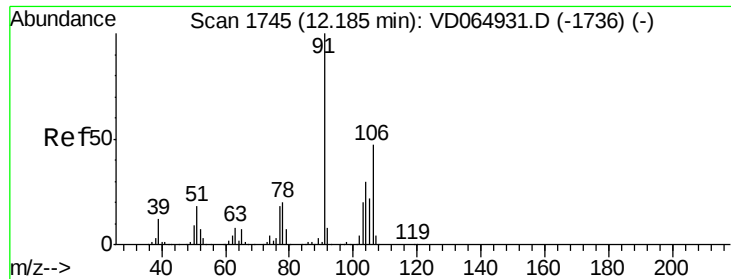
Tgt Ion: 91 Resp: 455897
Ion Ratio Lower Upper
91 100
106 31.9 24.3 36.5



#68
m/p-Xylenes
Concen: 41.05 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VD065006.D
Acq: 30 Jan 2020 11:55

Tgt Ion: 106 Resp: 351532
Ion Ratio Lower Upper
106 100
91 200.9 159.0 238.4

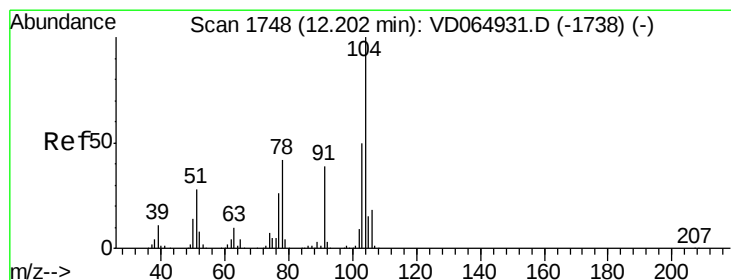
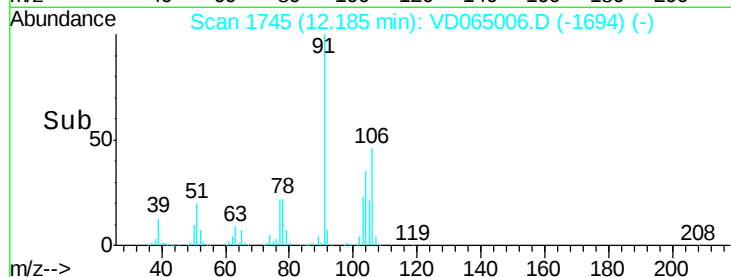
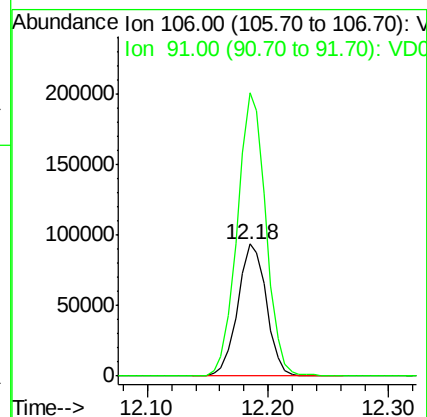
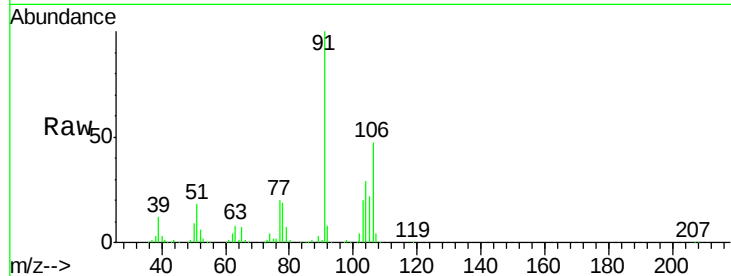




#69
o-Xylene
Concen: 20.37 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065006.D
Acq: 30 Jan 2020 11:55

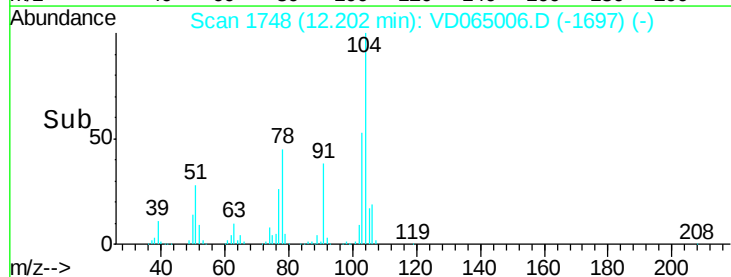
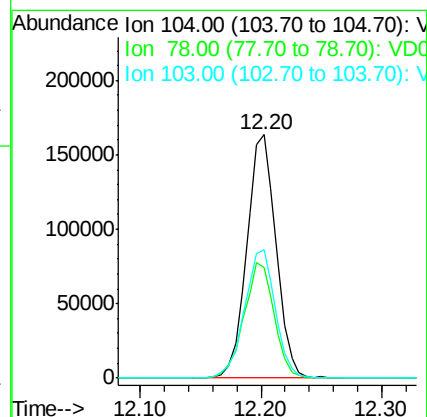
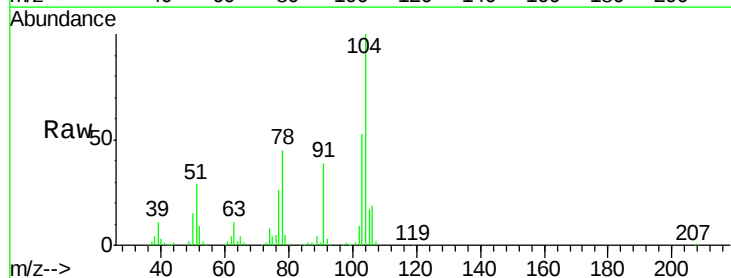
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBSD01

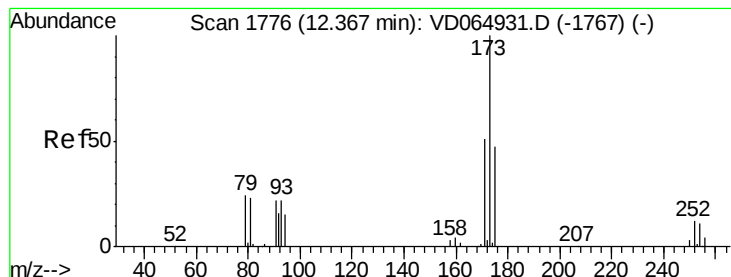
Tgt Ion:106 Resp: 154793
Ion Ratio Lower Upper
106 100
91 214.0 106.7 319.9



#70
Styrene
Concen: 20.45 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065006.D
Acq: 30 Jan 2020 11:55

Tgt Ion:104 Resp: 276871
Ion Ratio Lower Upper
104 100
78 49.0 38.3 57.5
103 55.8 43.5 65.3





#71

Bromoform

Concen: 20.11 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBSD01

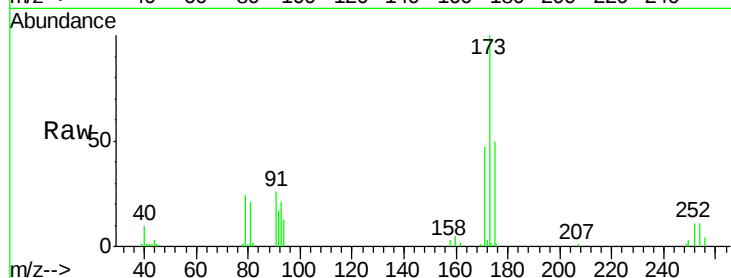
Tgt Ion:173 Resp: 52652

Ion Ratio Lower Upper

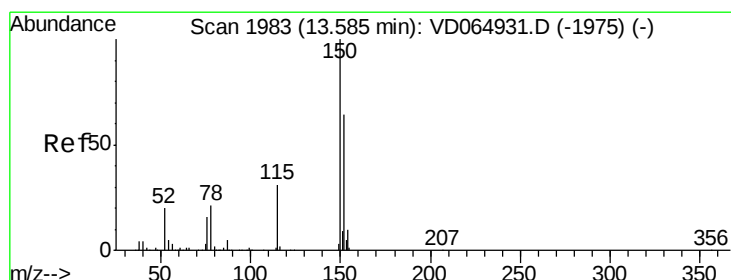
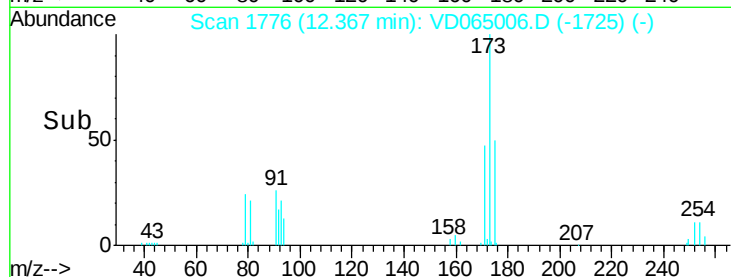
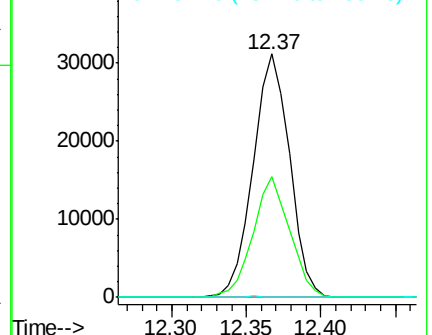
173 100

175 49.9 24.6 73.8

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

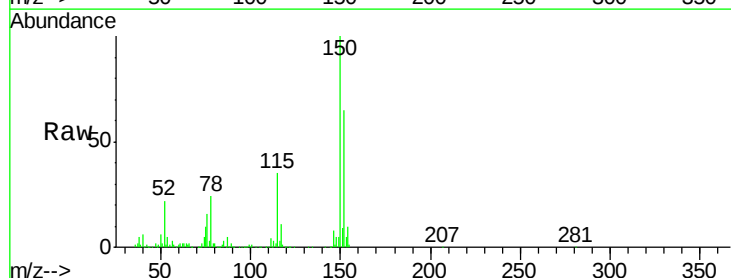
Tgt Ion:152 Resp: 298456

Ion Ratio Lower Upper

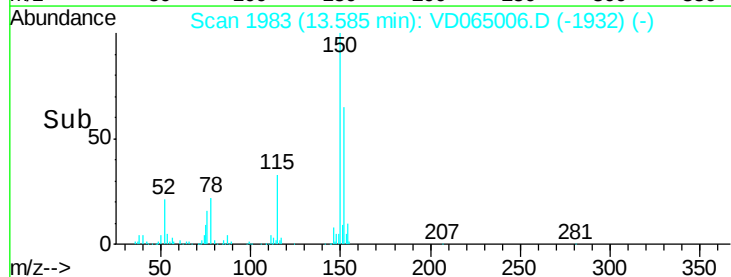
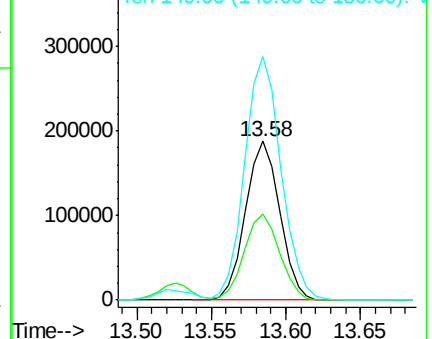
152 100

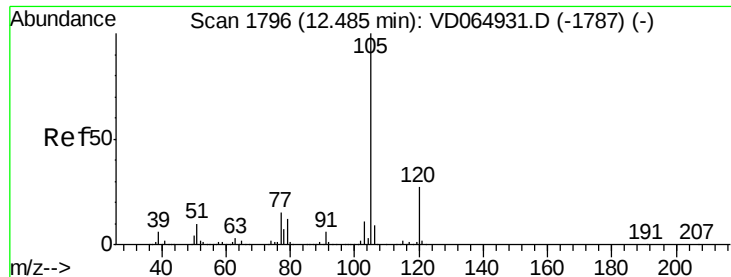
115 56.2 28.1 84.4

150 162.9 0.0 350.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.91 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

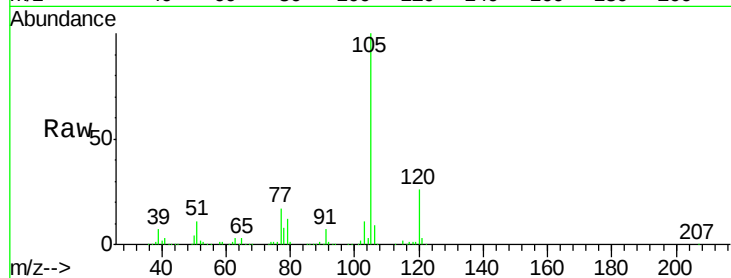
VD0130SBS01

Tgt Ion:105 Resp: 426498

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

250000

200000

150000

100000

50000

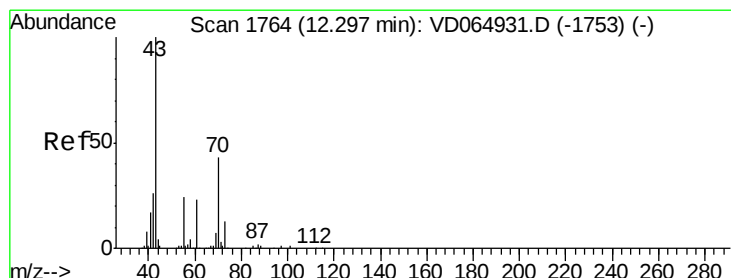
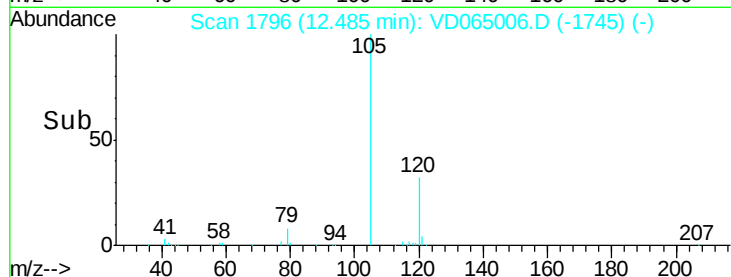
0

12.40

12.48

12.50

Time-->



#74

N-ethyl acetate

Concen: 19.73 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Tgt Ion: 43 Resp: 90052

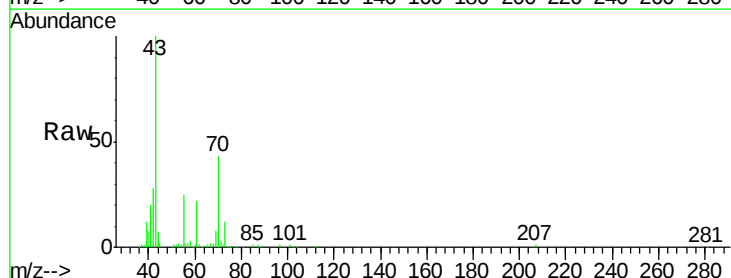
Ion Ratio Lower Upper

43 100

70 41.9 32.6 49.0

55 25.7 19.9 29.9

61 21.9 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000

60000

40000

20000

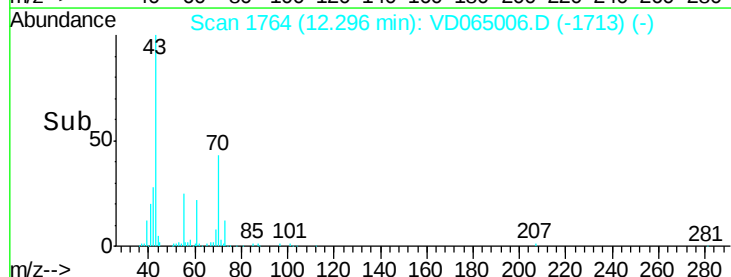
0

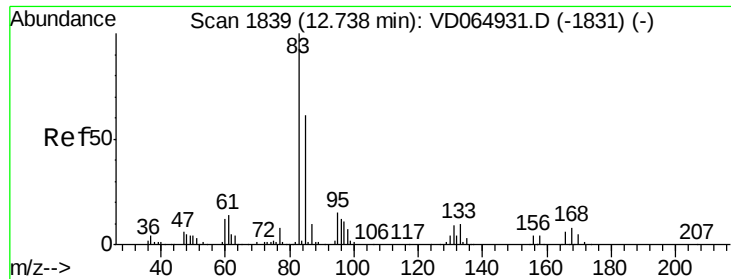
12.20

12.30

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.51 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBSD01

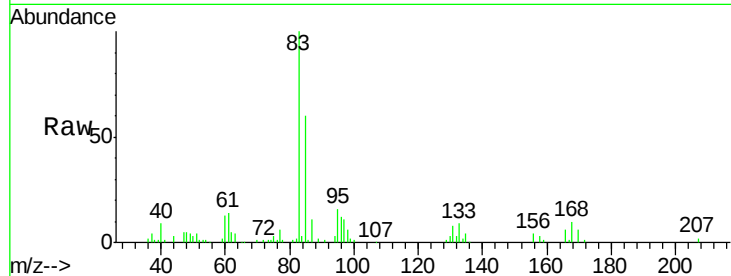
Tgt Ion: 83 Resp: 70317

Ion Ratio Lower Upper

83 100

131 11.7 5.5 16.4

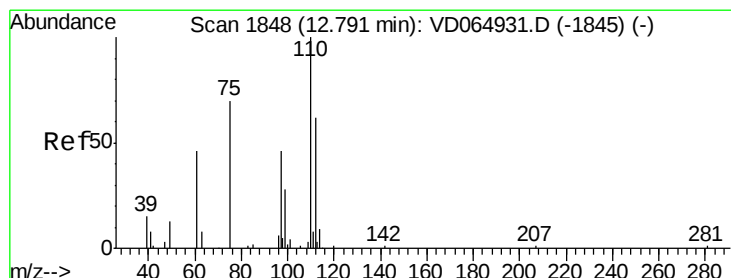
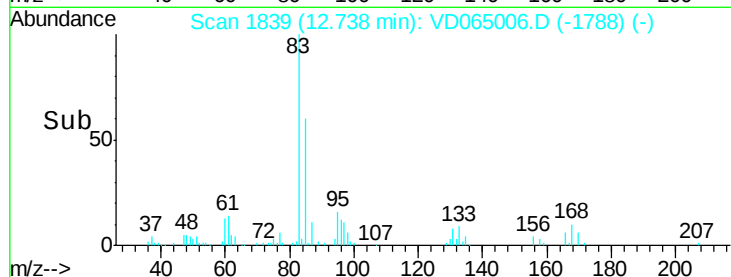
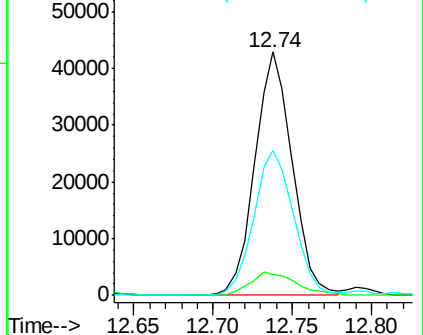
85 63.4 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 37.78 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065006.D

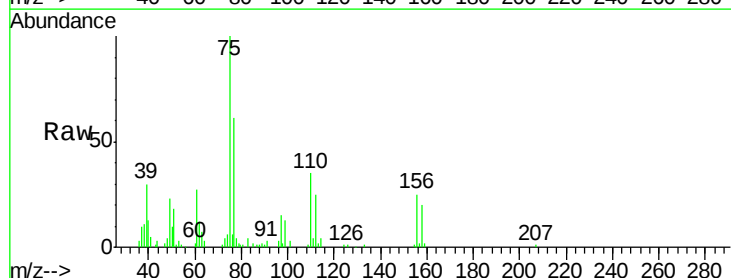
Acq: 30 Jan 2020 11:55

Tgt Ion: 75 Resp: 93590

Ion Ratio Lower Upper

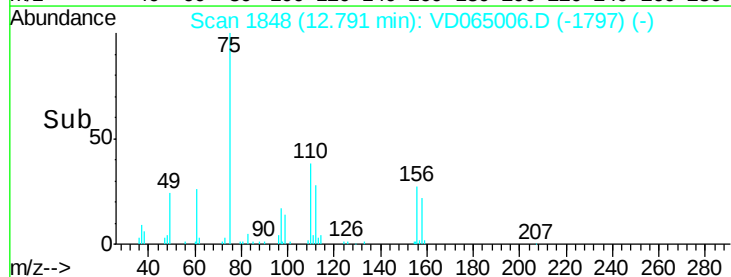
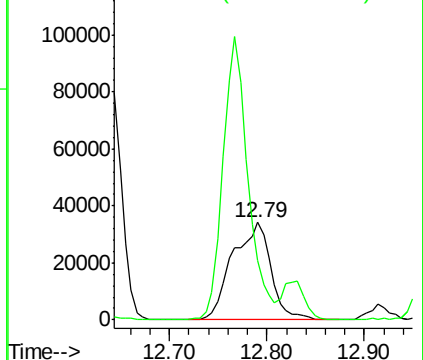
75 100

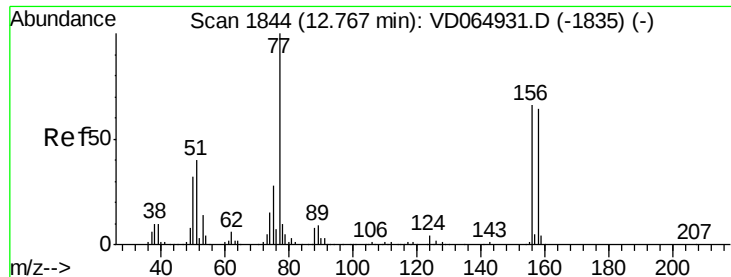
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 20.86 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBSD01

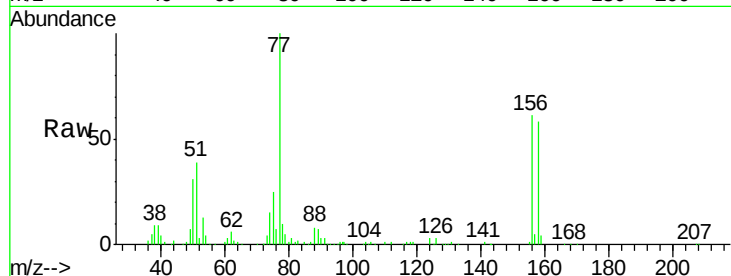
Tgt Ion:156 Resp: 104127

Ion Ratio Lower Upper

156 100

77 170.5 84.2 252.5

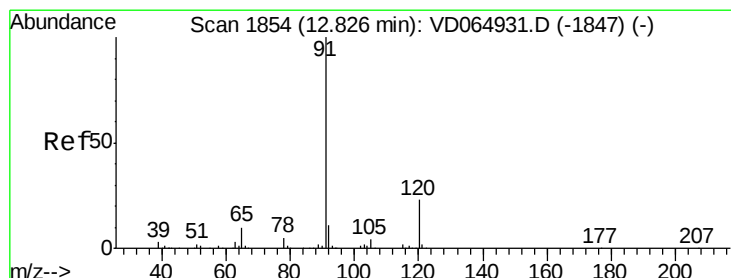
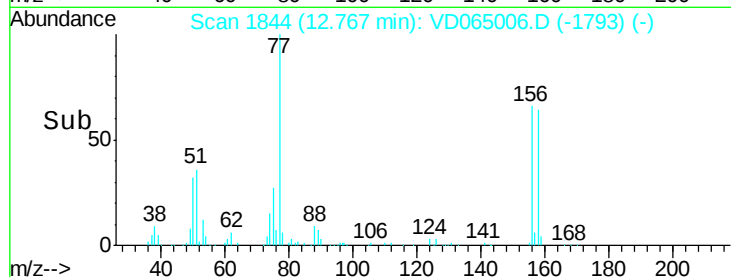
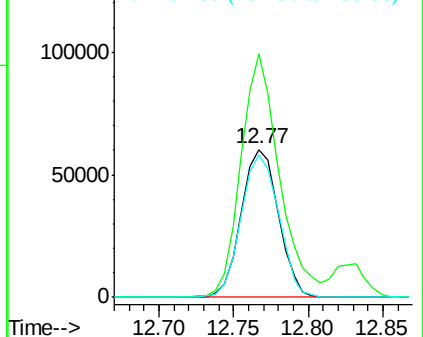
158 97.3 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.12 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065006.D

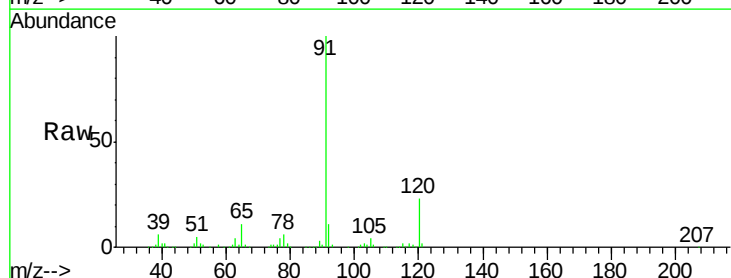
Acq: 30 Jan 2020 11:55

Tgt Ion: 91 Resp: 512390

Ion Ratio Lower Upper

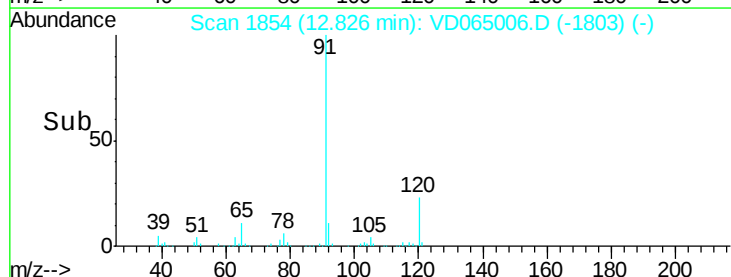
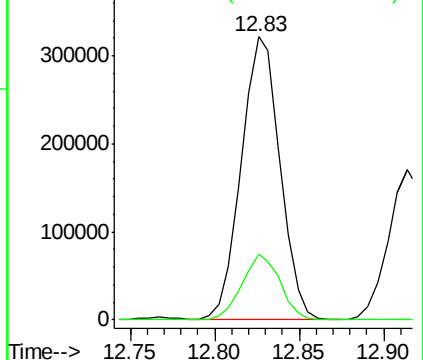
91 100

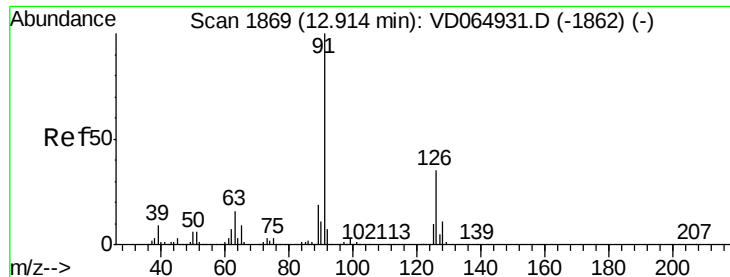
120 22.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

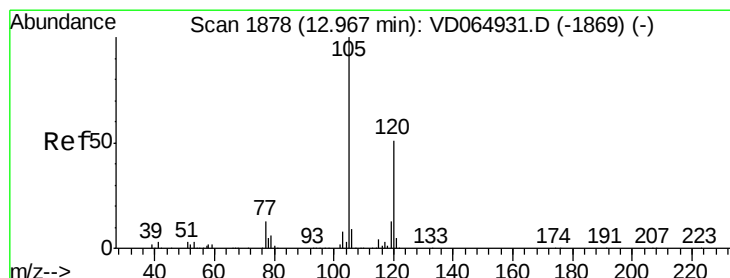
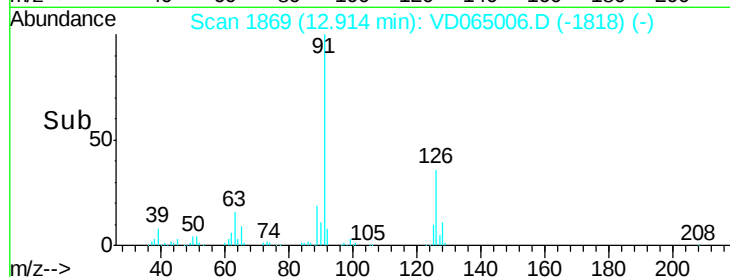
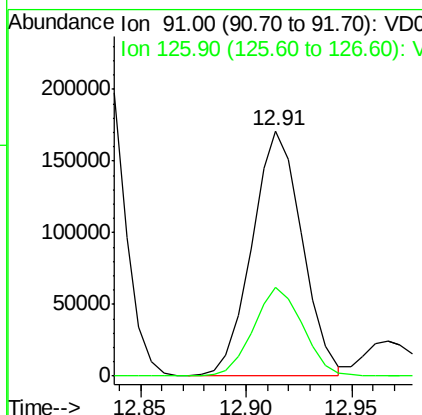
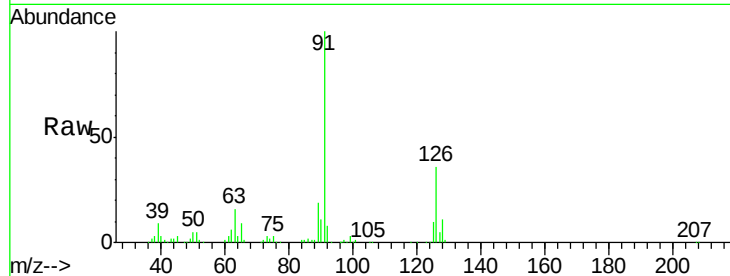




#79
 2-Chlorotoluene
 Concen: 21.11 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065006.D
 Acq: 30 Jan 2020 11:55

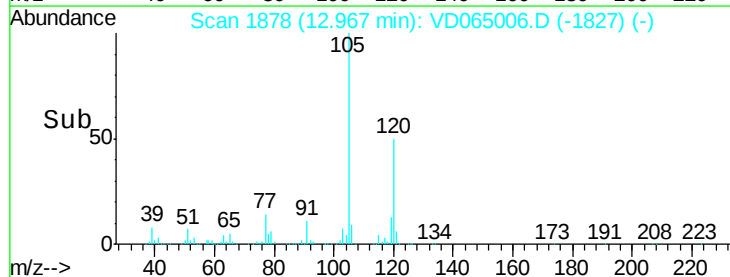
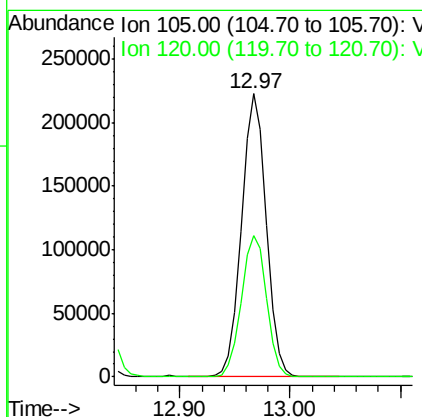
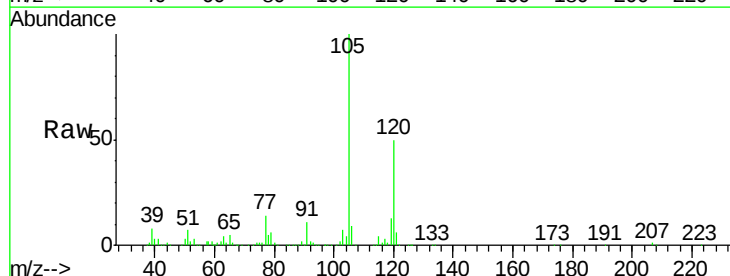
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBSD01

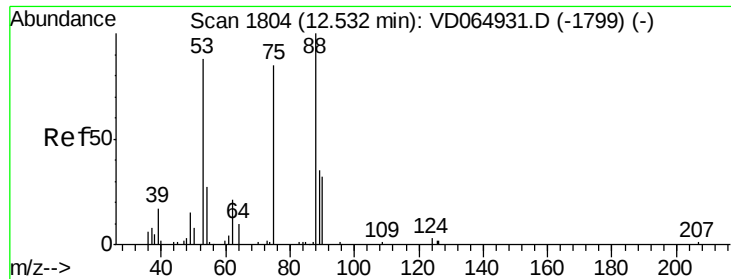
Tgt Ion: 91 Resp: 280956
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.9 53.8



#80
 1,3,5-Trimethylbenzene
 Concen: 20.92 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD065006.D
 Acq: 30 Jan 2020 11:55

Tgt Ion: 105 Resp: 349717
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.93 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBSD01

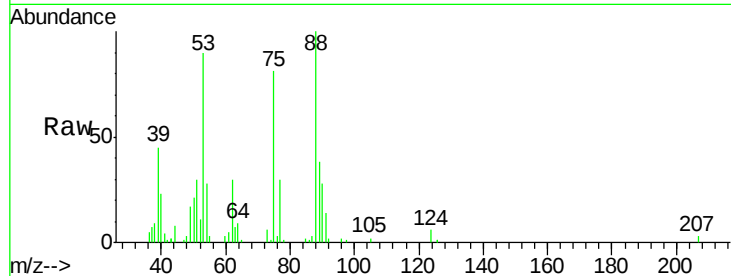
Tgt Ion: 75 Resp: 21959

Ion Ratio Lower Upper

75 100

53 105.7 81.0 121.4

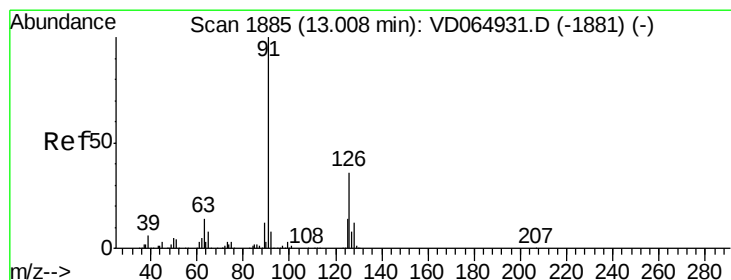
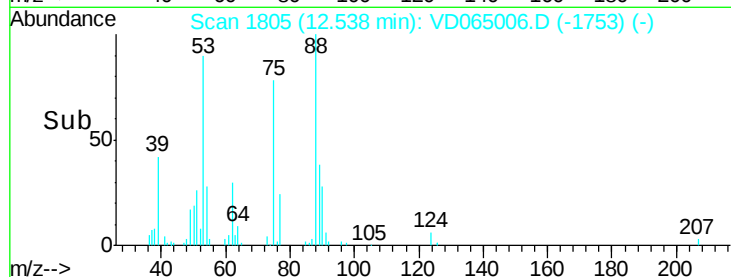
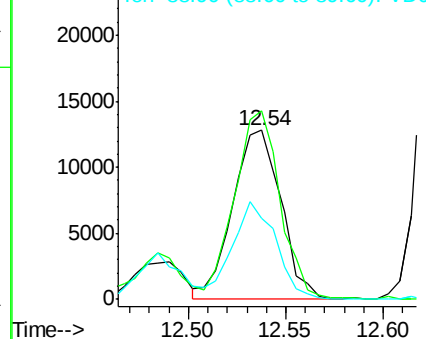
89 51.9 36.2 54.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 20.92 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VD065006.D

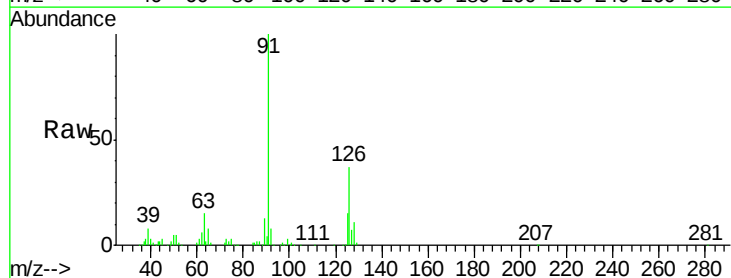
Acq: 30 Jan 2020 11:55

Tgt Ion: 91 Resp: 295281

Ion Ratio Lower Upper

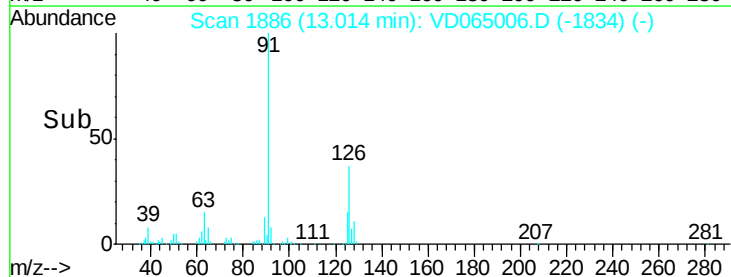
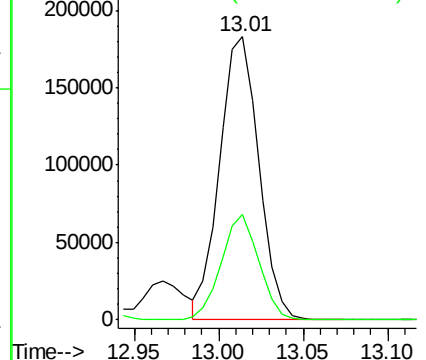
91 100

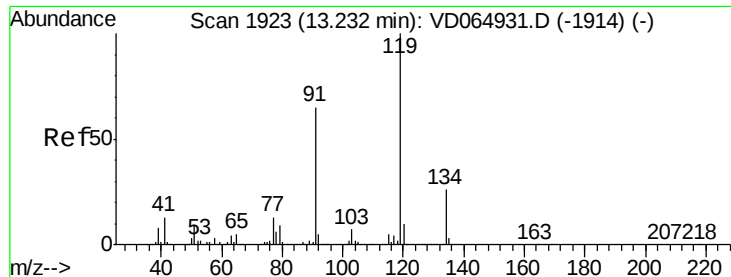
126 35.9 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

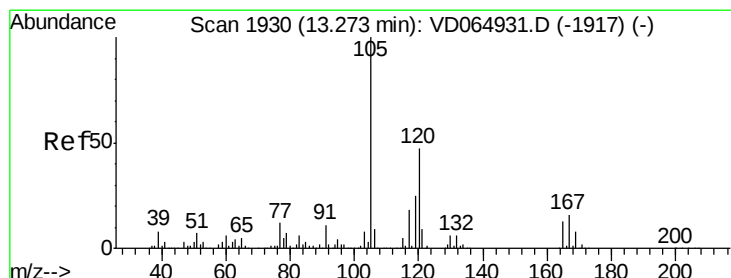
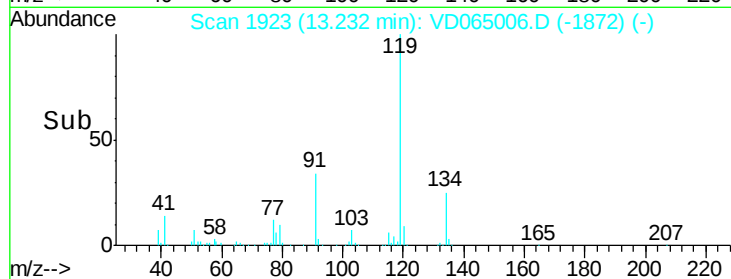
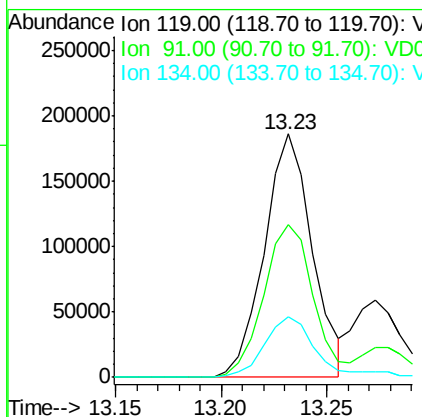
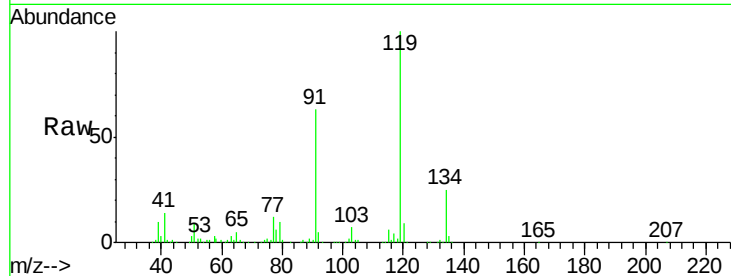




#83
 tert-Butylbenzene
 Concen: 20.72 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VD065006.D
 Acq: 30 Jan 2020 11:55

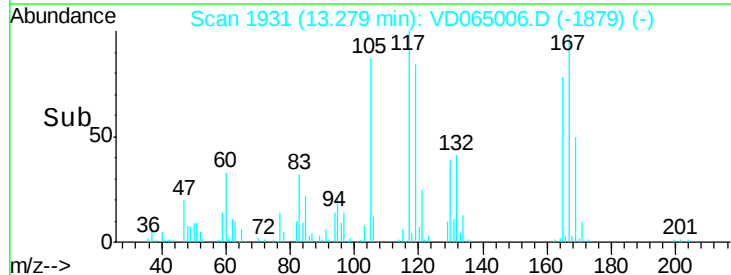
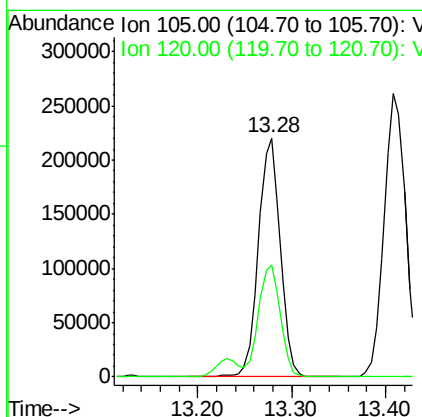
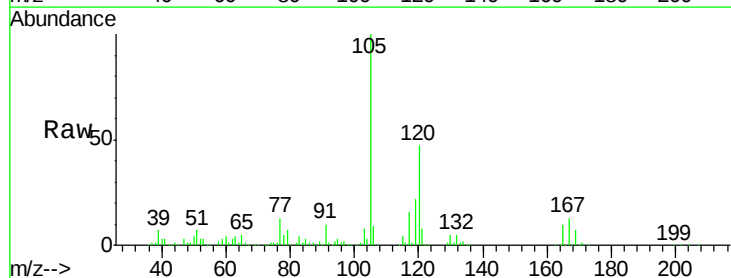
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBSD01

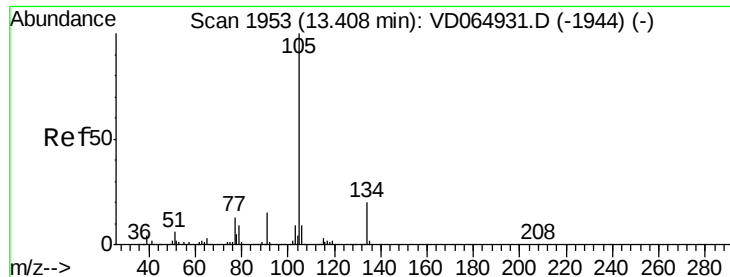
Tgt Ion:	119	Resp:	293943
Ion	Ratio	Lower	Upper
119	100		
91	65.6	32.0	96.0
134	25.1	13.9	41.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.97 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.01 min
 Lab File: VD065006.D
 Acq: 30 Jan 2020 11:55

Tgt Ion:	105	Resp:	355140
Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.1	69.3

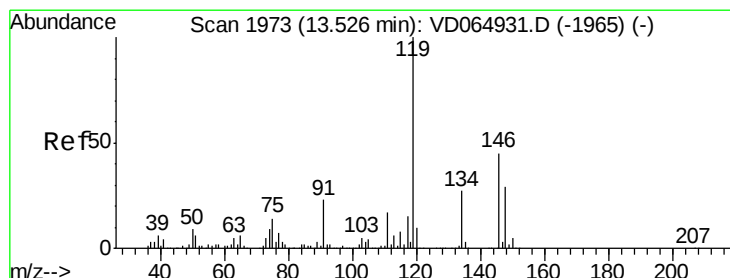
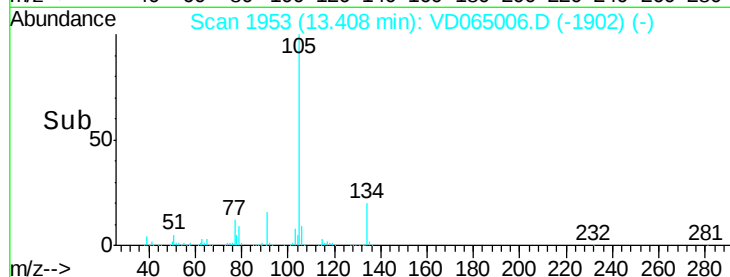
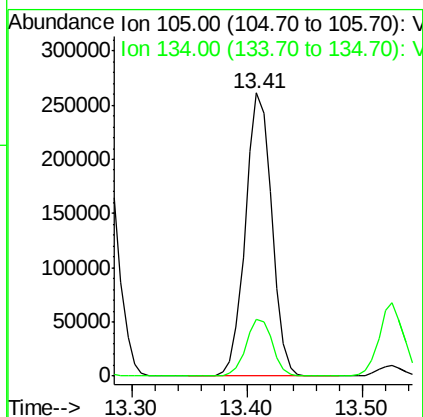
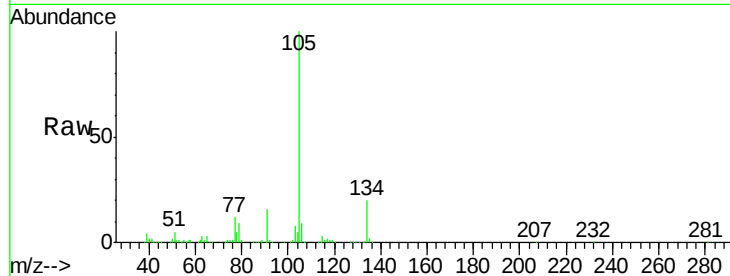




#85
 sec-Butylbenzene
 Concen: 20.66 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065006.D
 Acq: 30 Jan 2020 11:55

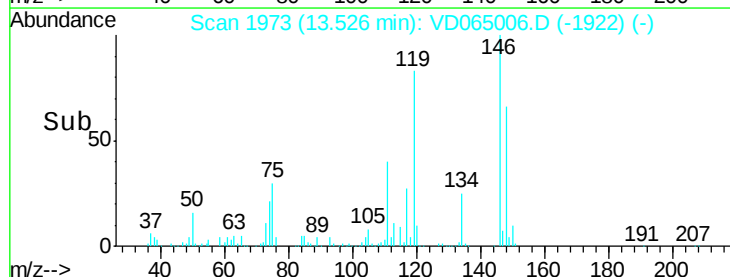
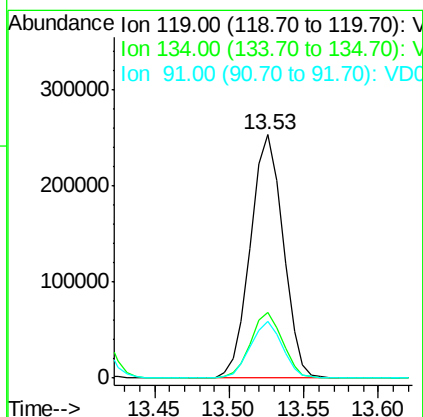
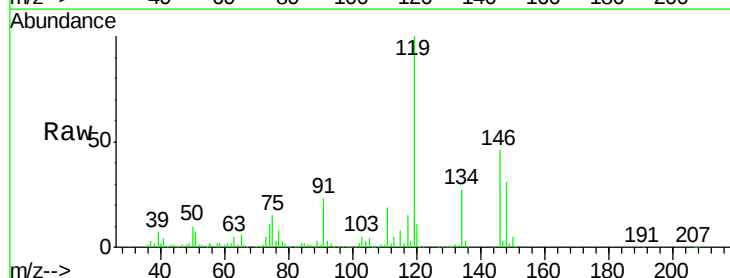
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBSD01

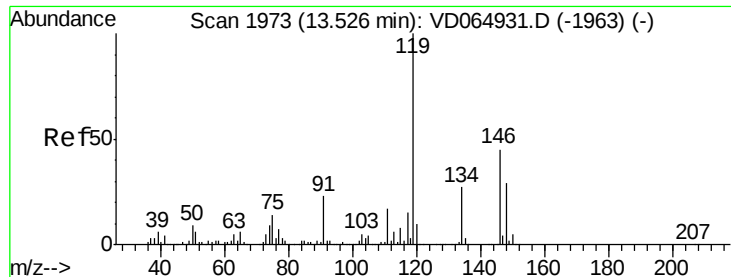
Tgt Ion:105 Resp: 415021
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 20.46 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065006.D
 Acq: 30 Jan 2020 11:55

Tgt Ion:119 Resp: 384566
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.9
 91 23.0 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 20.56 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBSD01

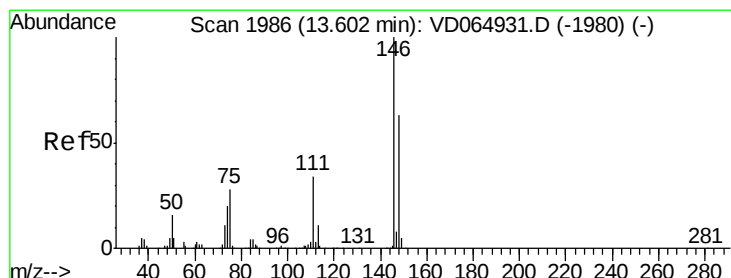
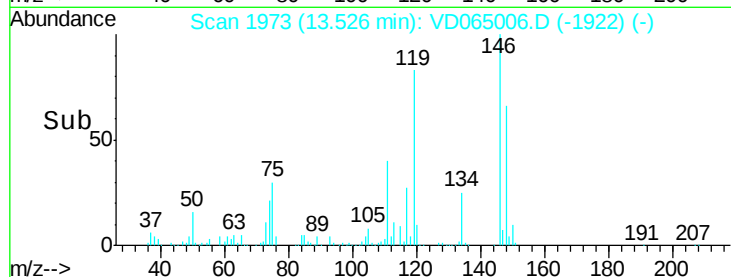
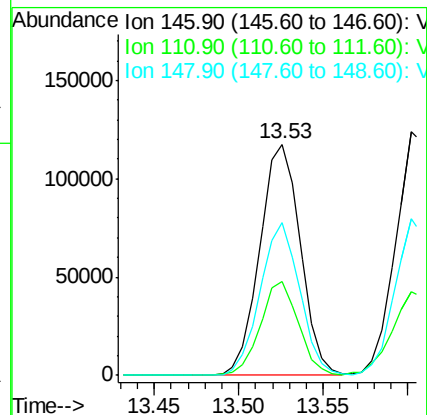
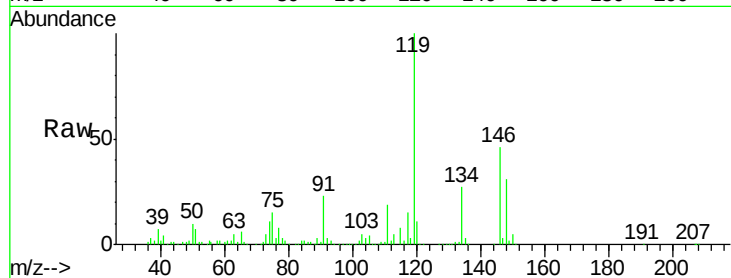
Tgt Ion:146 Resp: 196929

Ion Ratio Lower Upper

146 100

111 38.1 18.9 56.9

148 64.2 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 21.17 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

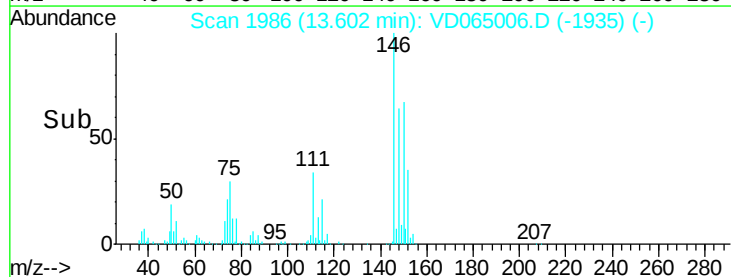
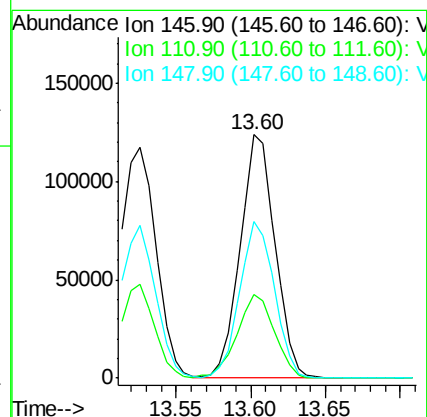
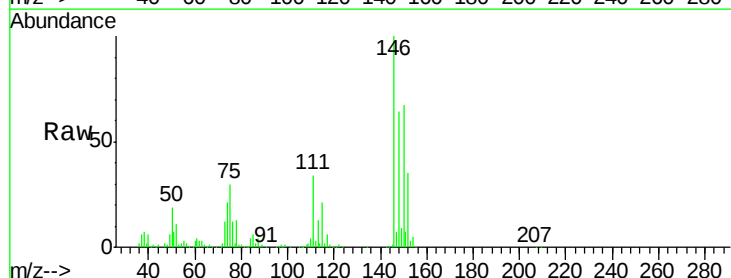
Tgt Ion:146 Resp: 201180

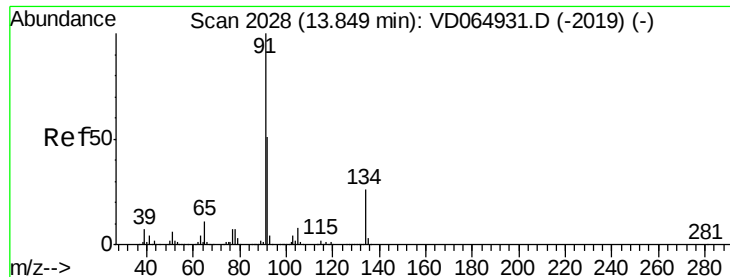
Ion Ratio Lower Upper

146 100

111 36.9 18.2 54.6

148 64.1 32.0 96.0





#89

n-Butylbenzene

Concen: 20.74 ug/l

RT: 13.86 min Scan# 2029

Delta R.T. 0.01 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBS01

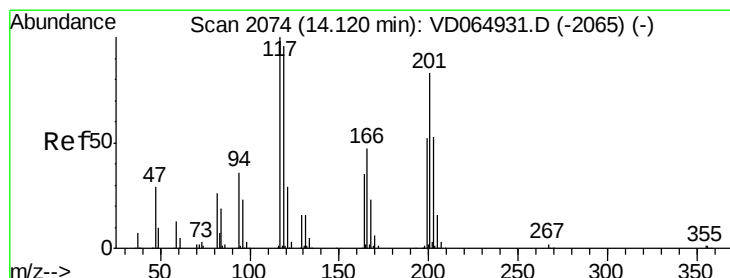
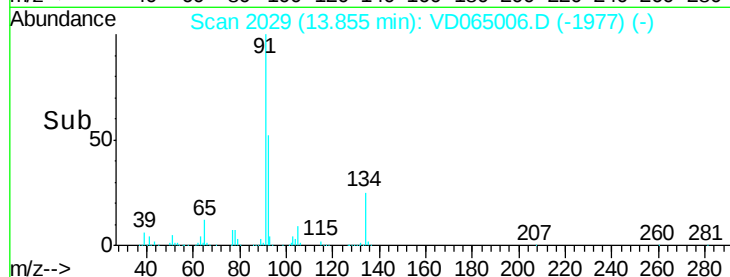
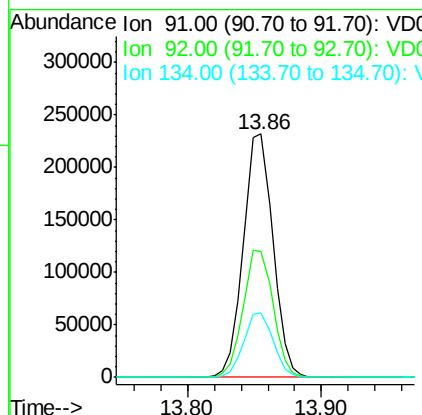
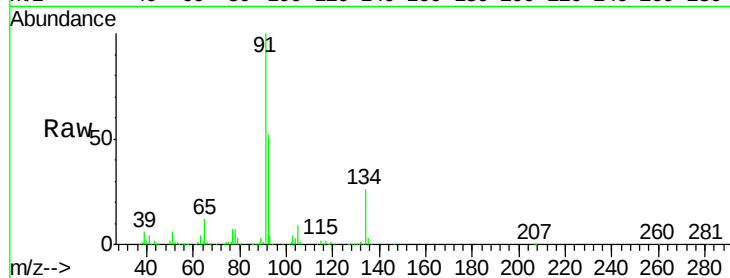
Tgt Ion: 91 Resp: 355800

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.0

134 26.3 13.3 39.9



#90

Hexachloroethane

Concen: 20.48 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. -0.00 min

Lab File: VD065006.D

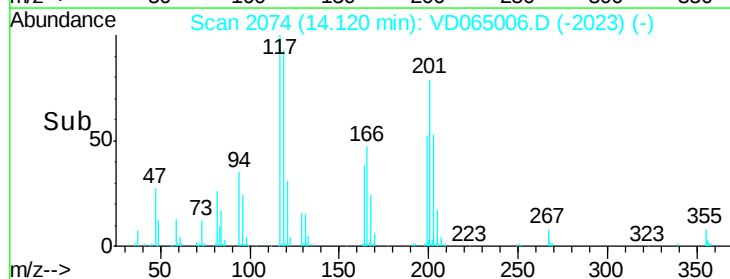
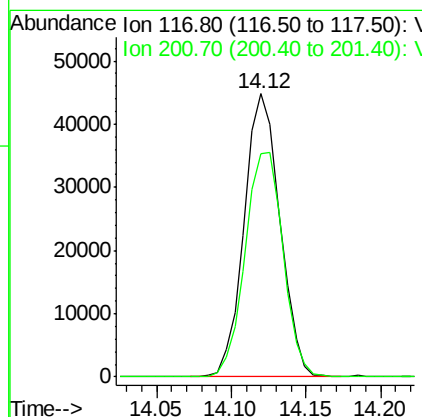
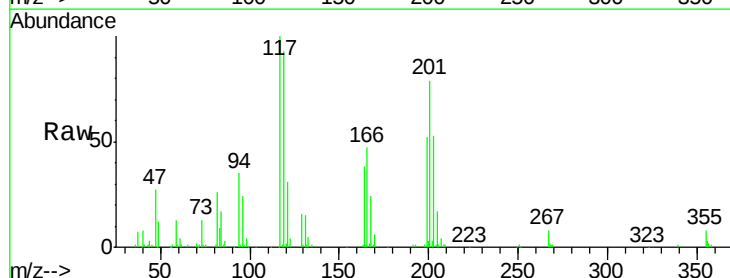
Acq: 30 Jan 2020 11:55

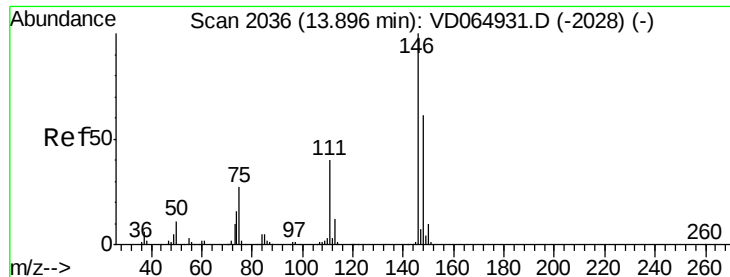
Tgt Ion: 117 Resp: 74247

Ion Ratio Lower Upper

117 100

201 84.2 41.1 123.3

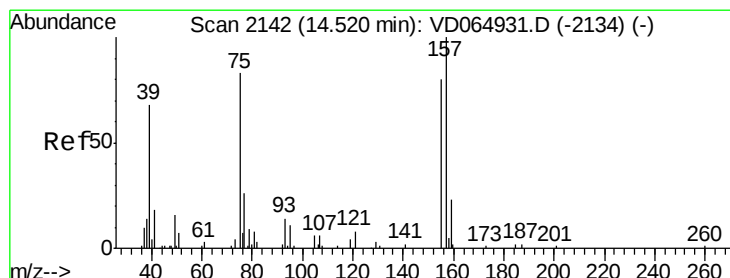
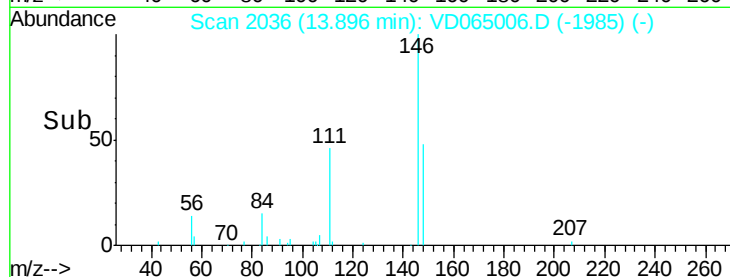
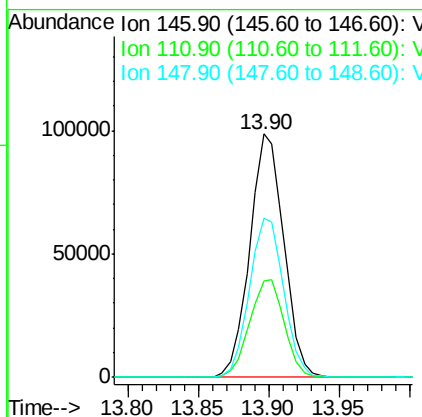
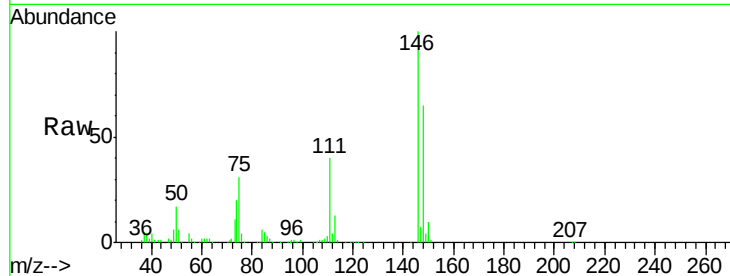




#91
 1,2-Dichlorobenzene
 Concen: 20.51 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065006.D
 Acq: 30 Jan 2020 11:55

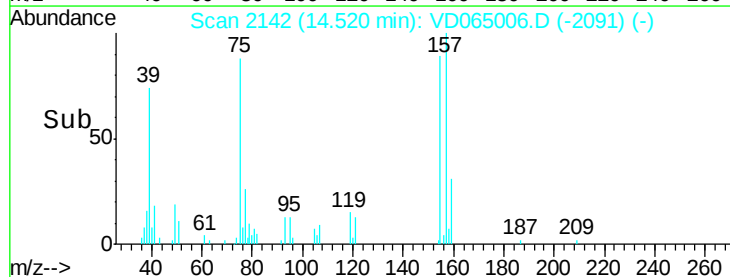
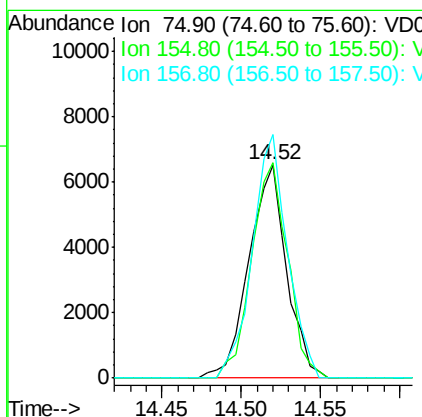
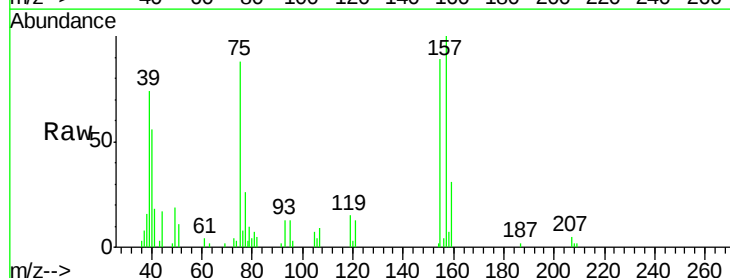
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBSD01

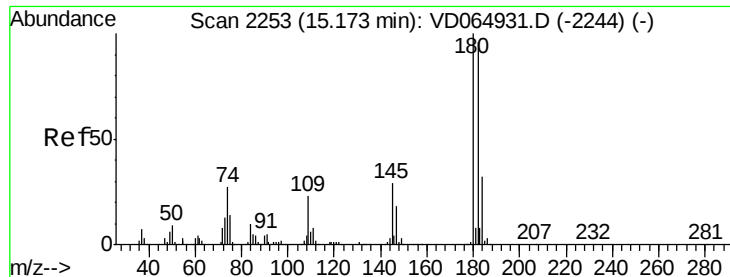
Tgt Ion:146 Resp: 166748
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.4 58.2
 148 66.0 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.67 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VD065006.D
 Acq: 30 Jan 2020 11:55

Tgt Ion: 75 Resp: 10792
 Ion Ratio Lower Upper
 75 100
 155 97.3 44.9 134.7
 157 106.6 58.9 176.6

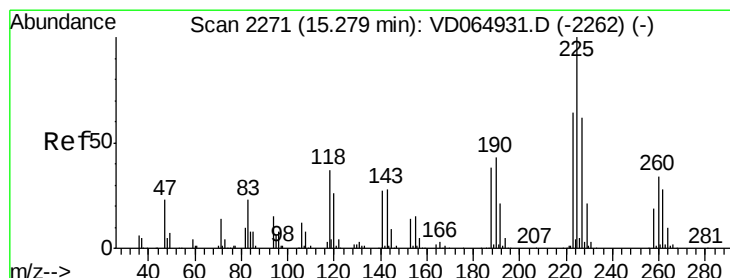
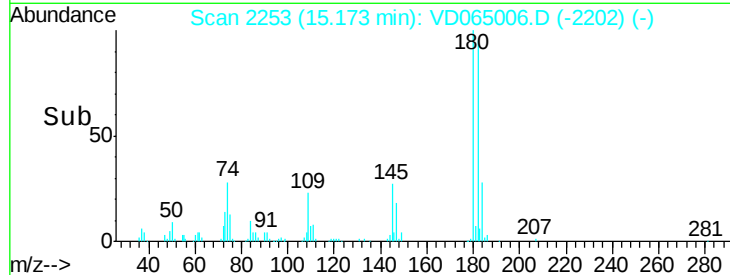
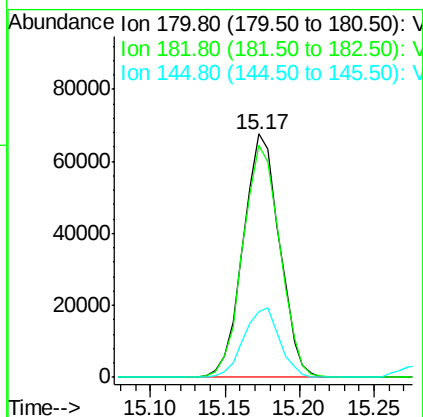
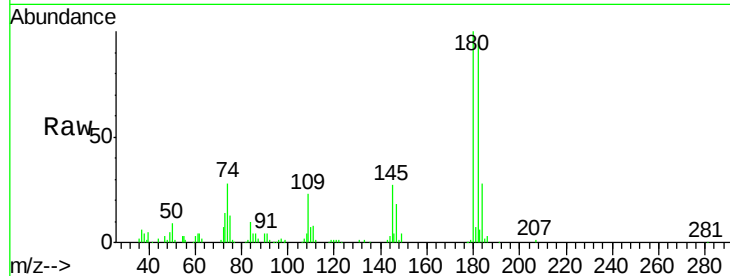




#93
 1,2,4-Trichlorobenzene
 Concen: 20.24 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD065006.D
 Acq: 30 Jan 2020 11:55

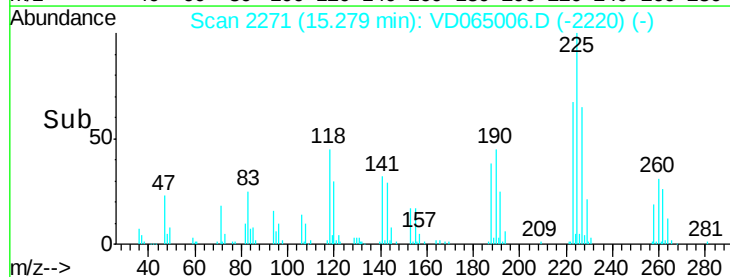
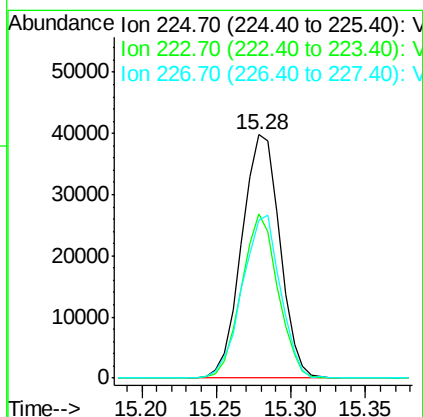
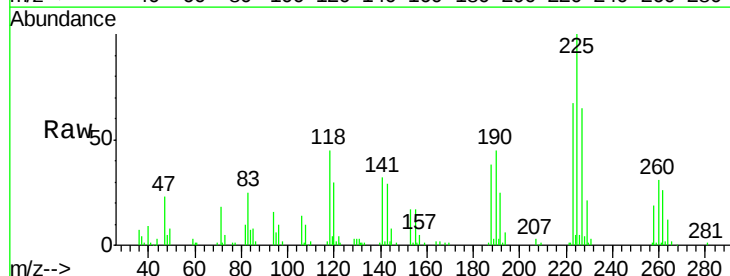
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBSD01

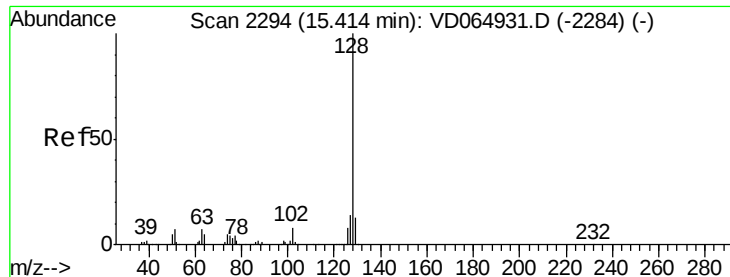
Tgt Ion:180 Resp: 113818
 Ion Ratio Lower Upper
 180 100
 182 97.2 47.1 141.4
 145 28.1 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 19.77 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD065006.D
 Acq: 30 Jan 2020 11:55

Tgt Ion:225 Resp: 70338
 Ion Ratio Lower Upper
 225 100
 223 64.1 32.4 97.2
 227 66.8 31.9 95.9





#95

Naphthalene

Concen: 19.64 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBSD01

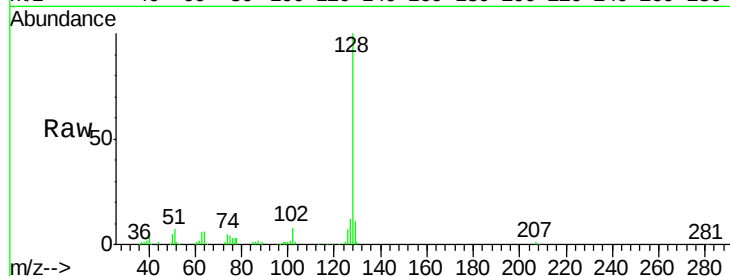
Tgt Ion:128 Resp: 178297

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

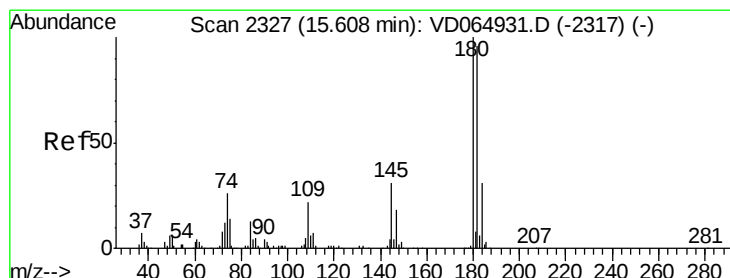
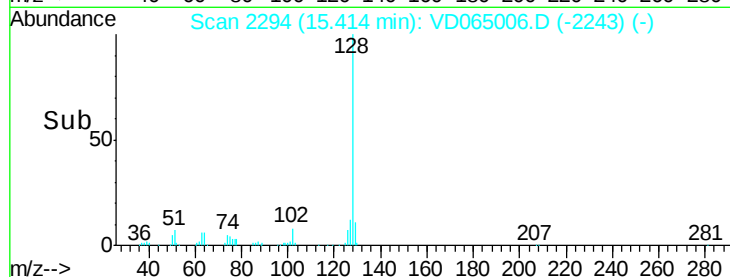
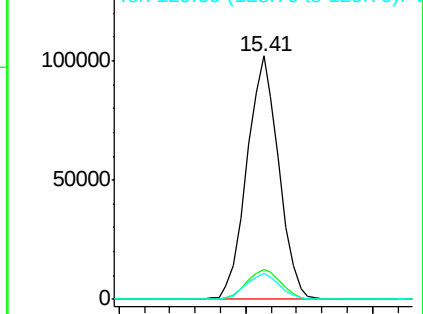
129 11.0 9.3 13.9



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.56 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. -0.00 min

Lab File: VD065006.D

Acq: 30 Jan 2020 11:55

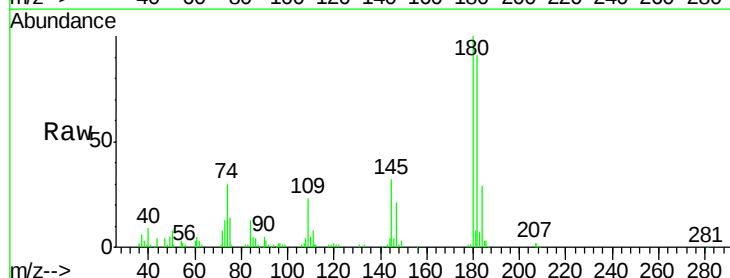
Tgt Ion:180 Resp: 100273

Ion Ratio Lower Upper

180 100

182 91.7 47.3 141.8

145 29.4 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

