

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100219\
 Data File : VD063868.D
 Acq On : 02 Oct 2019 19:07
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00g/5.00mL/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100219

Quant Time: Oct 03 04:11:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 03 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	215801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	347762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	342798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	182794	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	105560	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	7.92	113	108231	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
50) Toluene-d8	10.34	98	430728	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.63	95	146049	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	101167	66.105	ug/l	92
3) Chloromethane	2.21	50	201821	48.707	ug/l	98
4) Vinyl Chloride	2.34	62	218198	44.113	ug/l	99
5) Bromomethane	2.77	94	140043	44.039	ug/l	97
6) Chloroethane	2.92	64	143143	43.759	ug/l	96
7) Trichlorofluoromethane	3.27	101	292714	44.759	ug/l	100
8) Diethyl Ether	3.71	74	51786	49.335	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.09	101	87998	48.611	ug/l	98
10) Methyl Iodide	4.29	142	130003	52.118	ug/l	99
11) Tert butyl alcohol	5.24	59	34630	236.835	ug/l	95
12) 1,1-Dichloroethene	4.06	96	88776	49.086	ug/l	92
13) Acrolein	3.93	56	43556	232.116	ug/l	84
14) Allyl chloride	4.71	41	135258	44.983	ug/l	99
15) Acrylonitrile	5.43	53	109417	236.431	ug/l	99
16) Acetone	4.17	43	130798	239.119	ug/l	96
17) Carbon Disulfide	4.40	76	310261	47.192	ug/l	99
18) Methyl Acetate	4.72	43	49558	46.321	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	230272	49.168	ug/l	100
20) Methylene Chloride	4.96	84	122027	50.294	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	108831	48.338	ug/l	97
22) Diisopropyl ether	6.37	45	285690	46.521	ug/l	97
23) Vinyl Acetate	6.31	43	862086	235.979	ug/l	99
24) 1,1-Dichloroethane	6.27	63	179407	47.429	ug/l	96
25) 2-Butanone	7.23	43	151416	233.575	ug/l #	88
26) 2,2-Dichloropropane	7.21	77	158844	46.422	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	121326	47.609	ug/l	99
28) Bromochloromethane	7.56	49	75605	52.477	ug/l	94
29) Tetrahydrofuran	7.58	42	85231	225.256	ug/l	99
30) Chloroform	7.71	83	192755	46.917	ug/l	93
31) Cyclohexane	7.98	56	156572	50.070	ug/l	93
32) 1,1,1-Trichloroethane	7.90	97	173628	49.267	ug/l	97
36) 1,1-Dichloropropene	8.11	75	145557	45.777	ug/l	98
37) Ethyl Acetate	7.30	43	62341	48.799	ug/l	98
38) Carbon Tetrachloride	8.10	117	152590	47.489	ug/l	90

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Quant Time: Oct 03 04:11:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 03 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	181412	46.402	ug/l	95
40) Benzene	8.35	78	425793	46.729	ug/l	95
41) Methacrylonitrile	7.53	41	31709	43.013	ug/l	93
42) 1,2-Dichloroethane	8.43	62	125638	47.666	ug/l	100
43) Isopropyl Acetate	8.46	43	121178	45.443	ug/l	99
44) Trichloroethene	9.11	130	127386	48.481	ug/l	96
45) 1,2-Dichloropropane	9.39	63	103444	46.381	ug/l	92
46) Dibromomethane	9.48	93	60795	47.863	ug/l	99
47) Bromodichloromethane	9.67	83	155701	47.611	ug/l	98
48) Methyl methacrylate	9.46	41	56536	44.250	ug/l	95
49) 1,4-Dioxane	9.47	88	15522	895.263	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	310371	224.427	ug/l	98
52) Toluene	10.40	92	290723	46.477	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	151869	47.590	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	174263	47.440	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	84479	47.104	ug/l	90
56) Ethyl methacrylate	10.66	69	103435	45.543	ug/l	97
57) 1,3-Dichloropropane	10.95	76	144395	47.057	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	233910	239.607	ug/l	99
59) 2-Hexanone	10.98	43	233006	232.916	ug/l	99
60) Dibromochloromethane	11.14	129	109495	46.895	ug/l	99
61) 1,2-Dibromoethane	11.24	107	83713	48.148	ug/l	99
64) Tetrachloroethene	10.87	164	113589	48.538	ug/l	96
65) Chlorobenzene	11.67	112	328312	47.690	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	121272	47.807	ug/l	97
67) Ethyl Benzene	11.74	91	580235	46.741	ug/l	97
68) m/p-Xylenes	11.86	106	455698	95.107	ug/l	99
69) o-Xylene	12.18	106	220091	47.971	ug/l	95
70) Styrene	12.20	104	371897	47.883	ug/l	99
71) Bromoform	12.36	173	70538	51.814	ug/l #	99
73) Isopropylbenzene	12.48	105	576201	46.890	ug/l	99
74) N-amyl acetate	12.29	43	120708	45.624	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	93964	43.943	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	127763	104.356	ug/l #	100
77) Bromobenzene	12.76	156	146615	47.889	ug/l	97
78) n-propylbenzene	12.82	91	667464	46.275	ug/l	99
79) 2-Chlorotoluene	12.91	91	368605	46.346	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	477937	46.620	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	30303	43.800	ug/l	99
82) 4-Chlorotoluene	13.00	91	398768	47.264	ug/l	100
83) tert-Butylbenzene	13.22	119	423497	46.416	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	493488	46.692	ug/l	99
85) sec-Butylbenzene	13.40	105	573253	46.524	ug/l	99
86) p-Isopropyltoluene	13.51	119	543935	46.652	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	279186	46.152	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	276791	46.380	ug/l	97
89) n-Butylbenzene	13.84	91	510639	47.051	ug/l	98
90) Hexachloroethane	14.11	117	98942	47.182	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	245815	47.153	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16649	50.118	ug/l	95

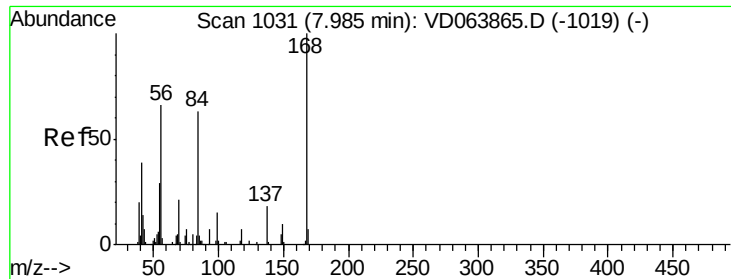
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD100219\
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Quant Title : SW846 8260
QLast Update : Thu Oct 03 04:02:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	186782	46.434	ug/l	97
94) Hexachlorobutadiene	15.27	225	108451	48.857	ug/l	100
95) Naphthalene	15.40	128	336105	49.713	ug/l	99
96) 1,2,3-Trichlorobenzene	15.59	180	170599	49.156	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

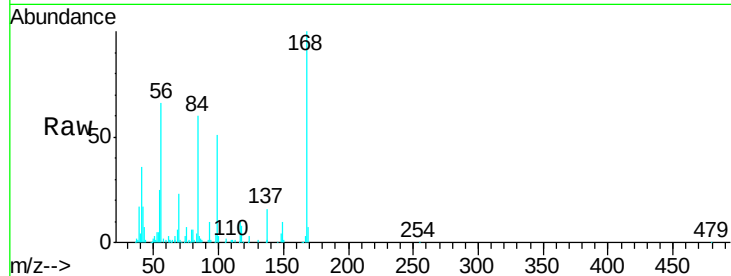
ICVVD100219

Tgt Ion:168 Resp: 215801

Ion Ratio Lower Upper

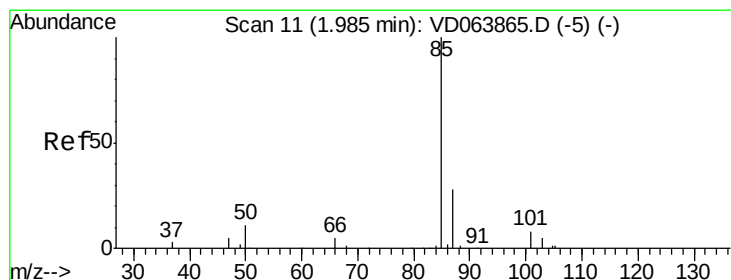
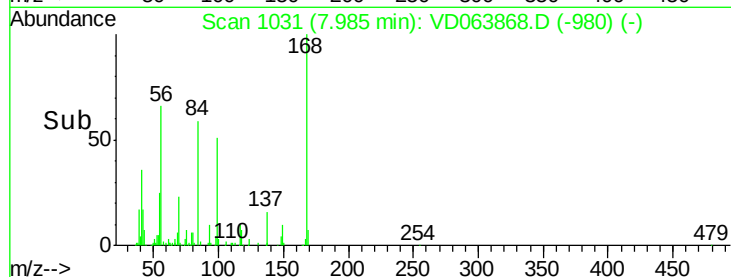
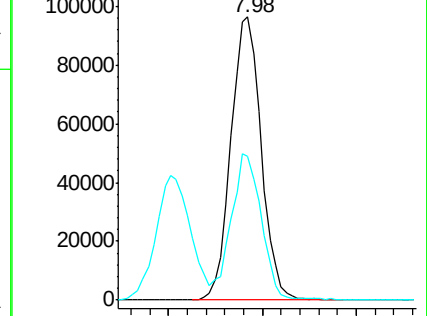
168 100

99 50.7 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 66.105 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD063868.D

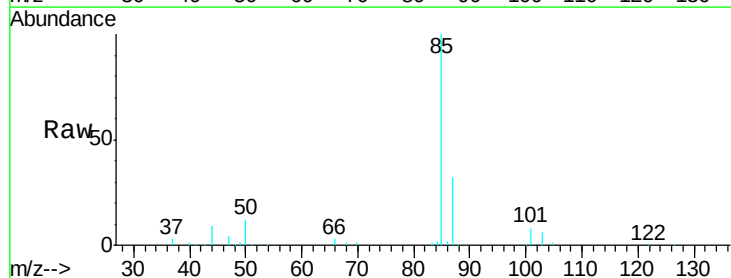
Acq: 02 Oct 2019 19:07

Tgt Ion: 85 Resp: 101167

Ion Ratio Lower Upper

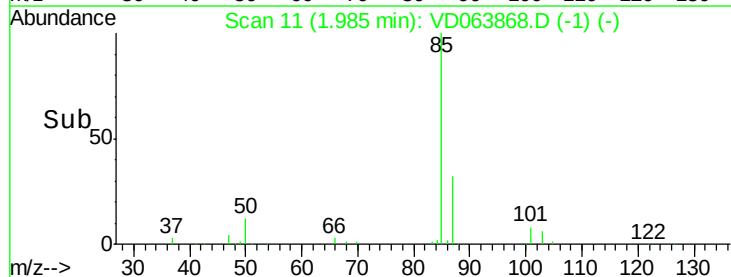
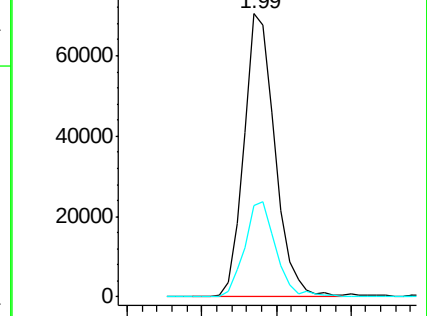
85 100

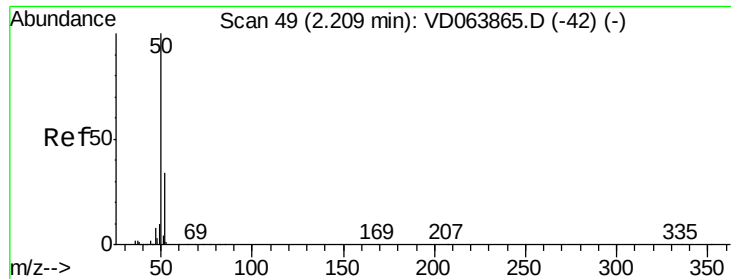
87 32.4 14.0 42.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 48.707 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

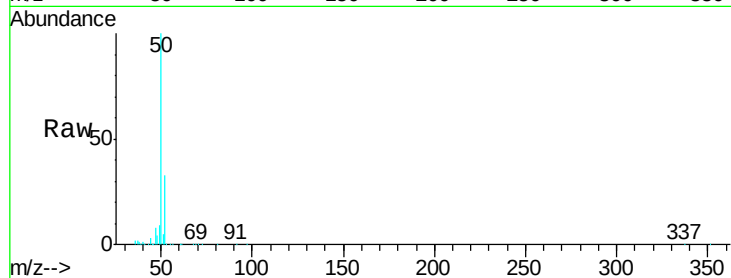
ICVVD100219

Tgt Ion: 50 Resp: 201821

Ion Ratio Lower Upper

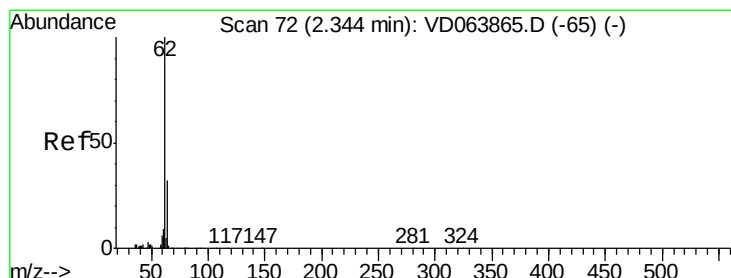
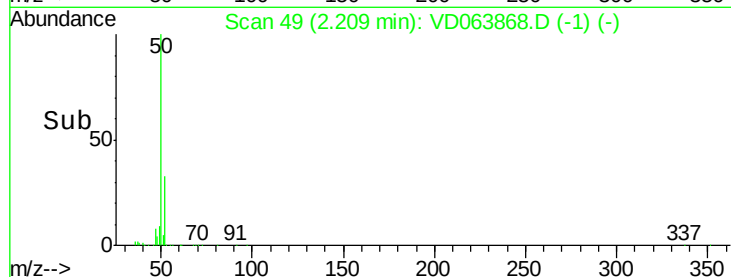
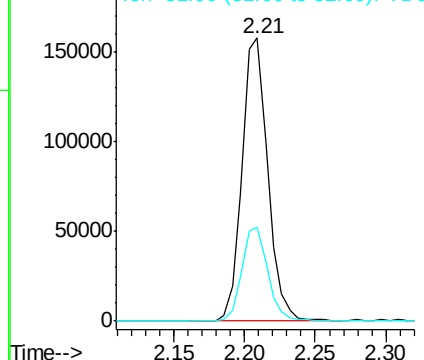
50 100

52 33.2 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 44.113 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.00 min

Lab File: VD063868.D

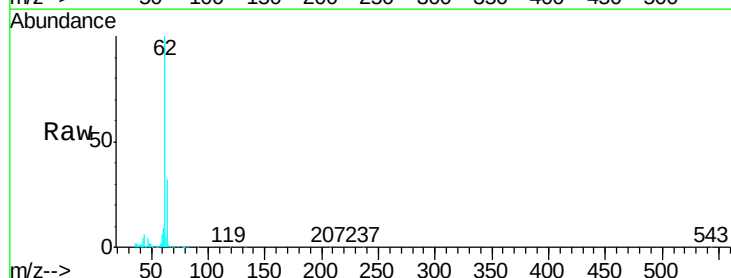
Acq: 02 Oct 2019 19:07

Tgt Ion: 62 Resp: 218198

Ion Ratio Lower Upper

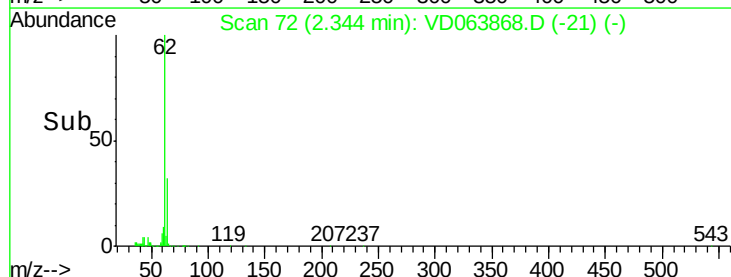
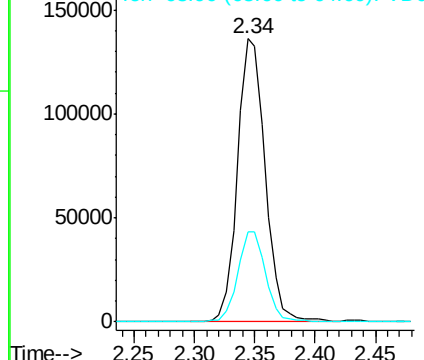
62 100

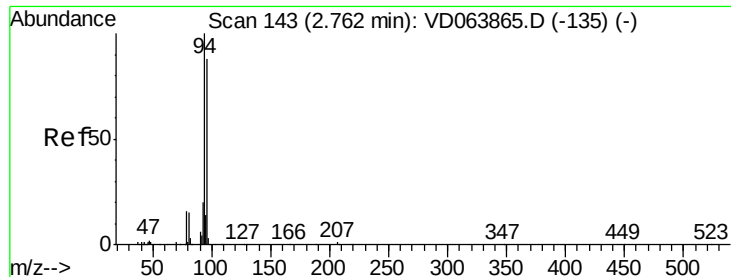
64 32.0 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 44.039 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.01 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

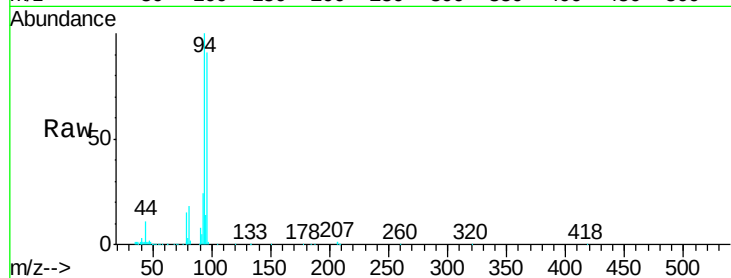
ICVVD100219

Tgt Ion: 94 Resp: 140043

Ion Ratio Lower Upper

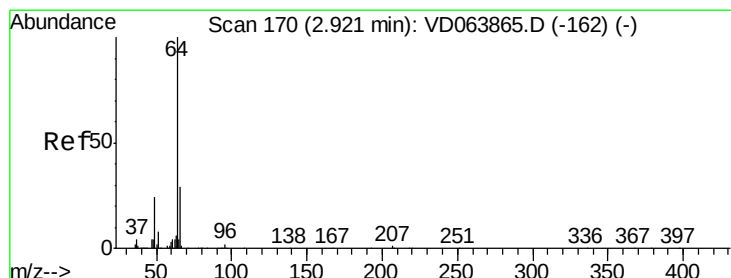
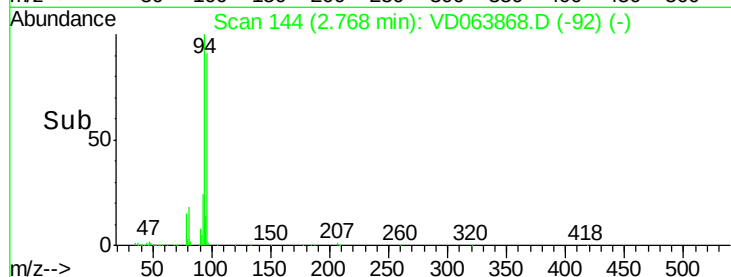
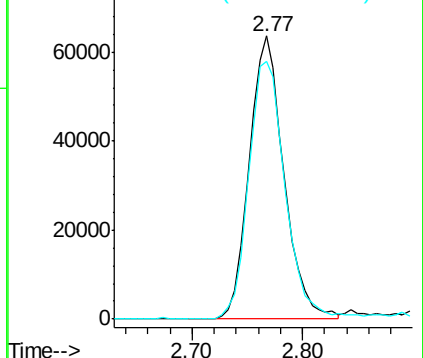
94 100

96 91.2 70.8 106.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 43.759 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD063868.D

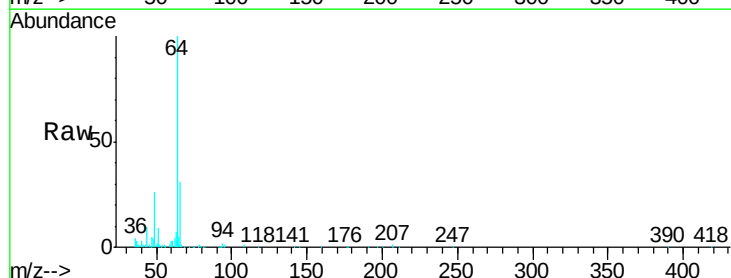
Acq: 02 Oct 2019 19:07

Tgt Ion: 64 Resp: 143143

Ion Ratio Lower Upper

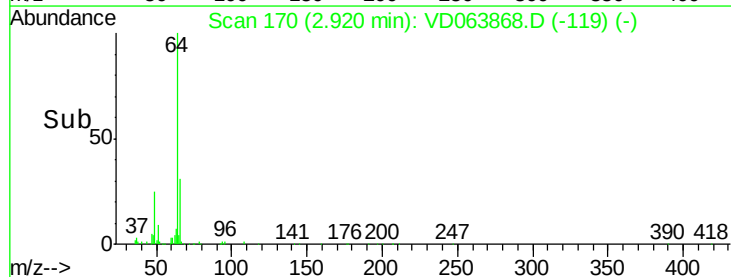
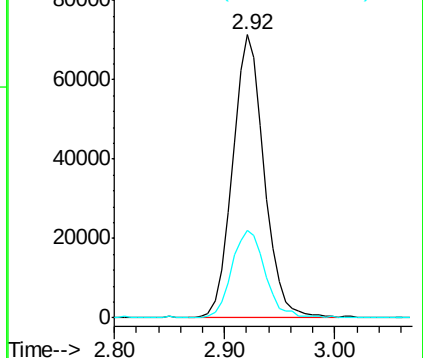
64 100

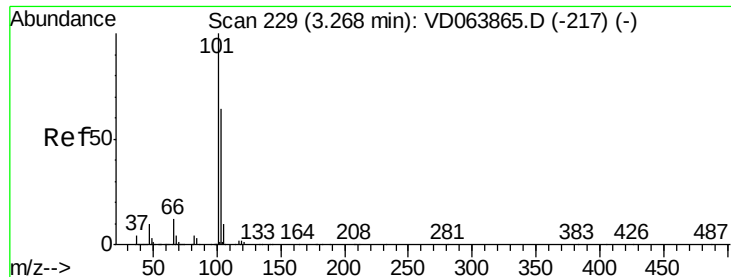
66 30.9 23.0 34.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



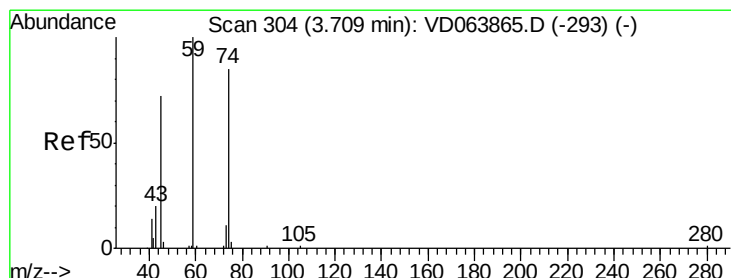
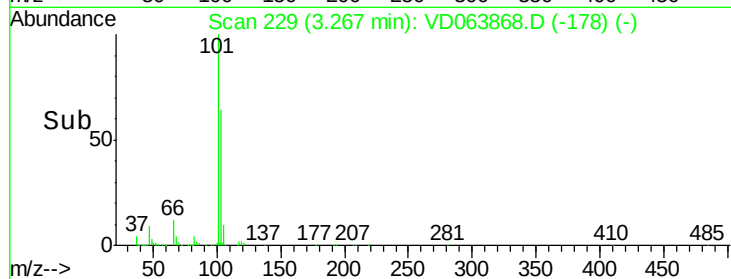
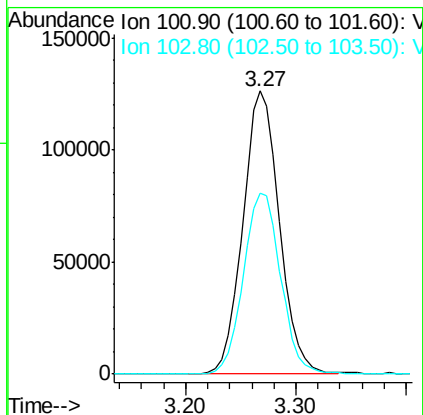
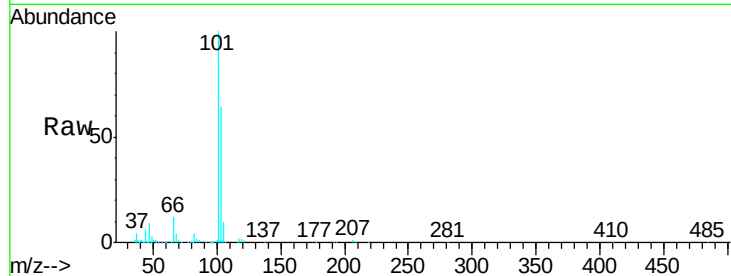


#7

Trichlorofluoromethane
Concen: 44.759 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.00 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100219

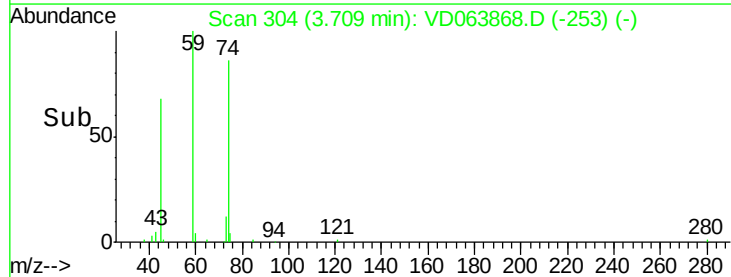
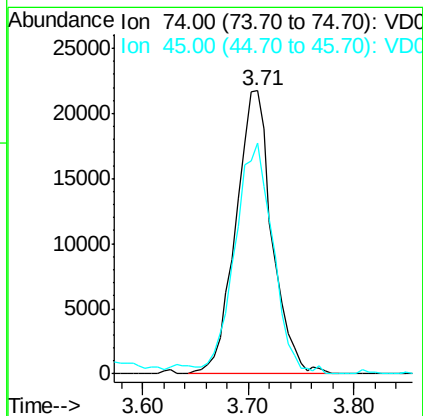
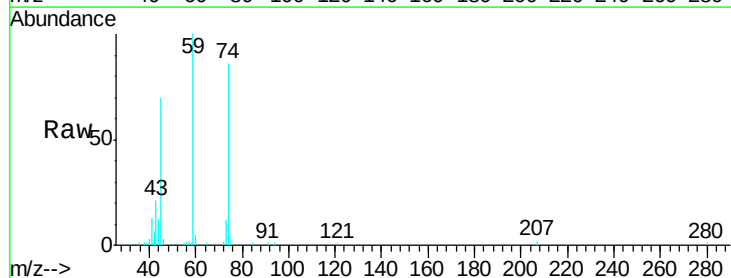
Tgt Ion: 101 Resp: 292714
Ion Ratio Lower Upper
101 100
103 63.8 51.1 76.7

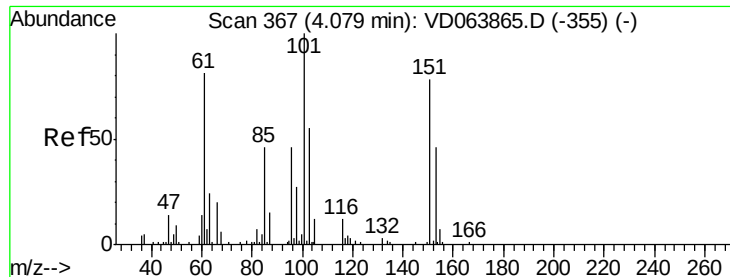


#8

Diethyl Ether
Concen: 49.335 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

Tgt Ion: 74 Resp: 51786
Ion Ratio Lower Upper
74 100
45 85.4 48.1 144.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.611 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.01 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100219

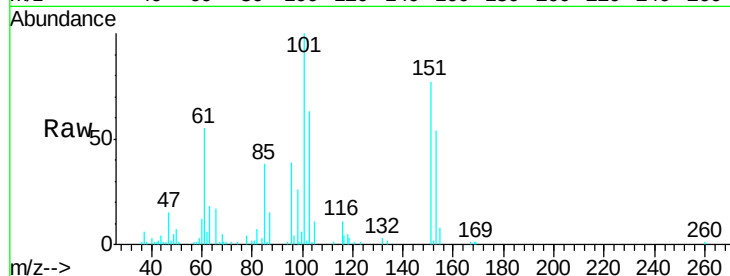
Tgt Ion:101 Resp: 87998

Ion Ratio Lower Upper

101 100

85 47.0 37.5 56.3

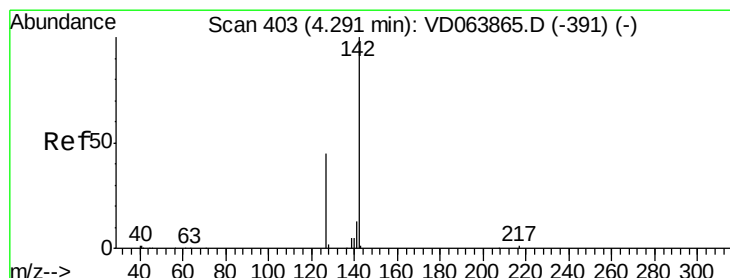
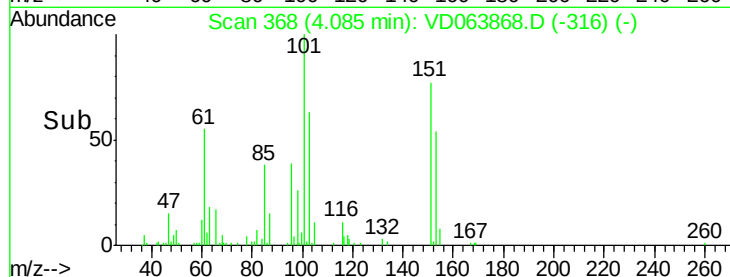
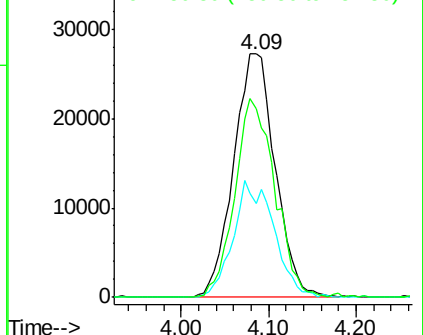
151 78.6 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VD

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.118 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

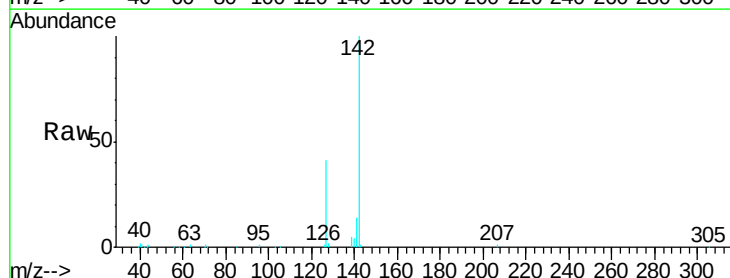
Tgt Ion:142 Resp: 130003

Ion Ratio Lower Upper

142 100

127 44.9 35.3 52.9

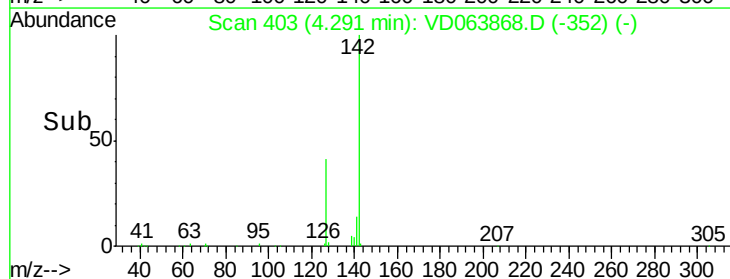
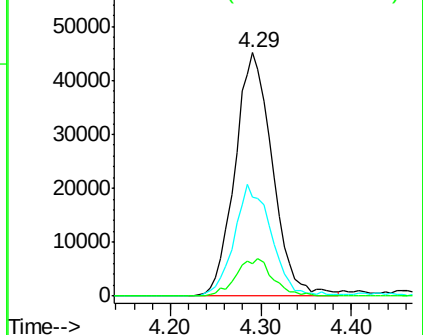
141 15.1 12.2 18.2

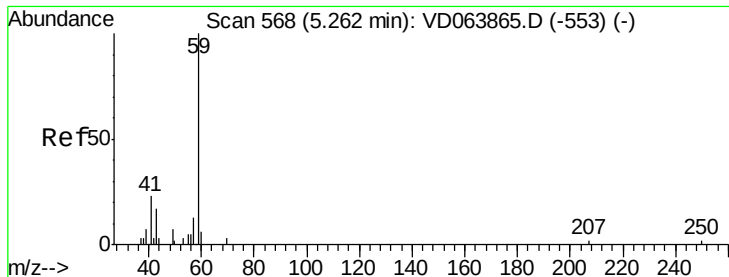


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



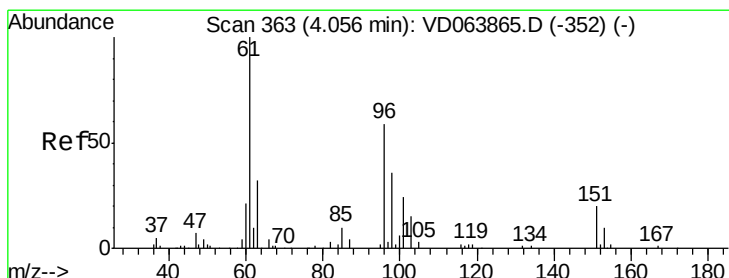
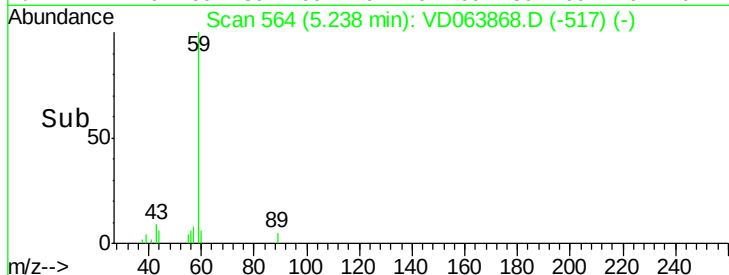
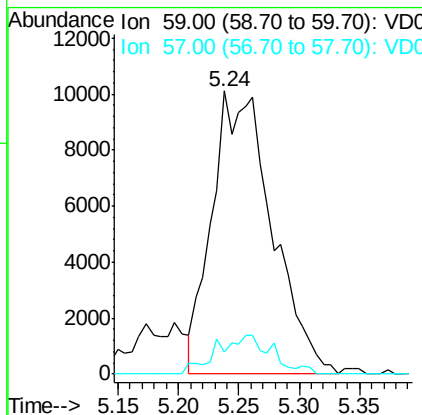
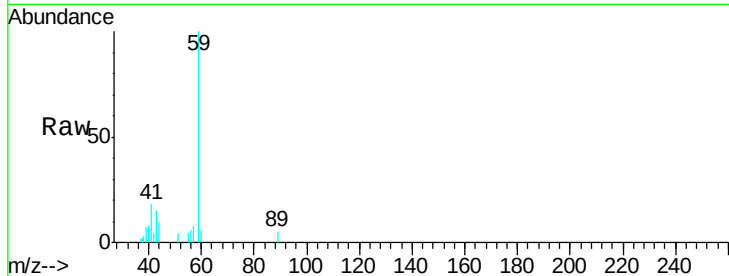


#11

Tert butyl alcohol
 Concen: 236.835 ug/l
 RT: 5.24 min Scan# 564
 Delta R.T. -0.02 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100219

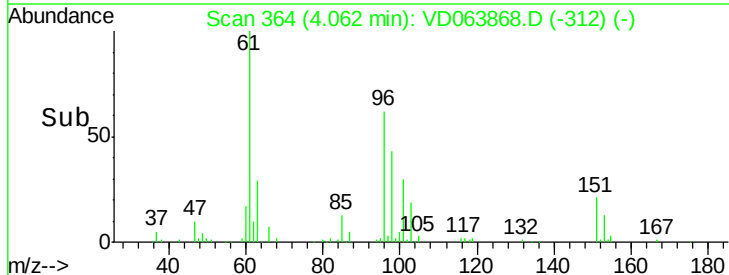
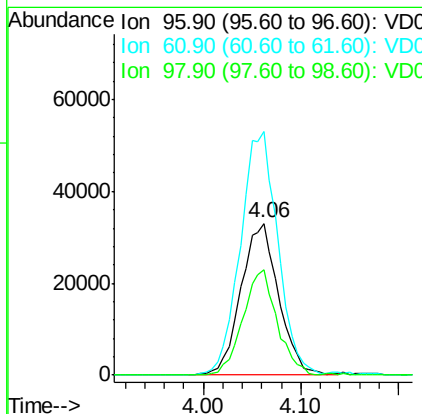
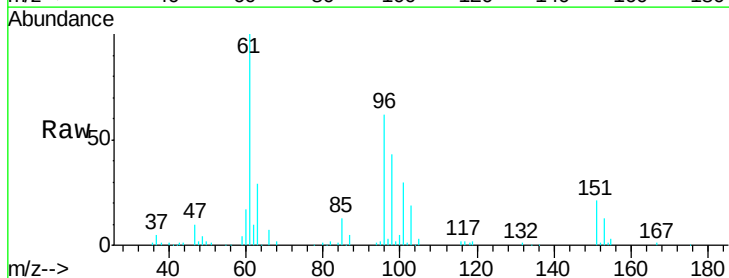
Tgt Ion: 59 Resp: 34630
 Ion Ratio Lower Upper
 59 100
 57 12.9 8.8 13.2

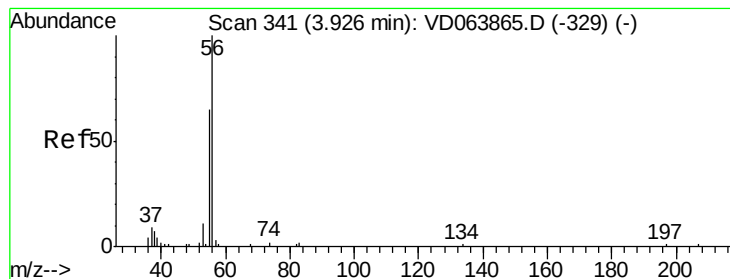


#12

1,1-Dichloroethene
 Concen: 49.086 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

Tgt Ion: 96 Resp: 88776
 Ion Ratio Lower Upper
 96 100
 61 160.7 135.6 203.4
 98 69.6 49.2 73.8





#13

Acrolein

Concen: 232.116 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

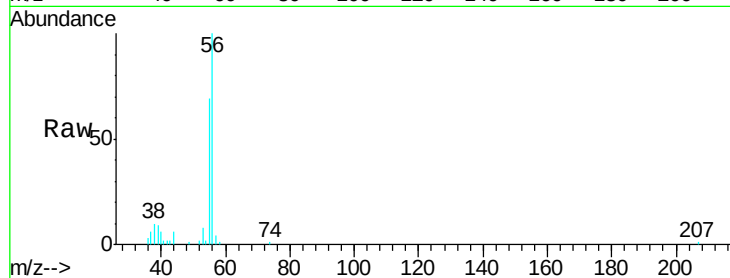
ICVVD100219

Tgt Ion: 56 Resp: 43556

Ion Ratio Lower Upper

56 100

55 78.7 53.0 79.6



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

20000

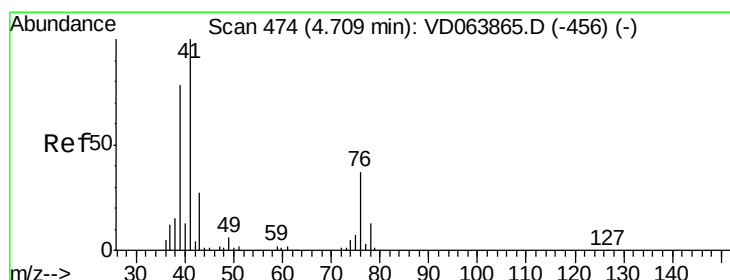
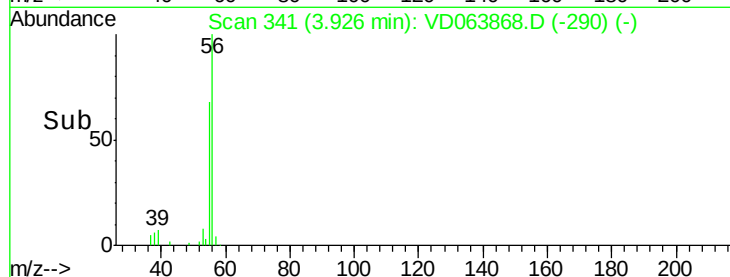
15000

10000

5000

0

Time--> 3.80 3.90 4.00



#14

Allyl chloride

Concen: 44.983 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

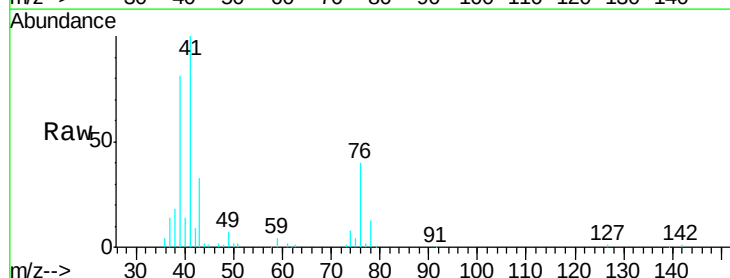
Tgt Ion: 41 Resp: 135258

Ion Ratio Lower Upper

41 100

39 76.2 61.8 92.6

76 40.3 31.3 46.9



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

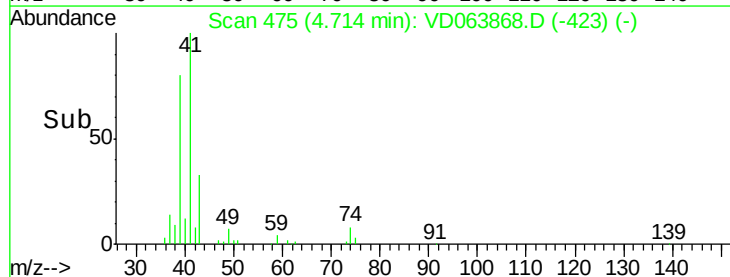
30000

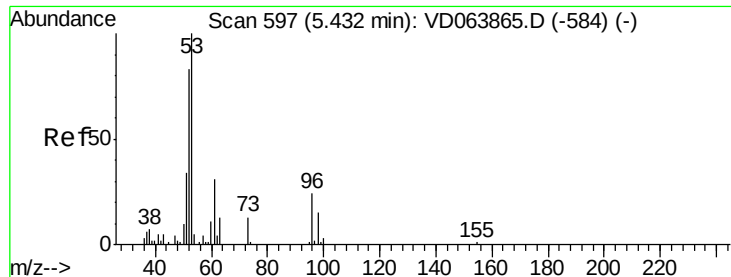
20000

10000

0

Time--> 4.50 4.60 4.70 4.80 4.90





#15

Acrylonitrile

Concen: 236.431 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100219

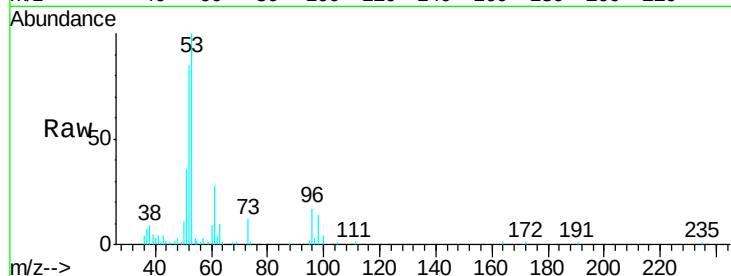
Tgt Ion: 53 Resp: 109417

Ion Ratio Lower Upper

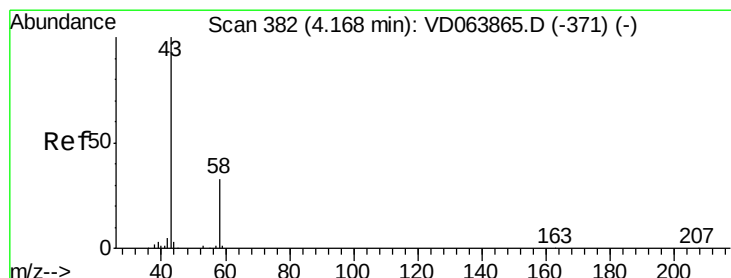
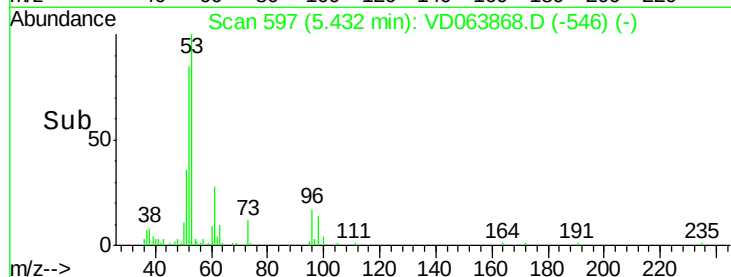
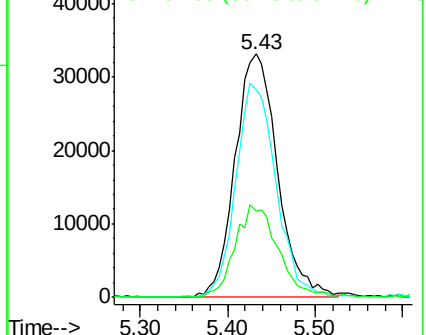
53 100

52 83.3 67.3 100.9

51 38.4 30.5 45.7



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: 239.119 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD063868.D

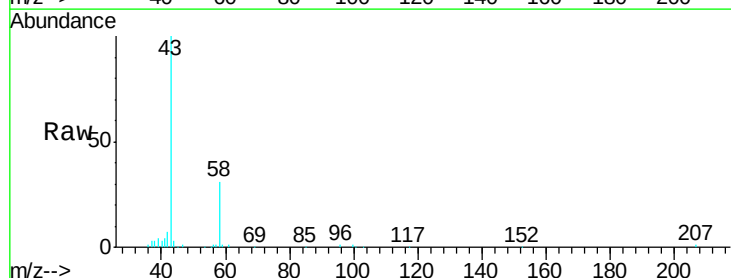
Acq: 02 Oct 2019 19:07

Tgt Ion: 43 Resp: 130798

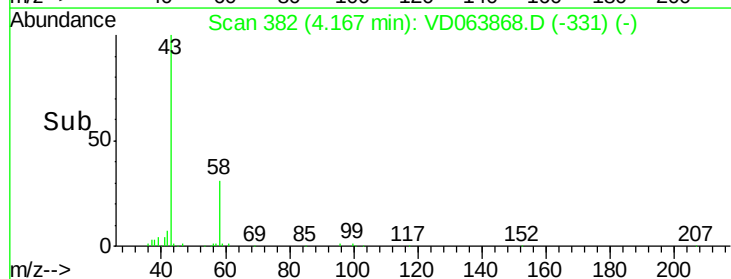
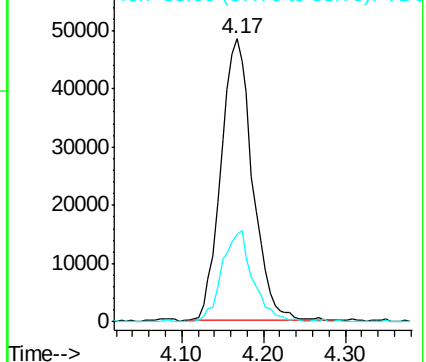
Ion Ratio Lower Upper

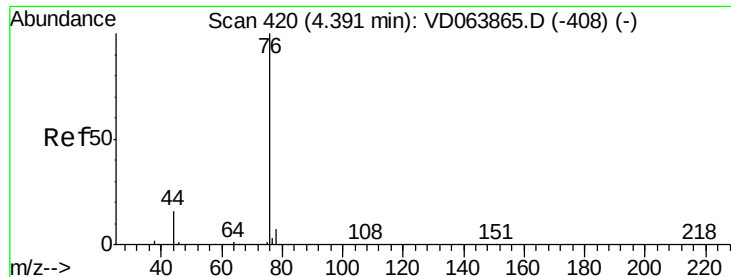
43 100

58 30.6 26.2 39.4



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

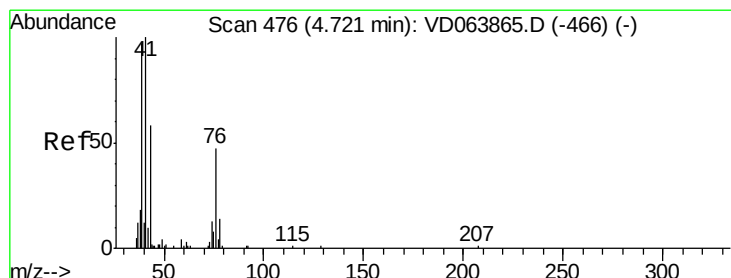
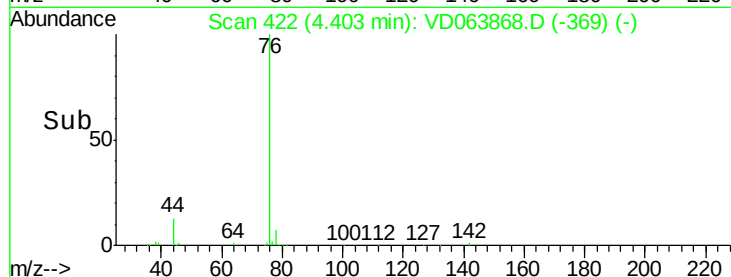
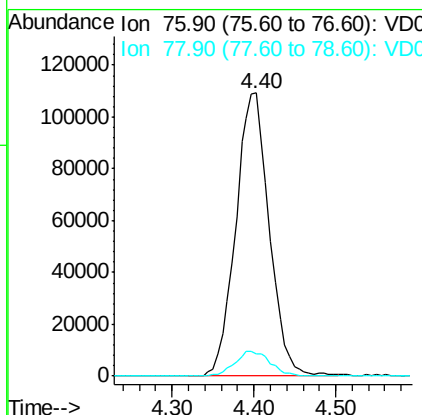
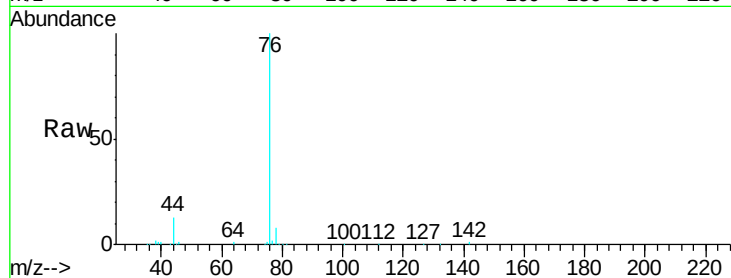




#17
Carbon Disulfide
Concen: 47.192 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

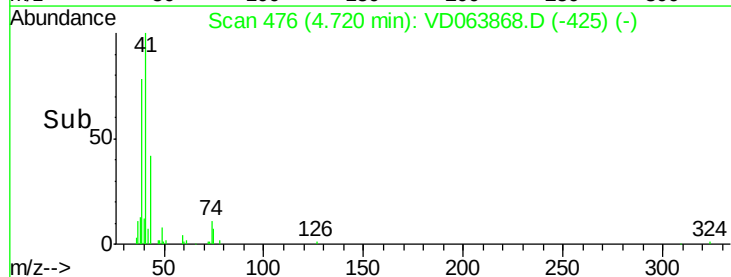
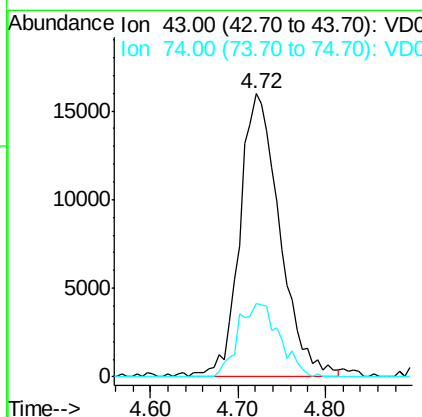
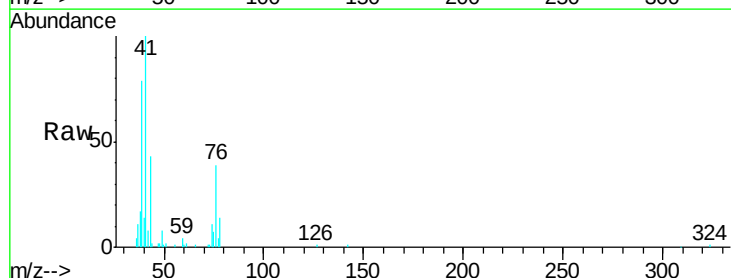
Instrument :
MSVOA_D
ClientSampleId :
ICVVD100219

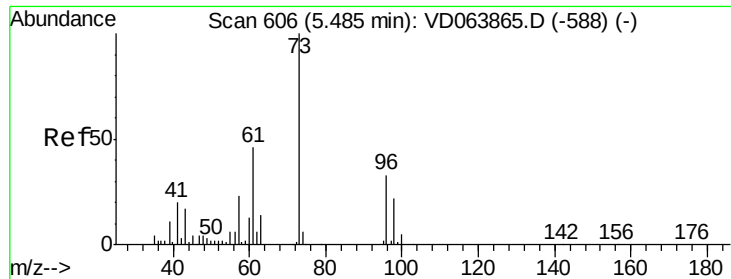
Tgt Ion: 76 Resp: 310261
Ion Ratio Lower Upper
76 100
78 7.7 5.8 8.8



#18
Methyl Acetate
Concen: 46.321 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.00 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

Tgt Ion: 43 Resp: 49558
Ion Ratio Lower Upper
43 100
74 26.8 20.8 31.2

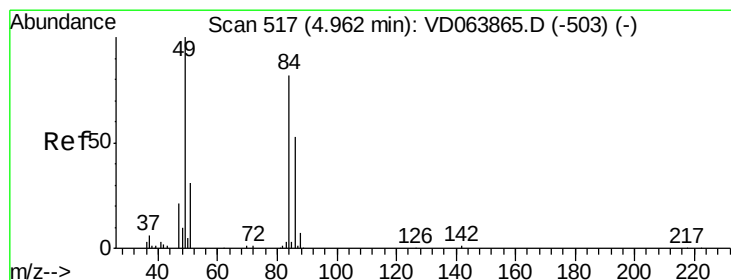
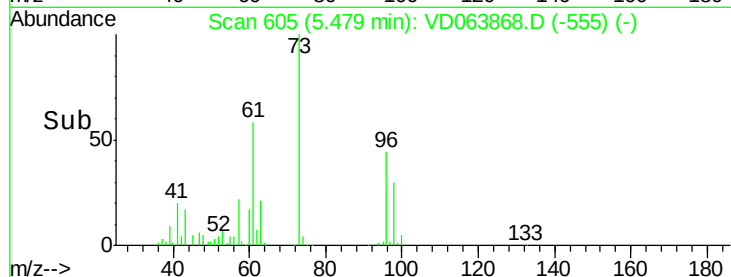
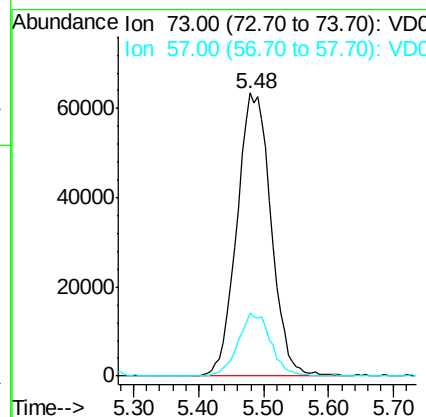
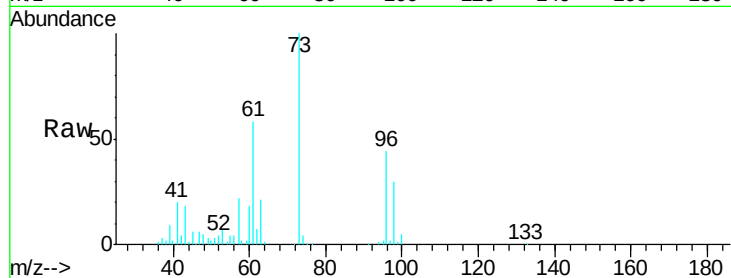




#19
Methyl tert-butyl Ether
Concen: 49.168 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.01 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

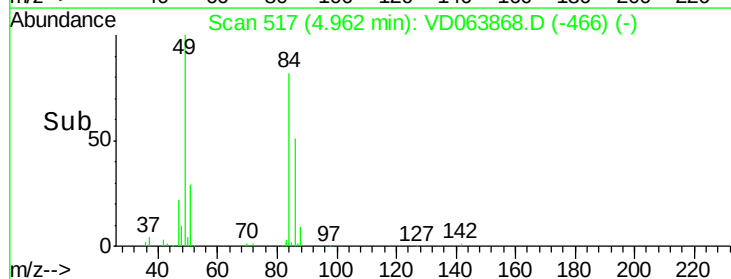
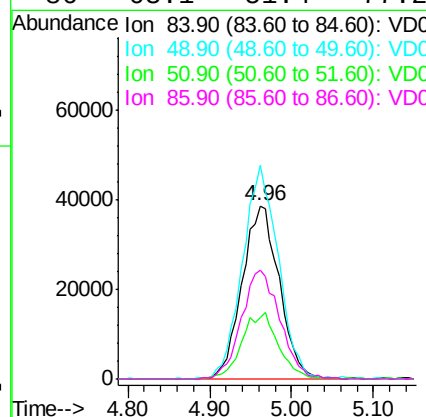
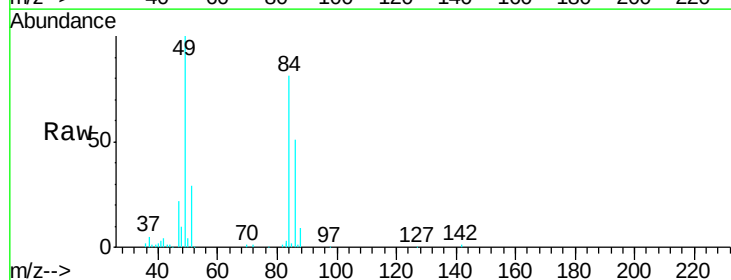
Instrument :
MSVOA_D
ClientSampleId :
ICVVD100219

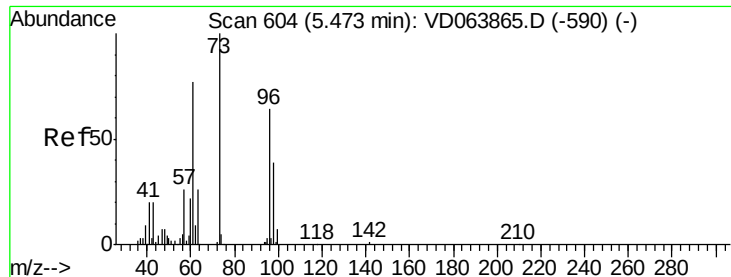
Tgt Ion: 73 Resp: 230272
Ion Ratio Lower Upper
73 100
57 22.4 18.1 27.1



#20
Methylene Chloride
Concen: 50.294 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

Tgt Ion: 84 Resp: 122027
Ion Ratio Lower Upper
84 100
49 123.3 97.3 145.9
51 35.4 30.1 45.1
86 63.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 48.338 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100219

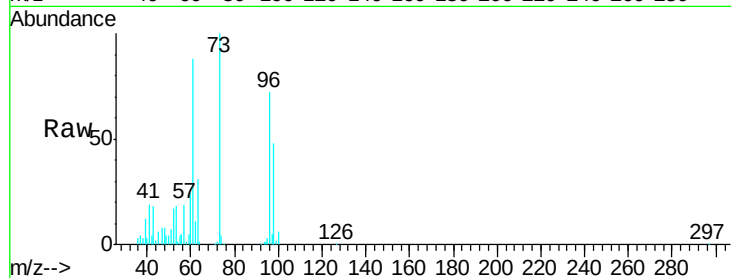
Tgt Ion: 96 Resp: 108831

Ion Ratio Lower Upper

96 100

61 122.3 96.6 145.0

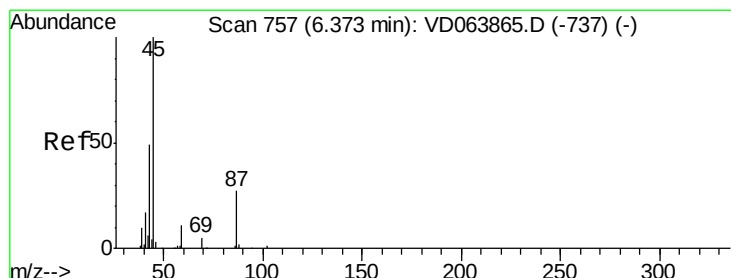
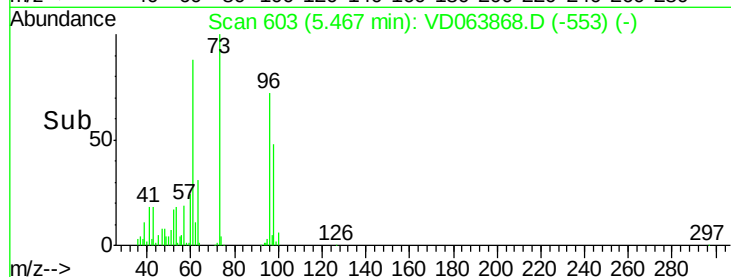
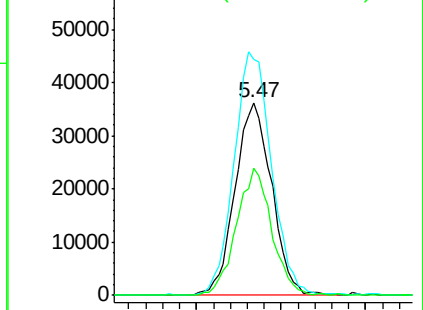
98 66.1 48.7 73.1



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 46.521 ug/l

RT: 6.37 min Scan# 757

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Tgt Ion: 45 Resp: 285690

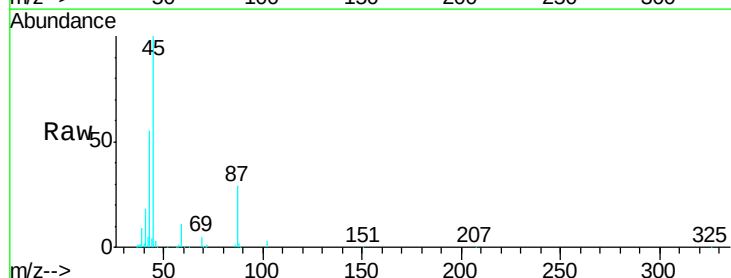
Ion Ratio Lower Upper

45 100

43 53.8 41.2 61.8

87 29.3 22.2 33.4

59 10.9 9.2 13.8

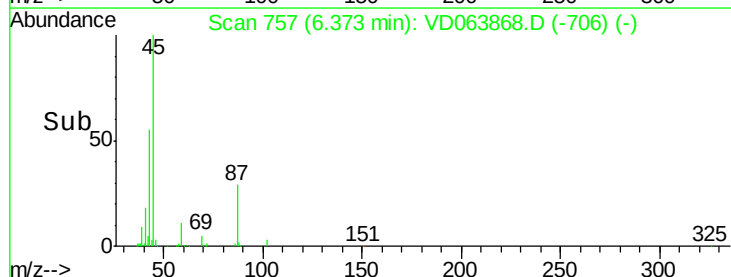
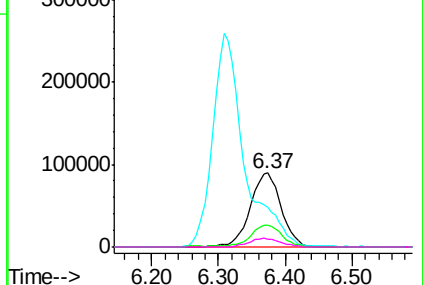


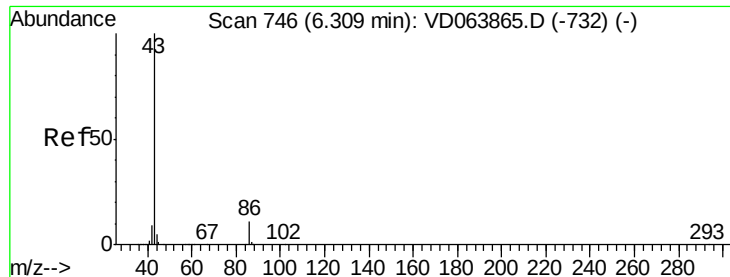
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 235.979 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

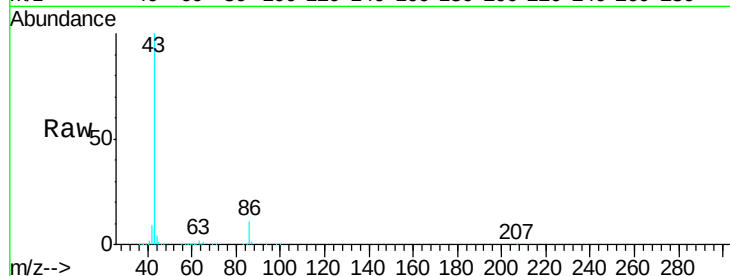
ICVVD100219

Tgt Ion: 43 Resp: 862086

Ion Ratio Lower Upper

43 100

86 11.5 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

250000

200000

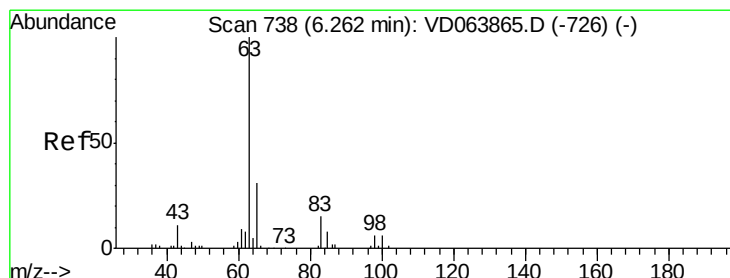
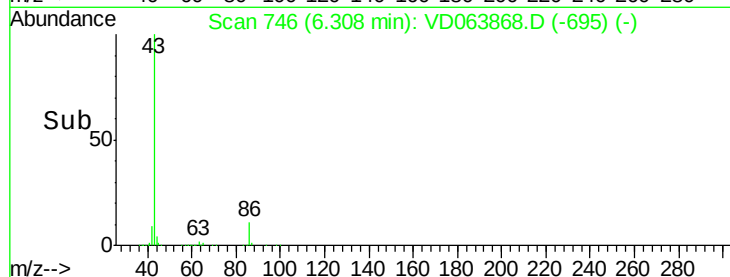
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.429 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

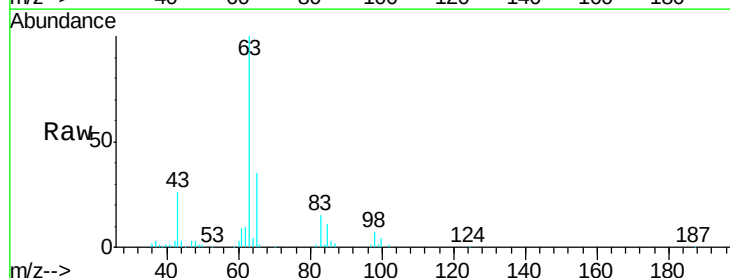
Tgt Ion: 63 Resp: 179407

Ion Ratio Lower Upper

63 100

98 7.4 3.1 9.4

100 4.4 3.0 9.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

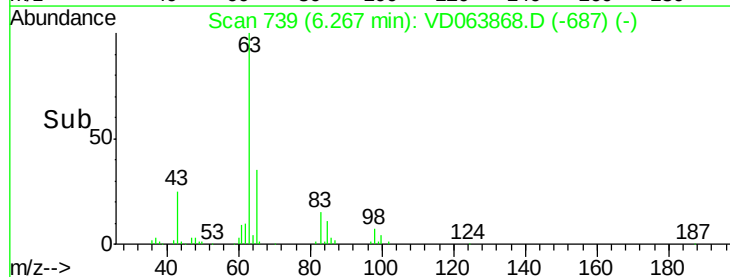
60000

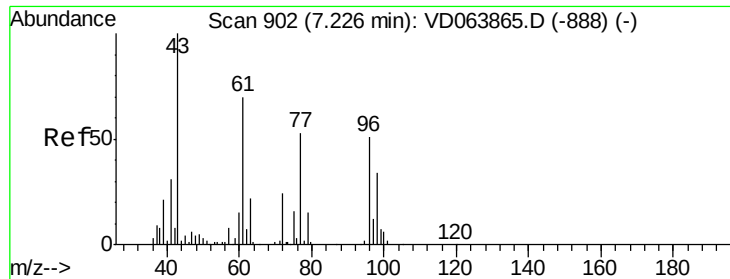
40000

20000

0

Time-->





#25

2-Butanone

Concen: 233.575 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

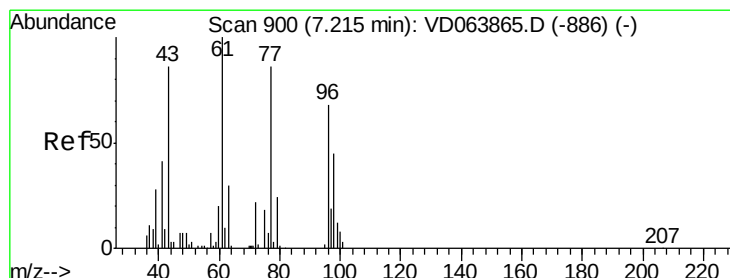
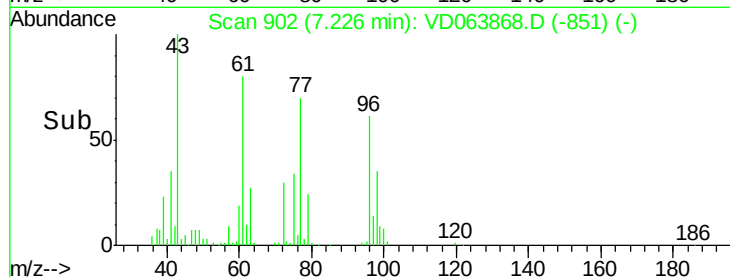
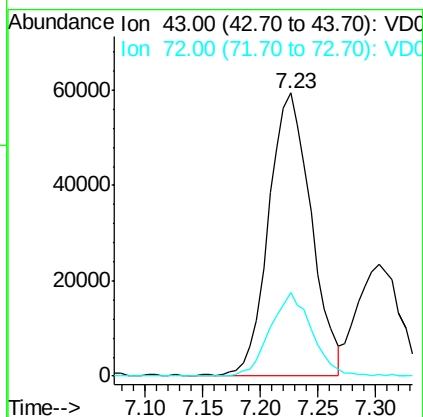
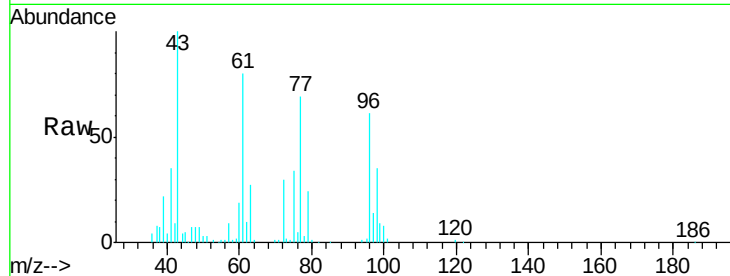
ICVVD100219

Tgt Ion: 43 Resp: 151416

Ion Ratio Lower Upper

43 100

72 29.7 19.2 28.8#



#26

2,2-Dichloropropane

Concen: 46.422 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD063868.D

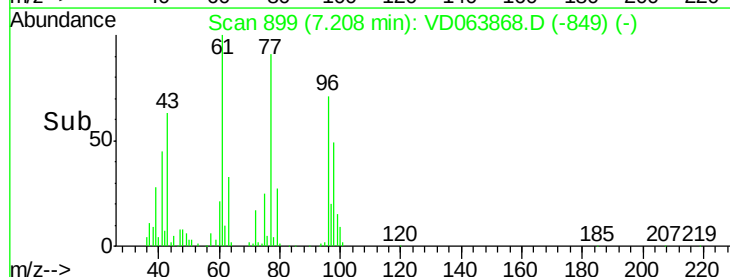
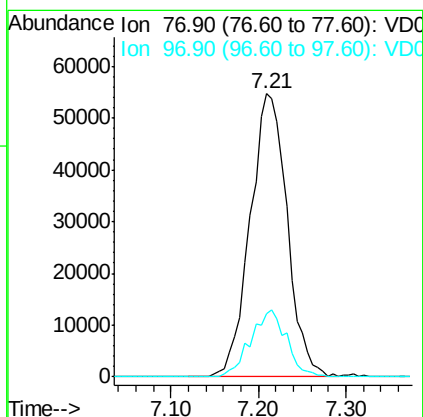
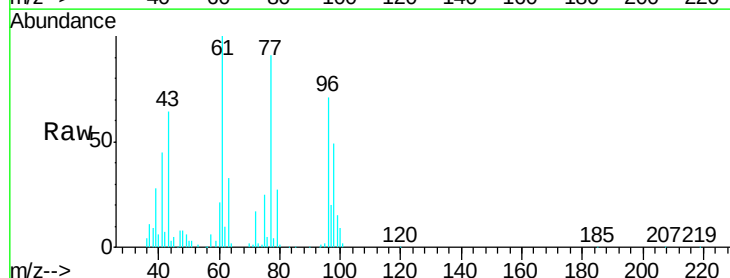
Acq: 02 Oct 2019 19:07

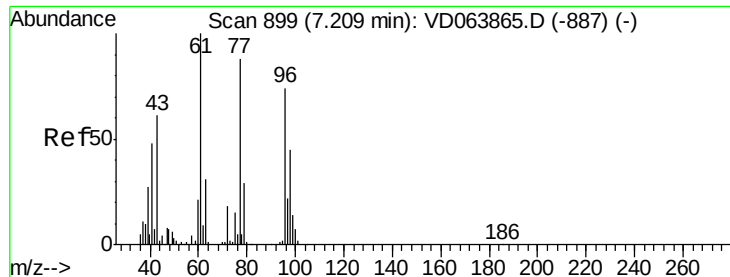
Tgt Ion: 77 Resp: 158844

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1



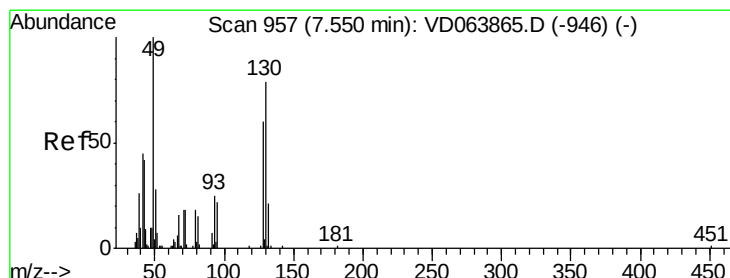
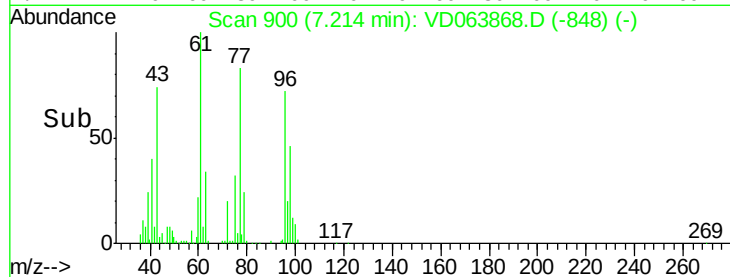
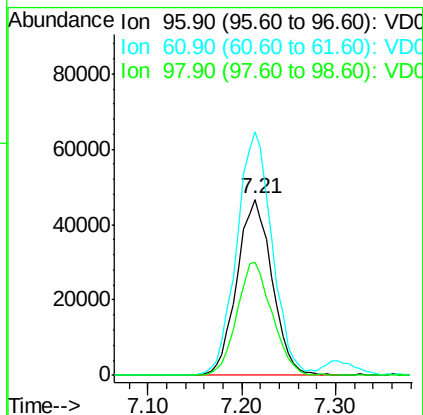
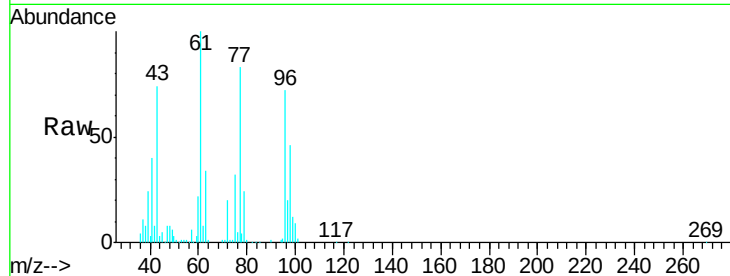


#27

cis-1,2-Dichloroethene
Concen: 47.609 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100219

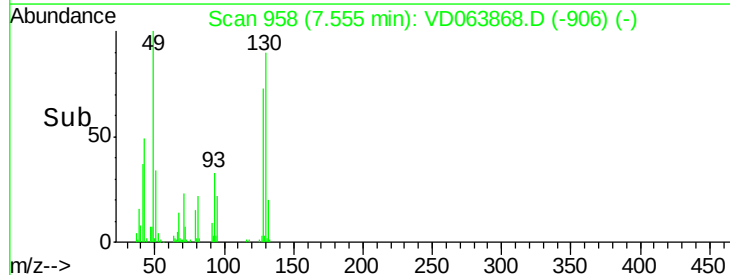
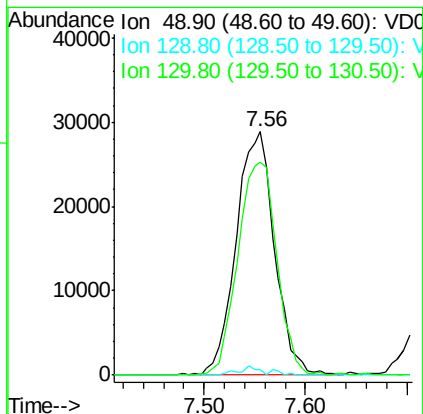
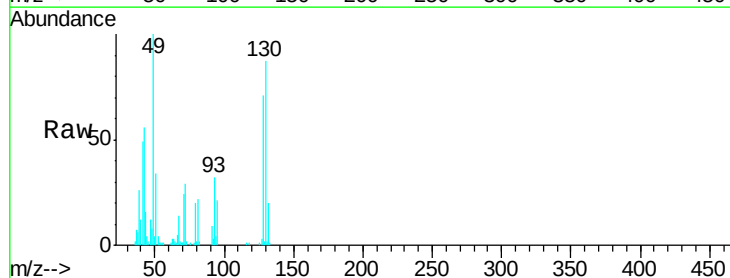
Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.4	0.0	280.0
98	64.3	0.0	130.4

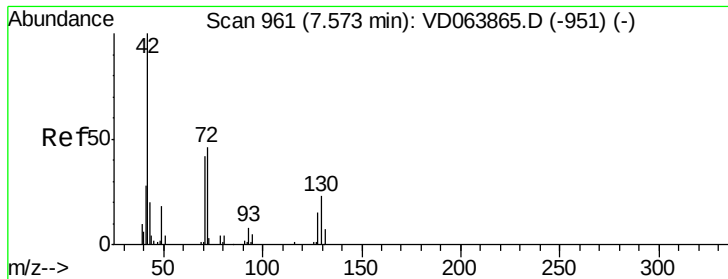


#28

Bromochloromethane
Concen: 52.477 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.01 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	5.6
130	89.0	66.8	100.2

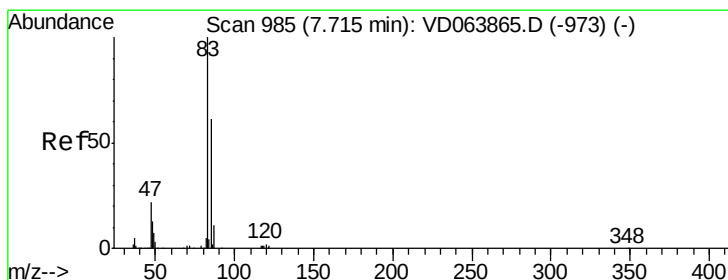
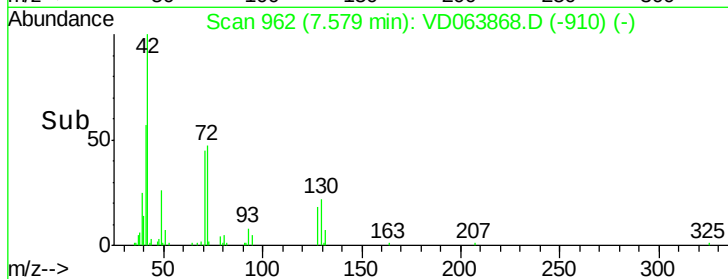
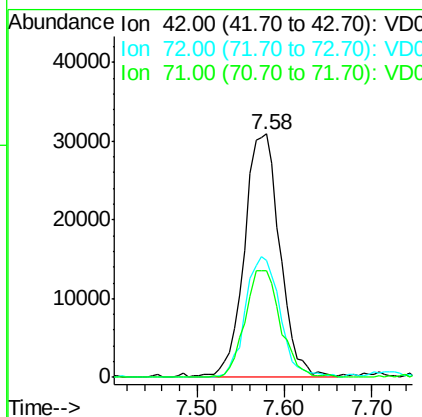
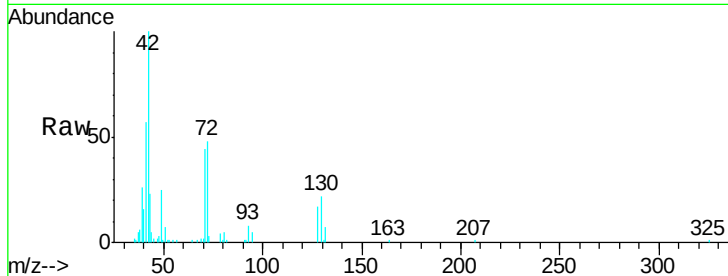




#29
Tetrahydrofuran
Concen: 225.256 ug/l
RT: 7.58 min Scan# 962
Delta R.T. 0.01 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

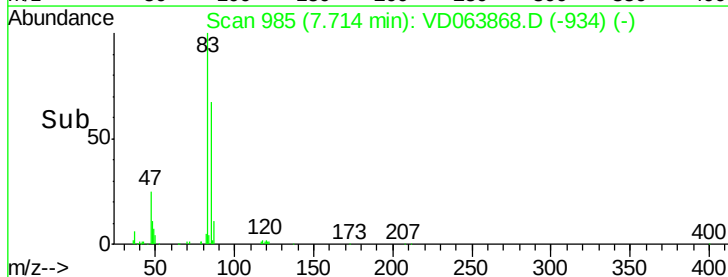
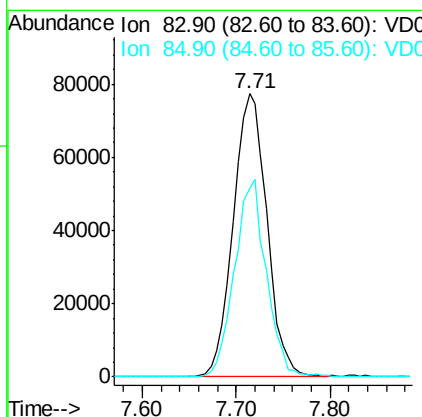
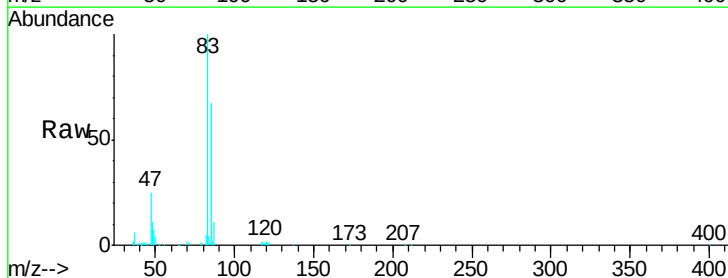
Instrument :
MSVOA_D
ClientSampleId :
ICVVD100219

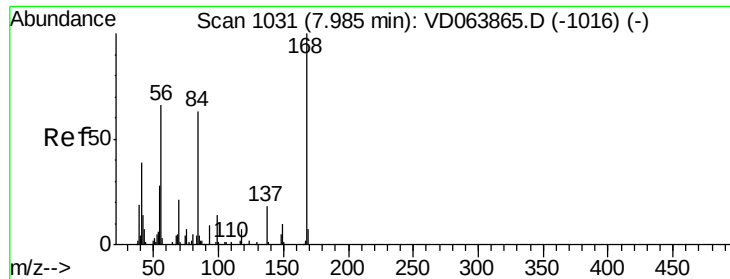
Tgt Ion: 42 Resp: 85231
Ion Ratio Lower Upper
42 100
72 48.3 37.6 56.4
71 43.5 35.0 52.6



#30
Chloroform
Concen: 46.917 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

Tgt Ion: 83 Resp: 192755
Ion Ratio Lower Upper
83 100
85 66.8 48.9 73.3

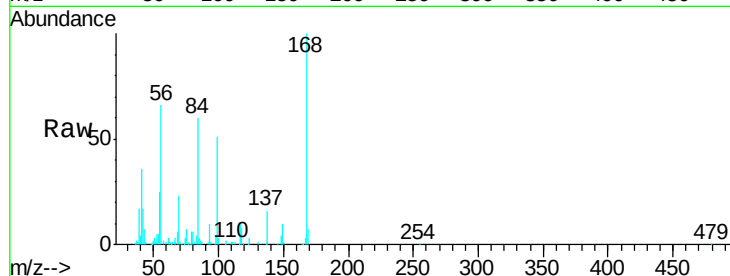




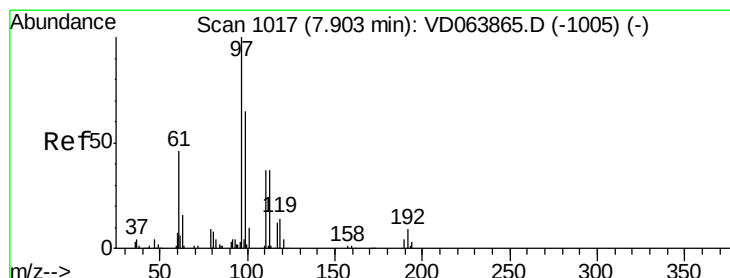
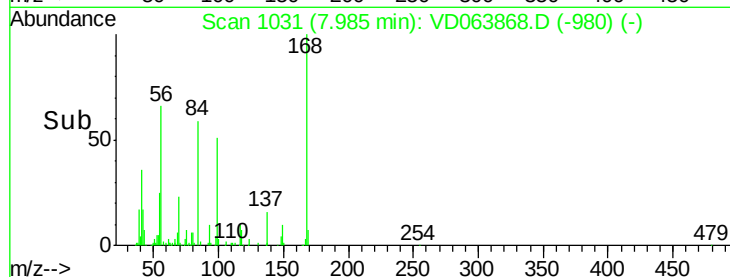
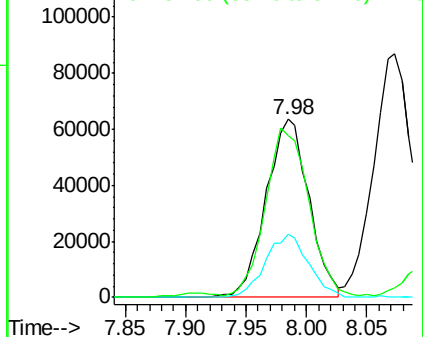
#31
Cyclohexane
Concen: 50.070 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100219

Tgt Ion: 56 Resp: 156572
Ion Ratio Lower Upper
56 100
69 35.2 25.0 37.4
84 88.6 76.3 114.5

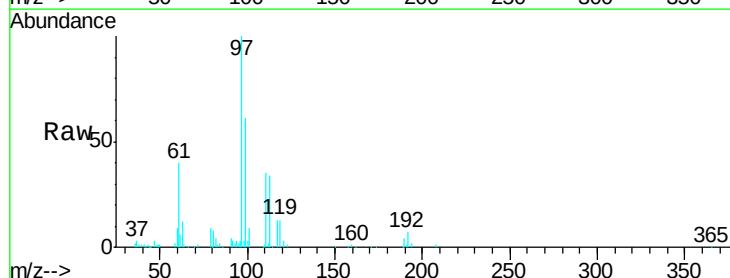


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

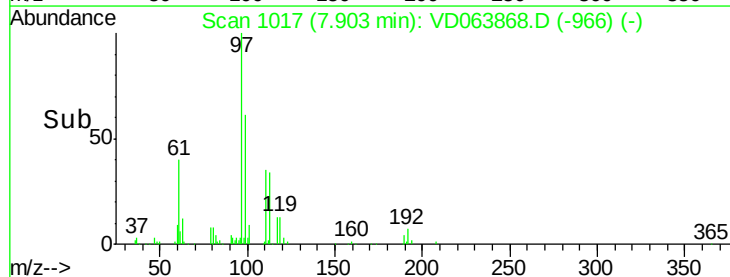
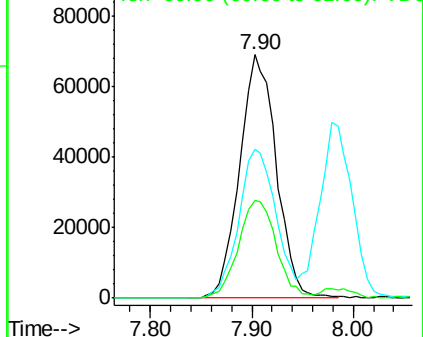


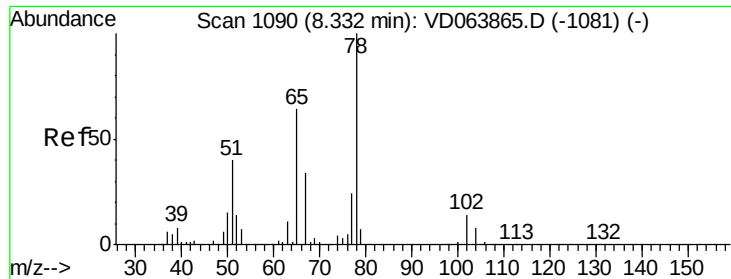
#32
1,1,1-Trichloroethane
Concen: 49.267 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

Tgt Ion: 97 Resp: 173628
Ion Ratio Lower Upper
97 100
99 62.4 52.4 78.6
61 41.5 33.8 50.8



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

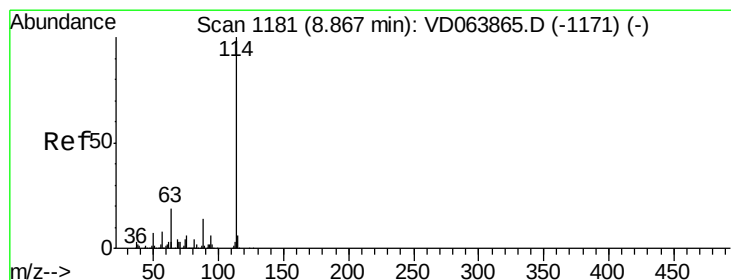
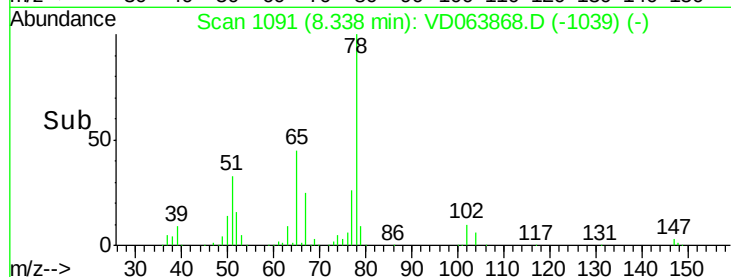
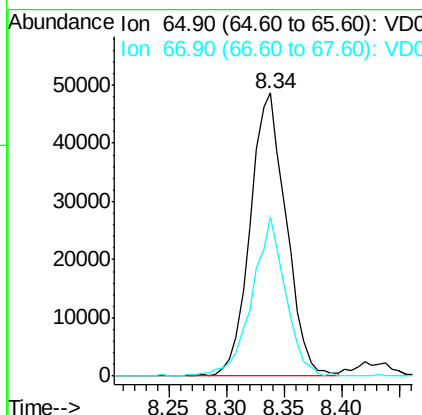
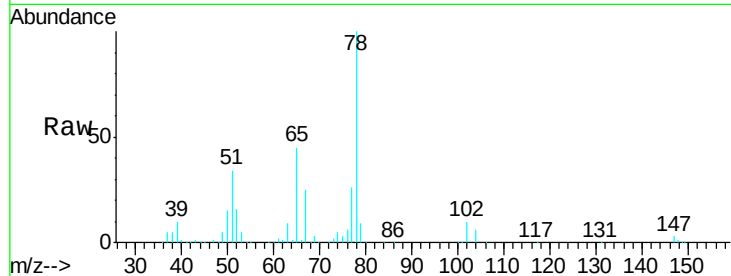




#33
 1,2-Dichloroethane-d4
 Concen: 50.243 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

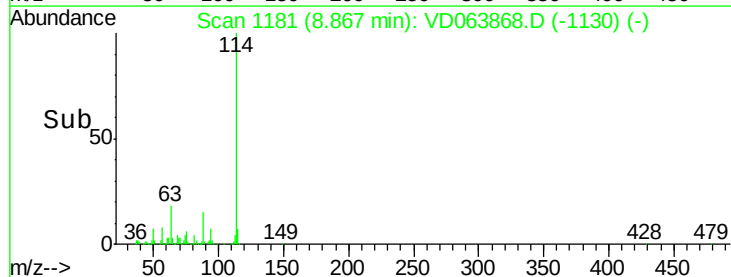
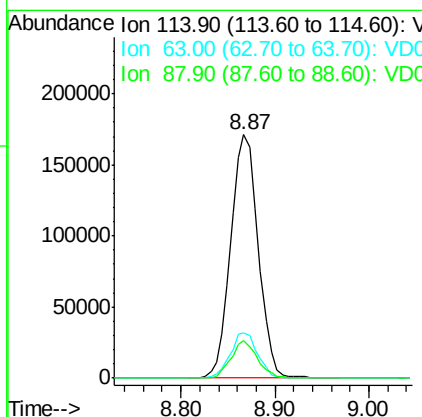
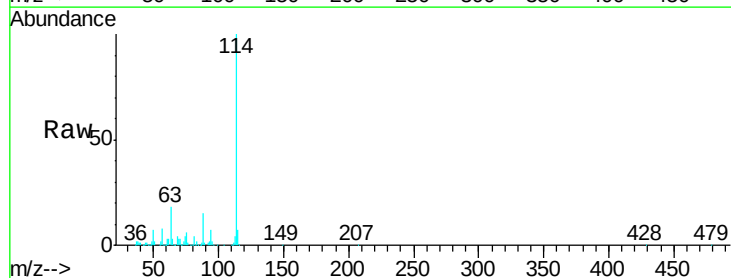
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100219

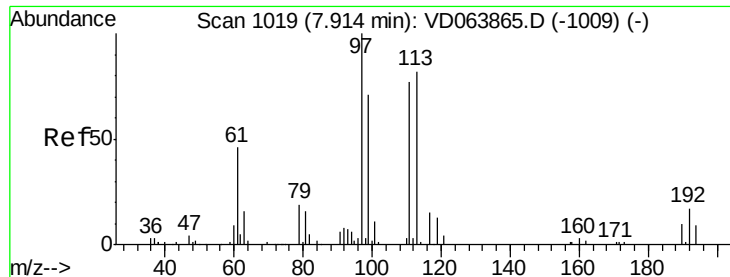
Tgt Ion: 65 Resp: 105560
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

Tgt Ion: 114 Resp: 347762
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.4
 88 15.2 0.0 27.4

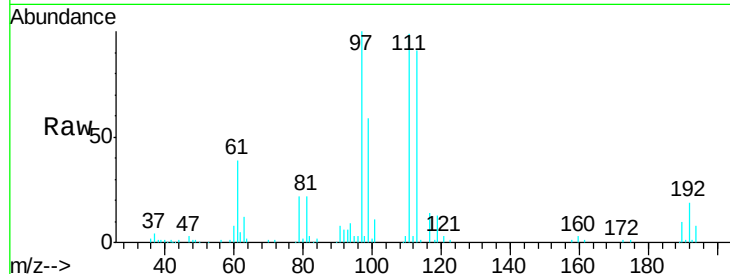




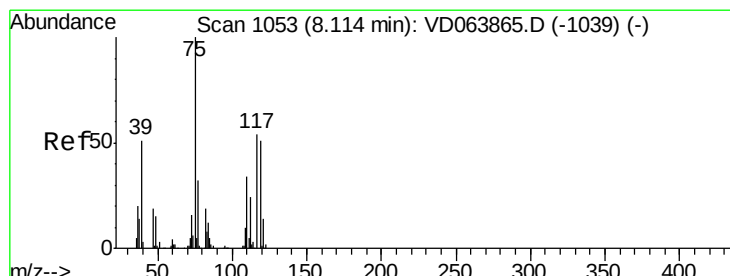
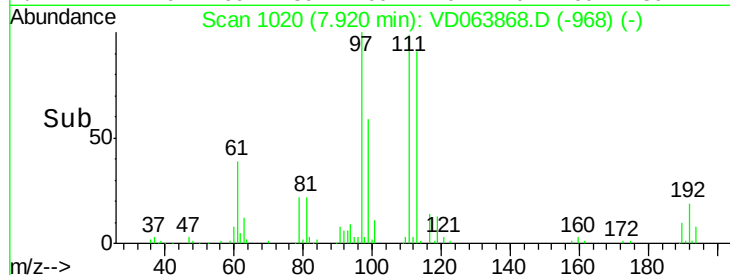
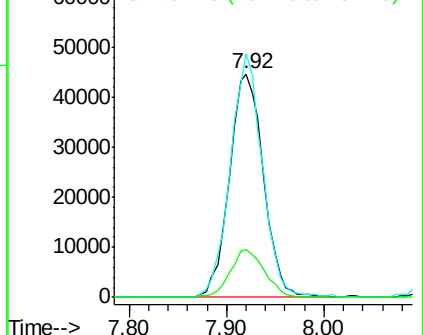
#35
 Dibromofluoromethane
 Concen: 50.926 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100219

Tgt Ion:113 Resp: 108231
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.6 123.8
 192 21.5 17.1 25.7

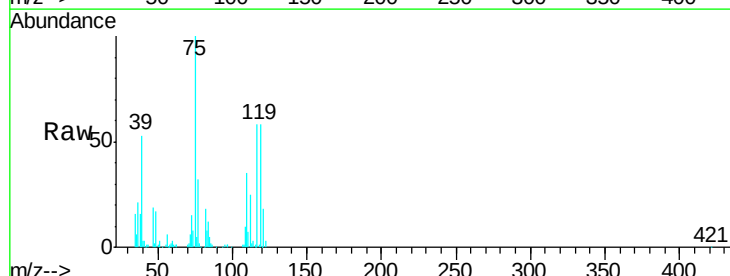


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

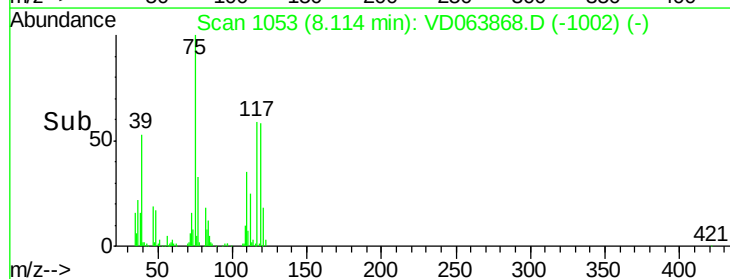
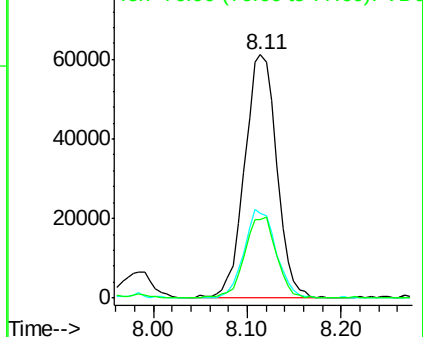


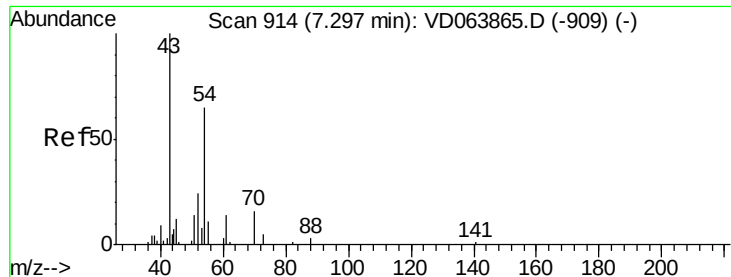
#36
 1,1-Dichloropropene
 Concen: 45.777 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

Tgt Ion: 75 Resp: 145557
 Ion Ratio Lower Upper
 75 100
 110 36.0 17.4 52.3
 77 33.1 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

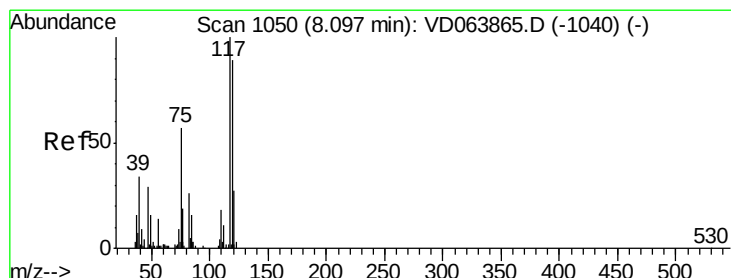
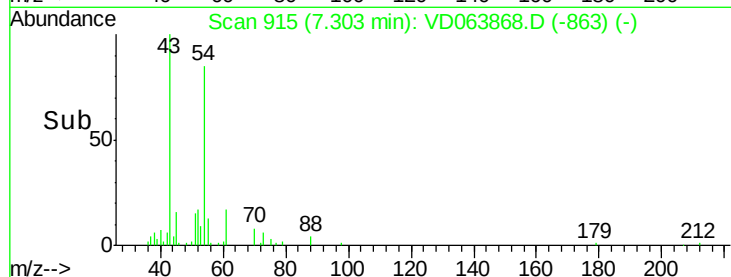
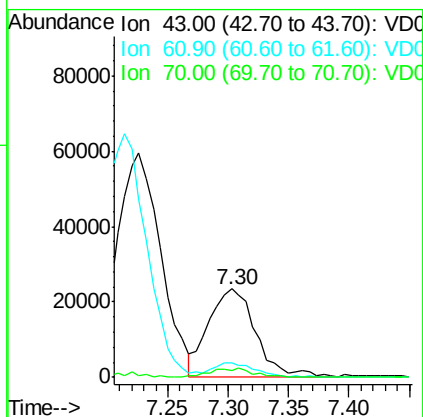
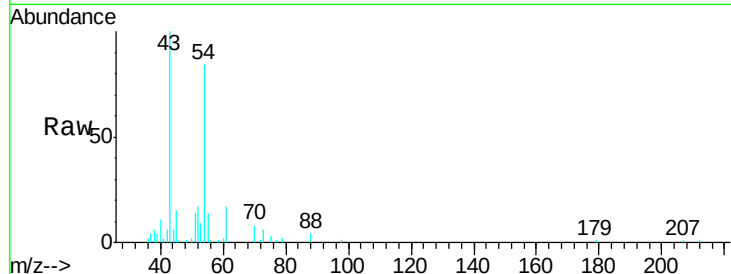




#37
Ethyl Acetate
 Concen: 48.799 ug/l
 RT: 7.30 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

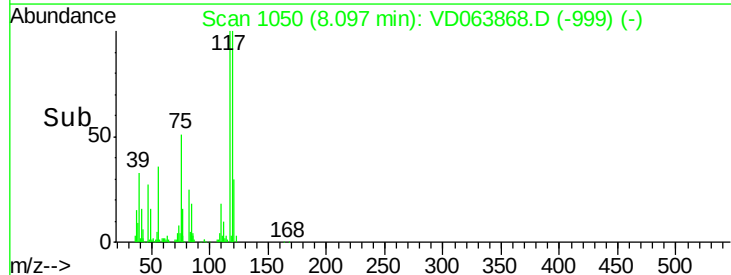
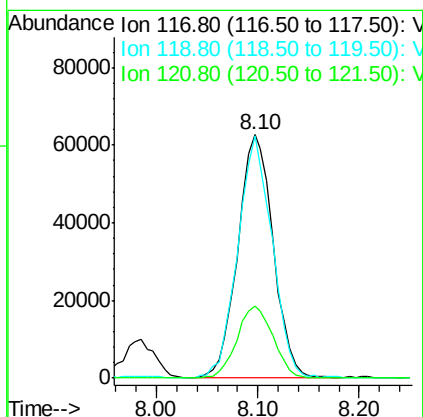
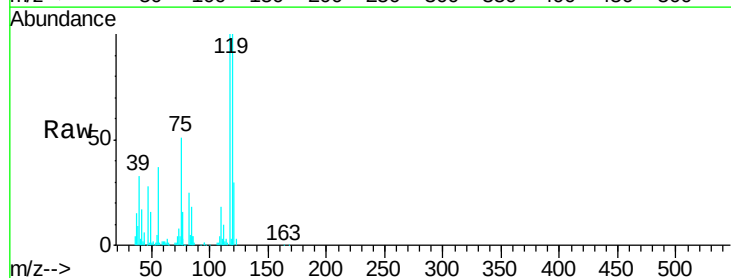
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100219

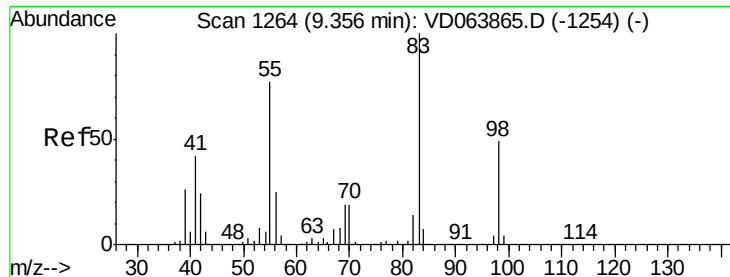
Tgt Ion: 43 Resp: 62341
 Ion Ratio Lower Upper
 43 100
 61 13.4 11.5 17.3
 70 9.6 8.2 12.4



#38
Carbon Tetrachloride
 Concen: 47.489 ug/l
 RT: 8.10 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

Tgt Ion: 117 Resp: 152590
 Ion Ratio Lower Upper
 117 100
 119 99.5 70.8 106.2
 121 29.9 21.4 32.0

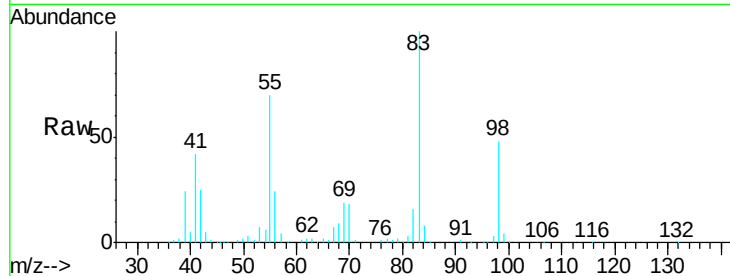




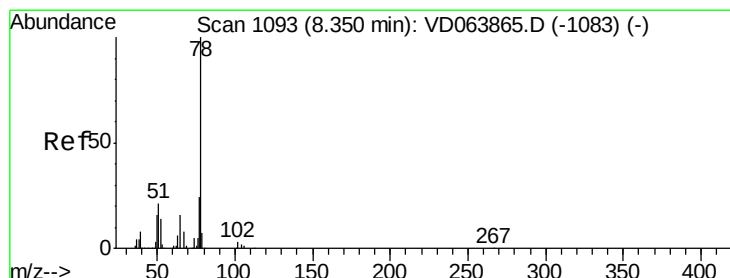
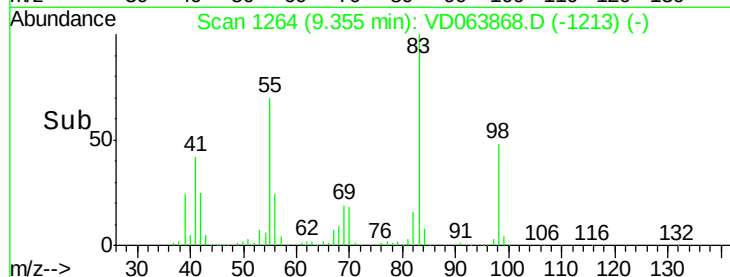
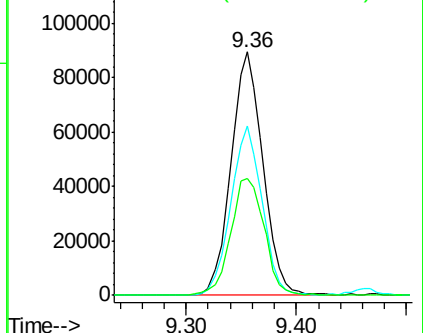
#39
Methylcyclohexane
Concen: 46.402 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100219

Tgt Ion: 83 Resp: 181412
Ion Ratio Lower Upper
83 100
55 69.8 61.3 91.9
98 48.2 39.3 58.9

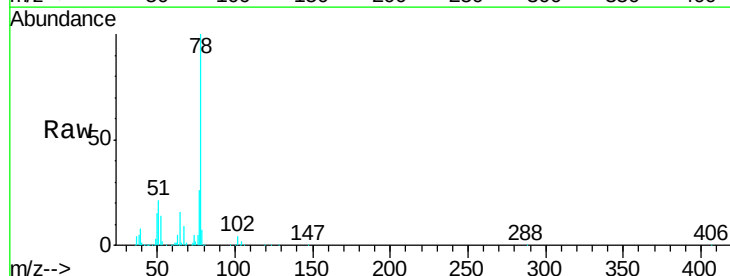


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

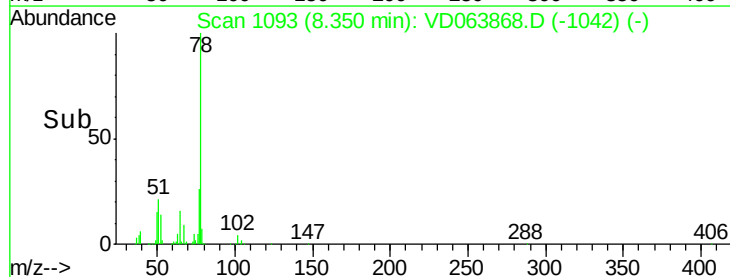
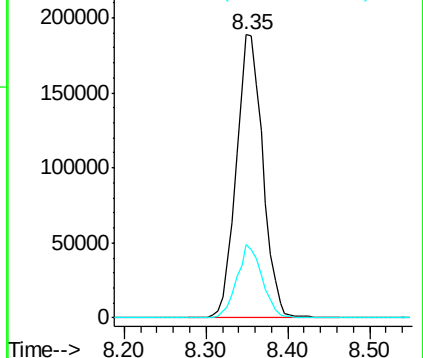


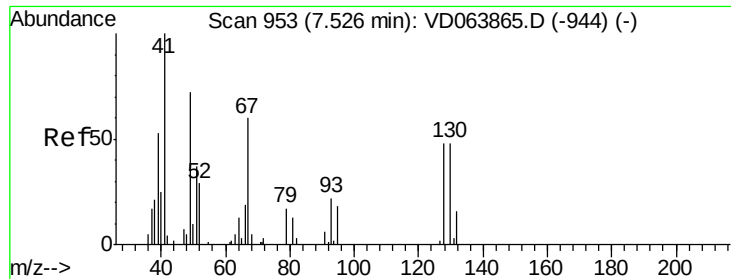
#40
Benzene
Concen: 46.729 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

Tgt Ion: 78 Resp: 425793
Ion Ratio Lower Upper
78 100
77 26.0 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

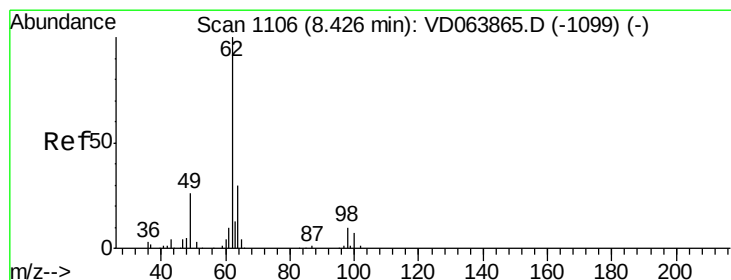
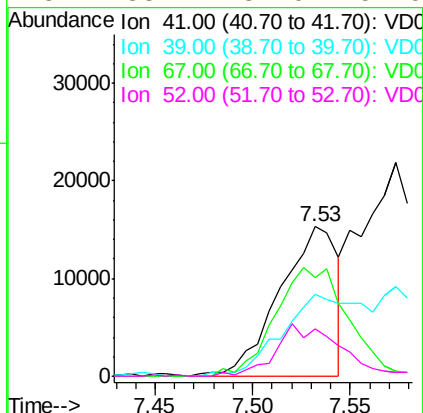
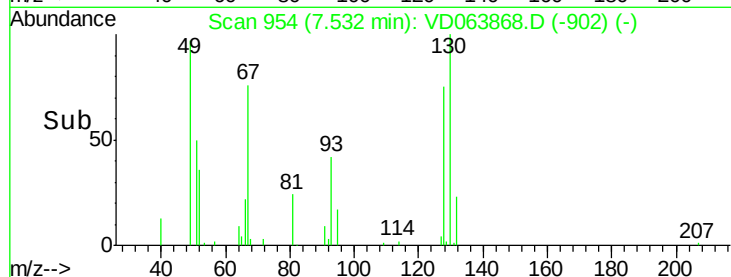
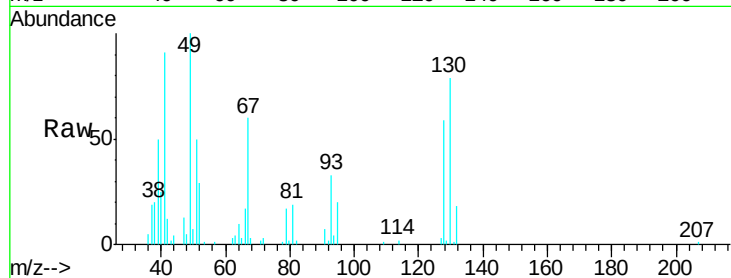




#41
Methacrylonitrile
Concen: 43.013 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

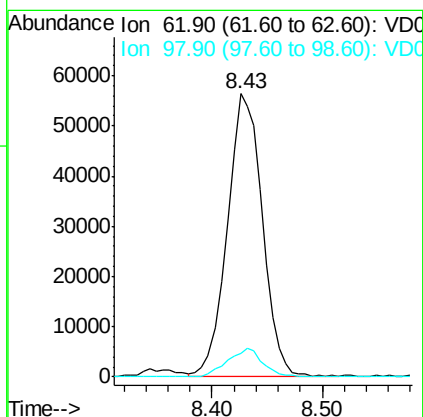
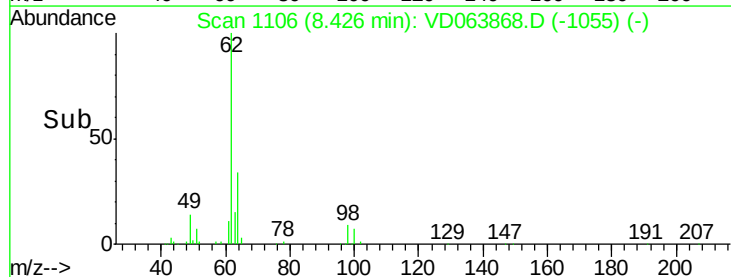
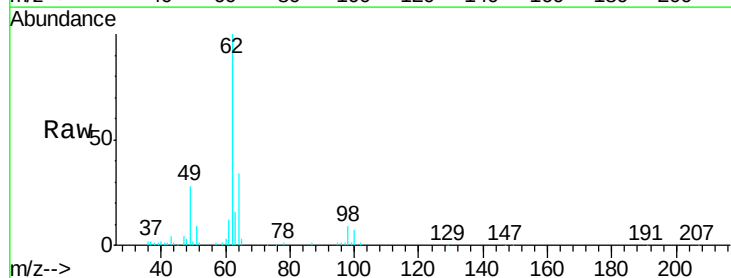
Instrument :
MSVOA_D
ClientSampleId :
ICVVD100219

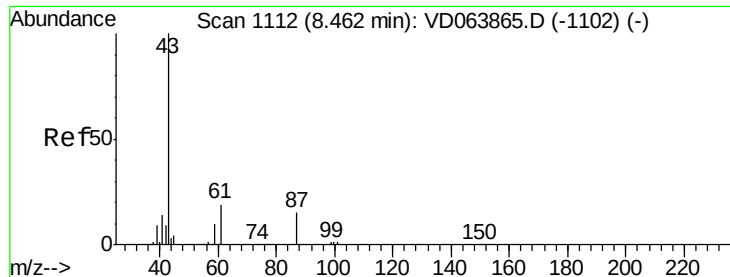
Tgt Ion: 41 Resp: 31709
Ion Ratio Lower Upper
41 100
39 77.6 52.6 78.8
67 90.8 74.2 111.2
52 38.2 34.0 51.0



#42
1,2-Dichloroethane
Concen: 47.666 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

Tgt Ion: 62 Resp: 125638
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.0





#43

Isopropyl Acetate

Concen: 45.443 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100219

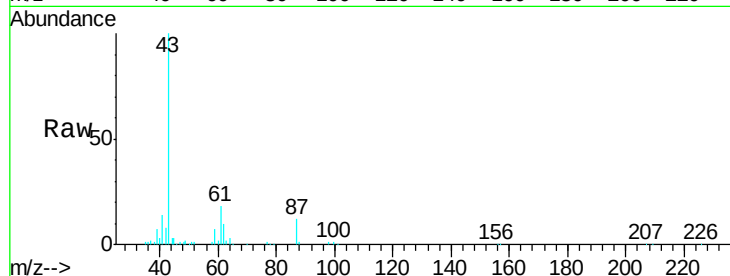
Tgt Ion: 43 Resp: 121178

Ion Ratio Lower Upper

43 100

61 31.0 25.7 38.5

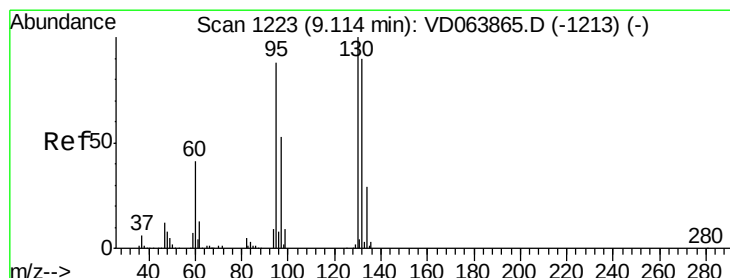
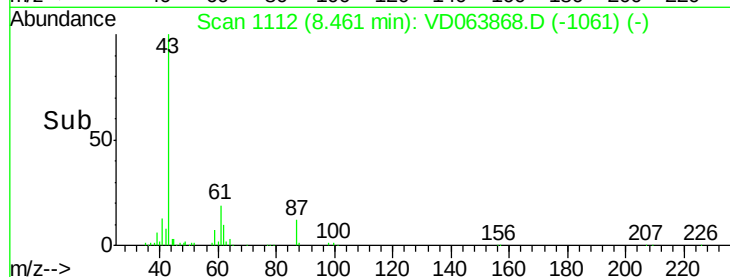
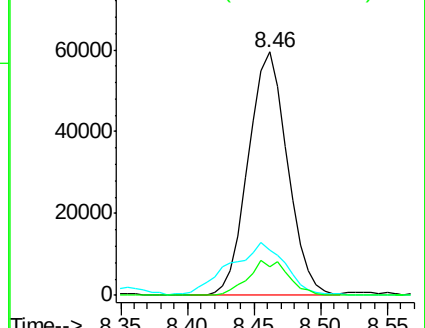
87 14.6 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 48.481 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD063868.D

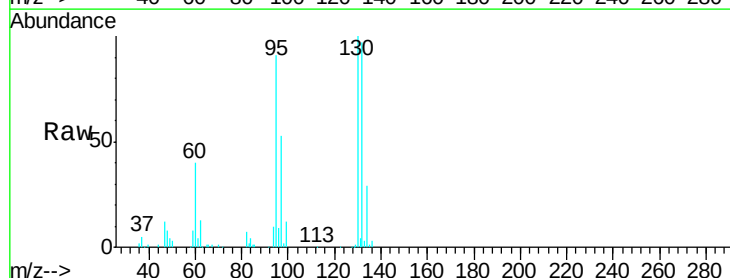
Acq: 02 Oct 2019 19:07

Tgt Ion: 130 Resp: 127386

Ion Ratio Lower Upper

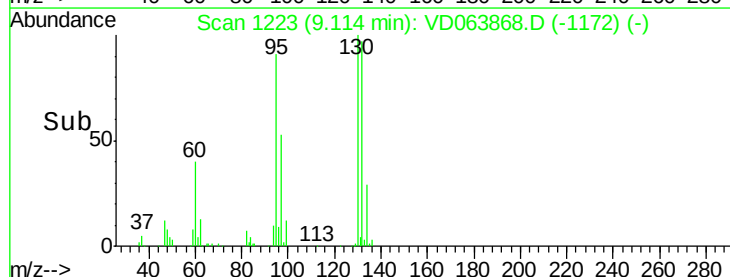
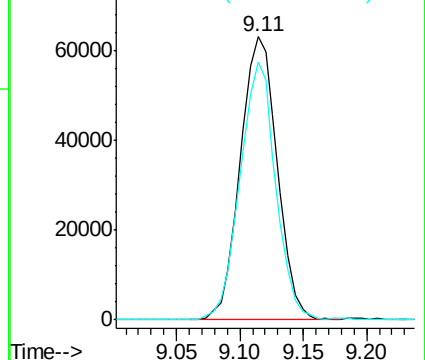
130 100

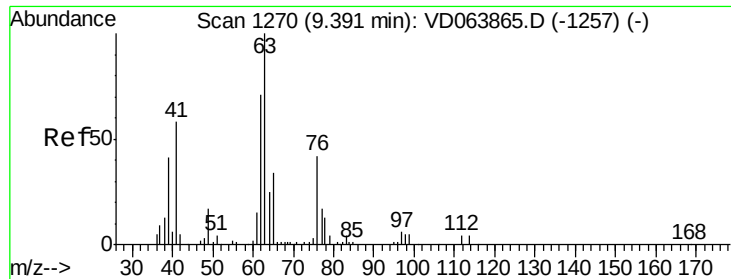
95 91.2 0.0 175.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

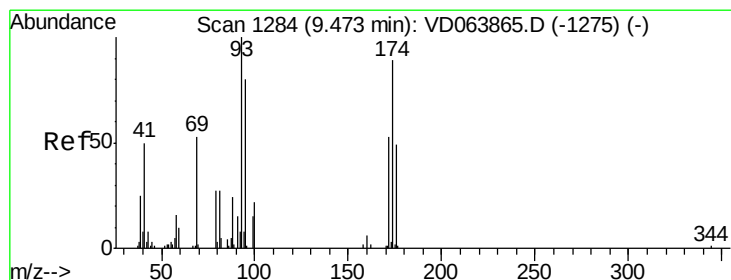
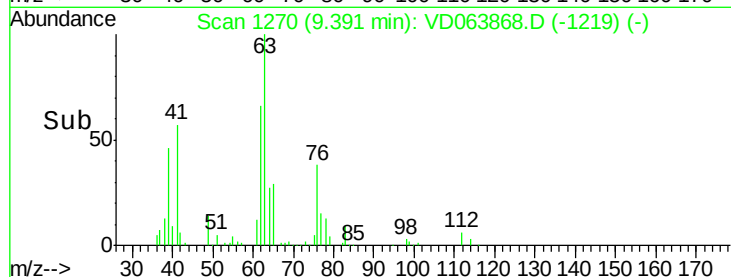
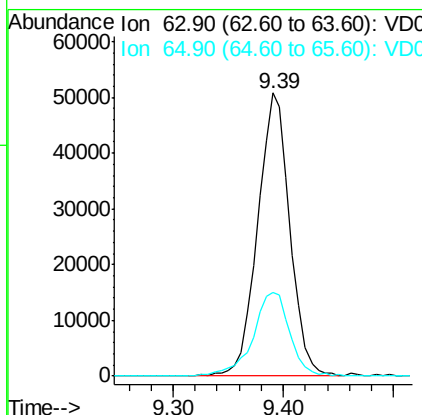
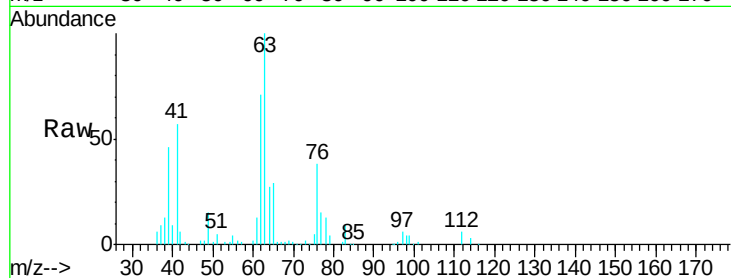




#45
 1,2-Dichloropropane
 Concen: 46.381 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

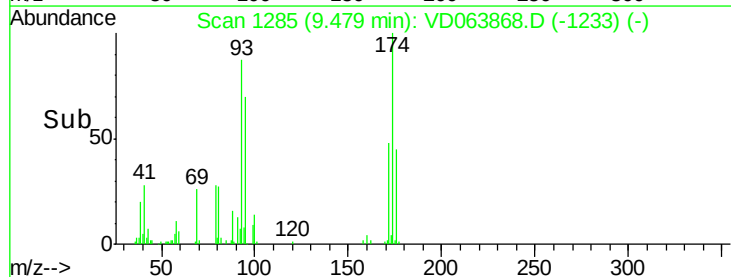
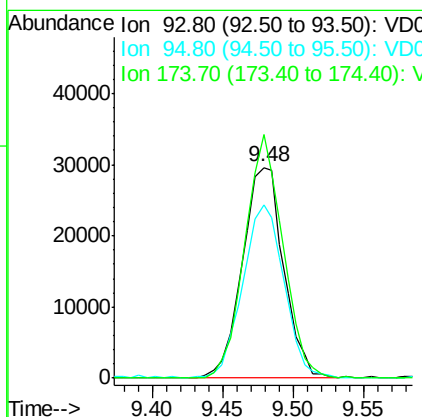
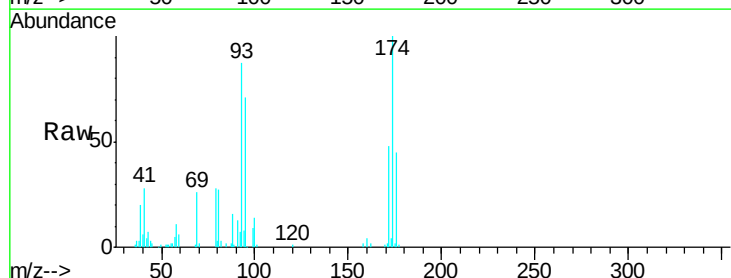
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100219

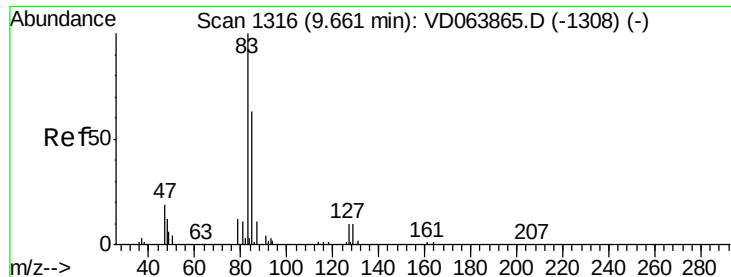
Tgt Ion: 63 Resp: 103444
 Ion Ratio Lower Upper
 63 100
 65 29.4 27.3 40.9



#46
 Dibromomethane
 Concen: 47.863 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

Tgt Ion: 93 Resp: 60795
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.0 99.0
 174 106.7 83.4 125.0





#47

Bromodichloromethane

Concen: 47.611 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100219

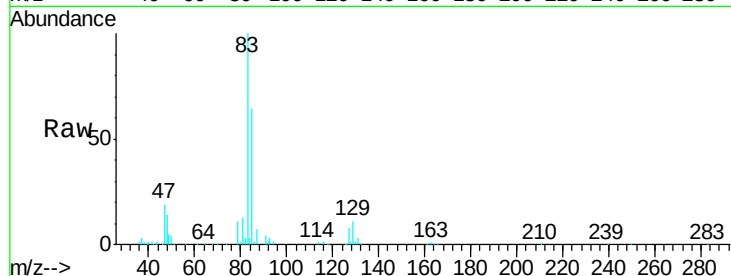
Tgt Ion: 83 Resp: 155701

Ion Ratio Lower Upper

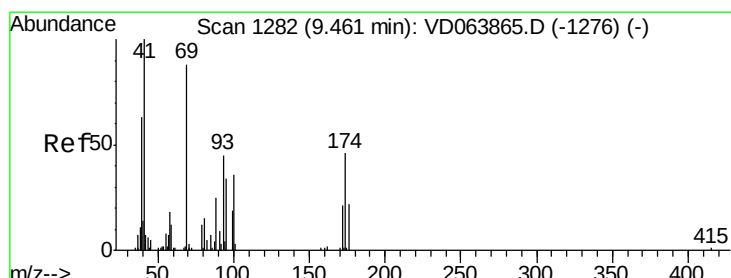
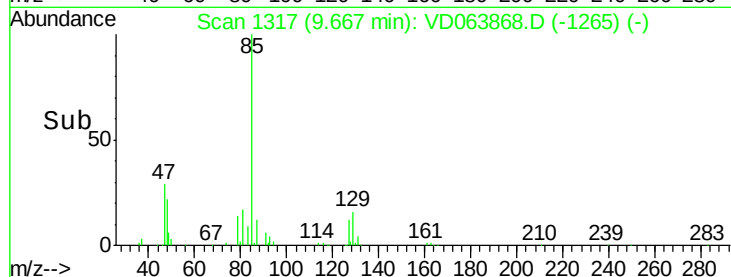
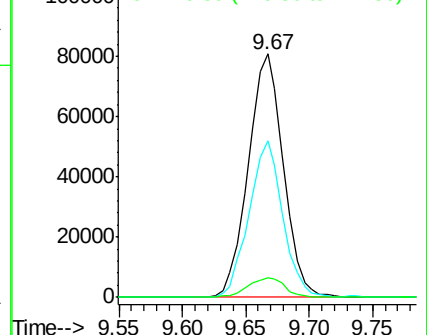
83 100

85 64.4 50.2 75.2

127 7.9 7.6 11.4



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



#48

Methyl methacrylate

Concen: 44.250 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

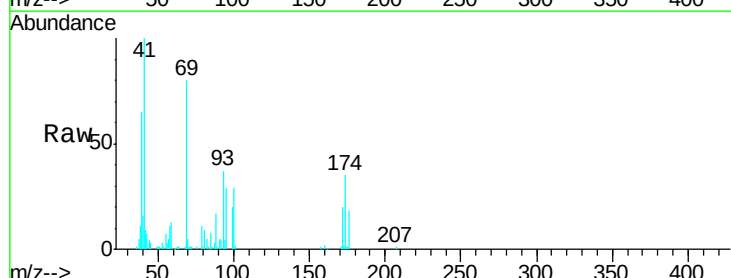
Tgt Ion: 41 Resp: 56536

Ion Ratio Lower Upper

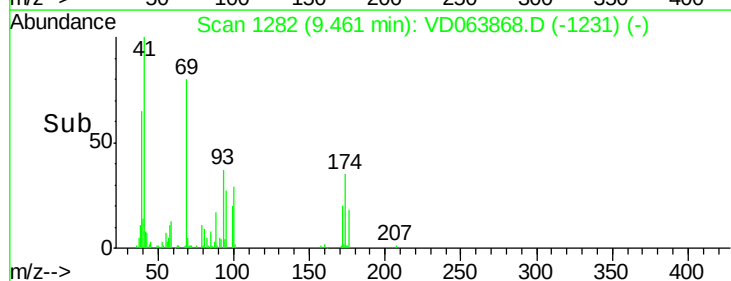
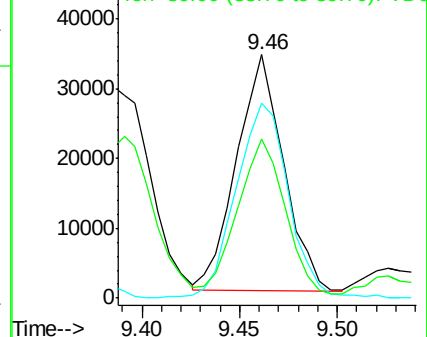
41 100

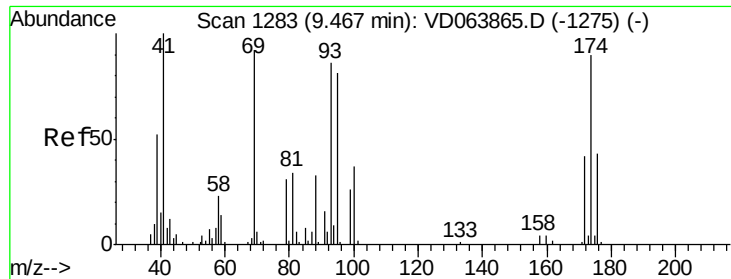
69 92.0 75.1 112.7

39 69.5 50.2 75.2



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

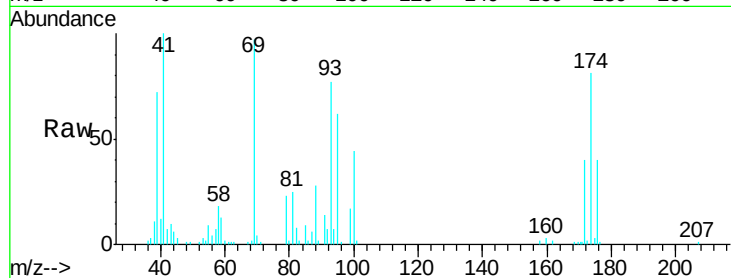




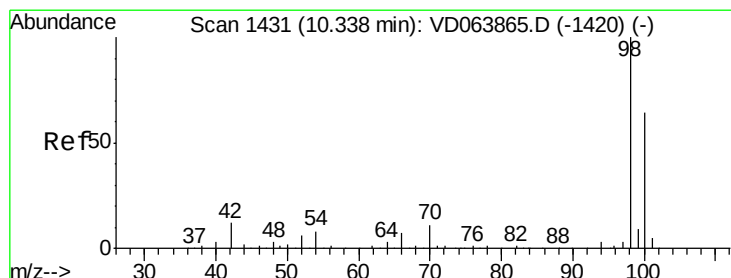
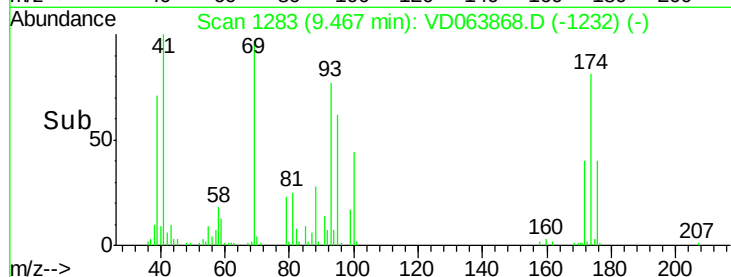
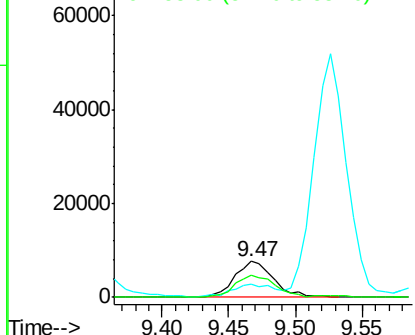
#49
1,4-Dioxane
Concen: 895.263 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100219

Tgt Ion: 88 Resp: 15522
Ion Ratio Lower Upper
88 100
43 40.1 27.6 41.4
58 63.2 54.1 81.1

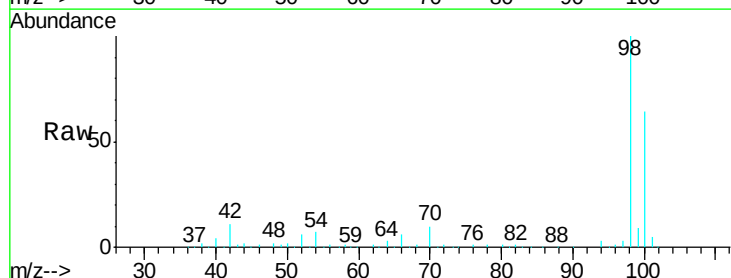


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

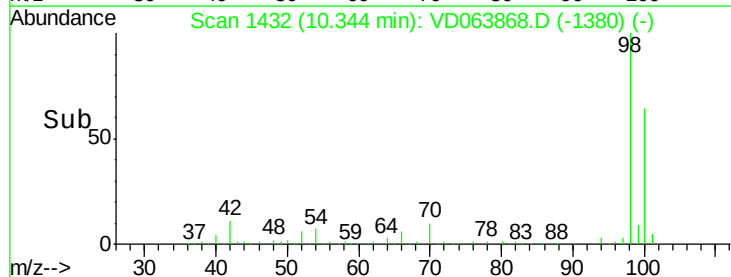
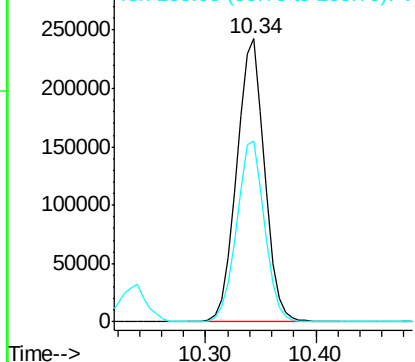


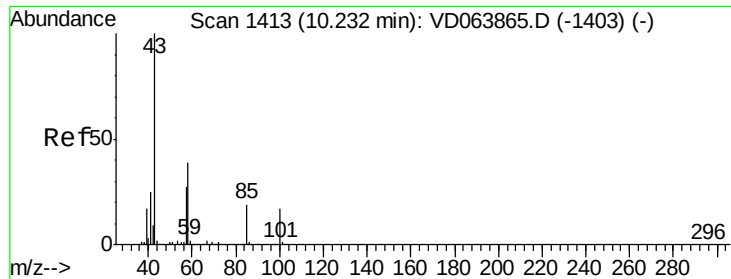
#50
Toluene-d8
Concen: 49.933 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

Tgt Ion: 98 Resp: 430728
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

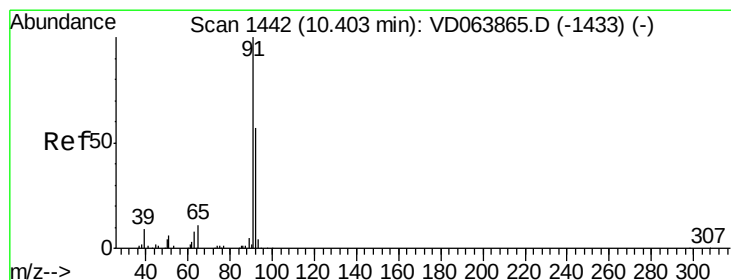
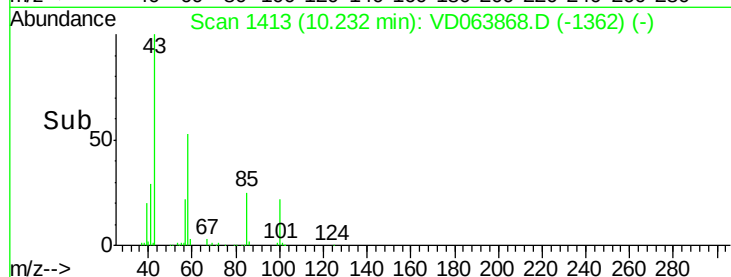
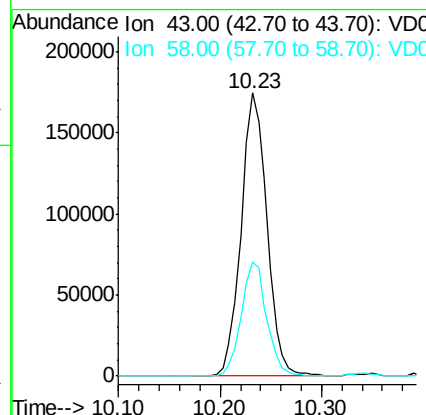
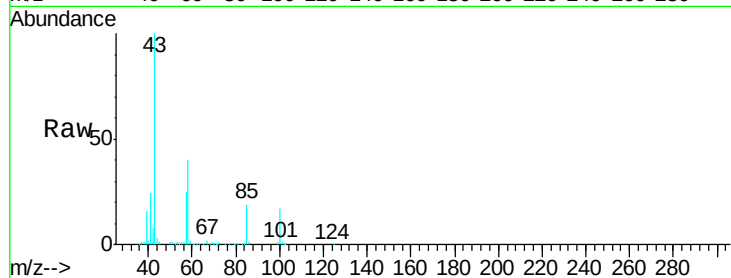




#51
 4-Methyl-2-Pentanone
 Concen: 224.427 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

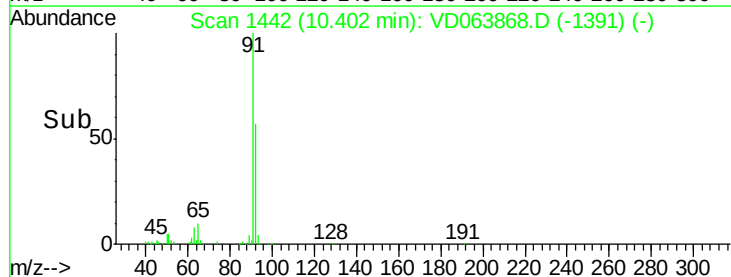
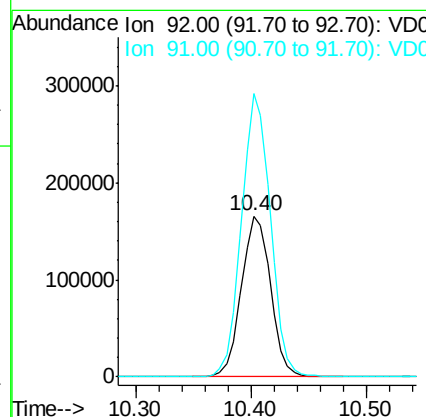
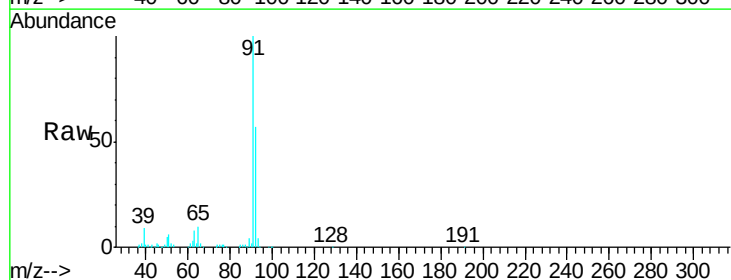
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100219

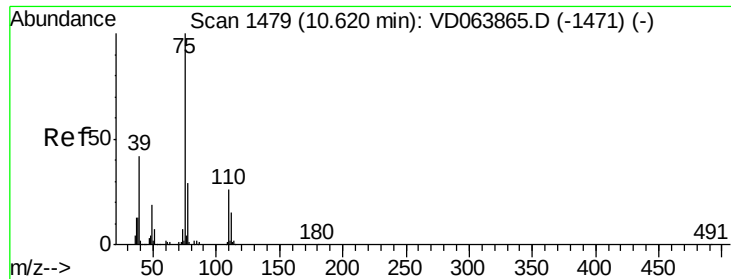
Tgt Ion: 43 Resp: 310371
 Ion Ratio Lower Upper
 43 100
 58 39.7 33.0 49.4



#52
 Toluene
 Concen: 46.477 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

Tgt Ion: 92 Resp: 290723
 Ion Ratio Lower Upper
 92 100
 91 175.0 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 47.590 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

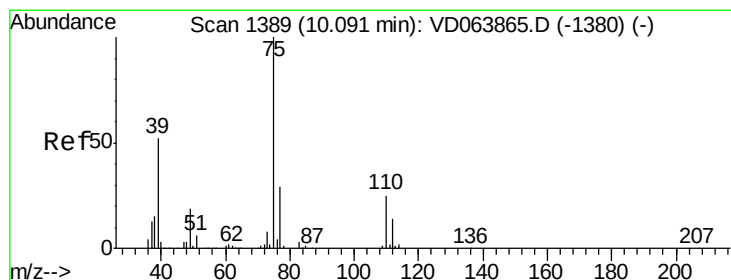
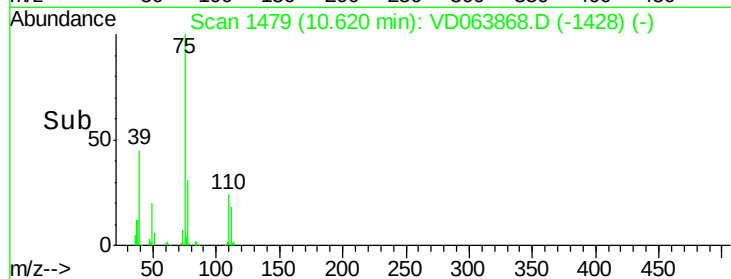
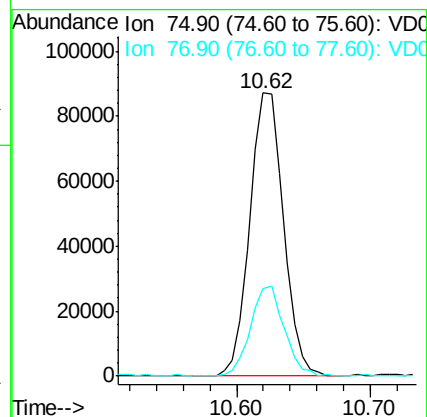
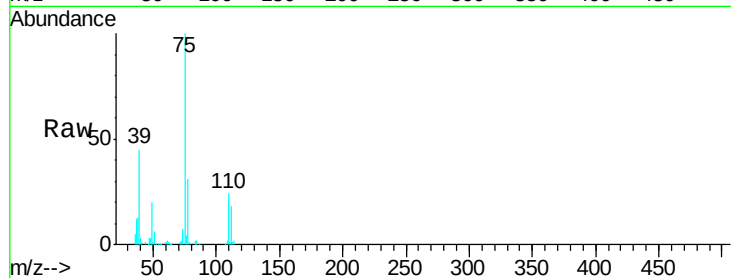
ICVVD100219

Tgt Ion: 75 Resp: 151869

Ion Ratio Lower Upper

75 100

77 30.6 22.8 34.2



#54

cis-1,3-Dichloropropene

Concen: 47.440 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

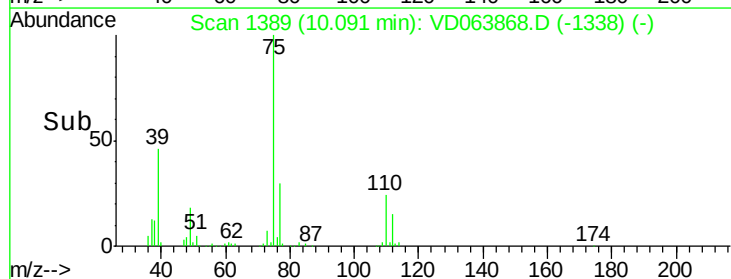
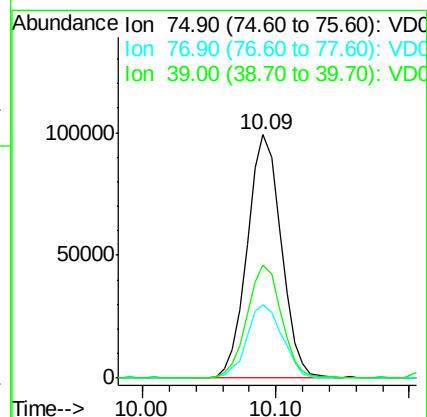
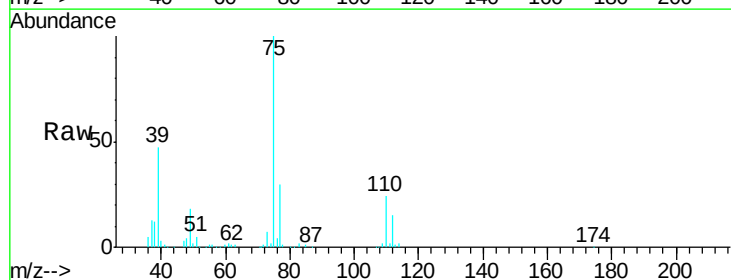
Tgt Ion: 75 Resp: 174263

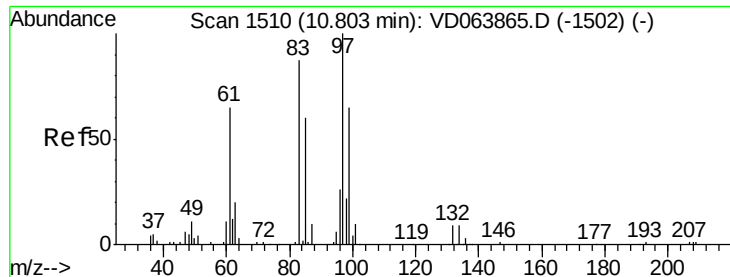
Ion Ratio Lower Upper

75 100

77 30.1 23.2 34.8

39 46.4 41.5 62.3





#55

1,1,2-Trichloroethane

Concen: 47.104 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100219

Tgt Ion: 97 Resp: 84479

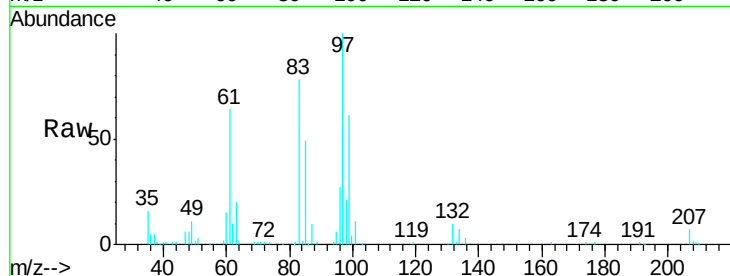
Ion Ratio Lower Upper

97 100

83 78.5 69.7 104.5

85 49.2 48.1 72.1

99 60.5 51.9 77.9

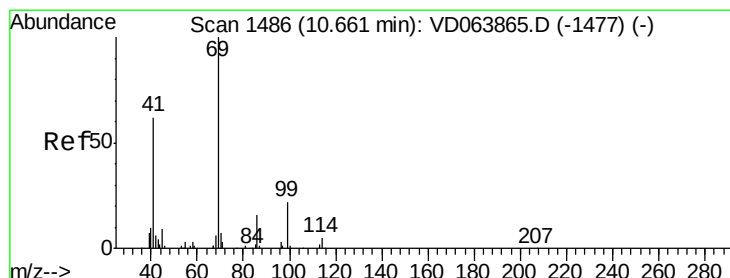
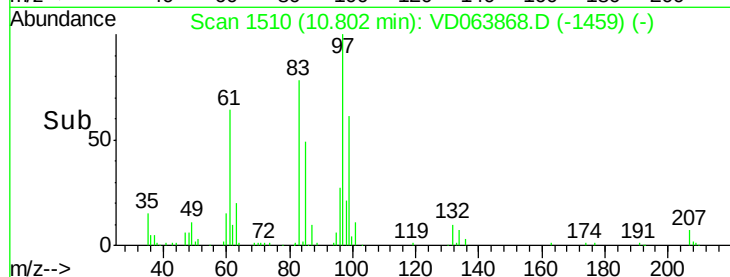
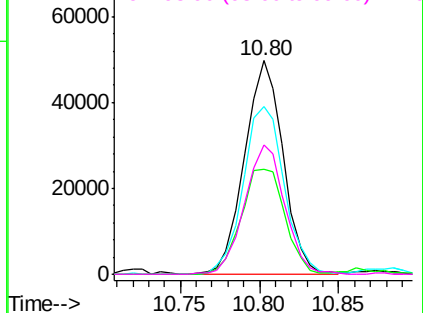


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 45.543 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

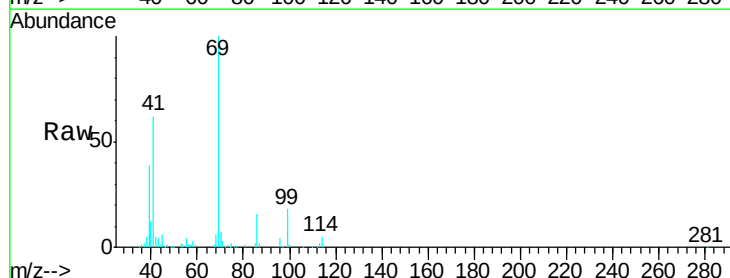
Tgt Ion: 69 Resp: 103435

Ion Ratio Lower Upper

69 100

41 63.8 51.3 76.9

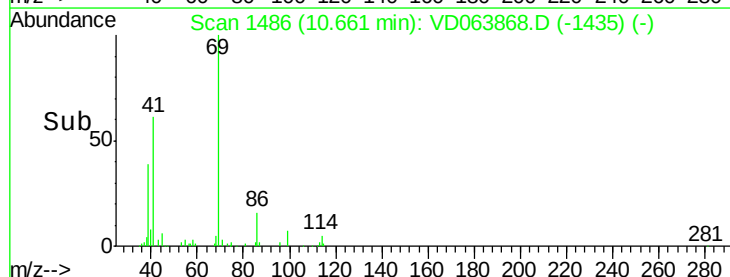
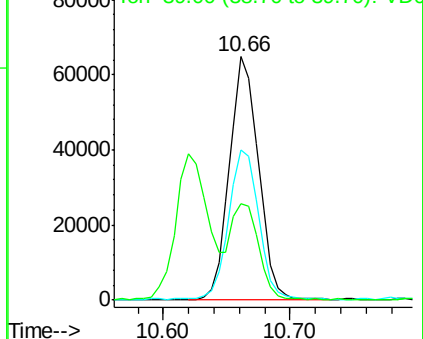
39 40.0 28.0 42.0

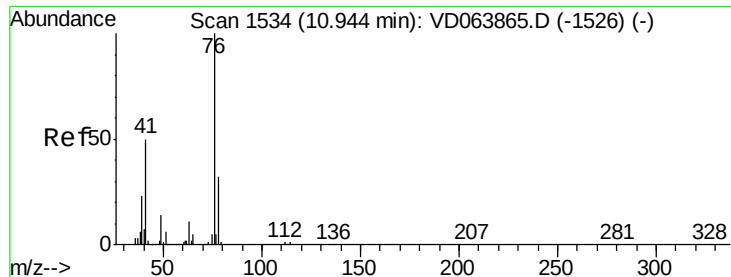


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

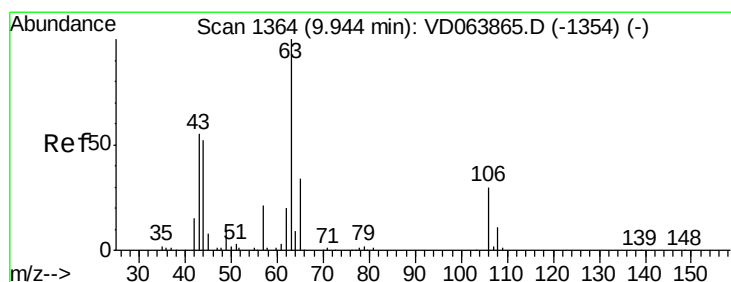
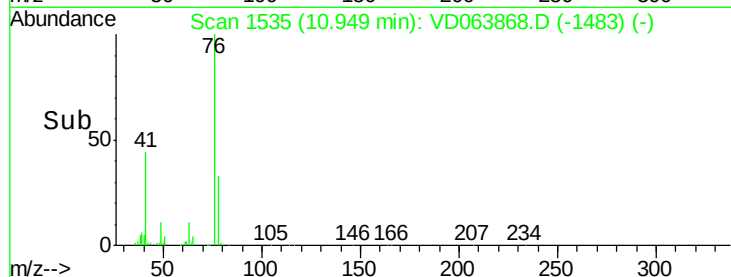
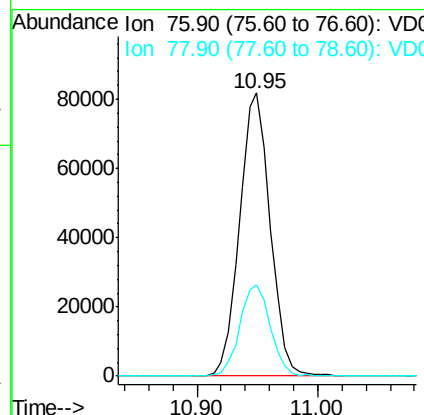
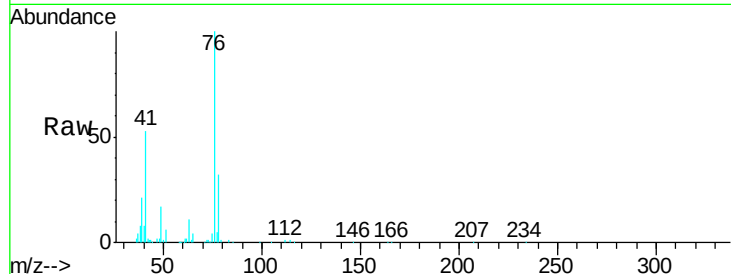




#57
 1,3-Dichloropropane
 Concen: 47.057 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

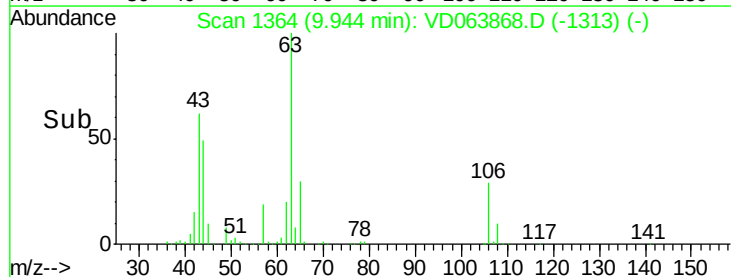
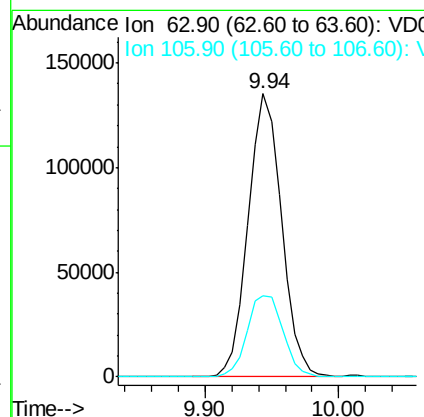
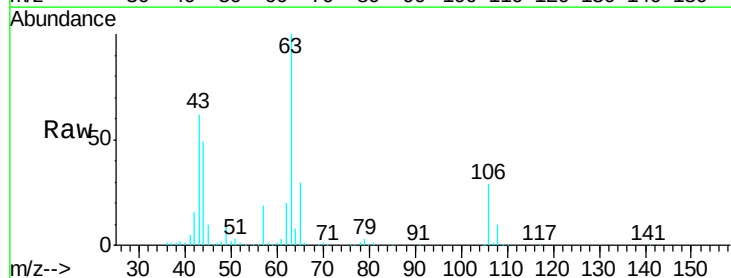
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100219

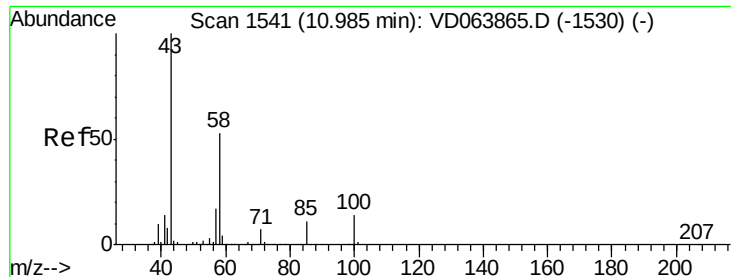
Tgt Ion: 76 Resp: 144395
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.607 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

Tgt Ion: 63 Resp: 233910
 Ion Ratio Lower Upper
 63 100
 106 30.9 24.3 36.5

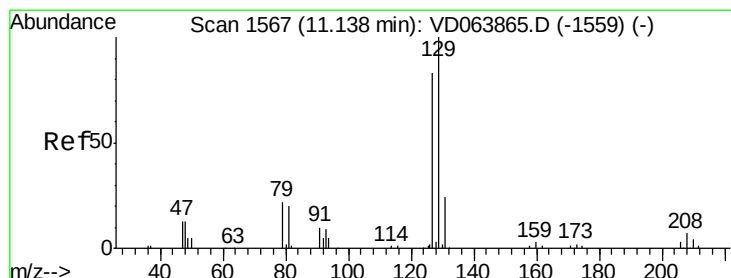
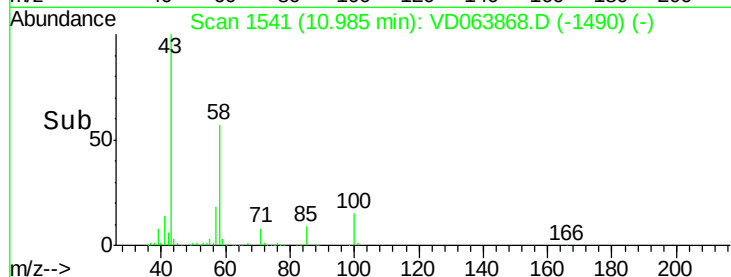
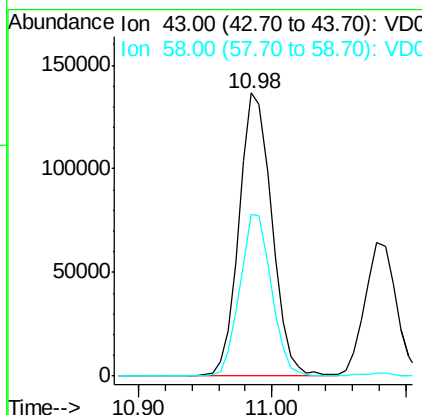
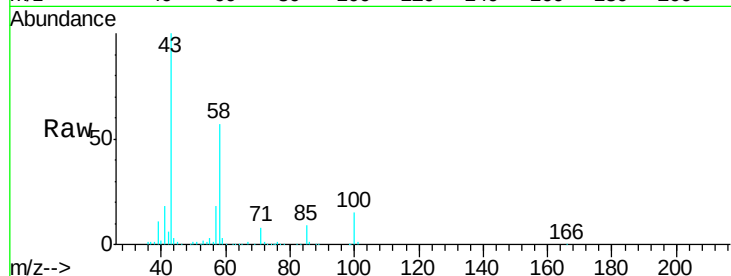




#59
2-Hexanone
Concen: 232.916 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

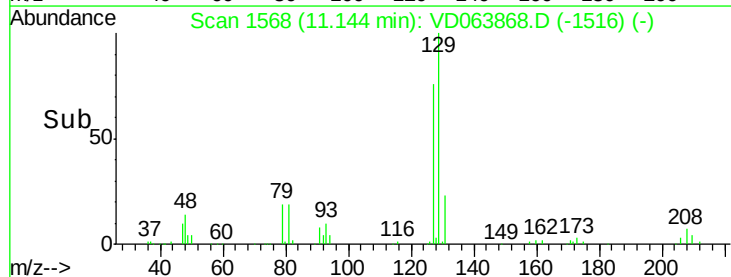
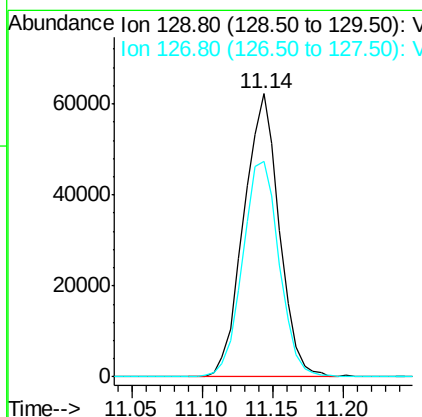
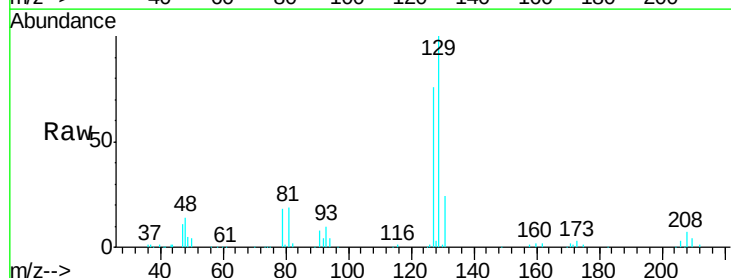
Instrument :
MSVOA_D
ClientSampleId :
ICVVD100219

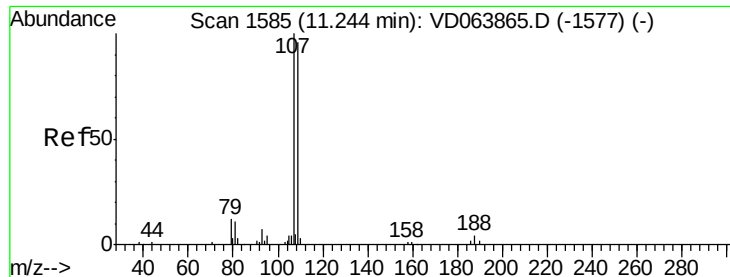
Tgt Ion: 43 Resp: 233006
Ion Ratio Lower Upper
43 100
58 54.7 27.7 83.0



#60
Dibromochloromethane
Concen: 46.895 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

Tgt Ion: 129 Resp: 109495
Ion Ratio Lower Upper
129 100
127 78.8 39.9 119.6





#61

1,2-Dibromoethane

Concen: 48.148 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

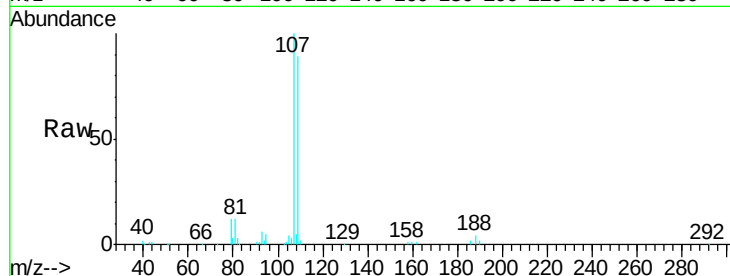
ICVVD100219

Tgt Ion: 107 Resp: 83713

Ion Ratio Lower Upper

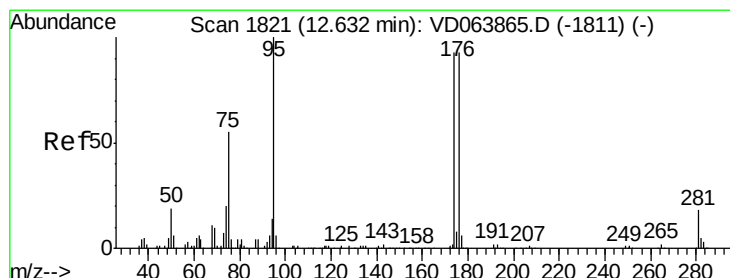
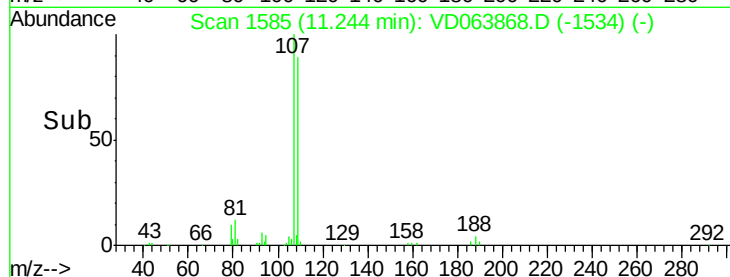
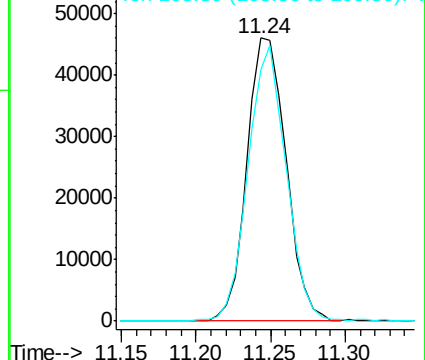
107 100

109 94.6 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.722 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

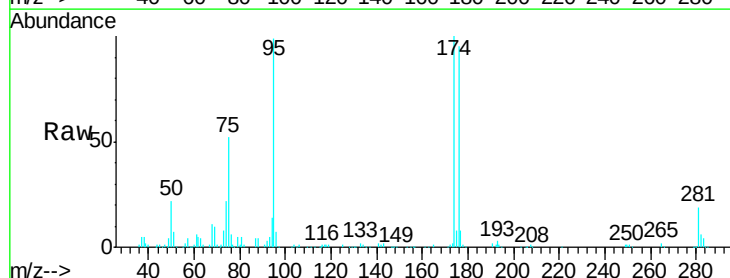
Tgt Ion: 95 Resp: 146049

Ion Ratio Lower Upper

95 100

174 97.9 0.0 186.4

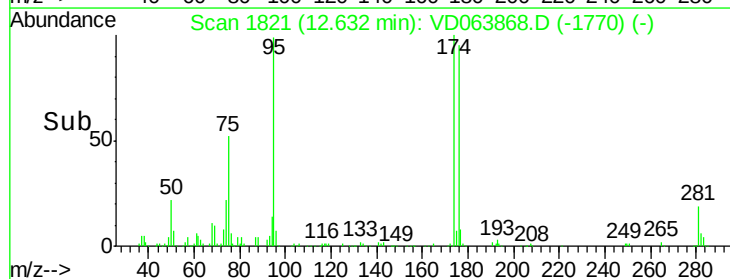
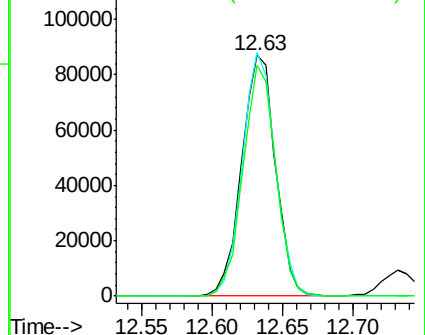
176 93.2 0.0 184.2

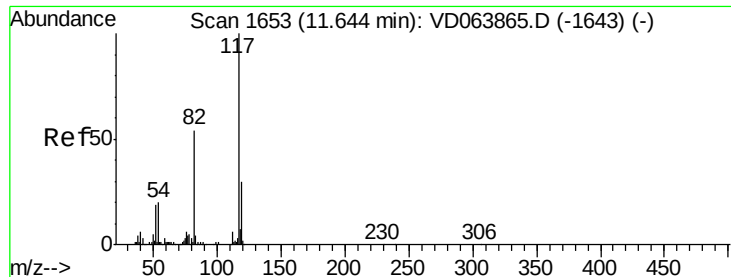


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100219

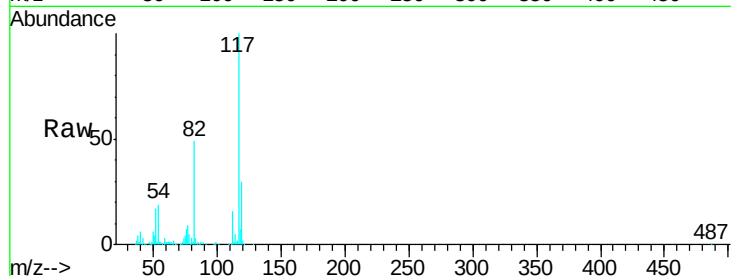
Tgt Ion:117 Resp: 342798

Ion Ratio Lower Upper

117 100

82 48.8 42.8 64.2

119 29.7 24.4 36.6

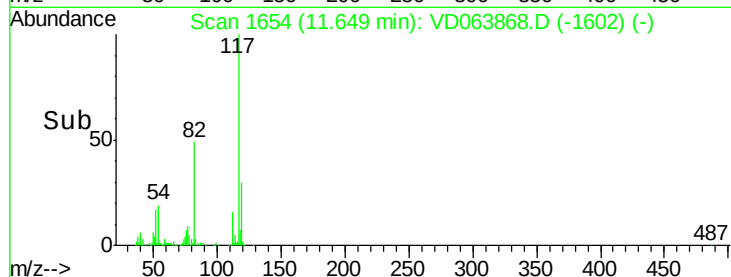


Abundance Ion 116.90 (116.60 to 117.60): V

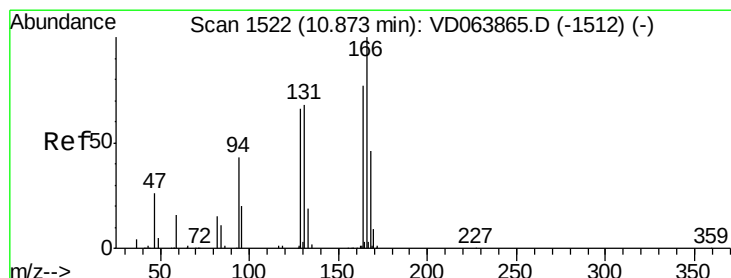
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

Time-->



Time-->



#64

Tetrachloroethene

Concen: 48.538 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Tgt Ion:164 Resp: 113589

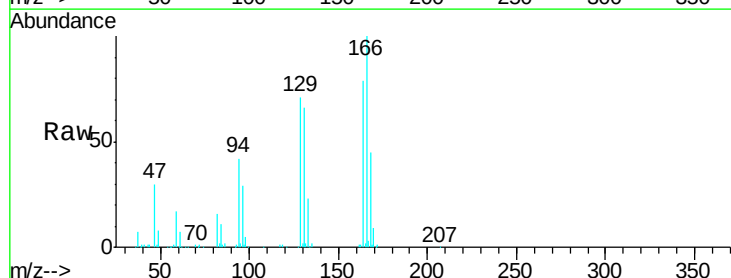
Ion Ratio Lower Upper

164 100

166 126.7 103.8 155.6

129 90.4 68.9 103.3

131 83.5 70.9 106.3



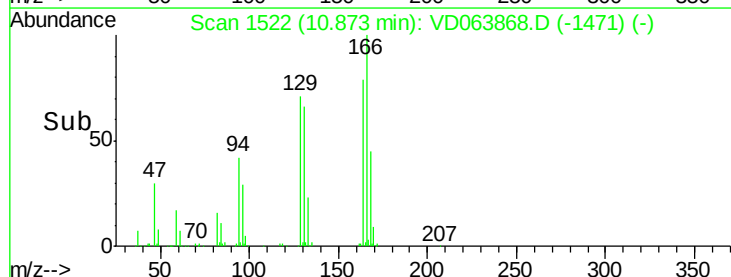
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

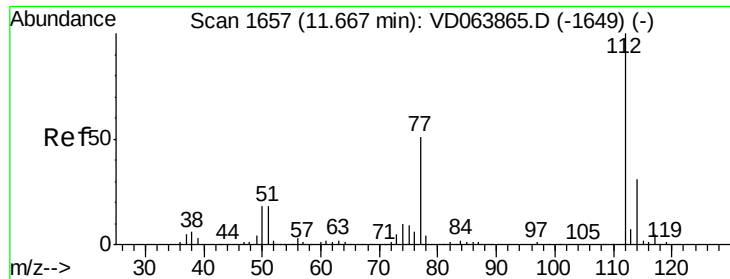
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



Time-->



#65

Chlorobenzene

Concen: 47.690 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

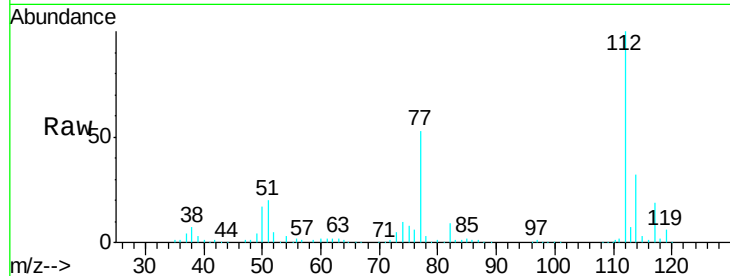
ICVVD100219

Tgt Ion:112 Resp: 328312

Ion Ratio Lower Upper

112 100

114 32.2 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.67

200000

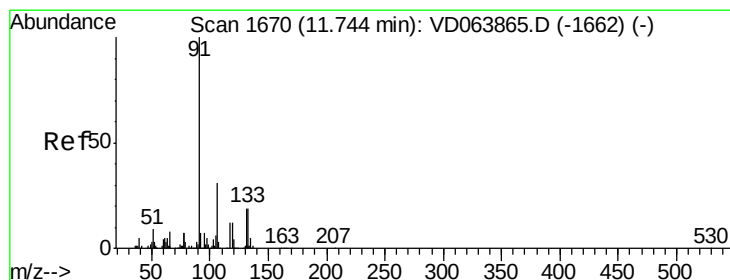
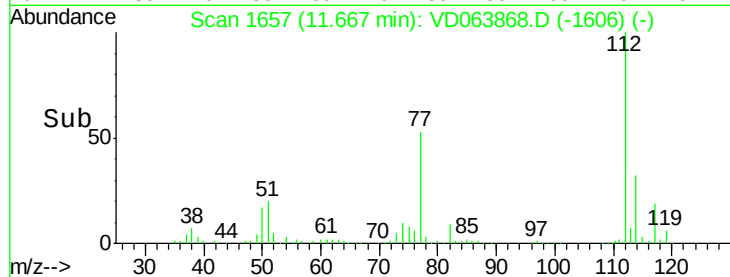
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 47.807 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

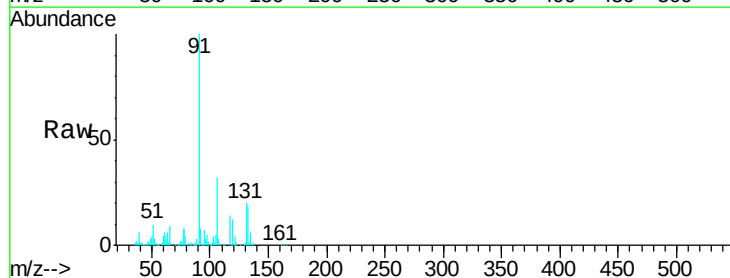
Tgt Ion:131 Resp: 121272

Ion Ratio Lower Upper

131 100

133 95.5 48.9 146.7

119 62.2 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.74

80000

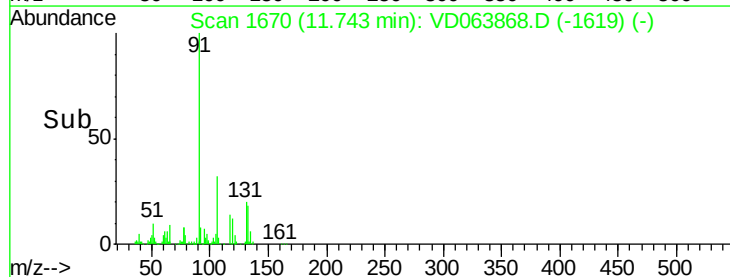
60000

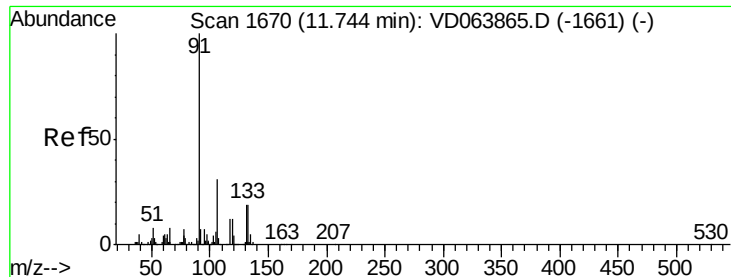
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 46.741 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

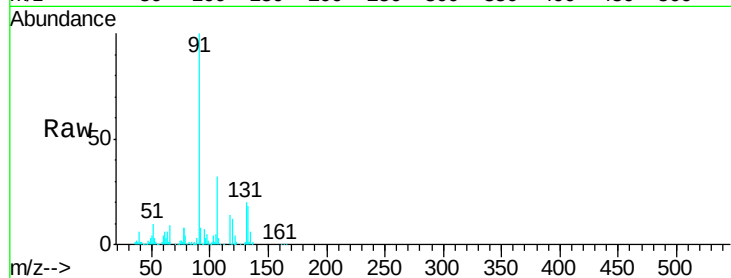
ICVVD100219

Tgt Ion: 91 Resp: 580235

Ion Ratio Lower Upper

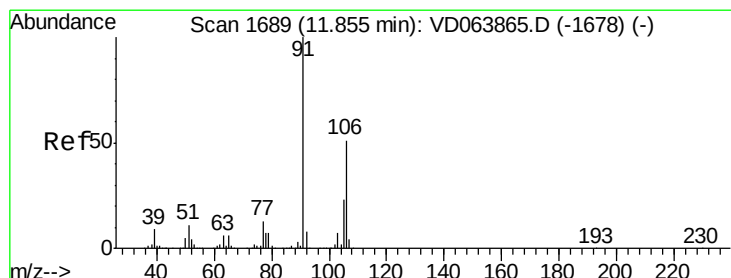
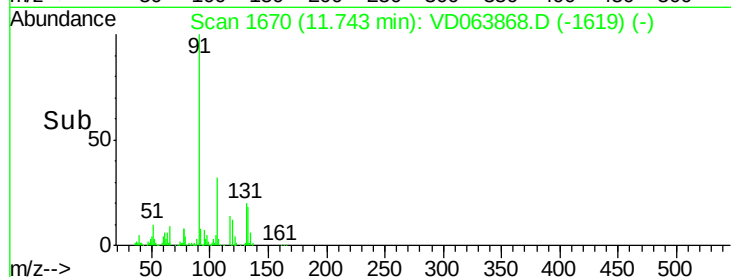
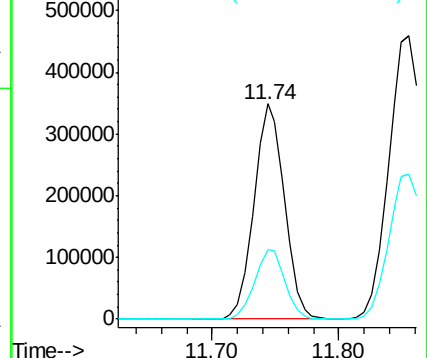
91 100

106 32.5 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 95.107 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD063868.D

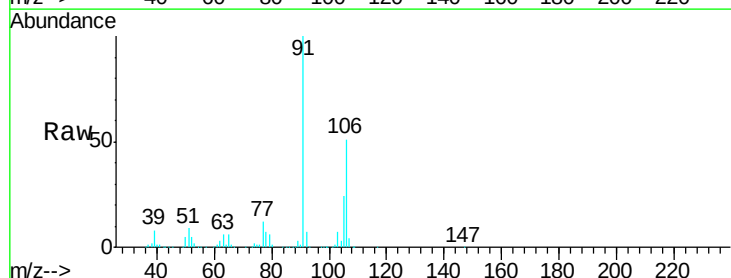
Acq: 02 Oct 2019 19:07

Tgt Ion: 106 Resp: 455698

Ion Ratio Lower Upper

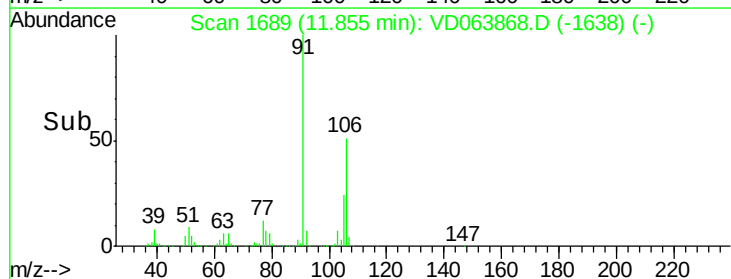
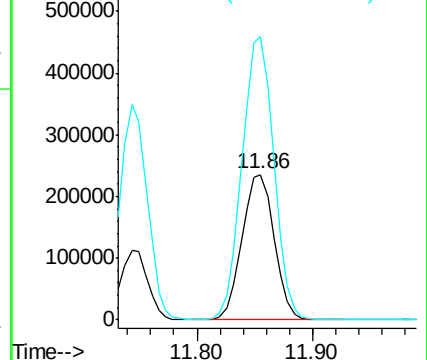
106 100

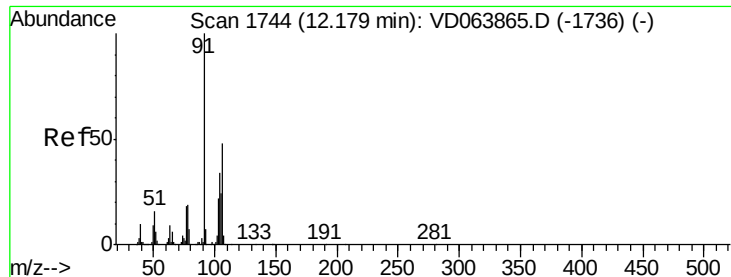
91 192.7 154.8 232.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

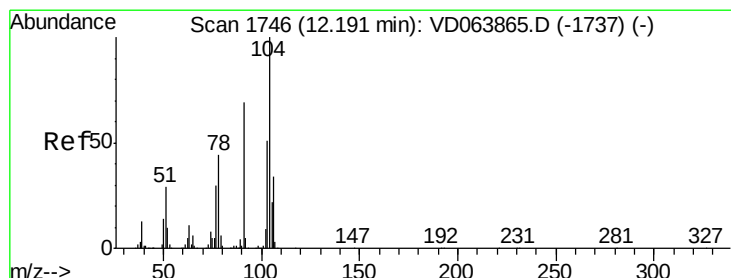
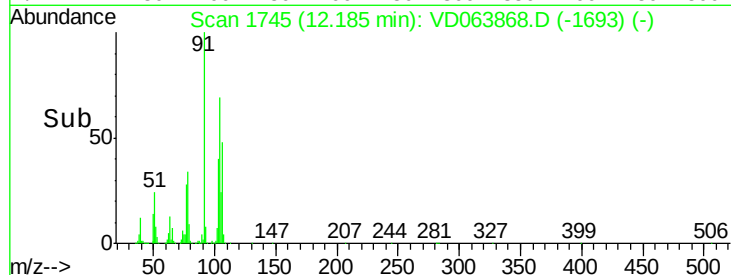
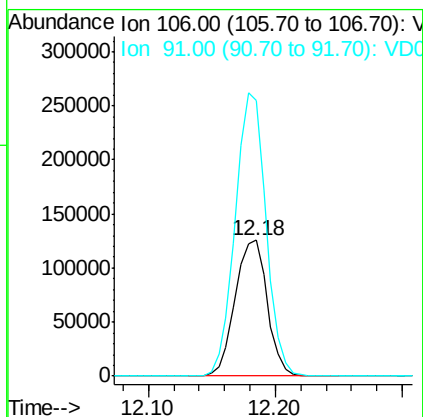
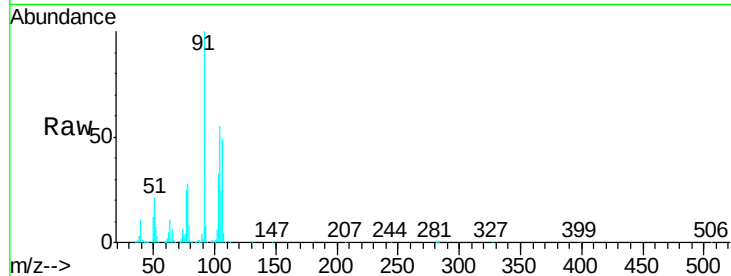




#69
o-Xylene
Concen: 47.971 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

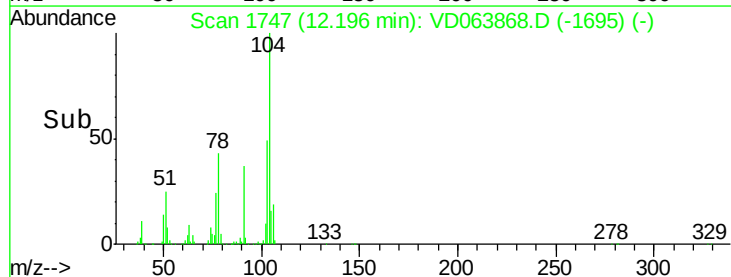
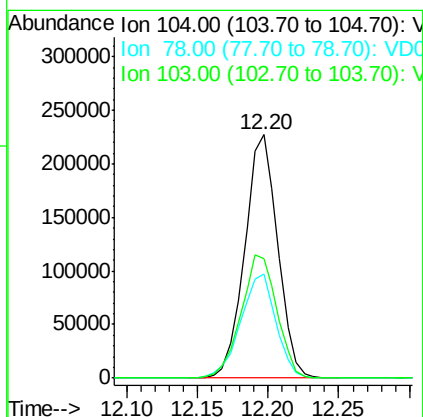
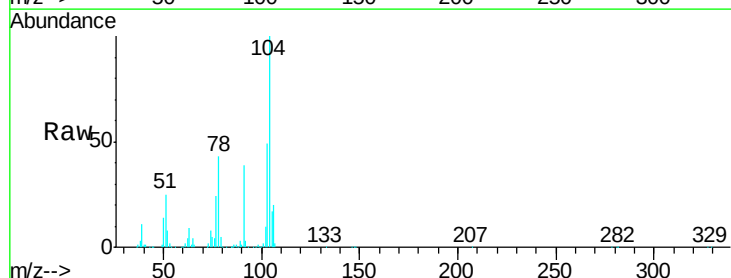
Instrument :
MSVOA_D
ClientSampleId :
ICVVD100219

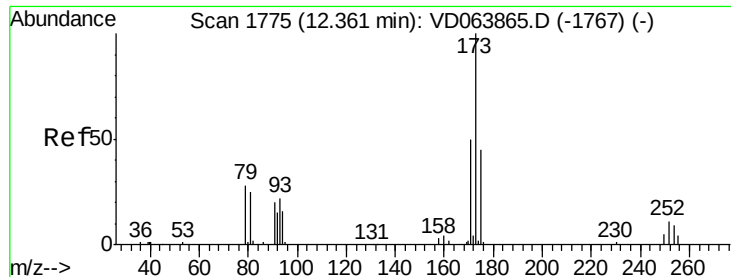
Tgt Ion:106 Resp: 220091
Ion Ratio Lower Upper
106 100
91 199.7 103.9 311.7



#70
Styrene
Concen: 47.883 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.01 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

Tgt Ion:104 Resp: 371897
Ion Ratio Lower Upper
104 100
78 45.7 37.0 55.4
103 55.0 44.2 66.4





#71

Bromoform

Concen: 51.814 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100219

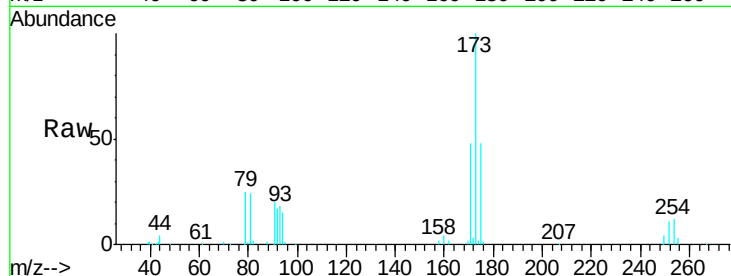
Tgt Ion:173 Resp: 70538

Ion Ratio Lower Upper

173 100

175 48.4 24.6 74.0

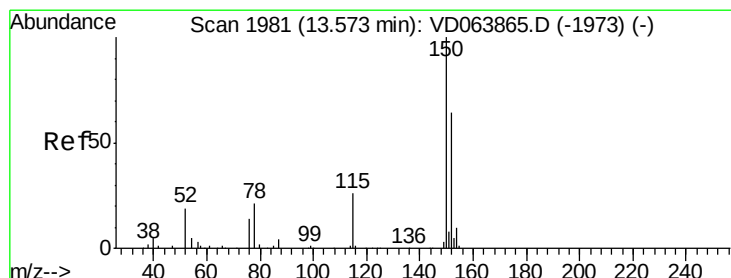
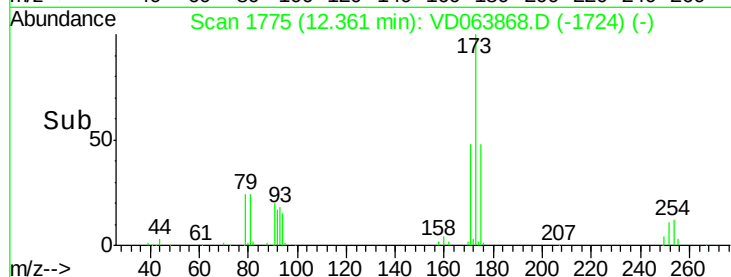
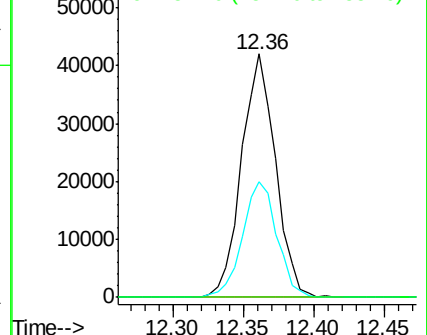
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

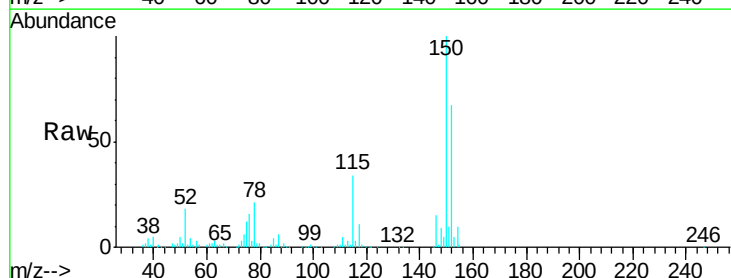
Tgt Ion:152 Resp: 182794

Ion Ratio Lower Upper

152 100

115 53.0 25.9 77.7

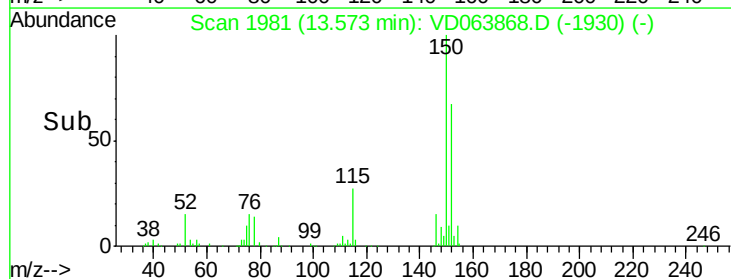
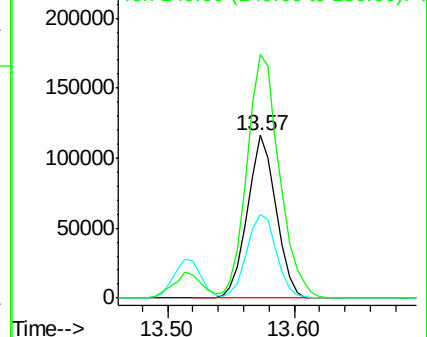
150 169.3 0.0 344.2

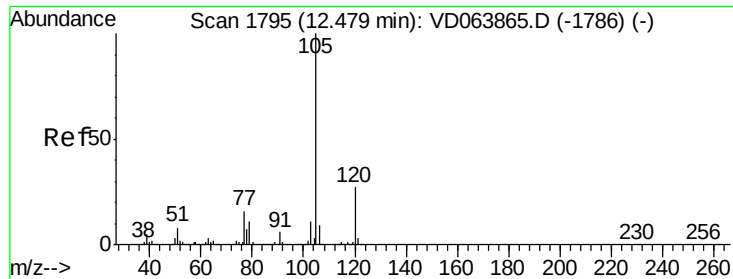


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.890 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

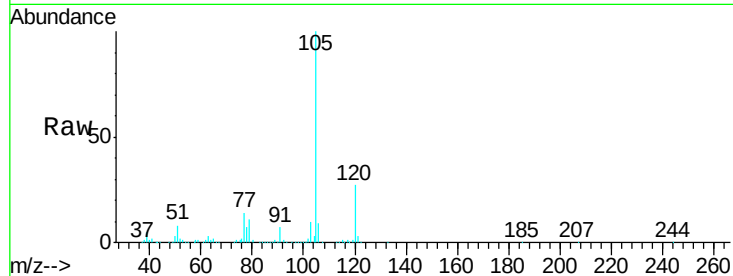
ICVVD100219

Tgt Ion: 105 Resp: 576201

Ion Ratio Lower Upper

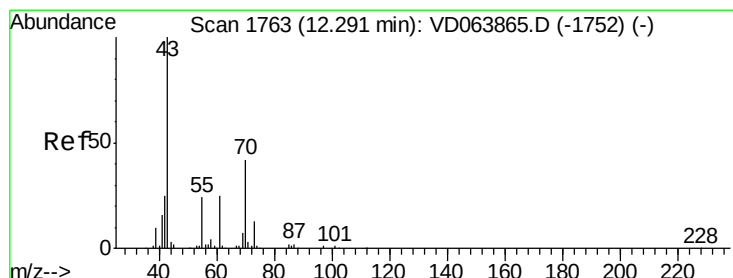
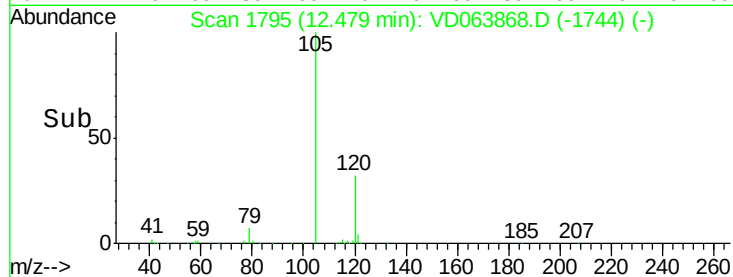
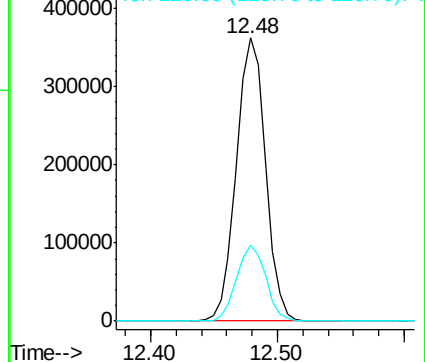
105 100

120 26.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.624 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Tgt Ion: 43 Resp: 120708

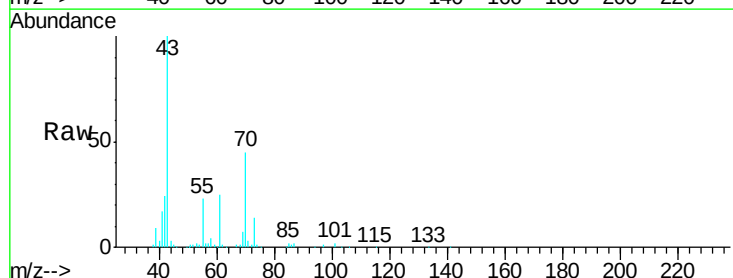
Ion Ratio Lower Upper

43 100

70 45.0 35.8 53.6

55 24.6 19.4 29.0

61 24.4 20.4 30.6

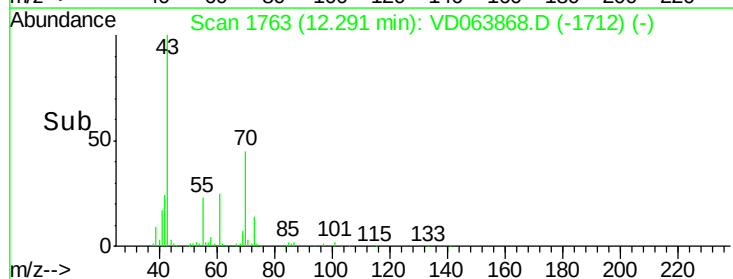
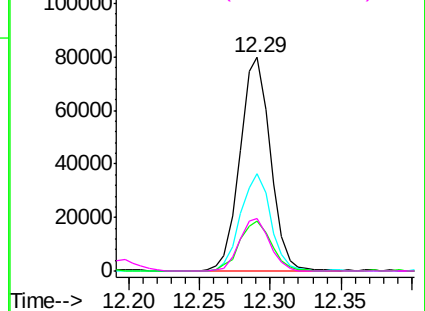


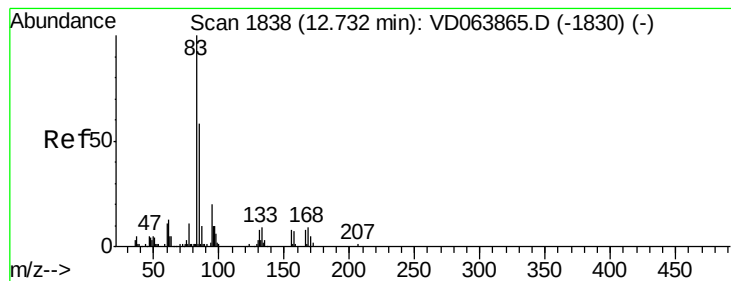
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 43.943 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

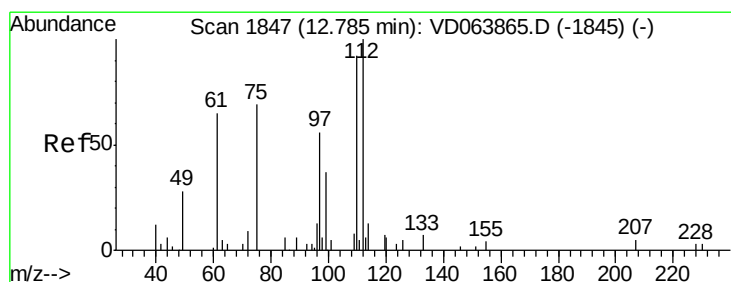
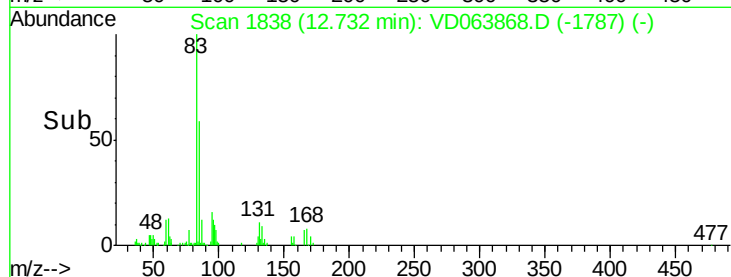
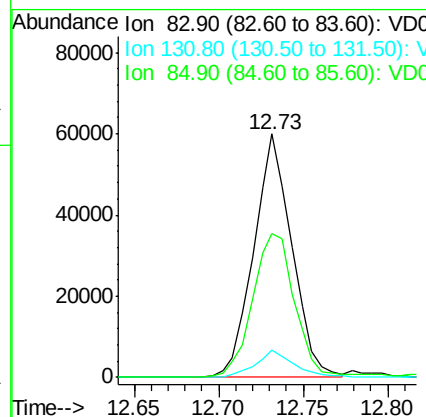
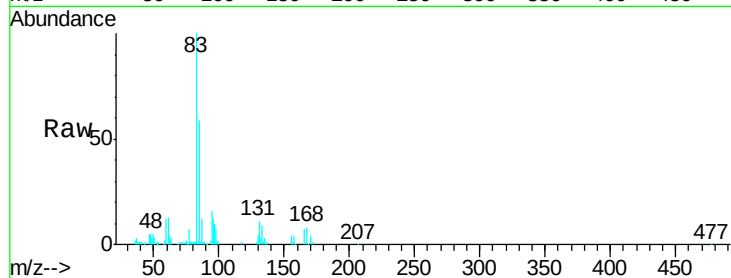
Instrument :

MSVOA_D

ClientSampleId :

ICVVD100219

Tgt Ion:	83	Resp:	93964
Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.6	16.8
85	65.2	32.3	96.8



#76

1,2,3-Trichloropropane

Concen: 104.356 ug/l

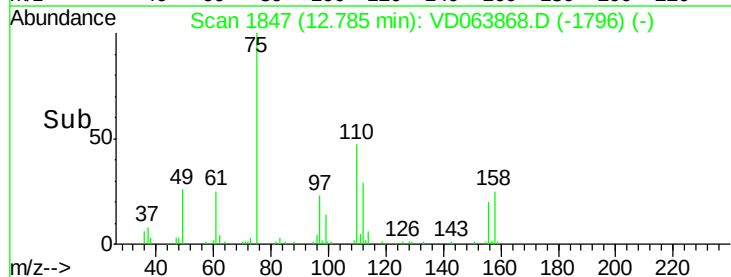
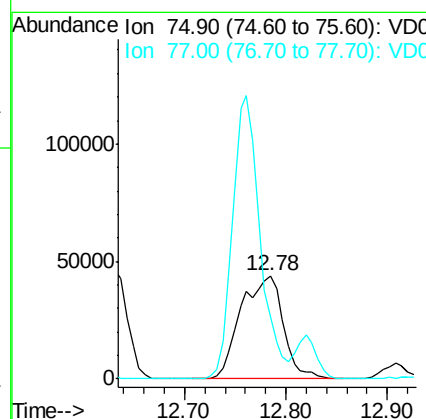
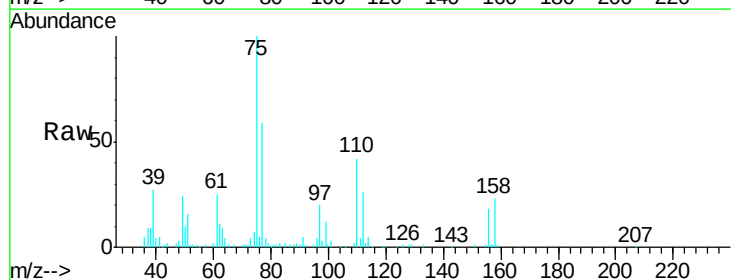
RT: 12.78 min Scan# 1847

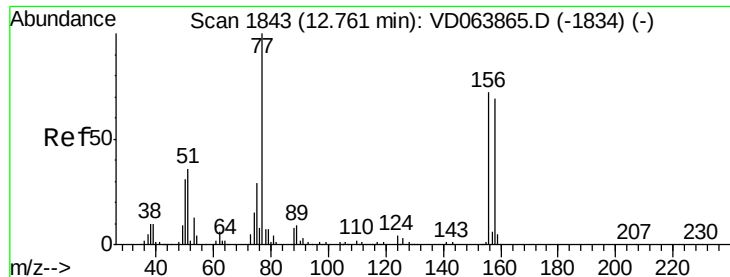
Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Tgt Ion:	75	Resp:	127763
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.889 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100219

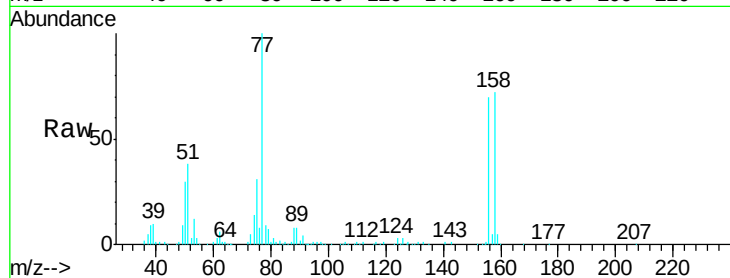
Tgt Ion:156 Resp: 146615

Ion Ratio Lower Upper

156 100

77 155.3 80.3 241.0

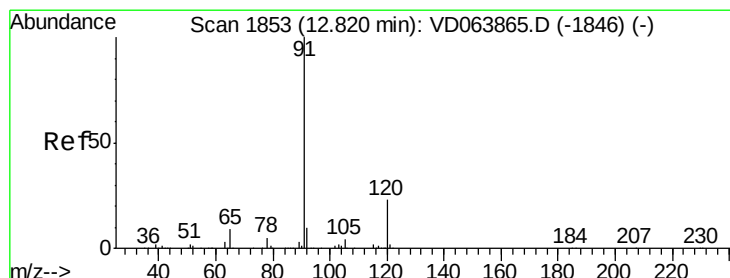
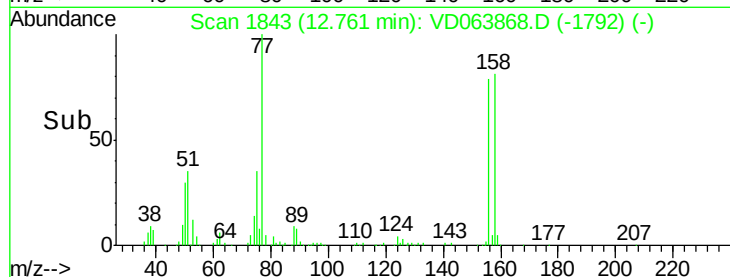
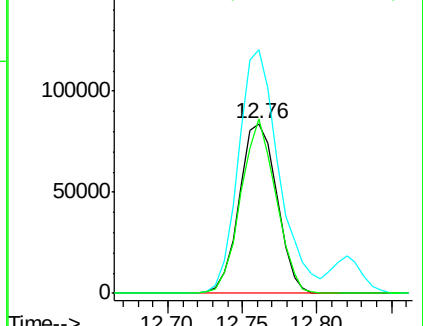
158 96.0 47.4 142.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.275 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD063868.D

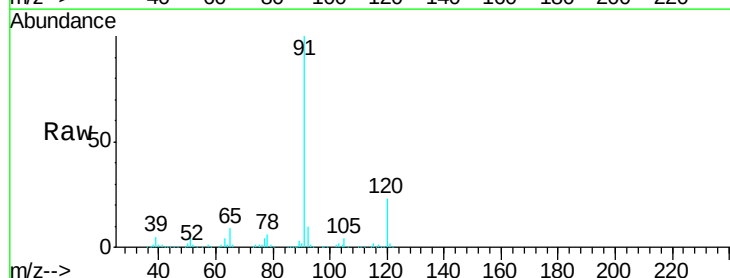
Acq: 02 Oct 2019 19:07

Tgt Ion: 91 Resp: 667464

Ion Ratio Lower Upper

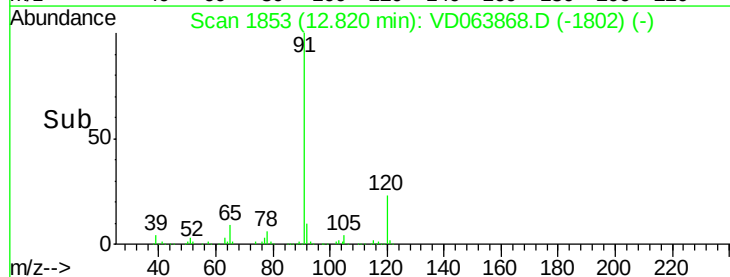
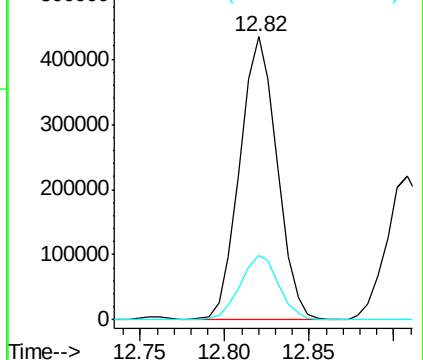
91 100

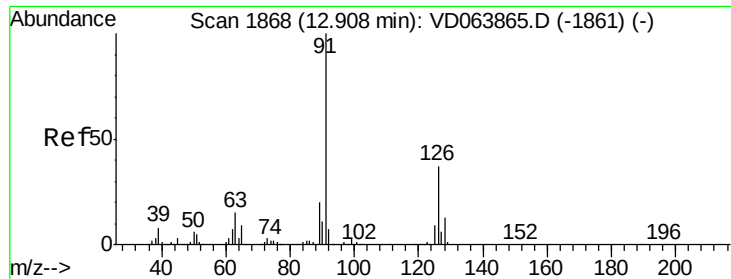
120 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.346 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

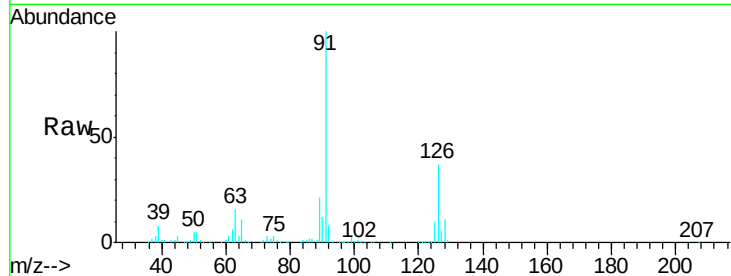
ICVVD100219

Tgt Ion: 91 Resp: 368605

Ion Ratio Lower Upper

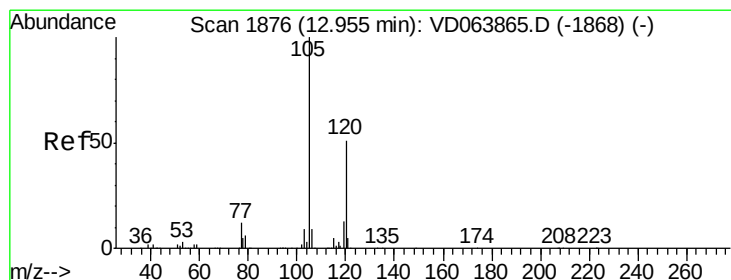
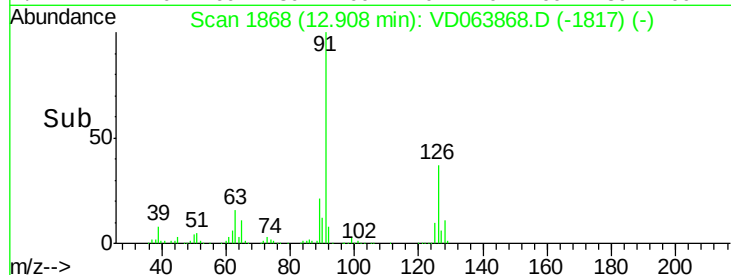
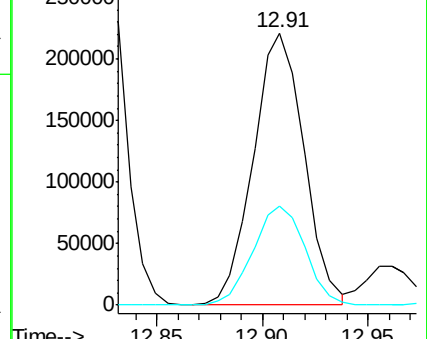
91 100

126 37.5 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 46.620 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VD063868.D

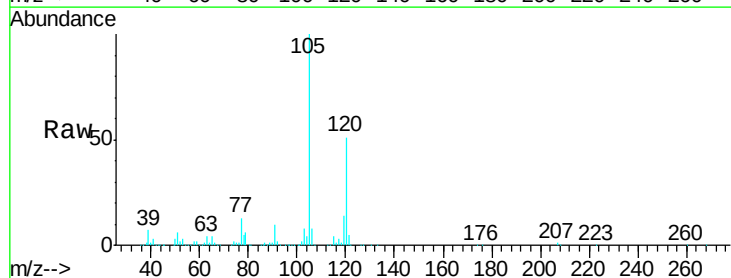
Acq: 02 Oct 2019 19:07

Tgt Ion: 105 Resp: 477937

Ion Ratio Lower Upper

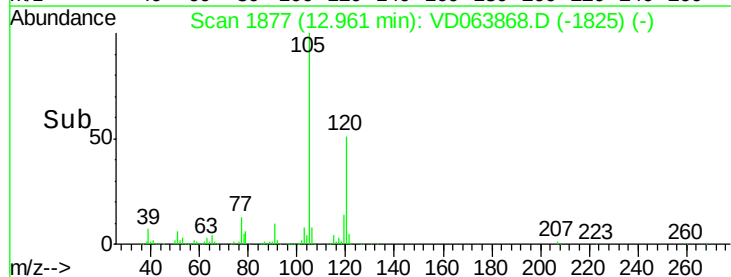
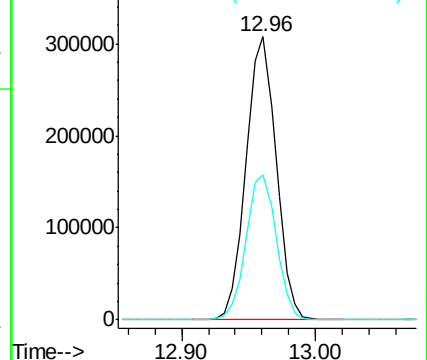
105 100

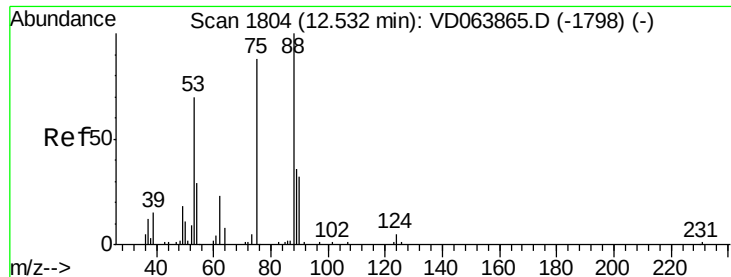
120 51.7 25.9 77.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 43.800 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD063868.D

Acq: 02 Oct 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100219

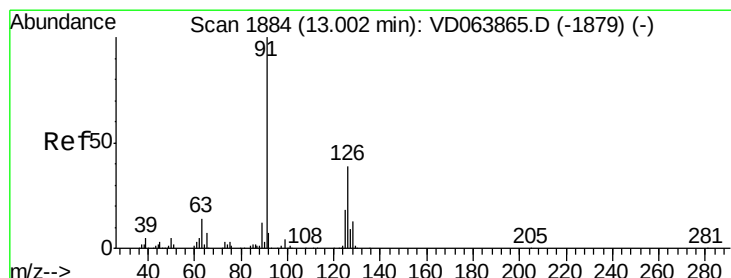
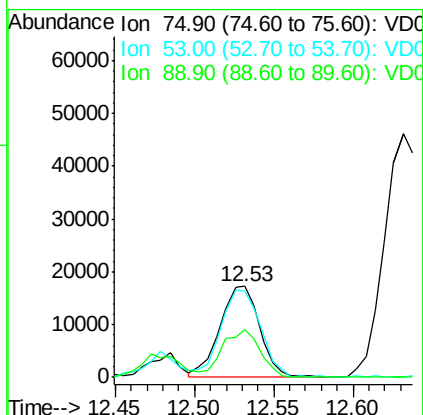
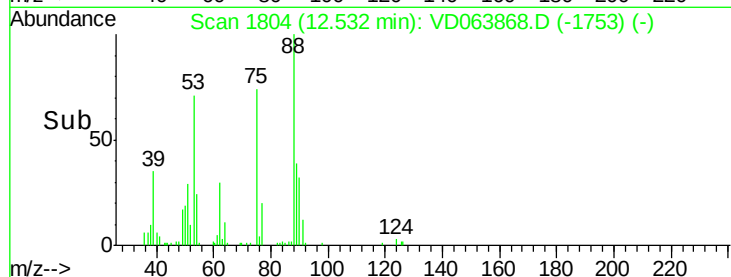
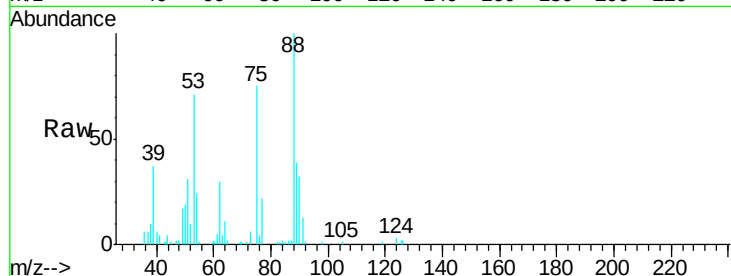
Tgt Ion: 75 Resp: 30303

Ion Ratio Lower Upper

75 100

53 94.0 75.0 112.6

89 48.7 38.2 57.4



#82

4-Chlorotoluene

Concen: 47.264 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VD063868.D

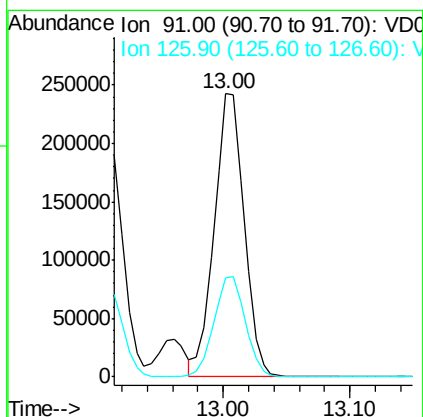
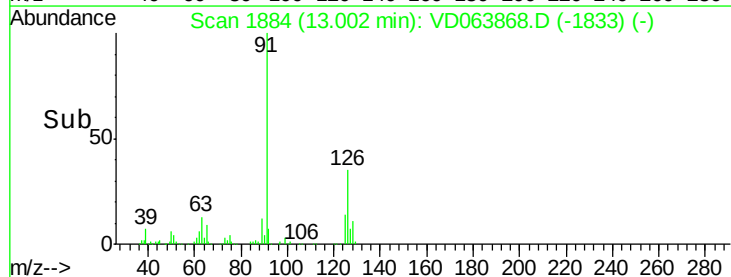
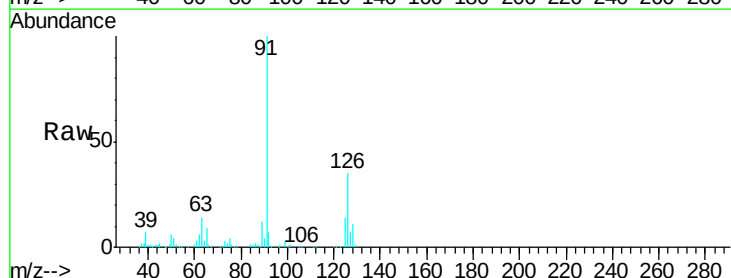
Acq: 02 Oct 2019 19:07

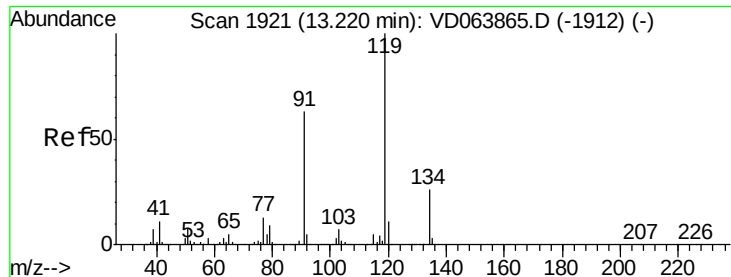
Tgt Ion: 91 Resp: 398768

Ion Ratio Lower Upper

91 100

126 37.0 18.6 55.8

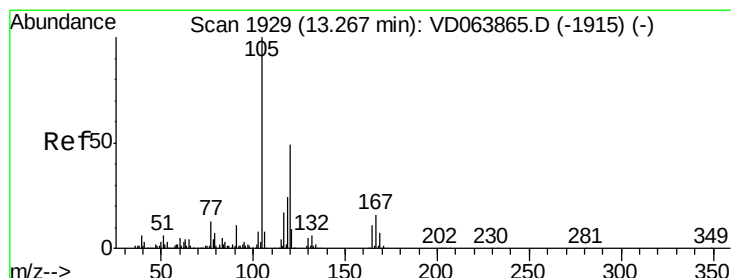
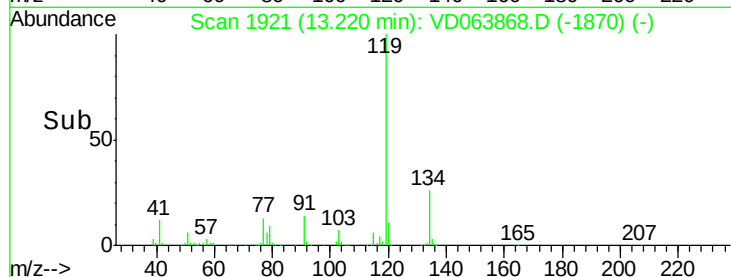
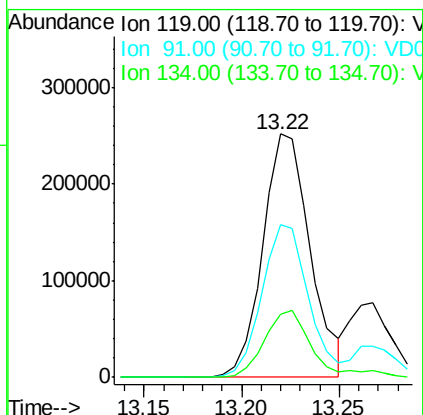
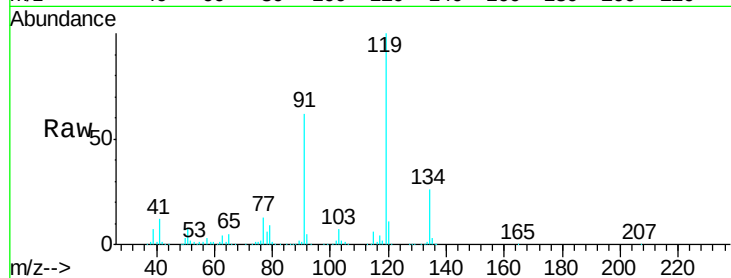




#83
 tert-Butylbenzene
 Concen: 46.416 ug/l
 RT: 13.22 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

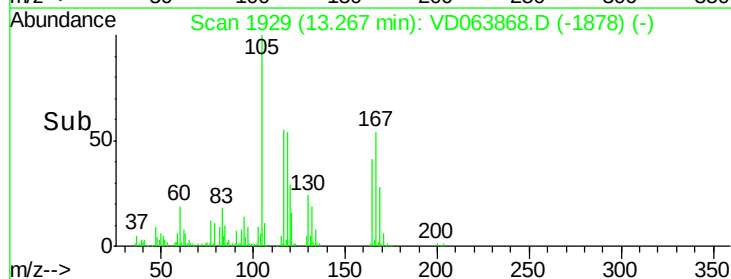
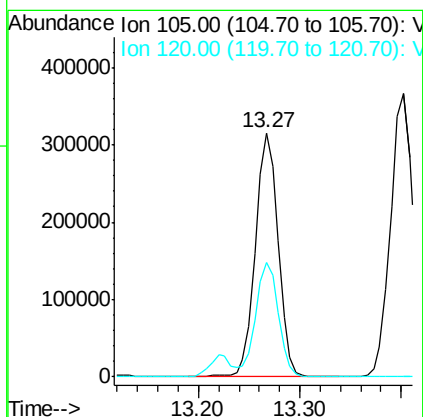
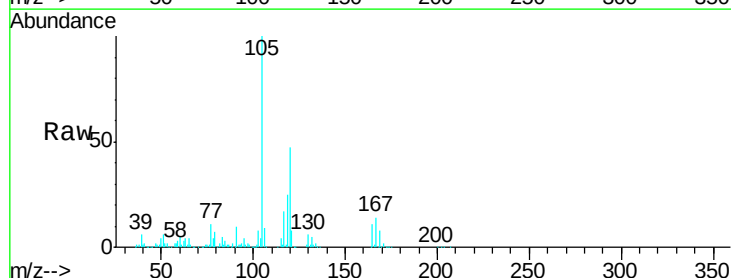
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100219

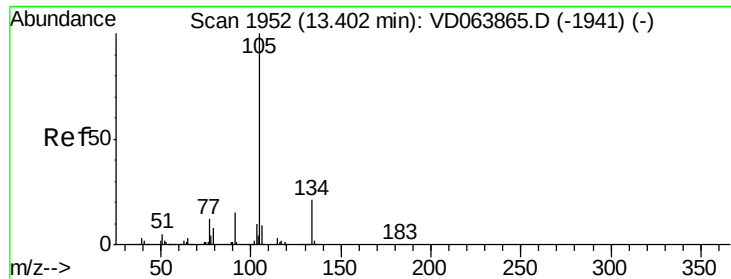
Tgt Ion:119 Resp: 423497
 Ion Ratio Lower Upper
 119 100
 91 61.3 30.0 90.0
 134 28.1 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 46.692 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

Tgt Ion:105 Resp: 493488
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.8 71.5

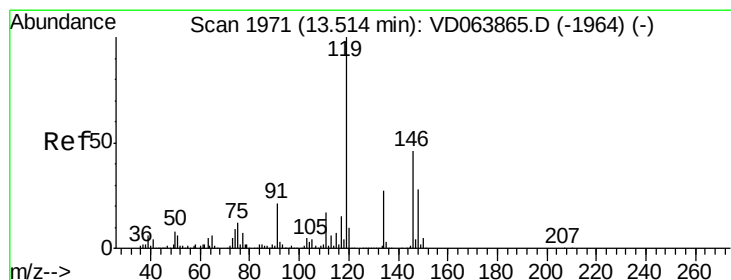
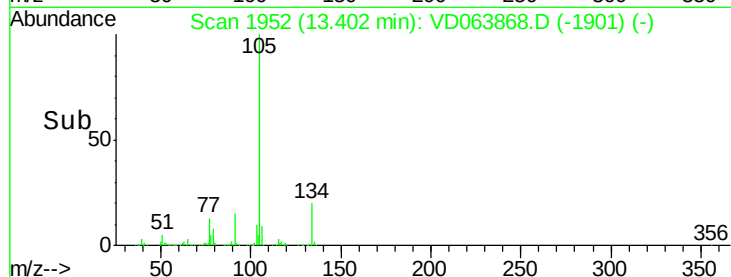
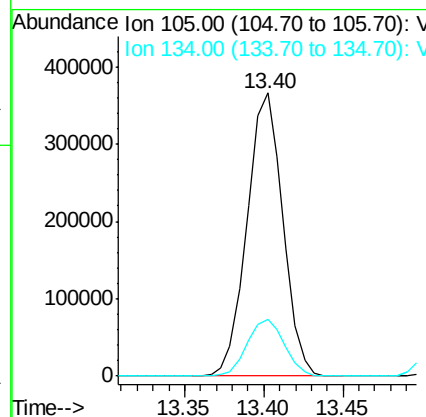
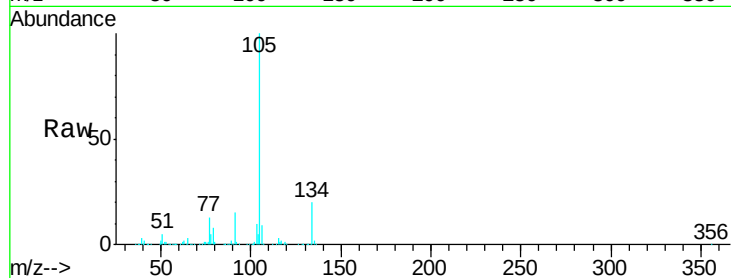




#85
 sec-Butylbenzene
 Concen: 46.524 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

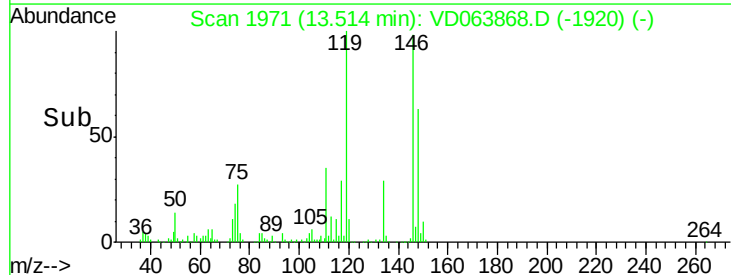
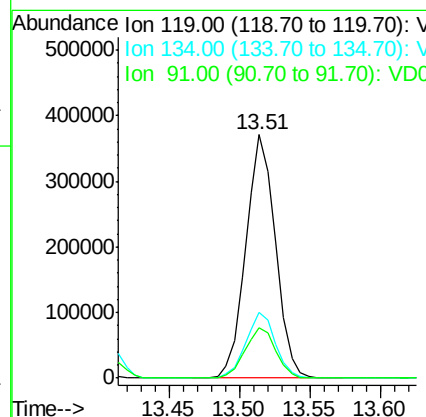
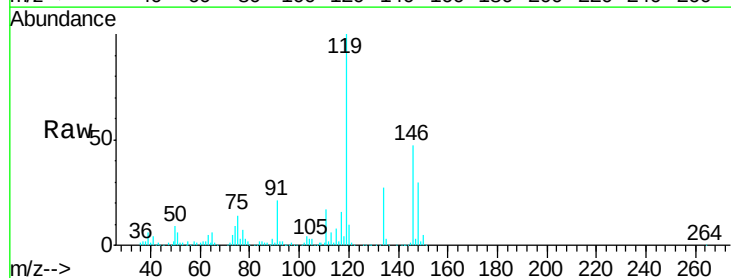
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100219

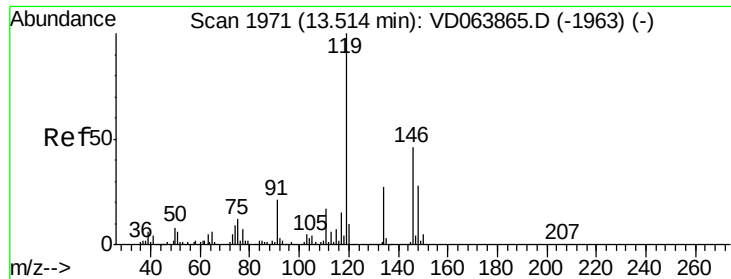
Tgt Ion:105 Resp: 573253
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 46.652 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

Tgt Ion:119 Resp: 543935
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.9 41.6
 91 21.6 11.2 33.5

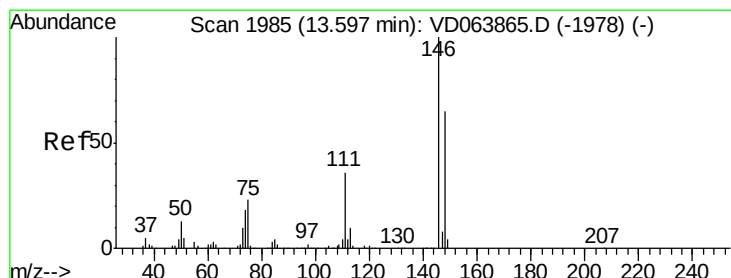
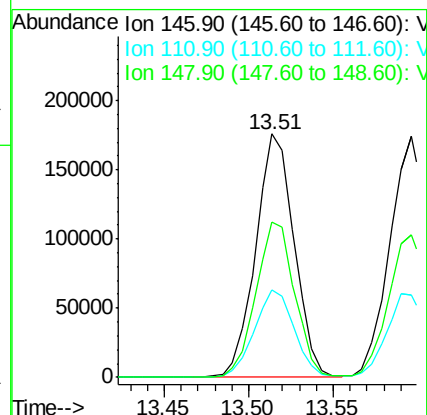
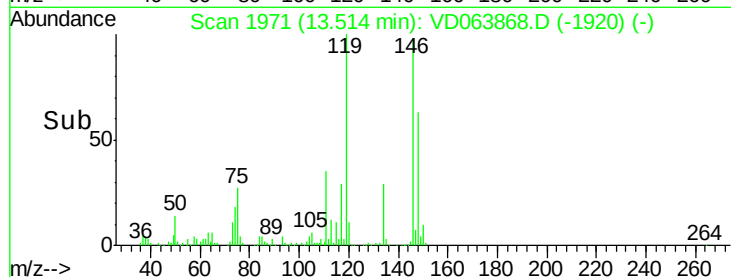
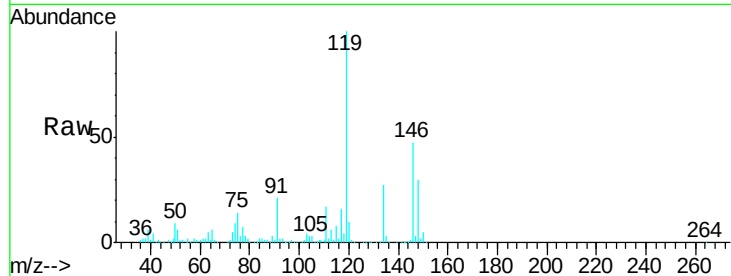




#87
 1,3-Dichlorobenzene
 Concen: 46.152 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

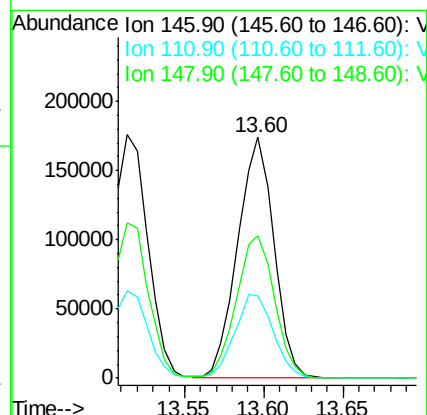
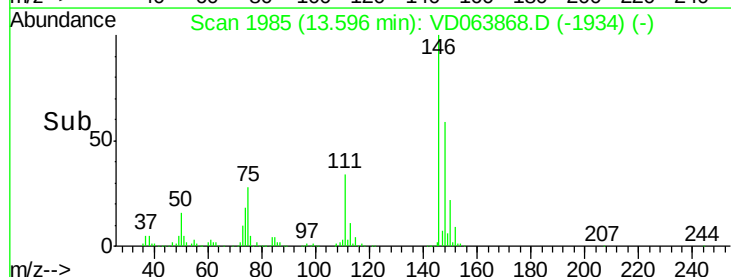
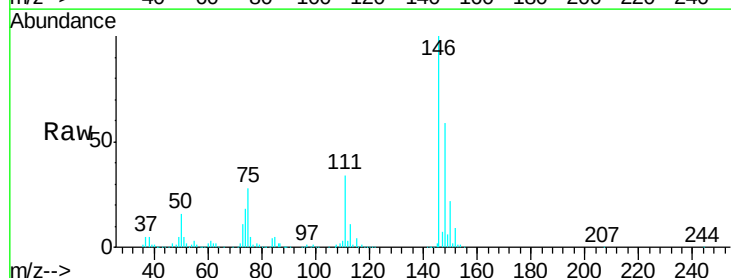
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100219

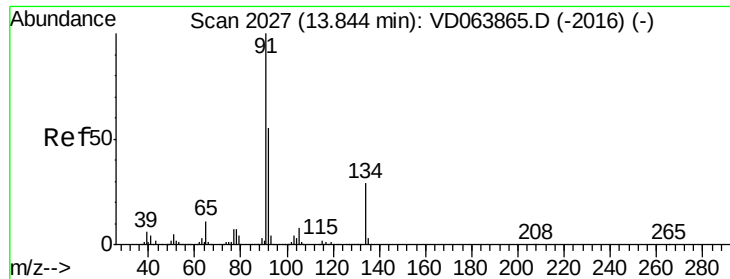
Tgt Ion:146 Resp: 279186
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.3 54.9
 148 64.3 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 46.380 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

Tgt Ion:146 Resp: 276791
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.6 56.0
 148 62.4 32.6 98.0

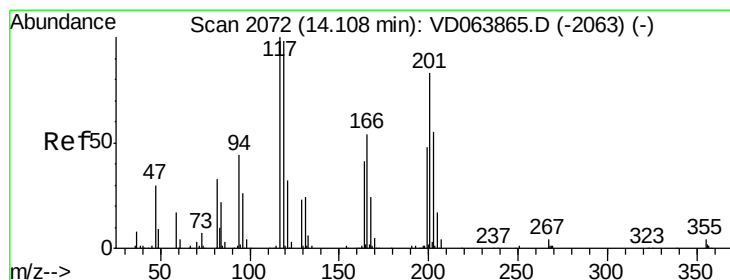
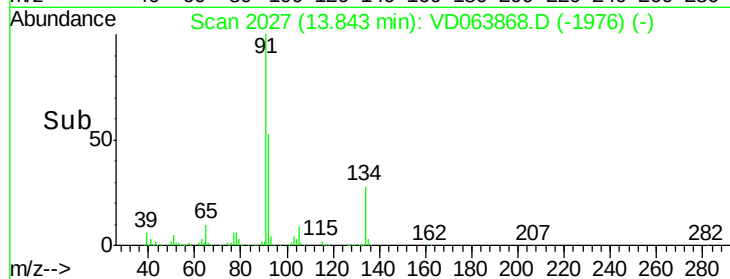
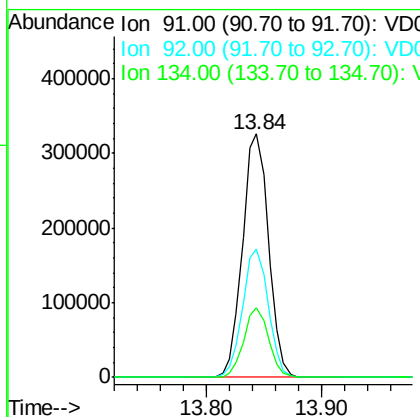
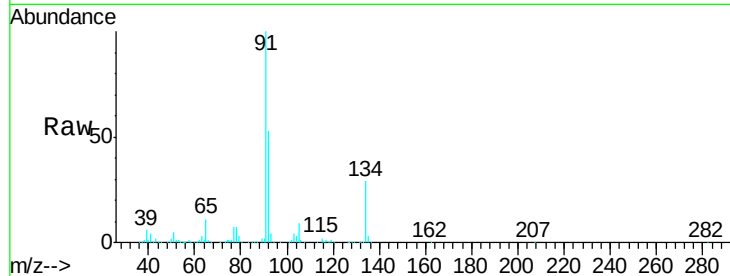




#89
n-Butylbenzene
Concen: 47.051 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

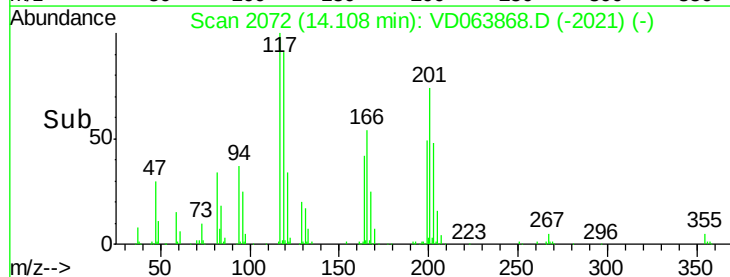
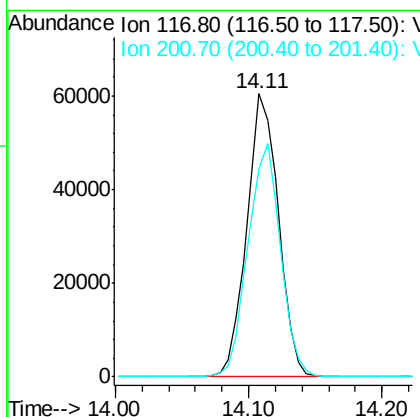
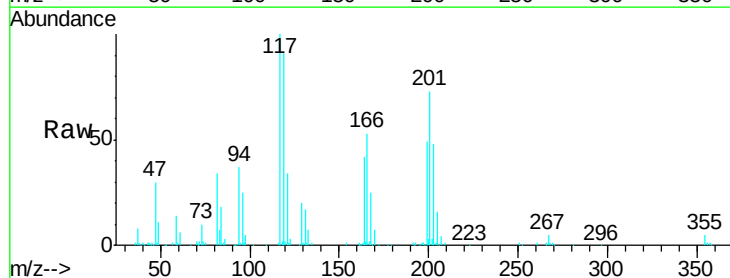
Instrument :
MSVOA_D
ClientSampleId :
ICVVD100219

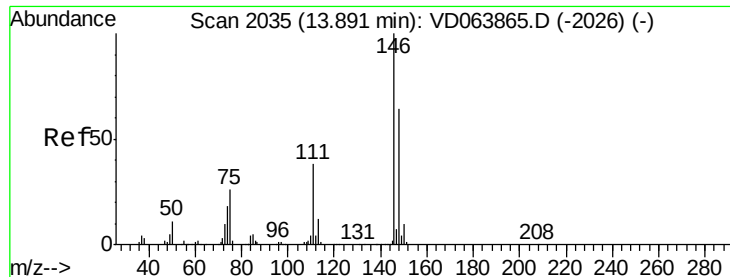
Tgt Ion: 91 Resp: 510639
Ion Ratio Lower Upper
91 100
92 52.3 26.8 80.3
134 27.4 14.4 43.0



#90
Hexachloroethane
Concen: 47.182 ug/l
RT: 14.11 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

Tgt Ion: 117 Resp: 98942
Ion Ratio Lower Upper
117 100
201 84.4 40.6 121.7

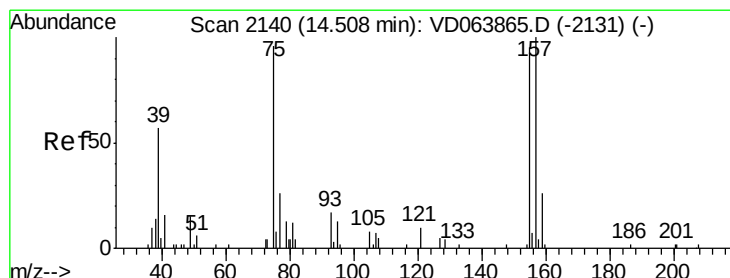
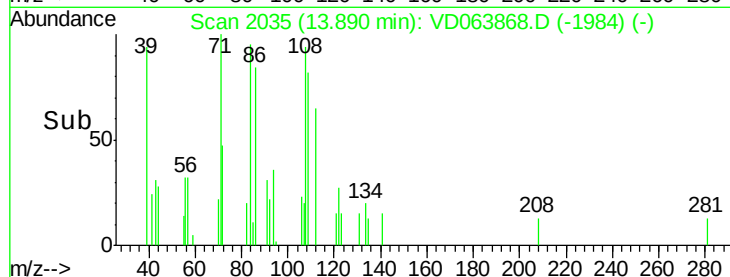
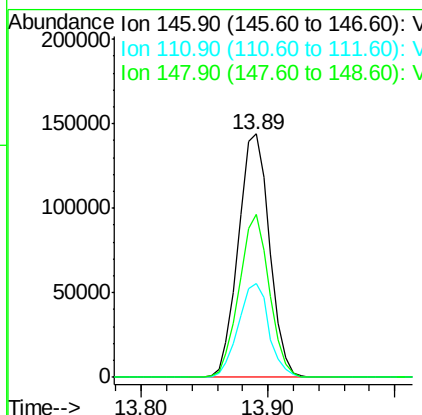
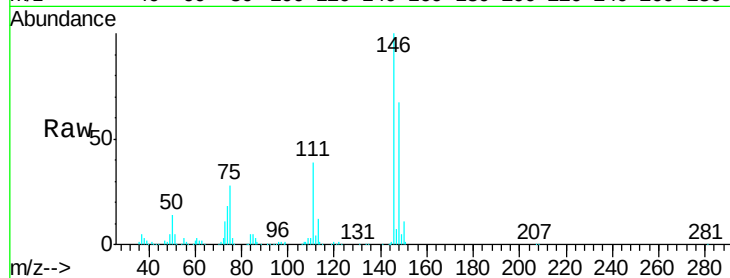




#91
 1,2-Dichlorobenzene
 Concen: 47.153 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

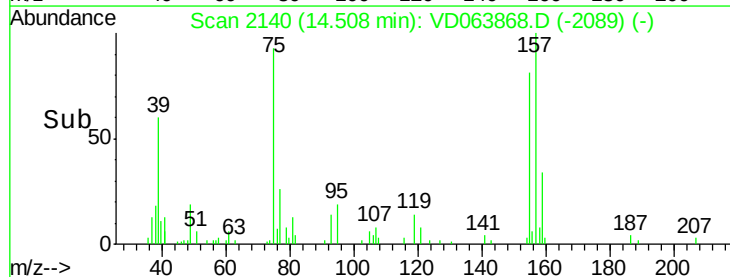
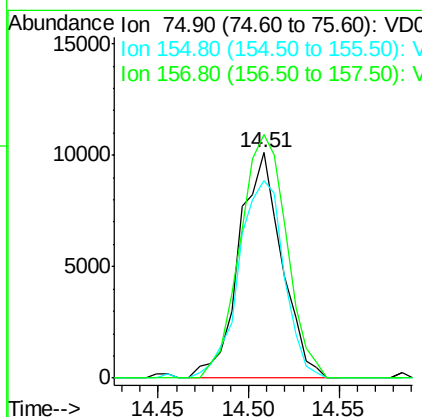
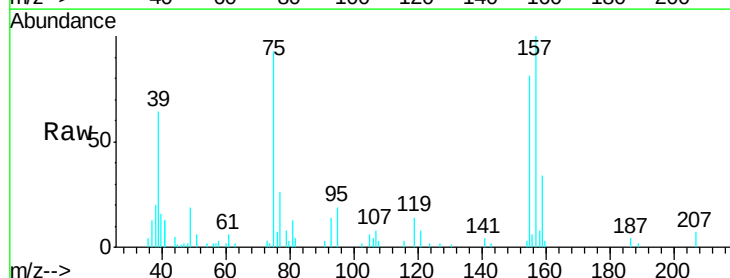
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100219

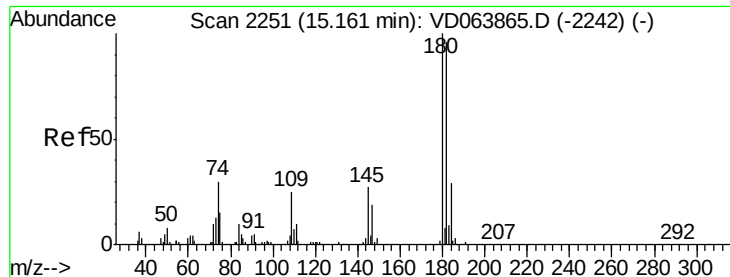
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	55.6
148	64.6	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.118 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.6	43.9	131.6
157	117.3	56.0	167.9

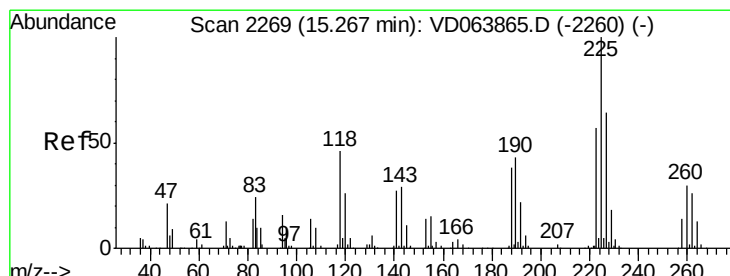
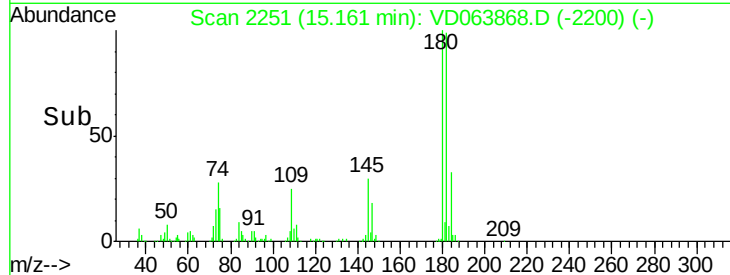
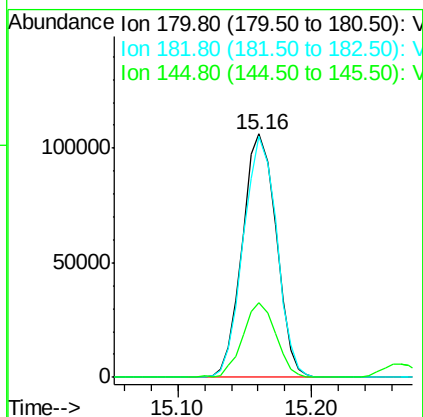
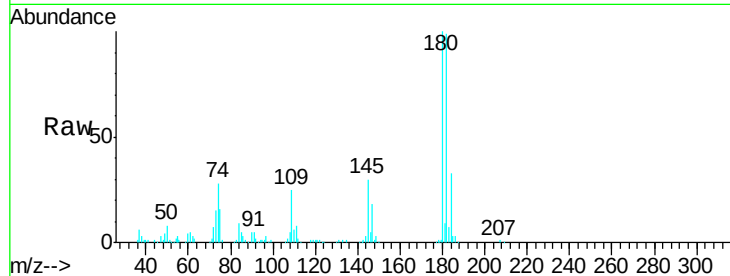




#93
 1,2,4-Trichlorobenzene
 Concen: 46.434 ug/l
 RT: 15.16 min Scan# 2251
 Delta R.T. -0.00 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

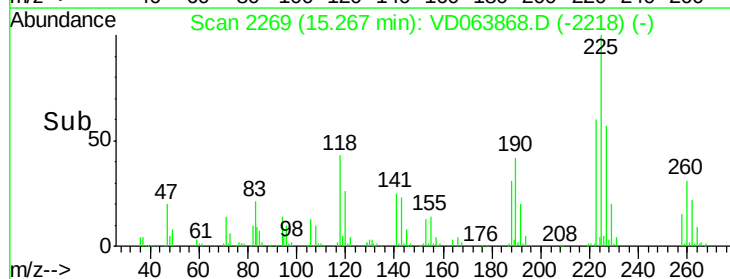
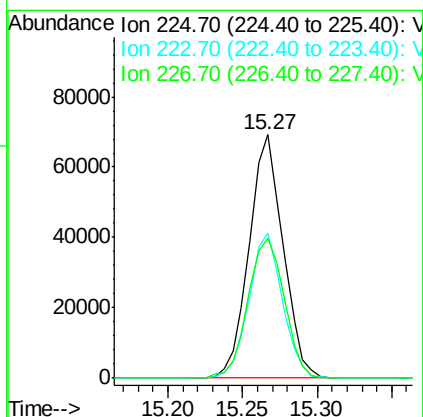
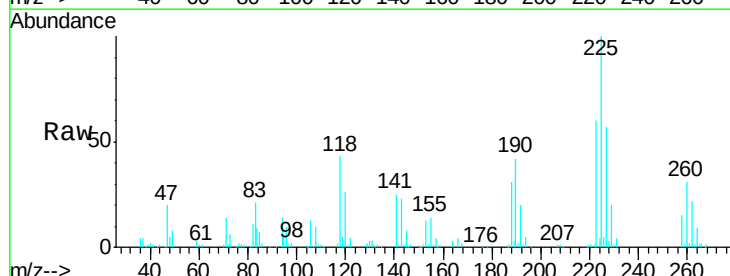
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100219

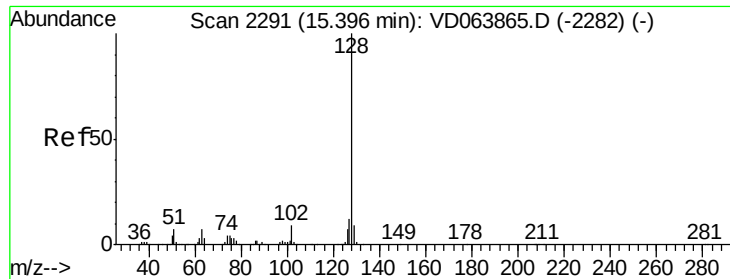
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.4	142.3
145	29.8	13.9	41.7



#94
 Hexachlorobutadiene
 Concen: 48.857 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: VD063868.D
 Acq: 02 Oct 2019 19:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.5	29.5	88.6
227	61.3	30.8	92.4

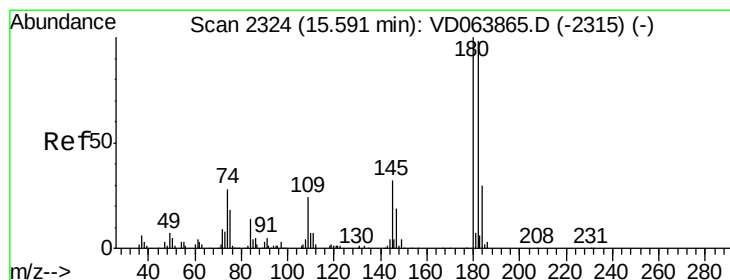
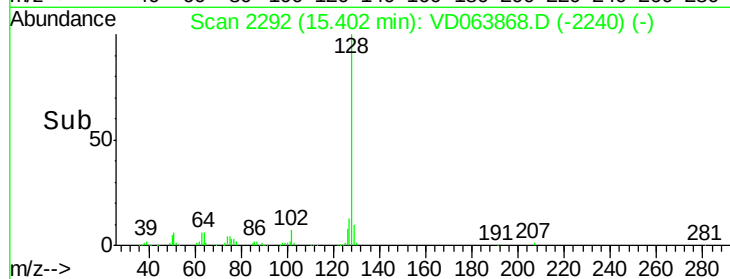
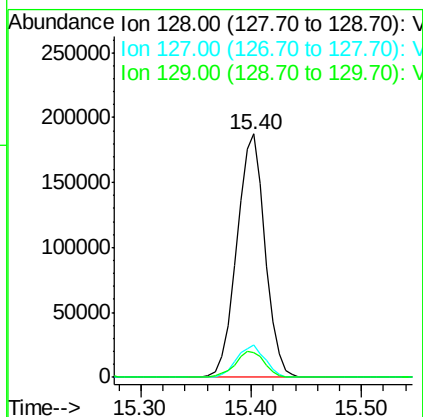
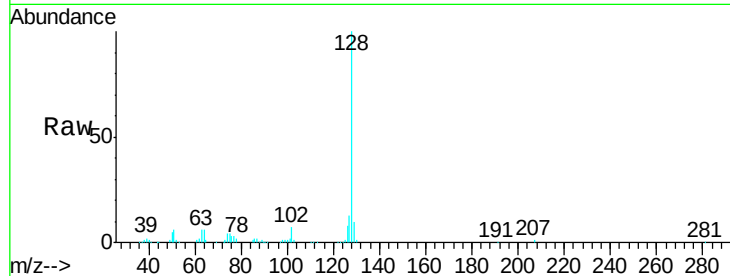




#95
Naphthalene
Concen: 49.713 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.01 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100219

Tgt Ion:128 Resp: 336105
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.156 ug/l
RT: 15.59 min Scan# 2324
Delta R.T. -0.00 min
Lab File: VD063868.D
Acq: 02 Oct 2019 19:07

Tgt Ion:180 Resp: 170599
Ion Ratio Lower Upper
180 100
182 93.9 47.0 141.0
145 29.1 15.3 45.9

