

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100219\
 Data File : VD063866.D
 Acq On : 02 Oct 2019 18:12
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00g/5.00mL/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 03 03:32:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 03 03:24:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	221244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	355680	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	354387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	191390	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	209352	99.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.50%	
35) Dibromofluoromethane	7.92	113	216121	96.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.24%	
50) Toluene-d8	10.34	98	861162	101.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.30%	
62) 4-Bromofluorobenzene	12.63	95	299922	98.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	135460	87.719	ug/l	90
3) Chloromethane	2.21	50	405250	86.798	ug/l	97
4) Vinyl Chloride	2.34	62	454827	95.217	ug/l	97
5) Bromomethane	2.76	94	305430	108.152	ug/l	96
6) Chloroethane	2.91	64	299521	91.308	ug/l	93
7) Trichlorofluoromethane	3.27	101	591027	92.582	ug/l	98
8) Diethyl Ether	3.70	74	97965	92.740	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	166137	89.038	ug/l	99
10) Methyl Iodide	4.29	142	265786	116.992	ug/l	99
11) Tert butyl alcohol	5.25	59	76937	467.026	ug/l	98
12) 1,1-Dichloroethene	4.06	96	173647	91.859	ug/l	95
13) Acrolein	3.93	56	87041	439.702	ug/l	90
14) Allyl chloride	4.71	41	275556	91.247	ug/l	98
15) Acrylonitrile	5.43	53	227980	494.976	ug/l	99
16) Acetone	4.16	43	283366	569.383	ug/l	97
17) Carbon Disulfide	4.40	76	639313	99.208	ug/l #	94
18) Methyl Acetate	4.73	43	98387	85.023	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	467852	98.312	ug/l	96
20) Methylene Chloride	4.96	84	236390	83.288	ug/l	100
21) trans-1,2-Dichloroethene	5.46	96	219985	99.108	ug/l	99
22) Diisopropyl ether	6.37	45	574911	92.799	ug/l	96
23) Vinyl Acetate	6.31	43	1786567	484.809	ug/l	100
24) 1,1-Dichloroethane	6.27	63	367603	97.189	ug/l	97
25) 2-Butanone	7.23	43	331060	523.932	ug/l	96
26) 2,2-Dichloropropane	7.21	77	324414	92.730	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	253024	102.110	ug/l	98
28) Bromochloromethane	7.55	49	149532	102.800	ug/l	96
29) Tetrahydrofuran	7.57	42	173443	469.768	ug/l	99
30) Chloroform	7.71	83	398825	97.581	ug/l	97
31) Cyclohexane	7.98	56	312905	84.281	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	347611	94.322	ug/l	98
36) 1,1-Dichloropropene	8.11	75	303095	94.225	ug/l	98
37) Ethyl Acetate	7.30	43	125638	91.504	ug/l	100
38) Carbon Tetrachloride	8.10	117	314325	94.536	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	365781	91.577	ug/l	93
40) Benzene	8.35	78	886372	99.383	ug/l	99
41) Methacrylonitrile	7.54	41	65221	84.002	ug/l	95
42) 1,2-Dichloroethane	8.43	62	246572	94.375	ug/l	100
43) Isopropyl Acetate	8.46	43	246555	91.010	ug/l	99
44) Trichloroethene	9.11	130	252900	97.728	ug/l	98
45) 1,2-Dichloropropane	9.39	63	214975	97.429	ug/l	93
46) Dibromomethane	9.48	93	127117	101.891	ug/l	98
47) Bromodichloromethane	9.67	83	320230	99.933	ug/l	99
48) Methyl methacrylate	9.46	41	112018	90.712	ug/l	96
49) 1,4-Dioxane	9.47	88	34784	1968.396	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	646423	470.474	ug/l	97
52) Toluene	10.40	92	602021	99.329	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	317300	99.826	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	367301	102.043	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	174100	99.122	ug/l	96
56) Ethyl methacrylate	10.66	69	223949	99.997	ug/l	97
57) 1,3-Dichloropropane	10.95	76	288253	95.942	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	537231	536.937	ug/l	100
59) 2-Hexanone	10.98	43	501155	502.957	ug/l	100
60) Dibromochloromethane	11.14	129	239075	103.026	ug/l	98
61) 1,2-Dibromoethane	11.24	107	176656	100.243	ug/l	98
64) Tetrachloroethene	10.87	164	231654	97.957	ug/l	97
65) Chlorobenzene	11.67	112	694777	97.983	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	260017	99.945	ug/l	98
67) Ethyl Benzene	11.74	91	1254328	98.430	ug/l	98
68) m/p-Xylenes	11.86	106	979644	199.192	ug/l	99
69) o-Xylene	12.18	106	465694	100.601	ug/l	97
70) Styrene	12.20	104	800641	101.826	ug/l	100
71) Bromoform	12.36	173	149705	104.051	ug/l #	100
73) Isopropylbenzene	12.48	105	1223069	94.479	ug/l	98
74) N-amyl acetate	12.29	43	257163	90.464	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	196362	90.636	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	262769	182.058	ug/l #	100
77) Bromobenzene	12.76	156	317522	101.509	ug/l	95
78) n-propylbenzene	12.82	91	1434208	94.088	ug/l	100
79) 2-Chlorotoluene	12.91	91	784744	95.553	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	1042053	96.621	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	66220	91.414	ug/l	99
82) 4-Chlorotoluene	13.00	91	814007	92.580	ug/l	99
83) tert-Butylbenzene	13.22	119	926446	97.926	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	1064387	97.180	ug/l	99
85) sec-Butylbenzene	13.40	105	1216257	92.750	ug/l	99
86) p-Isopropyltoluene	13.51	119	1203023	97.934	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	611616	99.776	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	599978	98.066	ug/l	97
89) n-Butylbenzene	13.84	91	1084644	93.081	ug/l	99
90) Hexachloroethane	14.11	117	219511	96.647	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	526328	99.676	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	31777	85.000	ug/l	78

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Quant Title : SW846 8260
QLast Update : Thu Oct 03 03:24:56 2019
Response via : Initial Calibration

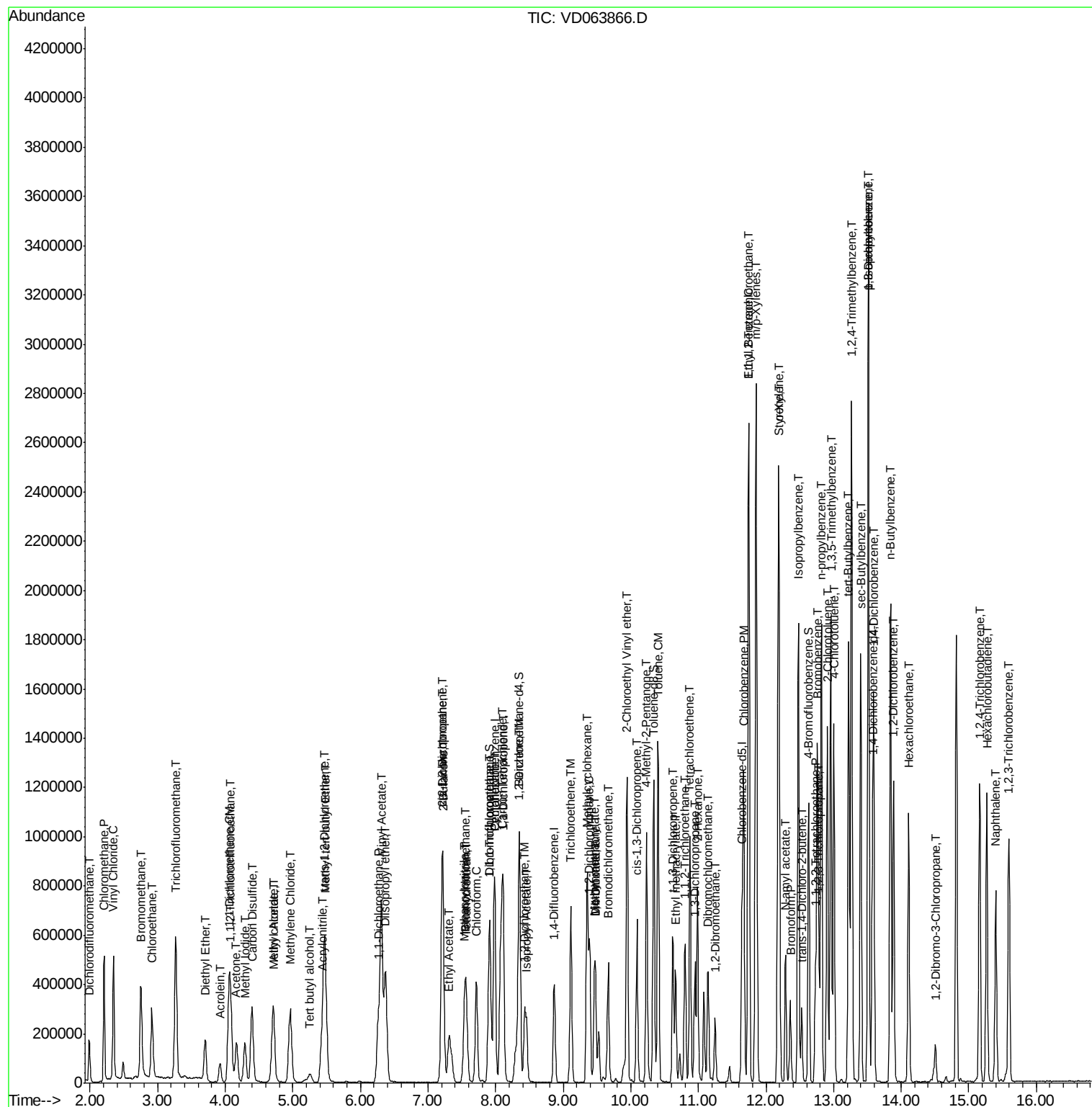
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	417011	104.283	ug/l	99
94) Hexachlorobutadiene	15.27	225	232064	102.550	ug/l	98
95) Naphthalene	15.40	128	714280	99.149	ug/l	99
96) 1,2,3-Trichlorobenzene	15.59	180	359613	101.367	ug/l	99

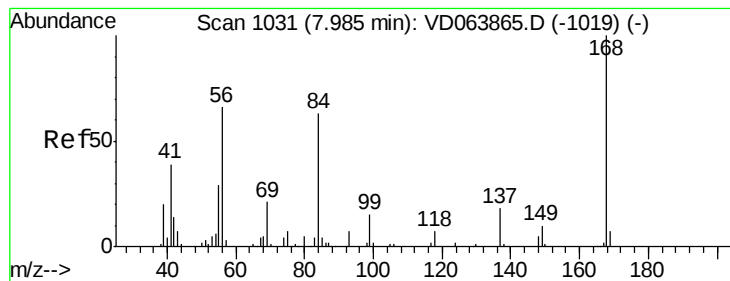
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD100219\
Data File : VD063866.D
Acq On : 02 Oct 2019 18:12
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Sample : VSTDICC100
Misc : 5.00g/5.00mL/MSVOA_D/SOIL
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Quant Time: Oct 03 03:32:26 2019
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Quant Title : SW846 8260
QLast Update : Thu Oct 03 03:24:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

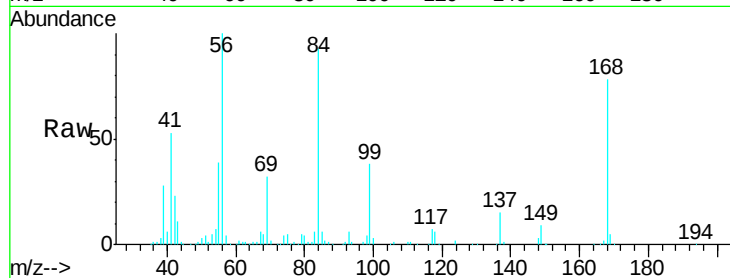
VSTDIC100

Tgt Ion:168 Resp: 221244

Ion Ratio Lower Upper

168 100

99 48.3 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

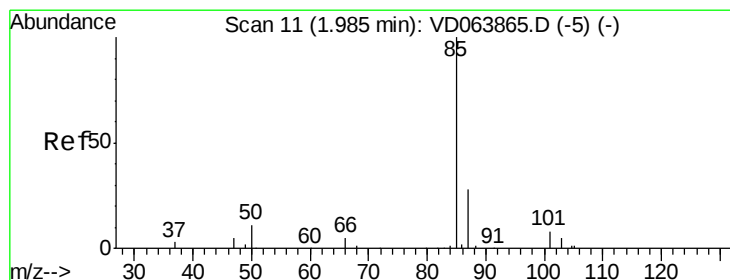
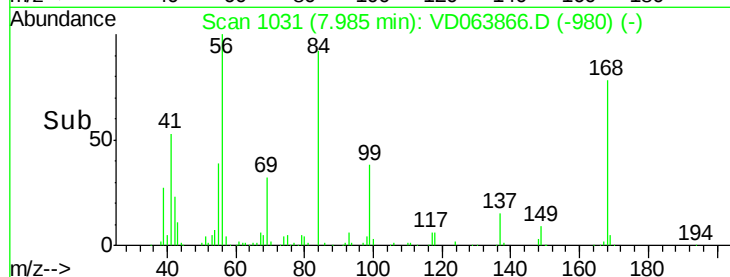
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 87.719 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD063866.D

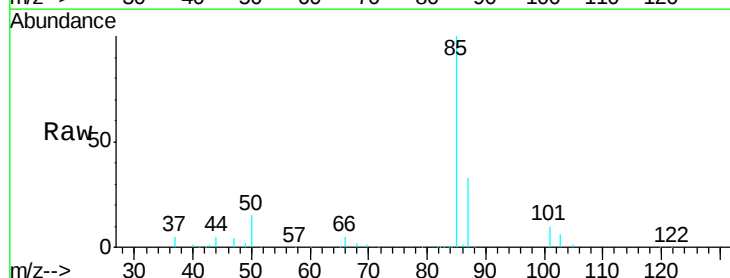
Acq: 02 Oct 2019 18:12

Tgt Ion: 85 Resp: 135460

Ion Ratio Lower Upper

85 100

87 33.0 14.0 42.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

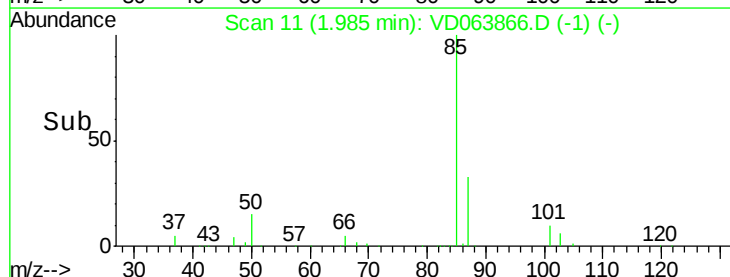
60000

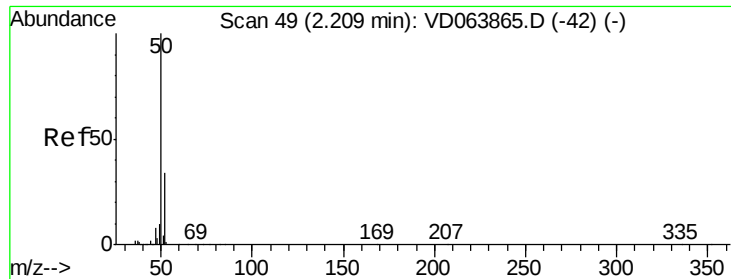
40000

20000

0

Time-->





#3

Chloromethane

Concen: 86.798 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

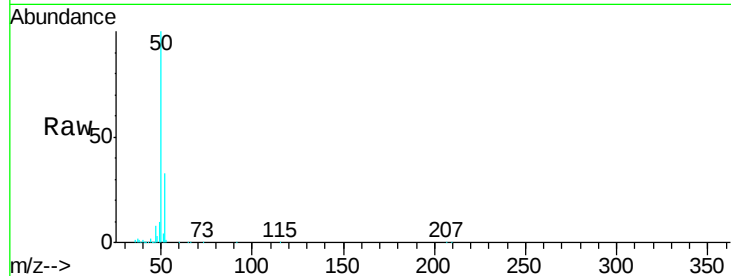
VSTDIC100

Tgt Ion: 50 Resp: 405250

Ion Ratio Lower Upper

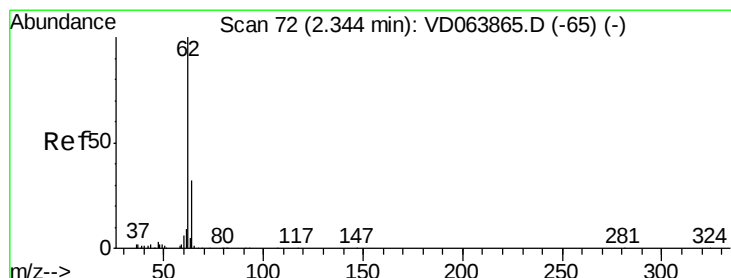
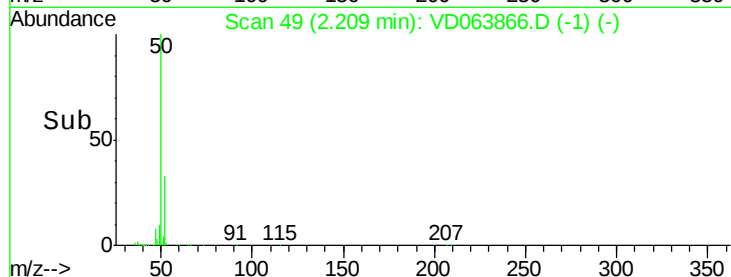
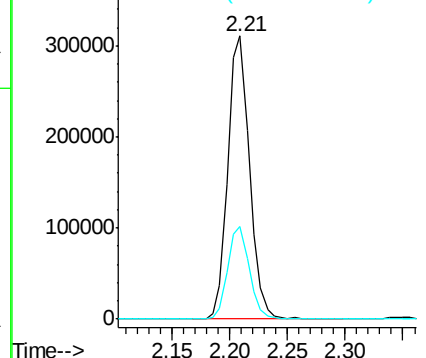
50 100

52 32.7 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: 95.217 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.00 min

Lab File: VD063866.D

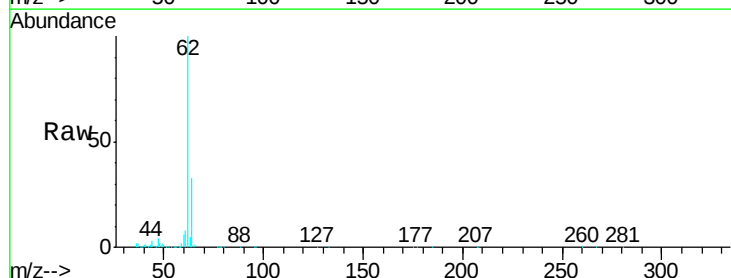
Acq: 02 Oct 2019 18:12

Tgt Ion: 62 Resp: 454827

Ion Ratio Lower Upper

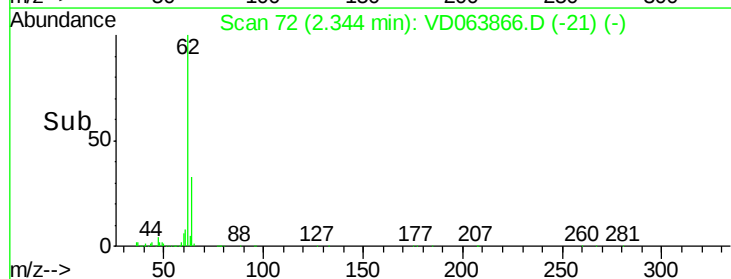
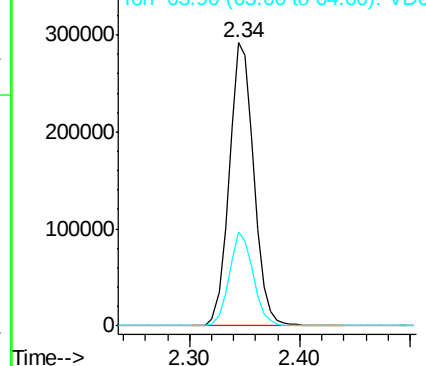
62 100

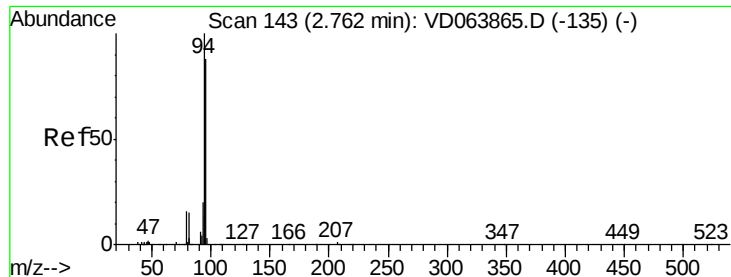
64 33.1 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 108.152 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

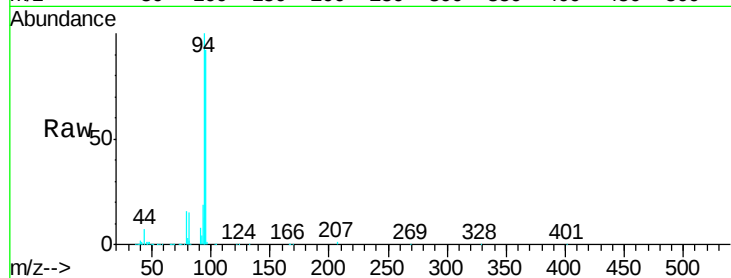
VSTDIC100

Tgt Ion: 94 Resp: 305430

Ion Ratio Lower Upper

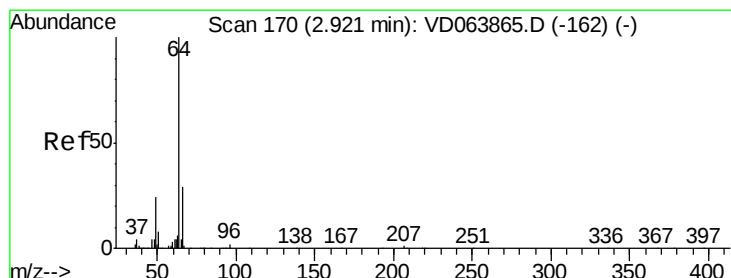
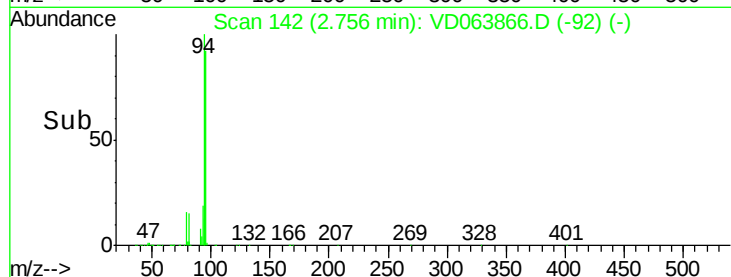
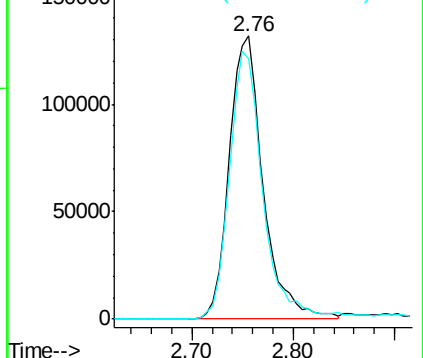
94 100

96 91.9 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: 91.308 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD063866.D

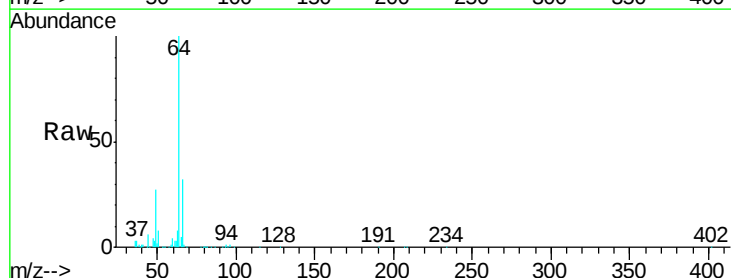
Acq: 02 Oct 2019 18:12

Tgt Ion: 64 Resp: 299521

Ion Ratio Lower Upper

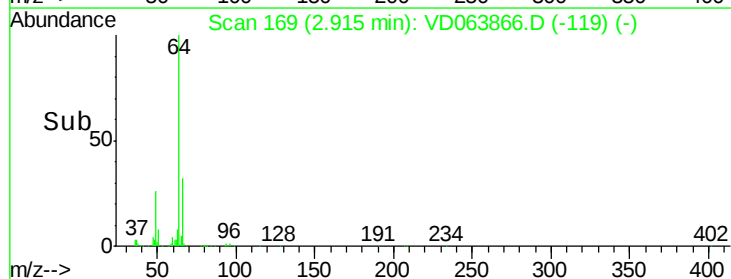
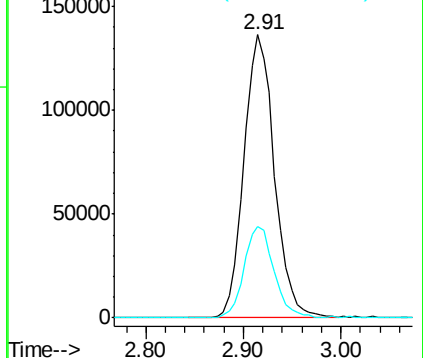
64 100

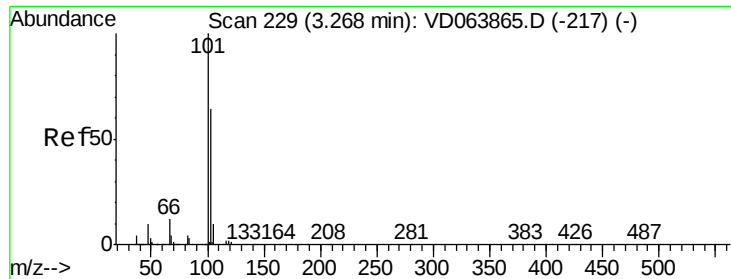
66 32.4 23.0 34.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



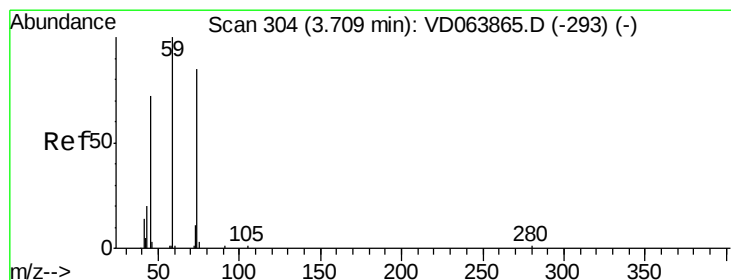
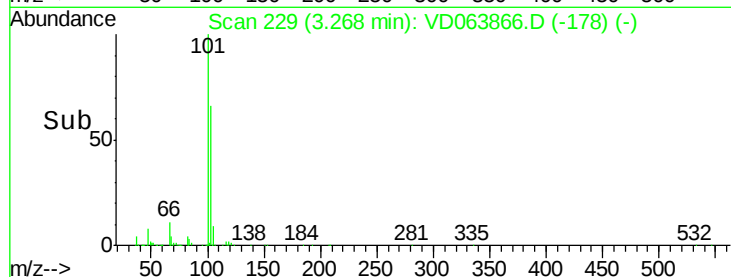
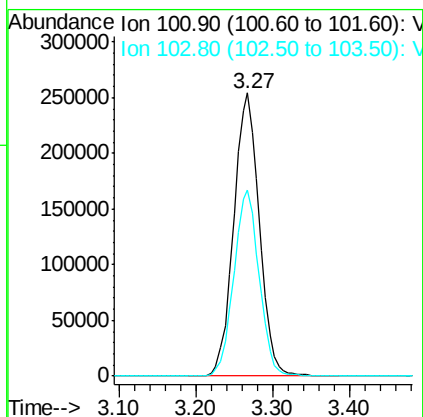
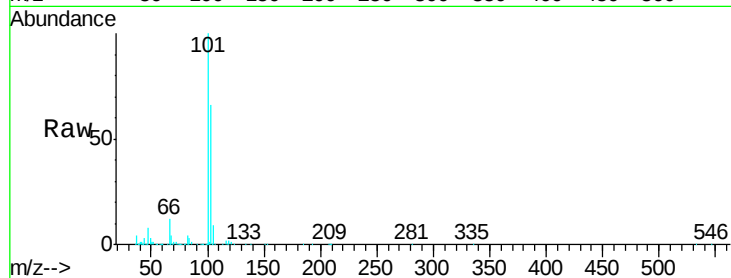


#7

Trichlorofluoromethane
Concen: 92.582 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.00 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Instrument :
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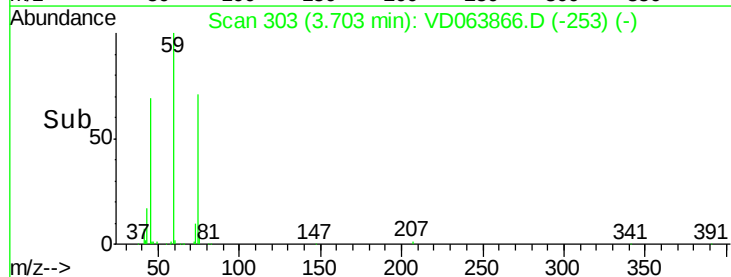
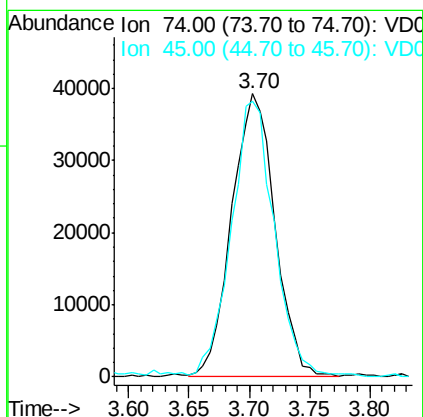
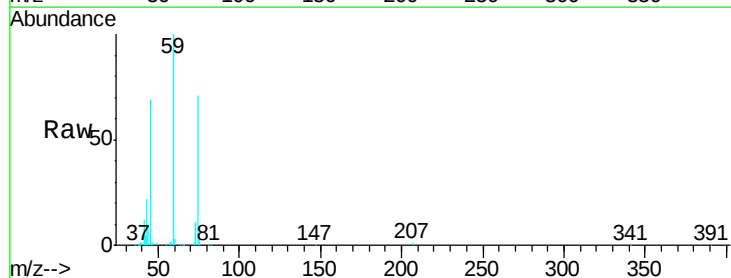
Tgt Ion: 101 Resp: 591027
Ion Ratio Lower Upper
101 100
103 65.7 51.1 76.7

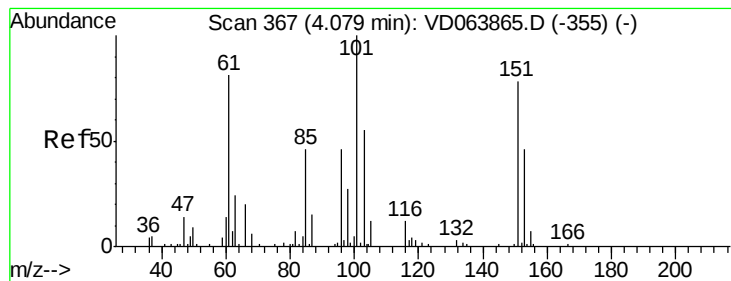


#8

Diethyl Ether
Concen: 92.740 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Tgt Ion: 74 Resp: 97965
Ion Ratio Lower Upper
74 100
45 97.5 48.1 144.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 89.038 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.01 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

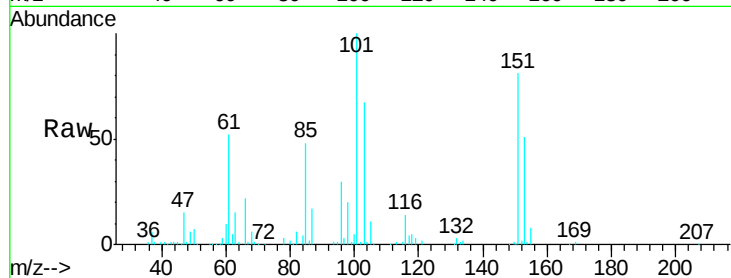
Tgt Ion:101 Resp: 166137

Ion Ratio Lower Upper

101 100

85 45.7 37.5 56.3

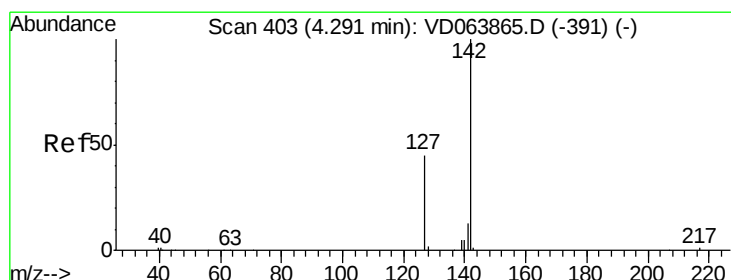
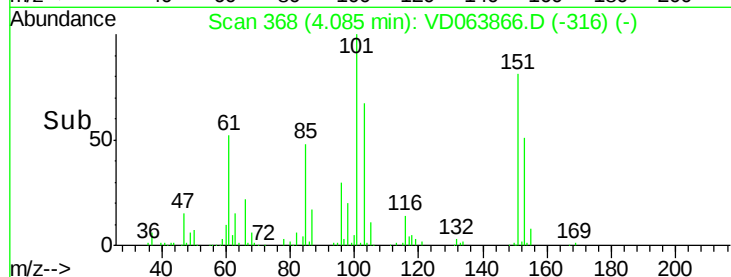
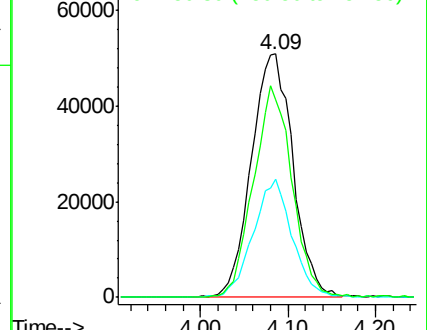
151 81.0 65.5 98.3



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: 116.992 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

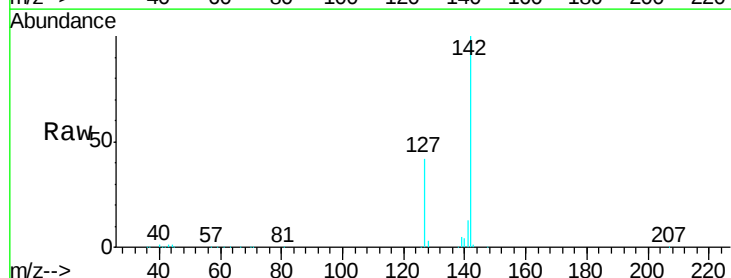
Tgt Ion:142 Resp: 265786

Ion Ratio Lower Upper

142 100

127 43.1 35.3 52.9

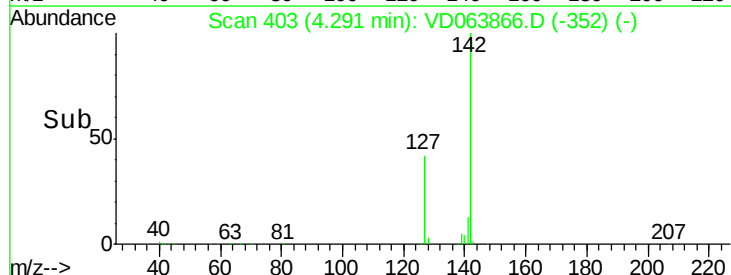
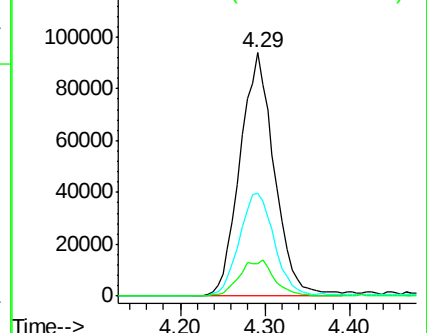
141 15.0 12.2 18.2

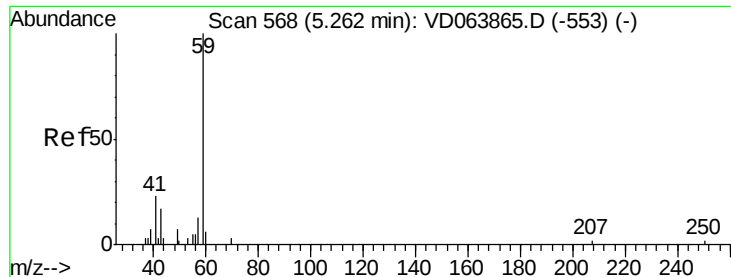


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

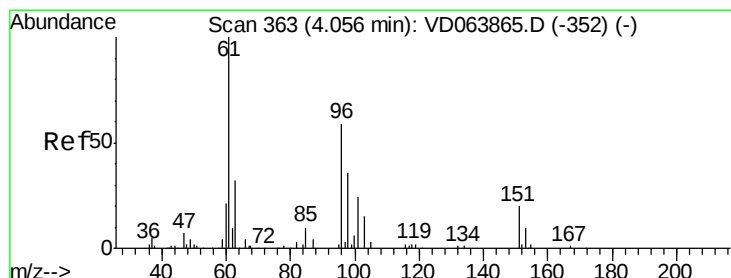
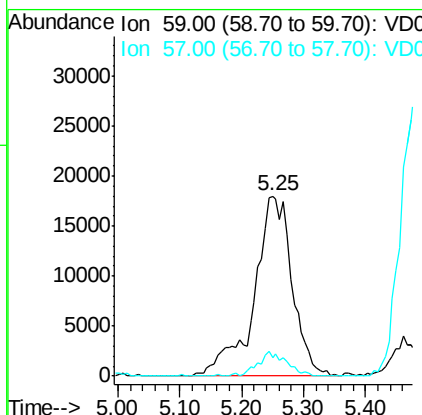
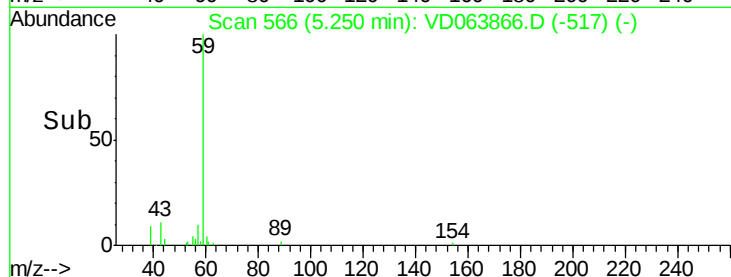
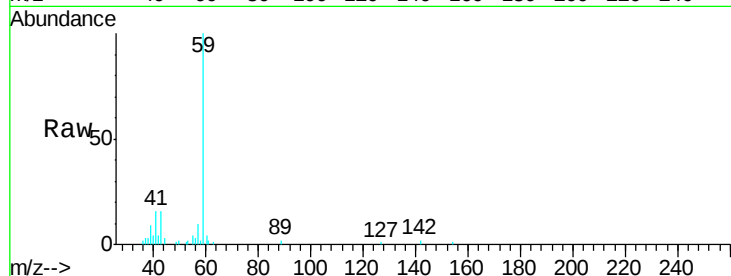




#11
Tert butyl alcohol
Concen: 467.026 ug/l
RT: 5.25 min Scan# 566
Delta R.T. -0.01 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

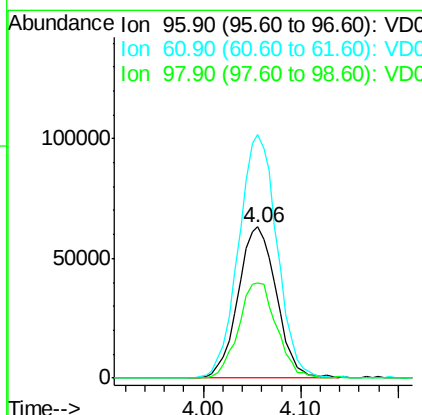
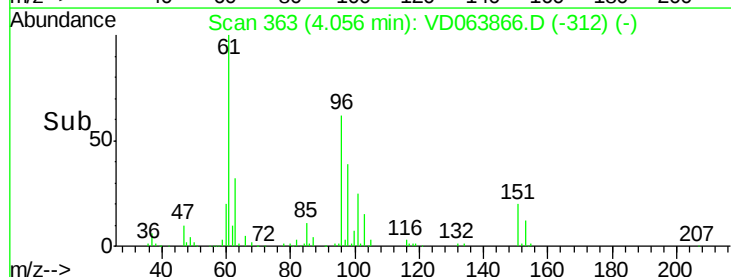
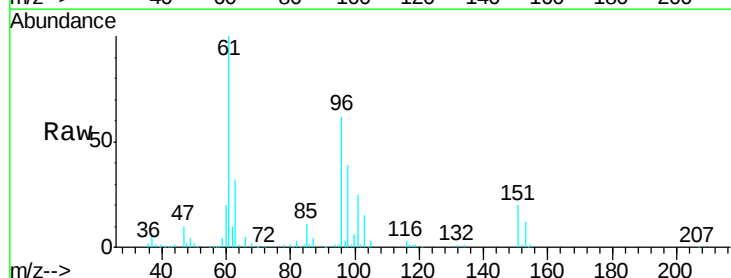
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

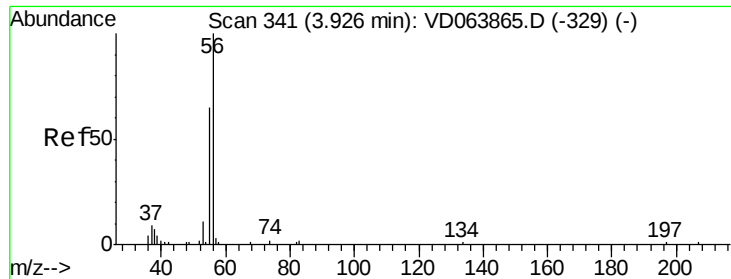
Tgt Ion: 59 Resp: 76937
Ion Ratio Lower Upper
59 100
57 10.1 8.8 13.2



#12
1,1-Dichloroethene
Concen: 91.859 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.00 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Tgt Ion: 96 Resp: 173647
Ion Ratio Lower Upper
96 100
61 160.9 135.6 203.4
98 63.1 49.2 73.8





#13

Acrolein

Concen: 439.702 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

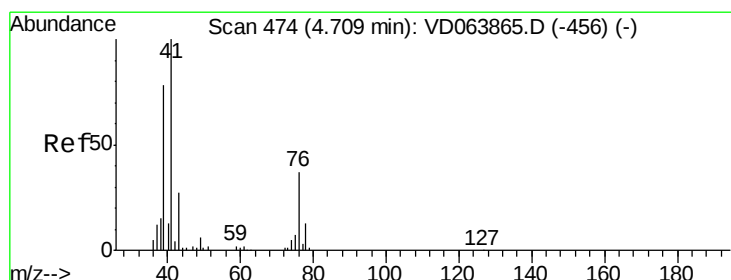
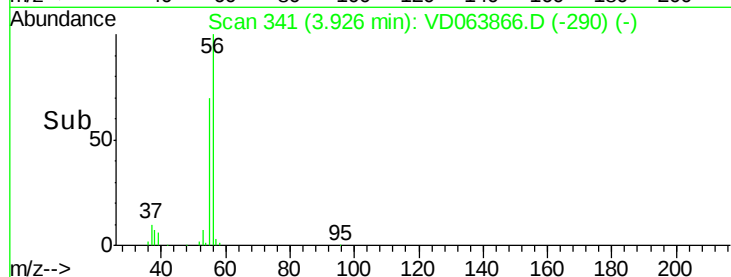
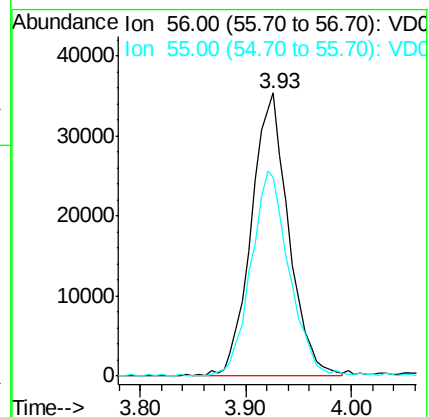
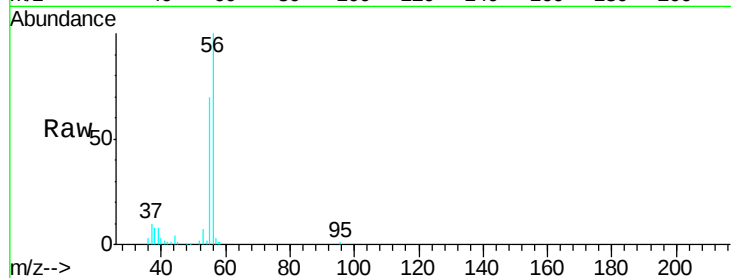
VSTDIC100

Tgt Ion: 56 Resp: 87041

Ion Ratio Lower Upper

56 100

55 74.1 53.0 79.6



#14

Allyl chloride

Concen: 91.247 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

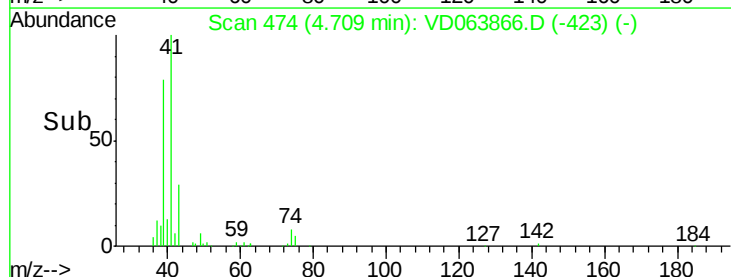
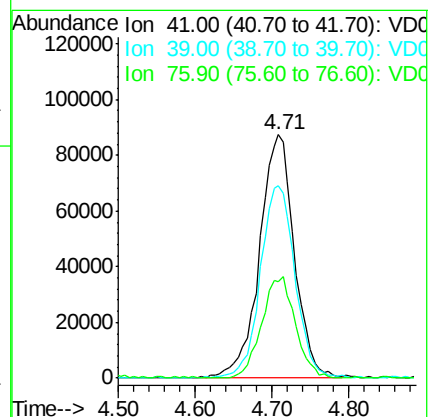
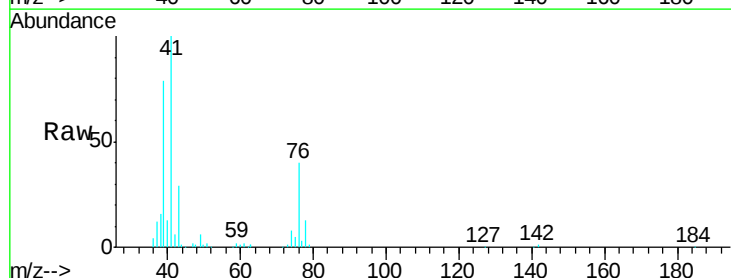
Tgt Ion: 41 Resp: 275556

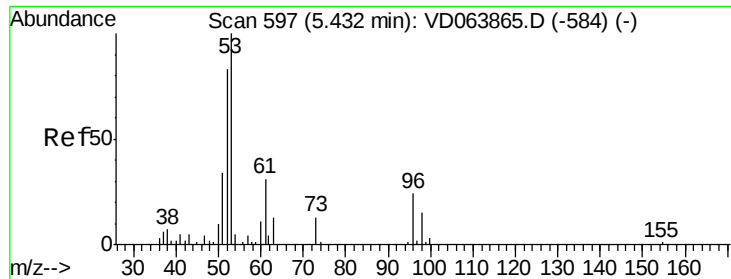
Ion Ratio Lower Upper

41 100

39 78.7 61.8 92.6

76 40.3 31.3 46.9





#15

Acrylonitrile

Concen: 494.976 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

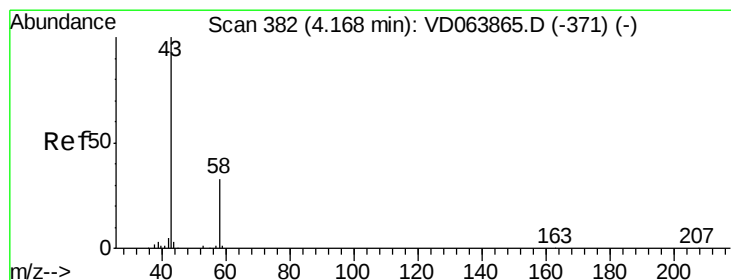
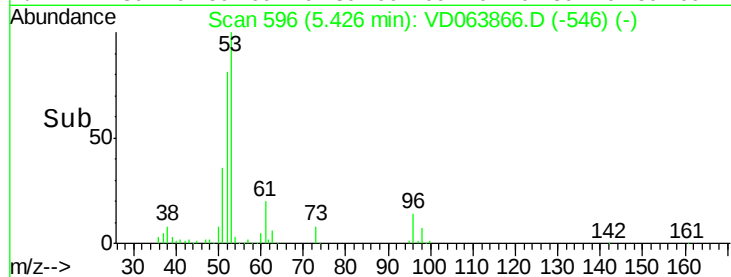
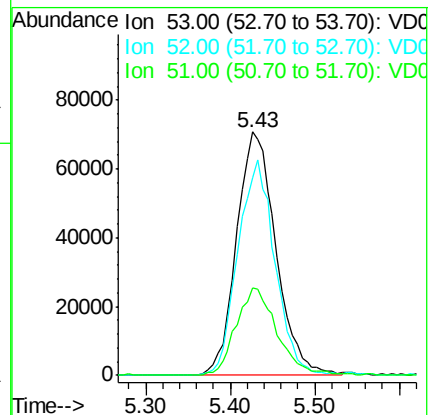
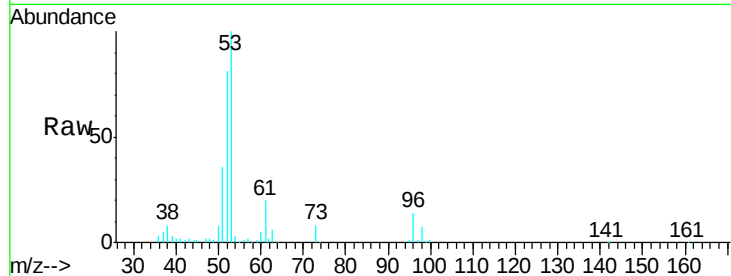
Tgt Ion: 53 Resp: 227980

Ion Ratio Lower Upper

53 100

52 83.5 67.3 100.9

51 37.3 30.5 45.7



#16

Acetone

Concen: 569.383 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD063866.D

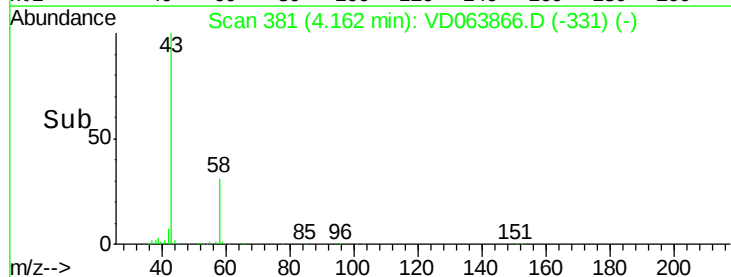
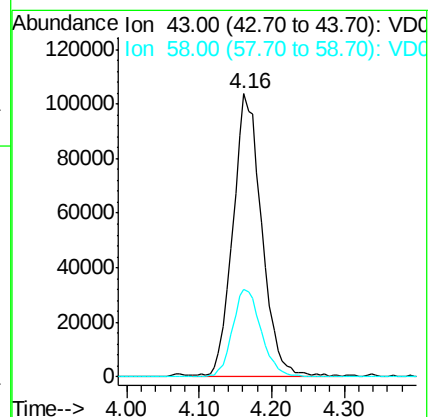
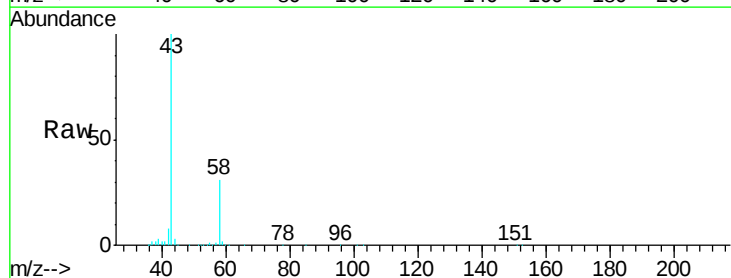
Acq: 02 Oct 2019 18:12

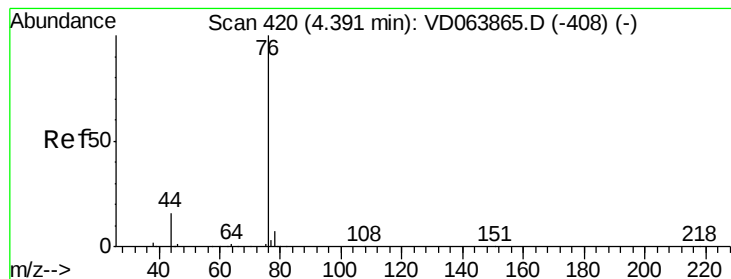
Tgt Ion: 43 Resp: 283366

Ion Ratio Lower Upper

43 100

58 31.0 26.2 39.4





#17

Carbon Disulfide

Concen: 99.208 ug/l

RT: 4.40 min Scan# 421

Delta R.T. 0.01 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

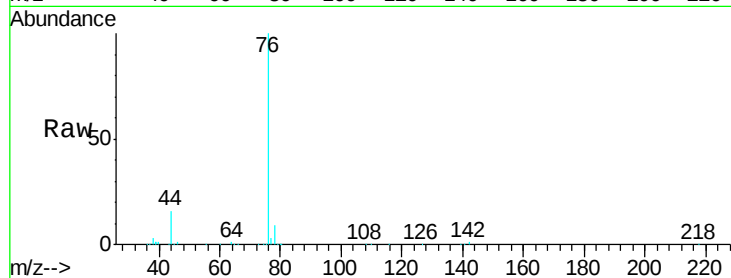
VSTDIC100

Tgt Ion: 76 Resp: 639313

Ion Ratio Lower Upper

76 100

78 9.3 5.8 8.8#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

250000

200000

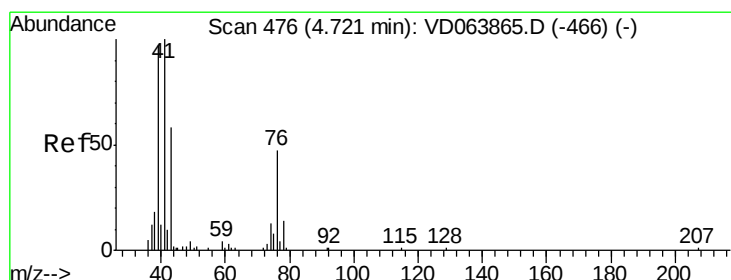
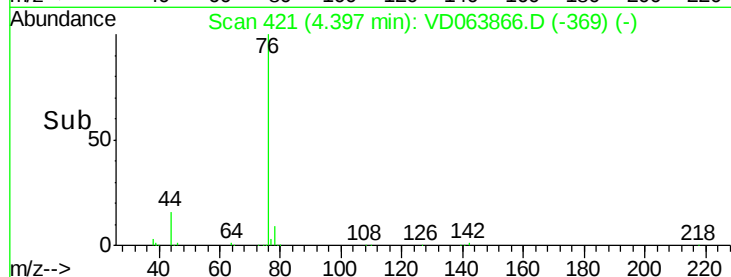
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 85.023 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.01 min

Lab File: VD063866.D

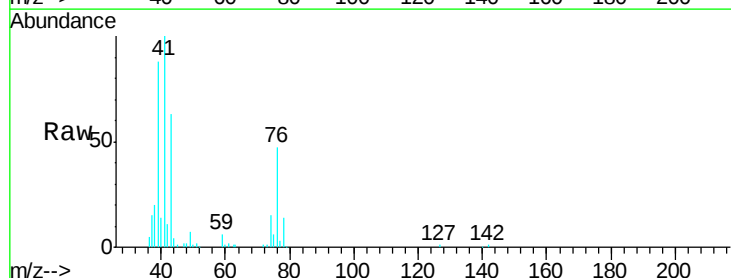
Acq: 02 Oct 2019 18:12

Tgt Ion: 43 Resp: 98387

Ion Ratio Lower Upper

43 100

74 26.5 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.73

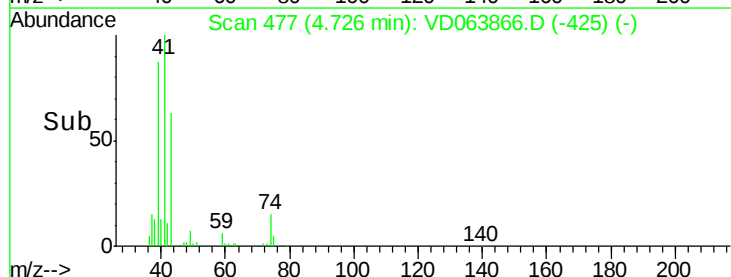
30000

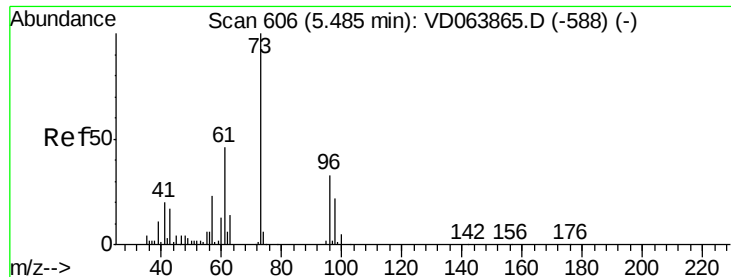
20000

10000

0

Time-->

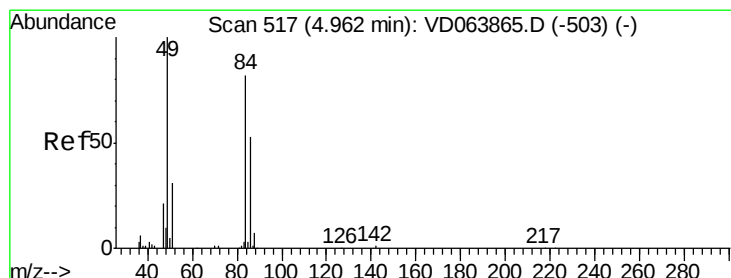
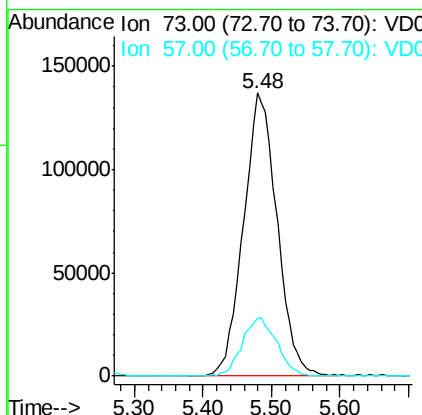
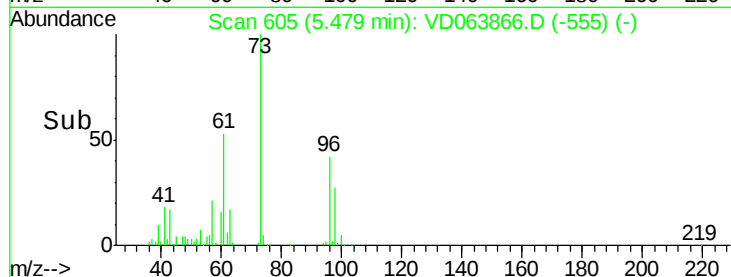
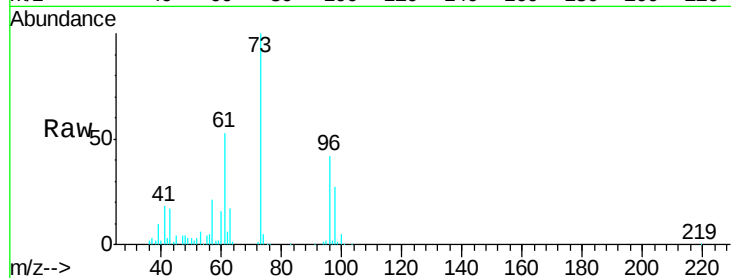




#19
Methyl tert-butyl Ether
Concen: 98.312 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.01 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

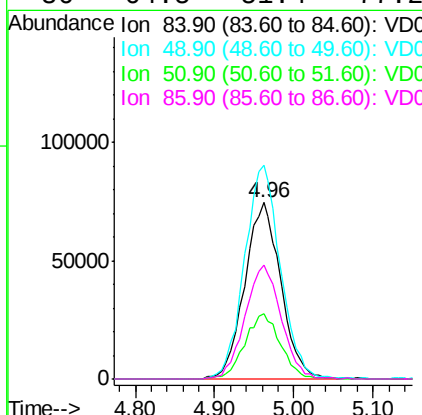
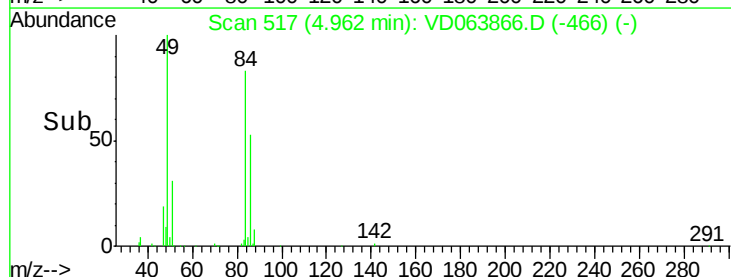
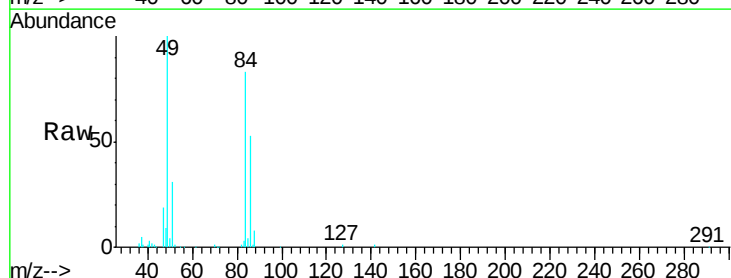
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

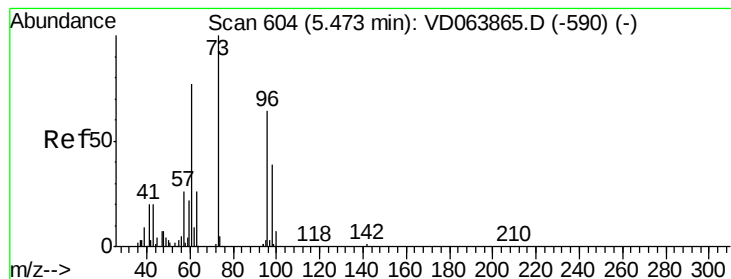
Tgt Ion: 73 Resp: 467852
Ion Ratio Lower Upper
73 100
57 20.6 18.1 27.1



#20
Methylene Chloride
Concen: 83.288 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.00 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Tgt Ion: 84 Resp: 236390
Ion Ratio Lower Upper
84 100
49 121.1 97.3 145.9
51 37.0 30.1 45.1
86 64.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 99.108 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

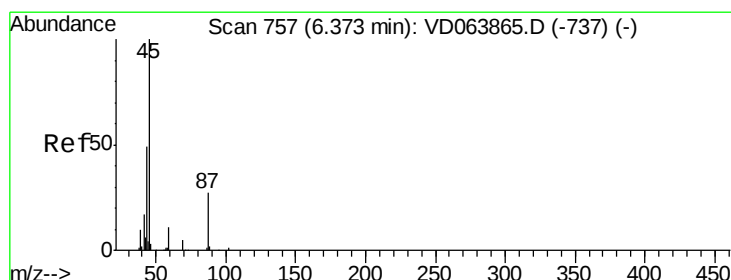
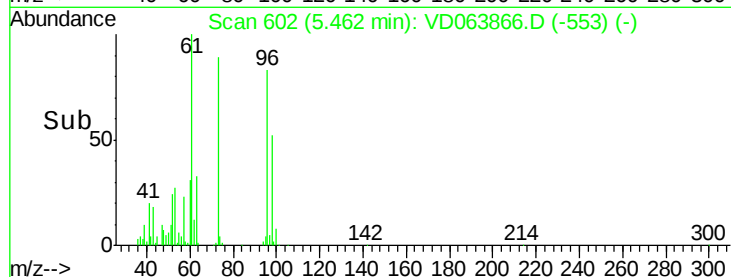
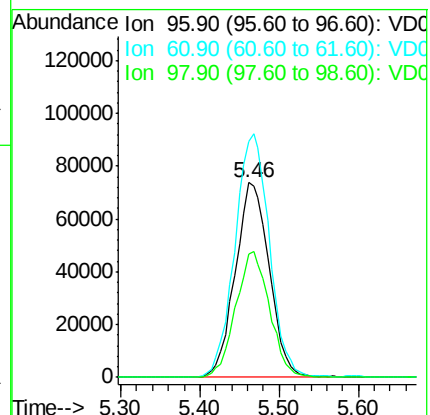
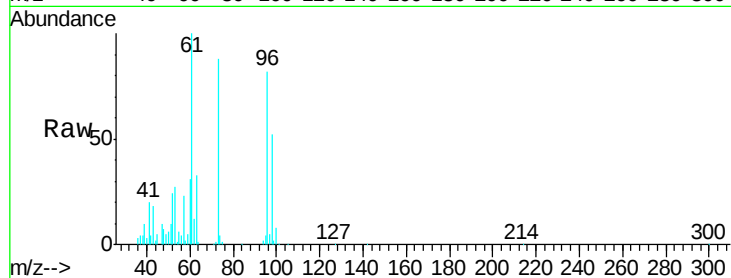
Tgt Ion: 96 Resp: 219985

Ion Ratio Lower Upper

96 100

61 121.3 96.6 145.0

98 63.5 48.7 73.1



#22

Diisopropyl ether

Concen: 92.799 ug/l

RT: 6.37 min Scan# 757

Delta R.T. -0.00 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

Tgt Ion: 45 Resp: 574911

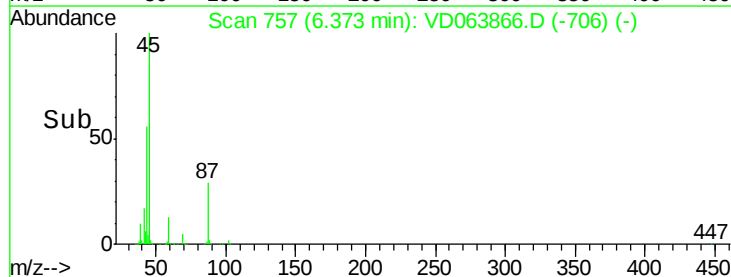
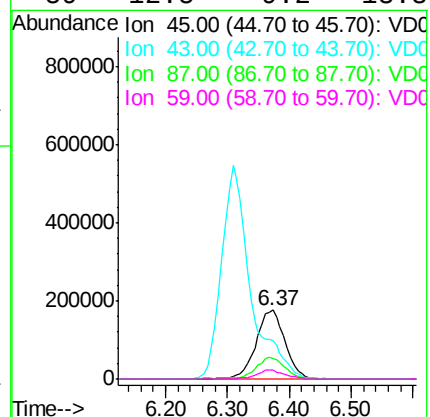
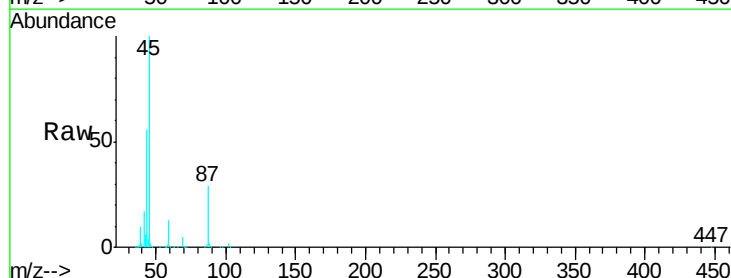
Ion Ratio Lower Upper

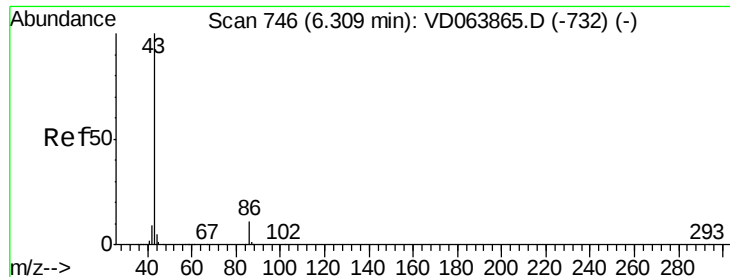
45 100

43 55.3 41.2 61.8

87 29.4 22.2 33.4

59 12.5 9.2 13.8





#23

Vinyl Acetate

Concen: 484.809 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

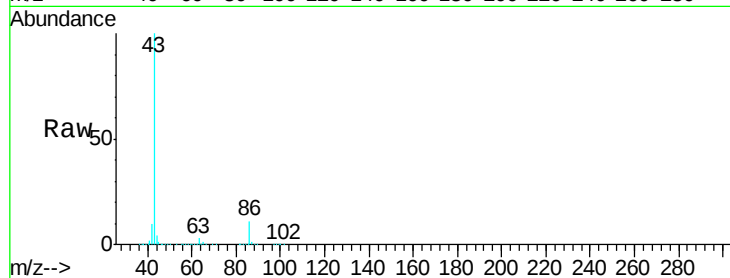
VSTDIC100

Tgt Ion: 43 Resp: 1786567

Ion Ratio Lower Upper

43 100

86 11.0 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

600000

500000

400000

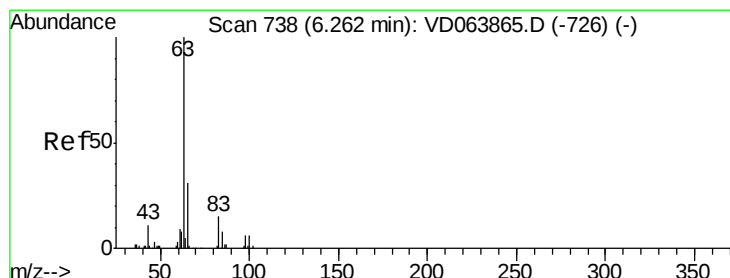
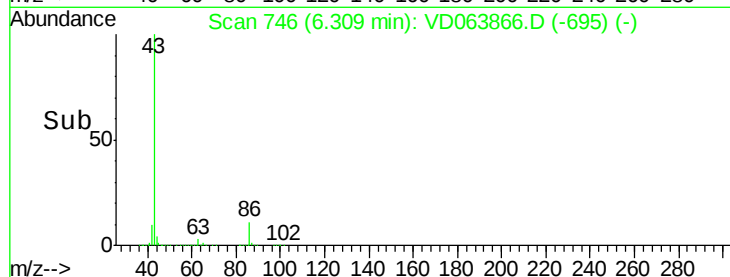
300000

200000

100000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 97.189 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

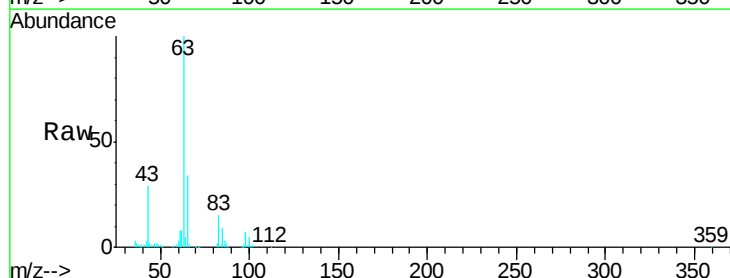
Tgt Ion: 63 Resp: 367603

Ion Ratio Lower Upper

63 100

98 7.2 3.1 9.4

100 5.0 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

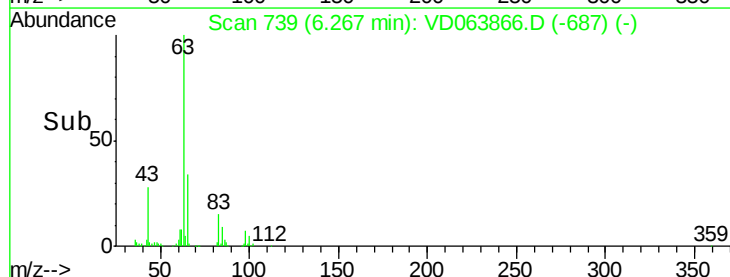
150000

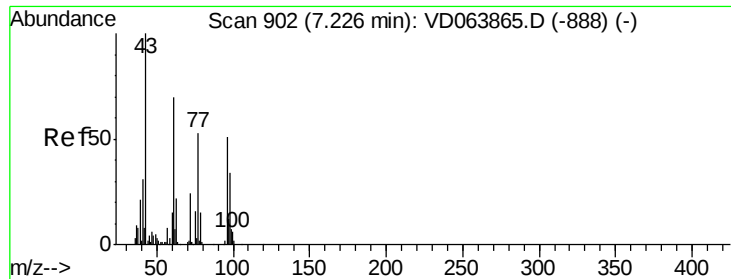
100000

50000

0

Time--> 6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 523.932 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

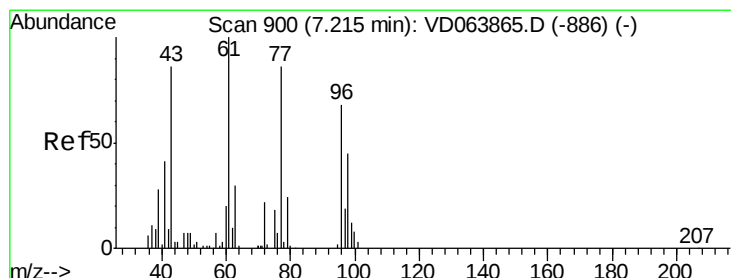
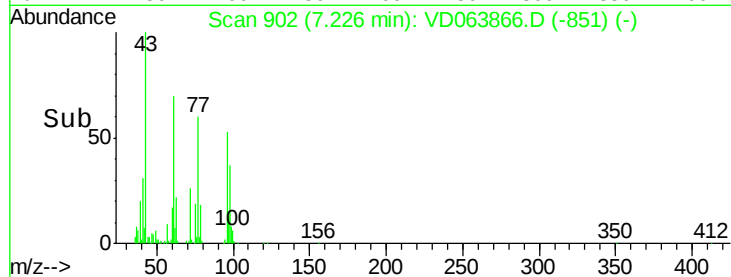
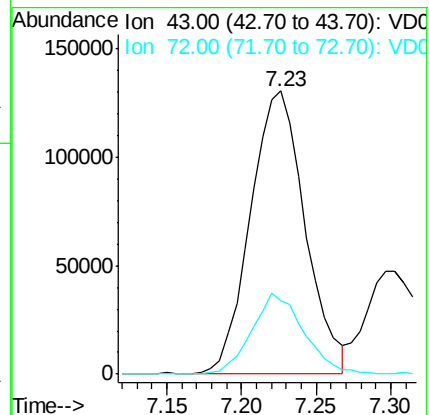
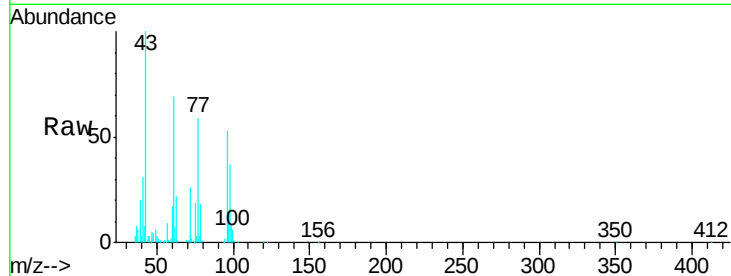
VSTDIC100

Tgt Ion: 43 Resp: 331060

Ion Ratio Lower Upper

43 100

72 25.9 19.2 28.8



#26

2,2-Dichloropropane

Concen: 92.730 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD063866.D

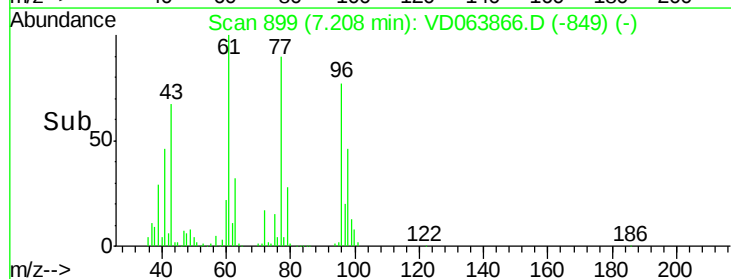
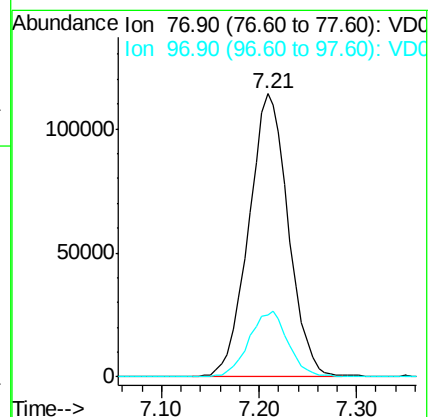
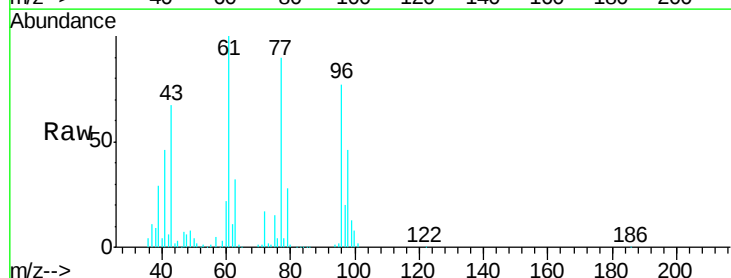
Acq: 02 Oct 2019 18:12

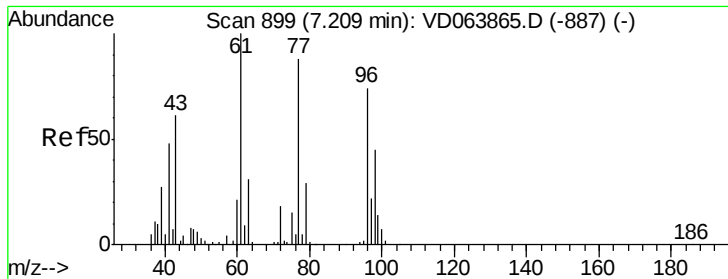
Tgt Ion: 77 Resp: 324414

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.1



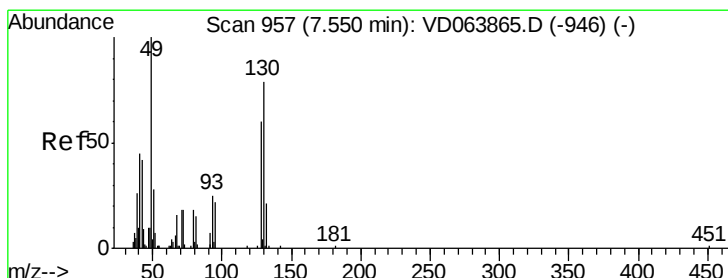
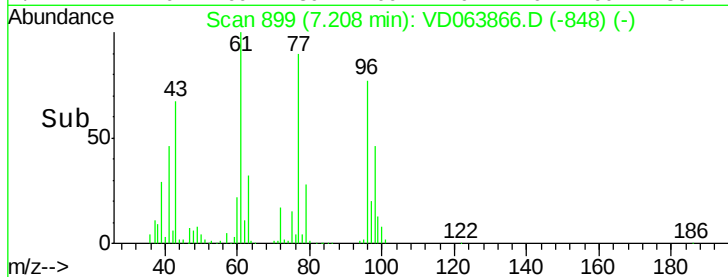
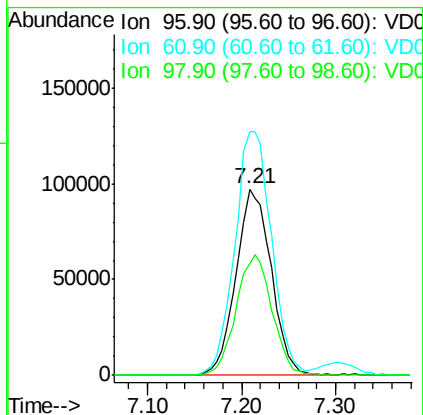
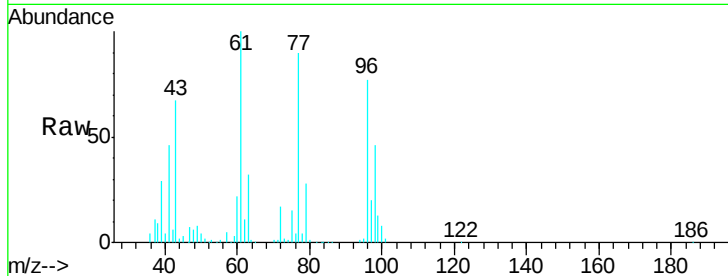


#27

cis-1,2-Dichloroethene
Concen: 102.110 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

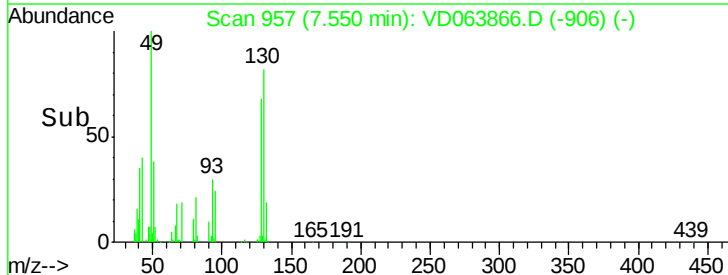
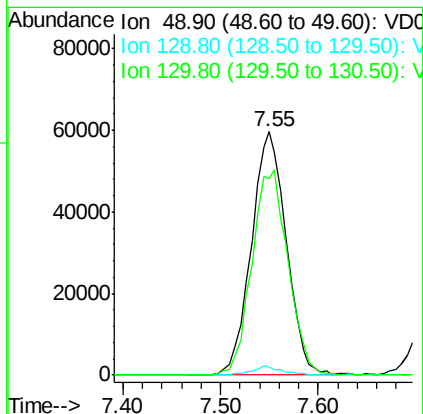
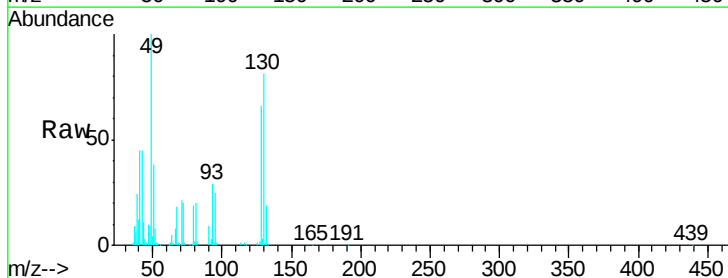
Tgt Ion: 96 Resp: 253024
Ion Ratio Lower Upper
96 100
61 136.2 0.0 280.0
98 66.0 0.0 130.4

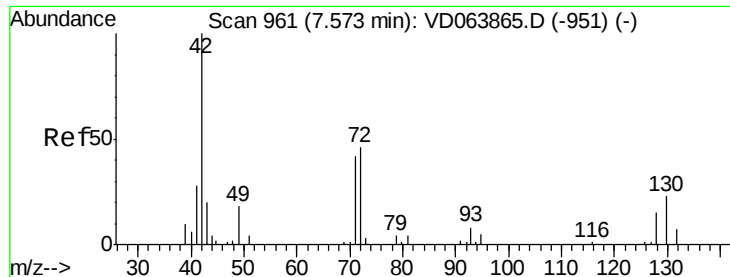


#28

Bromochloromethane
Concen: 102.800 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Tgt Ion: 49 Resp: 149532
Ion Ratio Lower Upper
49 100
129 3.1 0.0 5.6
130 87.3 66.8 100.2

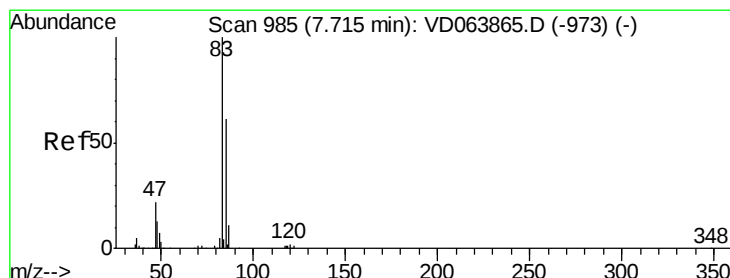
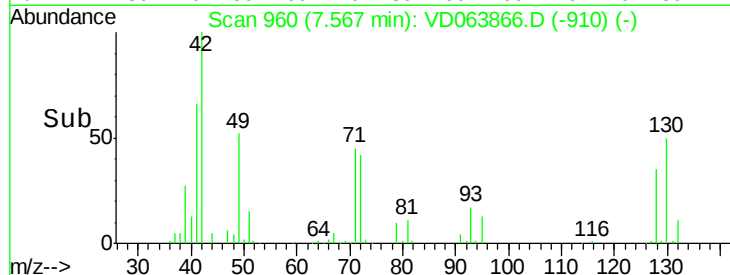
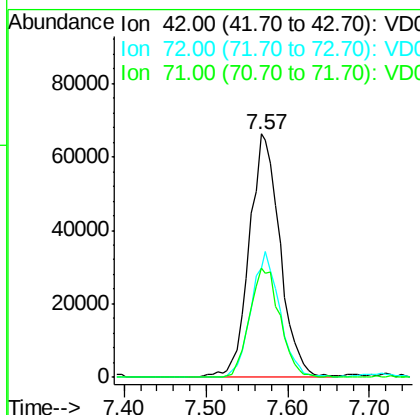
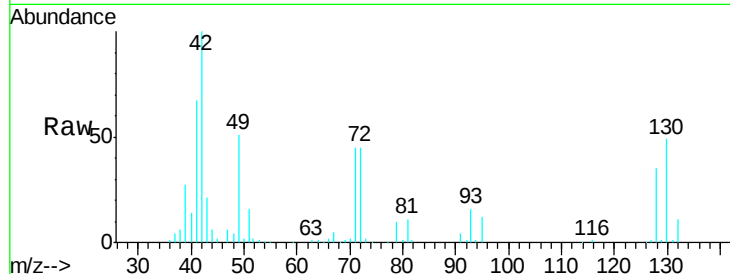




#29
Tetrahydrofuran
Concen: 469.768 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

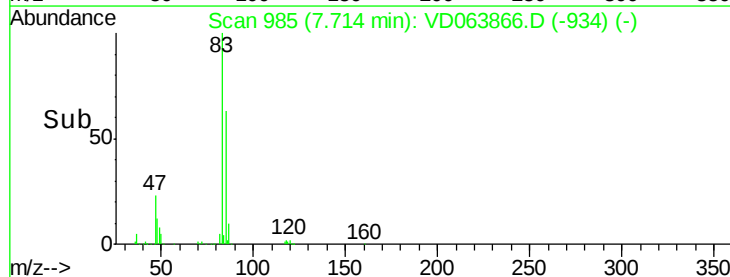
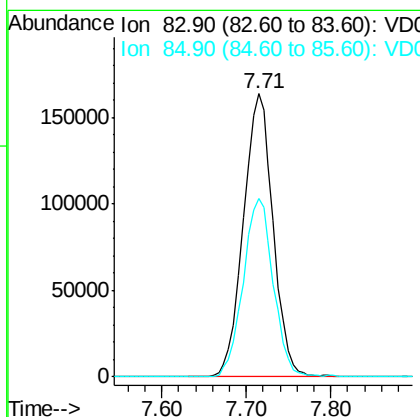
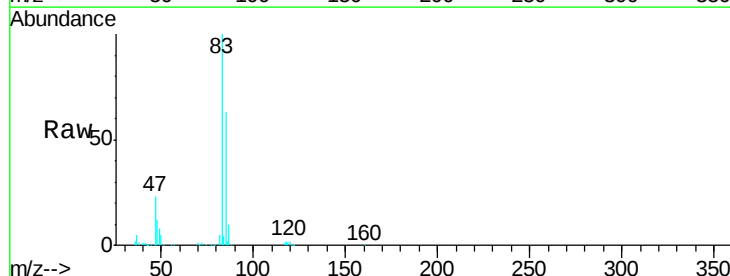
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

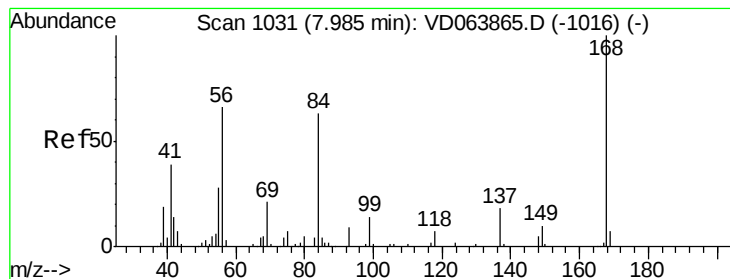
Tgt Ion: 42 Resp: 173443
Ion Ratio Lower Upper
42 100
72 47.9 37.6 56.4
71 44.5 35.0 52.6



#30
Chloroform
Concen: 97.581 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Tgt Ion: 83 Resp: 398825
Ion Ratio Lower Upper
83 100
85 63.1 48.9 73.3





#31

Cyclohexane

Concen: 84.281 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

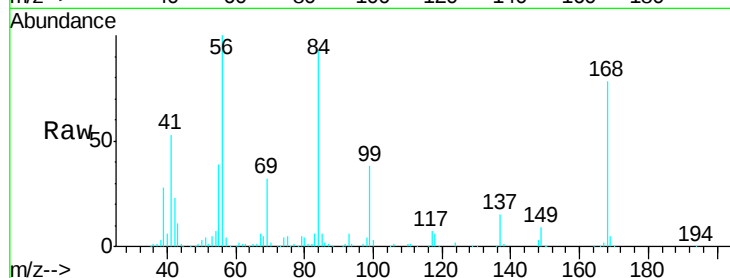
Tgt Ion: 56 Resp: 312905

Ion Ratio Lower Upper

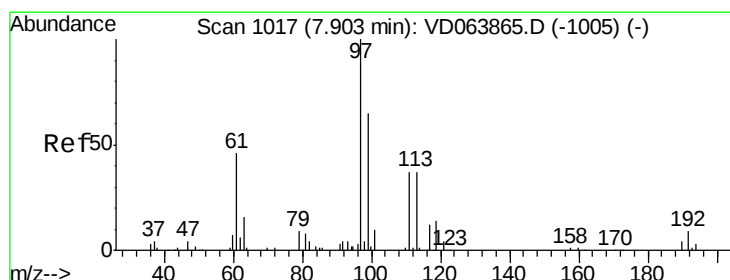
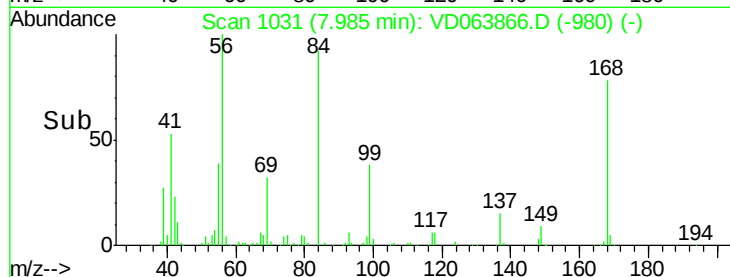
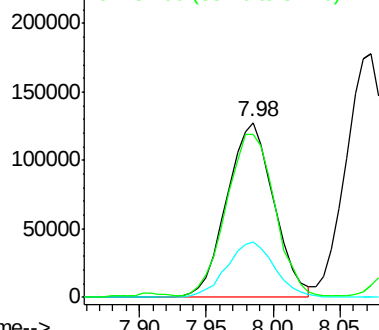
56 100

69 31.1 25.0 37.4

84 91.2 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: 94.322 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

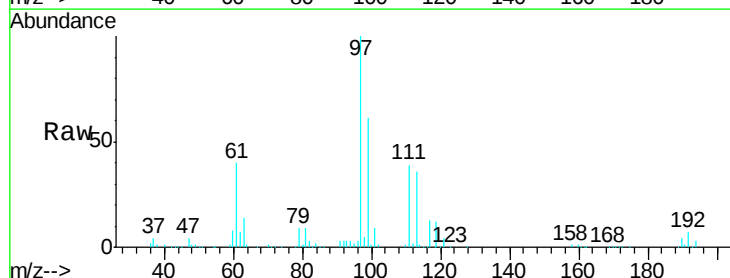
Tgt Ion: 97 Resp: 347611

Ion Ratio Lower Upper

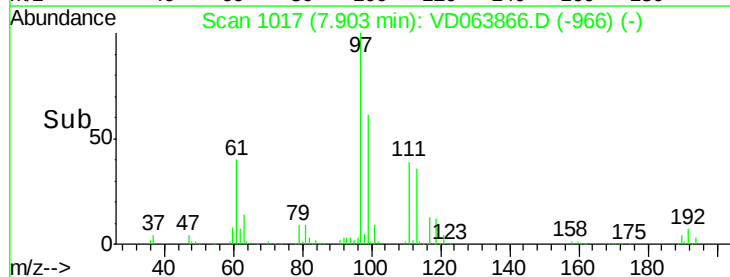
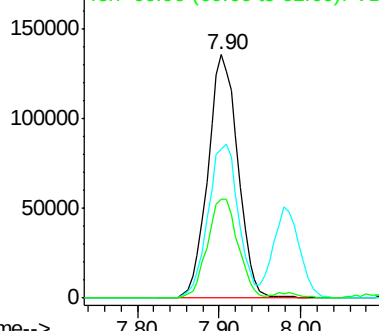
97 100

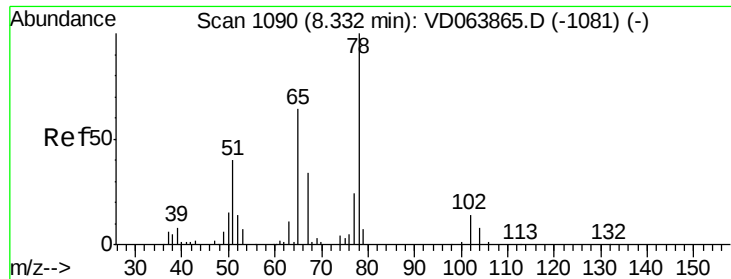
99 63.7 52.4 78.6

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

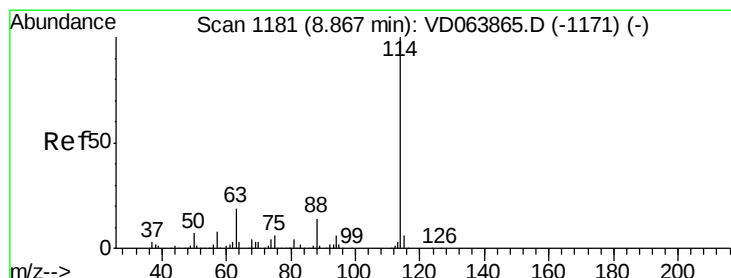
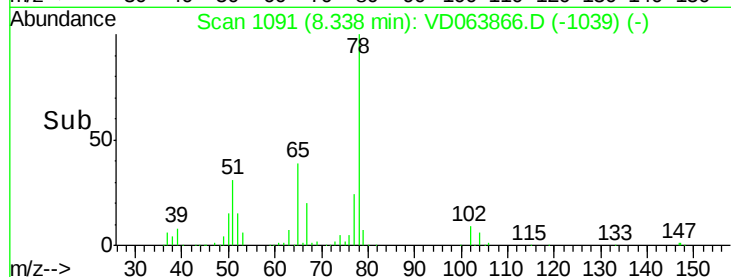
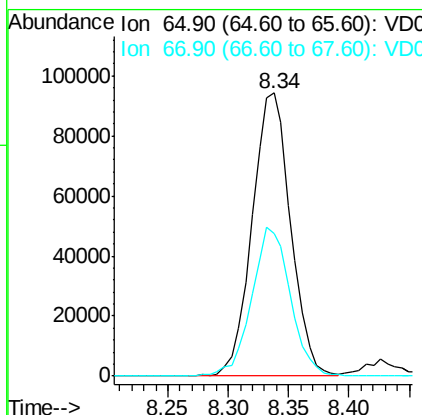
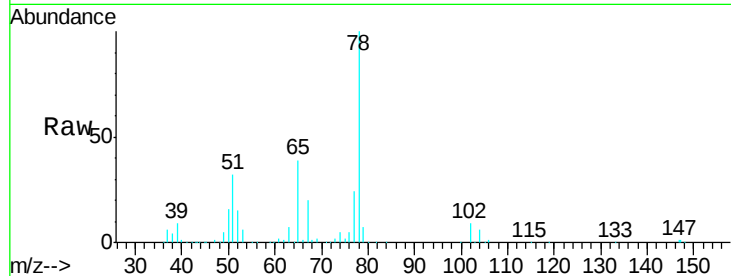




#33
 1,2-Dichloroethane-d4
 Concen: 99.753 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD063866.D
 Acq: 02 Oct 2019 18:12

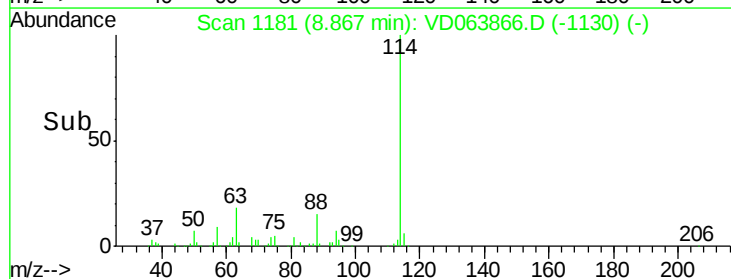
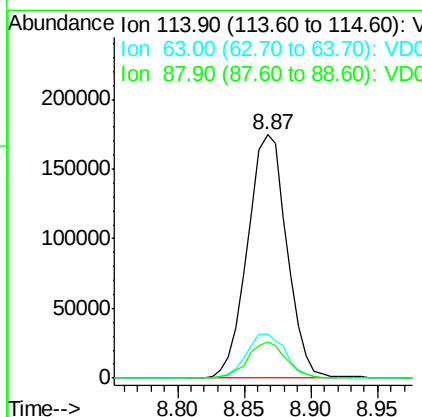
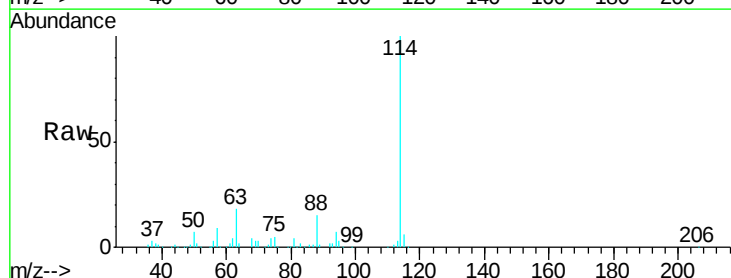
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

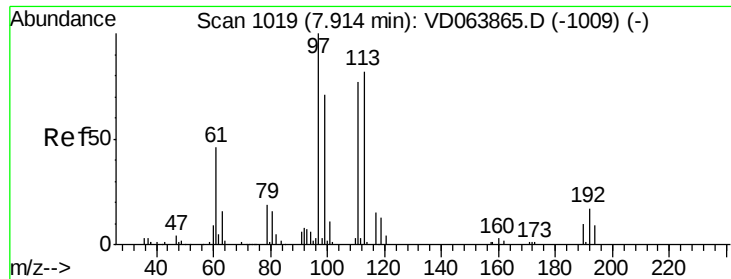
Tgt Ion: 65 Resp: 209352
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD063866.D
 Acq: 02 Oct 2019 18:12

Tgt Ion: 114 Resp: 355680
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 38.4
 88 15.0 0.0 27.4

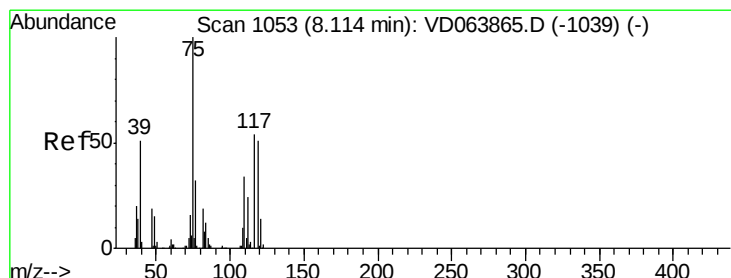
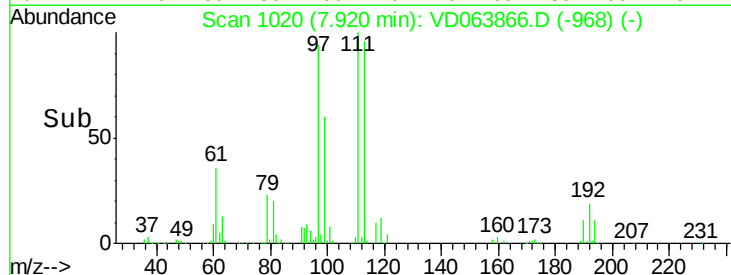
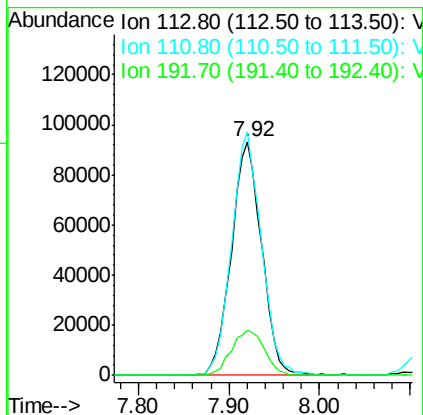
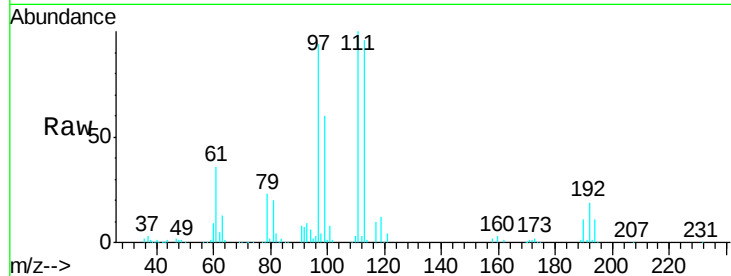




#35
 Dibromofluoromethane
 Concen: 96.617 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD063866.D
 Acq: 02 Oct 2019 18:12

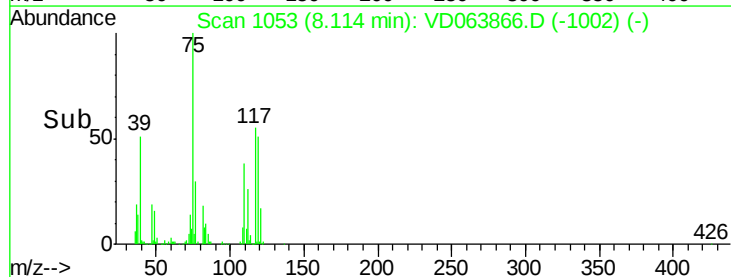
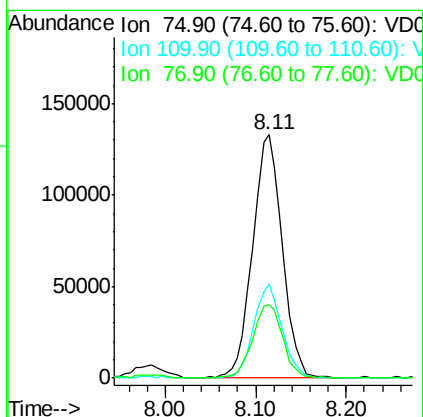
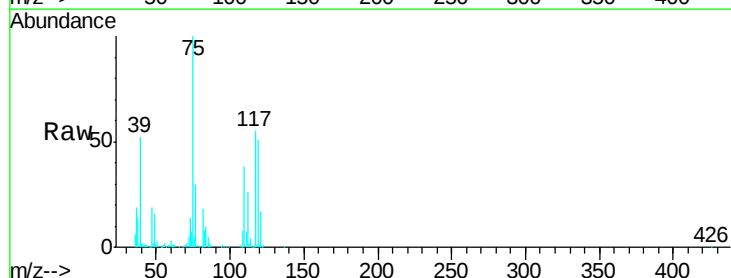
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

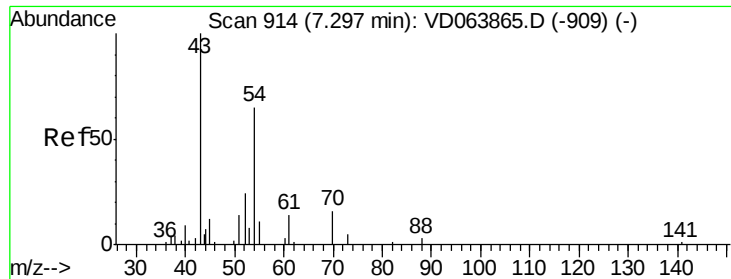
Tgt Ion: 113 Resp: 216121
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.6 123.8
 192 21.1 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 94.225 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD063866.D
 Acq: 02 Oct 2019 18:12

Tgt Ion: 75 Resp: 303095
 Ion Ratio Lower Upper
 75 100
 110 36.7 17.4 52.3
 77 30.8 25.4 38.0

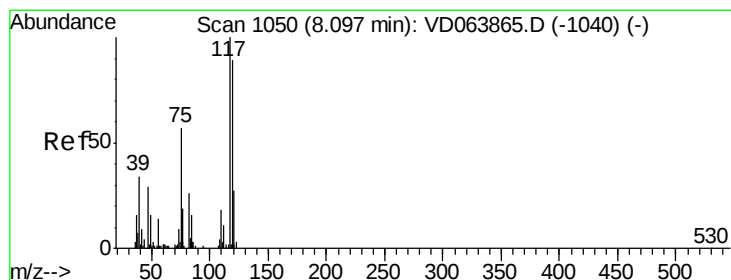
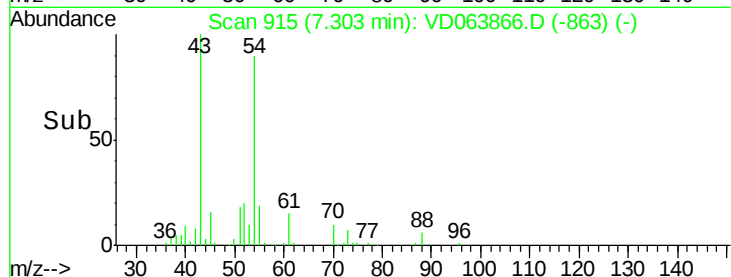
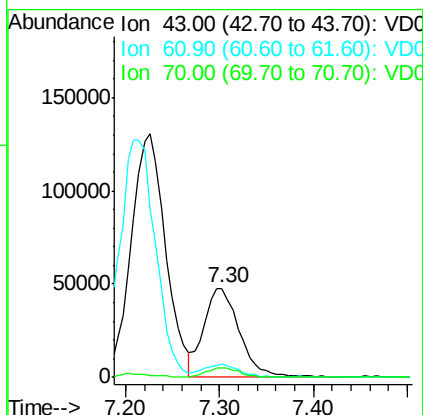
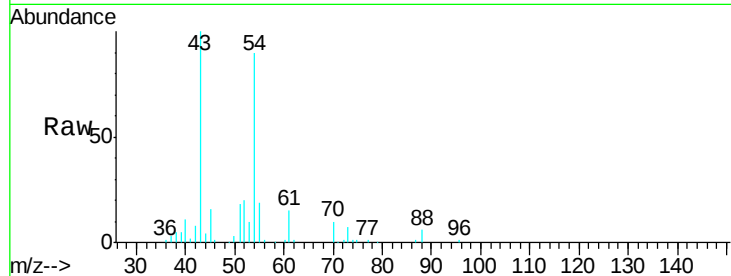




#37
Ethyl Acetate
Concen: 91.504 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

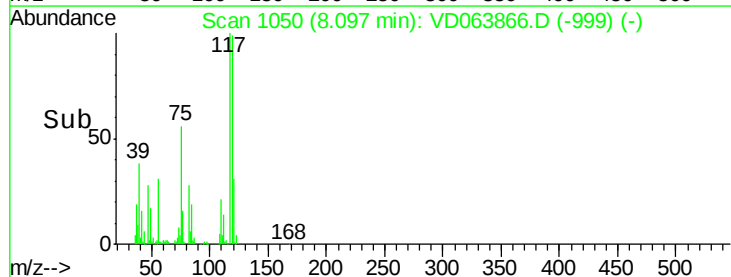
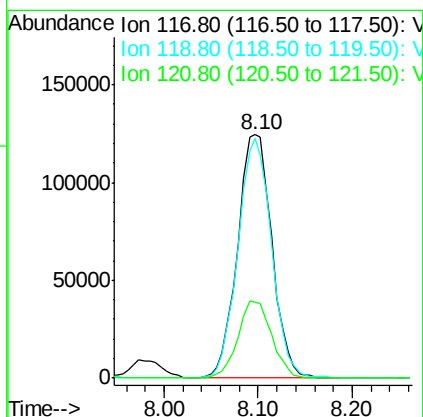
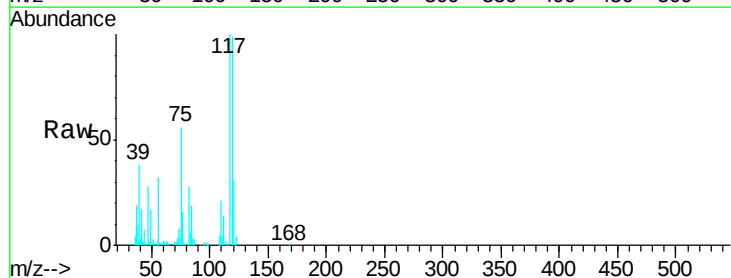
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

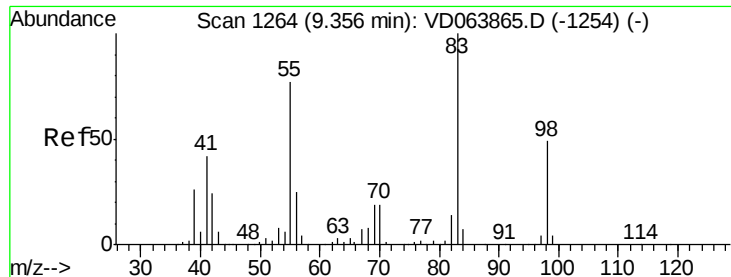
Tgt Ion: 43 Resp: 125638
Ion Ratio Lower Upper
43 100
61 14.6 11.5 17.3
70 10.3 8.2 12.4



#38
Carbon Tetrachloride
Concen: 94.536 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Tgt Ion: 117 Resp: 314325
Ion Ratio Lower Upper
117 100
119 98.7 70.8 106.2
121 31.2 21.4 32.0

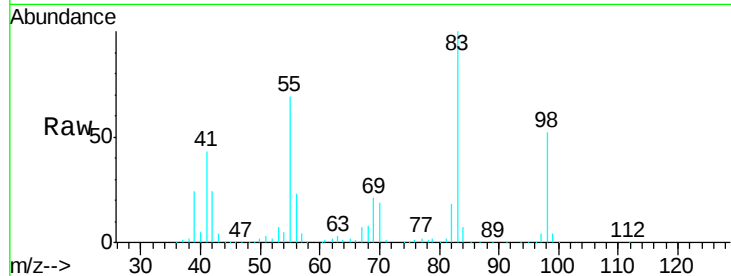




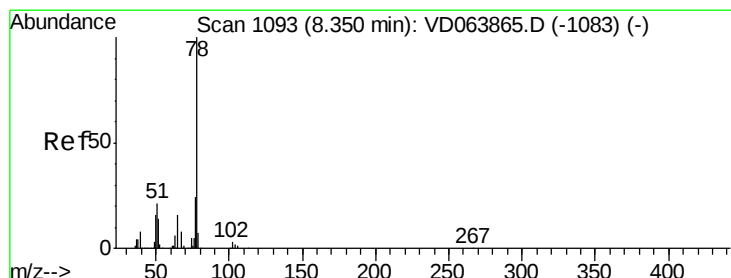
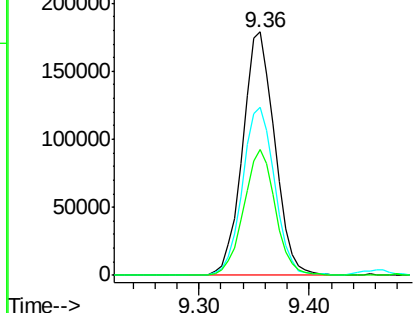
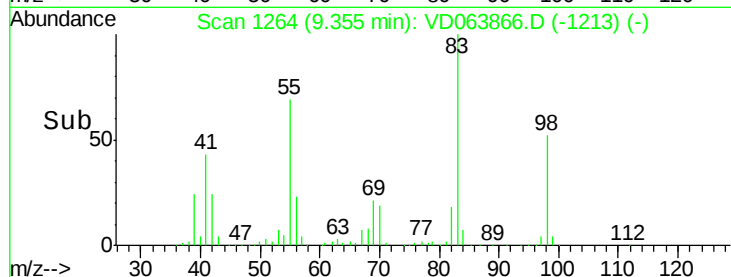
#39
Methylcyclohexane
Concen: 91.577 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 365781
Ion Ratio Lower Upper
83 100
55 69.0 61.3 91.9
98 51.9 39.3 58.9

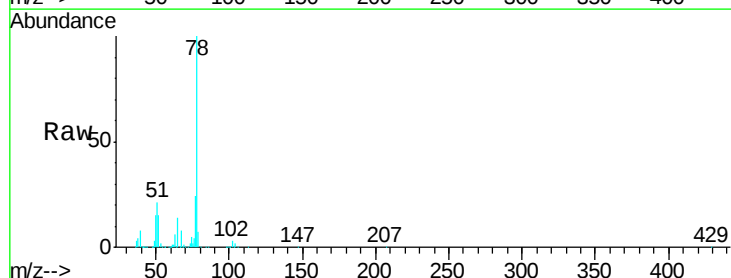


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

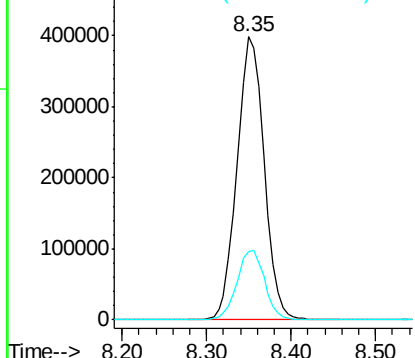
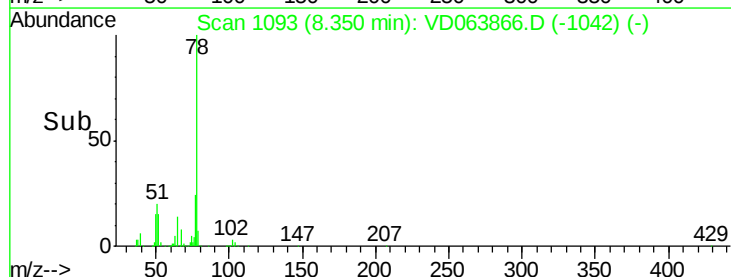


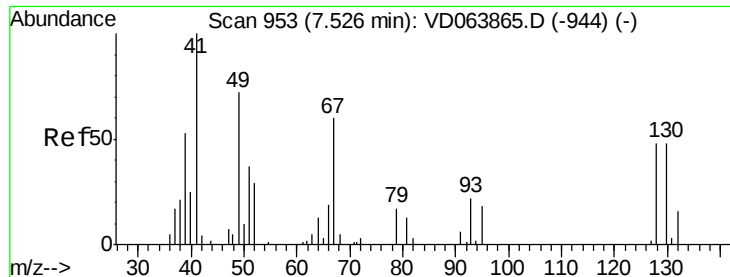
#40
Benzene
Concen: 99.383 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Tgt Ion: 78 Resp: 886372
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6



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

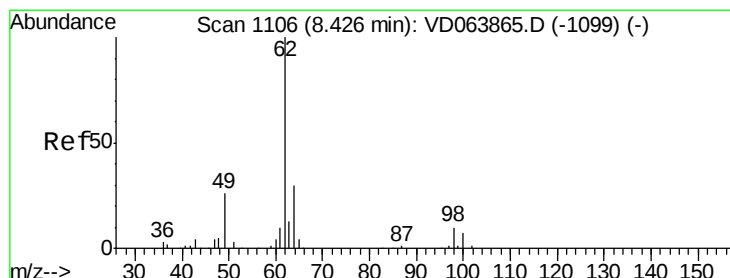
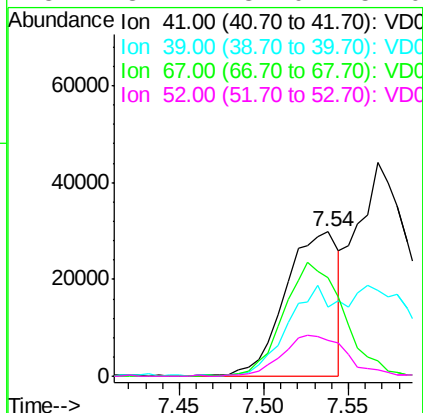
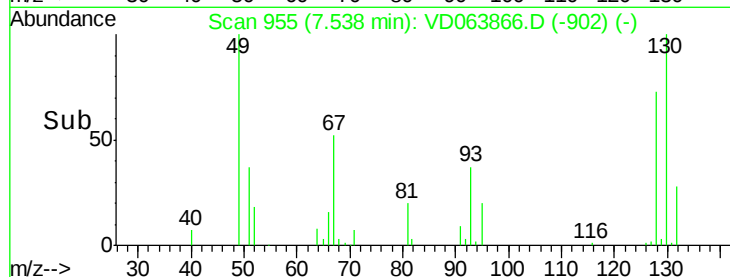
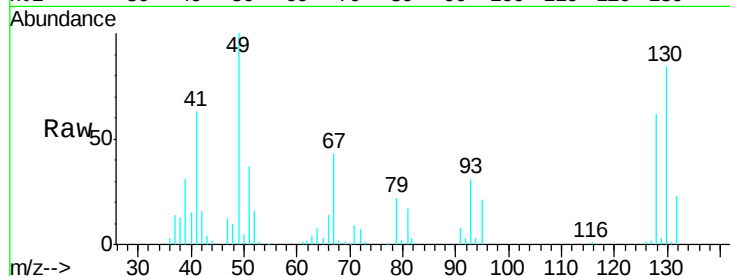




#41
Methacrylonitrile
Concen: 84.002 ug/l
RT: 7.54 min Scan# 955
Delta R.T. 0.01 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

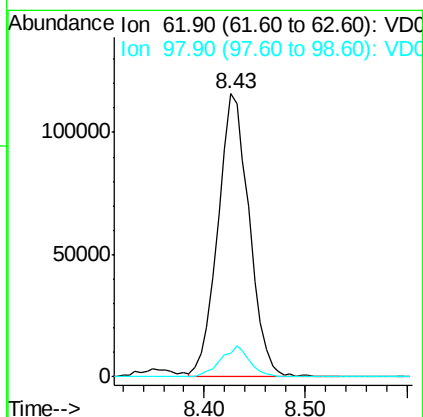
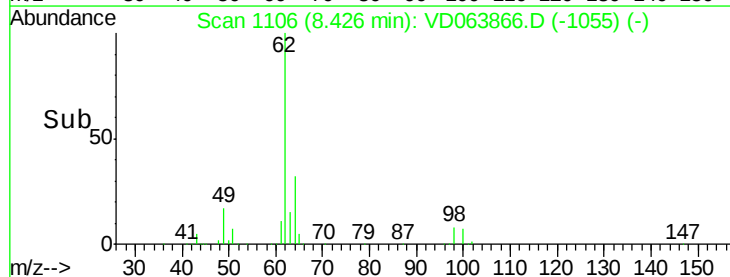
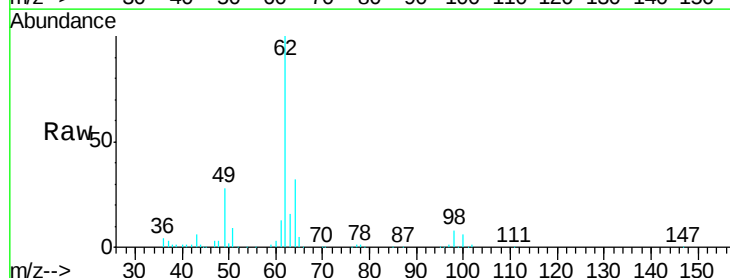
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

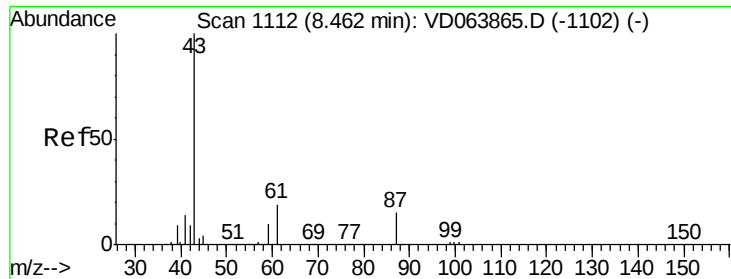
Tgt Ion: 41 Resp: 65221
Ion Ratio Lower Upper
41 100
39 65.1 52.6 78.8
67 88.8 74.2 111.2
52 34.4 34.0 51.0



#42
1,2-Dichloroethane
Concen: 94.375 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Tgt Ion: 62 Resp: 246572
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.0





#43

Isopropyl Acetate

Concen: 91.010 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

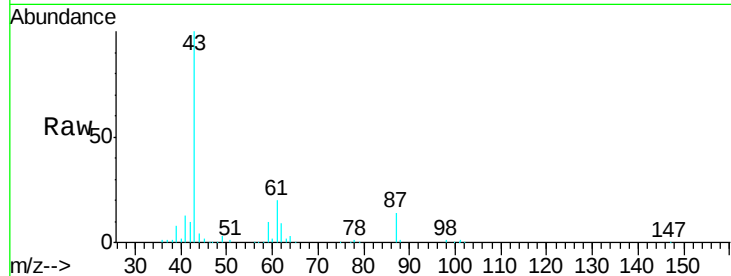
Tgt Ion: 43 Resp: 246555

Ion Ratio Lower Upper

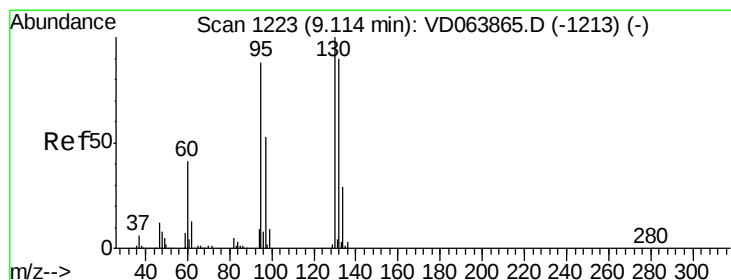
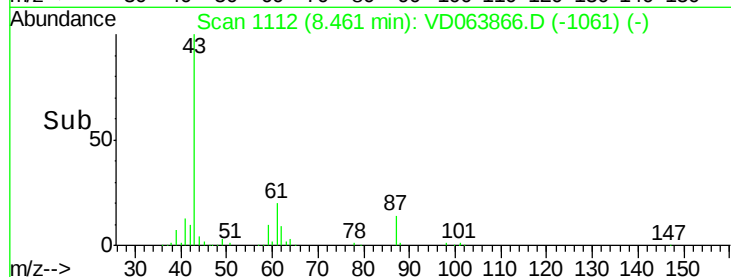
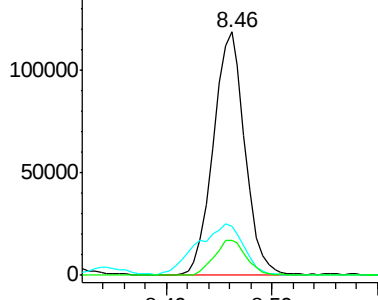
43 100

61 31.1 25.7 38.5

87 14.7 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: 97.728 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD063866.D

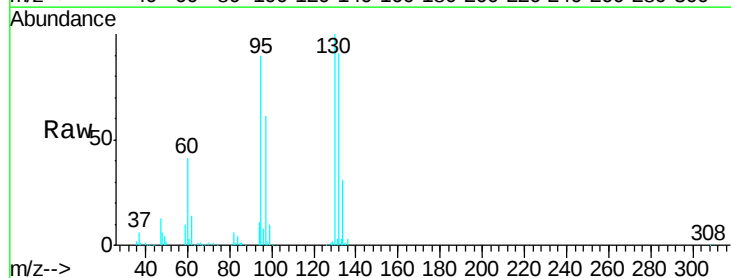
Acq: 02 Oct 2019 18:12

Tgt Ion: 130 Resp: 252900

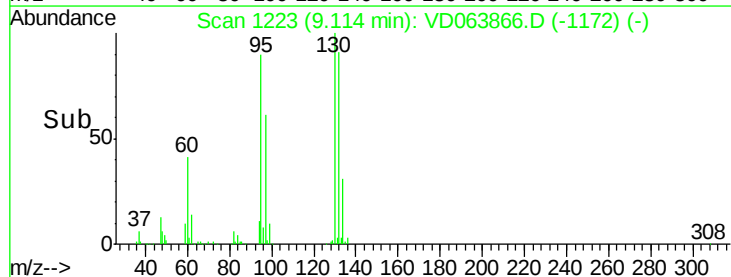
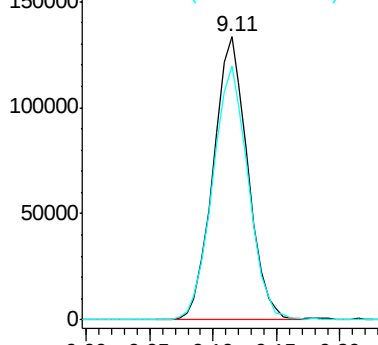
Ion Ratio Lower Upper

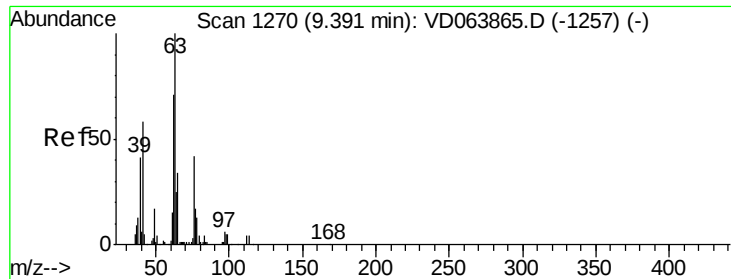
130 100

95 89.8 0.0 175.6



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC

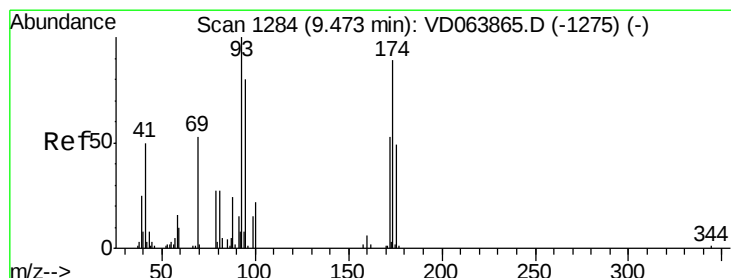
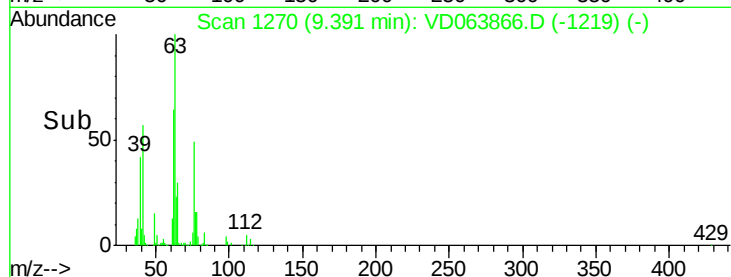
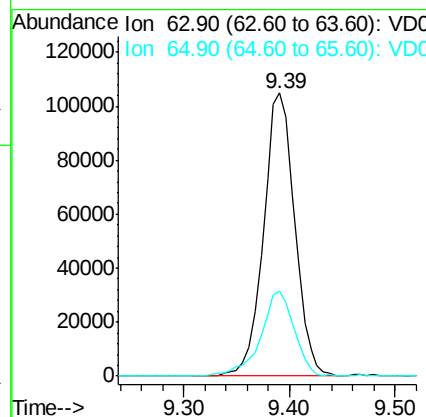
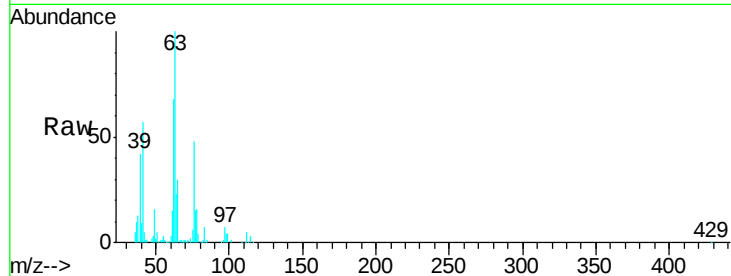




#45
 1,2-Dichloropropane
 Concen: 97.429 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD063866.D
 Acq: 02 Oct 2019 18:12

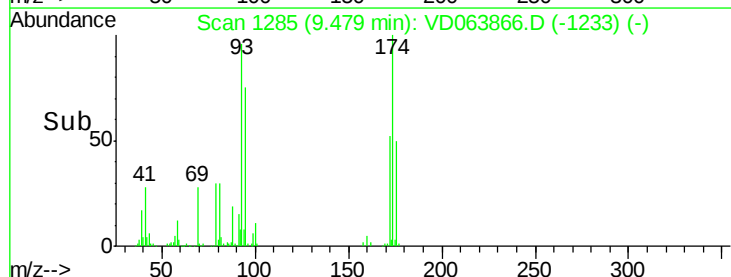
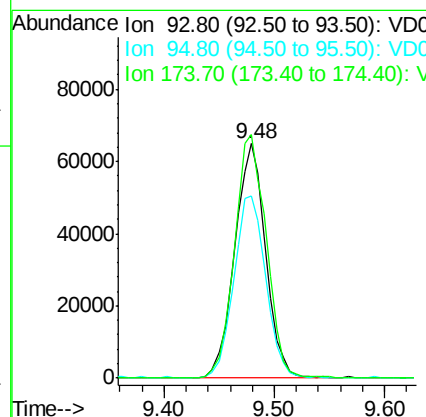
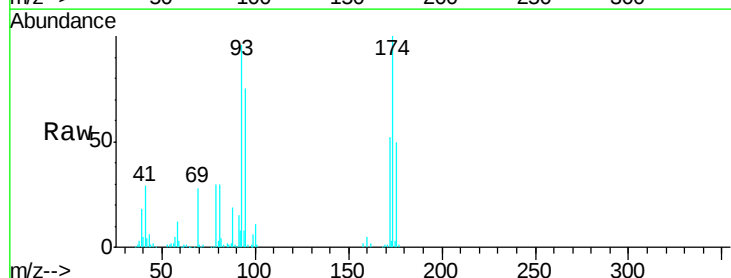
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

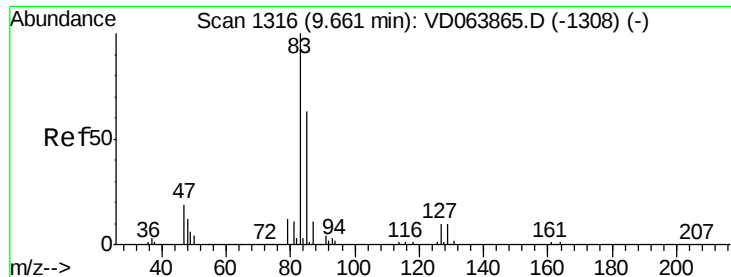
Tgt Ion: 63 Resp: 214975
 Ion Ratio Lower Upper
 63 100
 65 30.0 27.3 40.9



#46
 Dibromomethane
 Concen: 101.891 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: VD063866.D
 Acq: 02 Oct 2019 18:12

Tgt Ion: 93 Resp: 127117
 Ion Ratio Lower Upper
 93 100
 95 80.9 66.0 99.0
 174 106.7 83.4 125.0





#47

Bromodichloromethane

Concen: 99.933 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

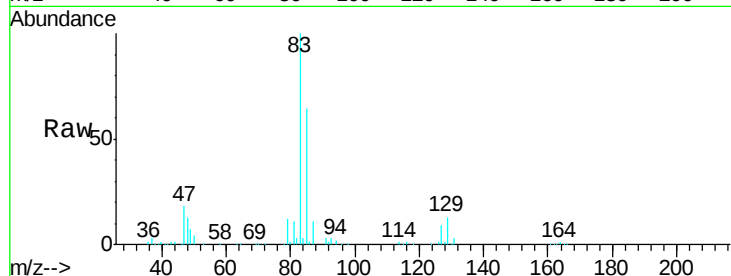
Tgt Ion: 83 Resp: 320230

Ion Ratio Lower Upper

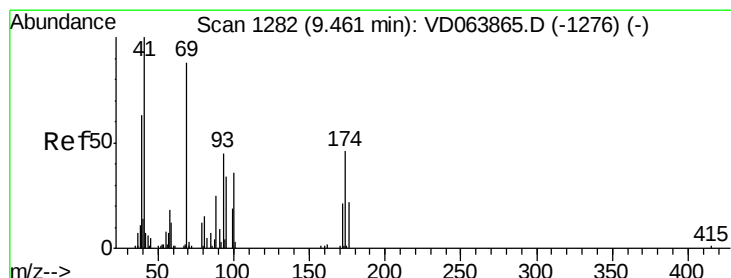
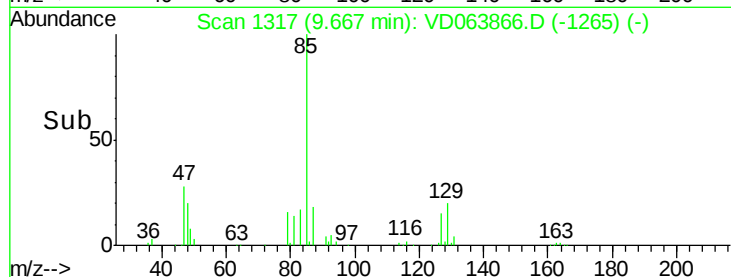
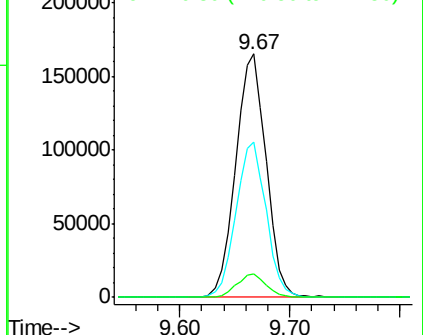
83 100

85 63.7 50.2 75.2

127 9.4 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: 90.712 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

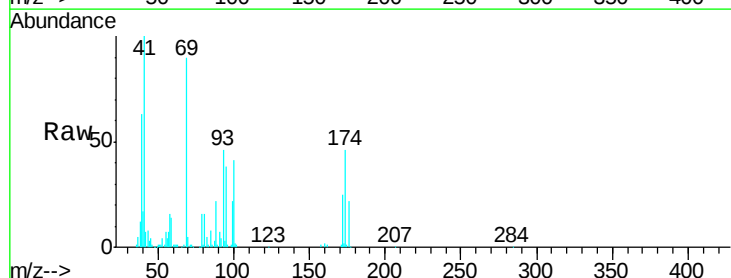
Tgt Ion: 41 Resp: 112018

Ion Ratio Lower Upper

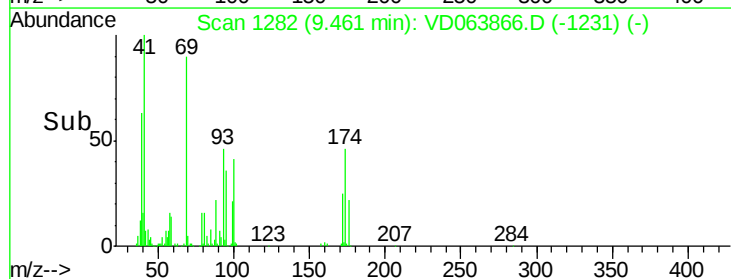
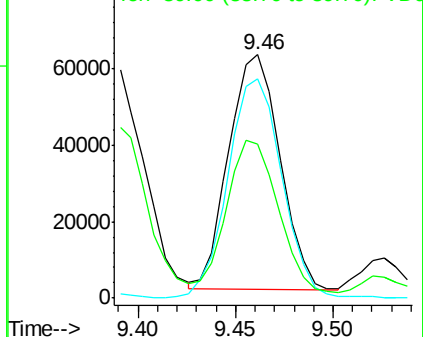
41 100

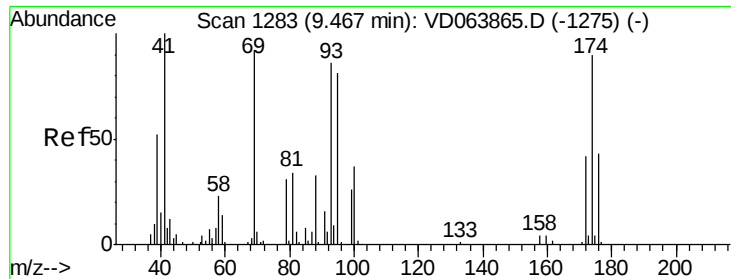
69 98.9 75.1 112.7

39 64.5 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

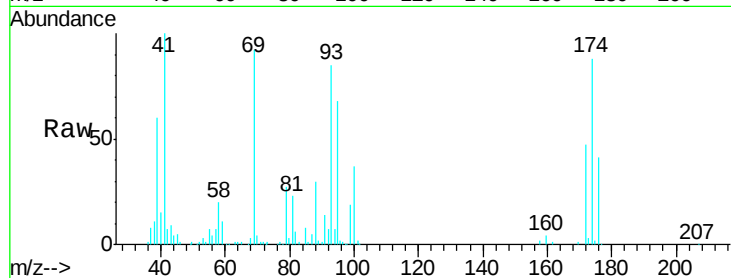




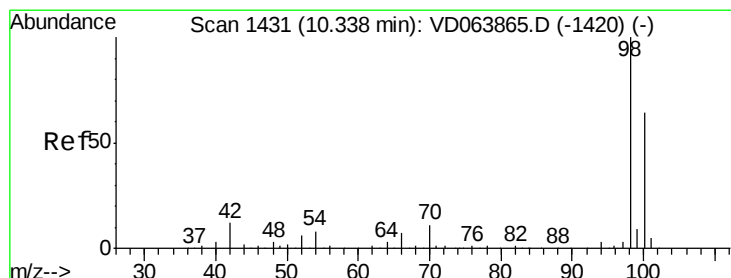
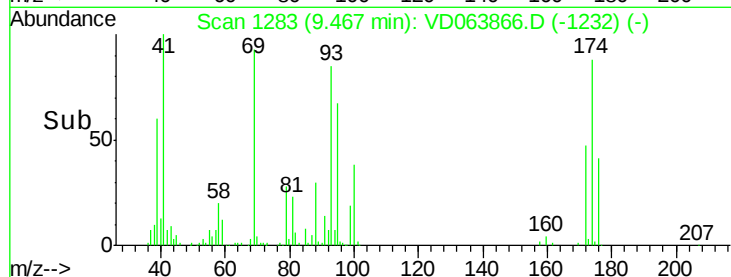
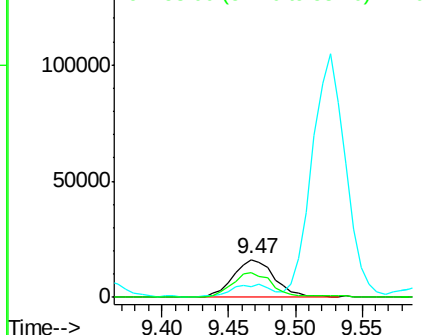
#49
1,4-Dioxane
Concen: 1968.396 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 88 Resp: 34784
Ion Ratio Lower Upper
88 100
43 30.2 27.6 41.4
58 66.7 54.1 81.1

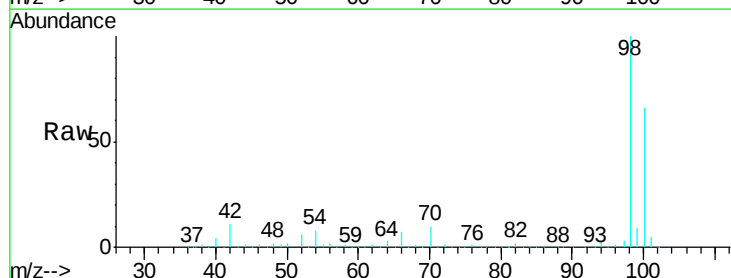


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

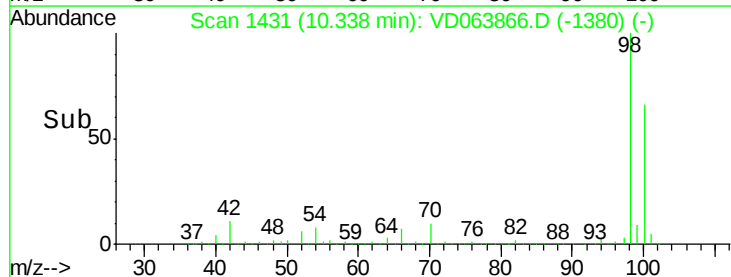
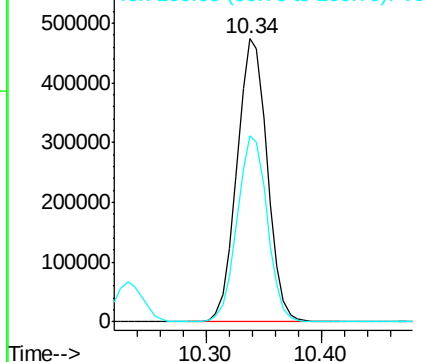


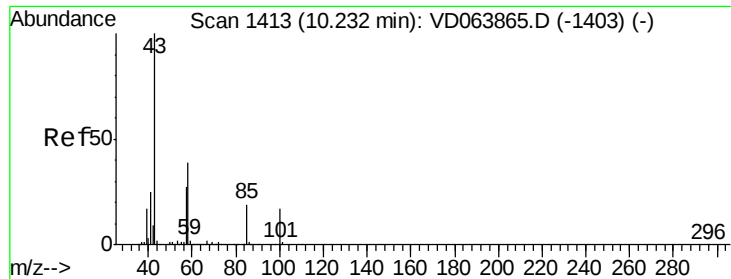
#50
Toluene-d8
Concen: 101.652 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Tgt Ion: 98 Resp: 861162
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



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

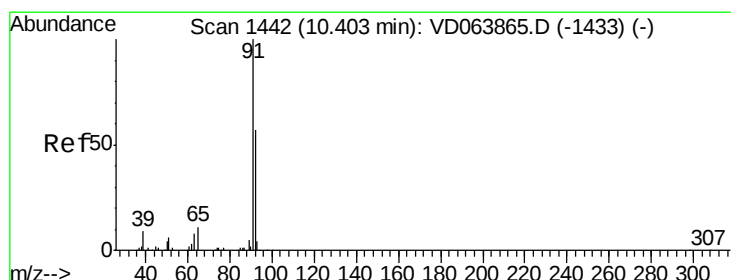
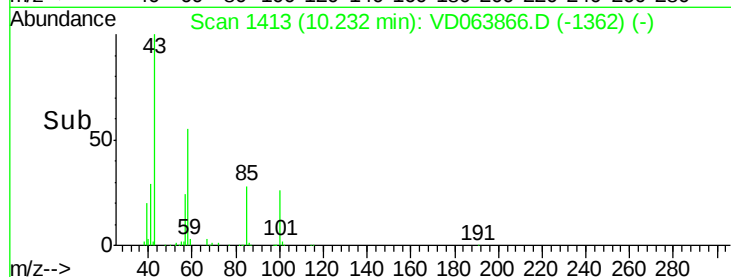
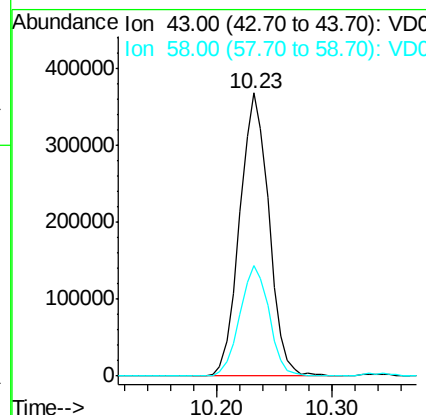
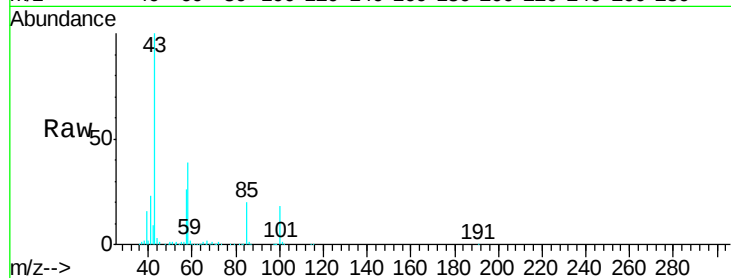




#51
 4-Methyl-2-Pentanone
 Concen: 470.474 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD063866.D
 Acq: 02 Oct 2019 18:12

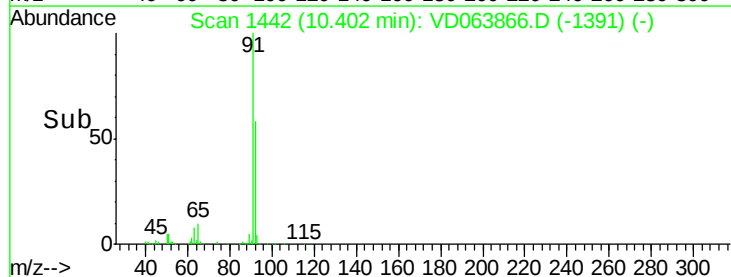
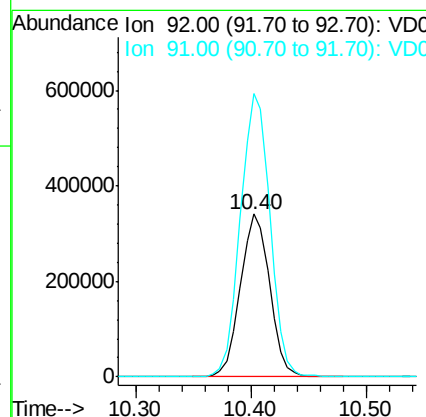
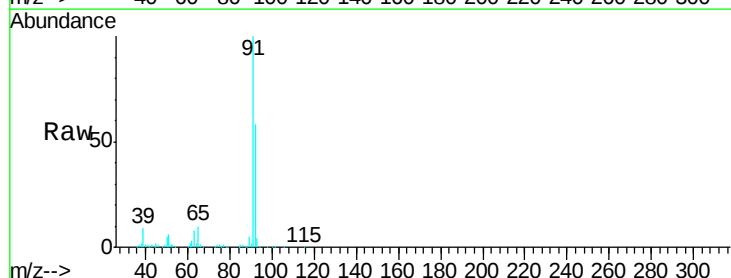
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 646423
 Ion Ratio Lower Upper
 43 100
 58 39.2 33.0 49.4



#52
 Toluene
 Concen: 99.329 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD063866.D
 Acq: 02 Oct 2019 18:12

Tgt Ion: 92 Resp: 602021
 Ion Ratio Lower Upper
 92 100
 91 175.4 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 99.826 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

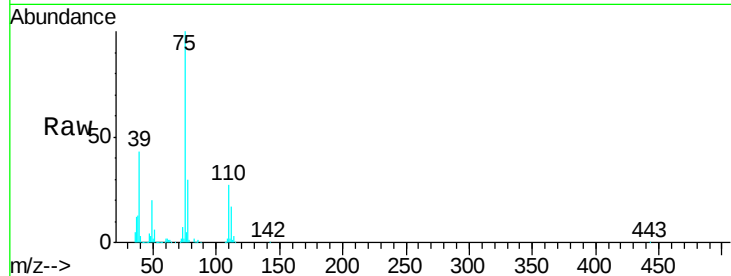
VSTDIC100

Tgt Ion: 75 Resp: 317300

Ion Ratio Lower Upper

75 100

77 29.6 22.8 34.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.62

200000

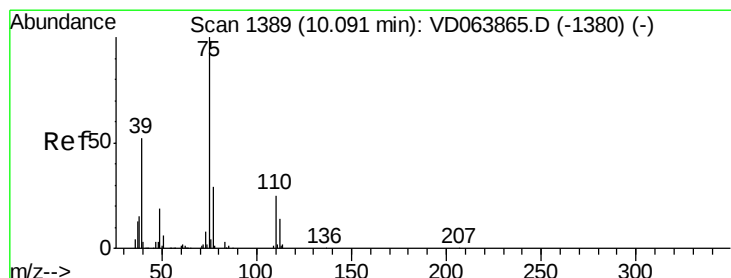
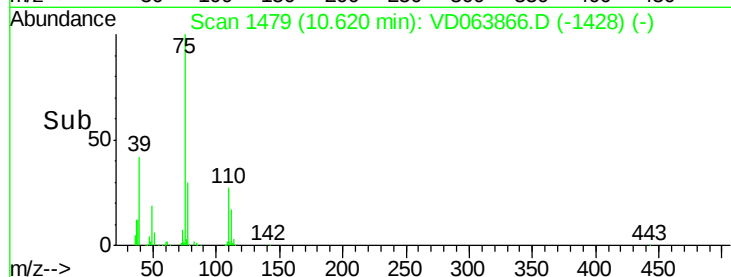
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 102.043 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

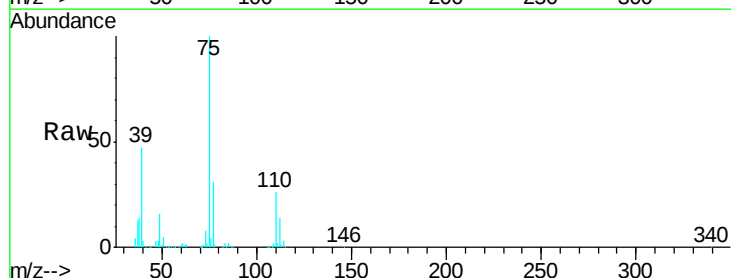
Tgt Ion: 75 Resp: 367301

Ion Ratio Lower Upper

75 100

77 31.2 23.2 34.8

39 46.9 41.5 62.3



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

10.09

250000

200000

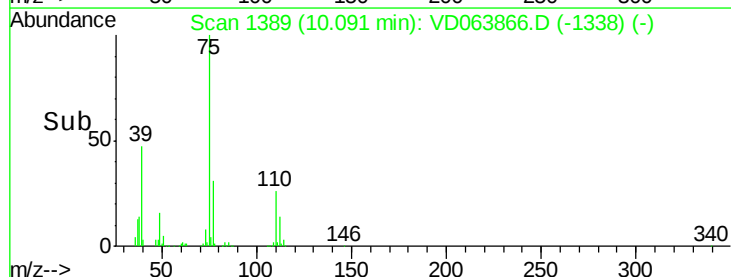
150000

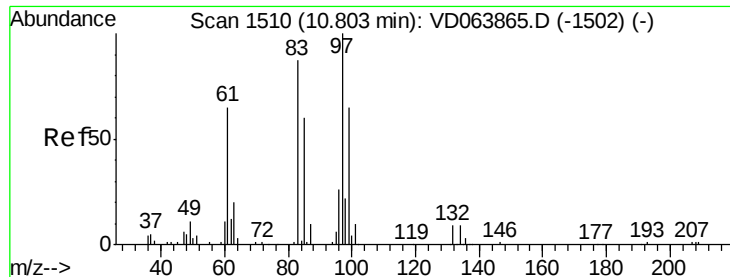
100000

50000

0

Time-->

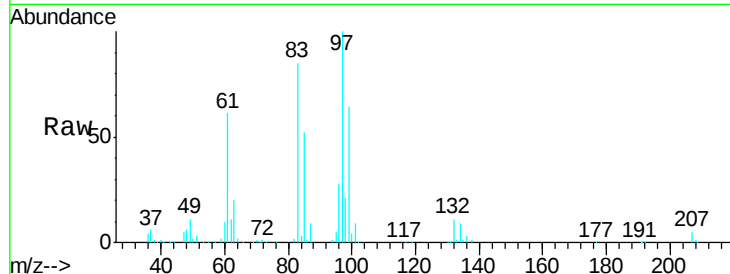




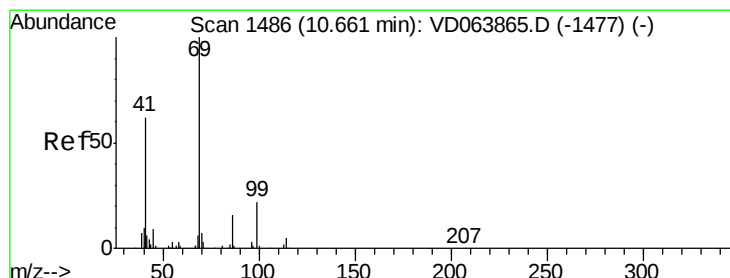
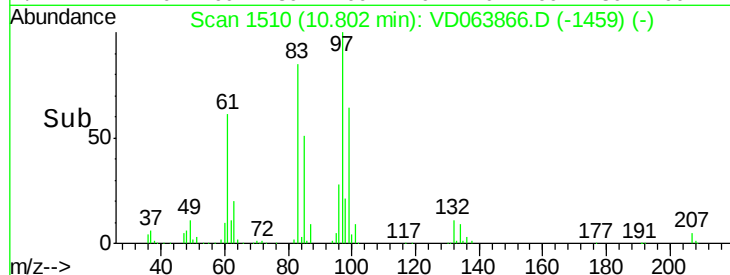
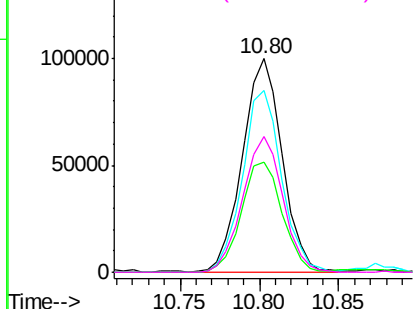
#55
 1,1,2-Trichloroethane
 Concen: 99.122 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD063866.D
 Acq: 02 Oct 2019 18:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion: 97 Resp: 174100
 Ion Ratio Lower Upper
 97 100
 83 85.4 69.7 104.5
 85 51.6 48.1 72.1
 99 63.6 51.9 77.9

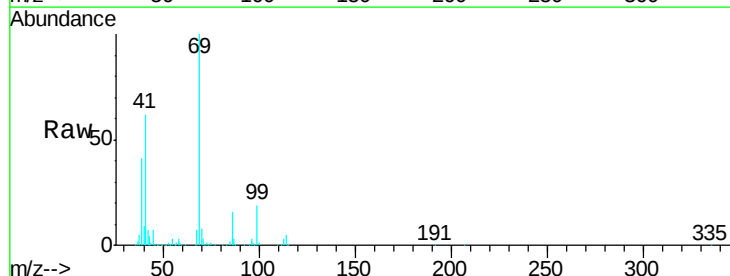


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

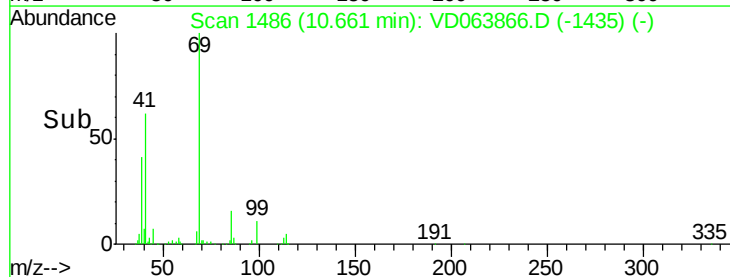
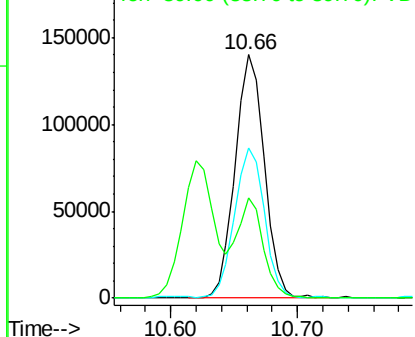


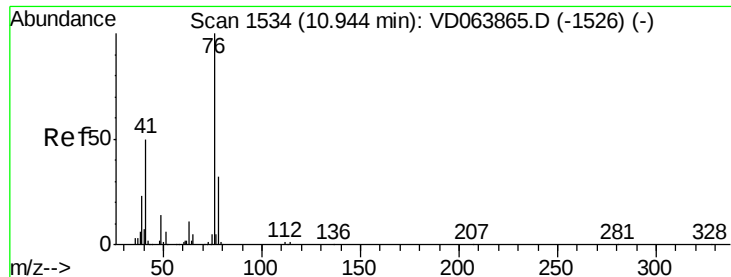
#56
 Ethyl methacrylate
 Concen: 99.997 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD063866.D
 Acq: 02 Oct 2019 18:12

Tgt Ion: 69 Resp: 223949
 Ion Ratio Lower Upper
 69 100
 41 62.3 51.3 76.9
 39 37.7 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

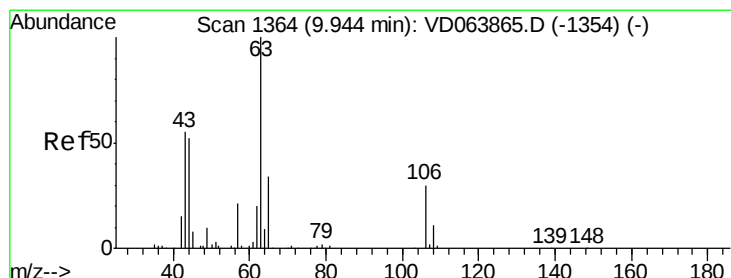
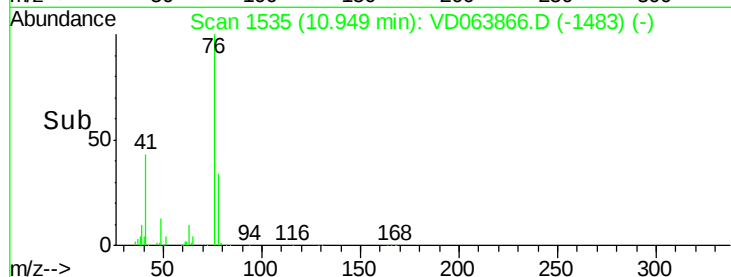
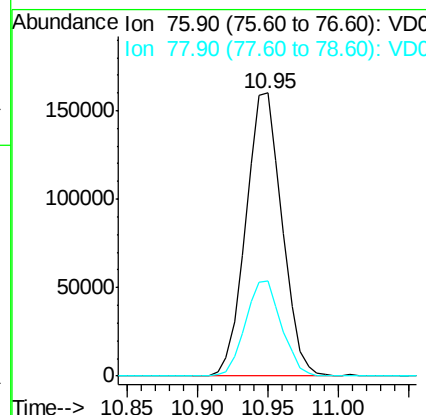
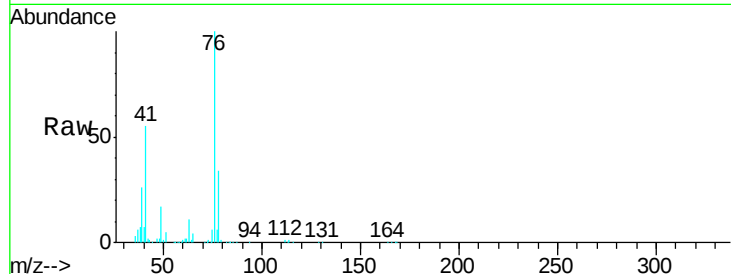




#57
 1,3-Dichloropropane
 Concen: 95.942 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VD063866.D
 Acq: 02 Oct 2019 18:12

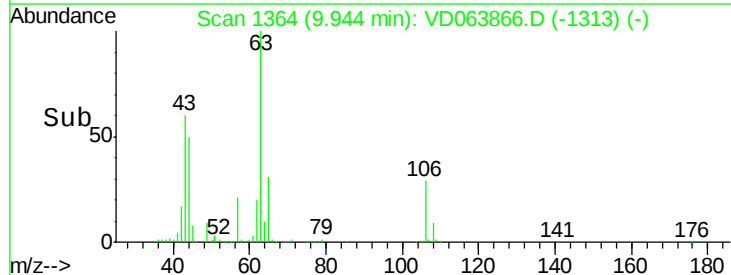
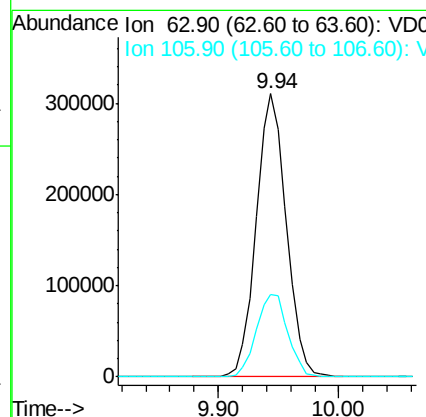
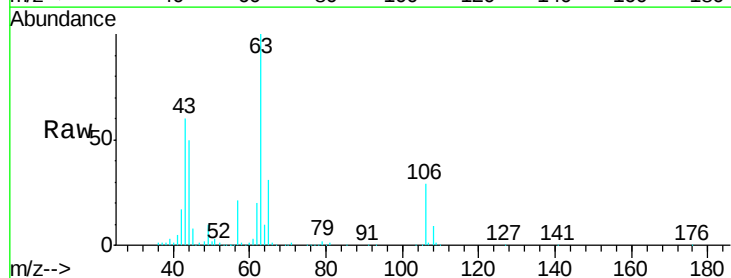
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

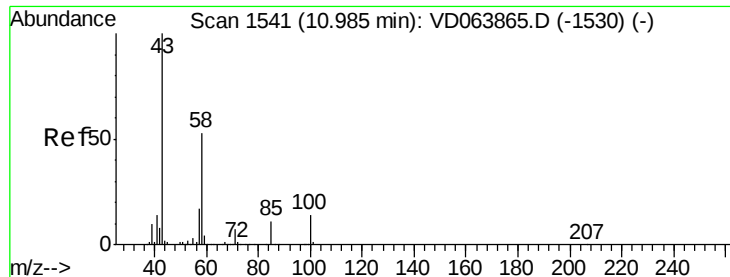
Tgt Ion: 76 Resp: 288253
 Ion Ratio Lower Upper
 76 100
 78 33.5 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 536.937 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD063866.D
 Acq: 02 Oct 2019 18:12

Tgt Ion: 63 Resp: 537231
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.3 36.5

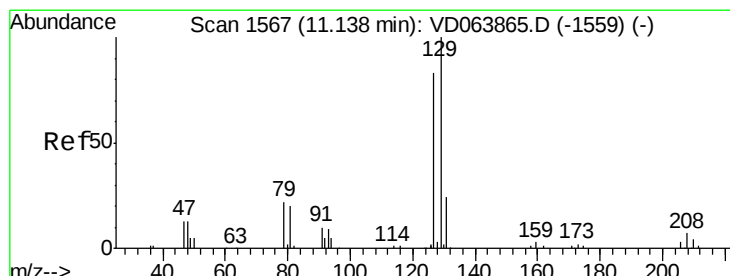
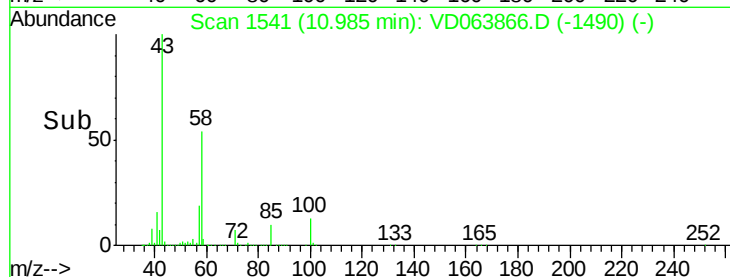
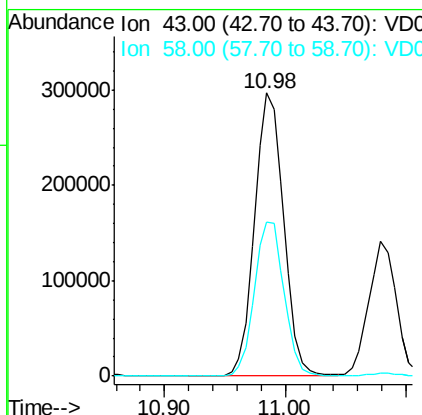
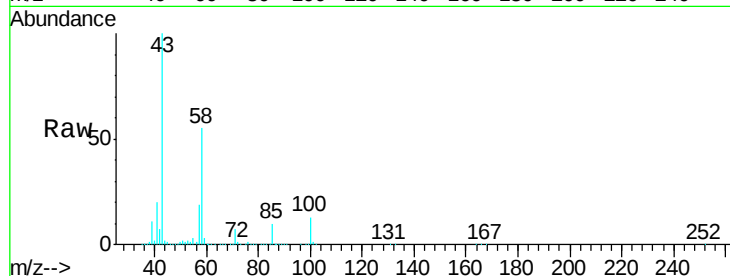




#59
2-Hexanone
Concen: 502.957 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

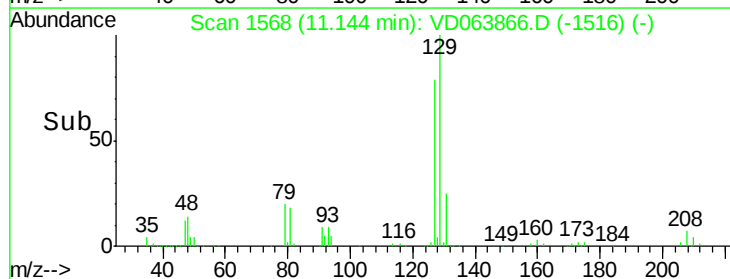
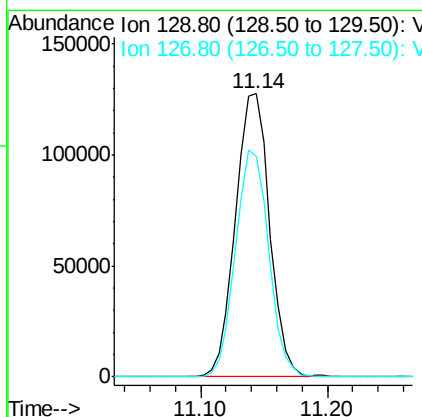
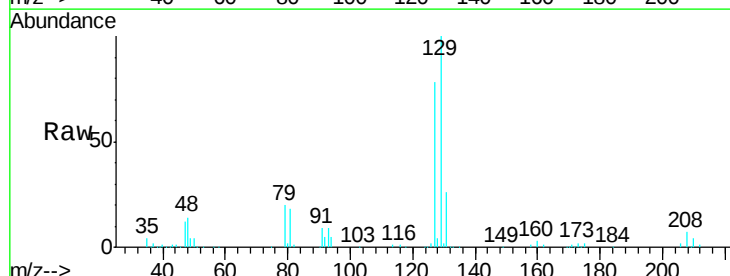
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

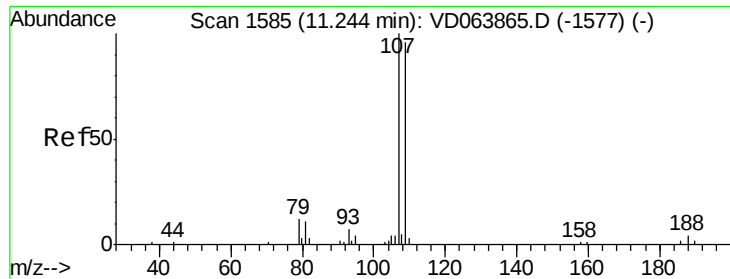
Tgt Ion: 43 Resp: 501155
Ion Ratio Lower Upper
43 100
58 55.5 27.7 83.0



#60
Dibromochloromethane
Concen: 103.026 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Tgt Ion: 129 Resp: 239075
Ion Ratio Lower Upper
129 100
127 77.9 39.9 119.6

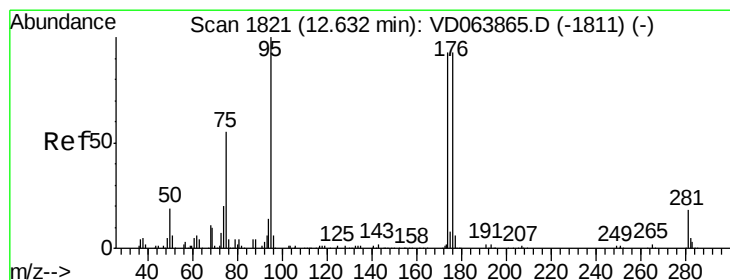
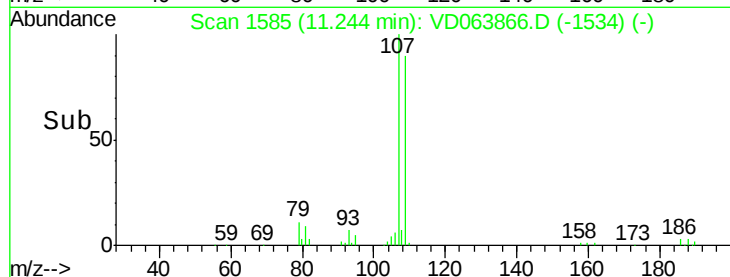
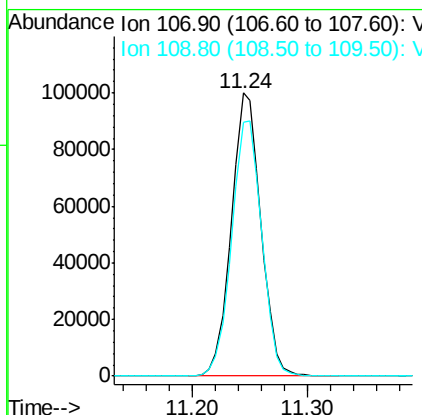
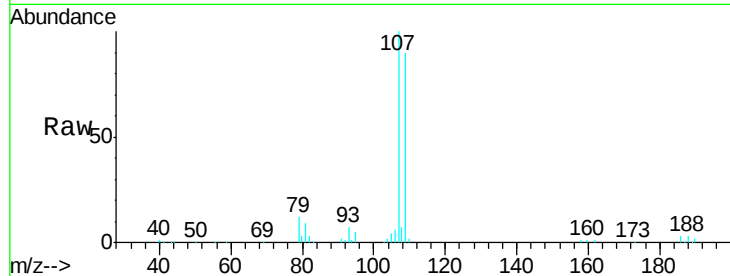




#61
 1,2-Dibromoethane
 Concen: 100.243 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD063866.D
 Acq: 02 Oct 2019 18:12

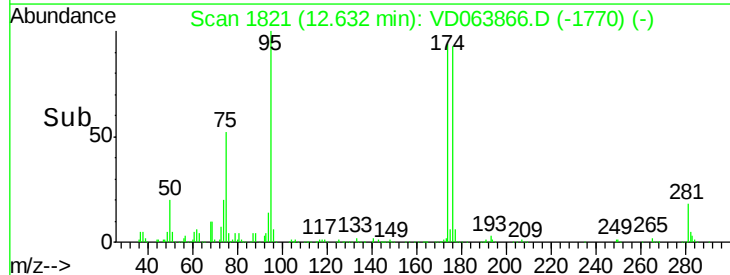
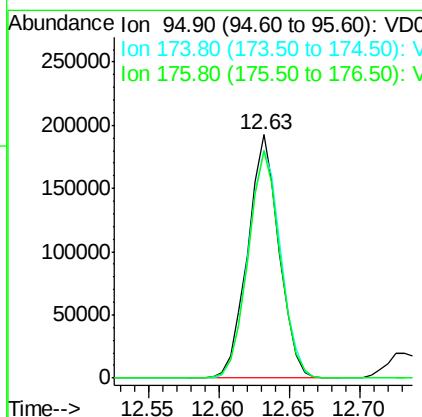
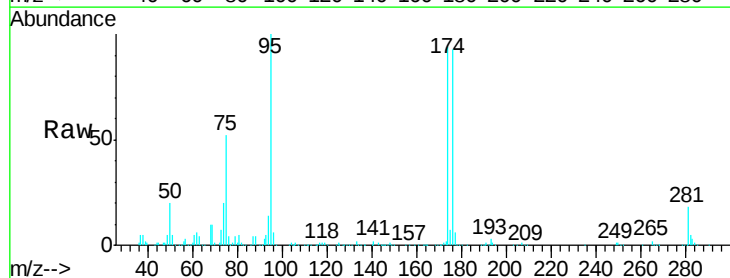
Instrument :
 MSVOA_D
 ClientSampled :
 VSTDIC100

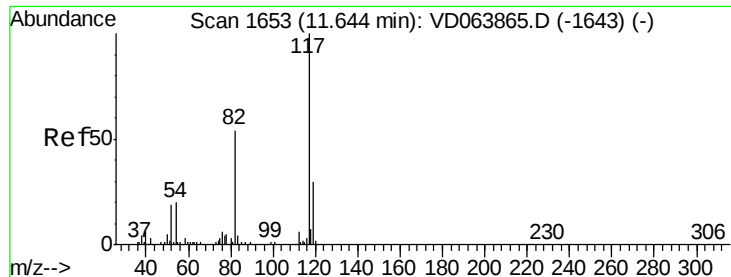
Tgt Ion: 107 Resp: 176656
 Ion Ratio Lower Upper
 107 100
 109 92.2 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 98.247 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD063866.D
 Acq: 02 Oct 2019 18:12

Tgt Ion: 95 Resp: 299922
 Ion Ratio Lower Upper
 95 100
 174 97.9 0.0 186.4
 176 95.1 0.0 184.2

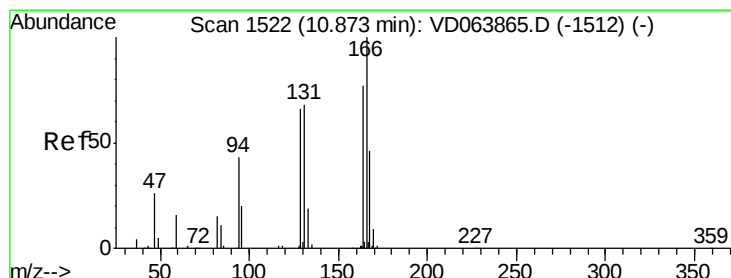
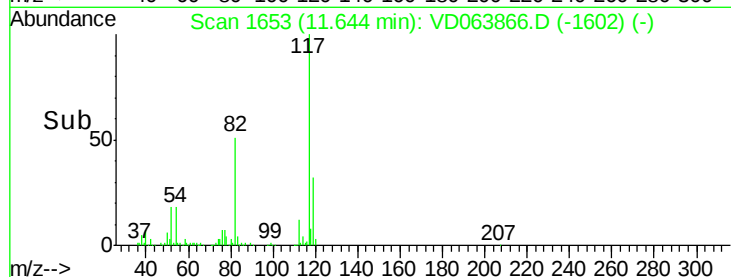
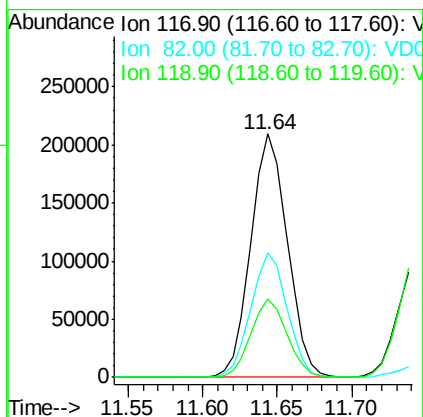
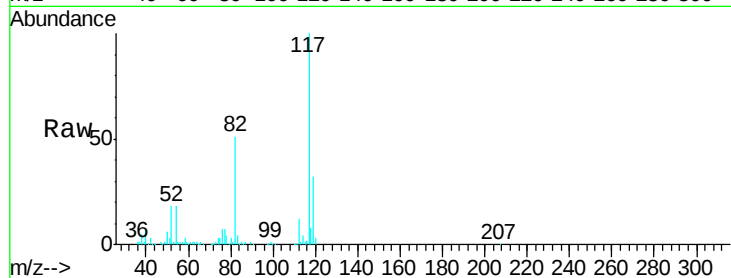




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

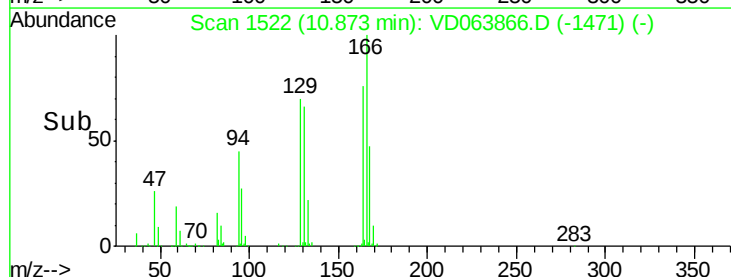
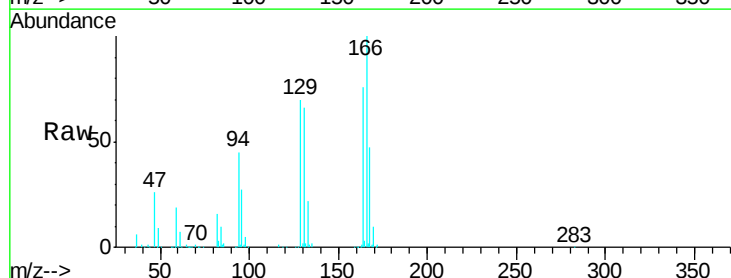
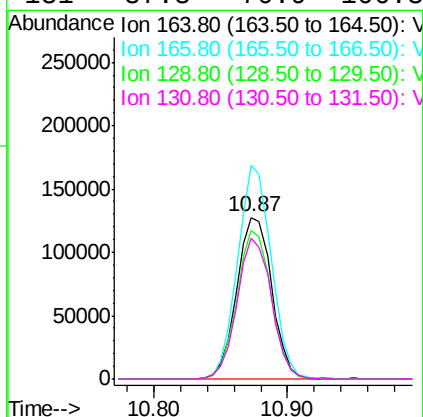
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

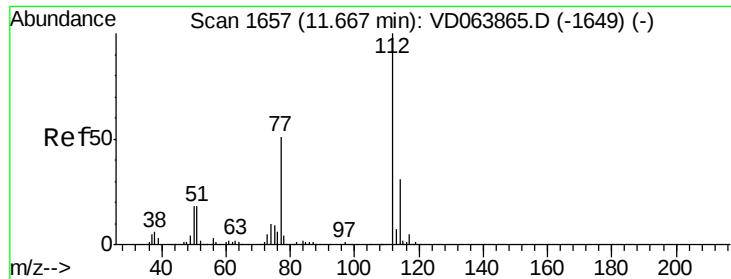
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.0	42.8	64.2
119	32.2	24.4	36.6



#64
Tetrachloroethene
Concen: 97.957 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.2	103.8	155.6
129	92.2	68.9	103.3
131	87.3	70.9	106.3

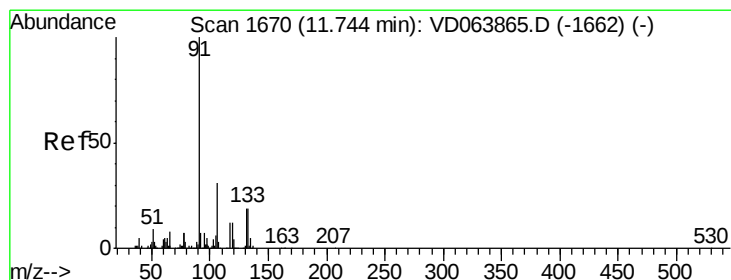
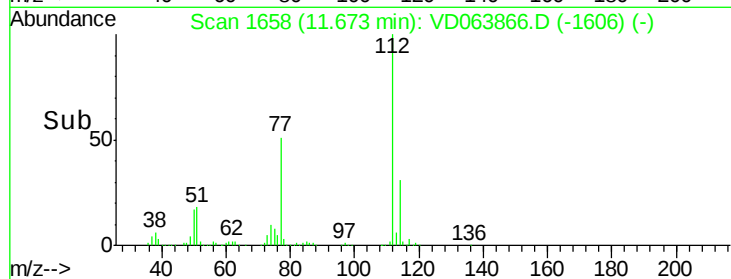
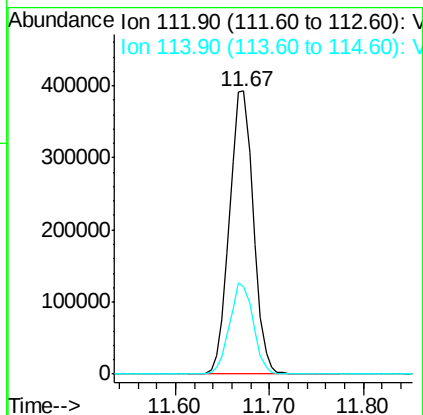
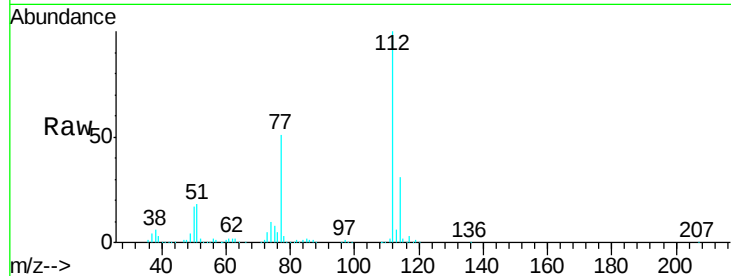




#65
Chlorobenzene
Concen: 97.983 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.01 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

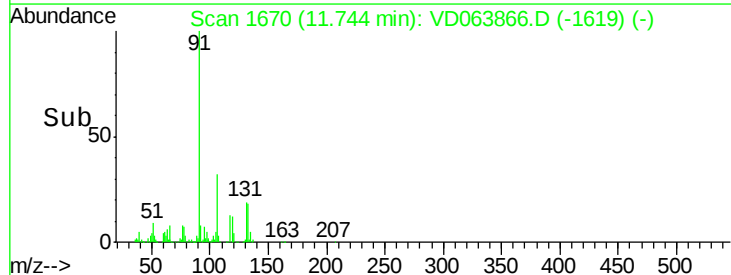
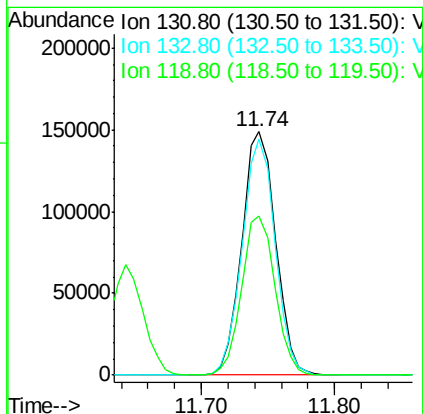
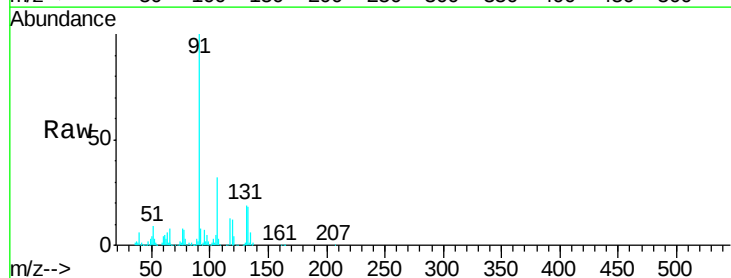
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 694777
Ion Ratio Lower Upper
112 100
114 30.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 99.945 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Tgt Ion:131 Resp: 260017
Ion Ratio Lower Upper
131 100
133 94.9 48.9 146.7
119 64.5 32.6 97.8





#67

Ethyl Benzene

Concen: 98.430 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

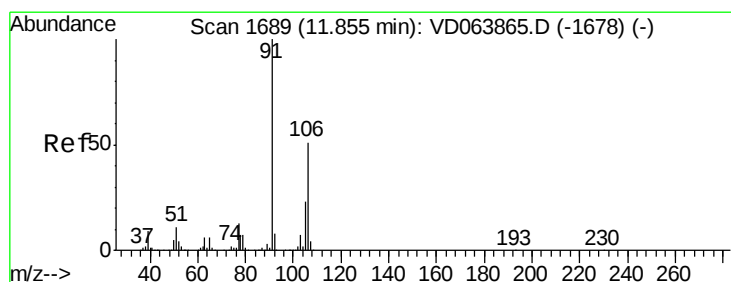
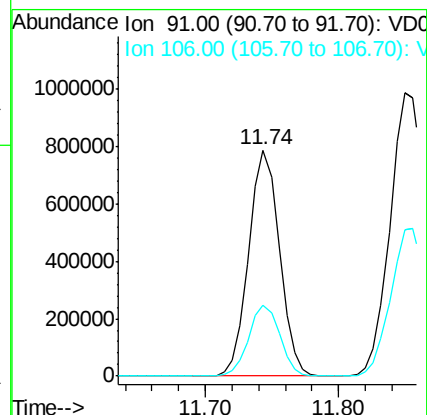
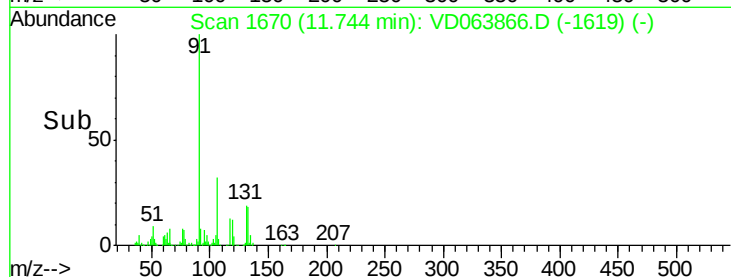
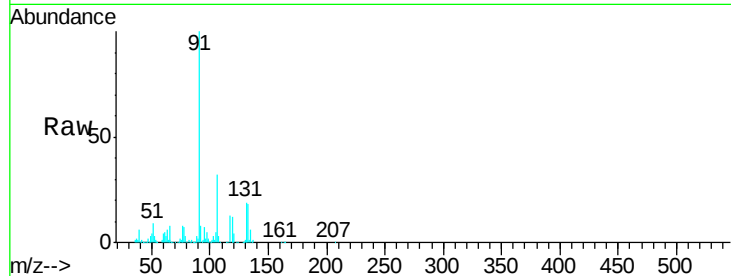
VSTDIC100

Tgt Ion: 91 Resp: 1254328

Ion Ratio Lower Upper

91 100

106 31.6 24.6 37.0



#68

m/p-Xylenes

Concen: 199.192 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD063866.D

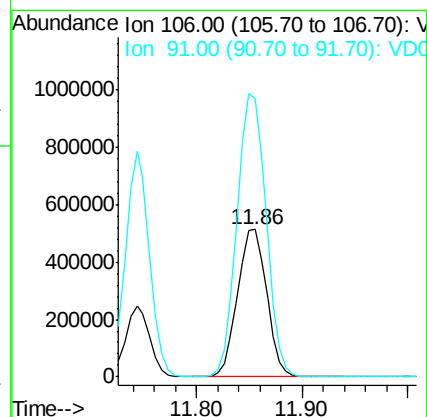
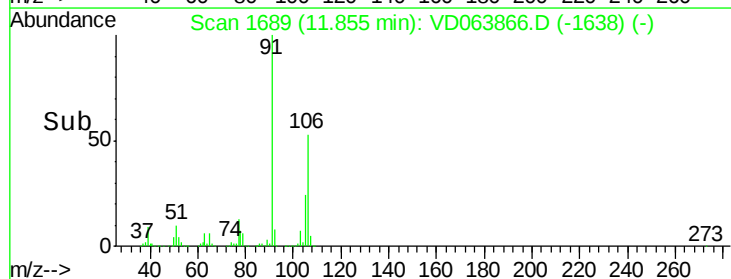
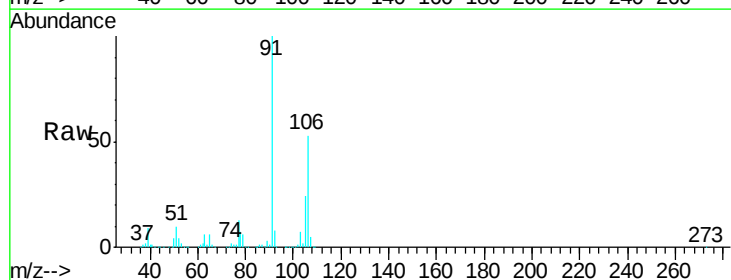
Acq: 02 Oct 2019 18:12

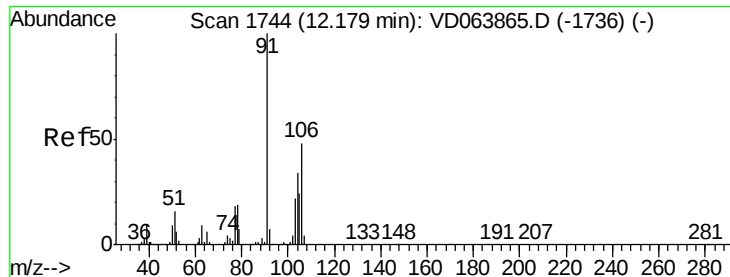
Tgt Ion: 106 Resp: 979644

Ion Ratio Lower Upper

106 100

91 191.7 154.8 232.2

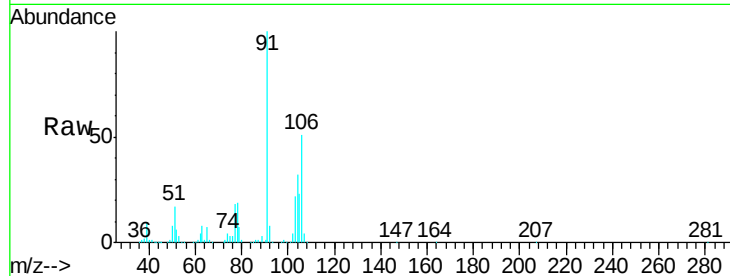




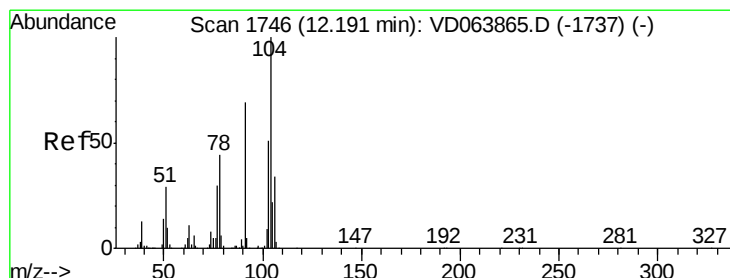
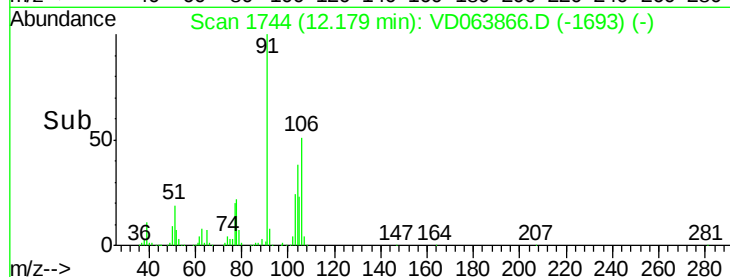
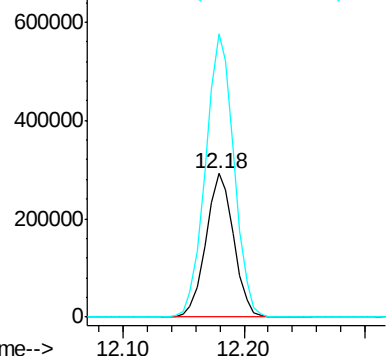
#69
o-Xylene
Concen: 100.601 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 465694
Ion Ratio Lower Upper
106 100
91 202.7 103.9 311.7

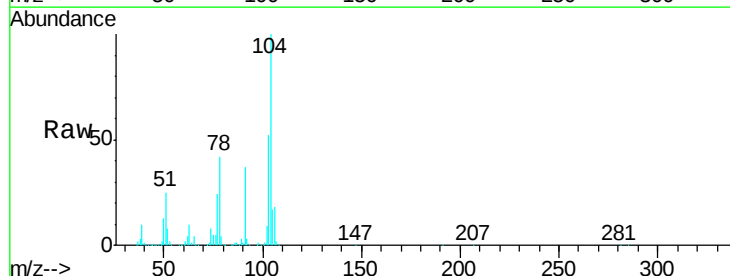


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

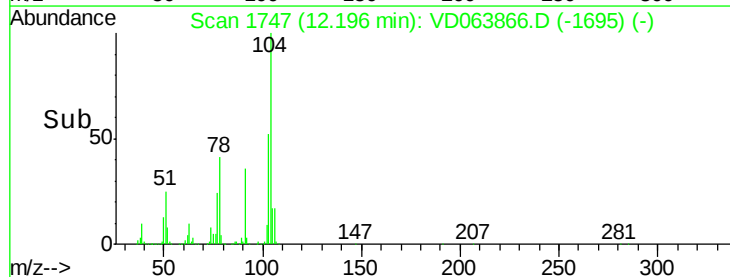
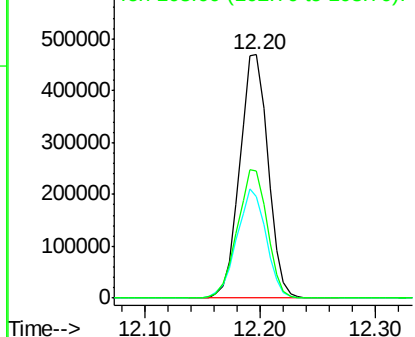


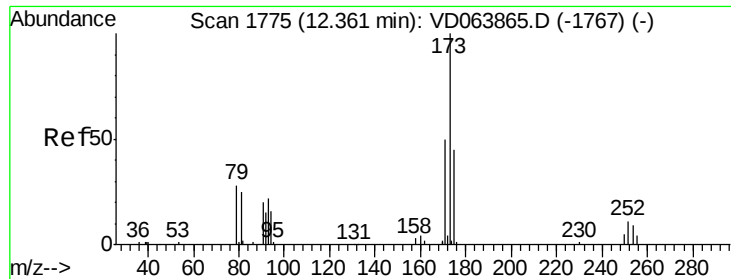
#70
Styrene
Concen: 101.826 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.01 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Tgt Ion:104 Resp: 800641
Ion Ratio Lower Upper
104 100
78 46.3 37.0 55.4
103 55.8 44.2 66.4



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

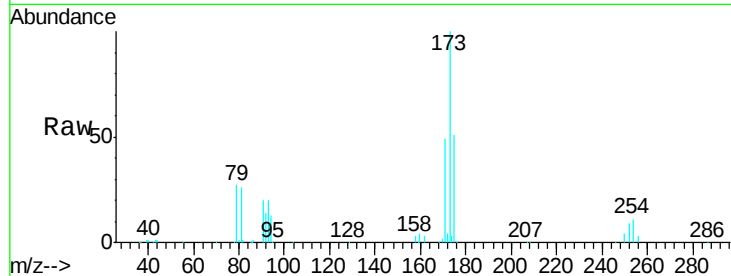




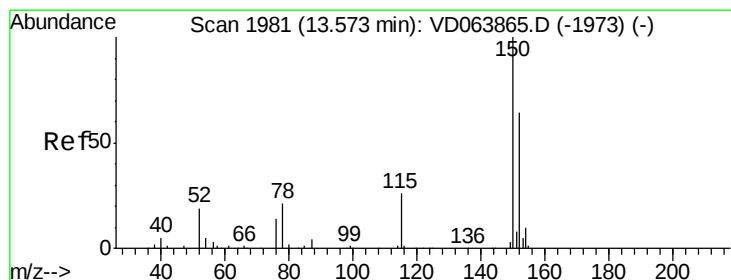
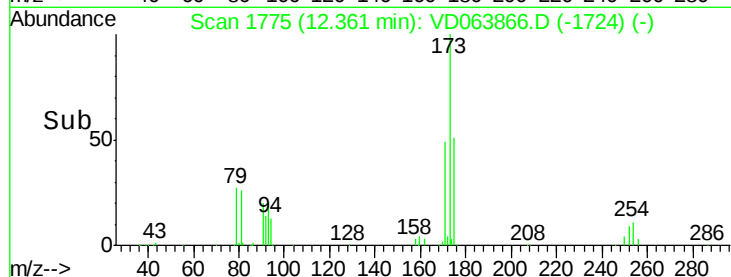
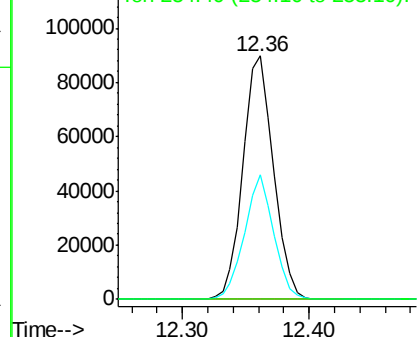
#71
Bromoform
Concen: 104.051 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:173 Resp: 149705
Ion Ratio Lower Upper
173 100
175 49.0 24.6 74.0
254 0.1 0.0 0.0#

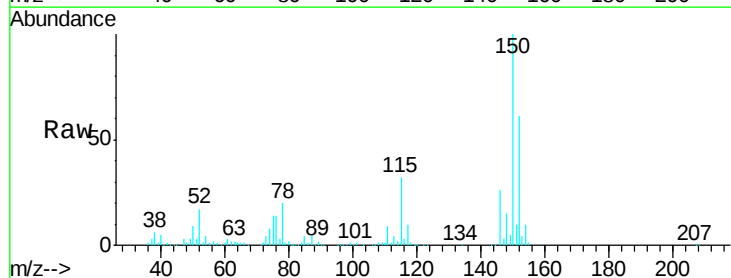


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

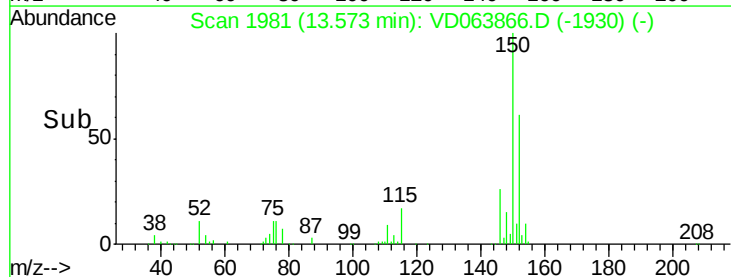
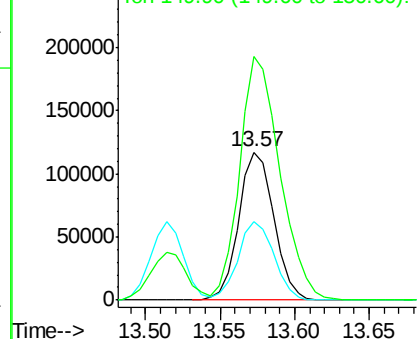


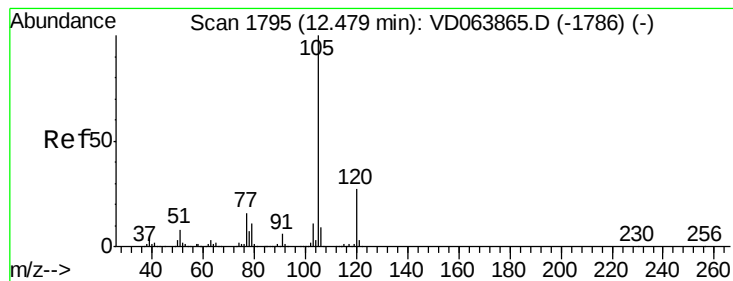
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Tgt Ion:152 Resp: 191390
Ion Ratio Lower Upper
152 100
115 54.3 25.9 77.7
150 188.3 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: 94.479 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

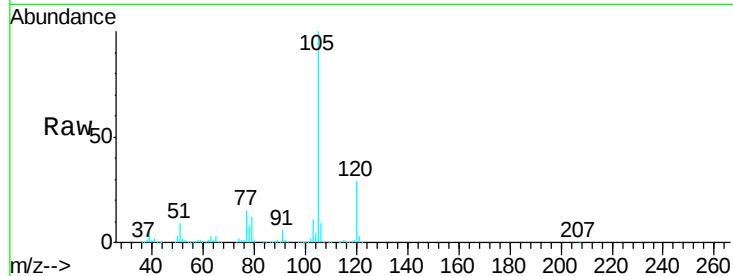
VSTDIC100

Tgt Ion:105 Resp: 1223069

Ion Ratio Lower Upper

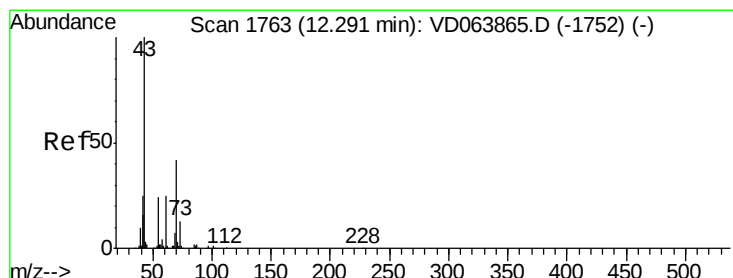
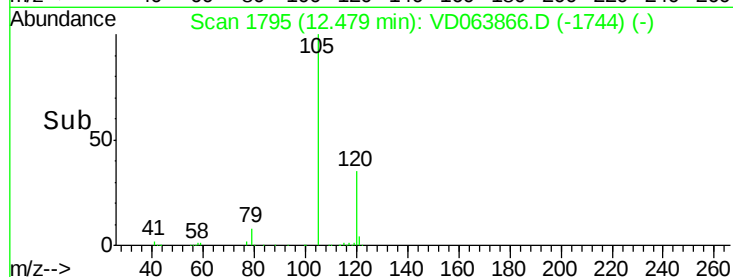
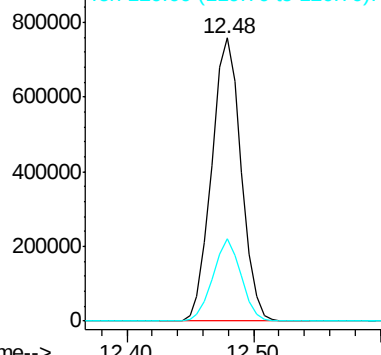
105 100

120 27.8 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: 90.464 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

Tgt Ion: 43 Resp: 257163

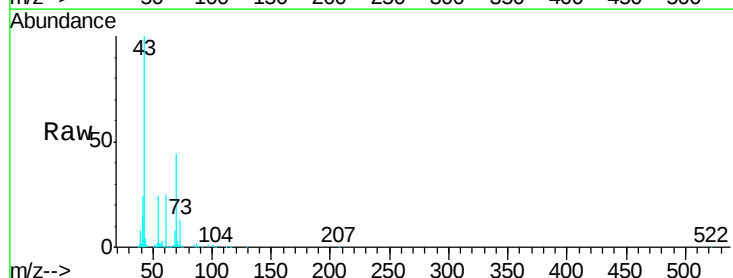
Ion Ratio Lower Upper

43 100

70 44.6 35.8 53.6

55 23.5 19.4 29.0

61 24.7 20.4 30.6

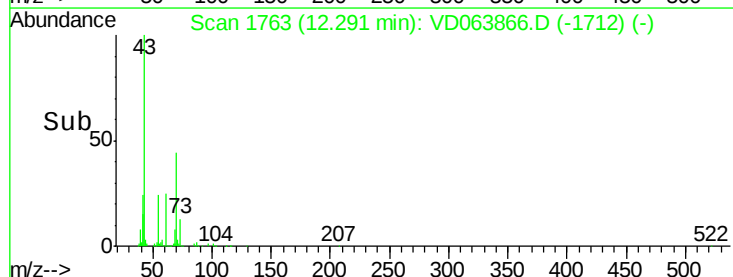
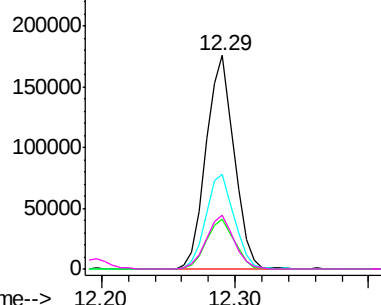


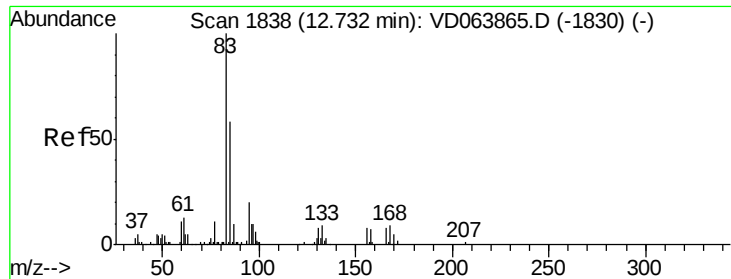
Abundance Ion 43.00 (42.70 to 43.70): V

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: 90.636 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

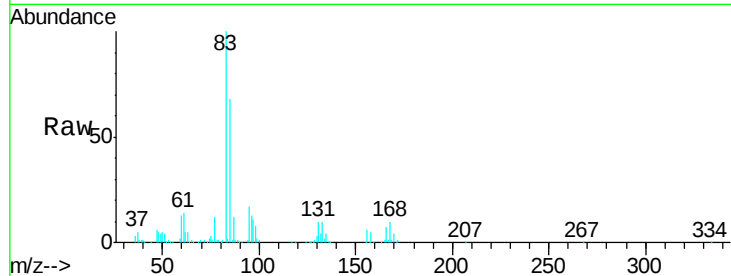
Tgt Ion: 83 Resp: 196362

Ion Ratio Lower Upper

83 100

131 11.7 5.6 16.8

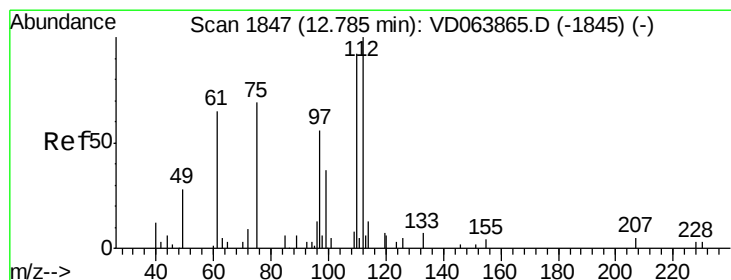
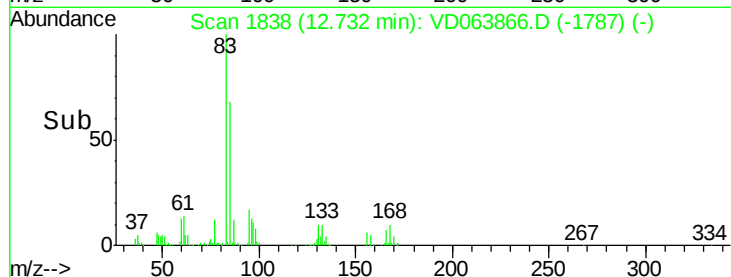
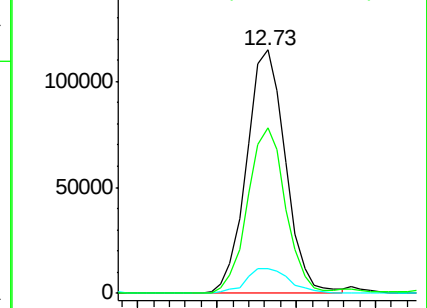
85 66.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 182.058 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD063866.D

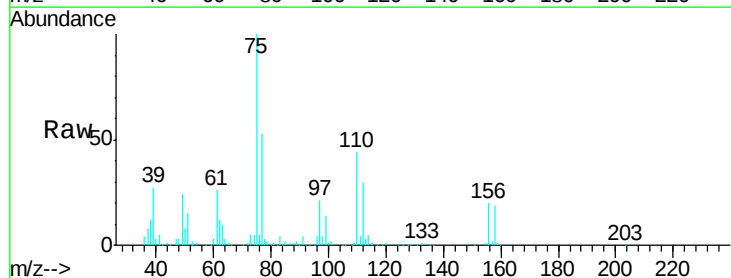
Acq: 02 Oct 2019 18:12

Tgt Ion: 75 Resp: 262769

Ion Ratio Lower Upper

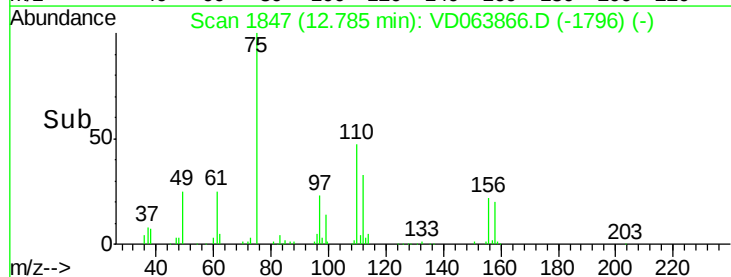
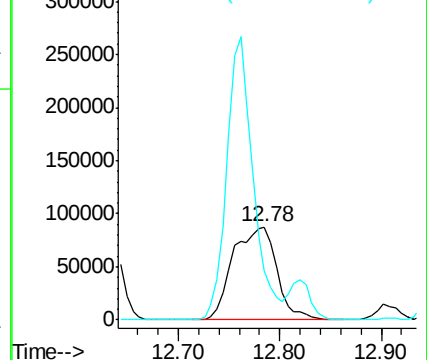
75 100

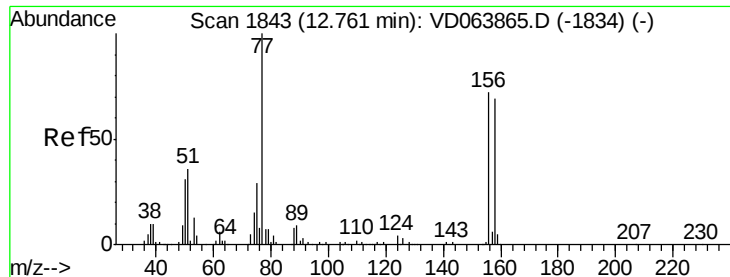
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 101.509 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

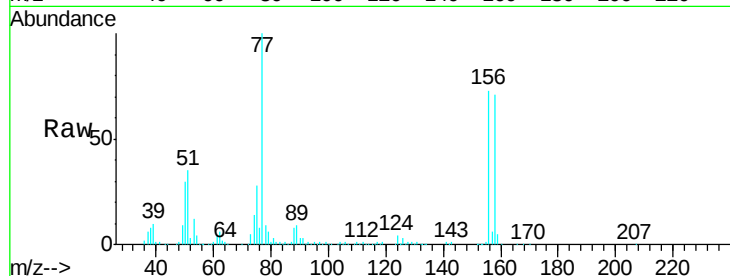
Tgt Ion:156 Resp: 317522

Ion Ratio Lower Upper

156 100

77 152.4 80.3 241.0

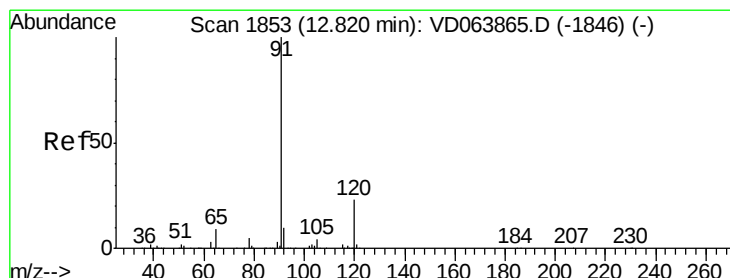
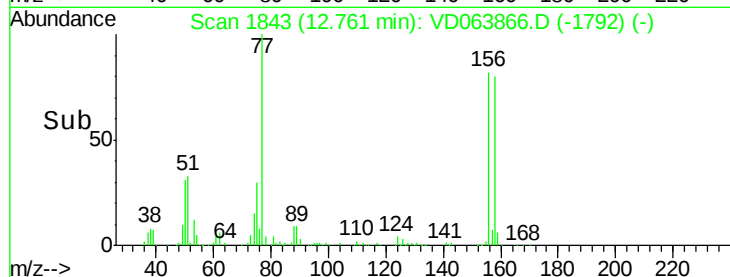
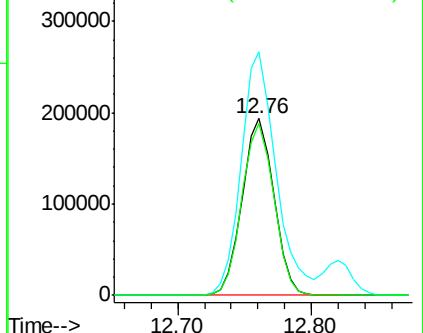
158 98.1 47.4 142.2



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: 94.088 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD063866.D

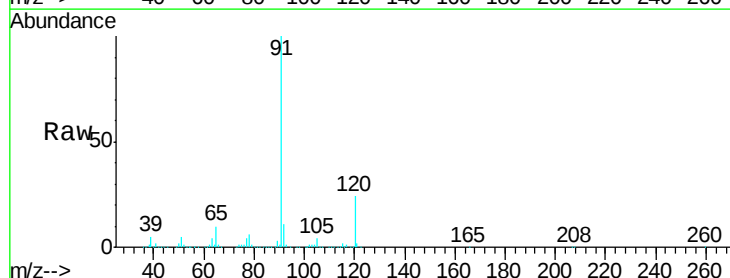
Acq: 02 Oct 2019 18:12

Tgt Ion: 91 Resp: 1434208

Ion Ratio Lower Upper

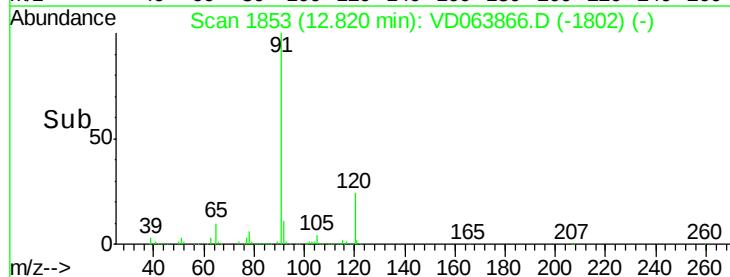
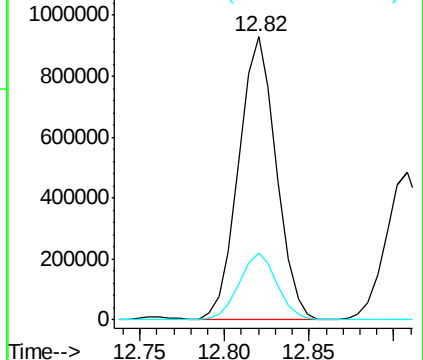
91 100

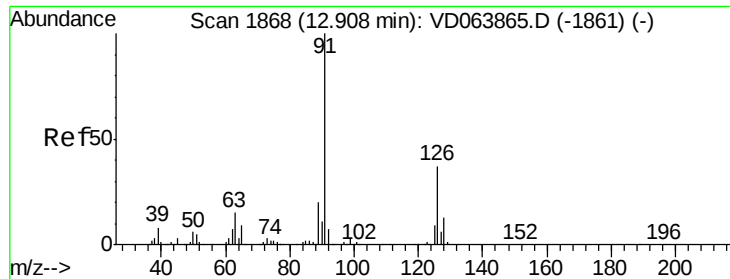
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

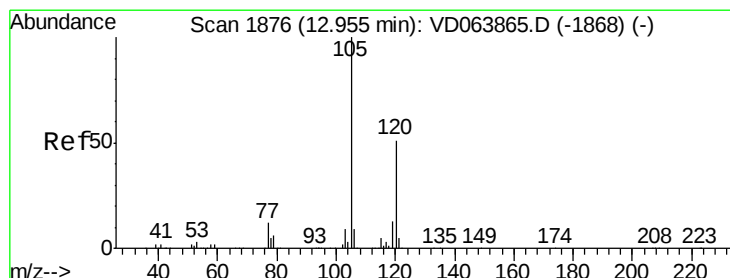
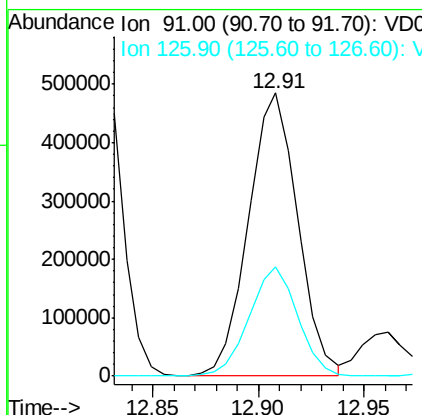
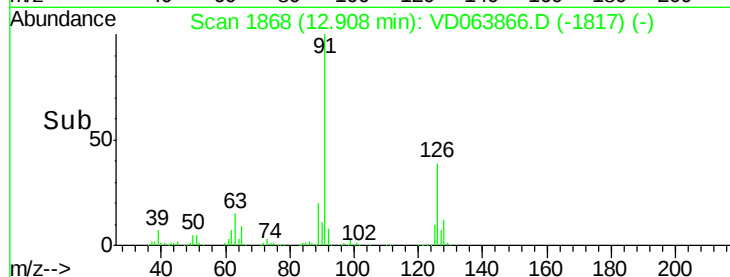
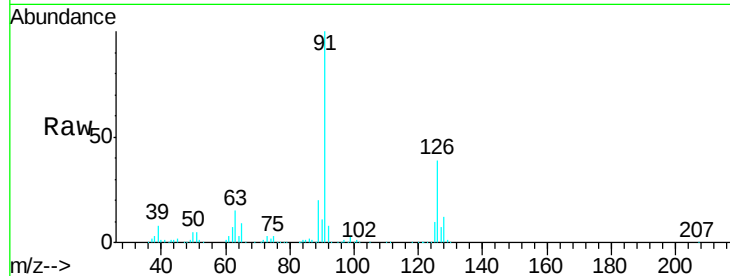




#79
2-Chlorotoluene
Concen: 95.553 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

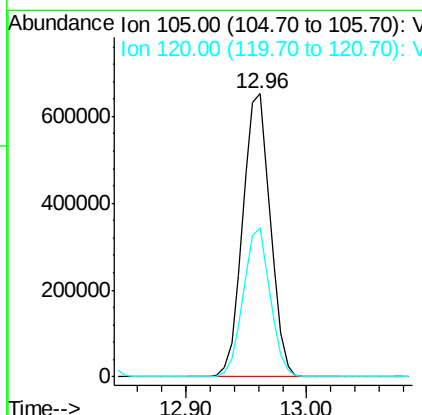
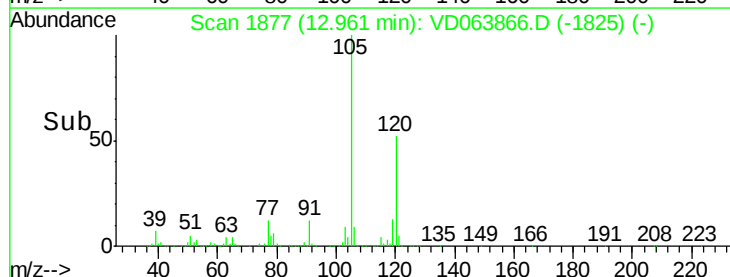
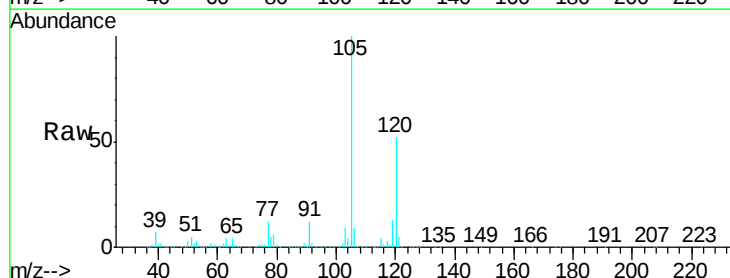
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

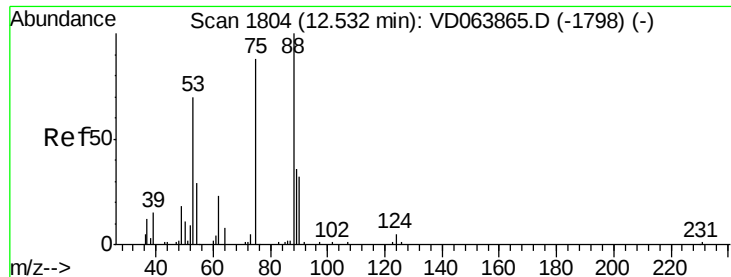
Tgt Ion: 91 Resp: 784744
Ion Ratio Lower Upper
91 100
126 37.9 18.4 55.2



#80
1,3,5-Trimethylbenzene
Concen: 96.621 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Tgt Ion: 105 Resp: 1042053
Ion Ratio Lower Upper
105 100
120 51.4 25.9 77.8





#81

trans-1,4-Dichloro-2-butene

Concen: 91.414 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

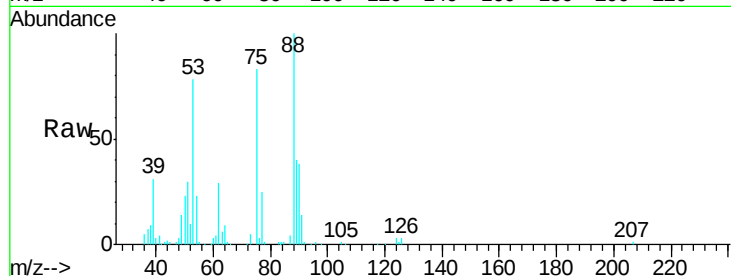
Tgt Ion: 75 Resp: 66220

Ion Ratio Lower Upper

75 100

53 91.9 75.0 112.6

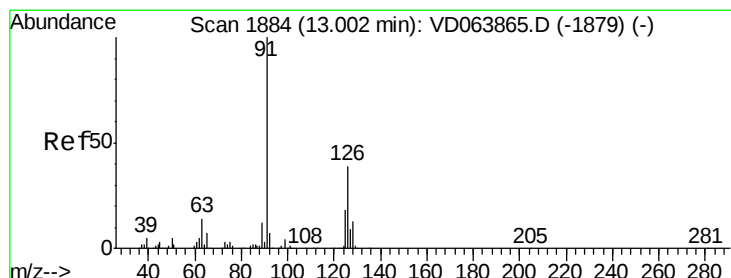
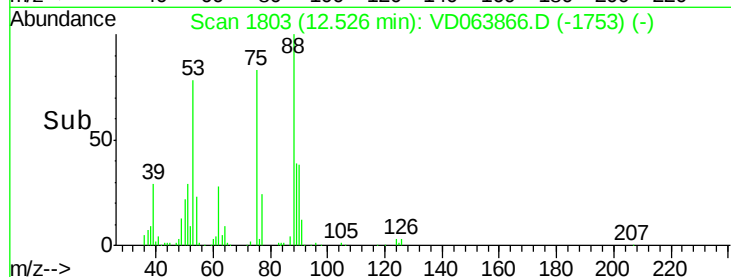
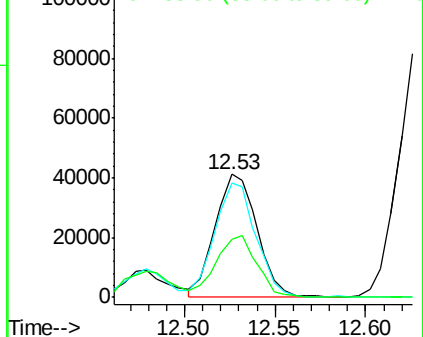
89 48.2 38.2 57.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 92.580 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VD063866.D

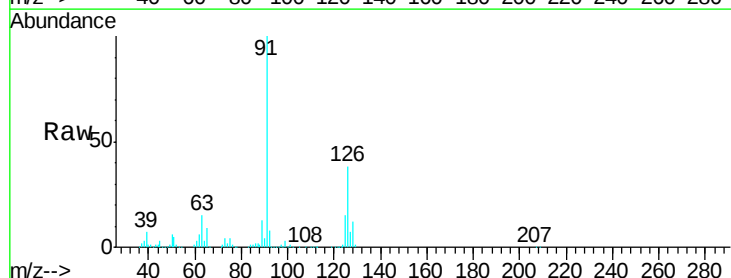
Acq: 02 Oct 2019 18:12

Tgt Ion: 91 Resp: 814007

Ion Ratio Lower Upper

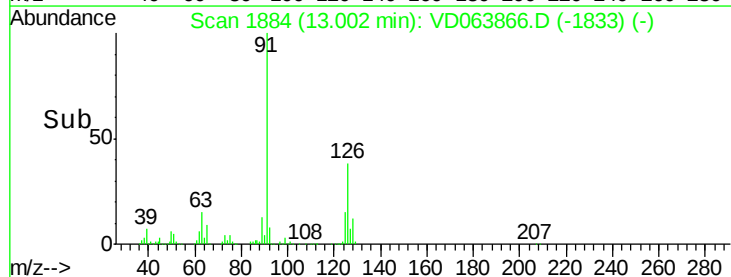
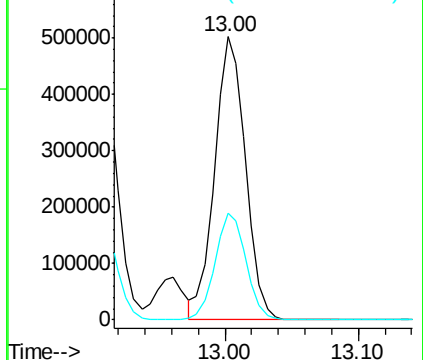
91 100

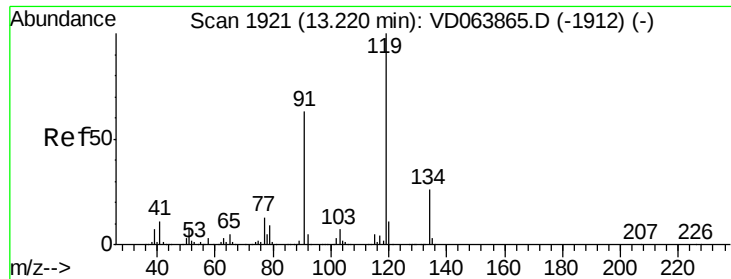
126 37.8 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): VDC

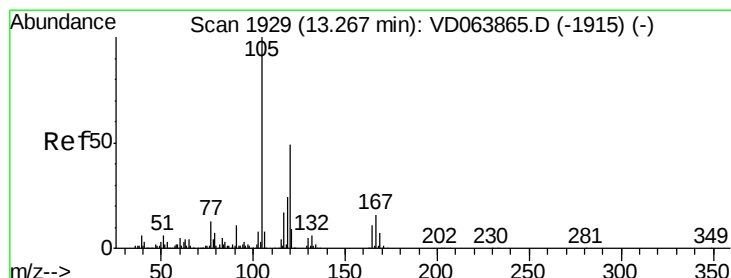
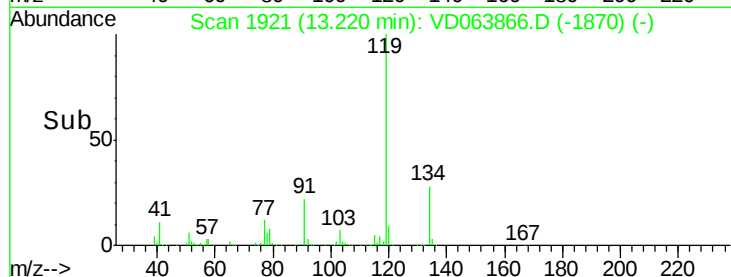
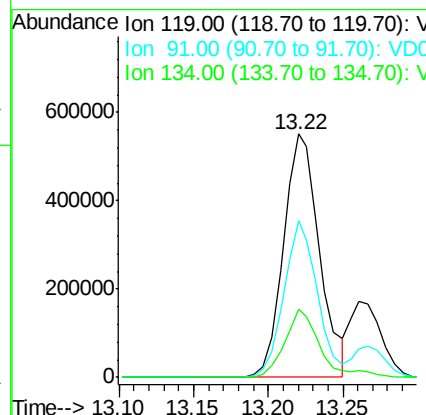
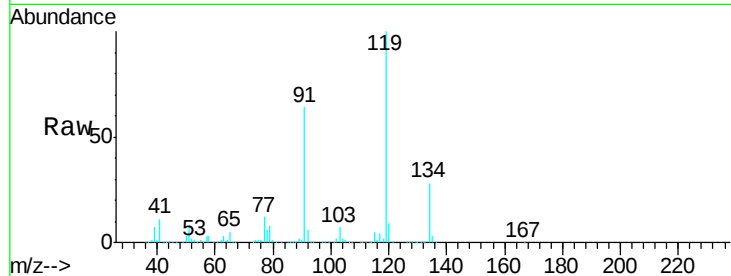




#83
 tert-Butylbenzene
 Concen: 97.926 ug/l
 RT: 13.22 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VD063866.D
 Acq: 02 Oct 2019 18:12

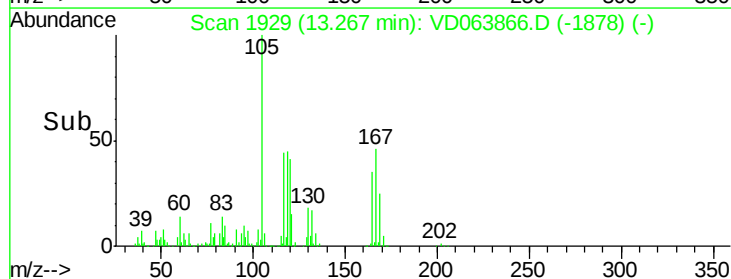
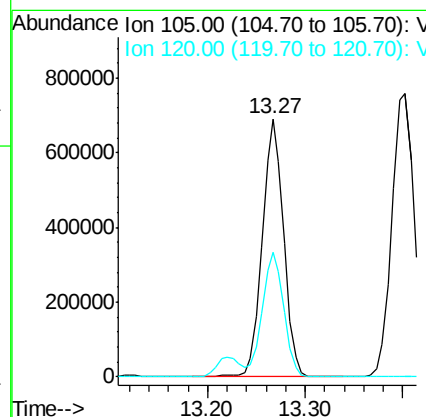
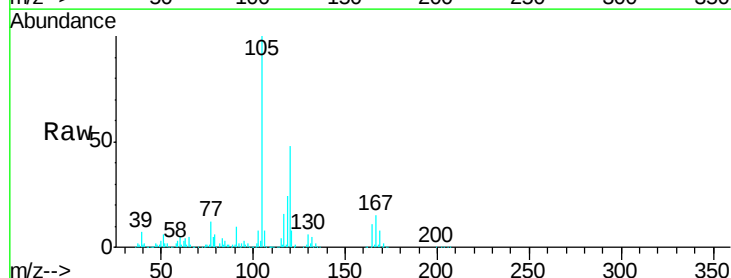
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

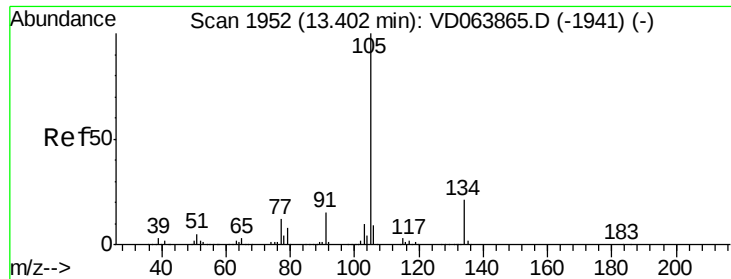
Tgt Ion:119 Resp: 926446
 Ion Ratio Lower Upper
 119 100
 91 60.0 30.0 90.0
 134 27.6 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 97.180 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VD063866.D
 Acq: 02 Oct 2019 18:12

Tgt Ion:105 Resp: 1064387
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.8 71.5

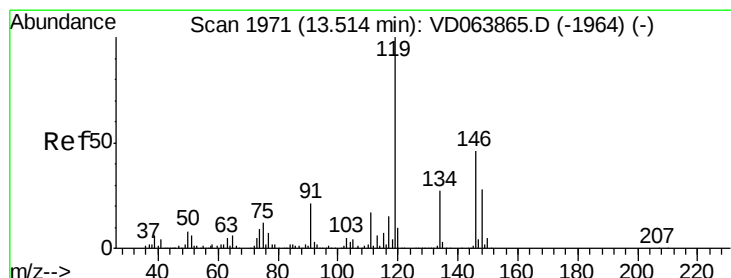
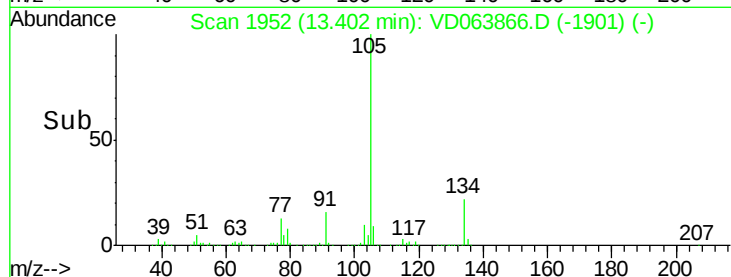
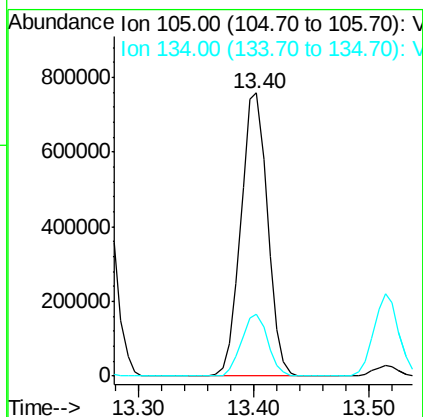
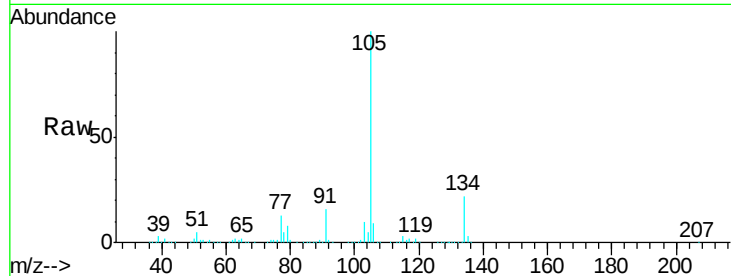




#85
 sec-Butylbenzene
 Concen: 92.750 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD063866.D
 Acq: 02 Oct 2019 18:12

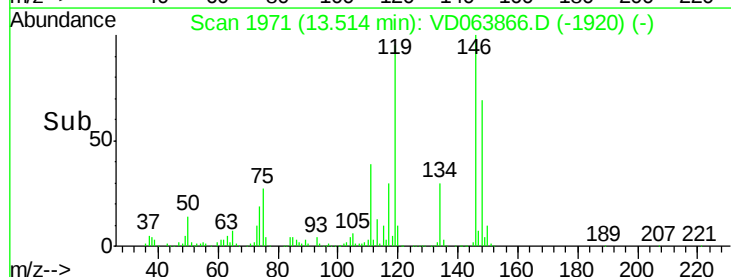
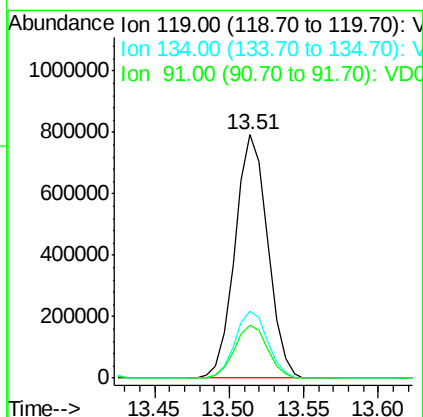
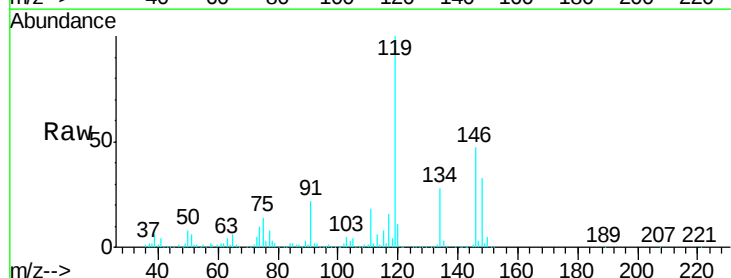
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

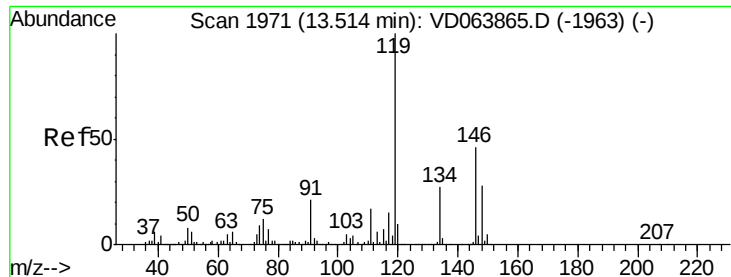
Tgt Ion:105 Resp: 1216257
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 97.934 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: VD063866.D
 Acq: 02 Oct 2019 18:12

Tgt Ion:119 Resp: 1203023
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.9 41.6
 91 22.0 11.2 33.5

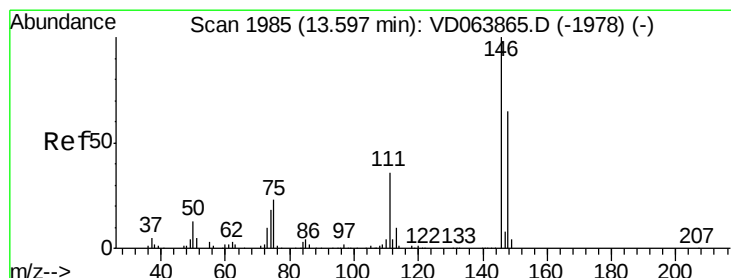
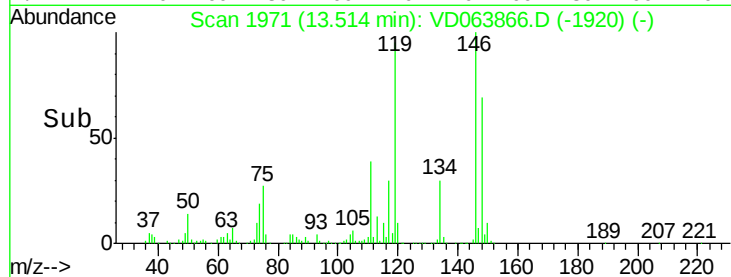
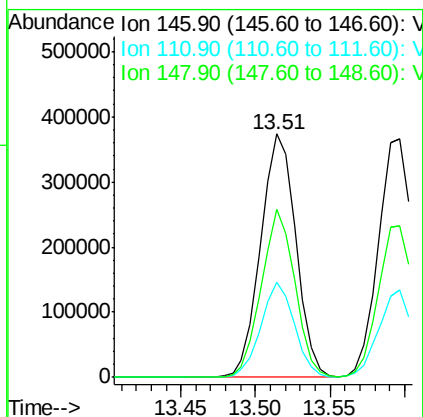
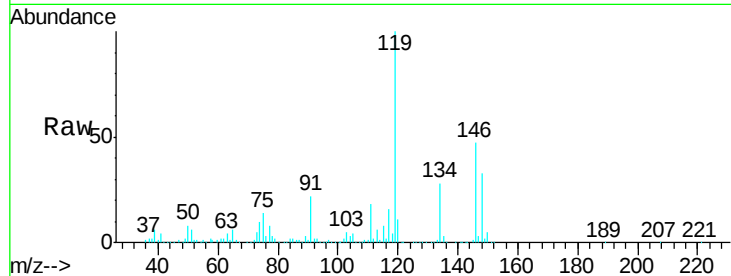




#87
 1,3-Dichlorobenzene
 Concen: 99.776 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: VD063866.D
 Acq: 02 Oct 2019 18:12

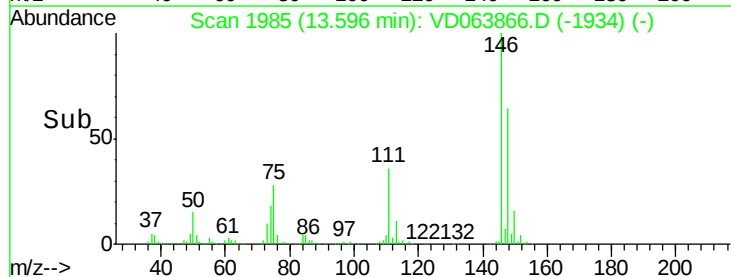
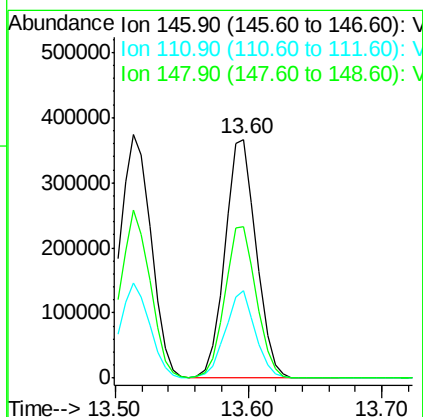
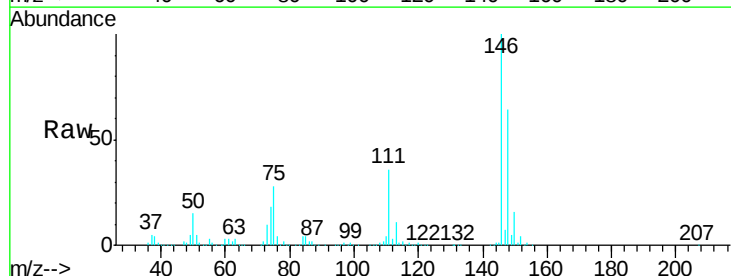
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

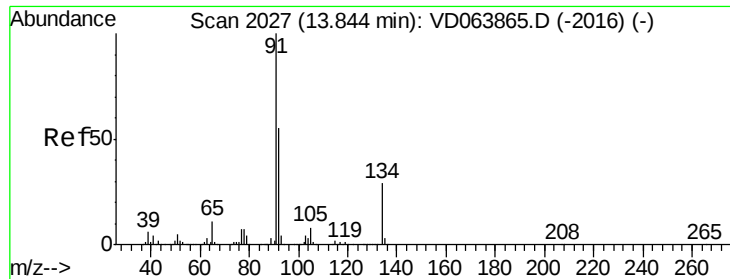
Tgt Ion:146 Resp: 611616
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.3 54.9
 148 65.7 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 98.066 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD063866.D
 Acq: 02 Oct 2019 18:12

Tgt Ion:146 Resp: 599978
 Ion Ratio Lower Upper
 146 100
 111 34.9 18.6 56.0
 148 64.0 32.6 98.0

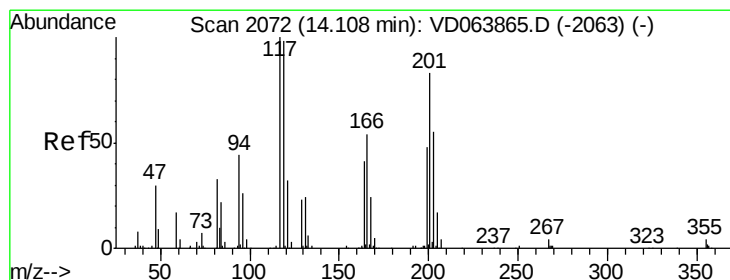
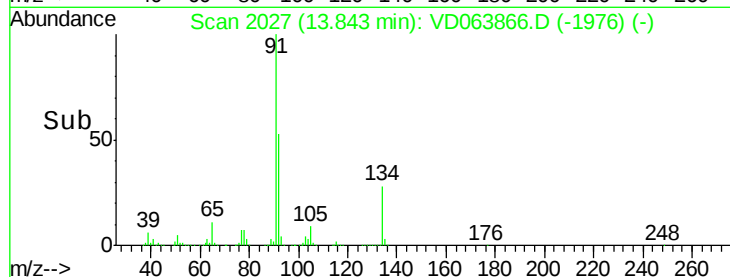
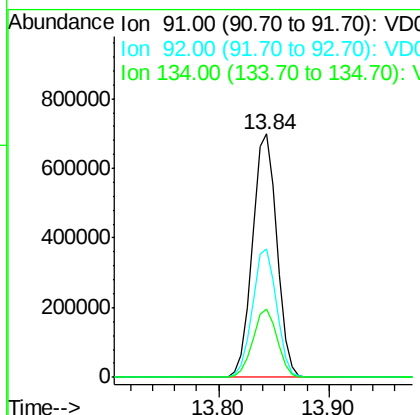
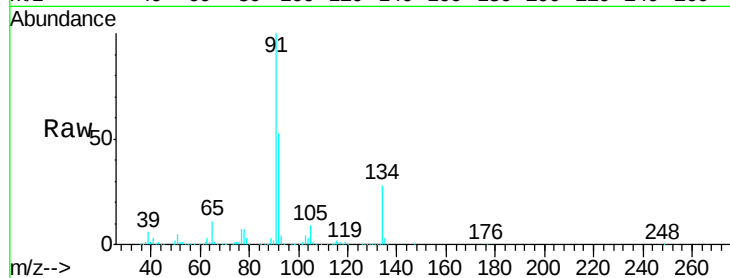




#89
n-Butylbenzene
Concen: 93.081 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

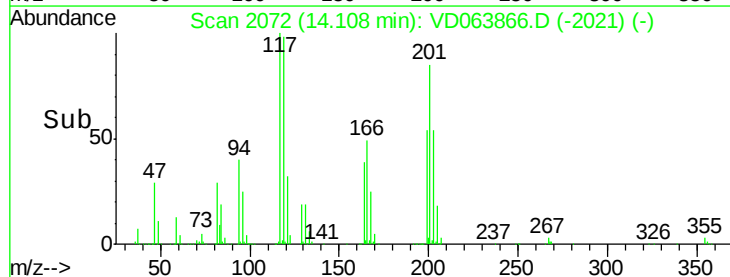
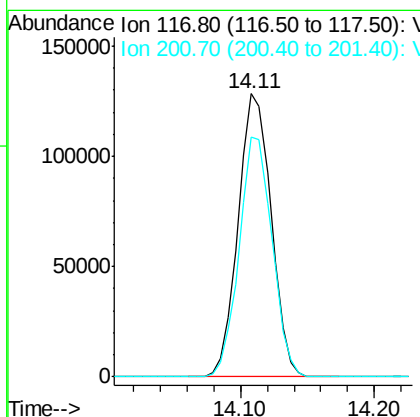
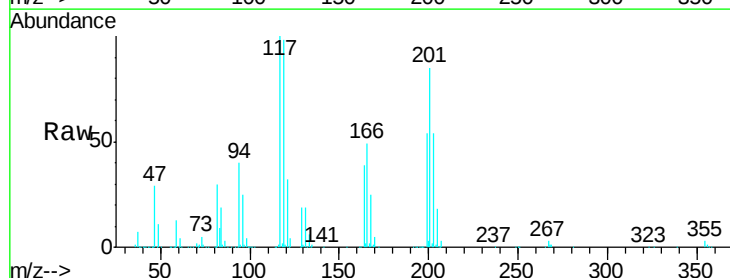
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

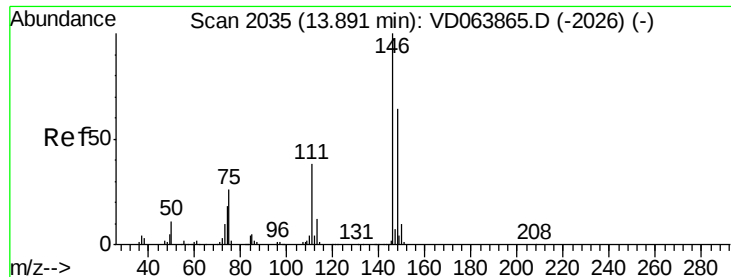
Tgt Ion: 91 Resp: 1084644
Ion Ratio Lower Upper
91 100
92 52.4 26.8 80.3
134 28.2 14.4 43.0



#90
Hexachloroethane
Concen: 96.647 ug/l
RT: 14.11 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Tgt Ion: 117 Resp: 219511
Ion Ratio Lower Upper
117 100
201 84.7 40.6 121.7





#91

1,2-Dichlorobenzene

Concen: 99.676 ug/l

RT: 13.88 min Scan# 2034

Delta R.T. -0.01 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

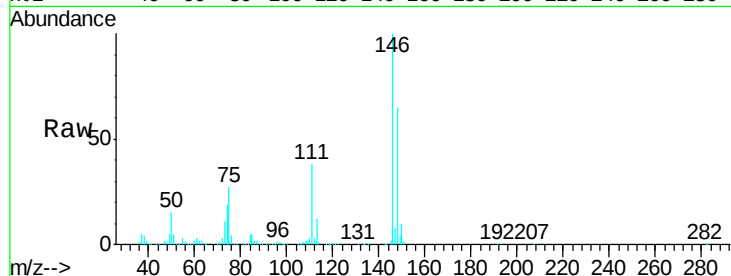
Tgt Ion:146 Resp: 526328

Ion Ratio Lower Upper

146 100

111 38.3 18.6 55.6

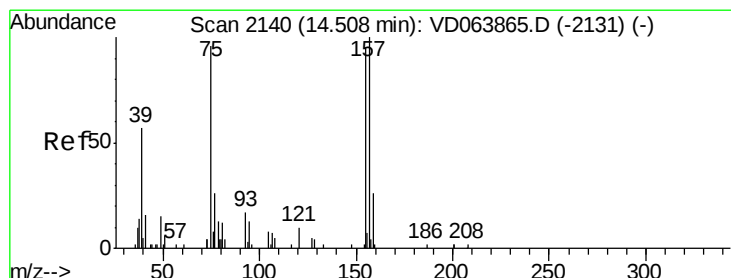
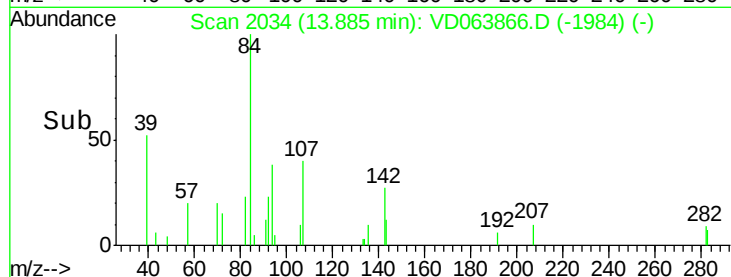
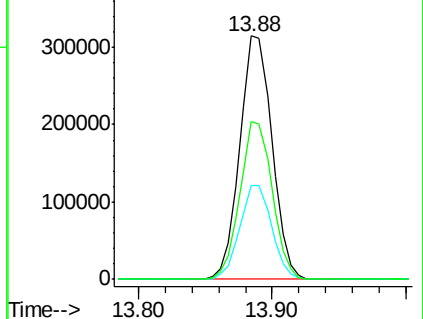
148 64.6 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 85.000 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VD063866.D

Acq: 02 Oct 2019 18:12

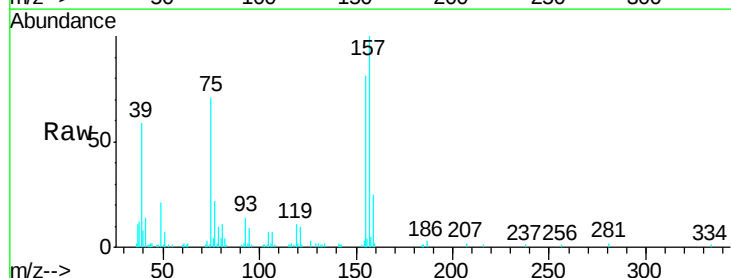
Tgt Ion: 75 Resp: 31777

Ion Ratio Lower Upper

75 100

155 109.8 43.9 131.6

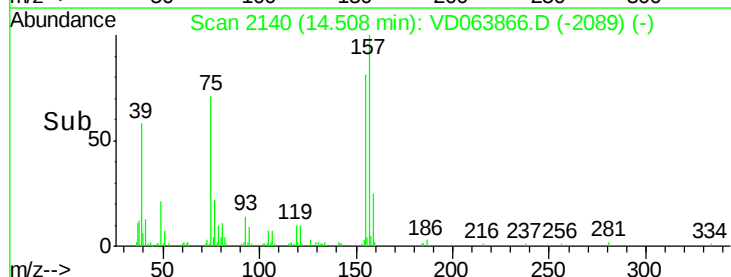
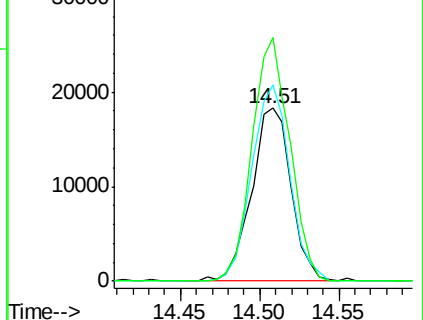
157 133.9 56.0 167.9

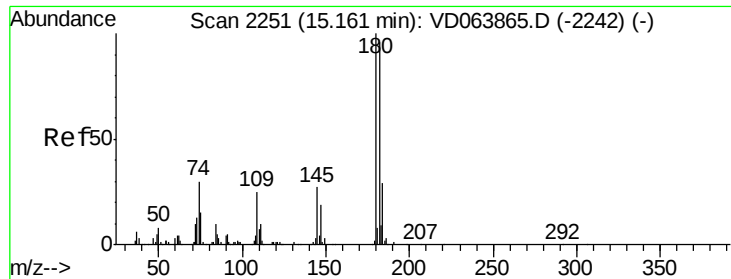


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

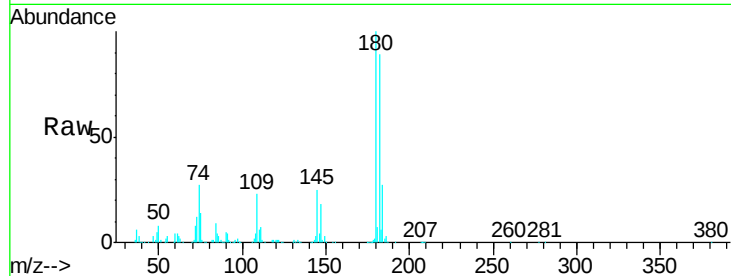




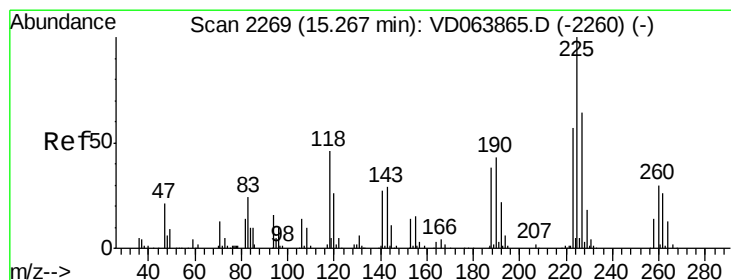
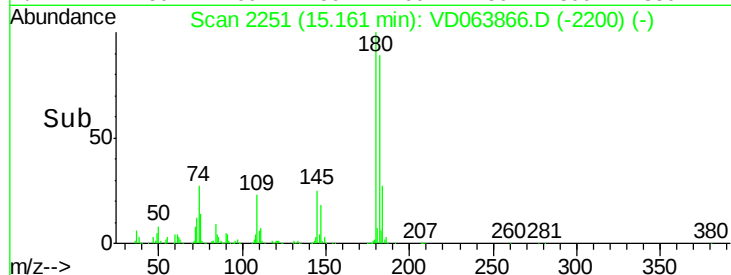
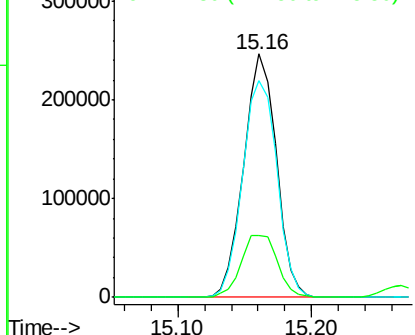
#93
 1,2,4-Trichlorobenzene
 Concen: 104.283 ug/l
 RT: 15.16 min Scan# 2251
 Delta R.T. -0.00 min
 Lab File: VD063866.D
 Acq: 02 Oct 2019 18:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 417011
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.4 142.3
 145 28.4 13.9 41.7

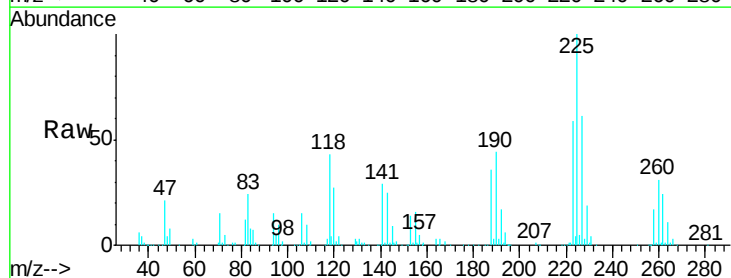


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

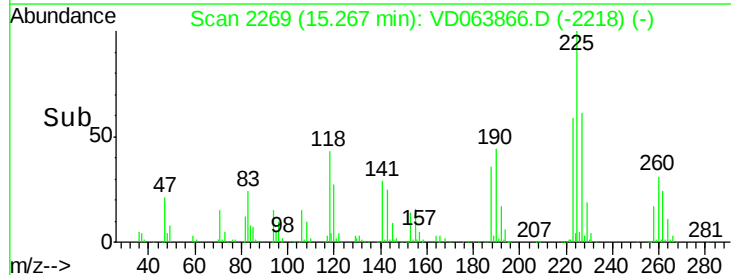
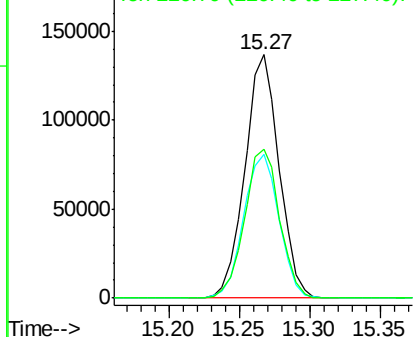


#94
 Hexachlorobutadiene
 Concen: 102.550 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: VD063866.D
 Acq: 02 Oct 2019 18:12

Tgt Ion:225 Resp: 232064
 Ion Ratio Lower Upper
 225 100
 223 61.2 29.5 88.6
 227 62.7 30.8 92.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

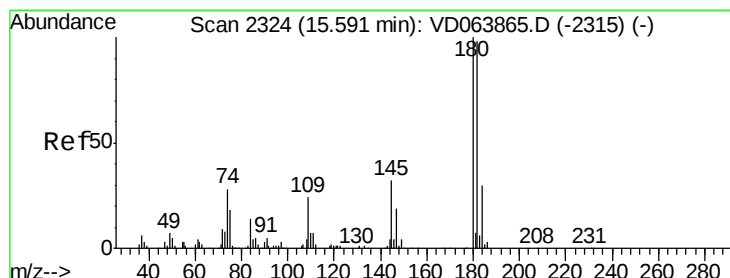
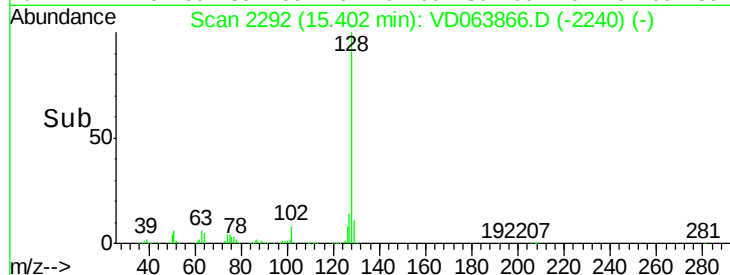
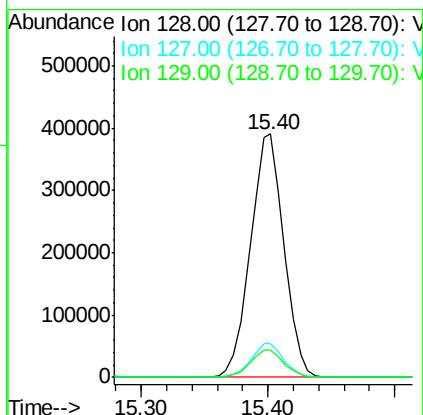
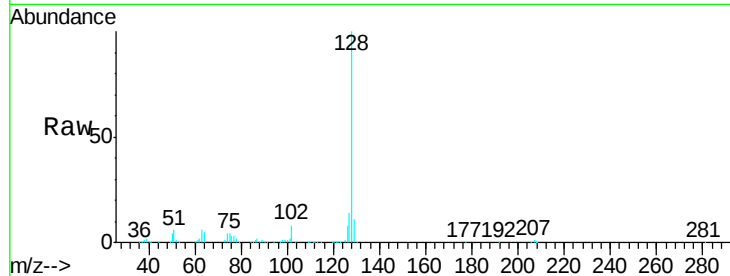




#95
Naphthalene
Concen: 99.149 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.01 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 714280
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 11.3 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 101.367 ug/l
RT: 15.59 min Scan# 2324
Delta R.T. -0.00 min
Lab File: VD063866.D
Acq: 02 Oct 2019 18:12

Tgt Ion:180 Resp: 359613
Ion Ratio Lower Upper
180 100
182 94.5 47.0 141.0
145 28.8 15.3 45.9

