

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080619\
 Data File : VD063396.D
 Acq On : 6 Aug 2019 13:57
 Operator : JC/SY
 Sample : VD0806SBSD01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBSD01

Quant Time: Aug 07 06:41:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1087475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1520853	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1207717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	682751	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	602971	49.97	ug/l	0.02
Spiked Amount	50.000		Recovery	=	99.94%	
35) Dibromofluoromethane	6.93	113	705338	54.32	ug/l	0.02
Spiked Amount	50.000		Recovery	=	108.64%	
50) Toluene-d8	10.41	98	1589916	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
62) 4-Bromofluorobenzene	13.55	95	635605	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	249861	18.797	ug/l	99
3) Chloromethane	1.74	50	206495	19.994	ug/l	91
4) Vinyl Chloride	1.85	62	199260	18.637	ug/l	94
5) Bromomethane	2.14	94	89123	16.528	ug/l	93
6) Chloroethane	2.25	64	99824	20.223	ug/l	96
7) Trichlorofluoromethane	2.53	101	380960	18.367	ug/l	96
8) Diethyl Ether	2.87	74	49356	17.002	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.15	101	221116	19.245	ug/l	96
10) Methyl Iodide	3.30	142	283553	17.084	ug/l	95
11) Tert butyl alcohol	4.08	59	40080	75.688	ug/l	99
12) 1,1-Dichloroethene	3.12	96	157742	18.701	ug/l	92
13) Acrolein	3.04	56	32774	64.309	ug/l	97
14) Allyl chloride	3.62	41	251470	18.715	ug/l	95
15) Acrylonitrile	4.19	53	134104	97.681	ug/l	95
16) Acetone	3.23	43	218538	92.954	ug/l	98
17) Carbon Disulfide	3.36	76	535412	18.964	ug/l	96
18) Methyl Acetate	3.64	43	92877	20.566	ug/l	96
19) Methyl tert-butyl Ether	4.25	73	369079	19.371	ug/l	100
20) Methylene Chloride	3.81	84	195269	20.548	ug/l	96
21) trans-1,2-Dichloroethene	4.21	96	190899	20.171	ug/l	93
22) Diisopropyl ether	5.13	45	533215	19.862	ug/l	97
23) Vinyl Acetate	5.06	43	1606238	97.335	ug/l	98
24) 1,1-Dichloroethane	4.98	63	335862	19.586	ug/l #	97
25) 2-Butanone	6.08	43	225996	95.783	ug/l	93
26) 2,2-Dichloropropane	6.02	77	335645	18.994	ug/l	98
27) cis-1,2-Dichloroethene	6.03	96	202951	20.001	ug/l	97
28) Bromochloromethane	6.44	49	131743	19.283	ug/l	94
29) Tetrahydrofuran	6.47	42	105638	94.566	ug/l	97
30) Chloroform	6.67	83	404929	19.028	ug/l	90
31) Cyclohexane	6.96	56	218381	20.318	ug/l	94
32) 1,1,1-Trichloroethane	6.88	97	409123	19.876	ug/l	94
36) 1,1-Dichloropropene	7.14	75	280846	20.234	ug/l	98
37) Ethyl Acetate	6.19	43	105533	16.924	ug/l #	94
38) Carbon Tetrachloride	7.11	117	385815	18.464	ug/l	99

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Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	216019	18.680	ug/l	94
40) Benzene	7.46	78	568429	19.541	ug/l	96
41) Methacrylonitrile	6.46	41	136313	18.275	ug/l #	82
42) 1,2-Dichloroethane	7.58	62	277691	18.012	ug/l	97
43) Isopropyl Acetate	9.24	43	161019	20.215	ug/l #	94
44) Trichloroethene	8.54	130	237333	20.135	ug/l	97
45) 1,2-Dichloropropane	8.95	63	147285	19.920	ug/l	98
46) Dibromomethane	9.06	93	114011	18.545	ug/l	82
47) Bromodichloromethane	9.38	83	294298	18.779	ug/l	99
48) Methyl methacrylate	9.12	41	92060	17.820	ug/l	95
49) 1,4-Dioxane	9.08	88	17495	397.297	ug/l	91
51) 4-Methyl-2-Pentanone	10.30	43	499717	92.248	ug/l	94
52) Toluene	10.51	92	383856	19.840	ug/l	93
53) t-1,3-Dichloropropene	10.91	75	241902	17.904	ug/l	96
54) cis-1,3-Dichloropropene	10.04	75	280667	19.766	ug/l	96
55) 1,1,2-Trichloroethane	11.19	97	131304	20.095	ug/l	93
56) Ethyl methacrylate	11.04	69	137279	19.186	ug/l	96
57) 1,3-Dichloropropane	11.41	76	184238	17.895	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.86	63	371077	99.668	ug/l	100
59) 2-Hexanone	11.54	43	361364	92.568	ug/l	91
60) Dibromochloromethane	11.69	129	232331	18.834	ug/l	99
61) 1,2-Dibromoethane	11.81	107	154610	19.176	ug/l	94
64) Tetrachloroethene	11.26	164	201013	20.892	ug/l	97
65) Chlorobenzene	12.40	112	436320	18.783	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	193012	18.863	ug/l	95
67) Ethyl Benzene	12.53	91	763376	19.344	ug/l	98
68) m/p-Xylenes	12.67	106	614002	42.427	ug/l	97
69) o-Xylene	13.05	106	273631	20.590	ug/l	97
70) Styrene	13.07	104	501804	21.291	ug/l	98
71) Bromoform	13.24	173	150489	20.224	ug/l	99
73) Isopropylbenzene	13.41	105	845839	19.739	ug/l	96
74) N-amyl acetate	13.27	43	224199	19.791	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	144210	19.812	ug/l	93
76) 1,2,3-Trichloropropane	13.73	75	162305	19.792	ug/l	99
77) Bromobenzene	13.67	156	242567	19.871	ug/l	92
78) n-propylbenzene	13.78	91	1025368	20.107	ug/l	99
79) 2-Chlorotoluene	13.84	91	577522	19.545	ug/l	93
80) 1,3,5-Trimethylbenzene	13.94	105	751373	20.330	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	40151	17.632	ug/l	96
82) 4-Chlorotoluene	13.95	91	682583	19.629	ug/l	94
83) tert-Butylbenzene	14.19	119	864530	20.486	ug/l	92
84) 1,2,4-Trimethylbenzene	14.24	105	749173	19.597	ug/l	98
85) sec-Butylbenzene	14.37	105	861395	19.374	ug/l	99
86) p-Isopropyltoluene	14.49	119	838690	19.763	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	418420	19.355	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	424820	19.433	ug/l	95
89) n-Butylbenzene	14.80	91	750621	20.480	ug/l	98
90) Hexachloroethane	15.01	117	202741	18.337	ug/l	95
91) 1,2-Dichlorobenzene	14.81	146	373571	19.834	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	15.38	75	25093	16.924	ug/l	62

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Instrument :
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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration

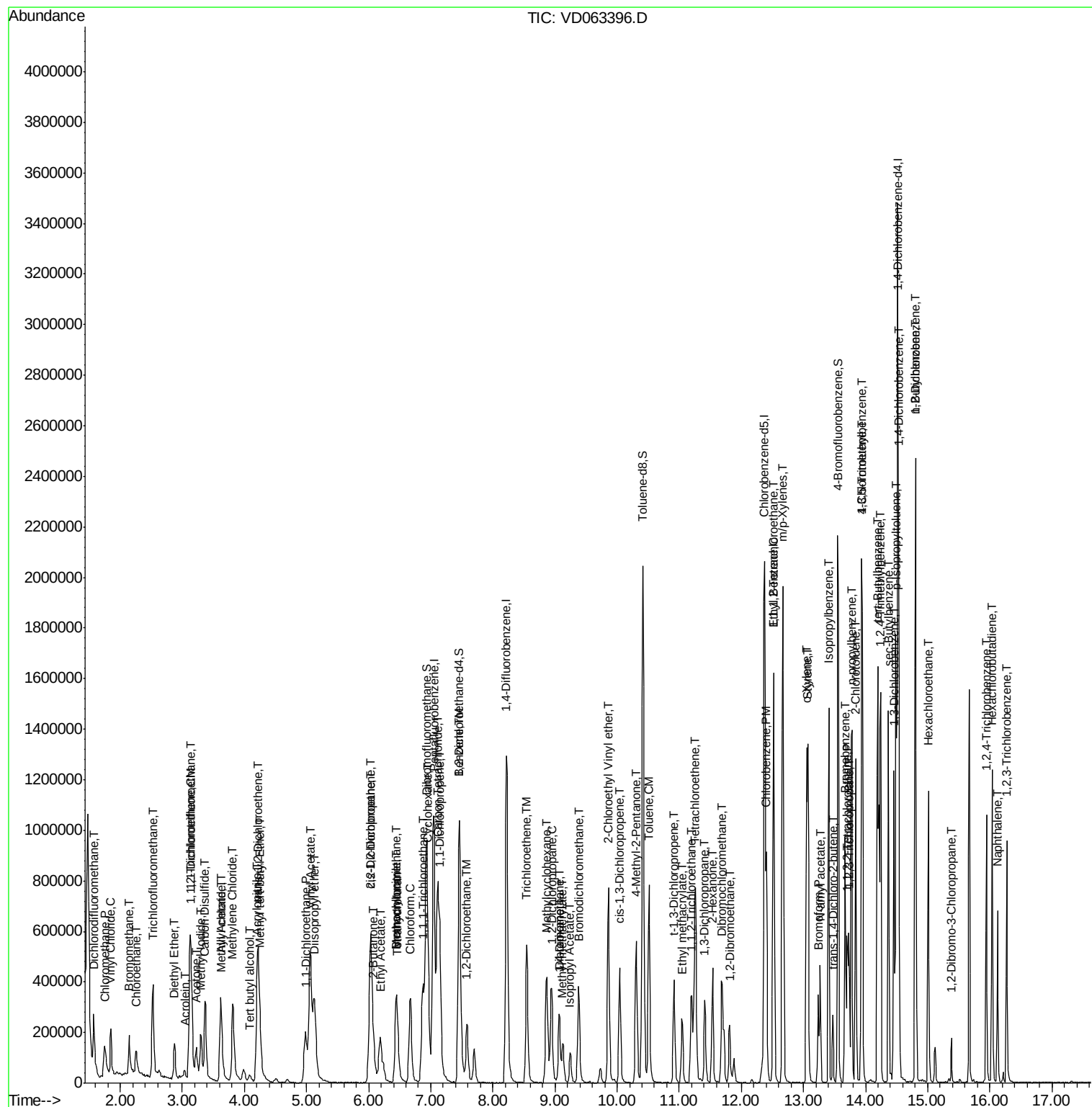
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	263379	17.627	ug/l	99
94) Hexachlorobutadiene	16.03	225	209438	19.342	ug/l	95
95) Naphthalene	16.12	128	381002	18.041	ug/l	97
96) 1,2,3-Trichlorobenzene	16.27	180	222364	18.838	ug/l	93

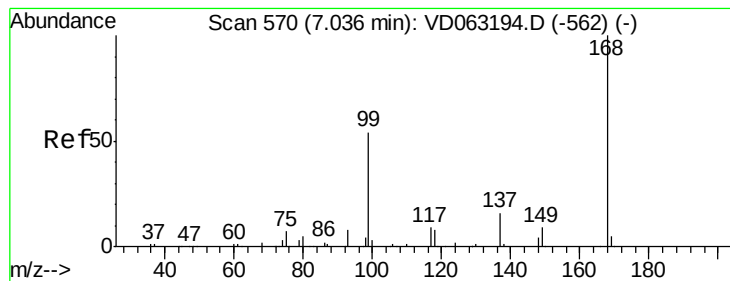
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 07 06:41:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

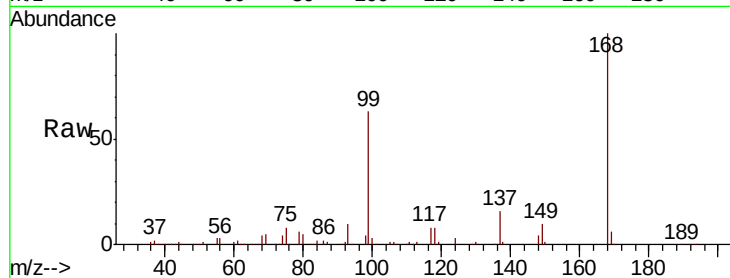
VD0806SBSD01

Tgt Ion:168 Resp: 1087475

Ion Ratio Lower Upper

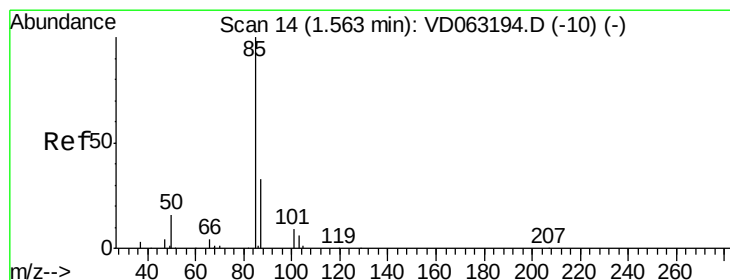
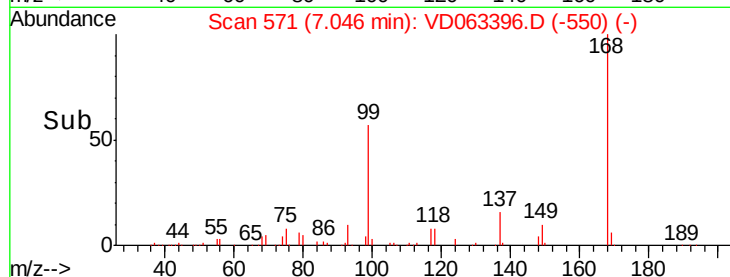
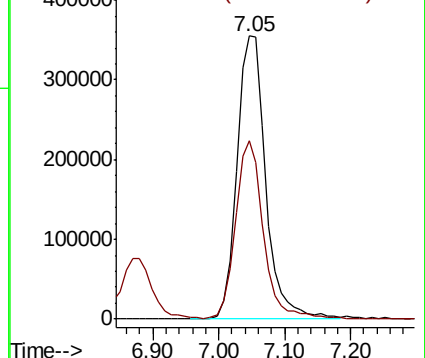
168 100

99 62.9 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 18.797 ug/l

RT: 1.57 min Scan# 15

Delta R.T. 0.01 min

Lab File: VD063396.D

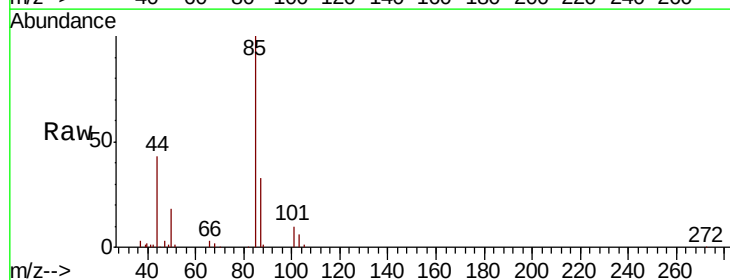
Acq: 6 Aug 2019 13:57

Tgt Ion: 85 Resp: 249861

Ion Ratio Lower Upper

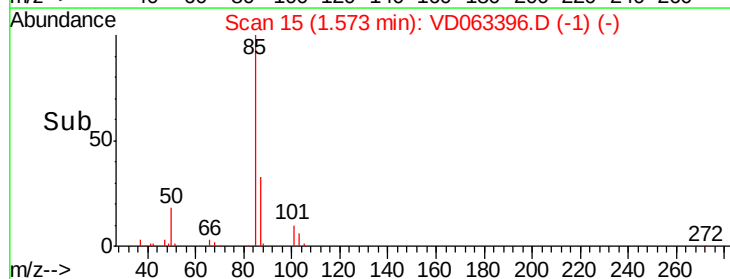
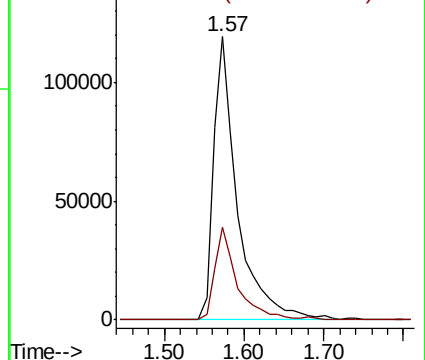
85 100

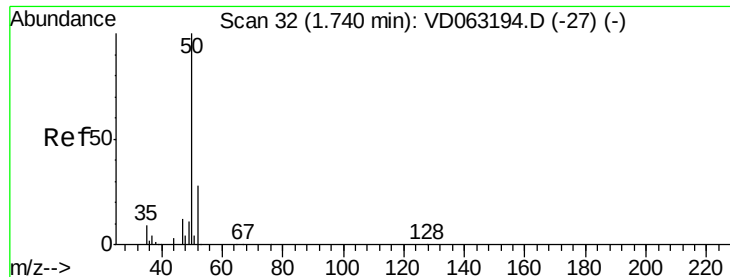
87 32.8 16.6 49.7



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.994 ug/l

RT: 1.74 min Scan# 32

Delta R.T. -0.00 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

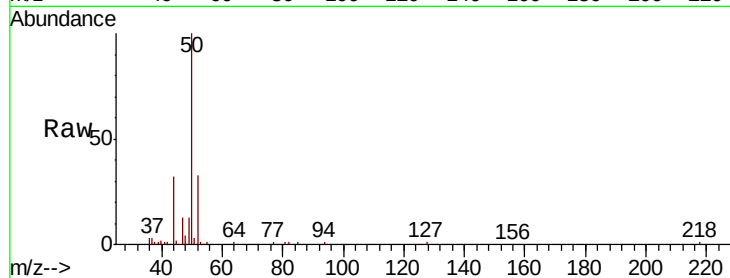
VD0806SBSD01

Tgt Ion: 50 Resp: 206495

Ion Ratio Lower Upper

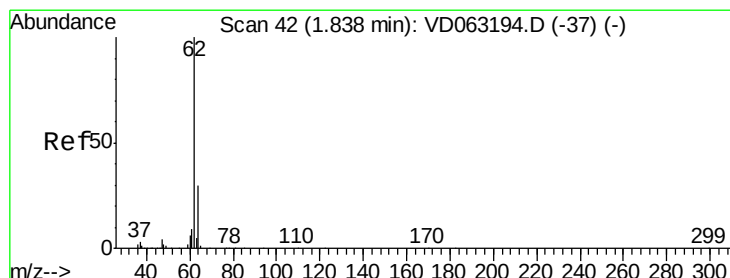
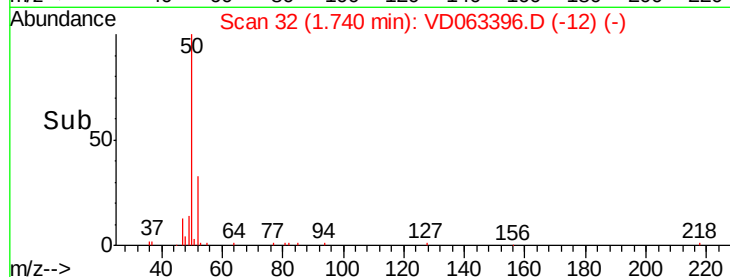
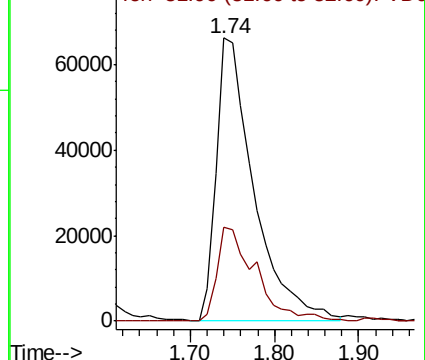
50 100

52 33.1 22.6 34.0



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 18.637 ug/l

RT: 1.85 min Scan# 43

Delta R.T. 0.01 min

Lab File: VD063396.D

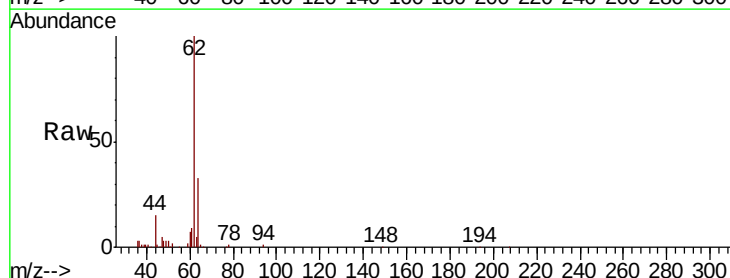
Acq: 6 Aug 2019 13:57

Tgt Ion: 62 Resp: 199260

Ion Ratio Lower Upper

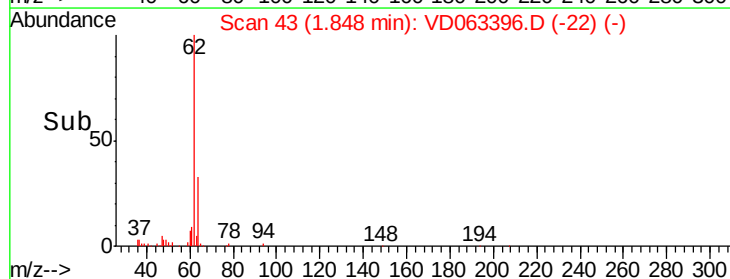
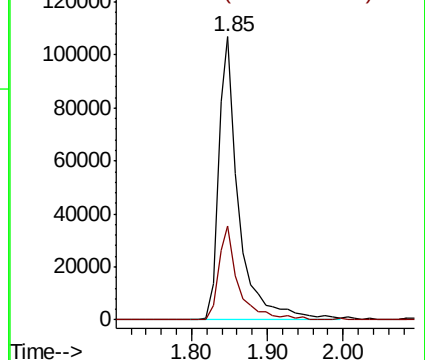
62 100

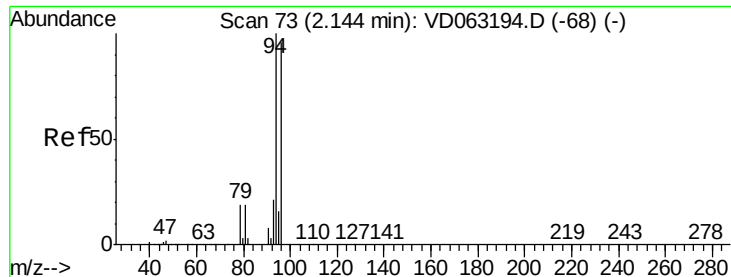
64 33.1 24.1 36.1



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 16.528 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

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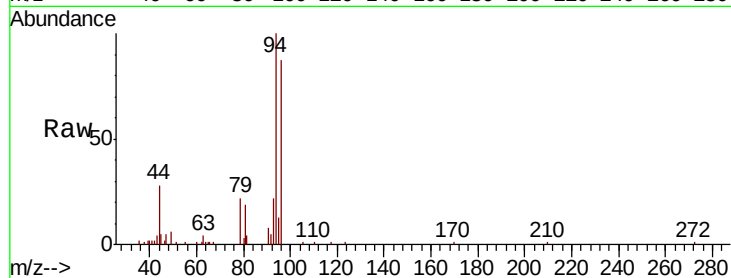
Tgt Ion: 94 Resp: 89123

Ion Ratio Lower Upper

94 100

96 86.9 76.4 114.6

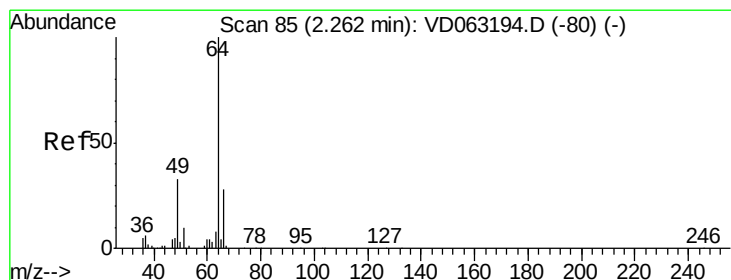
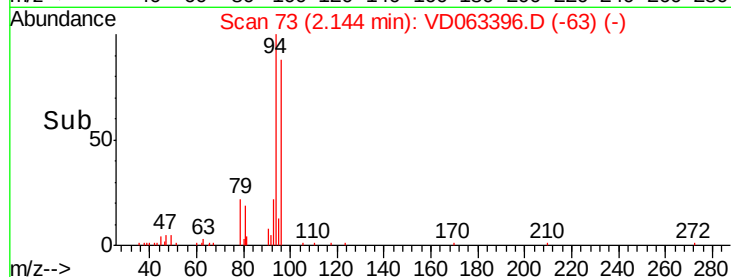
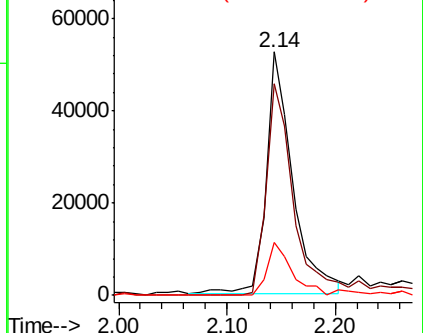
93 21.9 17.3 25.9



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 20.223 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VD063396.D

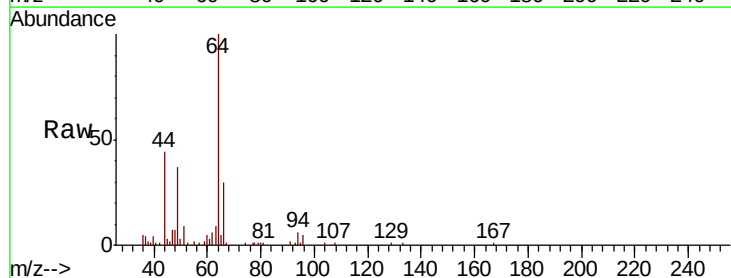
Acq: 6 Aug 2019 13:57

Tgt Ion: 64 Resp: 99824

Ion Ratio Lower Upper

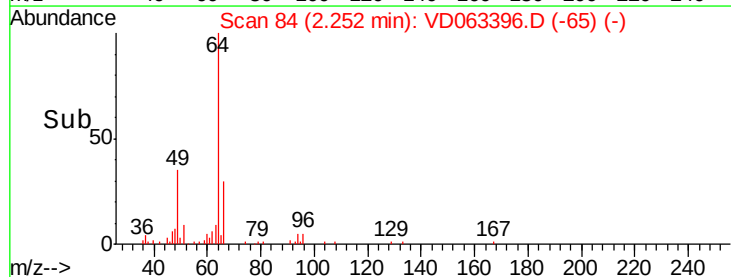
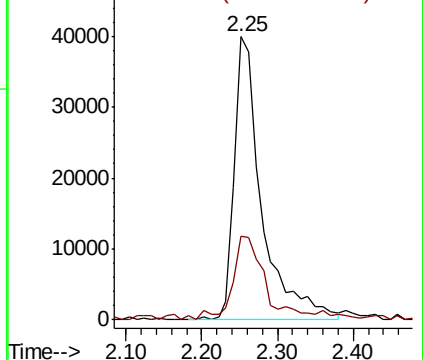
64 100

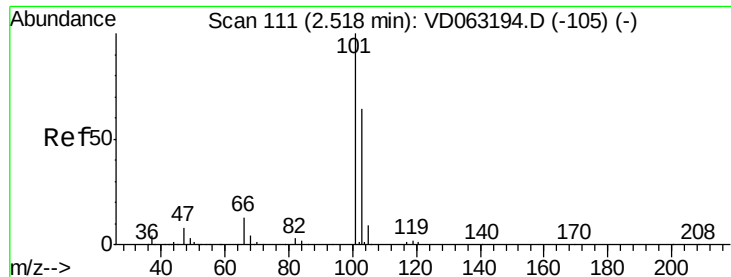
66 29.7 22.2 33.2



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



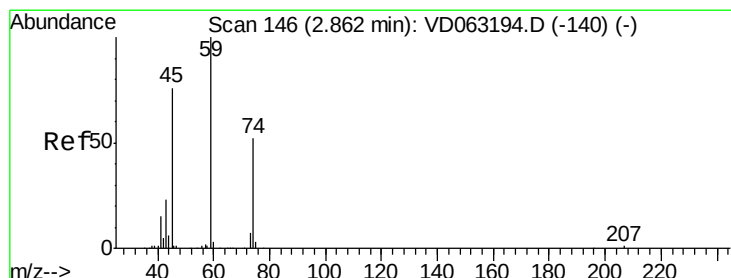
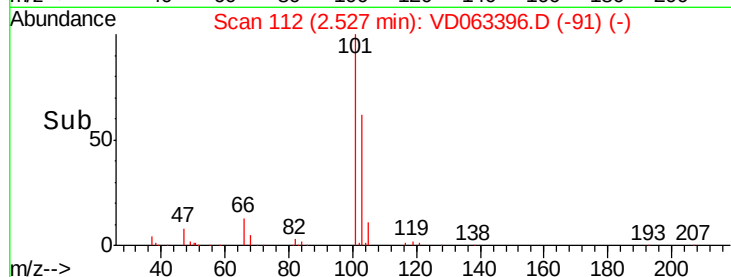
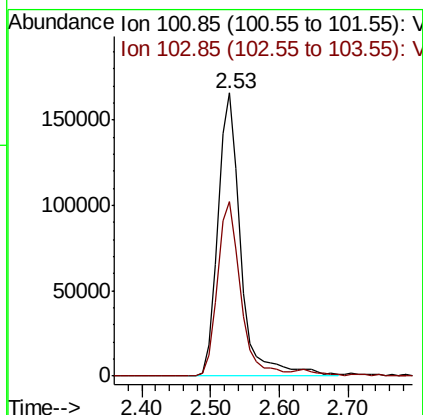
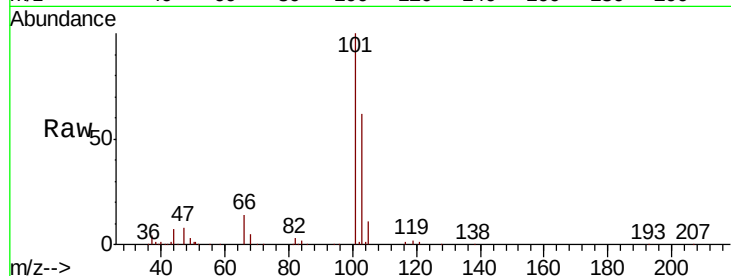


#7

Trichlorofluoromethane
Concen: 18.367 ug/l
RT: 2.53 min Scan# 112
Delta R.T. 0.01 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

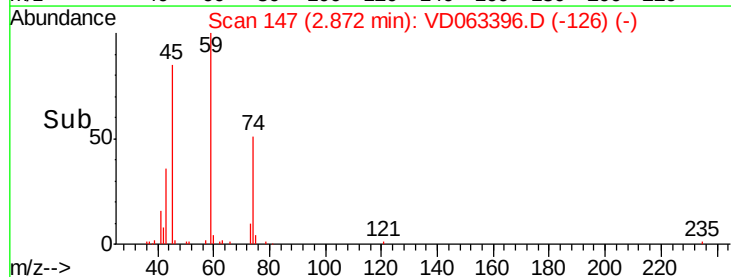
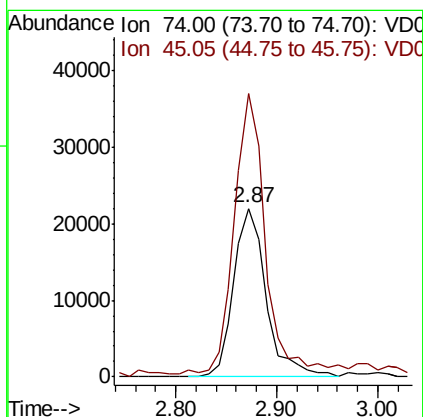
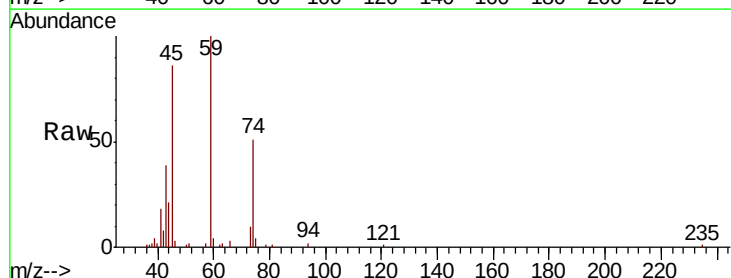
Tgt Ion:101 Resp: 380960
Ion Ratio Lower Upper
101 100
103 61.6 51.5 77.3

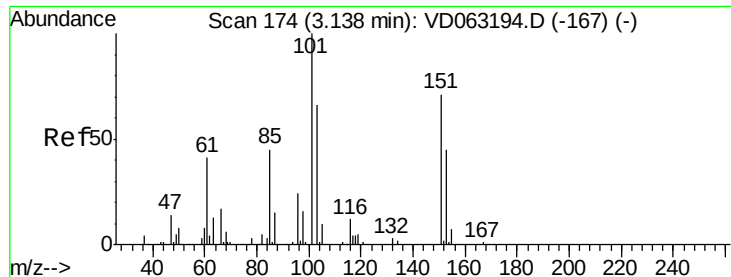


#8

Diethyl Ether
Concen: 17.002 ug/l
RT: 2.87 min Scan# 147
Delta R.T. 0.01 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

Tgt Ion: 74 Resp: 49356
Ion Ratio Lower Upper
74 100
45 167.8 73.6 220.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.245 ug/l

RT: 3.15 min Scan# 175

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

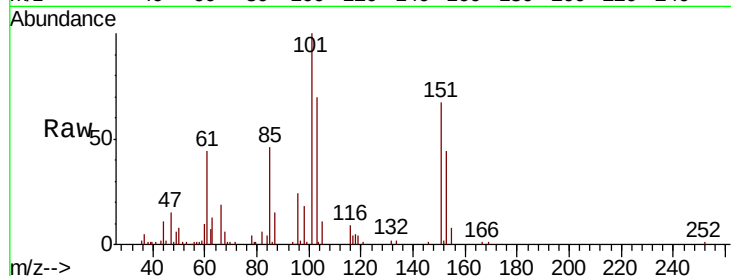
Tgt Ion:101 Resp: 221116

Ion Ratio Lower Upper

101 100

85 45.9 36.1 54.1

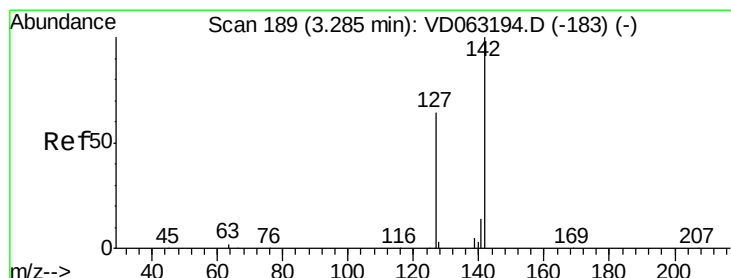
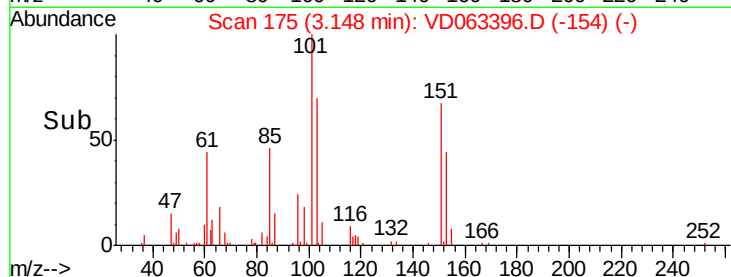
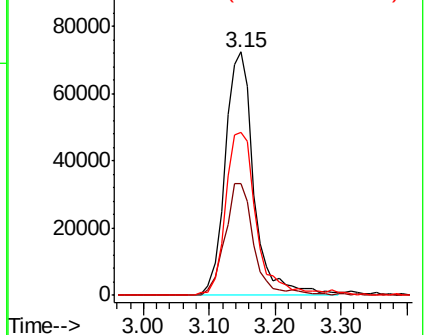
151 67.0 57.1 85.7



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 17.084 ug/l

RT: 3.30 min Scan# 190

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

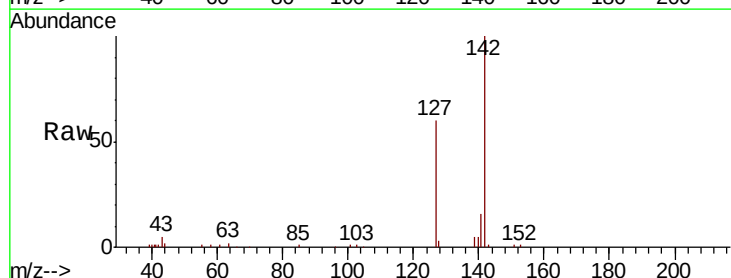
Tgt Ion:142 Resp: 283553

Ion Ratio Lower Upper

142 100

127 59.8 50.8 76.2

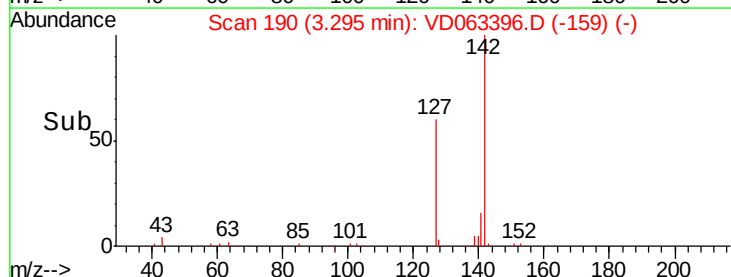
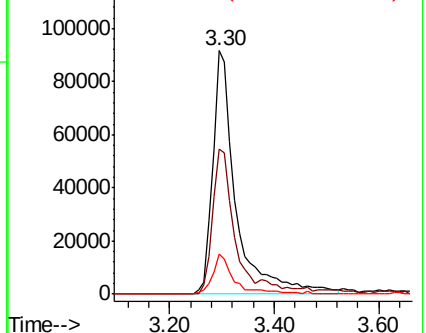
141 16.3 11.4 17.2

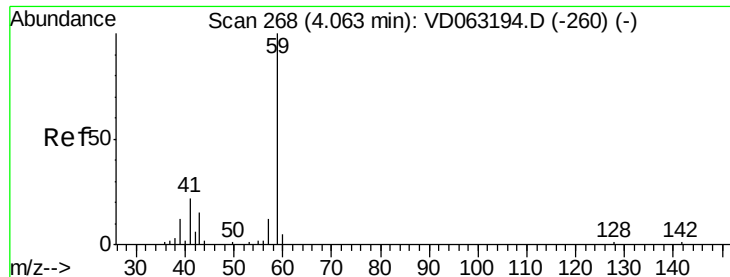


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

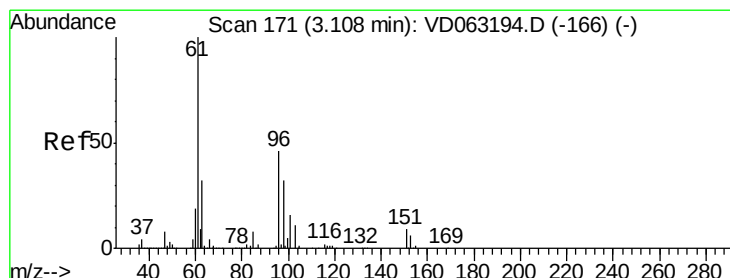
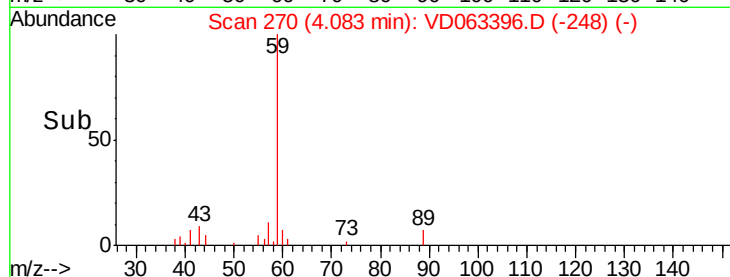
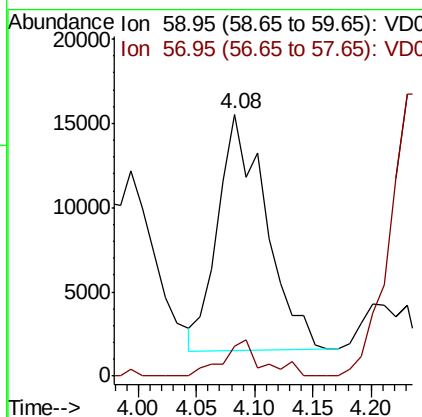
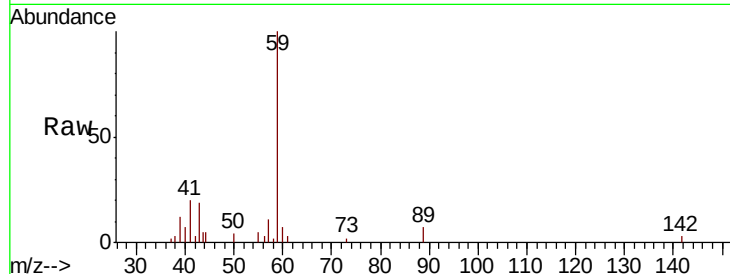




#11
Tert butyl alcohol
Concen: 75.688 ug/l
RT: 4.08 min Scan# 270
Delta R.T. 0.02 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

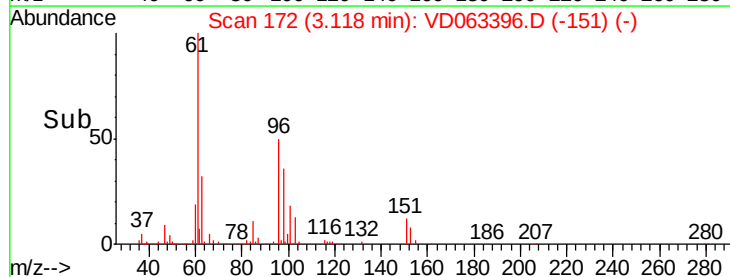
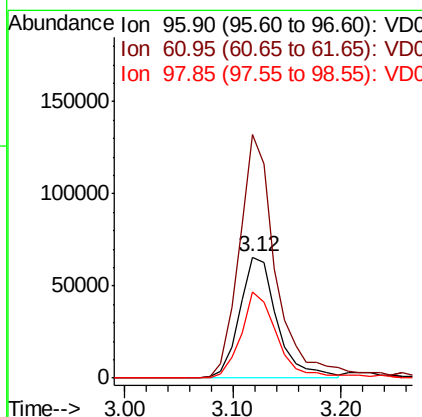
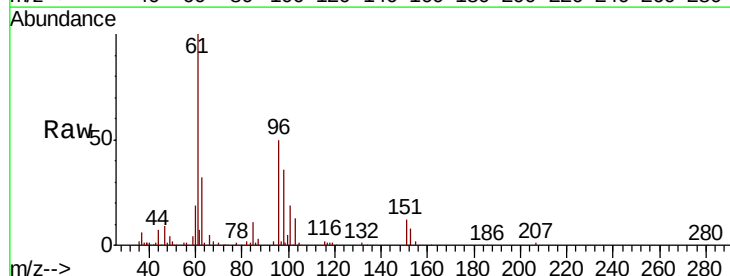
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

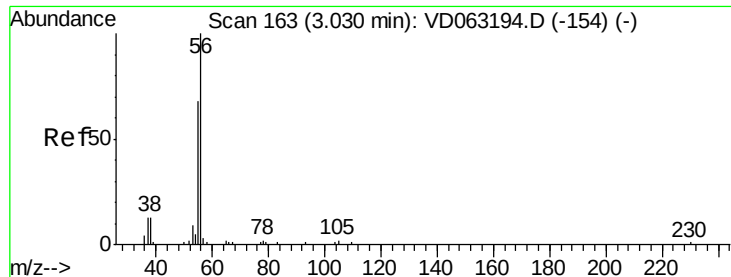
Tgt Ion: 59 Resp: 40080
Ion Ratio Lower Upper
59 100
57 11.4 9.6 14.4



#12
1,1-Dichloroethene
Concen: 18.701 ug/l
RT: 3.12 min Scan# 172
Delta R.T. 0.01 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

Tgt Ion: 96 Resp: 157742
Ion Ratio Lower Upper
96 100
61 201.5 173.7 260.5
98 71.7 55.8 83.8





#13

Acrolein

Concen: 64.309 ug/l

RT: 3.04 min Scan# 164

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

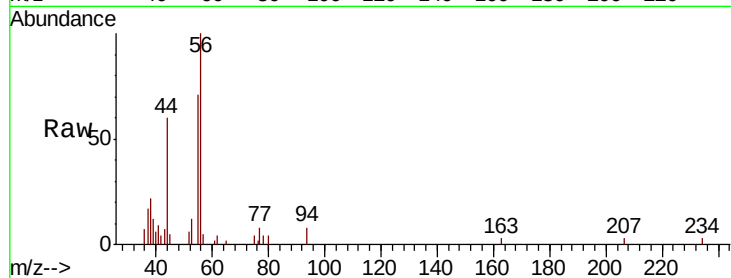
VD0806SBSD01

Tgt Ion: 56 Resp: 32774

Ion Ratio Lower Upper

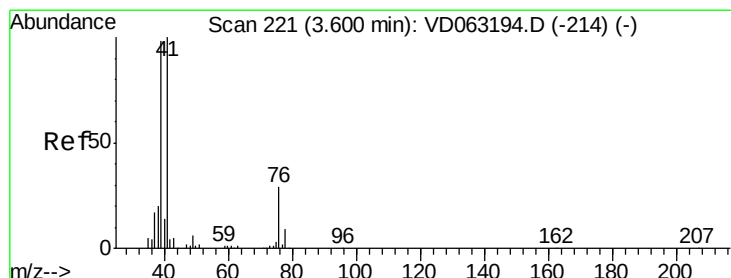
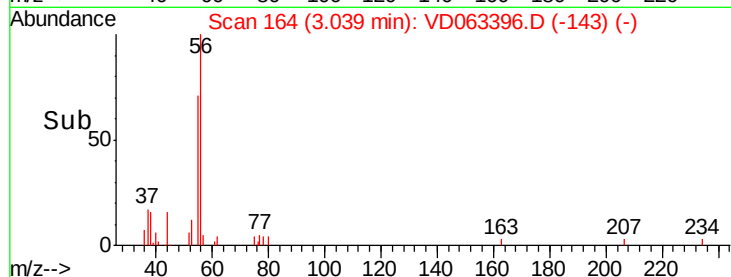
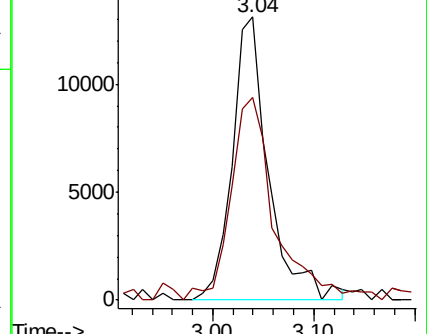
56 100

55 71.5 55.3 82.9



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 18.715 ug/l

RT: 3.62 min Scan# 223

Delta R.T. 0.02 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

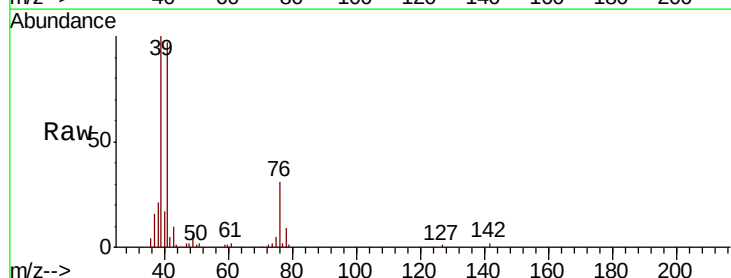
Tgt Ion: 41 Resp: 251470

Ion Ratio Lower Upper

41 100

39 103.4 78.6 117.8

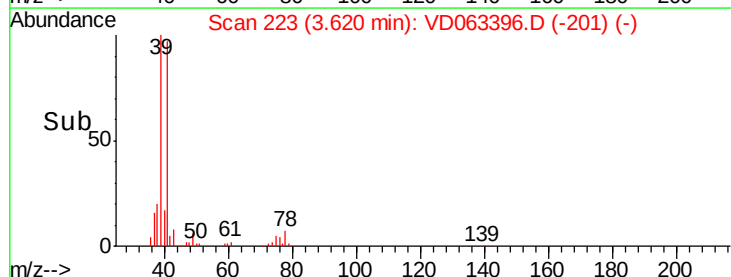
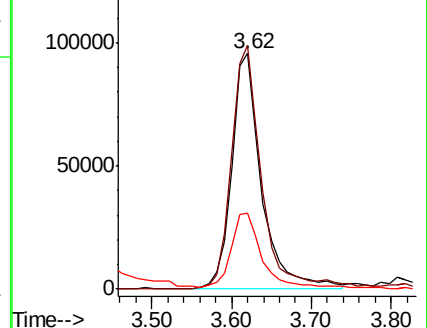
76 32.1 24.5 36.7

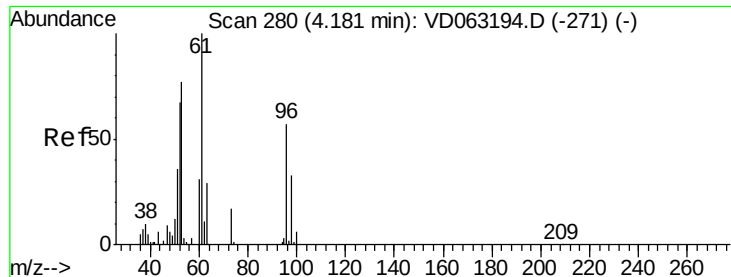


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 97.681 ug/l

RT: 4.19 min Scan# 281

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

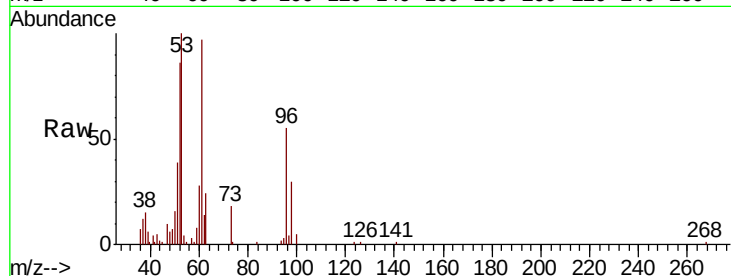
Tgt Ion: 53 Resp: 134104

Ion Ratio Lower Upper

53 100

52 86.2 69.7 104.5

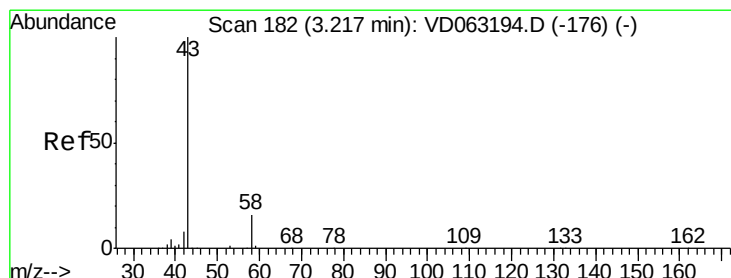
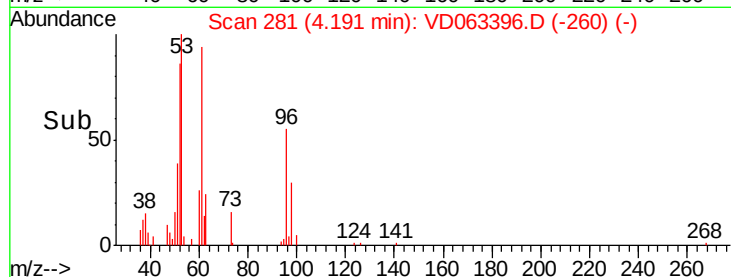
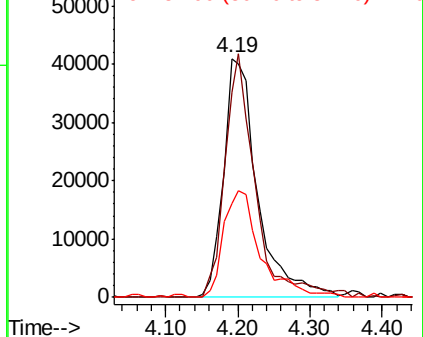
51 39.3 37.4 56.0



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 92.954 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD063396.D

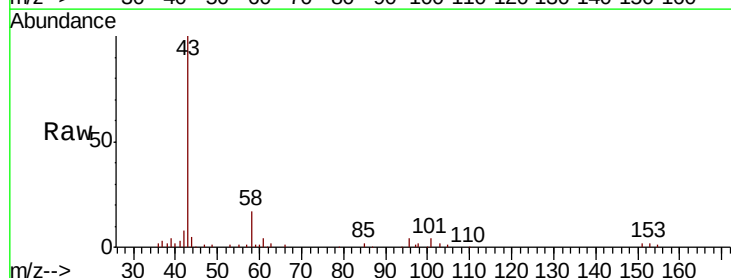
Acq: 6 Aug 2019 13:57

Tgt Ion: 43 Resp: 218538

Ion Ratio Lower Upper

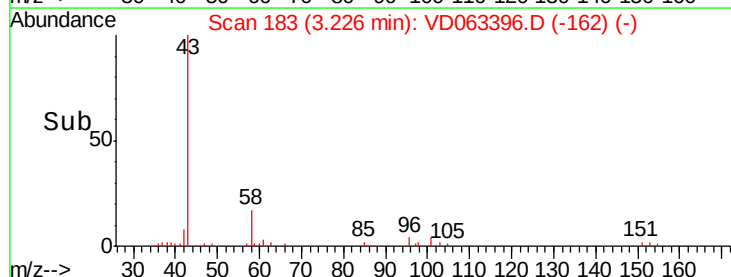
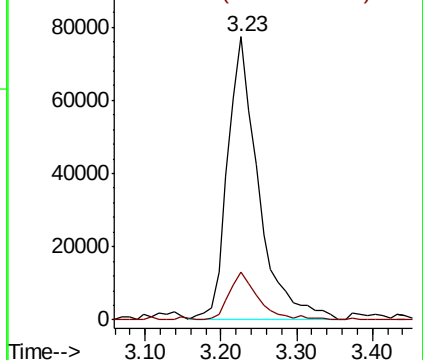
43 100

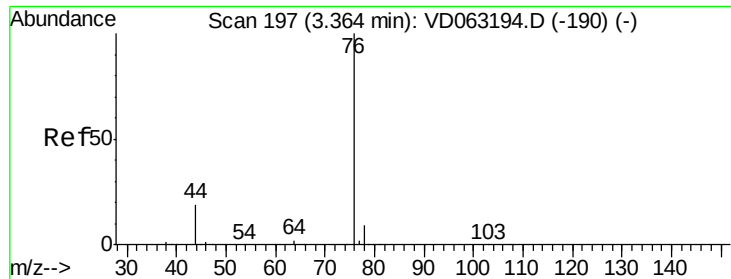
58 17.0 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

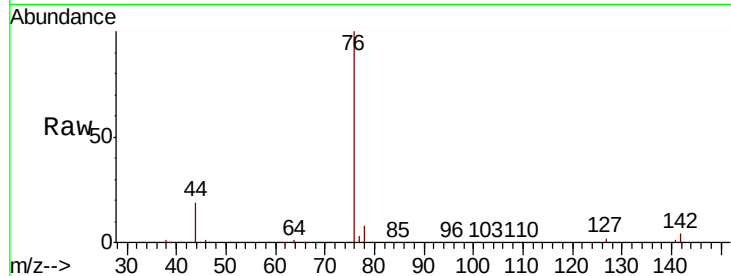




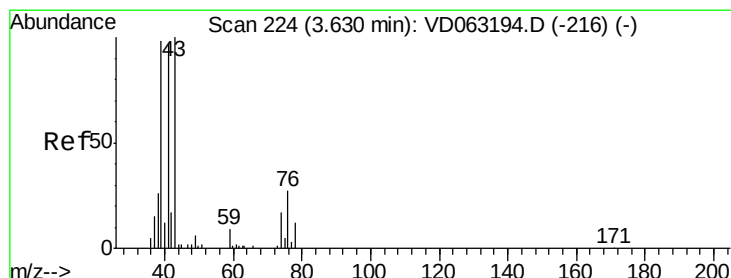
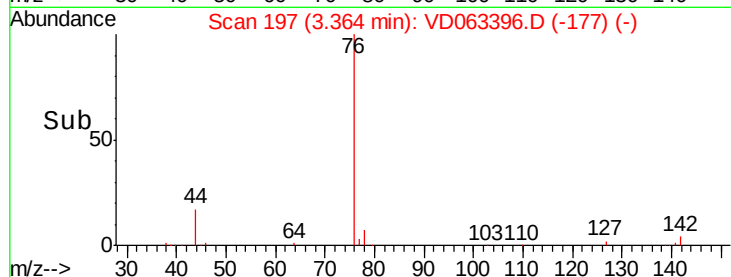
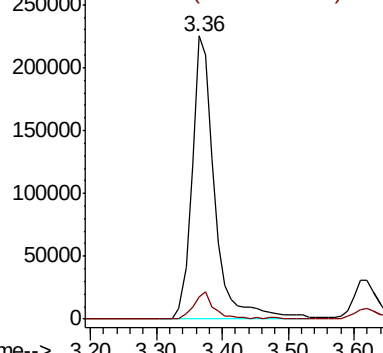
#17
Carbon Disulfide
Concen: 18.964 ug/l
RT: 3.36 min Scan# 197
Delta R.T. -0.00 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

Tgt Ion: 76 Resp: 535412
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.2

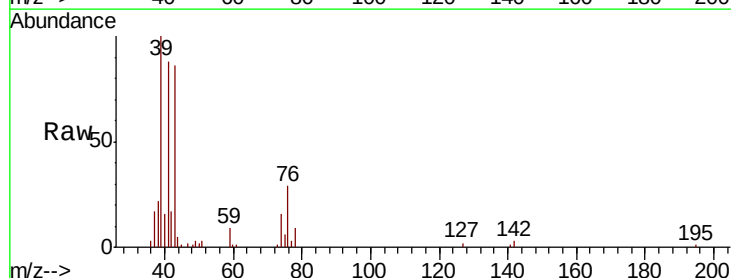


Abundance Ion 75.85 (75.55 to 76.55): VDC
Ion 77.85 (77.55 to 78.55): VDC

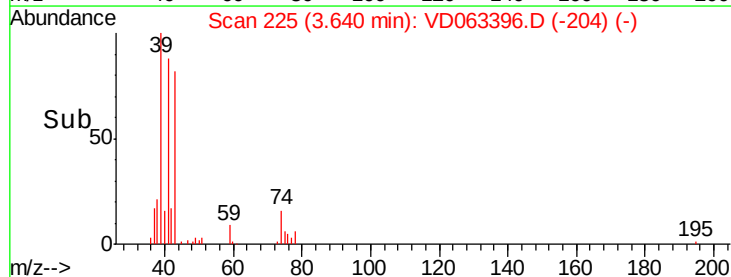
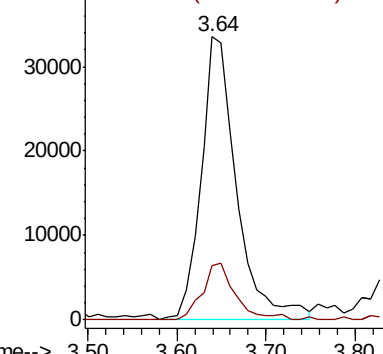


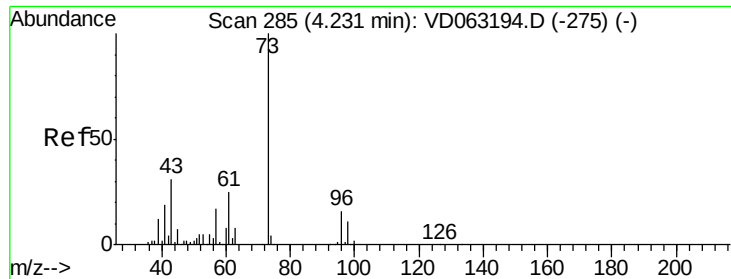
#18
Methyl Acetate
Concen: 20.566 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

Tgt Ion: 43 Resp: 92877
Ion Ratio Lower Upper
43 100
74 19.2 13.8 20.8



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC





#19

Methyl tert-butyl Ether

Concen: 19.371 ug/l

RT: 4.25 min Scan# 287

Delta R.T. 0.02 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

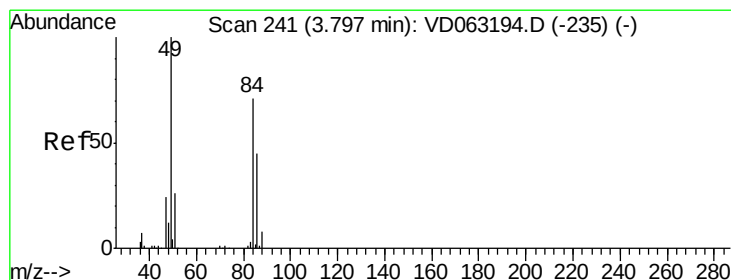
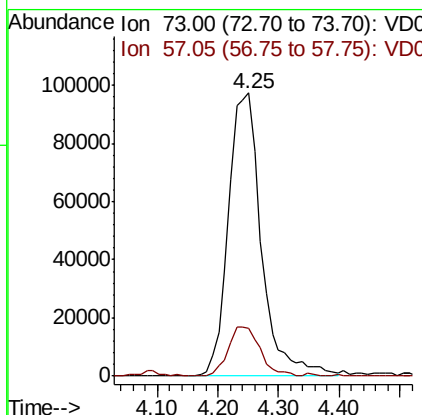
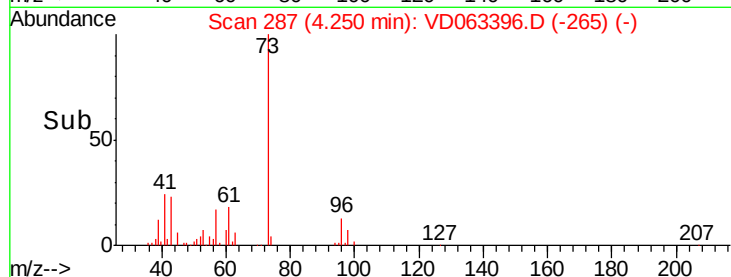
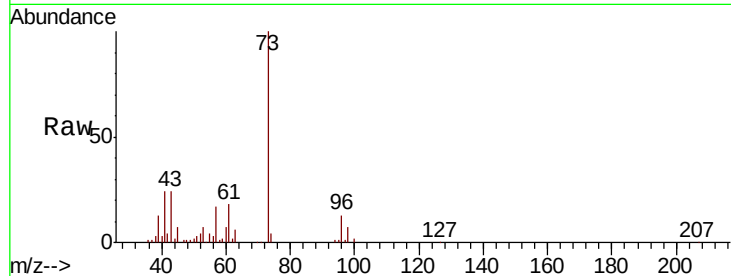
VD0806SBSD01

Tgt Ion: 73 Resp: 369079

Ion Ratio Lower Upper

73 100

57 17.0 13.8 20.6



#20

Methylene Chloride

Concen: 20.548 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Tgt Ion: 84 Resp: 195269

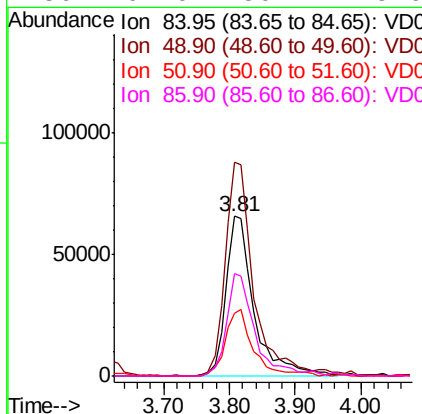
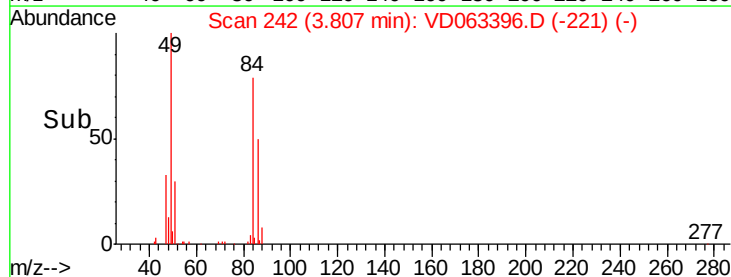
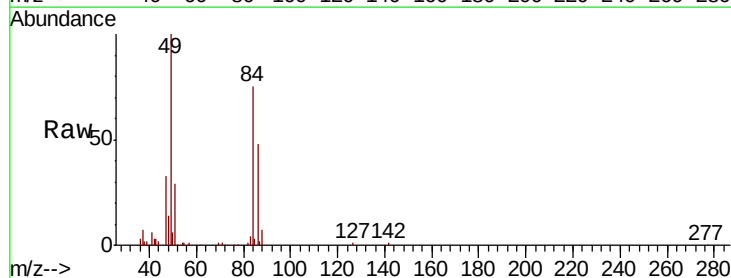
Ion Ratio Lower Upper

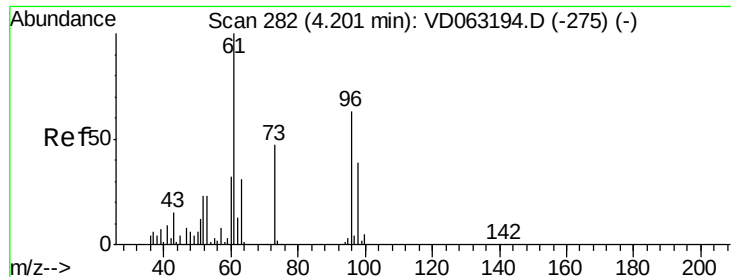
84 100

49 133.5 112.5 168.7

51 39.3 29.6 44.4

86 64.0 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 20.171 ug/l

RT: 4.21 min Scan# 283

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBS01

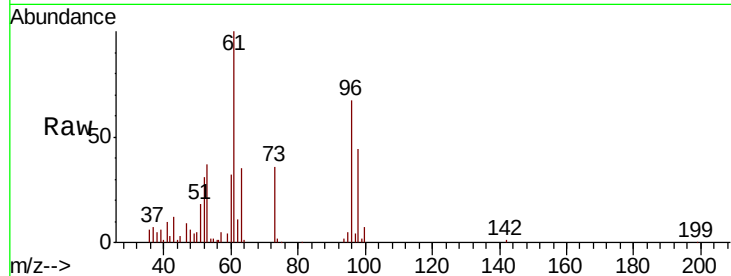
Tgt Ion: 96 Resp: 190899

Ion Ratio Lower Upper

96 100

61 148.3 127.4 191.2

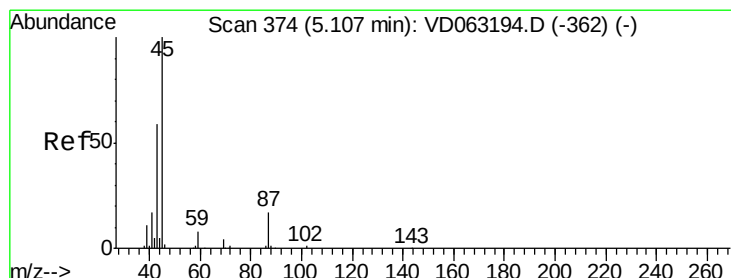
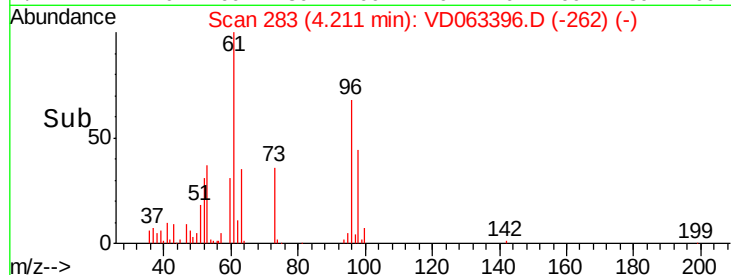
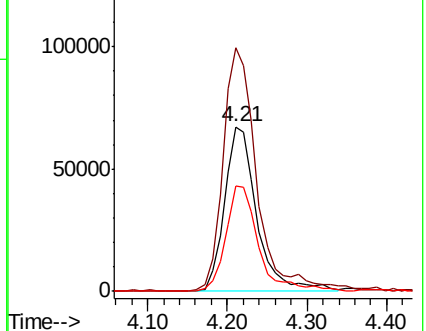
98 64.5 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 19.862 ug/l

RT: 5.13 min Scan# 376

Delta R.T. 0.02 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Tgt Ion: 45 Resp: 533215

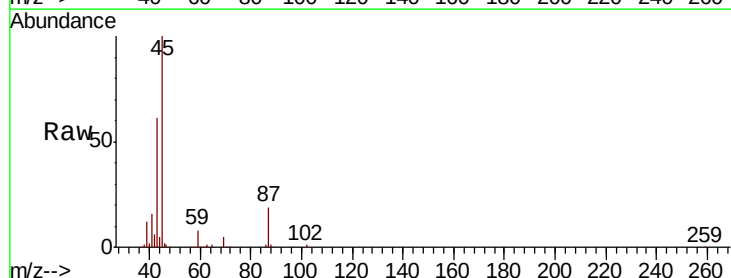
Ion Ratio Lower Upper

45 100

43 61.4 51.7 77.5

87 19.3 14.6 21.8

59 8.4 6.6 10.0

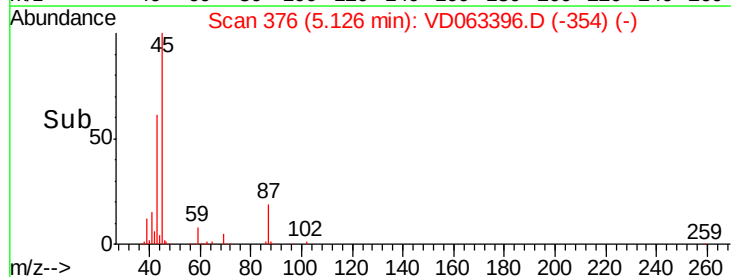
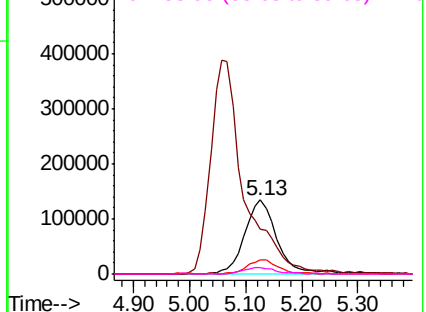


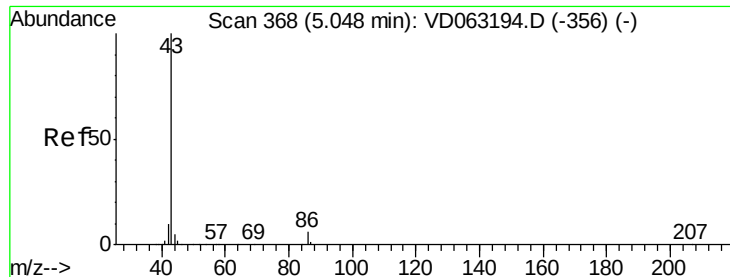
Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 97.335 ug/l

RT: 5.06 min Scan# 369

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

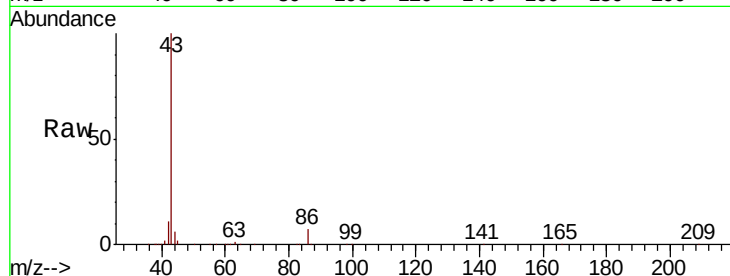
VD0806SBSD01

Tgt Ion: 43 Resp: 1606238

Ion Ratio Lower Upper

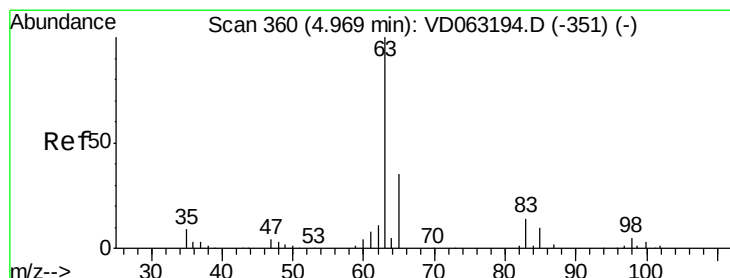
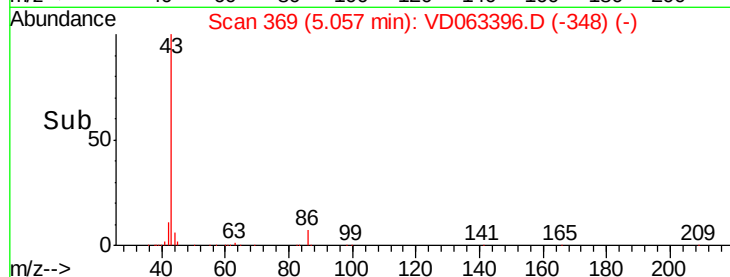
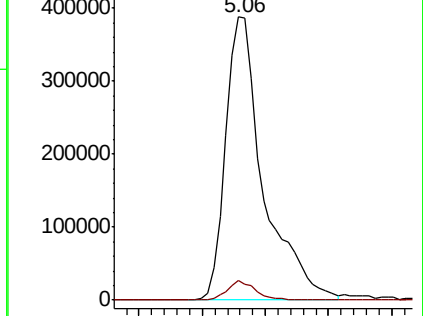
43 100

86 6.8 4.9 7.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.586 ug/l

RT: 4.98 min Scan# 361

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

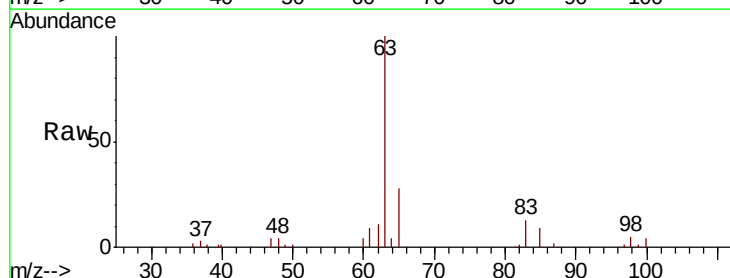
Tgt Ion: 63 Resp: 335862

Ion Ratio Lower Upper

63 100

98 4.7 2.8 8.4

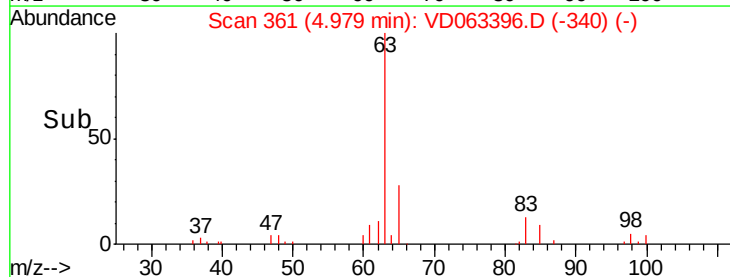
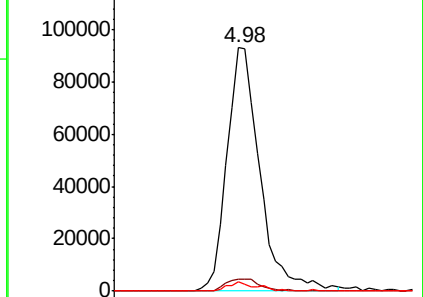
100 3.9 1.3 3.9#

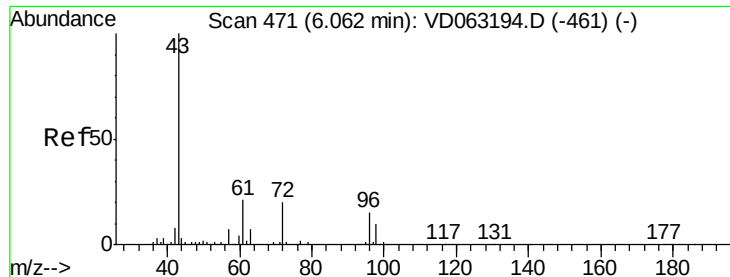


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 95.783 ug/l

RT: 6.08 min Scan# 473

Delta R.T. 0.02 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

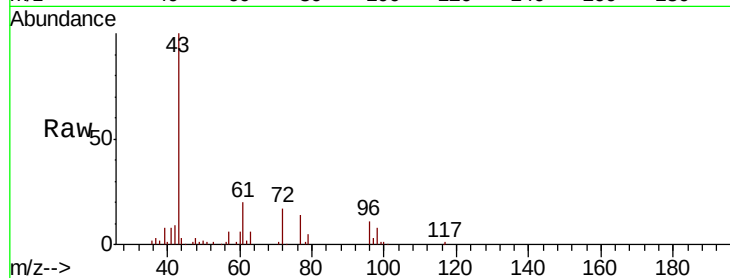
VD0806SBSD01

Tgt Ion: 43 Resp: 225996

Ion Ratio Lower Upper

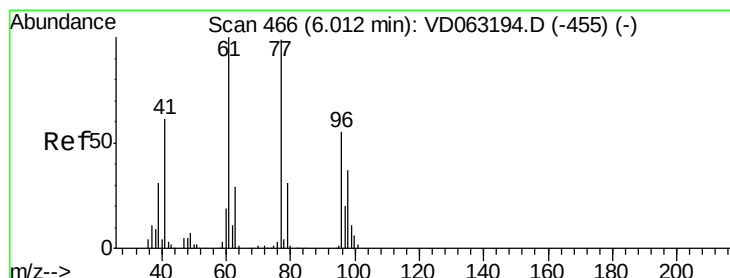
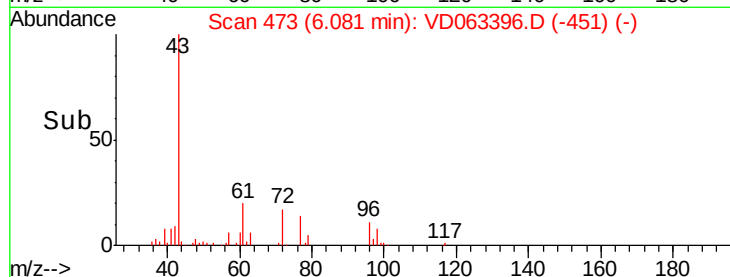
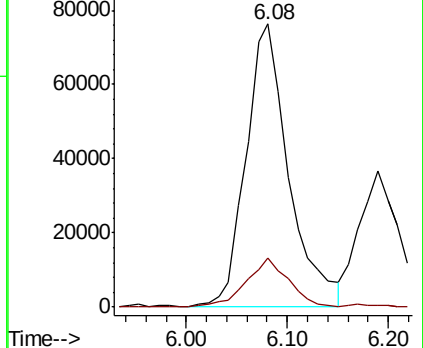
43 100

72 17.3 16.3 24.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 18.994 ug/l

RT: 6.02 min Scan# 467

Delta R.T. 0.01 min

Lab File: VD063396.D

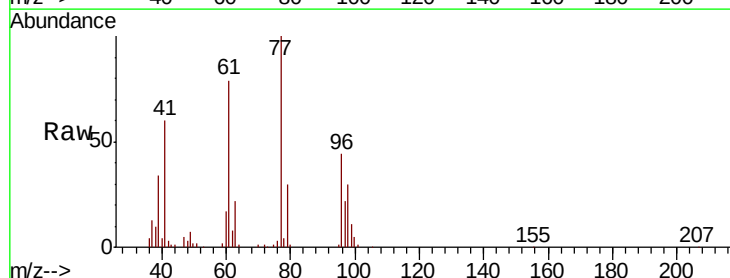
Acq: 6 Aug 2019 13:57

Tgt Ion: 77 Resp: 335645

Ion Ratio Lower Upper

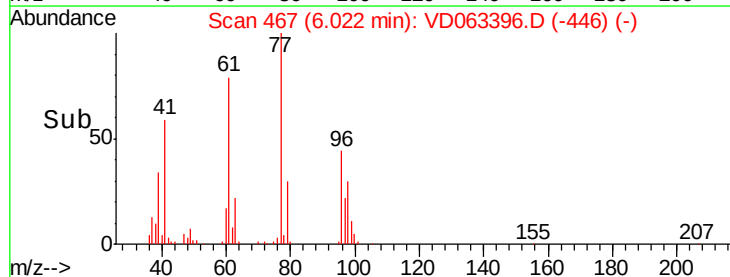
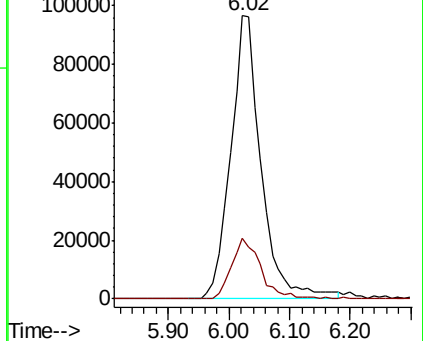
77 100

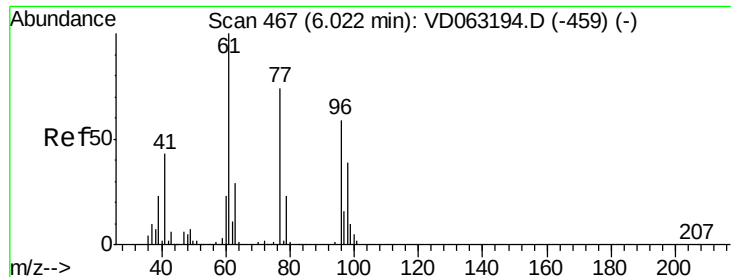
97 21.5 10.2 30.6



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC





#27

cis-1,2-Dichloroethene

Concen: 20.001 ug/l

RT: 6.03 min Scan# 468

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleID :

VD0806SBSD01

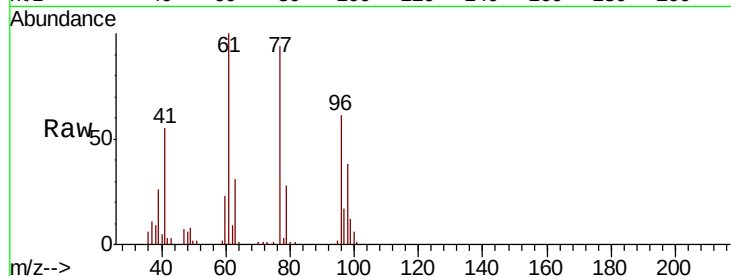
Tgt Ion: 96 Resp: 202951

Ion Ratio Lower Upper

96 100

61 164.8 0.0 337.2

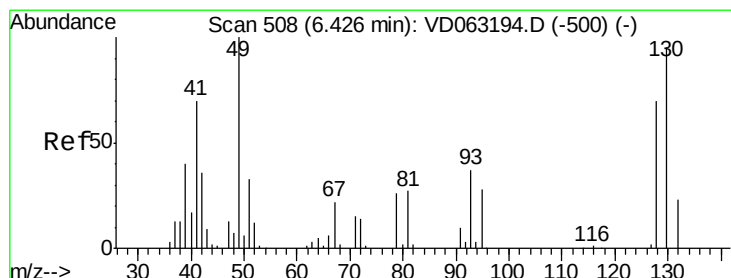
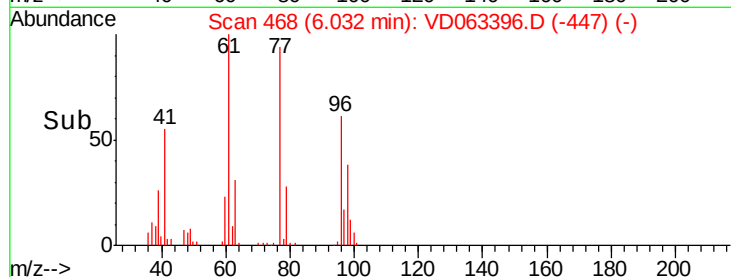
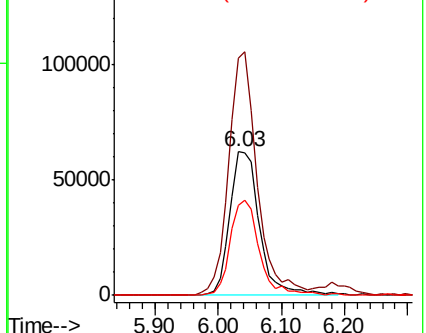
98 63.1 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#28

Bromochloromethane

Concen: 19.283 ug/l

RT: 6.44 min Scan# 509

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

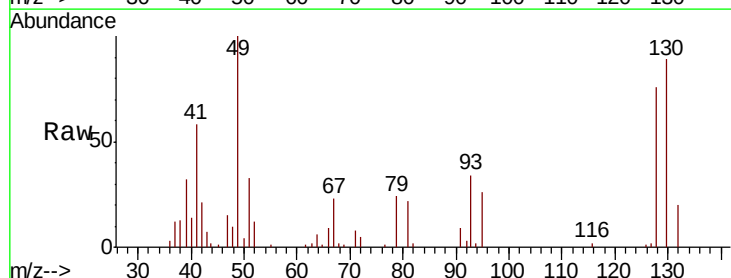
Tgt Ion: 49 Resp: 131743

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.0

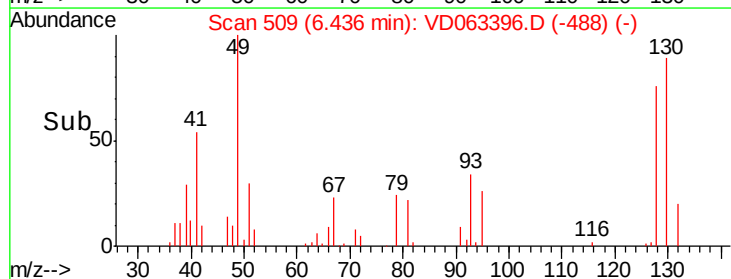
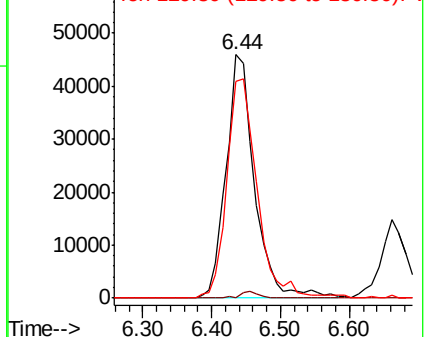
130 89.1 75.7 113.5

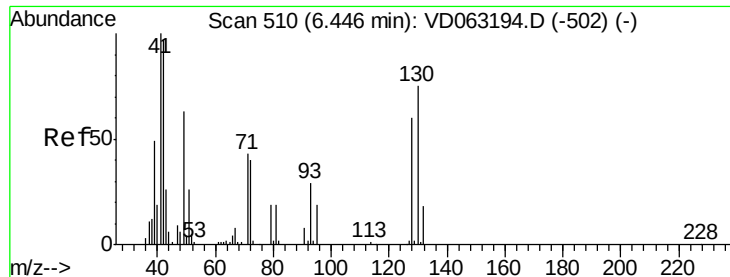


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 94.566 ug/l

RT: 6.47 min Scan# 512

Delta R.T. 0.02 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

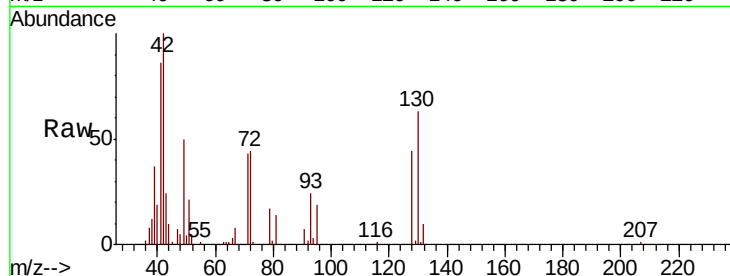
Tgt Ion: 42 Resp: 105638

Ion Ratio Lower Upper

42 100

72 44.1 33.4 50.2

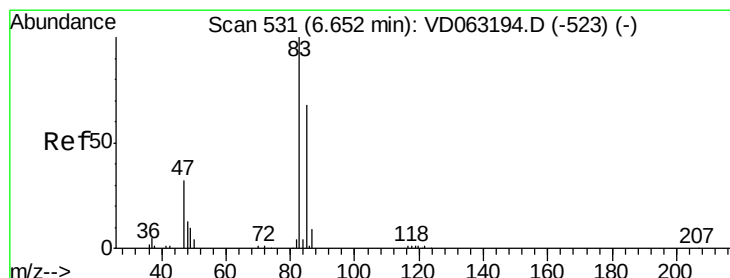
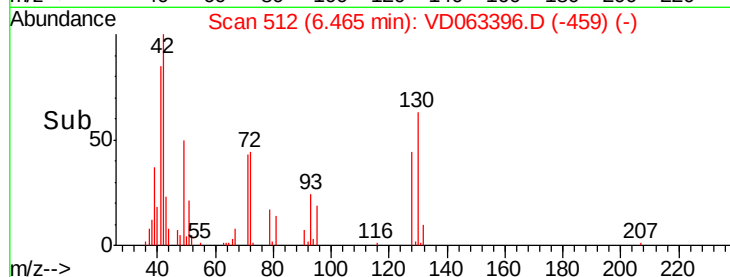
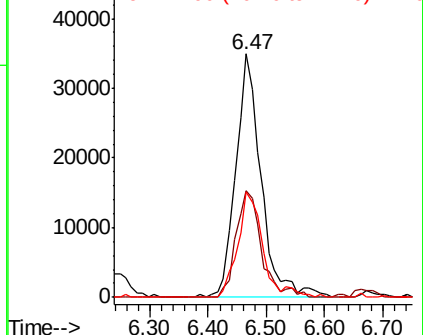
71 42.8 35.7 53.5



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 19.028 ug/l

RT: 6.67 min Scan# 533

Delta R.T. 0.02 min

Lab File: VD063396.D

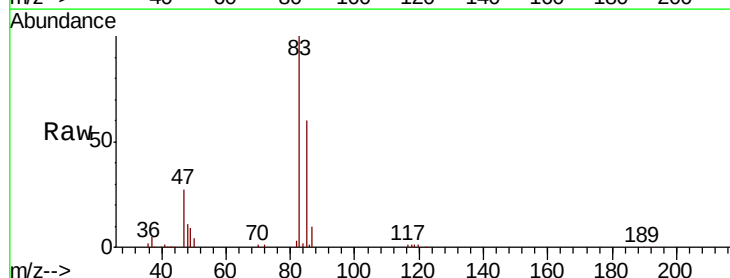
Acq: 6 Aug 2019 13:57

Tgt Ion: 83 Resp: 404929

Ion Ratio Lower Upper

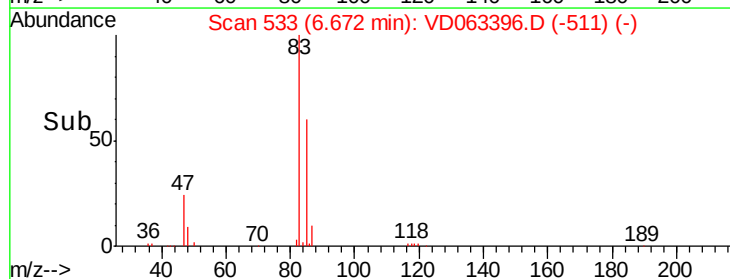
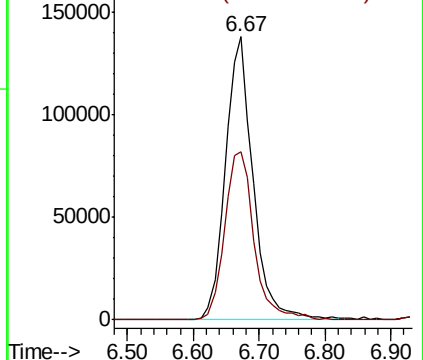
83 100

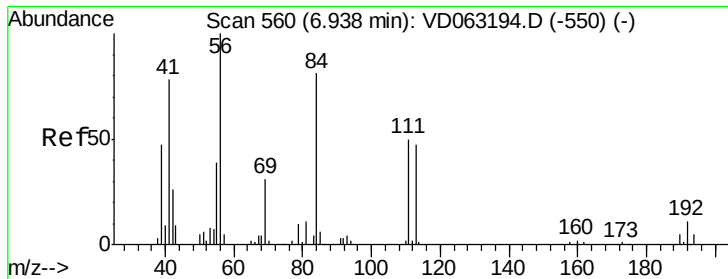
85 59.6 54.2 81.4



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

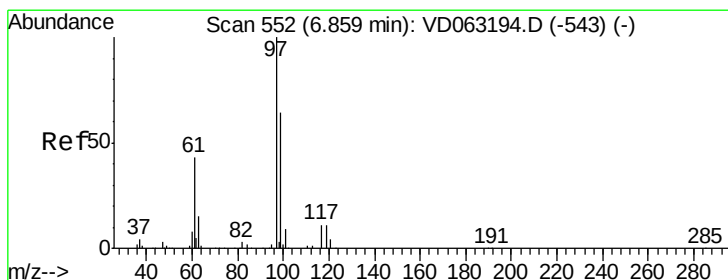
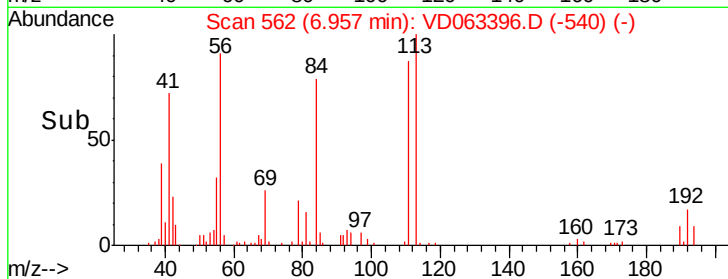
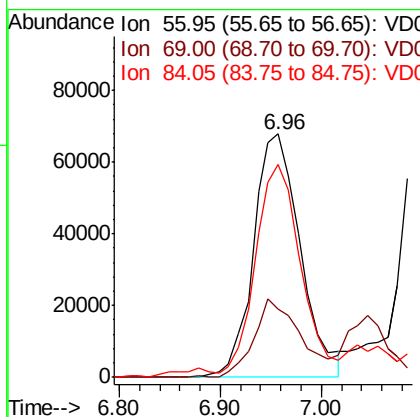
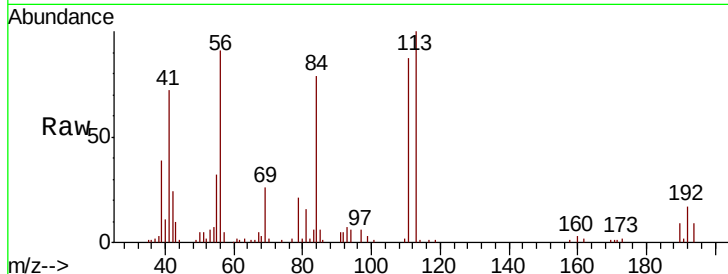




#31
Cyclohexane
Concen: 20.318 ug/l
RT: 6.96 min Scan# 562
Delta R.T. 0.02 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

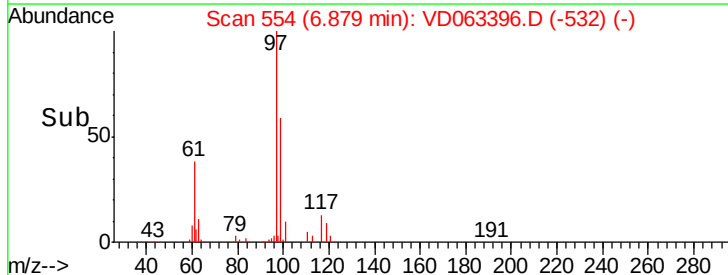
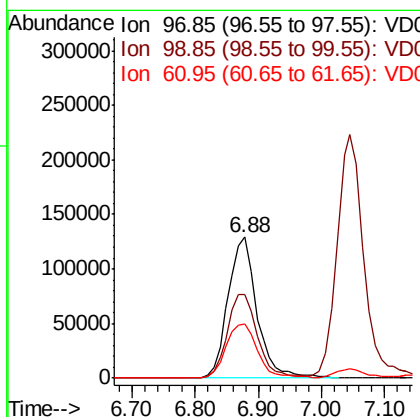
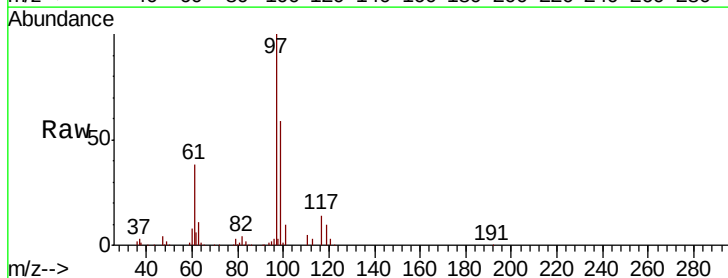
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

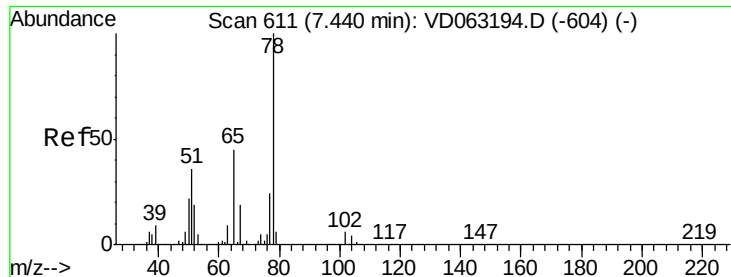
Tgt Ion: 56 Resp: 218381
Ion Ratio Lower Upper
56 100
69 28.2 24.5 36.7
84 87.5 64.9 97.3



#32
1,1,1-Trichloroethane
Concen: 19.876 ug/l
RT: 6.88 min Scan# 554
Delta R.T. 0.02 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

Tgt Ion: 97 Resp: 409123
Ion Ratio Lower Upper
97 100
99 59.1 51.2 76.8
61 38.4 34.2 51.2

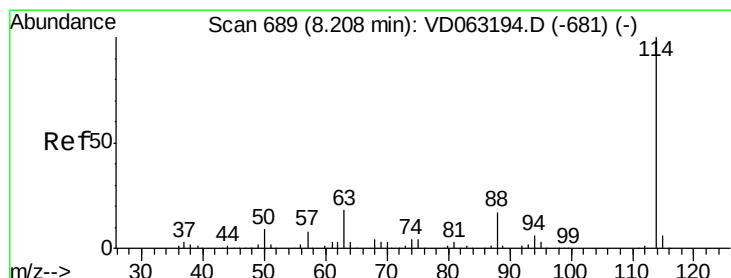
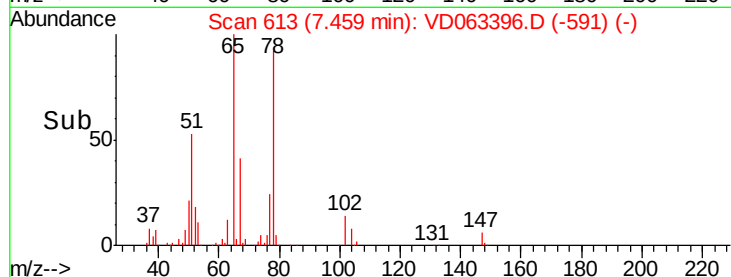
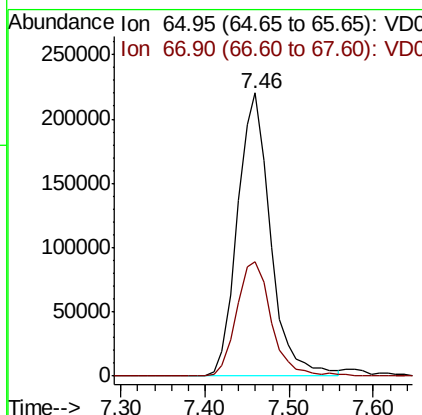
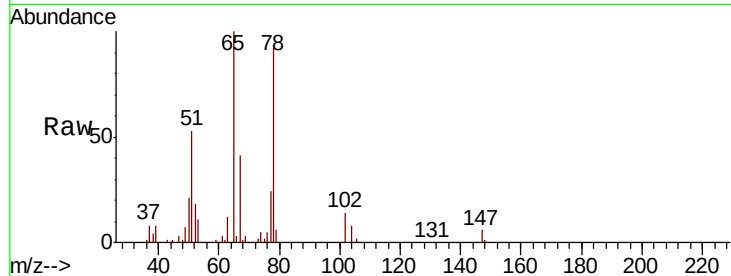




#33
 1,2-Dichloroethane-d4
 Concen: 49.970 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.02 min
 Lab File: VD063396.D
 Acq: 6 Aug 2019 13:57

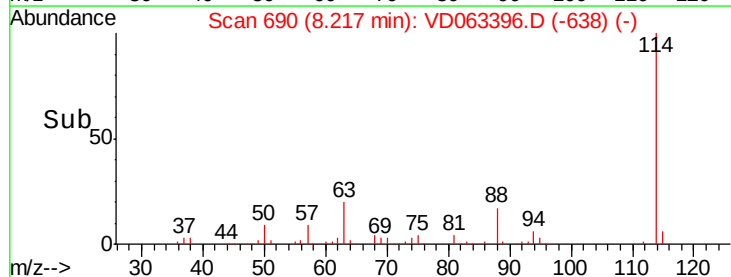
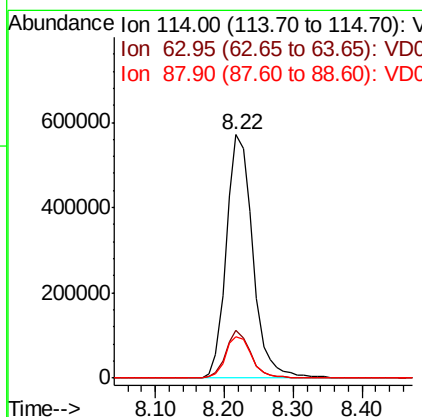
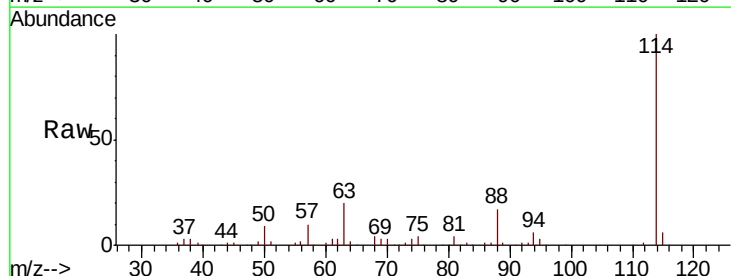
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBSD01

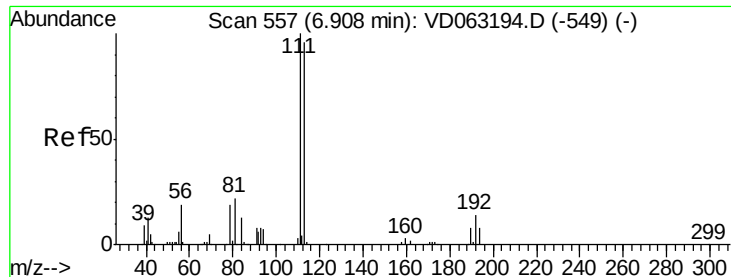
Tgt Ion: 65 Resp: 602971
 Ion Ratio Lower Upper
 65 100
 67 40.5 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD063396.D
 Acq: 6 Aug 2019 13:57

Tgt Ion: 114 Resp: 1520853
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 35.2
 88 17.1 0.0 34.6





#35

Dibromofluoromethane

Concen: 54.320 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

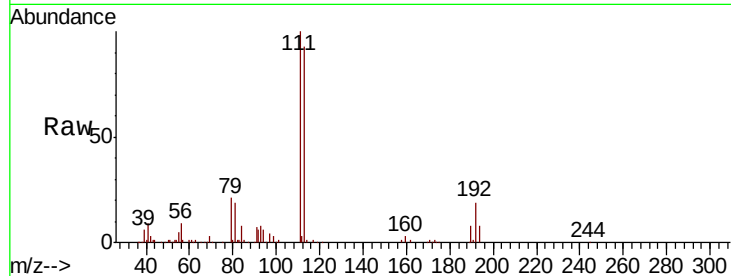
Tgt Ion:113 Resp: 705338

Ion Ratio Lower Upper

113 100

111 107.3 83.2 124.8

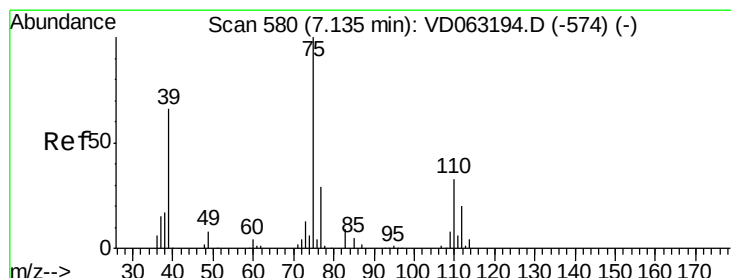
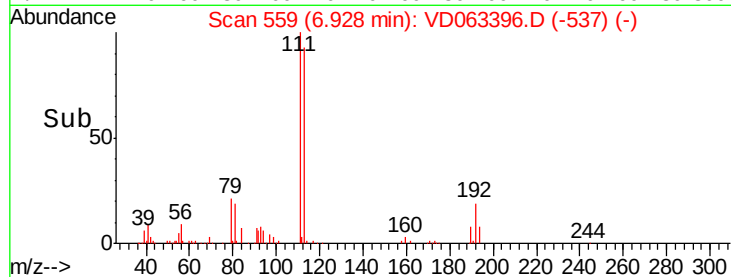
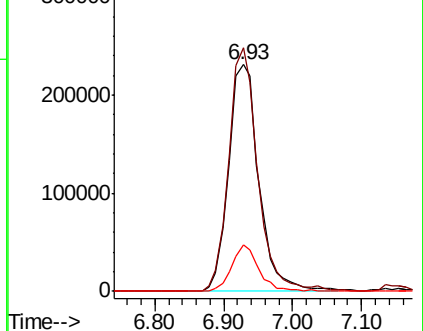
192 20.3 11.8 17.8#



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 20.234 ug/l

RT: 7.14 min Scan# 581

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

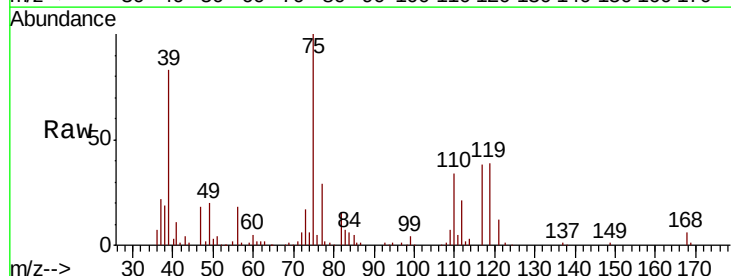
Tgt Ion: 75 Resp: 280846

Ion Ratio Lower Upper

75 100

110 33.8 16.1 48.2

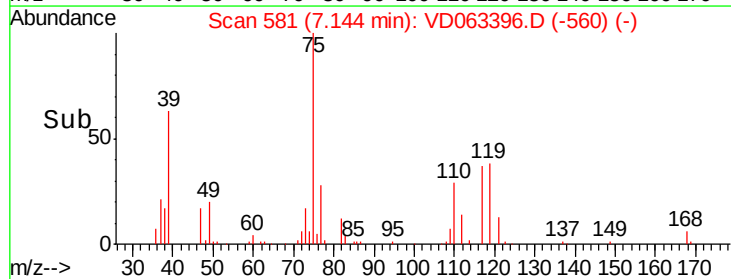
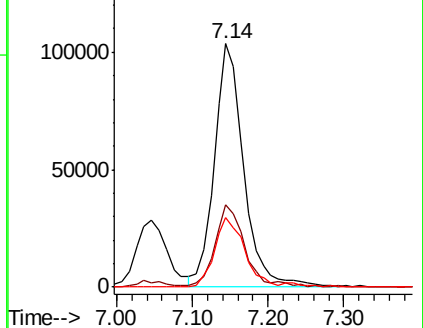
77 28.7 22.7 34.1

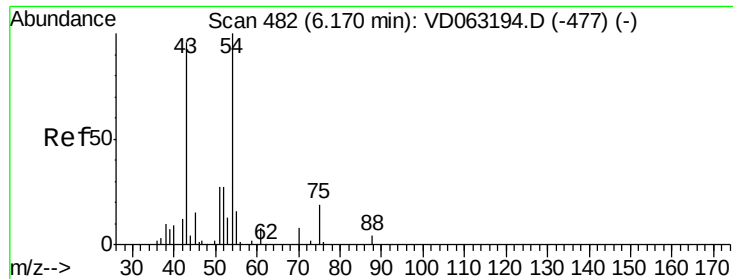


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

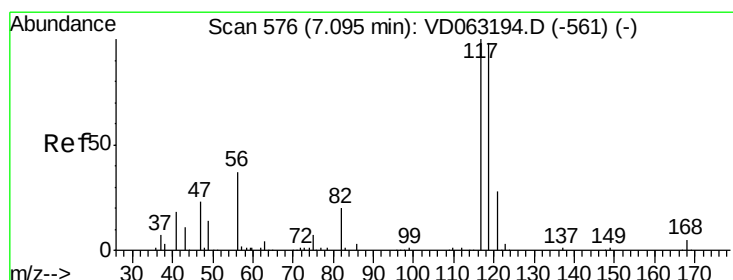
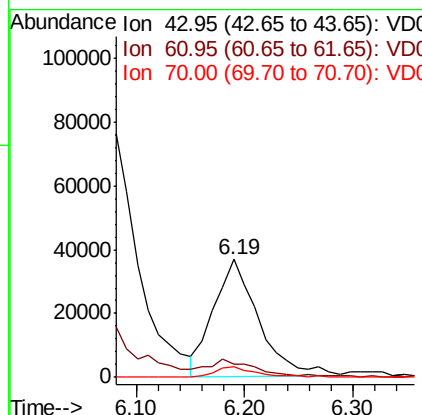
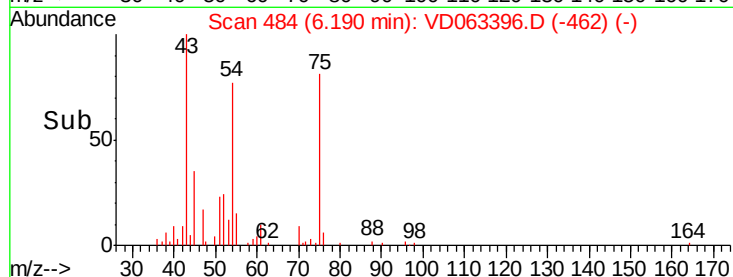
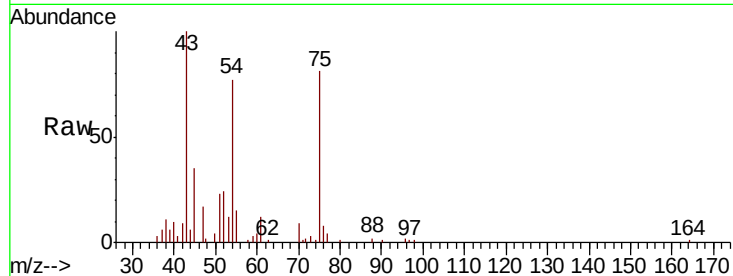




#37
Ethyl Acetate
Concen: 16.924 ug/l
RT: 6.19 min Scan# 484
Delta R.T. 0.02 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

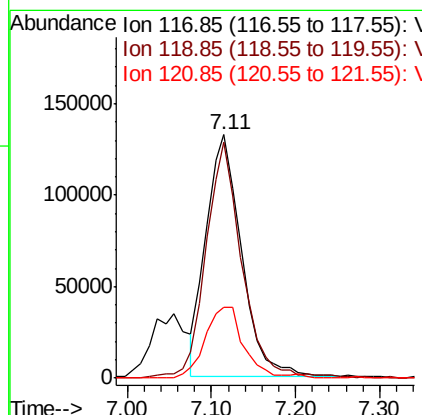
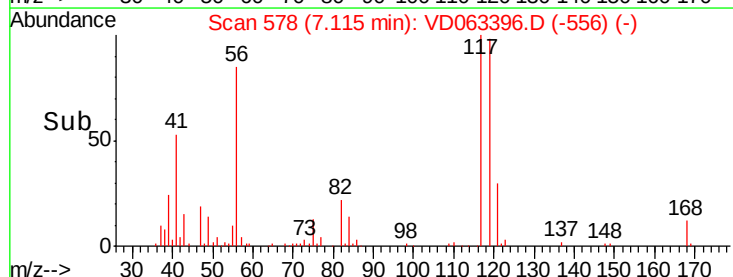
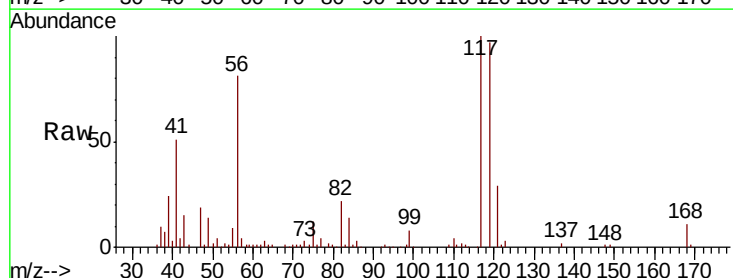
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

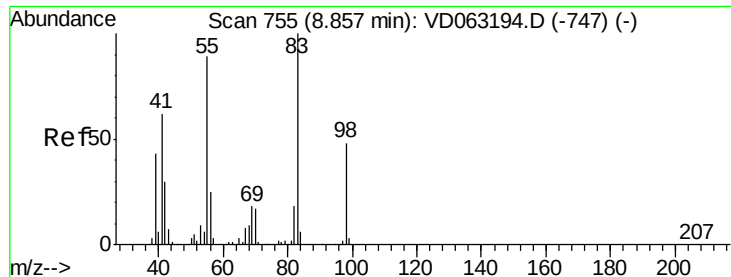
Tgt Ion: 43 Resp: 105533
Ion Ratio Lower Upper
43 100
61 11.8 11.3 16.9
70 8.7 5.1 7.7#



#38
Carbon Tetrachloride
Concen: 18.464 ug/l
RT: 7.11 min Scan# 578
Delta R.T. 0.02 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

Tgt Ion: 117 Resp: 385815
Ion Ratio Lower Upper
117 100
119 97.0 78.2 117.2
121 29.2 22.1 33.1

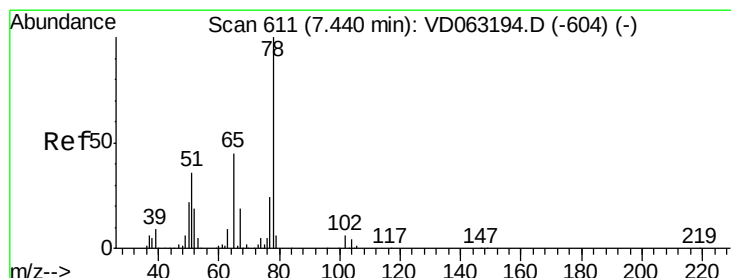
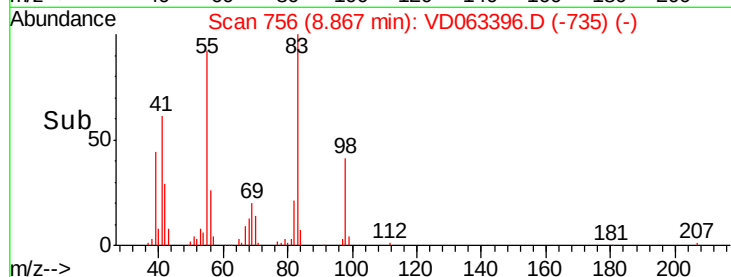
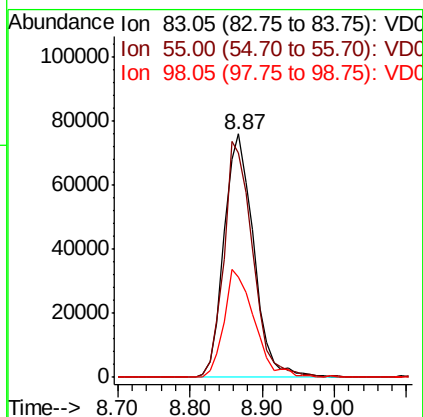
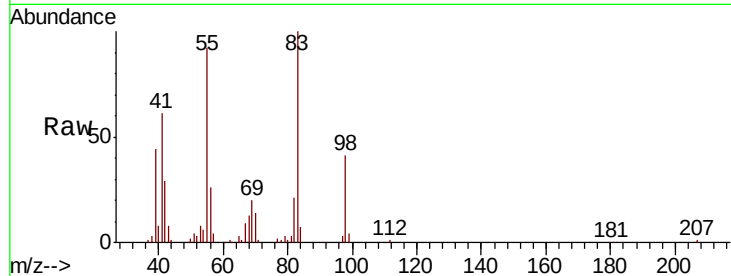




#39
Methylcyclohexane
Concen: 18.680 ug/l
RT: 8.87 min Scan# 756
Delta R.T. 0.01 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

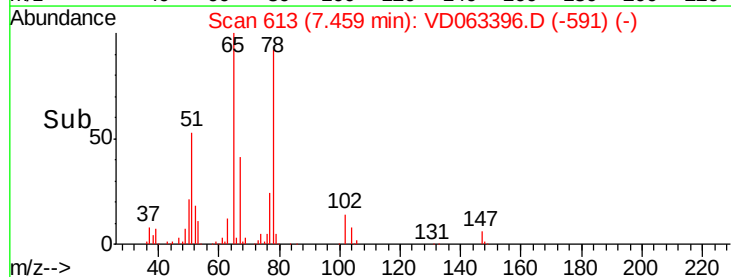
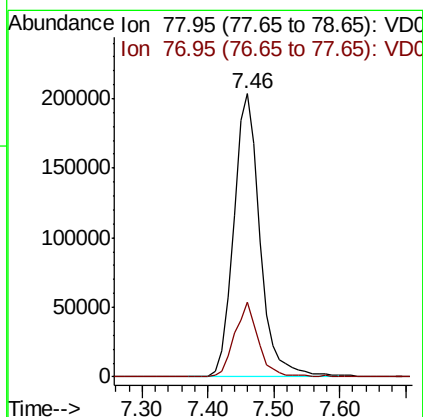
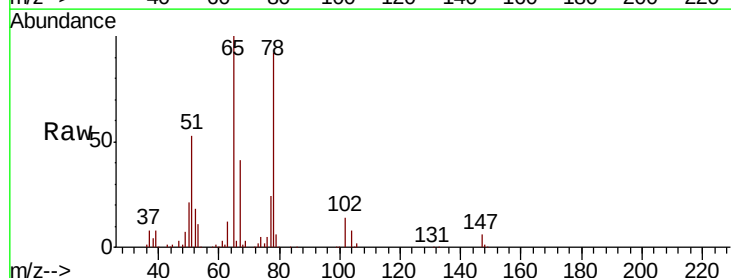
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBS01

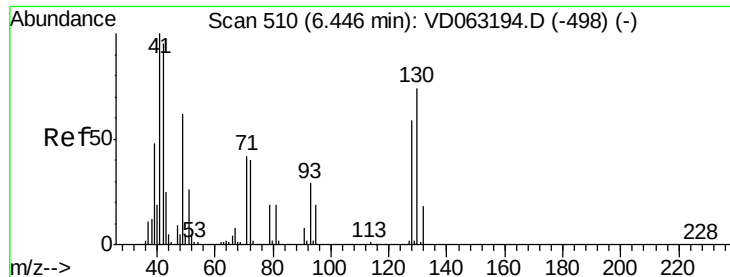
Tgt Ion: 83 Resp: 216019
Ion Ratio Lower Upper
83 100
55 91.9 71.1 106.7
98 41.2 38.5 57.7



#40
Benzene
Concen: 19.541 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.02 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

Tgt Ion: 78 Resp: 568429
Ion Ratio Lower Upper
78 100
77 26.3 19.4 29.2





#41

Methacrylonitrile

Concen: 18.275 ug/l

RT: 6.46 min Scan# 511

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

Tgt Ion: 41 Resp: 136313

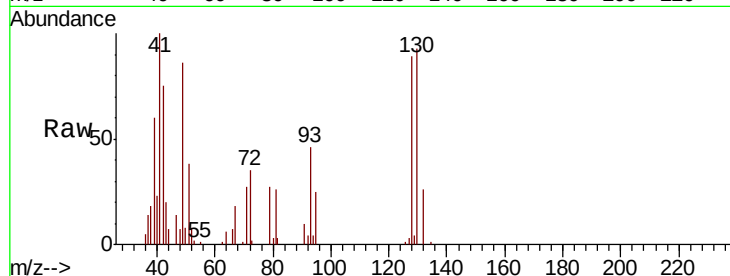
Ion Ratio Lower Upper

41 100

39 60.2 38.4 57.6#

67 17.9 6.7 10.1#

52 7.7 4.3 6.5#

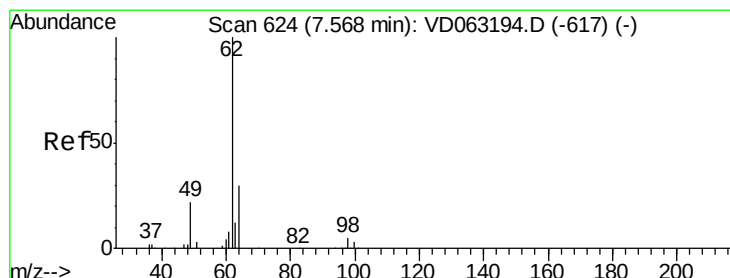
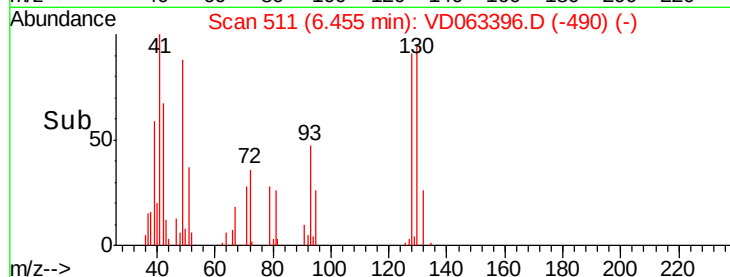
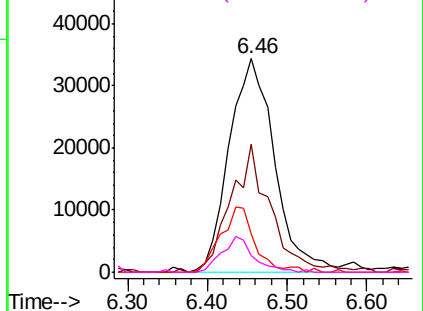


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 18.012 ug/l

RT: 7.58 min Scan# 625

Delta R.T. 0.01 min

Lab File: VD063396.D

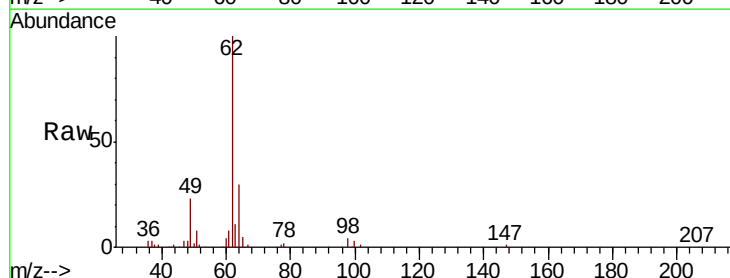
Acq: 6 Aug 2019 13:57

Tgt Ion: 62 Resp: 277691

Ion Ratio Lower Upper

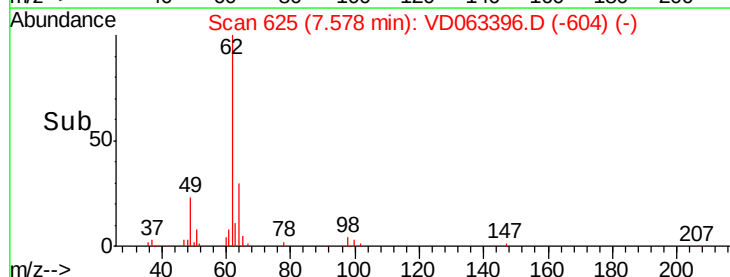
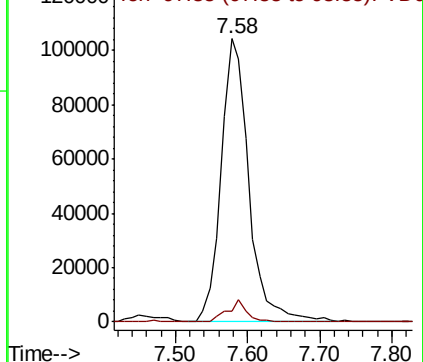
62 100

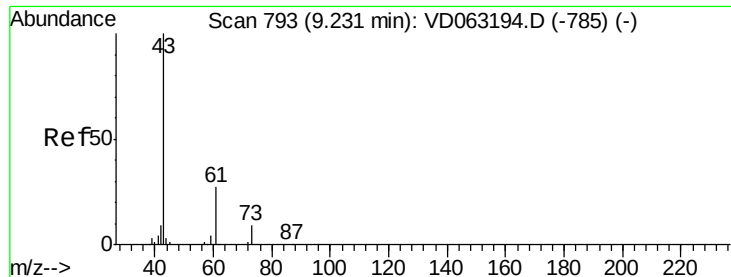
98 4.0 0.0 9.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 20.215 ug/l

RT: 9.24 min Scan# 794

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

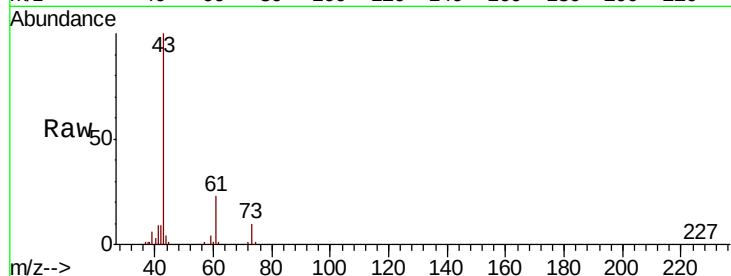
Tgt Ion: 43 Resp: 161019

Ion Ratio Lower Upper

43 100

61 23.5 21.4 32.0

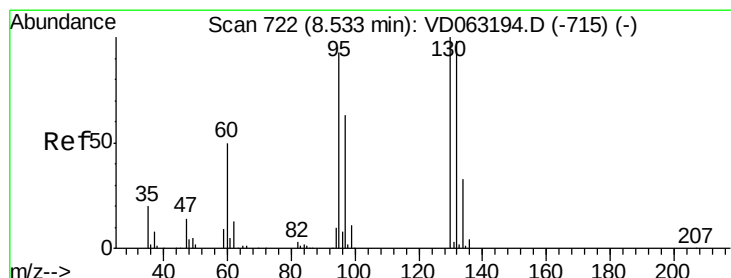
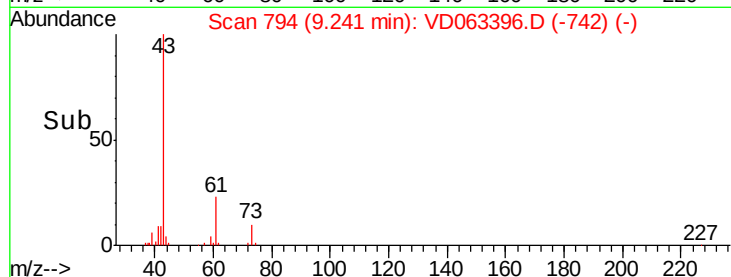
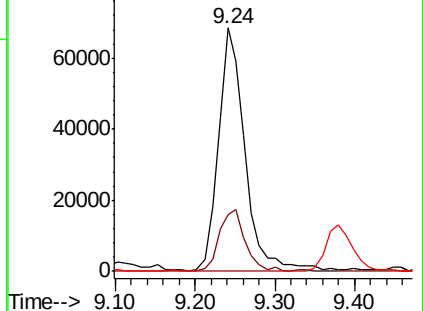
87 0.0 0.2 0.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.135 ug/l

RT: 8.54 min Scan# 723

Delta R.T. 0.01 min

Lab File: VD063396.D

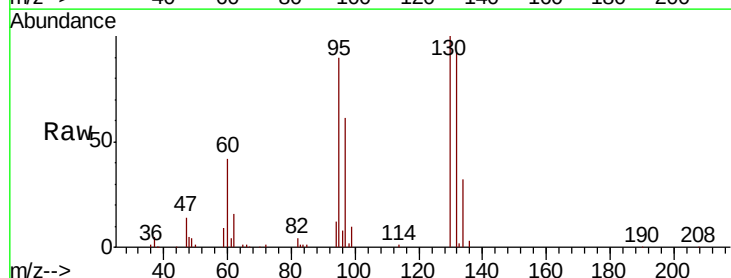
Acq: 6 Aug 2019 13:57

Tgt Ion: 130 Resp: 237333

Ion Ratio Lower Upper

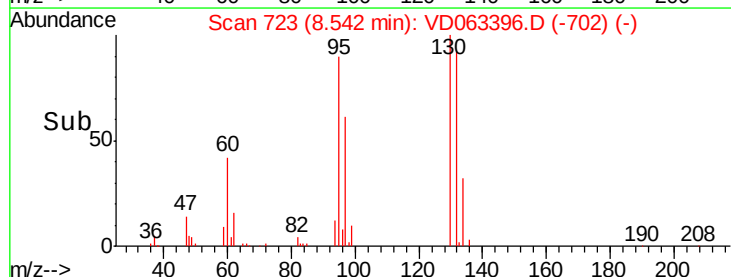
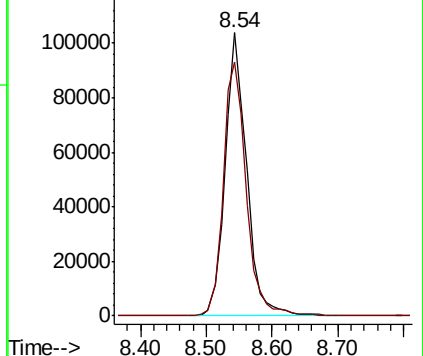
130 100

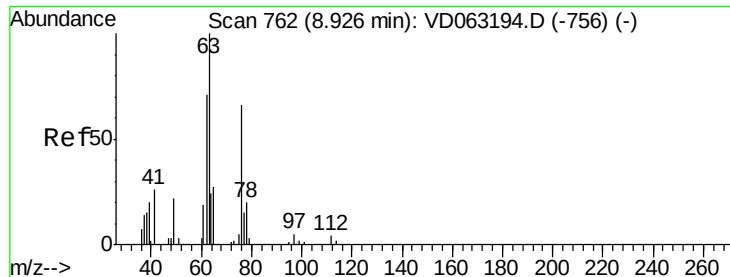
95 89.6 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 19.920 ug/l

RT: 8.95 min Scan# 764

Delta R.T. 0.02 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

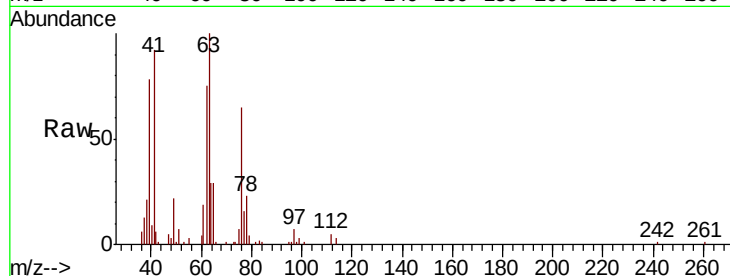
VD0806SBS01

Tgt Ion: 63 Resp: 147285

Ion Ratio Lower Upper

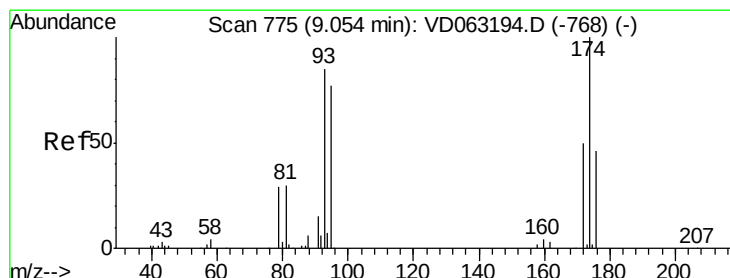
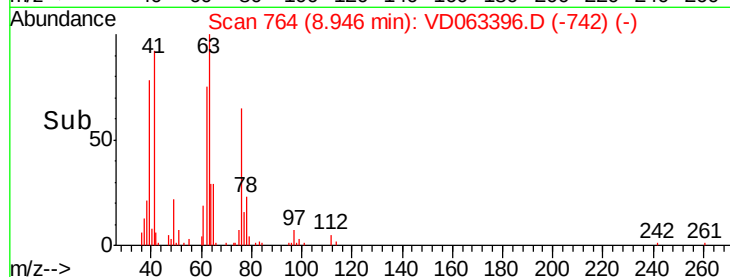
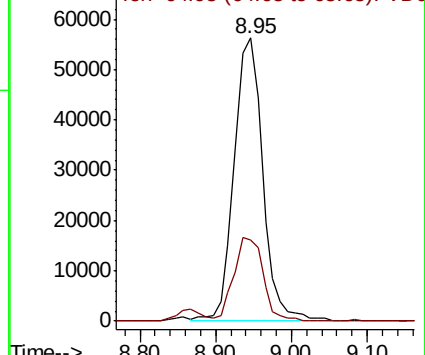
63 100

65 28.6 23.6 35.4



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 18.545 ug/l

RT: 9.06 min Scan# 776

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

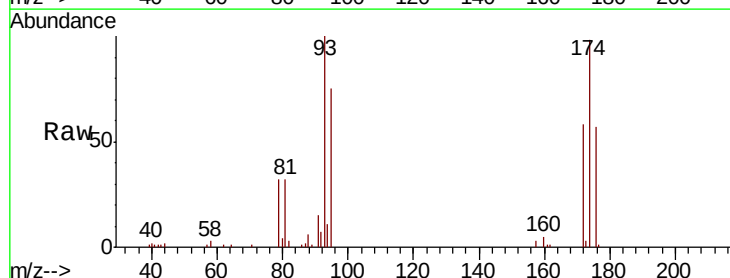
Tgt Ion: 93 Resp: 114011

Ion Ratio Lower Upper

93 100

95 74.6 72.8 109.2

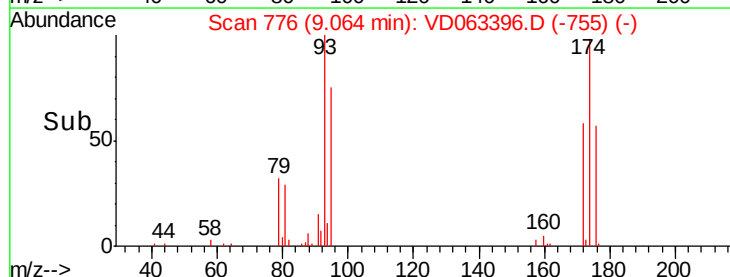
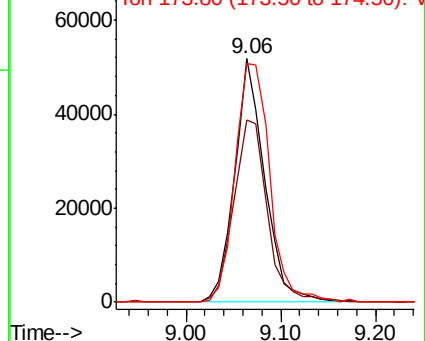
174 98.0 94.4 141.6

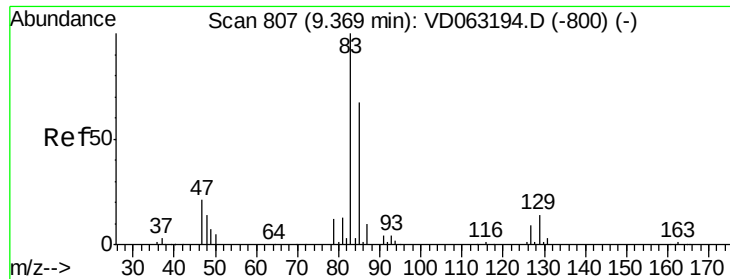


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 18.779 ug/l

RT: 9.38 min Scan# 808

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

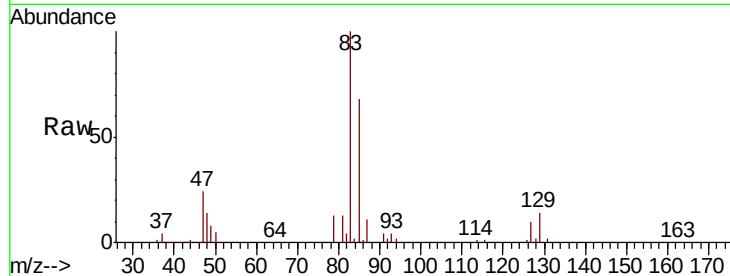
Tgt Ion: 83 Resp: 294298

Ion Ratio Lower Upper

83 100

85 67.9 53.6 80.4

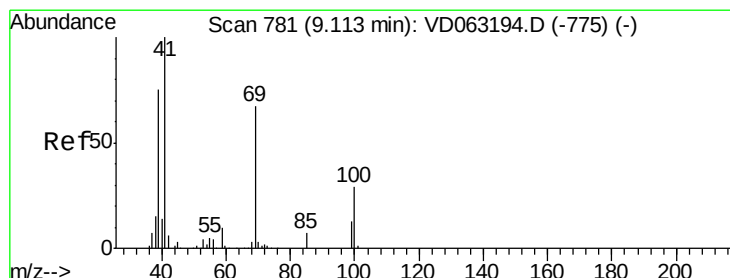
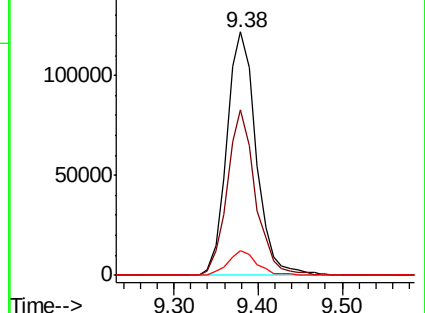
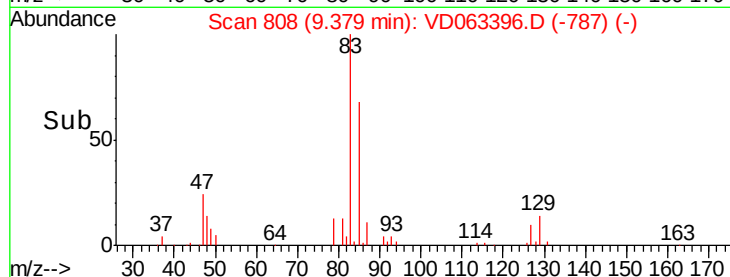
127 10.3 7.2 10.8



Abundance Ion 82.85 (82.55 to 83.55): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 17.820 ug/l

RT: 9.12 min Scan# 782

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

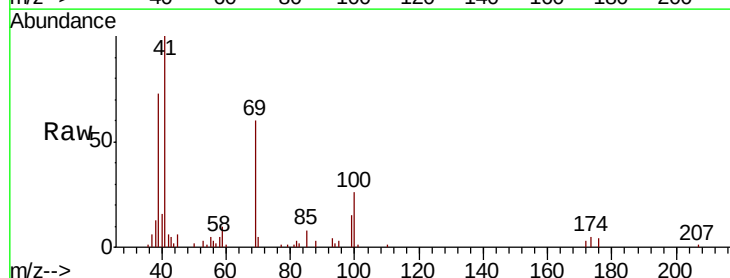
Tgt Ion: 41 Resp: 92060

Ion Ratio Lower Upper

41 100

69 60.1 53.4 80.0

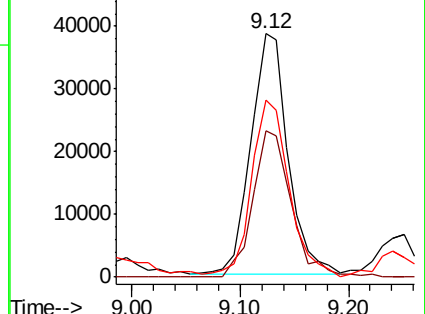
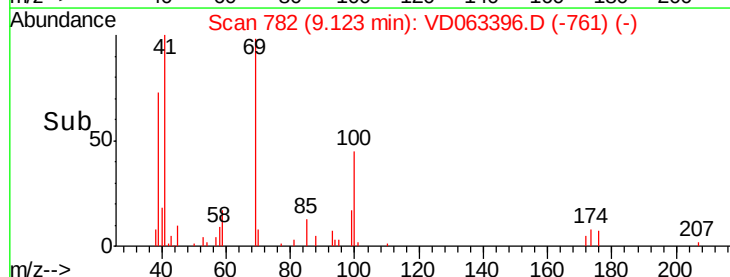
39 73.0 60.3 90.5

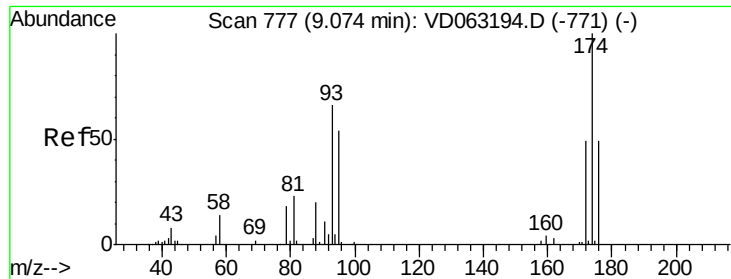


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC

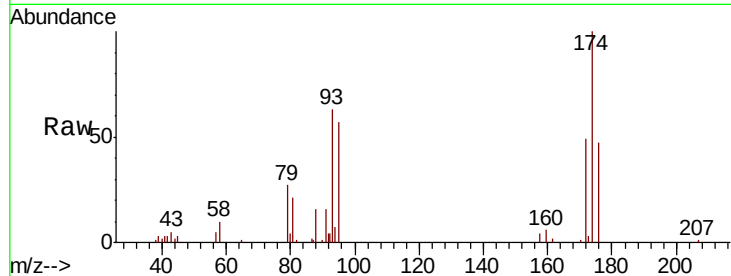




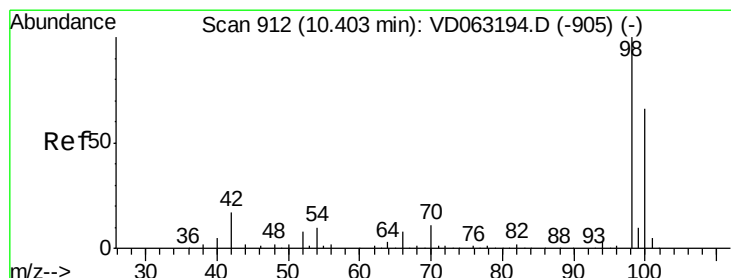
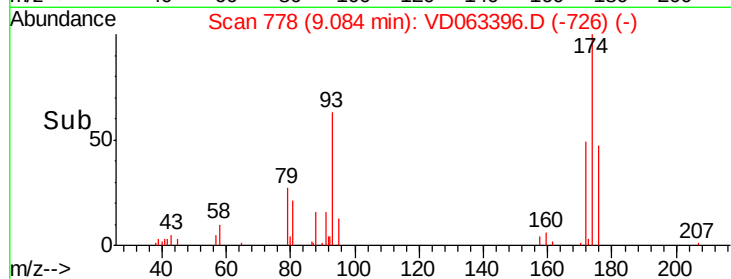
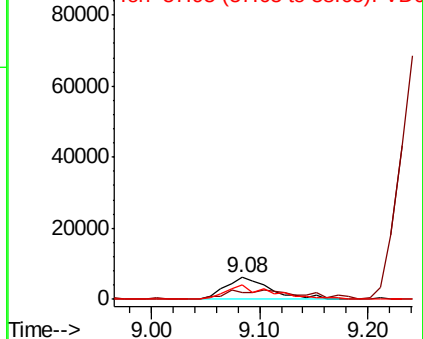
#49
1,4-Dioxane
Concen: 397.297 ug/l
RT: 9.08 min Scan# 778
Delta R.T. 0.01 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

Tgt Ion: 88 Resp: 17495
Ion Ratio Lower Upper
88 100
43 32.0 30.7 46.1
58 63.6 56.5 84.7

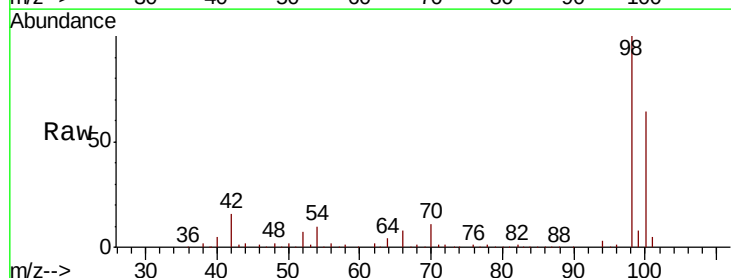


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

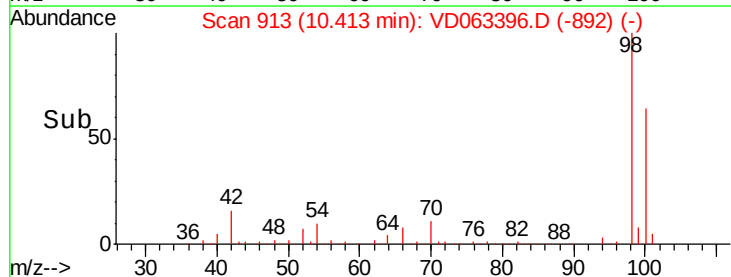
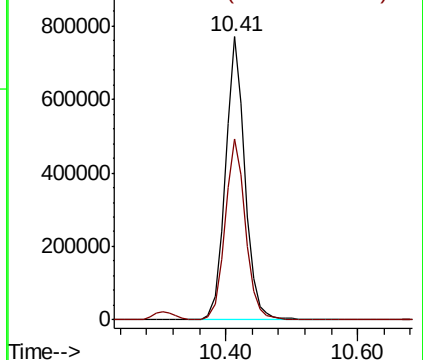


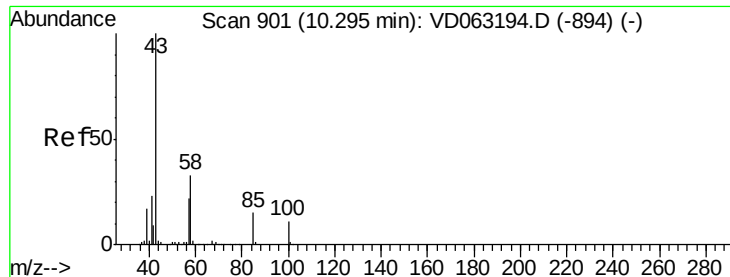
#50
Toluene-d8
Concen: 54.711 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

Tgt Ion: 98 Resp: 1589916
Ion Ratio Lower Upper
98 100
100 63.9 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

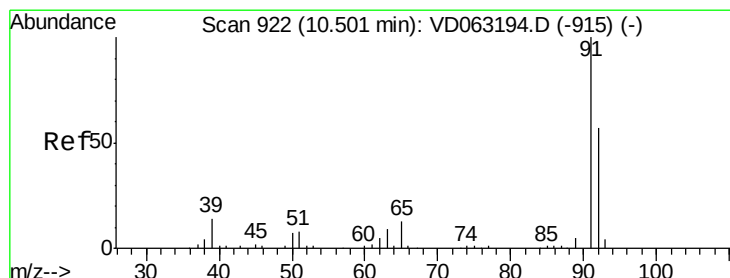
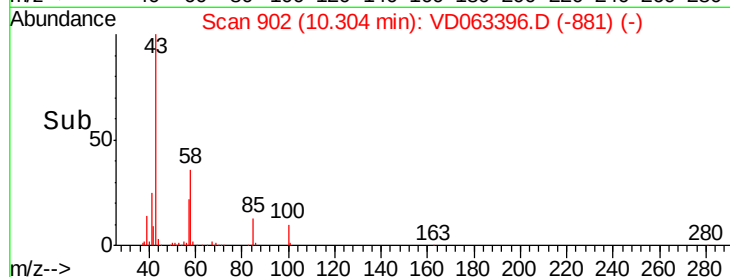
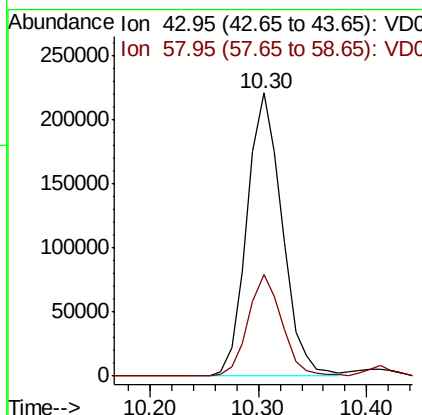
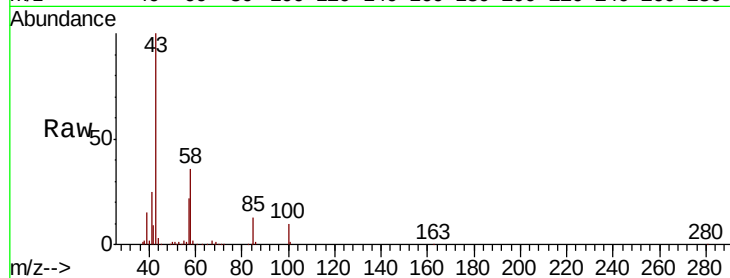




#51
 4-Methyl-2-Pentanone
 Concen: 92.248 ug/l
 RT: 10.30 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: VD063396.D
 Acq: 6 Aug 2019 13:57

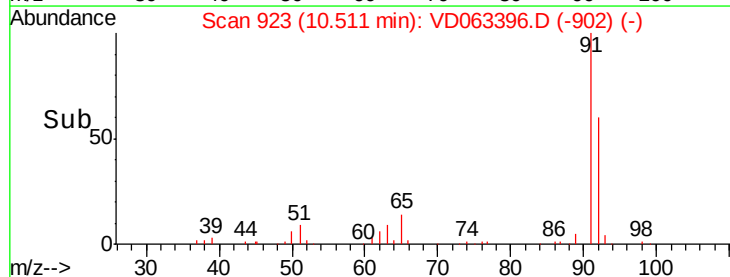
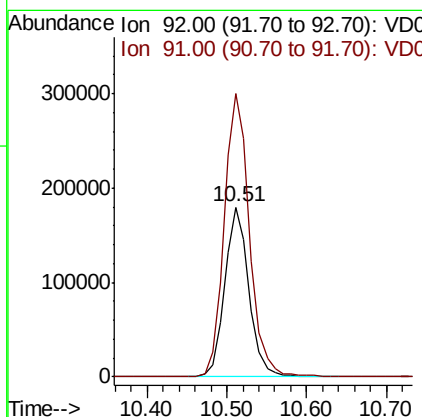
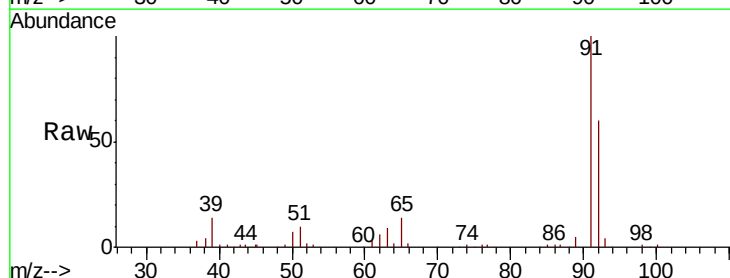
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBSD01

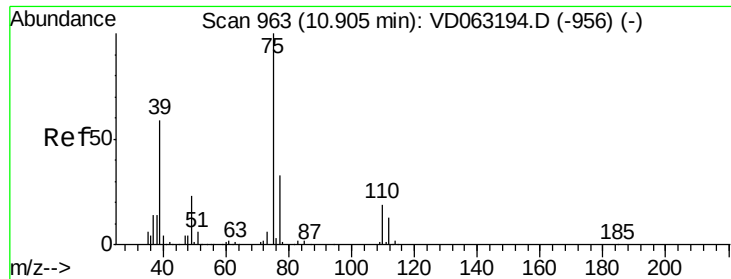
Tgt Ion: 43 Resp: 499717
 Ion Ratio Lower Upper
 43 100
 58 36.1 26.2 39.2



#52
 Toluene
 Concen: 19.840 ug/l
 RT: 10.51 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VD063396.D
 Acq: 6 Aug 2019 13:57

Tgt Ion: 92 Resp: 383856
 Ion Ratio Lower Upper
 92 100
 91 166.5 140.8 211.2





#53

t-1,3-Dichloropropene

Concen: 17.904 ug/l

RT: 10.91 min Scan# 964

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

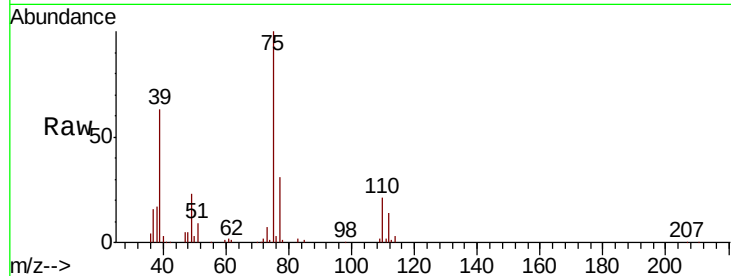
VD0806SBSD01

Tgt Ion: 75 Resp: 241902

Ion Ratio Lower Upper

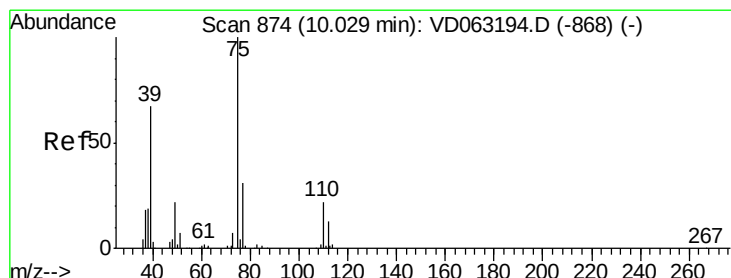
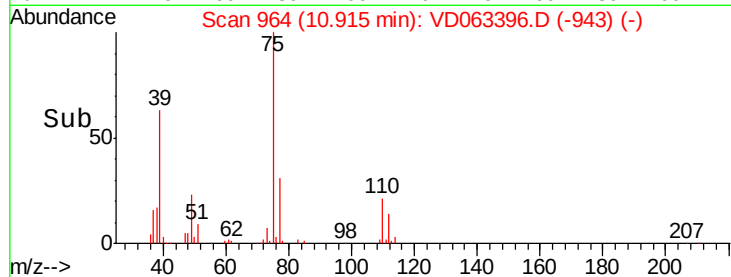
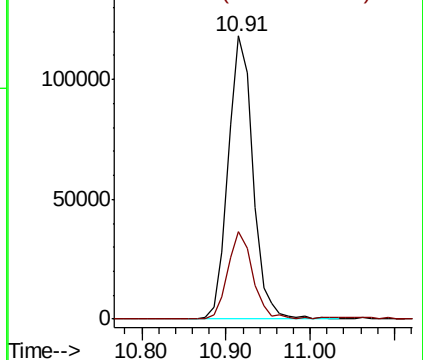
75 100

77 31.1 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 19.766 ug/l

RT: 10.04 min Scan# 875

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

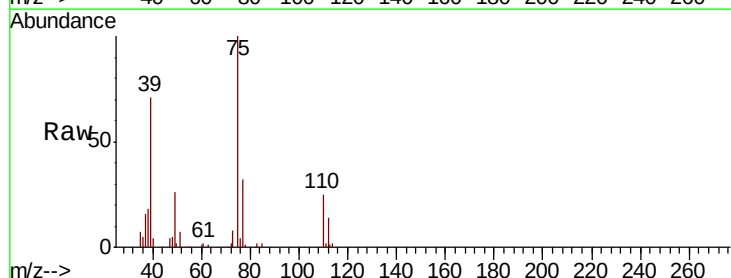
Tgt Ion: 75 Resp: 280667

Ion Ratio Lower Upper

75 100

77 32.2 24.9 37.3

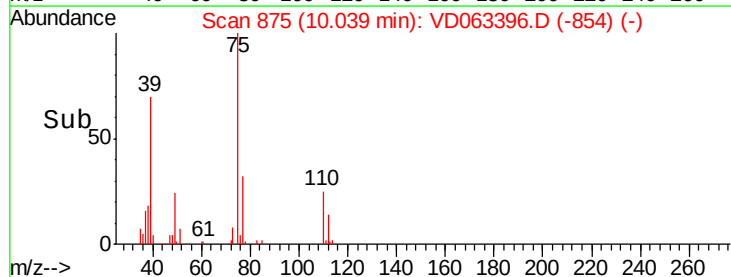
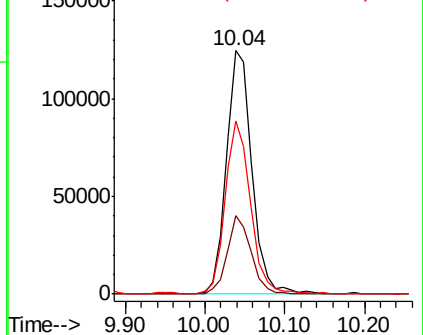
39 70.9 53.9 80.9

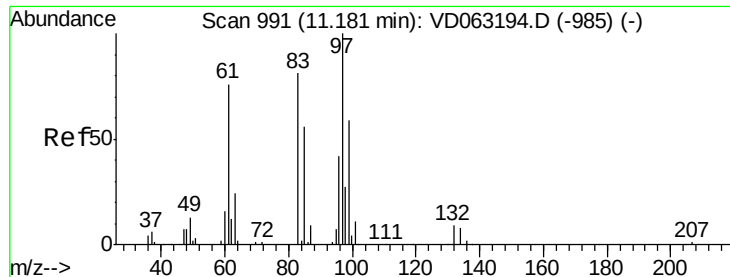


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

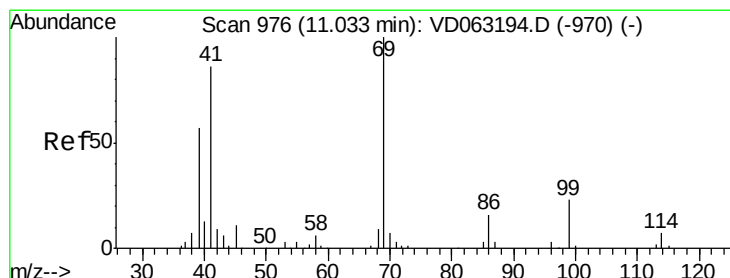
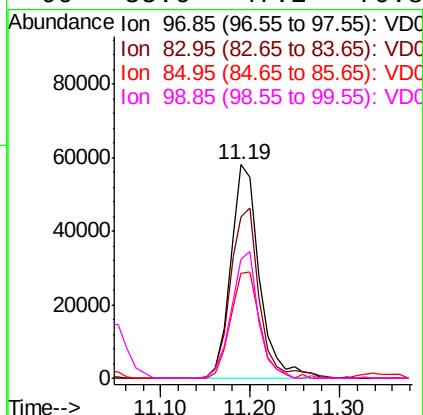
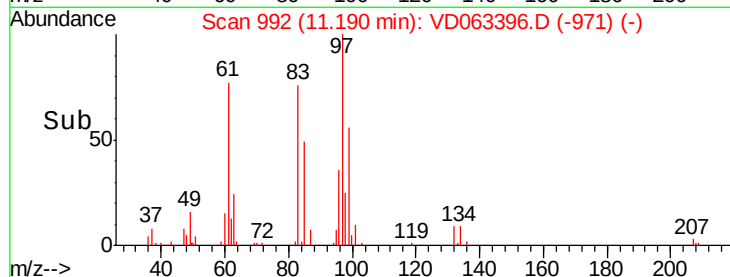
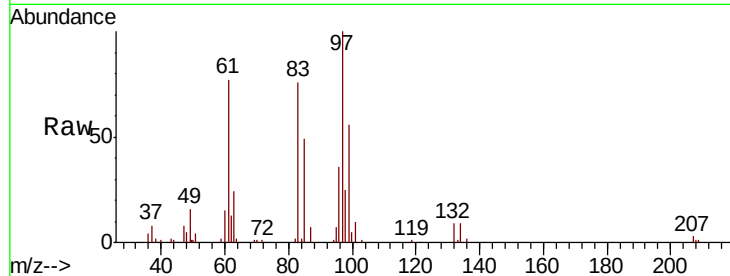




#55
1,1,2-Trichloroethane
Concen: 20.095 ug/l
RT: 11.19 min Scan# 992
Delta R.T. 0.01 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

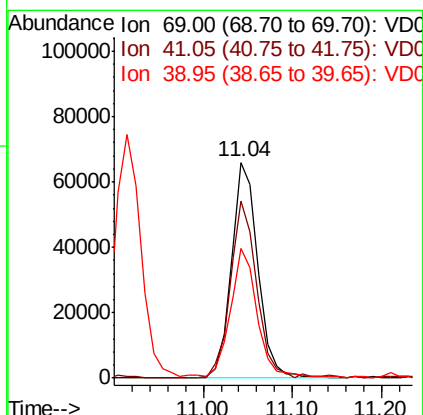
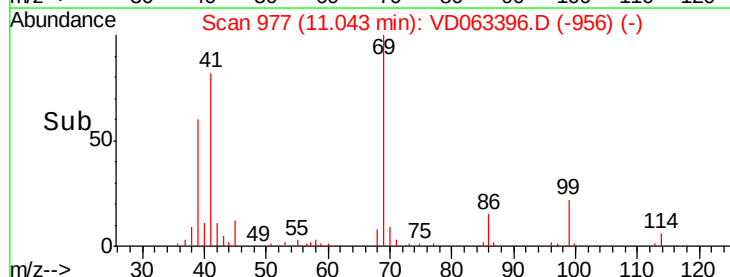
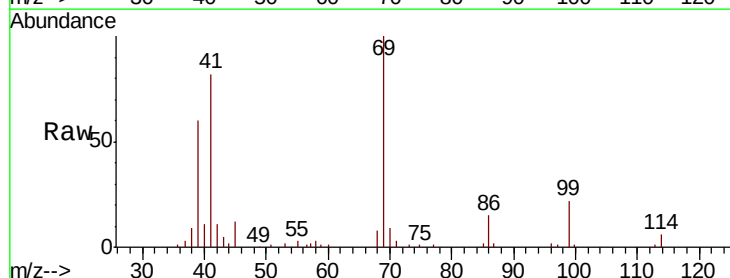
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

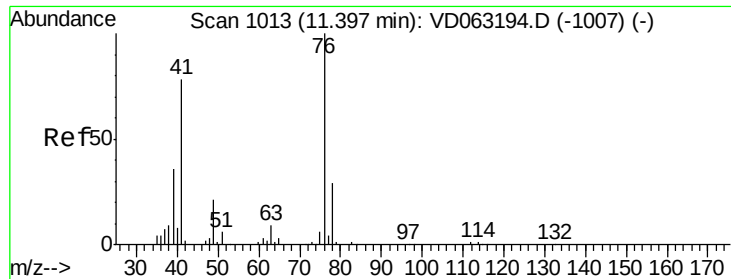
Tgt Ion: 97 Resp: 131304
Ion Ratio Lower Upper
97 100
83 75.6 64.8 97.2
85 49.2 44.9 67.3
99 55.6 47.2 70.8



#56
Ethyl methacrylate
Concen: 19.186 ug/l
RT: 11.04 min Scan# 977
Delta R.T. 0.01 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

Tgt Ion: 69 Resp: 137279
Ion Ratio Lower Upper
69 100
41 82.3 68.8 103.2
39 60.3 45.8 68.8

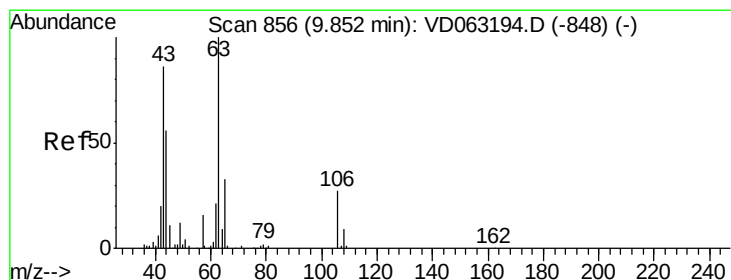
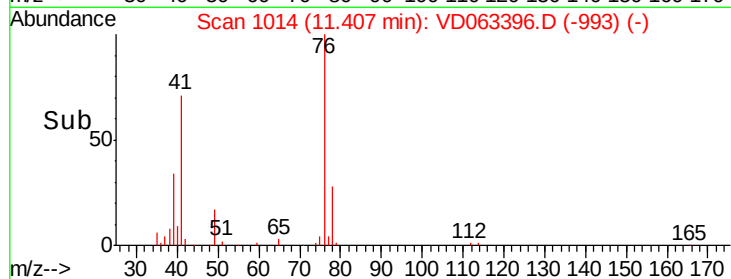
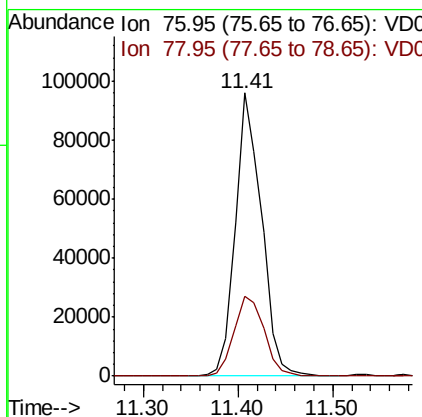
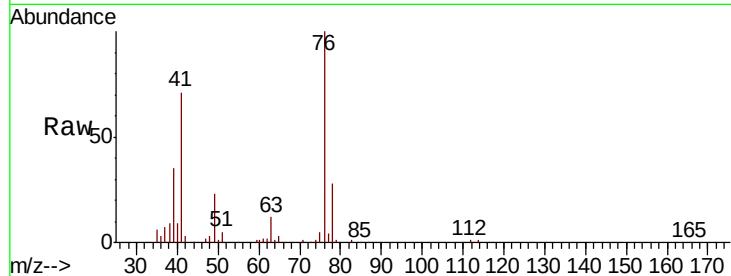




#57
 1,3-Dichloropropane
 Concen: 17.895 ug/l
 RT: 11.41 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: VD063396.D
 Acq: 6 Aug 2019 13:57

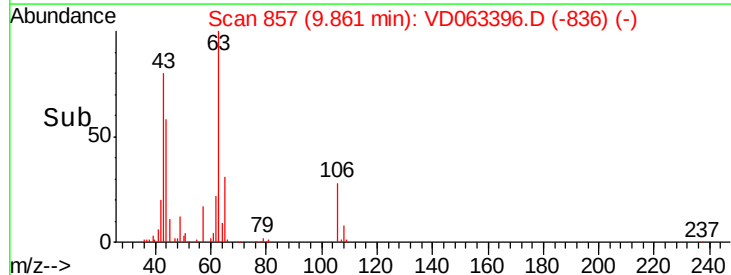
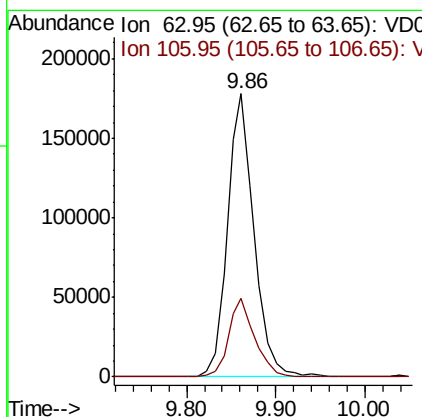
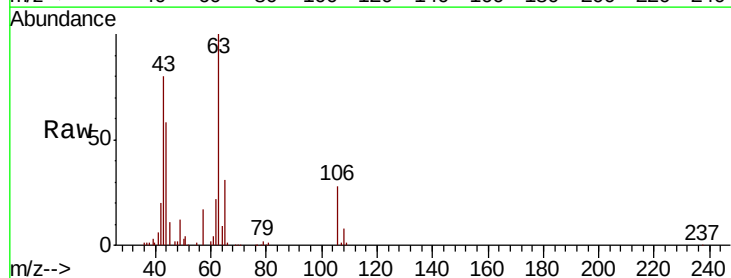
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBSD01

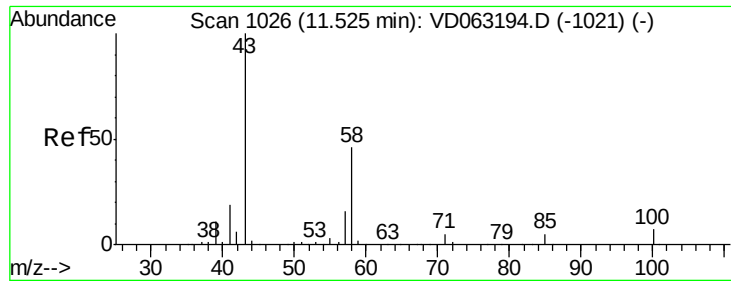
Tgt Ion: 76 Resp: 184238
 Ion Ratio Lower Upper
 76 100
 78 28.2 23.4 35.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.668 ug/l
 RT: 9.86 min Scan# 857
 Delta R.T. 0.01 min
 Lab File: VD063396.D
 Acq: 6 Aug 2019 13:57

Tgt Ion: 63 Resp: 371077
 Ion Ratio Lower Upper
 63 100
 106 27.6 22.0 33.0

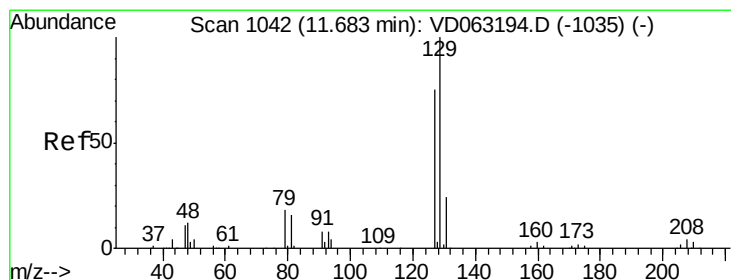
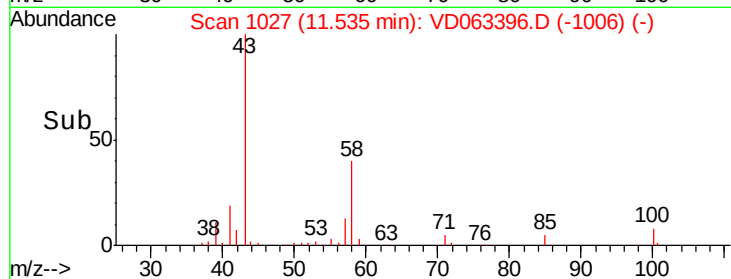
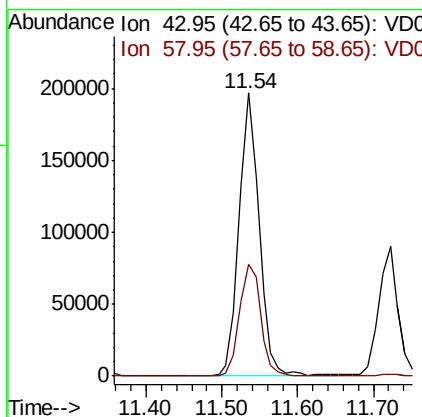
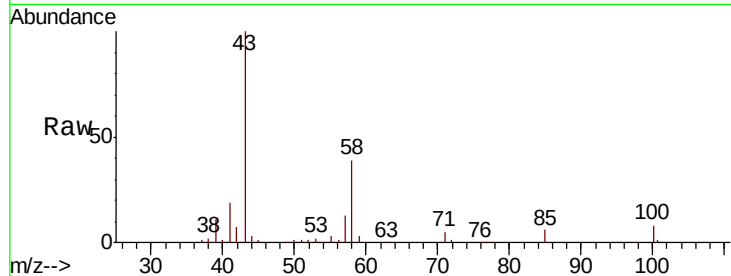




#59
2-Hexanone
Concen: 92.568 ug/l
RT: 11.54 min Scan# 1027
Delta R.T. 0.01 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

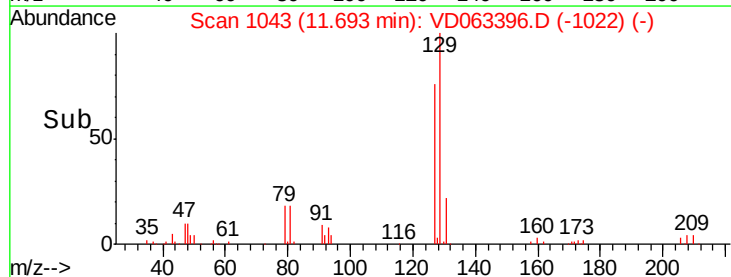
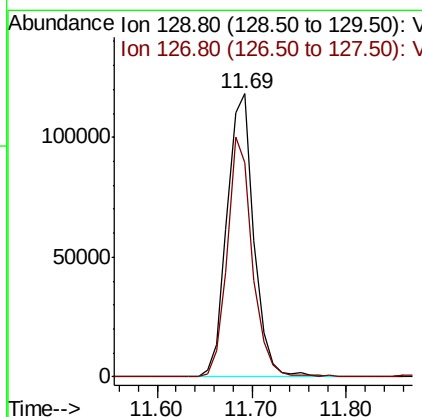
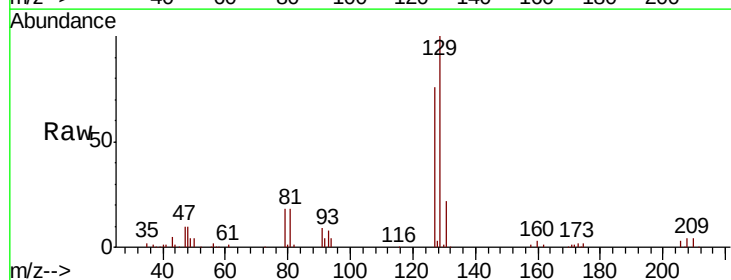
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

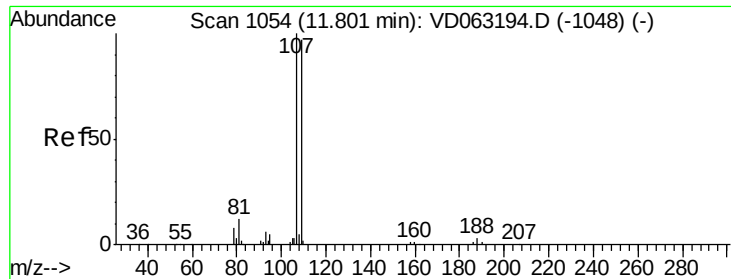
Tgt Ion: 43 Resp: 361364
Ion Ratio Lower Upper
43 100
58 39.4 22.9 68.5



#60
Dibromochloromethane
Concen: 18.834 ug/l
RT: 11.69 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

Tgt Ion: 129 Resp: 232331
Ion Ratio Lower Upper
129 100
127 75.8 37.6 112.8





#61

1,2-Dibromoethane

Concen: 19.176 ug/l

RT: 11.81 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

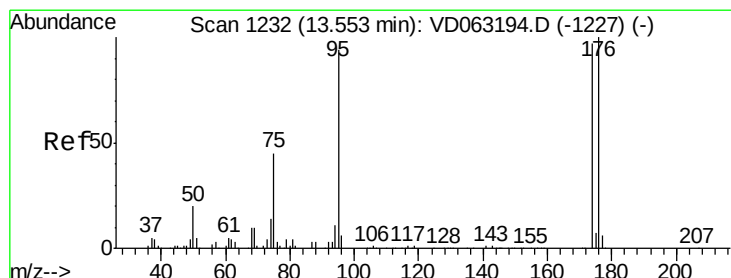
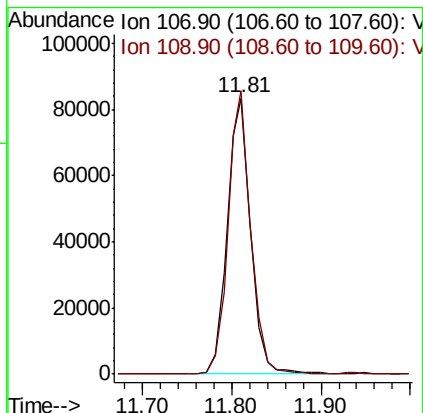
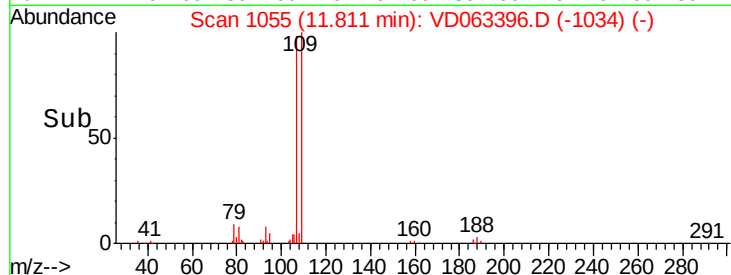
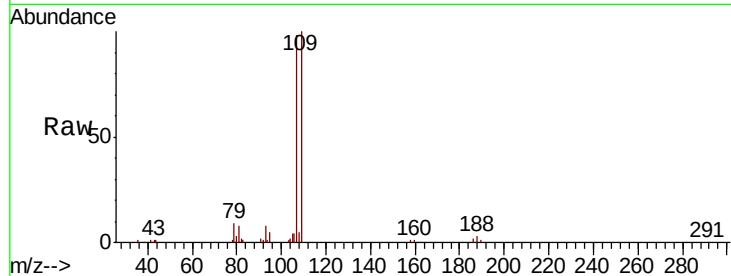
VD0806SBSD01

Tgt Ion: 107 Resp: 154610

Ion Ratio Lower Upper

107 100

109 102.5 77.5 116.3



#62

4-Bromofluorobenzene

Concen: 47.997 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

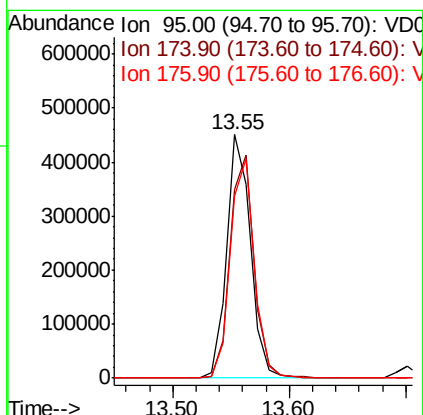
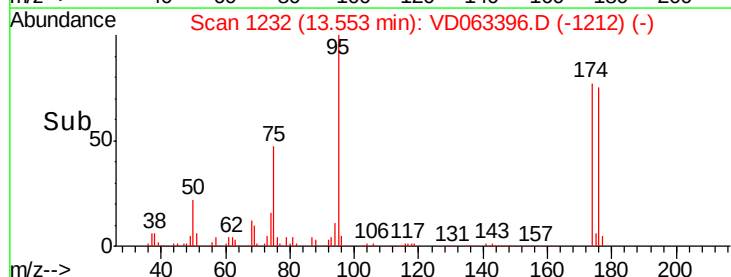
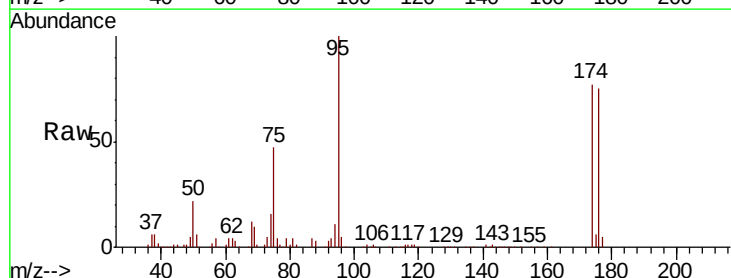
Tgt Ion: 95 Resp: 635605

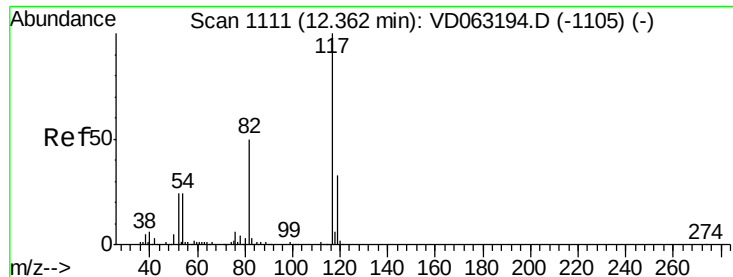
Ion Ratio Lower Upper

95 100

174 77.3 0.0 205.4

176 74.6 0.0 211.8

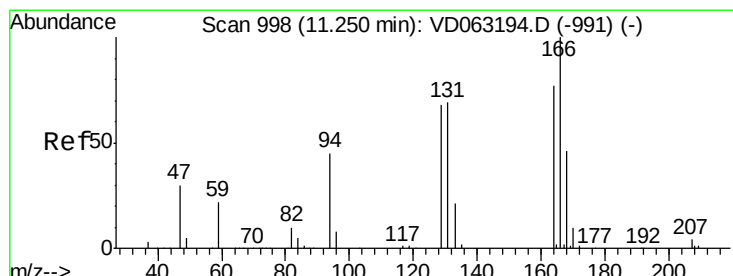
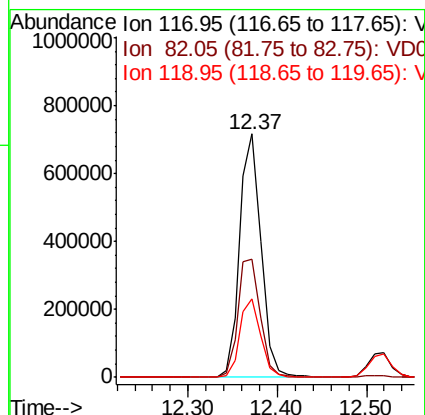
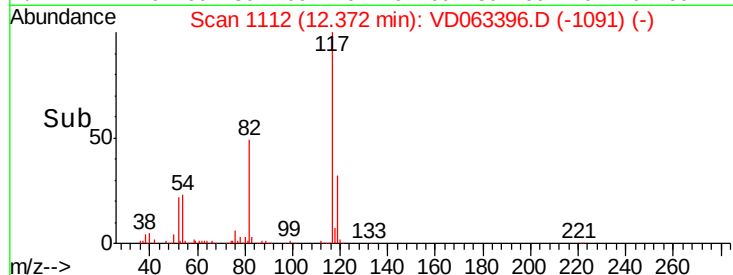
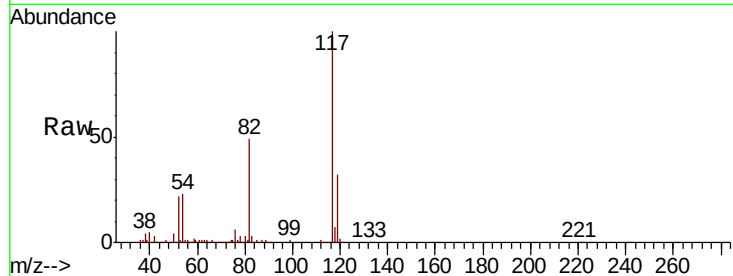




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

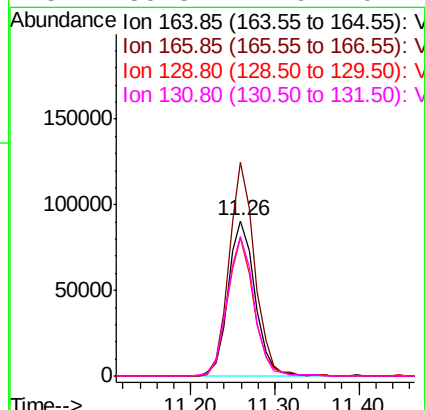
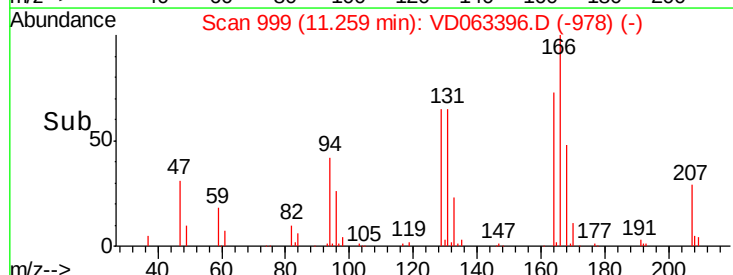
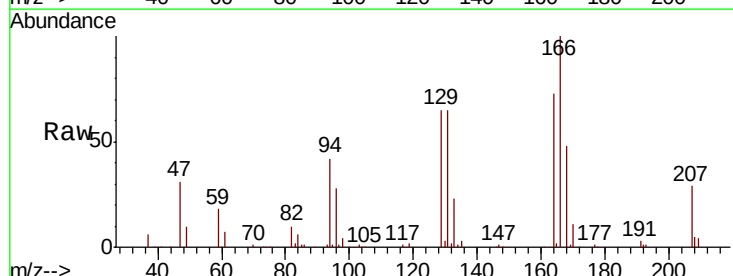
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

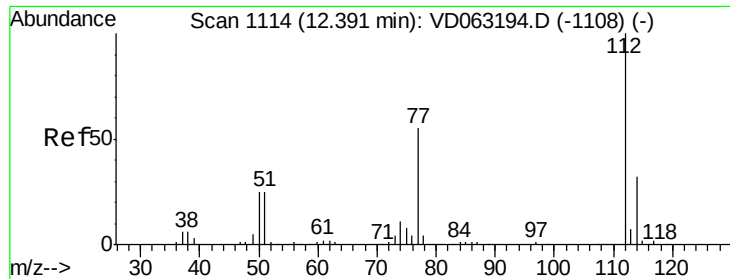
Tgt Ion:117 Resp: 1207717
Ion Ratio Lower Upper
117 100
82 48.5 40.1 60.1
119 32.2 26.5 39.7



#64
Tetrachloroethene
Concen: 20.892 ug/l
RT: 11.26 min Scan# 999
Delta R.T. 0.01 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

Tgt Ion:164 Resp: 201013
Ion Ratio Lower Upper
164 100
166 137.4 104.3 156.5
129 89.3 70.9 106.3
131 89.5 71.6 107.4

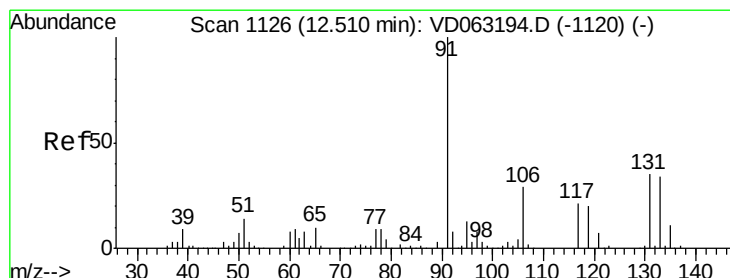
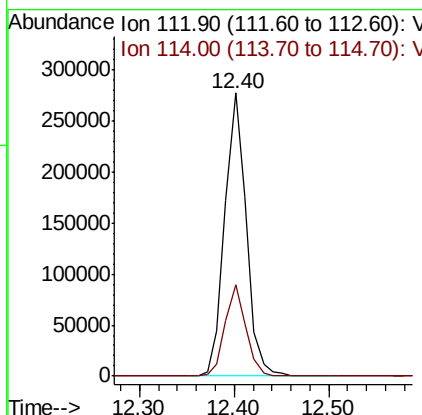
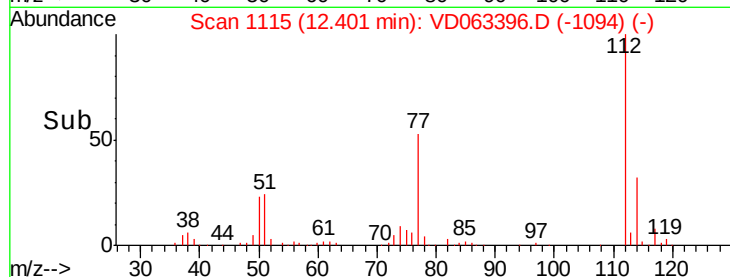
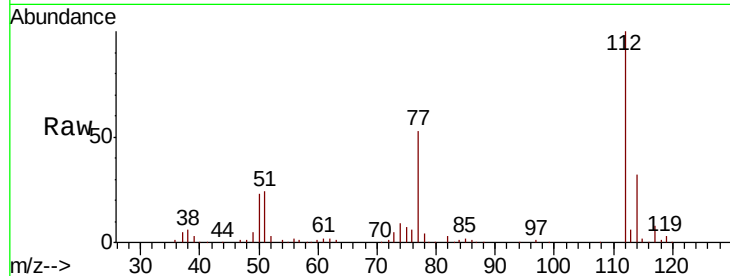




#65
Chlorobenzene
Concen: 18.783 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

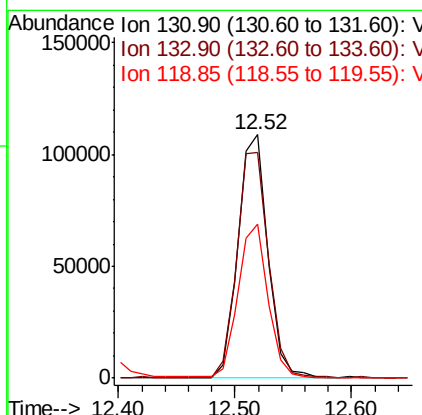
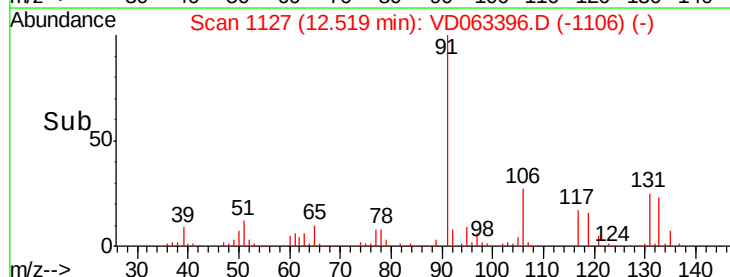
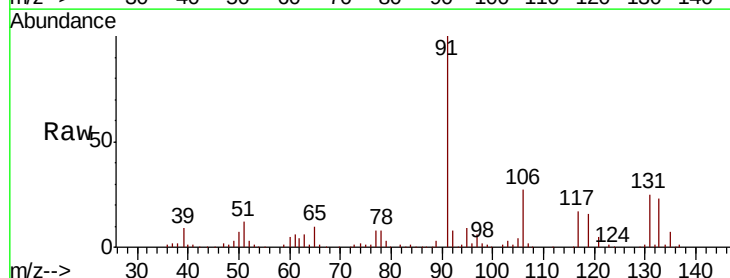
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

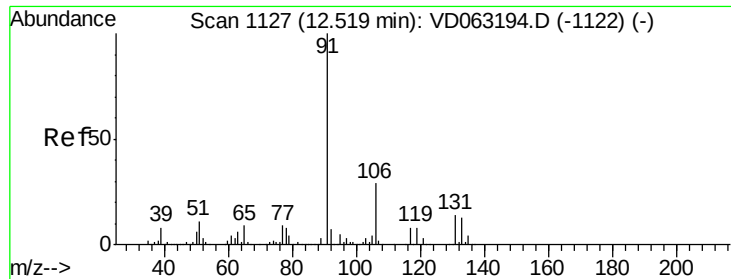
Tgt Ion:112 Resp: 436320
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.863 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.01 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

Tgt Ion:131 Resp: 193012
Ion Ratio Lower Upper
131 100
133 92.5 48.4 145.2
119 63.5 29.1 87.3

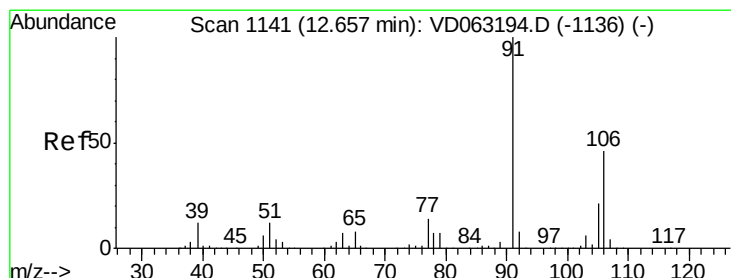
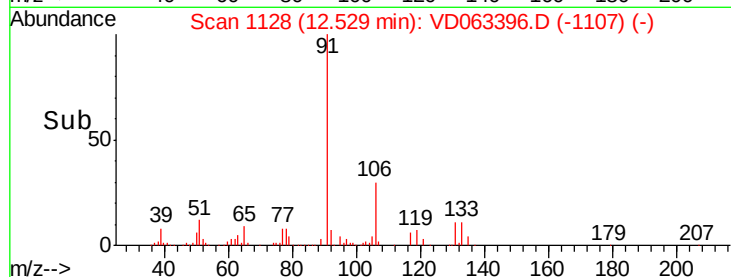
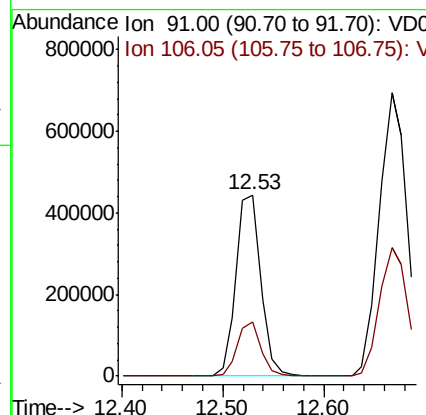
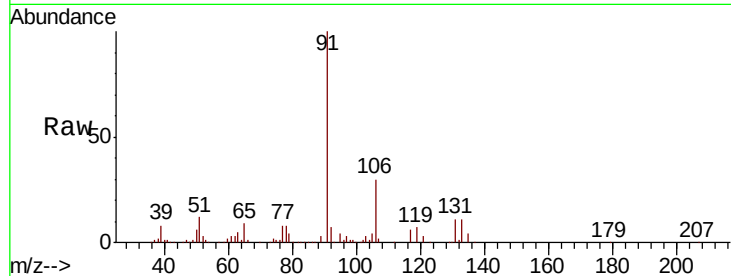




#67
Ethyl Benzene
Concen: 19.344 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

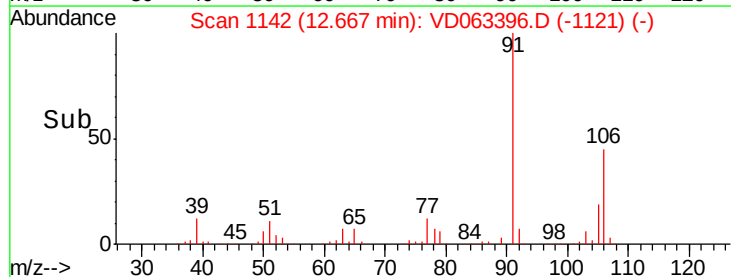
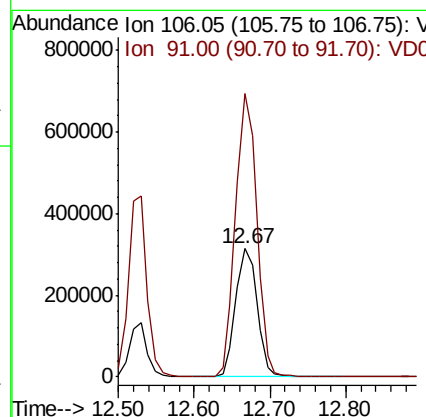
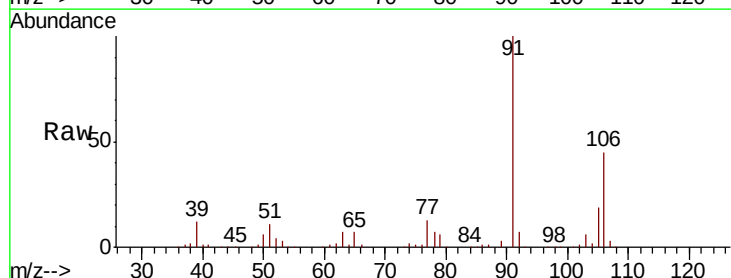
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

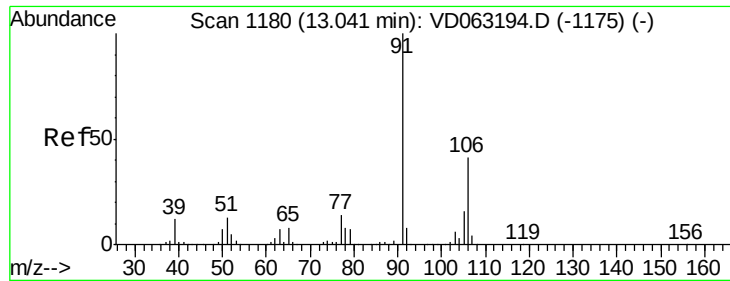
Tgt Ion: 91 Resp: 763376
Ion Ratio Lower Upper
91 100
106 29.6 22.9 34.3



#68
m/p-Xylenes
Concen: 42.427 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

Tgt Ion: 106 Resp: 614002
Ion Ratio Lower Upper
106 100
91 221.3 172.6 259.0

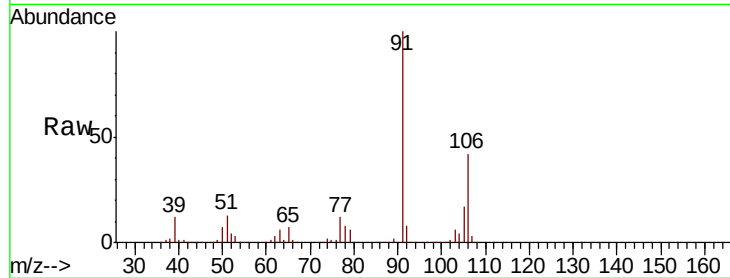




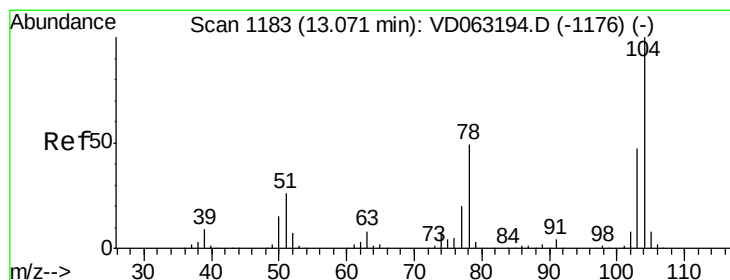
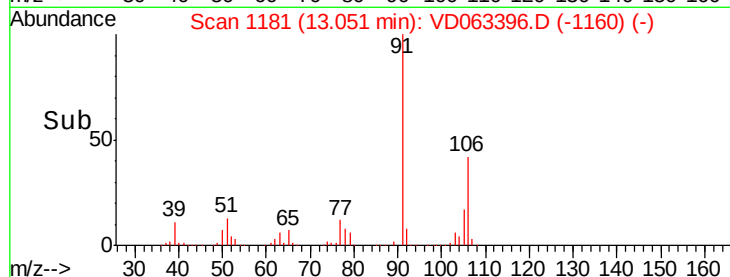
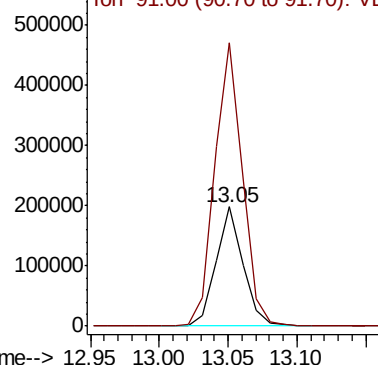
#69
o-Xylene
Concen: 20.590 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

Tgt Ion:106 Resp: 273631
Ion Ratio Lower Upper
106 100
91 237.6 121.3 363.9

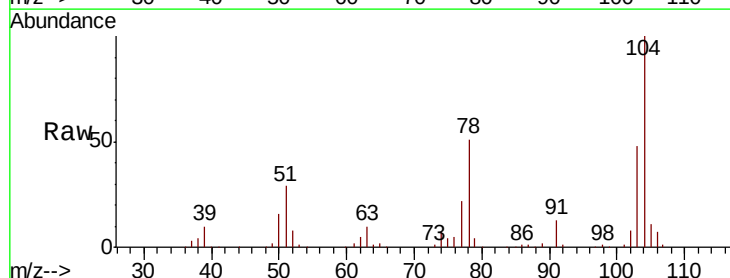


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

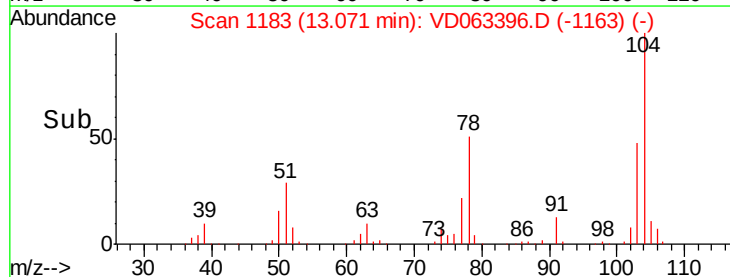
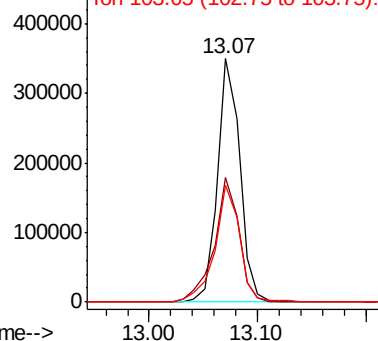


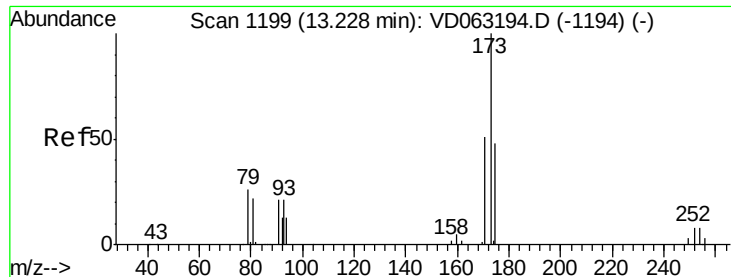
#70
Styrene
Concen: 21.291 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

Tgt Ion:104 Resp: 501804
Ion Ratio Lower Upper
104 100
78 51.0 39.4 59.0
103 47.8 37.4 56.2



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 20.224 ug/l

RT: 13.24 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

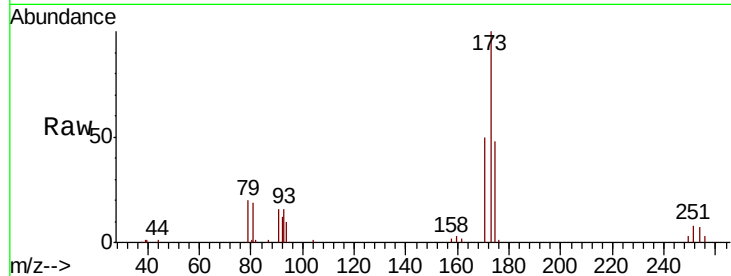
Tgt Ion:173 Resp: 150489

Ion Ratio Lower Upper

173 100

175 47.6 23.8 71.5

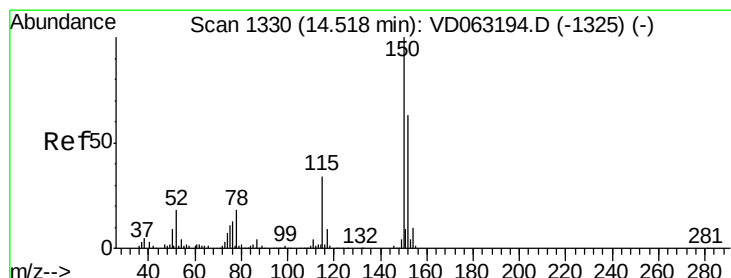
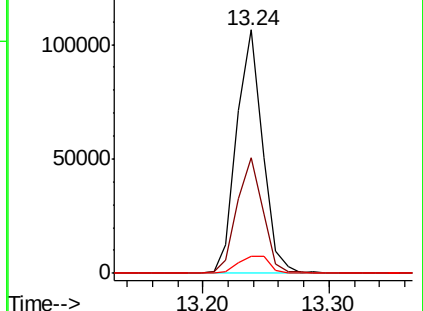
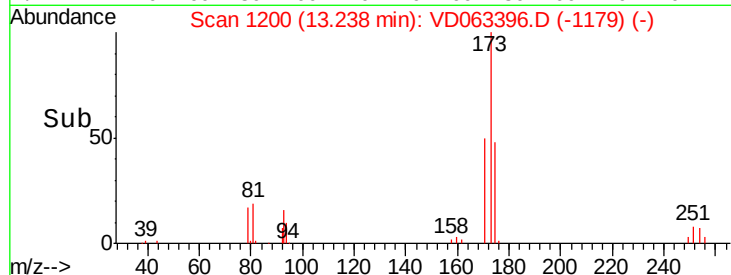
254 7.2 6.6 10.0



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

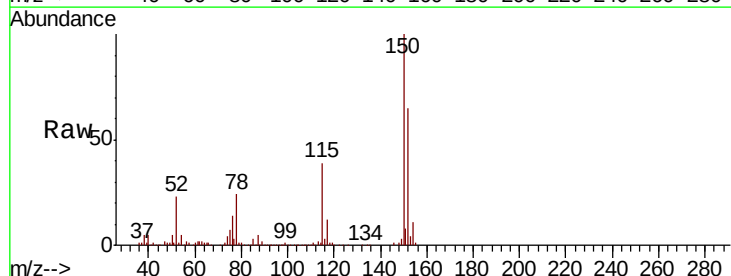
Tgt Ion:152 Resp: 682751

Ion Ratio Lower Upper

152 100

115 60.9 27.5 82.4

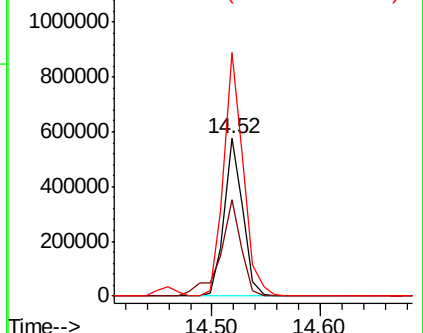
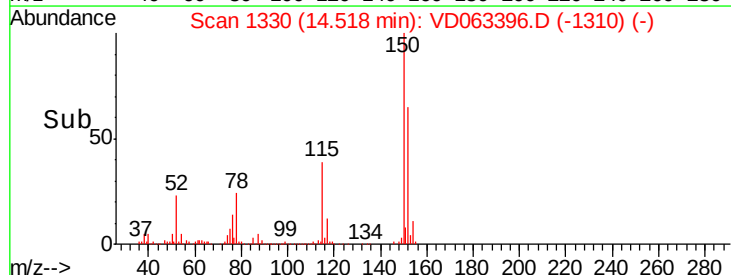
150 154.7 0.0 320.6

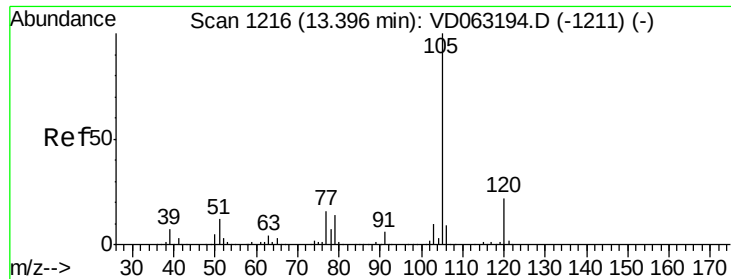


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.739 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

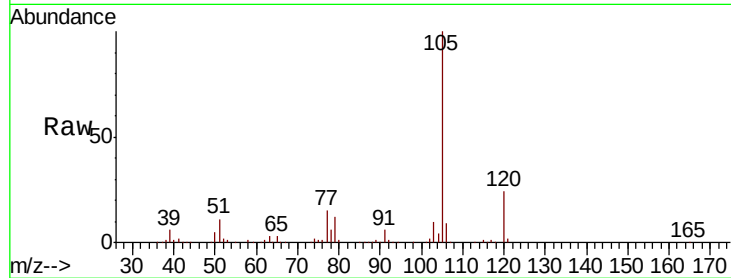
VD0806SBSD01

Tgt Ion: 105 Resp: 845839

Ion Ratio Lower Upper

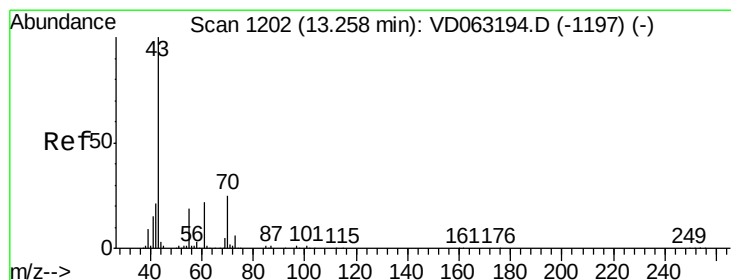
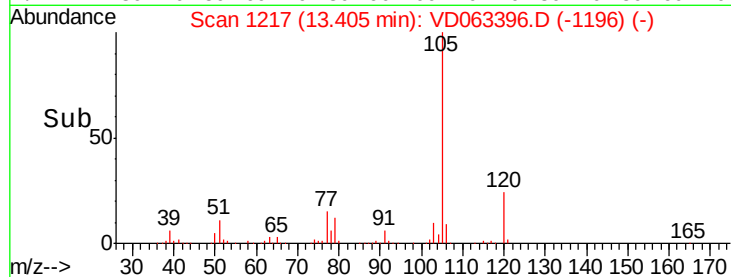
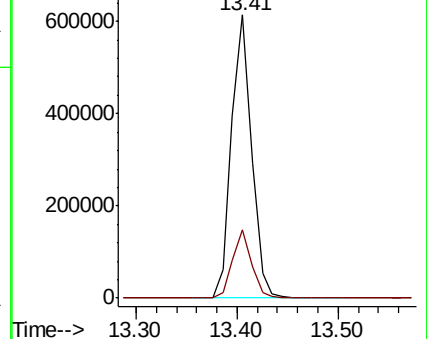
105 100

120 24.2 11.1 33.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 19.791 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Tgt Ion: 43 Resp: 224199

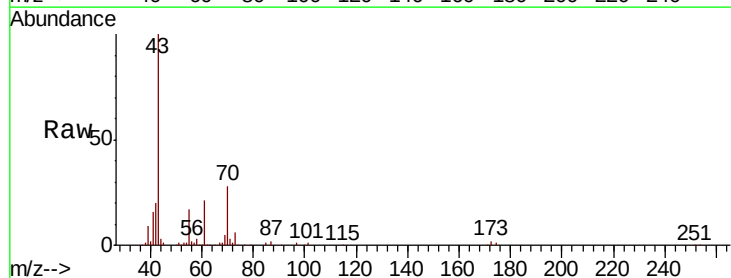
Ion Ratio Lower Upper

43 100

70 28.5 20.2 30.4

55 17.1 14.9 22.3

61 21.2 17.9 26.9

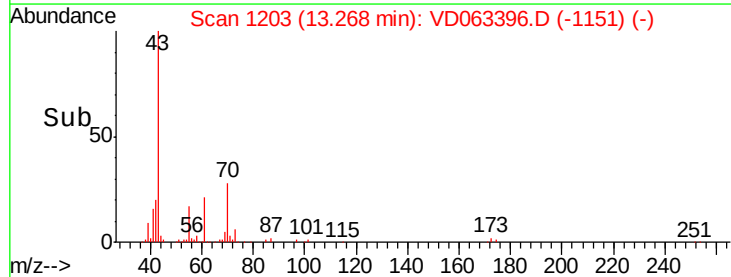
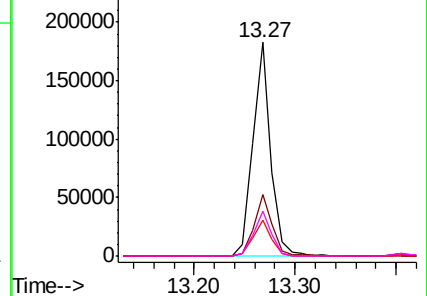


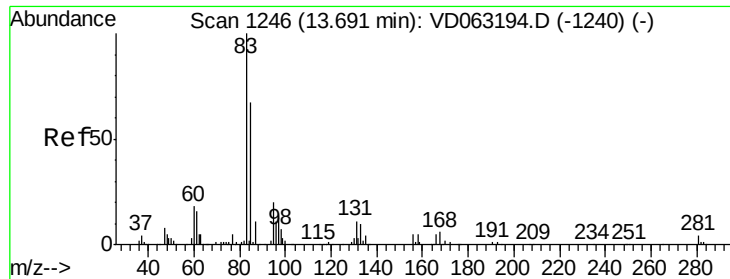
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.812 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

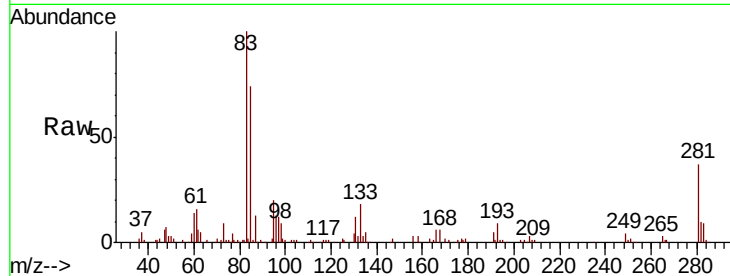
Tgt Ion: 83 Resp: 144210

Ion Ratio Lower Upper

83 100

131 12.2 5.5 16.7

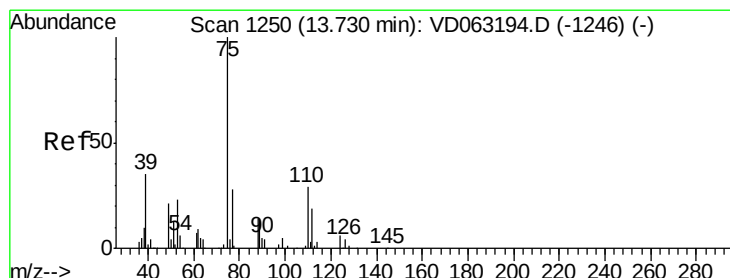
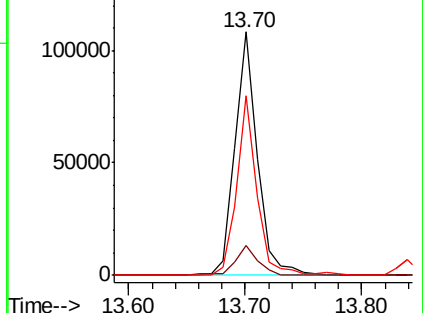
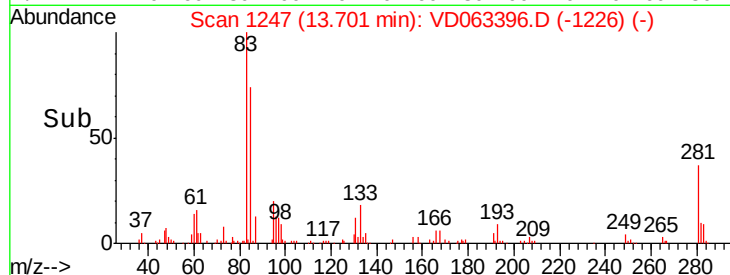
85 73.8 33.7 101.1



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 19.792 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VD063396.D

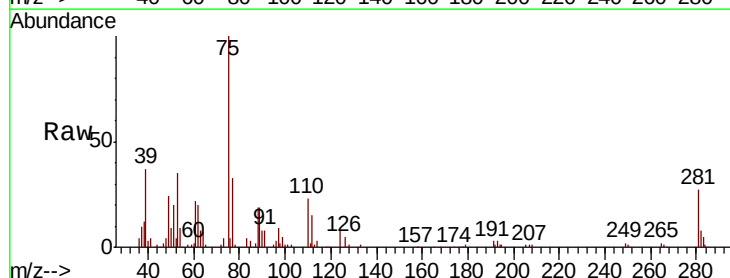
Acq: 6 Aug 2019 13:57

Tgt Ion: 75 Resp: 162305

Ion Ratio Lower Upper

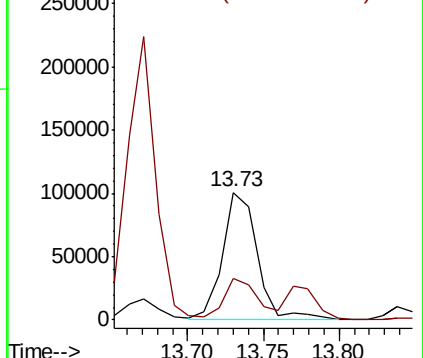
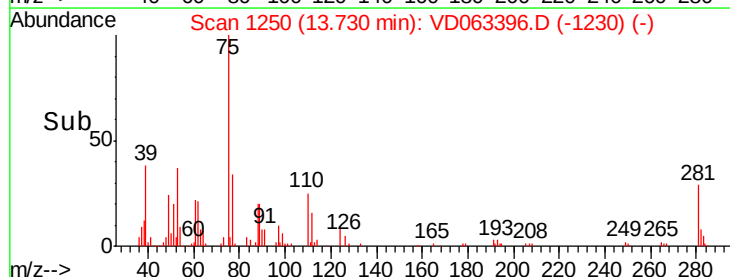
75 100

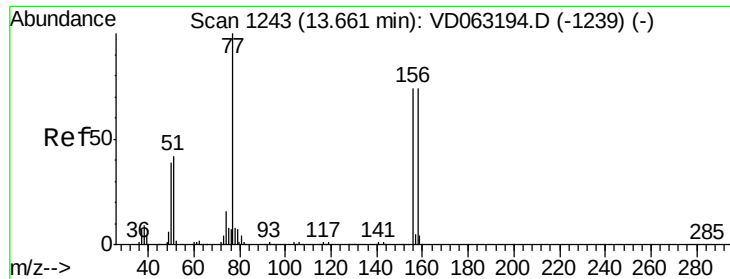
77 32.6 16.0 48.0



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 19.871 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

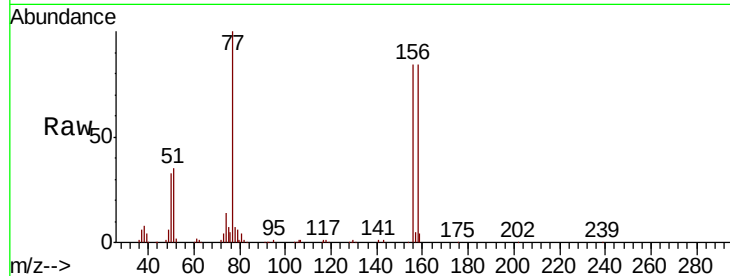
Tgt Ion:156 Resp: 242567

Ion Ratio Lower Upper

156 100

77 119.6 67.6 202.8

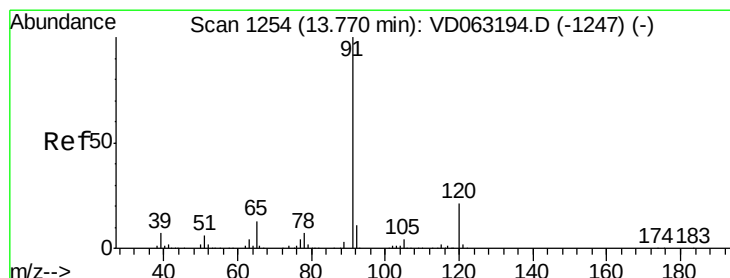
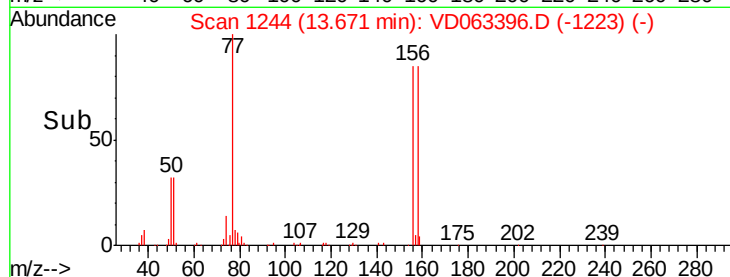
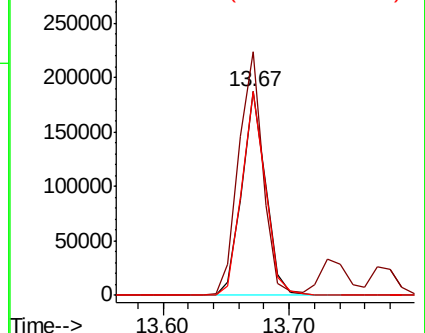
158 99.9 49.8 149.4



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 20.107 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VD063396.D

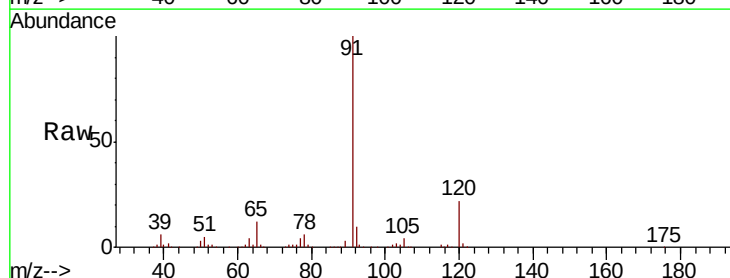
Acq: 6 Aug 2019 13:57

Tgt Ion: 91 Resp: 1025368

Ion Ratio Lower Upper

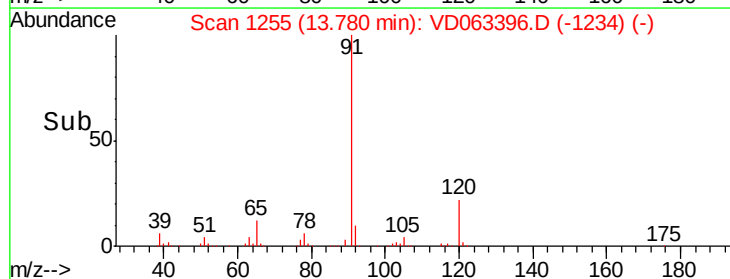
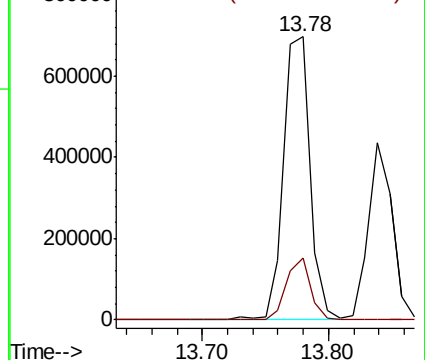
91 100

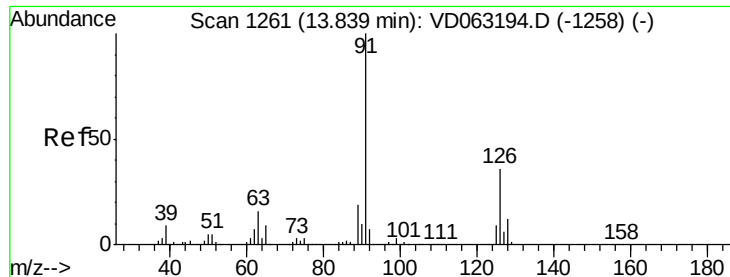
120 21.7 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

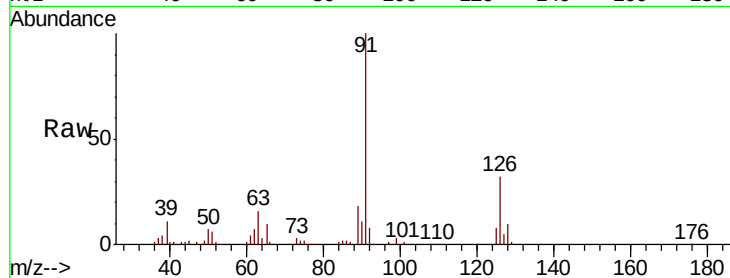




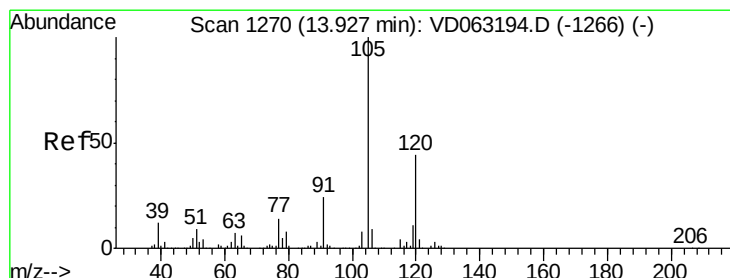
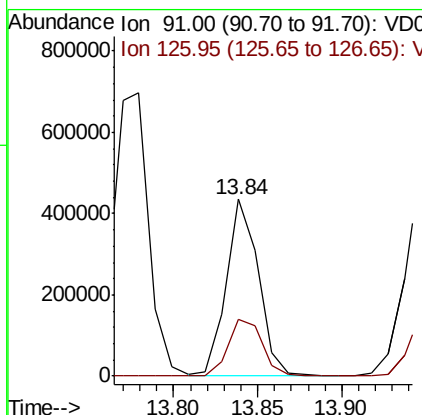
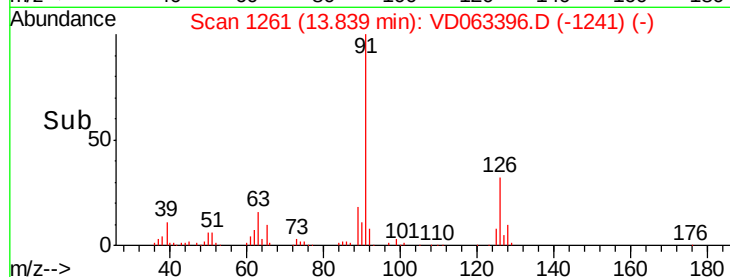
#79
 2-Chlorotoluene
 Concen: 19.545 ug/l
 RT: 13.84 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VD063396.D
 Acq: 6 Aug 2019 13:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBSD01

Tgt Ion: 91 Resp: 577522
 Ion Ratio Lower Upper
 91 100
 126 31.8 17.8 53.5

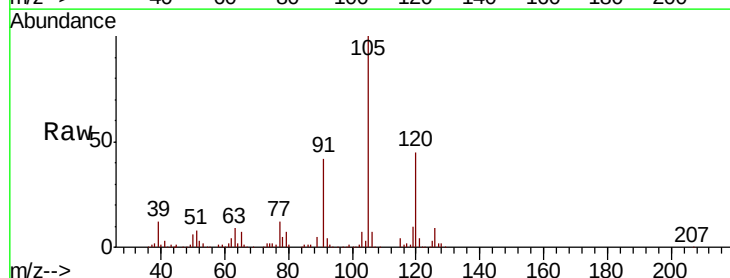


Abundance Ion 91.00 (90.70 to 91.70): VD063396.D (-1241) (-)
 Ion 125.95 (125.65 to 126.65): VD063396.D (-1241) (-)

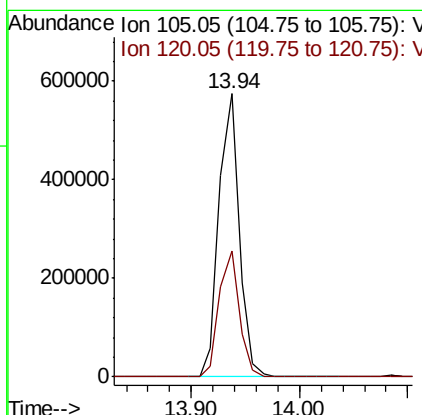
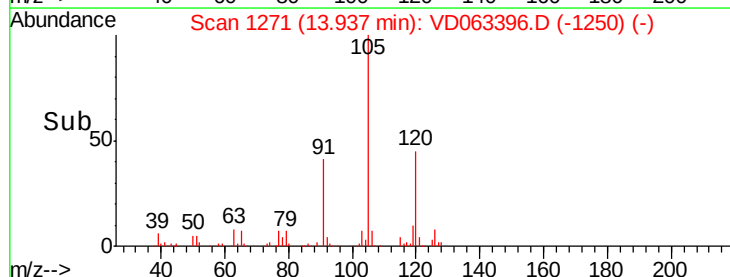


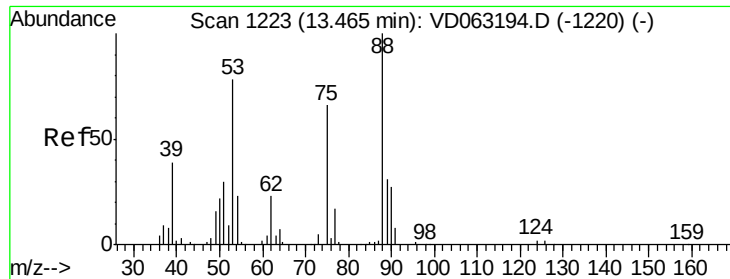
#80
 1,3,5-Trimethylbenzene
 Concen: 20.330 ug/l
 RT: 13.94 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: VD063396.D
 Acq: 6 Aug 2019 13:57

Tgt Ion: 105 Resp: 751373
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.1 66.1



Abundance Ion 105.05 (104.75 to 105.75): VD063396.D (-1250) (-)
 Ion 120.05 (119.75 to 120.75): VD063396.D (-1250) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.632 ug/l

RT: 13.47 min Scan# 1224

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

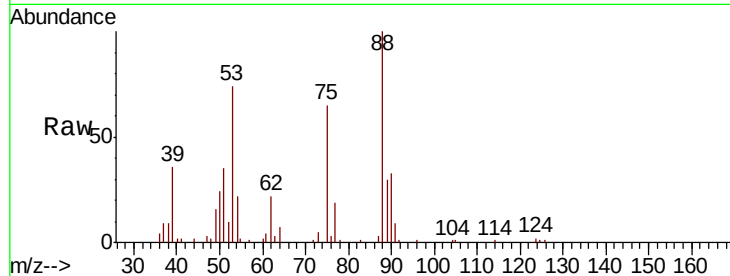
Tgt Ion: 75 Resp: 40151

Ion Ratio Lower Upper

75 100

53 113.4 94.9 142.3

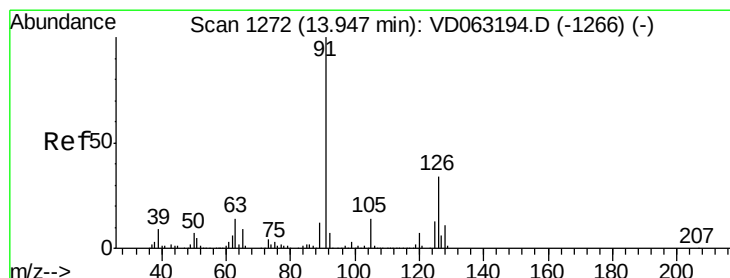
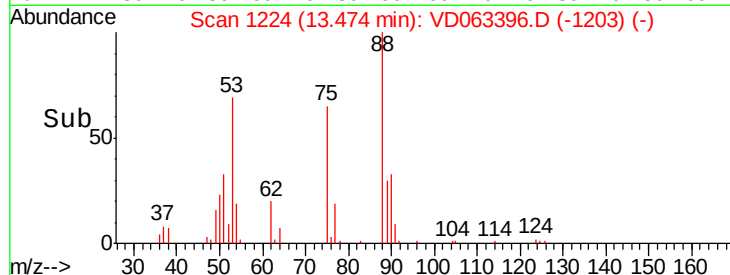
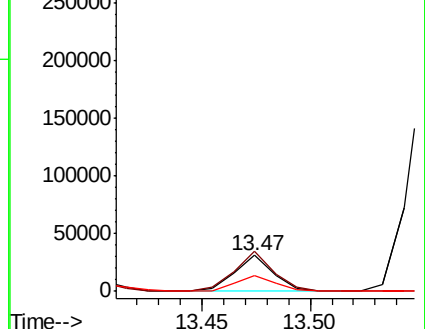
89 45.4 37.4 56.0



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 19.629 ug/l

RT: 13.95 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VD063396.D

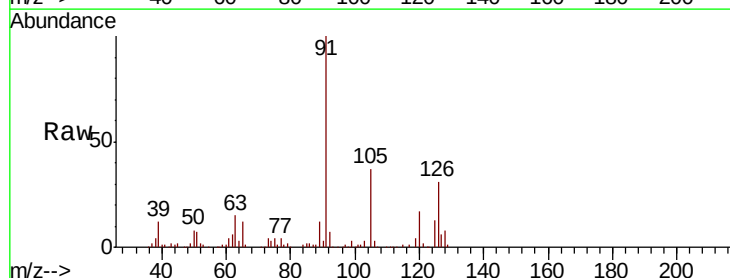
Acq: 6 Aug 2019 13:57

Tgt Ion: 91 Resp: 682583

Ion Ratio Lower Upper

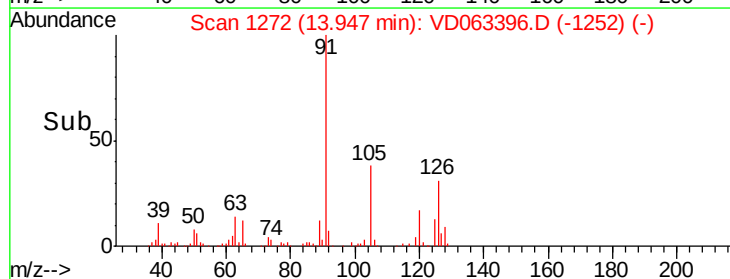
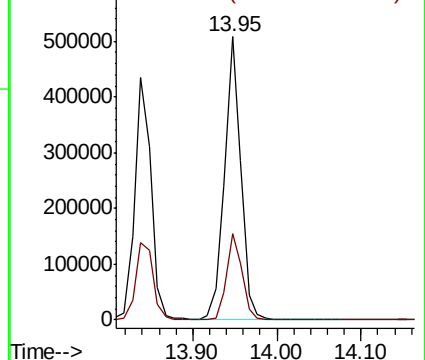
91 100

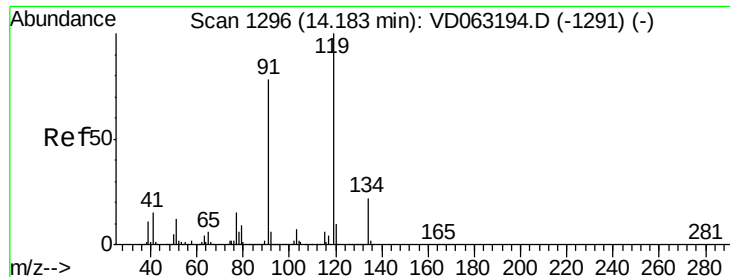
126 30.5 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V





#83

tert-Butylbenzene

Concen: 20.486 ug/l

RT: 14.19 min Scan# 1297

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

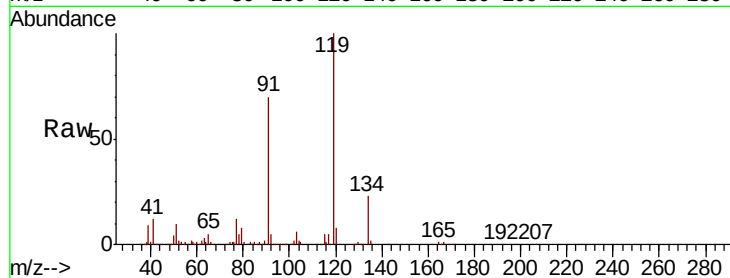
Tgt Ion:119 Resp: 864530

Ion Ratio Lower Upper

119 100

91 70.2 39.1 117.5

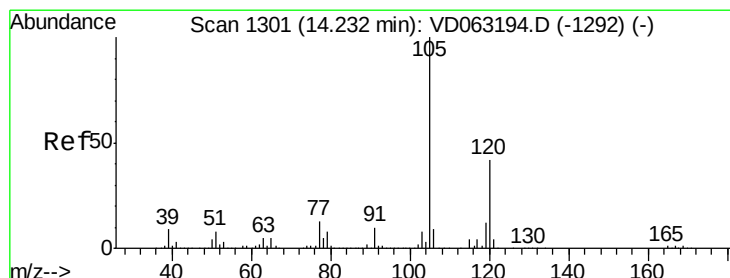
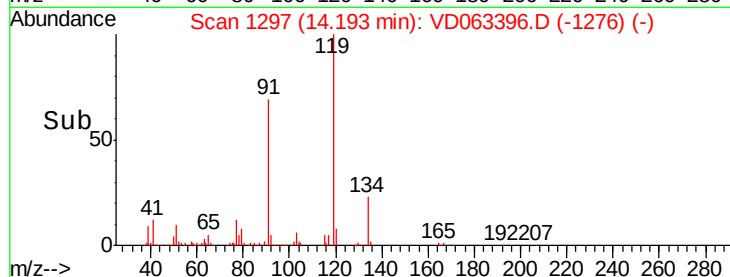
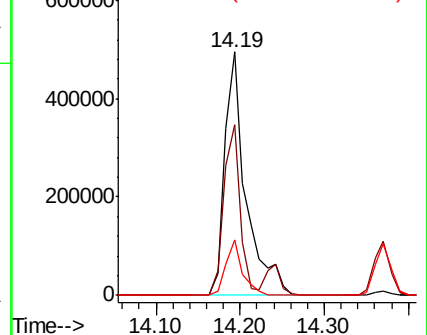
134 22.8 10.9 32.6



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.597 ug/l

RT: 14.24 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VD063396.D

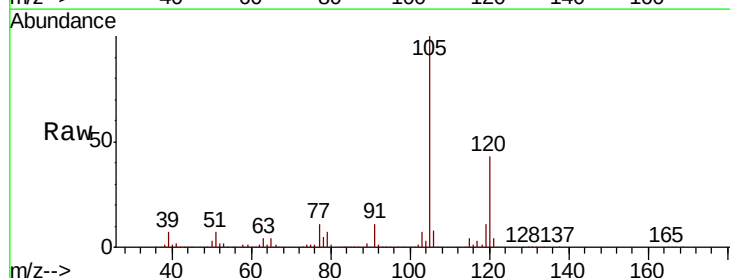
Acq: 6 Aug 2019 13:57

Tgt Ion:105 Resp: 749173

Ion Ratio Lower Upper

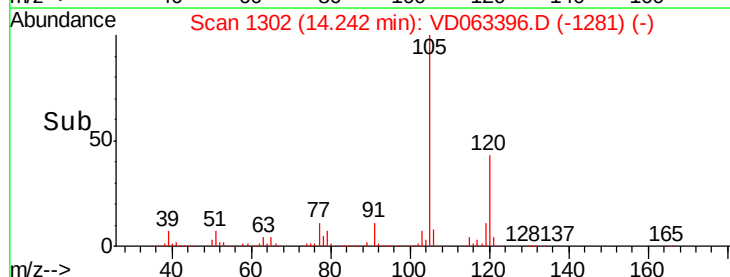
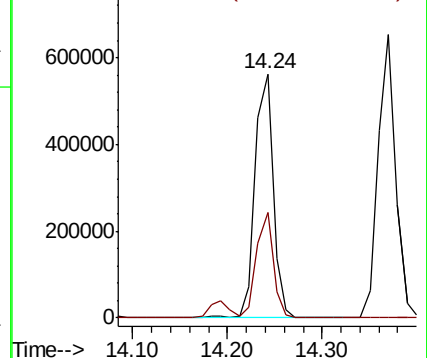
105 100

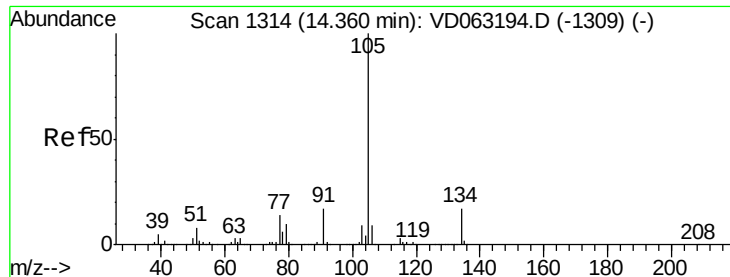
120 43.0 20.9 62.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#85

sec-Butylbenzene

Concen: 19.374 ug/l

RT: 14.37 min Scan# 1315

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

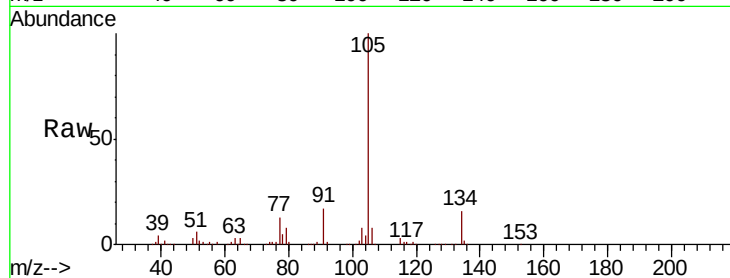
VD0806SBSD01

Tgt Ion:105 Resp: 861395

Ion Ratio Lower Upper

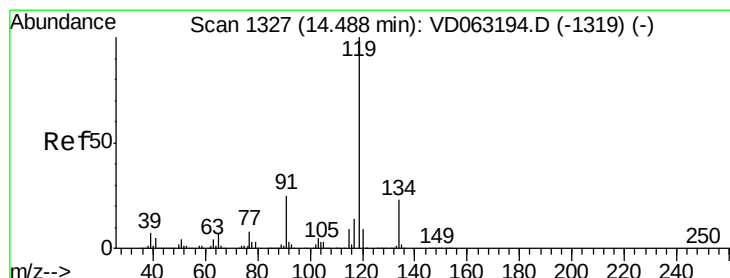
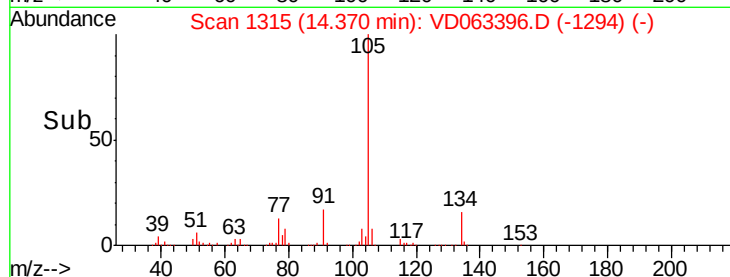
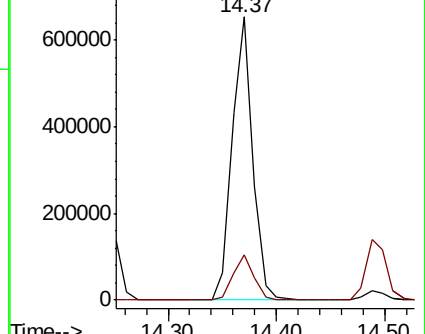
105 100

134 16.1 8.3 24.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 19.763 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. -0.00 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

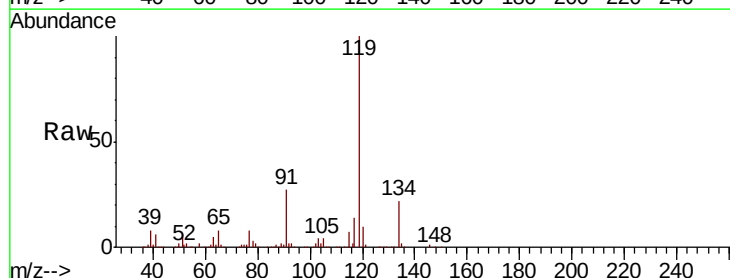
Tgt Ion:119 Resp: 838690

Ion Ratio Lower Upper

119 100

134 21.6 11.5 34.5

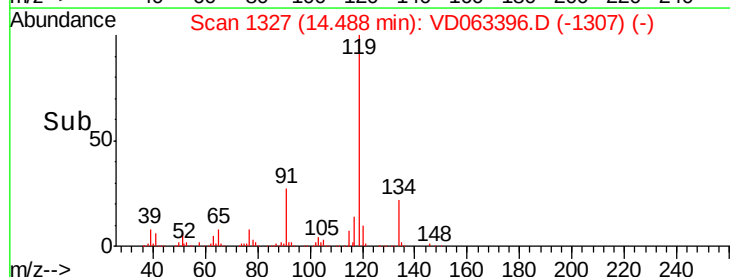
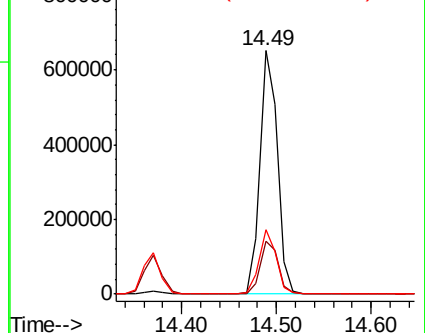
91 26.6 12.6 37.6

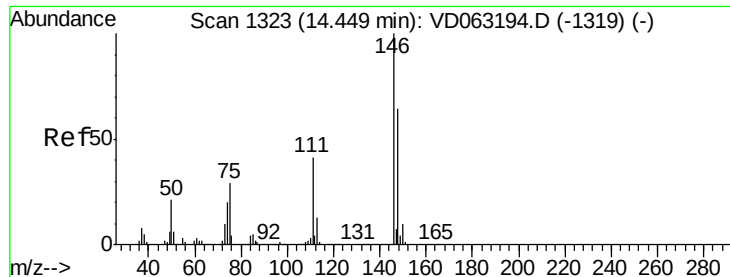


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

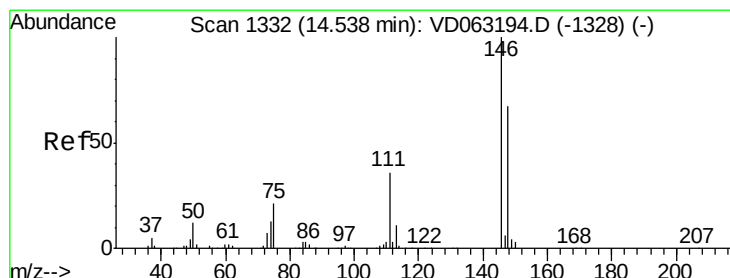
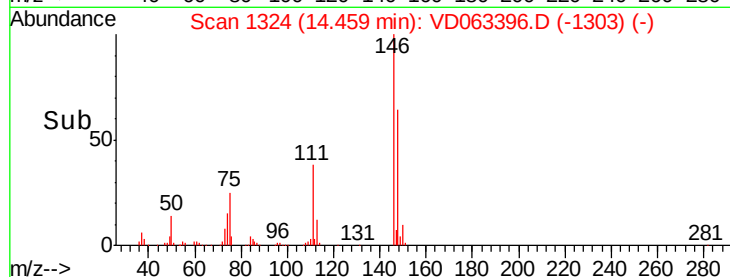
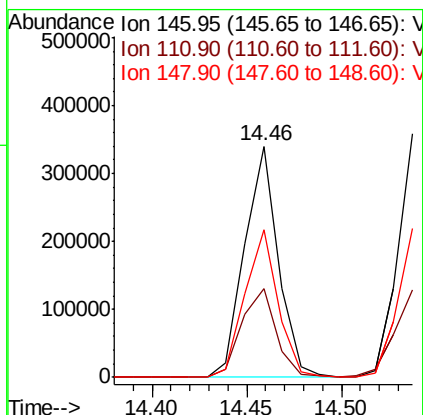
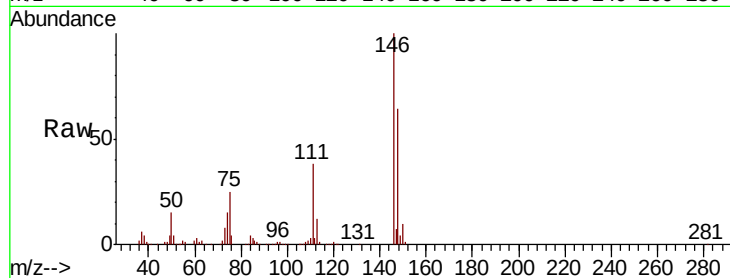




#87
 1,3-Dichlorobenzene
 Concen: 19.355 ug/l
 RT: 14.46 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VD063396.D
 Acq: 6 Aug 2019 13:57

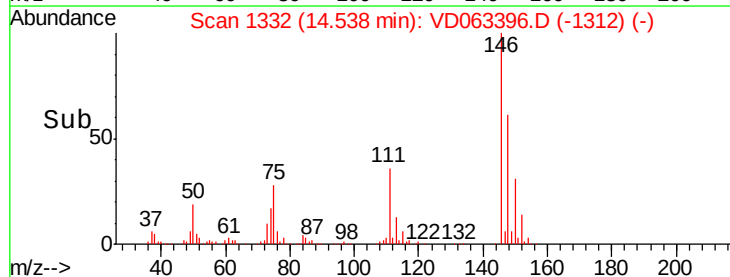
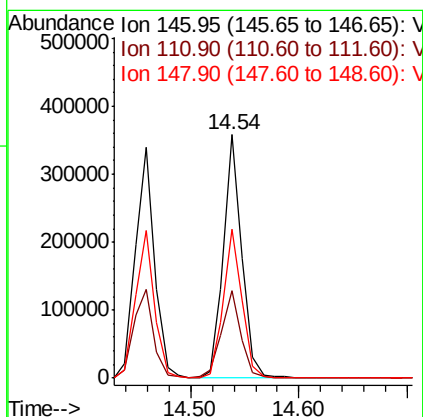
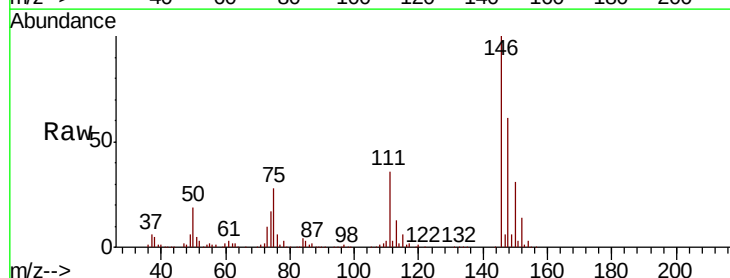
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBSD01

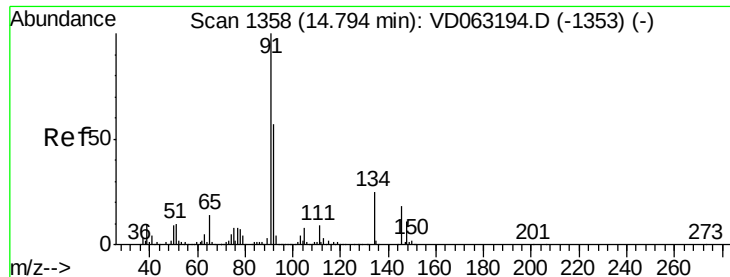
Tgt Ion:146 Resp: 418420
 Ion Ratio Lower Upper
 146 100
 111 38.2 20.4 61.3
 148 64.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.433 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: VD063396.D
 Acq: 6 Aug 2019 13:57

Tgt Ion:146 Resp: 424820
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.1 54.3
 148 60.9 33.4 100.1

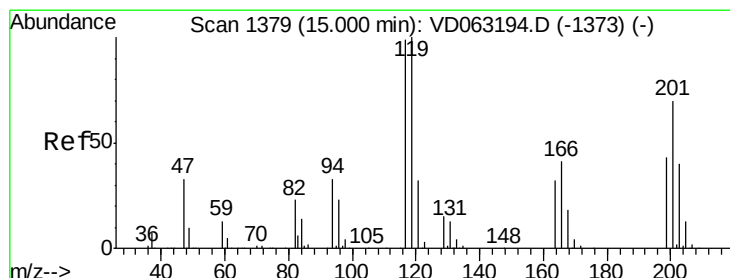
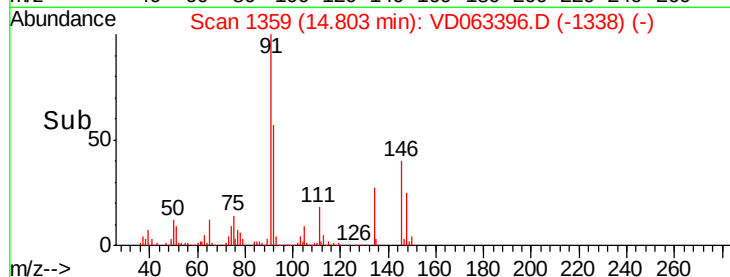
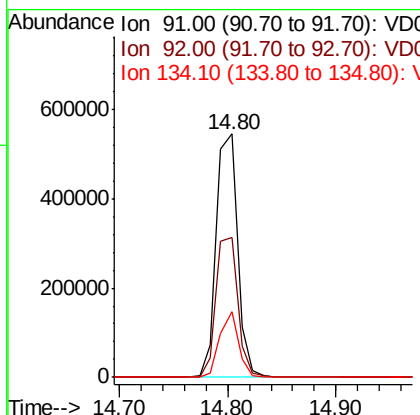
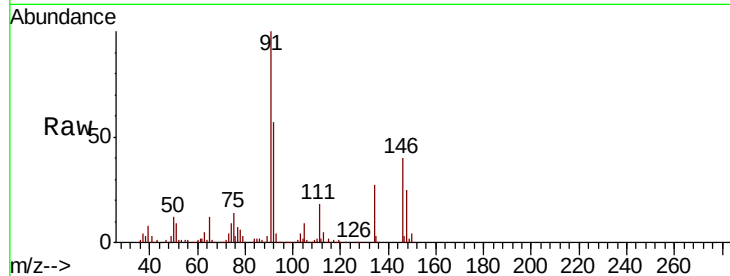




#89
n-Butylbenzene
Concen: 20.480 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. 0.01 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

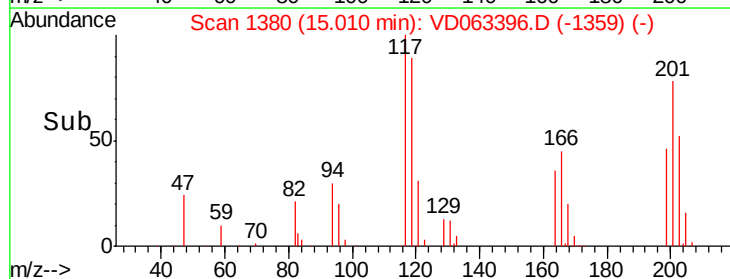
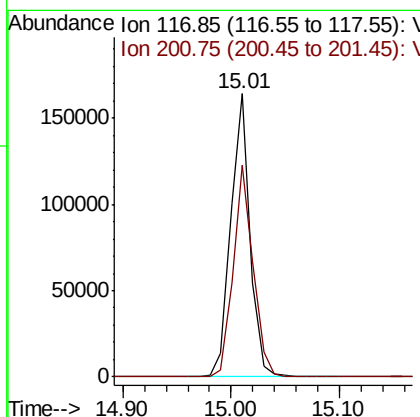
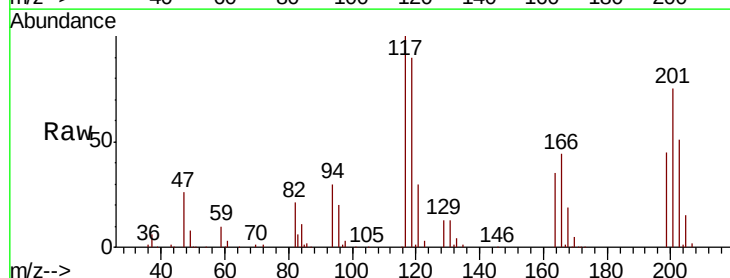
Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

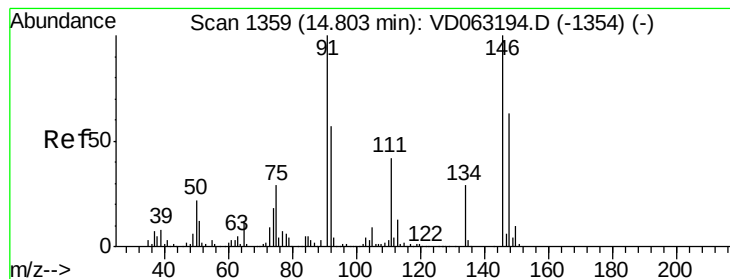
Tgt Ion: 91 Resp: 750621
Ion Ratio Lower Upper
91 100
92 57.4 28.3 85.0
134 27.2 12.3 36.8



#90
Hexachloroethane
Concen: 18.337 ug/l
RT: 15.01 min Scan# 1380
Delta R.T. 0.01 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

Tgt Ion: 117 Resp: 202741
Ion Ratio Lower Upper
117 100
201 74.9 35.2 105.6





#91

1,2-Dichlorobenzene

Concen: 19.834 ug/l

RT: 14.81 min Scan# 1360

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0806SBSD01

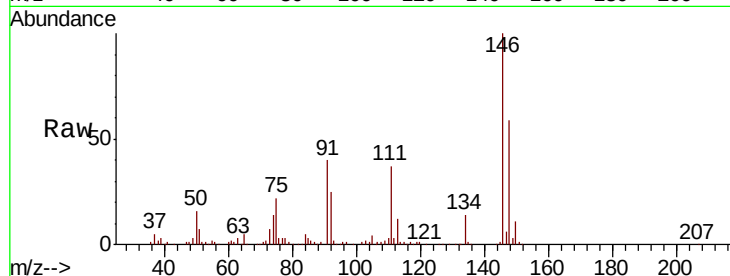
Tgt Ion:146 Resp: 373571

Ion Ratio Lower Upper

146 100

111 36.7 21.1 63.3

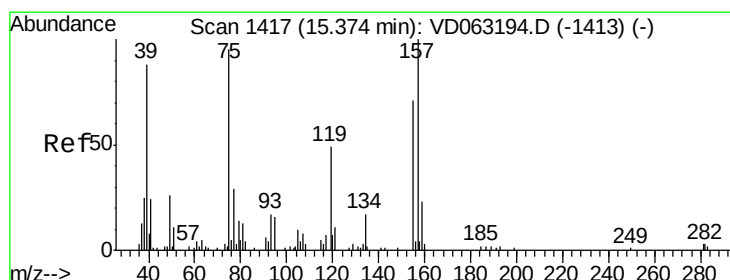
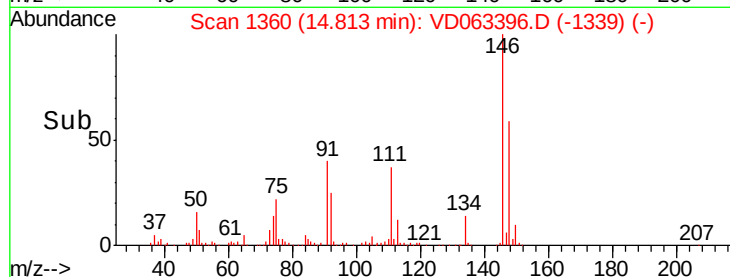
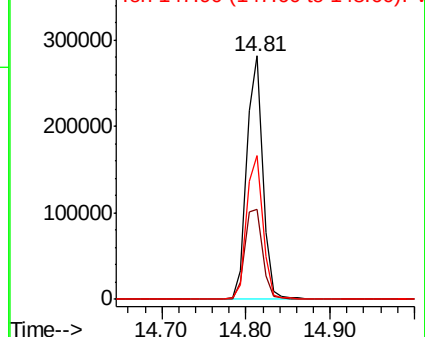
148 59.1 31.6 94.8



Abundance Ion 145.95 (145.65 to 146.65): 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: 16.924 ug/l

RT: 15.38 min Scan# 1418

Delta R.T. 0.01 min

Lab File: VD063396.D

Acq: 6 Aug 2019 13:57

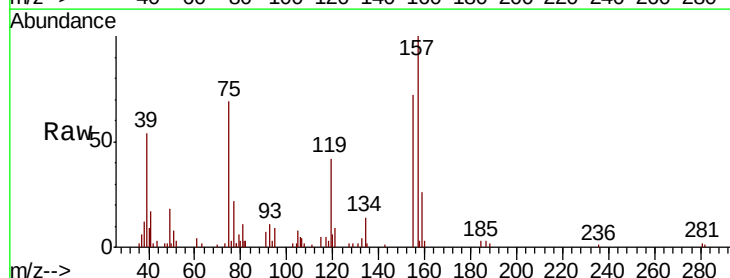
Tgt Ion: 75 Resp: 25093

Ion Ratio Lower Upper

75 100

155 105.1 37.0 111.0

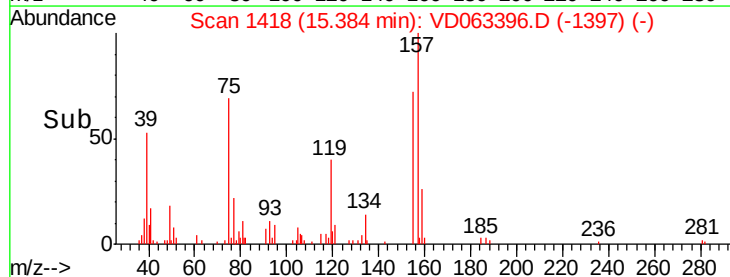
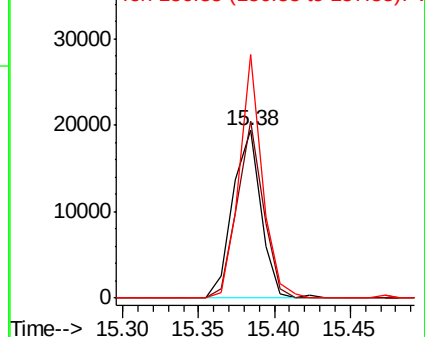
157 145.0 52.4 157.2

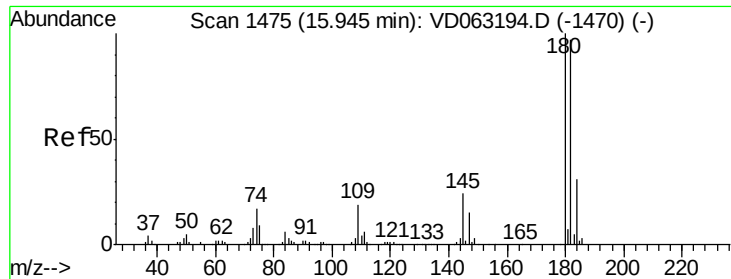


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

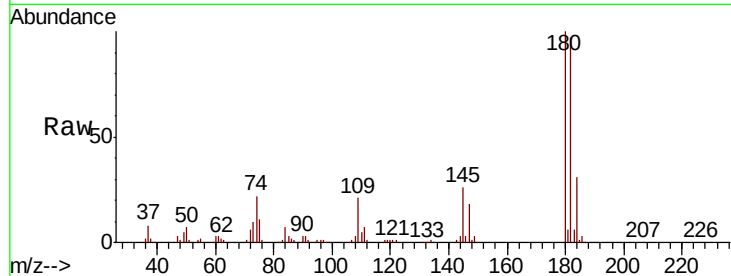




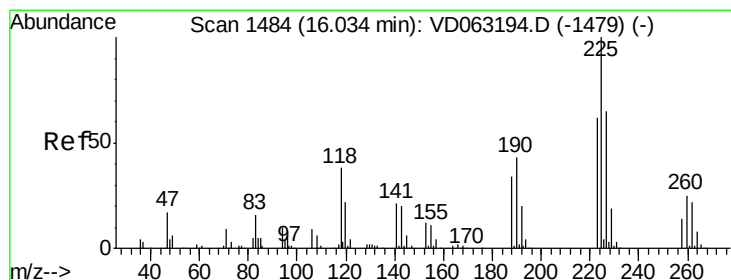
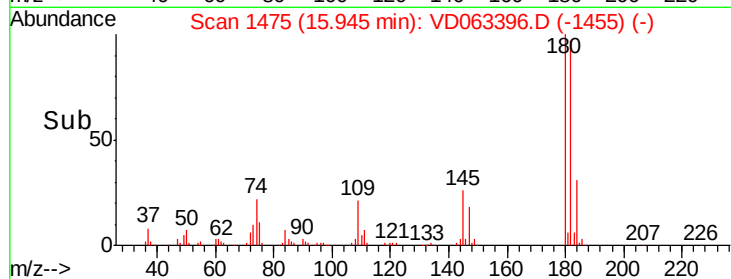
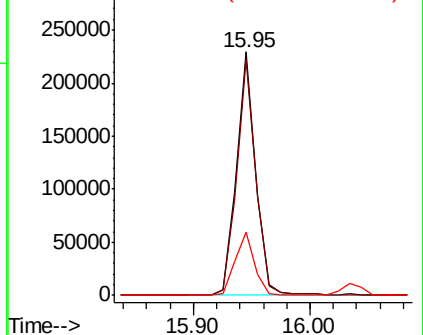
#93
 1,2,4-Trichlorobenzene
 Concen: 17.627 ug/l
 RT: 15.95 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: VD063396.D
 Acq: 6 Aug 2019 13:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBSD01

Tgt Ion:180 Resp: 263379
 Ion Ratio Lower Upper
 180 100
 182 96.8 48.6 145.8
 145 26.0 12.2 36.6

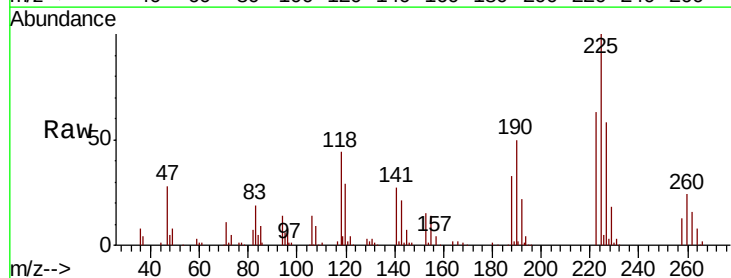


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

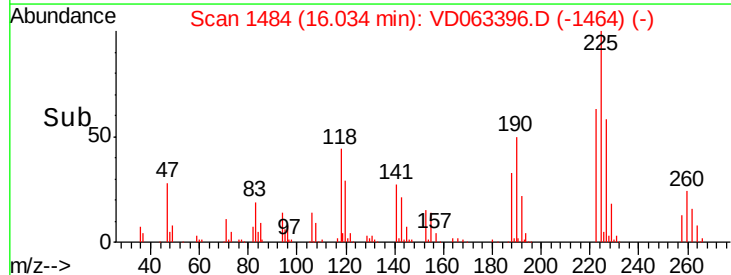
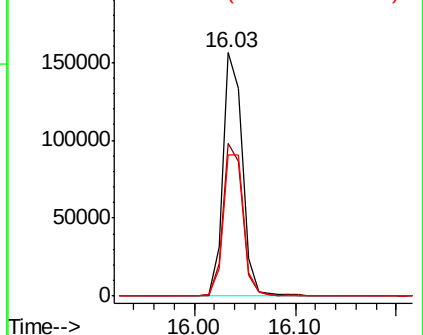


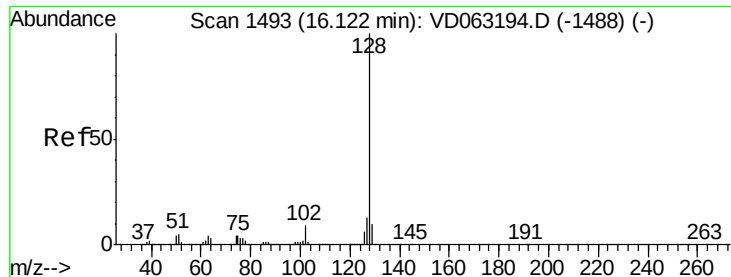
#94
 Hexachlorobutadiene
 Concen: 19.342 ug/l
 RT: 16.03 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: VD063396.D
 Acq: 6 Aug 2019 13:57

Tgt Ion:225 Resp: 209438
 Ion Ratio Lower Upper
 225 100
 223 62.9 30.9 92.5
 227 58.2 32.6 97.7



Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V

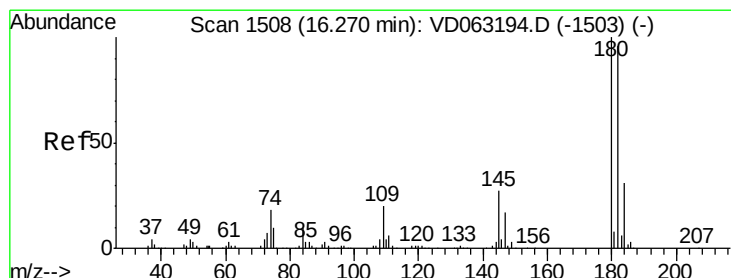
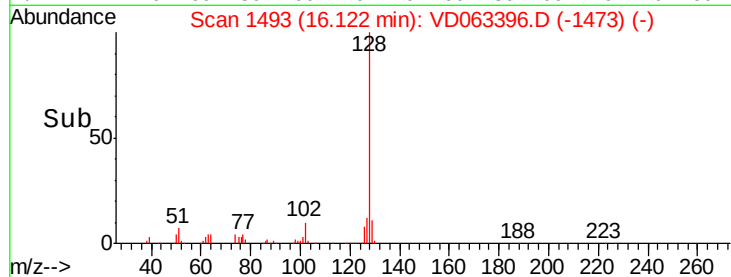
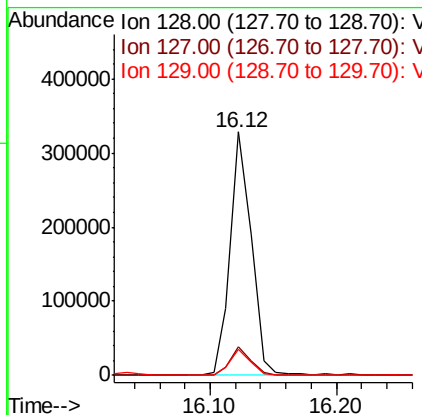
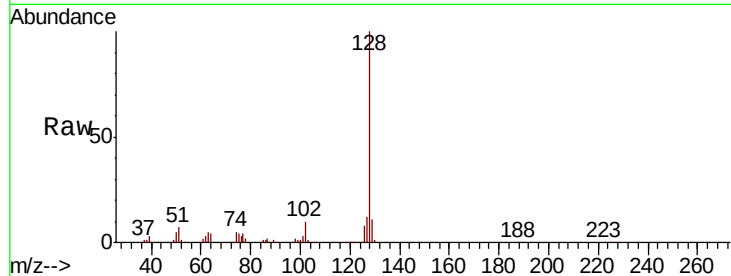




#95
Naphthalene
Concen: 18.041 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

Tgt Ion:128 Resp: 381002
Ion Ratio Lower Upper
128 100
127 11.7 10.2 15.4
129 10.9 7.8 11.8



#96
1,2,3-Trichlorobenzene
Concen: 18.838 ug/l
RT: 16.27 min Scan# 1508
Delta R.T. -0.00 min
Lab File: VD063396.D
Acq: 6 Aug 2019 13:57

Tgt Ion:180 Resp: 222364
Ion Ratio Lower Upper
180 100
182 103.8 48.3 144.9
145 29.3 13.6 40.7

