

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060519\
 Data File : VD062615.D
 Acq On : 5 Jun 2019 16:08
 Operator : FY/SY
 Sample : VSTDIC075
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Quant Time: Jun 06 05:30:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 06 05:23:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	883503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.24	114	1154863	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.39	117	1011307	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.54	152	528338	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.48	65	862156	71.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.28%	
35) Dibromofluoromethane	6.95	113	855331	72.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.74%	
50) Toluene-d8	10.43	98	1881891	74.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.86%	
62) 4-Bromofluorobenzene	13.57	95	851412	71.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	630925	57.733	ug/l	92
3) Chloromethane	1.76	50	510012	59.778	ug/l	98
4) Vinyl Chloride	1.86	62	542052	64.786	ug/l	99
5) Bromomethane	2.16	94	265236	64.541	ug/l	98
6) Chloroethane	2.27	64	278143	65.870	ug/l	94
7) Trichlorofluoromethane	2.54	101	1229979	65.851	ug/l	99
8) Diethyl Ether	2.88	74	161624	66.585	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.16	101	712184	67.819	ug/l	99
10) Methyl Iodide	3.31	142	978013	72.766	ug/l	95
11) Tert butyl alcohol	4.10	59	175790	323.934	ug/l #	87
12) 1,1-Dichloroethene	3.14	96	511268	66.435	ug/l	98
13) Acrolein	3.05	56	65194	339.711	ug/l	93
14) Allyl chloride	3.63	41	780071	66.508	ug/l	94
15) Acrylonitrile	4.21	53	388242	328.182	ug/l	95
16) Acetone	3.24	43	795788	365.400	ug/l	97
17) Carbon Disulfide	3.38	76	1567893	69.910	ug/l	97
18) Methyl Acetate	3.66	43	226717	58.542	ug/l	97
19) Methyl tert-butyl Ether	4.26	73	1293902	69.337	ug/l	95
20) Methylene Chloride	3.83	84	529107	62.418	ug/l	95
21) trans-1,2-Dichloroethene	4.23	96	552310	65.832	ug/l	96
22) Diisopropyl ether	5.14	45	1678269	67.736	ug/l	99
23) Vinyl Acetate	5.08	43	5338994	354.210	ug/l	98
24) 1,1-Dichloroethane	5.00	63	1044886	66.933	ug/l	97
25) 2-Butanone	6.10	43	732680	354.153	ug/l	93
26) 2,2-Dichloropropane	6.04	77	1124928	65.948	ug/l	97
27) cis-1,2-Dichloroethene	6.06	96	586266	64.834	ug/l	89
28) Bromochloromethane	6.46	49	429474	72.719	ug/l	91
29) Tetrahydrofuran	6.48	42	332086	345.787	ug/l	96
30) Chloroform	6.68	83	1334377	68.726	ug/l	98
31) Cyclohexane	6.98	56	696121	69.756	ug/l	98
32) 1,1,1-Trichloroethane	6.89	97	1323264	67.322	ug/l	95
36) 1,1-Dichloropropene	7.16	75	880640	70.924	ug/l	98
37) Ethyl Acetate	6.21	43	355590	70.967	ug/l	99
38) Carbon Tetrachloride	7.13	117	1429309	75.942	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.89	83	764161	71.982	ug/l	95
40) Benzene	7.48	78	1704090	69.488	ug/l	100
41) Methacrylonitrile	6.46	41	471185	72.616	ug/l	98
42) 1,2-Dichloroethane	7.61	62	987833	68.434	ug/l	100
43) Isopropyl Acetate	9.26	43	512283	74.385	ug/l #	95
44) Trichloroethene	8.56	130	709470	71.340	ug/l	92
45) 1,2-Dichloropropane	8.97	63	424650	69.152	ug/l	100
46) Dibromomethane	9.08	93	383025	71.695	ug/l	97
47) Bromodichloromethane	9.40	83	1035286	71.947	ug/l	94
48) Methyl methacrylate	9.14	41	325844	69.571	ug/l	96
49) 1,4-Dioxane	9.10	88	55619	1496.314	ug/l #	89
51) 4-Methyl-2-Pentanone	10.32	43	1627284	362.884	ug/l	98
52) Toluene	10.53	92	1196434	73.555	ug/l	100
53) t-1,3-Dichloropropene	10.93	75	892438	74.694	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	891339	73.259	ug/l	99
55) 1,1,2-Trichloroethane	11.21	97	399144	71.525	ug/l	96
56) Ethyl methacrylate	11.06	69	438626	70.525	ug/l	90
57) 1,3-Dichloropropane	11.44	76	623273	71.536	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.88	63	1033958	324.136	ug/l	97
59) 2-Hexanone	11.55	43	1263970	371.733	ug/l	99
60) Dibromochloromethane	11.71	129	785275	72.015	ug/l	93
61) 1,2-Dibromoethane	11.83	107	501057	73.309	ug/l	96
64) Tetrachloroethene	11.28	164	628347	68.797	ug/l	95
65) Chlorobenzene	12.42	112	1507096	71.718	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.54	131	659714	65.308	ug/l	99
67) Ethyl Benzene	12.55	91	2352236	61.931	ug/l	99
68) m/p-Xylenes	12.70	106	1894404	142.991	ug/l	98
69) o-Xylene	13.07	106	869755	68.135	ug/l	98
70) Styrene	13.09	104	1507973	70.319	ug/l	96
71) Bromoform	13.26	173	484556	69.452	ug/l	99
73) Isopropylbenzene	13.42	105	2519927	68.594	ug/l	98
74) N-amyl acetate	13.29	43	709884	74.836	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.72	83	446254	72.464	ug/l	98
76) 1,2,3-Trichloropropane	13.76	75	505992	73.418	ug/l	96
77) Bromobenzene	13.69	156	711332	69.613	ug/l	94
78) n-propylbenzene	13.80	91	2948025	69.194	ug/l	97
79) 2-Chlorotoluene	13.86	91	1824613	70.640	ug/l	95
80) 1,3,5-Trimethylbenzene	13.96	105	2231791	70.589	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.49	75	135962	76.747	ug/l	95
82) 4-Chlorotoluene	13.97	91	2130496	70.093	ug/l	93
83) tert-Butylbenzene	14.21	119	2432148	69.862	ug/l	94
84) 1,2,4-Trimethylbenzene	14.26	105	2262453	69.912	ug/l	96
85) sec-Butylbenzene	14.39	105	2611121	72.791	ug/l	98
86) p-Isopropyltoluene	14.51	119	2304094	66.810	ug/l	96
87) 1,3-Dichlorobenzene	14.48	146	1203848	70.195	ug/l	95
88) 1,4-Dichlorobenzene	14.56	146	1222039	70.358	ug/l	98
89) n-Butylbenzene	14.82	91	2138524	66.689	ug/l	97
90) Hexachloroethane	15.03	117	664617	73.222	ug/l	92
91) 1,2-Dichlorobenzene	14.83	146	1035171	65.369	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.40	75	89221	70.825	ug/l	82

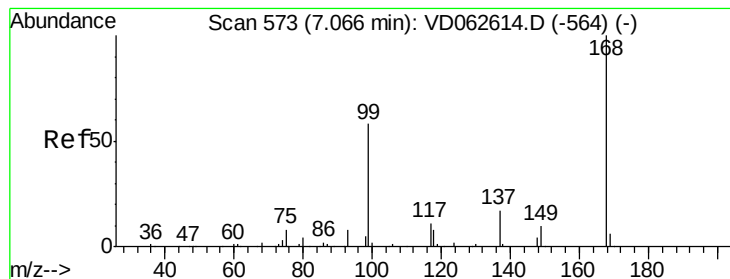
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.96	180	818753	71.957	ug/l	98
94) Hexachlorobutadiene	16.06	225	644944	75.567	ug/l	98
95) Naphthalene	16.14	128	1167190	71.635	ug/l	99
96) 1,2,3-Trichlorobenzene	16.29	180	617914	71.019	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. -0.00 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

Instrument :

MSVOA_D

ClientSampleId :

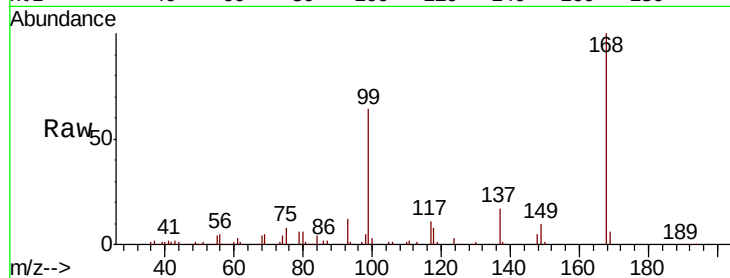
VSTDIC075

Tot Ion:168 Resp: 883503

Ion Ratio Lower Upper

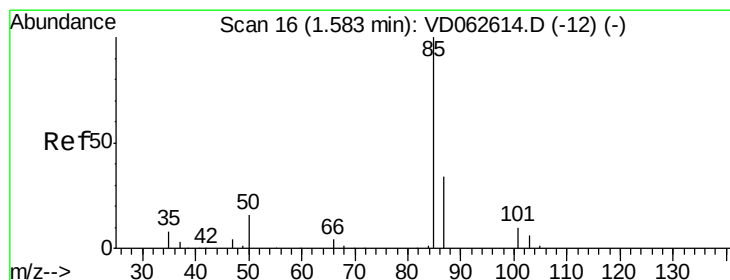
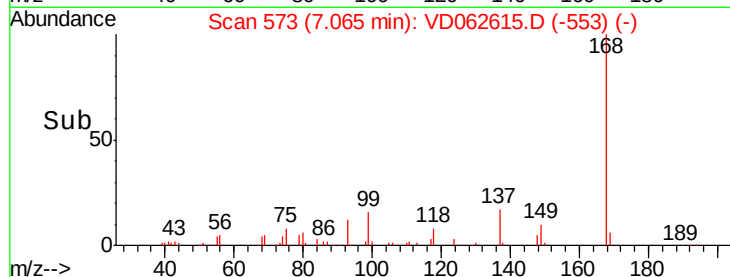
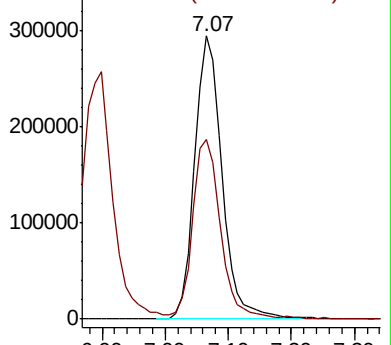
168 100

99 63.6 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 57.733 ug/l

RT: 1.58 min Scan# 16

Delta R.T. -0.00 min

Lab File: VD062615.D

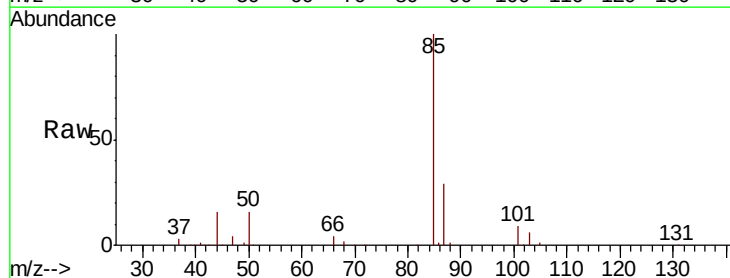
Acq: 5 Jun 2019 16:08

Tgt Ion: 85 Resp: 630925

Ion Ratio Lower Upper

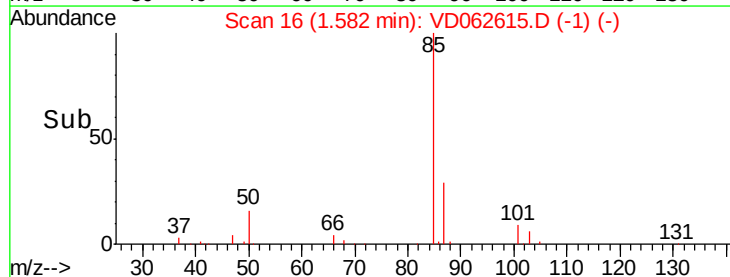
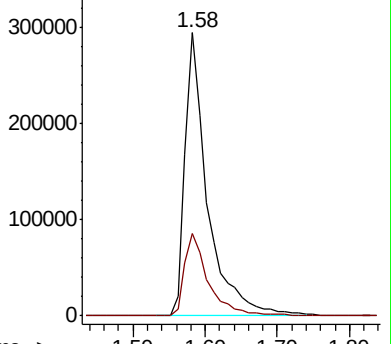
85 100

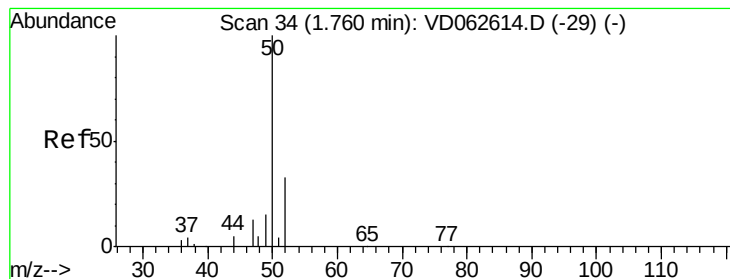
87 29.3 16.9 50.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 59.778 ug/l

RT: 1.76 min Scan# 34

Delta R.T. -0.00 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

Instrument :

MSVOA_D

ClientSampleId :

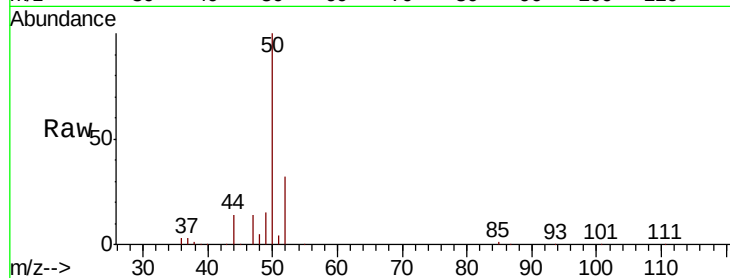
VSTDIC075

Tot Ion: 50 Resp: 510012

Ion Ratio Lower Upper

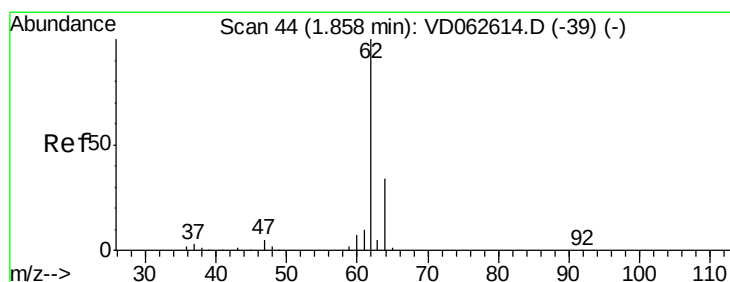
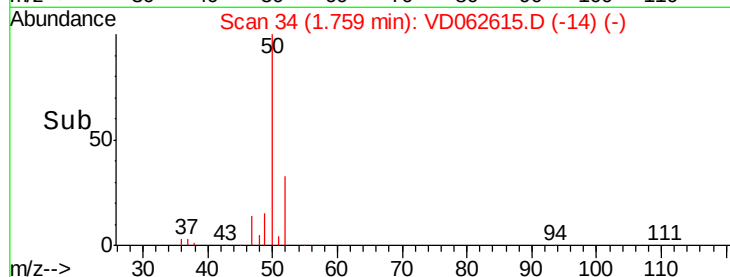
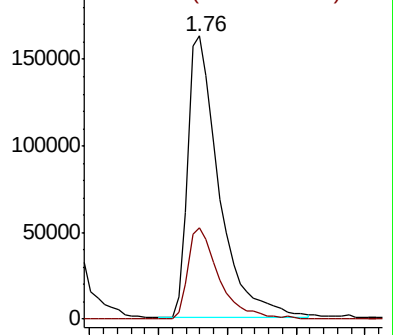
50 100

52 32.2 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 64.786 ug/l

RT: 1.86 min Scan# 44

Delta R.T. -0.00 min

Lab File: VD062615.D

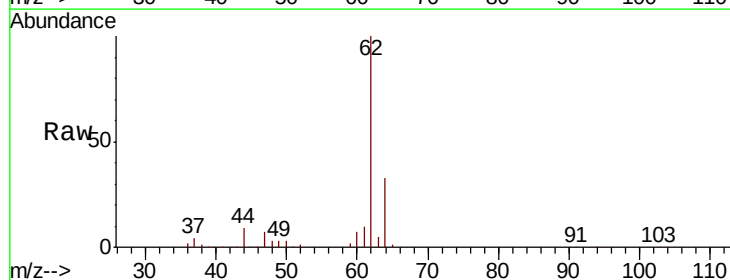
Acq: 5 Jun 2019 16:08

Tgt Ion: 62 Resp: 542052

Ion Ratio Lower Upper

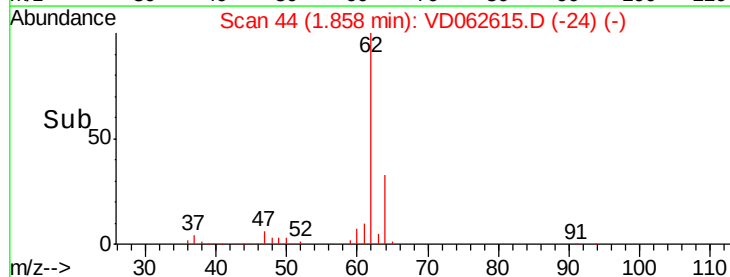
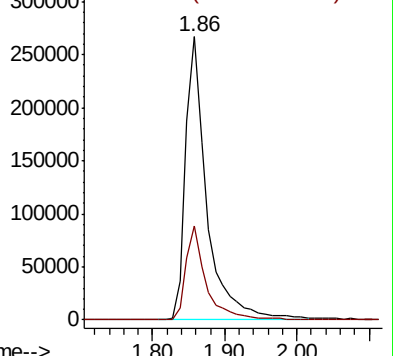
62 100

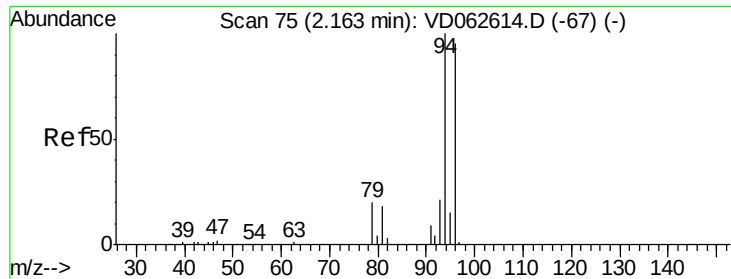
64 33.3 27.2 40.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 64.541 ug/l

RT: 2.16 min Scan# 75

Delta R.T. -0.00 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC075

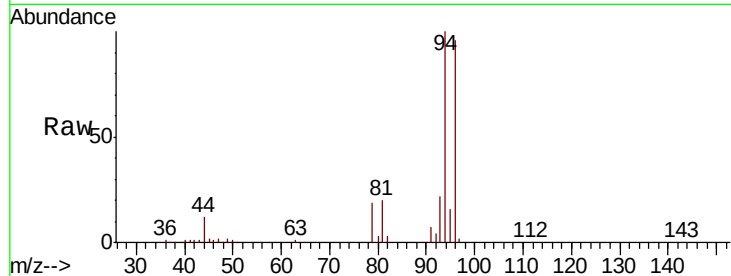
Tot Ion: 94 Resp: 265236

Ion Ratio Lower Upper

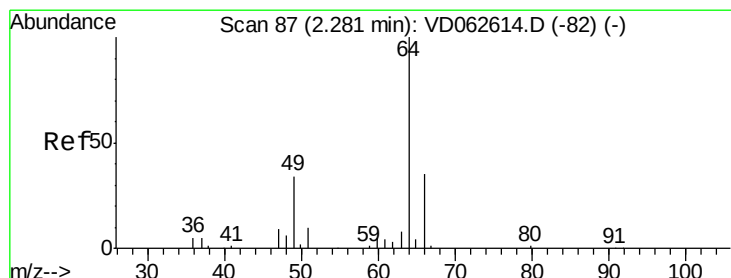
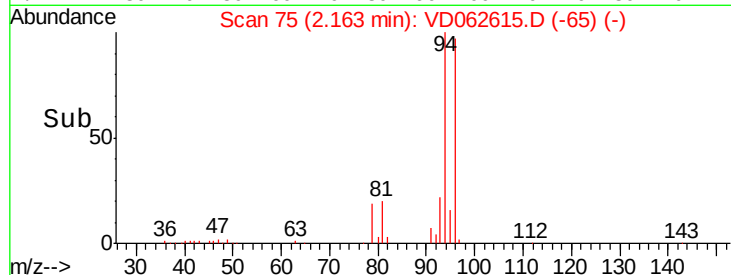
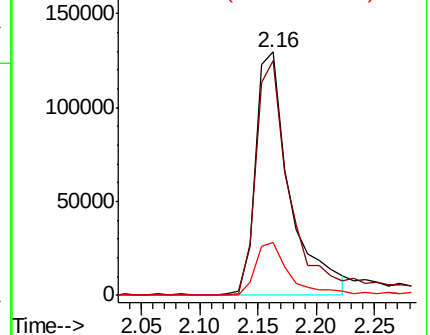
94 100

96 96.2 75.8 113.8

93 21.8 16.6 25.0



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: 65.870 ug/l

RT: 2.27 min Scan# 86

Delta R.T. -0.01 min

Lab File: VD062615.D

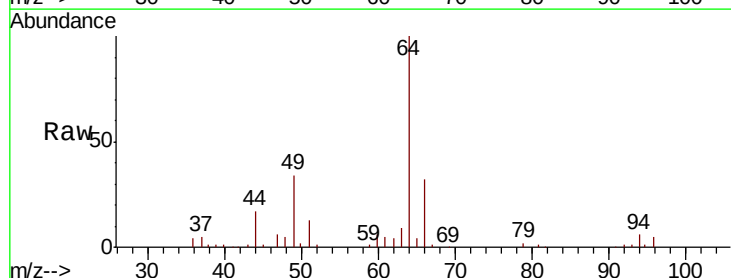
Acq: 5 Jun 2019 16:08

Tgt Ion: 64 Resp: 278143

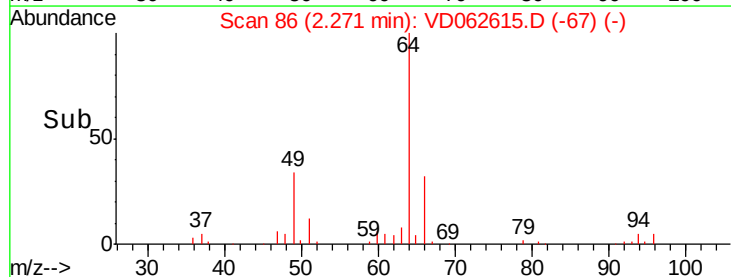
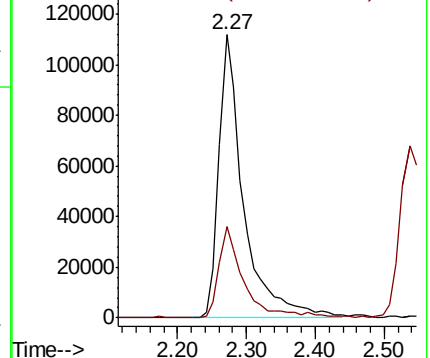
Ion Ratio Lower Upper

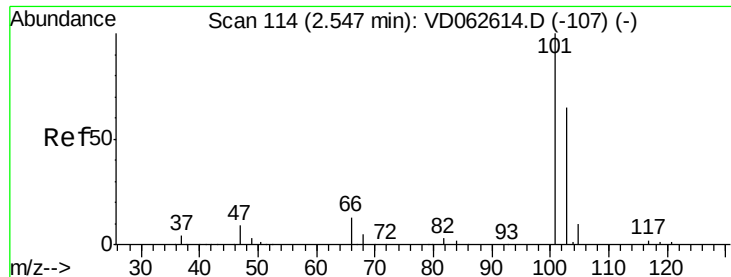
64 100

66 32.1 28.4 42.6



Abundance Ion 63.95 (63.65 to 64.65): VDC
Ion 65.90 (65.60 to 66.60): VDC



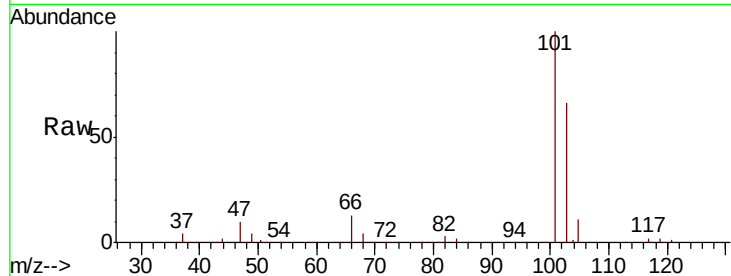


#7

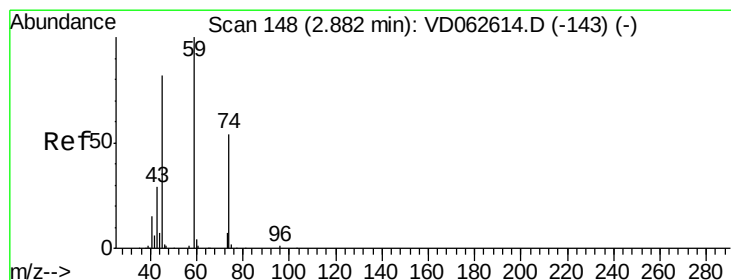
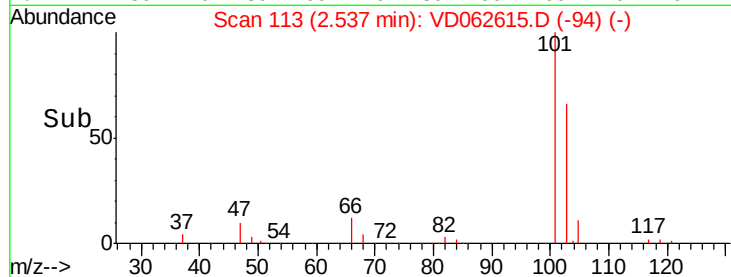
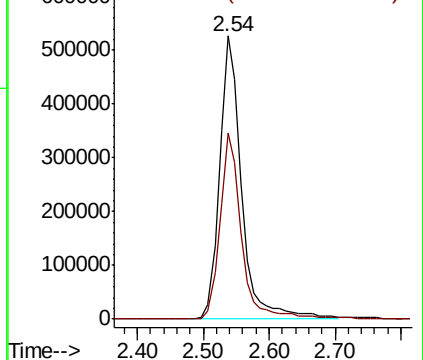
Trichlorofluoromethane
Concen: 65.851 ug/l
RT: 2.54 min Scan# 113
Delta R.T. -0.01 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC075

Tot Ion:101 Resp: 1229979
Ion Ratio Lower Upper
101 100
103 65.9 52.1 78.1



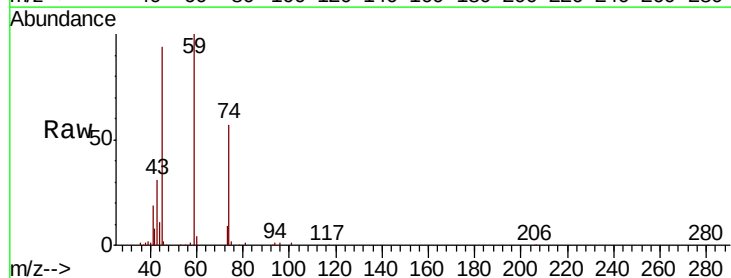
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



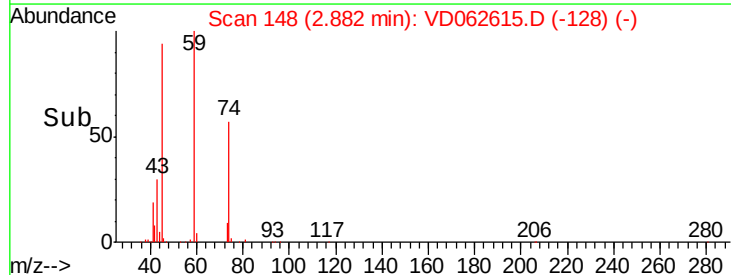
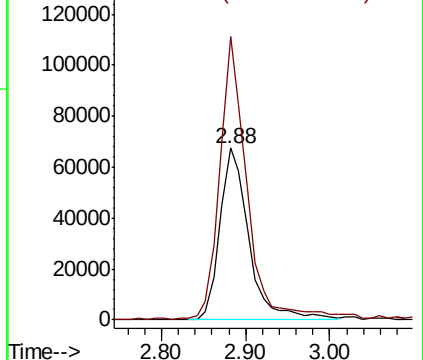
#8

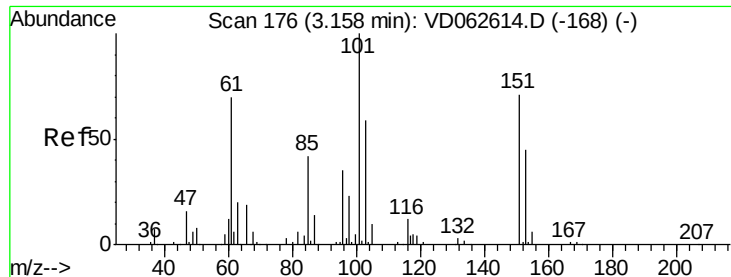
Diethyl Ether
Concen: 66.585 ug/l
RT: 2.88 min Scan# 148
Delta R.T. -0.00 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

Tgt Ion: 74 Resp: 161624
Ion Ratio Lower Upper
74 100
45 165.1 75.6 226.8



Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 67.819 ug/l

RT: 3.16 min Scan# 176

Delta R.T. -0.00 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC075

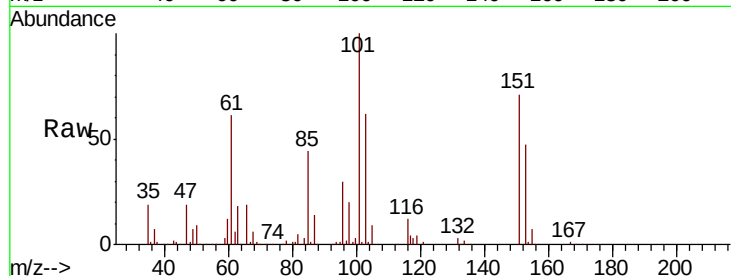
Tot Ion:101 Resp: 712184

Ion Ratio Lower Upper

101 100

85 43.9 33.8 50.6

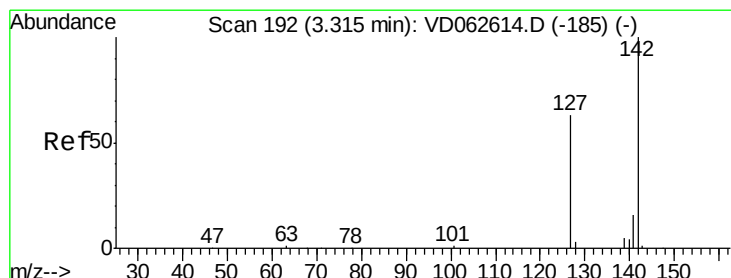
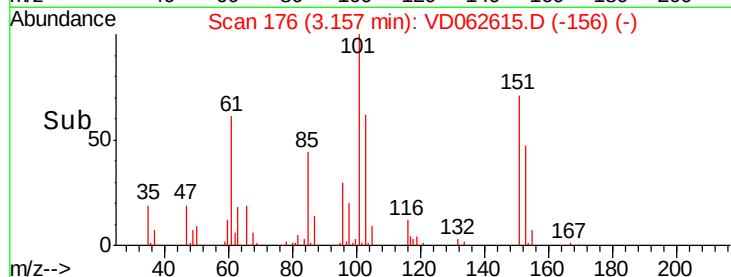
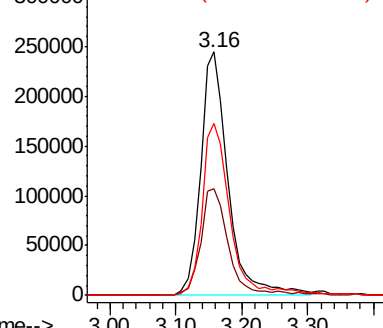
151 70.5 56.8 85.2



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: 72.766 ug/l

RT: 3.31 min Scan# 192

Delta R.T. -0.00 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

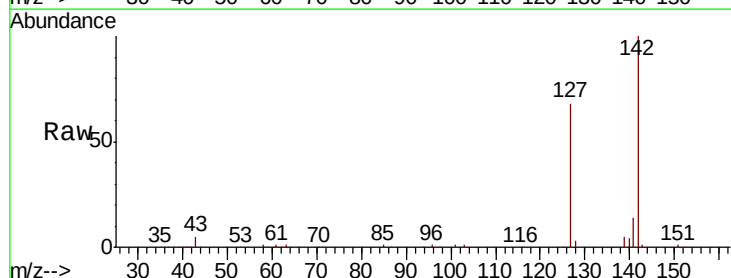
Tgt Ion:142 Resp: 978013

Ion Ratio Lower Upper

142 100

127 67.9 50.7 76.1

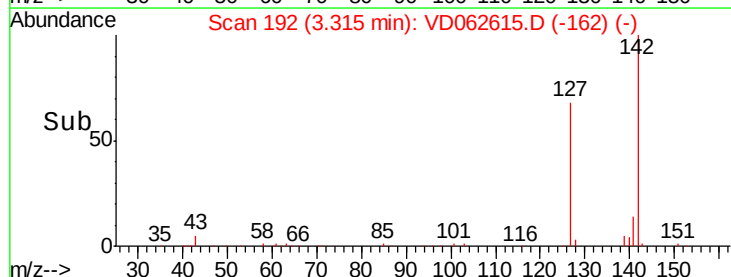
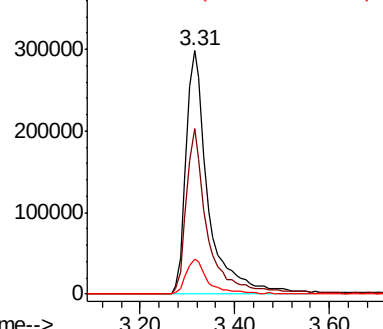
141 14.3 12.9 19.3

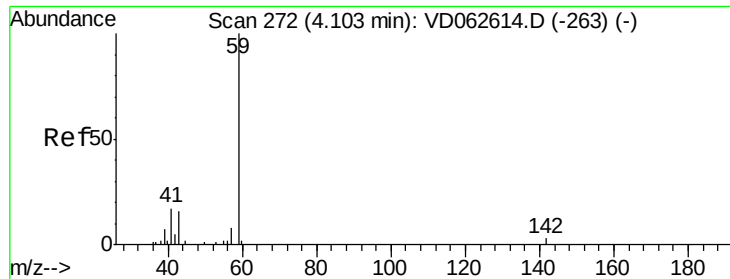


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



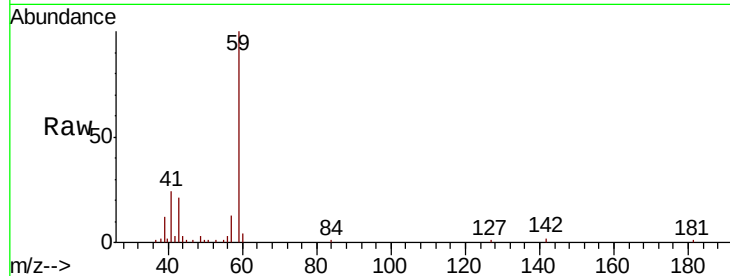


#11

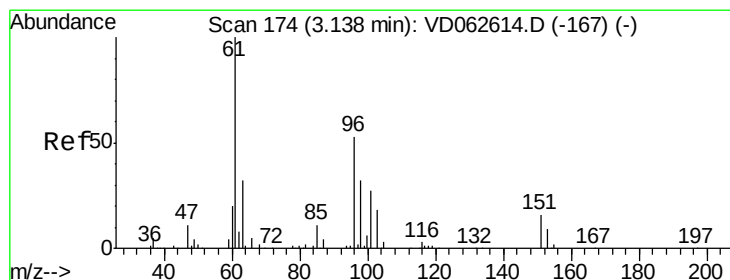
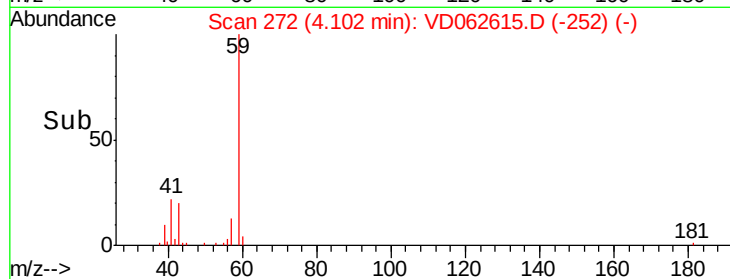
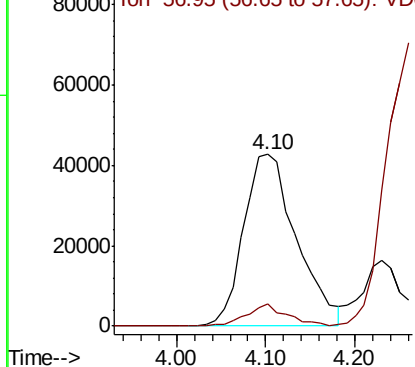
Tert butyl alcohol
 Concen: 323.934 ug/l
 RT: 4.10 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Tot Ion: 59 Resp: 175790
 Ion Ratio Lower Upper
 59 100
 57 12.7 6.4 9.6#



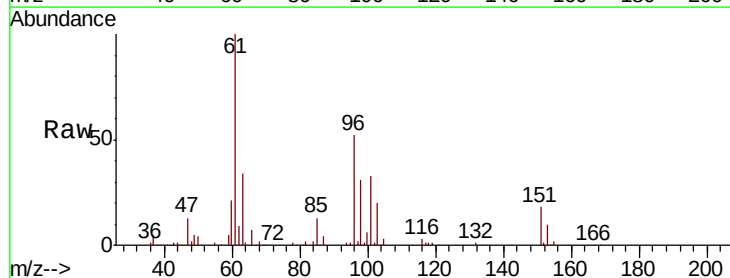
Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC



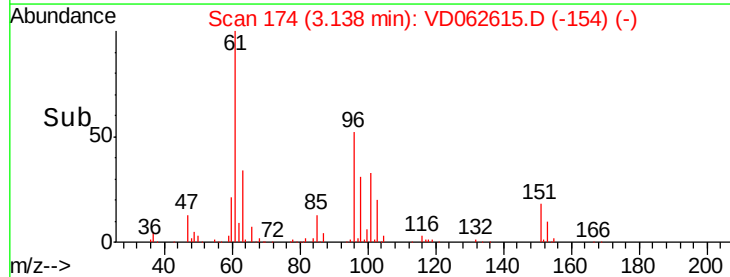
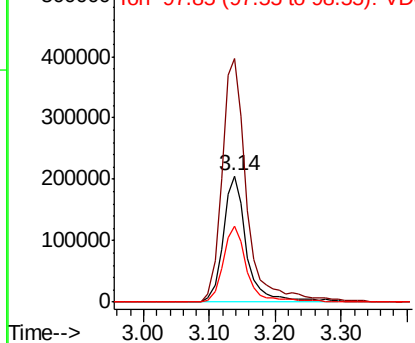
#12

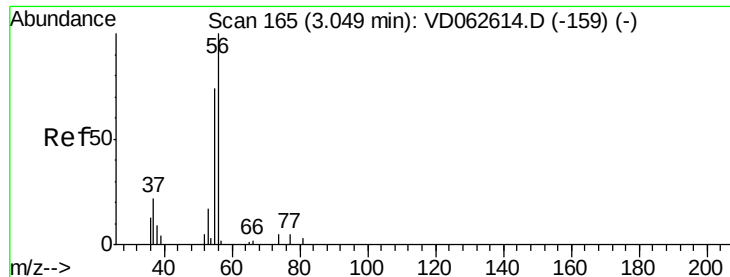
1,1-Dichloroethene
 Concen: 66.435 ug/l
 RT: 3.14 min Scan# 174
 Delta R.T. -0.00 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

Tgt Ion: 96 Resp: 511268
 Ion Ratio Lower Upper
 96 100
 61 193.1 151.3 226.9
 98 60.6 48.6 72.8



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





#13

Acrolein

Concen: 339.711 ug/l

RT: 3.05 min Scan# 165

Delta R.T. -0.00 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

Instrument :

MSVOA_D

ClientSampleId :

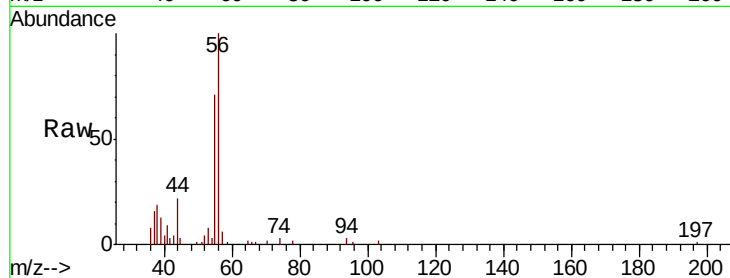
VSTDIC075

Tot Ion: 56 Resp: 65194

Ion Ratio Lower Upper

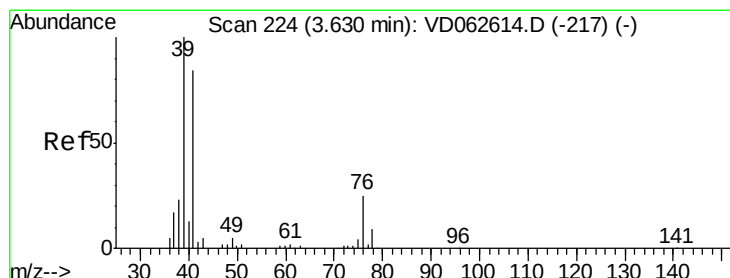
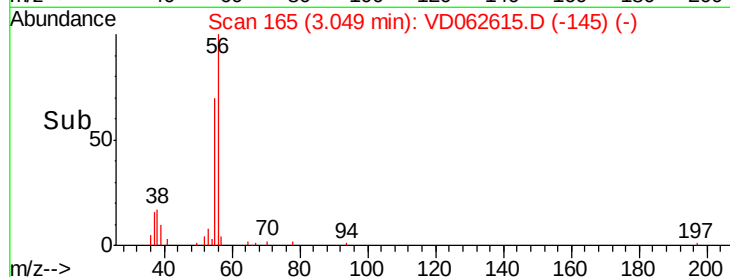
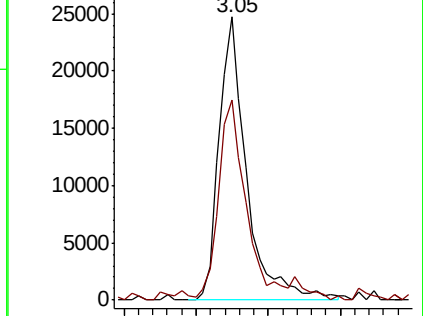
56 100

55 70.5 61.4 92.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 66.508 ug/l

RT: 3.63 min Scan# 224

Delta R.T. -0.00 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

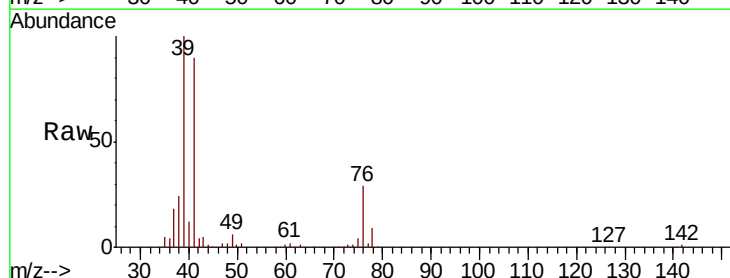
Tgt Ion: 41 Resp: 780071

Ion Ratio Lower Upper

41 100

39 111.1 95.5 143.3

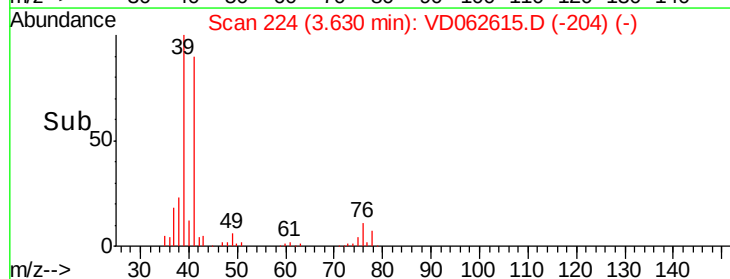
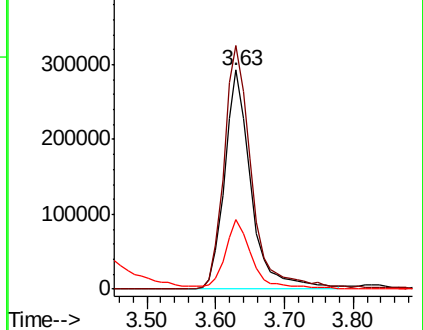
76 31.8 25.4 38.0

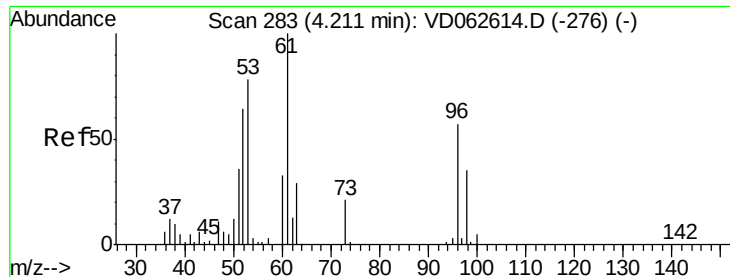


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

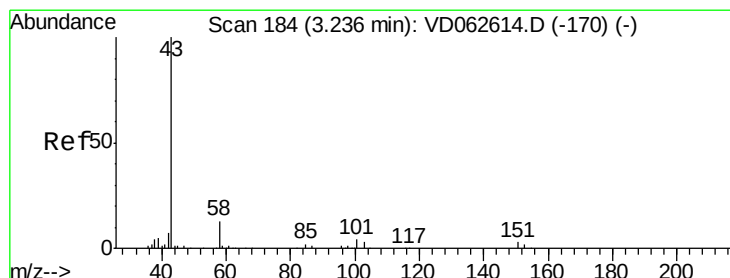
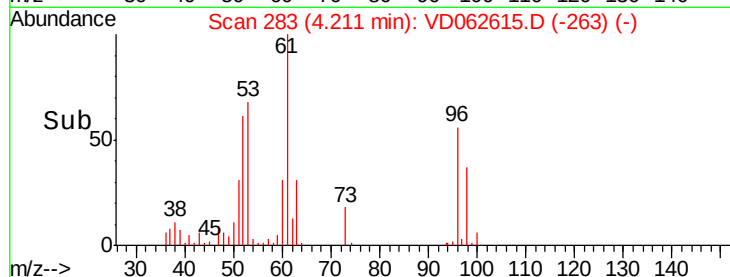
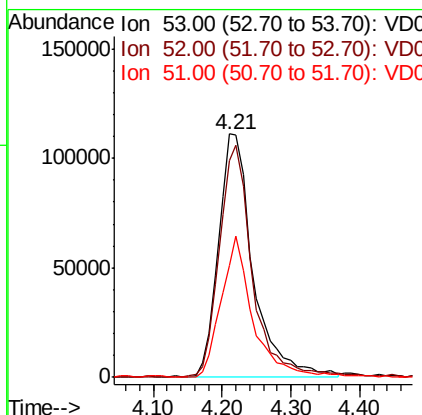
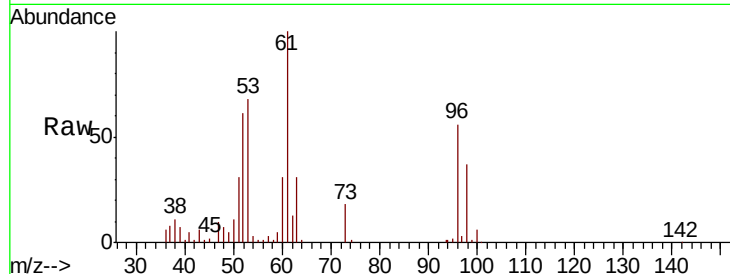




#15
 Acrylonitrile
 Concen: 328.182 ug/l
 RT: 4.21 min Scan# 283
 Delta R.T. -0.00 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

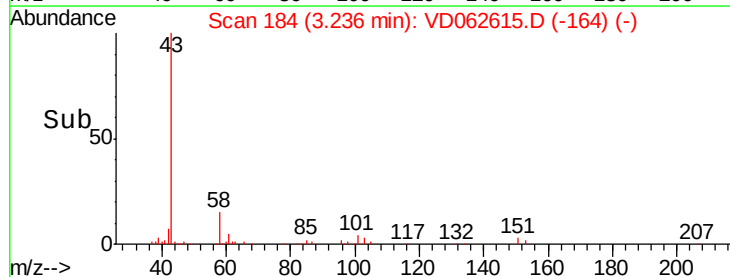
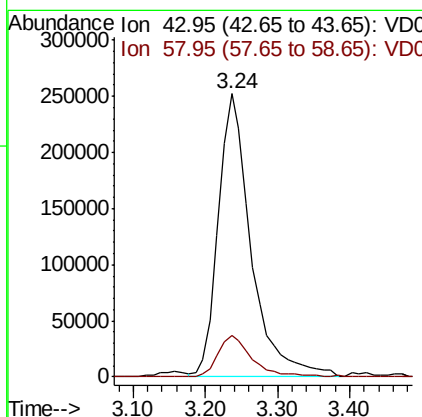
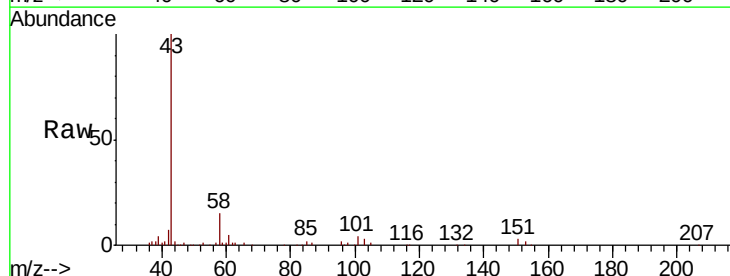
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

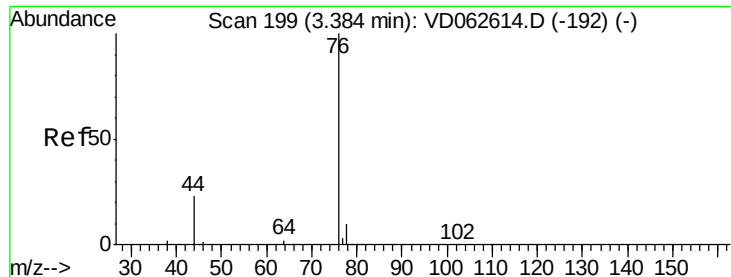
Tot Ion: 53 Resp: 388242
 Ion Ratio Lower Upper
 53 100
 52 89.3 65.8 98.6
 51 46.1 36.9 55.3



#16
 Acetone
 Concen: 365.400 ug/l
 RT: 3.24 min Scan# 184
 Delta R.T. -0.00 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

Tgt Ion: 43 Resp: 795788
 Ion Ratio Lower Upper
 43 100
 58 14.8 10.7 16.1

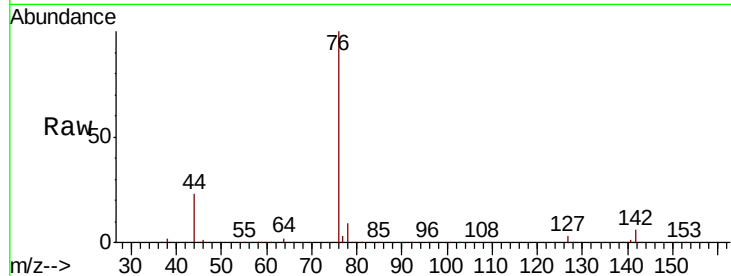




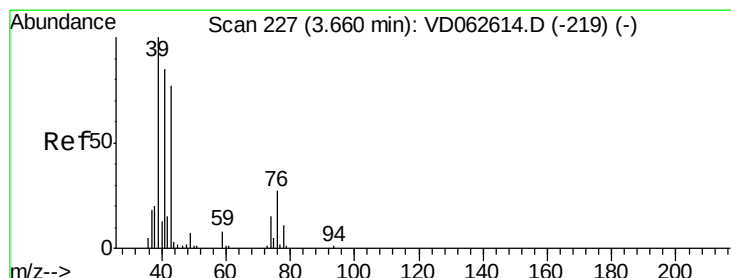
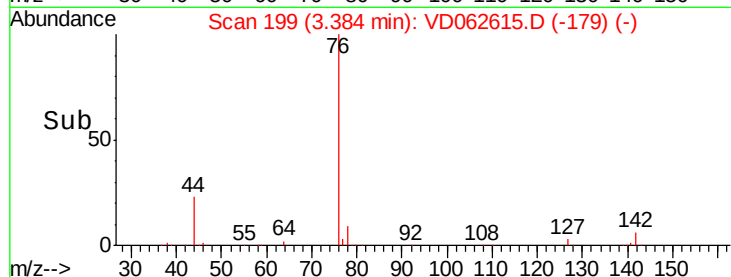
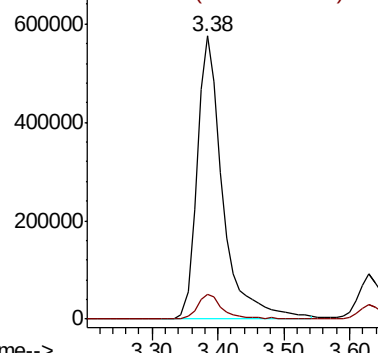
#17
Carbon Disulfide
Concen: 69.910 ug/l
RT: 3.38 min Scan# 199
Delta R.T. -0.00 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC075

Tot Ion: 76 Resp: 1567893
Ion Ratio Lower Upper
76 100
78 8.8 8.1 12.1

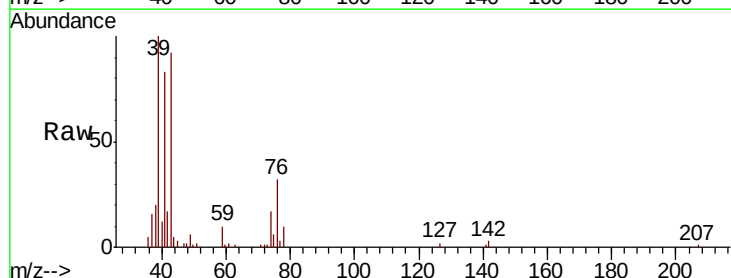


Abundance Ion 75.85 (75.55 to 76.55): VDC
Ion 77.85 (77.55 to 78.55): VDC

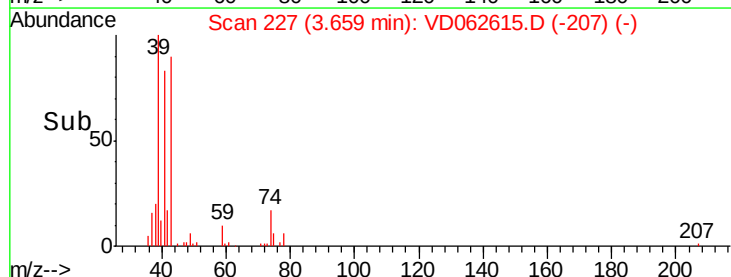
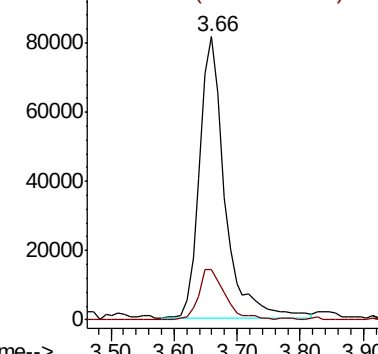


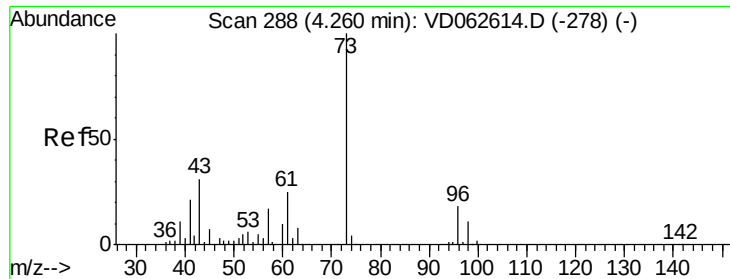
#18
Methyl Acetate
Concen: 58.542 ug/l
RT: 3.66 min Scan# 227
Delta R.T. -0.00 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

Tgt Ion: 43 Resp: 226717
Ion Ratio Lower Upper
43 100
74 18.0 15.5 23.3



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

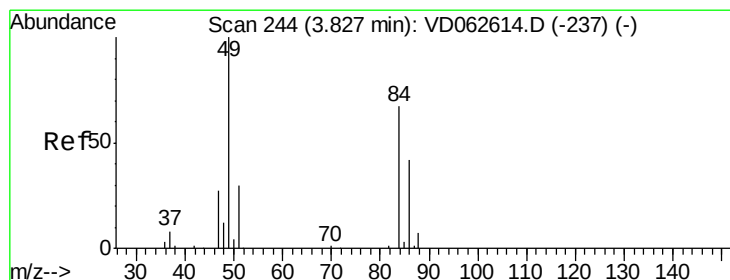
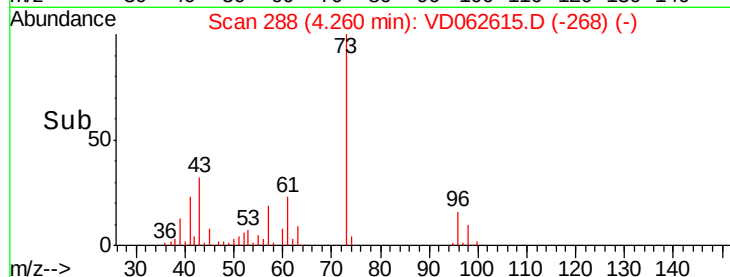
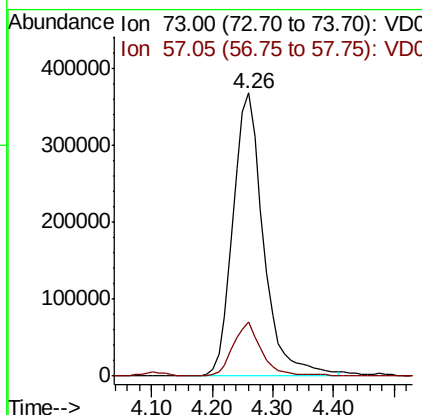
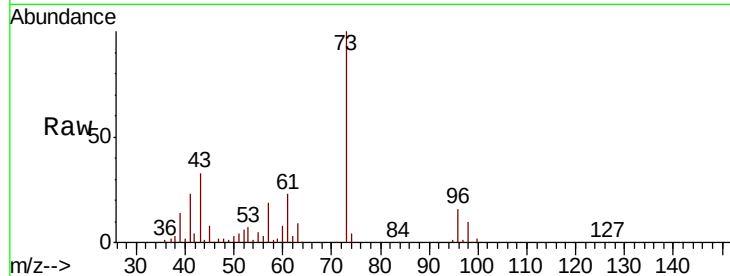




#19
Methyl tert-butyl Ether
Concen: 69.337 ug/l
RT: 4.26 min Scan# 288
Delta R.T. -0.00 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

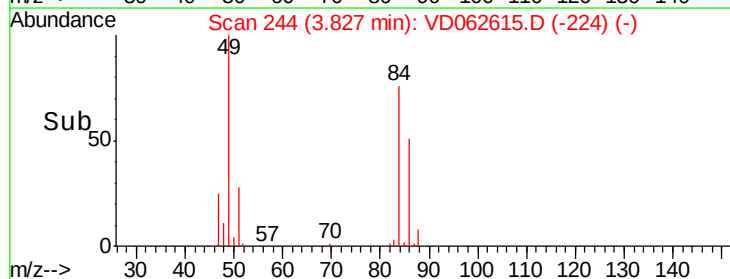
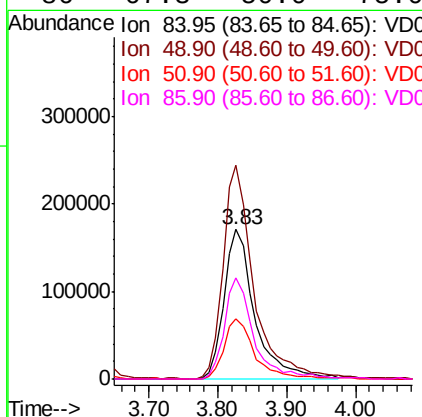
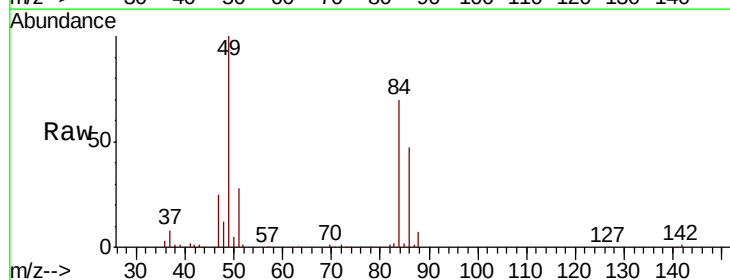
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC075

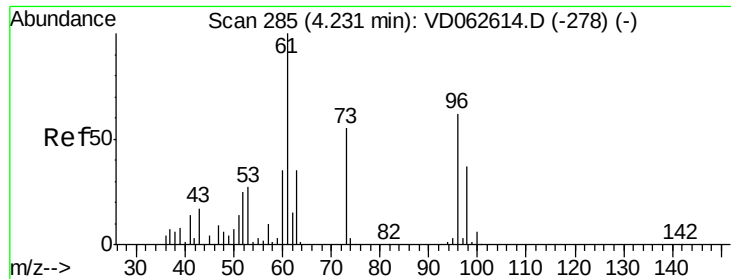
Tot Ion: 73 Resp: 1293902
Ion Ratio Lower Upper
73 100
57 19.1 13.5 20.3



#20
Methylene Chloride
Concen: 62.418 ug/l
RT: 3.83 min Scan# 244
Delta R.T. -0.00 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

Tgt Ion: 84 Resp: 529107
Ion Ratio Lower Upper
84 100
49 143.0 119.0 178.6
51 40.4 35.4 53.2
86 67.3 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 65.832 ug/l

RT: 4.23 min Scan# 285

Delta R.T. -0.00 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC075

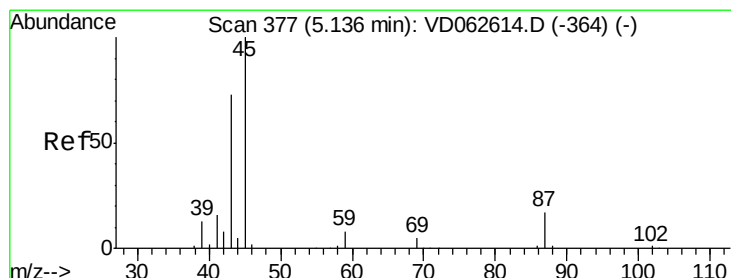
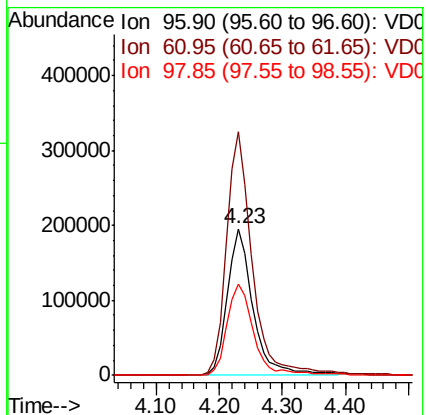
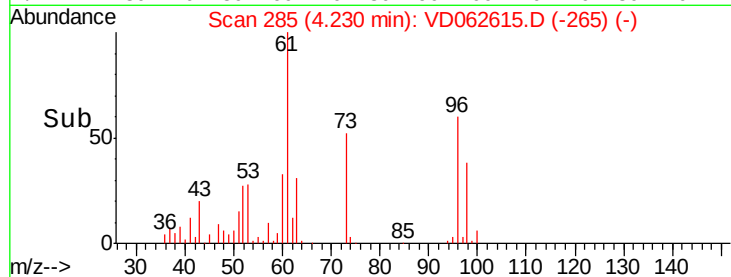
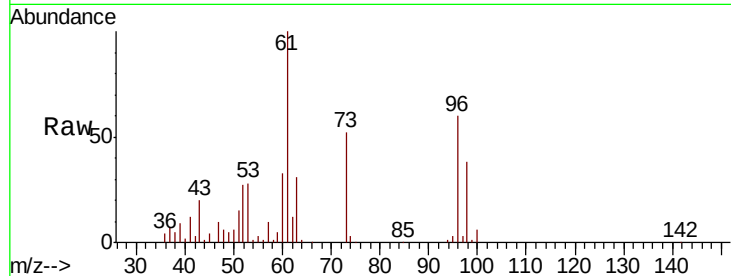
Tot Ion: 96 Resp: 552310

Ion Ratio Lower Upper

96 100

61 165.9 128.2 192.4

98 62.5 47.5 71.3



#22

Diisopropyl ether

Concen: 67.736 ug/l

RT: 5.14 min Scan# 377

Delta R.T. -0.00 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

Tgt Ion: 45 Resp: 1678269

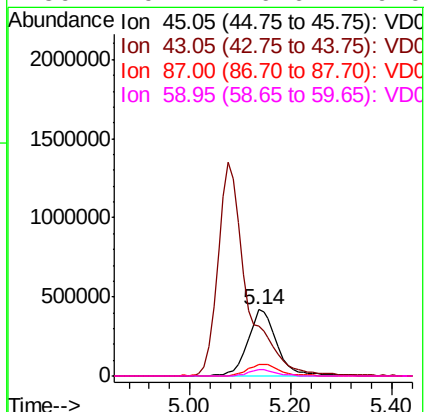
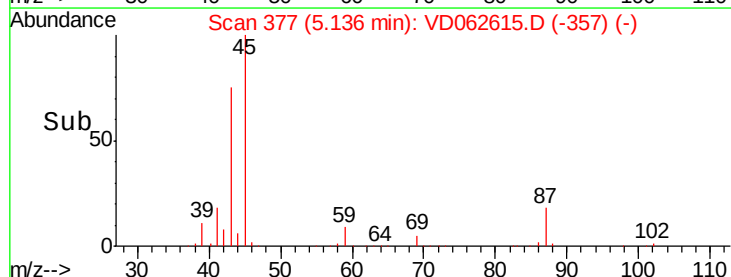
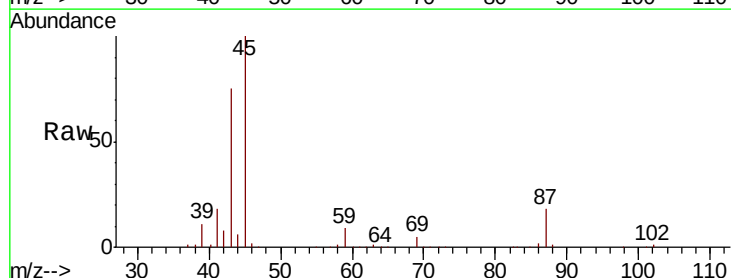
Ion Ratio Lower Upper

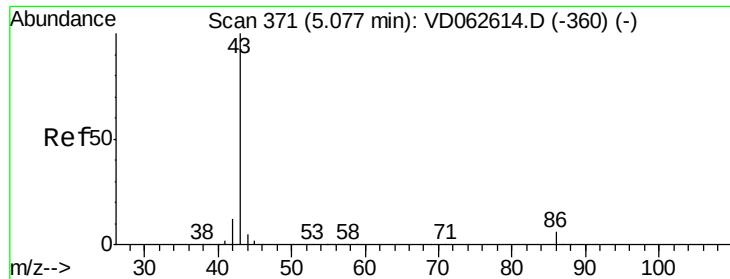
45 100

43 75.3 59.3 88.9

87 18.1 14.6 22.0

59 9.1 6.6 10.0

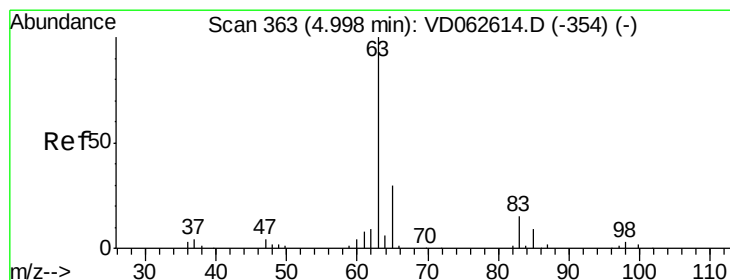
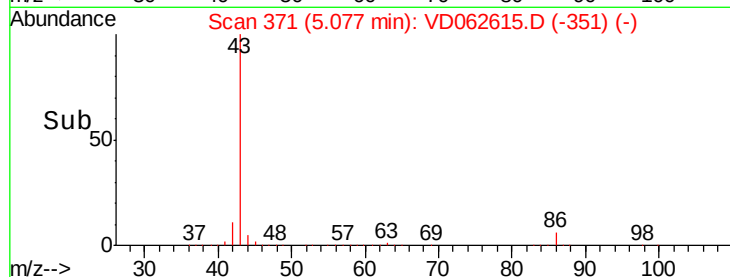
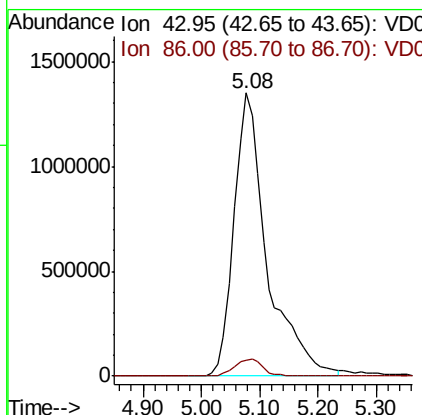
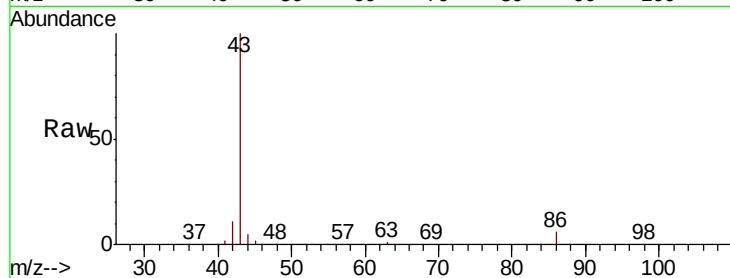




#23
 Vinyl Acetate
 Concen: 354.210 ug/l
 RT: 5.08 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

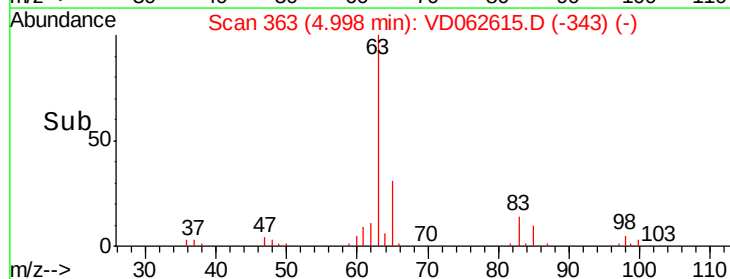
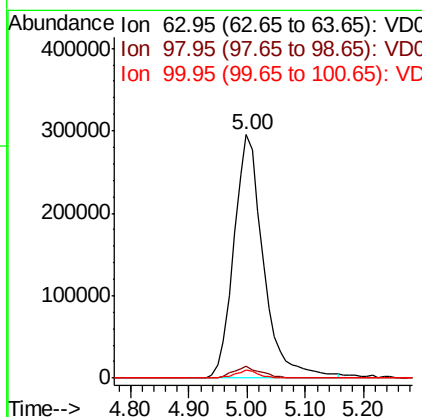
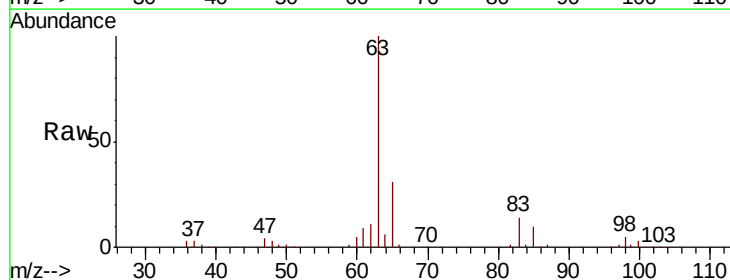
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

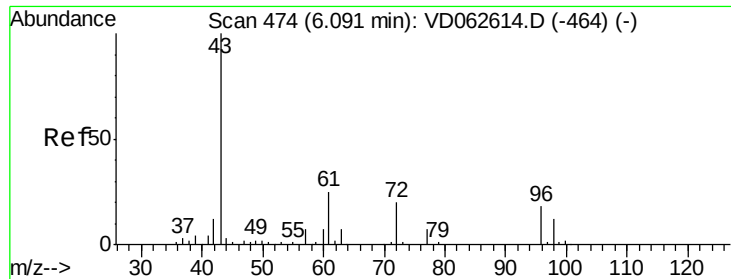
Tot Ion: 43 Resp: 5338994
 Ion Ratio Lower Upper
 43 100
 86 5.8 5.2 7.8



#24
 1,1-Dichloroethane
 Concen: 66.933 ug/l
 RT: 5.00 min Scan# 363
 Delta R.T. -0.00 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

Tgt Ion: 63 Resp: 1044886
 Ion Ratio Lower Upper
 63 100
 98 4.8 1.7 5.1
 100 3.1 1.1 3.5





#25

2-Butanone

Concen: 354.153 ug/l

RT: 6.10 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

Instrument :

MSVOA_D

ClientSampleId :

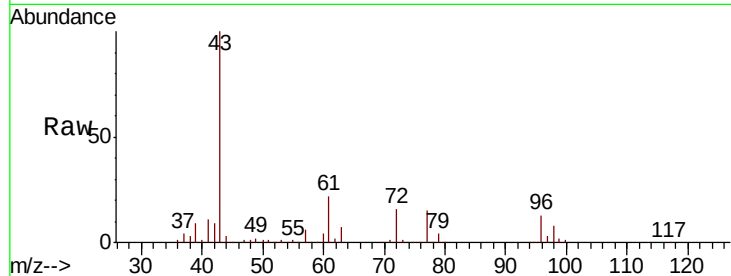
VSTDIC075

Tot Ion: 43 Resp: 732680

Ion Ratio Lower Upper

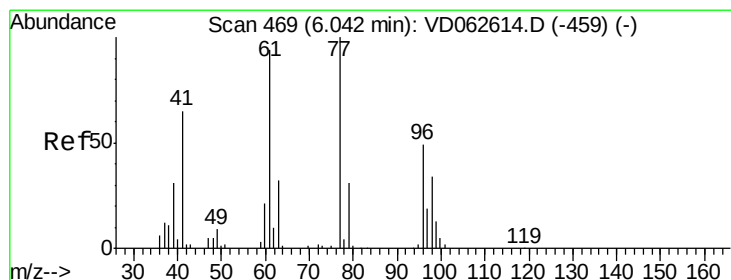
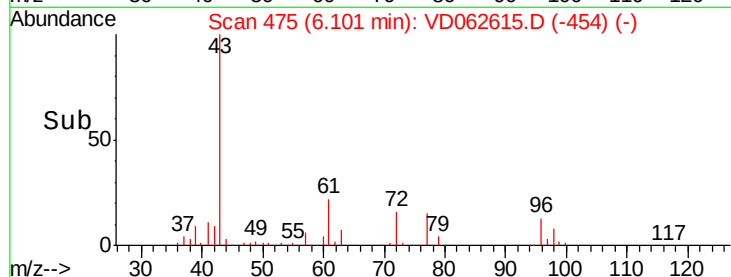
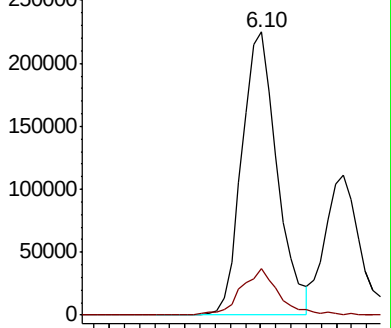
43 100

72 16.3 15.7 23.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 65.948 ug/l

RT: 6.04 min Scan# 469

Delta R.T. -0.00 min

Lab File: VD062615.D

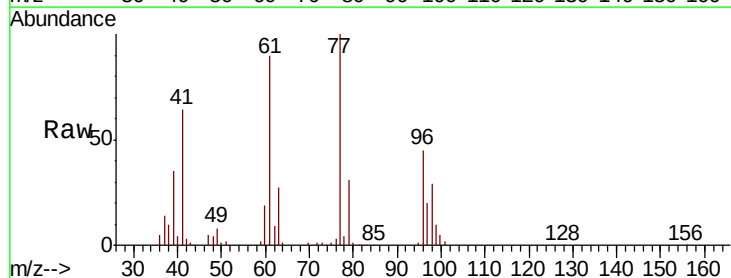
Acq: 5 Jun 2019 16:08

Tgt Ion: 77 Resp: 1124928

Ion Ratio Lower Upper

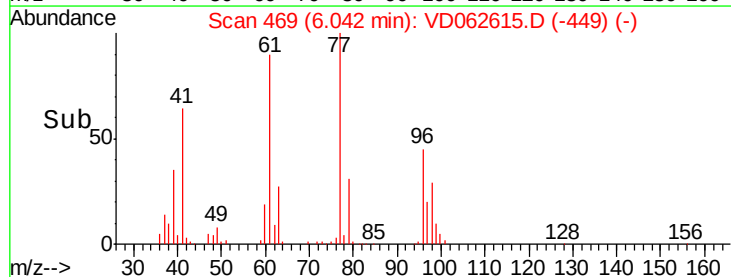
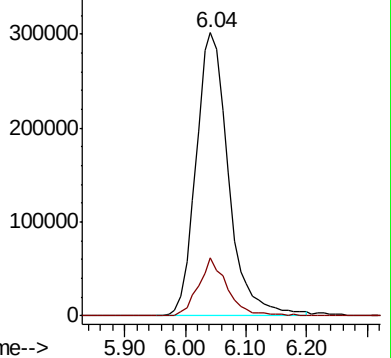
77 100

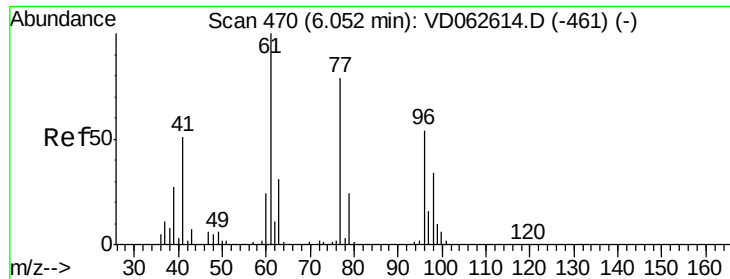
97 20.4 9.6 28.8



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



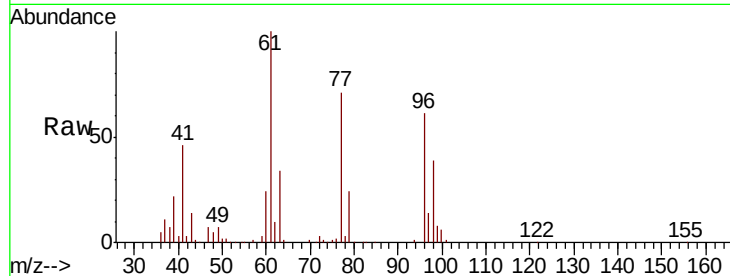


#27

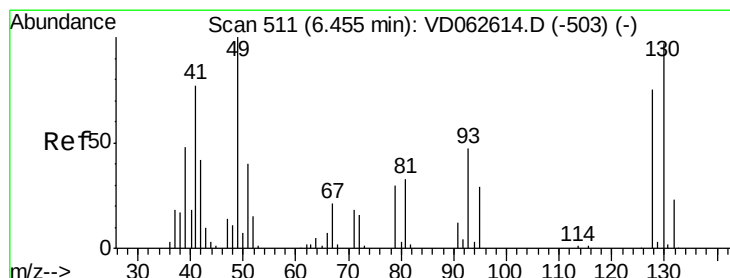
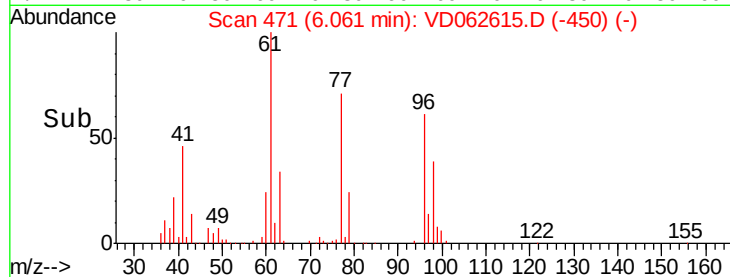
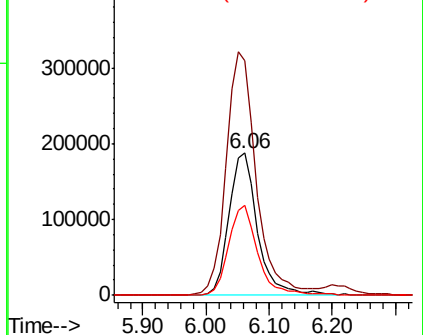
cis-1,2-Dichloroethene
 Concen: 64.834 ug/l
 RT: 6.06 min Scan# 471
 Delta R.T. 0.01 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.9	0.0	372.0
98	63.8	0.0	126.4



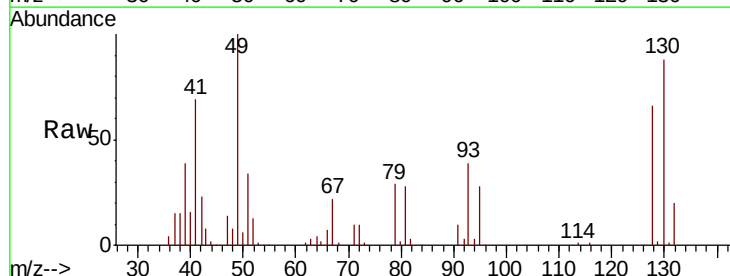
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC



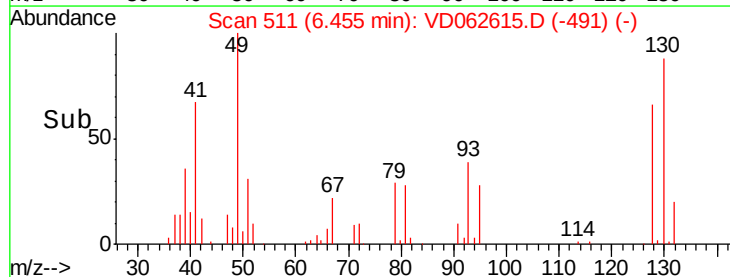
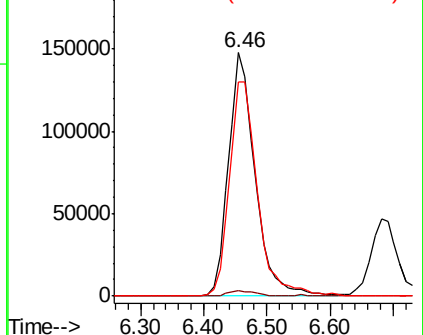
#28

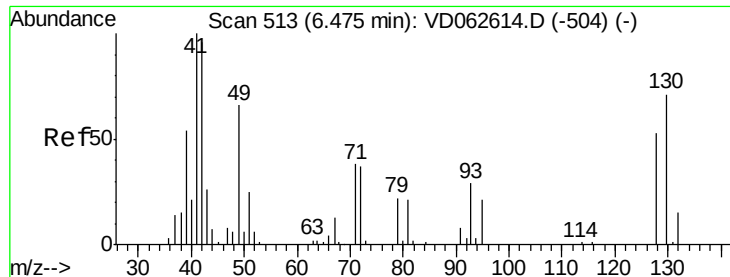
Bromochloromethane
 Concen: 72.719 ug/l
 RT: 6.46 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	6.4
130	88.1	77.6	116.4



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





#29

Tetrahydrofuran

Concen: 345.787 ug/l

RT: 6.48 min Scan# 514

Delta R.T. 0.01 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC075

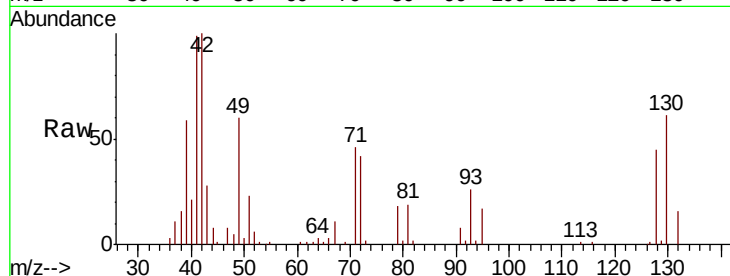
Tot Ion: 42 Resp: 332086

Ion Ratio Lower Upper

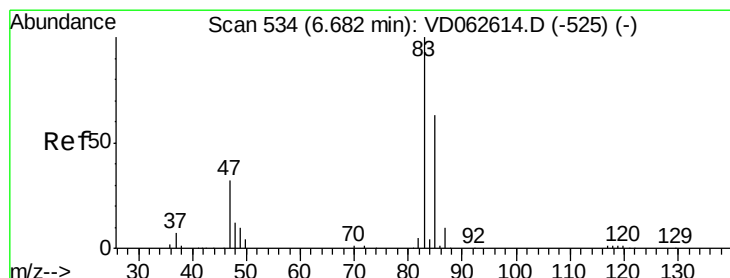
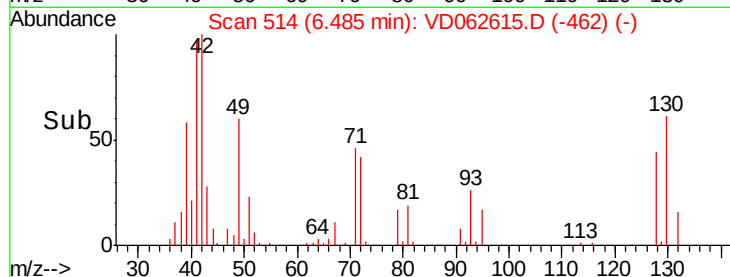
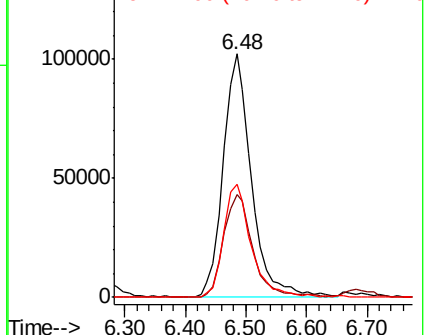
42 100

72 43.6 32.5 48.7

71 45.4 35.0 52.4



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: 68.726 ug/l

RT: 6.68 min Scan# 534

Delta R.T. -0.00 min

Lab File: VD062615.D

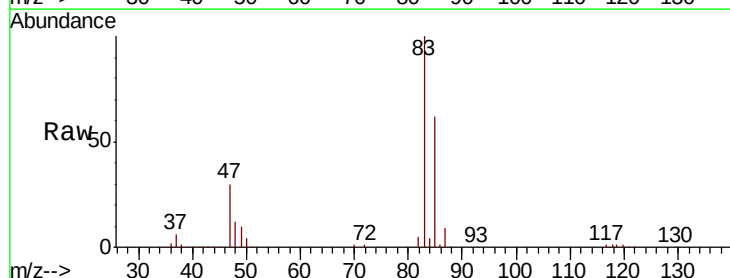
Acq: 5 Jun 2019 16:08

Tgt Ion: 83 Resp: 1334377

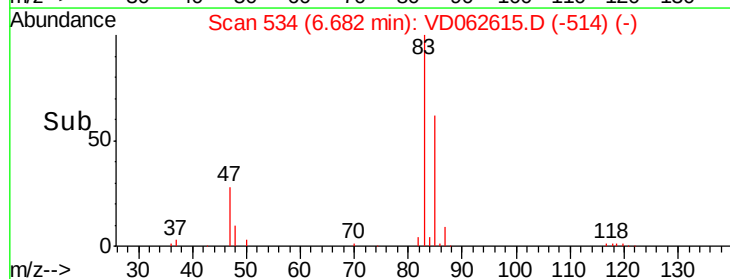
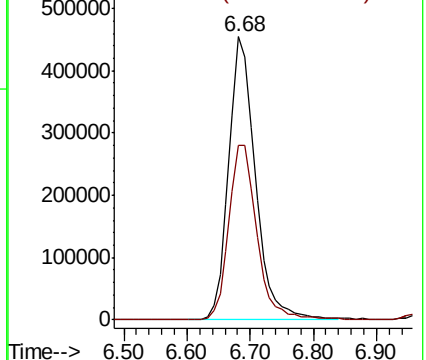
Ion Ratio Lower Upper

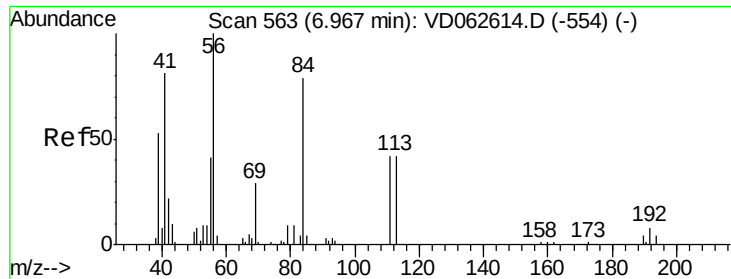
83 100

85 61.5 50.4 75.6



Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC

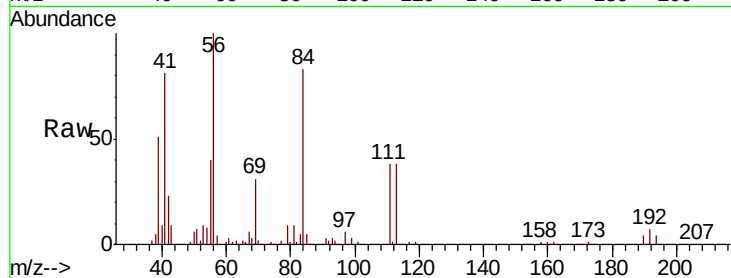




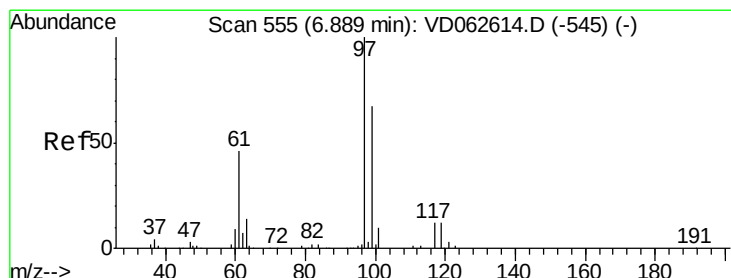
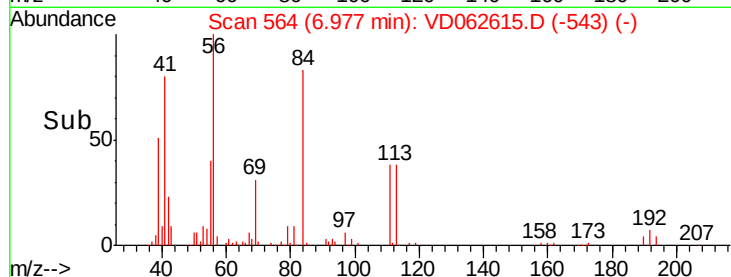
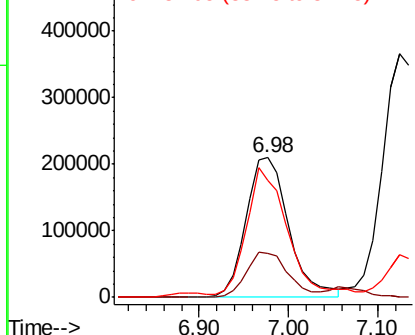
#31
Cyclohexane
Concen: 69.756 ug/l
RT: 6.98 min Scan# 564
Delta R.T. 0.01 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC075

Tot Ion: 56 Resp: 696121
Ion Ratio Lower Upper
56 100
69 31.4 23.0 34.4
84 83.4 66.0 99.0

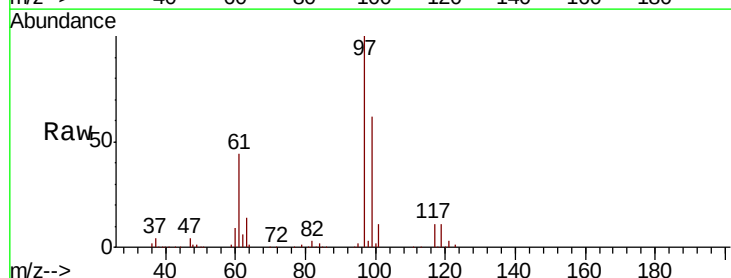


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

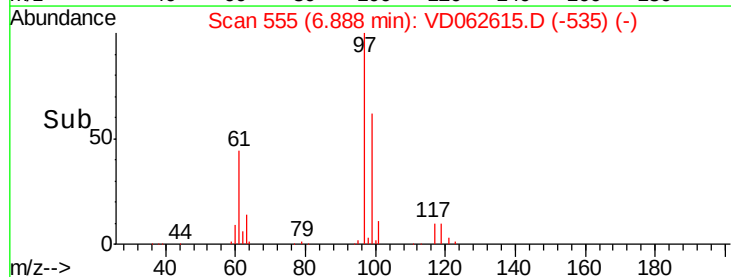
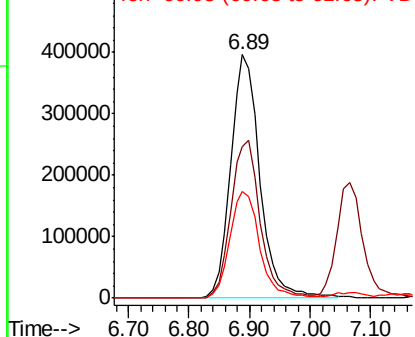


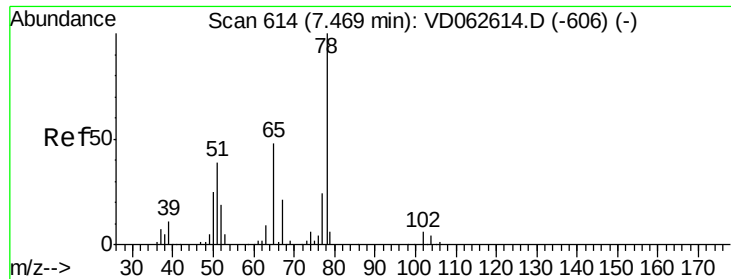
#32
1,1,1-Trichloroethane
Concen: 67.322 ug/l
RT: 6.89 min Scan# 555
Delta R.T. -0.00 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

Tgt Ion: 97 Resp: 1323264
Ion Ratio Lower Upper
97 100
99 62.1 53.4 80.0
61 44.0 36.7 55.1



Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 98.85 (98.55 to 99.55): VDC
Ion 60.95 (60.65 to 61.65): VDC

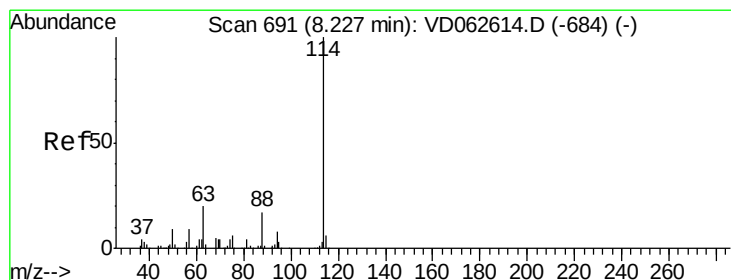
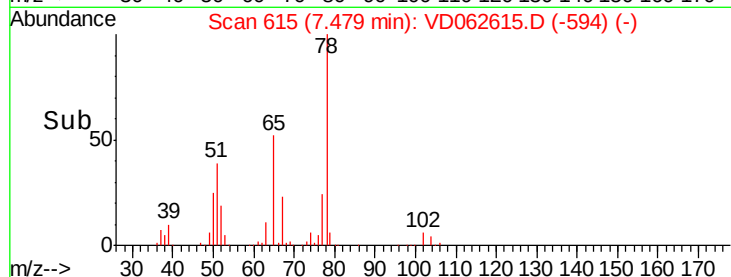
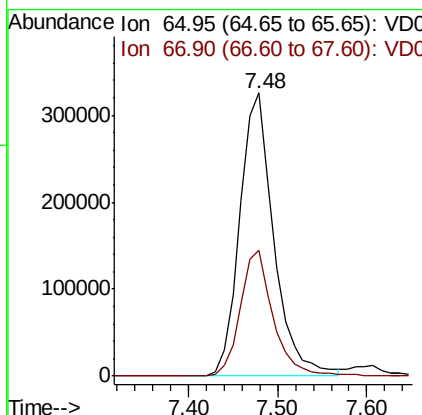
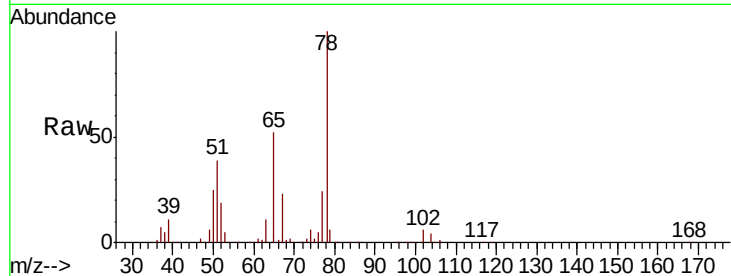




#33
 1,2-Dichloroethane-d4
 Concen: 71.142 ug/l
 RT: 7.48 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

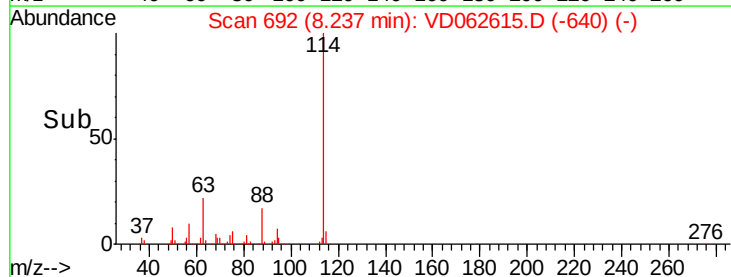
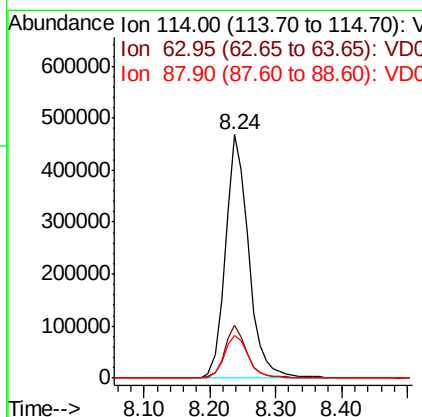
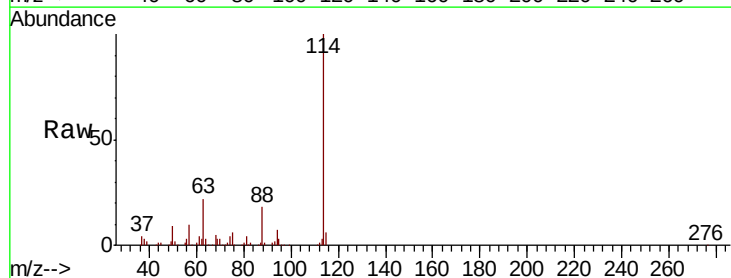
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

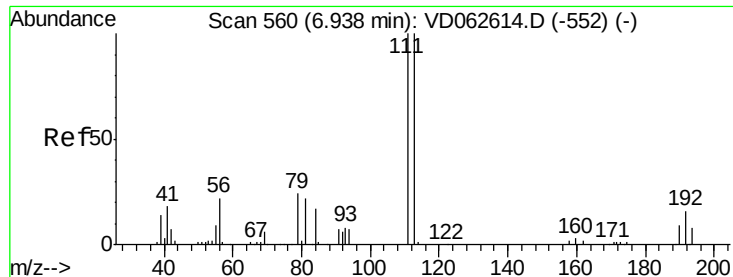
Tot Ion: 65 Resp: 862156
 Ion Ratio Lower Upper
 65 100
 67 44.3 0.0 86.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

Tgt Ion: 114 Resp: 1154863
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 41.0
 88 17.6 0.0 34.2





#35

Dibromofluoromethane

Concen: 72.872 ug/l

RT: 6.95 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC075

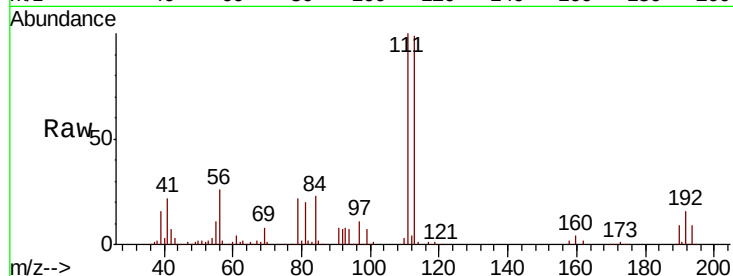
Tot Ion:113 Resp: 855331

Ion Ratio Lower Upper

113 100

111 101.4 80.1 120.1

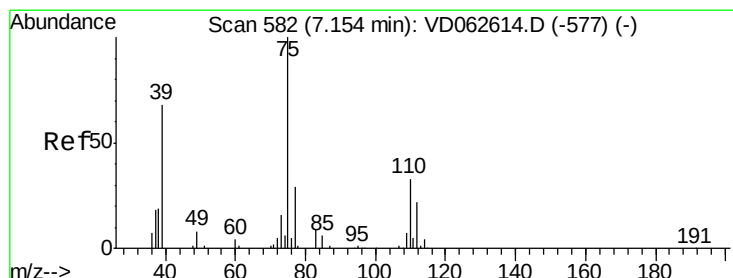
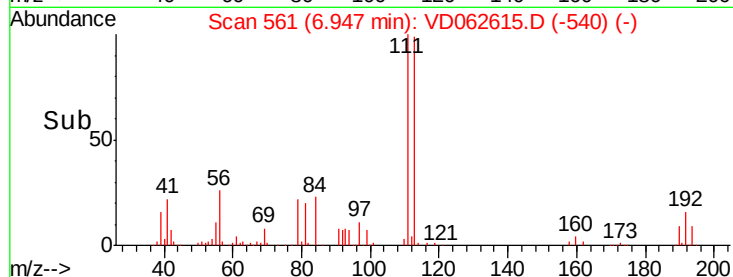
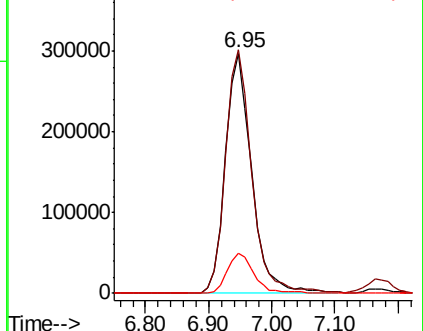
192 16.6 13.0 19.6



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: 70.924 ug/l

RT: 7.16 min Scan# 583

Delta R.T. 0.01 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

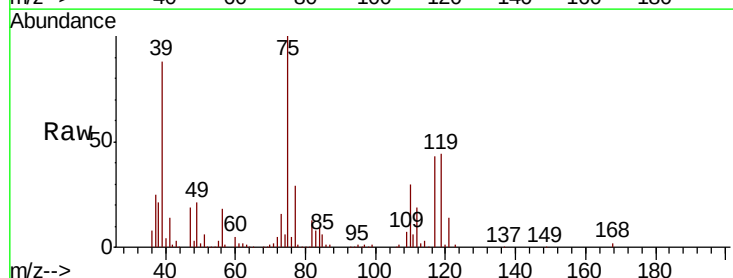
Tgt Ion: 75 Resp: 880640

Ion Ratio Lower Upper

75 100

110 30.5 16.5 49.5

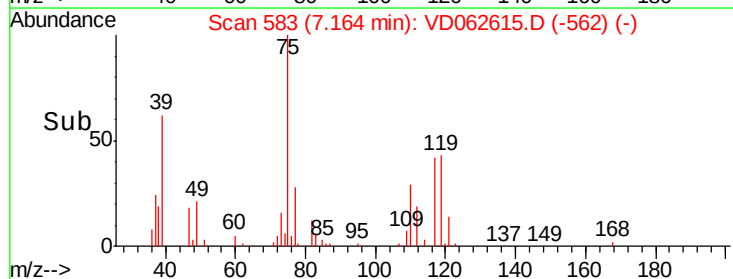
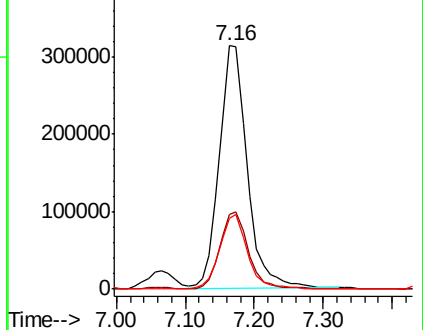
77 29.0 23.3 34.9

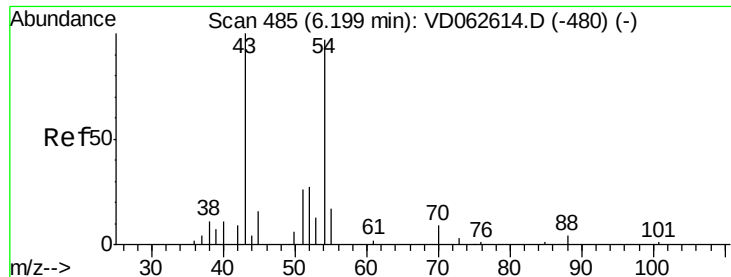


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 70.967 ug/l

RT: 6.21 min Scan# 486

Delta R.T. 0.01 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC075

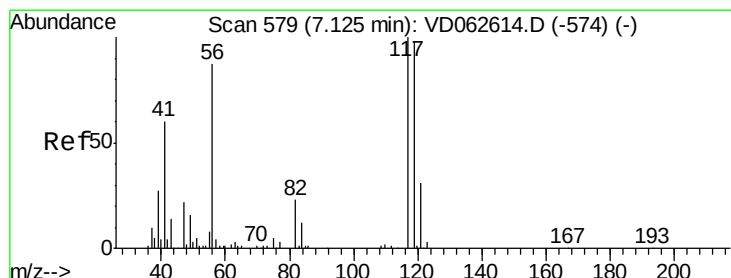
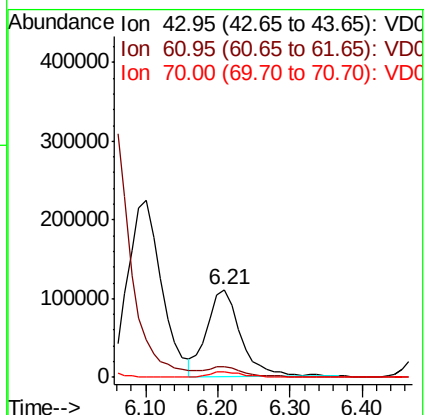
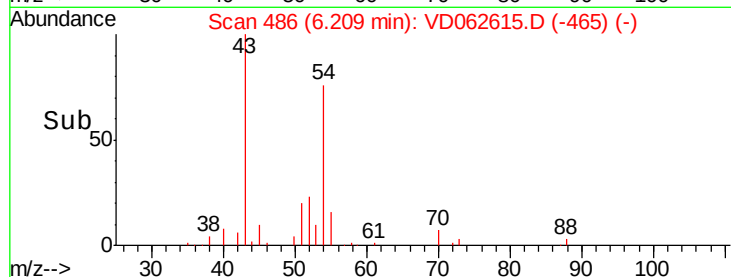
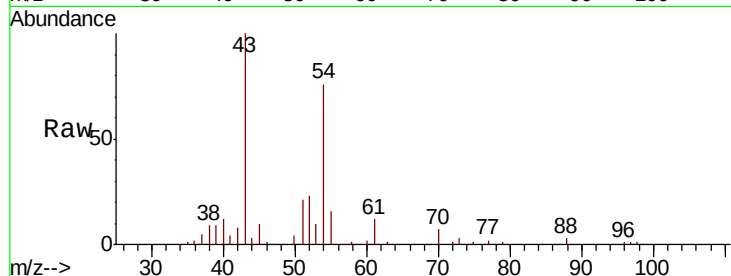
Tot Ion: 43 Resp: 355590

Ion Ratio Lower Upper

43 100

61 11.8 8.8 13.2

70 6.9 5.6 8.4



#38

Carbon Tetrachloride

Concen: 75.942 ug/l

RT: 7.13 min Scan# 580

Delta R.T. 0.01 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

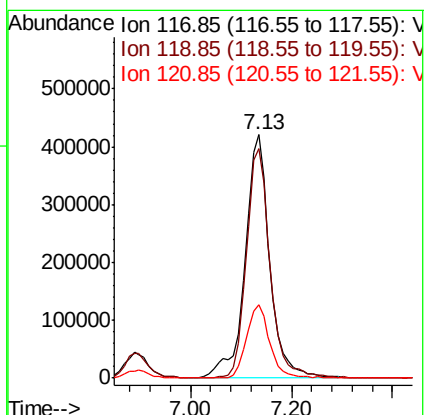
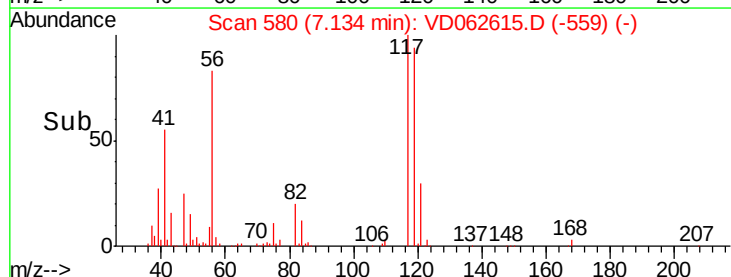
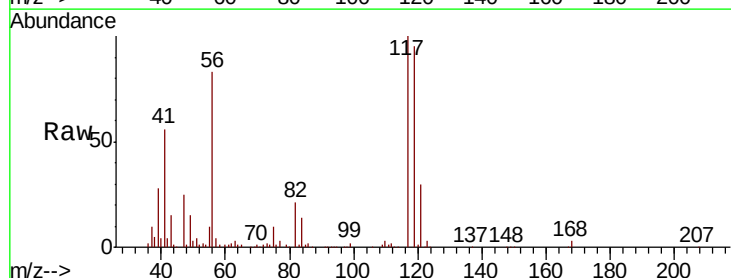
Tgt Ion: 117 Resp: 1429309

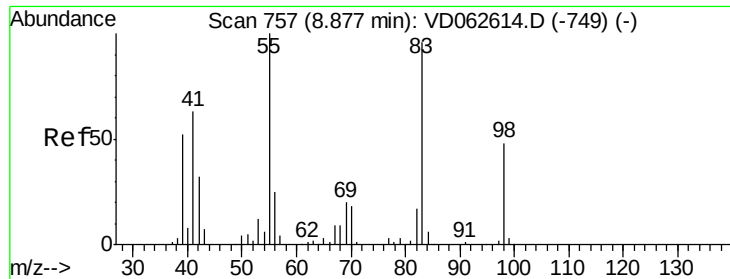
Ion Ratio Lower Upper

117 100

119 94.5 74.1 111.1

121 30.2 23.5 35.3

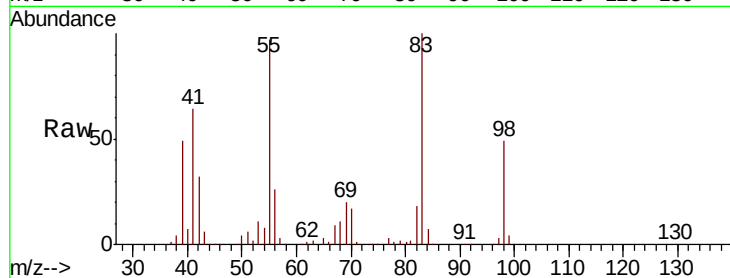




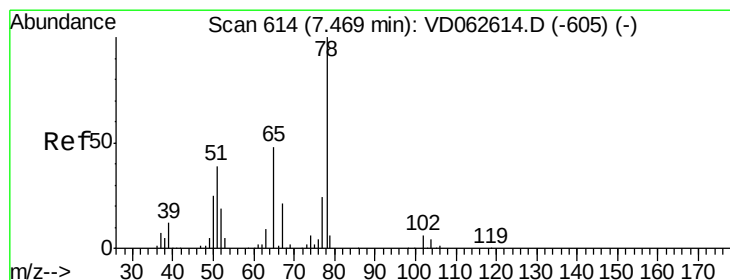
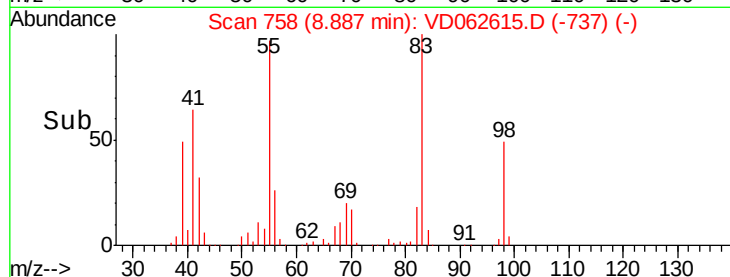
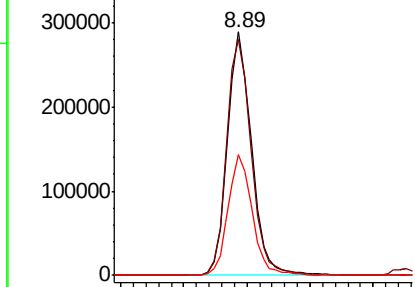
#39
Methylvlcyclohexane
Concen: 71.982 ug/l
RT: 8.89 min Scan# 758
Delta R.T. 0.01 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC075

Tot Ion: 83 Resp: 764161
Ion Ratio Lower Upper
83 100
55 97.1 83.2 124.8
98 49.5 39.8 59.8

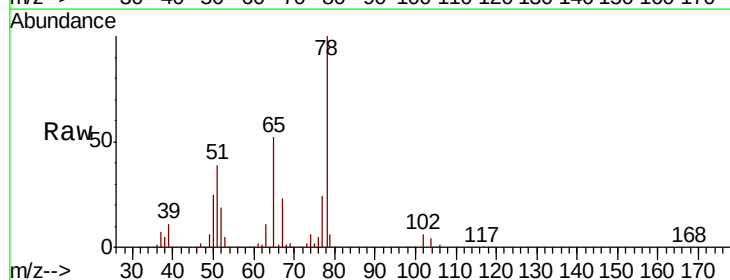


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

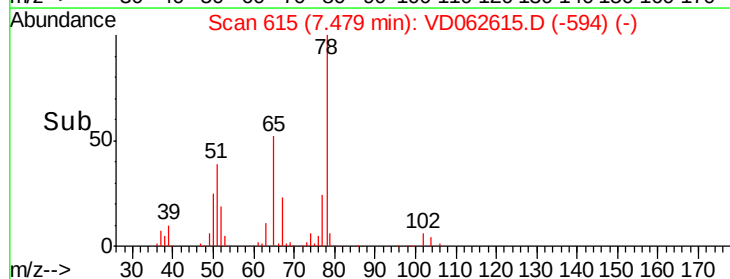
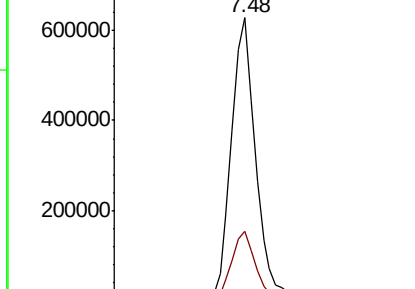


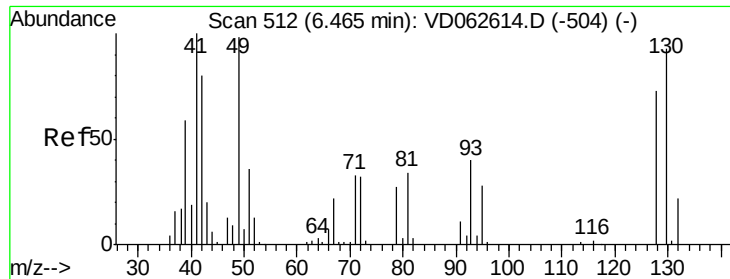
#40
Benzene
Concen: 69.488 ug/l
RT: 7.48 min Scan# 615
Delta R.T. 0.01 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

Tgt Ion: 78 Resp: 1704090
Ion Ratio Lower Upper
78 100
77 24.5 19.5 29.3



Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC

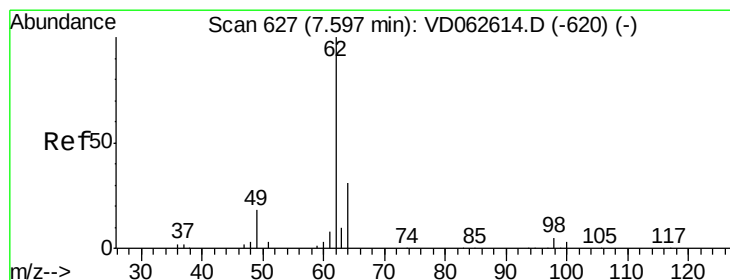
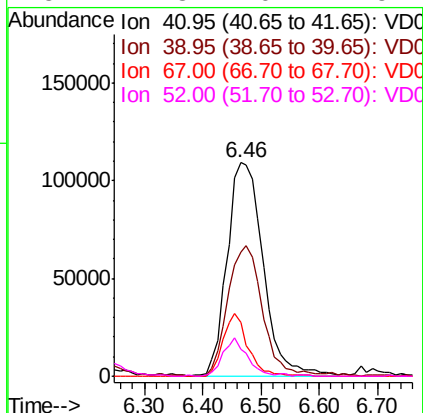
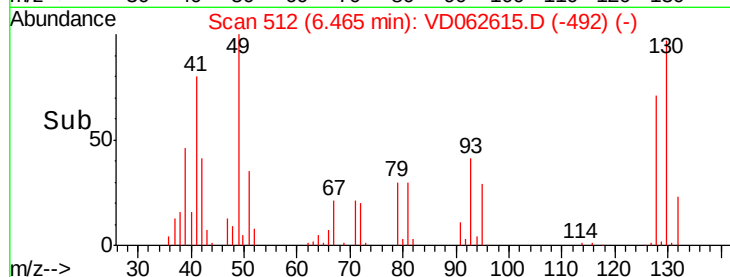
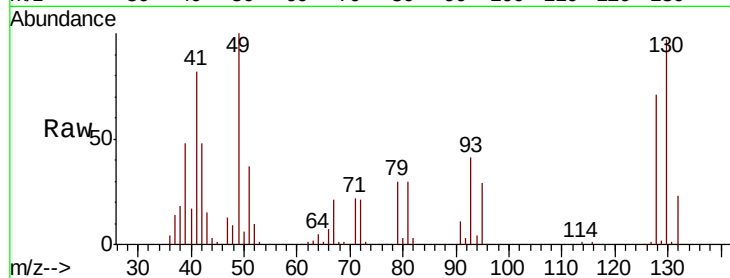




#41
Methacrylonitrile
Concen: 72.616 ug/l
RT: 6.46 min Scan# 512
Delta R.T. -0.00 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

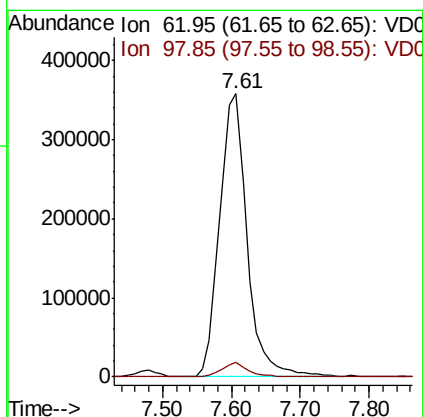
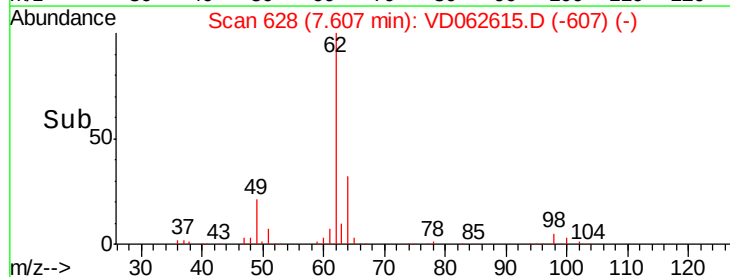
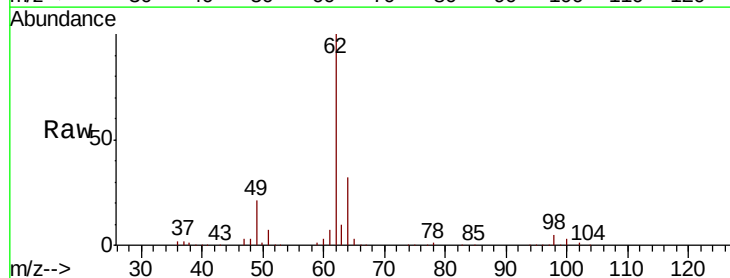
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC075

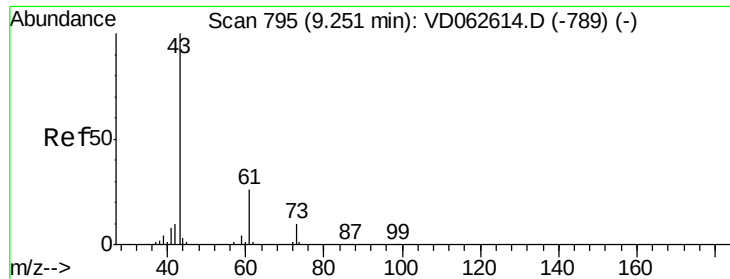
Tot Ion:	41	Resp:	471185
Ion	Ratio	Lower	Upper
41	100		
39	58.4	47.5	71.3
67	25.2	17.8	26.6
52	12.8	10.2	15.4



#42
1,2-Dichloroethane
Concen: 68.434 ug/l
RT: 7.61 min Scan# 628
Delta R.T. 0.01 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

Tgt Ion:	62	Resp:	987833
Ion	Ratio	Lower	Upper
62	100		
98	5.1	0.0	10.2



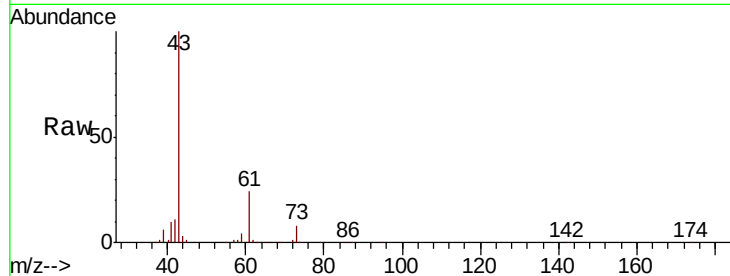


#43

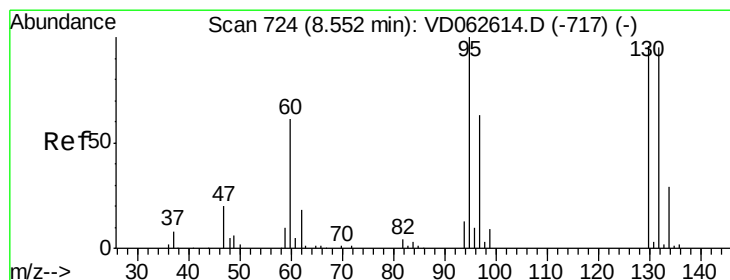
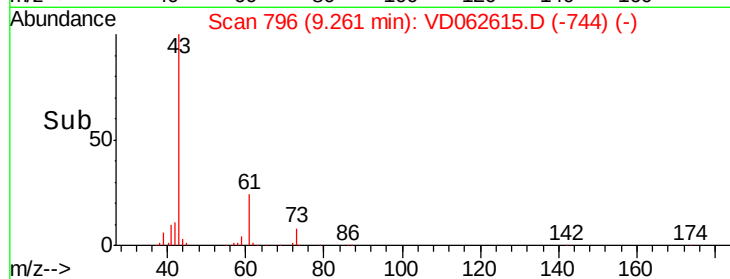
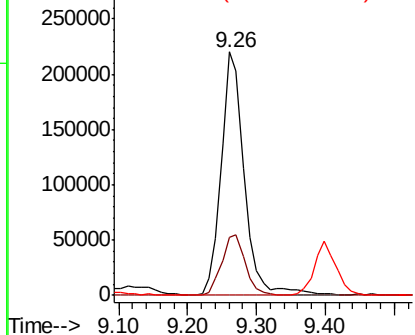
Isopropyl Acetate
 Concen: 74.385 ug/l
 RT: 9.26 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Tot Ion: 43 Resp: 512283
 Ion Ratio Lower Upper
 43 100
 61 23.8 21.0 31.6
 87 0.4 0.2 0.4#



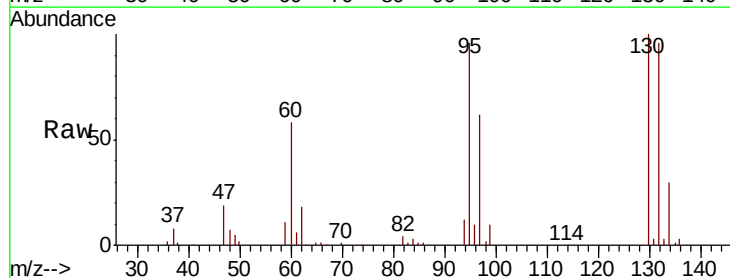
Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 87.00 (86.70 to 87.70): VDC



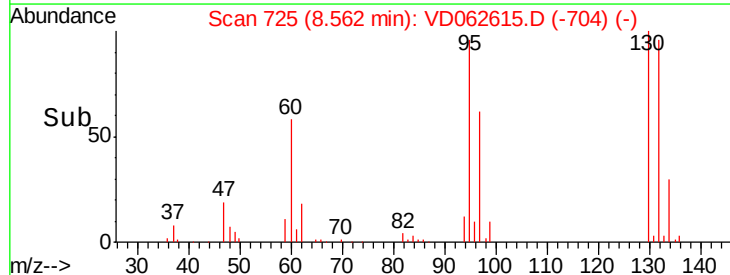
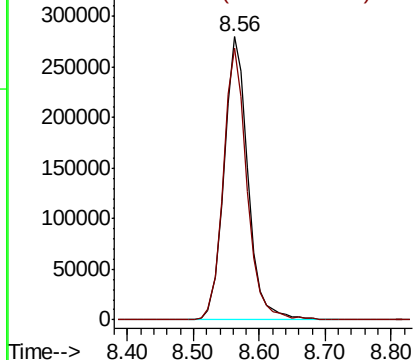
#44

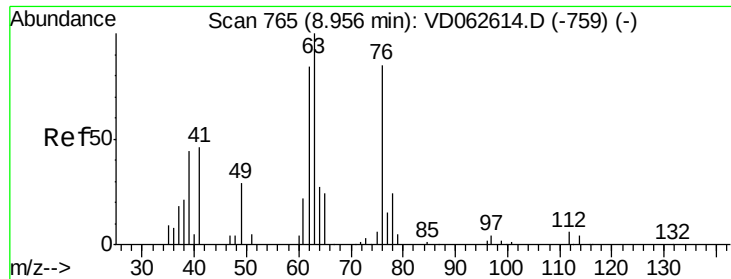
Trichloroethene
 Concen: 71.340 ug/l
 RT: 8.56 min Scan# 725
 Delta R.T. 0.01 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

Tgt Ion: 130 Resp: 709470
 Ion Ratio Lower Upper
 130 100
 95 95.8 0.0 208.2



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





#45

1,2-Dichloropropane

Concen: 69.152 ug/l

RT: 8.97 min Scan# 766

Delta R.T. 0.01 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

Instrument :

MSVOA_D

ClientSampleId :

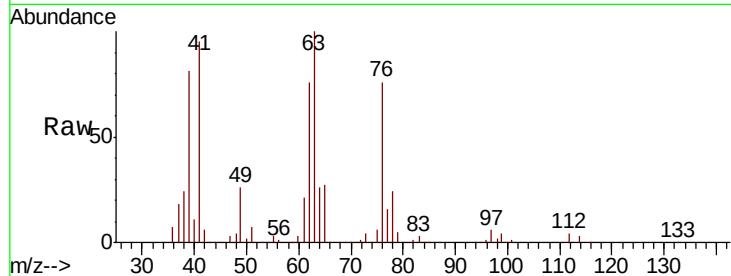
VSTDIC075

Tot Ion: 63 Resp: 424650

Ion Ratio Lower Upper

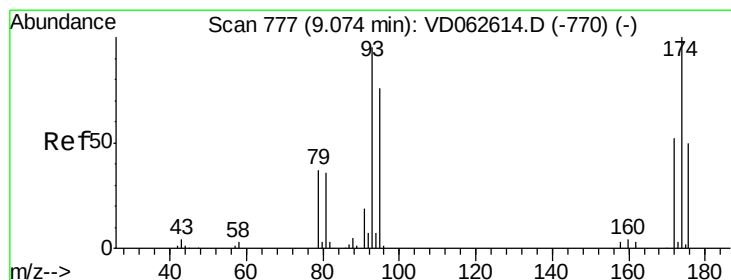
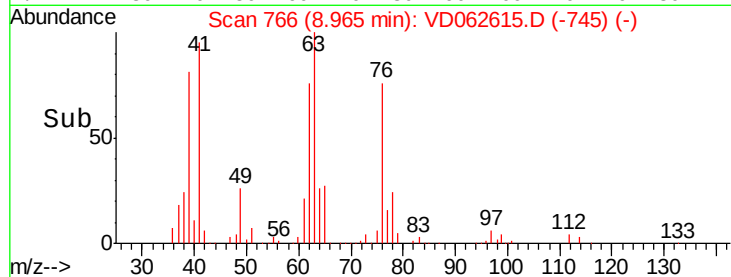
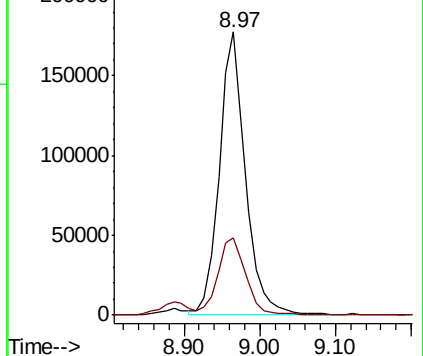
63 100

65 27.3 21.7 32.5



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 71.695 ug/l

RT: 9.08 min Scan# 778

Delta R.T. 0.01 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

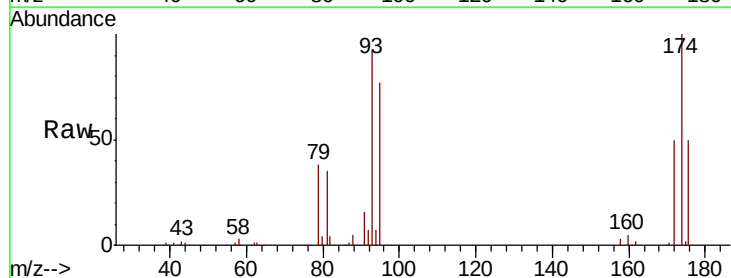
Tgt Ion: 93 Resp: 383025

Ion Ratio Lower Upper

93 100

95 83.4 64.2 96.2

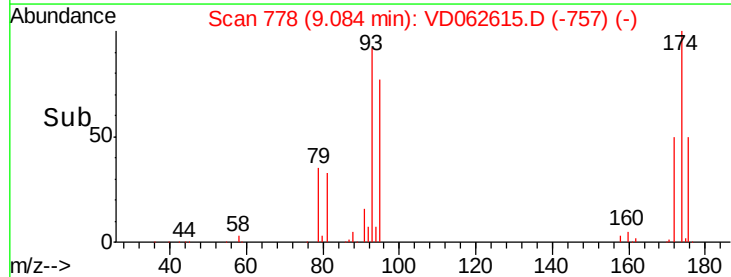
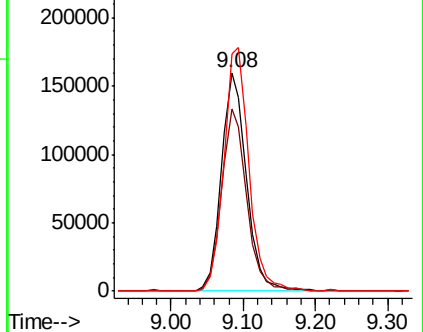
174 108.4 84.1 126.1

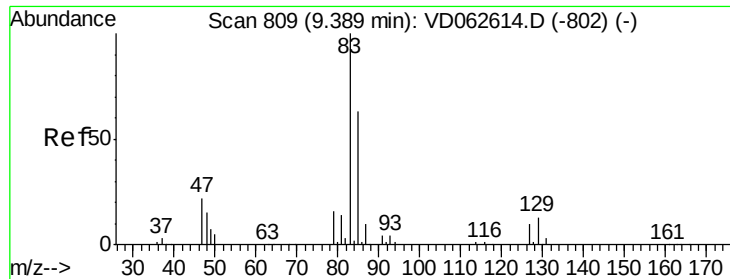


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 71.947 ug/l

RT: 9.40 min Scan# 810

Delta R.T. 0.01 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC075

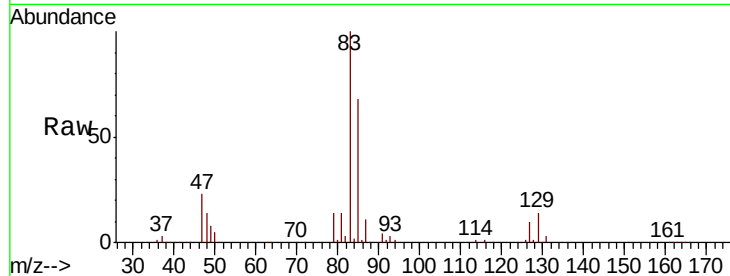
Tot Ion: 83 Resp: 1035286

Ion Ratio Lower Upper

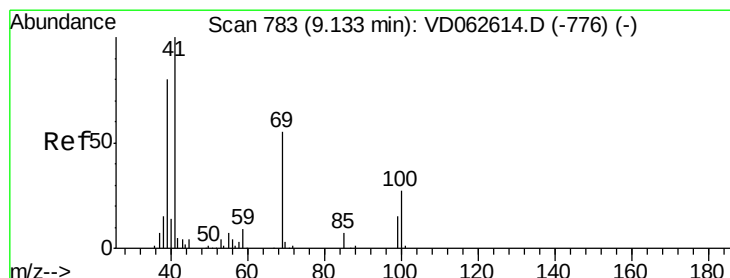
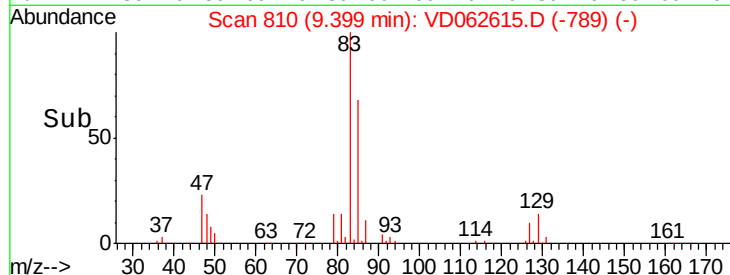
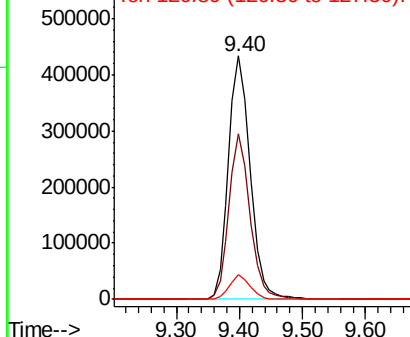
83 100

85 67.9 50.2 75.4

127 10.2 7.9 11.9



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: 69.571 ug/l

RT: 9.14 min Scan# 784

Delta R.T. 0.01 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

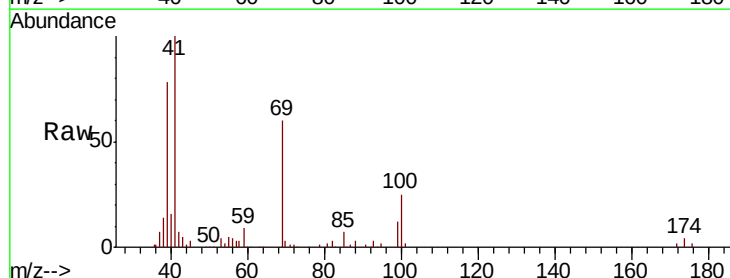
Tgt Ion: 41 Resp: 325844

Ion Ratio Lower Upper

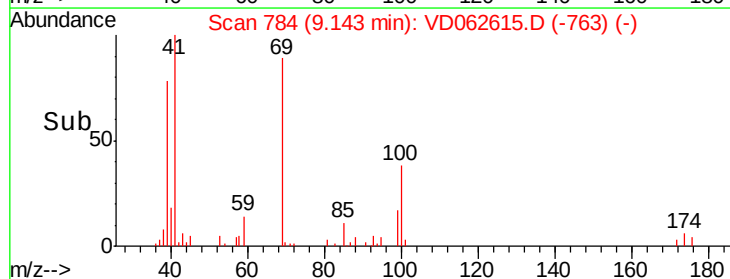
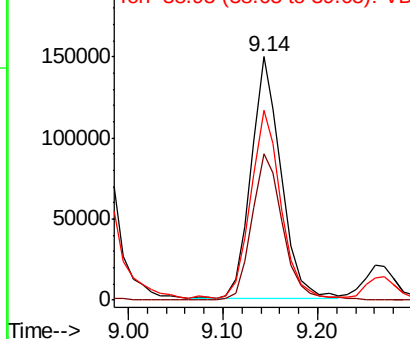
41 100

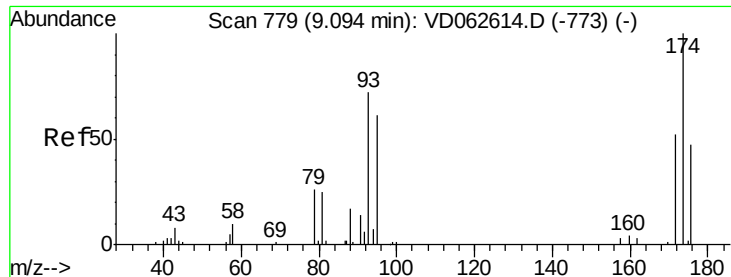
69 59.9 43.8 65.8

39 78.1 64.0 96.0



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

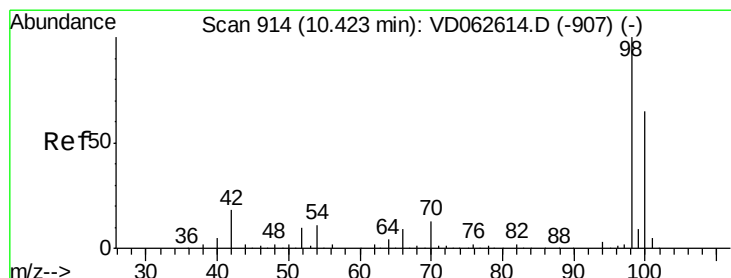
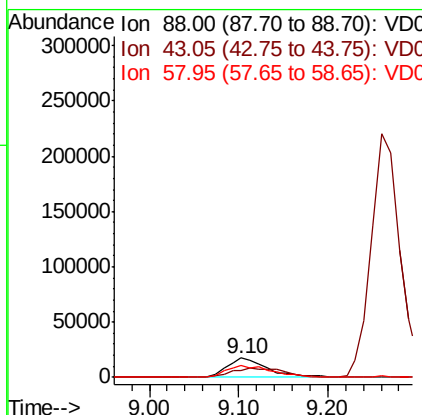
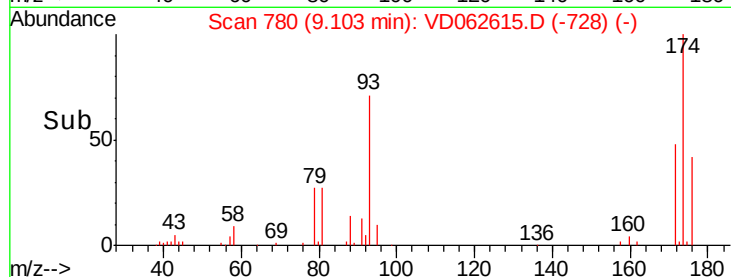
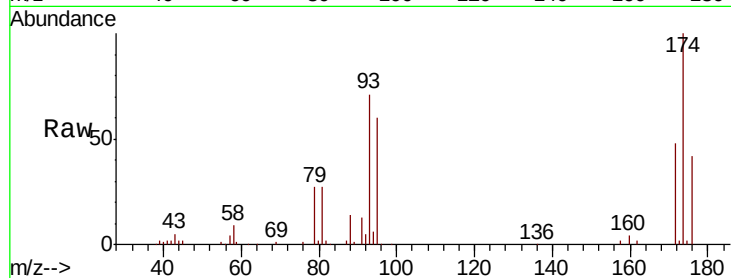




#49
1,4-Dioxane
Concen: 1496.314 ug/l
RT: 9.10 min Scan# 780
Delta R.T. 0.01 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

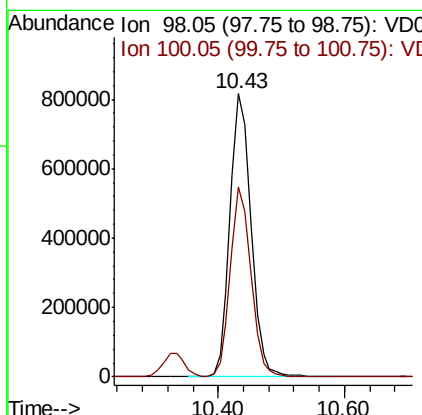
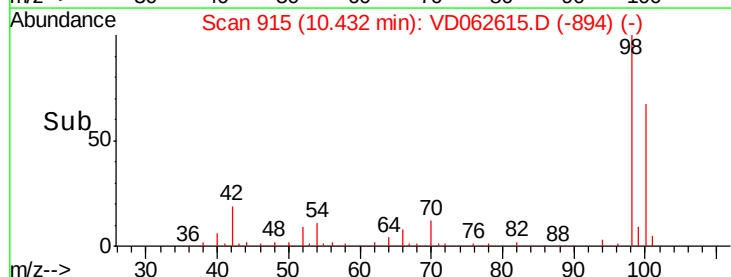
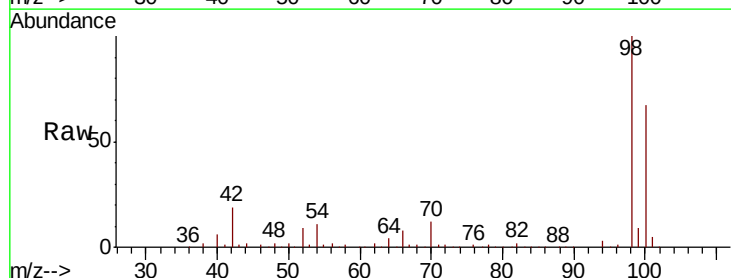
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC075

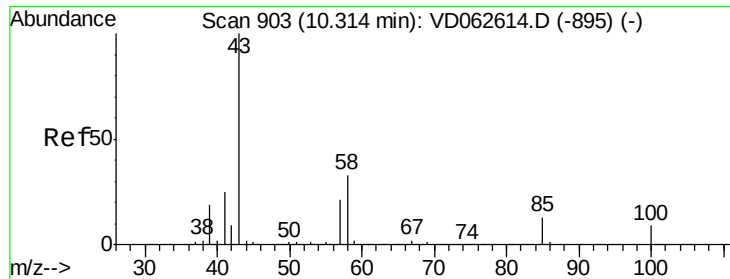
Tot Ion: 88 Resp: 55619
Ion Ratio Lower Upper
88 100
43 38.0 39.3 58.9#
58 61.0 45.3 67.9



#50
Toluene-d8
Concen: 74.426 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

Tgt Ion: 98 Resp: 1881891
Ion Ratio Lower Upper
98 100
100 67.0 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 362.884 ug/l

RT: 10.32 min Scan# 904

Delta R.T. 0.01 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

Instrument :

MSVOA_D

ClientSampleId :

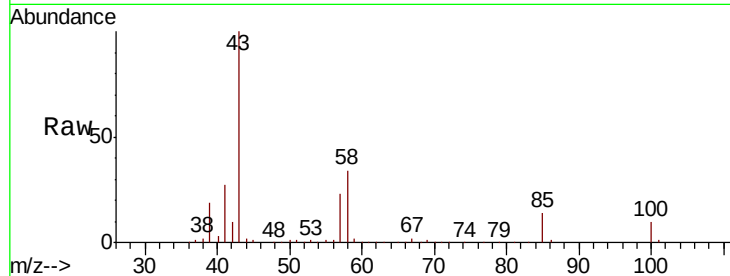
VSTDIC075

Tot Ion: 43 Resp: 1627284

Ion Ratio Lower Upper

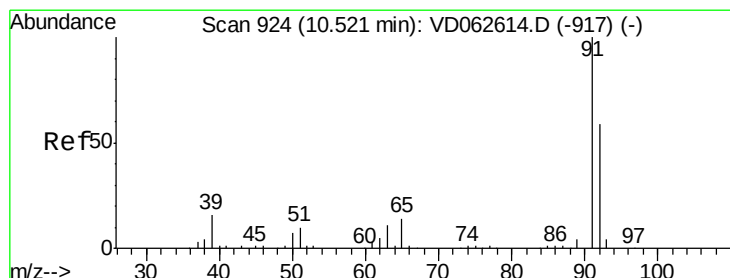
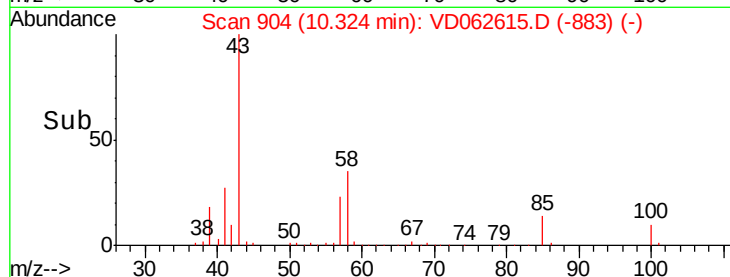
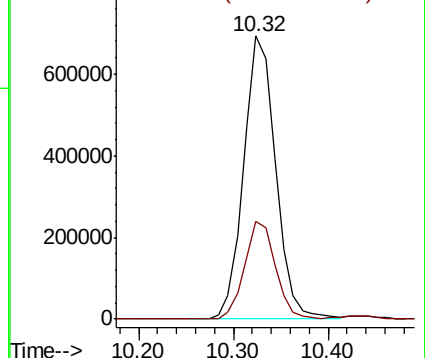
43 100

58 34.5 26.8 40.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 73.555 ug/l

RT: 10.53 min Scan# 925

Delta R.T. 0.01 min

Lab File: VD062615.D

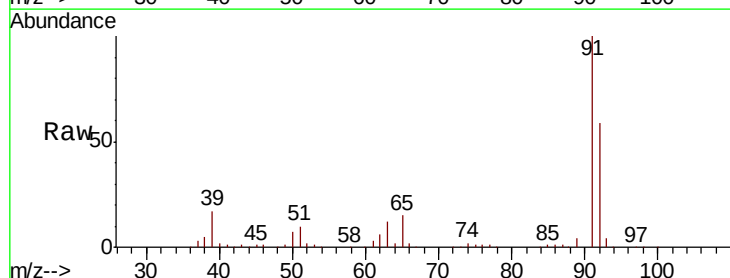
Acq: 5 Jun 2019 16:08

Tgt Ion: 92 Resp: 1196434

Ion Ratio Lower Upper

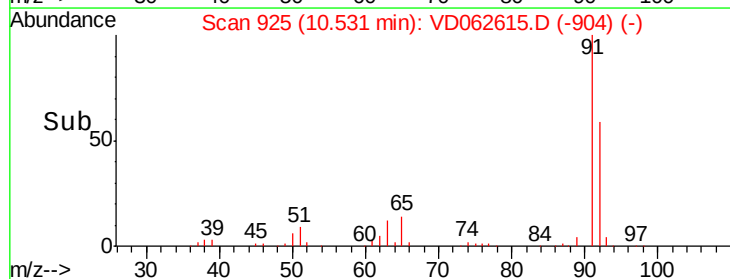
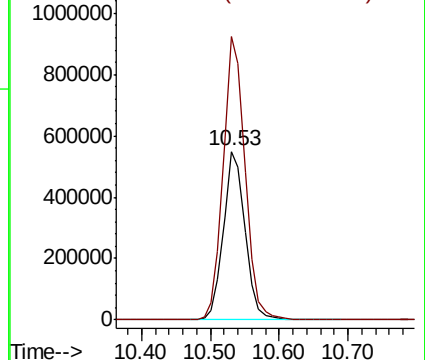
92 100

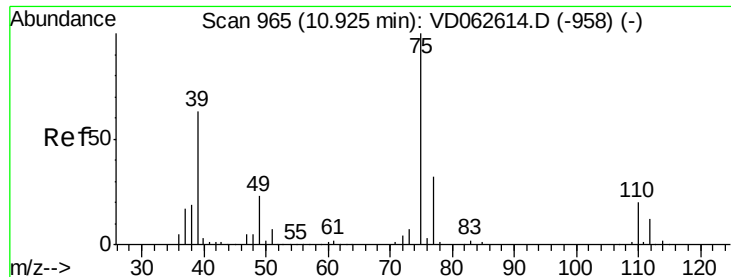
91 168.3 134.7 202.1



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

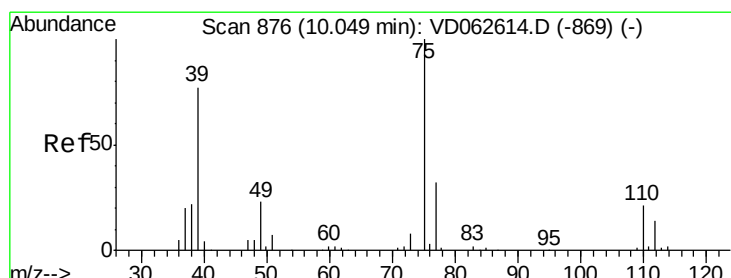
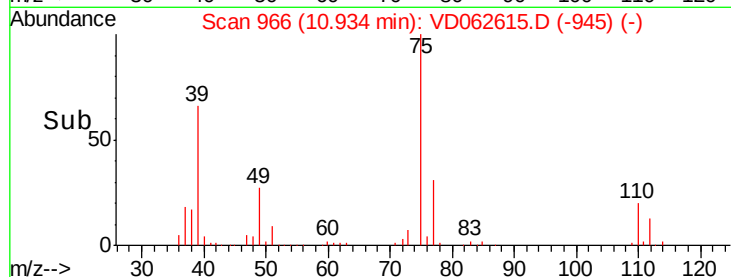
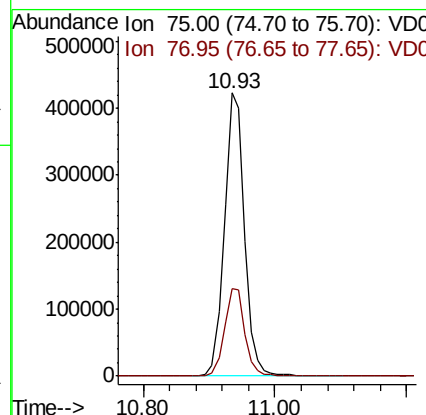
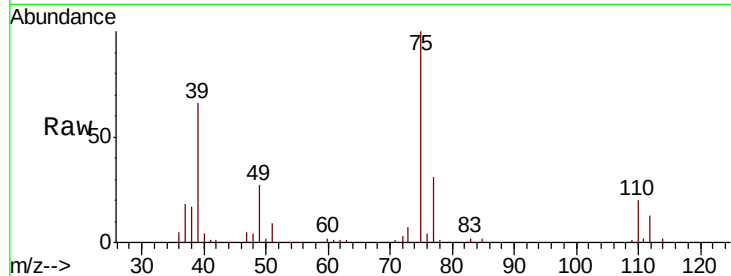




#53
 t-1,3-Dichloropropene
 Concen: 74.694 ug/l
 RT: 10.93 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

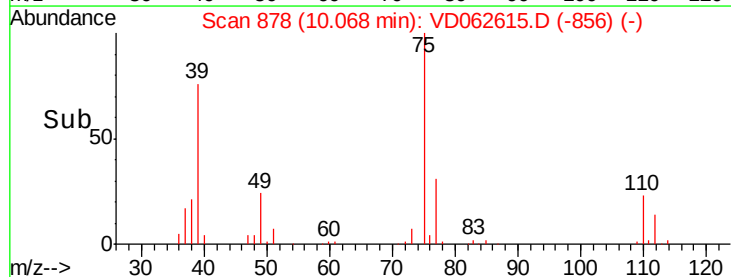
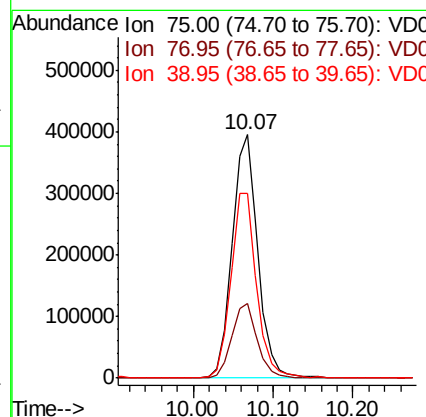
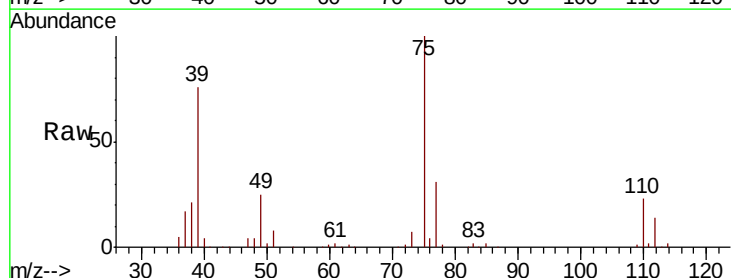
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

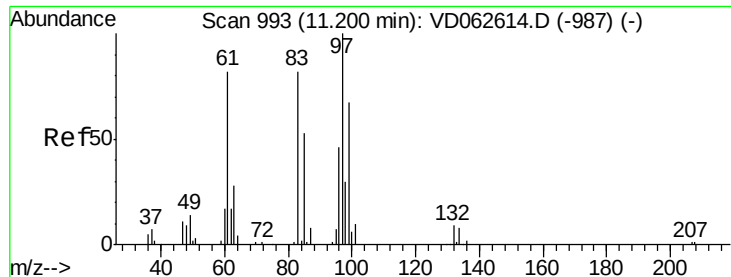
Tot Ion: 75 Resp: 892438
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 73.259 ug/l
 RT: 10.07 min Scan# 878
 Delta R.T. 0.02 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

Tgt Ion: 75 Resp: 891339
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.6 38.4
 39 76.0 61.2 91.8

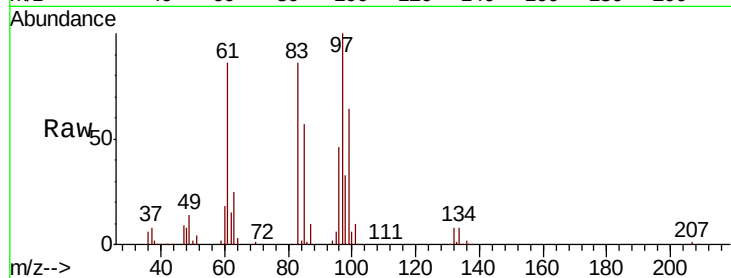




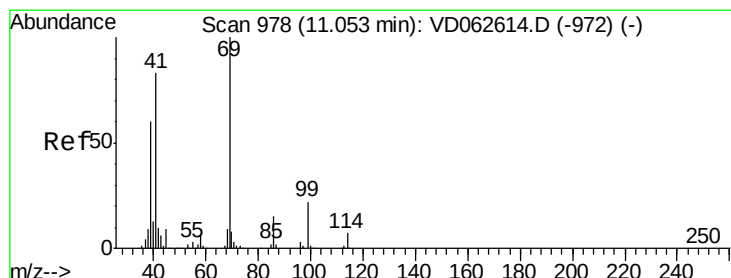
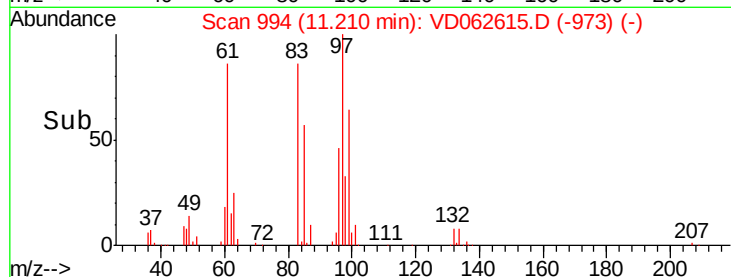
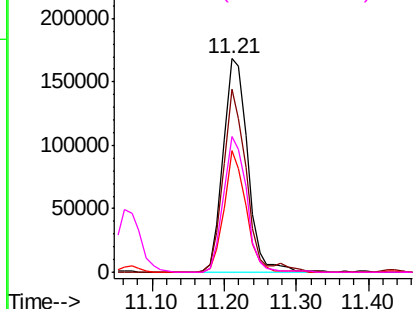
#55
 1,1,2-Trichloroethane
 Concen: 71.525 ug/l
 RT: 11.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Tot Ion:	97	Resp:	399144
Ion	Ratio	Lower	Upper
97	100		
83	85.6	65.9	98.9
85	56.7	42.6	63.8
99	63.7	53.4	80.2

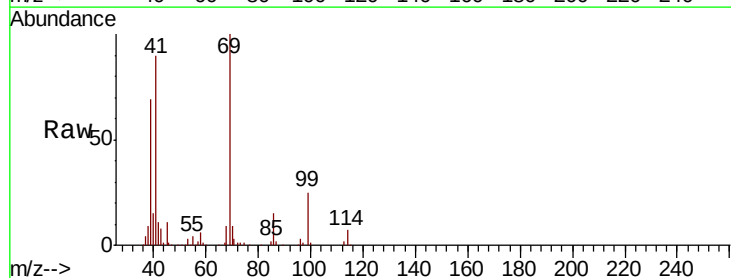


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

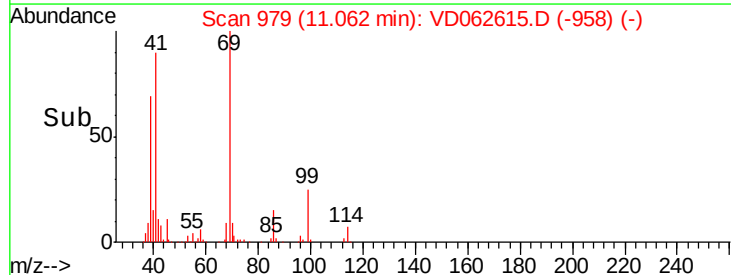
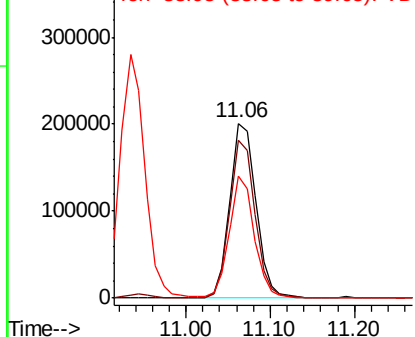


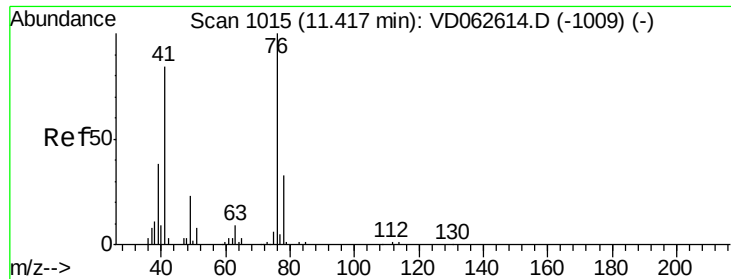
#56
 Ethyl methacrylate
 Concen: 70.525 ug/l
 RT: 11.06 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

Tgt Ion:	69	Resp:	438626
Ion	Ratio	Lower	Upper
69	100		
41	90.1	66.3	99.5
39	69.5	48.3	72.5



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.05 (40.75 to 41.75): VDC
 Ion 38.95 (38.65 to 39.65): VDC

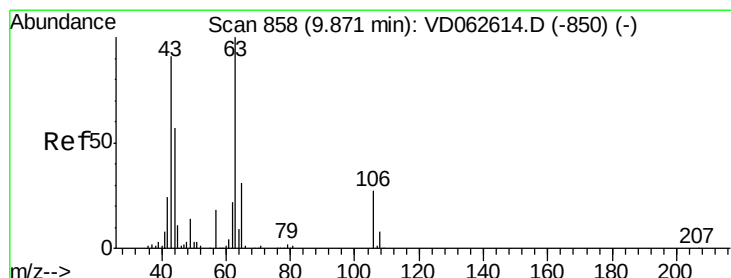
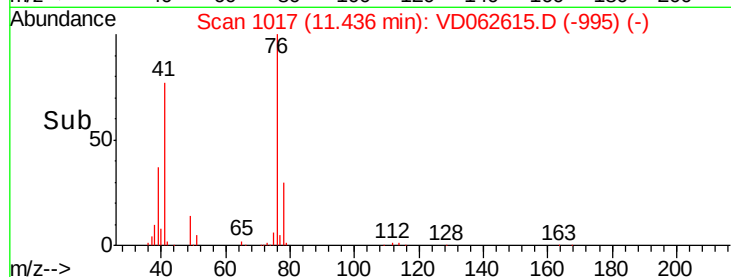
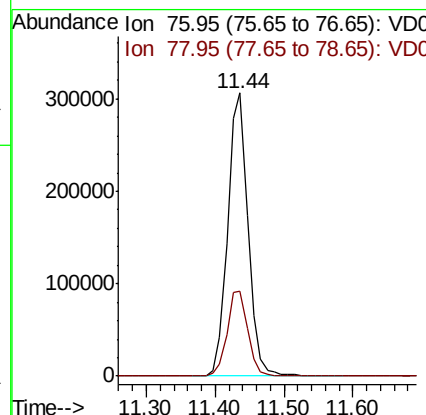
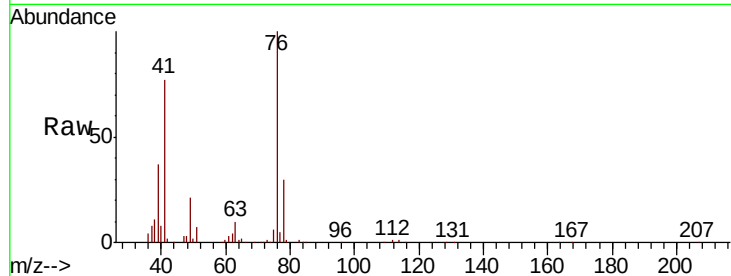




#57
 1,3-Dichloropropane
 Concen: 71.536 ug/l
 RT: 11.44 min Scan# 1017
 Delta R.T. 0.02 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

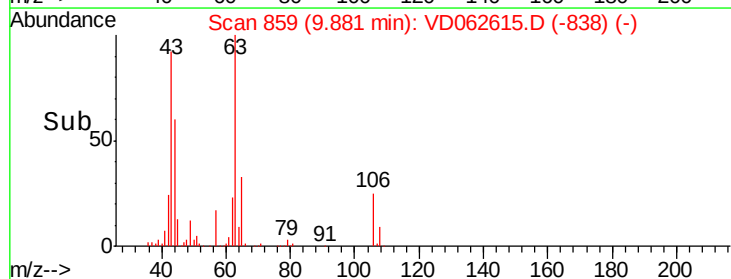
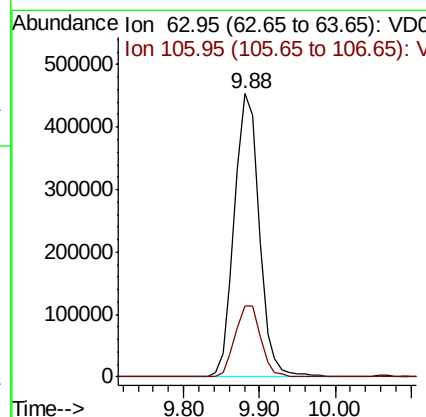
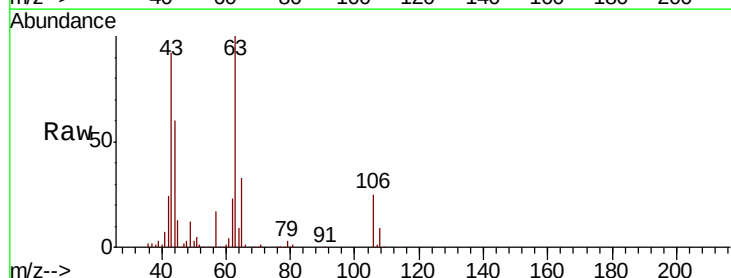
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

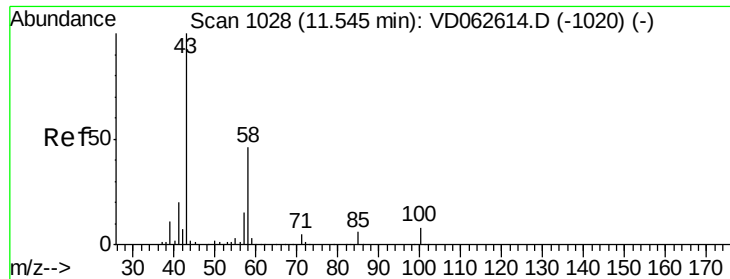
Tot Ion: 76 Resp: 623273
 Ion Ratio Lower Upper
 76 100
 78 30.1 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 324.136 ug/l
 RT: 9.88 min Scan# 859
 Delta R.T. 0.01 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

Tgt Ion: 63 Resp: 1033958
 Ion Ratio Lower Upper
 63 100
 106 25.2 21.3 31.9

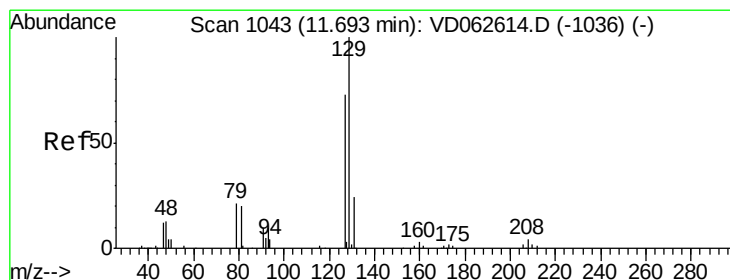
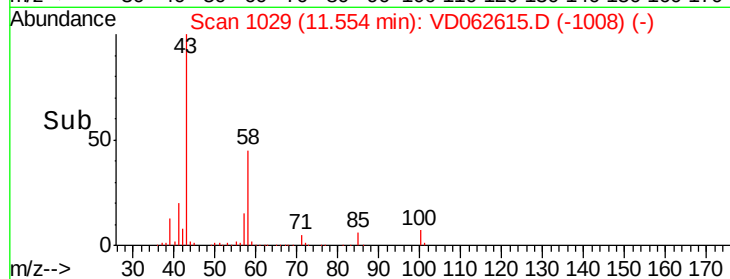
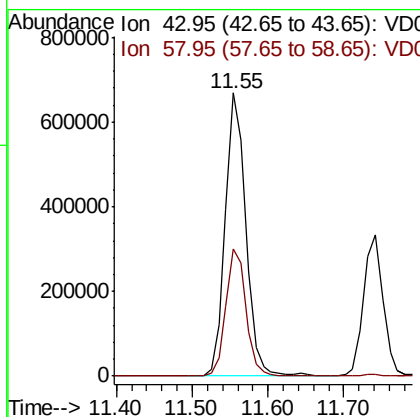
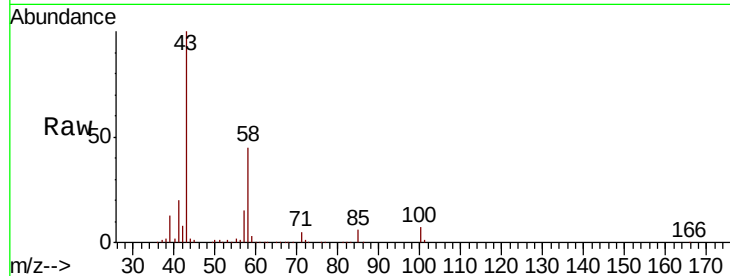




#59
2-Hexanone
Concen: 371.733 ug/l
RT: 11.55 min Scan# 1029
Delta R.T. 0.01 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

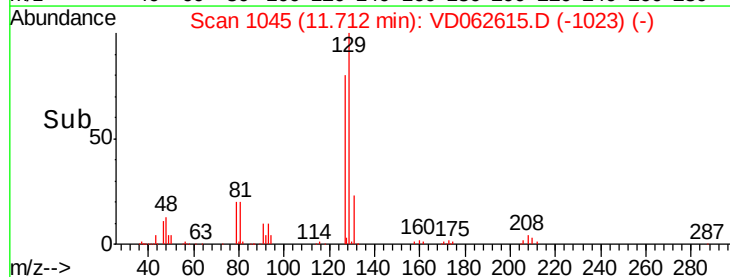
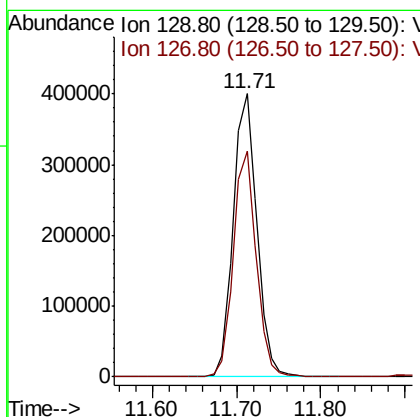
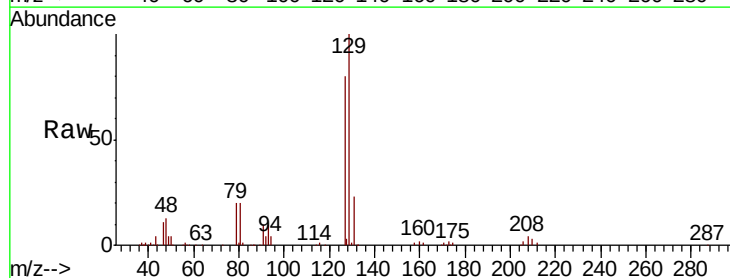
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC075

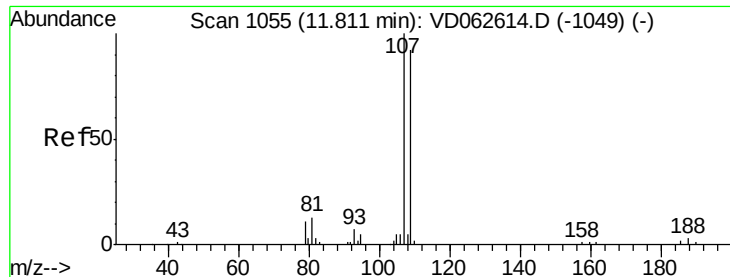
Tot Ion: 43 Resp: 1263970
Ion Ratio Lower Upper
43 100
58 45.0 22.8 68.3



#60
Dibromochloromethane
Concen: 72.015 ug/l
RT: 11.71 min Scan# 1045
Delta R.T. 0.02 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

Tgt Ion: 129 Resp: 785275
Ion Ratio Lower Upper
129 100
127 79.6 36.6 109.9

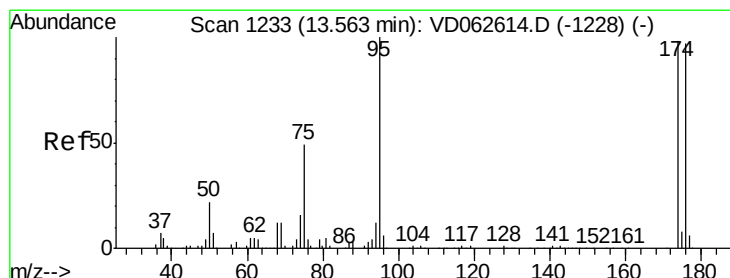
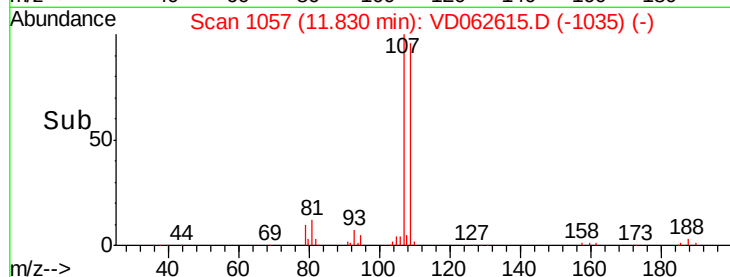
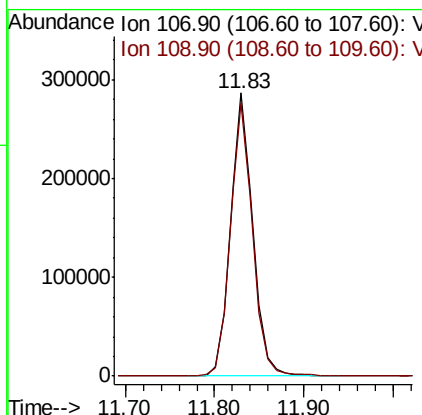
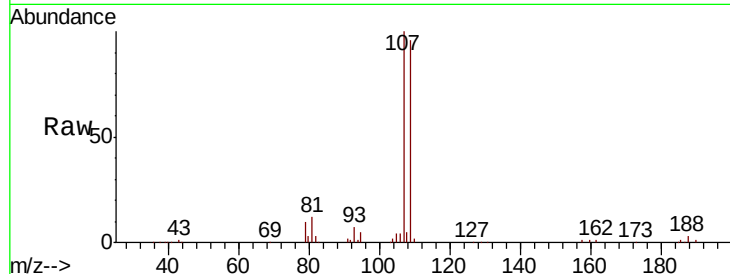




#61
 1,2-Dibromoethane
 Concen: 73.309 ug/l
 RT: 11.83 min Scan# 1057
 Delta R.T. 0.02 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

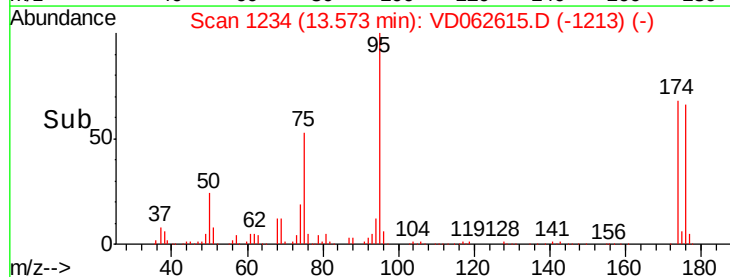
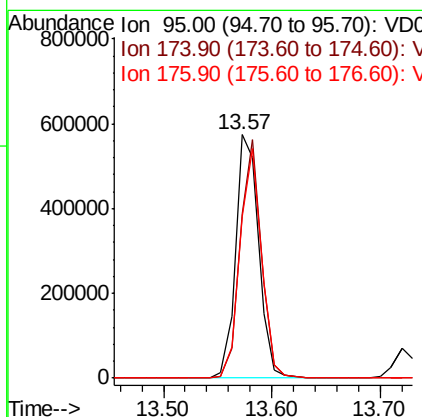
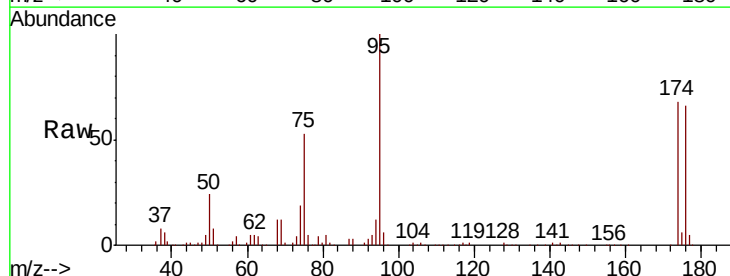
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

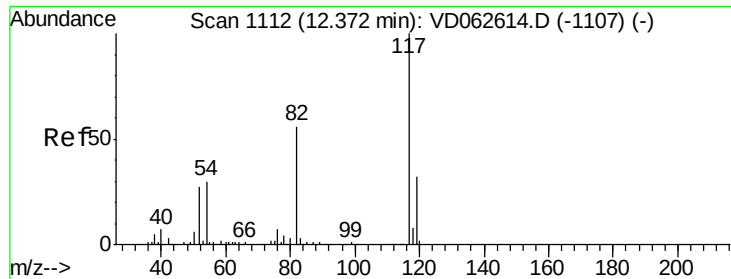
Tot Ion: 107 Resp: 501057
 Ion Ratio Lower Upper
 107 100
 109 96.3 73.8 110.8



#62
 4-Bromofluorobenzene
 Concen: 71.424 ug/l
 RT: 13.57 min Scan# 1234
 Delta R.T. 0.01 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

Tgt Ion: 95 Resp: 851412
 Ion Ratio Lower Upper
 95 100
 174 67.5 0.0 195.8
 176 66.2 0.0 193.2

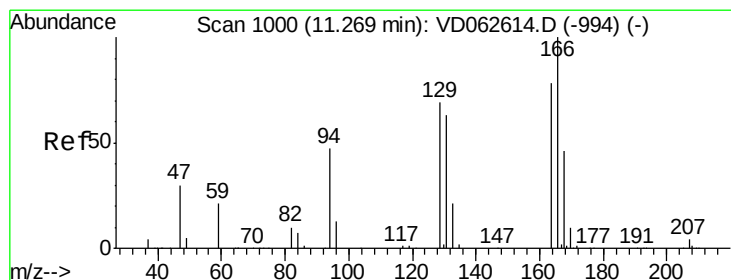
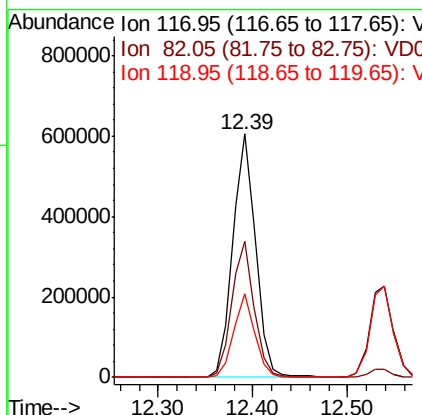
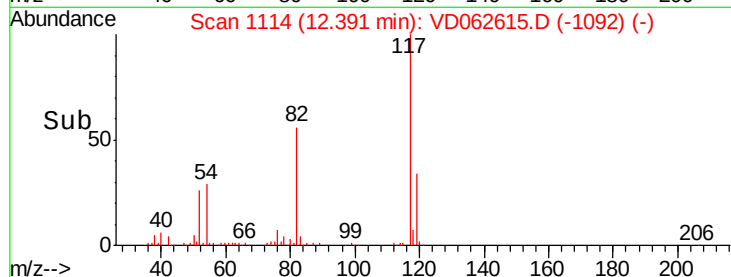
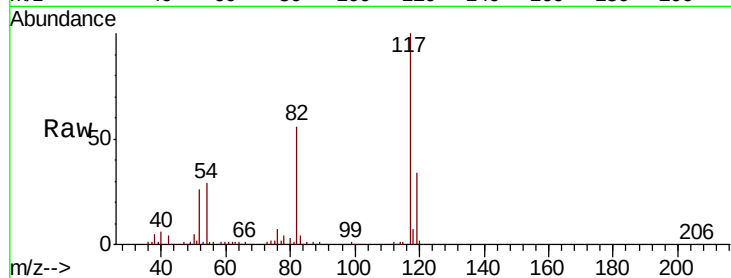




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

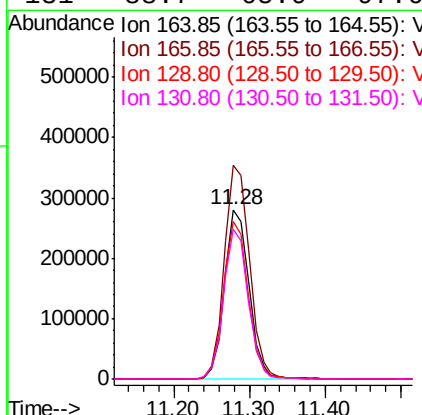
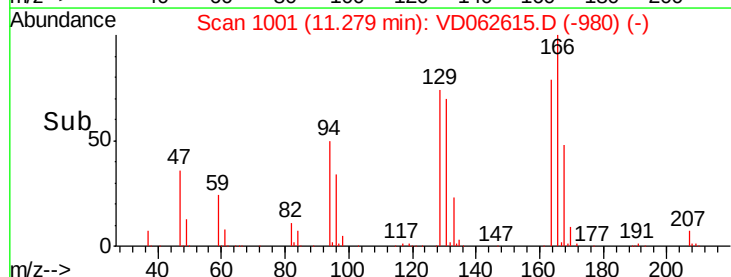
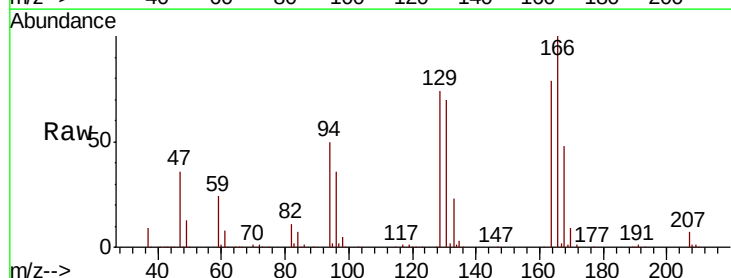
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC075

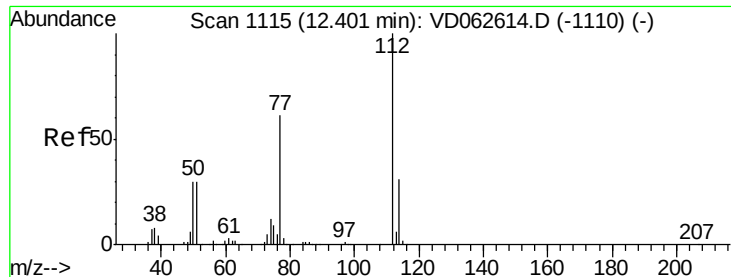
Tot Ion:117 Resp: 1011307
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.6
119 34.3 25.7 38.5



#64
Tetrachloroethene
Concen: 68.797 ug/l
RT: 11.28 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

Tgt Ion:164 Resp: 628347
Ion Ratio Lower Upper
164 100
166 126.3 102.6 153.8
129 93.0 70.3 105.5
131 88.7 65.0 97.6

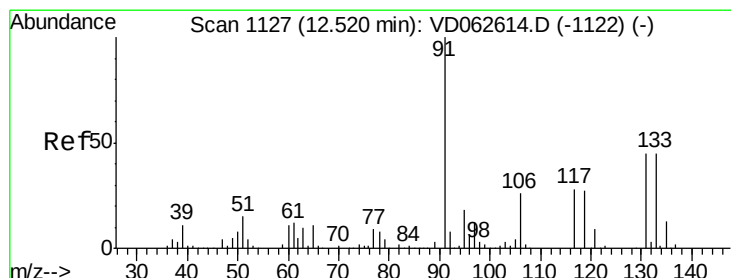
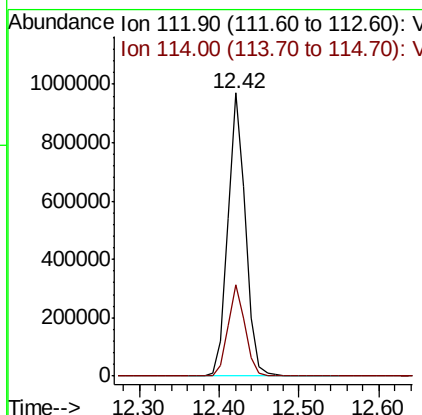
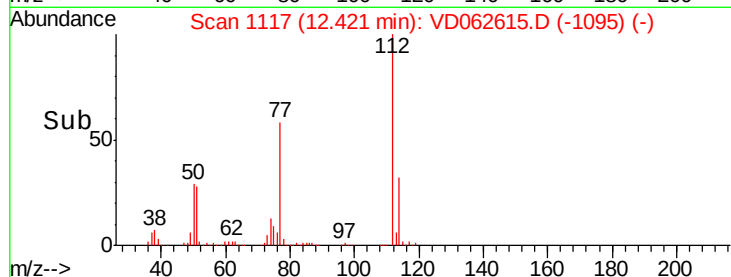
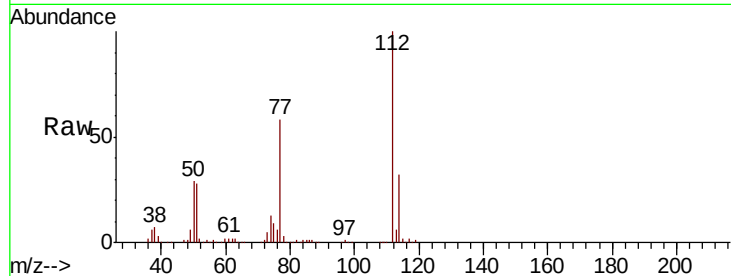




#65
Chlorobenzene
Concen: 71.718 ug/l
RT: 12.42 min Scan# 1117
Delta R.T. 0.02 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

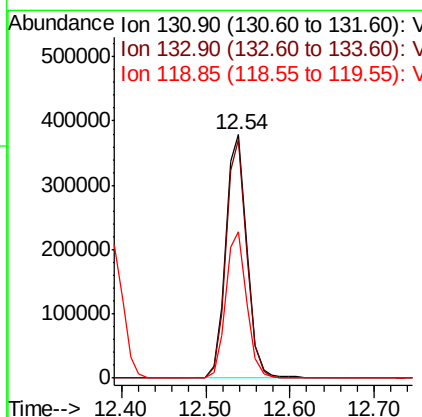
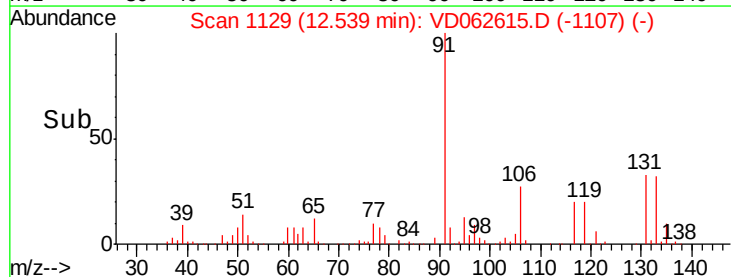
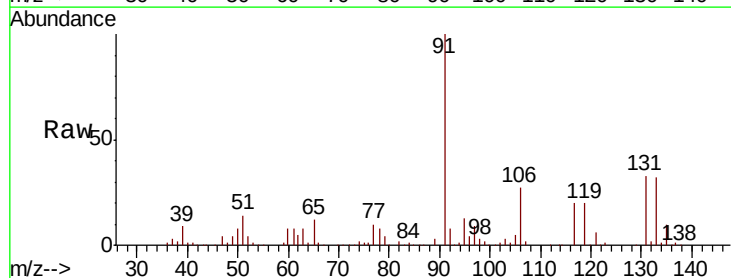
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC075

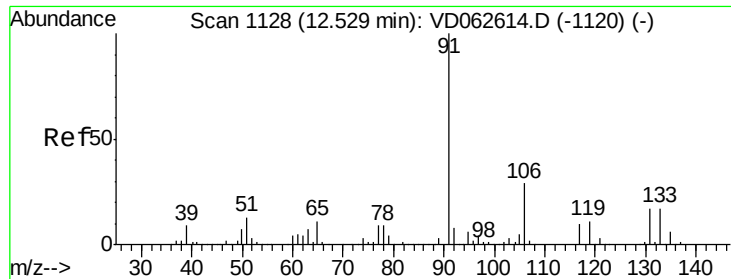
Tot Ion:112 Resp: 1507096
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 65.308 ug/l
RT: 12.54 min Scan# 1129
Delta R.T. 0.02 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

Tgt Ion:131 Resp: 659714
Ion Ratio Lower Upper
131 100
133 98.0 50.1 150.4
119 60.3 30.1 90.3

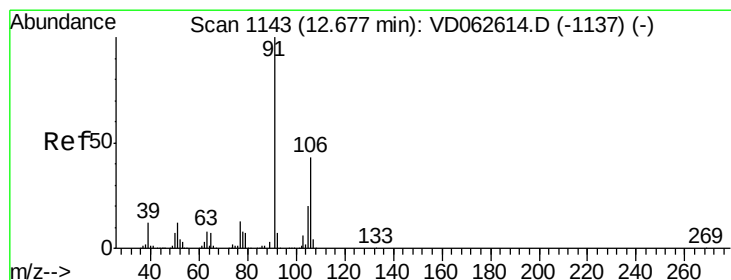
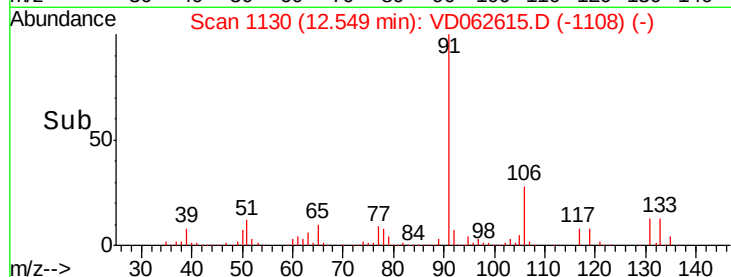
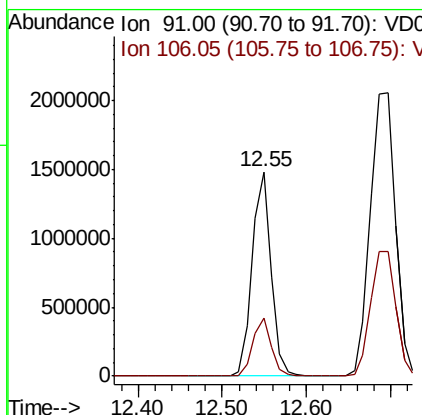
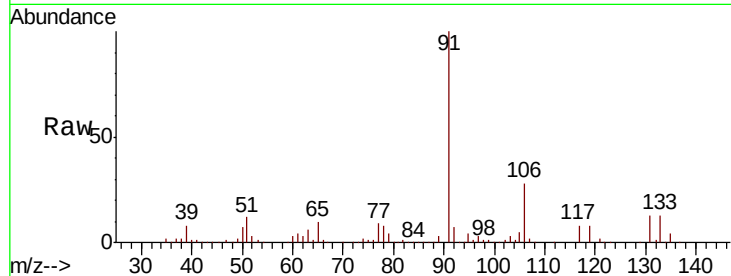




#67
Ethyl Benzene
Concen: 61.931 ug/l
RT: 12.55 min Scan# 1130
Delta R.T. 0.02 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

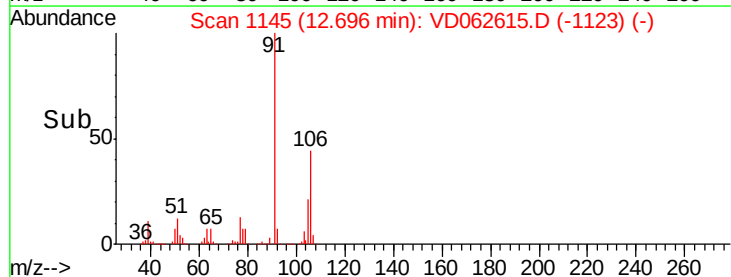
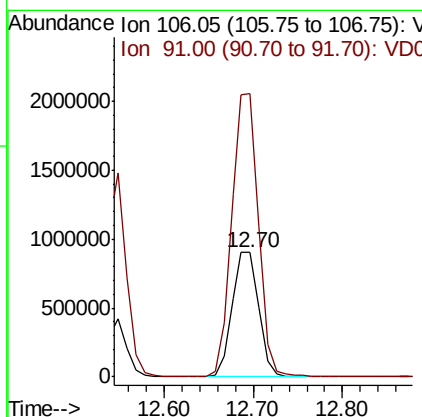
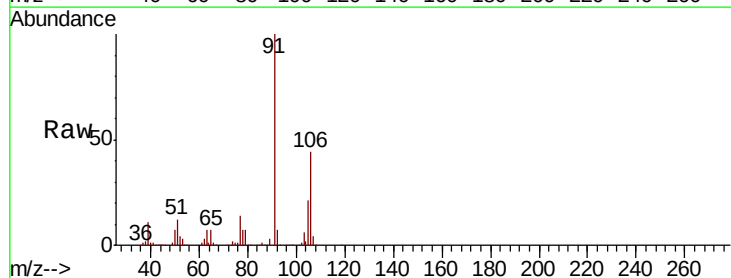
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC075

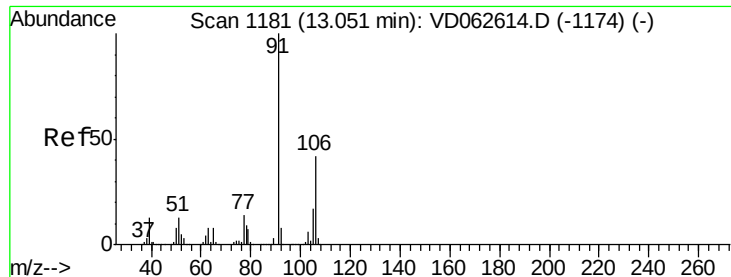
Tot Ion: 91 Resp: 2352236
Ion Ratio Lower Upper
91 100
106 28.3 23.0 34.4



#68
m/p-Xylenes
Concen: 142.991 ug/l
RT: 12.70 min Scan# 1145
Delta R.T. 0.02 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

Tgt Ion: 106 Resp: 1894404
Ion Ratio Lower Upper
106 100
91 227.3 184.1 276.1

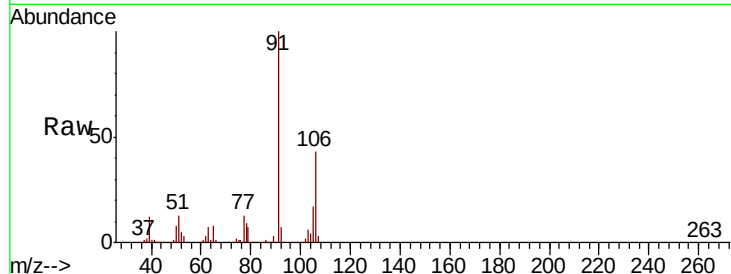




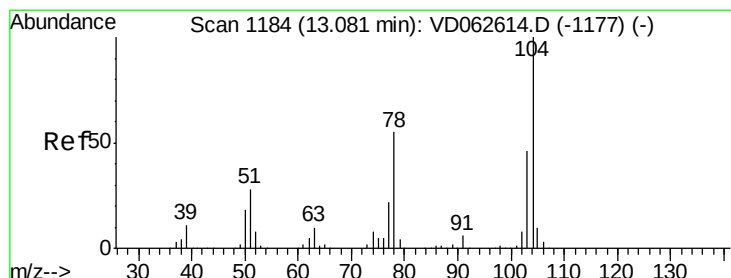
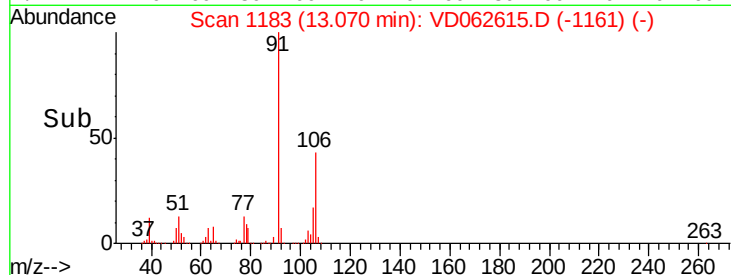
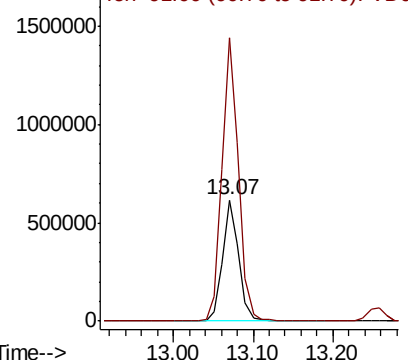
#69
o-Xylene
Concen: 68.135 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. 0.02 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC075

Tot Ion:106 Resp: 869755
Ion Ratio Lower Upper
106 100
91 233.5 118.8 356.5

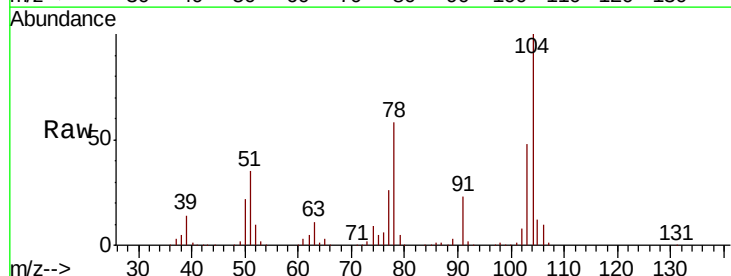


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

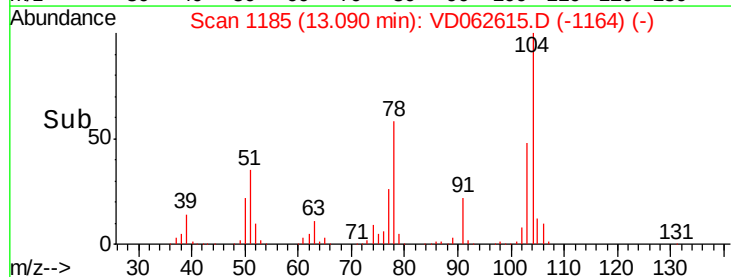
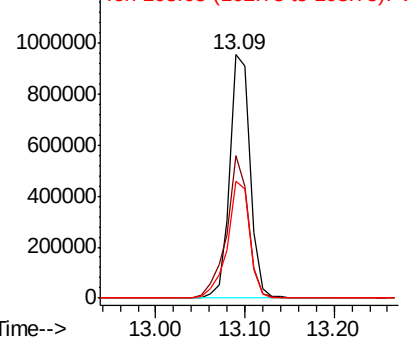


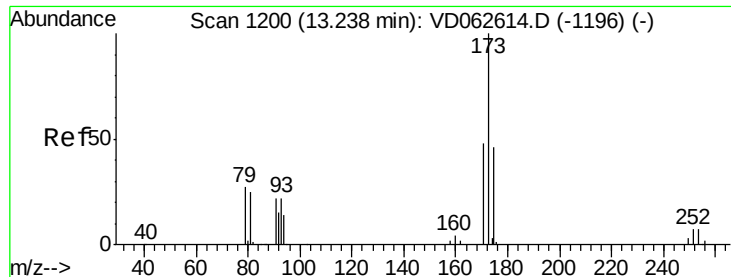
#70
Styrene
Concen: 70.319 ug/l
RT: 13.09 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

Tgt Ion:104 Resp: 1507973
Ion Ratio Lower Upper
104 100
78 58.3 43.8 65.8
103 48.0 36.6 54.8



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: 69.452 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. 0.02 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC075

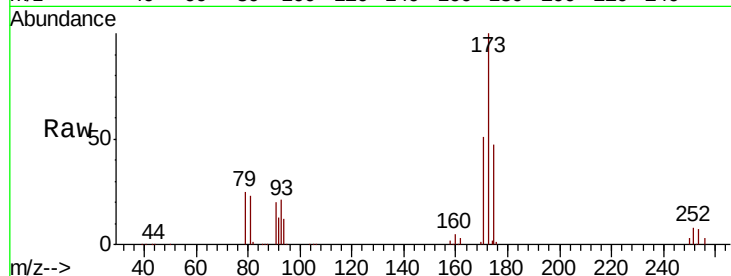
Tot Ion:173 Resp: 484556

Ion Ratio Lower Upper

173 100

175 46.9 23.2 69.5

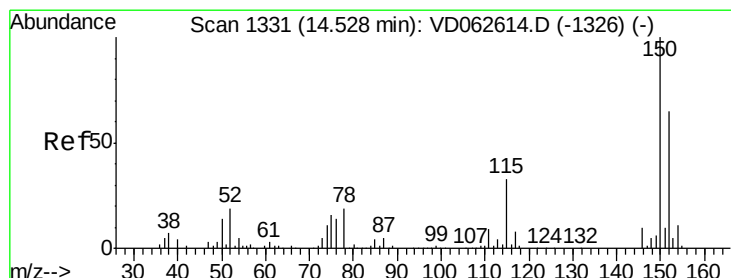
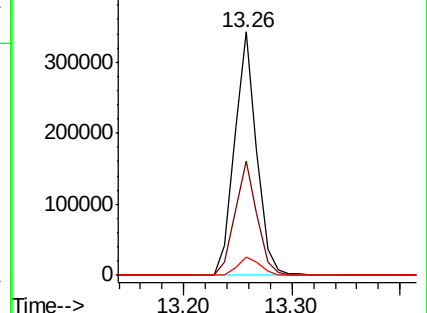
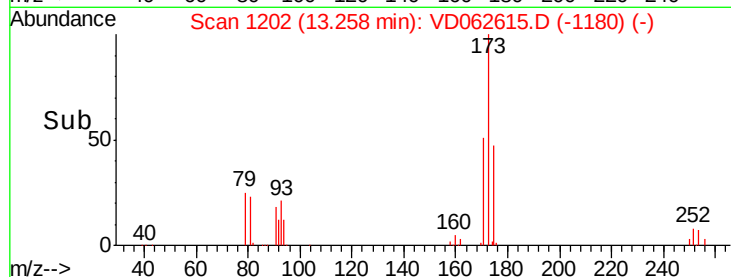
254 7.3 5.9 8.9



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: 14.54 min Scan# 1332

Delta R.T. 0.01 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

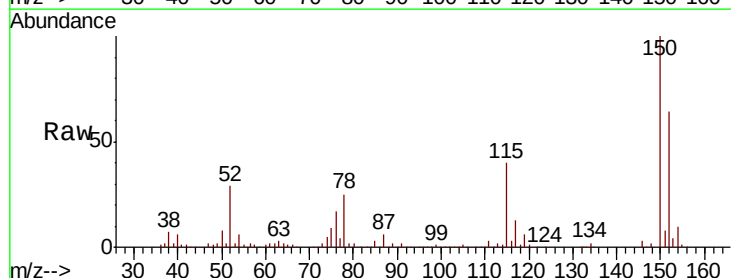
Tgt Ion:152 Resp: 528338

Ion Ratio Lower Upper

152 100

115 61.8 27.1 81.3

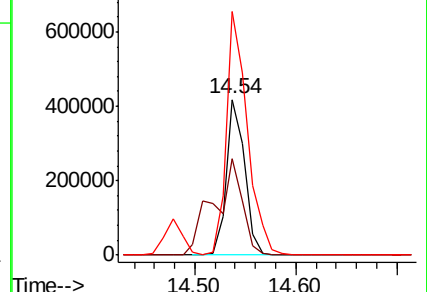
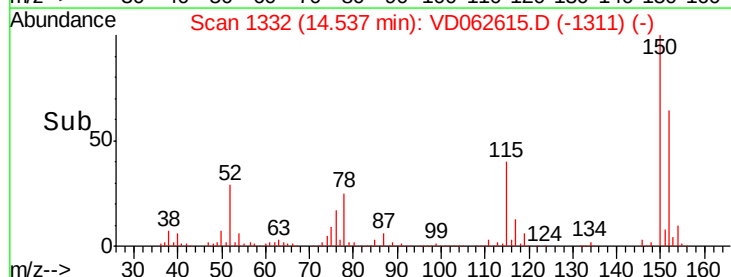
150 156.4 0.0 315.0

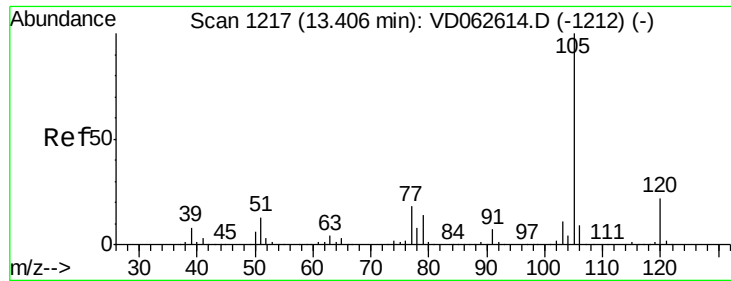


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 68.594 ug/l

RT: 13.42 min Scan# 1219

Delta R.T. 0.02 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

Instrument :

MSVOA_D

ClientSampleId :

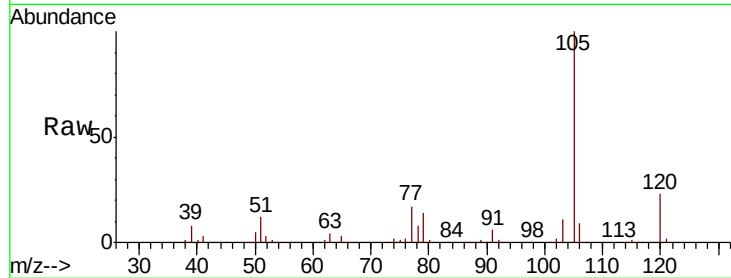
VSTDIC075

Tot Ion:105 Resp: 2519927

Ion Ratio Lower Upper

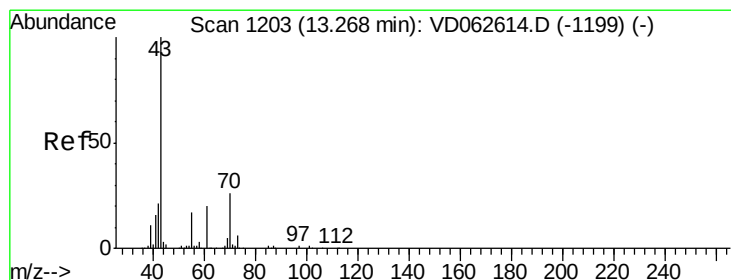
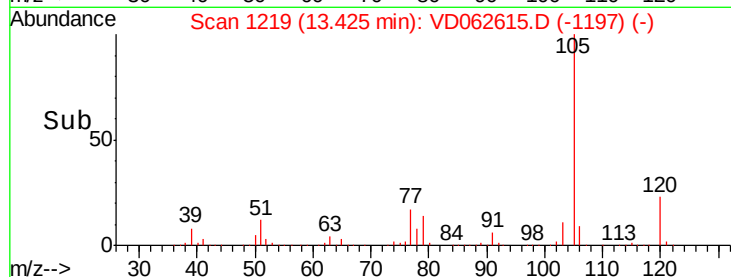
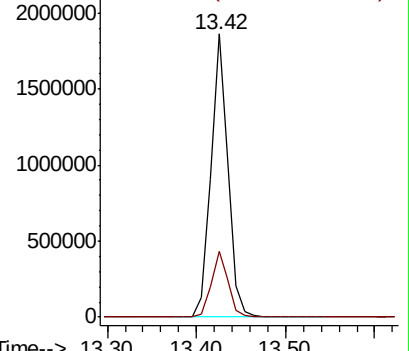
105 100

120 23.3 11.2 33.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 74.836 ug/l

RT: 13.29 min Scan# 1205

Delta R.T. 0.02 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

Tgt Ion: 43 Resp: 709884

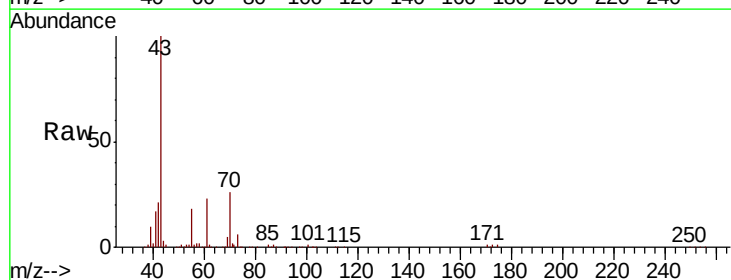
Ion Ratio Lower Upper

43 100

70 26.1 20.5 30.7

55 17.9 13.8 20.8

61 23.0 15.9 23.9

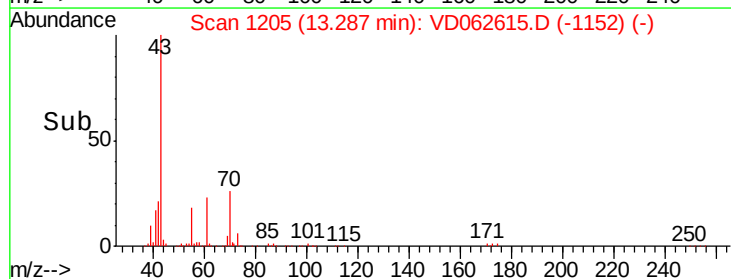
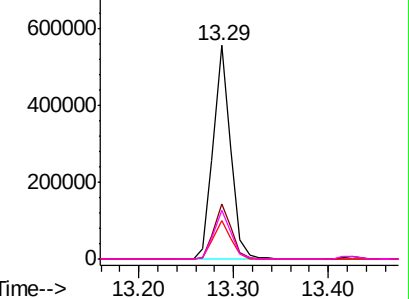


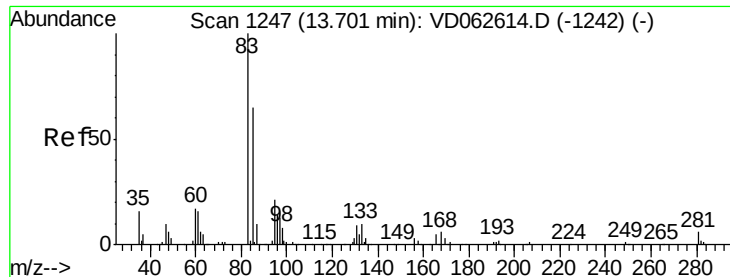
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 72.464 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. 0.02 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC075

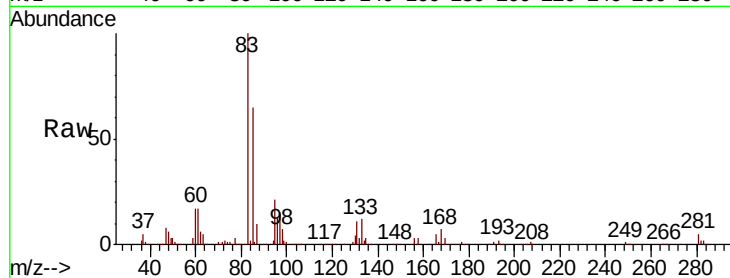
Tot Ion: 83 Resp: 446254

Ion	Ratio	Lower	Upper
83	100		
131	11.2	4.7	14.0
85	65.4	32.3	96.9

83 100

131 11.2 4.7 14.0

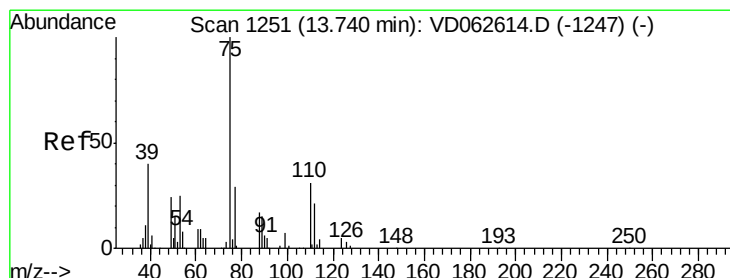
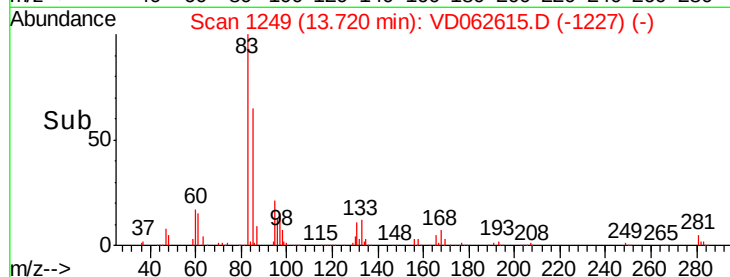
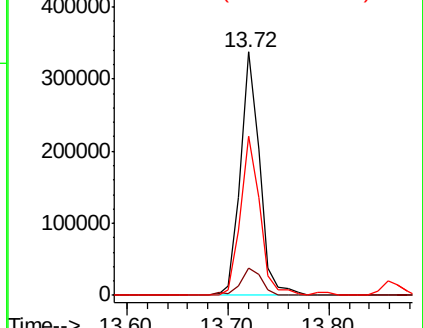
85 65.4 32.3 96.9



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: 73.418 ug/l

RT: 13.76 min Scan# 1253

Delta R.T. 0.02 min

Lab File: VD062615.D

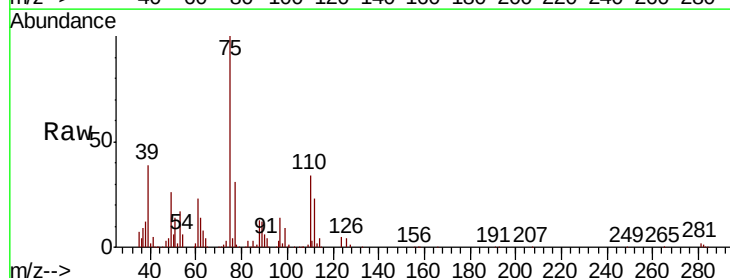
Acq: 5 Jun 2019 16:08

Tgt Ion: 75 Resp: 505992

Ion	Ratio	Lower	Upper
75	100		
77	31.3	16.7	50.1

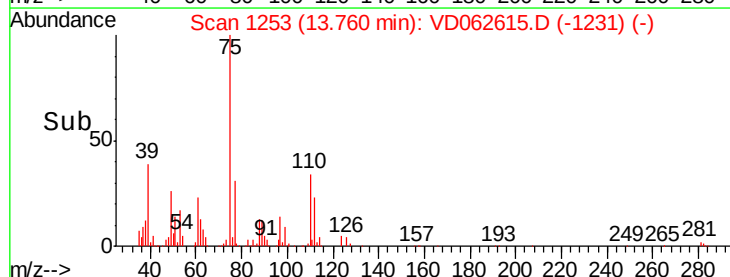
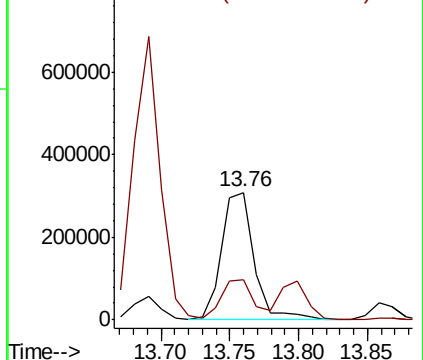
75 100

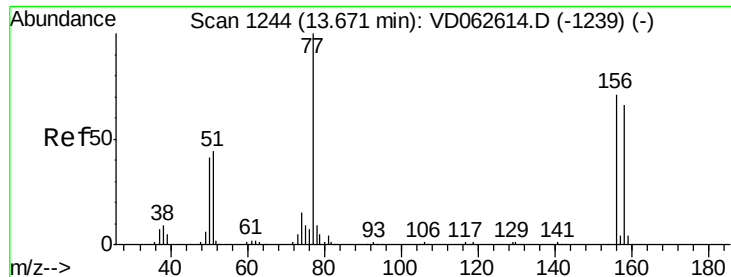
77 31.3 16.7 50.1



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 69.613 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. 0.02 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC075

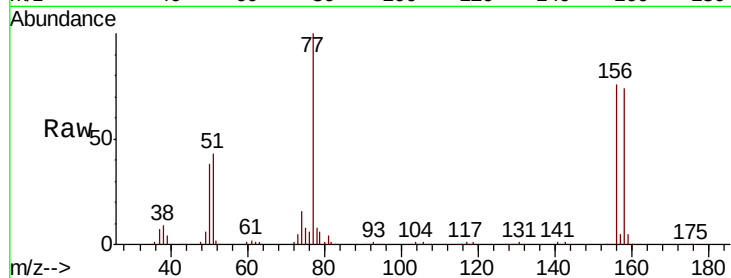
Tot Ion:156 Resp: 711332

Ion Ratio Lower Upper

156 100

77 131.8 70.5 211.5

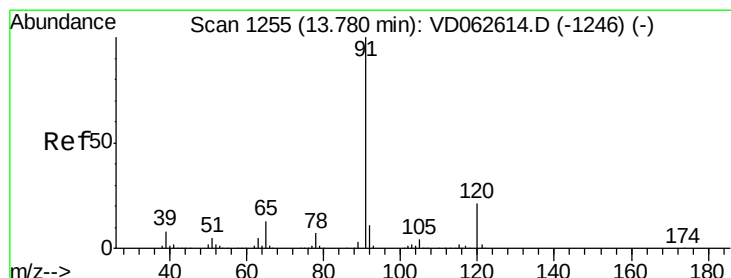
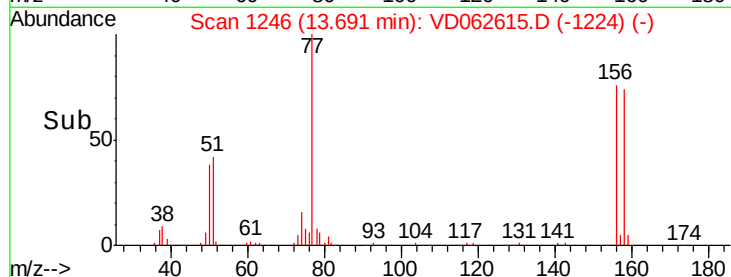
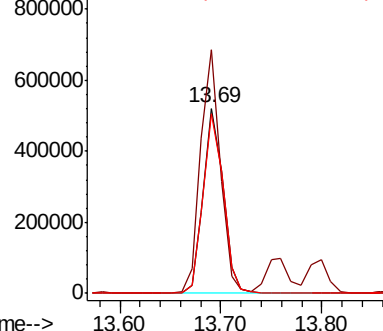
158 97.0 46.9 140.6



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: 69.194 ug/l

RT: 13.80 min Scan# 1257

Delta R.T. 0.02 min

Lab File: VD062615.D

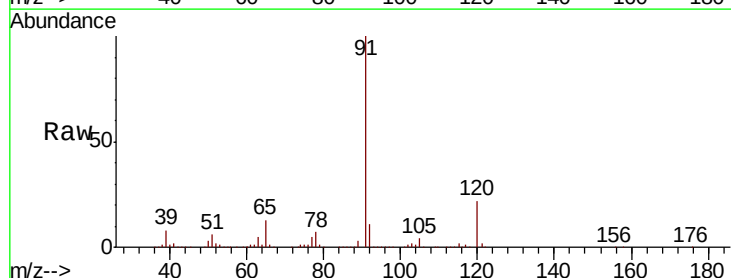
Acq: 5 Jun 2019 16:08

Tgt Ion: 91 Resp: 2948025

Ion Ratio Lower Upper

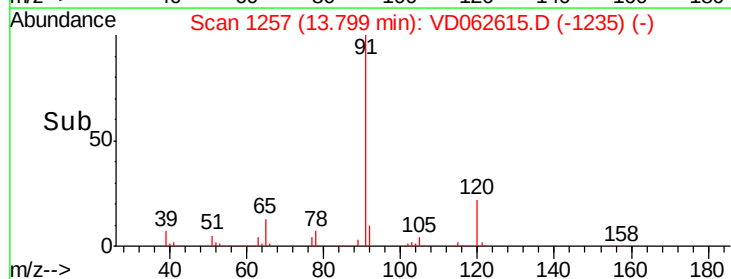
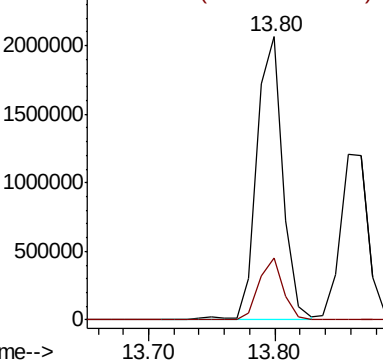
91 100

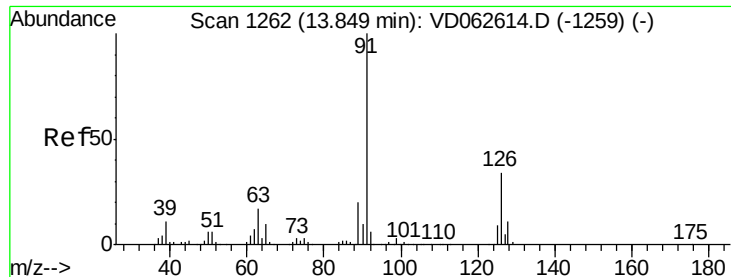
120 21.7 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

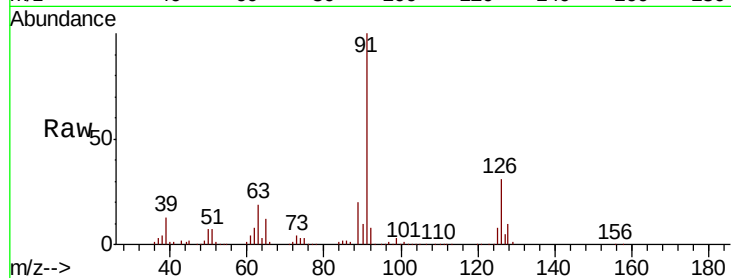




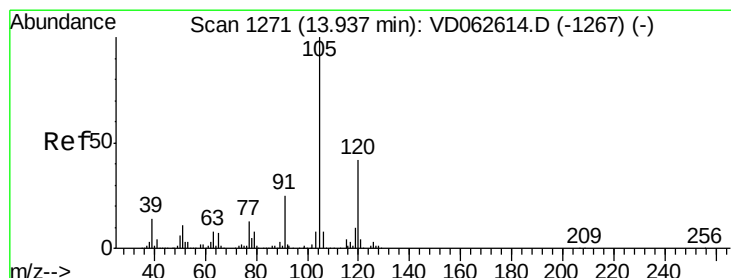
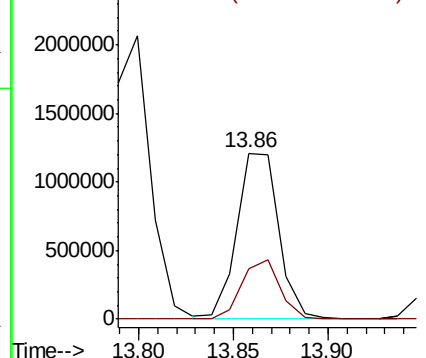
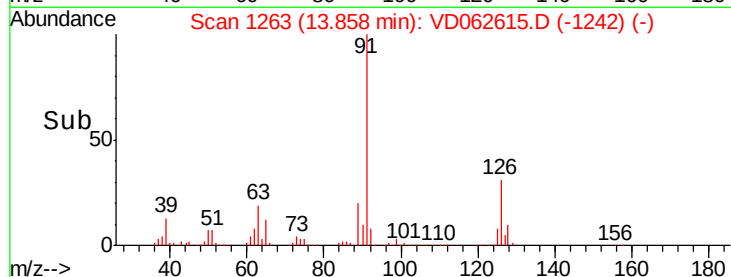
#79
 2-Chlorotoluene
 Concen: 70.640 ug/l
 RT: 13.86 min Scan# 1263
 Delta R.T. 0.01 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Tot Ion: 91 Resp: 1824613
 Ion Ratio Lower Upper
 91 100
 126 30.6 16.7 50.1

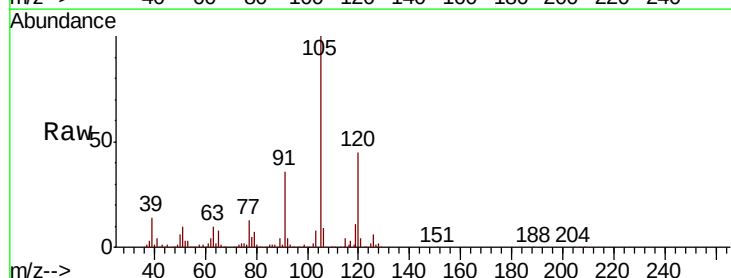


Abundance Ion 91.00 (90.70 to 91.70): VD062615.D (-1242) (-)
 Ion 125.95 (125.65 to 126.65): VD062615.D (-1242) (-)

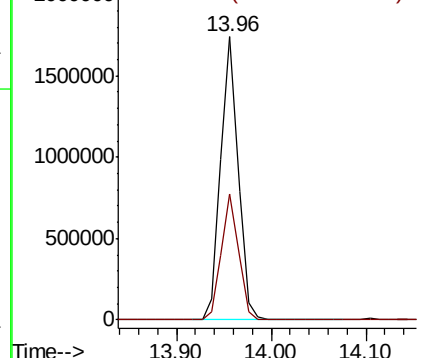
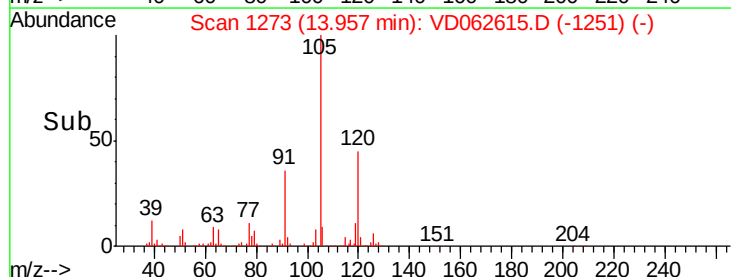


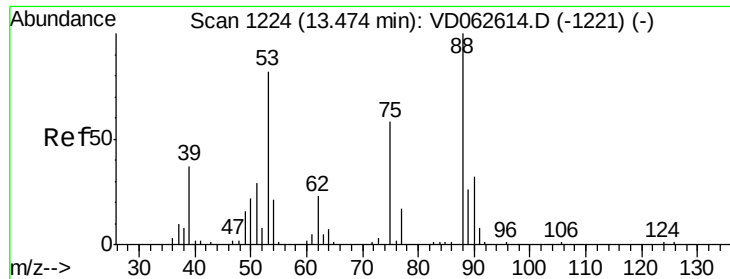
#80
 1,3,5-Trimethylbenzene
 Concen: 70.589 ug/l
 RT: 13.96 min Scan# 1273
 Delta R.T. 0.02 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

Tgt Ion: 105 Resp: 2231791
 Ion Ratio Lower Upper
 105 100
 120 44.7 21.1 63.4



Abundance Ion 105.05 (104.75 to 105.75): VD062615.D (-1251) (-)
 Ion 120.05 (119.75 to 120.75): VD062615.D (-1251) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 76.747 ug/l

RT: 13.49 min Scan# 1226

Delta R.T. 0.02 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC075

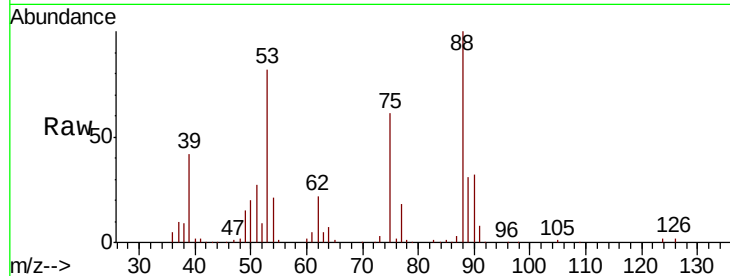
Tot Ion: 75 Resp: 135962

Ion Ratio Lower Upper

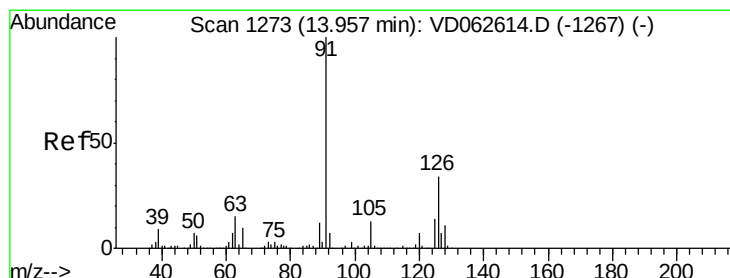
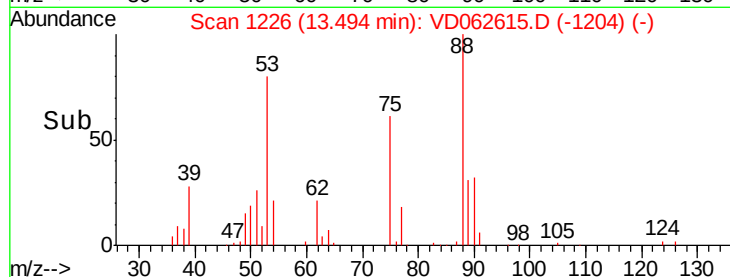
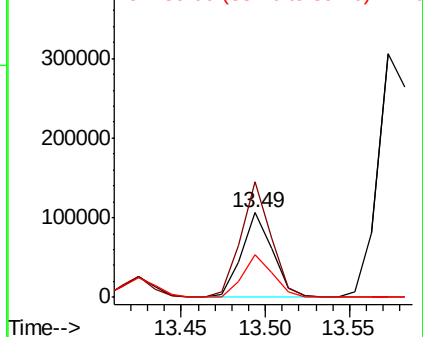
75 100

53 135.6 113.2 169.8

89 50.5 36.9 55.3



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: 70.093 ug/l

RT: 13.97 min Scan# 1274

Delta R.T. 0.01 min

Lab File: VD062615.D

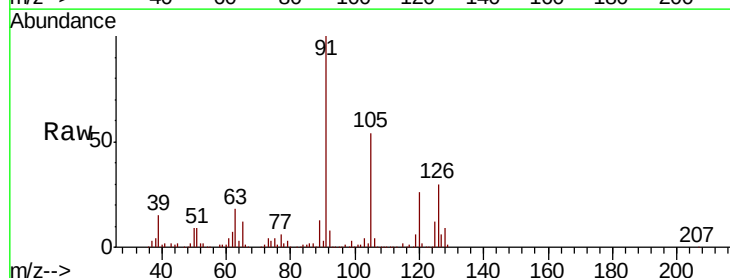
Acq: 5 Jun 2019 16:08

Tgt Ion: 91 Resp: 2130496

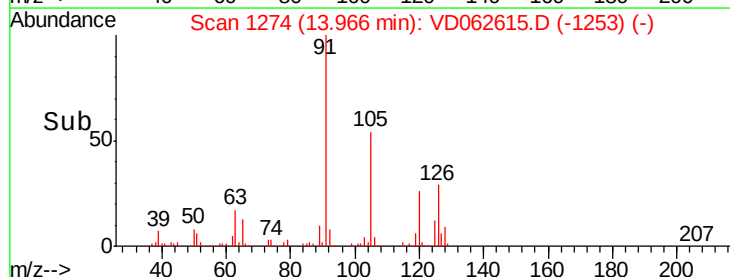
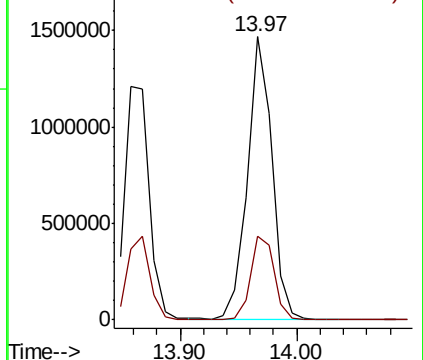
Ion Ratio Lower Upper

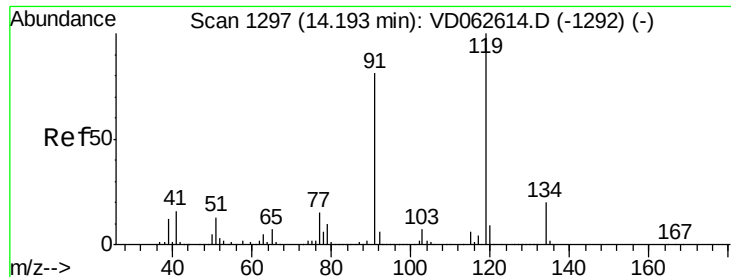
91 100

126 29.7 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V

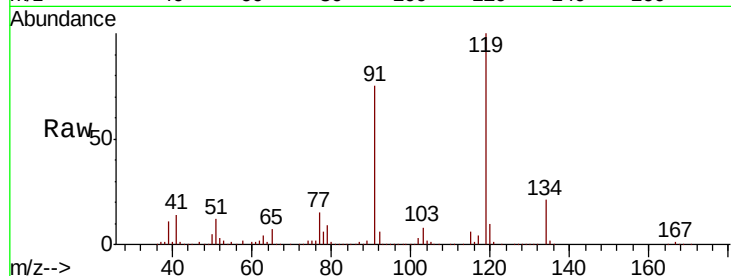




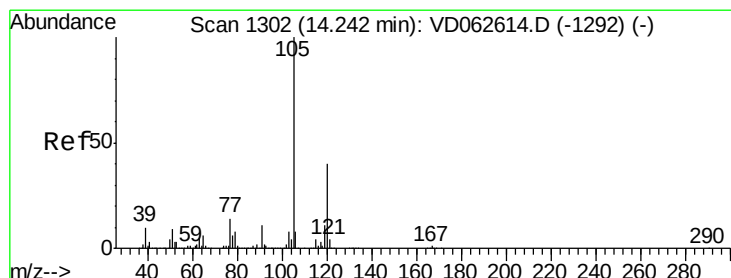
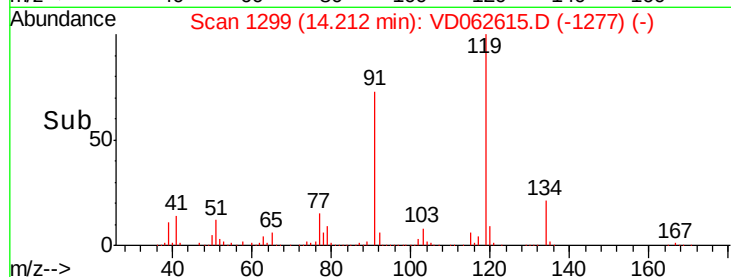
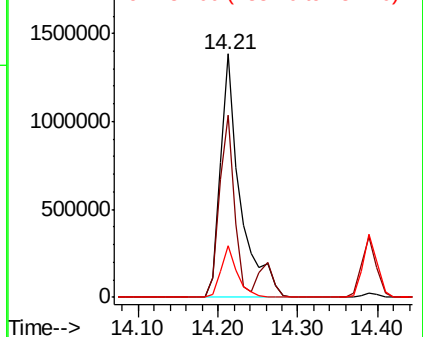
#83
 tert-Butylbenzene
 Concen: 69.862 ug/l
 RT: 14.21 min Scan# 1299
 Delta R.T. 0.02 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Tot Ion:119 Resp: 2432148
 Ion Ratio Lower Upper
 119 100
 91 75.1 40.8 122.2
 134 21.2 10.3 30.8

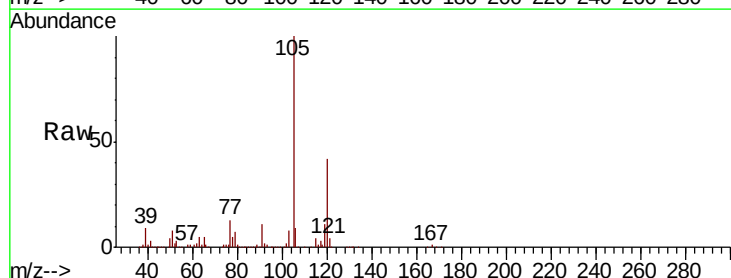


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

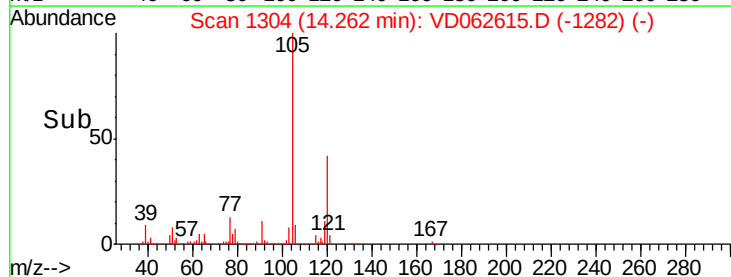
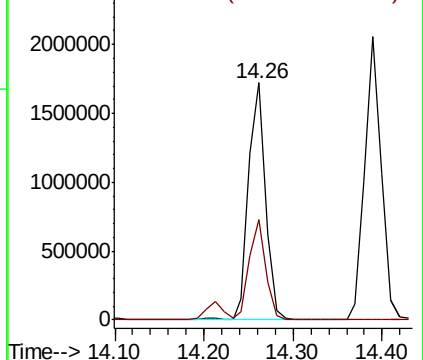


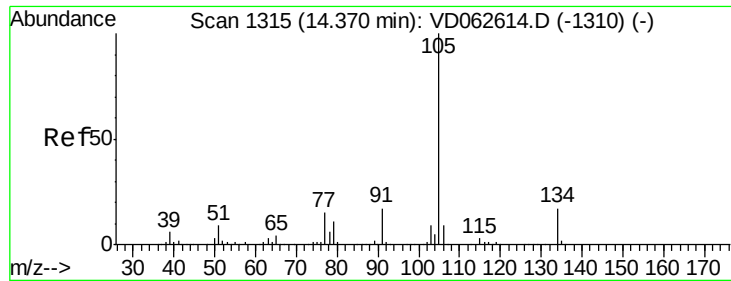
#84
 1,2,4-Trimethylbenzene
 Concen: 69.912 ug/l
 RT: 14.26 min Scan# 1304
 Delta R.T. 0.02 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

Tgt Ion:105 Resp: 2262453
 Ion Ratio Lower Upper
 105 100
 120 42.2 19.9 59.7



Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V

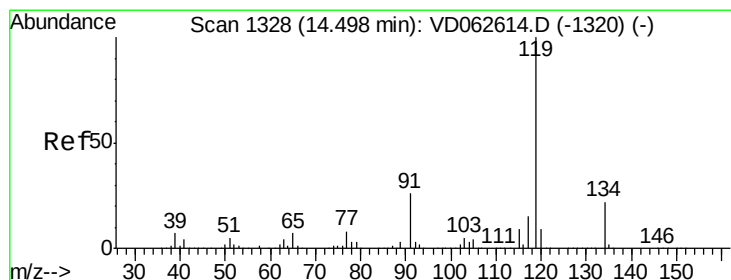
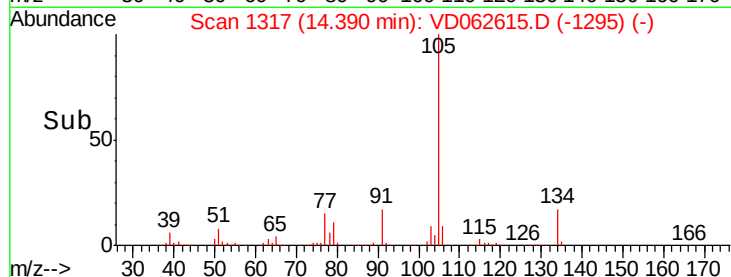
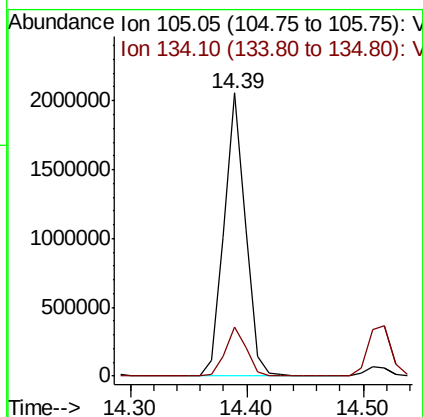
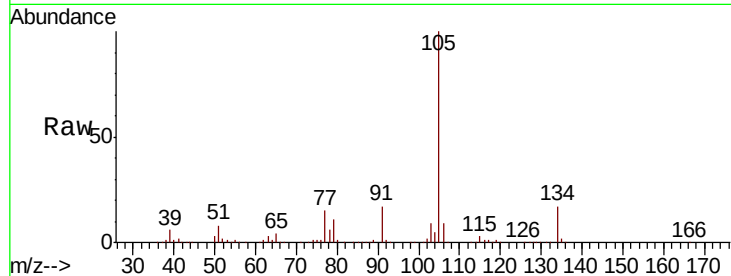




#85
 sec-Butylbenzene
 Concen: 72.791 ug/l
 RT: 14.39 min Scan# 1317
 Delta R.T. 0.02 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

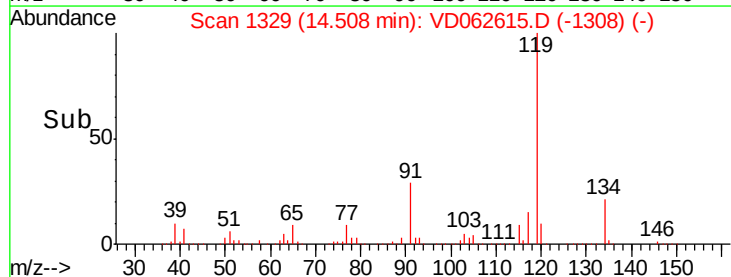
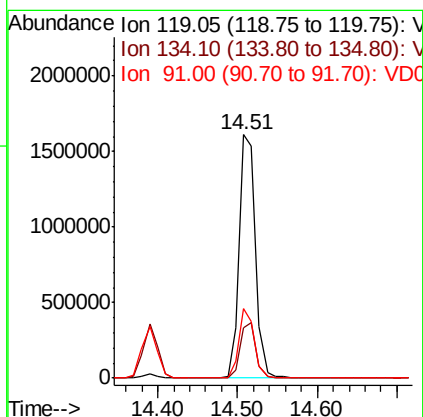
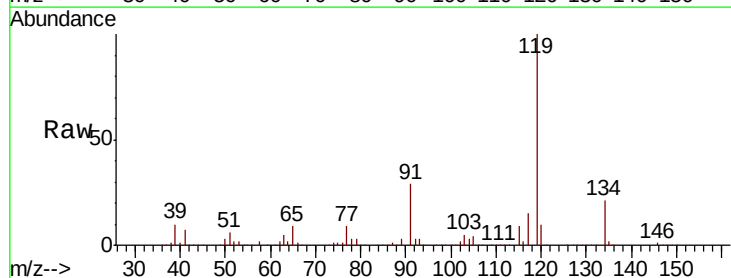
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

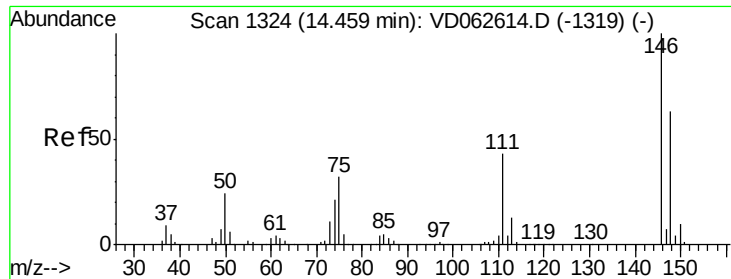
Tot Ion:105 Resp: 2611121
 Ion Ratio Lower Upper
 105 100
 134 17.3 8.3 24.8



#86
 p-Isopropyltoluene
 Concen: 66.810 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

Tgt Ion:119 Resp: 2304094
 Ion Ratio Lower Upper
 119 100
 134 20.8 11.2 33.5
 91 28.6 13.3 39.8

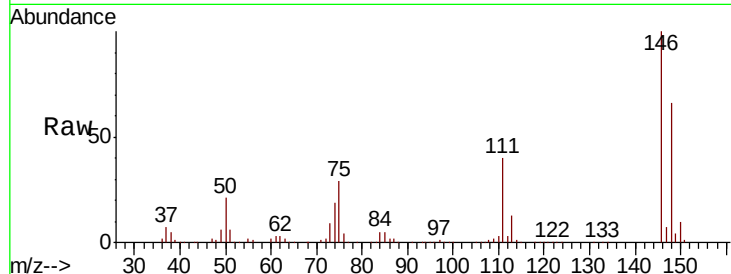




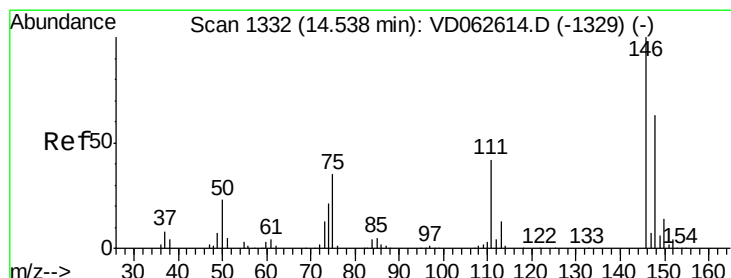
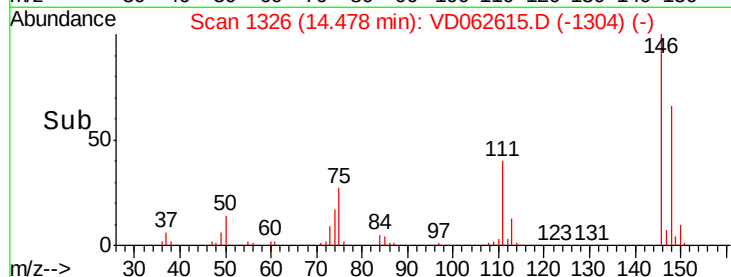
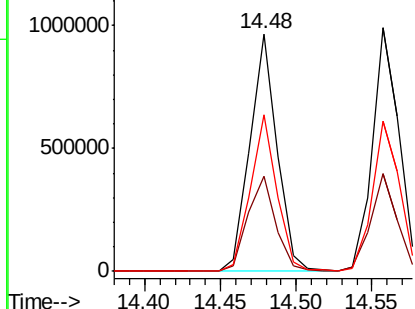
#87
 1,3-Dichlorobenzene
 Concen: 70.195 ug/l
 RT: 14.48 min Scan# 1326
 Delta R.T. 0.02 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Tot Ion:146 Resp: 1203848
 Ion Ratio Lower Upper
 146 100
 111 40.3 21.6 64.6
 148 66.2 31.3 93.8

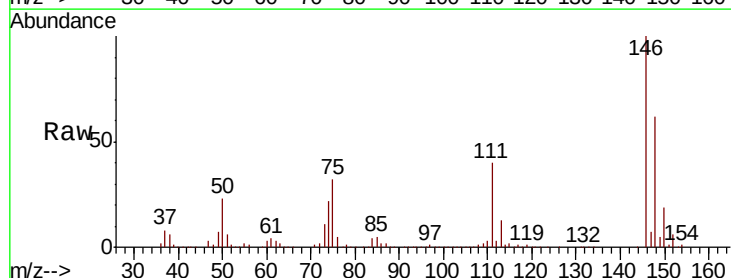


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

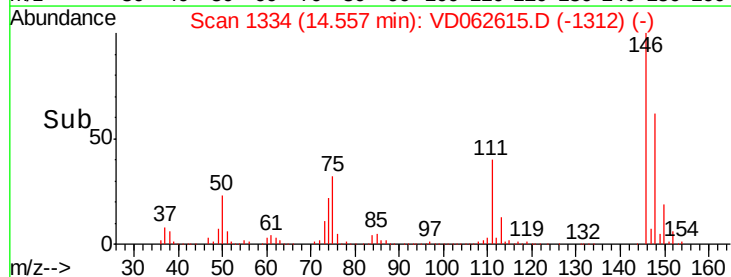
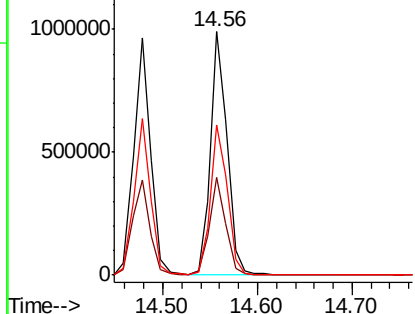


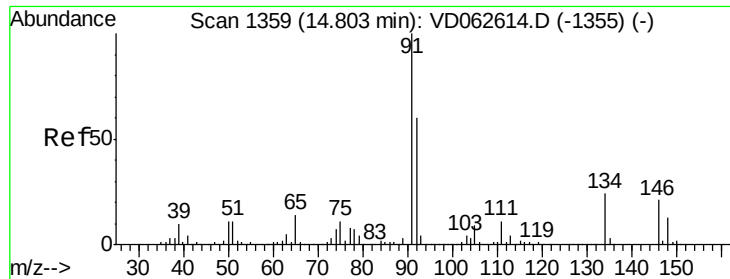
#88
 1,4-Dichlorobenzene
 Concen: 70.358 ug/l
 RT: 14.56 min Scan# 1334
 Delta R.T. 0.02 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

Tgt Ion:146 Resp: 1222039
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.9 62.8
 148 61.9 31.5 94.5



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

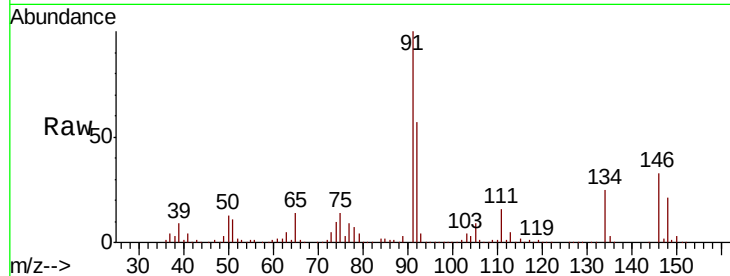




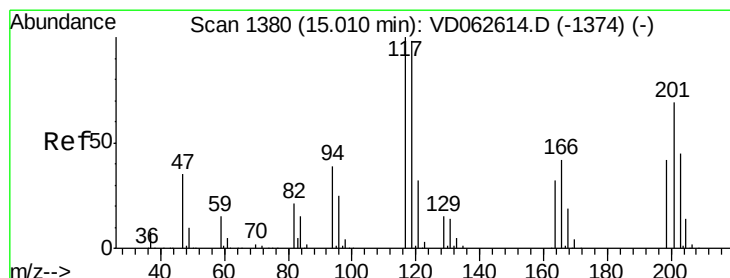
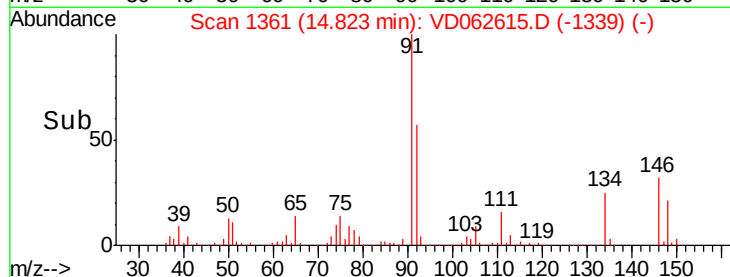
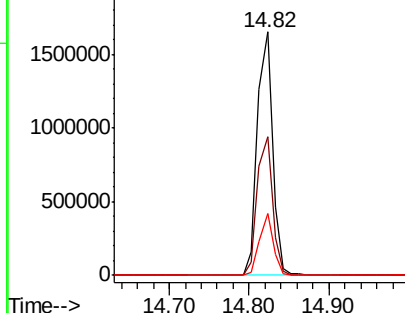
#89
n-Butylbenzene
Concen: 66.689 ug/l
RT: 14.82 min Scan# 1361
Delta R.T. 0.02 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC075

Tot Ion: 91 Resp: 2138524
Ion Ratio Lower Upper
91 100
92 57.0 29.9 89.7
134 25.5 12.1 36.3

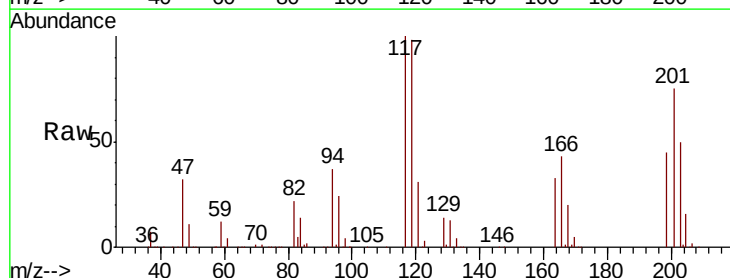


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.10 (133.80 to 134.80): V

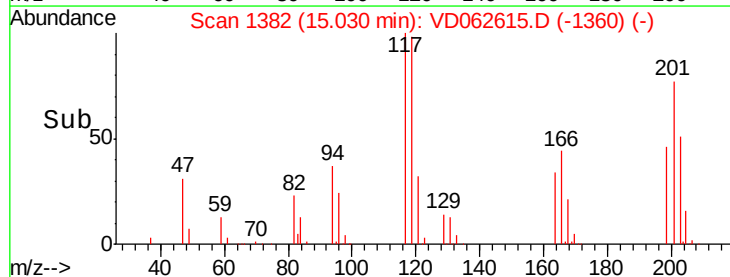
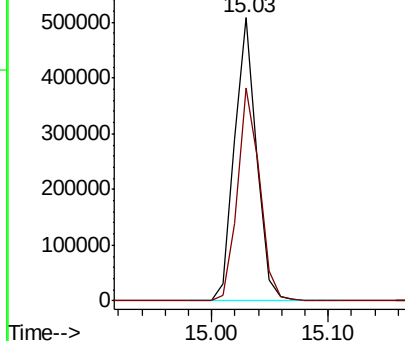


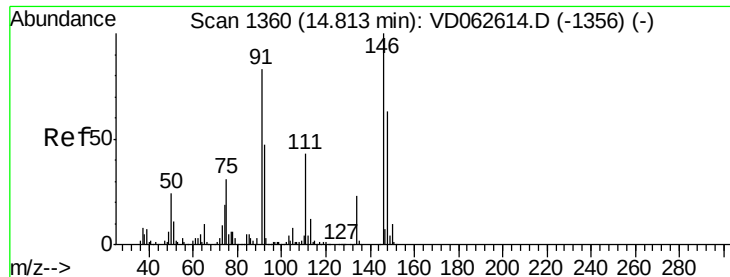
#90
Hexachloroethane
Concen: 73.222 ug/l
RT: 15.03 min Scan# 1382
Delta R.T. 0.02 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

Tgt Ion: 117 Resp: 664617
Ion Ratio Lower Upper
117 100
201 75.2 34.4 103.3



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 200.75 (200.45 to 201.45): V





#91

1,2-Dichlorobenzene

Concen: 65.369 ug/l

RT: 14.83 min Scan# 1362

Delta R.T. 0.02 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC075

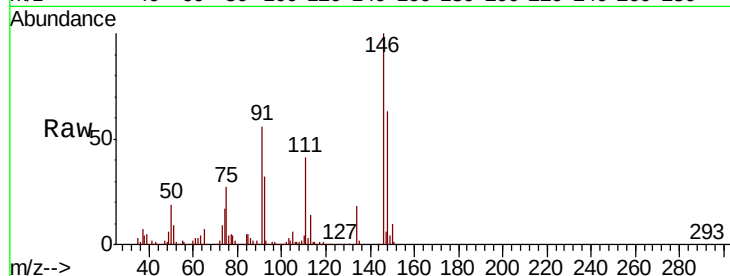
Tot Ion:146 Resp: 1035171

Ion Ratio Lower Upper

146 100

111 40.9 21.3 64.0

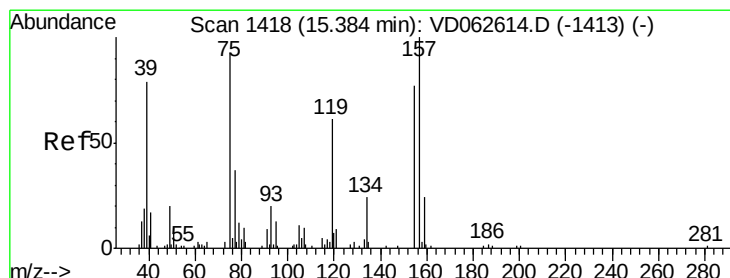
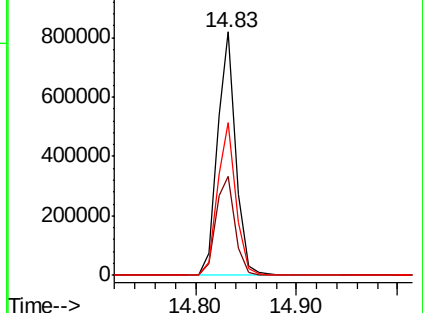
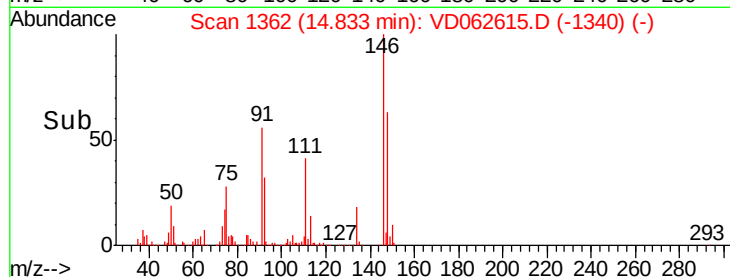
148 62.9 31.4 94.3



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: 70.825 ug/l

RT: 15.40 min Scan# 1420

Delta R.T. 0.02 min

Lab File: VD062615.D

Acq: 5 Jun 2019 16:08

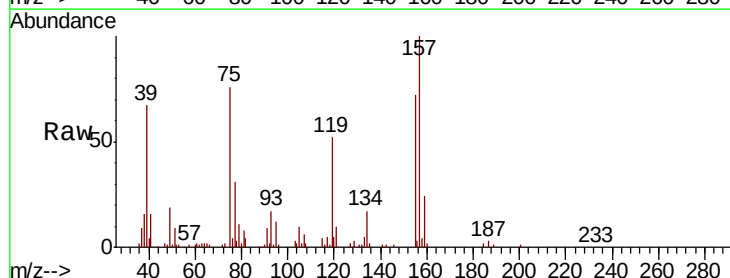
Tgt Ion: 75 Resp: 89221

Ion Ratio Lower Upper

75 100

155 94.1 41.6 124.8

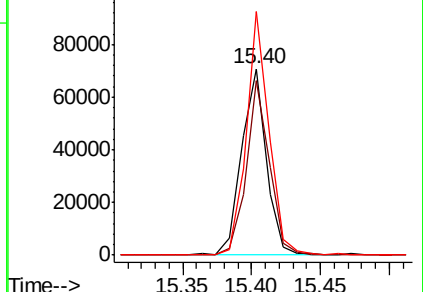
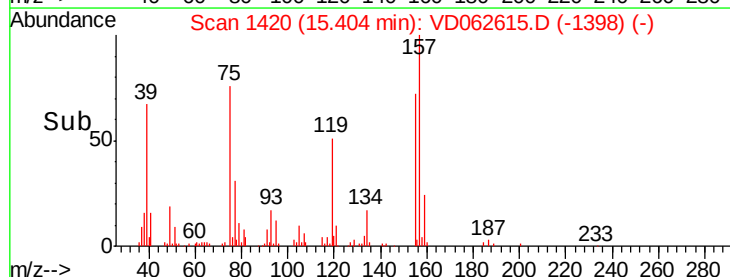
157 130.8 53.8 161.2

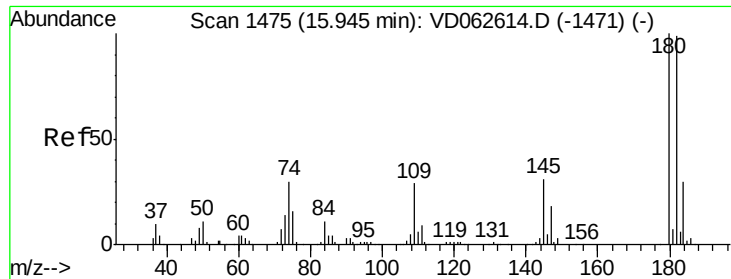


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

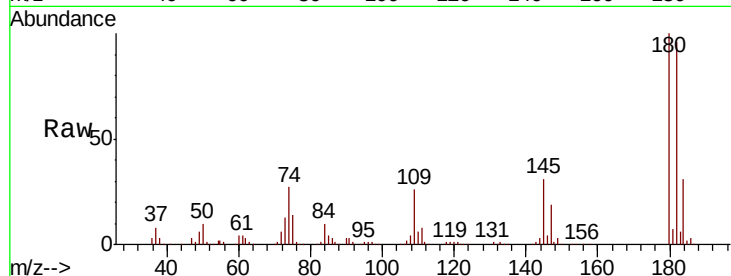




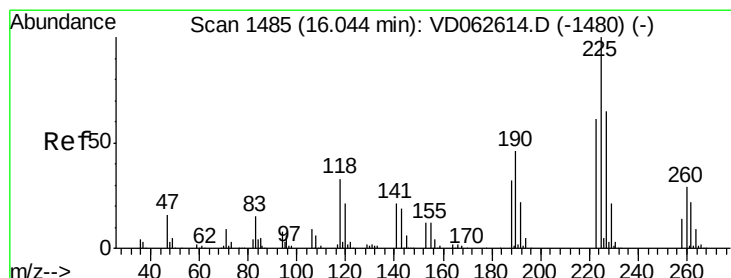
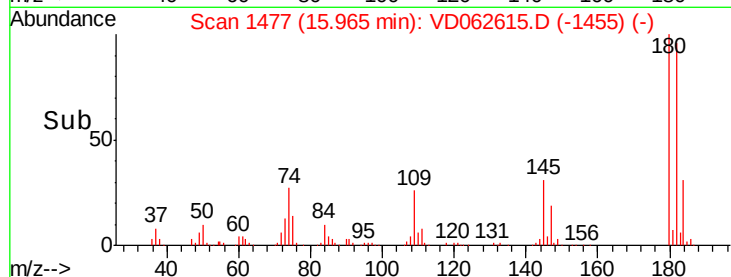
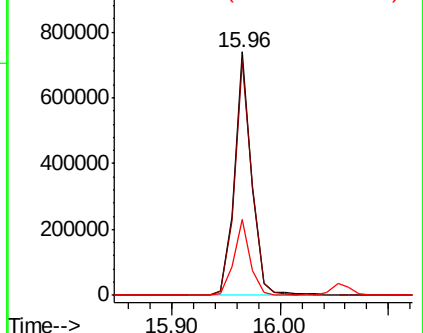
#93
 1,2,4-Trichlorobenzene
 Concen: 71.957 ug/l
 RT: 15.96 min Scan# 1477
 Delta R.T. 0.02 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Tot Ion:180 Resp: 818753
 Ion Ratio Lower Upper
 180 100
 182 96.2 49.3 147.8
 145 31.4 15.7 47.1

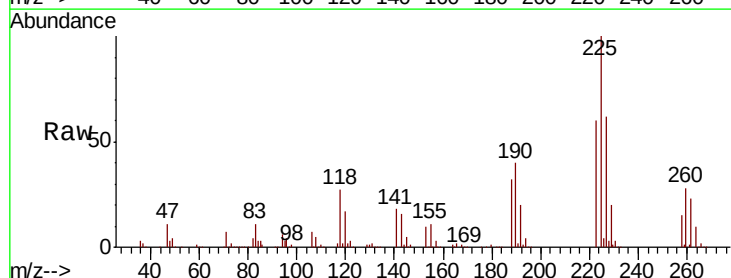


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

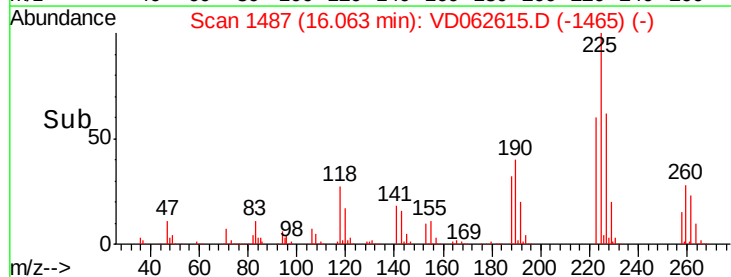
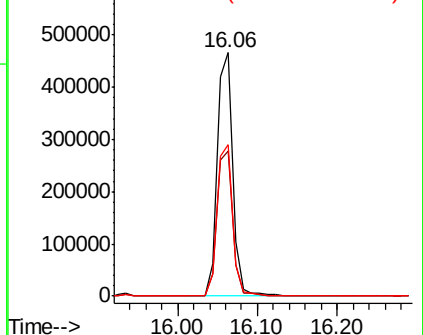


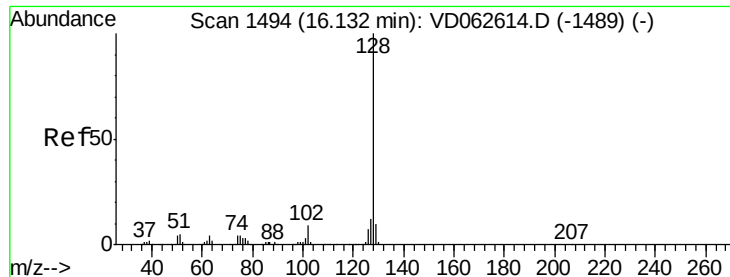
#94
 Hexachlorobutadiene
 Concen: 75.567 ug/l
 RT: 16.06 min Scan# 1487
 Delta R.T. 0.02 min
 Lab File: VD062615.D
 Acq: 5 Jun 2019 16:08

Tgt Ion:225 Resp: 644944
 Ion Ratio Lower Upper
 225 100
 223 59.6 30.3 91.0
 227 62.3 32.4 97.0



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

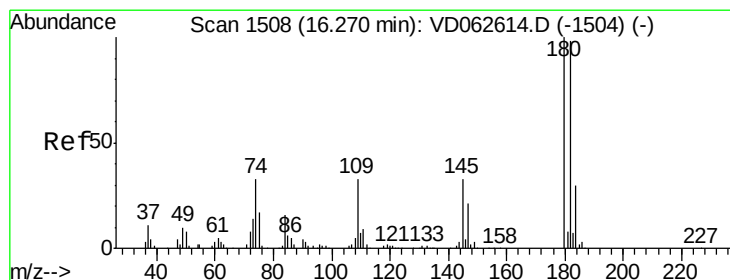
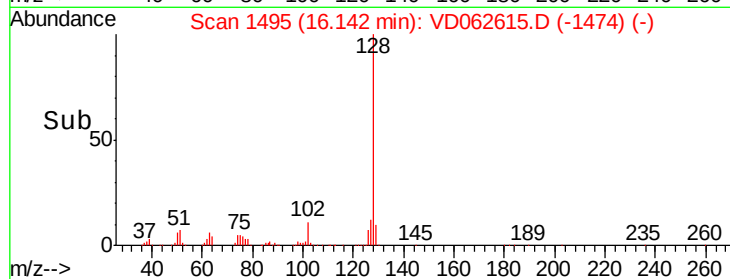
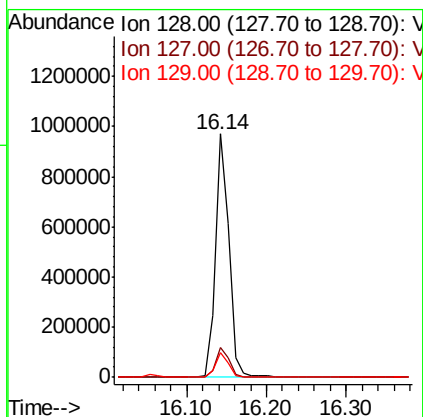
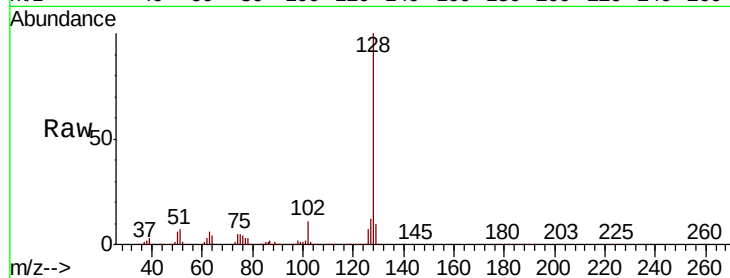




#95
Naphthalene
Concen: 71.635 ug/l
RT: 16.14 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC075

Tot Ion:128 Resp: 1167190
Ion Ratio Lower Upper
128 100
127 12.4 9.4 14.2
129 10.2 8.0 12.0



#96
1,2,3-Trichlorobenzene
Concen: 71.019 ug/l
RT: 16.29 min Scan# 1510
Delta R.T. 0.02 min
Lab File: VD062615.D
Acq: 5 Jun 2019 16:08

Tgt Ion:180 Resp: 617914
Ion Ratio Lower Upper
180 100
182 97.4 49.1 147.3
145 32.7 16.6 49.7

