

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061019\
 Data File : VD062664.D
 Acq On : 10 Jun 2019 20:05
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 11 05:12:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	687249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	906639	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	775172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	437776	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.45	65	541952	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
35) Dibromofluoromethane	6.92	113	557828	58.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.68%	
50) Toluene-d8	10.42	98	1202060	59.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.52%	
62) 4-Bromofluorobenzene	13.56	95	552662	58.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	386223	48.249	ug/l	99
3) Chloromethane	1.74	50	368871	54.245	ug/l	97
4) Vinyl Chloride	1.84	62	367429	52.400	ug/l	94
5) Bromomethane	2.15	94	200295	56.589	ug/l	95
6) Chloroethane	2.26	64	170034	49.115	ug/l	91
7) Trichlorofluoromethane	2.53	101	822943	52.434	ug/l	98
8) Diethyl Ether	2.86	74	121584	56.957	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.14	101	484117	57.195	ug/l	96
10) Methyl Iodide	3.30	142	523586	43.205	ug/l	91
11) Tert butyl alcohol	4.08	59	118475	290.639	ug/l #	86
12) 1,1-Dichloroethene	3.12	96	344185	56.662	ug/l	99
13) Acrolein	3.03	56	29669	226.266	ug/l	96
14) Allyl chloride	3.61	41	517225	55.378	ug/l	94
15) Acrylonitrile	4.19	53	288501	311.449	ug/l	98
16) Acetone	3.22	43	547412	301.446	ug/l	93
17) Carbon Disulfide	3.37	76	1044353	58.343	ug/l	99
18) Methyl Acetate	3.63	43	164559	55.140	ug/l	97
19) Methyl tert-butyl Ether	4.23	73	862138	58.194	ug/l	97
20) Methylene Chloride	3.81	84	361723	52.745	ug/l	95
21) trans-1,2-Dichloroethene	4.20	96	381027	57.185	ug/l	90
22) Diisopropyl ether	5.12	45	1174124	60.543	ug/l	95
23) Vinyl Acetate	5.05	43	3677232	305.640	ug/l	98
24) 1,1-Dichloroethane	4.98	63	727612	58.321	ug/l	97
25) 2-Butanone	6.07	43	531995	300.288	ug/l	96
26) 2,2-Dichloropropane	6.02	77	784101	54.532	ug/l	99
27) cis-1,2-Dichloroethene	6.03	96	436600	60.444	ug/l	93
28) Bromochloromethane	6.44	49	291357	61.093	ug/l	89
29) Tetrahydrofuran	6.46	42	252414	316.383	ug/l	98
30) Chloroform	6.66	83	884018	55.227	ug/l	97
31) Cyclohexane	6.95	56	465374	59.464	ug/l	94
32) 1,1,1-Trichloroethane	6.87	97	916370	57.533	ug/l	97
36) 1,1-Dichloropropene	7.15	75	594547	57.298	ug/l	97
37) Ethyl Acetate	6.17	43	262037	59.005	ug/l #	88
38) Carbon Tetrachloride	7.11	117	960705	58.576	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061019\
 Data File : VD062664.D
 Acq On : 10 Jun 2019 20:05
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Jun 11 05:12:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	508503	60.643	ug/l	94
40) Benzene	7.45	78	1185986	58.526	ug/l	96
41) Methacrylonitrile	6.45	41	336470	61.944	ug/l	92
42) 1,2-Dichloroethane	7.58	62	689964	57.125	ug/l	98
43) Isopropyl Acetate	9.24	43	346378	63.265	ug/l	91
44) Trichloroethene	8.54	130	480170	58.367	ug/l	93
45) 1,2-Dichloropropane	8.94	63	296344	60.883	ug/l	99
46) Dibromomethane	9.06	93	265752	61.509	ug/l	99
47) Bromodichloromethane	9.37	83	715931	60.914	ug/l	98
48) Methyl methacrylate	9.12	41	238065	60.187	ug/l	93
49) 1,4-Dioxane	9.08	88	40859	1147.830	ug/l	95
51) 4-Methyl-2-Pentanone	10.30	43	1190188	310.672	ug/l	99
52) Toluene	10.50	92	825794	60.625	ug/l	97
53) t-1,3-Dichloropropene	10.92	75	608522	63.149	ug/l	99
54) cis-1,3-Dichloropropene	10.04	75	628298	63.086	ug/l	93
55) 1,1,2-Trichloroethane	11.19	97	289002	61.867	ug/l	96
56) Ethyl methacrylate	11.05	69	328258	57.666	ug/l	96
57) 1,3-Dichloropropane	11.41	76	468791	64.749	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.85	63	736215	294.876	ug/l	99
59) 2-Hexanone	11.53	43	878246	308.184	ug/l	98
60) Dibromochloromethane	11.69	129	571823	62.011	ug/l	98
61) 1,2-Dibromoethane	11.80	107	360959	64.563	ug/l	96
64) Tetrachloroethene	11.26	164	438773	60.466	ug/l	95
65) Chlorobenzene	12.40	112	1066975	62.227	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.51	131	499354	61.063	ug/l	98
67) Ethyl Benzene	12.52	91	1783397	58.663	ug/l	97
68) m/p-Xylenes	12.67	106	1324718	123.949	ug/l	100
69) o-Xylene	13.05	106	610866	62.235	ug/l	92
70) Styrene	13.07	104	1002927	57.265	ug/l	92
71) Bromoform	13.23	173	348601	55.252	ug/l	98
73) Isopropylbenzene	13.41	105	1981581	64.219	ug/l	97
74) N-amyl acetate	13.26	43	476831	57.179	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.70	83	324770	61.512	ug/l	96
76) 1,2,3-Trichloropropane	13.73	75	360463	60.727	ug/l	100
77) Bromobenzene	13.67	156	532813	60.414	ug/l	96
78) n-propylbenzene	13.77	91	2091788	55.382	ug/l	98
79) 2-Chlorotoluene	13.84	91	1298846	58.731	ug/l	98
80) 1,3,5-Trimethylbenzene	13.93	105	1693892	62.114	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.47	75	93338	52.788	ug/l	95
82) 4-Chlorotoluene	13.95	91	1584630	59.916	ug/l	98
83) tert-Butylbenzene	14.19	119	1814125	60.314	ug/l	90
84) 1,2,4-Trimethylbenzene	14.24	105	1507671	55.837	ug/l	99
85) sec-Butylbenzene	14.36	105	1818315	57.651	ug/l	94
86) p-Isopropyltoluene	14.49	119	1755283	57.160	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	907908	56.826	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	895864	59.331	ug/l	98
89) n-Butylbenzene	14.80	91	1656638	59.966	ug/l	99
90) Hexachloroethane	15.00	117	475666	58.674	ug/l	74
91) 1,2-Dichlorobenzene	14.81	146	804024	60.539	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	15.38	75	71953	63.801	ug/l	88

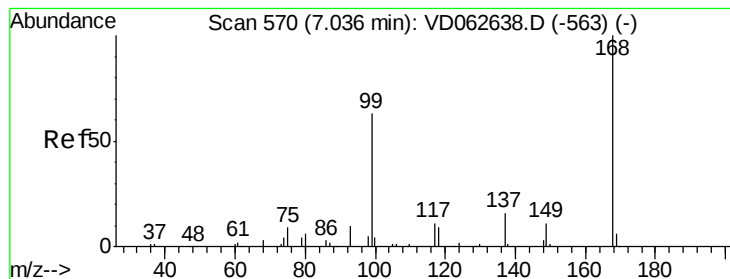
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061019\
Data File : VD062664.D
Acq On : 10 Jun 2019 20:05
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 11 05:12:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	597928	52.852	ug/l	98
94) Hexachlorobutadiene	16.04	225	444889	56.737	ug/l	98
95) Naphthalene	16.13	128	867221	54.278	ug/l	100
96) 1,2,3-Trichlorobenzene	16.27	180	482127	63.025	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

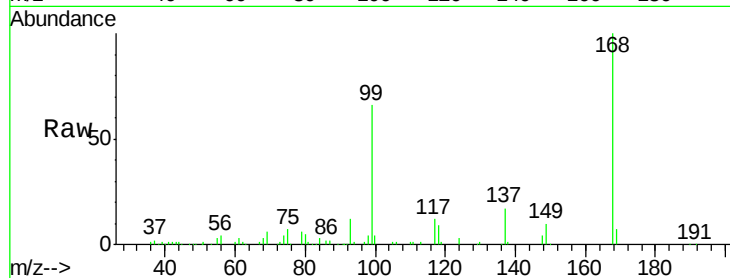
VSTDCCC050EC

Tgt Ion:168 Resp: 687249

Ion Ratio Lower Upper

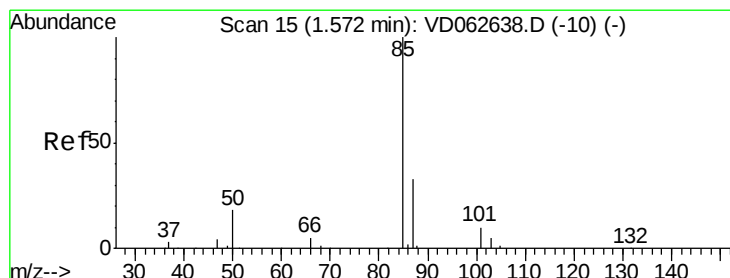
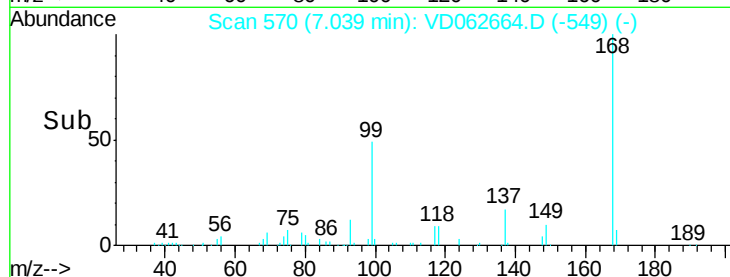
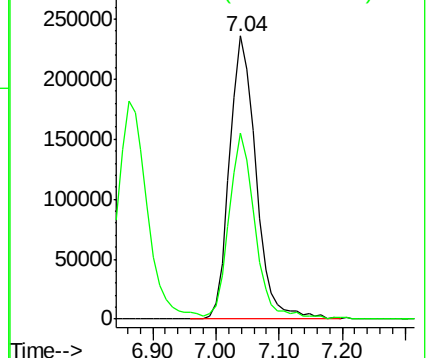
168 100

99 65.9 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 48.249 ug/l

RT: 1.57 min Scan# 14

Delta R.T. -0.01 min

Lab File: VD062664.D

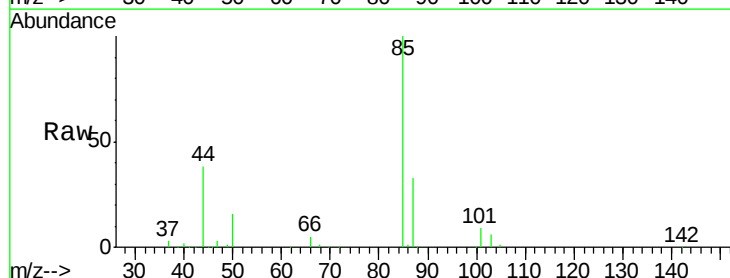
Acq: 10 Jun 2019 20:05

Tgt Ion: 85 Resp: 386223

Ion Ratio Lower Upper

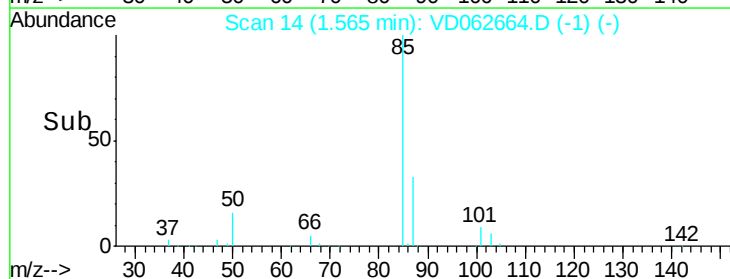
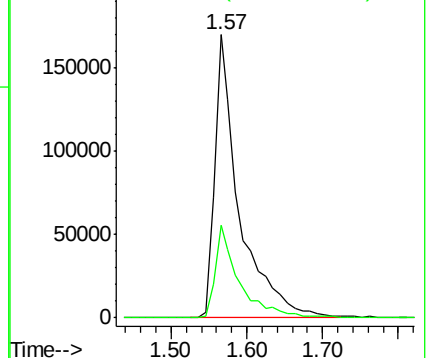
85 100

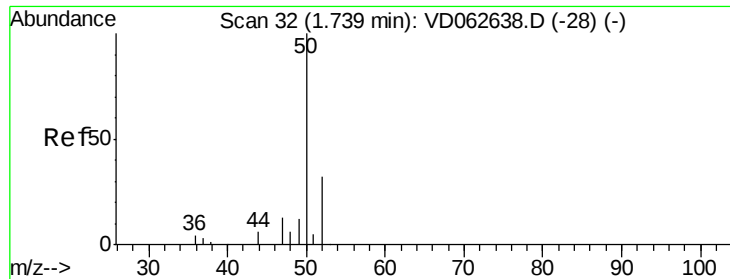
87 32.7 16.6 49.7



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 54.245 ug/l

RT: 1.74 min Scan# 32

Delta R.T. 0.00 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

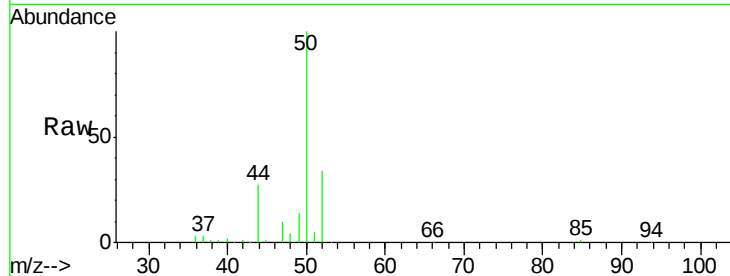
VSTDCCC050EC

Tgt Ion: 50 Resp: 368871

Ion Ratio Lower Upper

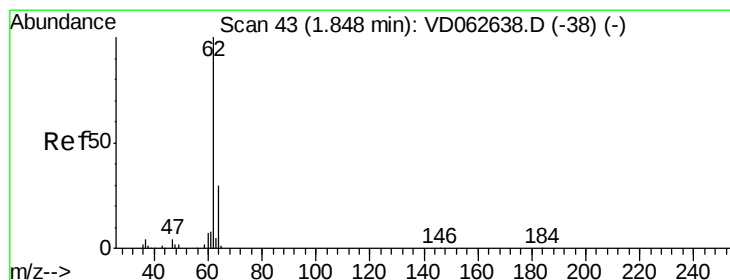
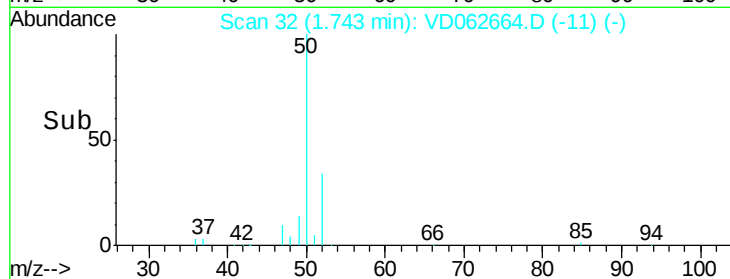
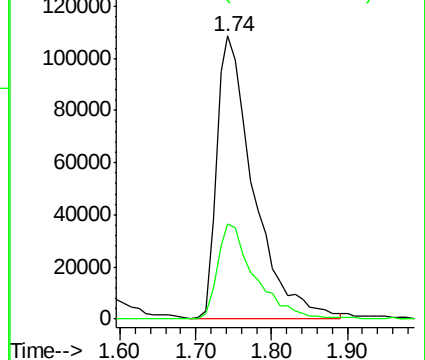
50 100

52 33.7 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 52.400 ug/l

RT: 1.84 min Scan# 42

Delta R.T. -0.01 min

Lab File: VD062664.D

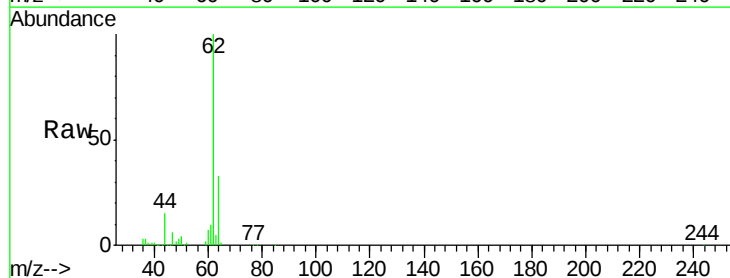
Acq: 10 Jun 2019 20:05

Tgt Ion: 62 Resp: 367429

Ion Ratio Lower Upper

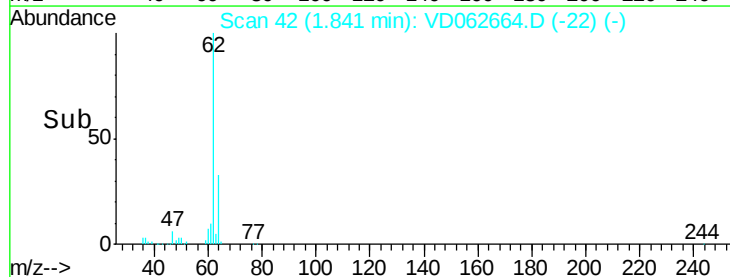
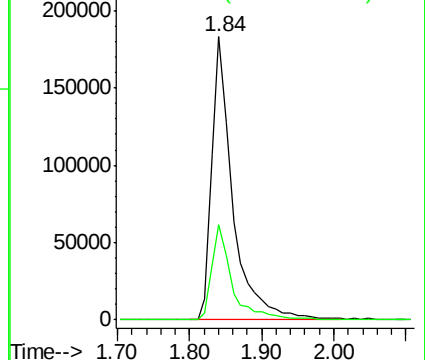
62 100

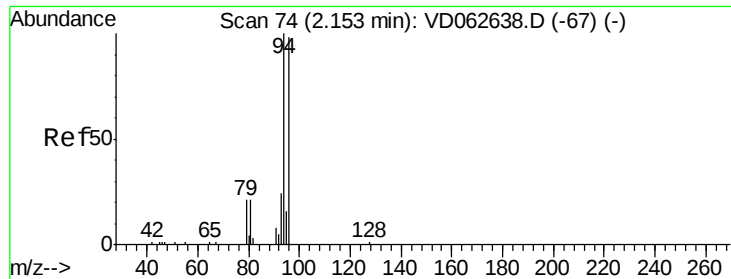
64 33.5 24.2 36.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 56.589 ug/l

RT: 2.15 min Scan# 73

Delta R.T. -0.01 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

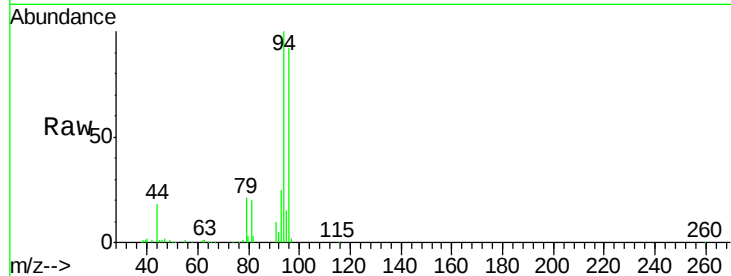
Tgt Ion: 94 Resp: 200295

Ion Ratio Lower Upper

94 100

96 92.3 78.1 117.1

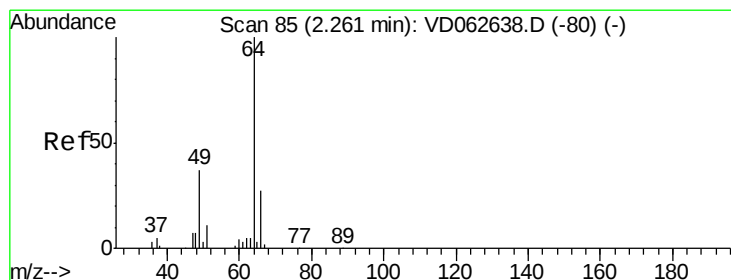
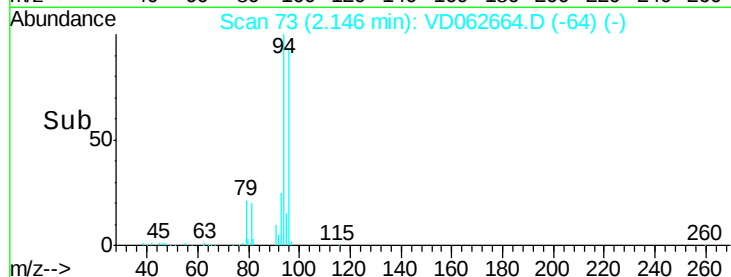
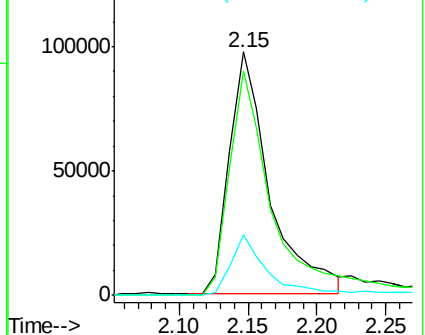
93 25.1 19.6 29.4



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: 49.115 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VD062664.D

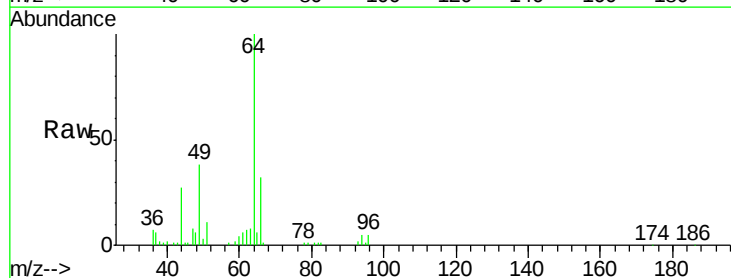
Acq: 10 Jun 2019 20:05

Tgt Ion: 64 Resp: 170034

Ion Ratio Lower Upper

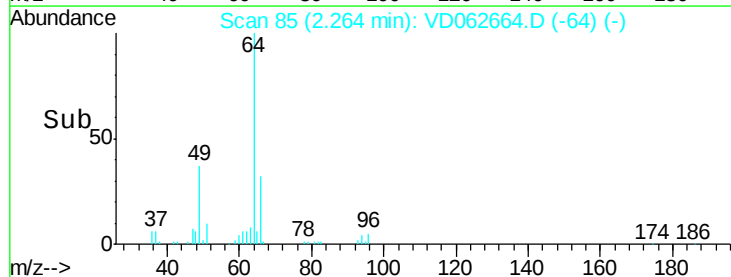
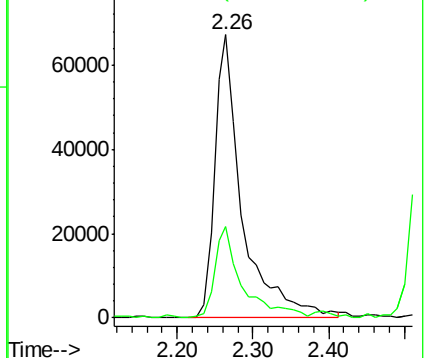
64 100

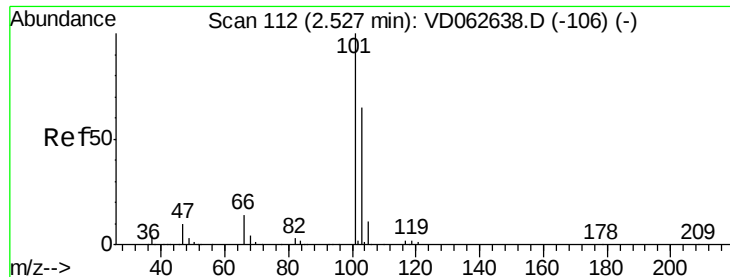
66 32.2 21.9 32.9



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



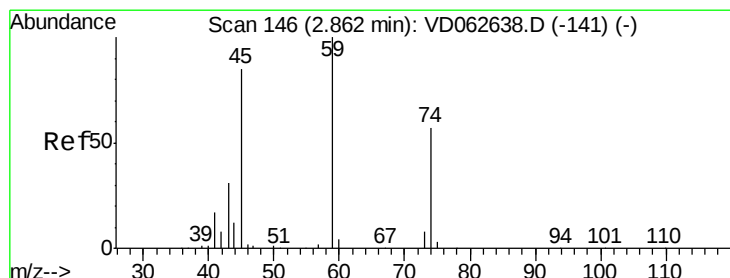
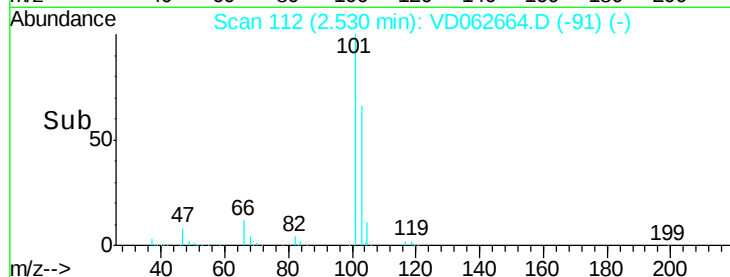
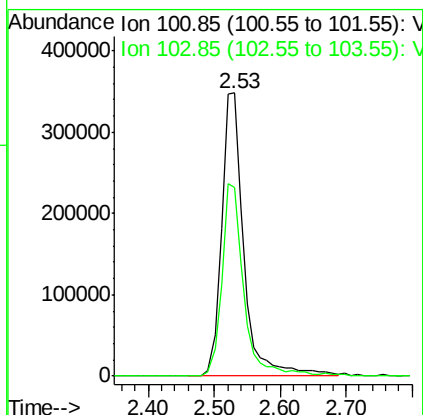
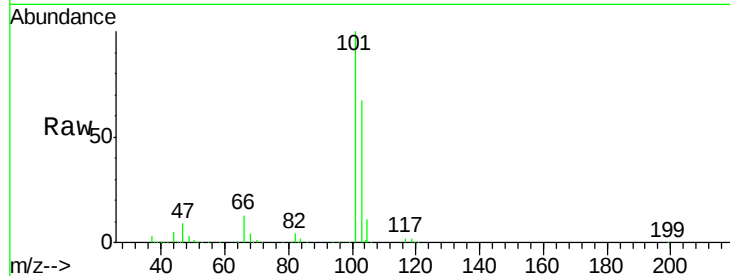


#7

Trichlorofluoromethane
 Concen: 52.434 ug/l
 RT: 2.53 min Scan# 112
 Delta R.T. 0.00 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

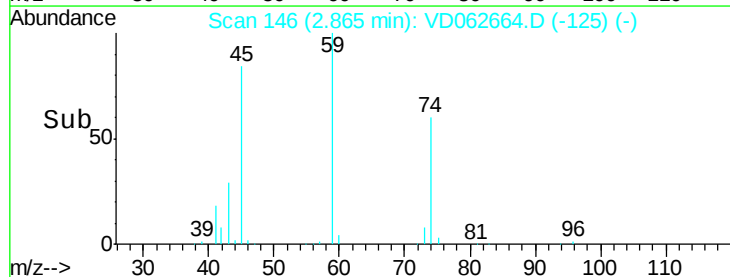
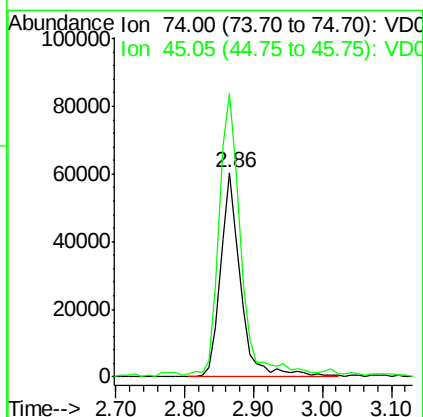
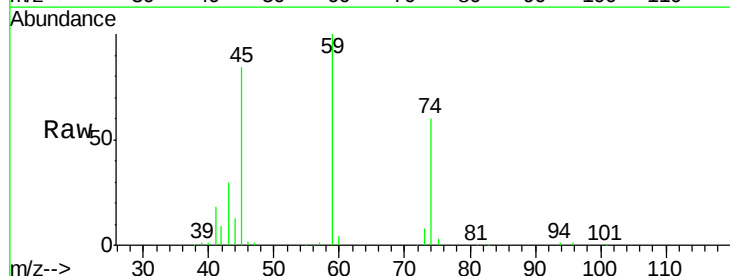
Tgt Ion:101 Resp: 822943
 Ion Ratio Lower Upper
 101 100
 103 66.6 52.2 78.2

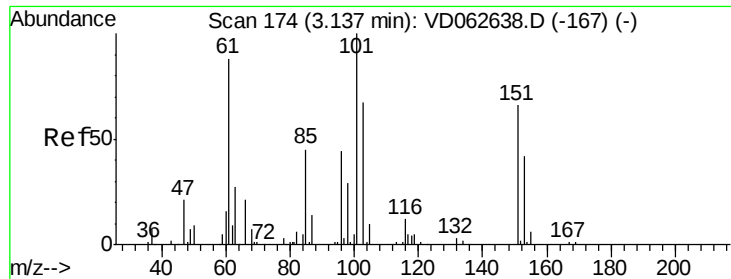


#8

Diethyl Ether
 Concen: 56.957 ug/l
 RT: 2.86 min Scan# 146
 Delta R.T. 0.00 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

Tgt Ion: 74 Resp: 121584
 Ion Ratio Lower Upper
 74 100
 45 138.6 74.9 224.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.195 ug/l

RT: 3.14 min Scan# 174

Delta R.T. 0.00 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

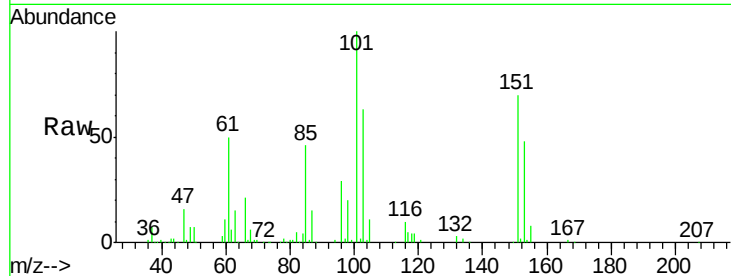
Tgt Ion:101 Resp: 484117

Ion Ratio Lower Upper

101 100

85 45.5 36.0 54.0

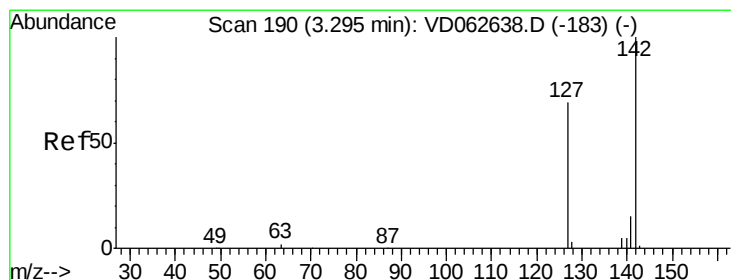
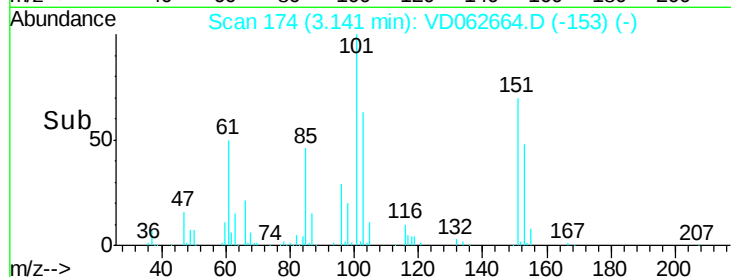
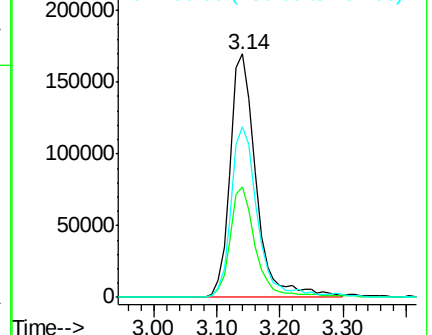
151 70.1 52.6 79.0



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: 43.205 ug/l

RT: 3.30 min Scan# 190

Delta R.T. 0.00 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

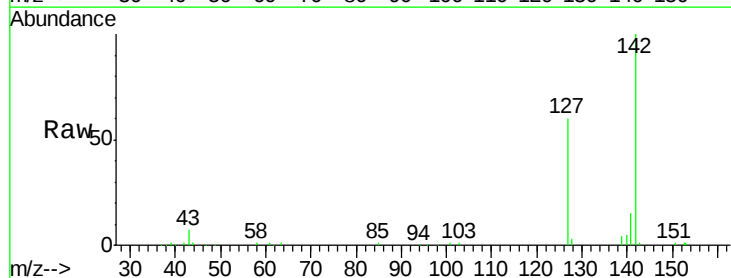
Tgt Ion:142 Resp: 523586

Ion Ratio Lower Upper

142 100

127 59.7 55.2 82.8

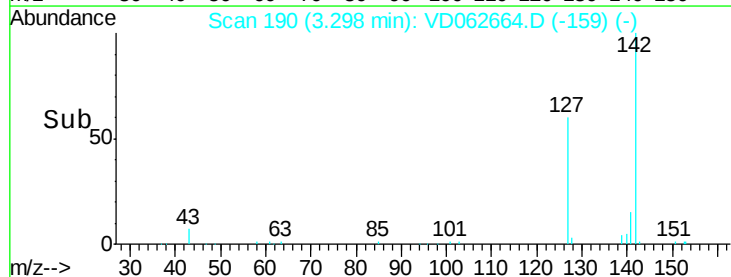
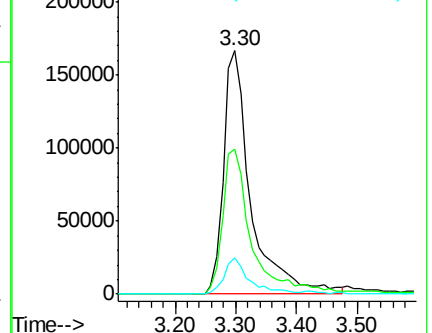
141 15.0 12.1 18.1

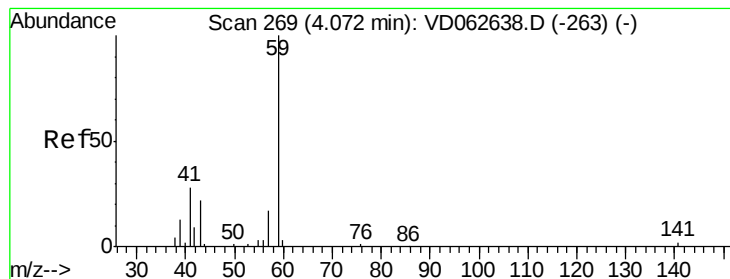


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



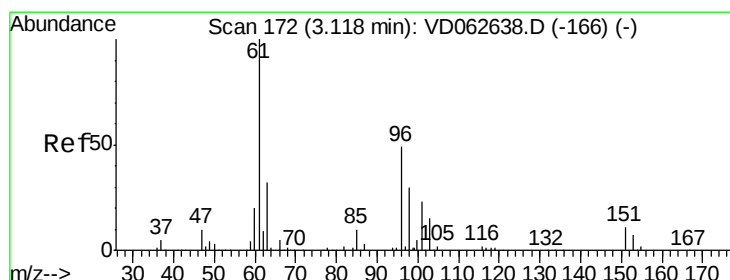
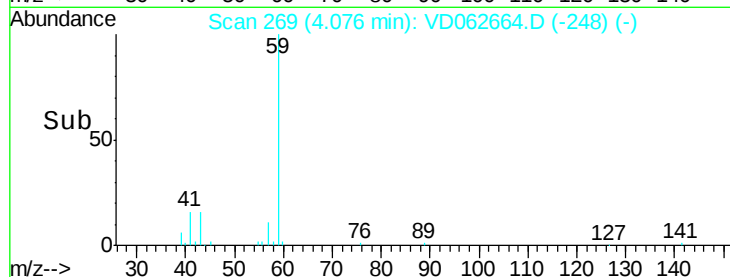
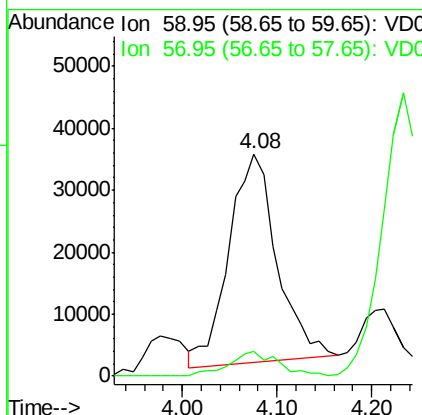
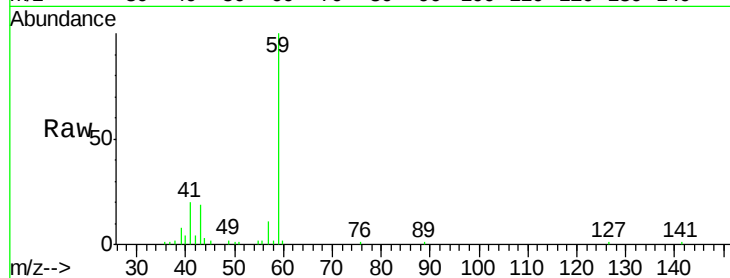


#11

Tert butyl alcohol
 Concen: 290.639 ug/l
 RT: 4.08 min Scan# 269
 Delta R.T. 0.00 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

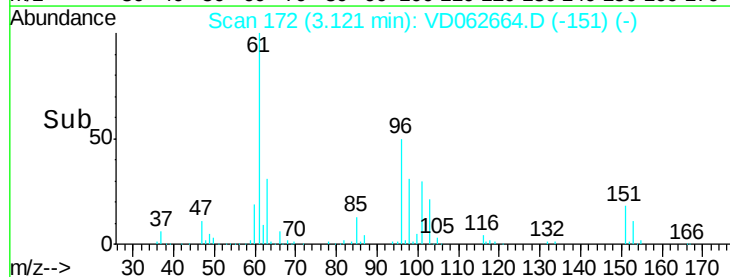
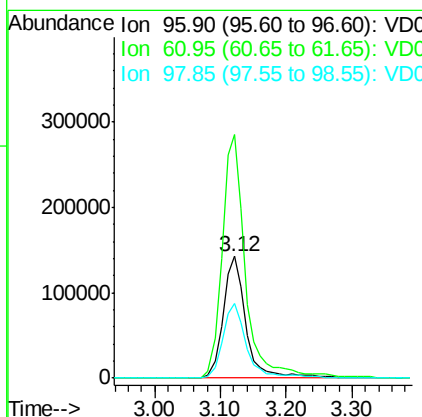
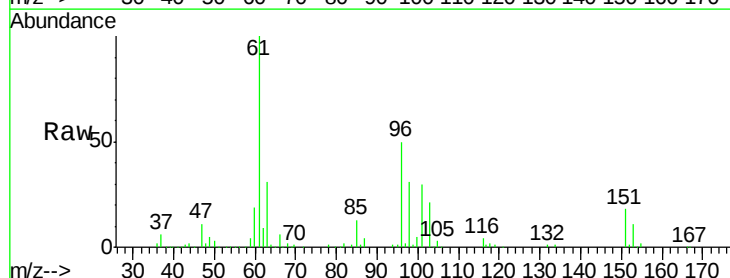
Tgt Ion: 59 Resp: 118475
 Ion Ratio Lower Upper
 59 100
 57 11.2 13.7 20.5#

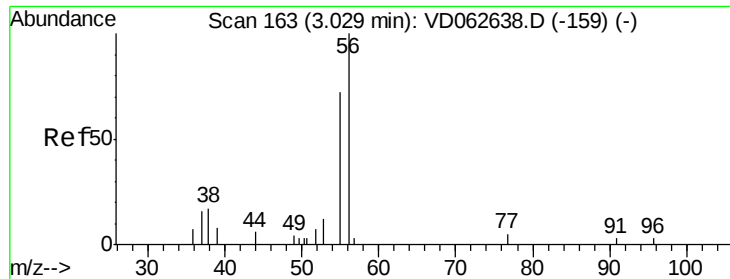


#12

1,1-Dichloroethene
 Concen: 56.662 ug/l
 RT: 3.12 min Scan# 172
 Delta R.T. 0.00 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

Tgt Ion: 96 Resp: 344185
 Ion Ratio Lower Upper
 96 100
 61 200.3 161.8 242.8
 98 61.1 48.2 72.4





#13

Acrolein

Concen: 226.266 ug/l

RT: 3.03 min Scan# 163

Delta R.T. 0.00 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

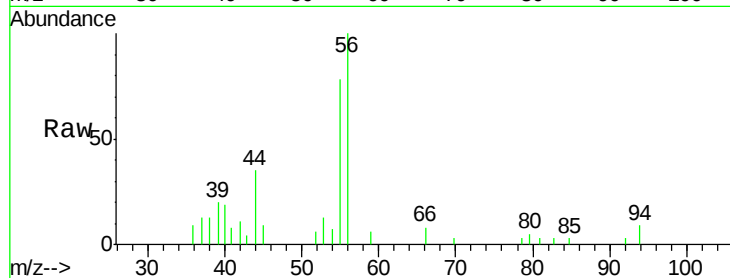
VSTDCCC050EC

Tgt Ion: 56 Resp: 29669

Ion Ratio Lower Upper

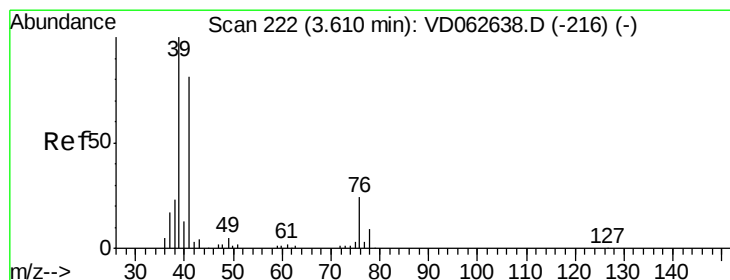
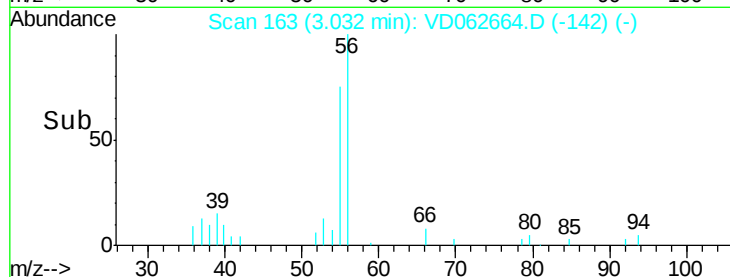
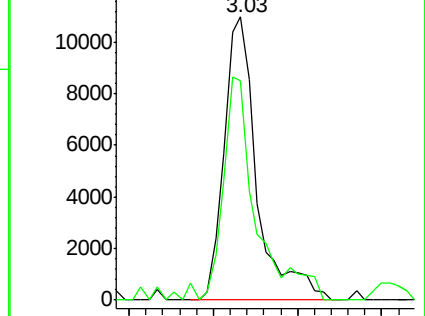
56 100

55 77.6 59.4 89.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 55.378 ug/l

RT: 3.61 min Scan# 222

Delta R.T. 0.00 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

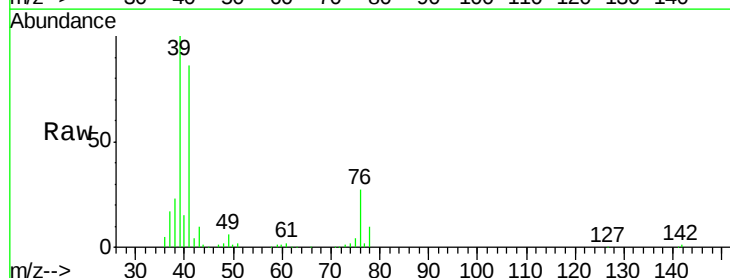
Tgt Ion: 41 Resp: 517225

Ion Ratio Lower Upper

41 100

39 115.9 99.1 148.7

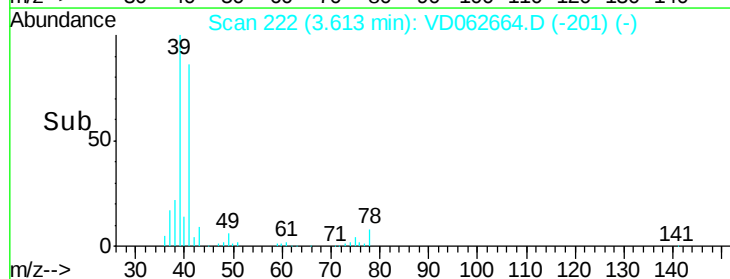
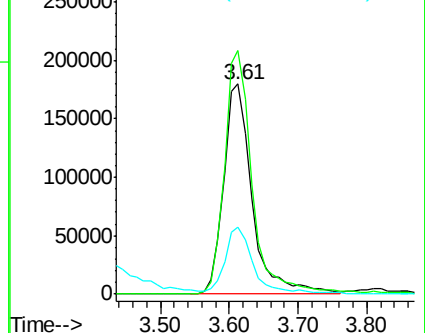
76 31.6 25.0 37.6

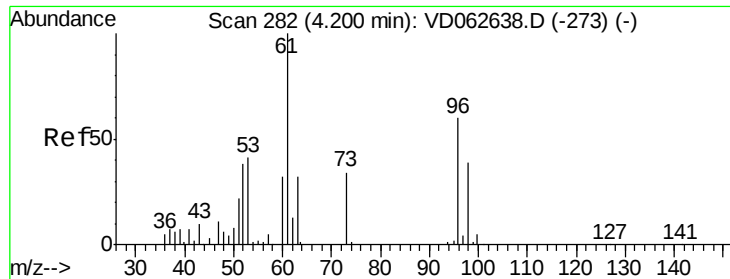


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 311.449 ug/l

RT: 4.19 min Scan# 281

Delta R.T. -0.01 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

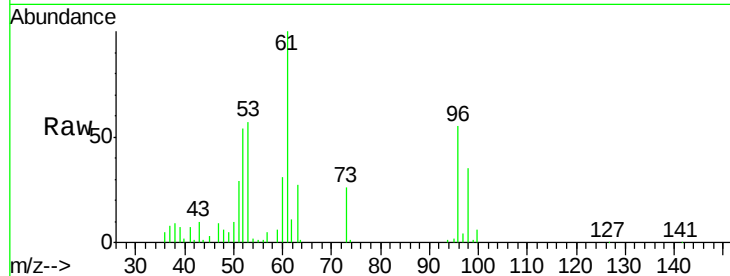
Tgt Ion: 53 Resp: 288501

Ion Ratio Lower Upper

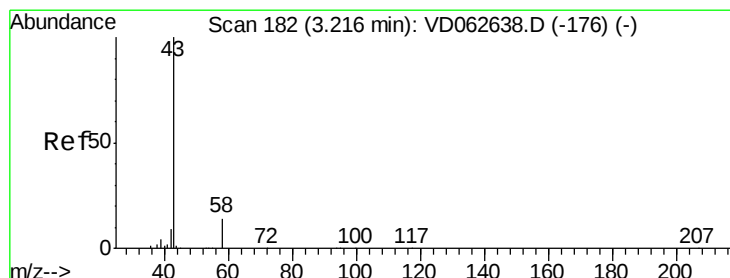
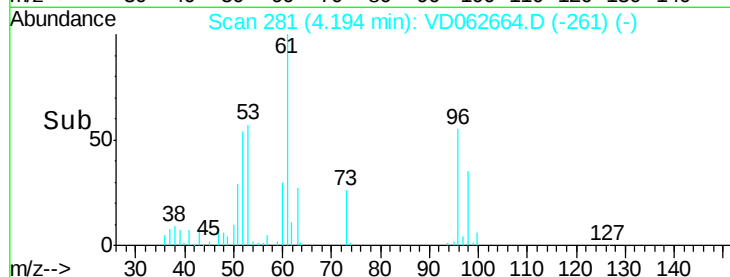
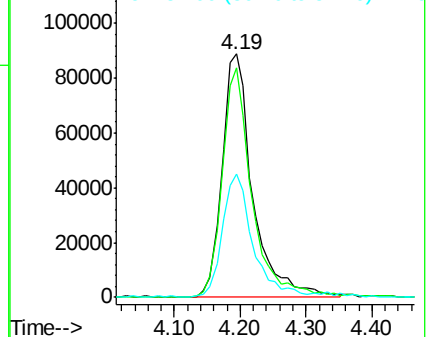
53 100

52 94.1 73.6 110.4

51 50.5 42.0 63.0



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



#16

Acetone

Concen: 301.446 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD062664.D

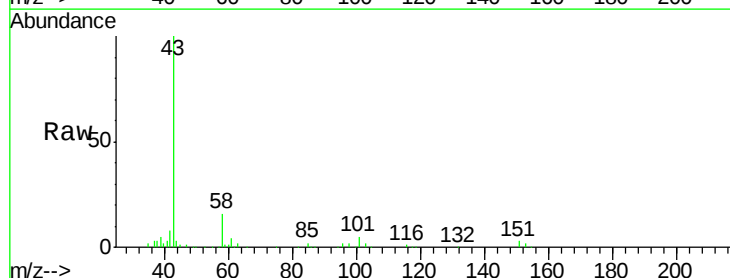
Acq: 10 Jun 2019 20:05

Tgt Ion: 43 Resp: 547412

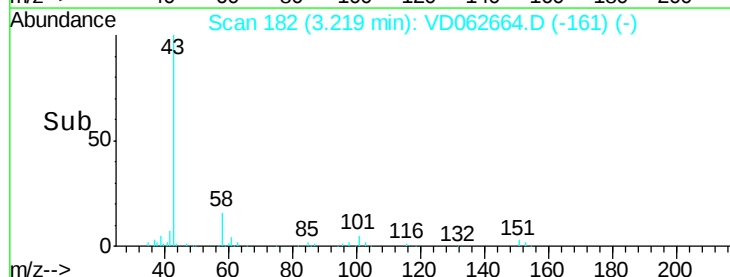
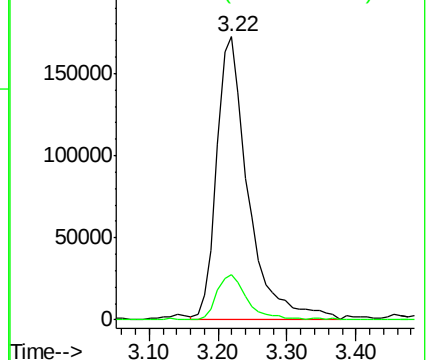
Ion Ratio Lower Upper

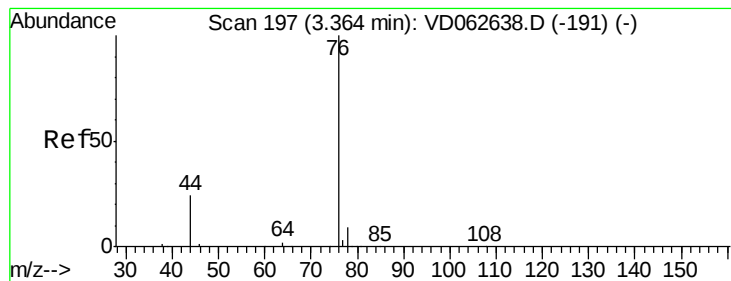
43 100

58 16.2 10.8 16.2



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 58.343 ug/l

RT: 3.37 min Scan# 197

Delta R.T. 0.00 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

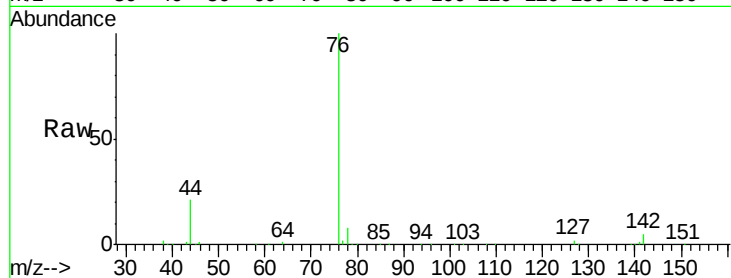
VSTDCCC050EC

Tgt Ion: 76 Resp: 1044353

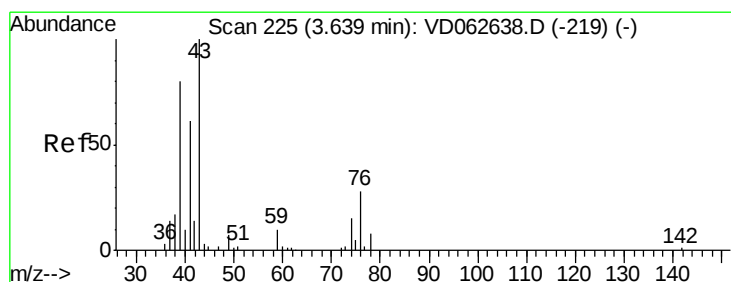
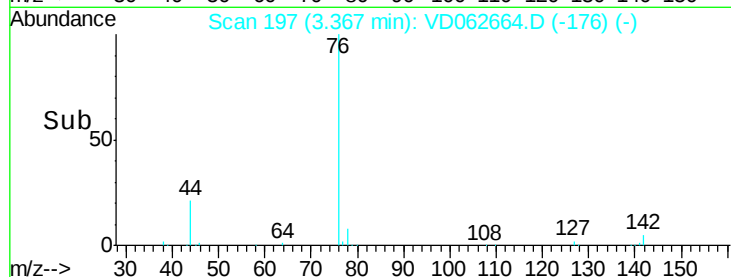
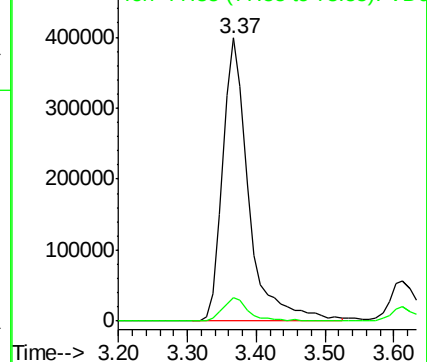
Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.4



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



#18

Methyl Acetate

Concen: 55.140 ug/l

RT: 3.63 min Scan# 224

Delta R.T. -0.01 min

Lab File: VD062664.D

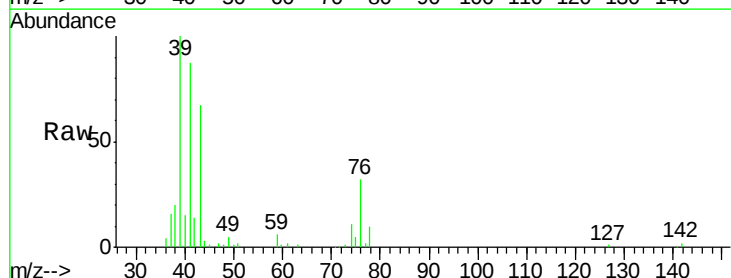
Acq: 10 Jun 2019 20:05

Tgt Ion: 43 Resp: 164559

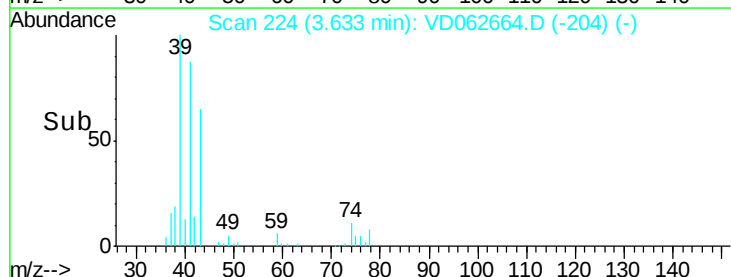
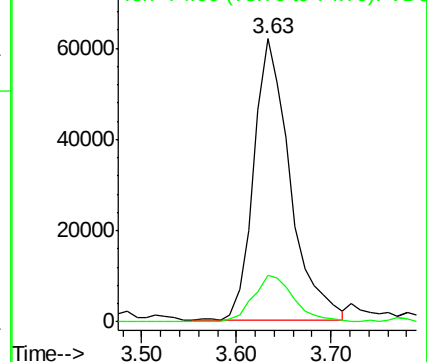
Ion Ratio Lower Upper

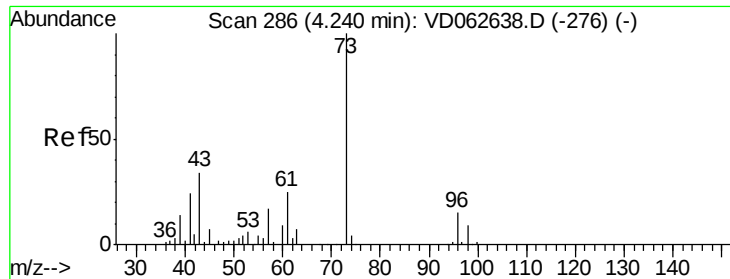
43 100

74 16.4 12.1 18.1



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

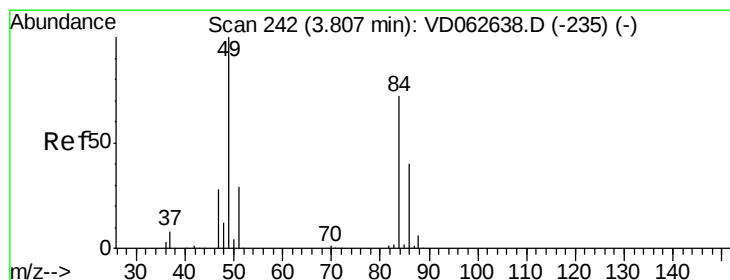
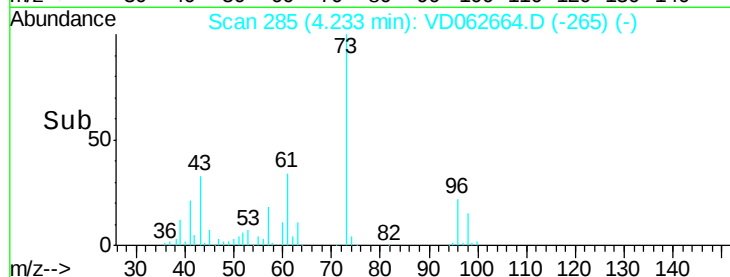
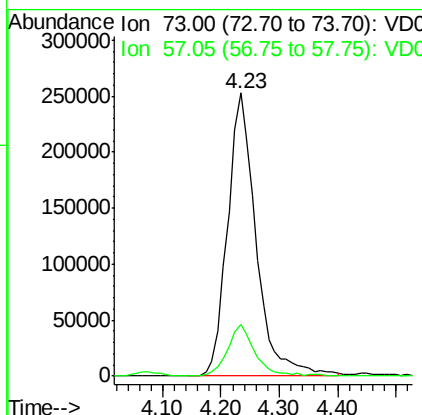
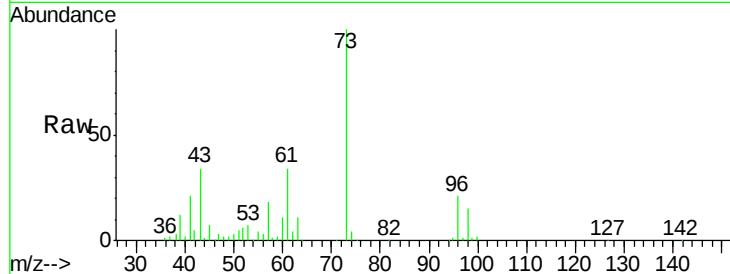




#19
Methyl tert-butyl Ether
Concen: 58.194 ug/l
RT: 4.23 min Scan# 285
Delta R.T. -0.01 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

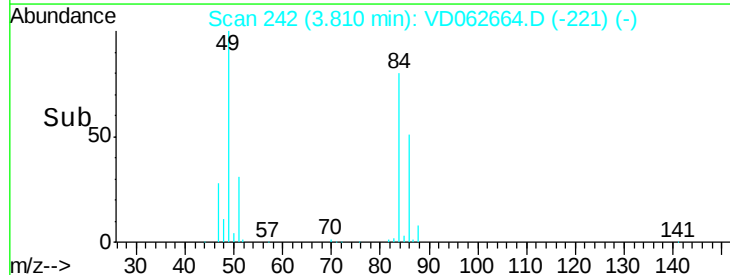
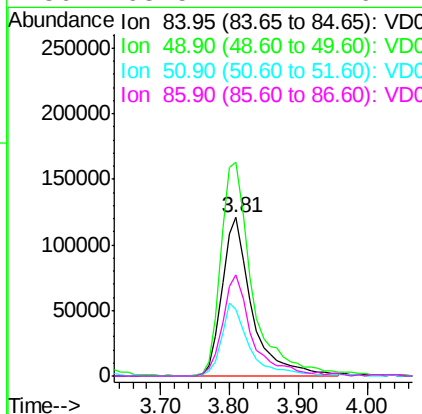
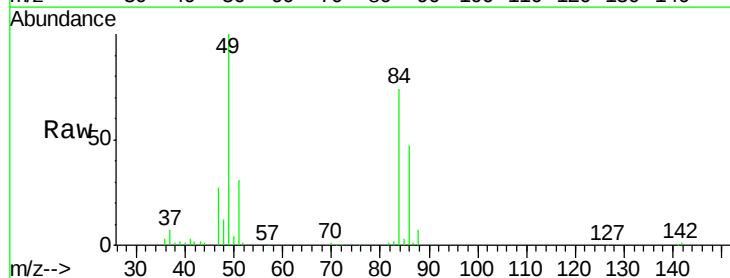
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

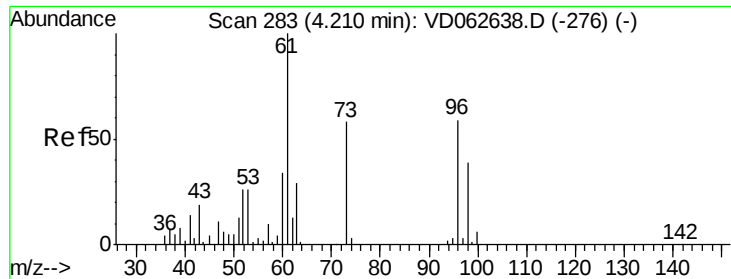
Tgt Ion: 73 Resp: 862138
Ion Ratio Lower Upper
73 100
57 18.1 13.5 20.3



#20
Methylene Chloride
Concen: 52.745 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.00 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

Tgt Ion: 84 Resp: 361723
Ion Ratio Lower Upper
84 100
49 134.6 111.2 166.8
51 42.0 31.9 47.9
86 63.5 44.7 67.1





#21

trans-1,2-Dichloroethene

Concen: 57.185 ug/l

RT: 4.20 min Scan# 282

Delta R.T. -0.01 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

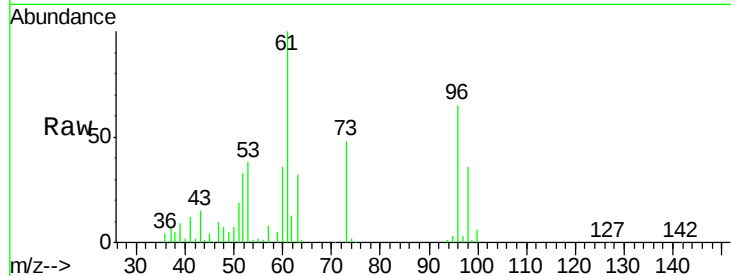
Tgt Ion: 96 Resp: 381027

Ion Ratio Lower Upper

96 100

61 154.5 134.6 201.8

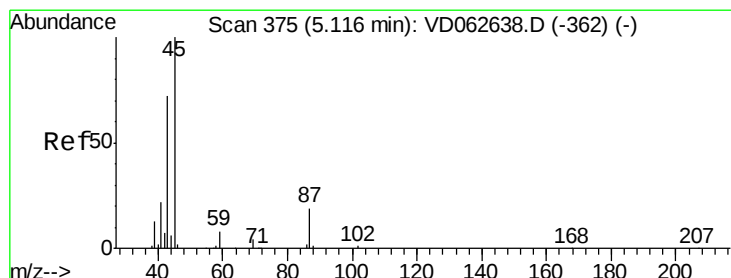
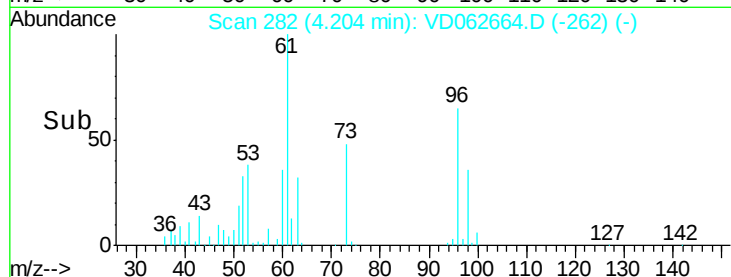
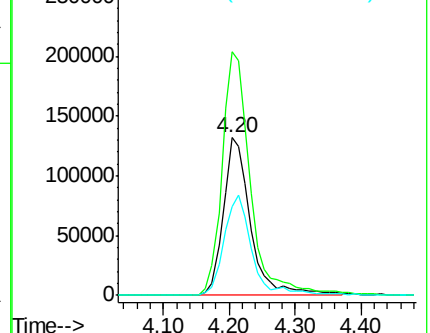
98 56.3 51.8 77.8



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



#22

Diisopropyl ether

Concen: 60.543 ug/l

RT: 5.12 min Scan# 375

Delta R.T. 0.00 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Tgt Ion: 45 Resp: 1174124

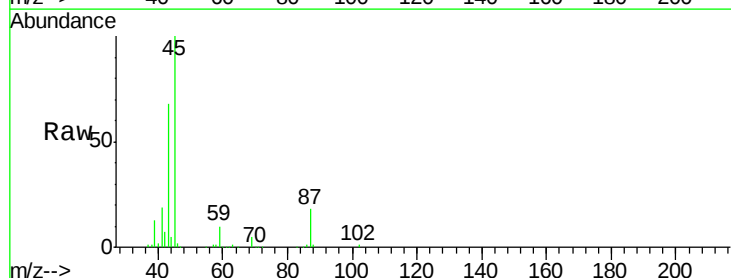
Ion Ratio Lower Upper

45 100

43 68.2 58.8 88.2

87 18.5 15.7 23.5

59 9.6 6.6 9.8

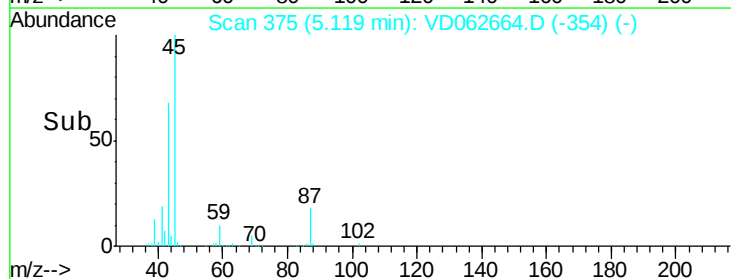
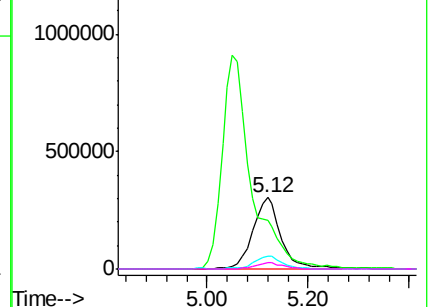


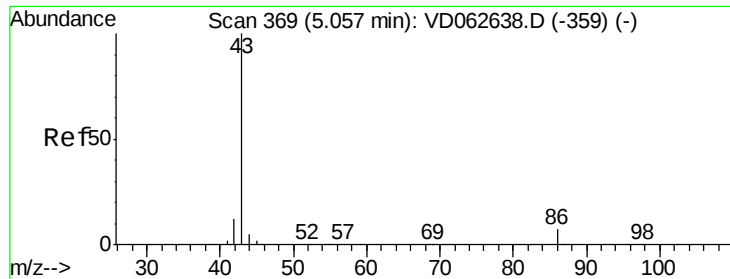
Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 305.640 ug/l

RT: 5.05 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

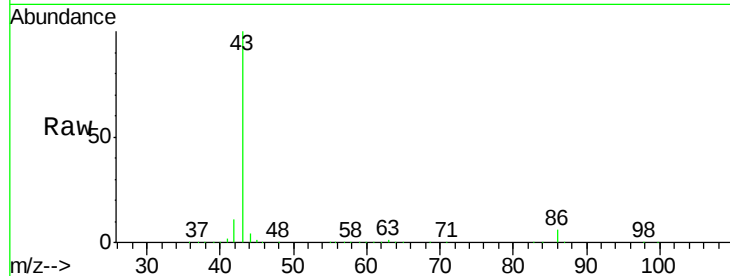
VSTDCCC050EC

Tgt Ion: 43 Resp: 3677232

Ion Ratio Lower Upper

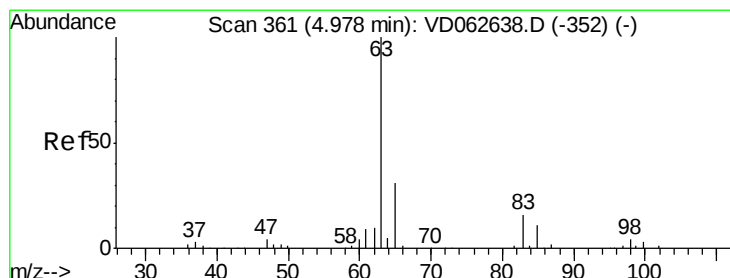
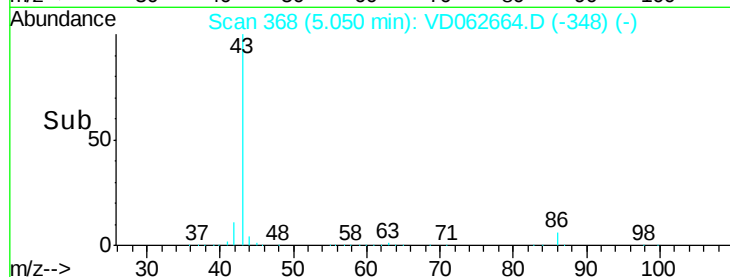
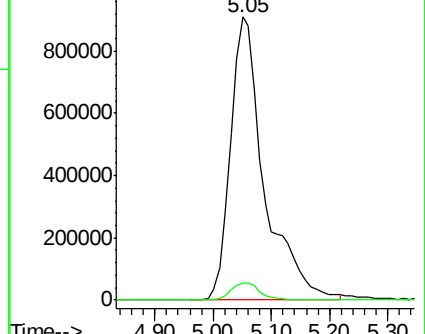
43 100

86 5.9 5.3 7.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 58.321 ug/l

RT: 4.98 min Scan# 361

Delta R.T. 0.00 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

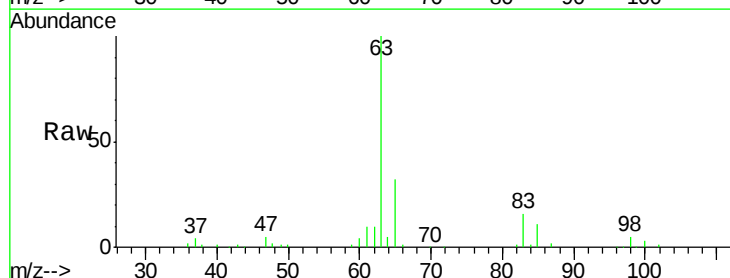
Tgt Ion: 63 Resp: 727612

Ion Ratio Lower Upper

63 100

98 5.3 1.8 5.4

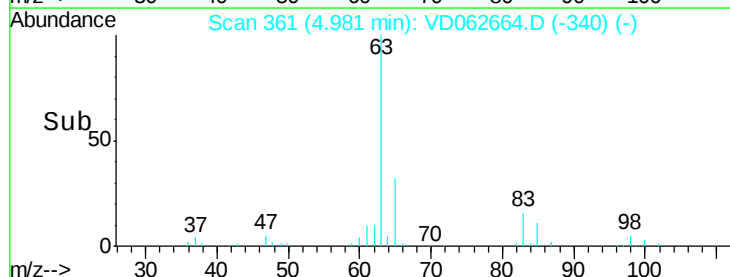
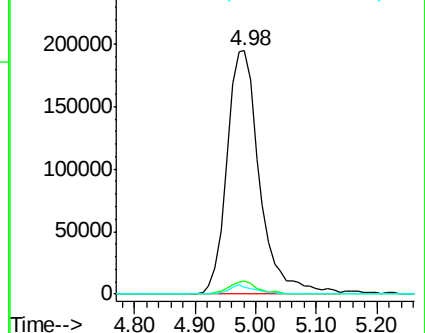
100 3.0 1.5 4.4



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 300.288 ug/l

RT: 6.07 min Scan# 472

Delta R.T. 0.00 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

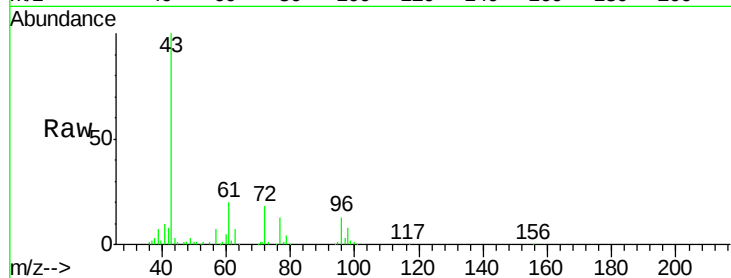
VSTDCCC050EC

Tgt Ion: 43 Resp: 531995

Ion Ratio Lower Upper

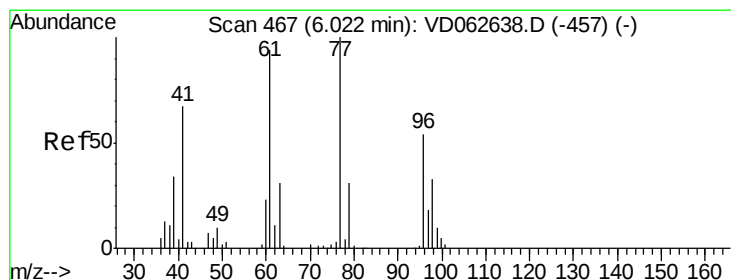
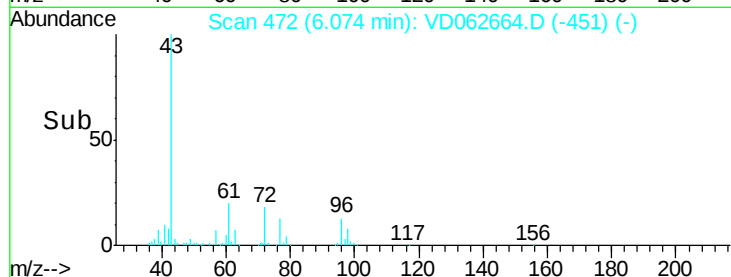
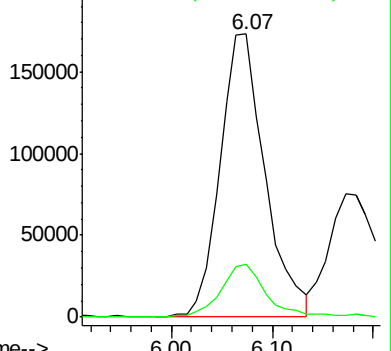
43 100

72 18.5 13.5 20.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 54.532 ug/l

RT: 6.02 min Scan# 466

Delta R.T. -0.01 min

Lab File: VD062664.D

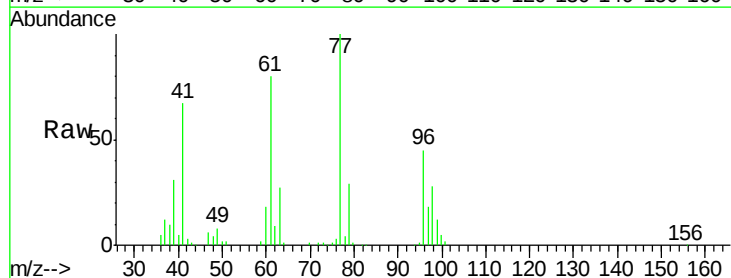
Acq: 10 Jun 2019 20:05

Tgt Ion: 77 Resp: 784101

Ion Ratio Lower Upper

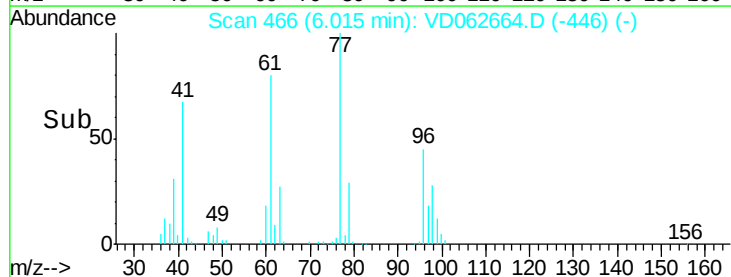
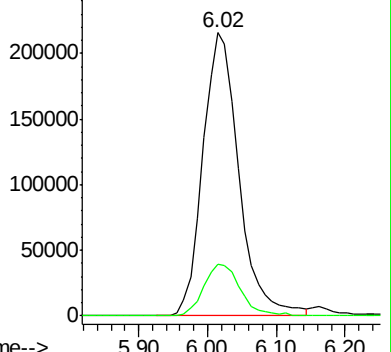
77 100

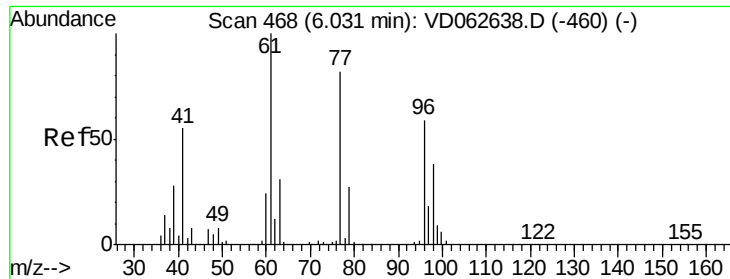
97 18.1 8.8 26.5



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



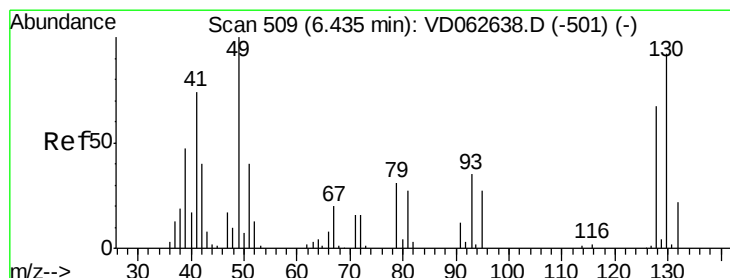
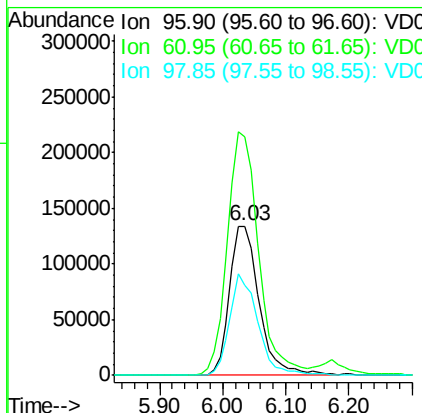
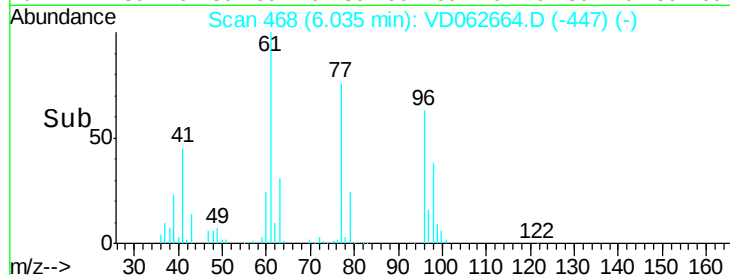
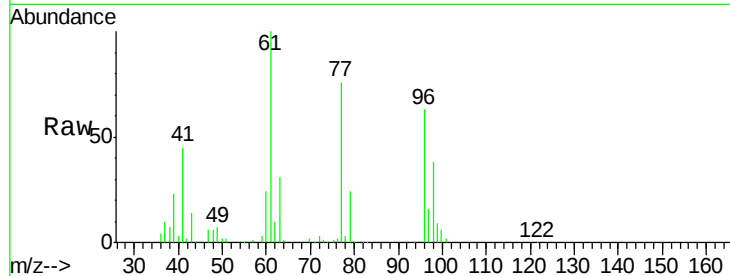


#27

cis-1,2-Dichloroethene
Concen: 60.444 ug/l
RT: 6.03 min Scan# 468
Delta R.T. 0.00 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

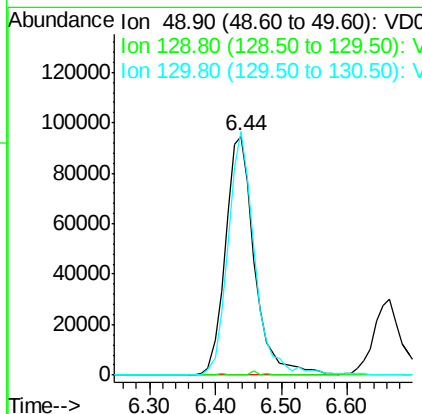
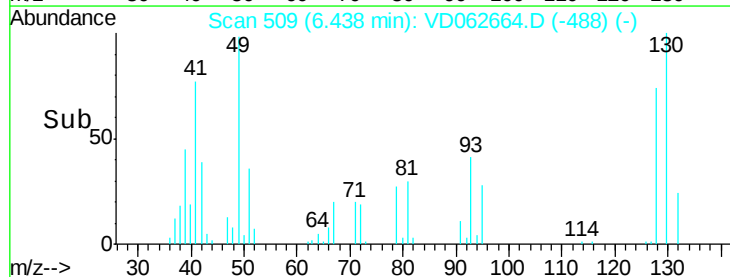
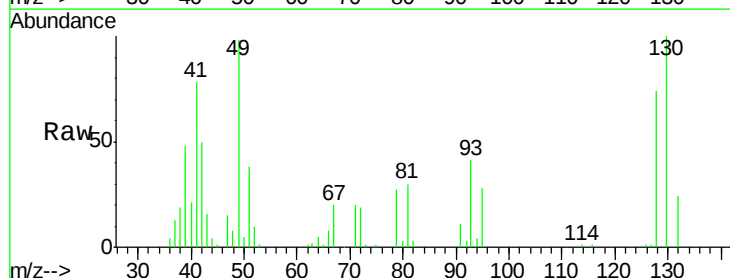
Tgt Ion: 96 Resp: 436600
Ion Ratio Lower Upper
96 100
61 159.2 0.0 340.0
98 60.2 0.0 127.6



#28

Bromochloromethane
Concen: 61.093 ug/l
RT: 6.44 min Scan# 509
Delta R.T. 0.00 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

Tgt Ion: 49 Resp: 291357
Ion Ratio Lower Upper
49 100
129 0.0 0.0 8.2
130 102.0 73.4 110.0





#29

Tetrahydrofuran

Concen: 316.383 ug/l

RT: 6.46 min Scan# 511

Delta R.T. 0.00 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

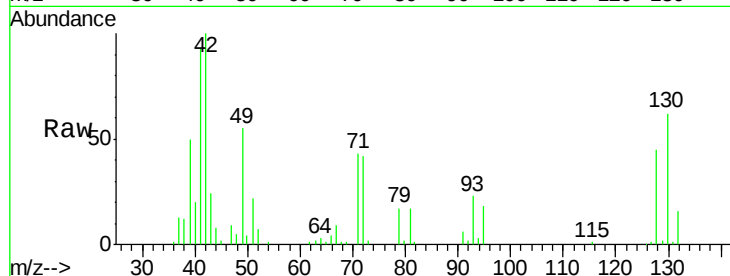
Tgt Ion: 42 Resp: 252414

Ion Ratio Lower Upper

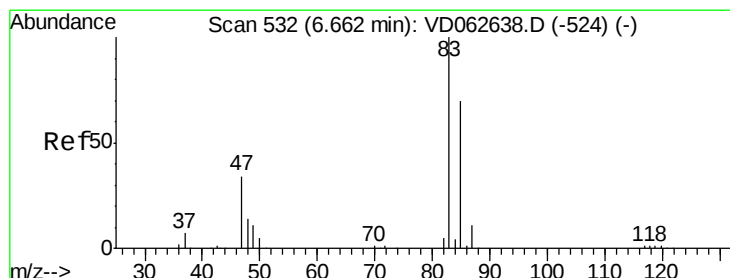
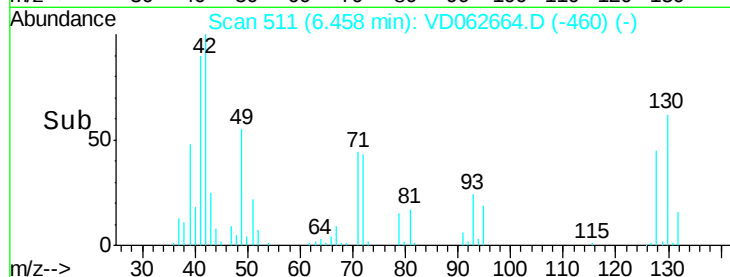
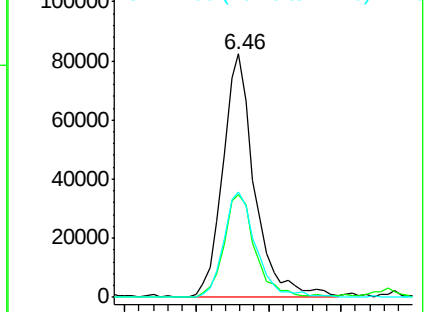
42 100

72 41.1 33.8 50.6

71 43.6 34.2 51.4



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: 55.227 ug/l

RT: 6.66 min Scan# 532

Delta R.T. 0.00 min

Lab File: VD062664.D

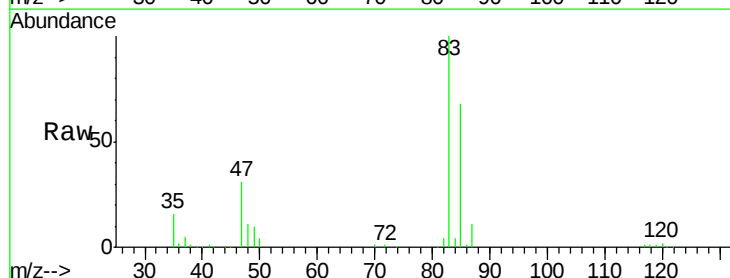
Acq: 10 Jun 2019 20:05

Tgt Ion: 83 Resp: 884018

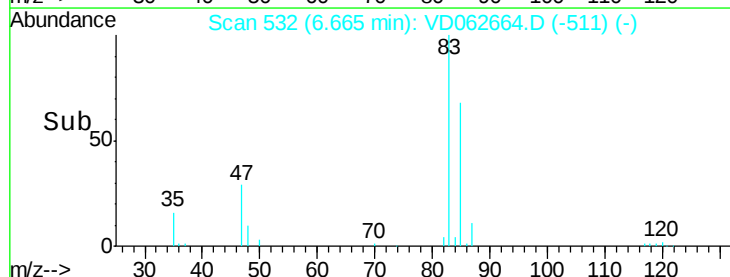
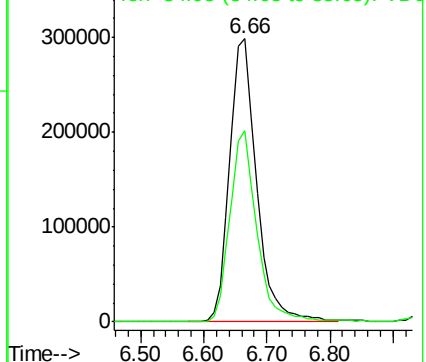
Ion Ratio Lower Upper

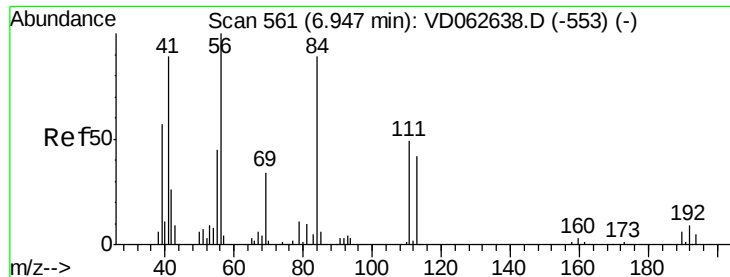
83 100

85 67.6 55.8 83.6



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

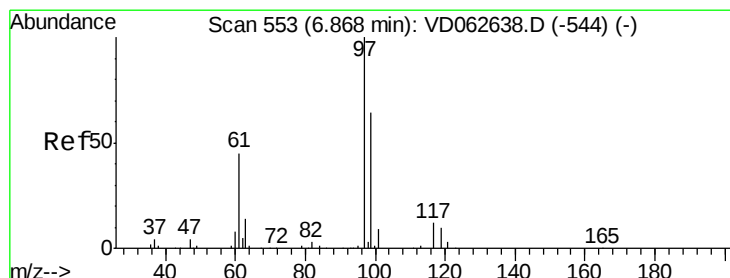
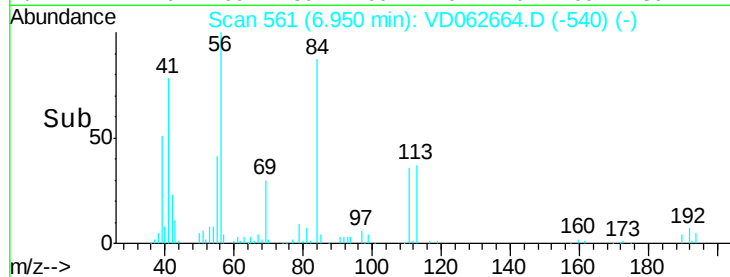
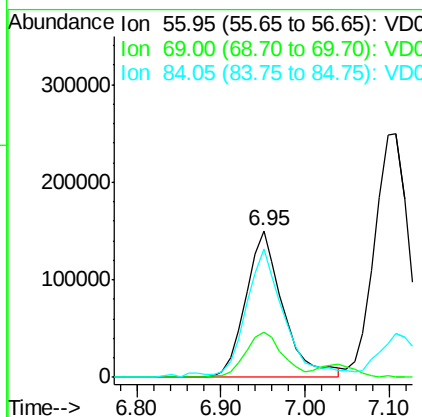
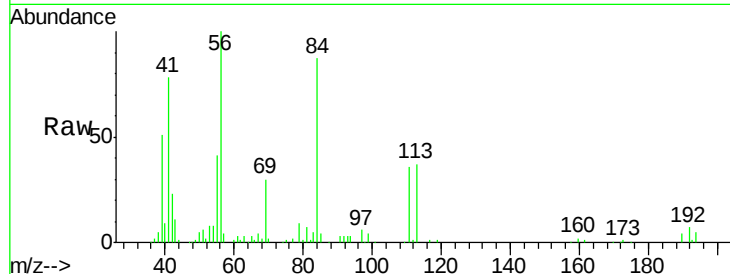




#31
Cyclohexane
Concen: 59.464 ug/l
RT: 6.95 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

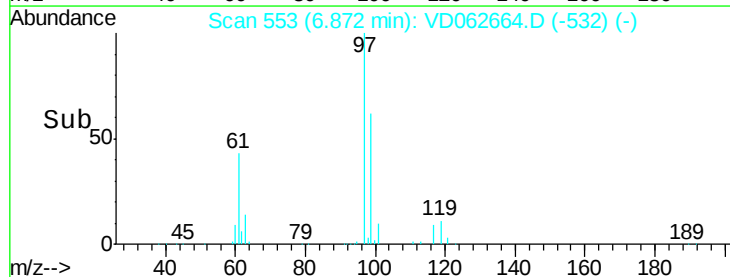
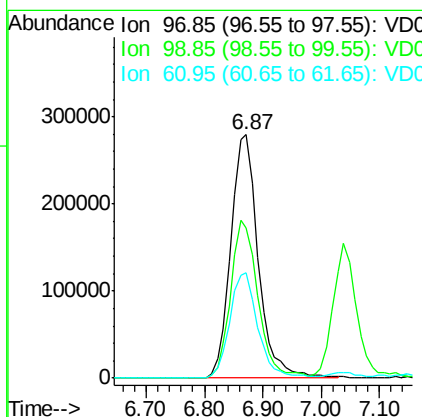
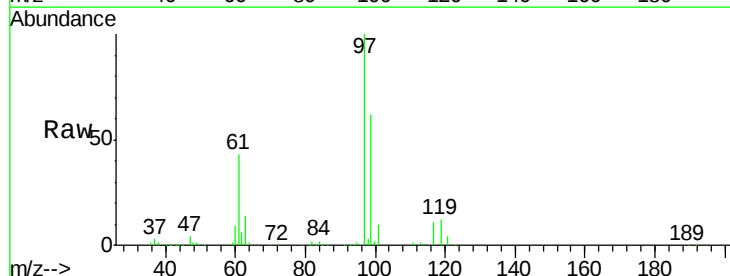
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

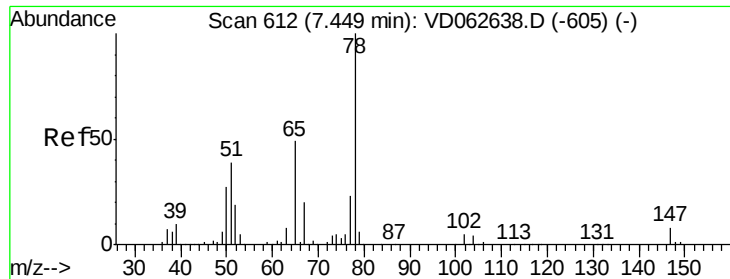
Tgt Ion: 56 Resp: 465374
Ion Ratio Lower Upper
56 100
69 30.5 26.8 40.2
84 87.0 73.9 110.9



#32
1,1,1-Trichloroethane
Concen: 57.533 ug/l
RT: 6.87 min Scan# 553
Delta R.T. 0.00 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

Tgt Ion: 97 Resp: 916370
Ion Ratio Lower Upper
97 100
99 61.6 51.4 77.0
61 43.1 35.6 53.4





#33

1,2-Dichloroethane-d4

Concen: 54.649 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

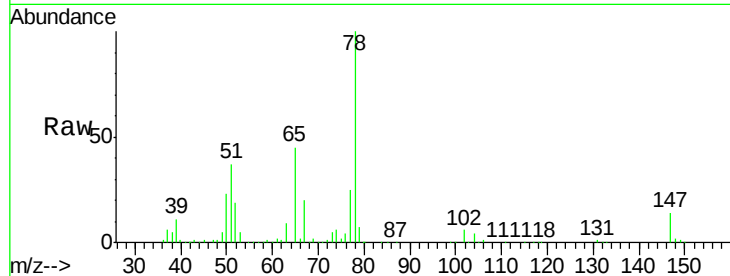
VSTDCCC050EC

Tgt Ion: 65 Resp: 541952

Ion Ratio Lower Upper

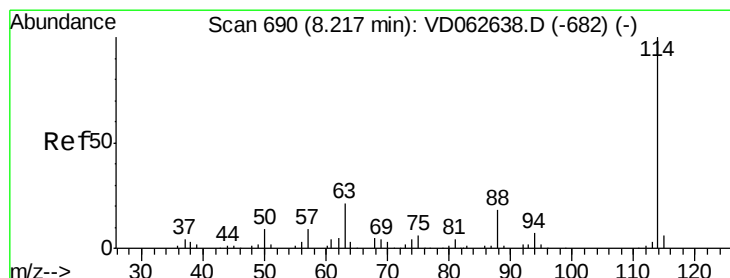
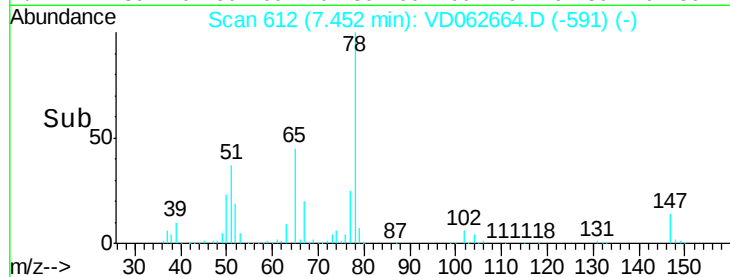
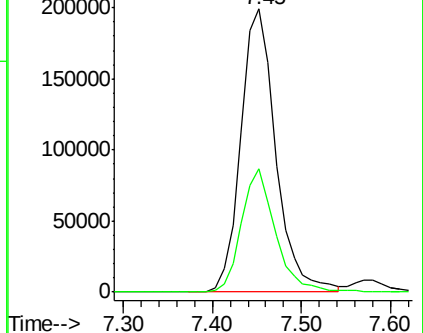
65 100

67 43.7 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

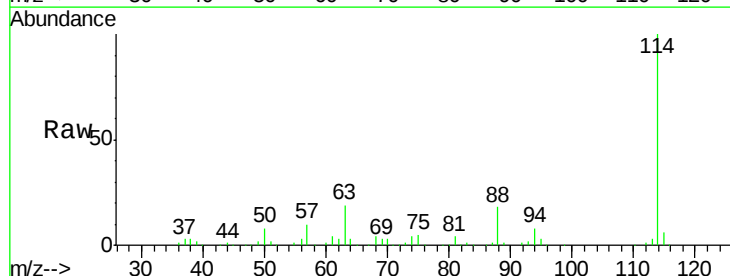
Tgt Ion: 114 Resp: 906639

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

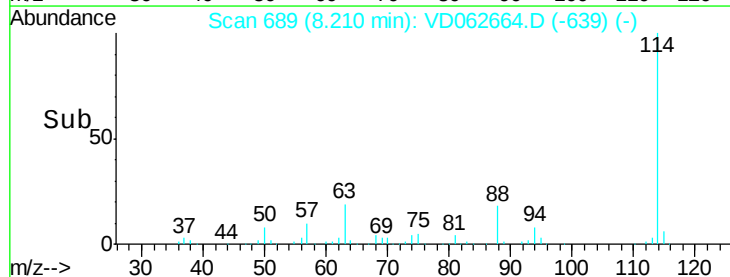
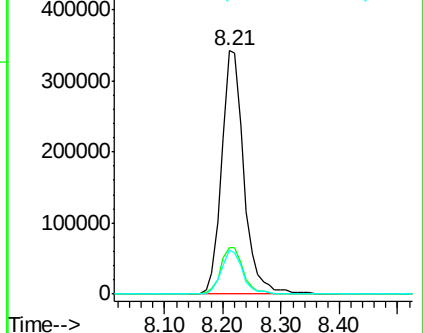
88 17.8 0.0 36.8

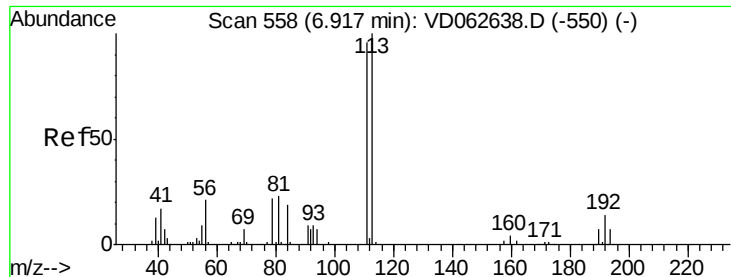


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

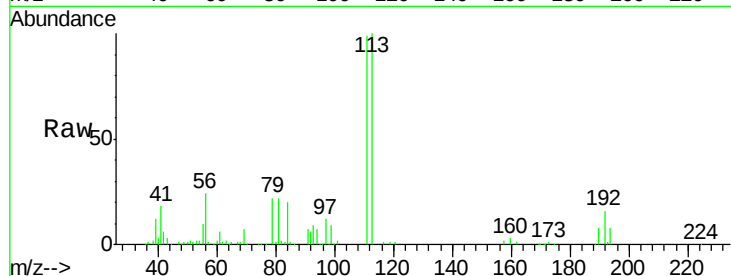




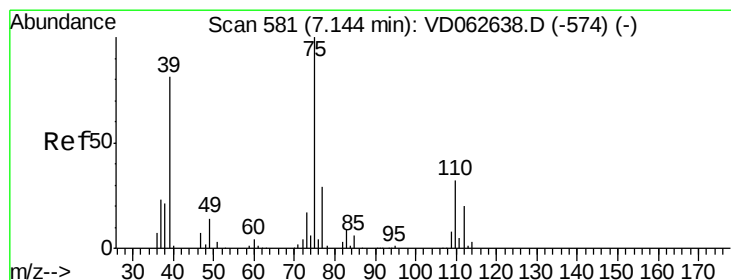
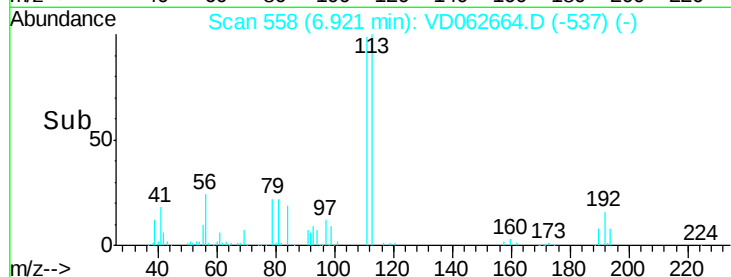
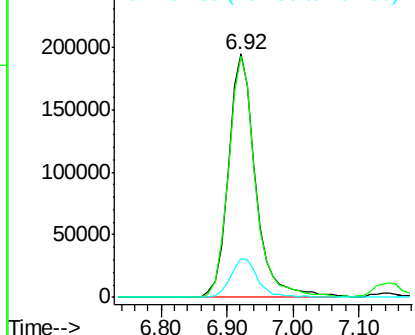
#35
 Dibromofluoromethane
 Concen: 58.340 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 113 Resp: 557828
 Ion Ratio Lower Upper
 113 100
 111 98.8 76.4 114.6
 192 15.9 11.4 17.0

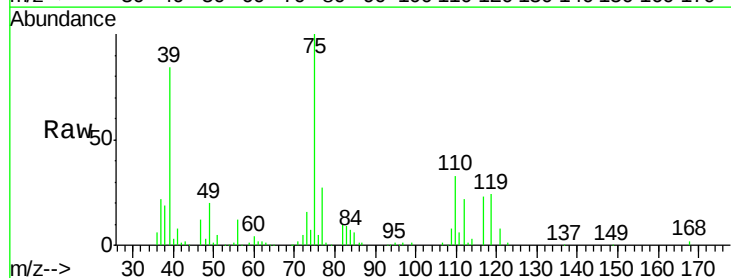


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

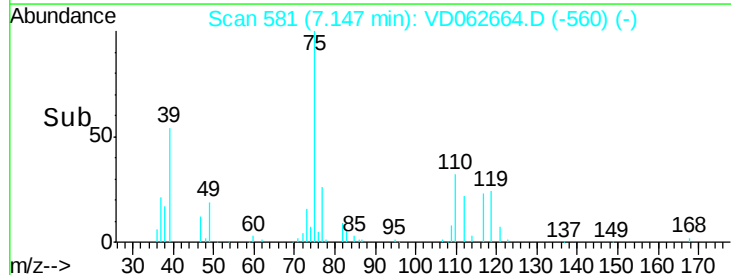
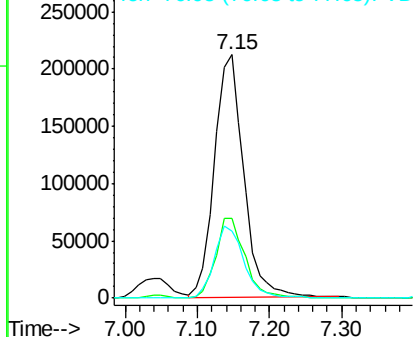


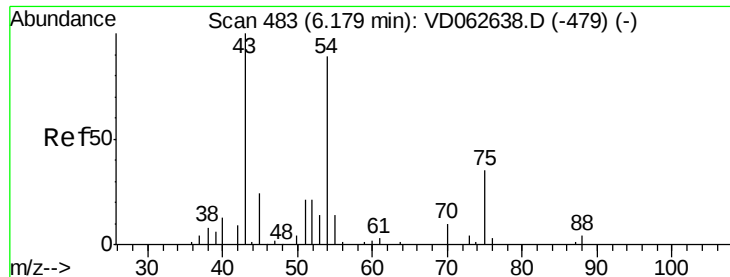
#36
 1,1-Dichloropropene
 Concen: 57.298 ug/l
 RT: 7.15 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

Tgt Ion: 75 Resp: 594547
 Ion Ratio Lower Upper
 75 100
 110 33.0 15.9 47.7
 77 27.4 23.3 34.9



Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): VDC

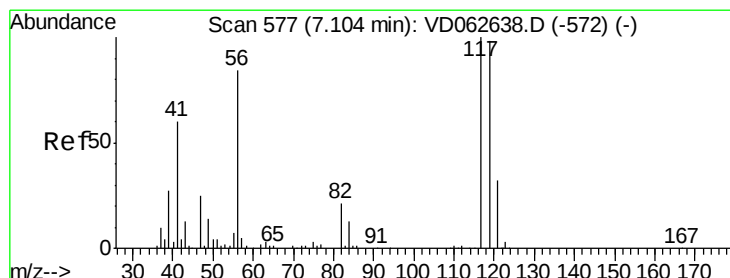
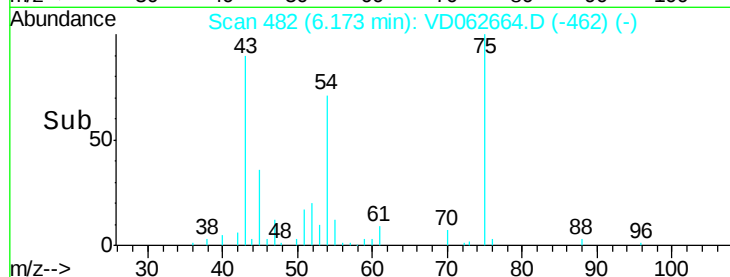
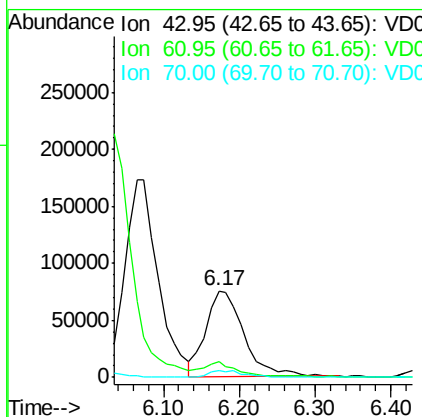
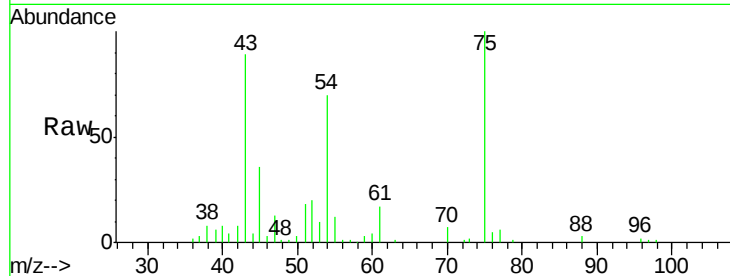




#37
 Ethyl Acetate
 Concen: 59.005 ug/l
 RT: 6.17 min Scan# 482
 Delta R.T. -0.01 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

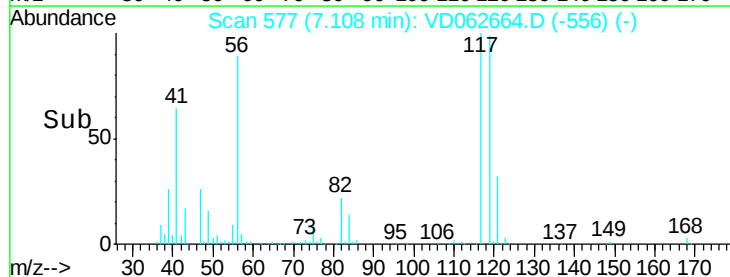
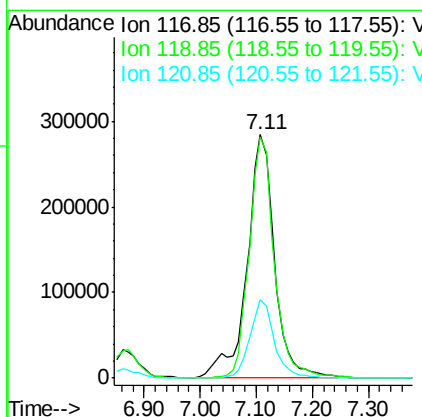
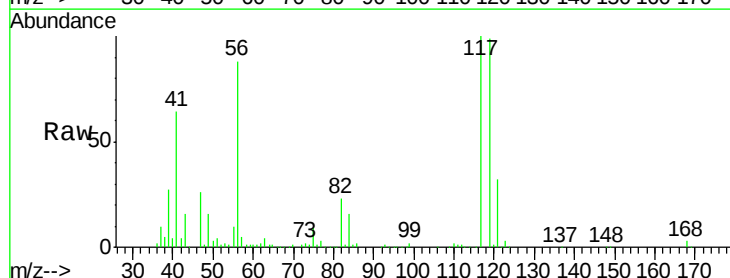
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

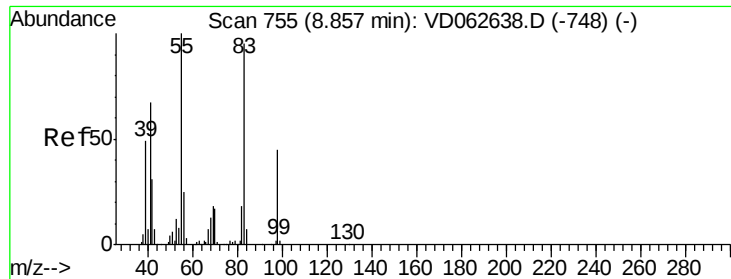
Tgt Ion: 43 Resp: 262037
 Ion Ratio Lower Upper
 43 100
 61 18.6 8.7 13.1#
 70 7.9 6.5 9.7



#38
 Carbon Tetrachloride
 Concen: 58.576 ug/l
 RT: 7.11 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

Tgt Ion: 117 Resp: 960705
 Ion Ratio Lower Upper
 117 100
 119 99.0 73.5 110.3
 121 32.4 24.2 36.4

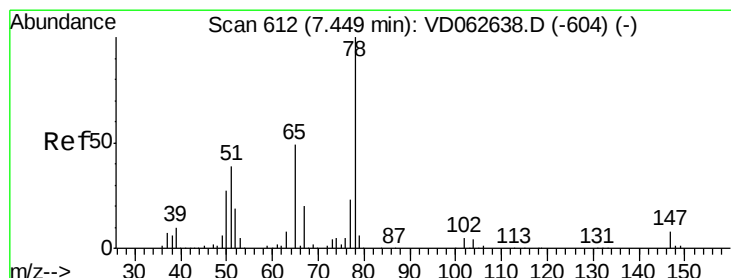
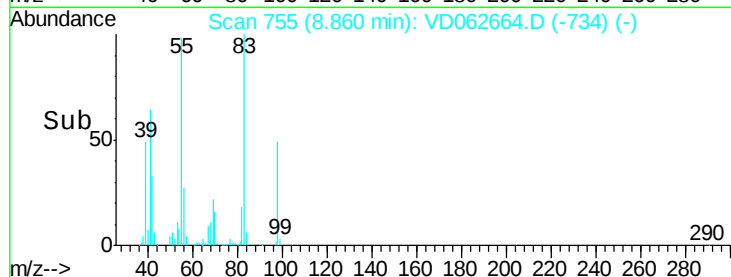
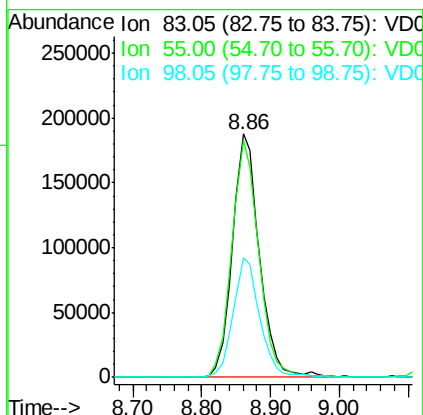
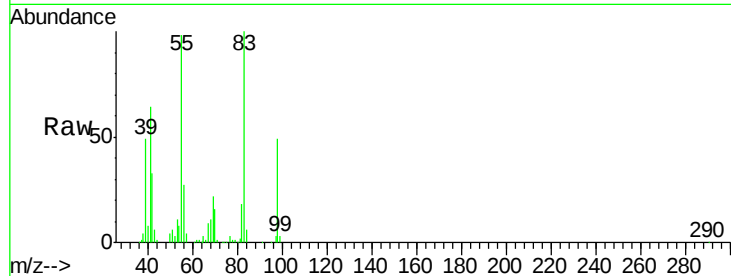




#39
Methylcyclohexane
Concen: 60.643 ug/l
RT: 8.86 min Scan# 755
Delta R.T. 0.00 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

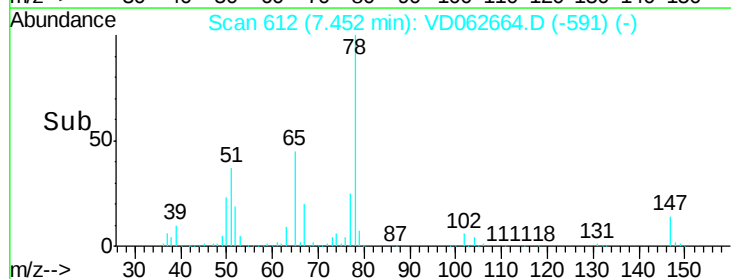
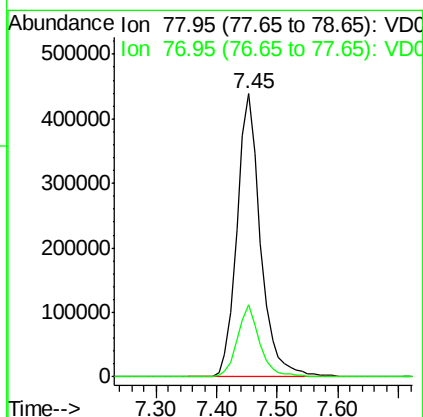
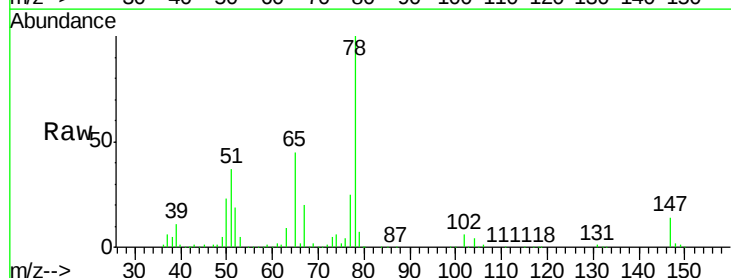
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 508503
Ion Ratio Lower Upper
83 100
55 97.6 84.6 127.0
98 48.9 38.2 57.4



#40
Benzene
Concen: 58.526 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.00 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

Tgt Ion: 78 Resp: 1185986
Ion Ratio Lower Upper
78 100
77 25.4 18.6 28.0

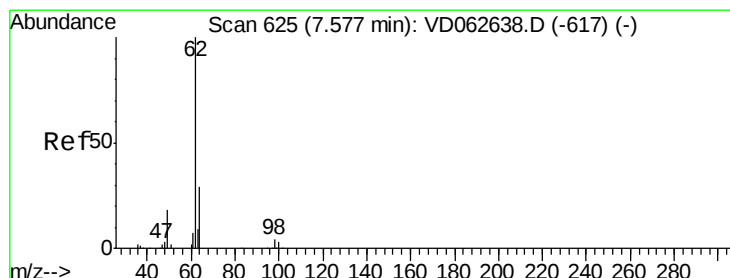
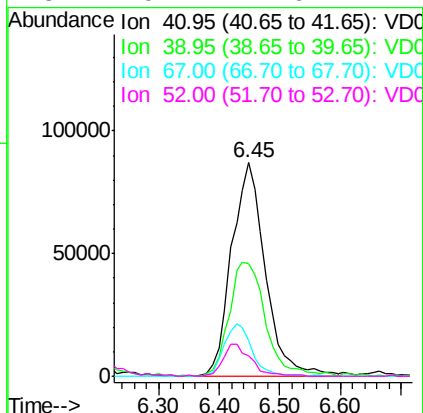
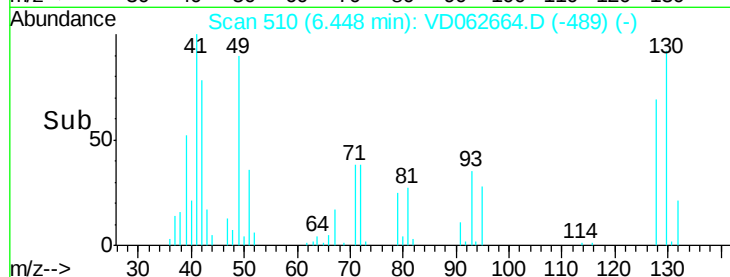
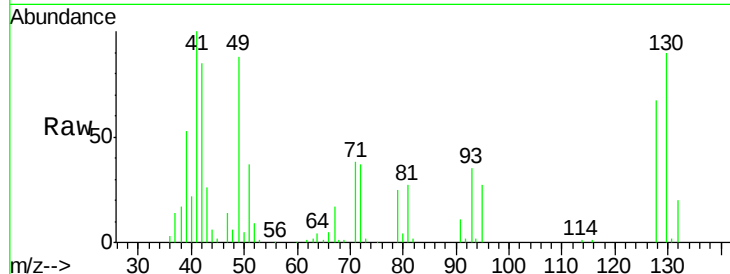




#41
Methacrylonitrile
Concen: 61.944 ug/l
RT: 6.45 min Scan# 510
Delta R.T. 0.00 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

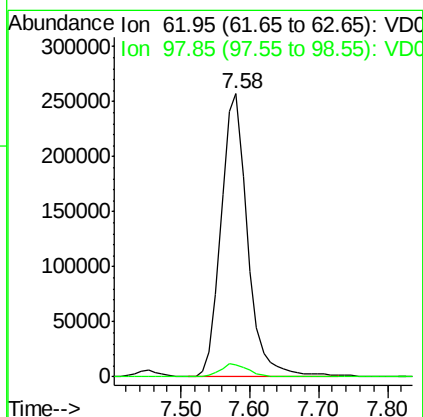
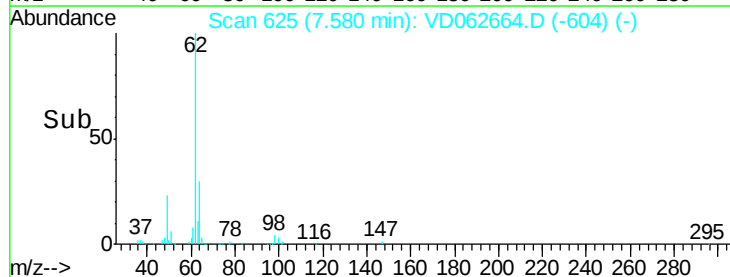
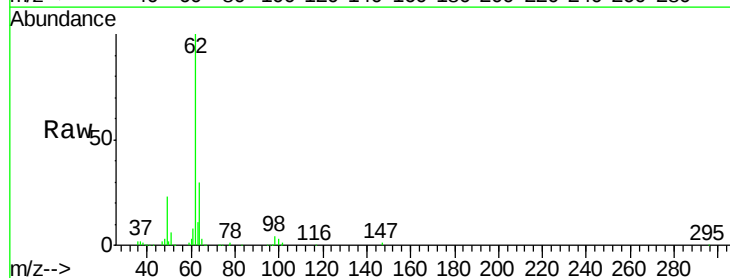
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

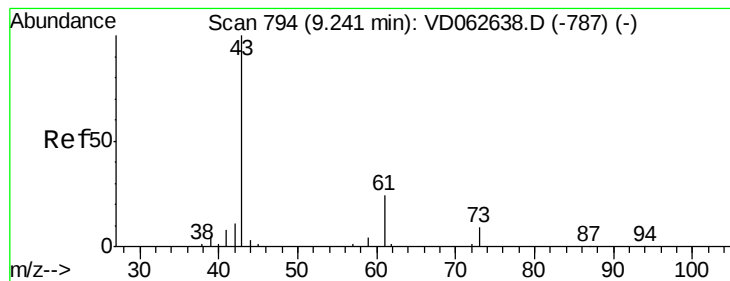
Tgt Ion:	41	Resp:	336470
Ion	Ratio	Lower	Upper
41	100		
39	52.8	49.2	73.8
67	16.6	13.9	20.9
52	9.4	7.6	11.4



#42
1,2-Dichloroethane
Concen: 57.125 ug/l
RT: 7.58 min Scan# 625
Delta R.T. 0.00 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

Tgt Ion:	62	Resp:	689964
Ion	Ratio	Lower	Upper
62	100		
98	4.5	0.0	7.4





#43

Isopropyl Acetate

Concen: 63.265 ug/l

RT: 9.24 min Scan# 794

Delta R.T. 0.00 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

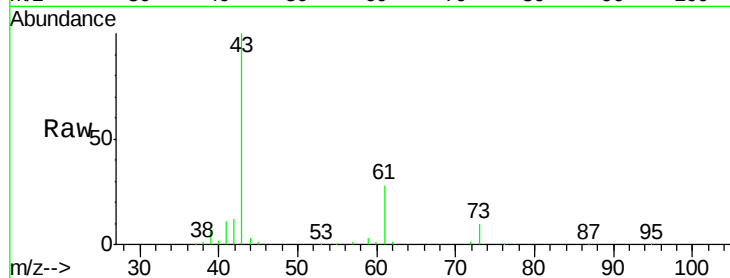
Tgt Ion: 43 Resp: 346378

Ion Ratio Lower Upper

43 100

61 28.4 19.0 28.6

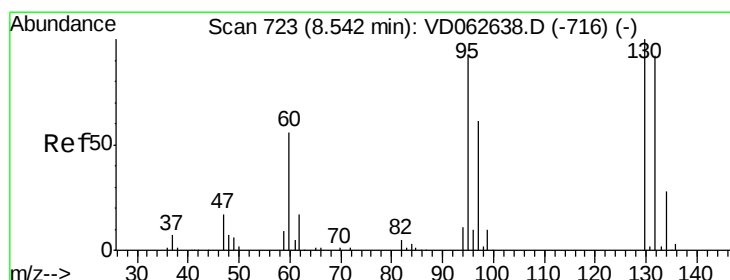
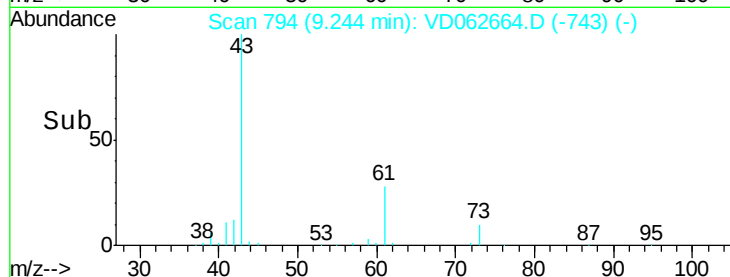
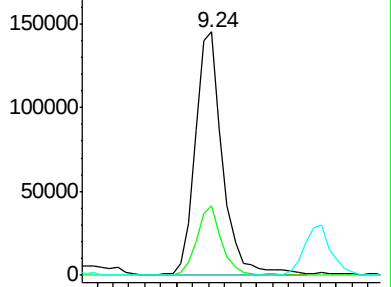
87 0.3 0.3 0.5



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: 58.367 ug/l

RT: 8.54 min Scan# 722

Delta R.T. -0.01 min

Lab File: VD062664.D

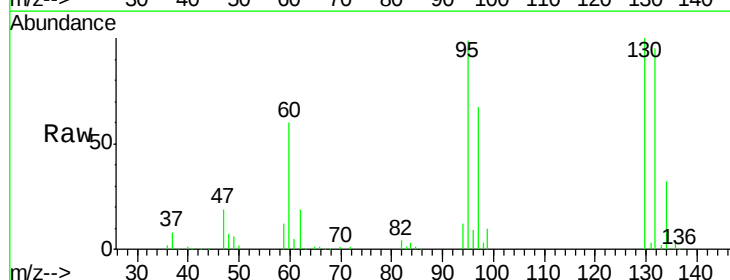
Acq: 10 Jun 2019 20:05

Tgt Ion: 130 Resp: 480170

Ion Ratio Lower Upper

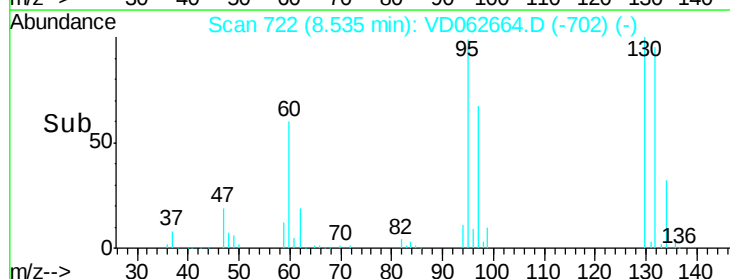
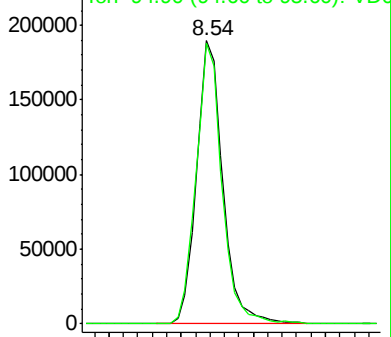
130 100

95 99.3 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 60.883 ug/l

RT: 8.94 min Scan# 763

Delta R.T. 0.00 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

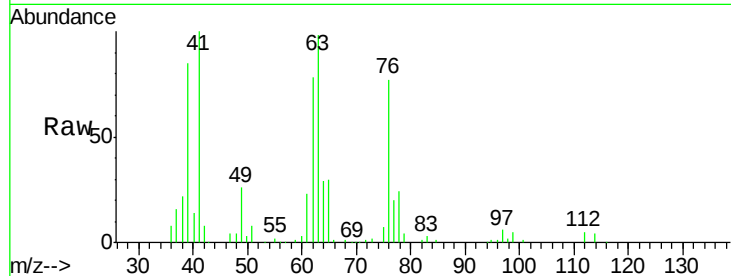
VSTDCCC050EC

Tgt Ion: 63 Resp: 296344

Ion Ratio Lower Upper

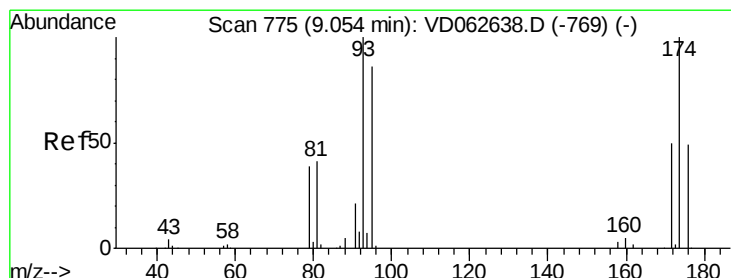
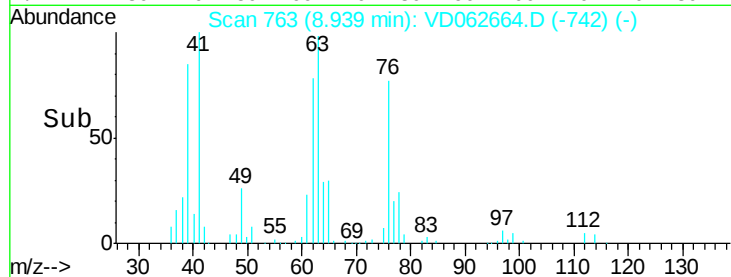
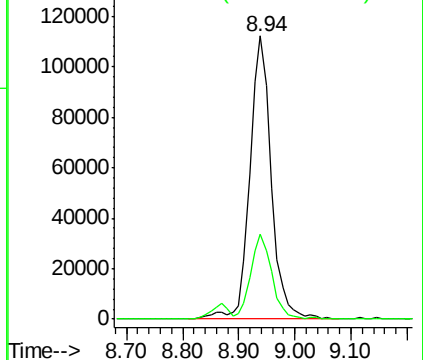
63 100

65 30.2 24.6 37.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 61.509 ug/l

RT: 9.06 min Scan# 775

Delta R.T. 0.00 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

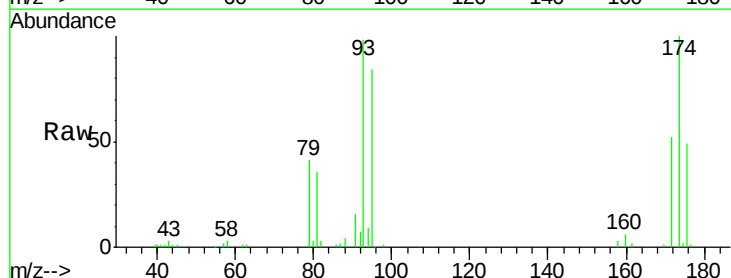
Tgt Ion: 93 Resp: 265752

Ion Ratio Lower Upper

93 100

95 85.4 68.7 103.1

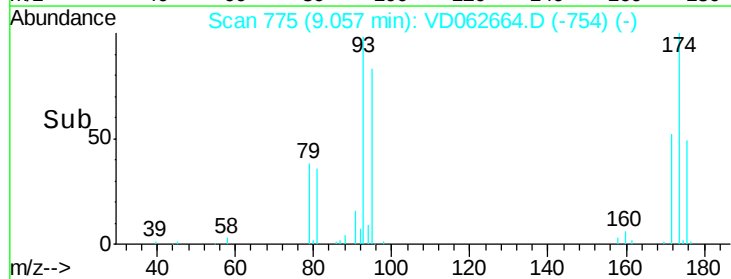
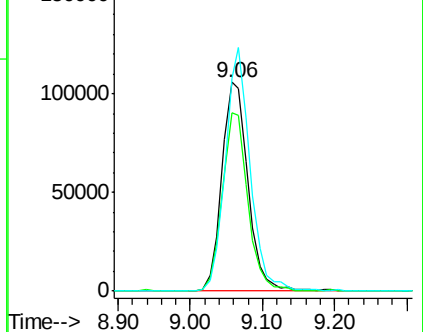
174 102.1 79.8 119.8

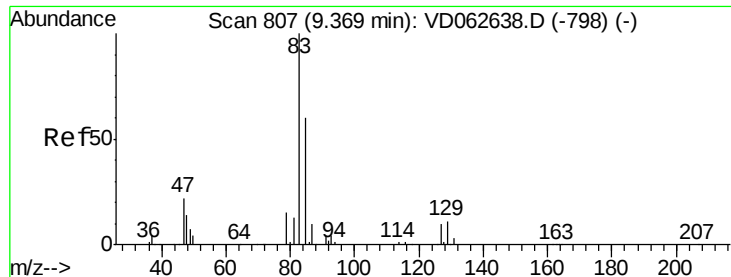


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 60.914 ug/l

RT: 9.37 min Scan# 807

Delta R.T. 0.00 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

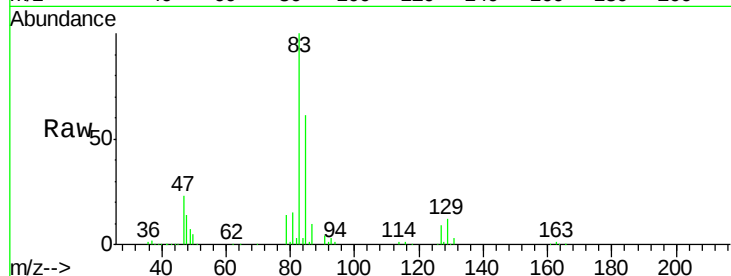
Tgt Ion: 83 Resp: 715931

Ion Ratio Lower Upper

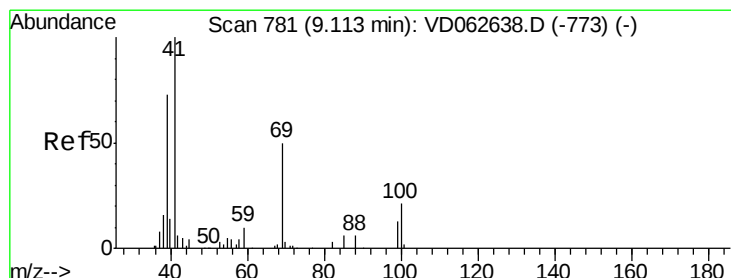
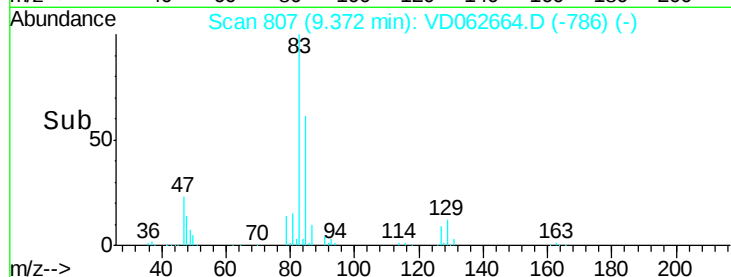
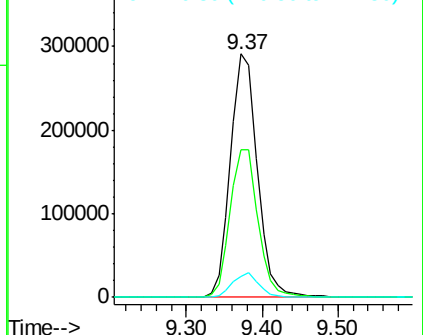
83 100

85 60.9 47.9 71.9

127 8.8 8.2 12.4



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: 60.187 ug/l

RT: 9.12 min Scan# 781

Delta R.T. 0.00 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

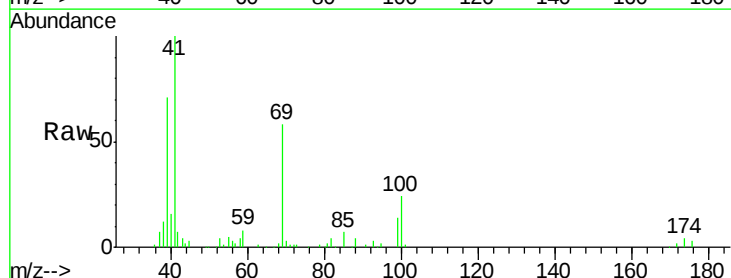
Tgt Ion: 41 Resp: 238065

Ion Ratio Lower Upper

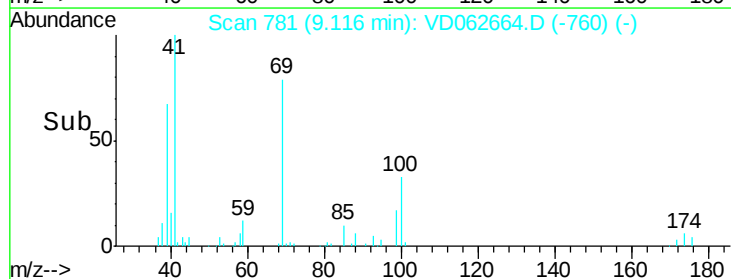
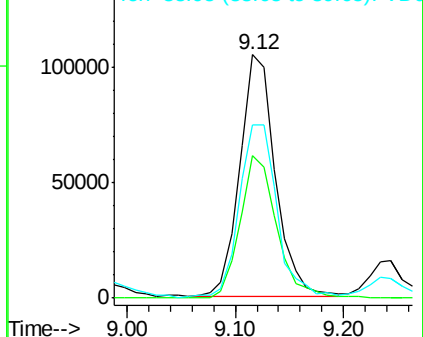
41 100

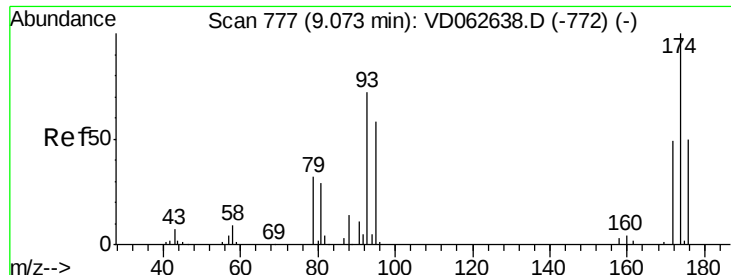
69 58.4 39.8 59.6

39 70.9 59.1 88.7



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

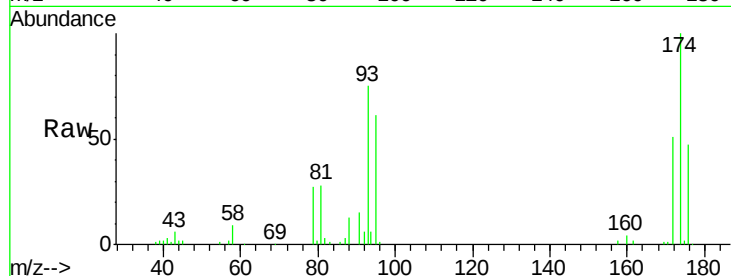




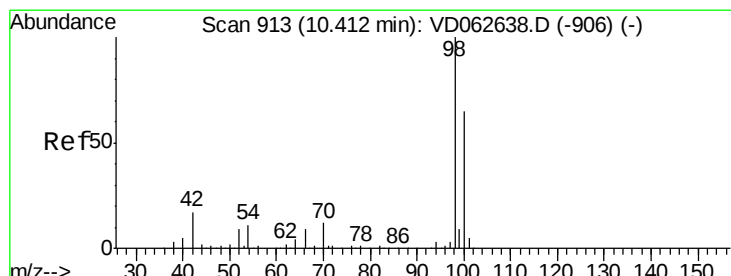
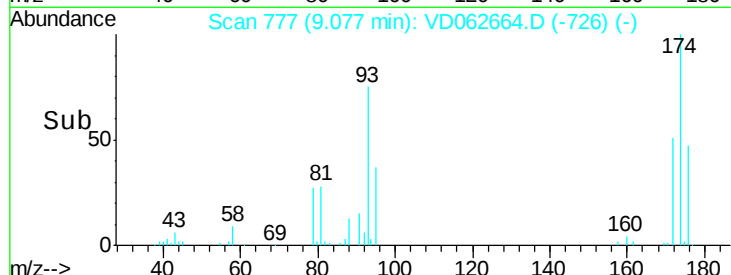
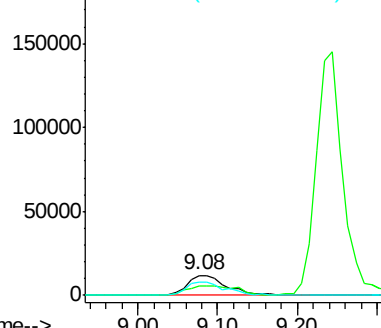
#49
1,4-Dioxane
Concen: 1147.830 ug/l
RT: 9.08 min Scan# 777
Delta R.T. 0.00 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 40859
Ion Ratio Lower Upper
88 100
43 46.8 40.7 61.1
58 64.9 54.2 81.4

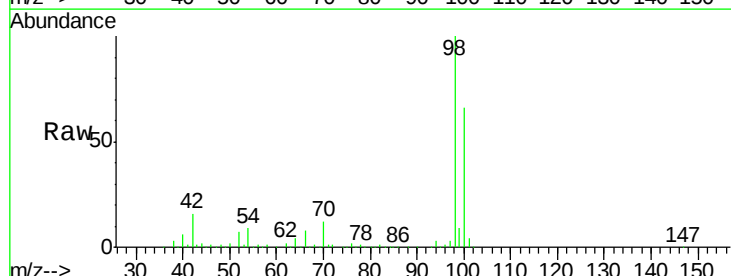


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

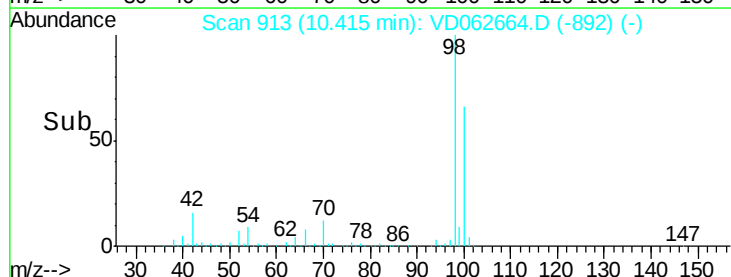
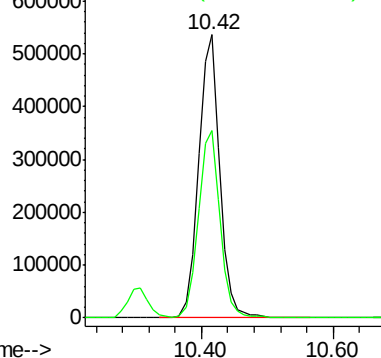


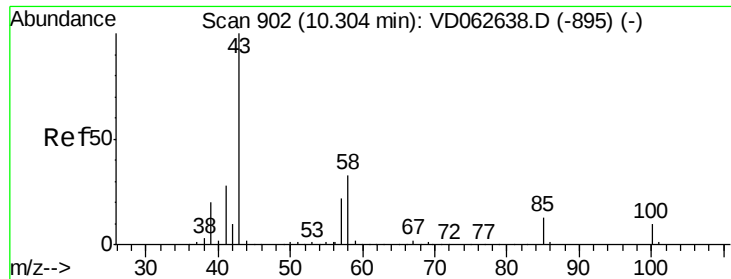
#50
Toluene-d8
Concen: 59.761 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

Tgt Ion: 98 Resp: 1202060
Ion Ratio Lower Upper
98 100
100 66.4 52.1 78.1



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

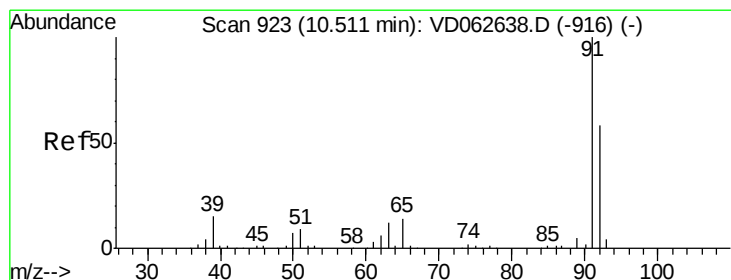
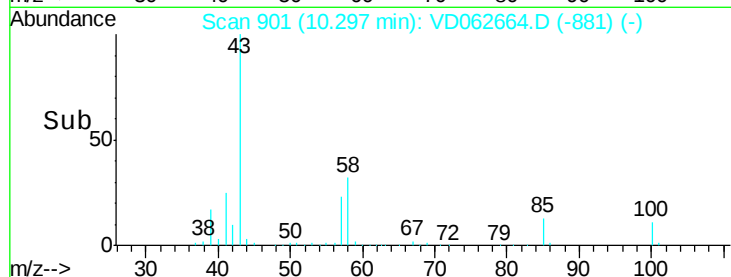
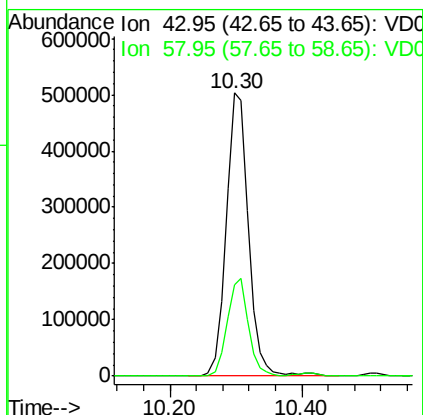
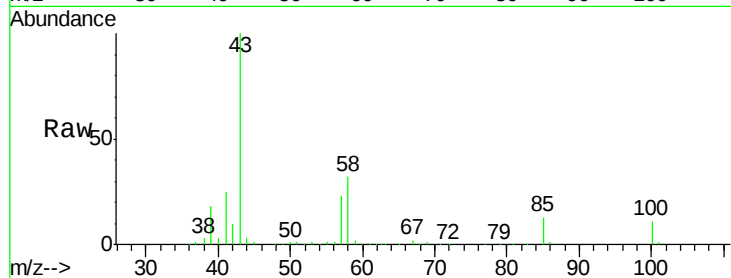




#51
4-Methyl-2-Pentanone
Concen: 310.672 ug/l
RT: 10.30 min Scan# 901
Delta R.T. -0.01 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

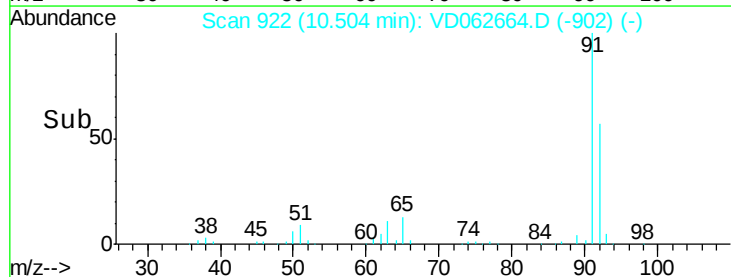
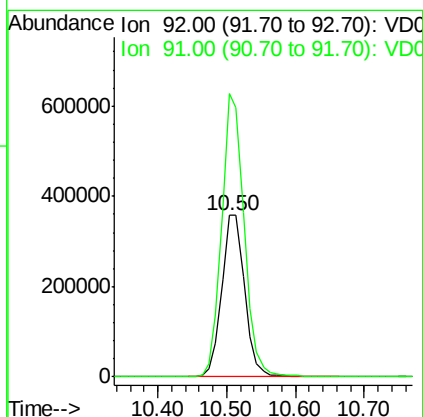
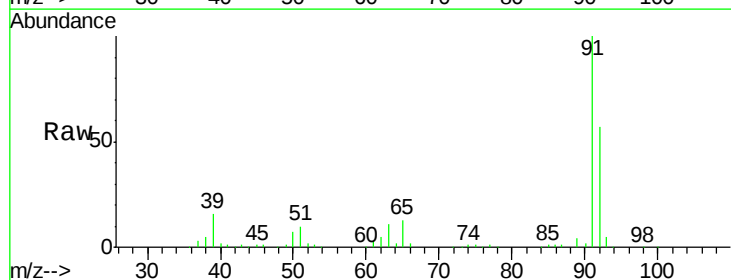
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1190188
Ion Ratio Lower Upper
43 100
58 32.1 26.1 39.1



#52
Toluene
Concen: 60.625 ug/l
RT: 10.50 min Scan# 922
Delta R.T. -0.01 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

Tgt Ion: 92 Resp: 825794
Ion Ratio Lower Upper
92 100
91 175.3 137.0 205.6

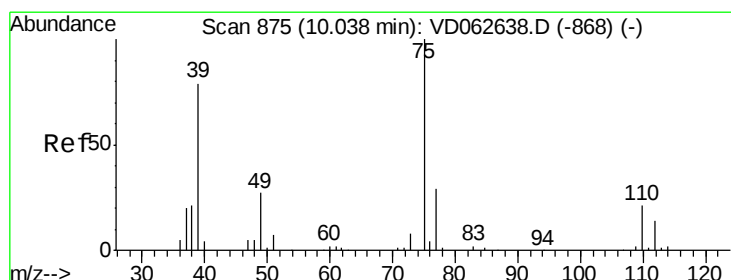
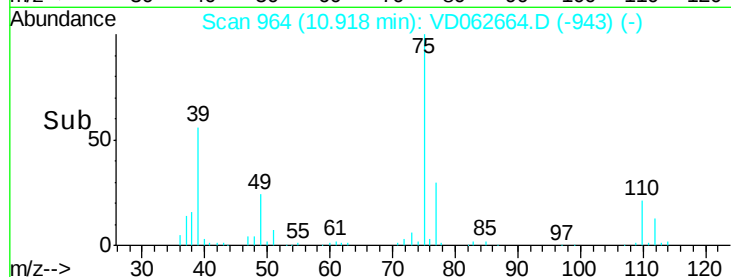
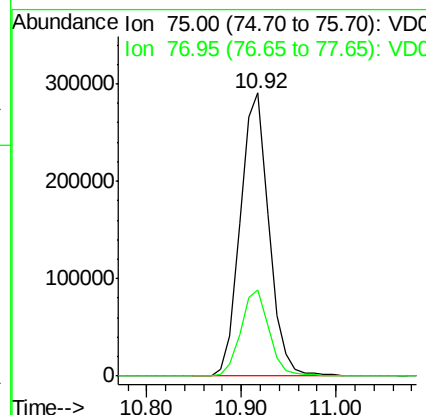
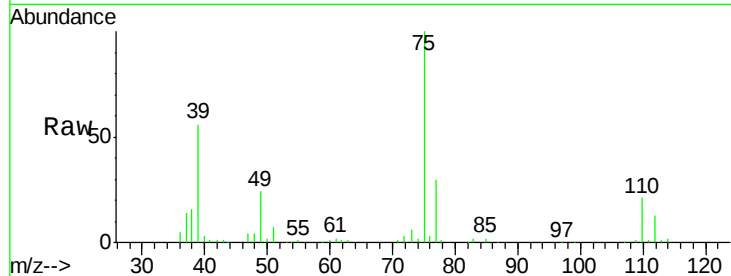




#53
 t-1,3-Dichloropropene
 Concen: 63.149 ug/l
 RT: 10.92 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

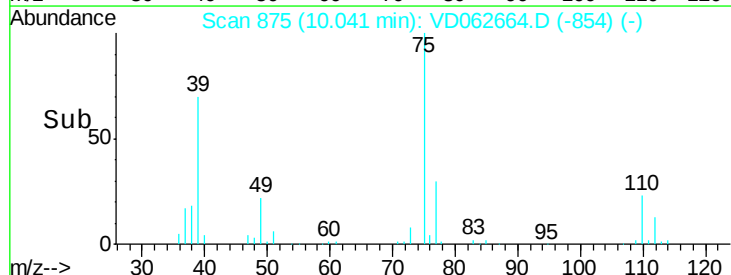
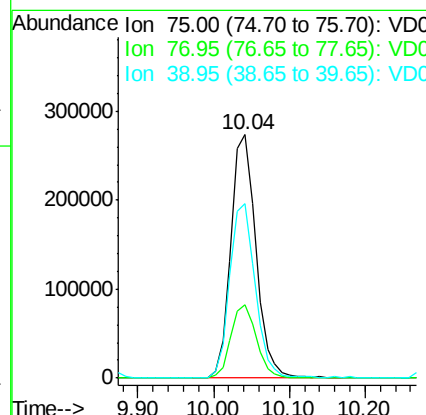
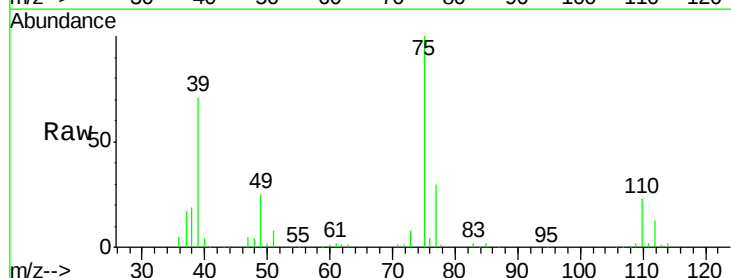
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

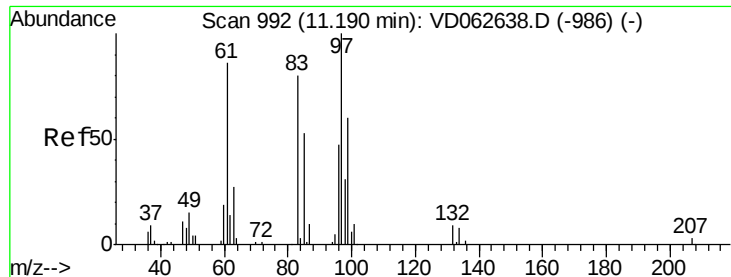
Tgt Ion: 75 Resp: 608522
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 63.086 ug/l
 RT: 10.04 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

Tgt Ion: 75 Resp: 628298
 Ion Ratio Lower Upper
 75 100
 77 30.2 23.1 34.7
 39 71.5 63.4 95.2

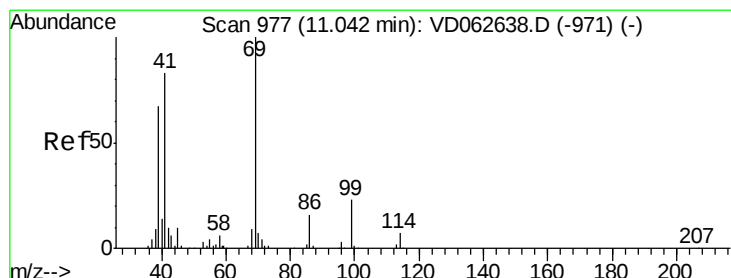
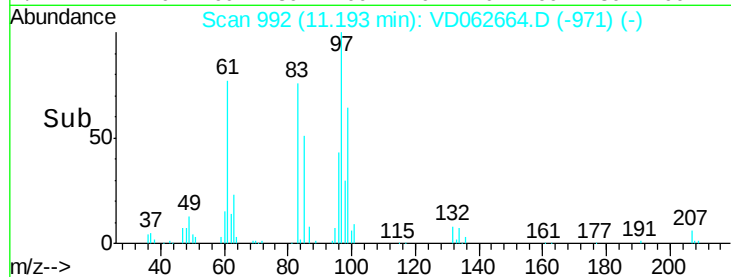
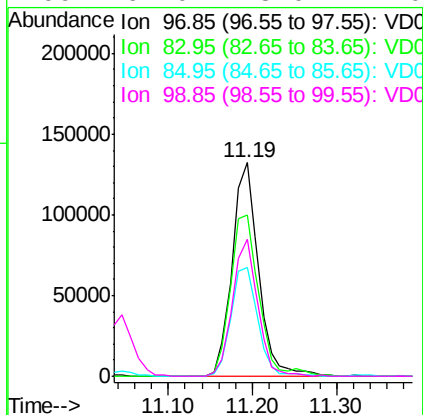
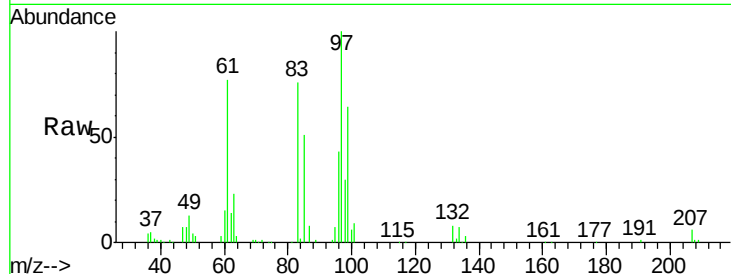




#55
 1,1,2-Trichloroethane
 Concen: 61.867 ug/l
 RT: 11.19 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

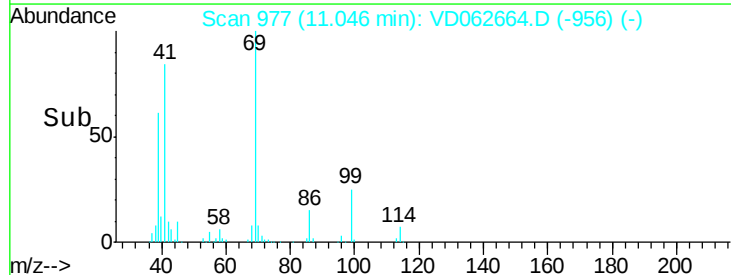
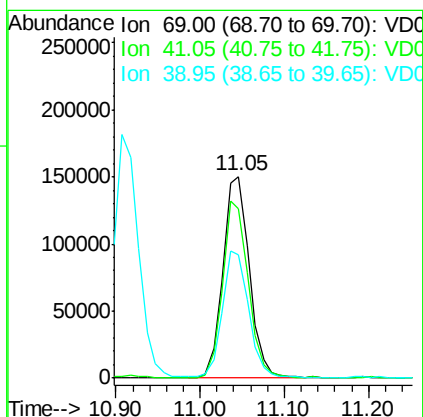
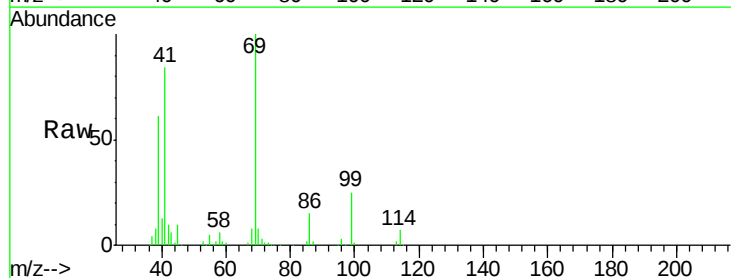
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

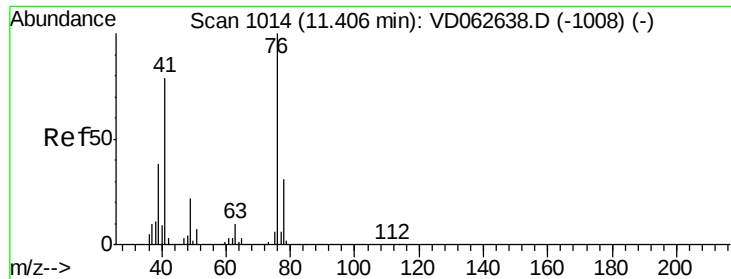
Tgt Ion: 97 Resp: 289002
 Ion Ratio Lower Upper
 97 100
 83 75.8 63.8 95.8
 85 50.8 42.3 63.5
 99 64.0 48.0 72.0



#56
 Ethyl methacrylate
 Concen: 57.666 ug/l
 RT: 11.05 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

Tgt Ion: 69 Resp: 328258
 Ion Ratio Lower Upper
 69 100
 41 83.8 66.2 99.4
 39 61.0 53.8 80.8

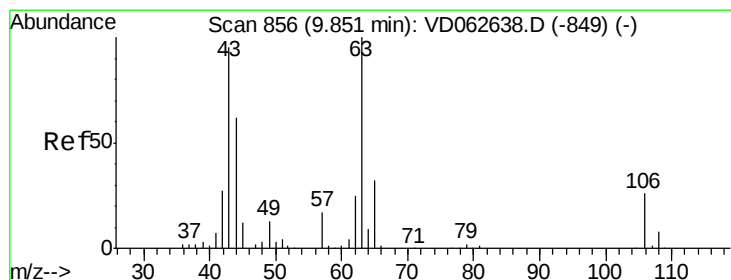
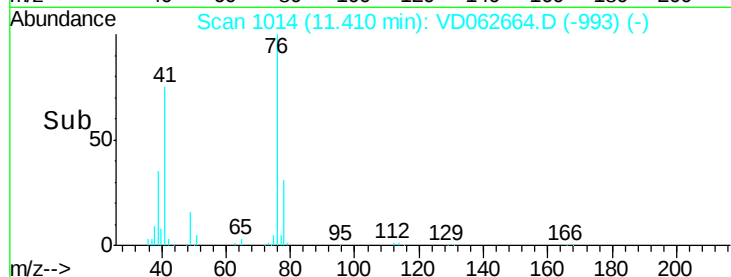
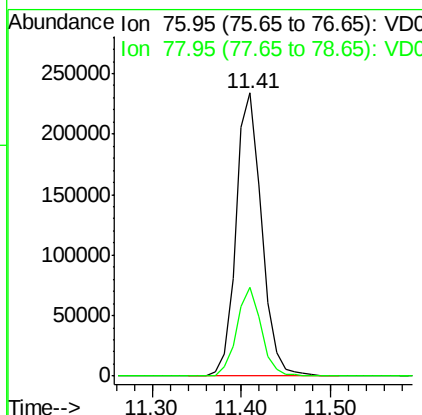
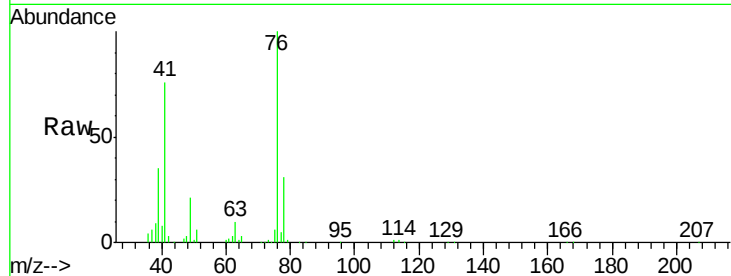




#57
 1,3-Dichloropropane
 Concen: 64.749 ug/l
 RT: 11.41 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

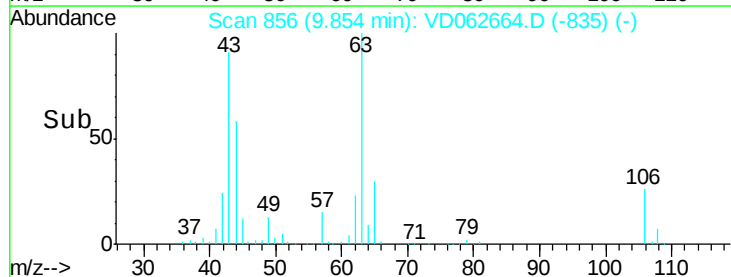
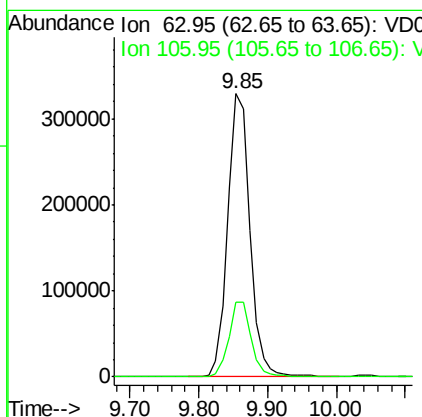
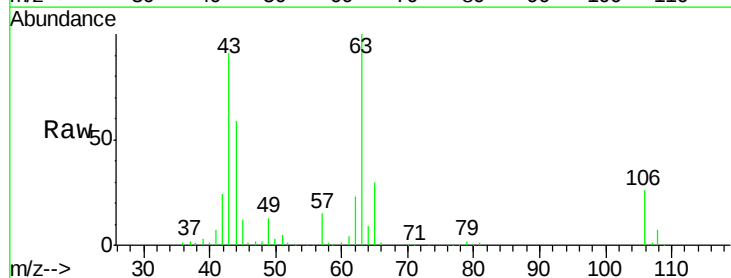
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

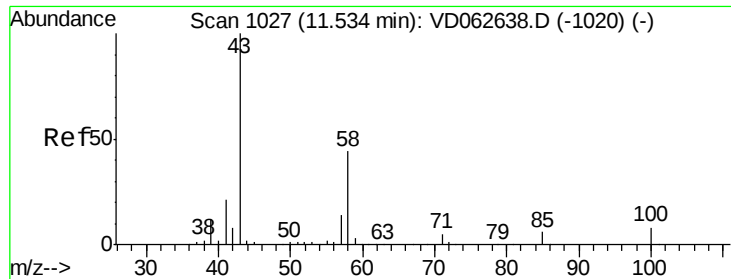
Tgt Ion: 76 Resp: 468791
 Ion Ratio Lower Upper
 76 100
 78 31.2 24.9 37.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 294.876 ug/l
 RT: 9.85 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

Tgt Ion: 63 Resp: 736215
 Ion Ratio Lower Upper
 63 100
 106 26.3 20.5 30.7

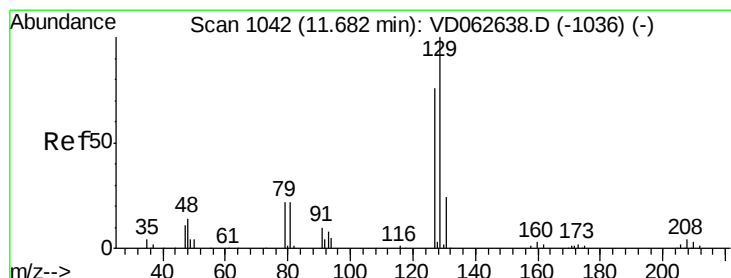
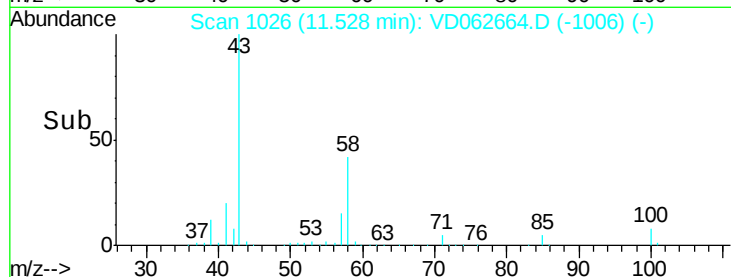
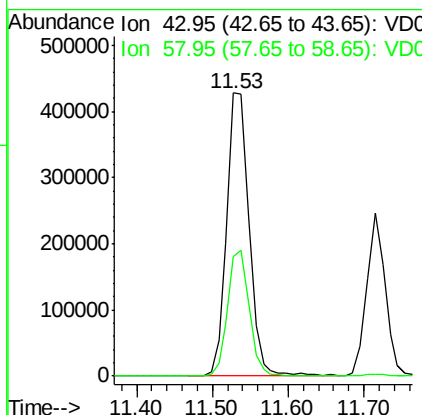
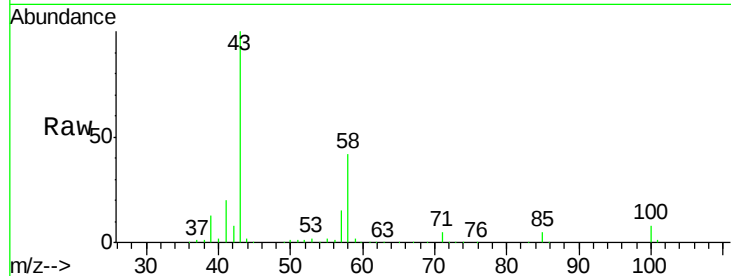




#59
2-Hexanone
Concen: 308.184 ug/l
RT: 11.53 min Scan# 1026
Delta R.T. -0.01 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

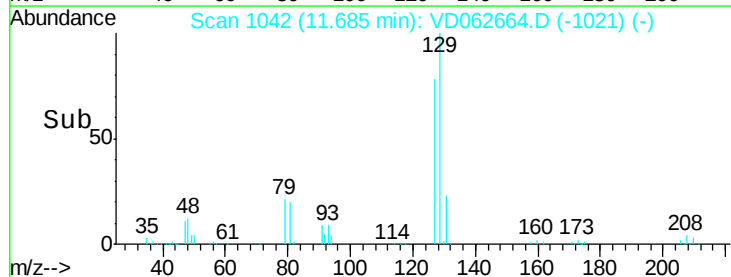
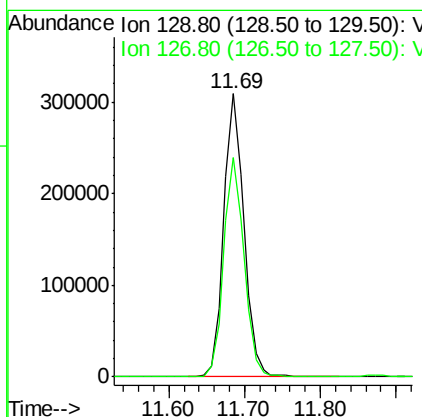
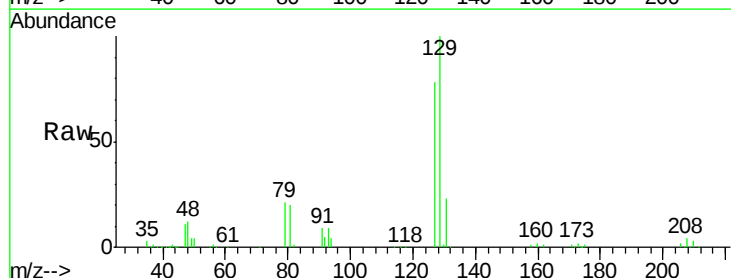
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

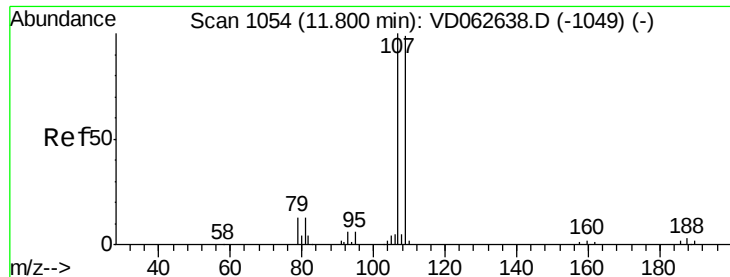
Tgt Ion: 43 Resp: 878246
Ion Ratio Lower Upper
43 100
58 42.3 21.8 65.4



#60
Dibromochloromethane
Concen: 62.011 ug/l
RT: 11.69 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

Tgt Ion: 129 Resp: 571823
Ion Ratio Lower Upper
129 100
127 77.7 38.0 114.1

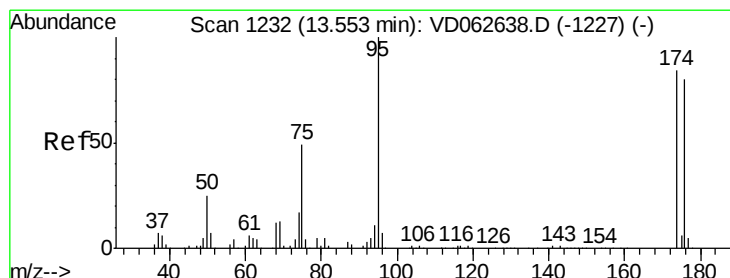
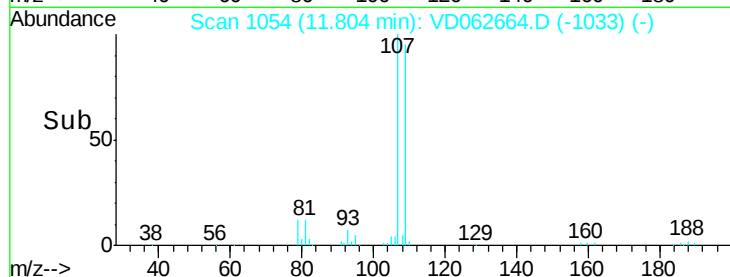
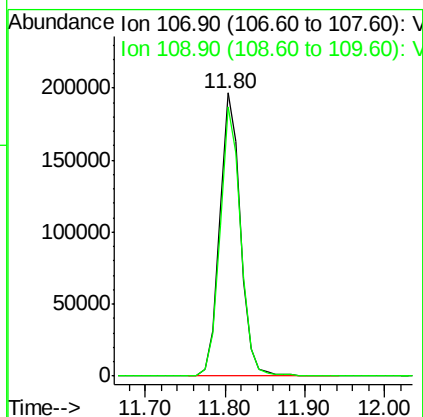
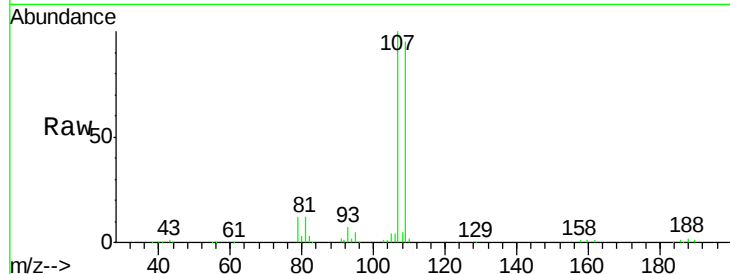




#61
 1,2-Dibromoethane
 Concen: 64.563 ug/l
 RT: 11.80 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

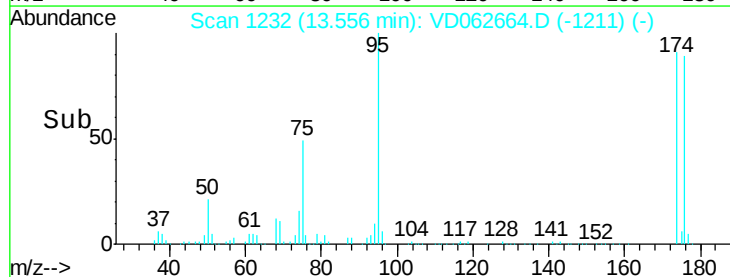
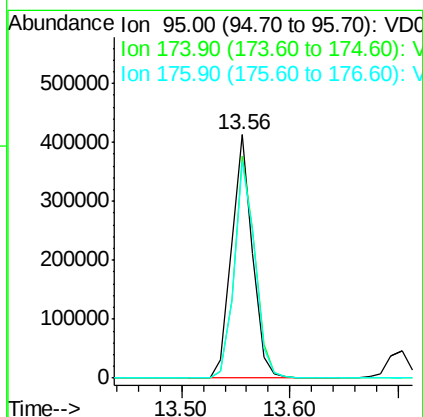
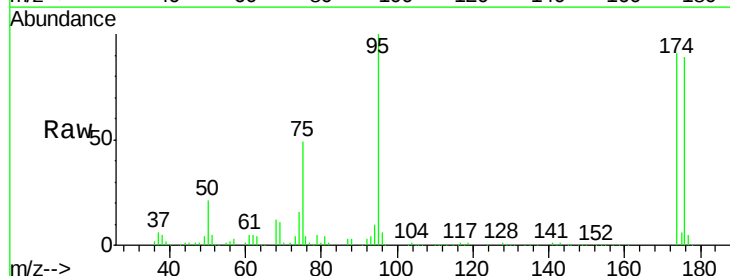
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

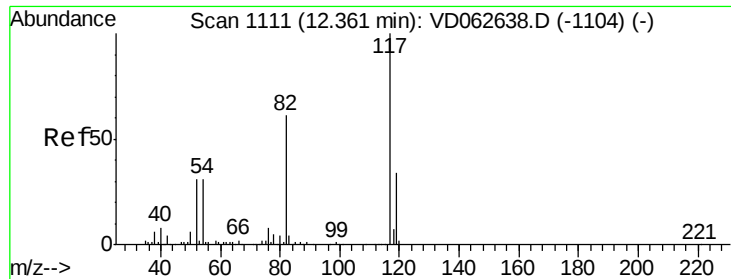
Tgt Ion: 107 Resp: 360959
 Ion Ratio Lower Upper
 107 100
 109 95.0 79.2 118.8



#62
 4-Bromofluorobenzene
 Concen: 58.893 ug/l
 RT: 13.56 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

Tgt Ion: 95 Resp: 552662
 Ion Ratio Lower Upper
 95 100
 174 91.0 0.0 167.0
 176 89.2 0.0 159.2

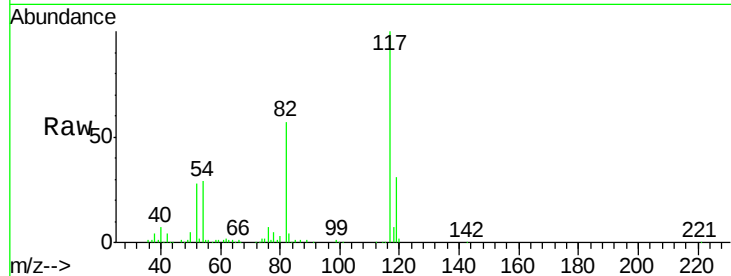




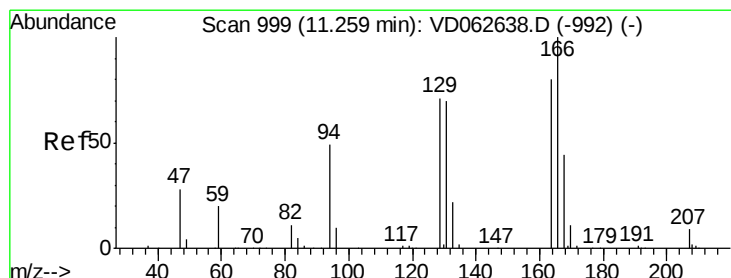
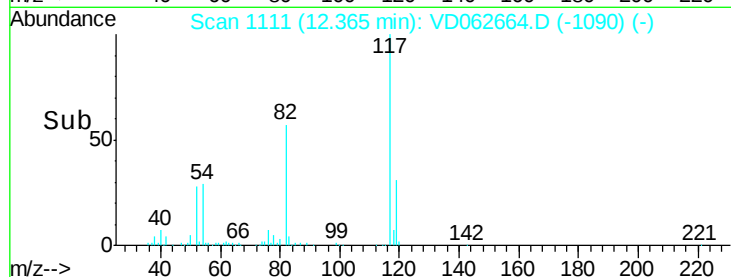
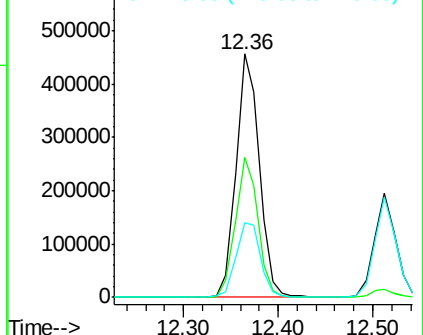
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 775172
Ion Ratio Lower Upper
117 100
82 57.4 48.7 73.1
119 30.9 27.0 40.6

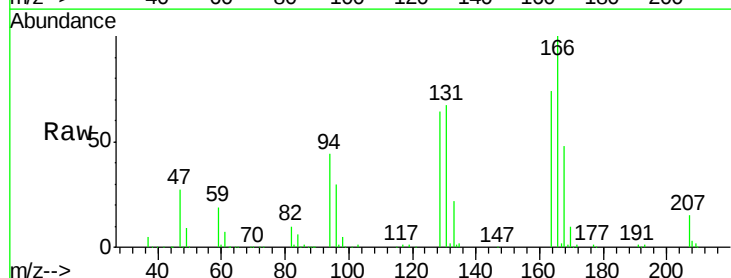


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

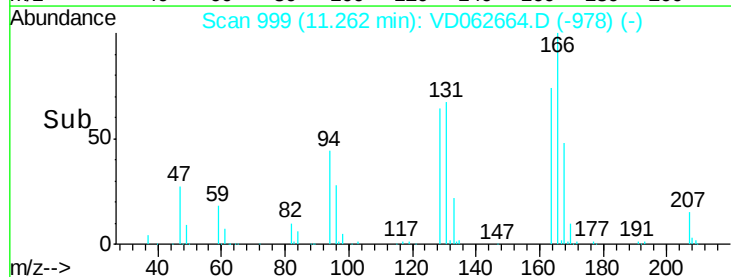
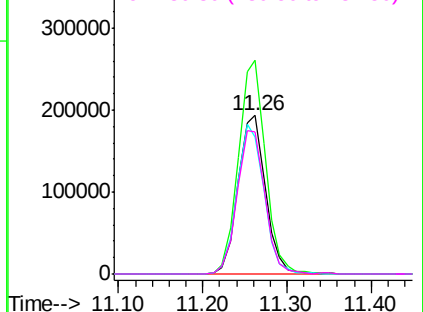


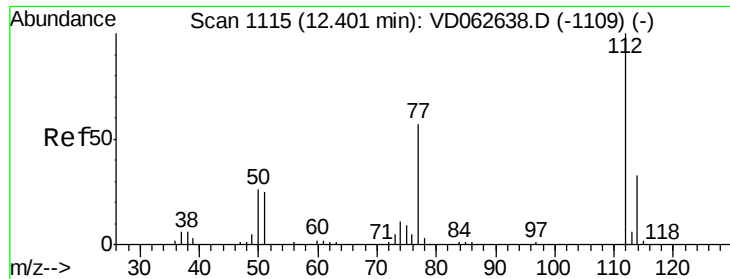
#64
Tetrachloroethene
Concen: 60.466 ug/l
RT: 11.26 min Scan# 999
Delta R.T. 0.00 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

Tgt Ion:164 Resp: 438773
Ion Ratio Lower Upper
164 100
166 135.1 99.4 149.2
129 86.5 70.2 105.4
131 90.0 69.3 103.9



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

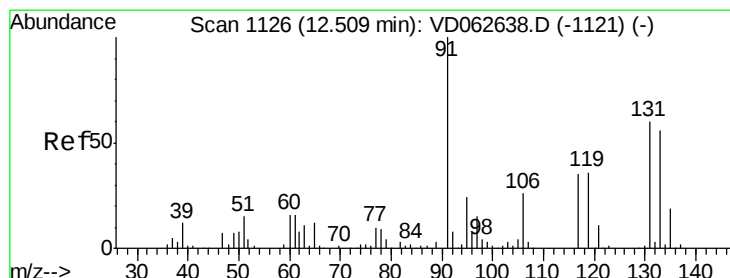
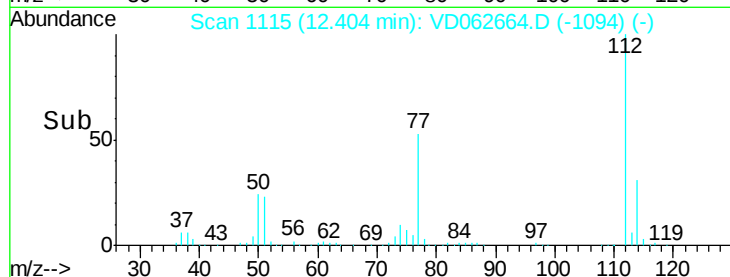
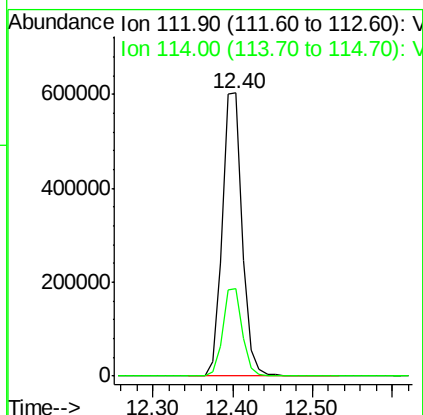
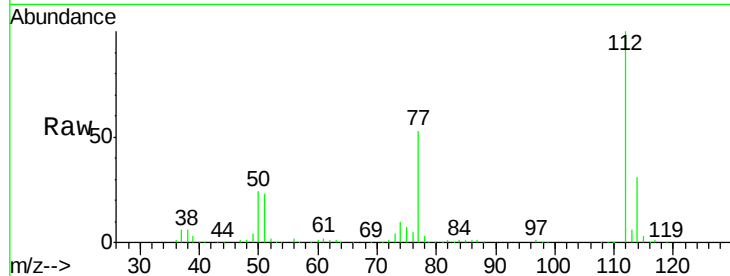




#65
Chlorobenzene
Concen: 62.227 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. 0.00 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

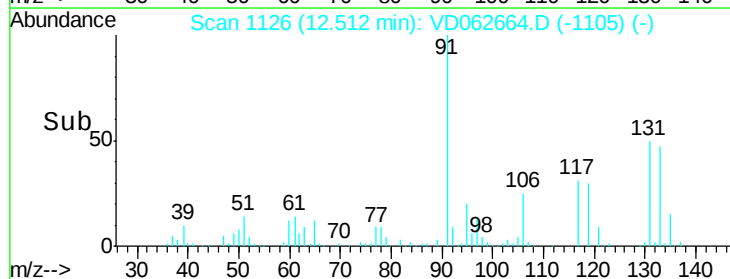
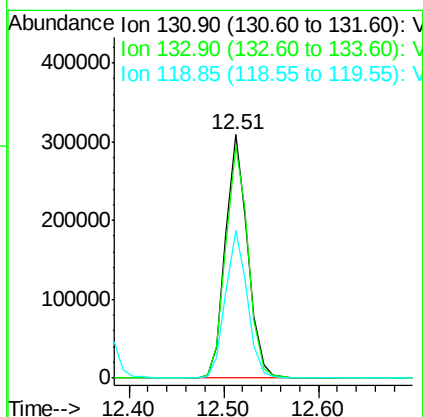
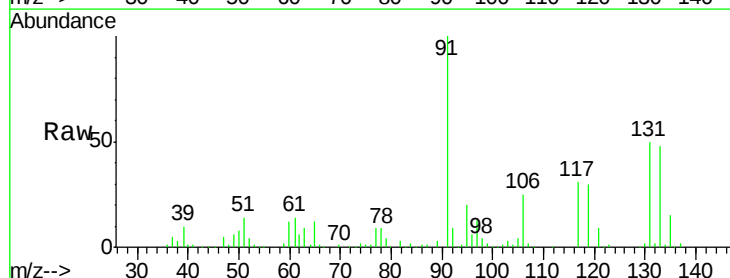
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

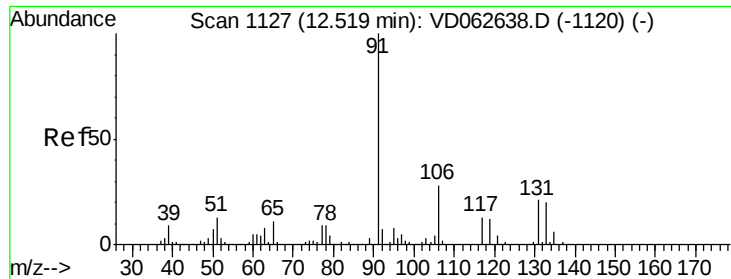
Tgt Ion:112 Resp: 1066975
Ion Ratio Lower Upper
112 100
114 31.0 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 61.063 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. 0.00 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

Tgt Ion:131 Resp: 499354
Ion Ratio Lower Upper
131 100
133 95.5 46.8 140.3
119 60.8 29.9 89.8

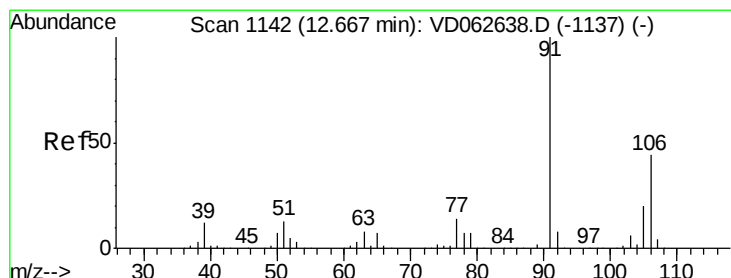
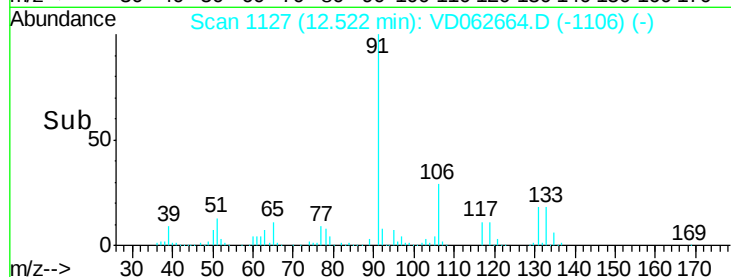
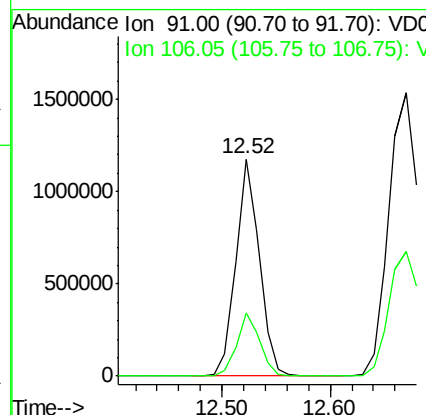
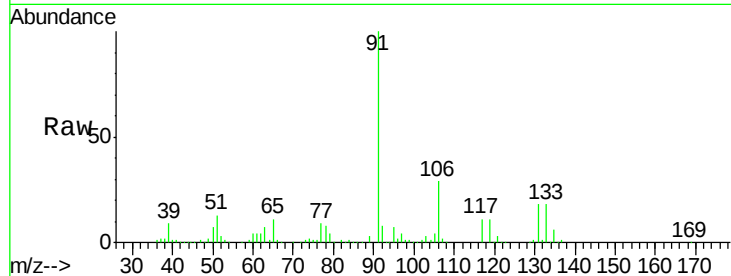




#67
Ethyl Benzene
Concen: 58.663 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

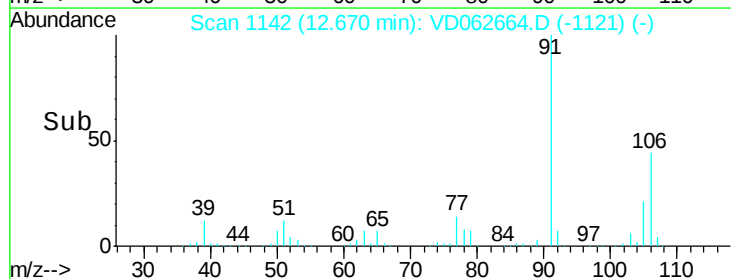
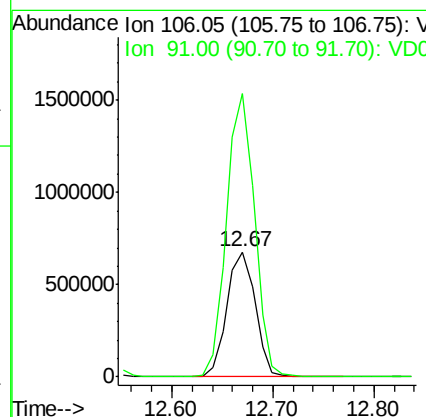
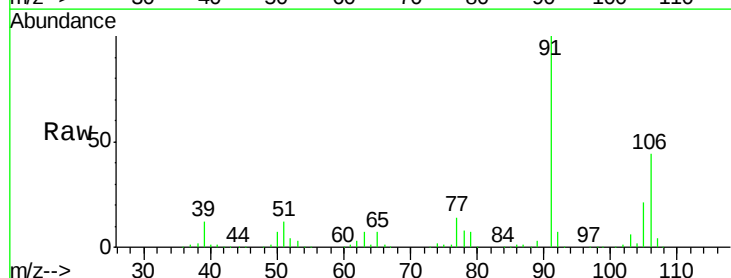
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

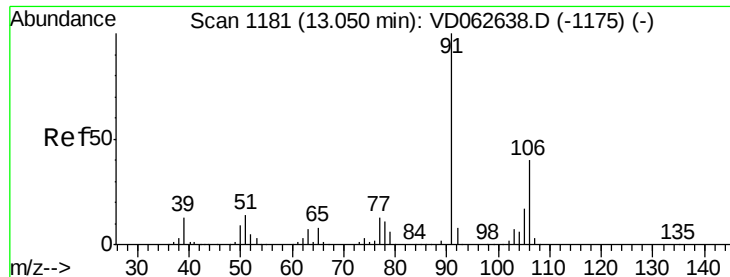
Tgt Ion: 91 Resp: 1783397
Ion Ratio Lower Upper
91 100
106 29.1 22.1 33.1



#68
m/p-Xylenes
Concen: 123.949 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

Tgt Ion: 106 Resp: 1324718
Ion Ratio Lower Upper
106 100
91 226.0 180.2 270.4

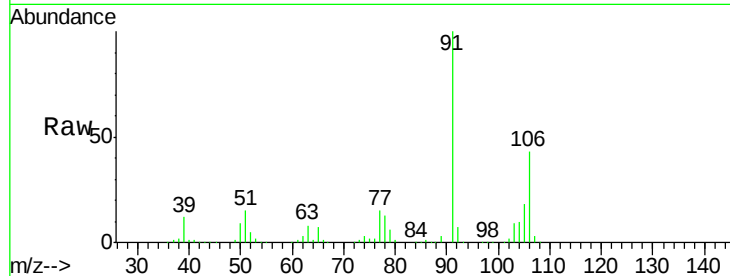




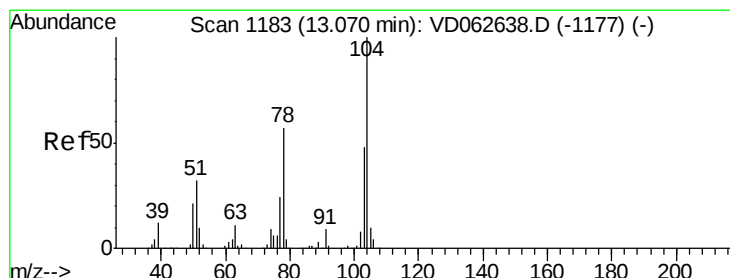
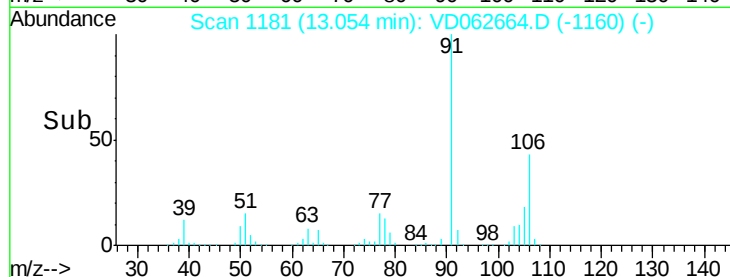
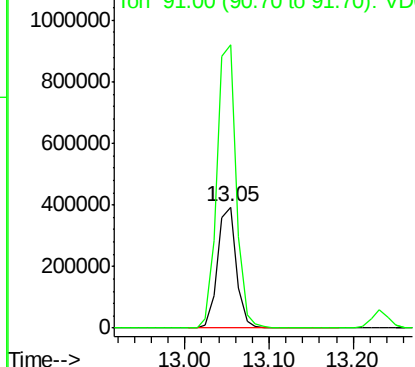
#69
o-Xylene
Concen: 62.235 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 610866
Ion Ratio Lower Upper
106 100
91 234.3 124.1 372.1

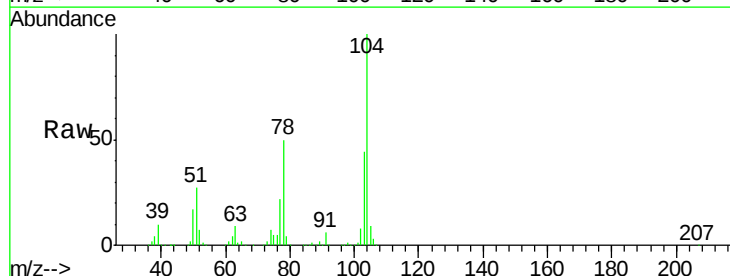


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

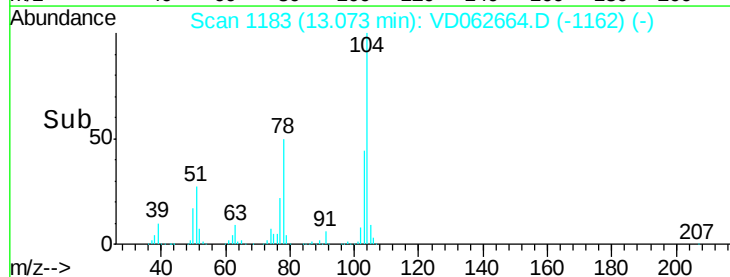
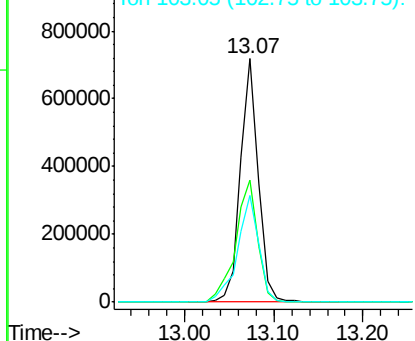


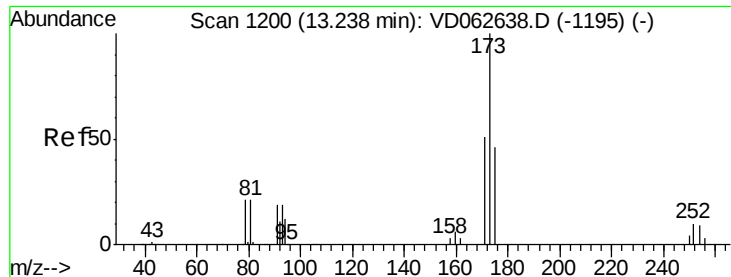
#70
Styrene
Concen: 57.265 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

Tgt Ion:104 Resp: 1002927
Ion Ratio Lower Upper
104 100
78 50.0 45.9 68.9
103 43.9 38.4 57.6



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

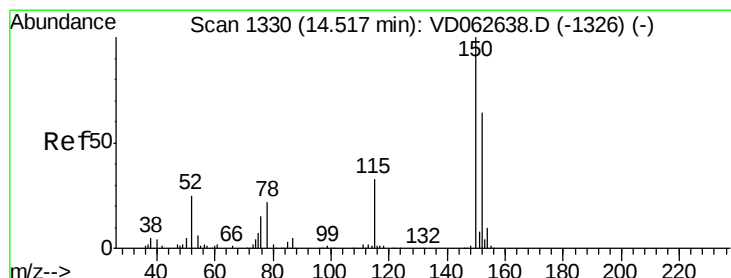
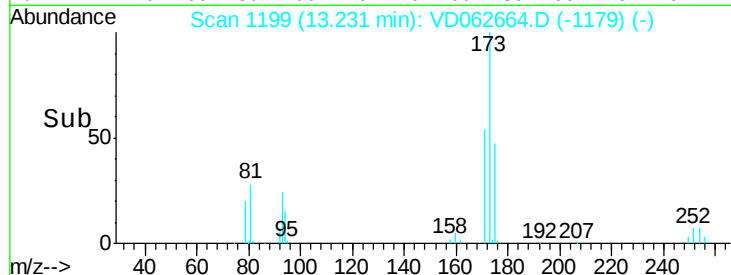
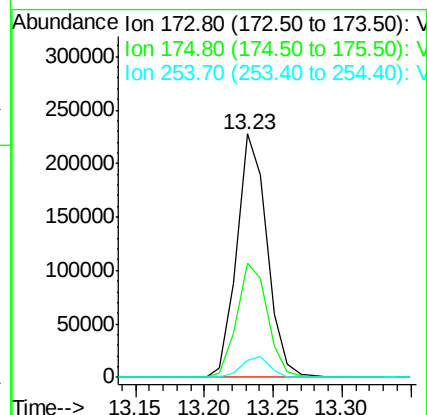
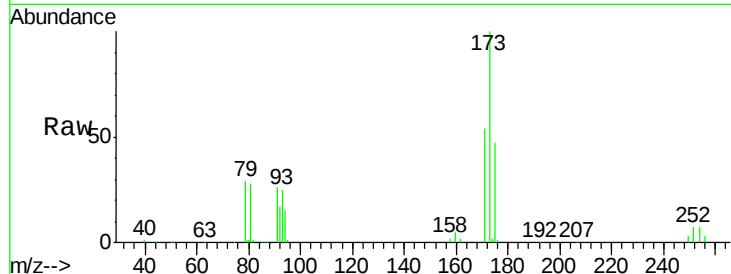




#71
Bromoform
Concen: 55.252 ug/l
RT: 13.23 min Scan# 1199
Delta R.T. -0.01 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

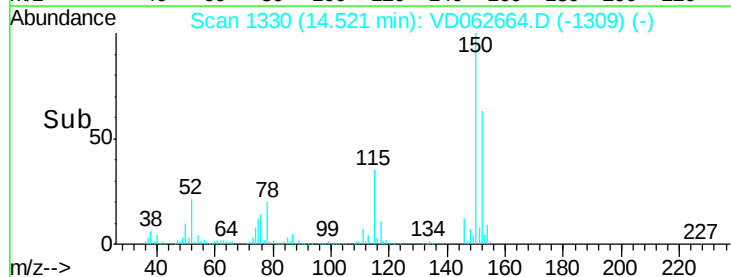
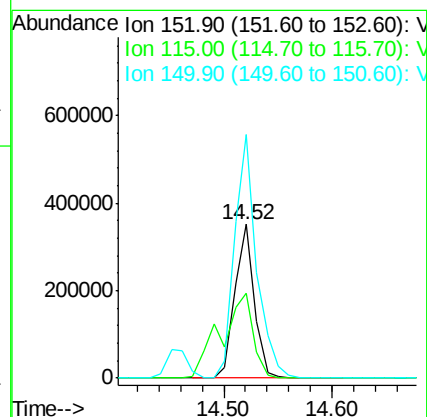
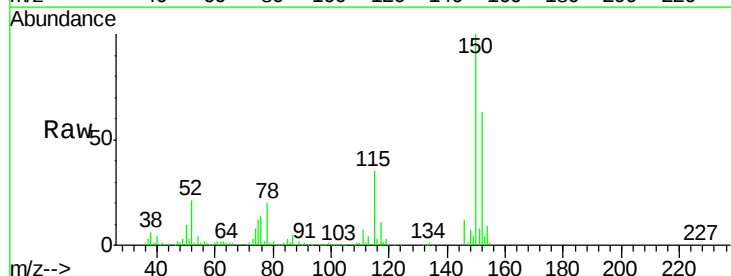
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

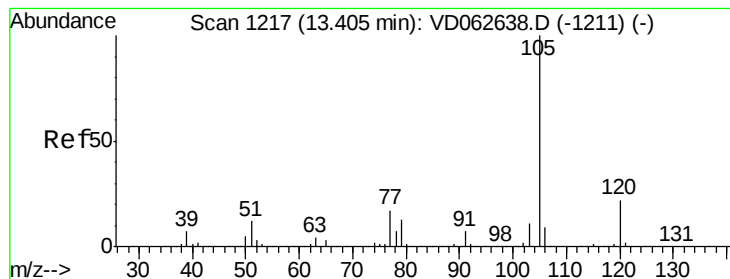
Tgt Ion:173 Resp: 348601
Ion Ratio Lower Upper
173 100
175 47.0 22.9 68.7
254 7.2 7.0 10.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

Tgt Ion:152 Resp: 437776
Ion Ratio Lower Upper
152 100
115 55.3 30.1 90.5
150 158.4 0.0 314.0





#73

Isopropylbenzene

Concen: 64.219 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

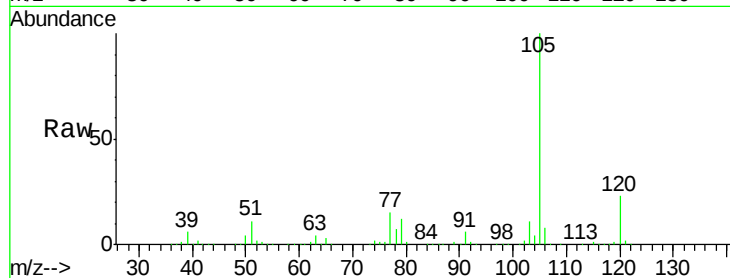
VSTDCCC050EC

Tgt Ion:105 Resp: 1981581

Ion Ratio Lower Upper

105 100

120 23.3 10.9 32.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.41

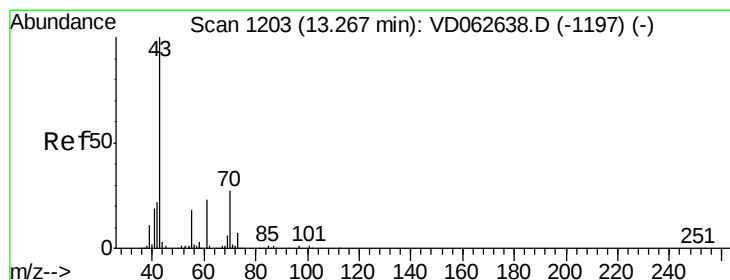
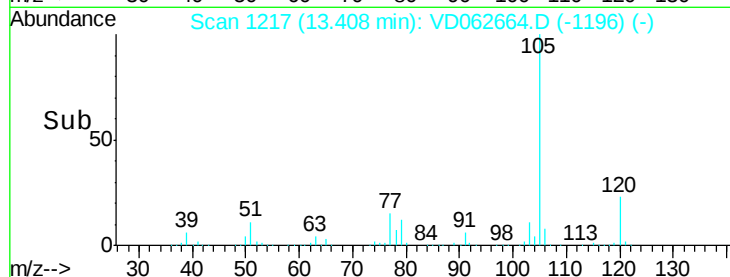
1500000

1000000

500000

0

Time--> 13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 57.179 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. -0.01 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Tgt Ion: 43 Resp: 476831

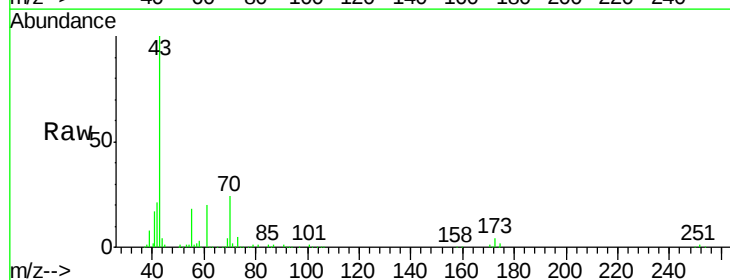
Ion Ratio Lower Upper

43 100

70 24.1 21.8 32.8

55 17.8 14.6 21.8

61 20.2 18.4 27.6



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

500000

400000

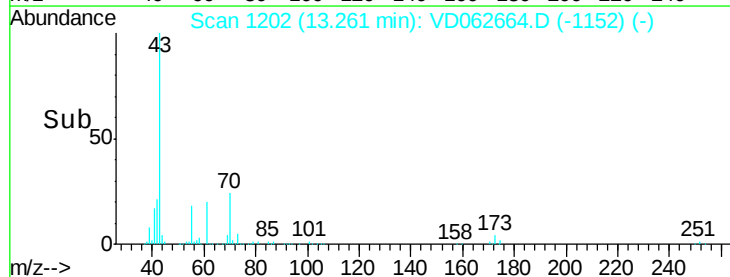
300000

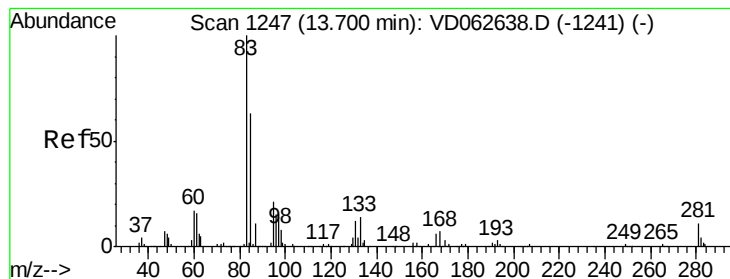
200000

100000

0

Time--> 13.20 13.30 13.40





#75

1,1,2,2-Tetrachloroethane

Concen: 61.512 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. 0.00 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

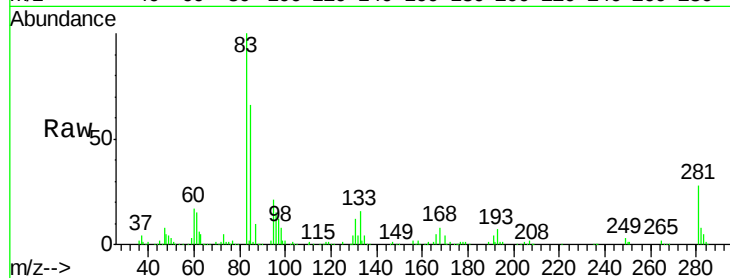
Tgt Ion: 83 Resp: 324770

Ion	Ratio	Lower	Upper
83	100		
131	12.4	5.9	17.7
85	66.4	31.3	93.9

83 100

131 12.4 5.9 17.7

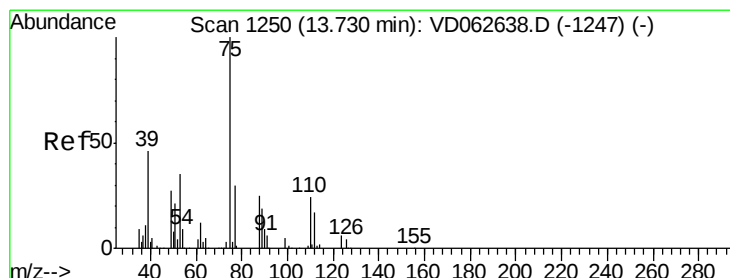
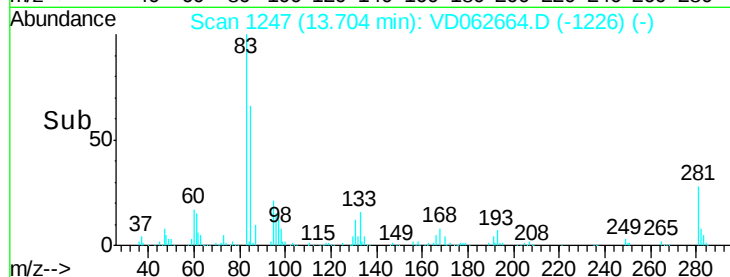
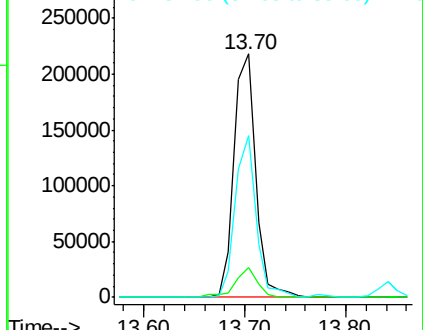
85 66.4 31.3 93.9



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: 60.727 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VD062664.D

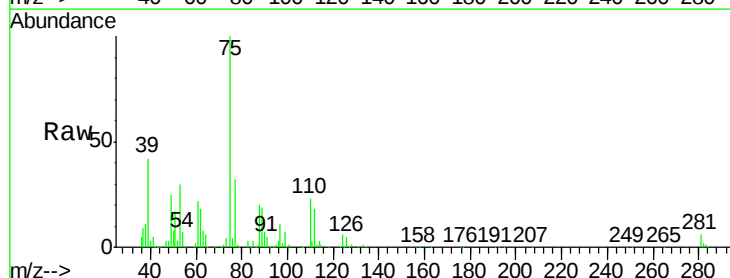
Acq: 10 Jun 2019 20:05

Tgt Ion: 75 Resp: 360463

Ion	Ratio	Lower	Upper
75	100		
77	32.4	16.2	48.6

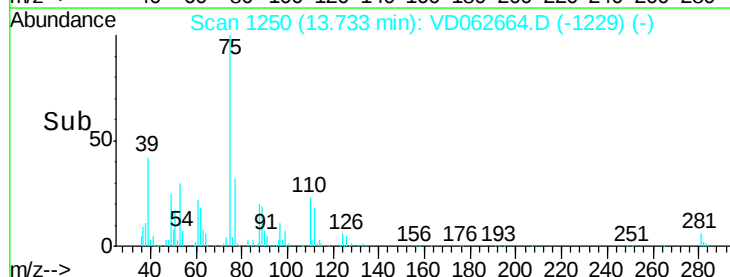
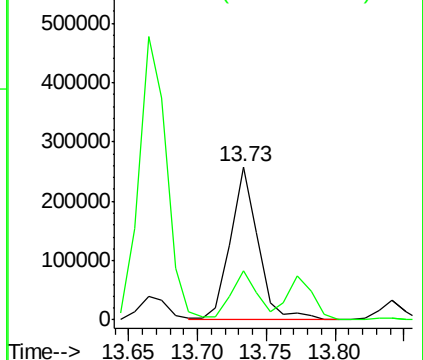
75 100

77 32.4 16.2 48.6



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 60.414 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

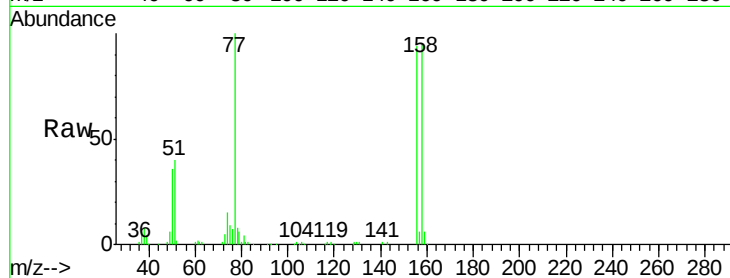
Tgt Ion:156 Resp: 532813

Ion Ratio Lower Upper

156 100

77 105.9 56.3 168.8

158 100.1 49.6 148.8



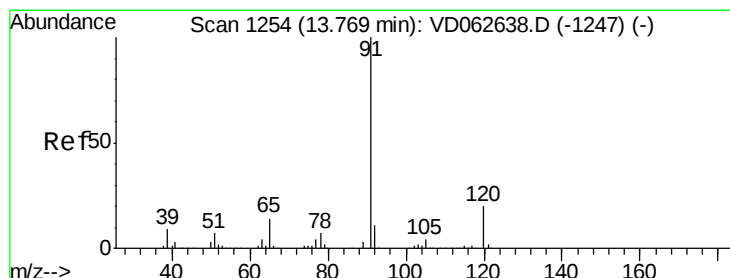
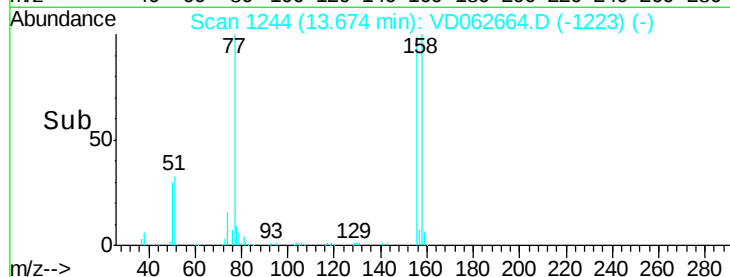
Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V

13.67

Time-->



#78

n-propylbenzene

Concen: 55.382 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VD062664.D

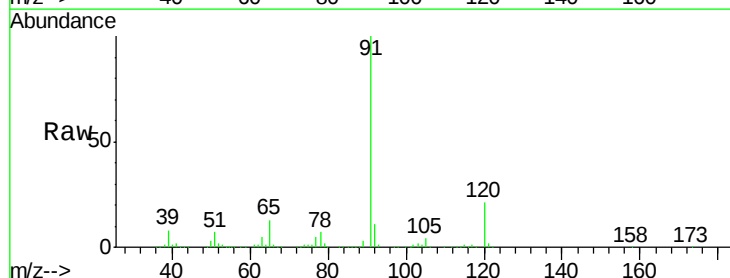
Acq: 10 Jun 2019 20:05

Tgt Ion: 91 Resp: 2091788

Ion Ratio Lower Upper

91 100

120 20.6 9.8 29.5

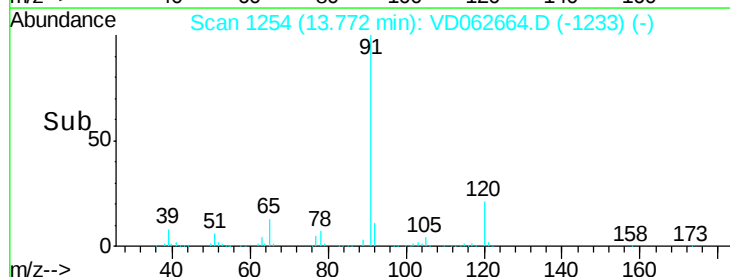


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

13.77

Time-->





#79

2-Chlorotoluene

Concen: 58.731 ug/l

RT: 13.84 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

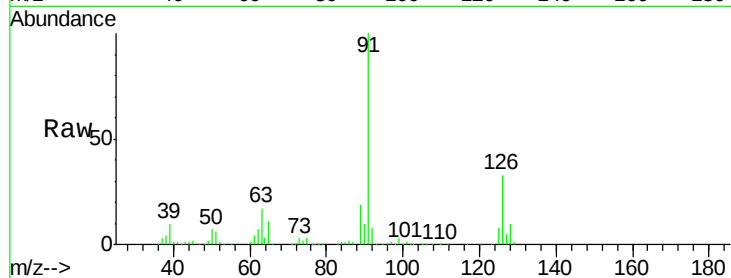
VSTDCCC050EC

Tgt Ion: 91 Resp: 1298846

Ion Ratio Lower Upper

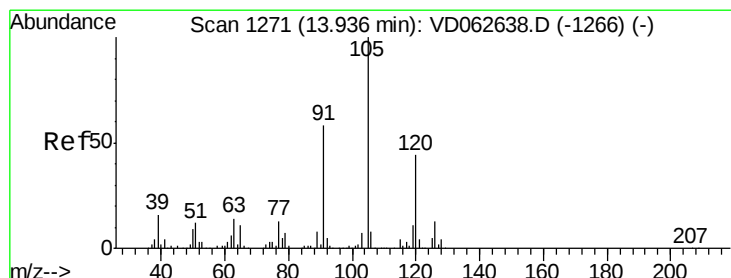
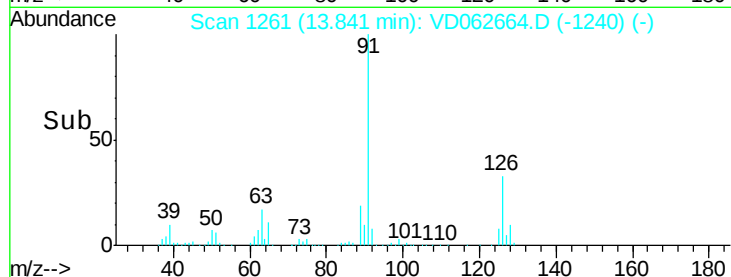
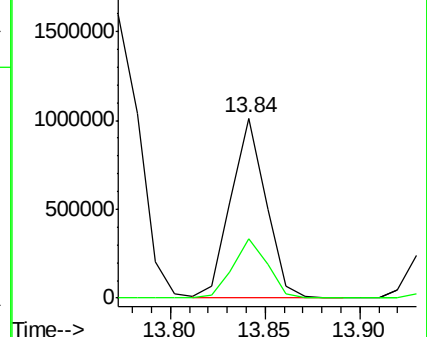
91 100

126 32.8 15.8 47.4



Abundance Ion 91.00 (90.70 to 91.70): VD062638.D (-1258) (-)

Ion 125.95 (125.65 to 126.65): VD062638.D (-1258) (-)



#80

1,3,5-Trimethylbenzene

Concen: 62.114 ug/l

RT: 13.93 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VD062664.D

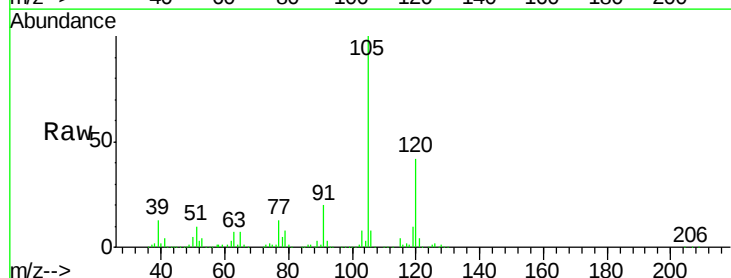
Acq: 10 Jun 2019 20:05

Tgt Ion: 105 Resp: 1693892

Ion Ratio Lower Upper

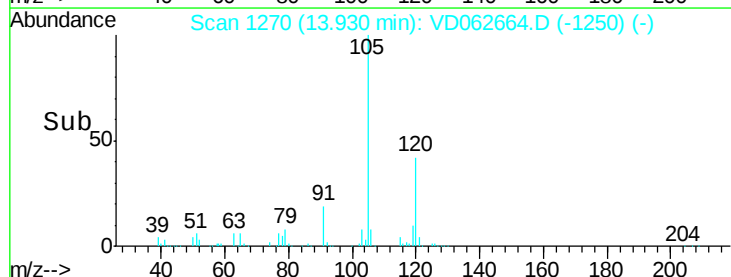
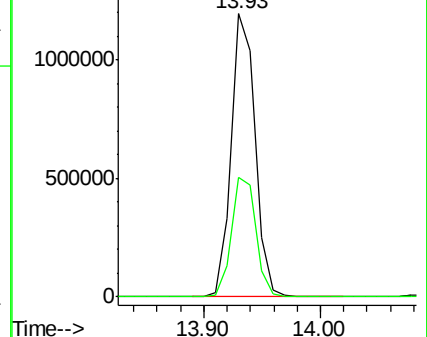
105 100

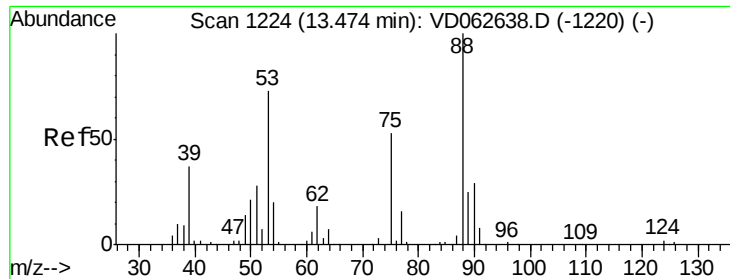
120 42.4 22.1 66.5



Abundance Ion 105.05 (104.75 to 105.75): VD062638.D (-1266) (-)

Ion 120.05 (119.75 to 120.75): VD062638.D (-1266) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 52.788 ug/l

RT: 13.47 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

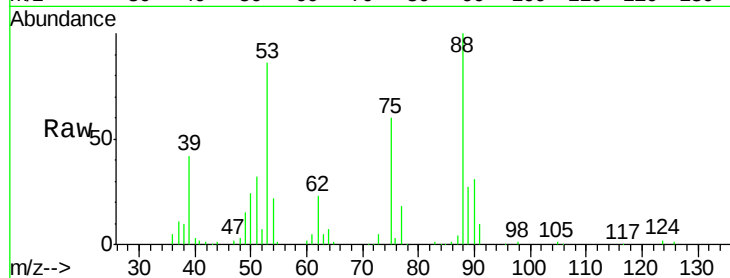
Tgt Ion: 75 Resp: 93338

Ion Ratio Lower Upper

75 100

53 143.9 109.4 164.2

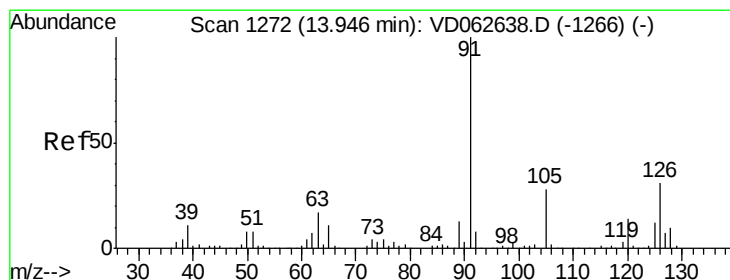
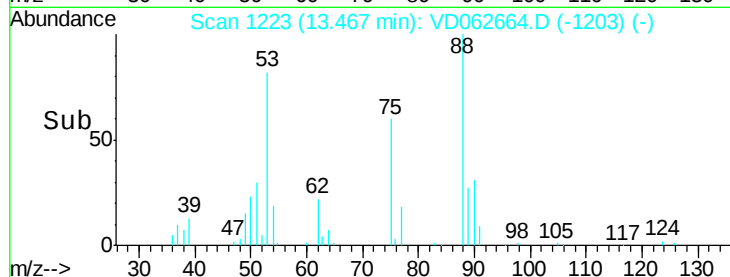
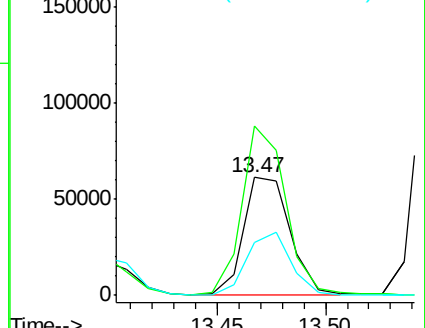
89 44.5 37.0 55.6



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: 59.916 ug/l

RT: 13.95 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VD062664.D

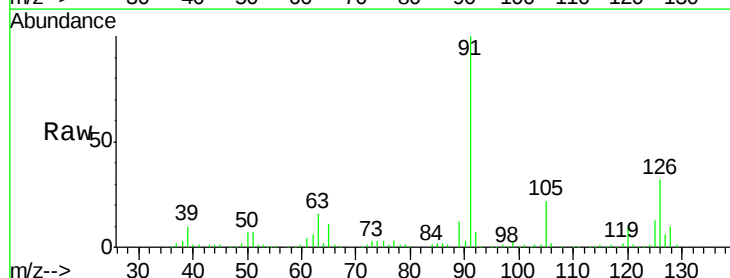
Acq: 10 Jun 2019 20:05

Tgt Ion: 91 Resp: 1584630

Ion Ratio Lower Upper

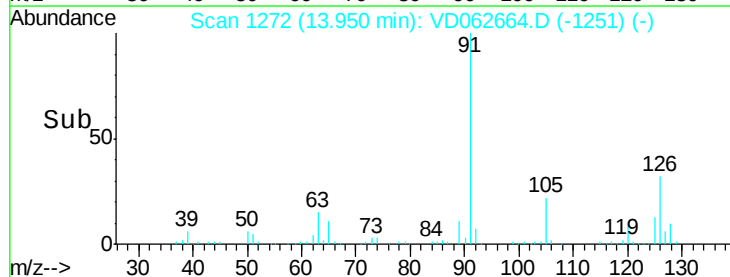
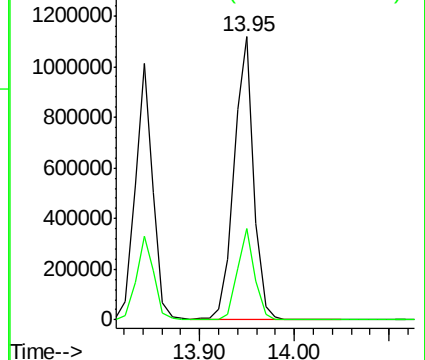
91 100

126 32.5 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

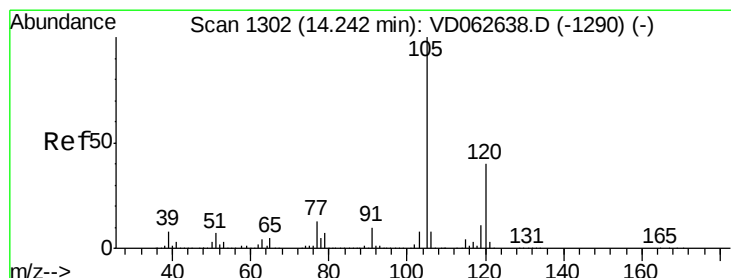
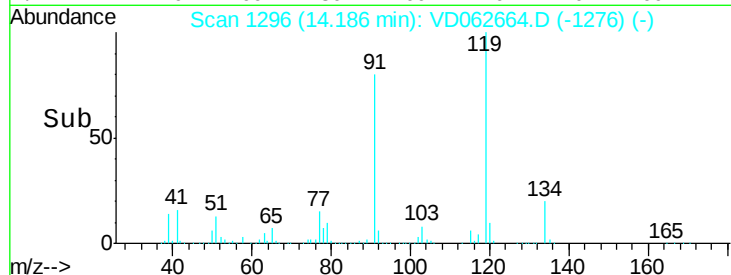
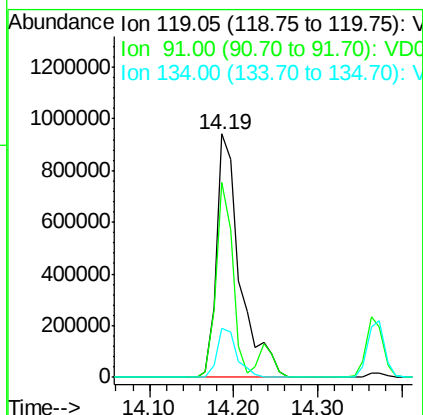
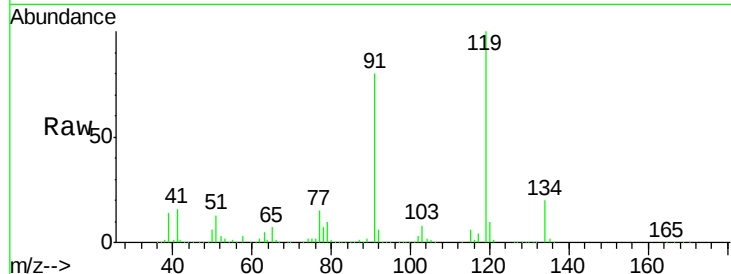




#83
 tert-Butylbenzene
 Concen: 60.314 ug/l
 RT: 14.19 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

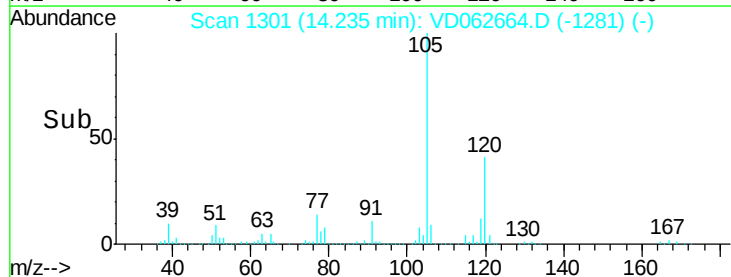
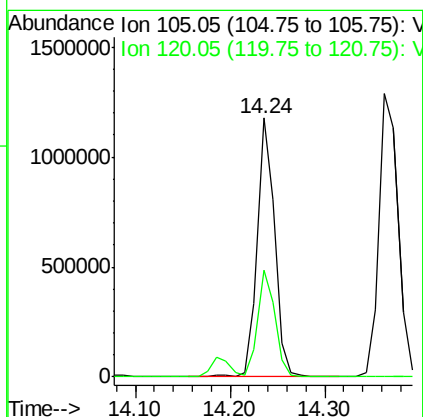
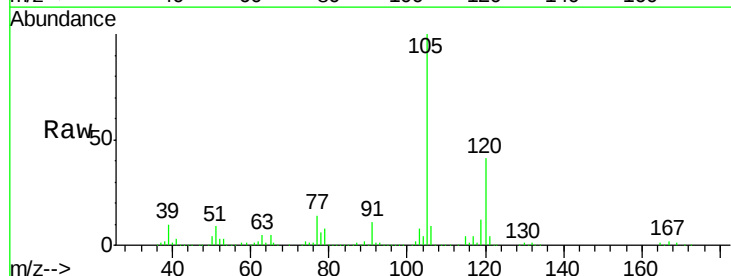
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

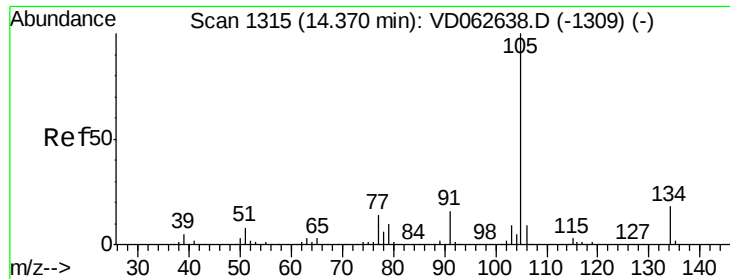
Tgt Ion:119 Resp: 1814125
 Ion Ratio Lower Upper
 119 100
 91 80.3 35.4 106.1
 134 20.0 10.8 32.3



#84
 1,2,4-Trimethylbenzene
 Concen: 55.837 ug/l
 RT: 14.24 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

Tgt Ion:105 Resp: 1507671
 Ion Ratio Lower Upper
 105 100
 120 41.3 20.3 60.8





#85

sec-Butylbenzene

Concen: 57.651 ug/l

RT: 14.36 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

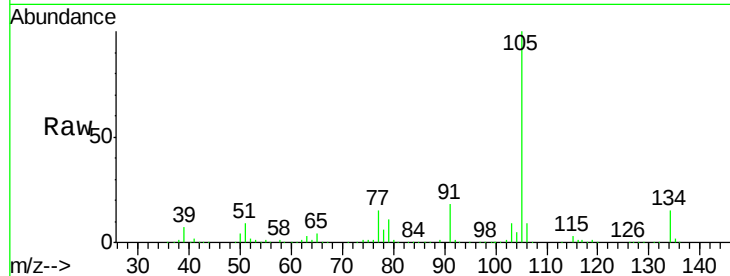
VSTDCCC050EC

Tgt Ion:105 Resp: 1818315

Ion Ratio Lower Upper

105 100

134 15.0 8.8 26.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V

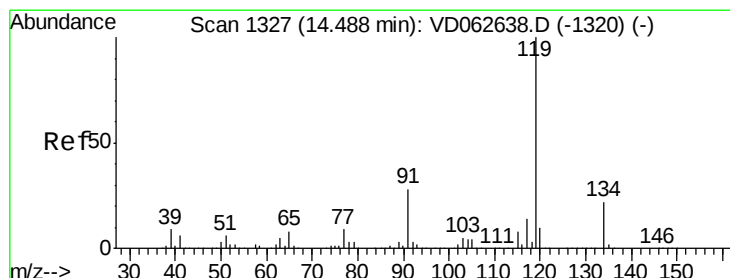
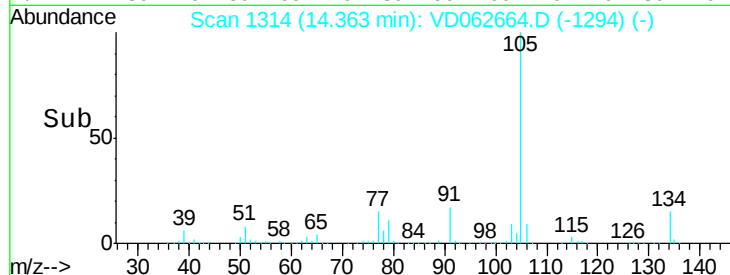
14.36

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 57.160 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. 0.00 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

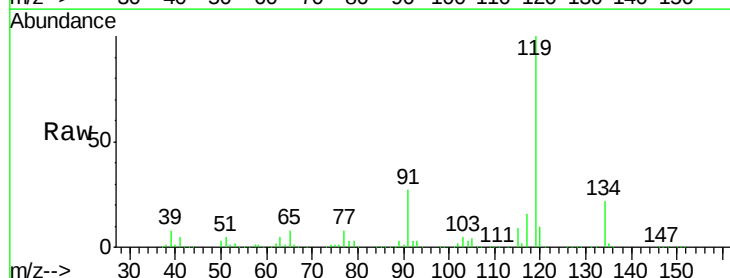
Tgt Ion:119 Resp: 1755283

Ion Ratio Lower Upper

119 100

134 22.0 10.9 32.6

91 26.9 13.9 41.6



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

14.49

2000000

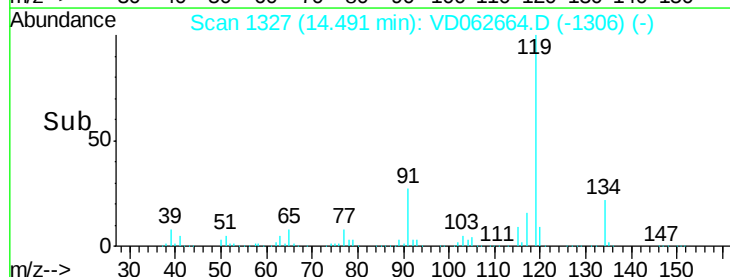
1500000

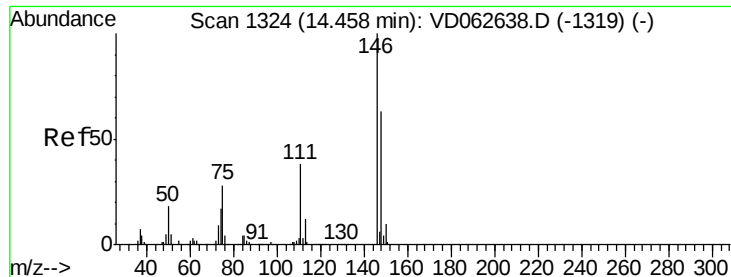
1000000

500000

0

Time-->

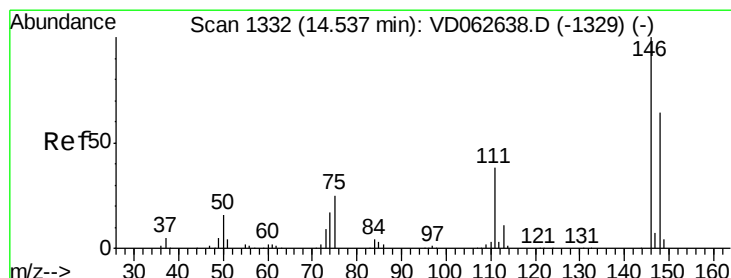
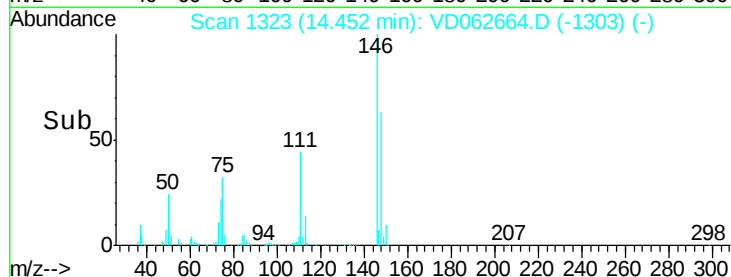
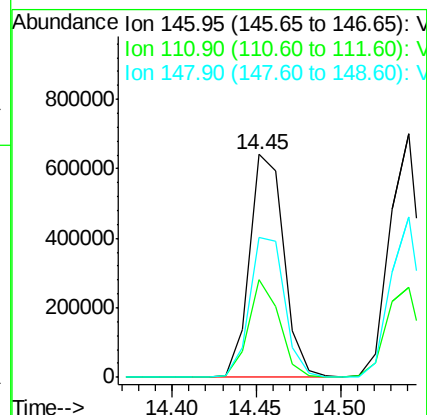
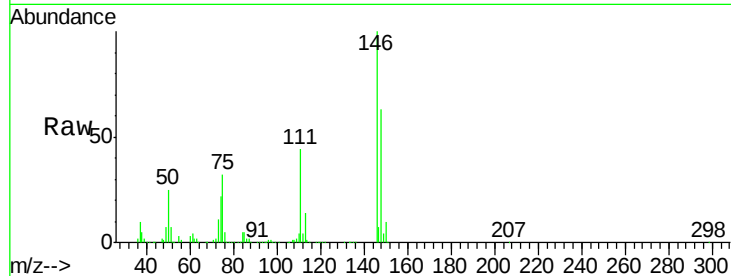




#87
 1,3-Dichlorobenzene
 Concen: 56.826 ug/l
 RT: 14.45 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

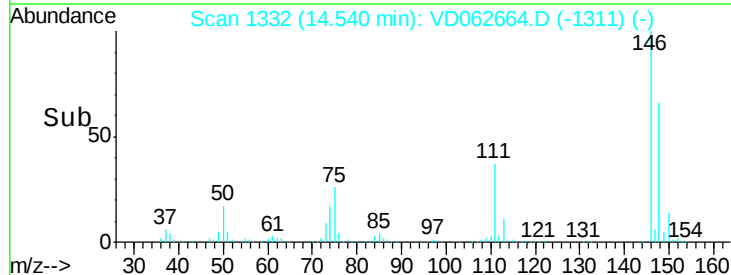
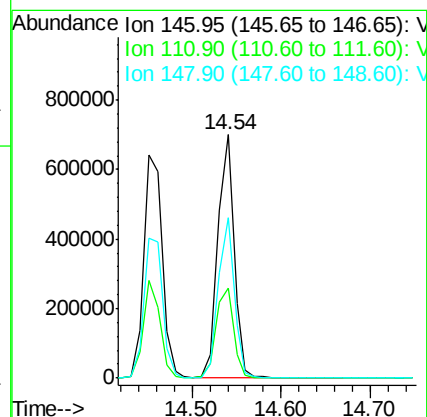
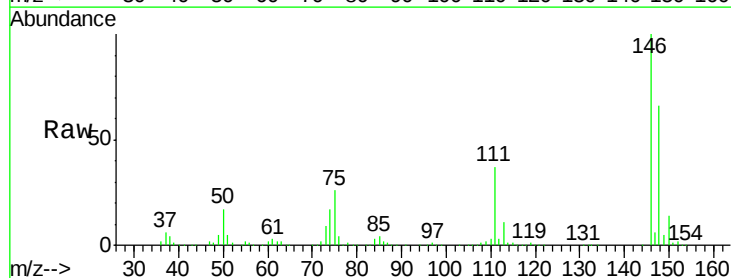
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 907908
 Ion Ratio Lower Upper
 146 100
 111 43.9 19.2 57.6
 148 62.6 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 59.331 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

Tgt Ion:146 Resp: 895864
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.9 56.7
 148 66.0 32.3 96.8





#89

n-Butylbenzene

Concen: 59.966 ug/l

RT: 14.80 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VD062664.D

Acq: 10 Jun 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

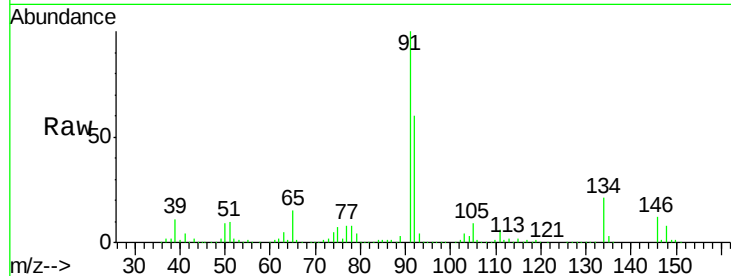
Tgt Ion: 91 Resp: 1656638

Ion Ratio Lower Upper

91 100

92 59.6 29.4 88.3

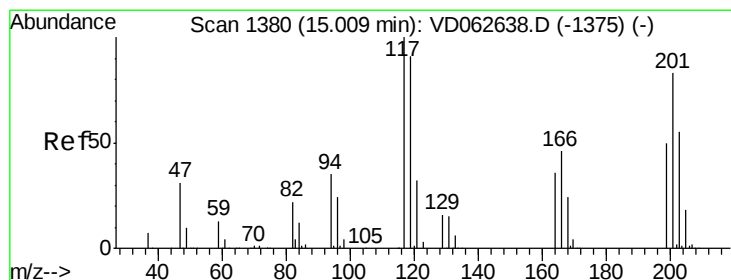
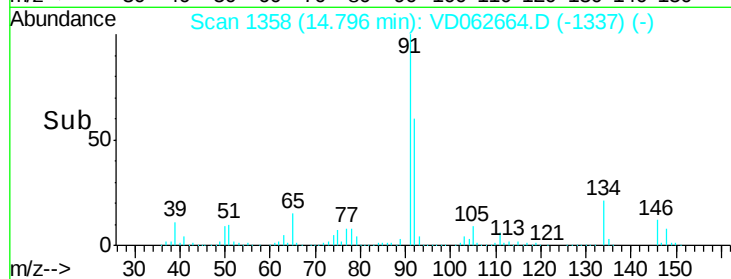
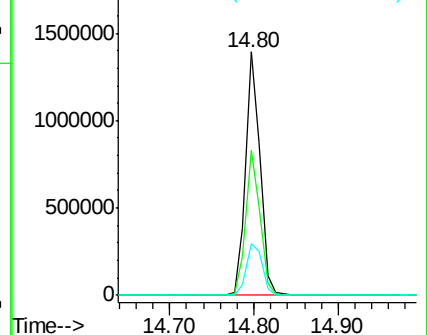
134 21.4 10.4 31.2



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): VDC



#90

Hexachloroethane

Concen: 58.674 ug/l

RT: 15.00 min Scan# 1379

Delta R.T. -0.01 min

Lab File: VD062664.D

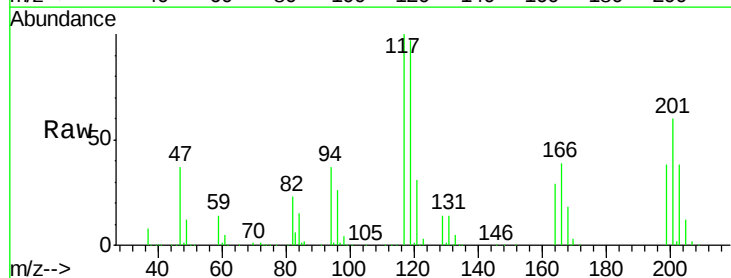
Acq: 10 Jun 2019 20:05

Tgt Ion: 117 Resp: 475666

Ion Ratio Lower Upper

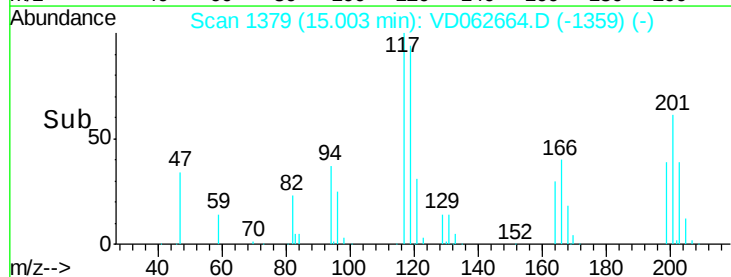
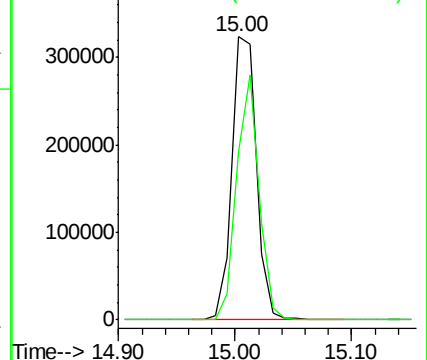
117 100

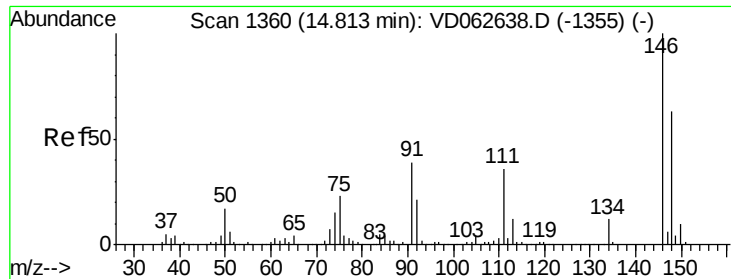
201 59.6 41.5 124.6



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V

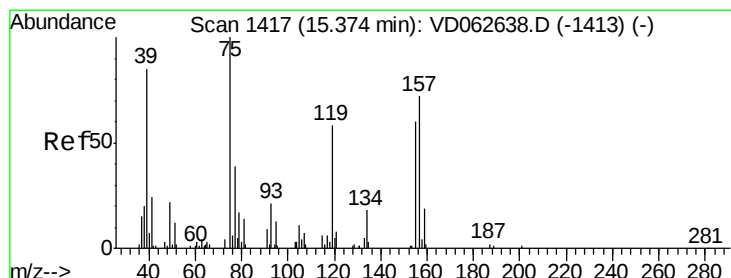
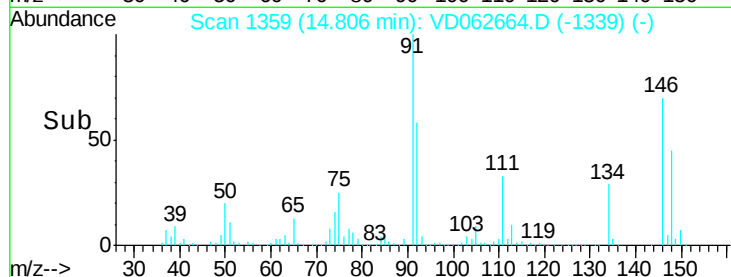
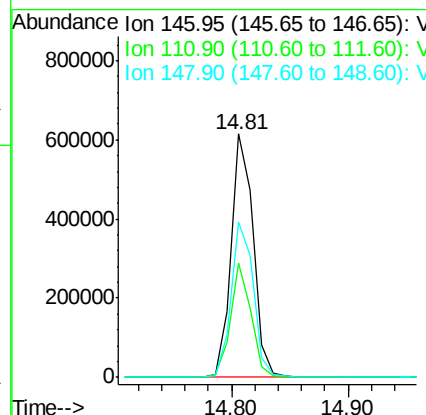
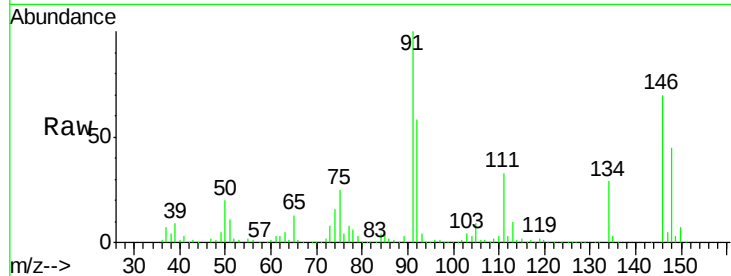




#91
 1,2-Dichlorobenzene
 Concen: 60.539 ug/l
 RT: 14.81 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

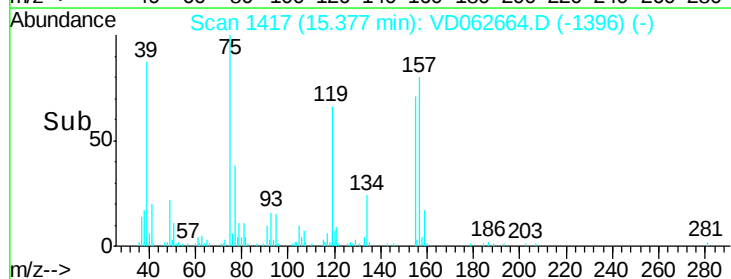
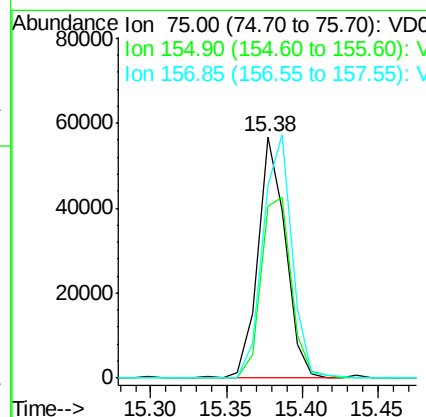
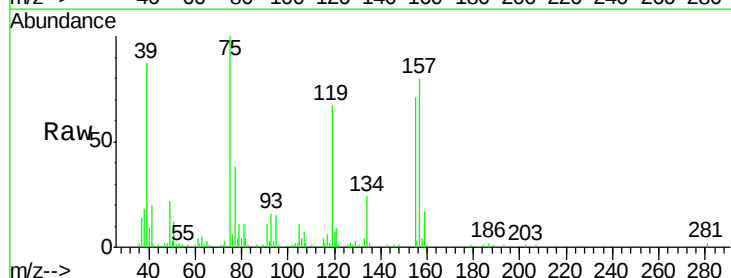
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

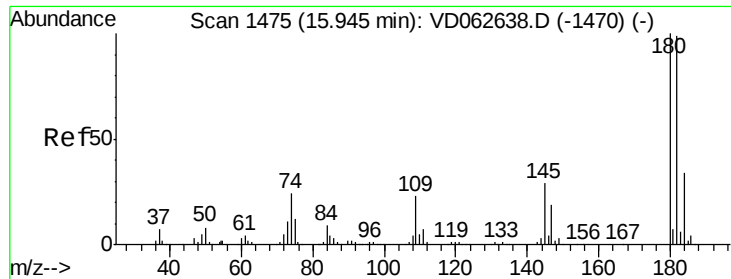
Tgt Ion:146 Resp: 804024
 Ion Ratio Lower Upper
 146 100
 111 46.9 18.1 54.3
 148 63.7 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 63.801 ug/l
 RT: 15.38 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

Tgt Ion: 75 Resp: 71953
 Ion Ratio Lower Upper
 75 100
 155 71.5 30.1 90.5
 157 79.9 35.9 107.8

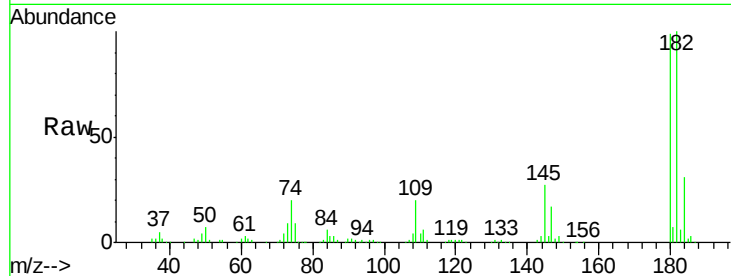




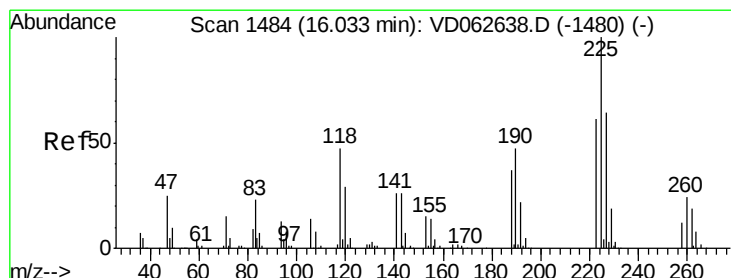
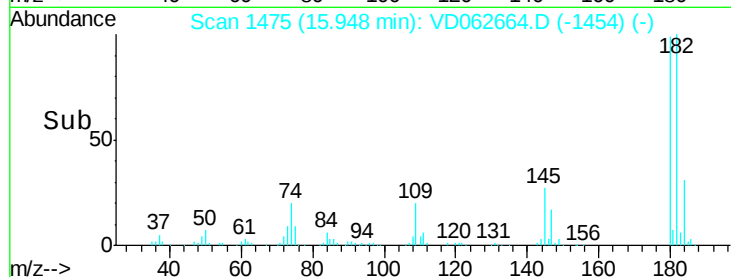
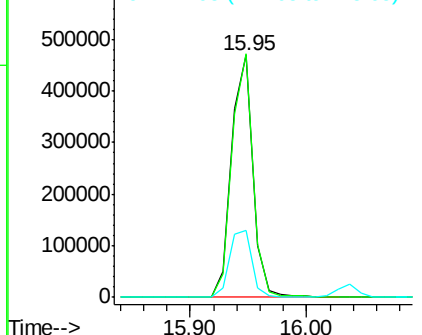
#93
 1,2,4-Trichlorobenzene
 Concen: 52.852 ug/l
 RT: 15.95 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 597928
 Ion Ratio Lower Upper
 180 100
 182 100.7 49.4 148.2
 145 27.5 14.5 43.6

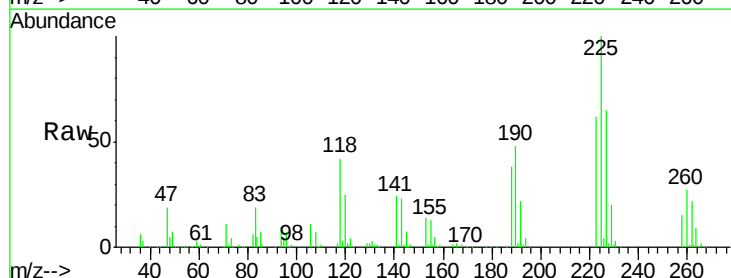


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

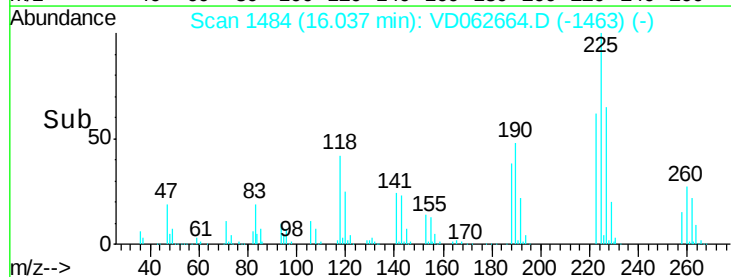
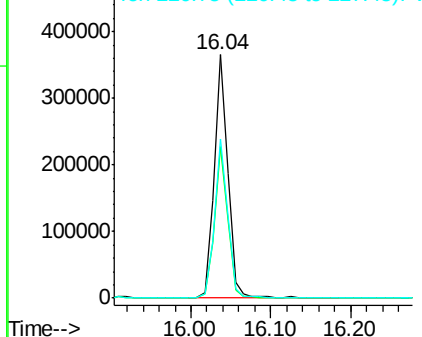


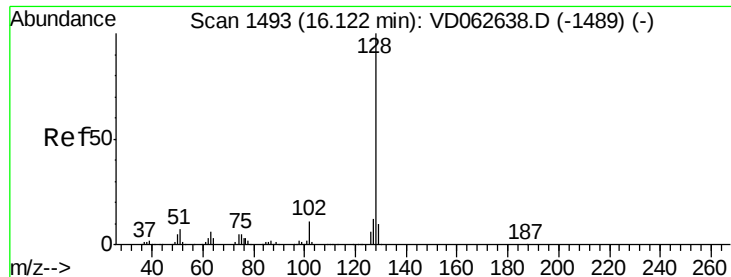
#94
 Hexachlorobutadiene
 Concen: 56.737 ug/l
 RT: 16.04 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: VD062664.D
 Acq: 10 Jun 2019 20:05

Tgt Ion:225 Resp: 444889
 Ion Ratio Lower Upper
 225 100
 223 62.2 30.3 91.0
 227 65.4 31.8 95.4



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

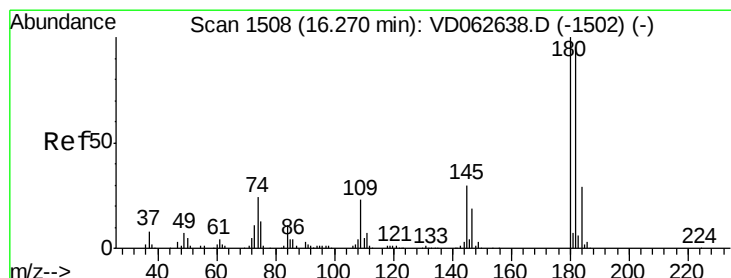
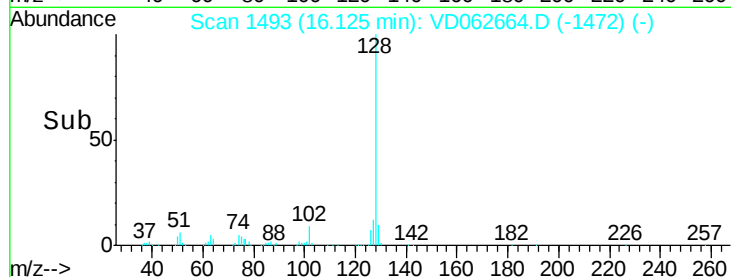
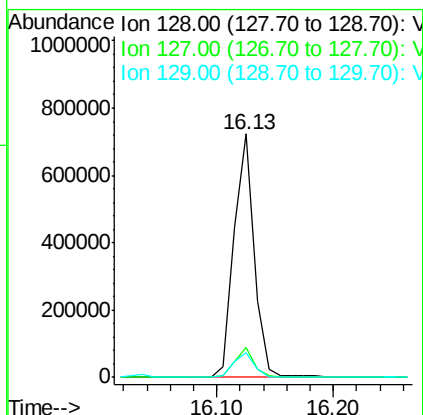
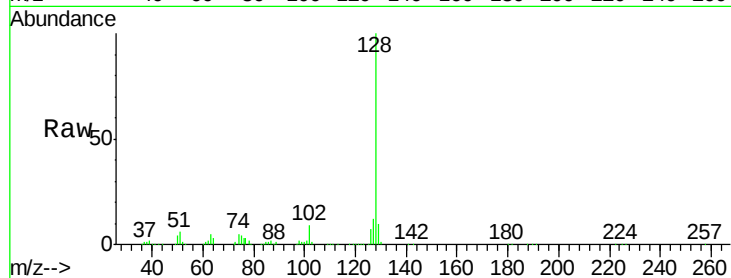




#95
Naphthalene
Concen: 54.278 ug/l
RT: 16.13 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 867221
Ion Ratio Lower Upper
128 100
127 12.1 9.7 14.5
129 10.1 8.1 12.1



#96
1,2,3-Trichlorobenzene
Concen: 63.025 ug/l
RT: 16.27 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VD062664.D
Acq: 10 Jun 2019 20:05

Tgt Ion:180 Resp: 482127
Ion Ratio Lower Upper
180 100
182 94.0 47.7 143.1
145 26.8 15.0 45.0

