

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081919\
 Data File : VD063672.D
 Acq On : 19 Aug 2019 22:17
 Operator : JC/SY
 Sample : VSTDCCC050EC
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 20 08:18:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	958506	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.21	114	1362590	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1083745	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	587048	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	479365	46.79	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	93.58%	
35) Dibromofluoromethane	6.91	113	543632	47.37	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	94.74%	
50) Toluene-d8	10.41	98	1235901	48.99	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	97.98%	
62) 4-Bromofluorobenzene	13.55	95	532999	46.61	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	93.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	540906	46.645	ug/l	93
3) Chloromethane	1.74	50	452030	49.892	ug/l	94
4) Vinyl Chloride	1.84	62	459759	51.117	ug/l	98
5) Bromomethane	2.15	94	251077	59.161	ug/l	92
6) Chloroethane	2.26	64	217834	52.962	ug/l	98
7) Trichlorofluoromethane	2.52	101	971049	55.041	ug/l	97
8) Diethyl Ether	2.87	74	134704	54.079	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.14	101	562950	54.040	ug/l	97
10) Methyl Iodide	3.29	142	861125	58.423	ug/l	98
11) Tert butyl alcohol	4.06	59	107845	241.797	ug/l	100
12) 1,1-Dichloroethene	3.12	96	405727	52.385	ug/l	95
13) Acrolein	3.02	56	96768	220.418	ug/l	99
14) Allyl chloride	3.60	41	636209	54.642	ug/l	98
15) Acrylonitrile	4.18	53	312951	264.901	ug/l	98
16) Acetone	3.21	43	448701	215.437	ug/l	94
17) Carbon Disulfide	3.36	76	1206186	49.345	ug/l	95
18) Methyl Acetate	3.63	43	198851	50.406	ug/l	100
19) Methyl tert-butyl Ether	4.22	73	855921	55.259	ug/l	99
20) Methylene Chloride	3.80	84	465185	51.652	ug/l	94
21) trans-1,2-Dichloroethene	4.20	96	450690	55.297	ug/l	93
22) Diisopropyl ether	5.11	45	1311331	54.580	ug/l	93
23) Vinyl Acetate	5.04	43	3918249	280.524	ug/l	99
24) 1,1-Dichloroethane	4.96	63	799577	53.657	ug/l	100
25) 2-Butanone	6.06	43	527225	256.308	ug/l	99
26) 2,2-Dichloropropane	6.02	77	848012	57.134	ug/l	97
27) cis-1,2-Dichloroethene	6.03	96	519996	58.314	ug/l	97
28) Bromochloromethane	6.43	49	299208	49.542	ug/l	96
29) Tetrahydrofuran	6.45	42	232050	242.095	ug/l	93
30) Chloroform	6.65	83	993567	53.641	ug/l	93
31) Cyclohexane	6.94	56	462857	50.033	ug/l	93
32) 1,1,1-Trichloroethane	6.85	97	965742	54.505	ug/l	98
36) 1,1-Dichloropropene	7.14	75	656212	54.477	ug/l	99
37) Ethyl Acetate	6.17	43	263152	52.135	ug/l #	97
38) Carbon Tetrachloride	7.10	117	1041067	57.346	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081919\
 Data File : VD063672.D
 Acq On : 19 Aug 2019 22:17
 Operator : JC/SY
 Sample : VSTDCCC050EC
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 20 08:18:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	563328	54.997	ug/l	97
40) Benzene	7.44	78	1432267	54.031	ug/l	97
41) Methacrylonitrile	6.44	41	325377	51.198	ug/l #	91
42) 1,2-Dichloroethane	7.57	62	716355	53.744	ug/l	99
43) Isopropyl Acetate	9.23	43	359562	53.188	ug/l #	96
44) Trichloroethene	8.54	130	537801	53.080	ug/l	98
45) 1,2-Dichloropropane	8.93	63	347775	56.337	ug/l	96
46) Dibromomethane	9.06	93	303587	57.588	ug/l	90
47) Bromodichloromethane	9.37	83	778123	57.543	ug/l	99
48) Methyl methacrylate	9.11	41	247200	53.920	ug/l	97
49) 1,4-Dioxane	9.07	88	40967	1000.646	ug/l #	86
51) 4-Methyl-2-Pentanone	10.30	43	1192391	257.769	ug/l	100
52) Toluene	10.50	92	906265	53.079	ug/l	94
53) t-1,3-Dichloropropene	10.91	75	639663	57.963	ug/l	98
54) cis-1,3-Dichloropropene	10.03	75	664094	53.368	ug/l	98
55) 1,1,2-Trichloroethane	11.18	97	306766	53.189	ug/l	99
56) Ethyl methacrylate	11.04	69	319687	51.069	ug/l	91
57) 1,3-Dichloropropane	11.40	76	469353	53.838	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.85	63	901803	272.874	ug/l	97
59) 2-Hexanone	11.53	43	853248	253.500	ug/l	97
60) Dibromochloromethane	11.68	129	578645	55.137	ug/l	98
61) 1,2-Dibromoethane	11.80	107	391619	56.090	ug/l	99
64) Tetrachloroethene	11.25	164	513026	61.321	ug/l	97
65) Chlorobenzene	12.39	112	1191432	58.657	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.51	131	521170	58.302	ug/l	98
67) Ethyl Benzene	12.52	91	1993306	56.439	ug/l	99
68) m/p-Xylenes	12.66	106	1457638	117.474	ug/l	99
69) o-Xylene	13.04	106	628779	52.651	ug/l	99
70) Styrene	13.06	104	1208513	56.890	ug/l	98
71) Bromoform	13.23	173	368005	60.038	ug/l	98
73) Isopropylbenzene	13.40	105	2119309	56.758	ug/l	98
74) N-amyl acetate	13.26	43	499537	53.293	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.69	83	366076	59.067	ug/l	97
76) 1,2,3-Trichloropropane	13.73	75	391613	58.126	ug/l	100
77) Bromobenzene	13.66	156	565010	55.366	ug/l	95
78) n-propylbenzene	13.77	91	2267442	51.900	ug/l	97
79) 2-Chlorotoluene	13.84	91	1393465	55.318	ug/l	90
80) 1,3,5-Trimethylbenzene	13.93	105	1797796	55.105	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.47	75	93720	51.755	ug/l	95
82) 4-Chlorotoluene	13.94	91	1756962	58.003	ug/l	98
83) tert-Butylbenzene	14.19	119	1988240	57.873	ug/l	97
84) 1,2,4-Trimethylbenzene	14.24	105	1899167	62.914	ug/l	95
85) sec-Butylbenzene	14.36	105	2216233	60.744	ug/l	99
86) p-Isopropyltoluene	14.49	119	1933103	55.414	ug/l	94
87) 1,3-Dichlorobenzene	14.45	146	1040429	56.365	ug/l	97
88) 1,4-Dichlorobenzene	14.53	146	983965	55.560	ug/l	100
89) n-Butylbenzene	14.80	91	1843492	57.901	ug/l	96
90) Hexachloroethane	15.00	117	543365	61.970	ug/l	98
91) 1,2-Dichlorobenzene	14.81	146	924632	59.040	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.38	75	63749	54.627	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081919\
Data File : VD063672.D
Acq On : 19 Aug 2019 22:17
Operator : JC/SY
Sample : VSTDCCC050EC
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 20 08:18:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration

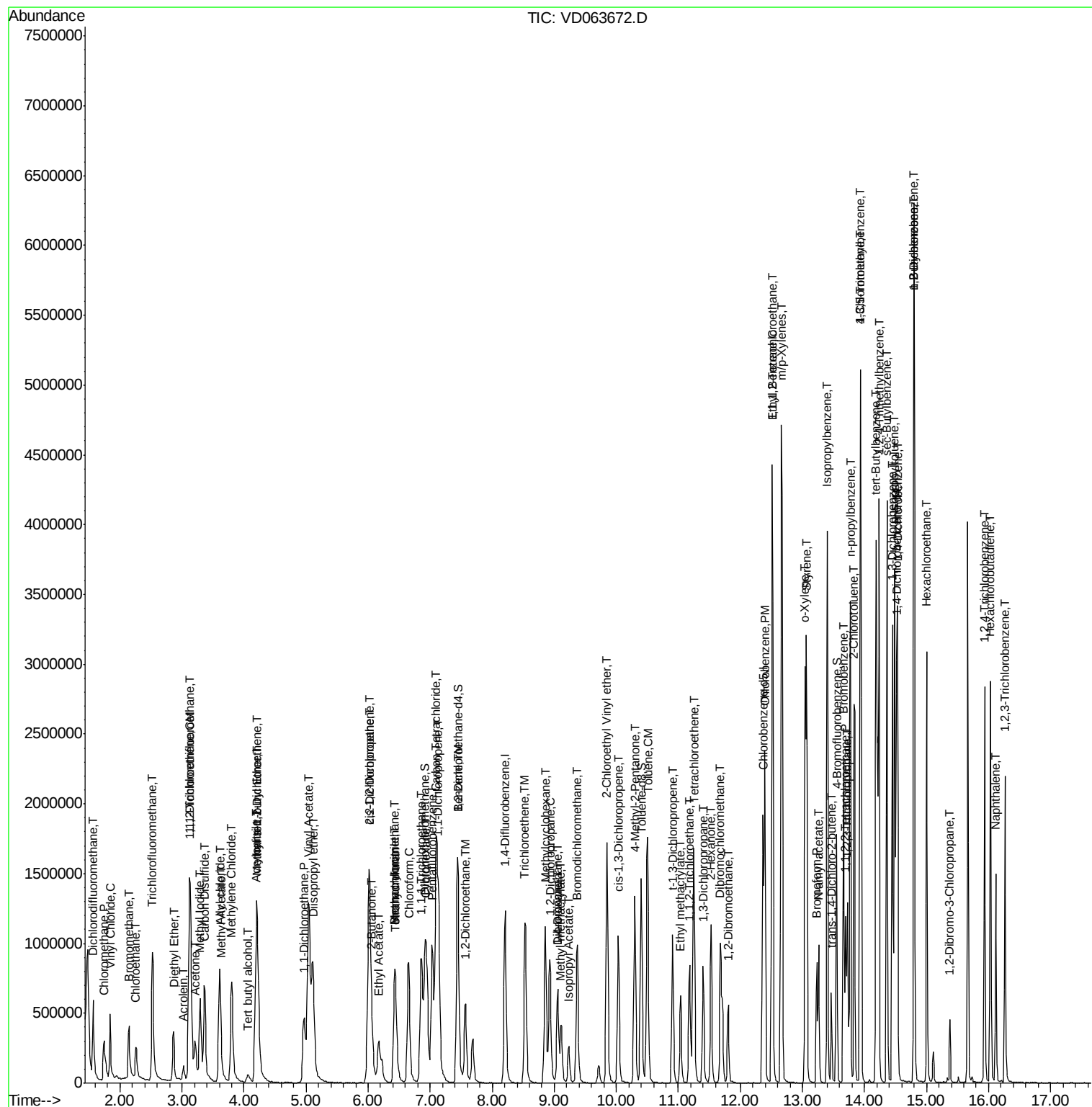
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	683431	59.306	ug/l	98
94) Hexachlorobutadiene	16.04	225	547392	62.326	ug/l	97
95) Naphthalene	16.12	128	896149	51.313	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	543384	58.380	ug/l	99

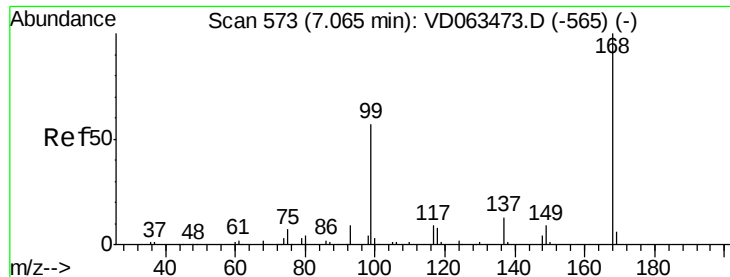
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD081919\
Data File : VD063672.D
Acq On : 19 Aug 2019 22:17
Operator : JC/SY
Sample : VSTDCCC050EC
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 20 08:18:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.04 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

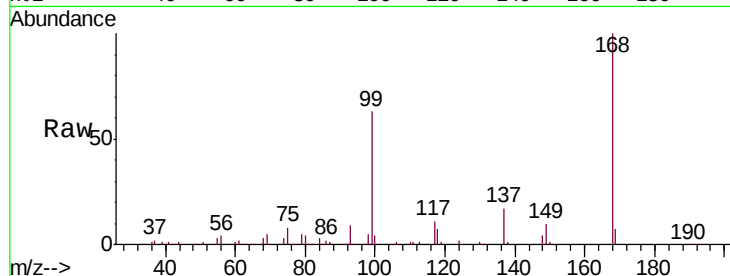
VSTDCCC050EC

Tgt Ion:168 Resp: 958506

Ion Ratio Lower Upper

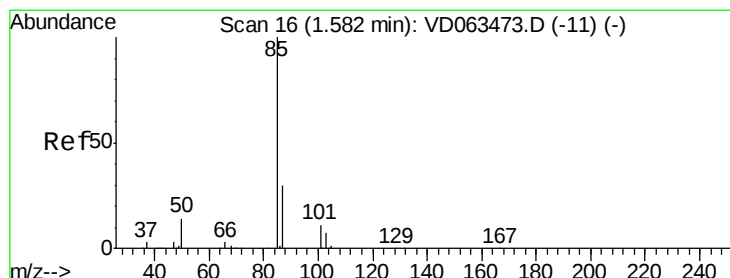
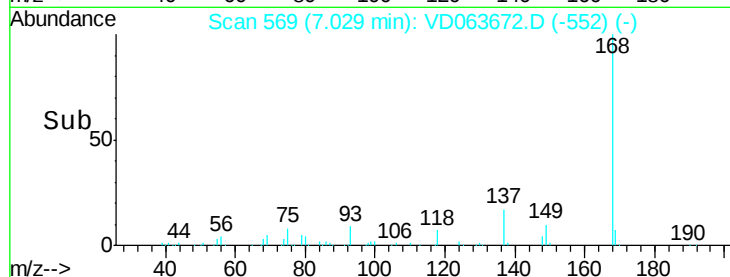
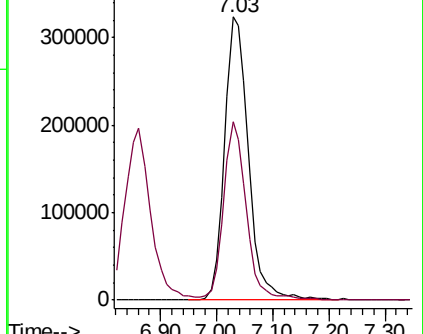
168 100

99 63.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 46.645 ug/l

RT: 1.57 min Scan# 14

Delta R.T. -0.02 min

Lab File: VD063672.D

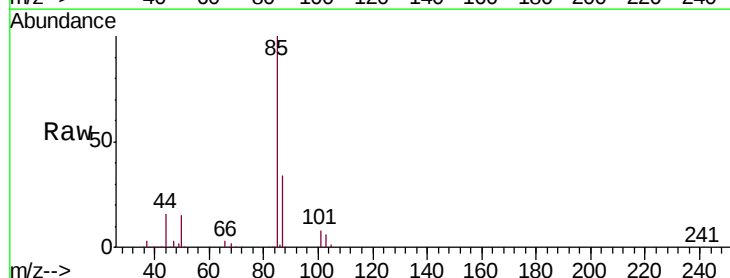
Acq: 19 Aug 2019 22:17

Tgt Ion: 85 Resp: 540906

Ion Ratio Lower Upper

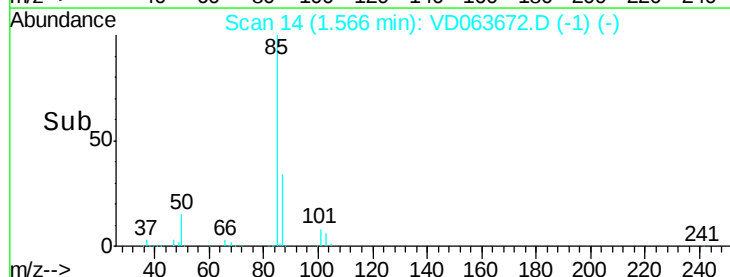
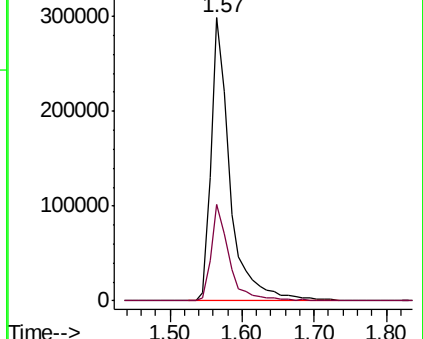
85 100

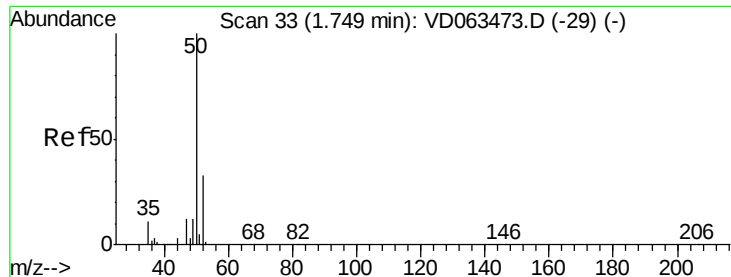
87 34.0 15.0 45.0



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 49.892 ug/l

RT: 1.74 min Scan# 32

Delta R.T. -0.01 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

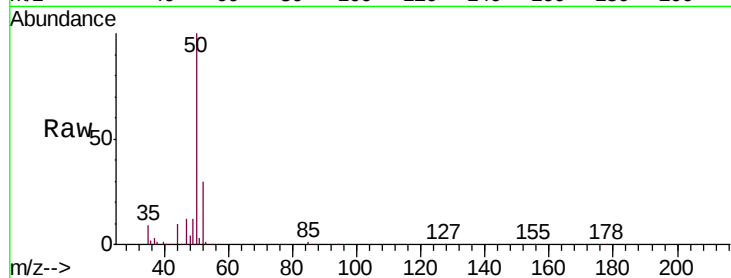
VSTDCCC050EC

Tgt Ion: 50 Resp: 452030

Ion Ratio Lower Upper

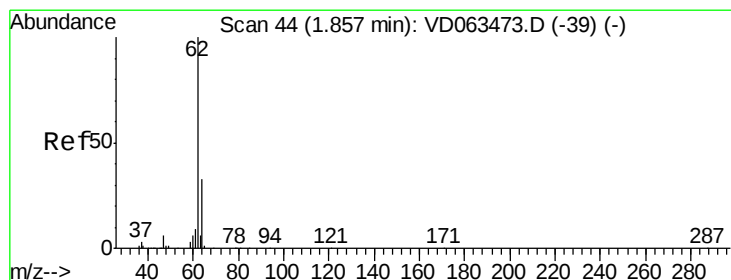
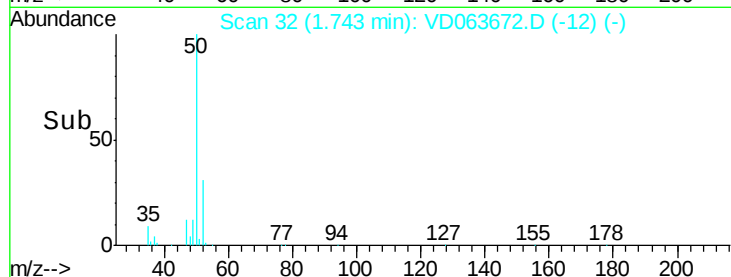
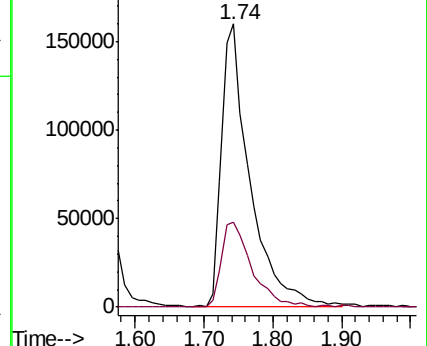
50 100

52 30.2 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 51.117 ug/l

RT: 1.84 min Scan# 42

Delta R.T. -0.02 min

Lab File: VD063672.D

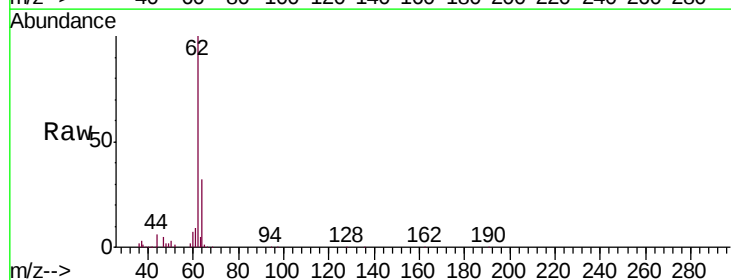
Acq: 19 Aug 2019 22:17

Tgt Ion: 62 Resp: 459759

Ion Ratio Lower Upper

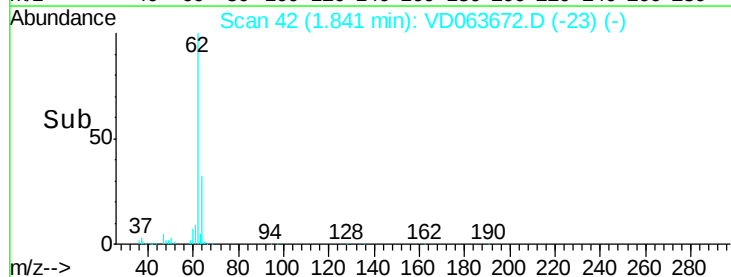
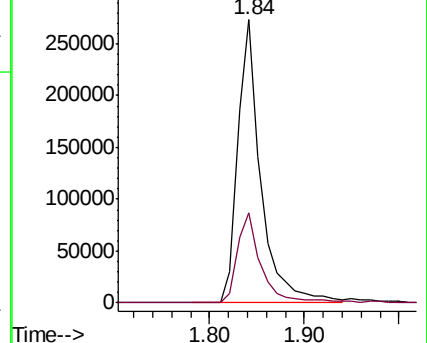
62 100

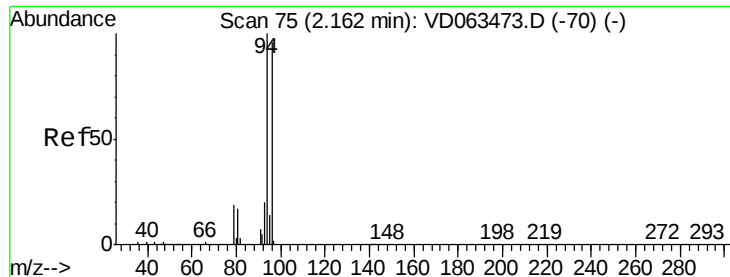
64 31.8 26.4 39.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 59.161 ug/l

RT: 2.15 min Scan# 73

Delta R.T. -0.02 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

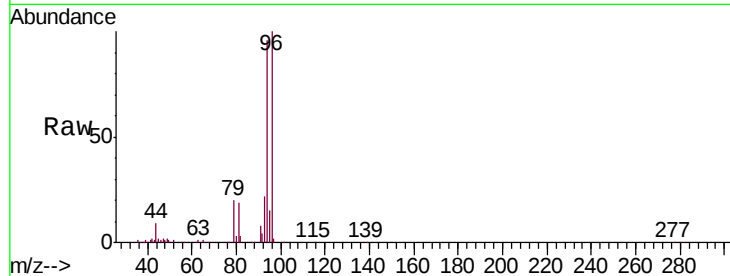
Tgt Ion: 94 Resp: 251077

Ion Ratio Lower Upper

94 100

96 103.7 76.5 114.7

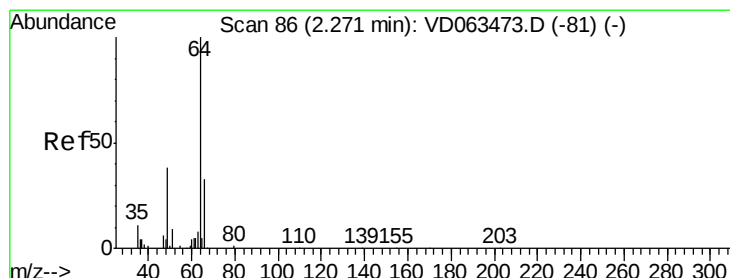
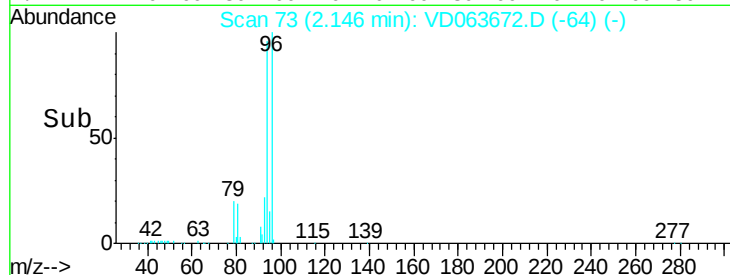
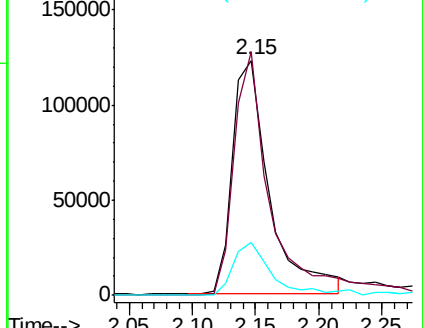
93 22.4 15.8 23.8



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: 52.962 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VD063672.D

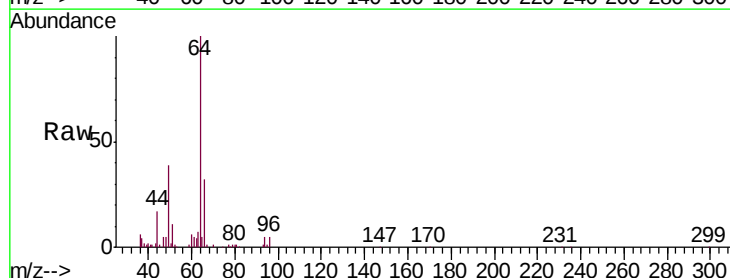
Acq: 19 Aug 2019 22:17

Tgt Ion: 64 Resp: 217834

Ion Ratio Lower Upper

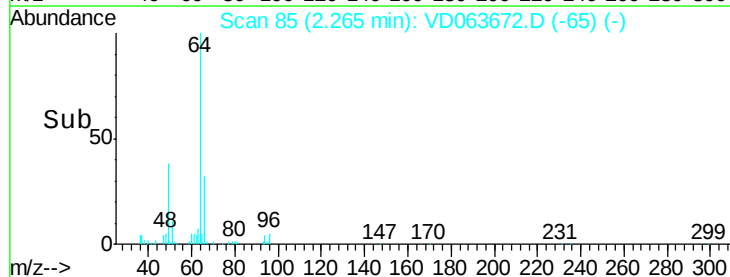
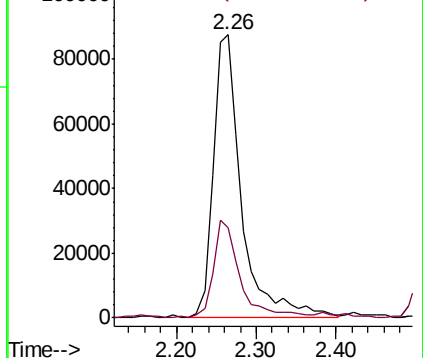
64 100

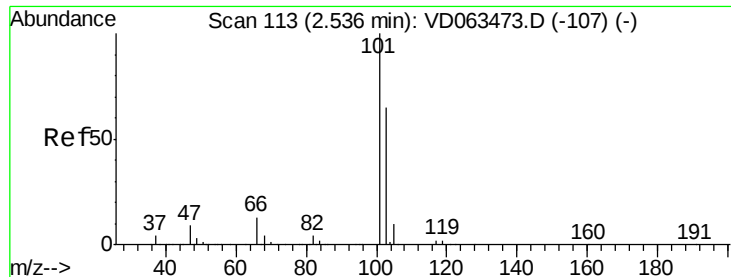
66 31.7 26.3 39.5



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



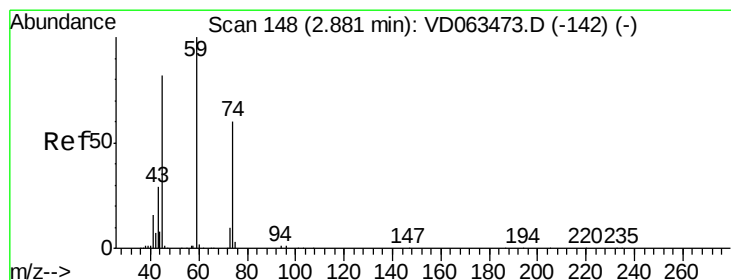
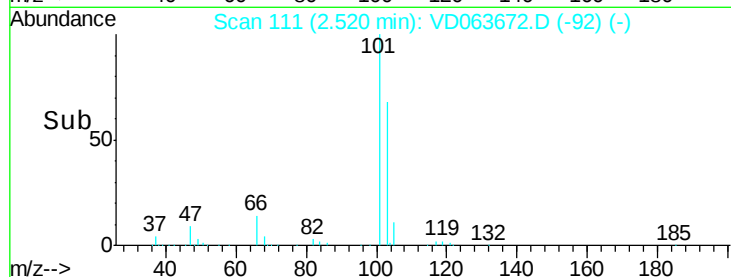
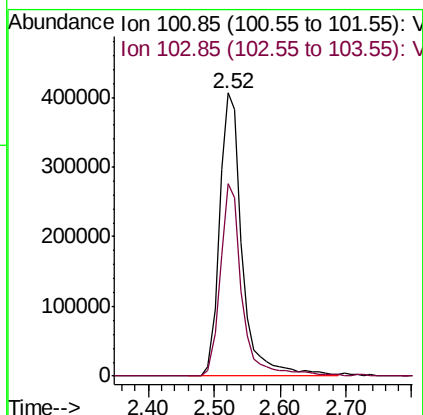
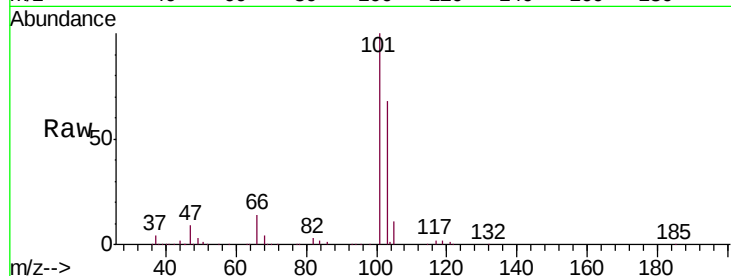


#7

Trichlorofluoromethane
 Concen: 55.041 ug/l
 RT: 2.52 min Scan# 111
 Delta R.T. -0.02 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

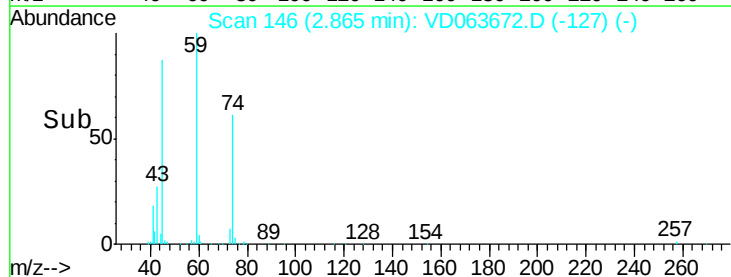
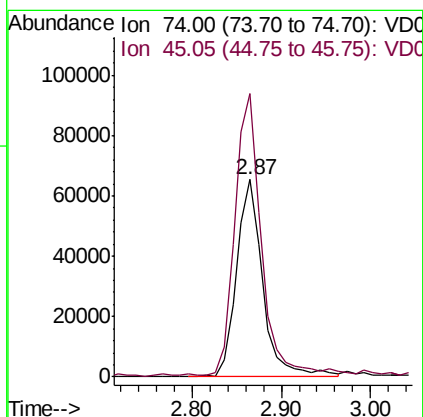
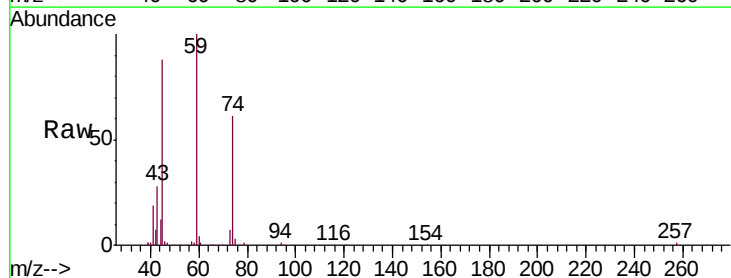
Tgt Ion:101 Resp: 971049
 Ion Ratio Lower Upper
 101 100
 103 67.9 52.2 78.4

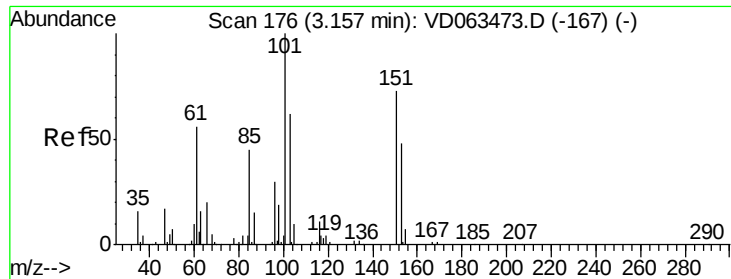


#8

Diethyl Ether
 Concen: 54.079 ug/l
 RT: 2.87 min Scan# 146
 Delta R.T. -0.02 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

Tgt Ion: 74 Resp: 134704
 Ion Ratio Lower Upper
 74 100
 45 143.3 68.5 205.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.040 ug/l

RT: 3.14 min Scan# 174

Delta R.T. -0.02 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

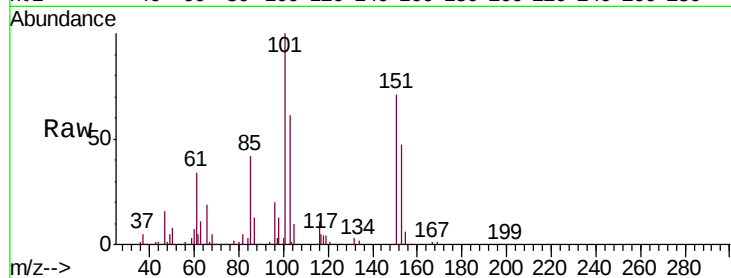
Tgt Ion:101 Resp: 562950

Ion Ratio Lower Upper

101 100

85 42.2 35.8 53.6

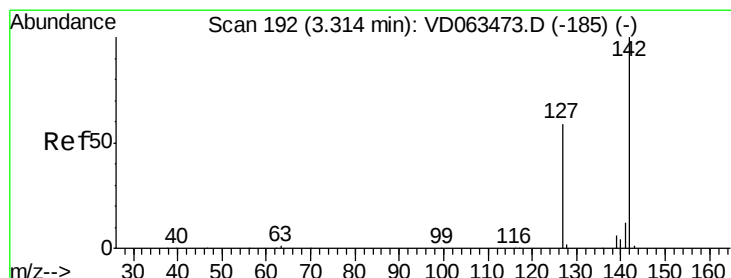
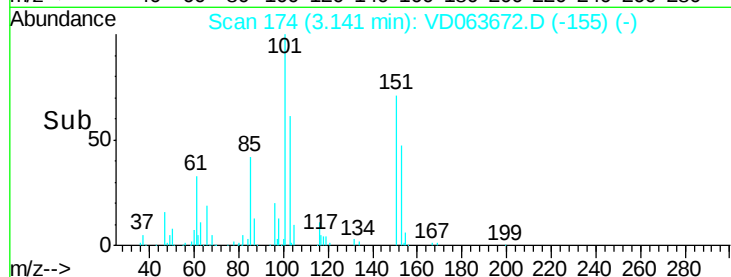
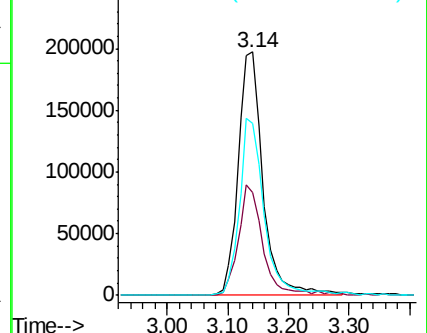
151 70.5 58.6 88.0



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: 58.423 ug/l

RT: 3.29 min Scan# 189

Delta R.T. -0.03 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

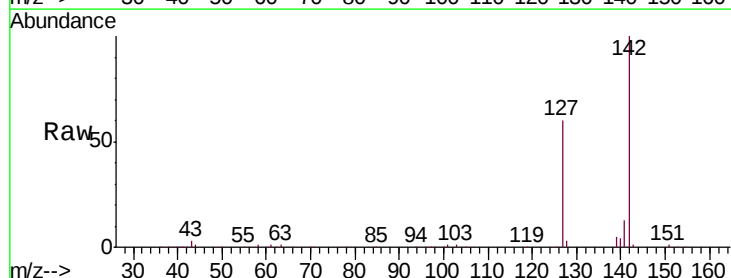
Tgt Ion:142 Resp: 861125

Ion Ratio Lower Upper

142 100

127 60.3 47.2 70.8

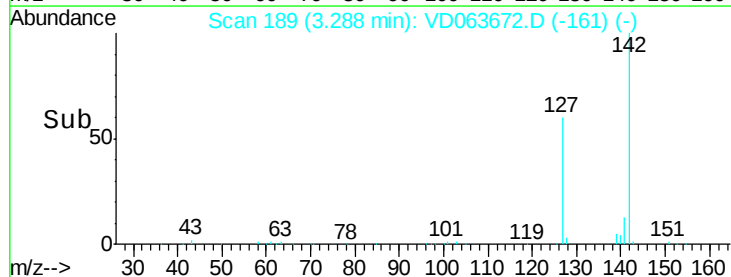
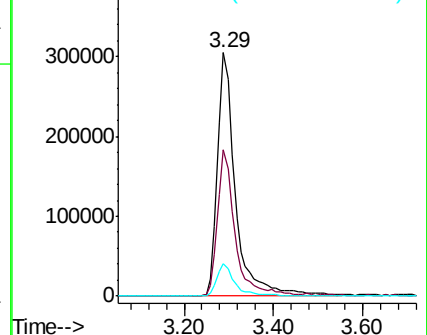
141 13.2 9.8 14.8

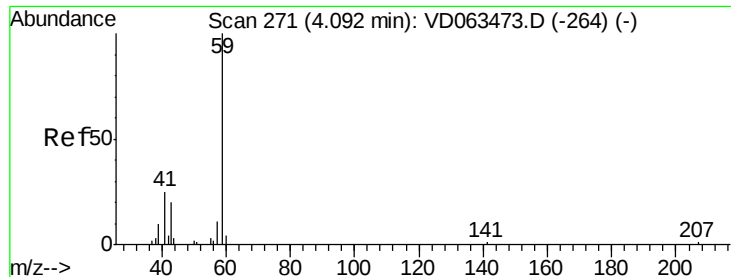


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

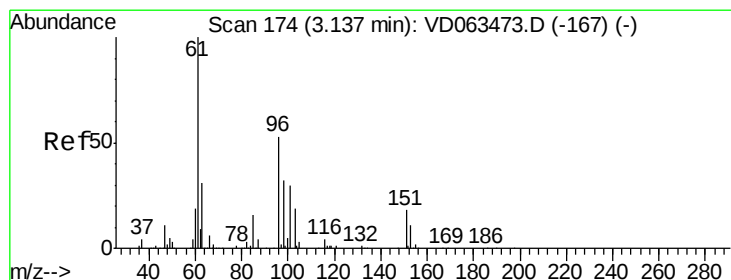
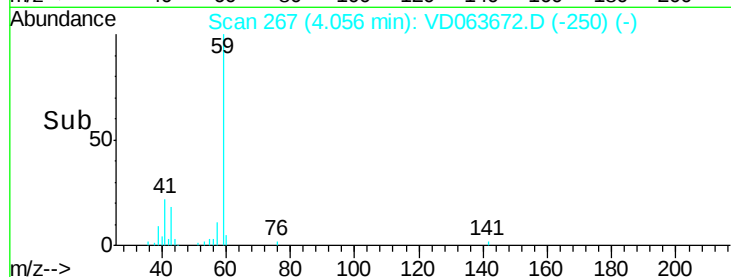
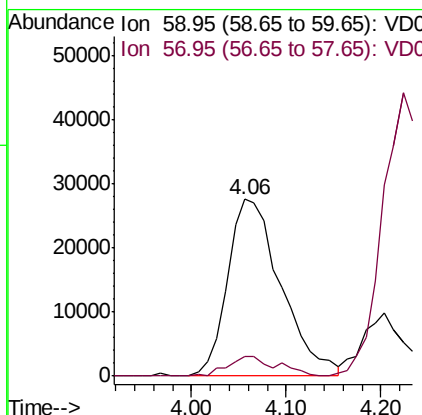
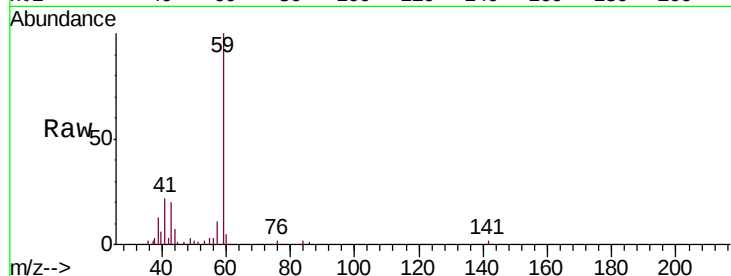




#11
Tert butyl alcohol
Concen: 241.797 ug/l
RT: 4.06 min Scan# 267
Delta R.T. -0.04 min
Lab File: VD063672.D
Acq: 19 Aug 2019 22:17

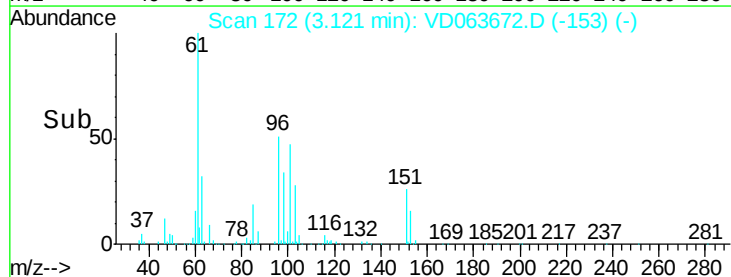
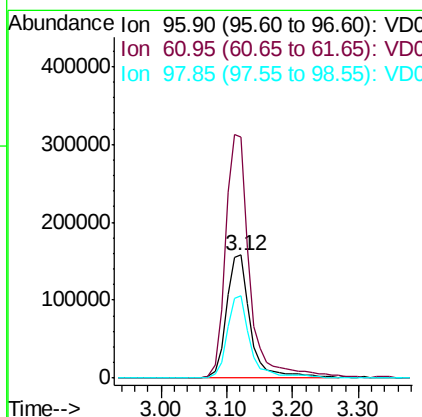
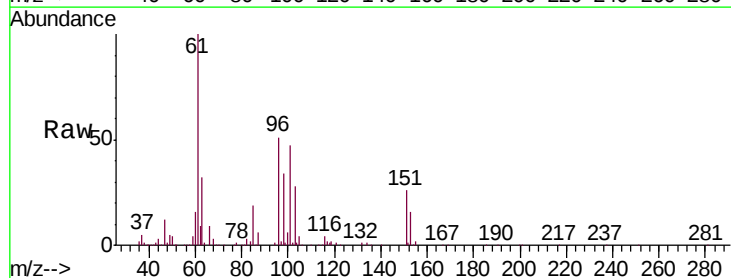
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

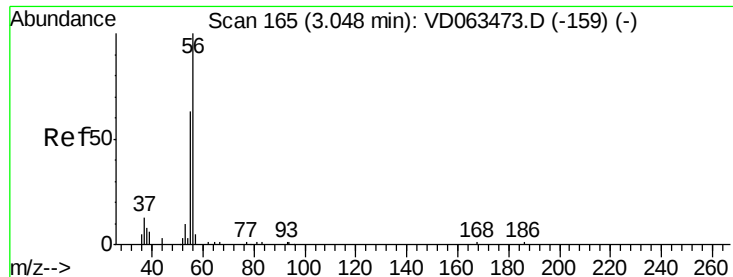
Tgt Ion: 59 Resp: 107845
Ion Ratio Lower Upper
59 100
57 11.0 8.7 13.1



#12
1,1-Dichloroethene
Concen: 52.385 ug/l
RT: 3.12 min Scan# 172
Delta R.T. -0.02 min
Lab File: VD063672.D
Acq: 19 Aug 2019 22:17

Tgt Ion: 96 Resp: 405727
Ion Ratio Lower Upper
96 100
61 196.1 151.7 227.5
98 67.0 48.4 72.6





#13

Acrolein

Concen: 220.418 ug/l

RT: 3.02 min Scan# 162

Delta R.T. -0.03 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

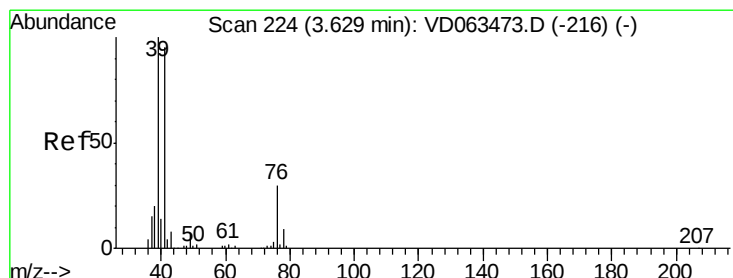
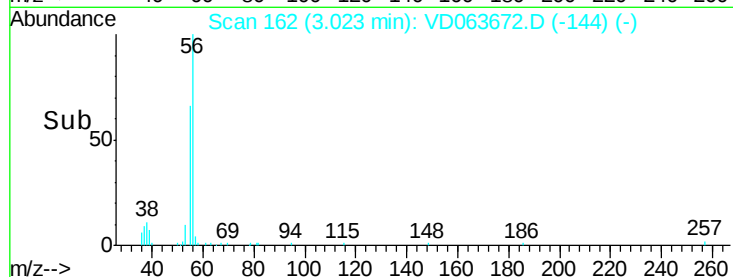
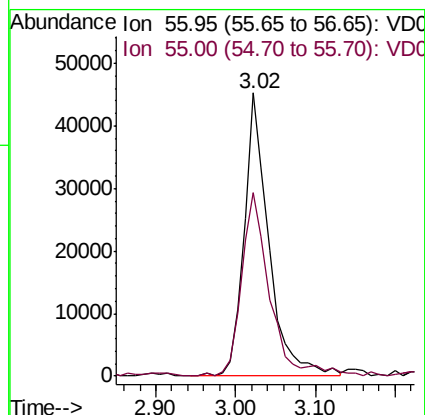
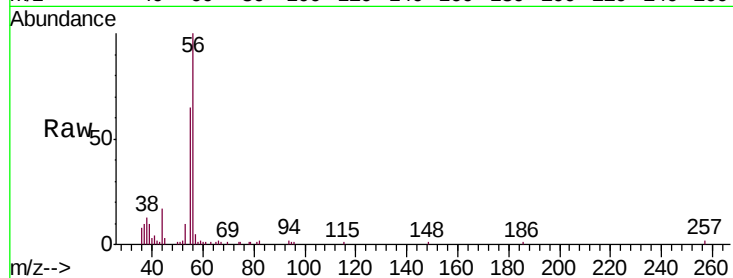
VSTDCCC050EC

Tgt Ion: 56 Resp: 96768

Ion Ratio Lower Upper

56 100

55 65.0 51.3 76.9



#14

Allyl chloride

Concen: 54.642 ug/l

RT: 3.60 min Scan# 221

Delta R.T. -0.03 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

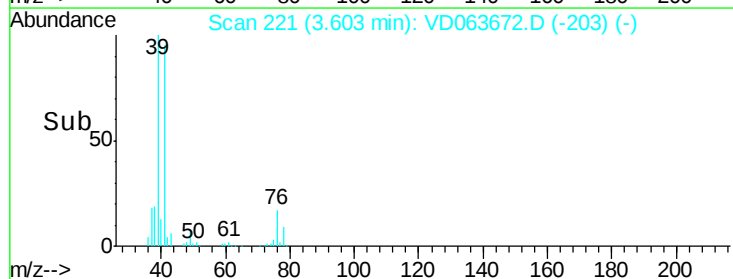
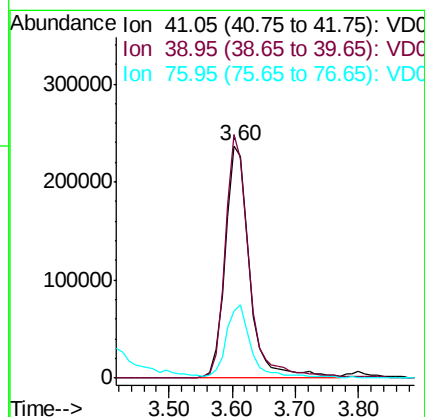
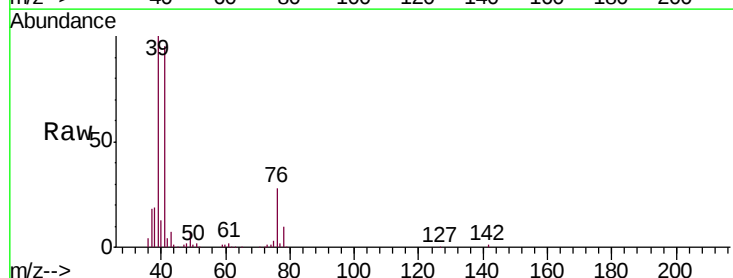
Tgt Ion: 41 Resp: 636209

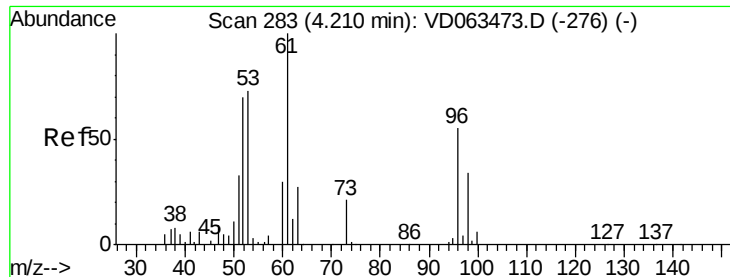
Ion Ratio Lower Upper

41 100

39 104.8 84.2 126.4

76 28.9 26.0 39.0

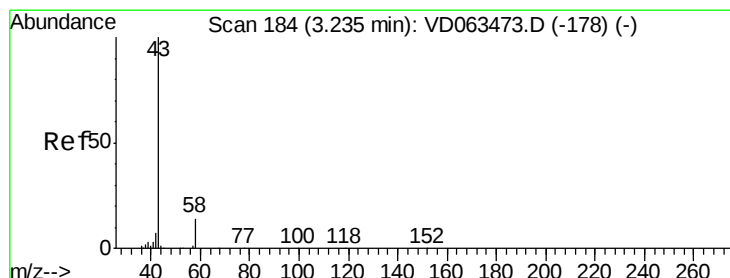
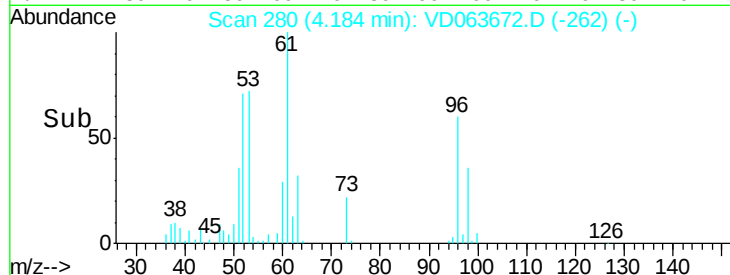
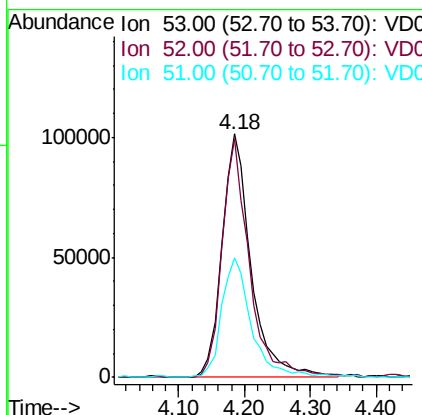
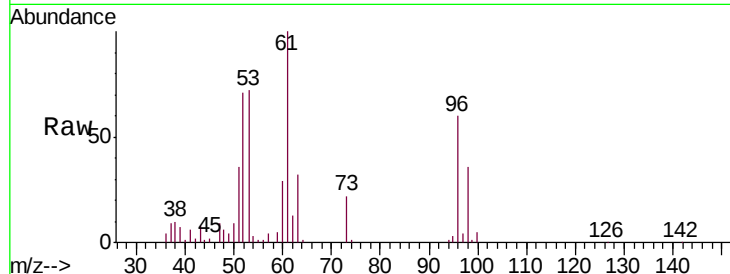




#15
 Acrylonitrile
 Concen: 264.901 ug/l
 RT: 4.18 min Scan# 280
 Delta R.T. -0.03 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

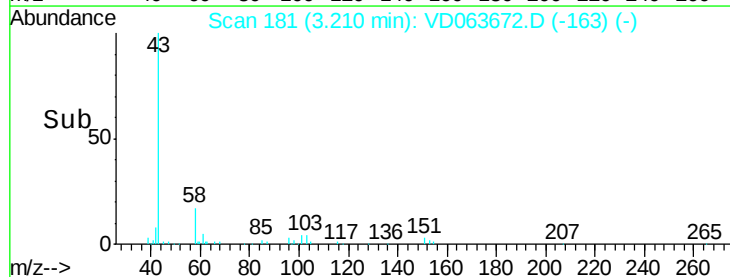
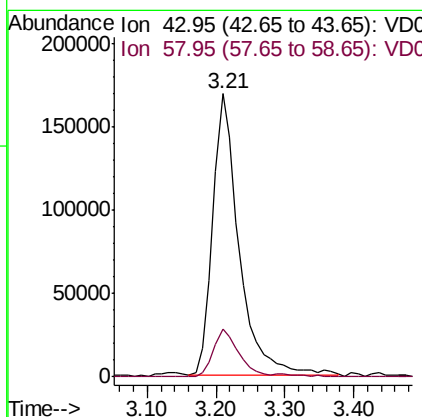
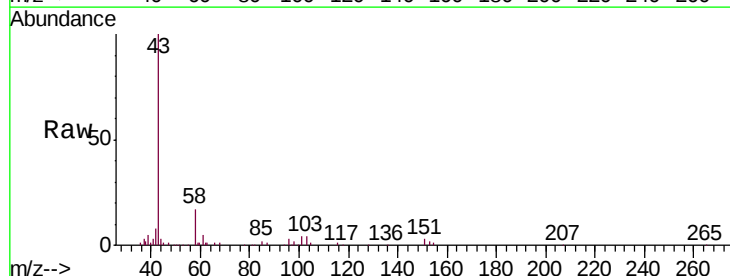
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

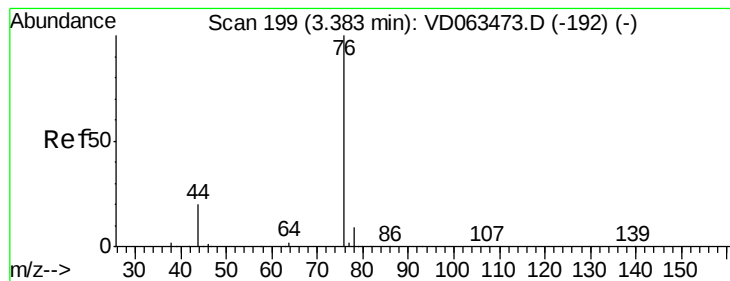
Tgt Ion: 53 Resp: 312951
 Ion Ratio Lower Upper
 53 100
 52 97.8 77.4 116.0
 51 49.2 36.7 55.1



#16
 Acetone
 Concen: 215.437 ug/l
 RT: 3.21 min Scan# 181
 Delta R.T. -0.03 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

Tgt Ion: 43 Resp: 448701
 Ion Ratio Lower Upper
 43 100
 58 16.8 11.4 17.2





#17

Carbon Disulfide

Concen: 49.345 ug/l

RT: 3.36 min Scan# 196

Delta R.T. -0.03 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

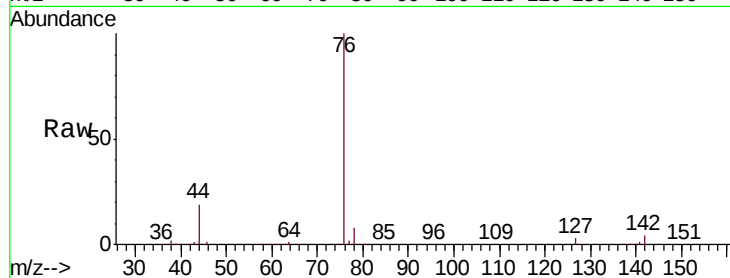
VSTDCCC050EC

Tgt Ion: 76 Resp: 1206186

Ion Ratio Lower Upper

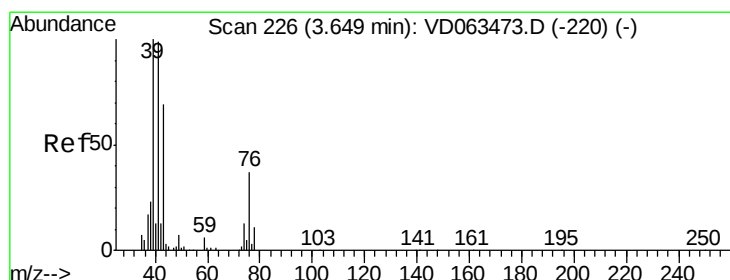
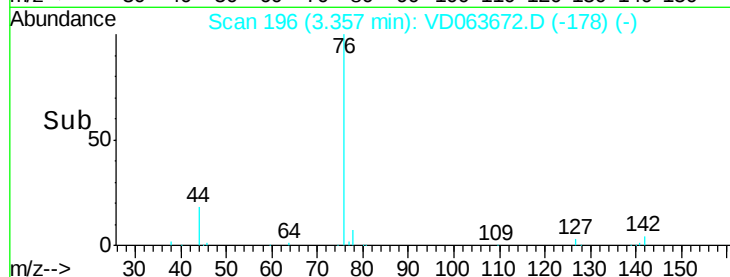
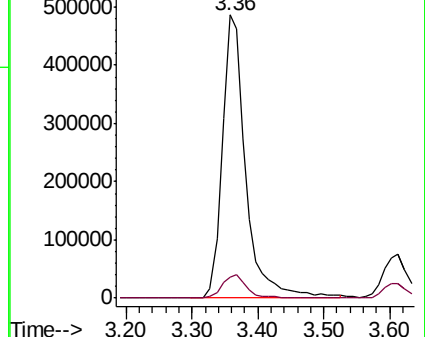
76 100

78 7.5 7.4 11.0



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 50.406 ug/l

RT: 3.63 min Scan# 224

Delta R.T. -0.02 min

Lab File: VD063672.D

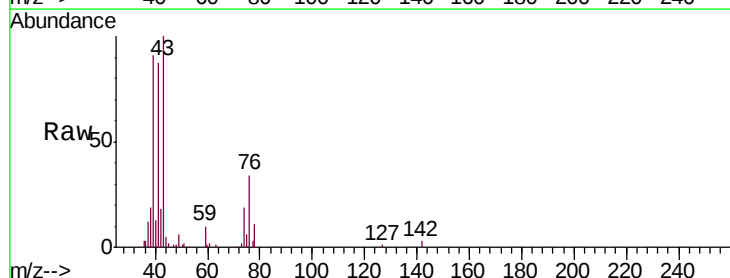
Acq: 19 Aug 2019 22:17

Tgt Ion: 43 Resp: 198851

Ion Ratio Lower Upper

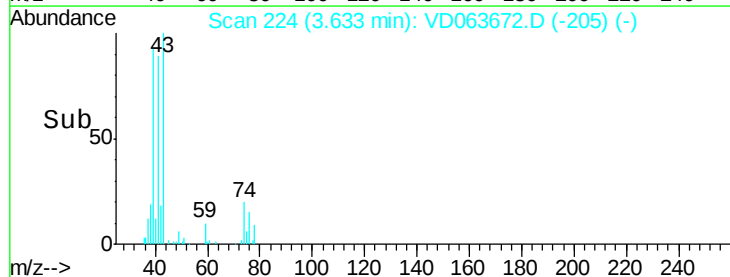
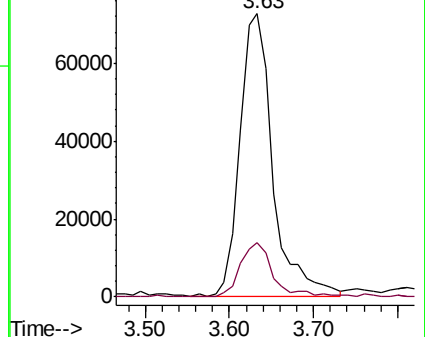
43 100

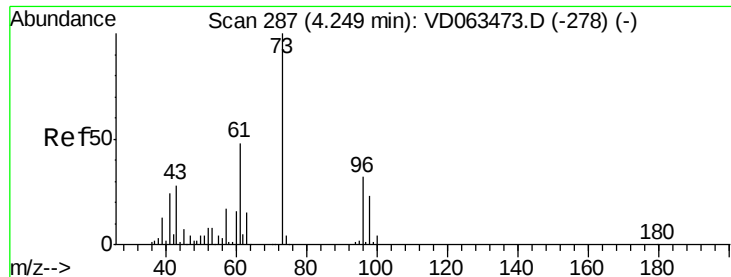
74 19.1 15.4 23.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC



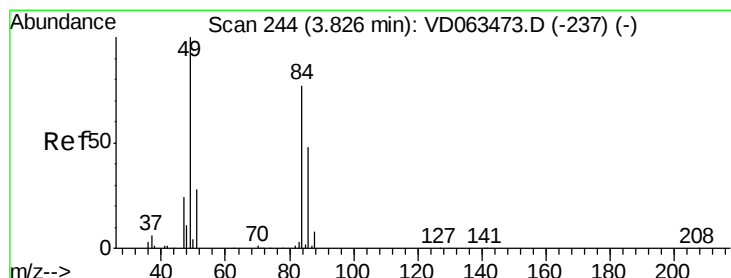
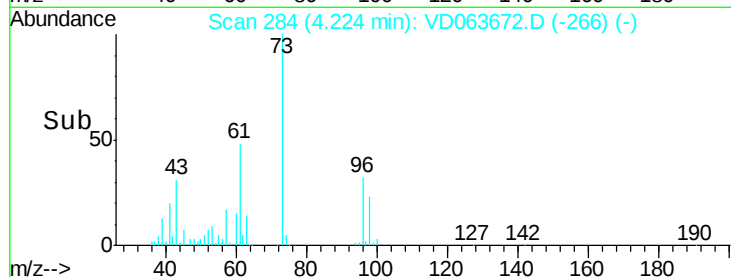
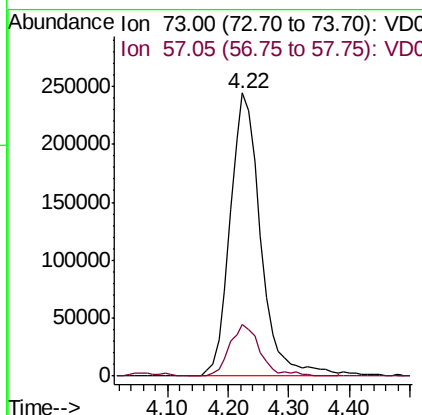
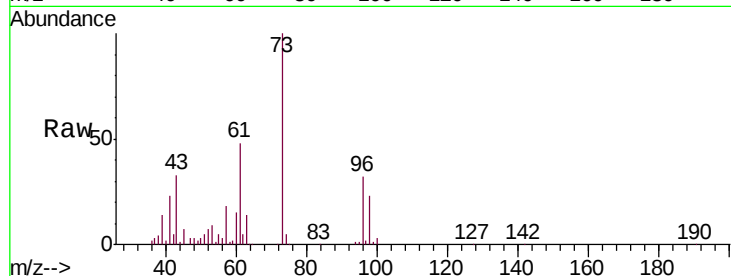


#19

Methyl tert-butyl Ether
 Concen: 55.259 ug/l
 RT: 4.22 min Scan# 284
 Delta R.T. -0.03 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

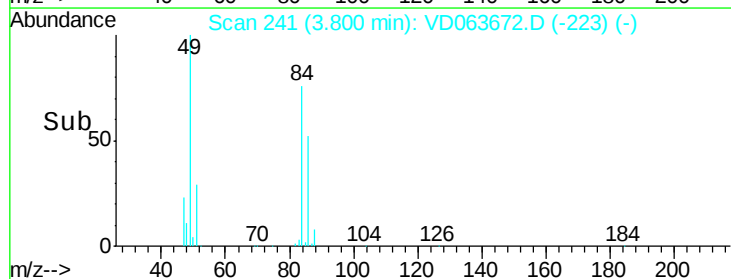
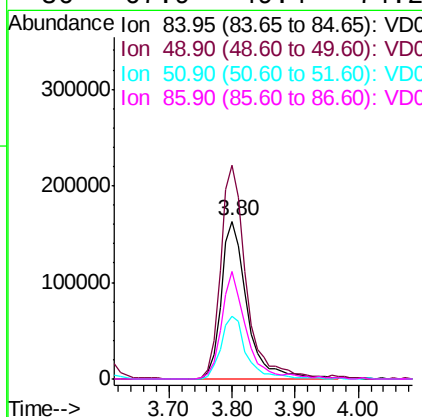
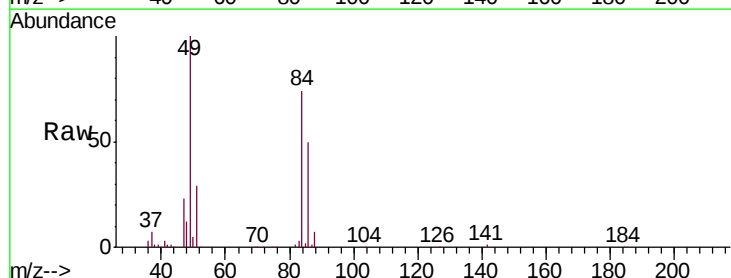
Tgt Ion: 73 Resp: 855921
 Ion Ratio Lower Upper
 73 100
 57 18.1 14.0 21.0

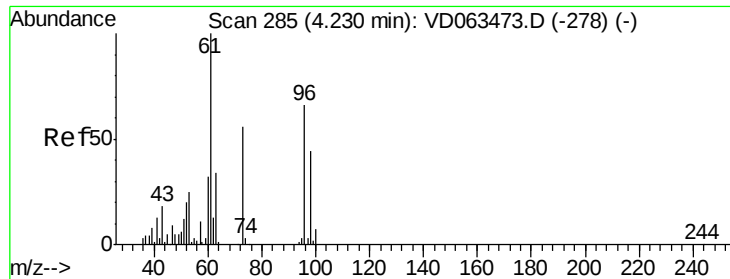


#20

Methylene Chloride
 Concen: 51.652 ug/l
 RT: 3.80 min Scan# 241
 Delta R.T. -0.03 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

Tgt Ion: 84 Resp: 465185
 Ion Ratio Lower Upper
 84 100
 49 135.4 103.4 155.2
 51 39.6 28.5 42.7
 86 67.9 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 55.297 ug/l

RT: 4.20 min Scan# 282

Delta R.T. -0.03 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

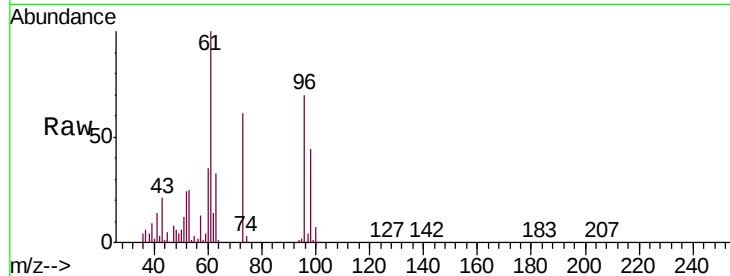
Tgt Ion: 96 Resp: 450690

Ion Ratio Lower Upper

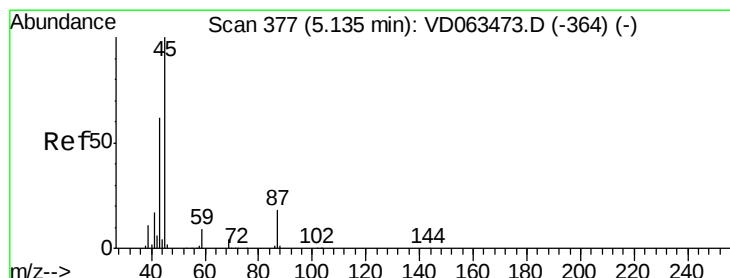
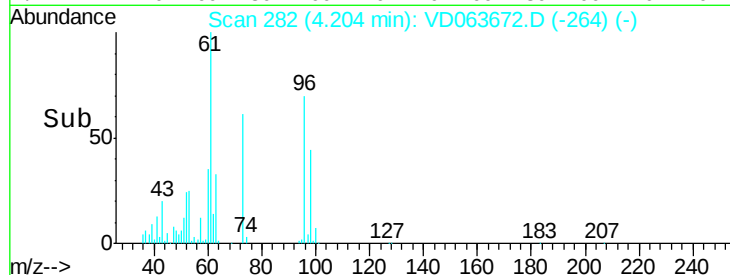
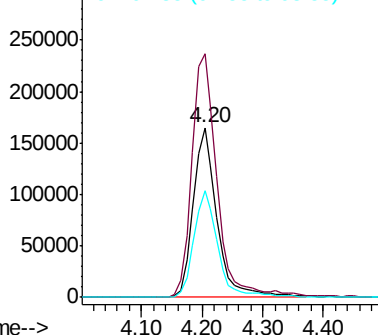
96 100

61 143.2 121.7 182.5

98 62.9 54.2 81.2



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: 54.580 ug/l

RT: 5.11 min Scan# 374

Delta R.T. -0.03 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Tgt Ion: 45 Resp: 1311331

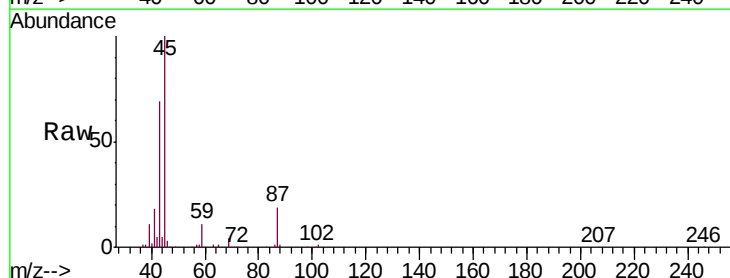
Ion Ratio Lower Upper

45 100

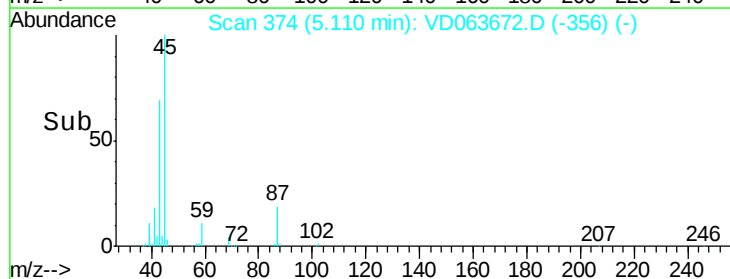
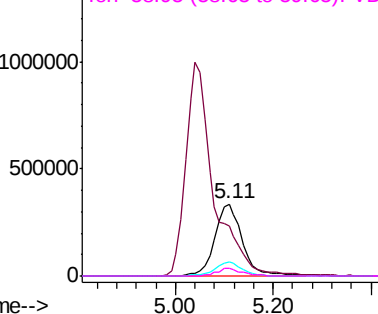
43 69.4 50.3 75.5

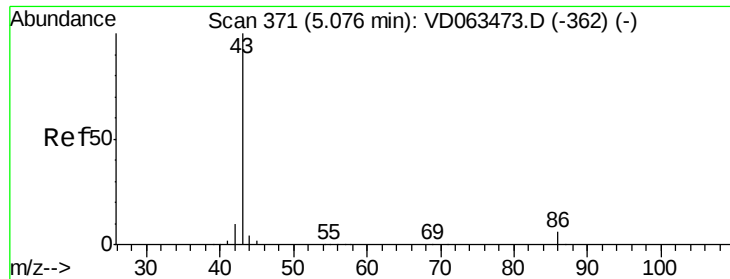
87 18.9 14.3 21.5

59 10.5 7.7 11.5



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

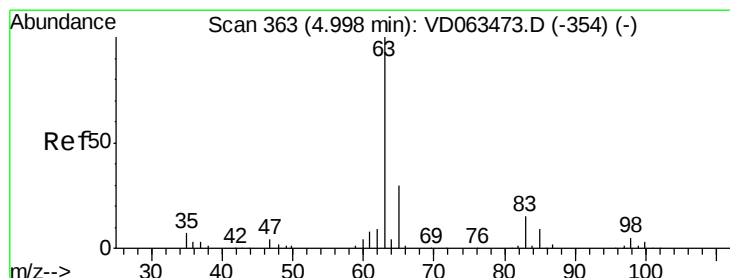
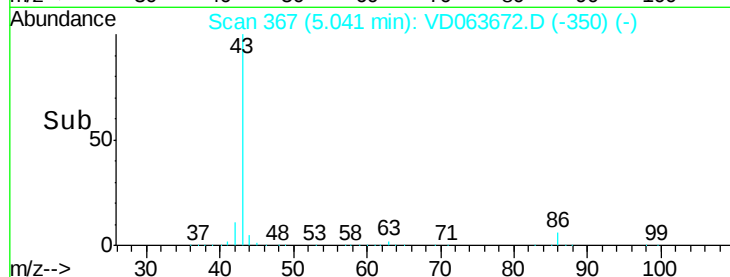
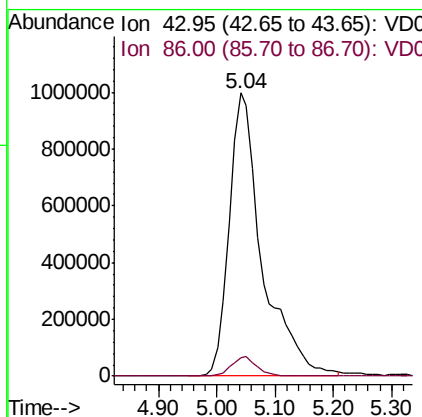
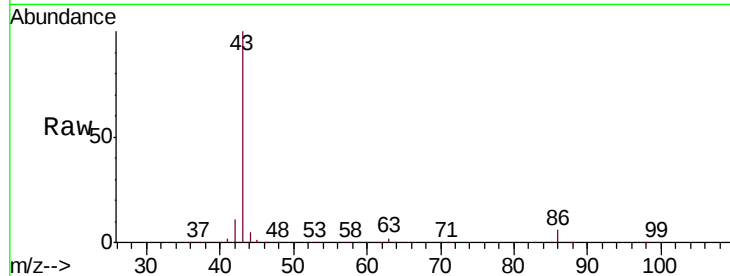




#23
 Vinyl Acetate
 Concen: 280.524 ug/l
 RT: 5.04 min Scan# 367
 Delta R.T. -0.04 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

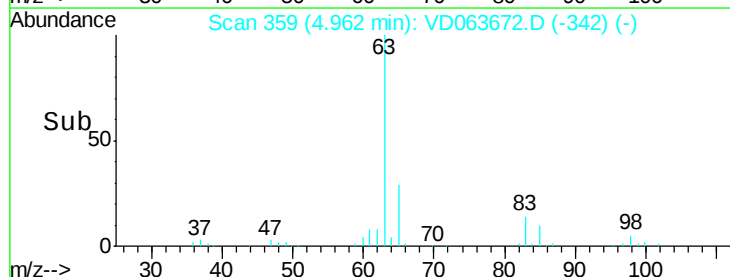
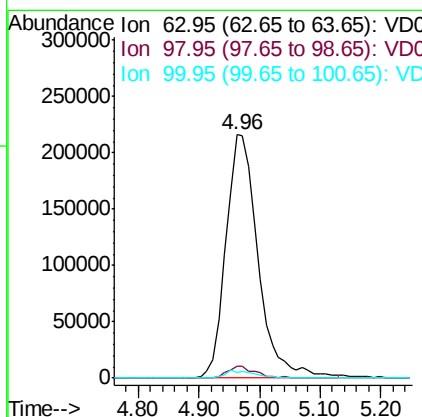
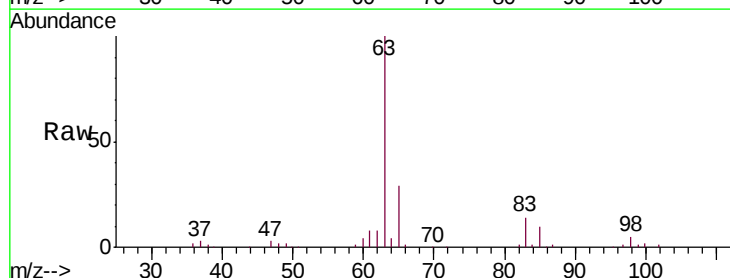
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

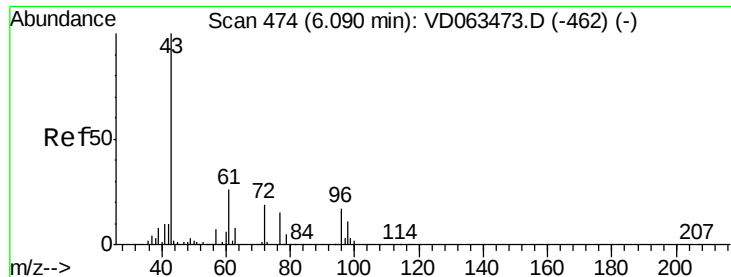
Tgt Ion: 43 Resp: 3918249
 Ion Ratio Lower Upper
 43 100
 86 6.5 4.8 7.2



#24
 1,1-Dichloroethane
 Concen: 53.657 ug/l
 RT: 4.96 min Scan# 359
 Delta R.T. -0.04 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

Tgt Ion: 63 Resp: 799577
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.4 7.2
 100 2.4 1.3 3.8





#25

2-Butanone

Concen: 256.308 ug/l

RT: 6.06 min Scan# 471

Delta R.T. -0.03 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

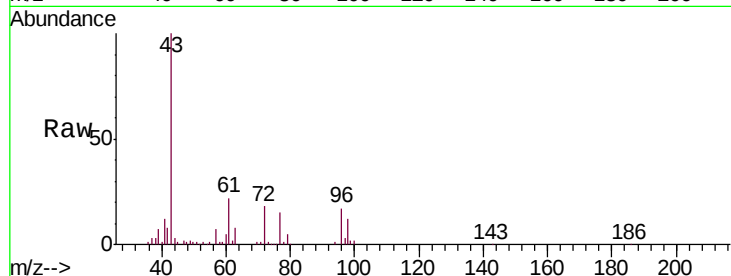
VSTDCCC050EC

Tgt Ion: 43 Resp: 527225

Ion Ratio Lower Upper

43 100

72 18.2 15.1 22.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

200000

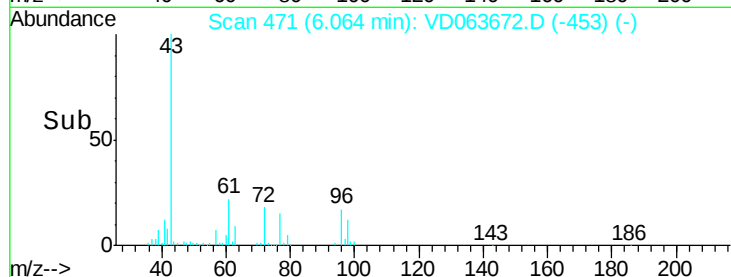
150000

100000

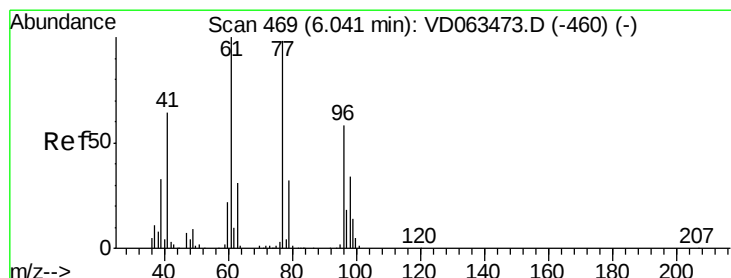
50000

0

Time-->



Time-->



#26

2,2-Dichloropropane

Concen: 57.134 ug/l

RT: 6.02 min Scan# 466

Delta R.T. -0.03 min

Lab File: VD063672.D

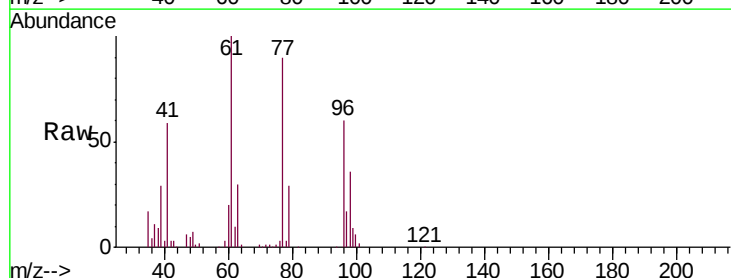
Acq: 19 Aug 2019 22:17

Tgt Ion: 77 Resp: 848012

Ion Ratio Lower Upper

77 100

97 19.3 9.0 27.1



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

250000

200000

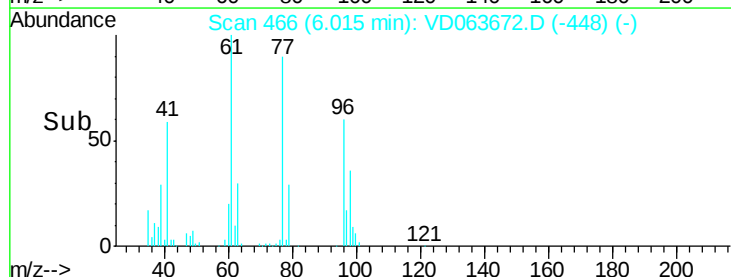
150000

100000

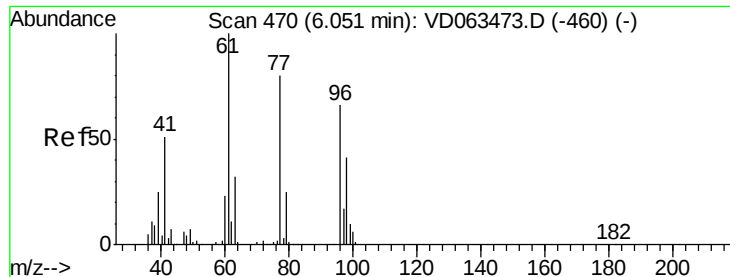
50000

0

Time-->



Time-->

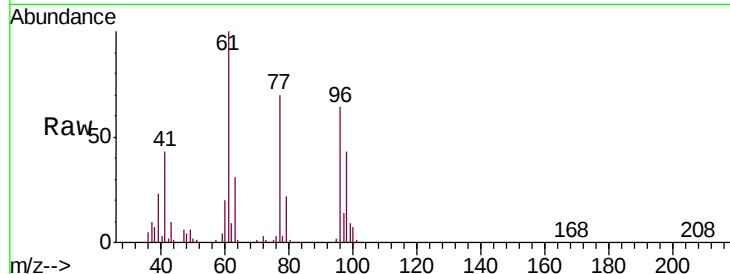


#27

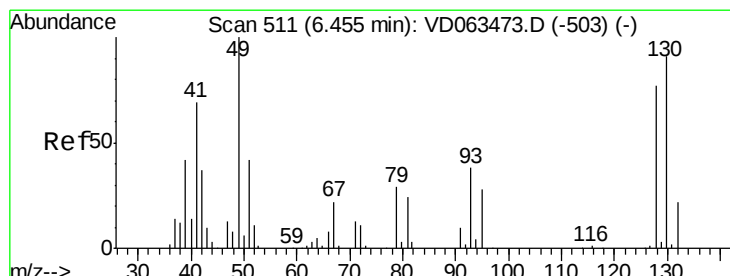
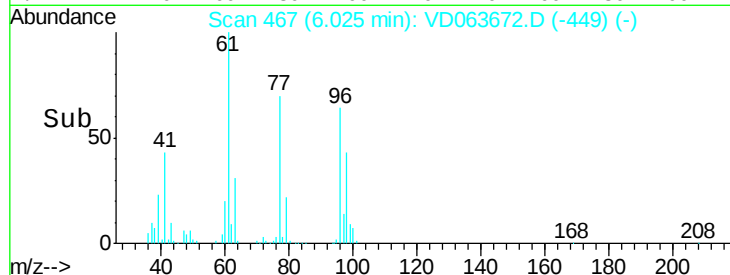
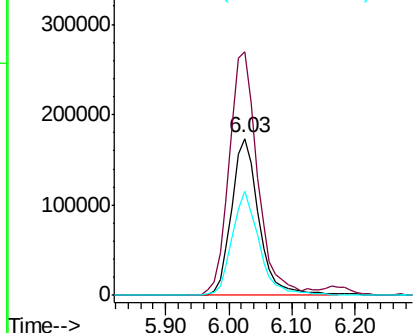
cis-1,2-Dichloroethene
 Concen: 58.314 ug/l
 RT: 6.03 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 519996
 Ion Ratio Lower Upper
 96 100
 61 155.0 0.0 304.0
 98 66.0 0.0 124.8



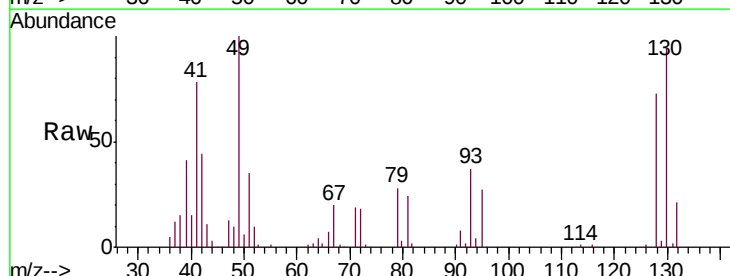
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC



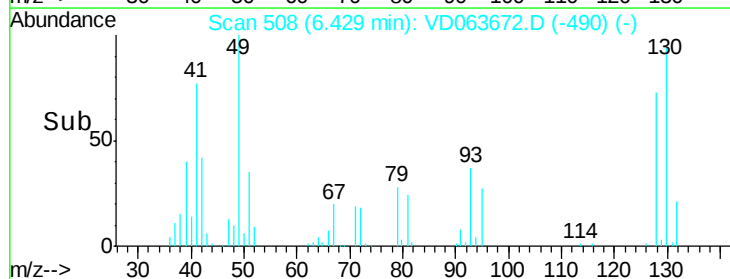
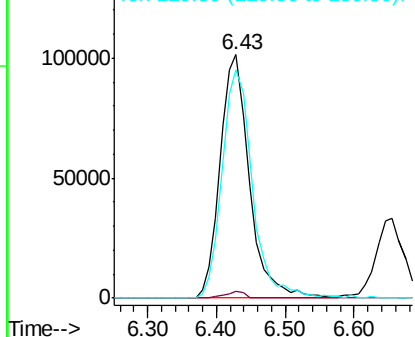
#28

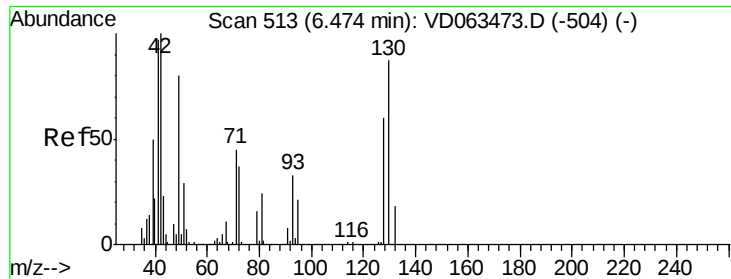
Bromochloromethane
 Concen: 49.542 ug/l
 RT: 6.43 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

Tgt Ion: 49 Resp: 299208
 Ion Ratio Lower Upper
 49 100
 129 3.1 0.0 6.4
 130 94.0 72.4 108.6



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





#29

Tetrahydrofuran

Concen: 242.095 ug/l

RT: 6.45 min Scan# 510

Delta R.T. -0.03 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

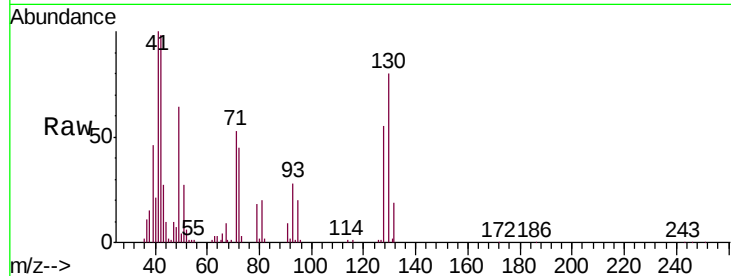
Tgt Ion: 42 Resp: 232050

Ion Ratio Lower Upper

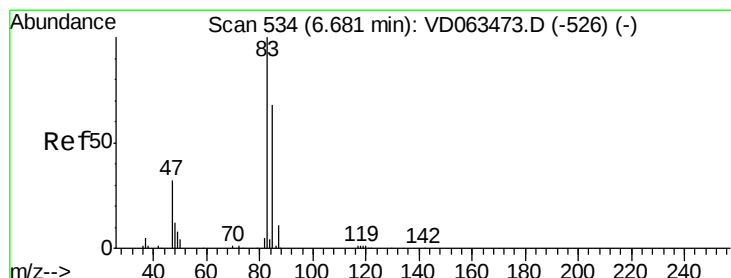
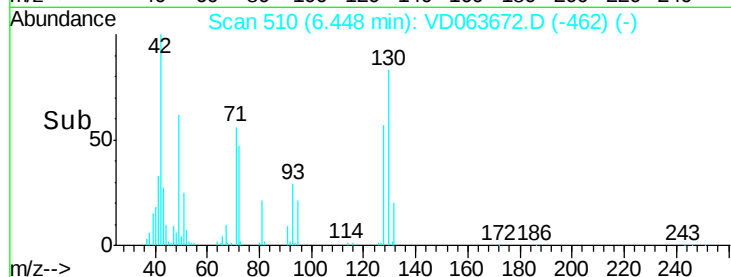
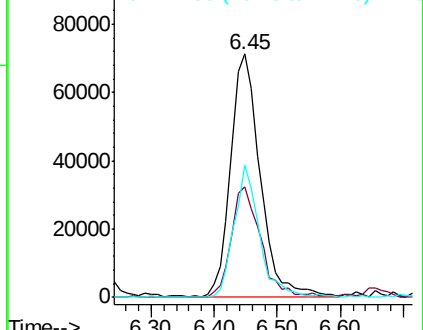
42 100

72 44.3 31.5 47.3

71 45.7 33.8 50.8



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: 53.641 ug/l

RT: 6.65 min Scan# 530

Delta R.T. -0.04 min

Lab File: VD063672.D

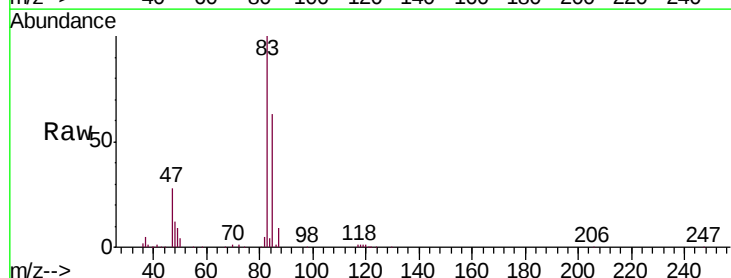
Acq: 19 Aug 2019 22:17

Tgt Ion: 83 Resp: 993567

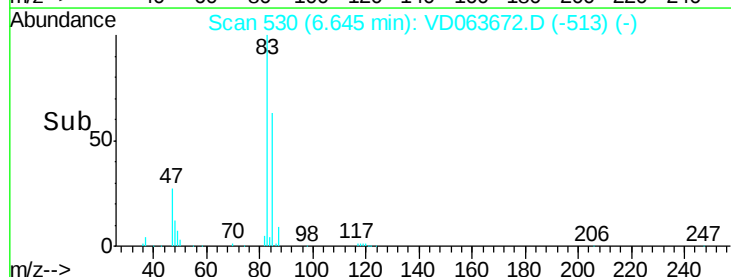
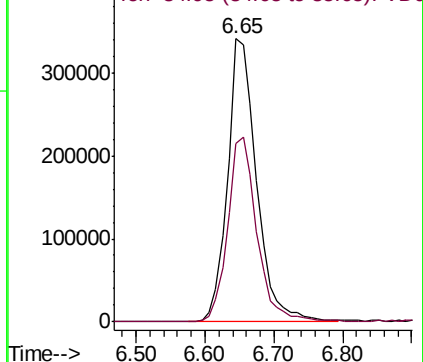
Ion Ratio Lower Upper

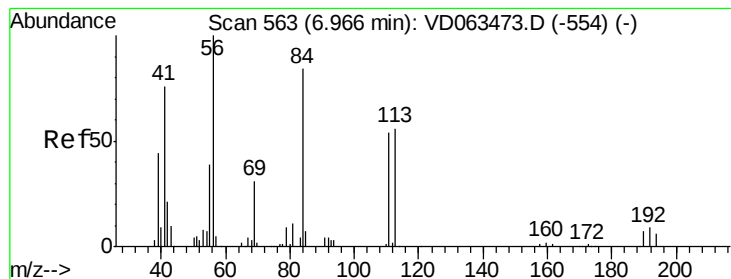
83 100

85 63.2 54.8 82.2



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





#31

Cyclohexane

Concen: 50.033 ug/l

RT: 6.94 min Scan# 560

Delta R.T. -0.03 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

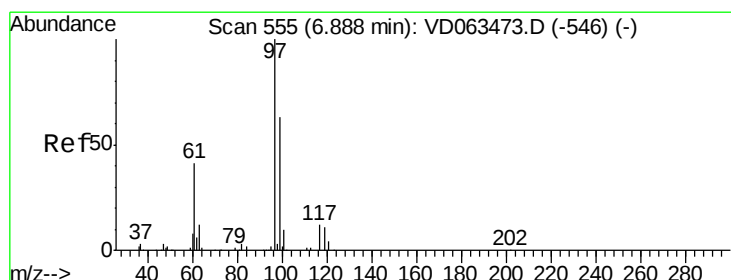
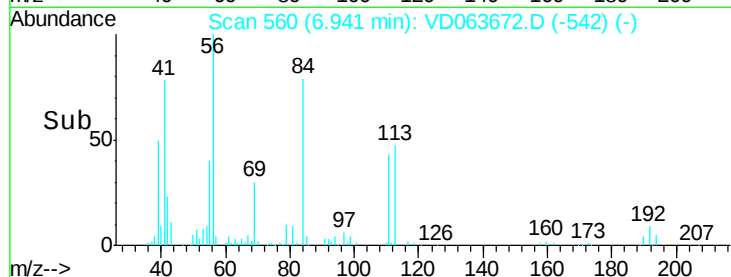
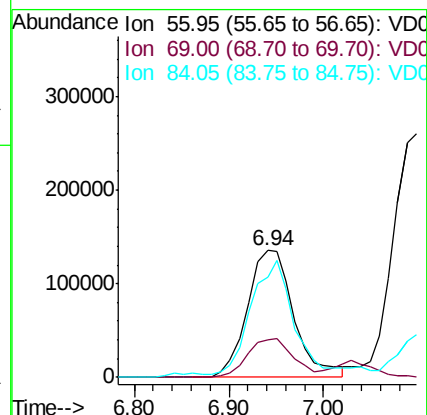
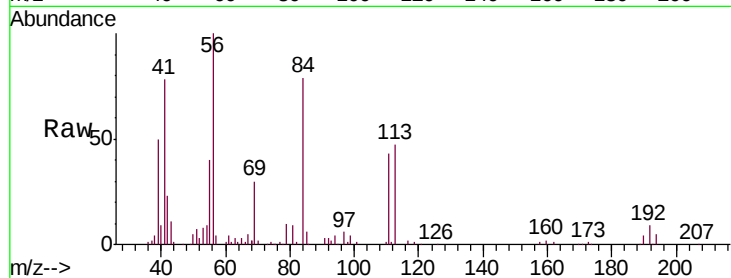
Tgt Ion: 56 Resp: 462857

Ion Ratio Lower Upper

56 100

69 30.1 25.0 37.6

84 78.6 69.7 104.5



#32

1,1,1-Trichloroethane

Concen: 54.505 ug/l

RT: 6.85 min Scan# 551

Delta R.T. -0.04 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

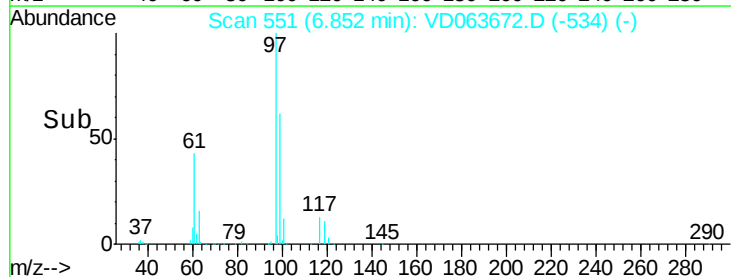
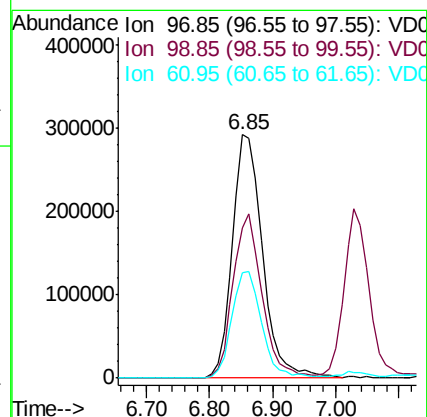
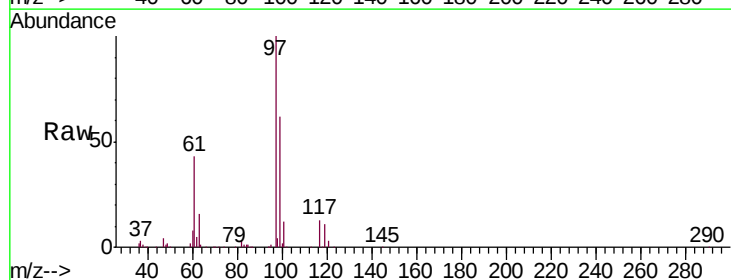
Tgt Ion: 97 Resp: 965742

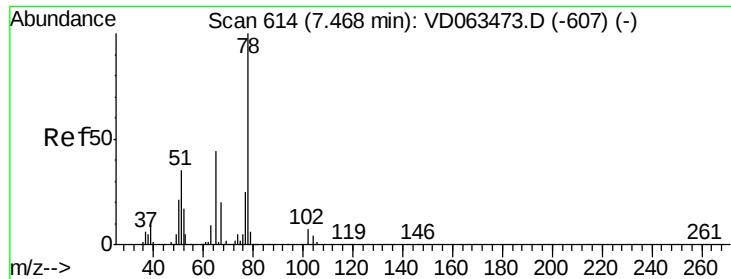
Ion Ratio Lower Upper

97 100

99 61.9 50.2 75.4

61 43.2 33.1 49.7





#33

1,2-Dichloroethane-d4

Concen: 46.787 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.03 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

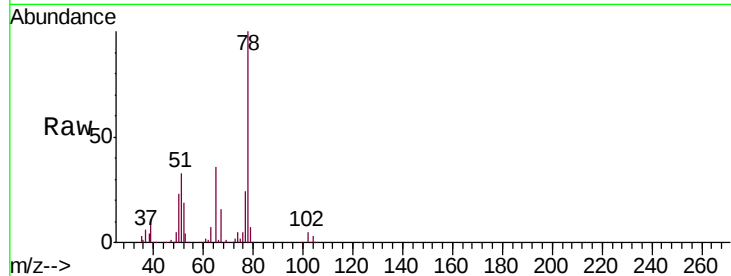
VSTDCCC050EC

Tgt Ion: 65 Resp: 479365

Ion Ratio Lower Upper

65 100

67 45.7 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

200000

150000

100000

50000

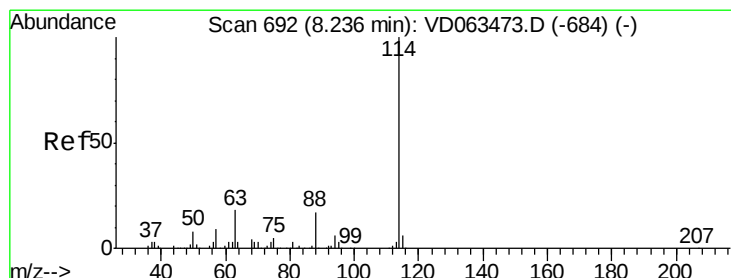
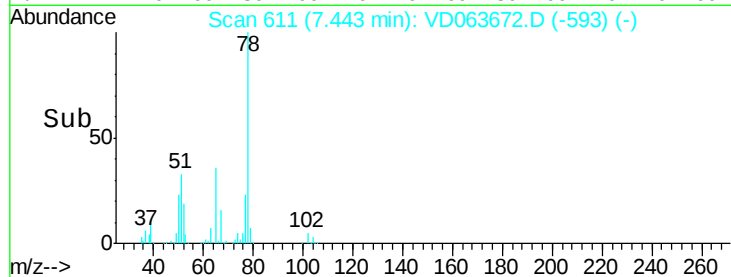
0

7.30

7.40

7.50

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

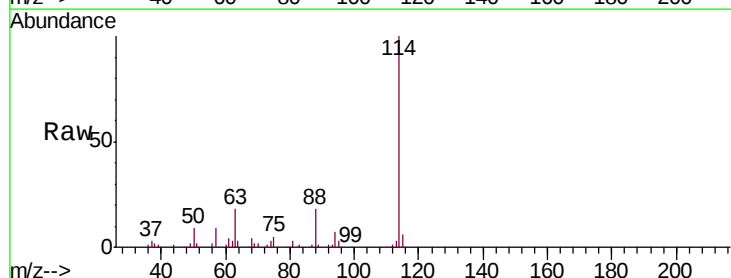
Tgt Ion: 114 Resp: 1362590

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.2

88 18.4 0.0 35.0



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

600000

400000

200000

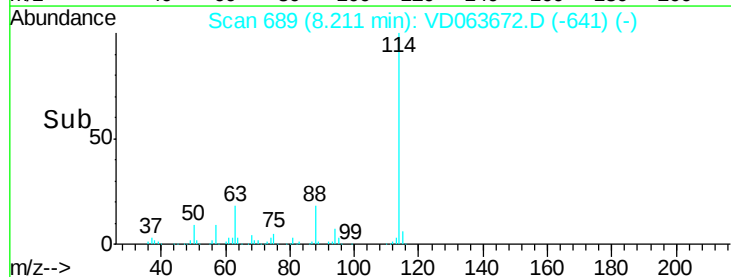
0

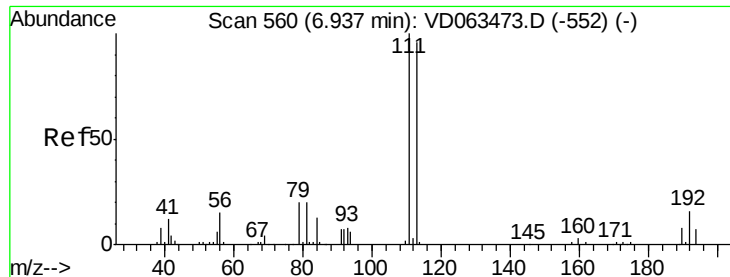
8.00

8.20

8.40

Time-->

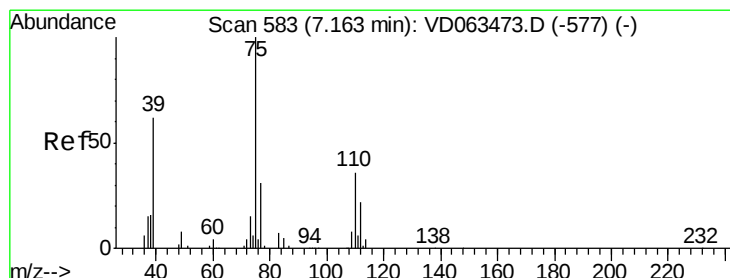
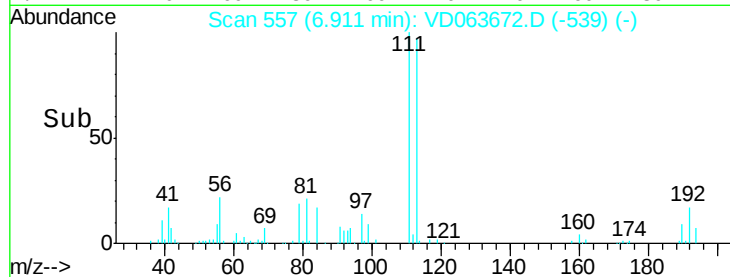
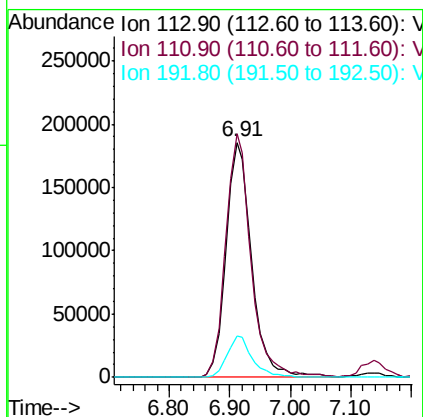
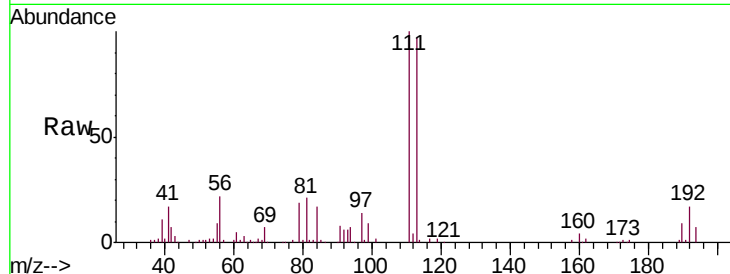




#35
 Dibromofluoromethane
 Concen: 47.372 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

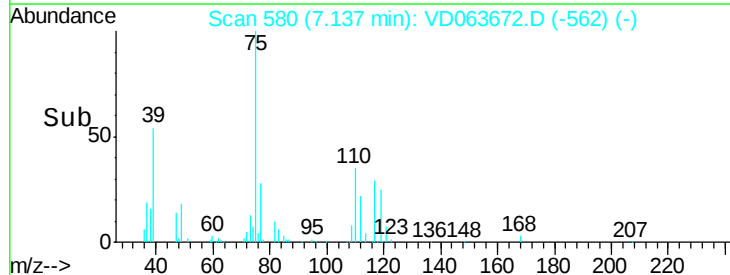
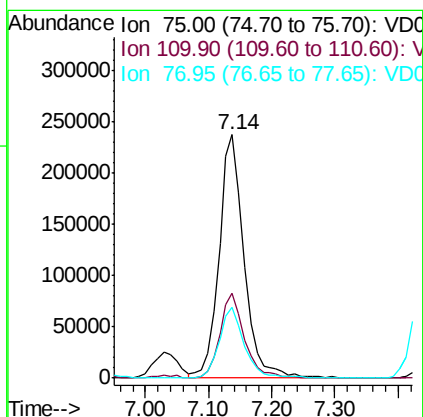
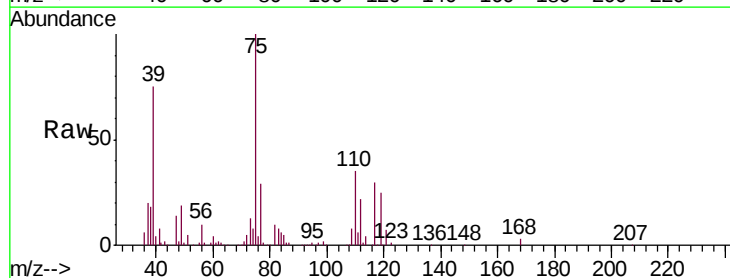
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

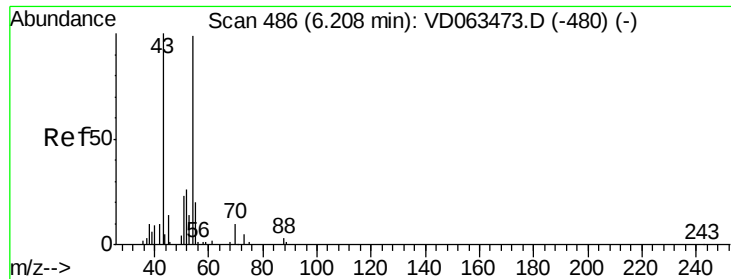
Tgt Ion:113 Resp: 543632
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.1 124.7
 192 17.4 13.1 19.7



#36
 1,1-Dichloropropene
 Concen: 54.477 ug/l
 RT: 7.14 min Scan# 580
 Delta R.T. -0.03 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

Tgt Ion: 75 Resp: 656212
 Ion Ratio Lower Upper
 75 100
 110 35.1 17.6 52.8
 77 29.1 24.3 36.5

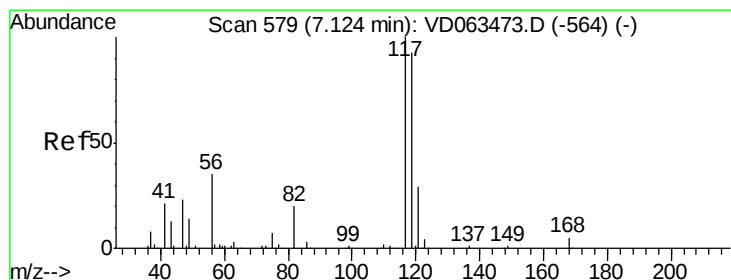
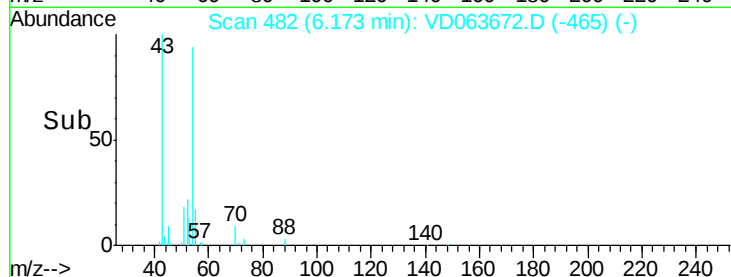
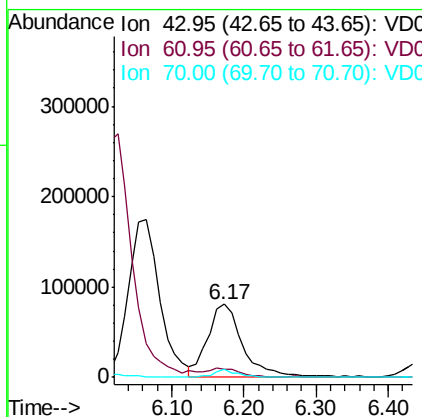
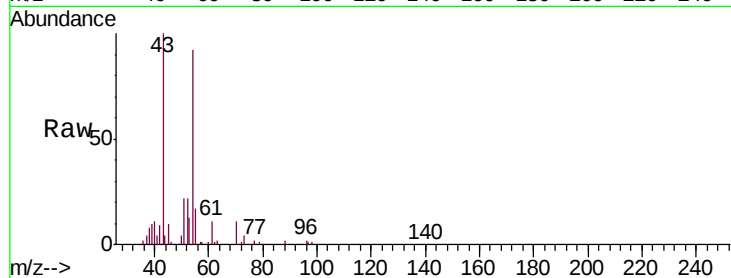




#37
 Ethyl Acetate
 Concen: 52.135 ug/l
 RT: 6.17 min Scan# 482
 Delta R.T. -0.04 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

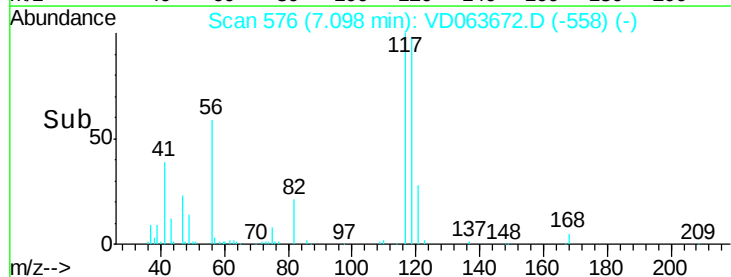
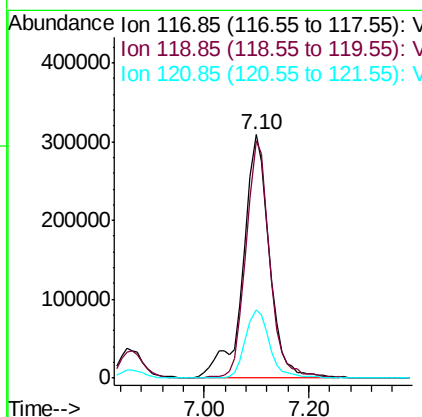
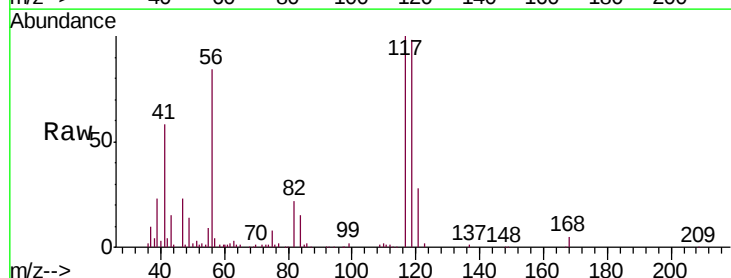
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

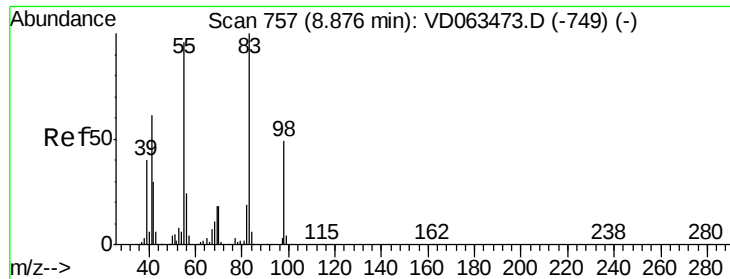
Tgt Ion: 43 Resp: 263152
 Ion Ratio Lower Upper
 43 100
 61 11.3 9.0 13.6
 70 11.4 6.9 10.3#



#38
 Carbon Tetrachloride
 Concen: 57.346 ug/l
 RT: 7.10 min Scan# 576
 Delta R.T. -0.03 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

Tgt Ion: 117 Resp: 1041067
 Ion Ratio Lower Upper
 117 100
 119 97.6 74.2 111.2
 121 28.1 23.1 34.7

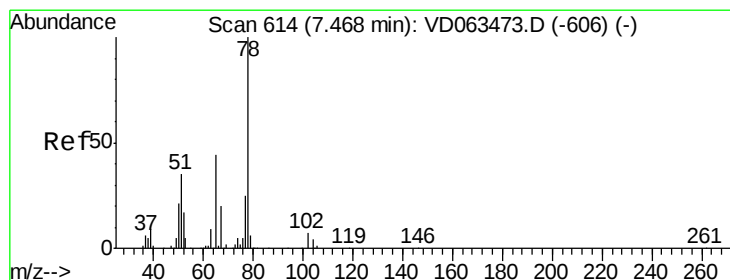
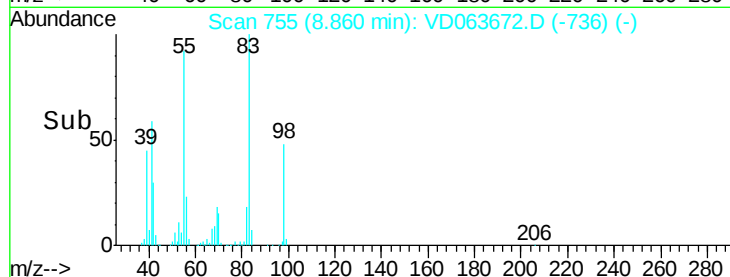
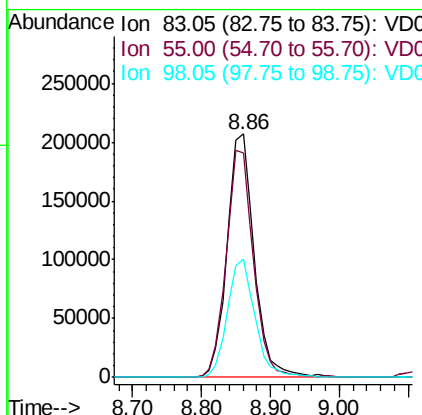
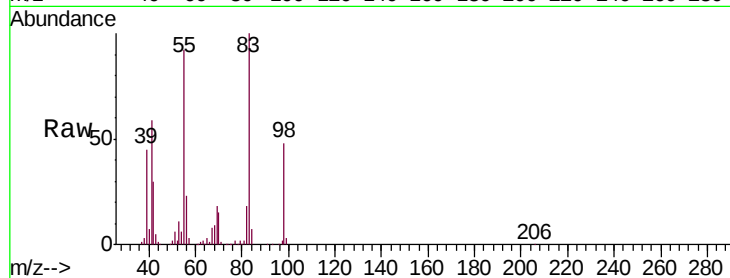




#39
Methylcyclohexane
Concen: 54.997 ug/l
RT: 8.86 min Scan# 755
Delta R.T. -0.02 min
Lab File: VD063672.D
Acq: 19 Aug 2019 22:17

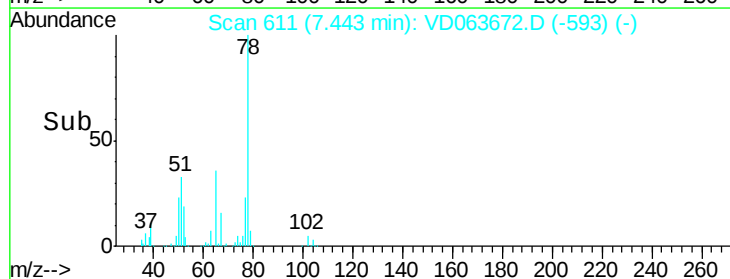
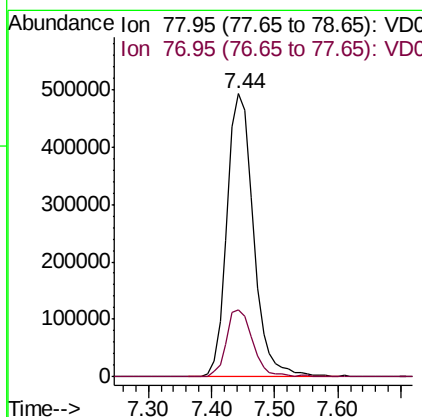
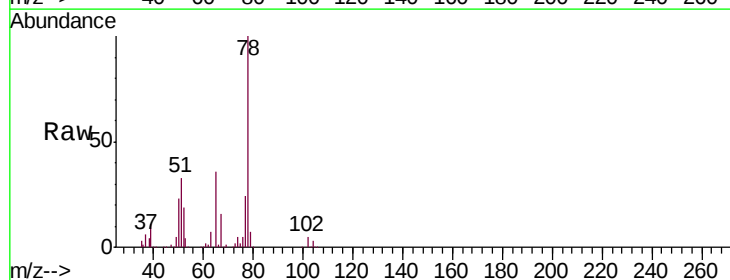
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

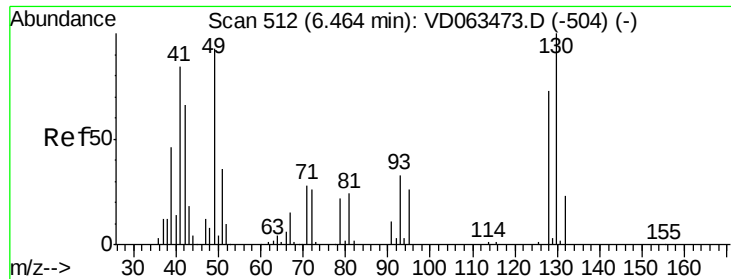
Tgt Ion: 83 Resp: 563328
Ion Ratio Lower Upper
83 100
55 92.0 76.6 114.8
98 48.3 39.4 59.0



#40
Benzene
Concen: 54.031 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.03 min
Lab File: VD063672.D
Acq: 19 Aug 2019 22:17

Tgt Ion: 78 Resp: 1432267
Ion Ratio Lower Upper
78 100
77 23.6 20.1 30.1





#41

Methacrylonitrile

Concen: 51.198 ug/l

RT: 6.44 min Scan# 509

Delta R.T. -0.03 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 325377

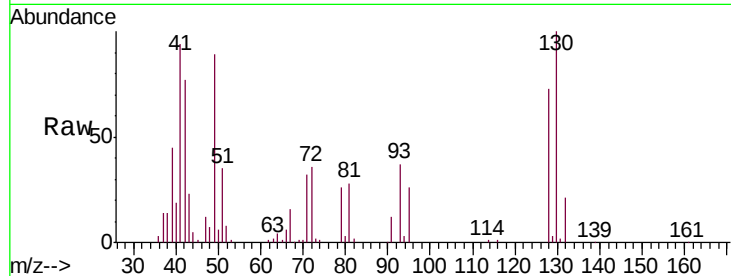
Ion Ratio Lower Upper

41 100

39 48.0 44.6 66.8

67 17.2 14.4 21.6

52 8.0 9.3 13.9#

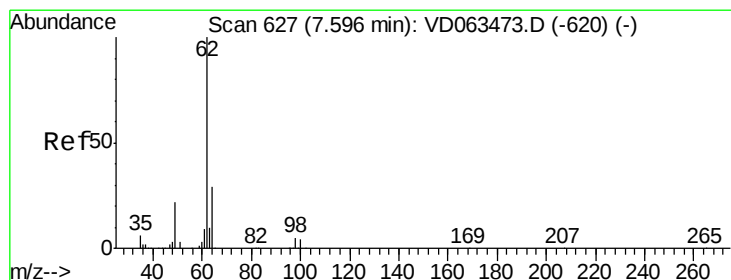
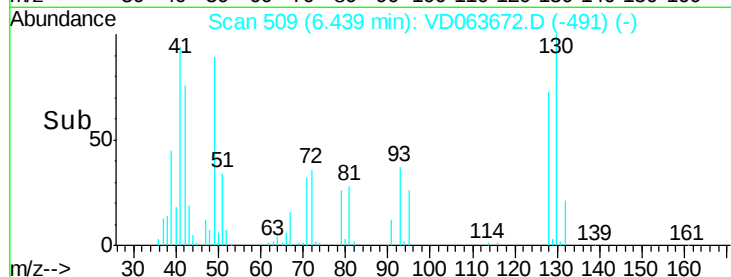
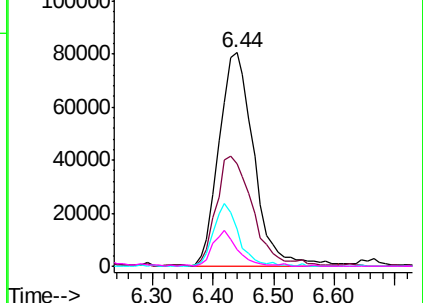


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 53.744 ug/l

RT: 7.57 min Scan# 624

Delta R.T. -0.03 min

Lab File: VD063672.D

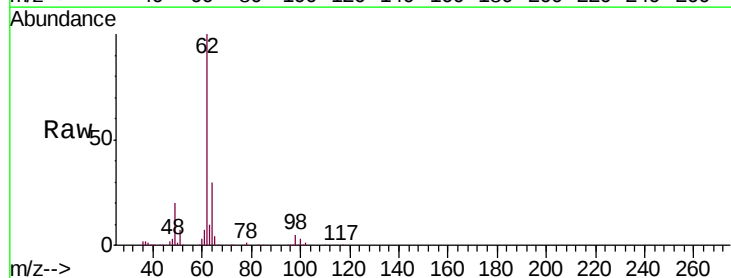
Acq: 19 Aug 2019 22:17

Tgt Ion: 62 Resp: 716355

Ion Ratio Lower Upper

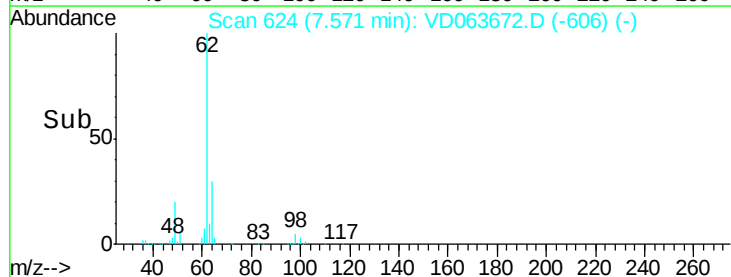
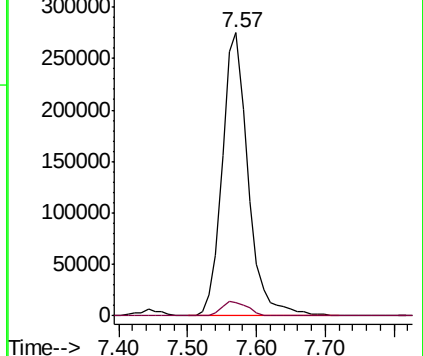
62 100

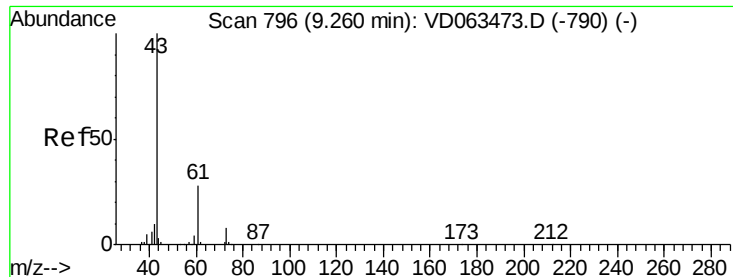
98 4.9 0.0 10.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 53.188 ug/l

RT: 9.23 min Scan# 793

Delta R.T. -0.03 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

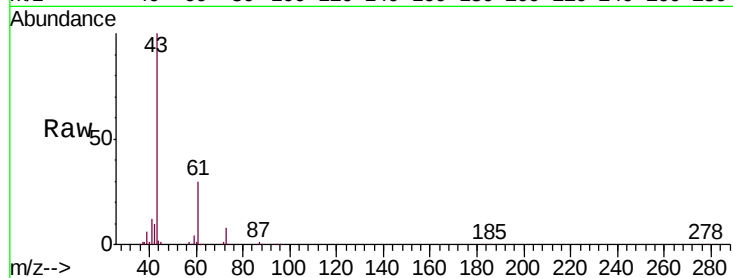
Tgt Ion: 43 Resp: 359562

Ion Ratio Lower Upper

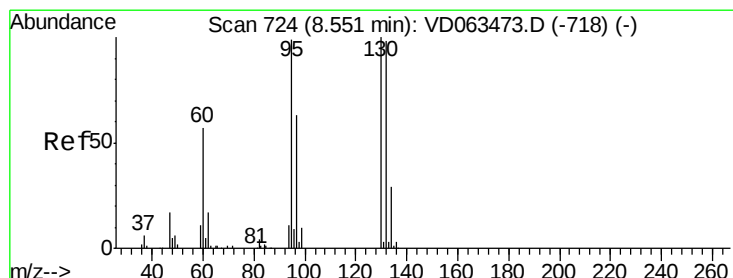
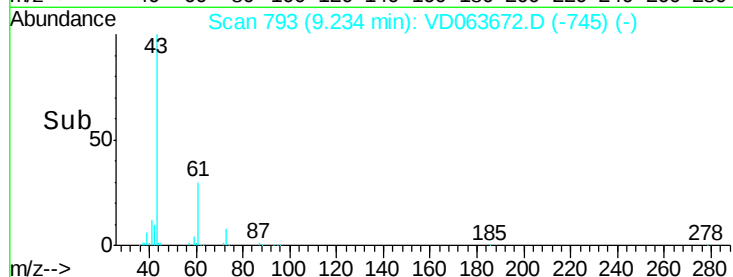
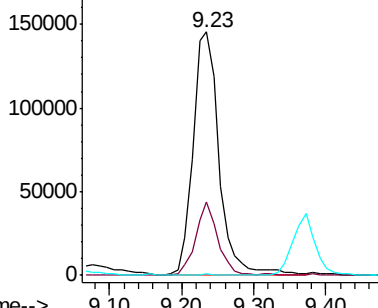
43 100

61 30.0 22.2 33.2

87 0.6 0.2 0.4#



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



#44

Trichloroethene

Concen: 53.080 ug/l

RT: 8.54 min Scan# 722

Delta R.T. -0.02 min

Lab File: VD063672.D

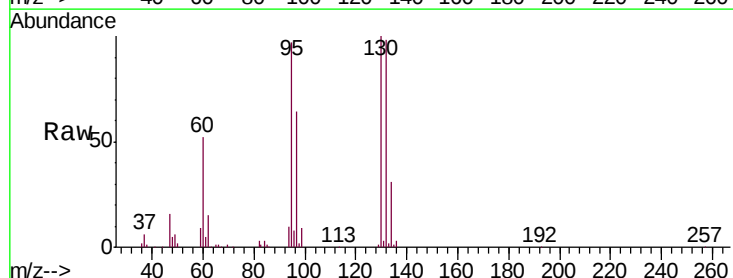
Acq: 19 Aug 2019 22:17

Tgt Ion: 130 Resp: 537801

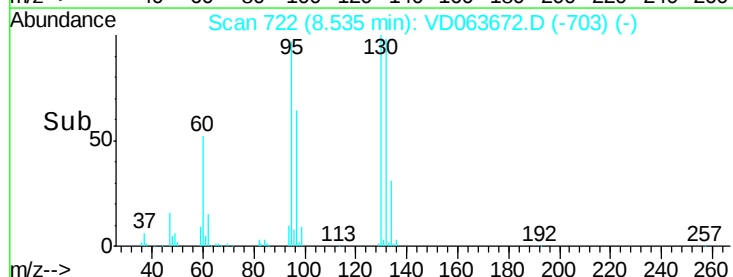
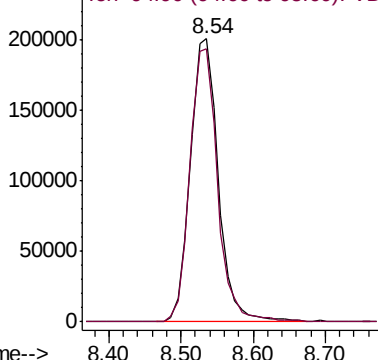
Ion Ratio Lower Upper

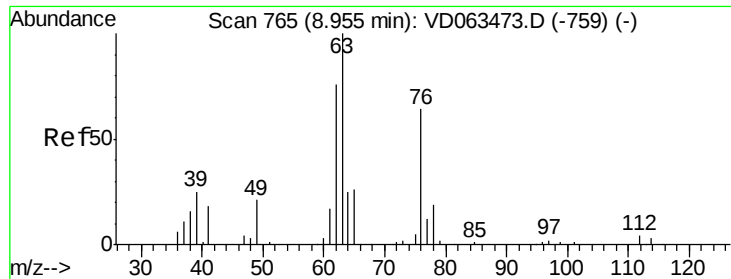
130 100

95 96.6 0.0 198.0



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





#45

1,2-Dichloropropane

Concen: 56.337 ug/l

RT: 8.93 min Scan# 762

Delta R.T. -0.03 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

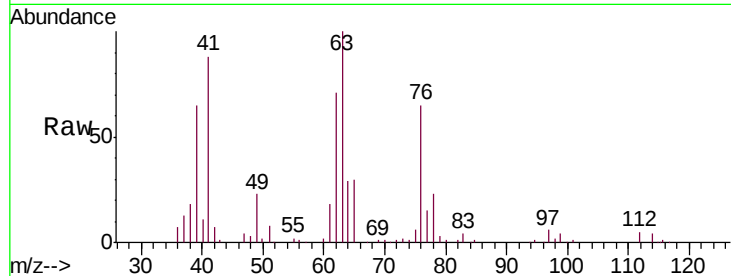
VSTDCCC050EC

Tgt Ion: 63 Resp: 347775

Ion Ratio Lower Upper

63 100

65 30.0 22.5 33.7



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.93

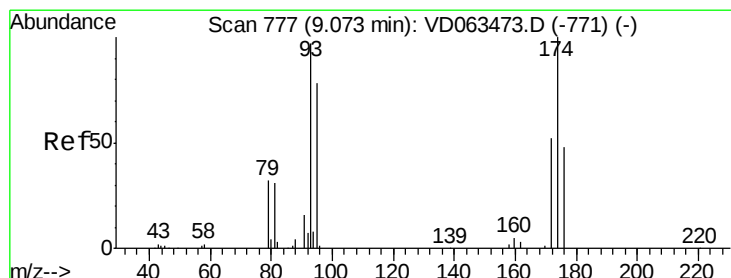
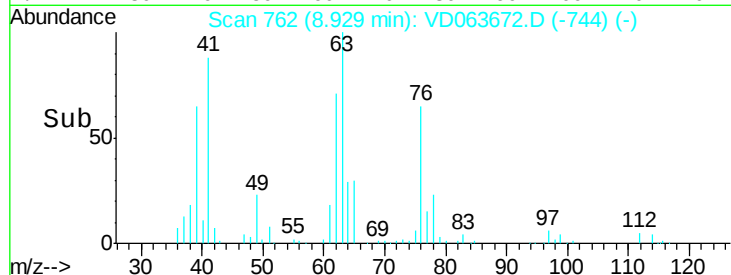
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 57.588 ug/l

RT: 9.06 min Scan# 775

Delta R.T. -0.02 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

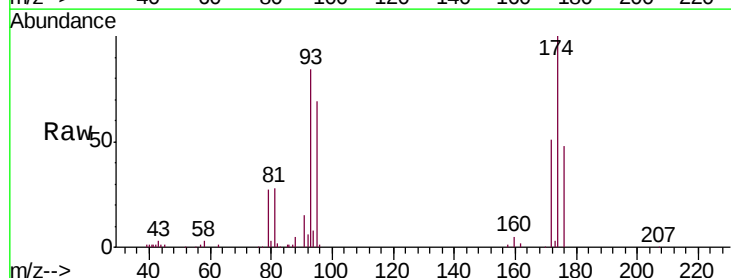
Tgt Ion: 93 Resp: 303587

Ion Ratio Lower Upper

93 100

95 82.6 64.2 96.2

174 119.2 82.1 123.1



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

9.06

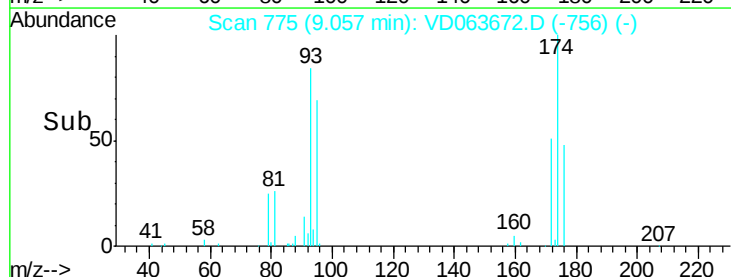
150000

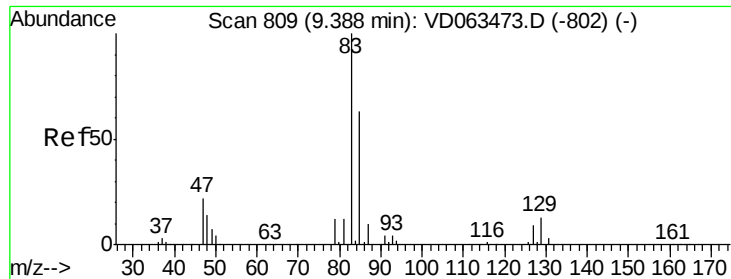
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 57.543 ug/l

RT: 9.37 min Scan# 807

Delta R.T. -0.02 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

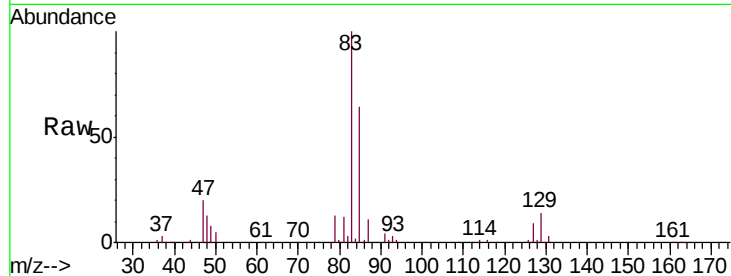
Tgt Ion: 83 Resp: 778123

Ion Ratio Lower Upper

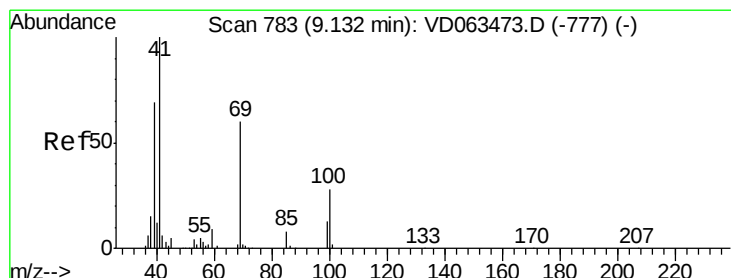
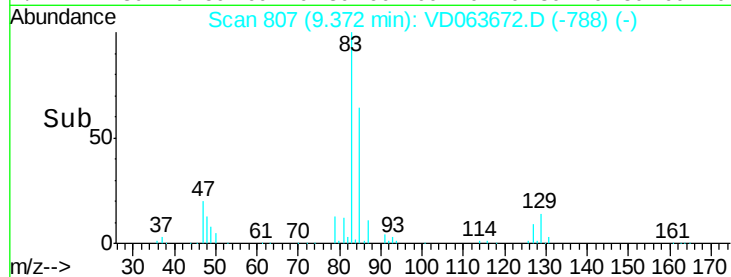
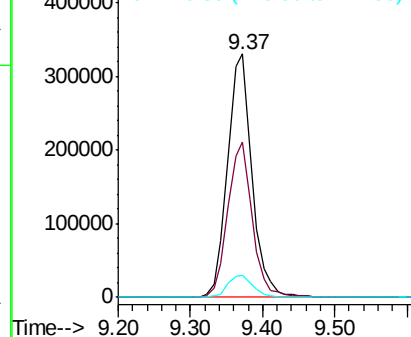
83 100

85 63.7 50.1 75.1

127 9.0 7.6 11.4



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: 53.920 ug/l

RT: 9.11 min Scan# 780

Delta R.T. -0.03 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

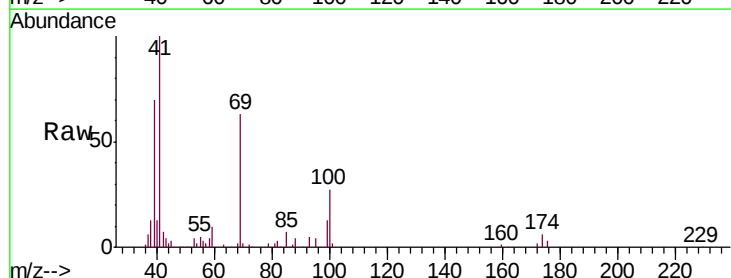
Tgt Ion: 41 Resp: 247200

Ion Ratio Lower Upper

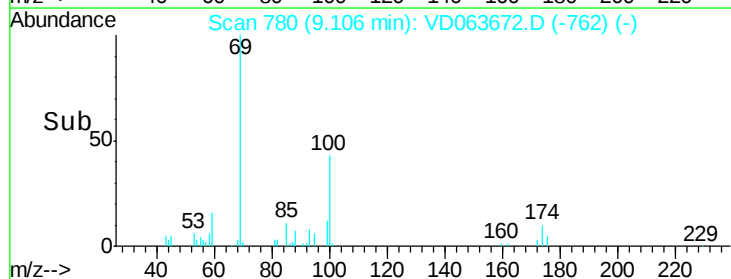
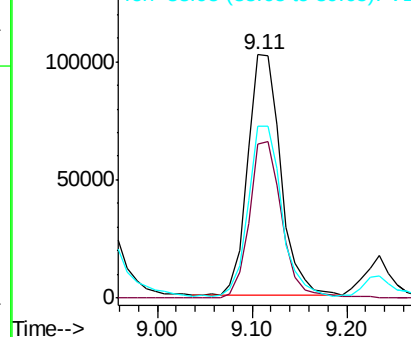
41 100

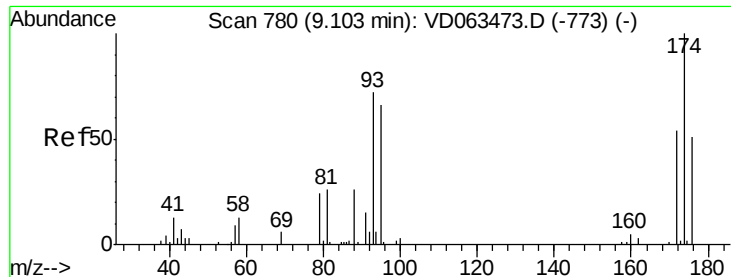
69 63.0 47.6 71.4

39 70.5 55.7 83.5



Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC

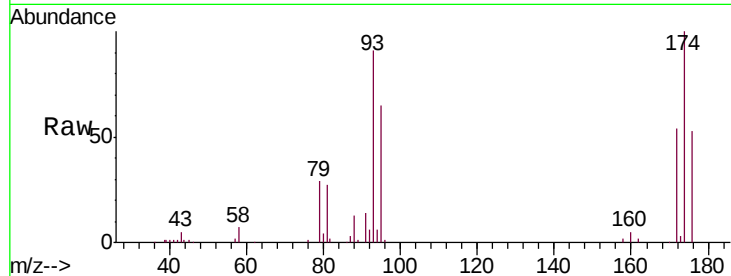




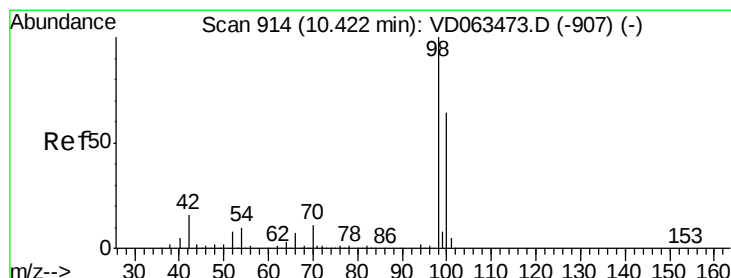
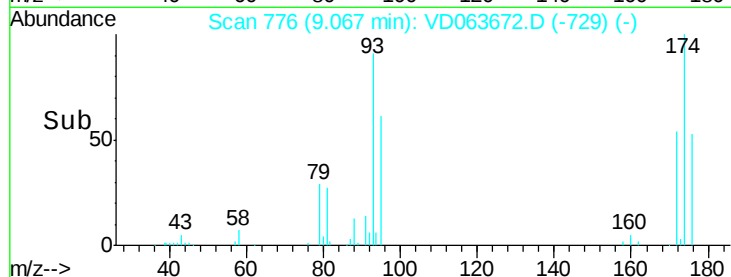
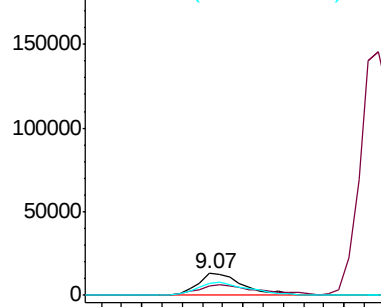
#49
 1,4-Dioxane
 Concen: 1000.646 ug/l
 RT: 9.07 min Scan# 776
 Delta R.T. -0.04 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 40967
 Ion Ratio Lower Upper
 88 100
 43 41.0 22.9 34.3#
 58 55.6 40.1 60.1

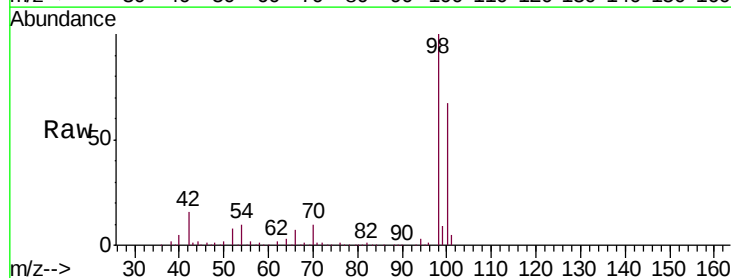


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.05 (42.75 to 43.75): VDC
 Ion 57.95 (57.65 to 58.65): VDC

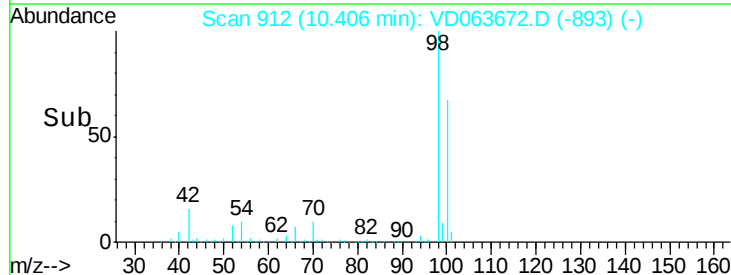
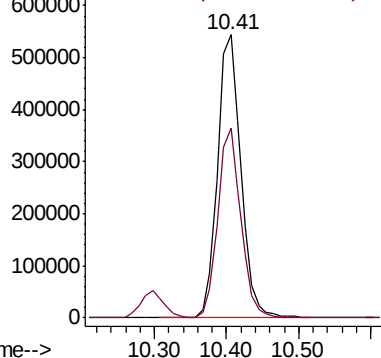


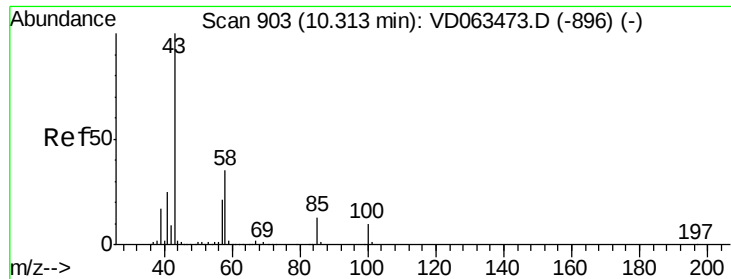
#50
 Toluene-d8
 Concen: 48.985 ug/l
 RT: 10.41 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

Tgt Ion: 98 Resp: 1235901
 Ion Ratio Lower Upper
 98 100
 100 67.2 51.7 77.5



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

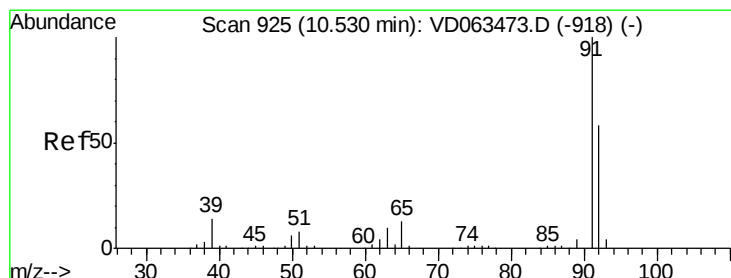
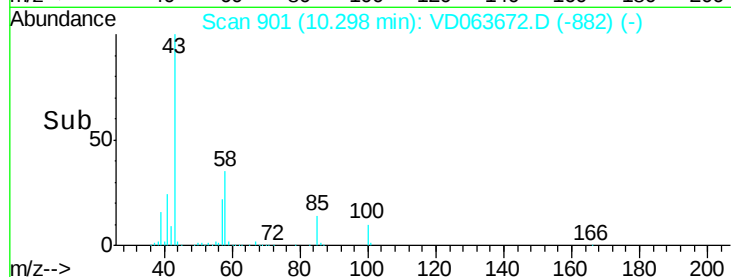
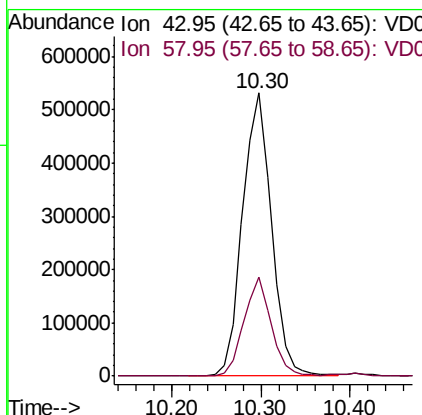
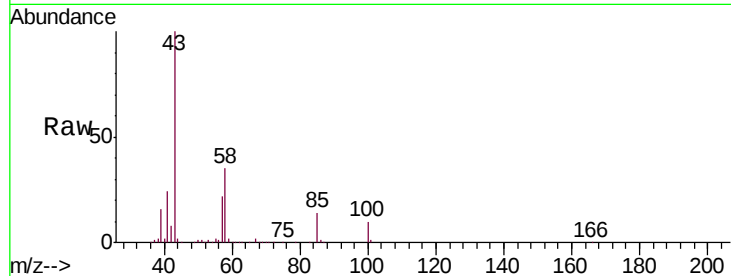




#51
 4-Methyl-2-Pentanone
 Concen: 257.769 ug/l
 RT: 10.30 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

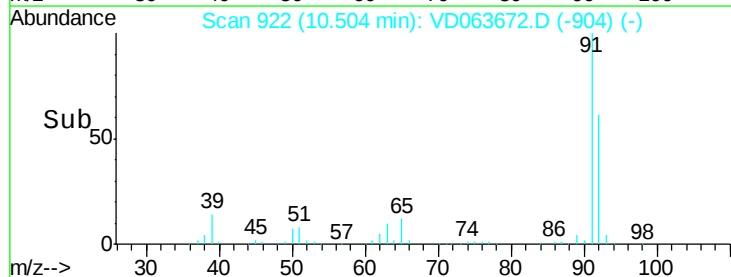
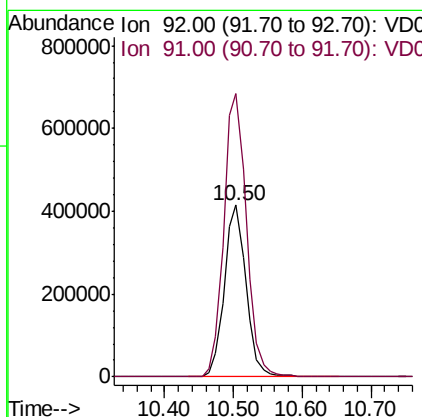
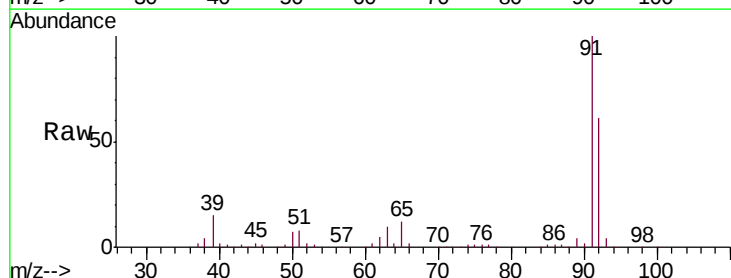
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

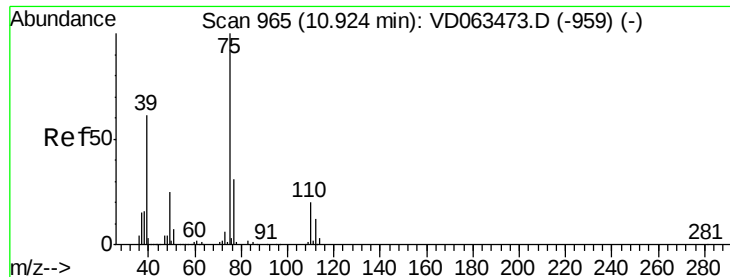
Tgt Ion: 43 Resp: 1192391
 Ion Ratio Lower Upper
 43 100
 58 35.1 28.0 42.0



#52
 Toluene
 Concen: 53.079 ug/l
 RT: 10.50 min Scan# 922
 Delta R.T. -0.03 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

Tgt Ion: 92 Resp: 906265
 Ion Ratio Lower Upper
 92 100
 91 164.6 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 57.963 ug/l

RT: 10.91 min Scan# 963

Delta R.T. -0.02 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

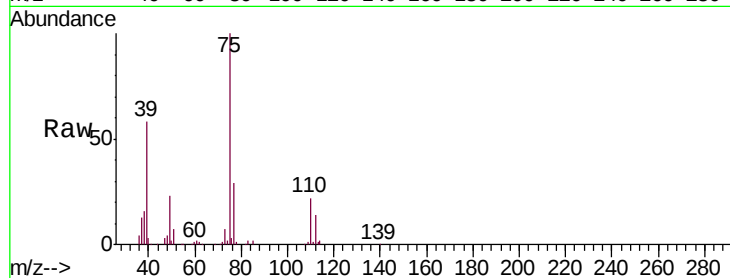
VSTDCCC050EC

Tgt Ion: 75 Resp: 639663

Ion Ratio Lower Upper

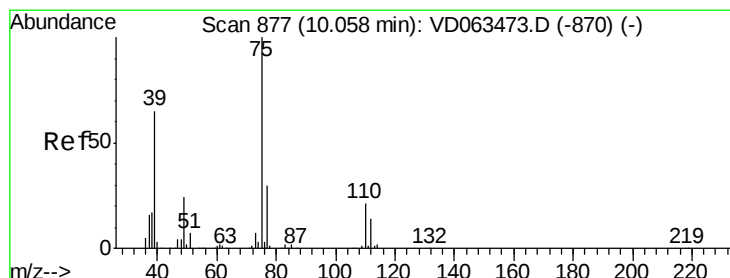
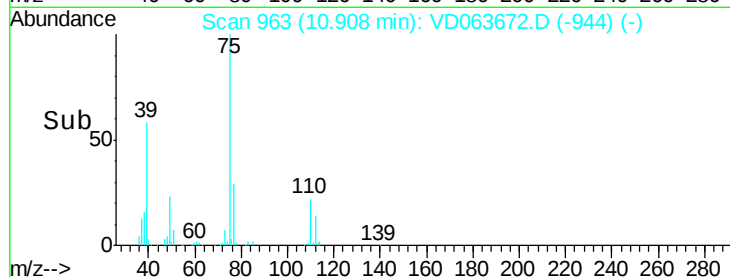
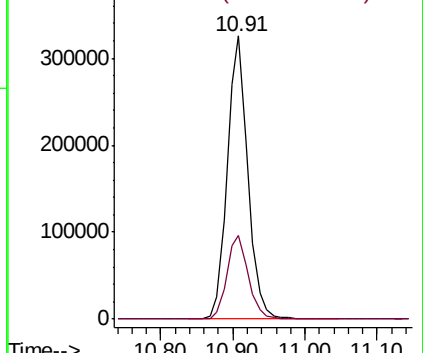
75 100

77 29.5 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 53.368 ug/l

RT: 10.03 min Scan# 874

Delta R.T. -0.03 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

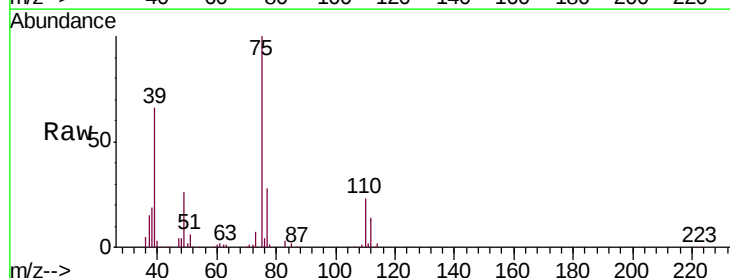
Tgt Ion: 75 Resp: 664094

Ion Ratio Lower Upper

75 100

77 28.3 23.7 35.5

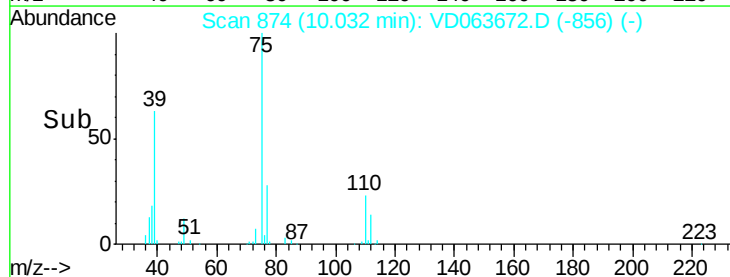
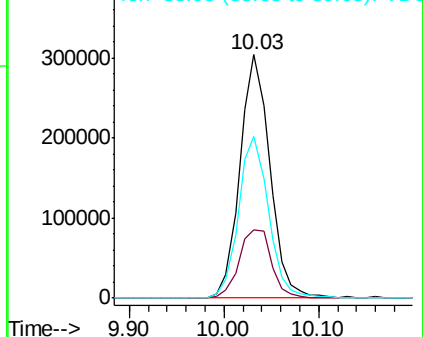
39 66.5 52.2 78.4

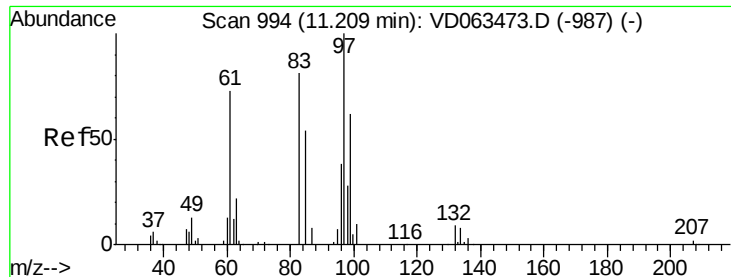


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

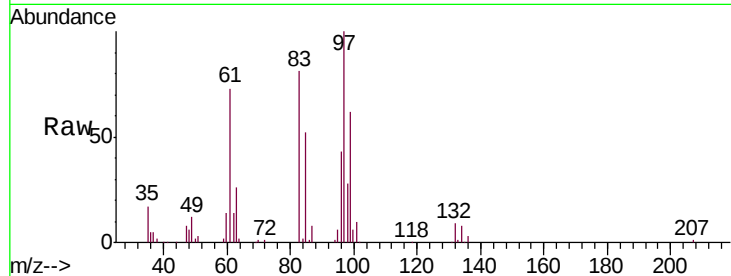




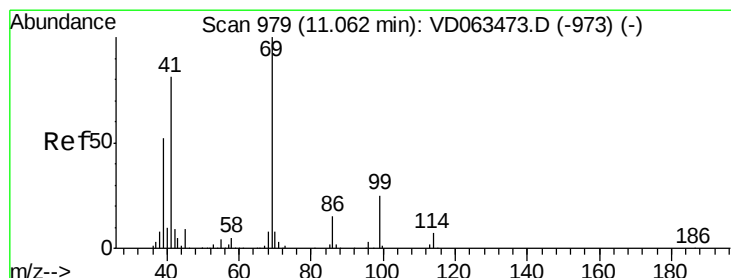
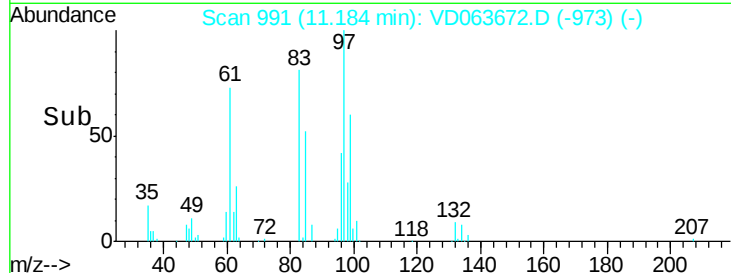
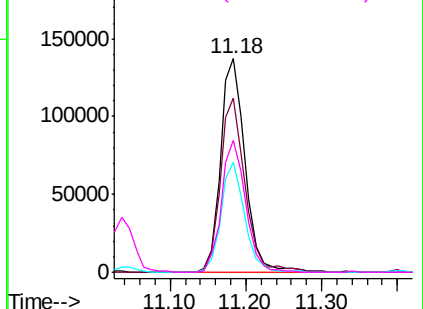
#55
 1,1,2-Trichloroethane
 Concen: 53.189 ug/l
 RT: 11.18 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	306766
Ion	Ratio	Lower	Upper
97	100		
83	81.4	64.7	97.1
85	51.5	42.9	64.3
99	61.8	49.7	74.5

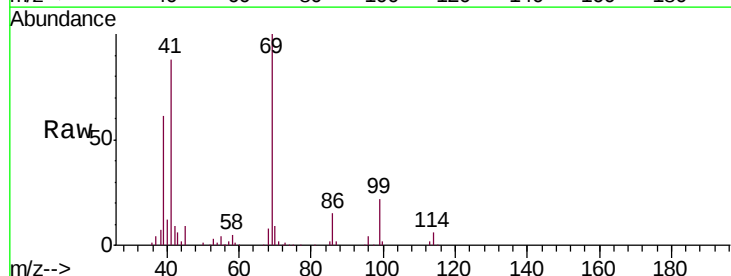


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

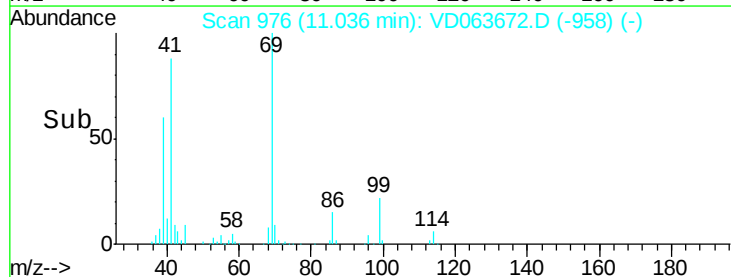
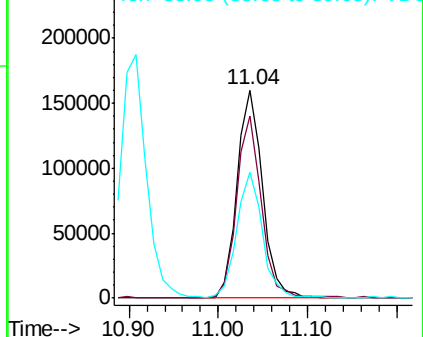


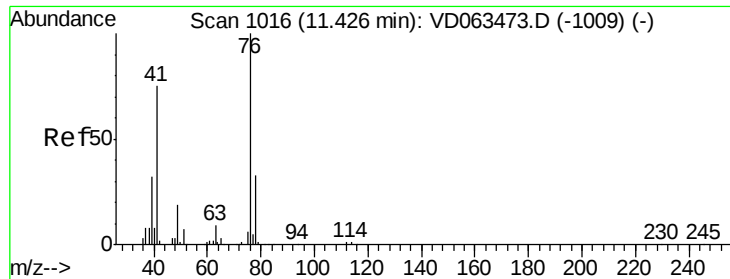
#56
 Ethyl methacrylate
 Concen: 51.069 ug/l
 RT: 11.04 min Scan# 976
 Delta R.T. -0.03 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

Tgt Ion:	69	Resp:	319687
Ion	Ratio	Lower	Upper
69	100		
41	87.5	64.8	97.2
39	60.6	42.4	63.6



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





#57

1,3-Dichloropropane

Concen: 53.838 ug/l

RT: 11.40 min Scan# 1013

Delta R.T. -0.03 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

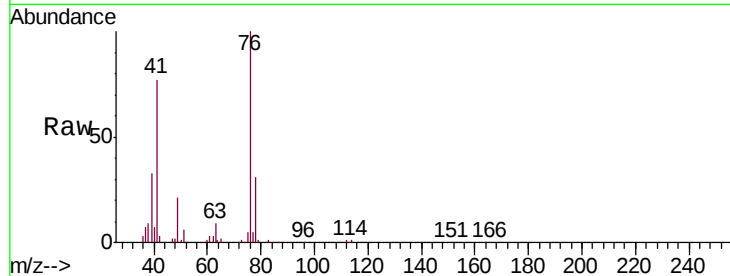
VSTDCCC050EC

Tgt Ion: 76 Resp: 469353

Ion Ratio Lower Upper

76 100

78 31.5 26.3 39.5



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC

11.40

250000

200000

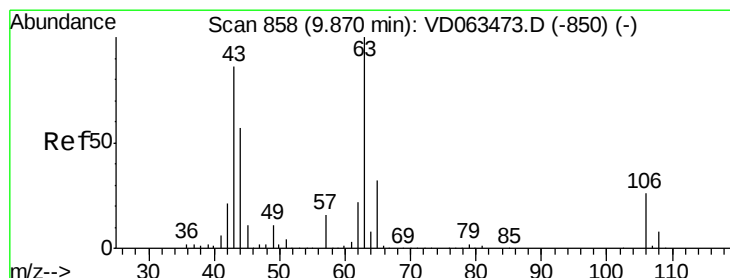
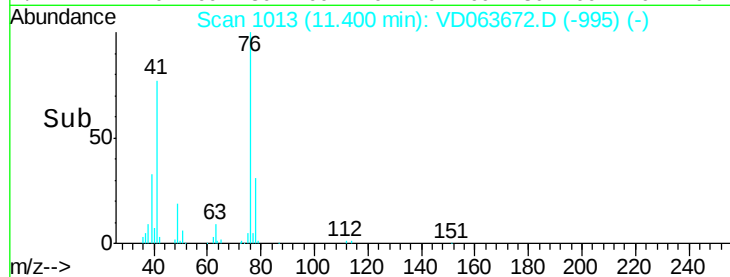
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 272.874 ug/l

RT: 9.85 min Scan# 856

Delta R.T. -0.02 min

Lab File: VD063672.D

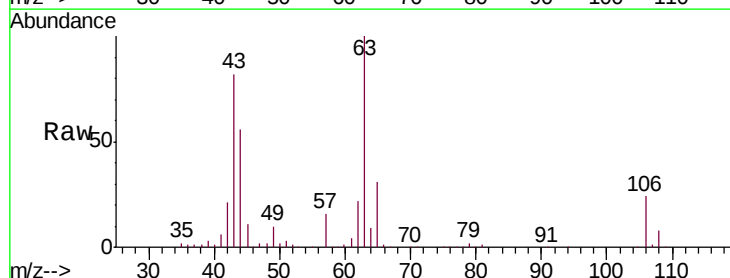
Acq: 19 Aug 2019 22:17

Tgt Ion: 63 Resp: 901803

Ion Ratio Lower Upper

63 100

106 24.5 20.8 31.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

9.85

400000

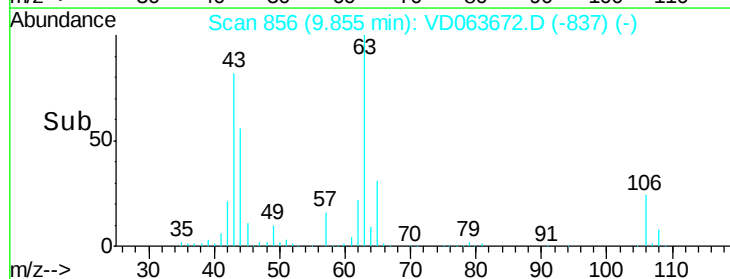
300000

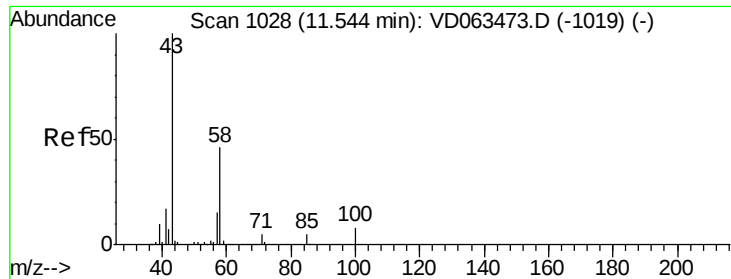
200000

100000

0

Time-->

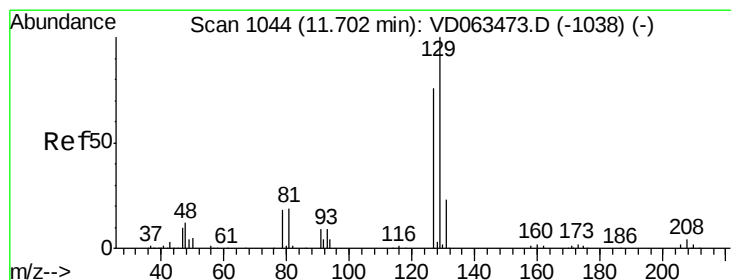
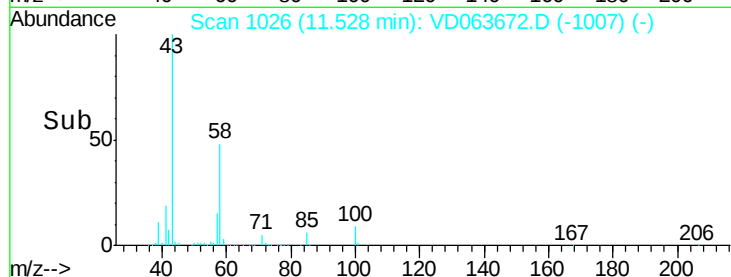
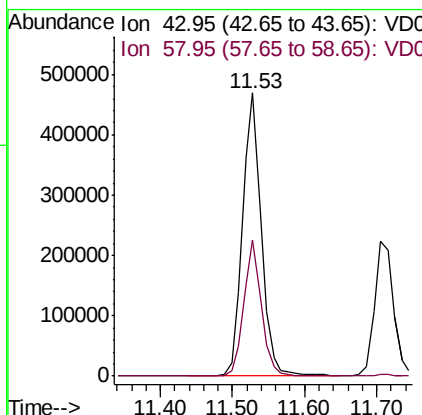
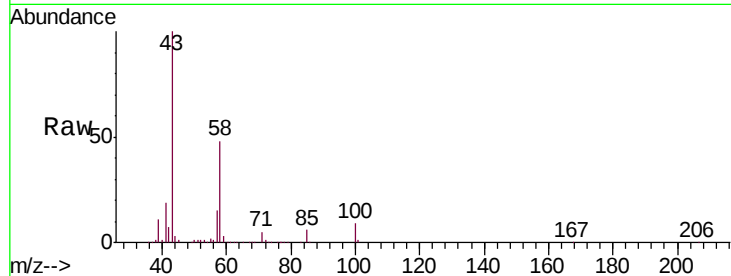




#59
2-Hexanone
Concen: 253.500 ug/l
RT: 11.53 min Scan# 1026
Delta R.T. -0.02 min
Lab File: VD063672.D
Acq: 19 Aug 2019 22:17

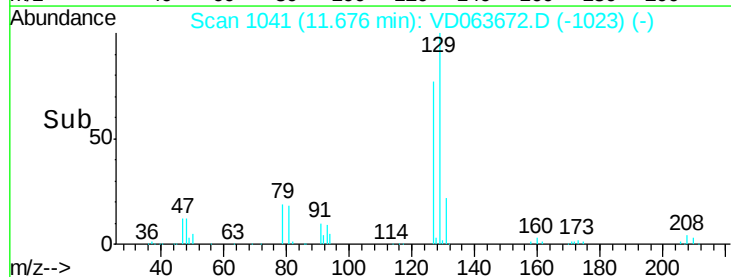
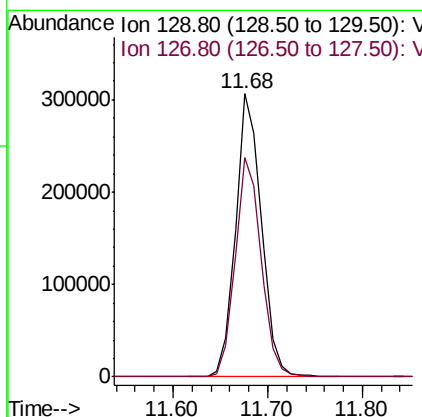
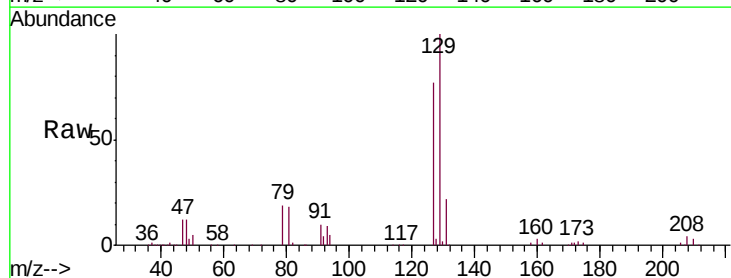
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

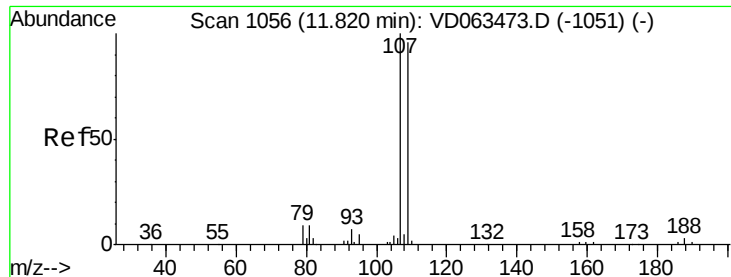
Tgt Ion: 43 Resp: 853248
Ion Ratio Lower Upper
43 100
58 47.9 23.1 69.2



#60
Dibromochloromethane
Concen: 55.137 ug/l
RT: 11.68 min Scan# 1041
Delta R.T. -0.03 min
Lab File: VD063672.D
Acq: 19 Aug 2019 22:17

Tgt Ion: 129 Resp: 578645
Ion Ratio Lower Upper
129 100
127 77.5 37.8 113.4

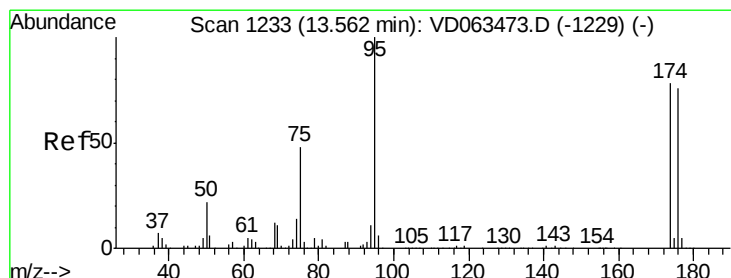
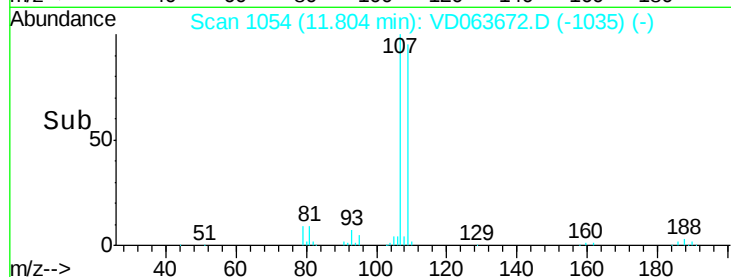
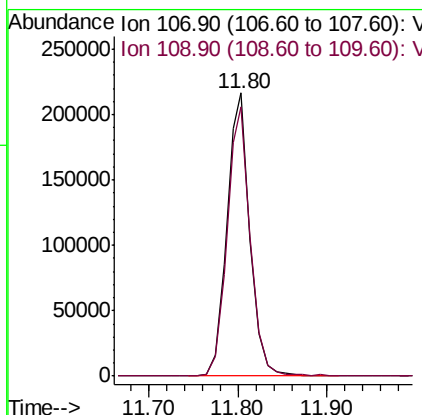
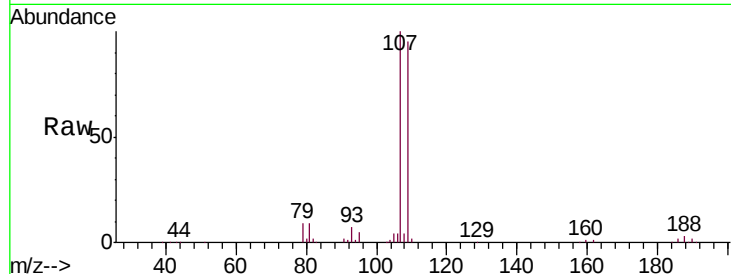




#61
 1,2-Dibromoethane
 Concen: 56.090 ug/l
 RT: 11.80 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

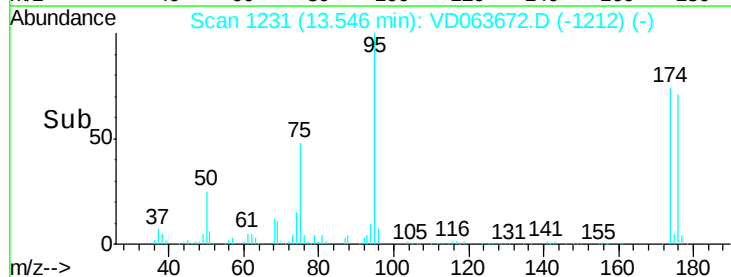
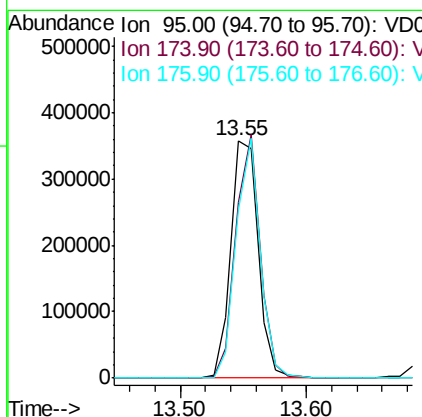
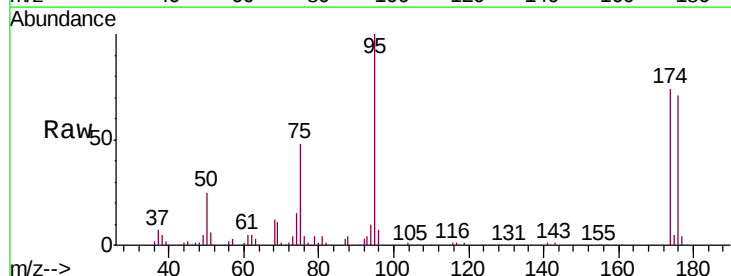
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

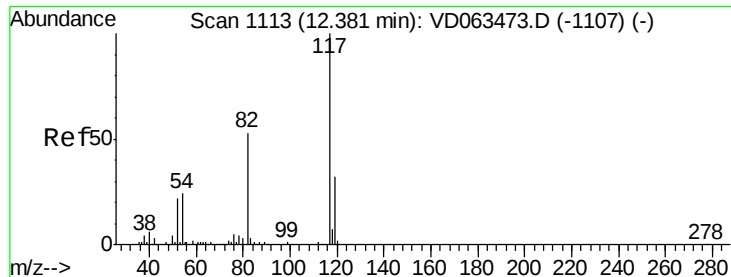
Tgt Ion: 107 Resp: 391619
 Ion Ratio Lower Upper
 107 100
 109 95.2 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 46.610 ug/l
 RT: 13.55 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

Tgt Ion: 95 Resp: 532999
 Ion Ratio Lower Upper
 95 100
 174 74.3 0.0 155.4
 176 70.6 0.0 152.4

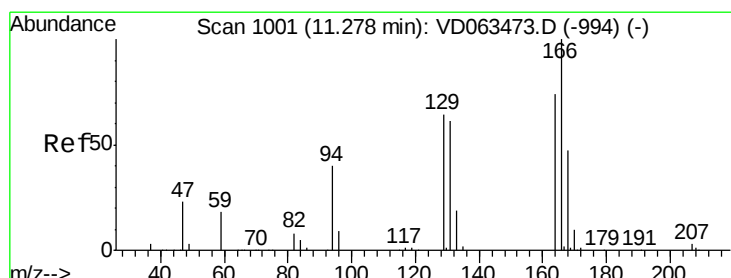
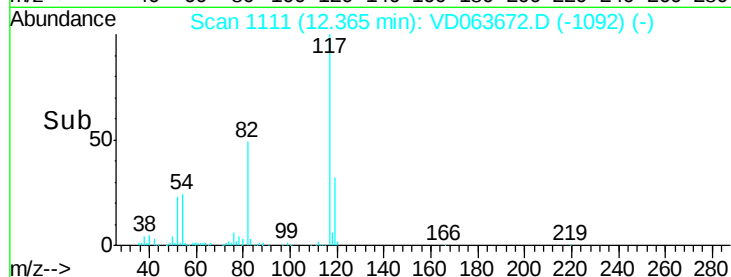
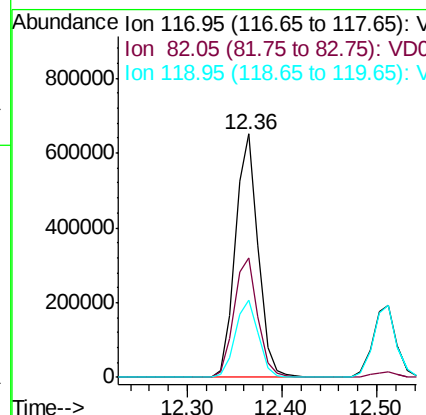
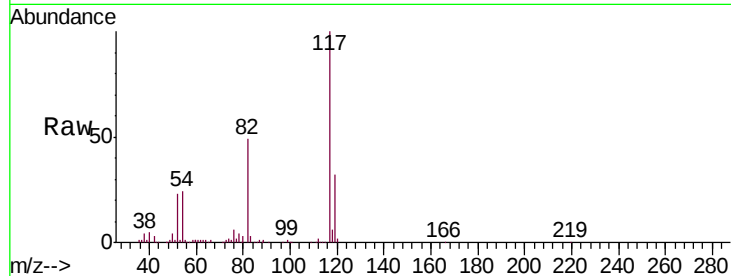




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063672.D
Acq: 19 Aug 2019 22:17

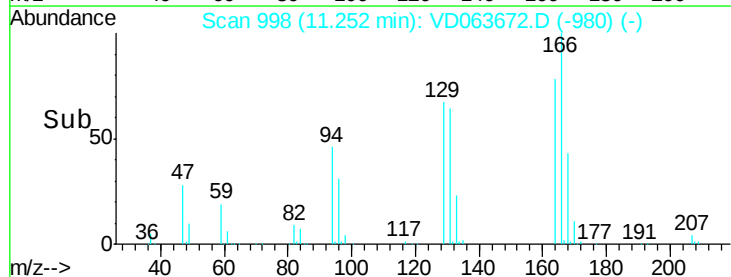
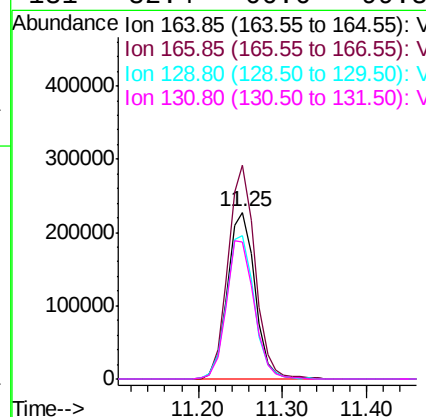
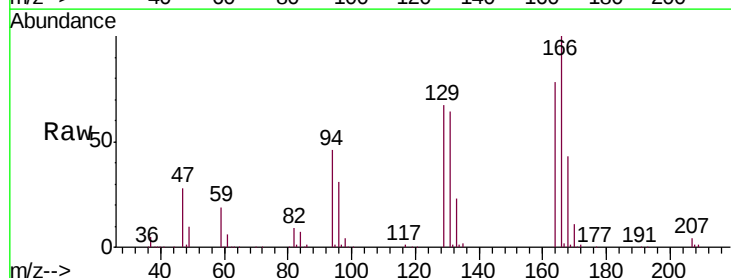
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

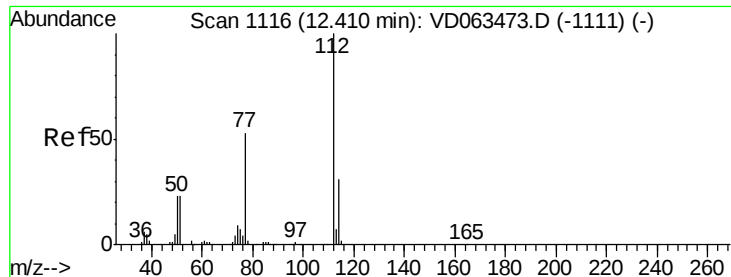
Tgt Ion:117 Resp: 1083745
Ion Ratio Lower Upper
117 100
82 49.3 42.0 63.0
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 61.321 ug/l
RT: 11.25 min Scan# 998
Delta R.T. -0.03 min
Lab File: VD063672.D
Acq: 19 Aug 2019 22:17

Tgt Ion:164 Resp: 513026
Ion Ratio Lower Upper
164 100
166 128.0 108.6 163.0
129 85.9 69.0 103.6
131 82.4 66.6 99.8





#65

Chlorobenzene

Concen: 58.657 ug/l

RT: 12.39 min Scan# 1114

Delta R.T. -0.02 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

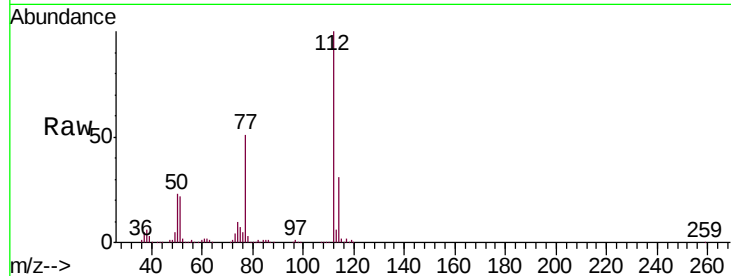
VSTDCCC050EC

Tgt Ion:112 Resp: 1191432

Ion Ratio Lower Upper

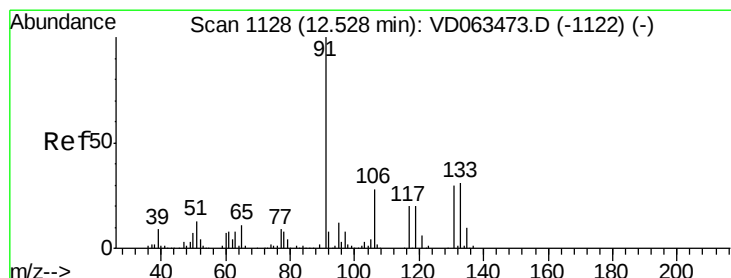
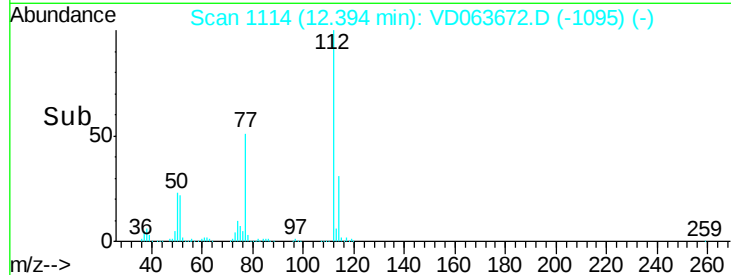
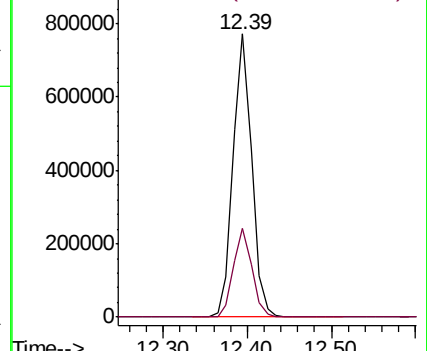
112 100

114 31.2 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 114.00 (113.70 to 114.70): V



#66

1,1,1,2-Tetrachloroethane

Concen: 58.302 ug/l

RT: 12.51 min Scan# 1126

Delta R.T. -0.02 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

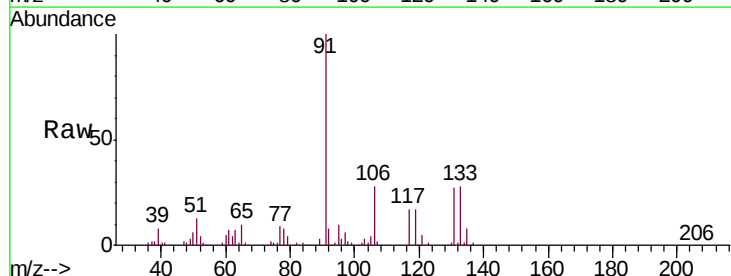
Tgt Ion:131 Resp: 521170

Ion Ratio Lower Upper

131 100

133 101.9 51.1 153.3

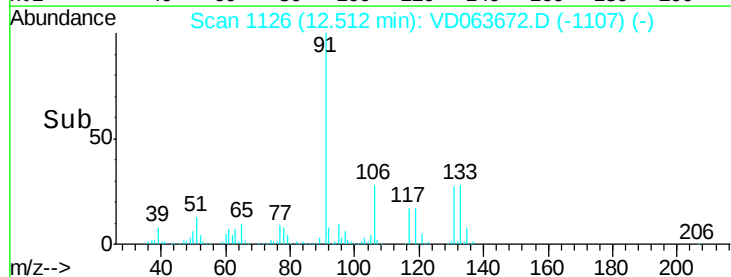
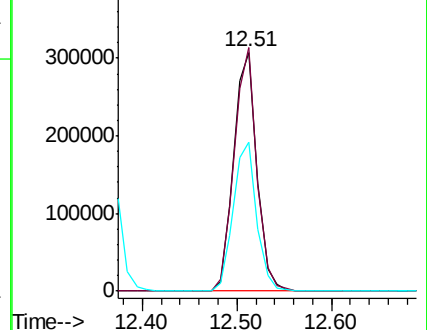
119 62.6 33.1 99.3

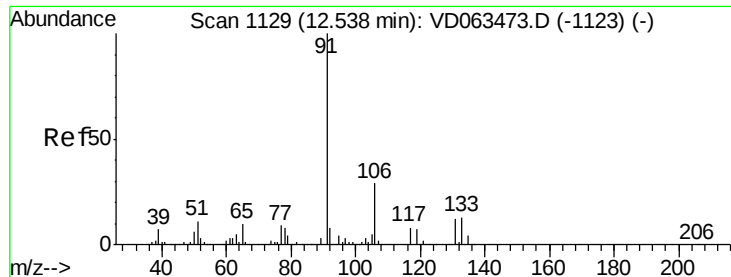


Abundance Ion 130.90 (130.60 to 131.60): V

Ion 132.90 (132.60 to 133.60): V

Ion 118.85 (118.55 to 119.55): V

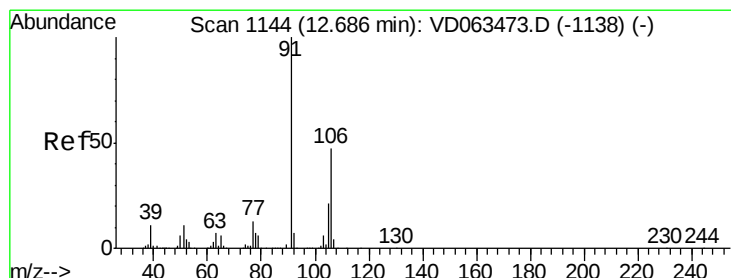
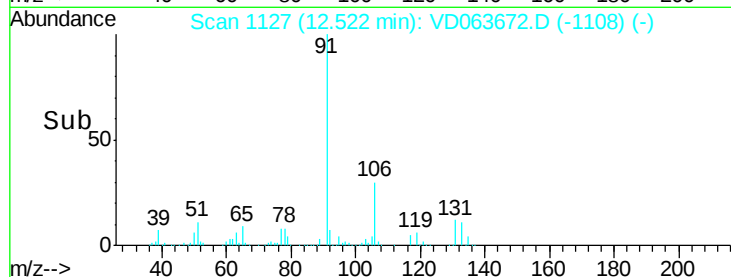
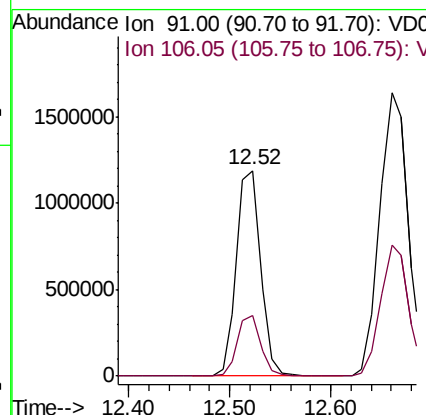
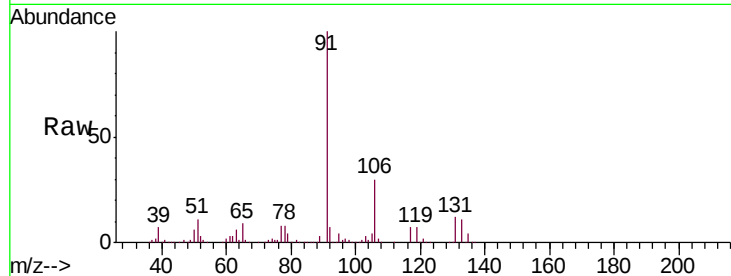




#67
Ethyl Benzene
Concen: 56.439 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.02 min
Lab File: VD063672.D
Acq: 19 Aug 2019 22:17

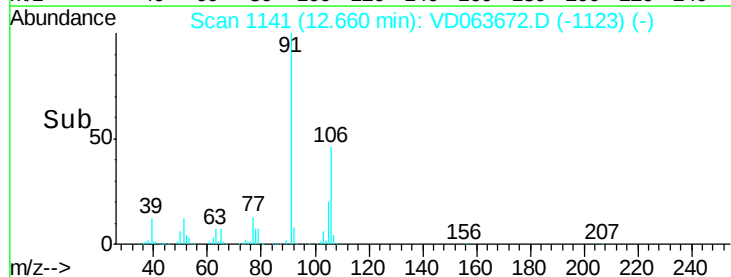
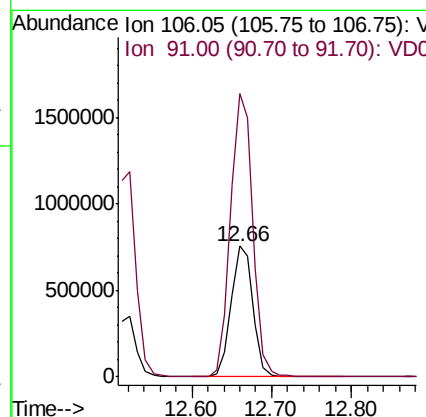
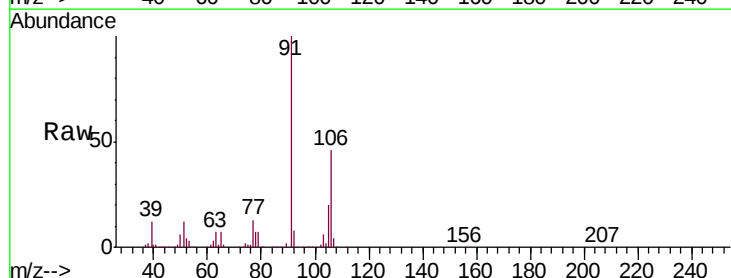
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

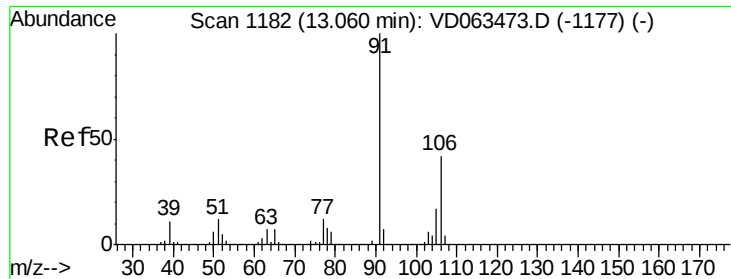
Tgt Ion: 91 Resp: 1993306
Ion Ratio Lower Upper
91 100
106 29.6 23.1 34.7



#68
m/p-Xylenes
Concen: 117.474 ug/l
RT: 12.66 min Scan# 1141
Delta R.T. -0.03 min
Lab File: VD063672.D
Acq: 19 Aug 2019 22:17

Tgt Ion: 106 Resp: 1457638
Ion Ratio Lower Upper
106 100
91 216.7 171.8 257.8

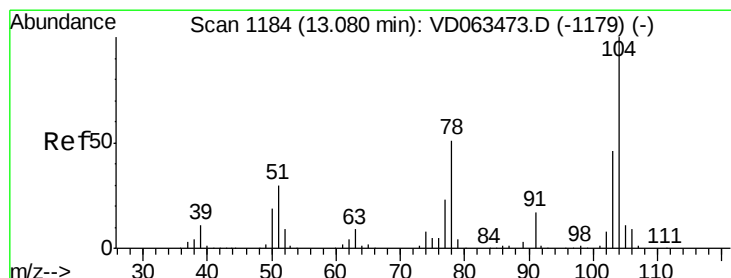
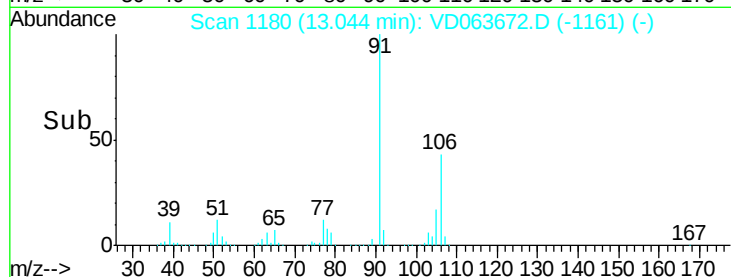
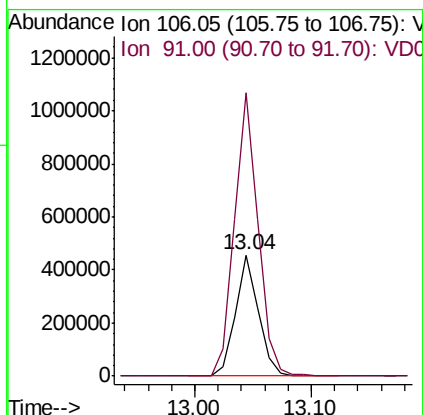
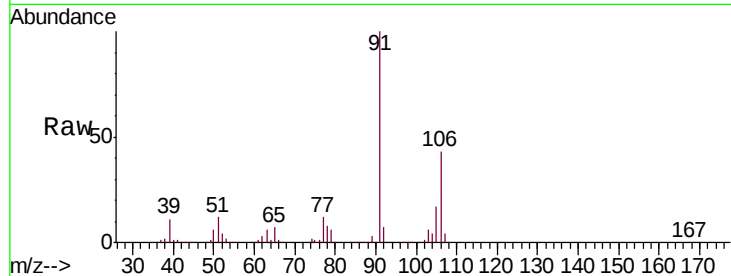




#69
o-Xylene
Concen: 52.651 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.02 min
Lab File: VD063672.D
Acq: 19 Aug 2019 22:17

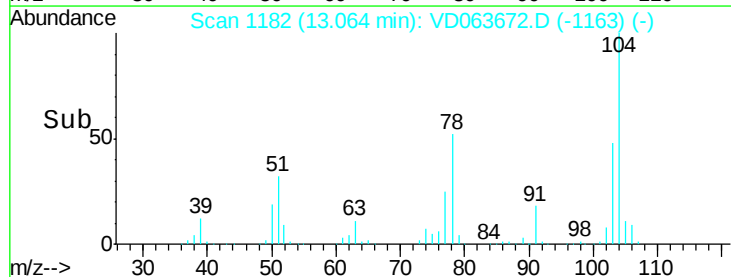
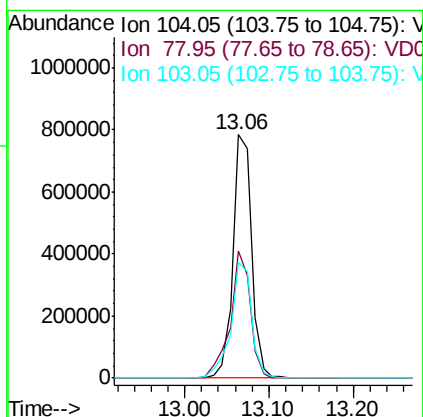
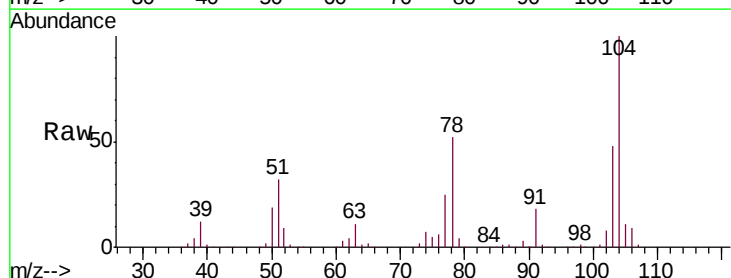
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

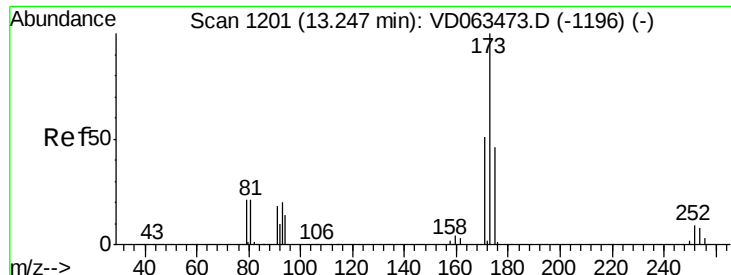
Tgt Ion:106 Resp: 628779
Ion Ratio Lower Upper
106 100
91 233.7 118.1 354.2



#70
Styrene
Concen: 56.890 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VD063672.D
Acq: 19 Aug 2019 22:17

Tgt Ion:104 Resp: 1208513
Ion Ratio Lower Upper
104 100
78 52.2 40.8 61.2
103 47.6 36.4 54.6

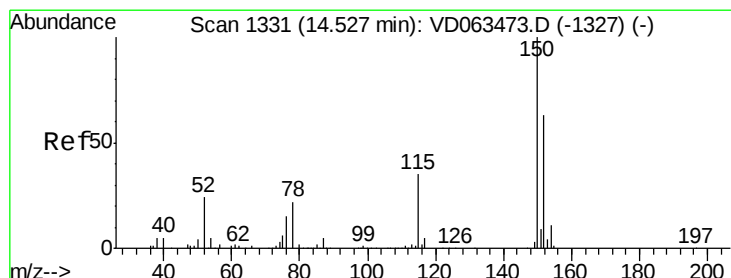
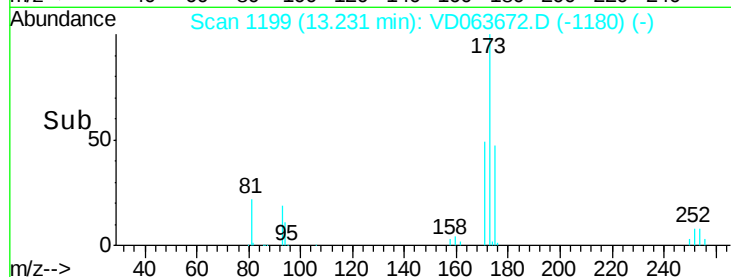
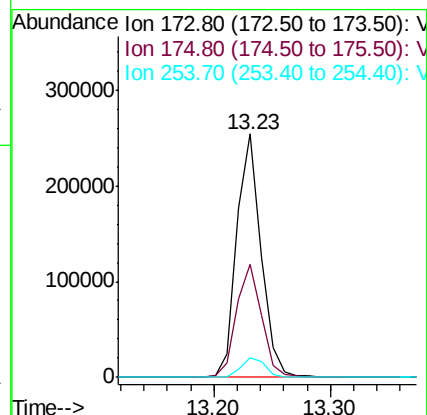
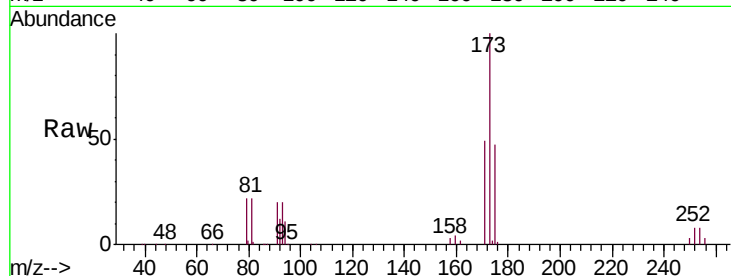




#71
Bromoform
Concen: 60.038 ug/l
RT: 13.23 min Scan# 1199
Delta R.T. -0.02 min
Lab File: VD063672.D
Acq: 19 Aug 2019 22:17

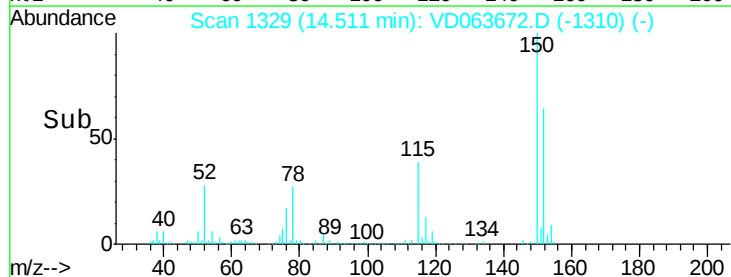
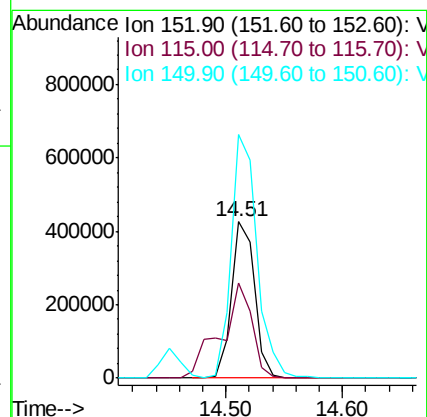
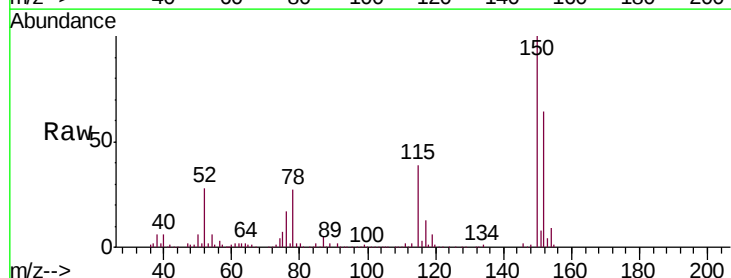
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

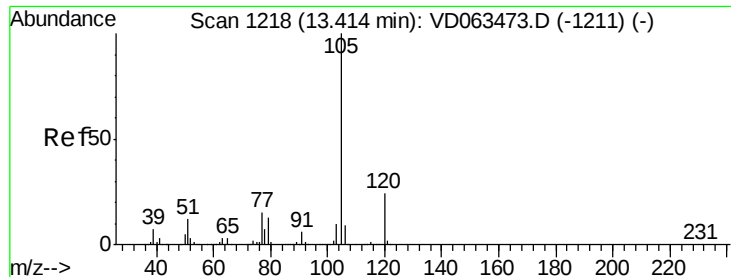
Tgt Ion:173 Resp: 368005
Ion Ratio Lower Upper
173 100
175 46.7 22.8 68.3
254 8.1 6.6 9.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD063672.D
Acq: 19 Aug 2019 22:17

Tgt Ion:152 Resp: 587048
Ion Ratio Lower Upper
152 100
115 61.0 30.9 92.7
150 156.0 0.0 318.6





#73

Isopropylbenzene

Concen: 56.758 ug/l

RT: 13.40 min Scan# 1216

Delta R.T. -0.02 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

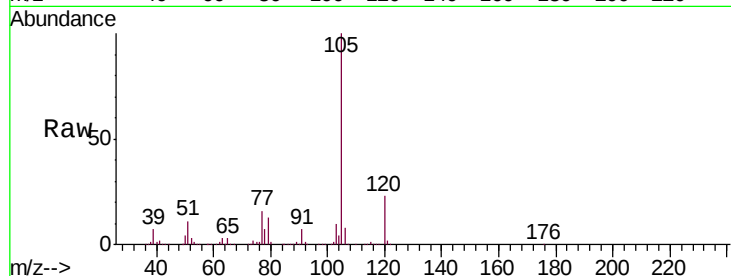
VSTDCCC050EC

Tgt Ion:105 Resp: 2119309

Ion Ratio Lower Upper

105 100

120 23.1 11.9 35.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.40

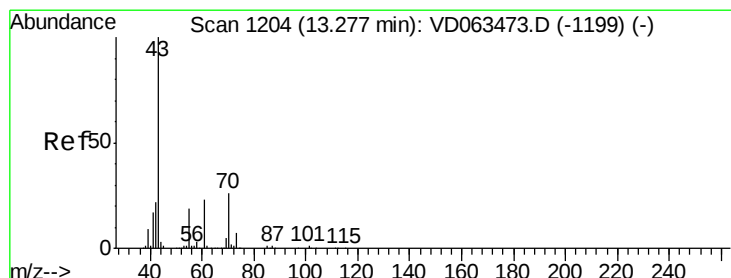
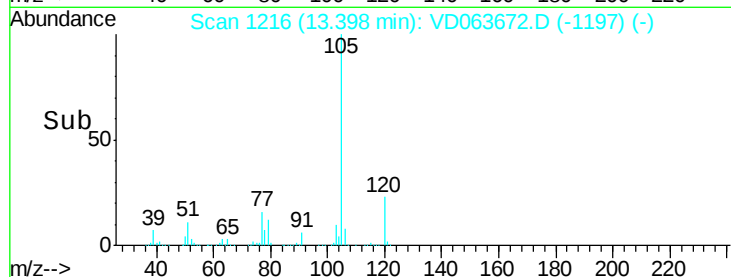
1500000

1000000

500000

0

Time--> 13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 53.293 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. -0.02 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Tgt Ion: 43 Resp: 499537

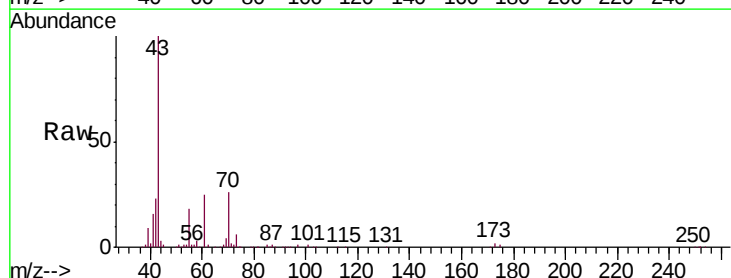
Ion Ratio Lower Upper

43 100

70 25.9 21.1 31.7

55 18.4 15.4 23.0

61 24.6 18.2 27.2



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

600000

500000

400000

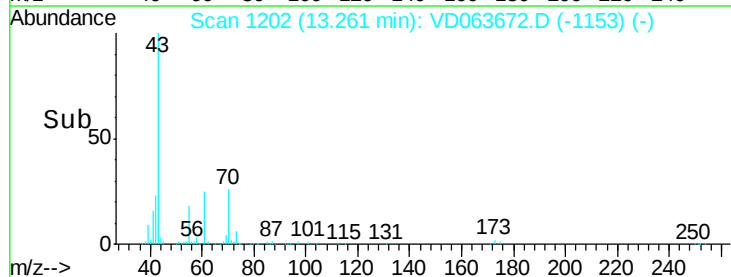
300000

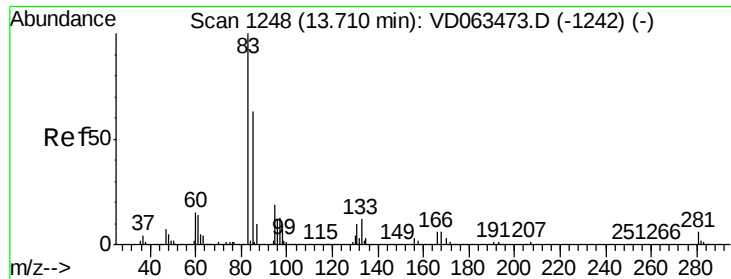
200000

100000

0

Time--> 13.10 13.20 13.30 13.40





#75

1,1,2,2-Tetrachloroethane

Concen: 59.067 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. -0.02 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

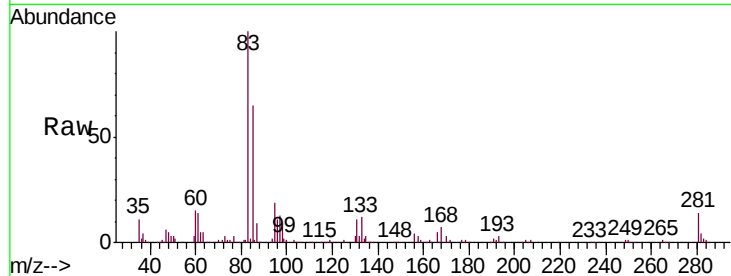
Tgt Ion: 83 Resp: 366076

Ion Ratio Lower Upper

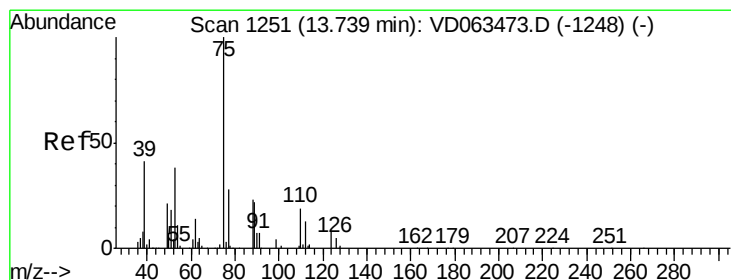
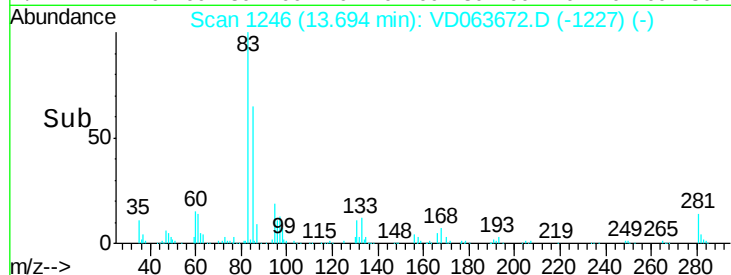
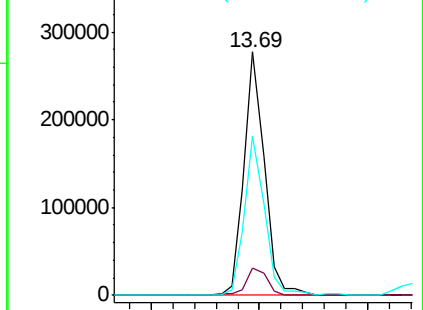
83 100

131 11.5 5.3 15.8

85 65.5 31.4 94.3



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: 58.126 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VD063672.D

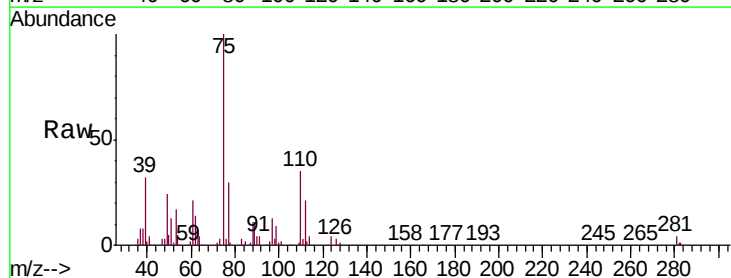
Acq: 19 Aug 2019 22:17

Tgt Ion: 75 Resp: 391613

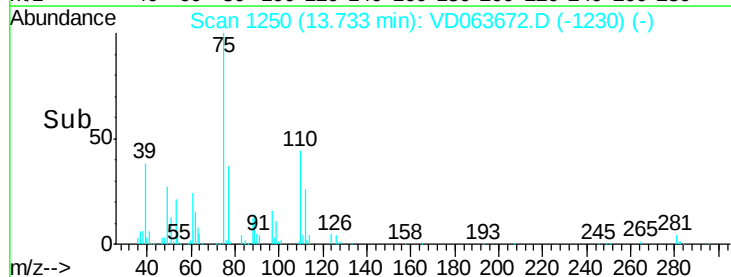
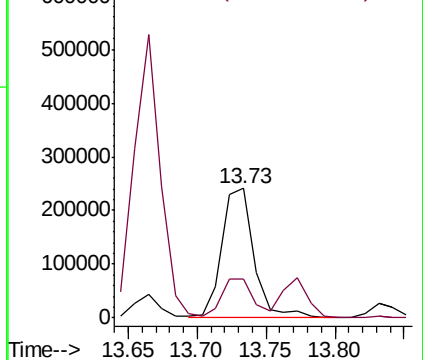
Ion Ratio Lower Upper

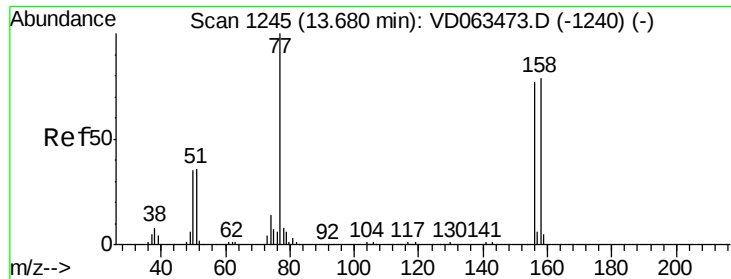
75 100

77 30.1 15.1 45.3



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 55.366 ug/l

RT: 13.66 min Scan# 1243

Delta R.T. -0.02 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

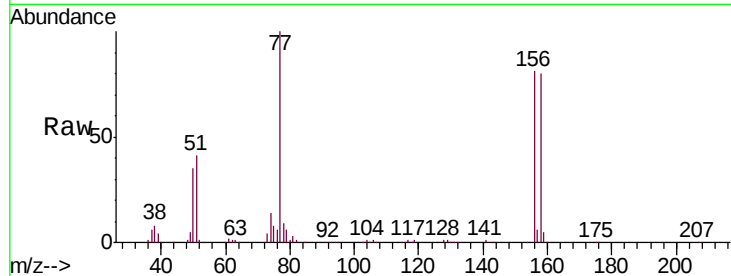
Tgt Ion:156 Resp: 565010

Ion Ratio Lower Upper

156 100

77 123.0 64.6 193.8

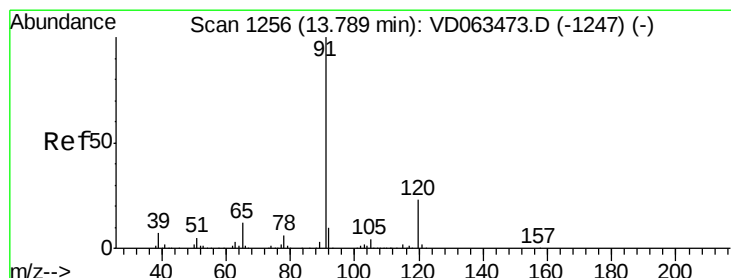
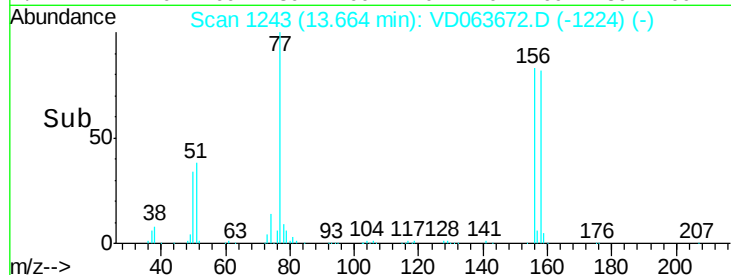
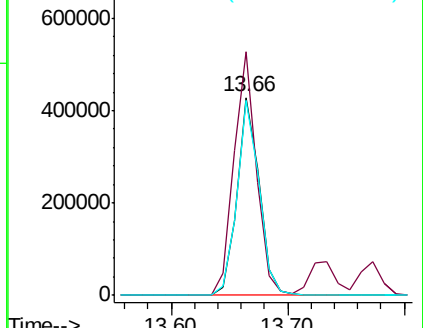
158 98.2 50.9 152.7



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 51.900 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.02 min

Lab File: VD063672.D

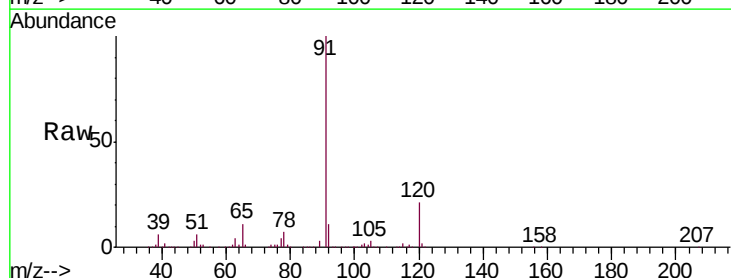
Acq: 19 Aug 2019 22:17

Tgt Ion: 91 Resp: 2267442

Ion Ratio Lower Upper

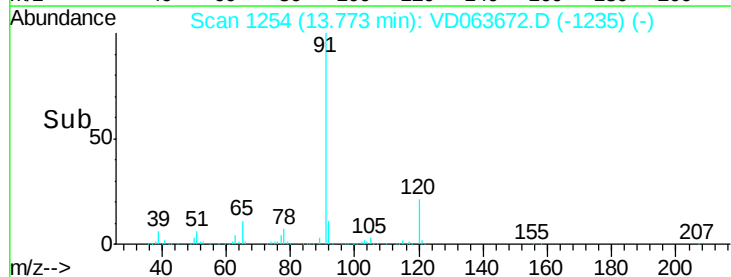
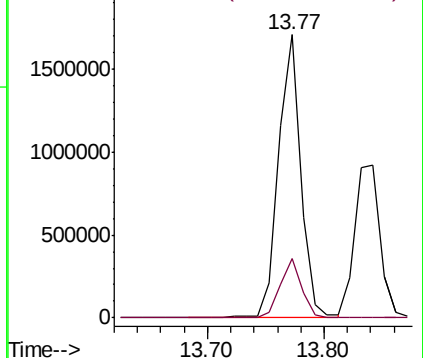
91 100

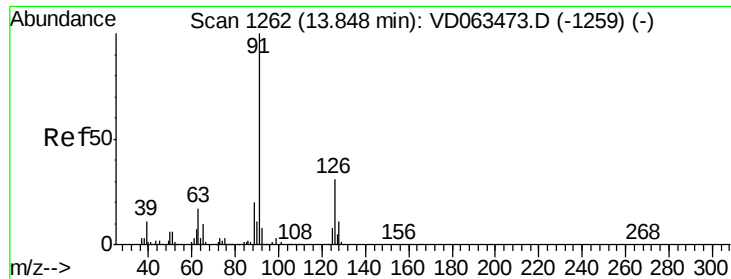
120 20.9 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V

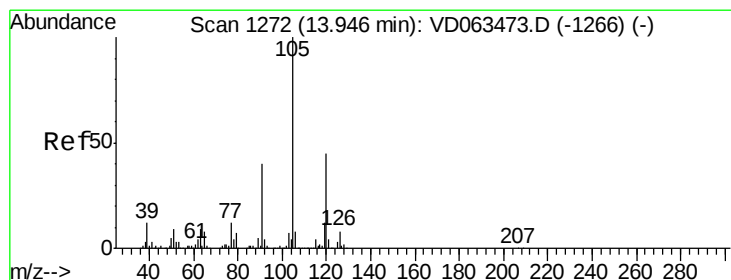
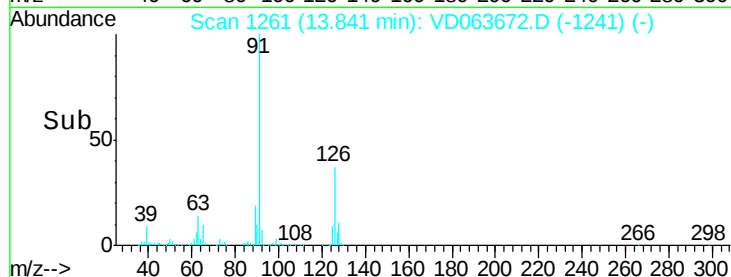
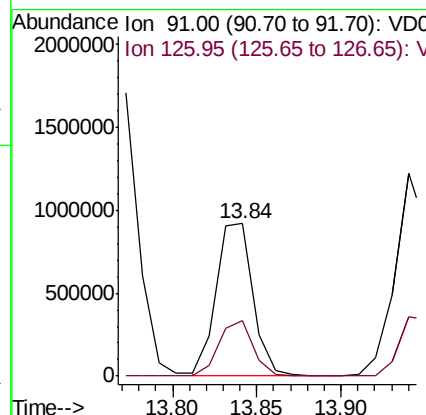
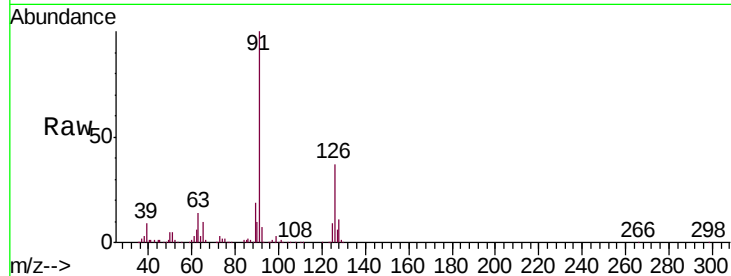




#79
 2-Chlorotoluene
 Concen: 55.318 ug/l
 RT: 13.84 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

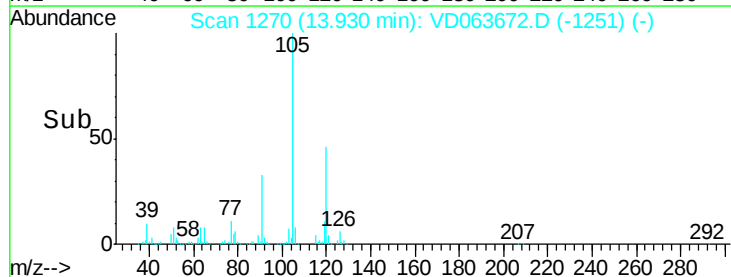
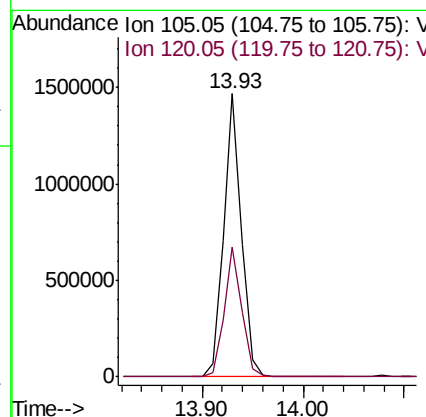
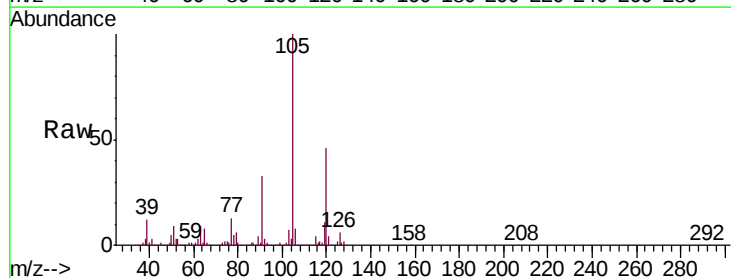
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

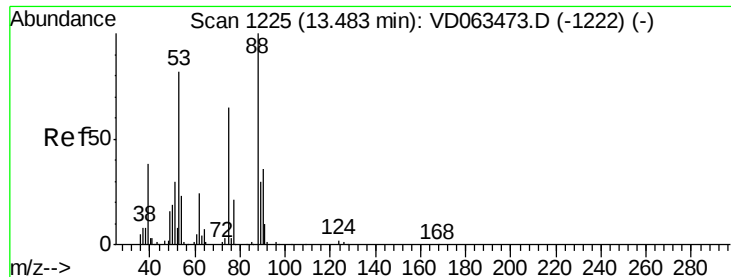
Tgt Ion: 91 Resp: 1393465
 Ion Ratio Lower Upper
 91 100
 126 36.7 15.6 46.7



#80
 1,3,5-Trimethylbenzene
 Concen: 55.105 ug/l
 RT: 13.93 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

Tgt Ion: 105 Resp: 1797796
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.8 68.3





#81

trans-1,4-Dichloro-2-butene

Concen: 51.755 ug/l

RT: 13.47 min Scan# 1223

Delta R.T. -0.02 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

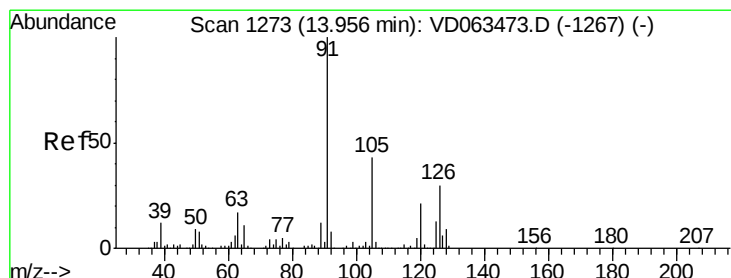
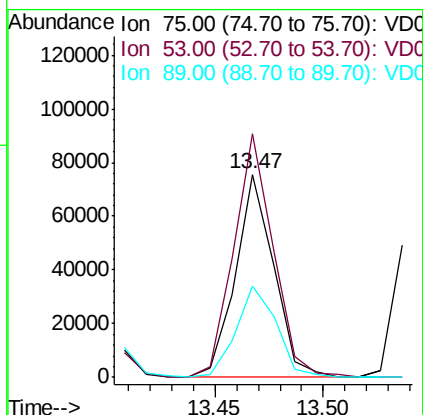
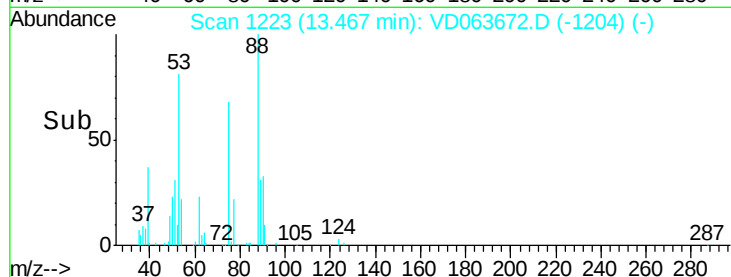
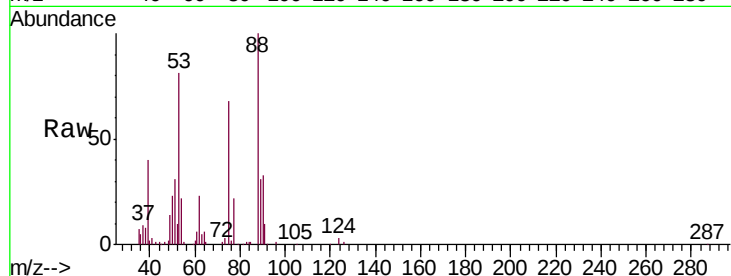
Tgt Ion: 75 Resp: 93720

Ion Ratio Lower Upper

75 100

53 119.8 101.0 151.4

89 44.9 37.0 55.6



#82

4-Chlorotoluene

Concen: 58.003 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. -0.02 min

Lab File: VD063672.D

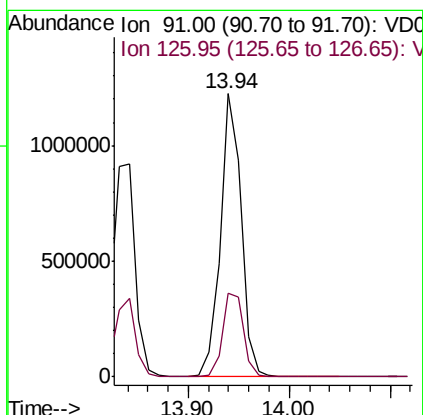
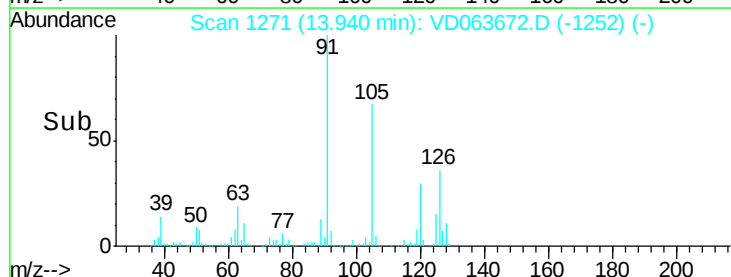
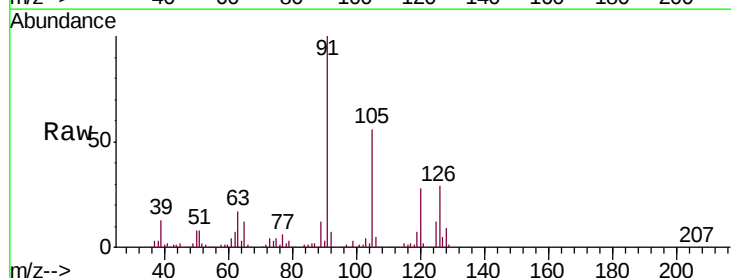
Acq: 19 Aug 2019 22:17

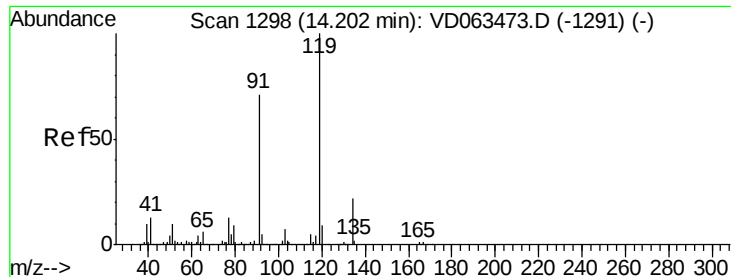
Tgt Ion: 91 Resp: 1756962

Ion Ratio Lower Upper

91 100

126 29.5 15.2 45.6

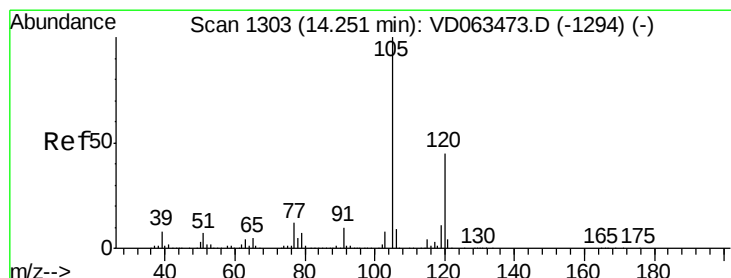
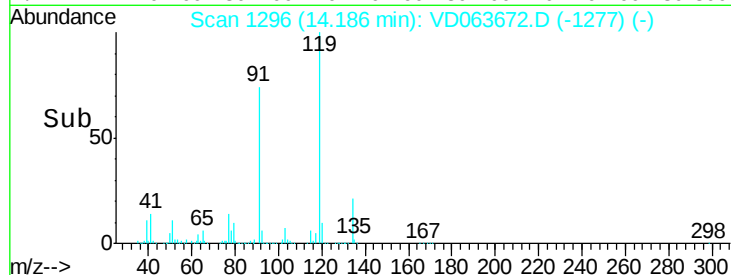
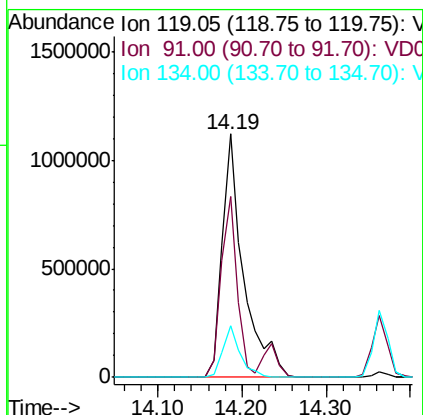
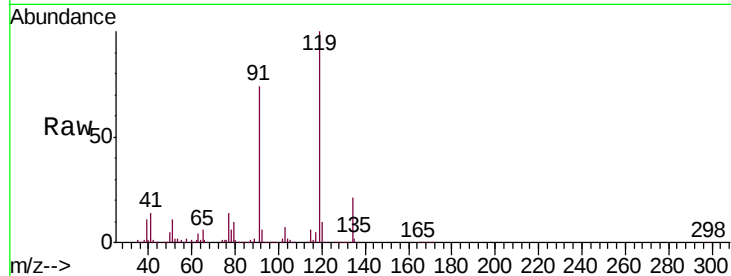




#83
 tert-Butylbenzene
 Concen: 57.873 ug/l
 RT: 14.19 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

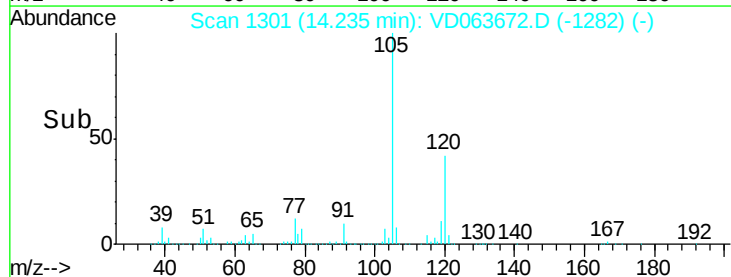
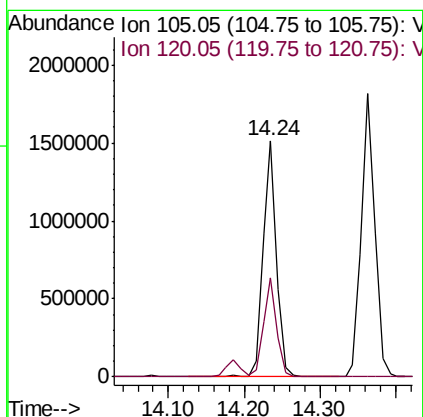
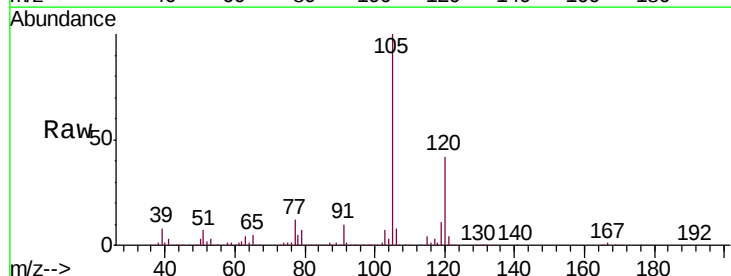
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

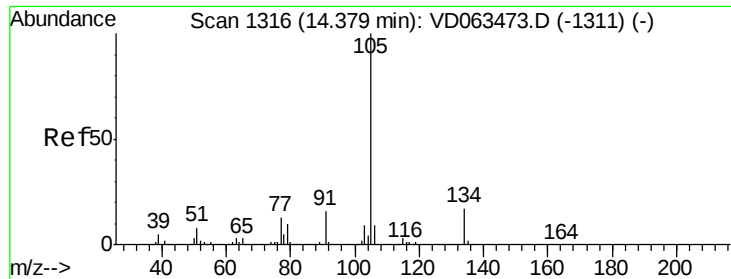
Tgt Ion:119 Resp: 1988240
 Ion Ratio Lower Upper
 119 100
 91 74.1 35.5 106.7
 134 21.2 11.1 33.1



#84
 1,2,4-Trimethylbenzene
 Concen: 62.914 ug/l
 RT: 14.24 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

Tgt Ion:105 Resp: 1899167
 Ion Ratio Lower Upper
 105 100
 120 41.9 22.7 68.1

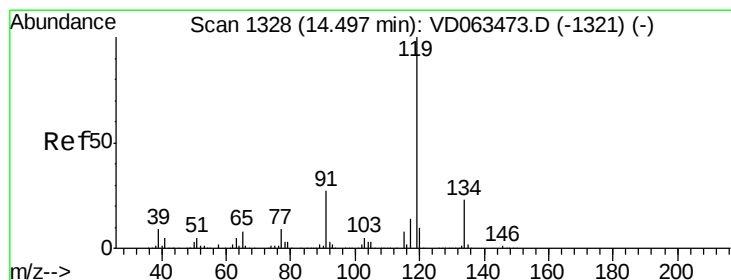
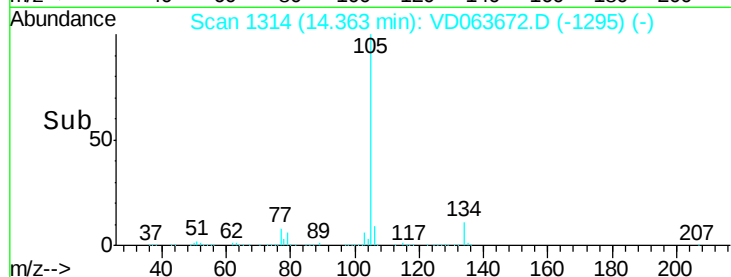
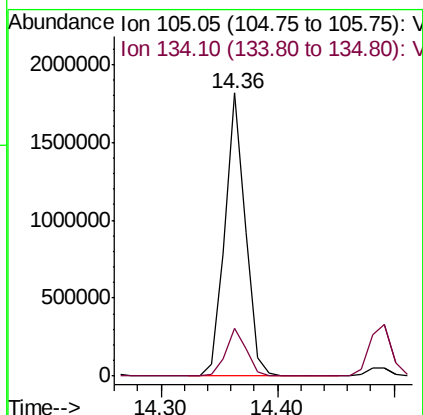
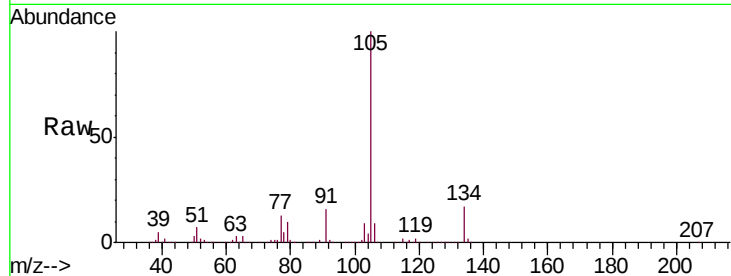




#85
 sec-Butylbenzene
 Concen: 60.744 ug/l
 RT: 14.36 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

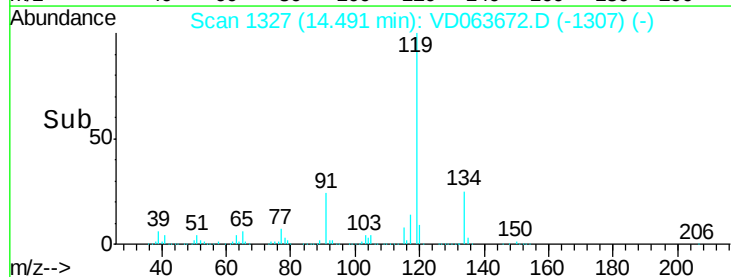
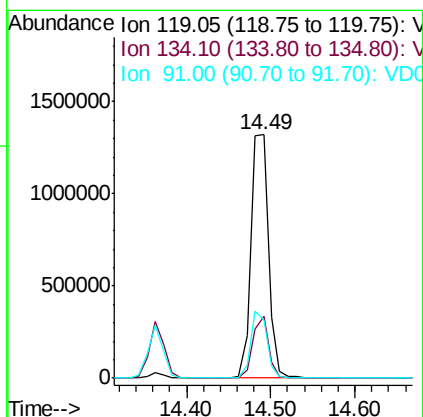
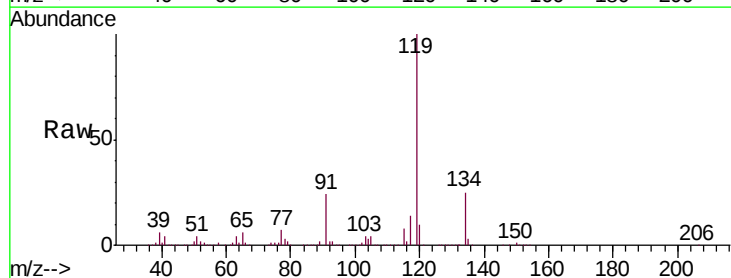
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

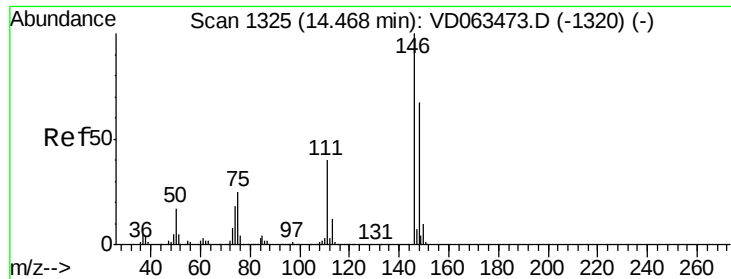
Tgt Ion:105 Resp: 2216233
 Ion Ratio Lower Upper
 105 100
 134 17.1 8.3 24.8



#86
 p-Isopropyltoluene
 Concen: 55.414 ug/l
 RT: 14.49 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

Tgt Ion:119 Resp: 1933103
 Ion Ratio Lower Upper
 119 100
 134 25.4 11.3 33.8
 91 24.0 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 56.365 ug/l

RT: 14.45 min Scan# 1323

Delta R.T. -0.02 min

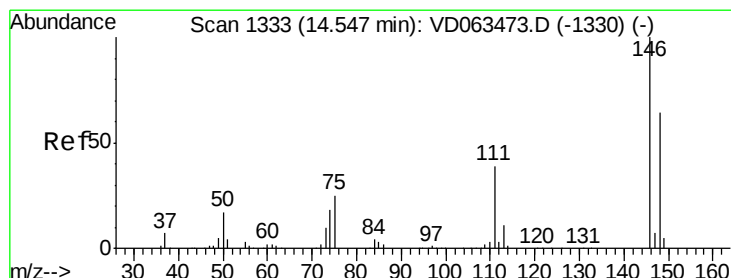
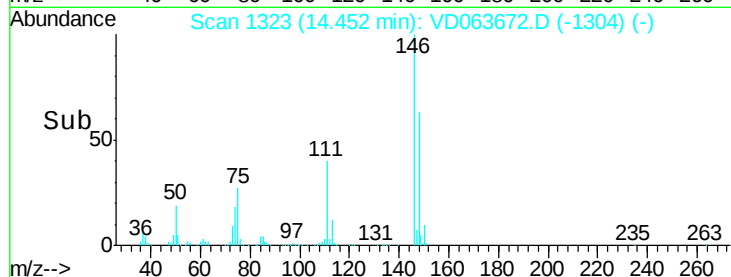
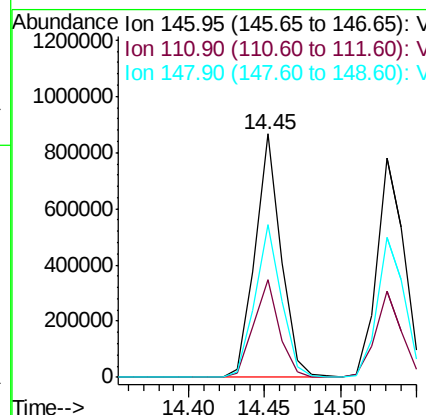
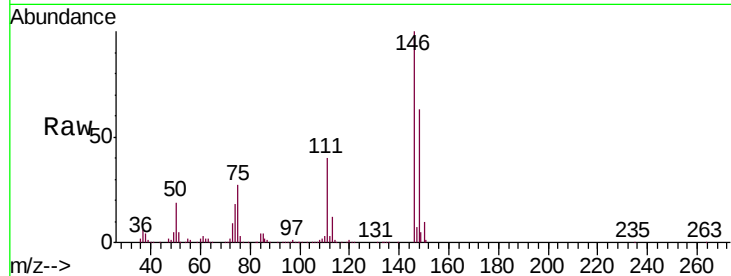
Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 1040429

Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.0	60.0
148	62.8	33.6	100.6



#88

1,4-Dichlorobenzene

Concen: 55.560 ug/l

RT: 14.53 min Scan# 1331

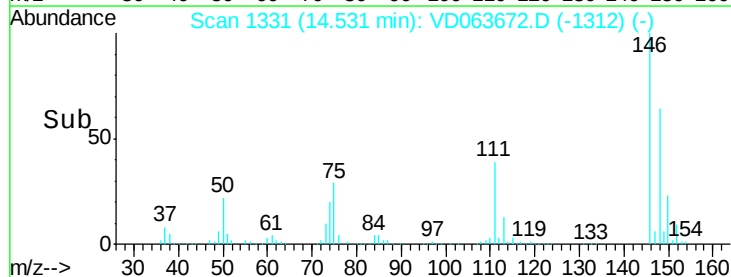
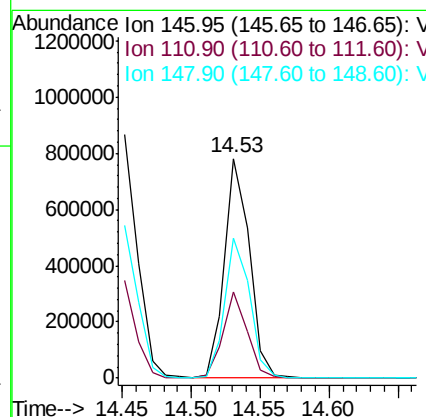
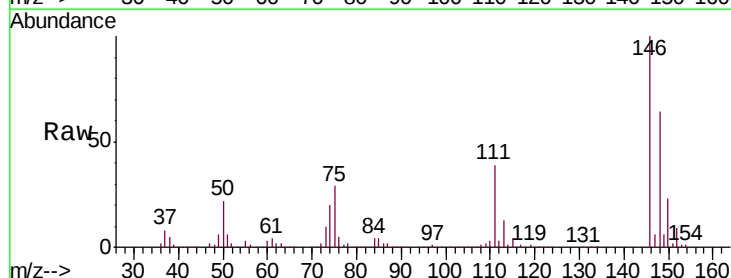
Delta R.T. -0.02 min

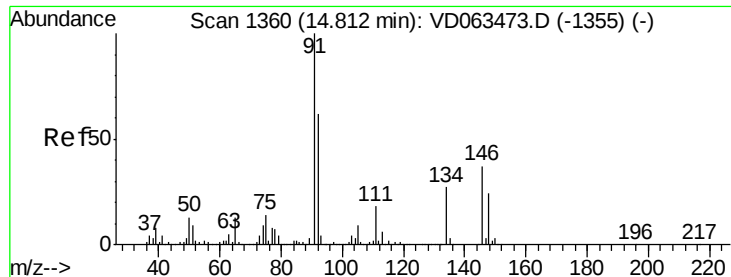
Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Tgt Ion:146 Resp: 983965

Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.0
148	63.8	32.1	96.3





#89

n-Butylbenzene

Concen: 57.901 ug/l

RT: 14.80 min Scan# 1358

Delta R.T. -0.02 min

Lab File: VD063672.D

Acq: 19 Aug 2019 22:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

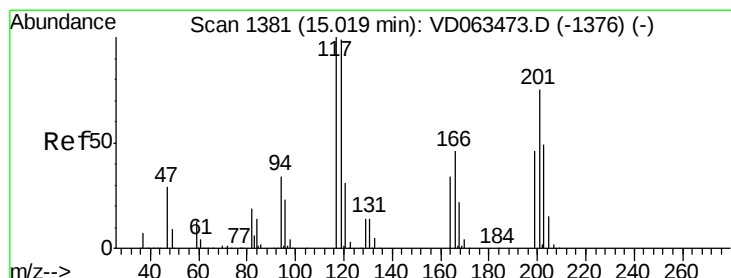
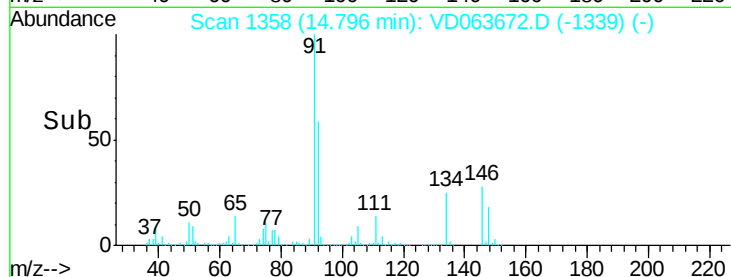
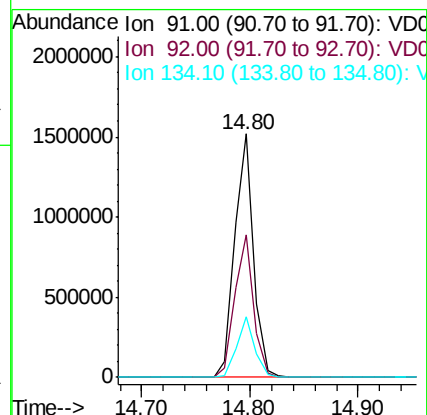
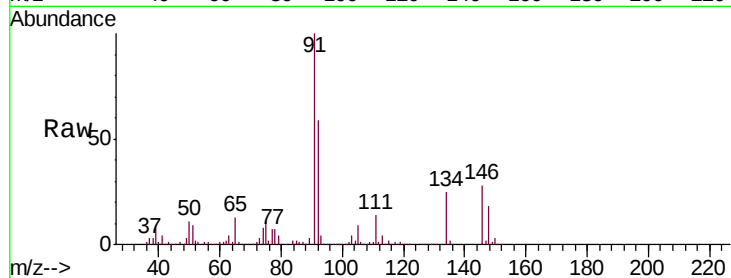
Tgt Ion: 91 Resp: 1843492

Ion Ratio Lower Upper

91 100

92 58.8 30.8 92.3

134 24.9 13.4 40.2



#90

Hexachloroethane

Concen: 61.970 ug/l

RT: 15.00 min Scan# 1379

Delta R.T. -0.02 min

Lab File: VD063672.D

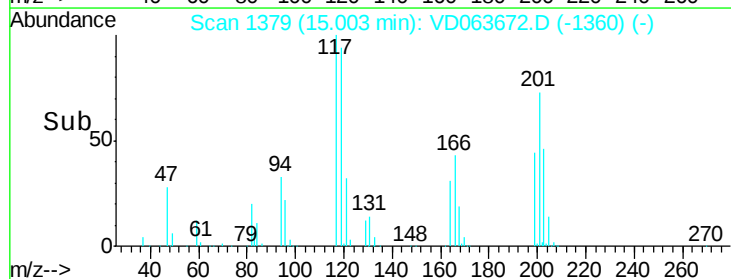
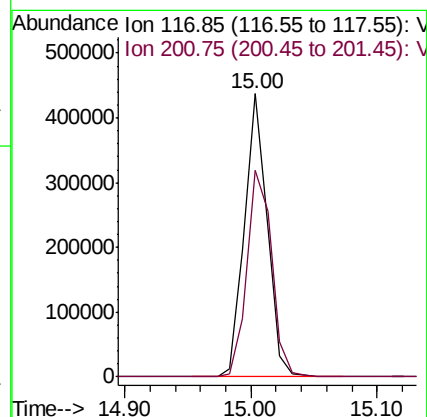
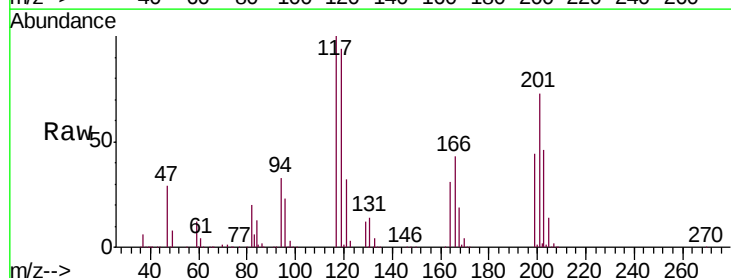
Acq: 19 Aug 2019 22:17

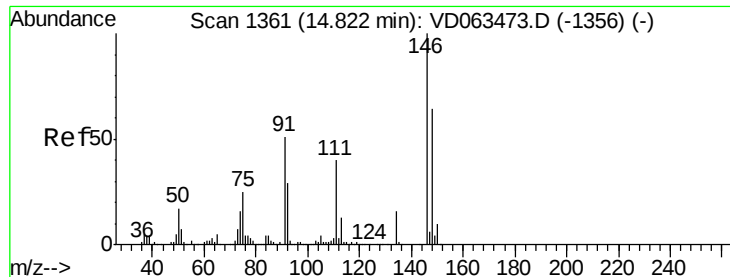
Tgt Ion: 117 Resp: 543365

Ion Ratio Lower Upper

117 100

201 72.9 37.5 112.5

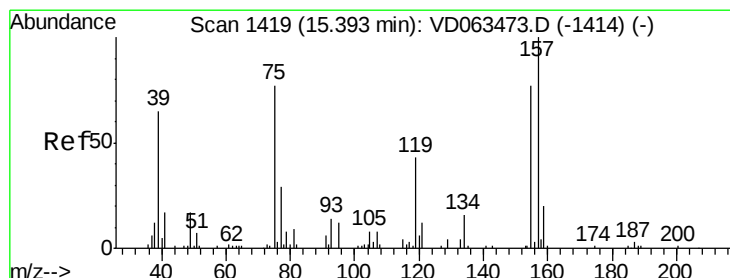
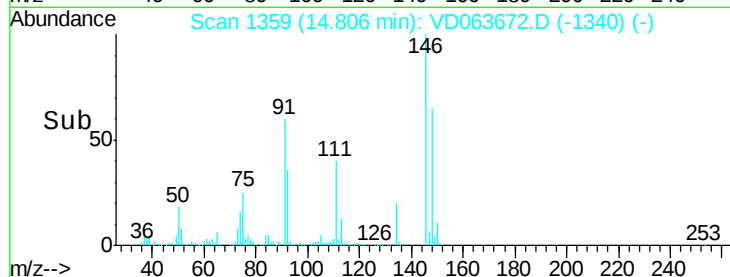
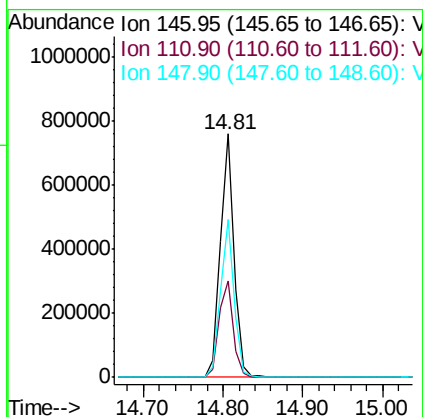
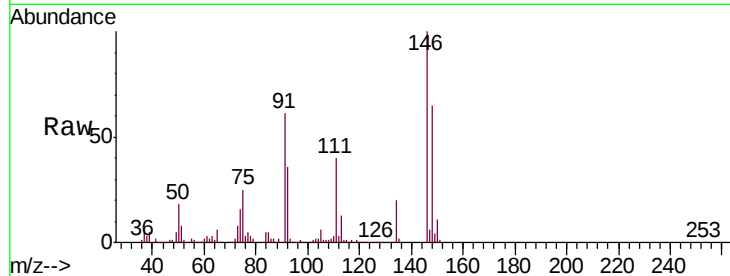




#91
 1,2-Dichlorobenzene
 Concen: 59.040 ug/l
 RT: 14.81 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

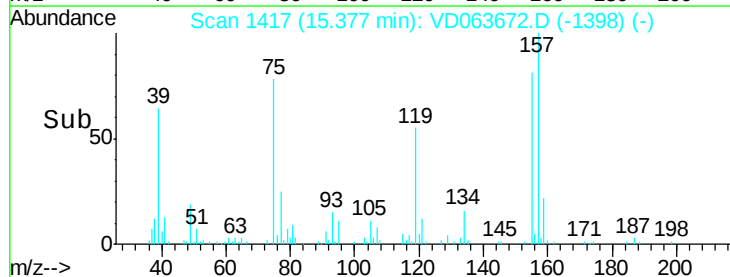
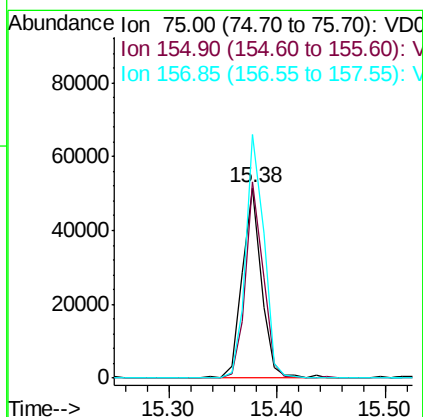
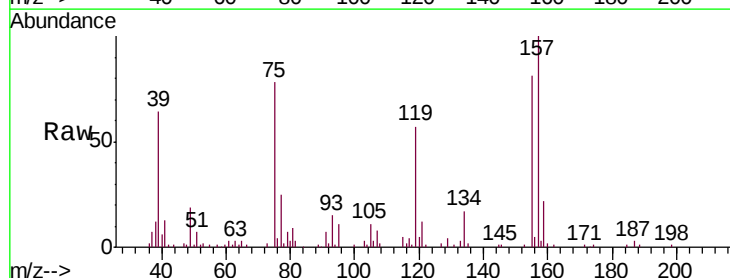
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

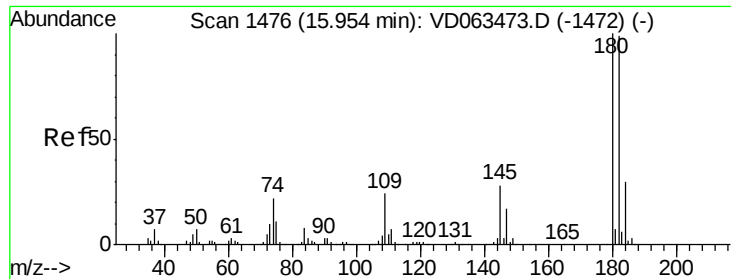
Tgt Ion:146 Resp: 924632
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.2 60.6
 148 64.9 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.627 ug/l
 RT: 15.38 min Scan# 1417
 Delta R.T. -0.02 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

Tgt Ion: 75 Resp: 63749
 Ion Ratio Lower Upper
 75 100
 155 103.3 50.1 150.3
 157 128.1 65.0 195.1

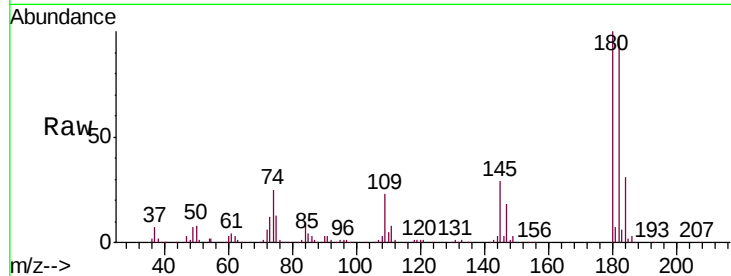




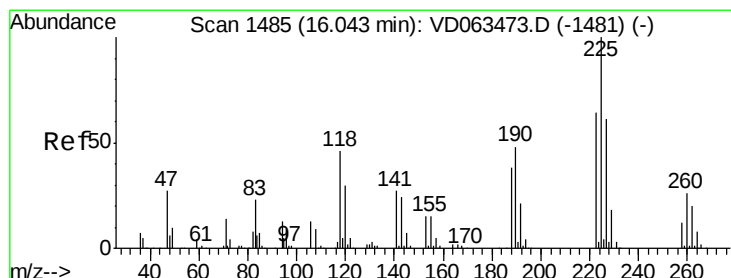
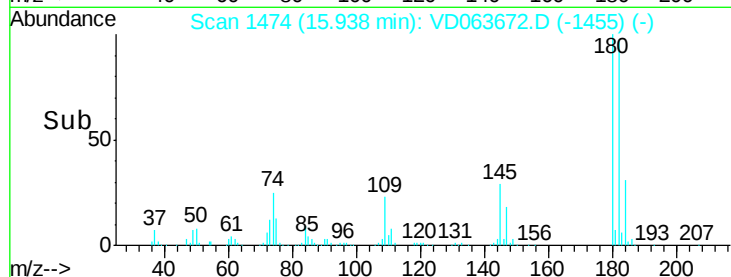
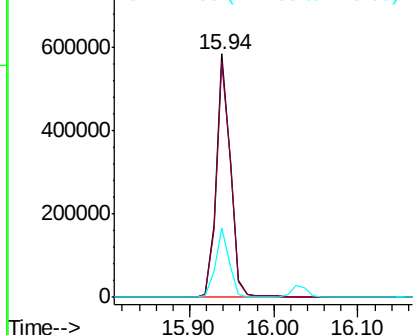
#93
 1,2,4-Trichlorobenzene
 Concen: 59.306 ug/l
 RT: 15.94 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 683431
 Ion Ratio Lower Upper
 180 100
 182 97.0 49.7 149.1
 145 28.7 14.1 42.2

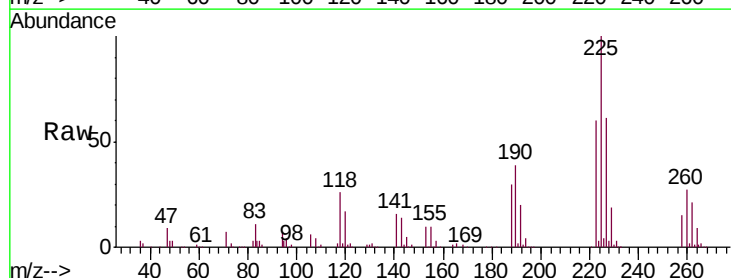


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

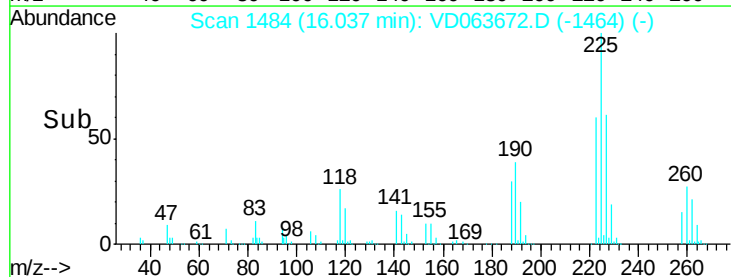
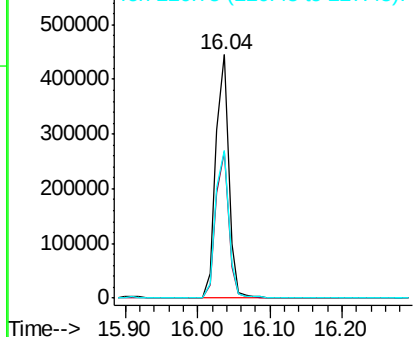


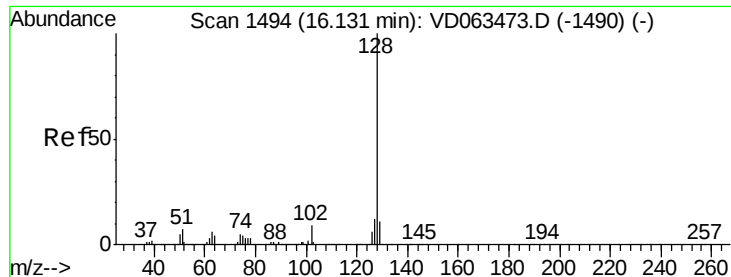
#94
 Hexachlorobutadiene
 Concen: 62.326 ug/l
 RT: 16.04 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: VD063672.D
 Acq: 19 Aug 2019 22:17

Tgt Ion:225 Resp: 547392
 Ion Ratio Lower Upper
 225 100
 223 60.1 31.9 95.5
 227 60.7 30.7 92.1



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

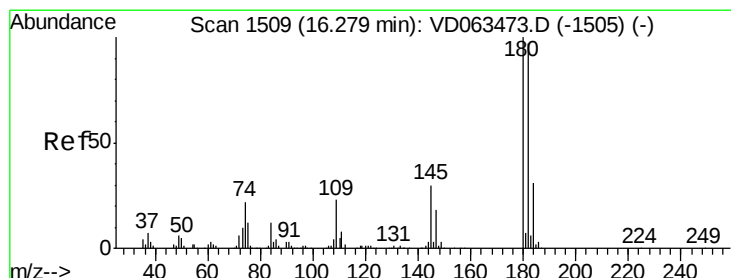
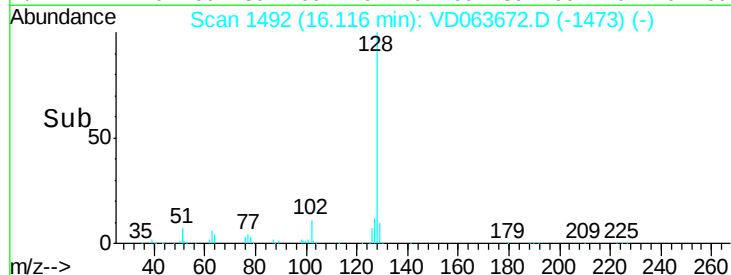
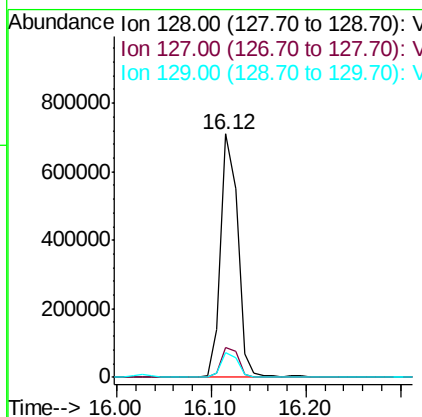
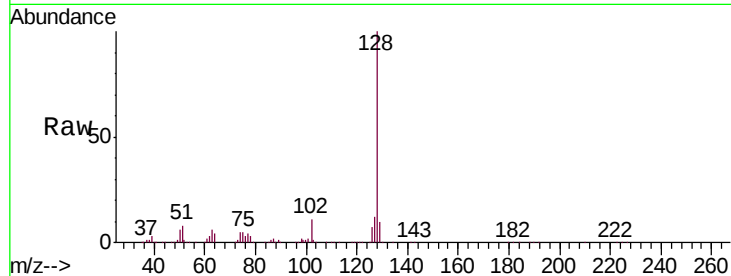




#95
Naphthalene
Concen: 51.313 ug/l
RT: 16.12 min Scan# 1492
Delta R.T. -0.02 min
Lab File: VD063672.D
Acq: 19 Aug 2019 22:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 896149
Ion Ratio Lower Upper
128 100
127 12.3 9.4 14.0
129 10.4 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 58.380 ug/l
RT: 16.26 min Scan# 1507
Delta R.T. -0.02 min
Lab File: VD063672.D
Acq: 19 Aug 2019 22:17

Tgt Ion:180 Resp: 543384
Ion Ratio Lower Upper
180 100
182 97.1 48.4 145.2
145 32.3 14.9 44.9

