

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062873.D
 Acq On : 25 Jun 2019 12:31
 Operator : VA/AP
 Sample : VD0625SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBS01

Quant Time: Jun 26 05:33:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	842791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1182518	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	948807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	544087	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.45	65	556391	60.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.46%	
35) Dibromofluoromethane	6.93	113	557619	55.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.84%	
50) Toluene-d8	10.42	98	1289835	59.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.88%	
62) 4-Bromofluorobenzene	13.56	95	551548	55.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	266720	24.456	ug/l	97
3) Chloromethane	1.74	50	189475	23.101	ug/l	90
4) Vinyl Chloride	1.84	62	187970	23.114	ug/l	98
5) Bromomethane	2.15	94	61408	16.124	ug/l	96
6) Chloroethane	2.26	64	80171	21.775	ug/l	89
7) Trichlorofluoromethane	2.52	101	381069	23.154	ug/l	99
8) Diethyl Ether	2.87	74	48419	23.155	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.14	101	192757	21.619	ug/l #	84
10) Methyl Iodide	3.30	142	234322	19.920	ug/l	95
11) Tert butyl alcohol	4.10	59	48817	117.001	ug/l #	95
12) 1,1-Dichloroethene	3.11	96	138065	20.642	ug/l	89
13) Acrolein	3.03	56	41727	97.963	ug/l	93
14) Allyl chloride	3.62	41	231303	23.404	ug/l	88
15) Acrylonitrile	4.20	53	124250	126.735	ug/l	86
16) Acetone	3.22	43	226821	118.411	ug/l	97
17) Carbon Disulfide	3.37	76	489546	22.901	ug/l	96
18) Methyl Acetate	3.64	43	84247	30.464	ug/l	97
19) Methyl tert-butyl Ether	4.25	73	358087	24.730	ug/l	100
20) Methylene Chloride	3.81	84	160455	22.966	ug/l #	84
21) trans-1,2-Dichloroethene	4.22	96	168566	23.669	ug/l	95
22) Diisopropyl ether	5.12	45	464580	23.114	ug/l	98
23) Vinyl Acetate	5.06	43	1468362	116.751	ug/l	98
24) 1,1-Dichloroethane	4.98	63	297828	22.759	ug/l	99
25) 2-Butanone	6.09	43	218064	127.271	ug/l #	87
26) 2,2-Dichloropropane	6.03	77	317501	22.890	ug/l	97
27) cis-1,2-Dichloroethene	6.04	96	175473	23.299	ug/l	98
28) Bromochloromethane	6.44	49	119907	26.016	ug/l	96
29) Tetrahydrofuran	6.46	42	99873	123.198	ug/l	98
30) Chloroform	6.67	83	359867	22.612	ug/l	91
31) Cyclohexane	6.95	56	194363	22.593	ug/l	87
32) 1,1,1-Trichloroethane	6.87	97	357165	21.547	ug/l	94
36) 1,1-Dichloropropene	7.15	75	242548	21.667	ug/l	97
37) Ethyl Acetate	6.18	43	111840	23.193	ug/l #	98
38) Carbon Tetrachloride	7.12	117	334256	19.854	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062873.D
 Acq On : 25 Jun 2019 12:31
 Operator : VA/AP
 Sample : VD0625SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0625SBS01

Quant Time: Jun 26 05:33:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	214181	21.736	ug/l	92
40) Benzene	7.45	78	502333	22.356	ug/l	96
41) Methacrylonitrile	6.45	41	139067	23.557	ug/l #	88
42) 1,2-Dichloroethane	7.58	62	278113	22.688	ug/l	100
43) Isopropyl Acetate	9.25	43	153663	26.183	ug/l #	96
44) Trichloroethene	8.55	130	202583	22.997	ug/l	100
45) 1,2-Dichloropropane	8.94	63	114837	20.553	ug/l	98
46) Dibromomethane	9.07	93	107753	22.450	ug/l	92
47) Bromodichloromethane	9.38	83	265047	21.263	ug/l	94
48) Methyl methacrylate	9.13	41	102039	24.467	ug/l	97
49) 1,4-Dioxane	9.10	88	19214	553.762	ug/l #	77
51) 4-Methyl-2-Pentanone	10.31	43	491440	118.109	ug/l	93
52) Toluene	10.52	92	332330	22.002	ug/l	98
53) t-1,3-Dichloropropene	10.92	75	232900	22.828	ug/l	96
54) cis-1,3-Dichloropropene	10.04	75	252291	22.751	ug/l	94
55) 1,1,2-Trichloroethane	11.20	97	112479	21.675	ug/l	95
56) Ethyl methacrylate	11.05	69	131748	23.756	ug/l	95
57) 1,3-Dichloropropane	11.41	76	173991	21.897	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.87	63	336379	118.147	ug/l	91
59) 2-Hexanone	11.54	43	390092	131.639	ug/l	96
60) Dibromochloromethane	11.69	129	217453	22.497	ug/l	93
61) 1,2-Dibromoethane	11.81	107	151108	24.655	ug/l	86
64) Tetrachloroethene	11.26	164	184046	23.569	ug/l	94
65) Chlorobenzene	12.41	112	407298	23.130	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.51	131	192415	23.366	ug/l	92
67) Ethyl Benzene	12.52	91	750031	23.724	ug/l	100
68) m/p-Xylenes	12.67	106	536652	48.737	ug/l	99
69) o-Xylene	13.06	106	241634	24.005	ug/l	98
70) Styrene	13.08	104	416697	23.569	ug/l	96
71) Bromoform	13.24	173	134039	23.757	ug/l	96
73) Isopropylbenzene	13.41	105	749037	21.471	ug/l	99
74) N-amyl acetate	13.27	43	193191	22.804	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.71	83	135360	23.814	ug/l	93
76) 1,2,3-Trichloropropane	13.74	75	143961	22.920	ug/l	91
77) Bromobenzene	13.68	156	203530	21.691	ug/l	92
78) n-propylbenzene	13.77	91	898107	22.119	ug/l	93
79) 2-Chlorotoluene	13.84	91	485751	20.934	ug/l	98
80) 1,3,5-Trimethylbenzene	13.93	105	659781	22.516	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.48	75	35628	21.643	ug/l #	84
82) 4-Chlorotoluene	13.95	91	633641	22.682	ug/l	100
83) tert-Butylbenzene	14.19	119	734148	22.477	ug/l	91
84) 1,2,4-Trimethylbenzene	14.24	105	670639	22.329	ug/l	96
85) sec-Butylbenzene	14.37	105	737537	20.776	ug/l	93
86) p-Isopropyltoluene	14.49	119	703111	21.650	ug/l	97
87) 1,3-Dichlorobenzene	14.45	146	394478	23.453	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	364414	21.570	ug/l	97
89) n-Butylbenzene	14.80	91	692066	22.768	ug/l	99
90) Hexachloroethane	15.01	117	187178	21.436	ug/l	97
91) 1,2-Dichlorobenzene	14.81	146	336295	23.368	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.38	75	28048	25.282	ug/l	93

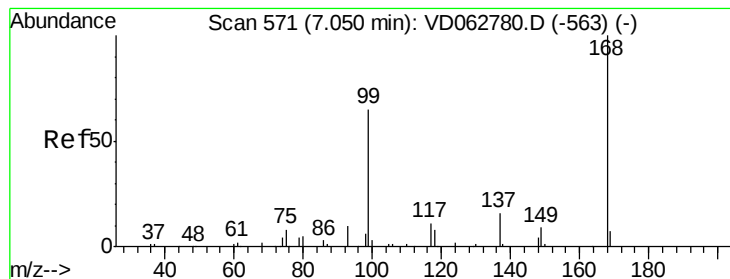
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062519\
Data File : VD062873.D
Acq On : 25 Jun 2019 12:31
Operator : VA/AP
Sample : VD0625SBSD01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBSD01

Quant Time: Jun 26 05:33:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	258430	22.988	ug/l	97
94) Hexachlorobutadiene	16.04	225	179826	20.939	ug/l	94
95) Naphthalene	16.13	128	374580	23.773	ug/l	100
96) 1,2,3-Trichlorobenzene	16.28	180	198163	22.942	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

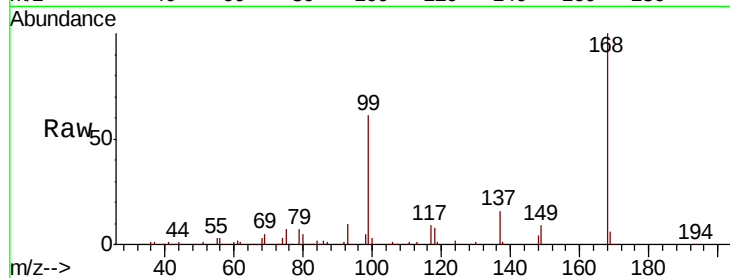
VD0625SBSD01

Tot Ion:168 Resp: 842791

Ion Ratio Lower Upper

168 100

99 61.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

300000

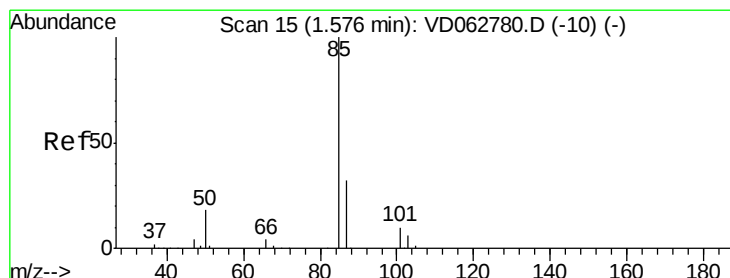
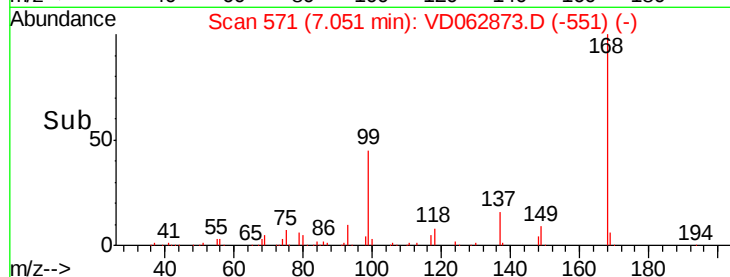
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: 24.456 ug/l

RT: 1.57 min Scan# 14

Delta R.T. -0.01 min

Lab File: VD062873.D

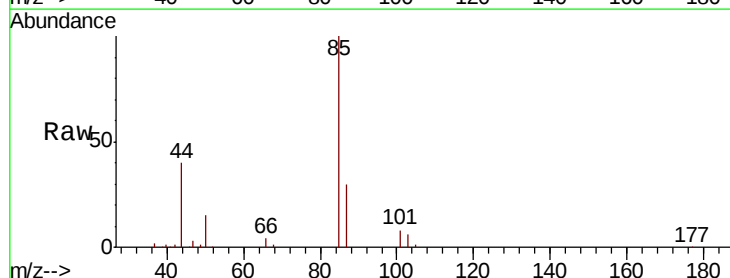
Acq: 25 Jun 2019 12:31

Tgt Ion: 85 Resp: 266720

Ion Ratio Lower Upper

85 100

87 29.9 15.9 47.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.57

120000

100000

80000

60000

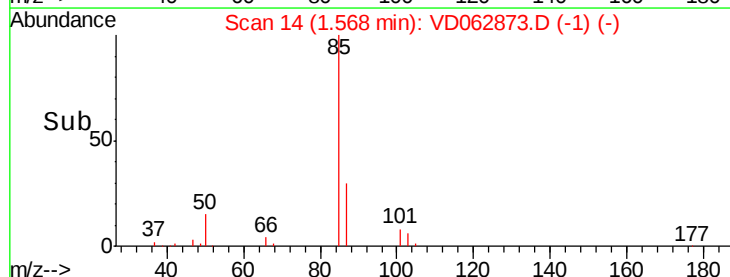
40000

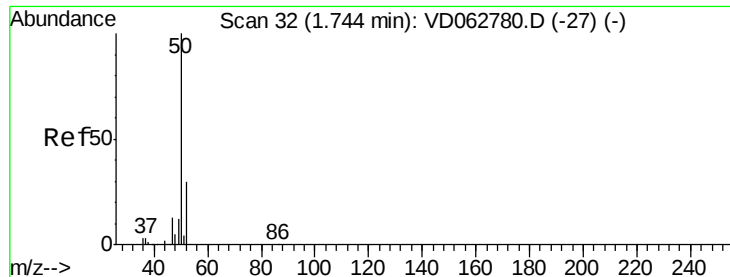
20000

0

1.50 1.60 1.70 1.80

Time-->





#3

Chloromethane

Concen: 23.101 ug/l

RT: 1.74 min Scan# 32

Delta R.T. 0.00 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

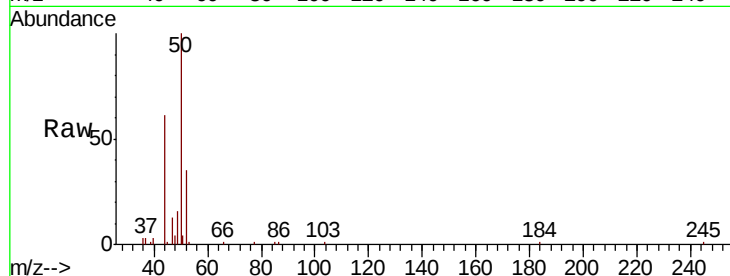
VD0625SBSD01

Tot Ion: 50 Resp: 189475

Ion Ratio Lower Upper

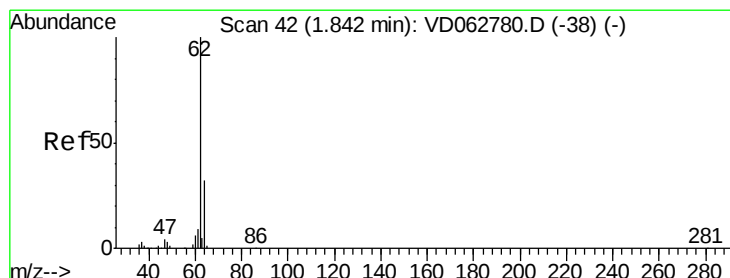
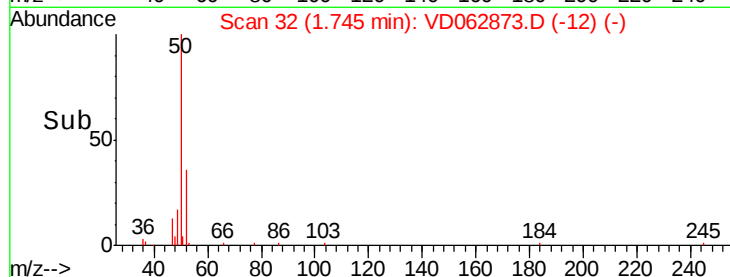
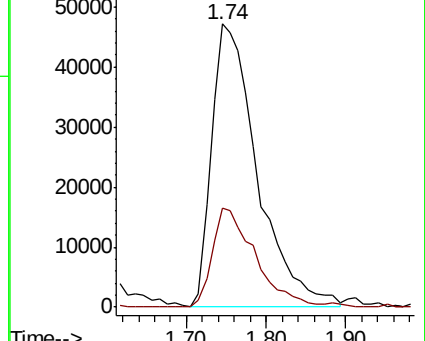
50 100

52 35.0 23.6 35.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 23.114 ug/l

RT: 1.84 min Scan# 42

Delta R.T. 0.00 min

Lab File: VD062873.D

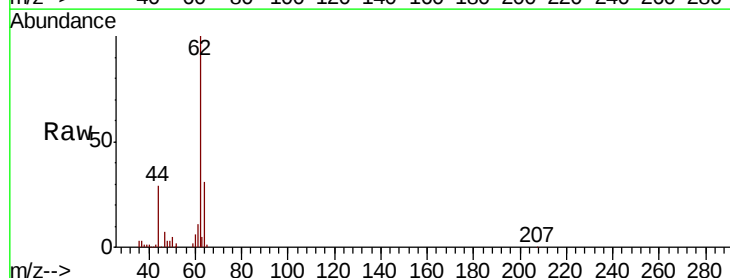
Acq: 25 Jun 2019 12:31

Tgt Ion: 62 Resp: 187970

Ion Ratio Lower Upper

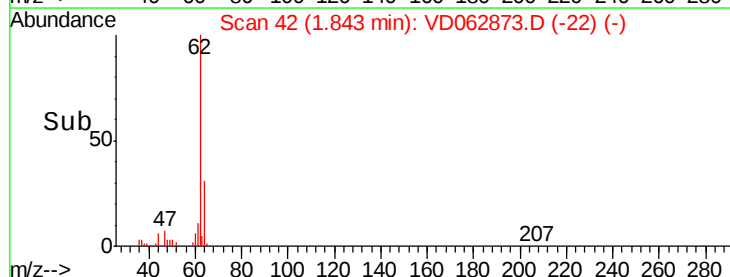
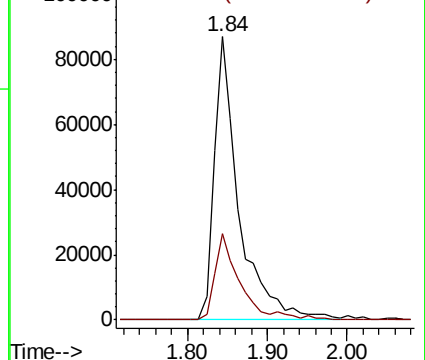
62 100

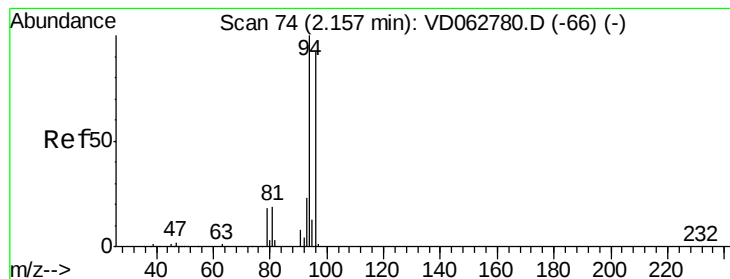
64 30.6 25.6 38.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 16.124 ug/l

RT: 2.15 min Scan# 73

Delta R.T. -0.01 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBSD01

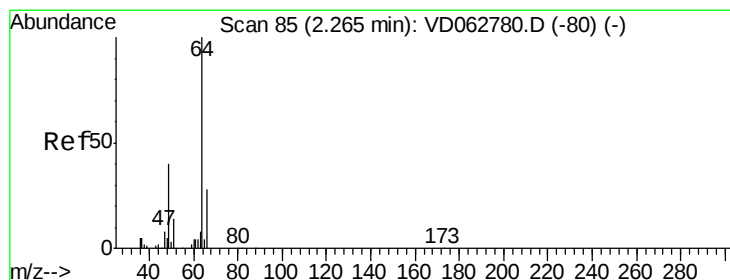
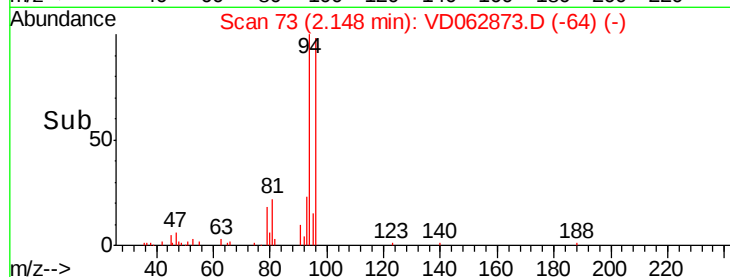
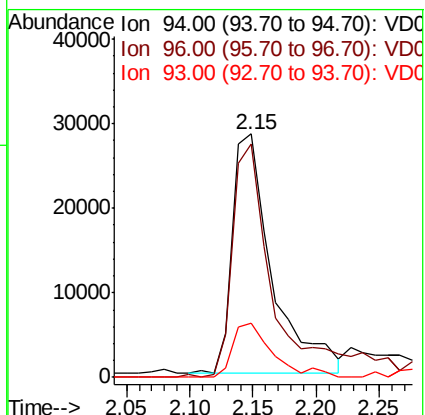
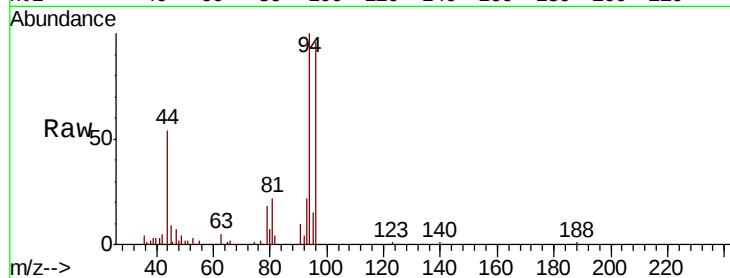
Tot Ion: 94 Resp: 61408

Ion Ratio Lower Upper

94 100

96 95.9 73.4 110.2

93 22.2 18.2 27.4



#6

Chloroethane

Concen: 21.775 ug/l

RT: 2.26 min Scan# 84

Delta R.T. -0.01 min

Lab File: VD062873.D

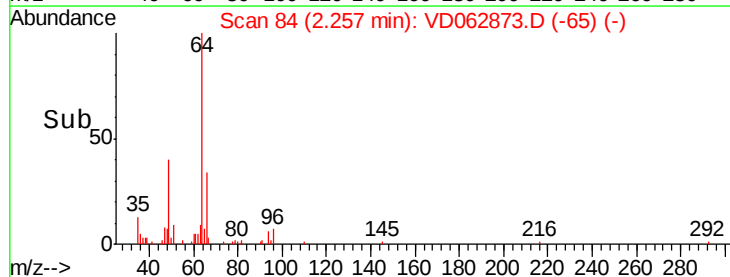
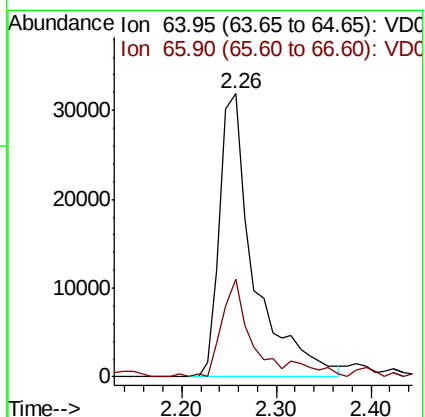
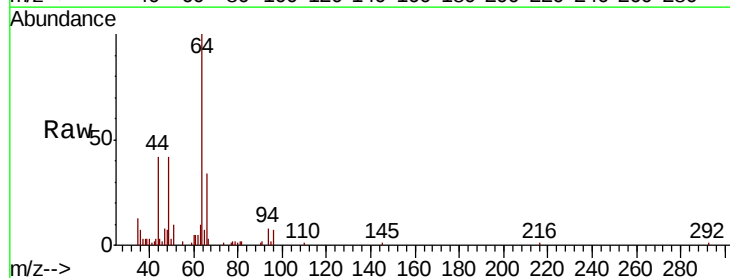
Acq: 25 Jun 2019 12:31

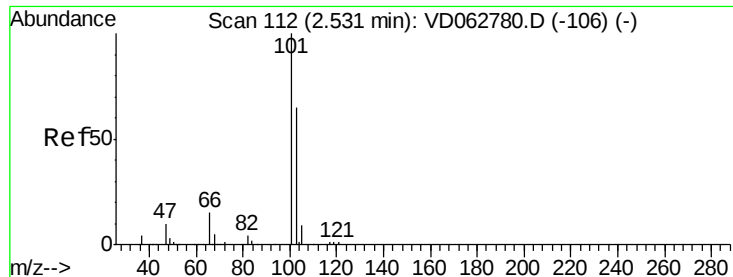
Tgt Ion: 64 Resp: 80171

Ion Ratio Lower Upper

64 100

66 34.4 23.0 34.4



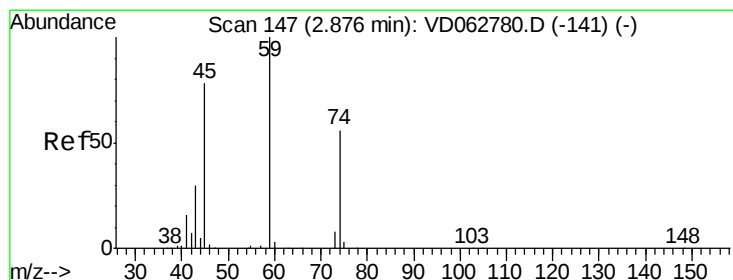
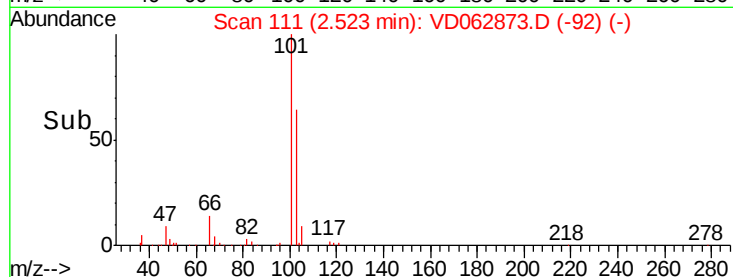
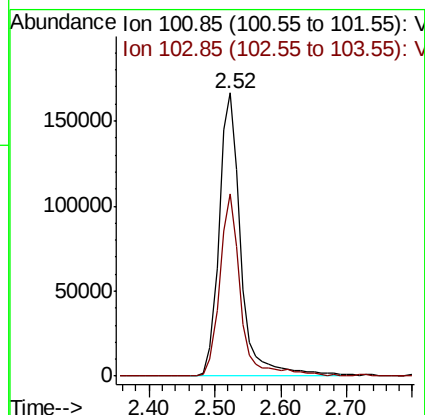
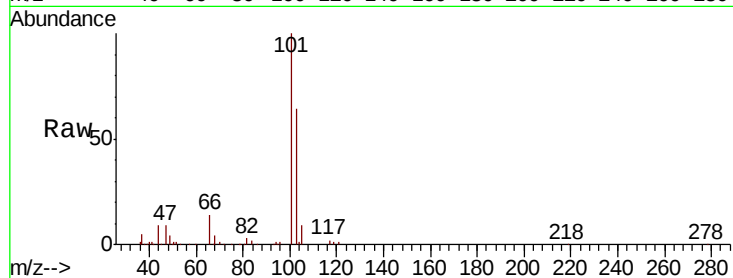


#7

Trichlorofluoromethane
 Concen: 23.154 ug/l
 RT: 2.52 min Scan# 111
 Delta R.T. -0.01 min
 Lab File: VD062873.D
 Acq: 25 Jun 2019 12:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBSD01

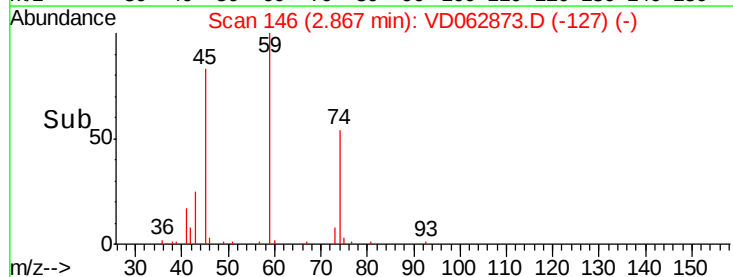
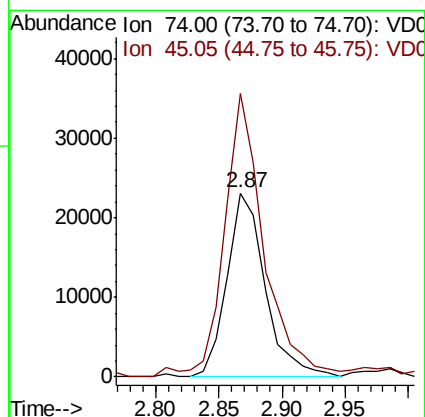
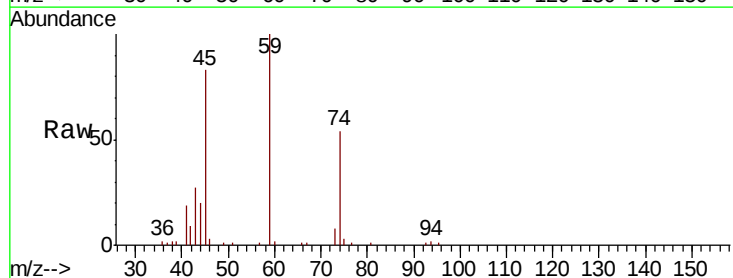
Tot Ion:101 Resp: 381069
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.8 77.8

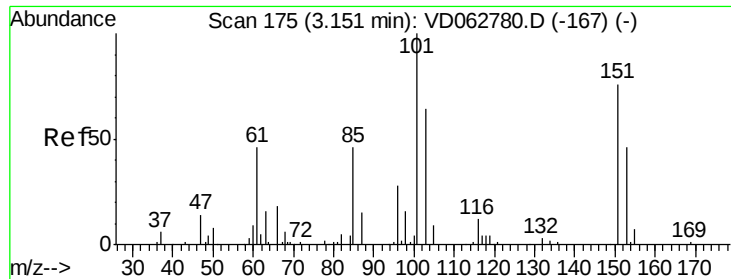


#8

Diethyl Ether
 Concen: 23.155 ug/l
 RT: 2.87 min Scan# 146
 Delta R.T. -0.01 min
 Lab File: VD062873.D
 Acq: 25 Jun 2019 12:31

Tgt Ion: 74 Resp: 48419
 Ion Ratio Lower Upper
 74 100
 45 153.9 70.2 210.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.619 ug/l

RT: 3.14 min Scan# 174

Delta R.T. -0.01 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBSD01

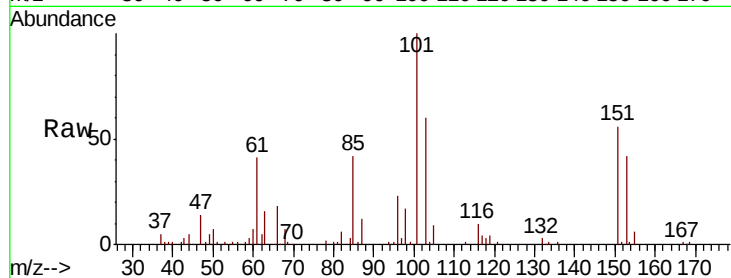
Tot Ion:101 Resp: 192757

Ion Ratio Lower Upper

101 100

85 42.3 37.0 55.4

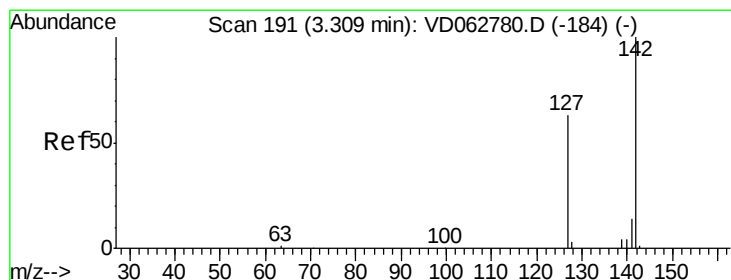
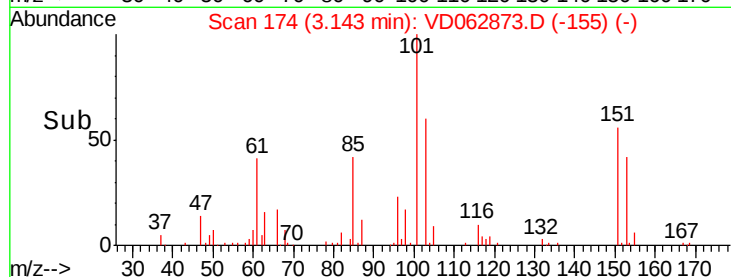
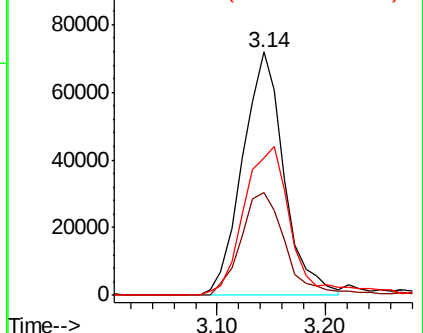
151 56.3 60.5 90.7#



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 19.920 ug/l

RT: 3.30 min Scan# 190

Delta R.T. -0.01 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

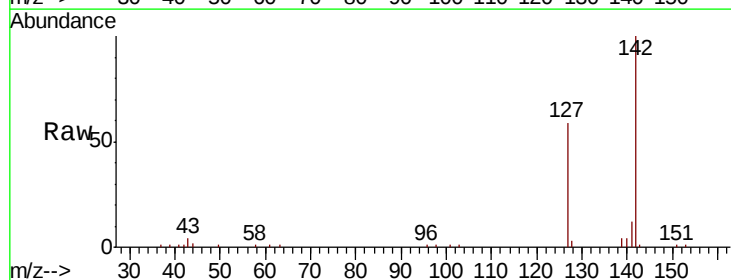
Tgt Ion:142 Resp: 234322

Ion Ratio Lower Upper

142 100

127 59.0 50.1 75.1

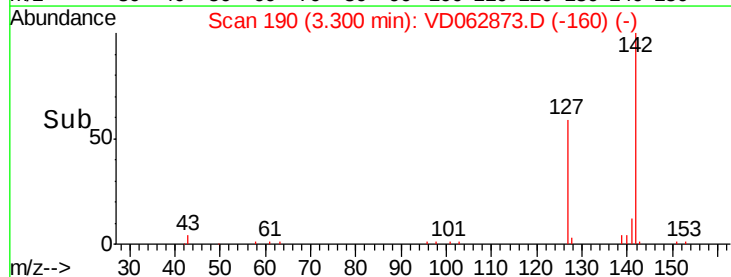
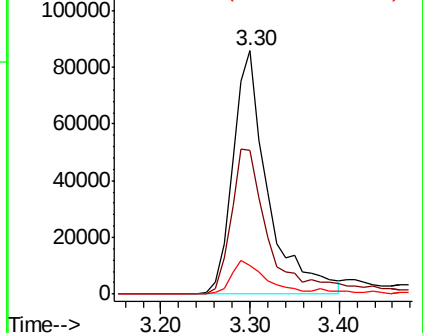
141 11.9 11.0 16.4



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



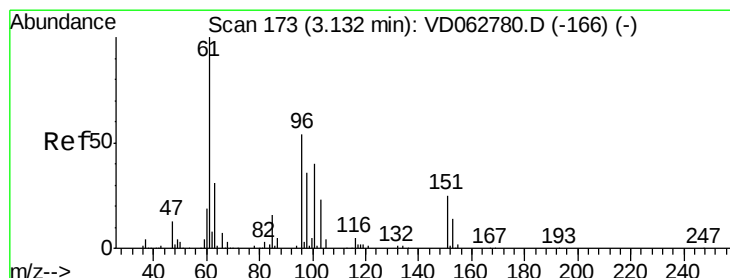
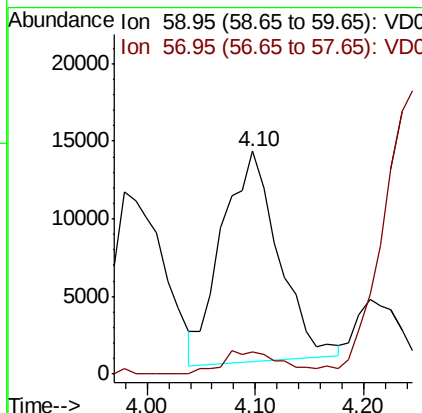
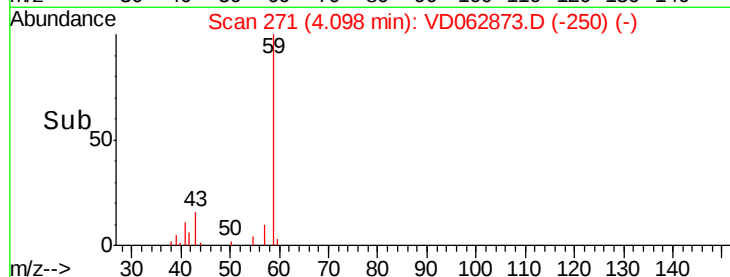
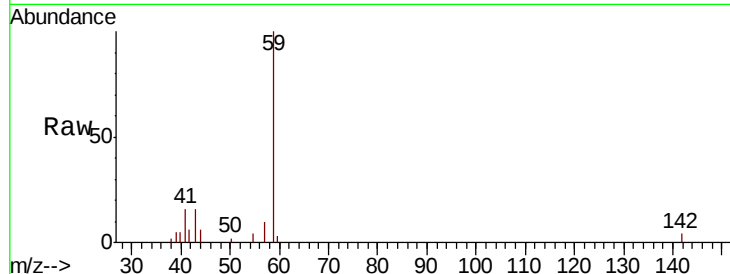


#11

Tert butyl alcohol
Concen: 117.001 ug/l
RT: 4.10 min Scan# 271
Delta R.T. 0.01 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBSD01

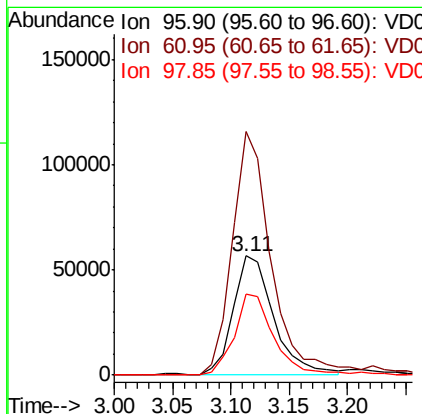
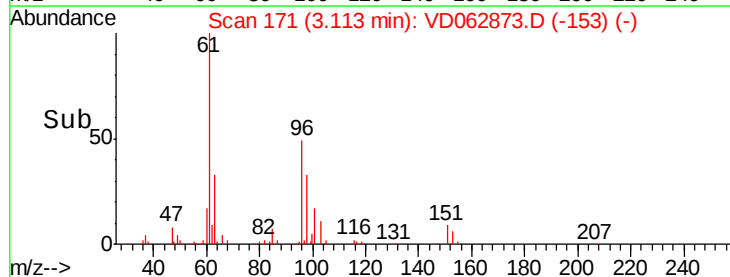
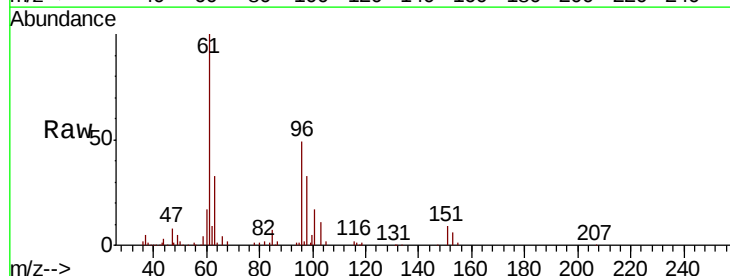
Tot Ion: 59 Resp: 48817
Ion Ratio Lower Upper
59 100
57 10.1 6.6 10.0#



#12

1,1-Dichloroethene
Concen: 20.642 ug/l
RT: 3.11 min Scan# 171
Delta R.T. -0.02 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Tgt Ion: 96 Resp: 138065
Ion Ratio Lower Upper
96 100
61 204.1 147.1 220.7
98 68.0 52.6 79.0





#13

Acrolein

Concen: 97.963 ug/l

RT: 3.03 min Scan# 163

Delta R.T. 0.00 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

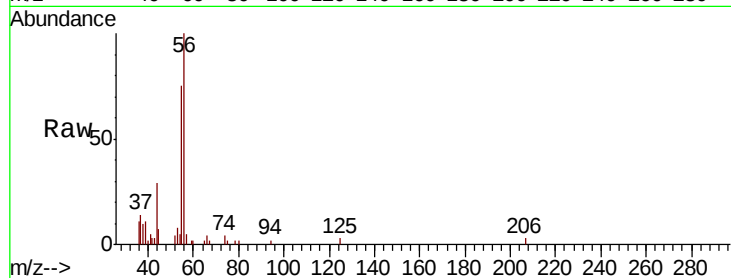
VD0625SBS01

Tot Ion: 56 Resp: 41727

Ion Ratio Lower Upper

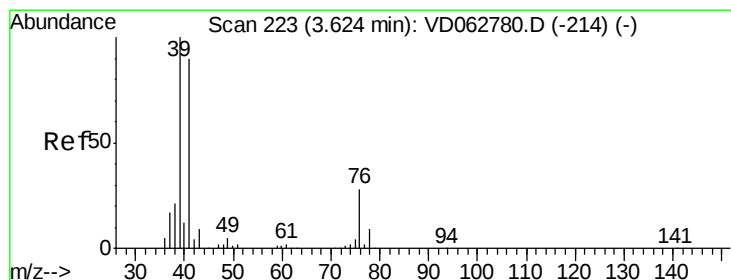
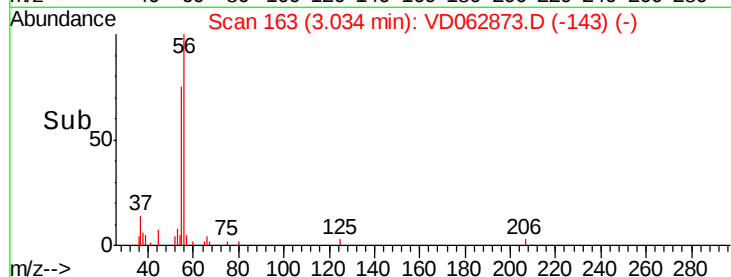
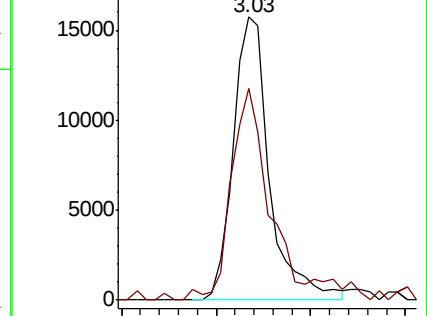
56 100

55 75.0 55.4 83.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 23.404 ug/l

RT: 3.62 min Scan# 222

Delta R.T. -0.01 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

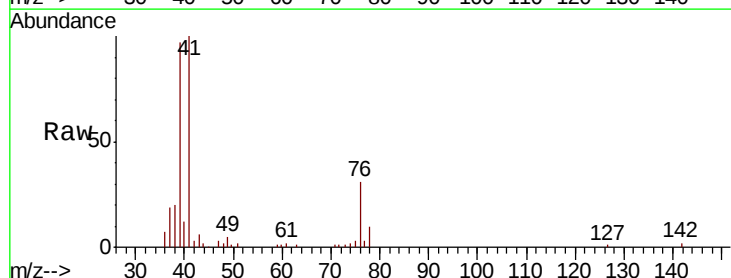
Tgt Ion: 41 Resp: 231303

Ion Ratio Lower Upper

41 100

39 96.6 88.8 133.2

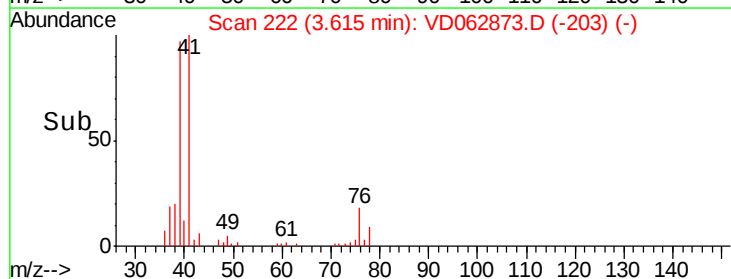
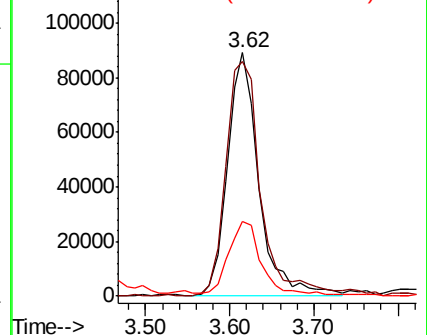
76 30.5 26.7 40.1

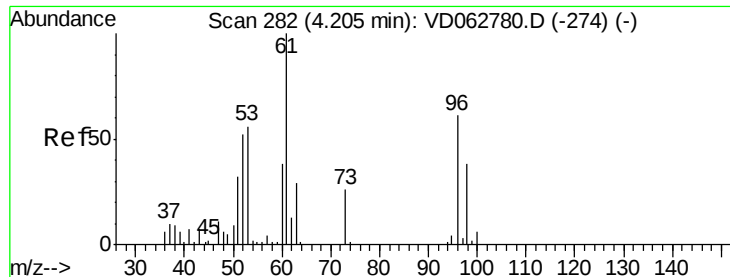


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 126.735 ug/l

RT: 4.20 min Scan# 281

Delta R.T. -0.01 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBSD01

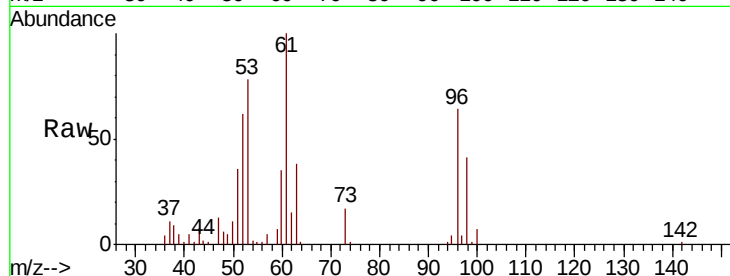
Tot Ion: 53 Resp: 124250

Ion Ratio Lower Upper

53 100

52 78.8 73.3 109.9

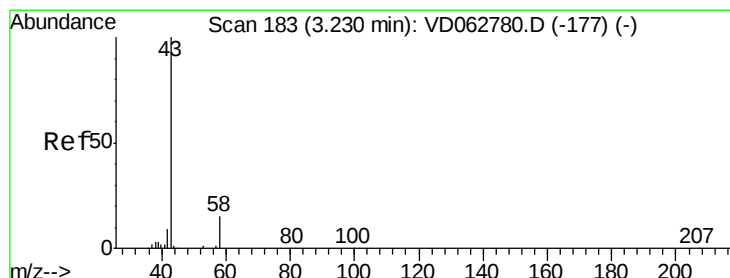
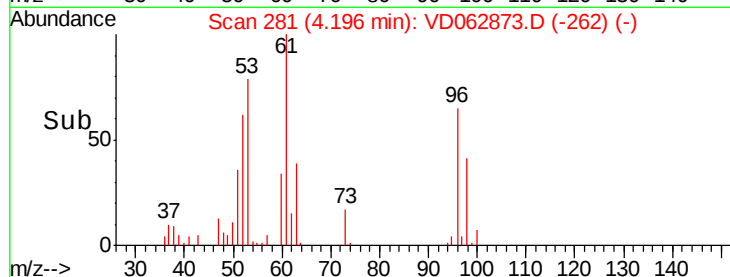
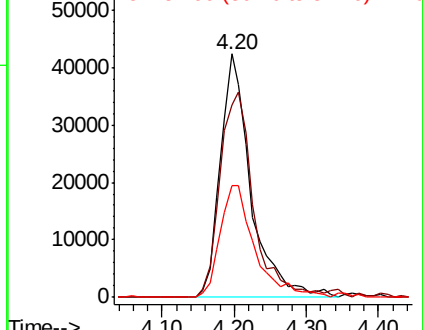
51 45.8 44.8 67.2



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 118.411 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD062873.D

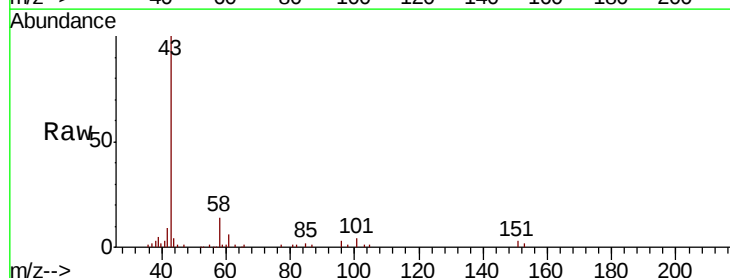
Acq: 25 Jun 2019 12:31

Tgt Ion: 43 Resp: 226821

Ion Ratio Lower Upper

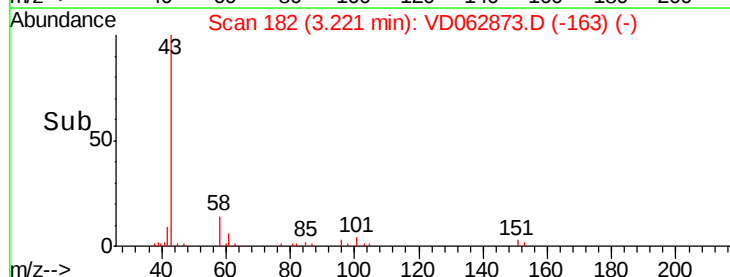
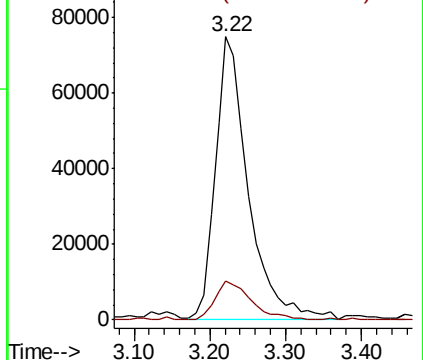
43 100

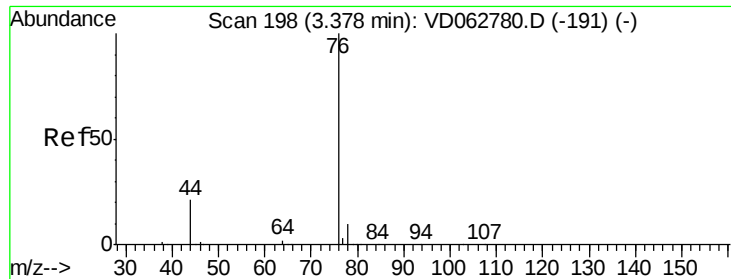
58 13.6 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

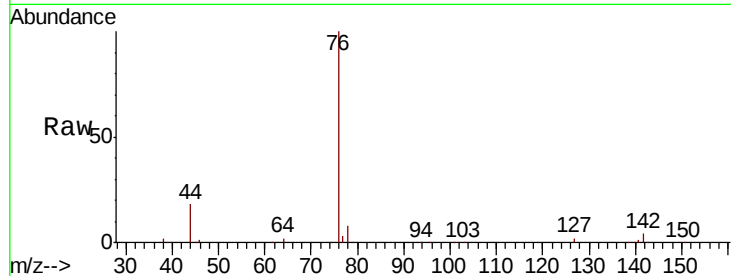




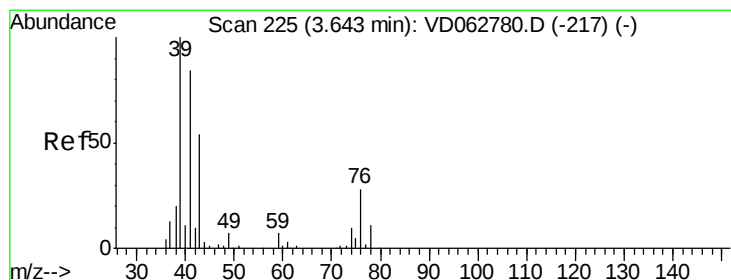
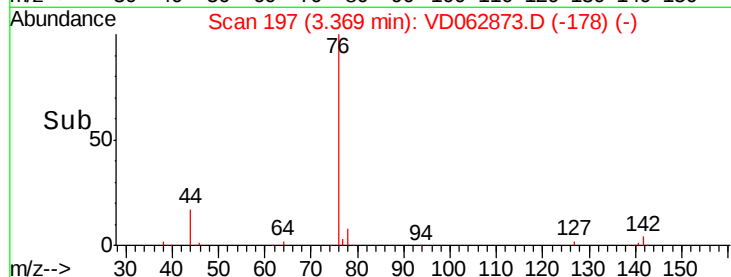
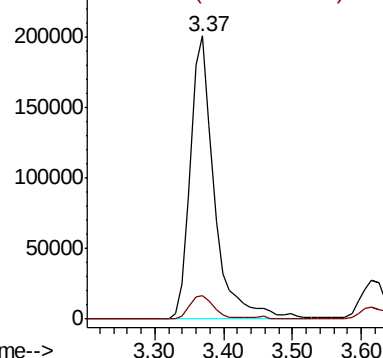
#17
Carbon Disulfide
Concen: 22.901 ug/l
RT: 3.37 min Scan# 197
Delta R.T. -0.01 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBSD01

Tot Ion: 76 Resp: 489546
Ion Ratio Lower Upper
76 100
78 8.4 8.0 12.0

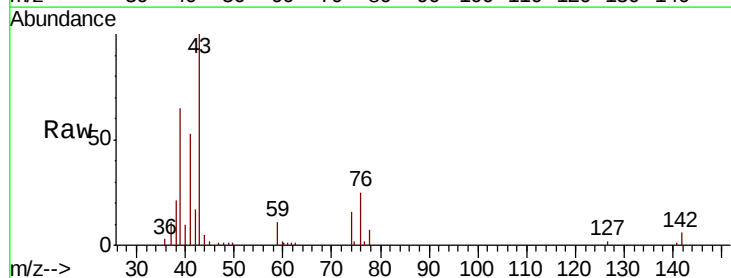


Abundance Ion 75.85 (75.55 to 76.55): VDC
Ion 77.85 (77.55 to 78.55): VDC

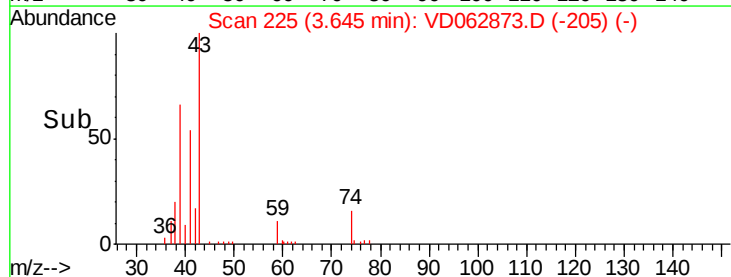
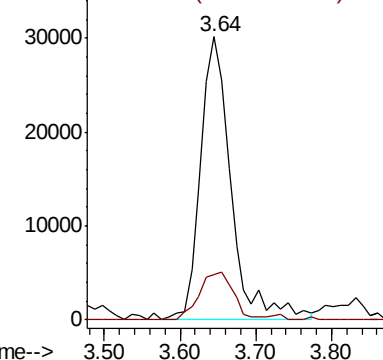


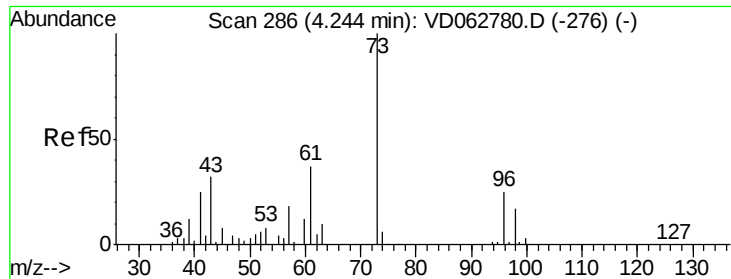
#18
Methyl Acetate
Concen: 30.464 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.00 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Tgt Ion: 43 Resp: 84247
Ion Ratio Lower Upper
43 100
74 17.6 15.2 22.8



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



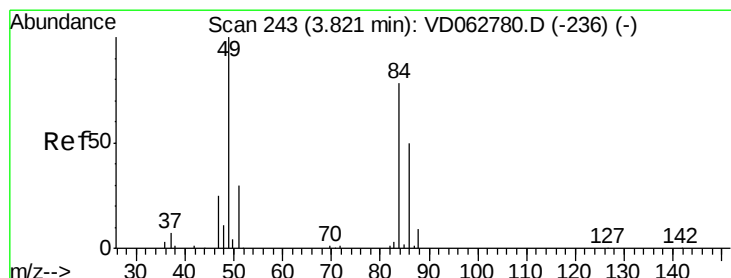
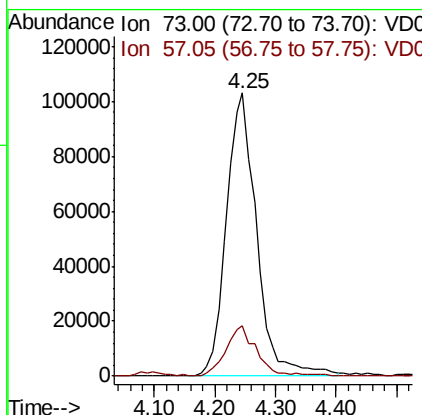
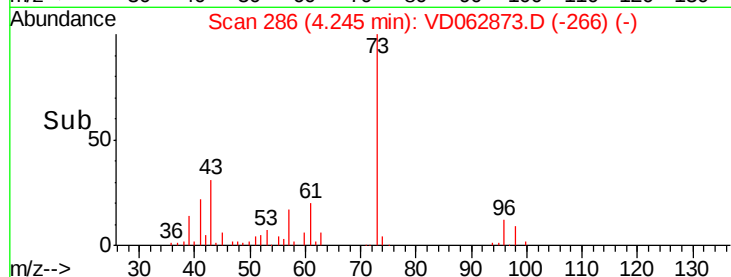
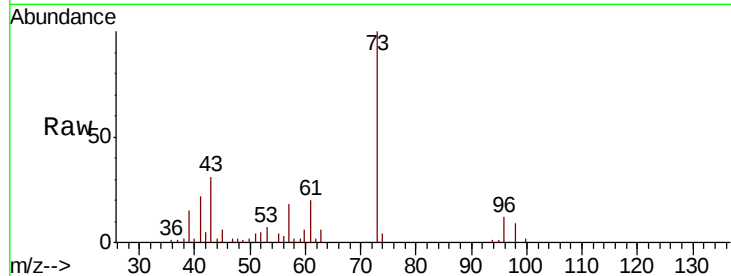


#19

Methyl tert-butyl Ether
 Concen: 24.730 ug/l
 RT: 4.25 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VD062873.D
 Acq: 25 Jun 2019 12:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBS01

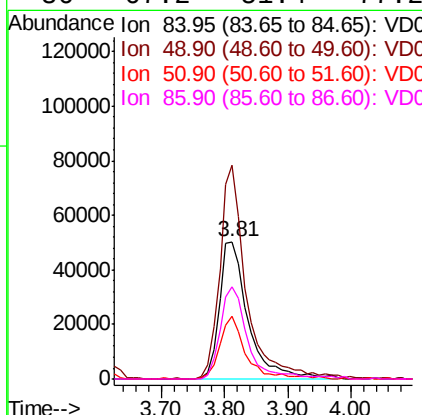
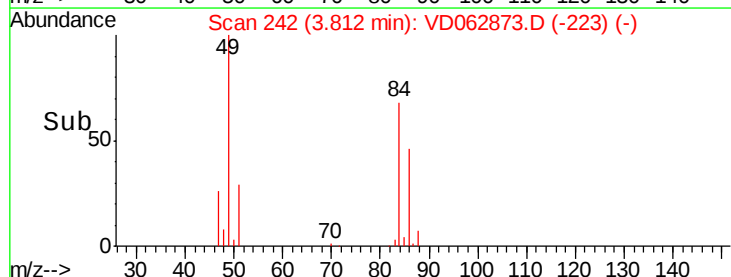
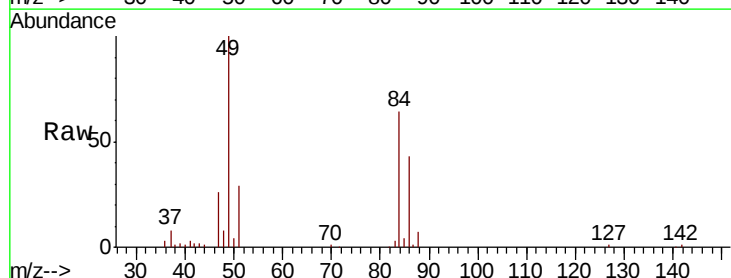
Tot Ion: 73 Resp: 358087
 Ion Ratio Lower Upper
 73 100
 57 17.7 14.3 21.5



#20

Methylene Chloride
 Concen: 22.966 ug/l
 RT: 3.81 min Scan# 242
 Delta R.T. -0.01 min
 Lab File: VD062873.D
 Acq: 25 Jun 2019 12:31

Tgt Ion: 84 Resp: 160455
 Ion Ratio Lower Upper
 84 100
 49 155.8 102.9 154.3#
 51 45.8 31.2 46.8
 86 67.2 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 23.669 ug/l

RT: 4.22 min Scan# 283

Delta R.T. -0.01 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBSD01

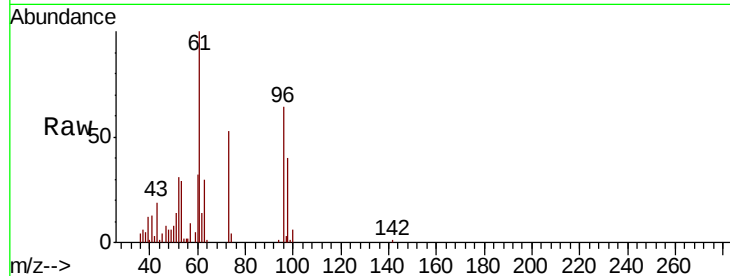
Tot Ion: 96 Resp: 168566

Ion Ratio Lower Upper

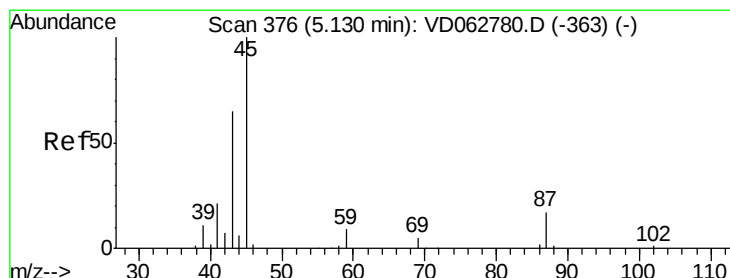
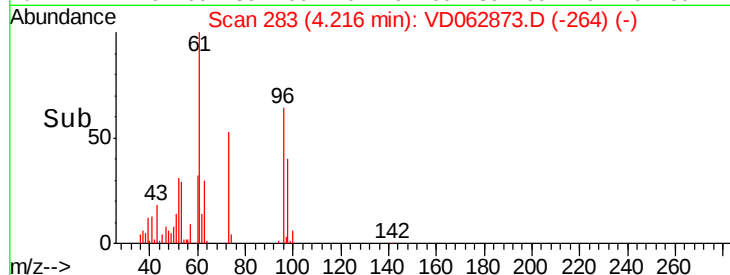
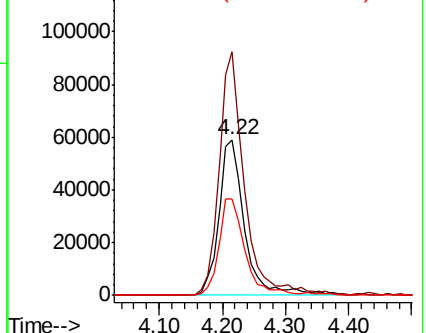
96 100

61 156.6 131.0 196.4

98 62.0 53.2 79.8



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



#22

Diisopropyl ether

Concen: 23.114 ug/l

RT: 5.12 min Scan# 375

Delta R.T. -0.01 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Tgt Ion: 45 Resp: 464580

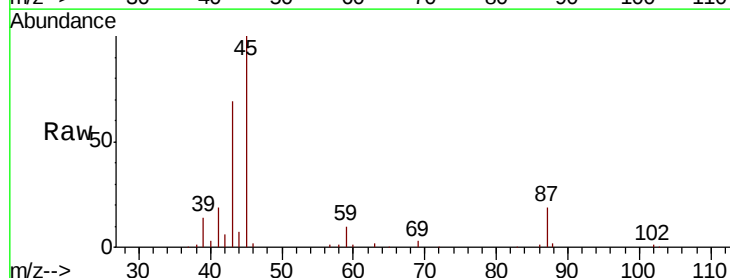
Ion Ratio Lower Upper

45 100

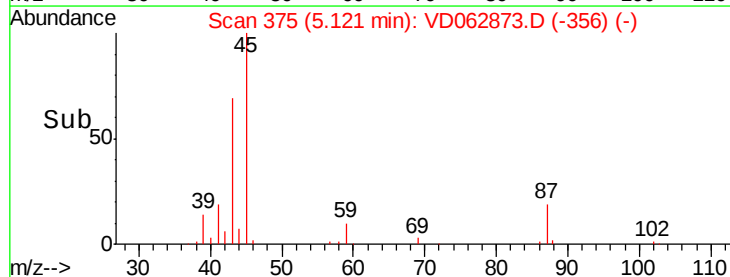
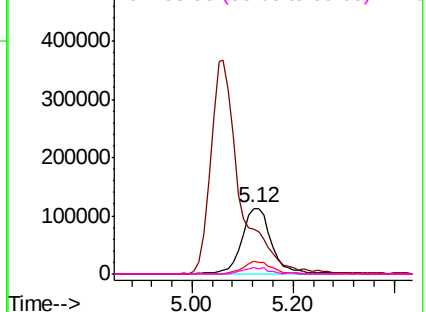
43 68.9 53.4 80.0

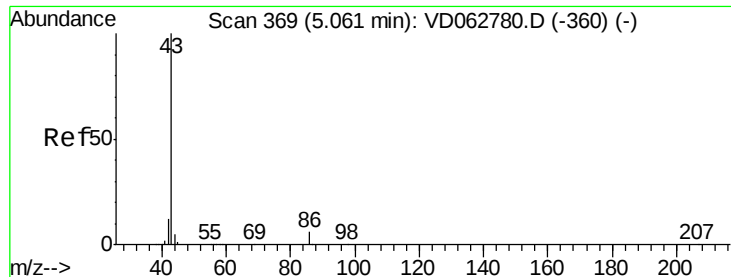
87 19.3 14.6 22.0

59 9.8 7.8 11.8



Abundance Ion 45.05 (44.75 to 45.75): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 58.95 (58.65 to 59.65): VDC

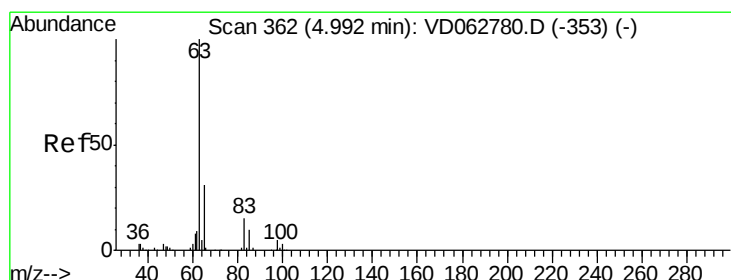
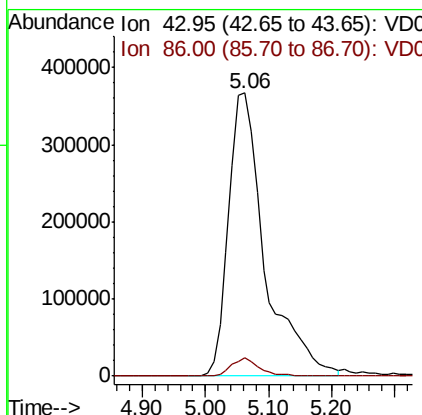
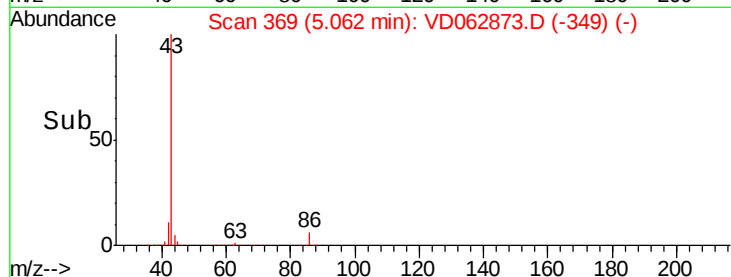
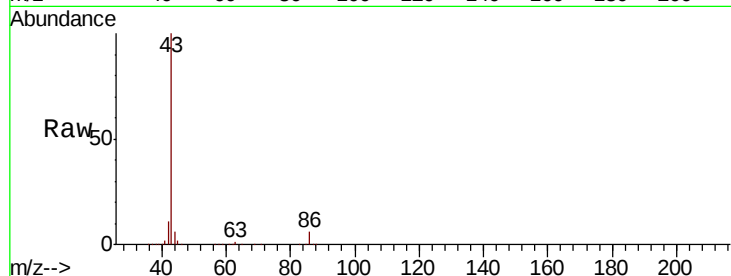




#23
 Vinyl Acetate
 Concen: 116.751 ug/l
 RT: 5.06 min Scan# 369
 Delta R.T. 0.00 min
 Lab File: VD062873.D
 Acq: 25 Jun 2019 12:31

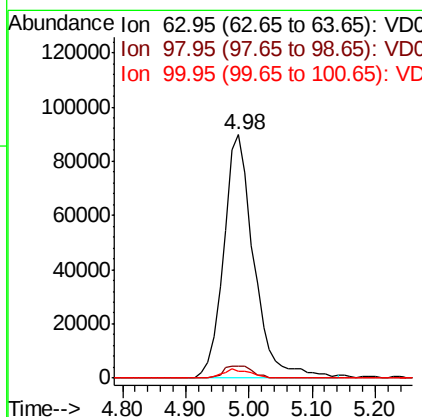
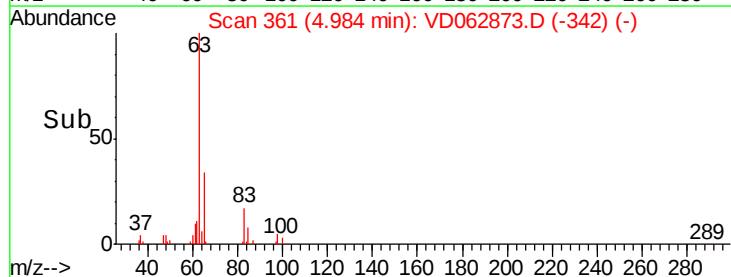
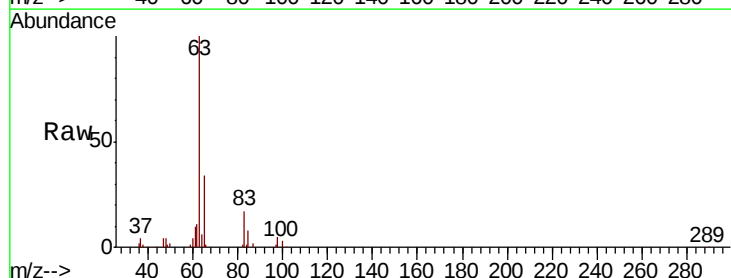
Instrument :
 MSVOA_D
 ClientSampleID :
 VD0625SBS01

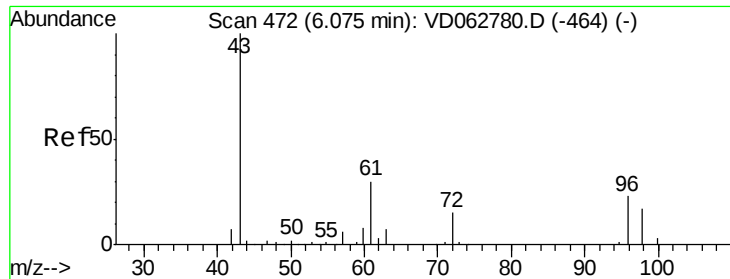
Tot Ion: 43 Resp: 1468362
 Ion Ratio Lower Upper
 43 100
 86 6.4 4.7 7.1



#24
 1,1-Dichloroethane
 Concen: 22.759 ug/l
 RT: 4.98 min Scan# 361
 Delta R.T. -0.01 min
 Lab File: VD062873.D
 Acq: 25 Jun 2019 12:31

Tgt Ion: 63 Resp: 297828
 Ion Ratio Lower Upper
 63 100
 98 4.7 2.3 6.9
 100 3.0 1.7 5.1





#25

2-Butanone

Concen: 127.271 ug/l

RT: 6.09 min Scan# 473

Delta R.T. 0.01 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

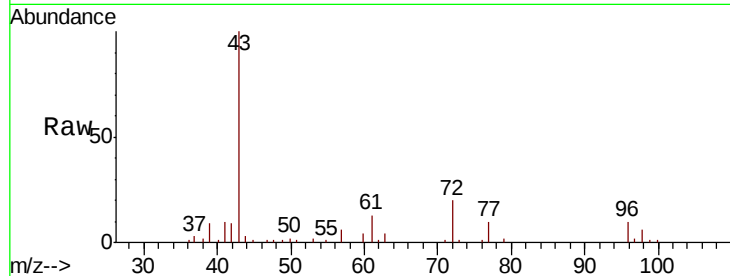
VD0625SBSD01

Tot Ion: 43 Resp: 218064

Ion Ratio Lower Upper

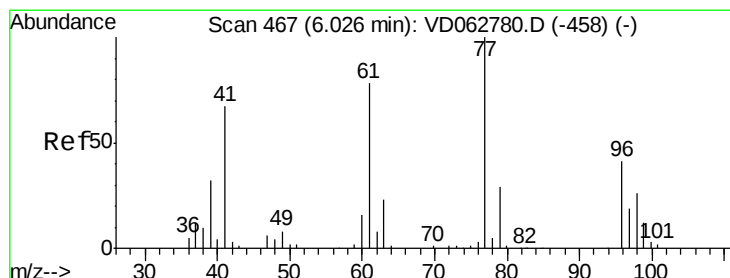
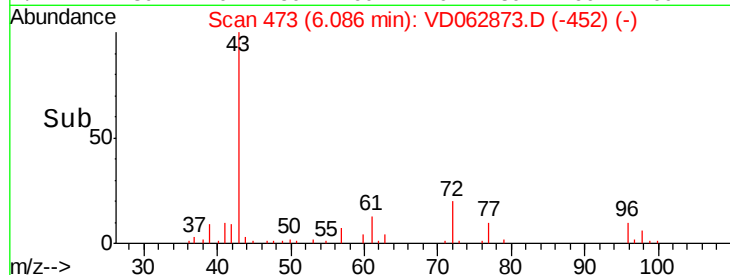
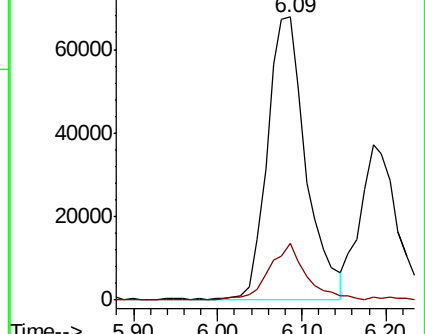
43 100

72 20.1 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 22.890 ug/l

RT: 6.03 min Scan# 467

Delta R.T. 0.00 min

Lab File: VD062873.D

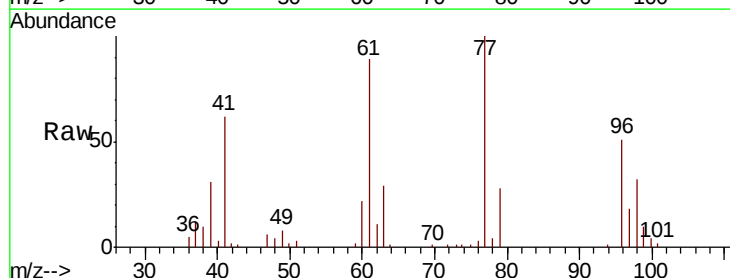
Acq: 25 Jun 2019 12:31

Tgt Ion: 77 Resp: 317501

Ion Ratio Lower Upper

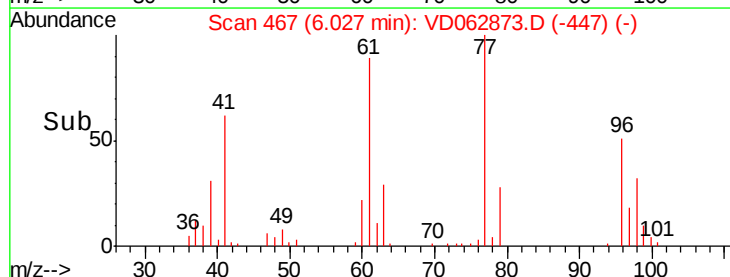
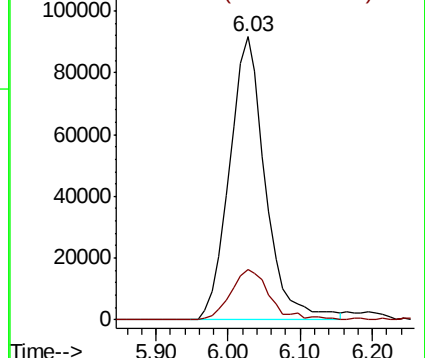
77 100

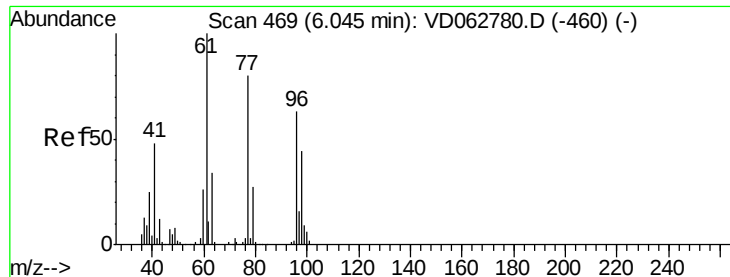
97 17.7 9.5 28.5



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC





#27

cis-1,2-Dichloroethene

Concen: 23.299 ug/l

RT: 6.04 min Scan# 468

Delta R.T. -0.01 min

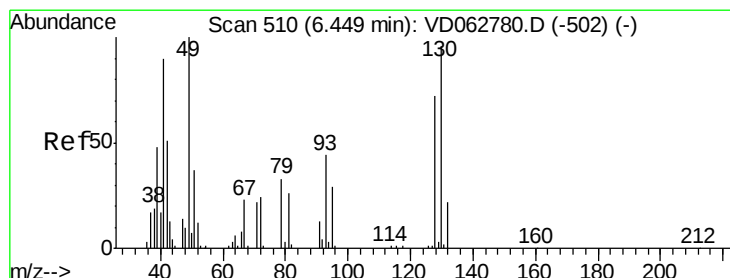
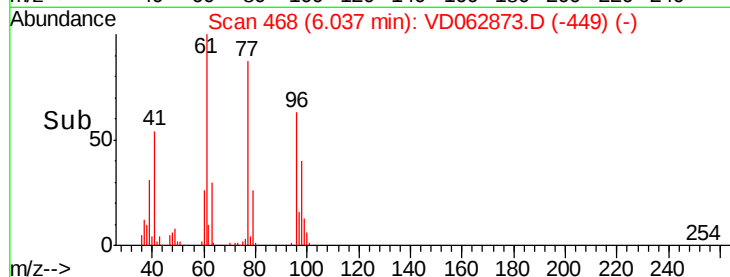
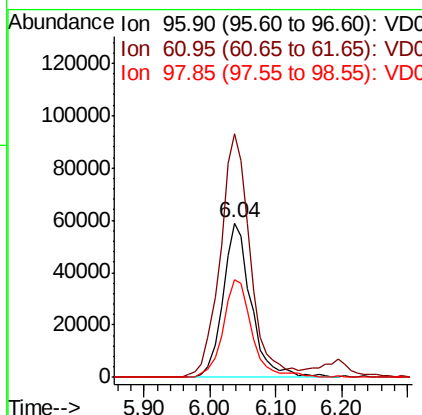
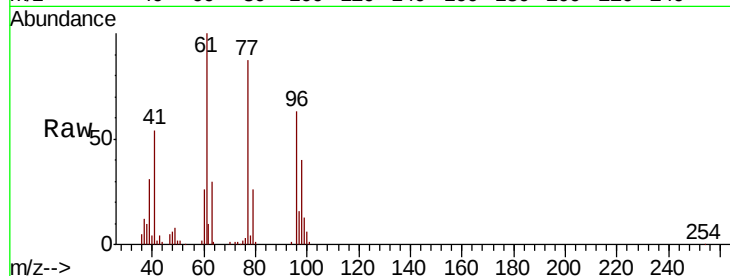
Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBSD01

Tot Ion: 96 Resp: 175473

Ion	Ratio	Lower	Upper
96	100		
61	157.8	0.0	316.0
98	63.1	0.0	138.4



#28

Bromochloromethane

Concen: 26.016 ug/l

RT: 6.44 min Scan# 509

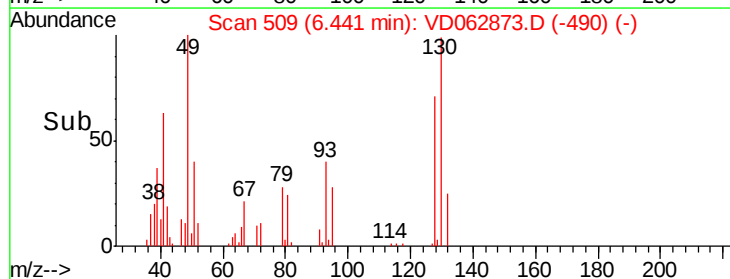
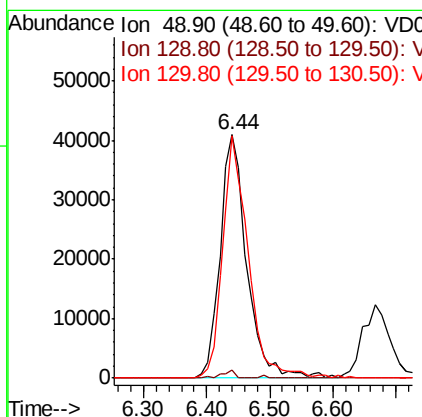
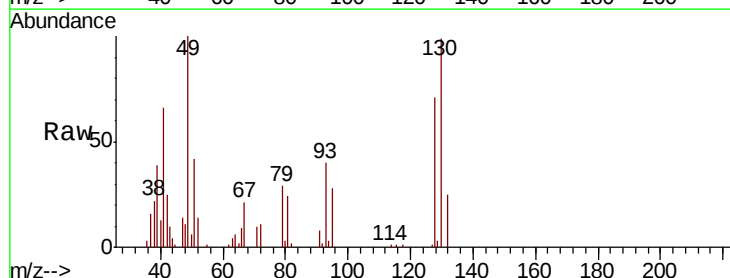
Delta R.T. -0.01 min

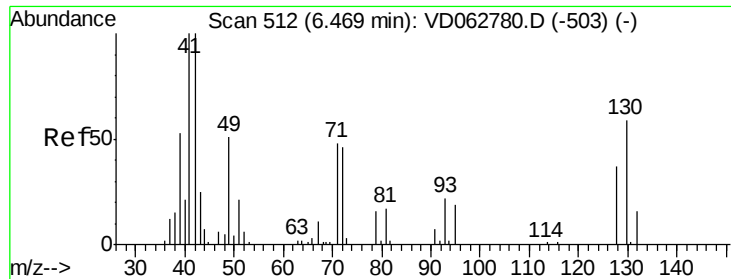
Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Tgt Ion: 49 Resp: 119907

Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	5.6
130	99.3	76.6	114.8





#29

Tetrahydrofuran

Concen: 123.198 ug/l

RT: 6.46 min Scan# 511

Delta R.T. -0.01 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBS01

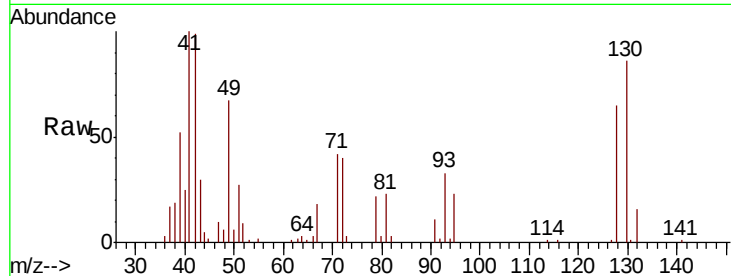
Tot Ion: 42 Resp: 99873

Ion Ratio Lower Upper

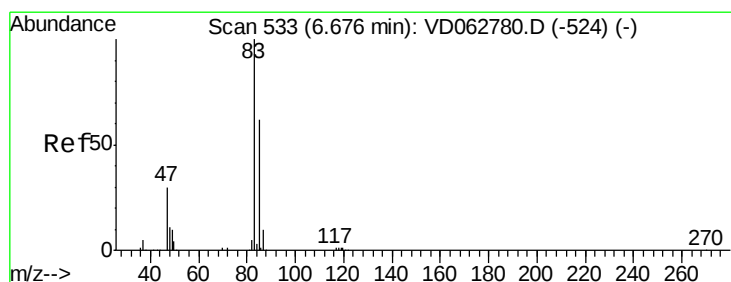
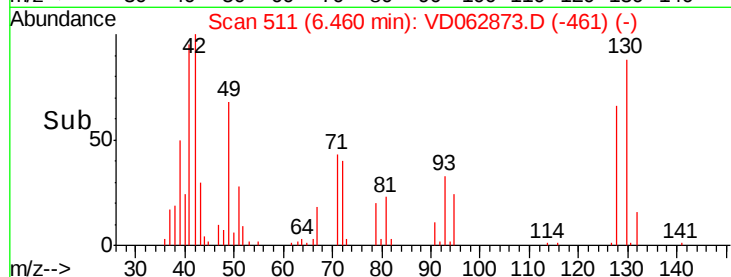
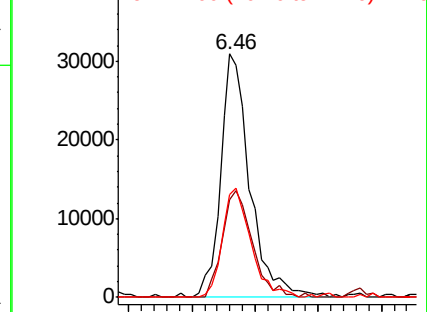
42 100

72 44.6 35.0 52.6

71 44.0 33.3 49.9



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: 22.612 ug/l

RT: 6.67 min Scan# 532

Delta R.T. -0.01 min

Lab File: VD062873.D

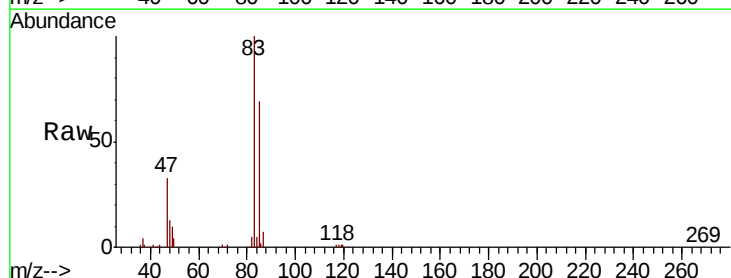
Acq: 25 Jun 2019 12:31

Tgt Ion: 83 Resp: 359867

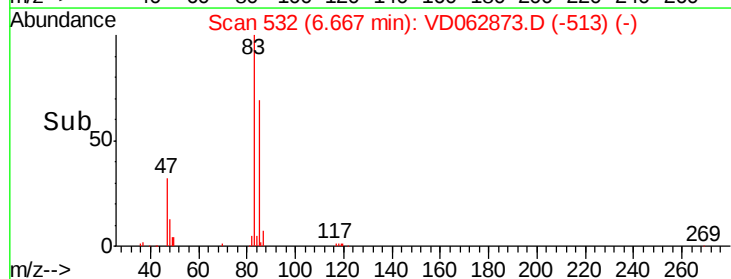
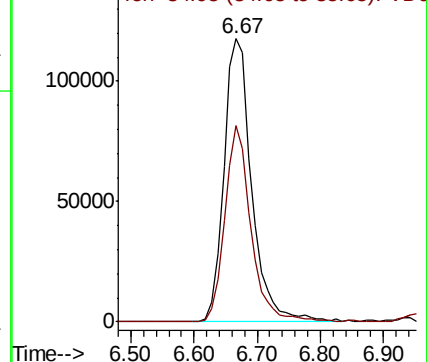
Ion Ratio Lower Upper

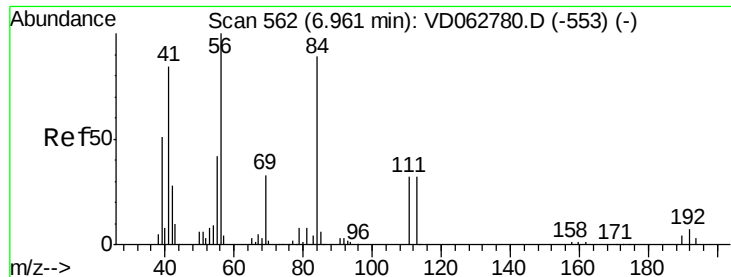
83 100

85 69.3 49.8 74.6



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

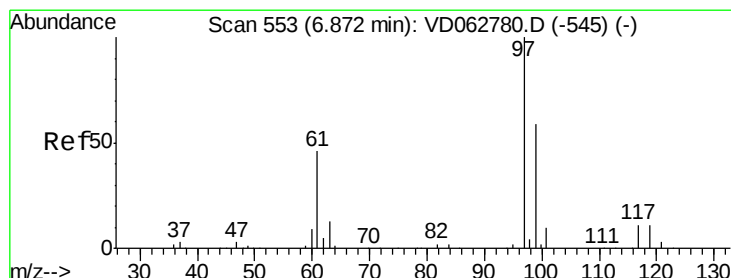
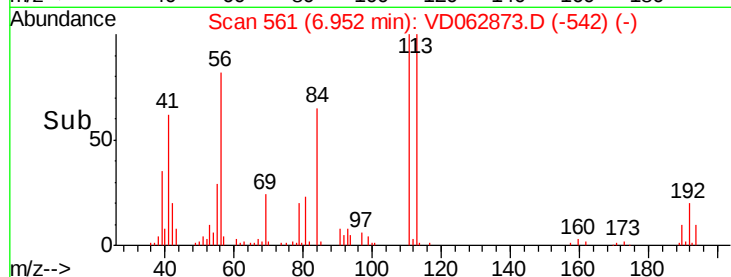
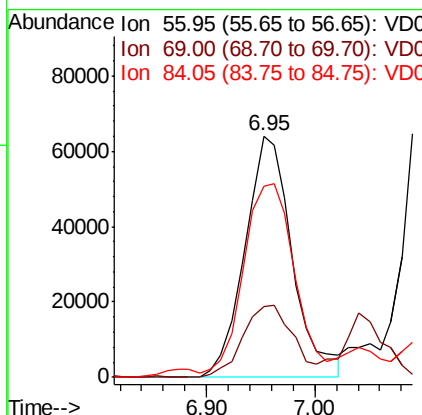
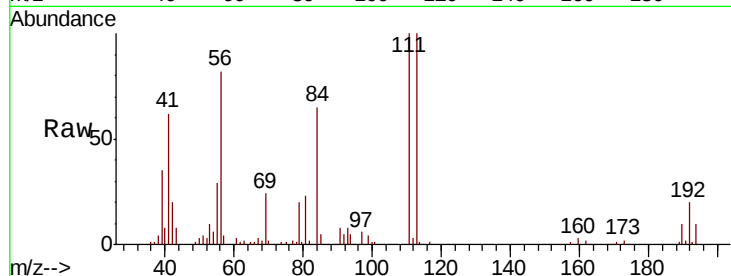




#31
Cyclohexane
Concen: 22.593 ug/l
RT: 6.95 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

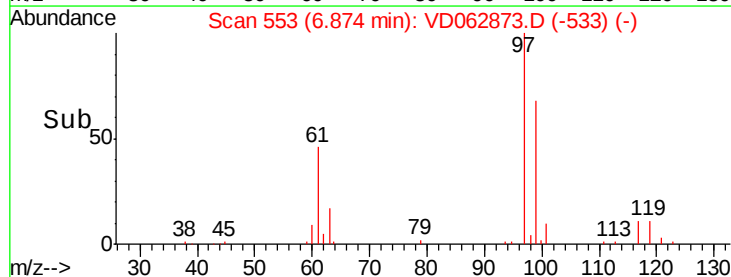
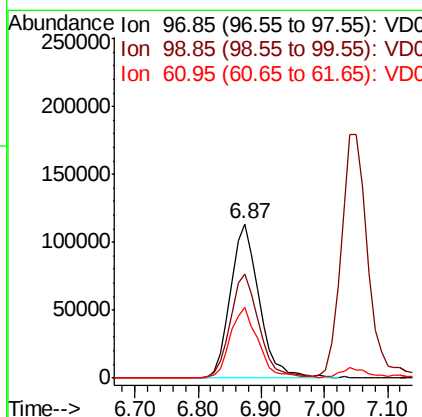
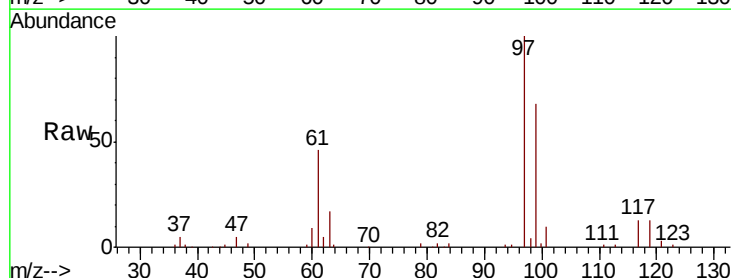
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBSD01

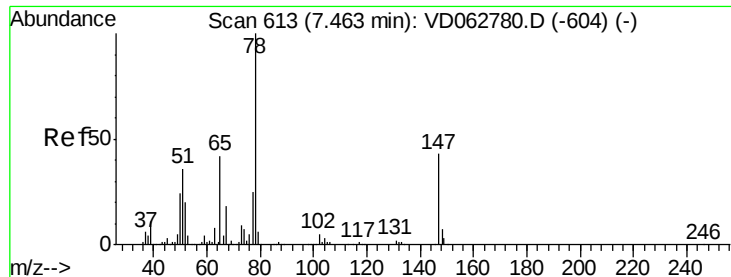
Tot Ion: 56 Resp: 194363
Ion Ratio Lower Upper
56 100
69 29.2 26.6 39.8
84 79.5 75.5 113.3



#32
1,1,1-Trichloroethane
Concen: 21.547 ug/l
RT: 6.87 min Scan# 553
Delta R.T. 0.00 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Tgt Ion: 97 Resp: 357165
Ion Ratio Lower Upper
97 100
99 67.5 47.4 71.2
61 46.2 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 60.735 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

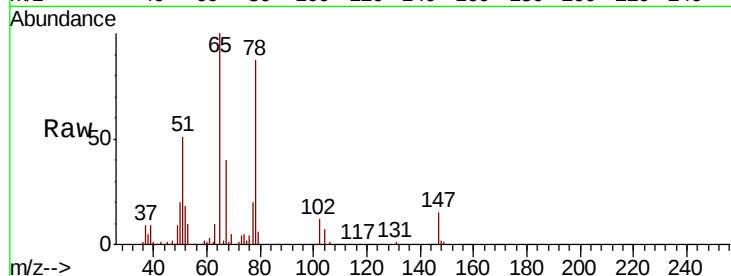
VD0625SBSD01

Tot Ion: 65 Resp: 556391

Ion Ratio Lower Upper

65 100

67 40.0 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

250000

200000

150000

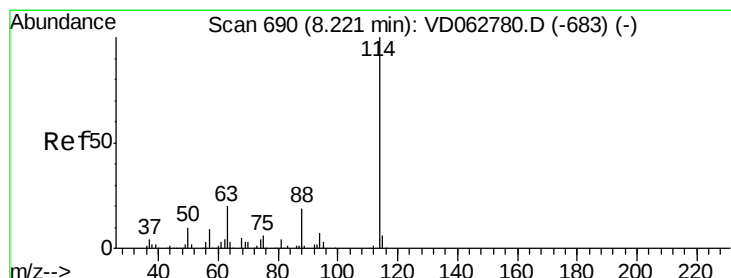
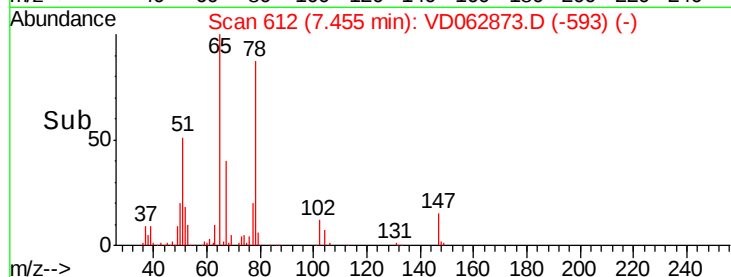
100000

50000

0

7.30 7.40 7.50 7.60 7.70

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

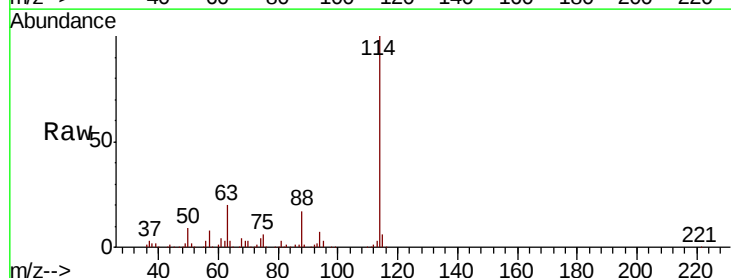
Tgt Ion: 114 Resp: 1182518

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 17.1 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

600000

500000

400000

300000

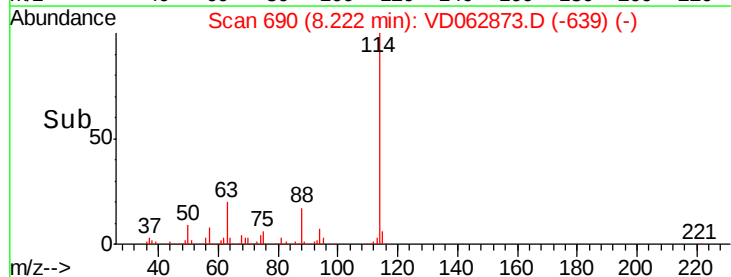
200000

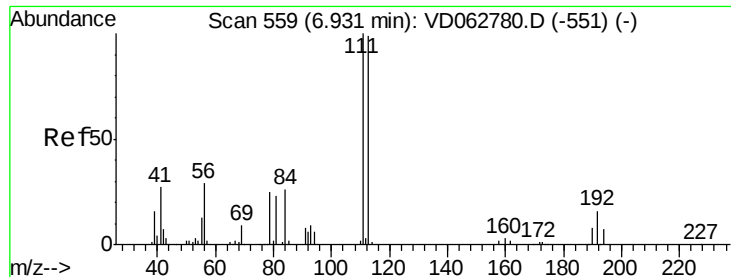
100000

0

8.10 8.20 8.30 8.40 8.50

Time-->

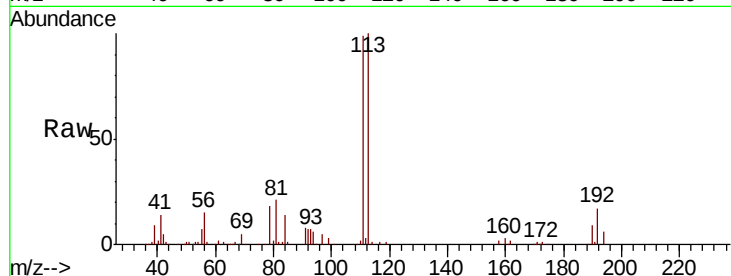




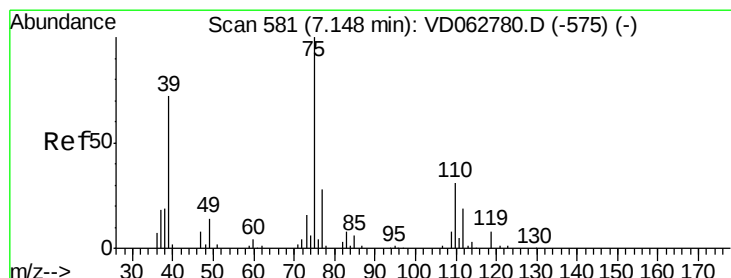
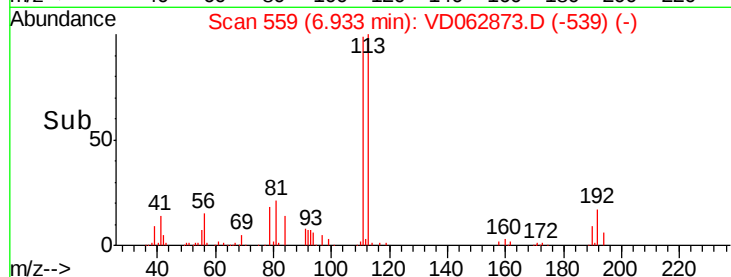
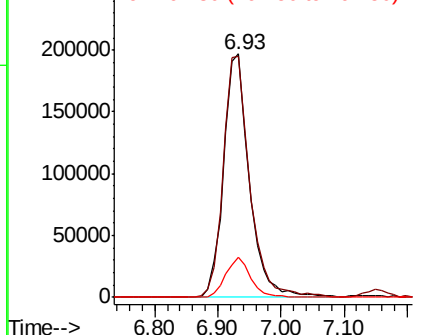
#35
 Dibromofluoromethane
 Concen: 55.924 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD062873.D
 Acq: 25 Jun 2019 12:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	98.9	81.2	121.8
192	16.7	12.9	19.3

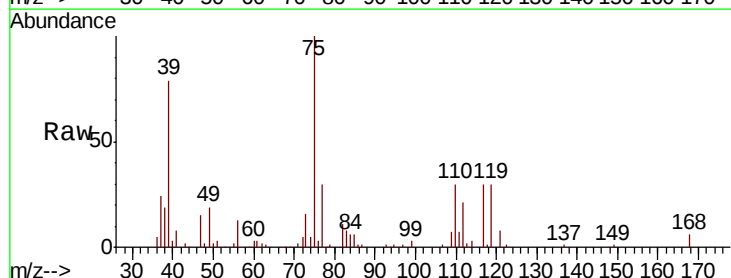


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

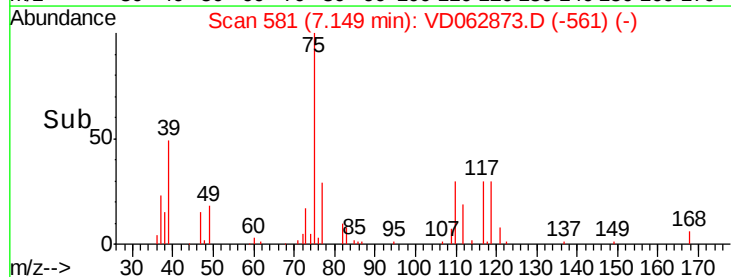
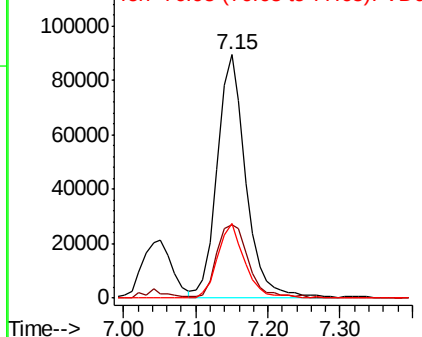


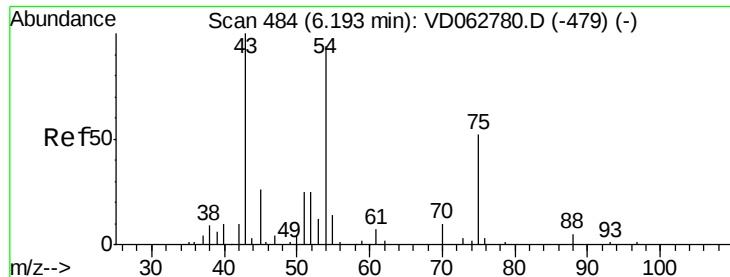
#36
 1,1-Dichloropropene
 Concen: 21.667 ug/l
 RT: 7.15 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: VD062873.D
 Acq: 25 Jun 2019 12:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.0	15.0	45.1
77	30.4	22.2	33.2



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

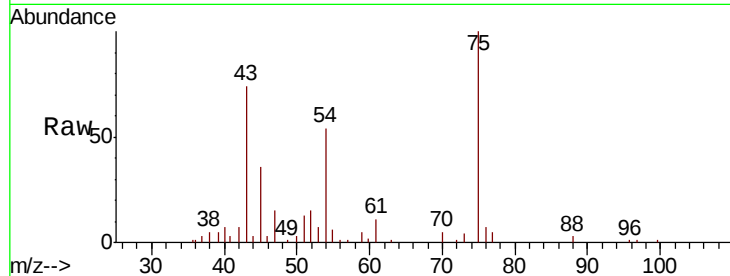




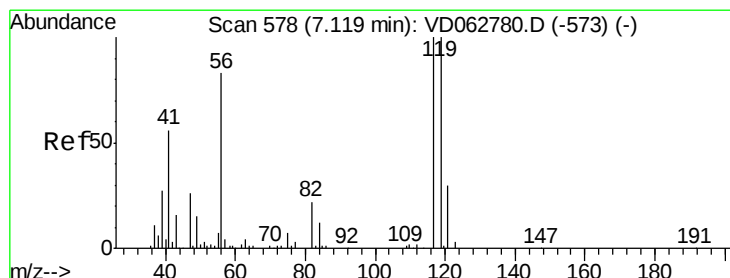
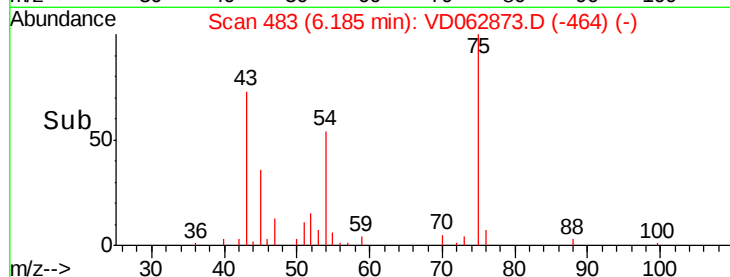
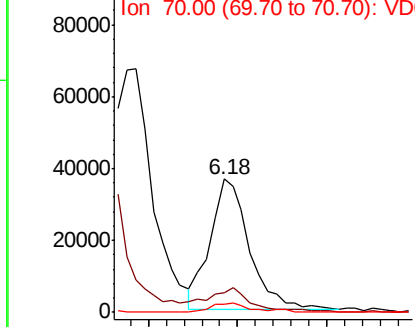
#37
Ethyl Acetate
Concen: 23.193 ug/l
RT: 6.18 min Scan# 483
Delta R.T. -0.01 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Instrument :
MSVOA_D
ClientSampleID :
VD0625SBSD01

Tot Ion: 43 Resp: 111840
Ion Ratio Lower Upper
43 100
61 14.3 11.6 17.4
70 6.2 6.4 9.6#

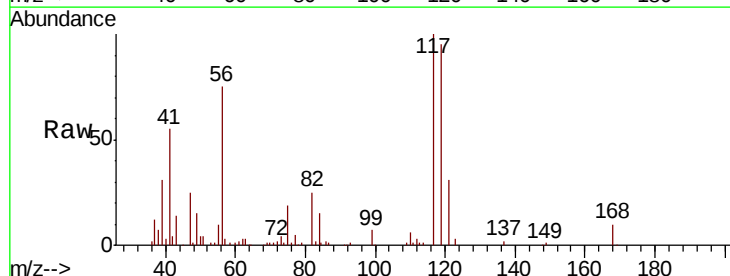


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

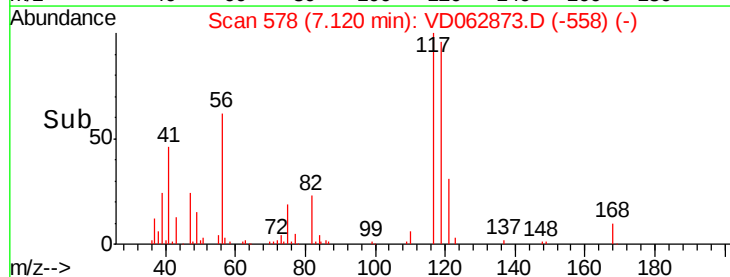
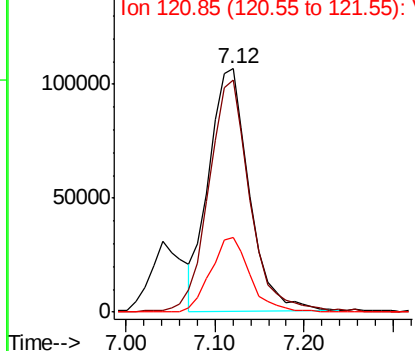


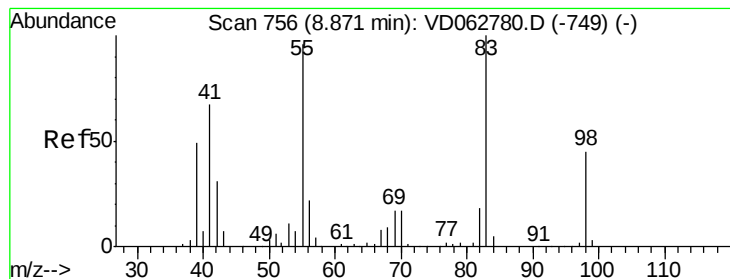
#38
Carbon Tetrachloride
Concen: 19.854 ug/l
RT: 7.12 min Scan# 578
Delta R.T. 0.00 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Tgt Ion: 117 Resp: 334256
Ion Ratio Lower Upper
117 100
119 95.2 75.4 113.2
121 30.7 22.3 33.5



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V





#39

Methvlcvclohexane

Concen: 21.736 ug/l

RT: 8.87 min Scan# 756

Delta R.T. 0.00 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBSD01

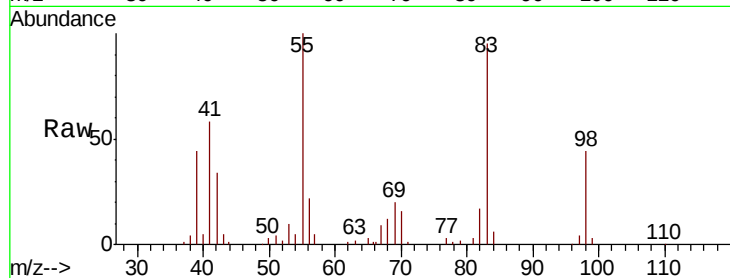
Tot Ion: 83 Resp: 214181

Ion Ratio Lower Upper

83 100

55 105.4 76.6 115.0

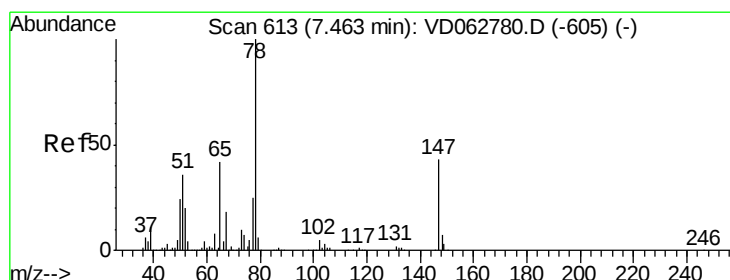
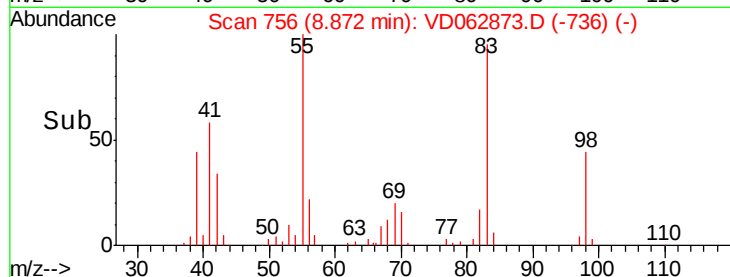
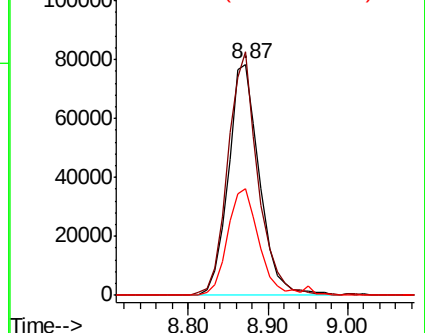
98 46.4 35.7 53.5



Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC



#40

Benzene

Concen: 22.356 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062873.D

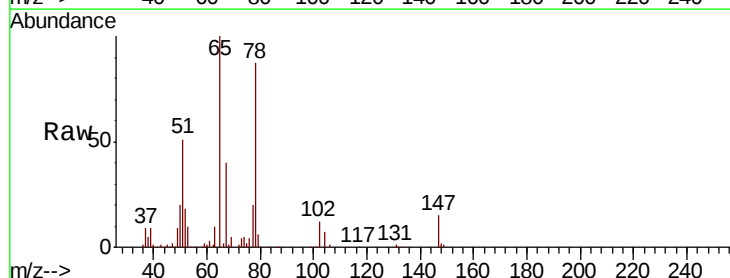
Acq: 25 Jun 2019 12:31

Tgt Ion: 78 Resp: 502333

Ion Ratio Lower Upper

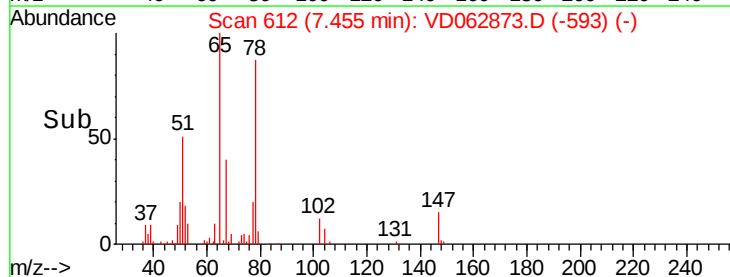
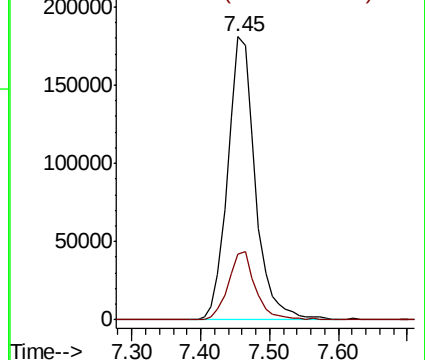
78 100

77 23.3 20.2 30.2



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC

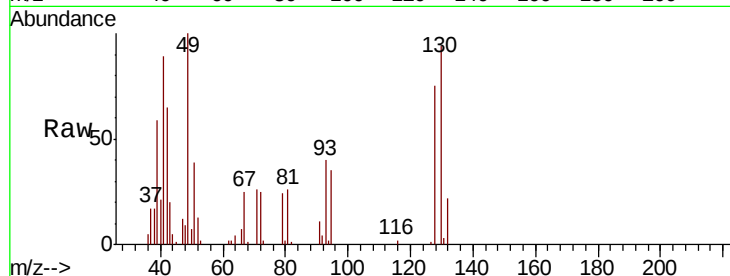




#41
Methacrylonitrile
Concen: 23.557 ug/l
RT: 6.45 min Scan# 510
Delta R.T. 0.00 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	66.1	43.2	64.8#
67	27.7	19.9	29.9
52	14.4	10.2	15.4



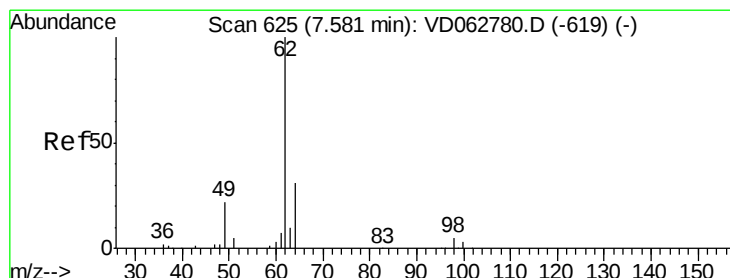
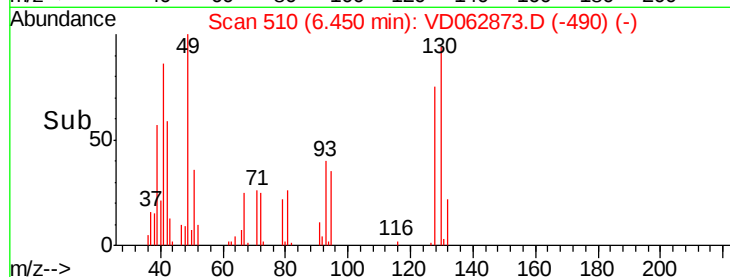
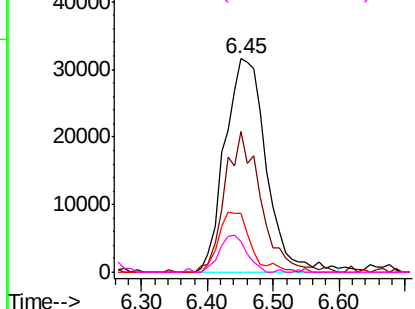
Abundance

Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

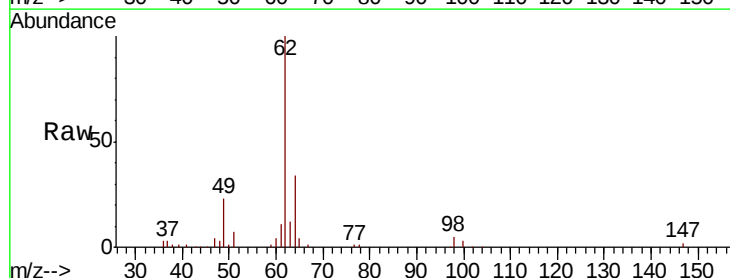
Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42
1,2-Dichloroethane
Concen: 22.688 ug/l
RT: 7.58 min Scan# 625
Delta R.T. 0.00 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

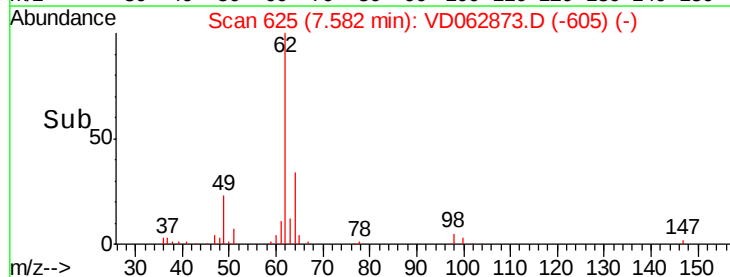
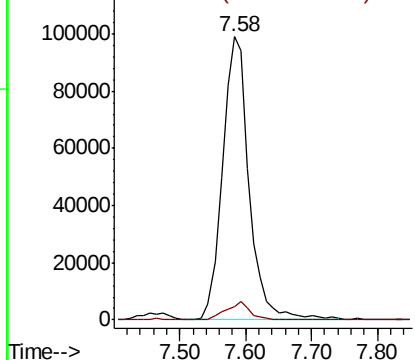
Tgt Ion	Ratio	Lower	Upper
62	100		
98	4.9	0.0	10.0



Abundance

Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 26.183 ug/l

RT: 9.25 min Scan# 794

Delta R.T. 0.00 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBS01

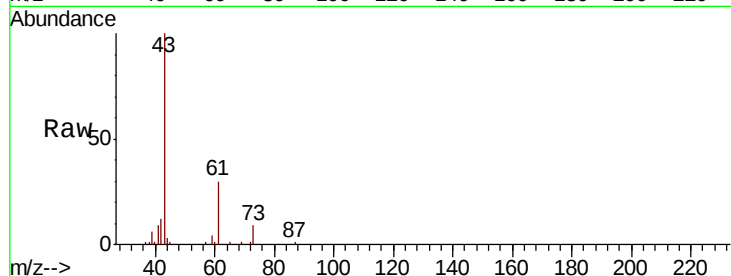
Tot Ion: 43 Resp: 153663

Ion Ratio Lower Upper

43 100

61 30.1 22.4 33.6

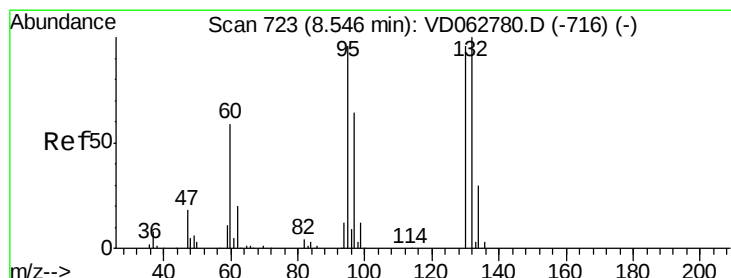
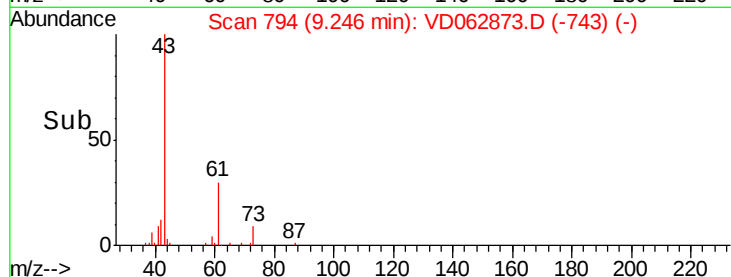
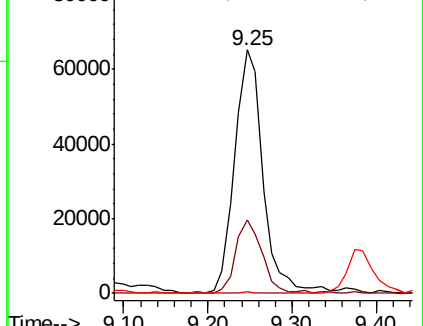
87 0.5 0.3 0.5#



Abundance Ion 42.95 (42.65 to 43.65): VD062873.D (-743) (-)

Ion 60.95 (60.65 to 61.65): VD062873.D (-743) (-)

Ion 87.00 (86.70 to 87.70): VD062873.D (-743) (-)



#44

Trichloroethene

Concen: 22.997 ug/l

RT: 8.55 min Scan# 723

Delta R.T. 0.00 min

Lab File: VD062873.D

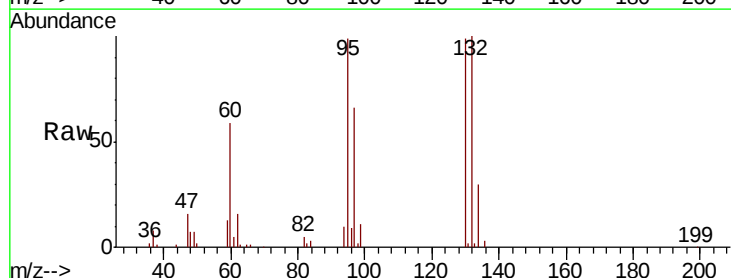
Acq: 25 Jun 2019 12:31

Tgt Ion: 130 Resp: 202583

Ion Ratio Lower Upper

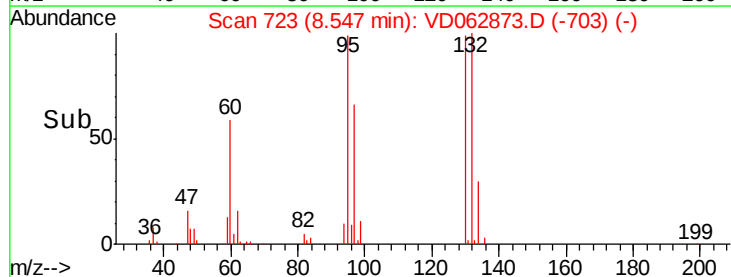
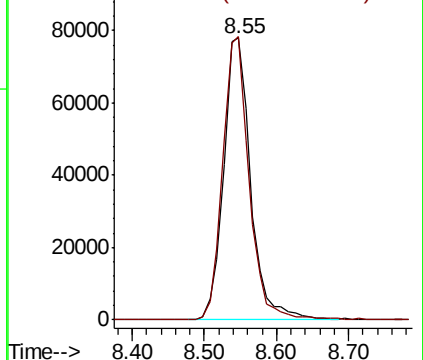
130 100

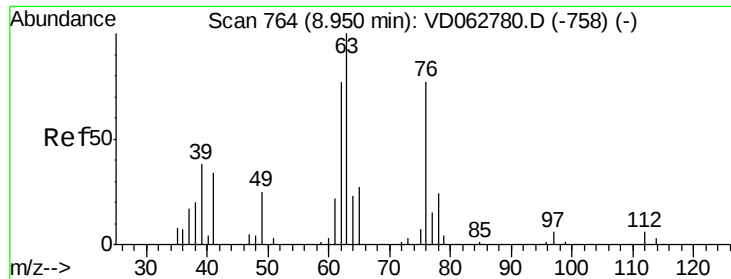
95 100.5 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): VD062873.D (-703) (-)

Ion 94.90 (94.60 to 95.60): VD062873.D (-703) (-)





#45

1,2-Dichloropropane

Concen: 20.553 ug/l

RT: 8.94 min Scan# 763

Delta R.T. -0.01 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

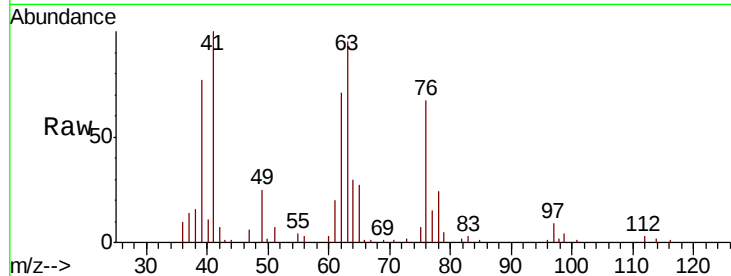
VD0625SBSD01

Tot Ion: 63 Resp: 114837

Ion Ratio Lower Upper

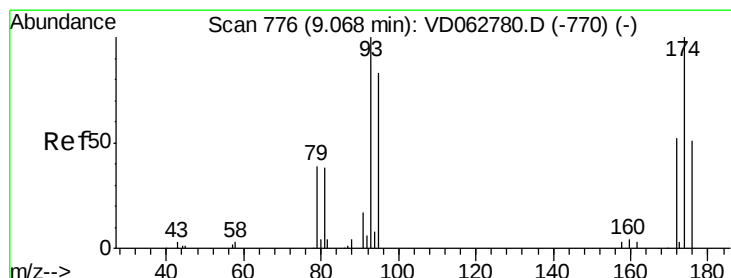
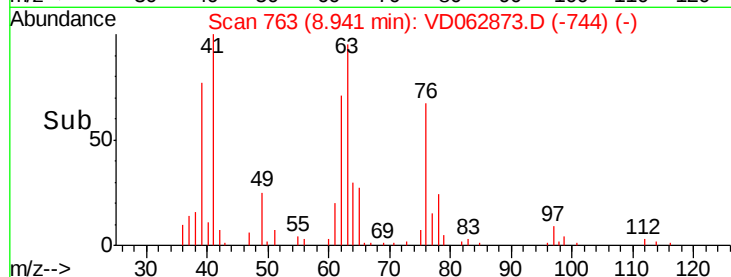
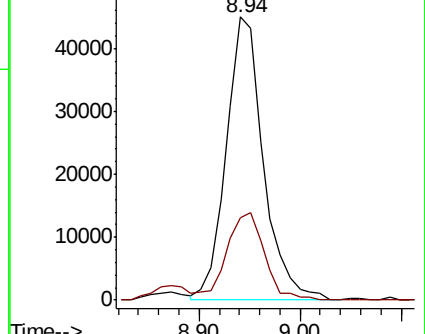
63 100

65 28.9 24.2 36.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 22.450 ug/l

RT: 9.07 min Scan# 776

Delta R.T. 0.00 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

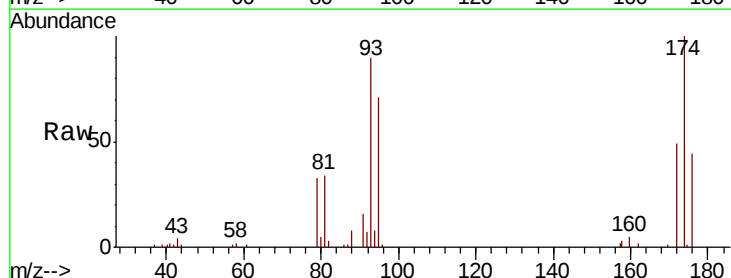
Tgt Ion: 93 Resp: 107753

Ion Ratio Lower Upper

93 100

95 79.2 66.6 100.0

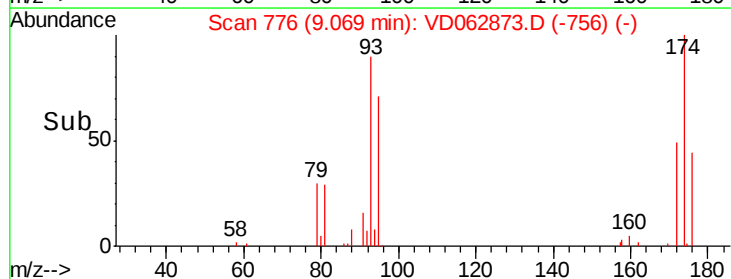
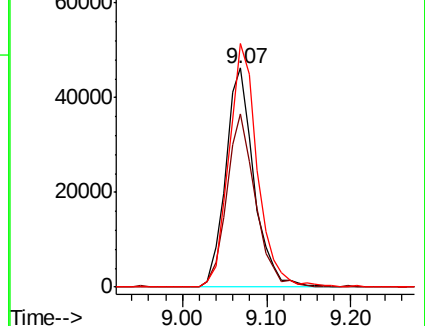
174 111.2 79.7 119.5

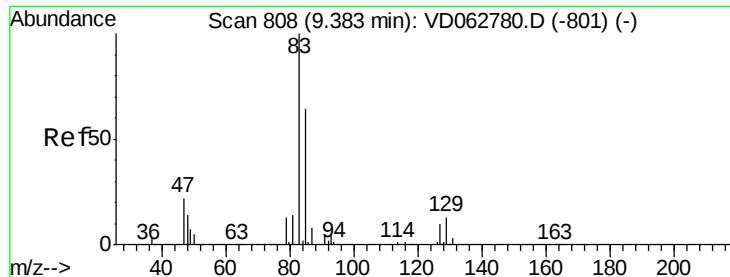


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 21.263 ug/l

RT: 9.38 min Scan# 808

Delta R.T. 0.00 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBSD01

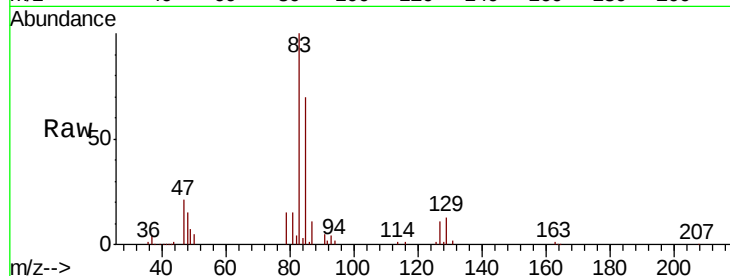
Tot Ion: 83 Resp: 265047

Ion Ratio Lower Upper

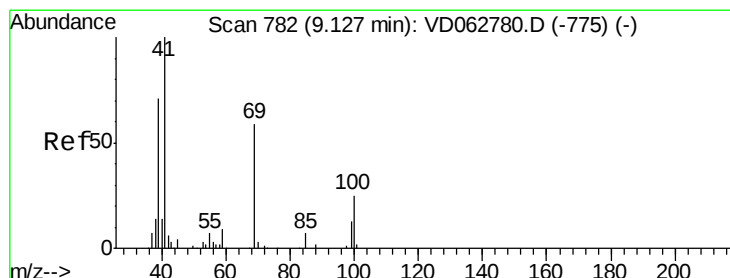
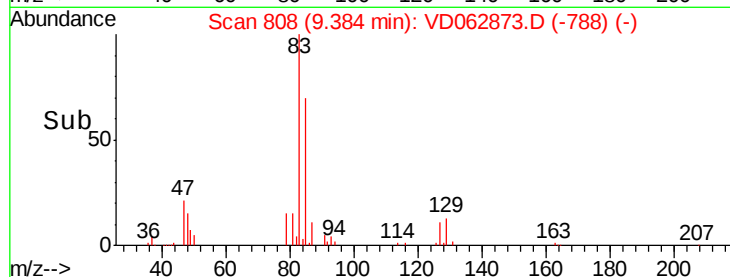
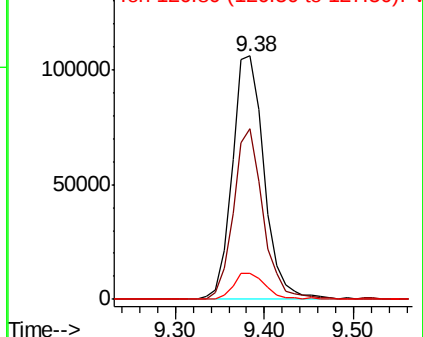
83 100

85 69.8 51.6 77.4

127 10.7 7.8 11.6



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: 24.467 ug/l

RT: 9.13 min Scan# 782

Delta R.T. 0.00 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

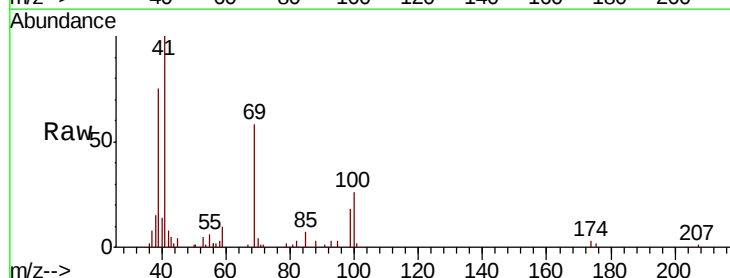
Tgt Ion: 41 Resp: 102039

Ion Ratio Lower Upper

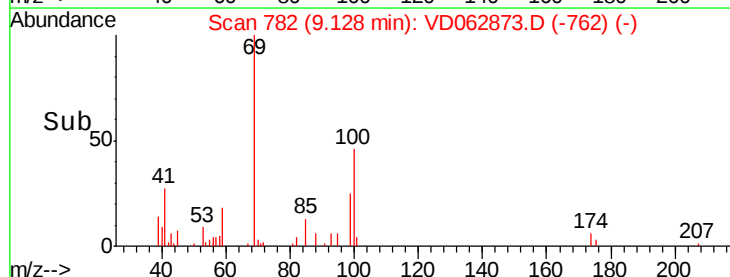
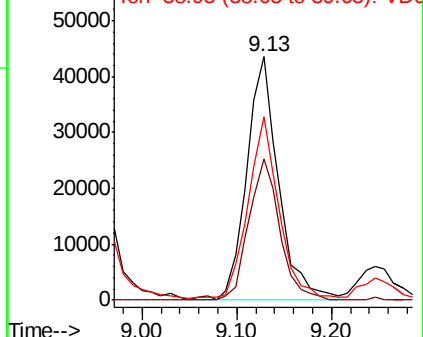
41 100

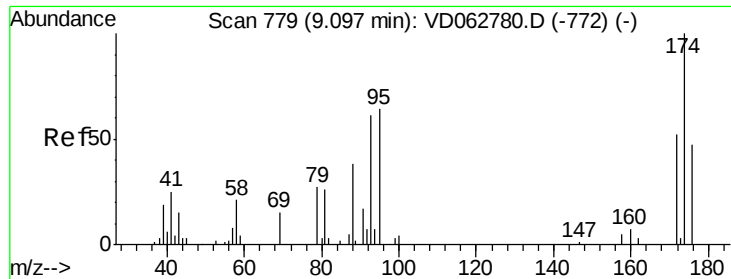
69 58.0 47.2 70.8

39 75.3 57.4 86.2



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

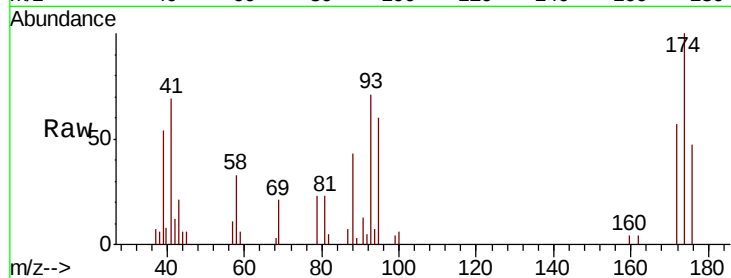




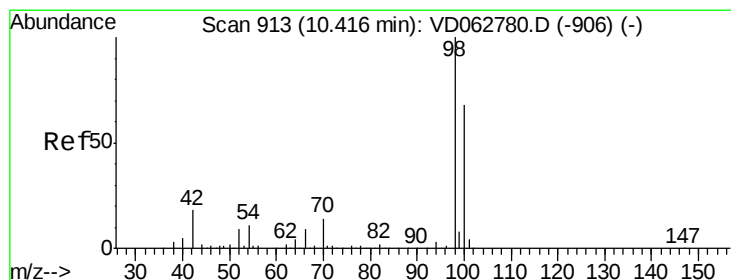
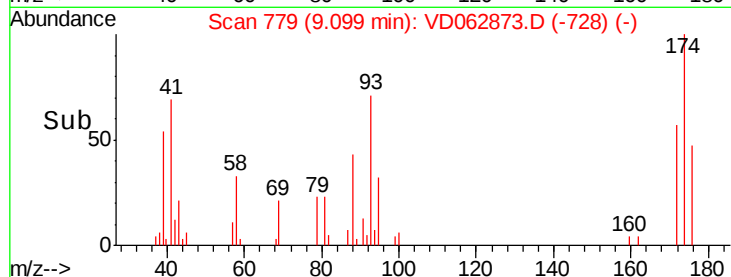
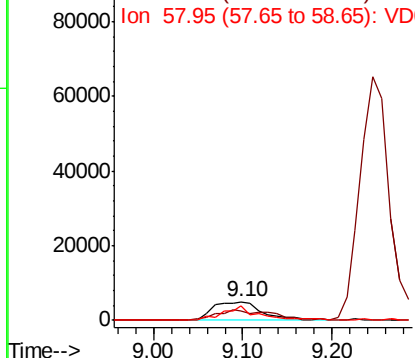
#49
1,4-Dioxane
Concen: 553.762 ug/l
RT: 9.10 min Scan# 779
Delta R.T. 0.00 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBSD01

Tot Ion: 88 Resp: 19214
Ion Ratio Lower Upper
88 100
43 48.4 32.1 48.1#
58 76.5 44.1 66.1#

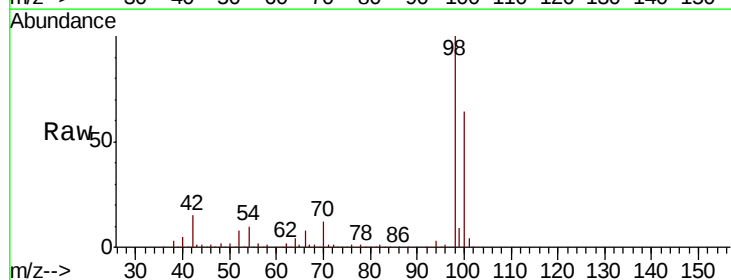


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

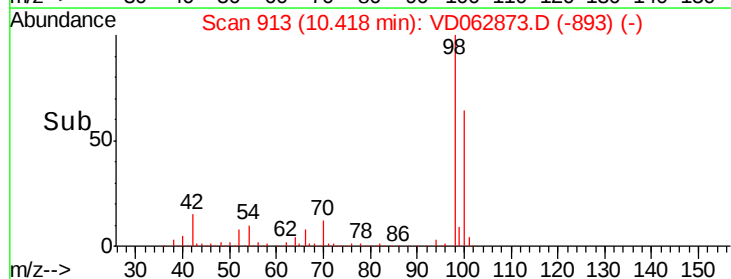
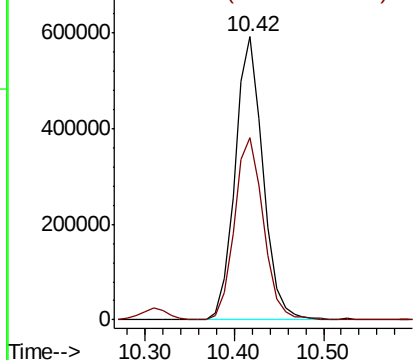


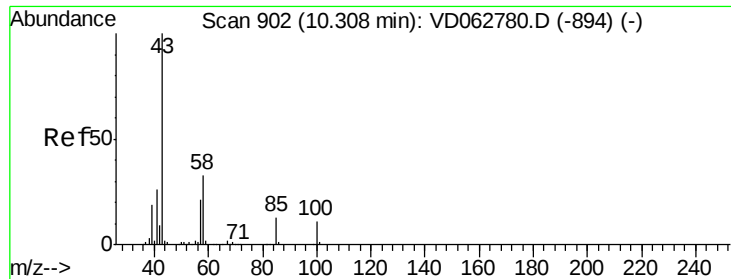
#50
Toluene-d8
Concen: 59.436 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Tgt Ion: 98 Resp: 1289835
Ion Ratio Lower Upper
98 100
100 64.4 54.7 82.1



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

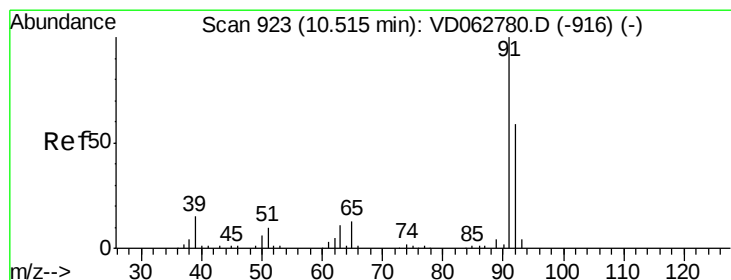
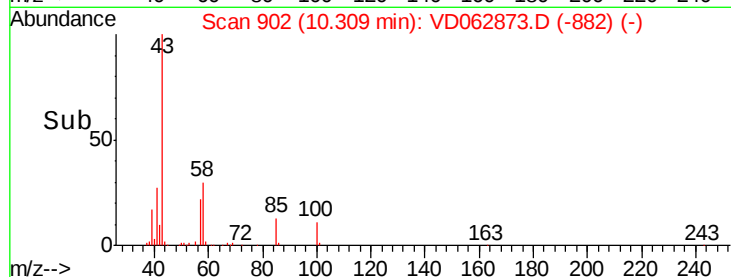
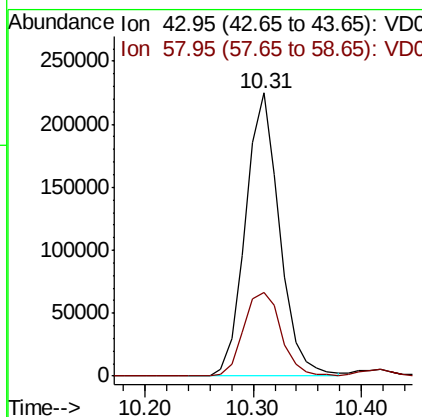
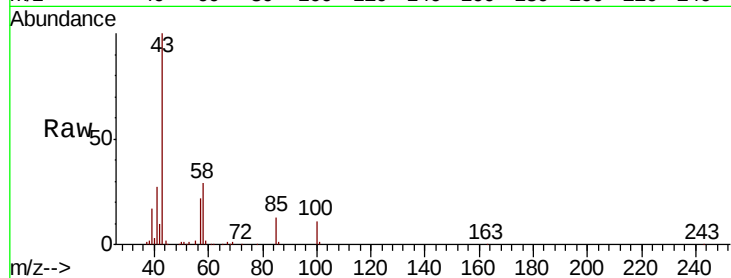




#51
4-Methyl-2-Pentanone
Concen: 118.109 ug/l
RT: 10.31 min Scan# 902
Delta R.T. 0.00 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

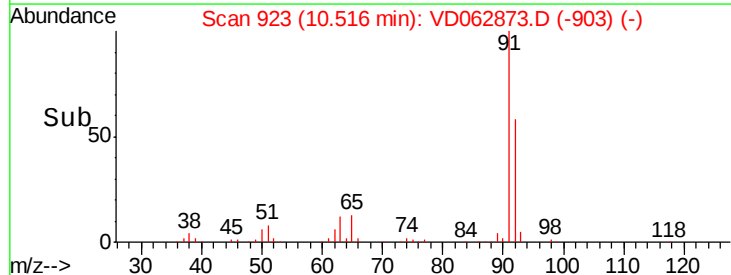
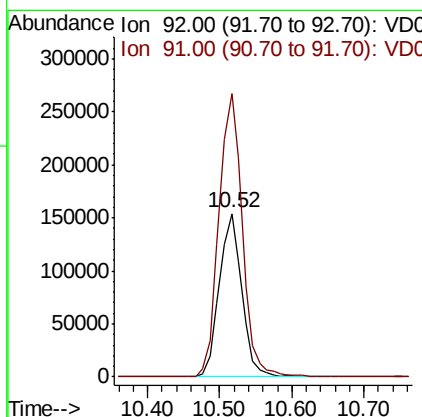
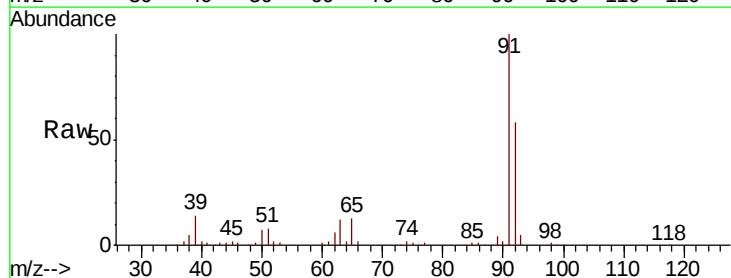
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBSD01

Tot Ion: 43 Resp: 491440
Ion Ratio Lower Upper
43 100
58 29.5 26.6 40.0



#52
Toluene
Concen: 22.002 ug/l
RT: 10.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Tgt Ion: 92 Resp: 332330
Ion Ratio Lower Upper
92 100
91 172.9 136.3 204.5

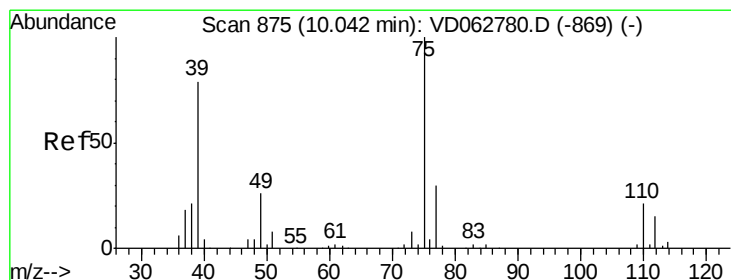
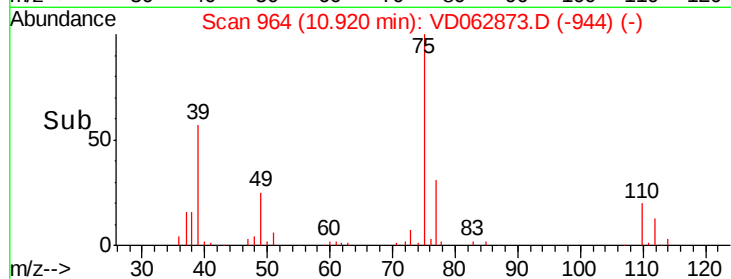
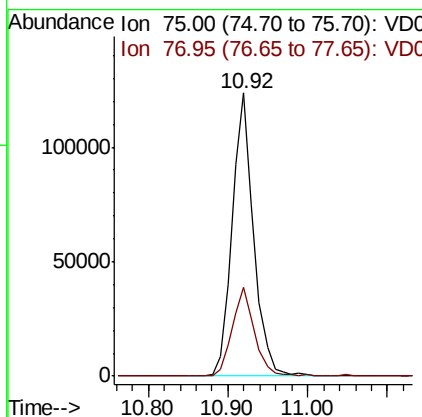
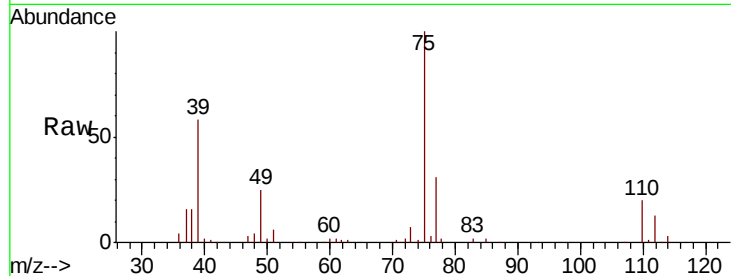




#53
 t-1,3-Dichloropropene
 Concen: 22.828 ug/l
 RT: 10.92 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: VD062873.D
 Acq: 25 Jun 2019 12:31

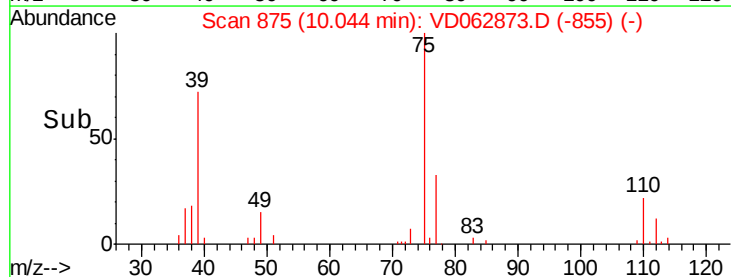
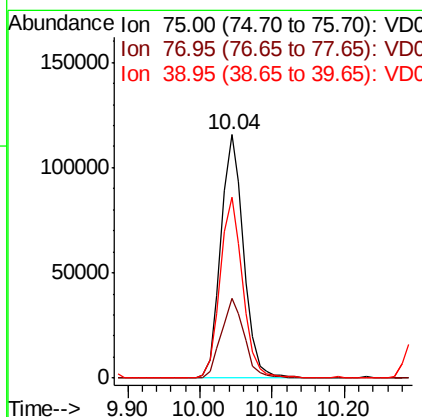
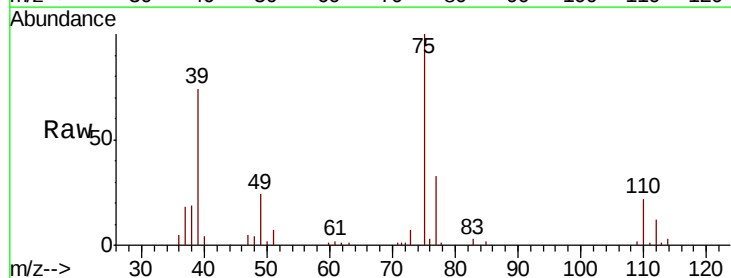
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBSD01

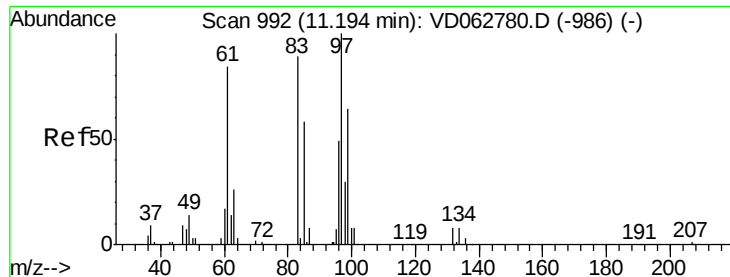
Tot Ion: 75 Resp: 232900
 Ion Ratio Lower Upper
 75 100
 77 31.3 23.2 34.8



#54
 cis-1,3-Dichloropropene
 Concen: 22.751 ug/l
 RT: 10.04 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: VD062873.D
 Acq: 25 Jun 2019 12:31

Tgt Ion: 75 Resp: 252291
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.2 36.2
 39 74.4 63.5 95.3

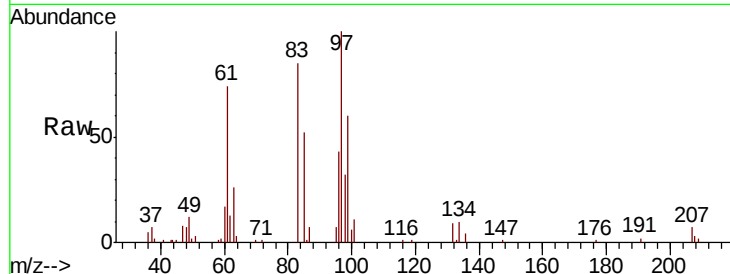




#55
 1,1,2-Trichloroethane
 Concen: 21.675 ug/l
 RT: 11.20 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VD062873.D
 Acq: 25 Jun 2019 12:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBSD01

Tot Ion:	97	Resp:	112479
Ion	Ratio	Lower	Upper
97	100		
83	85.5	71.0	106.4
85	52.1	46.6	69.8
99	60.5	51.4	77.0



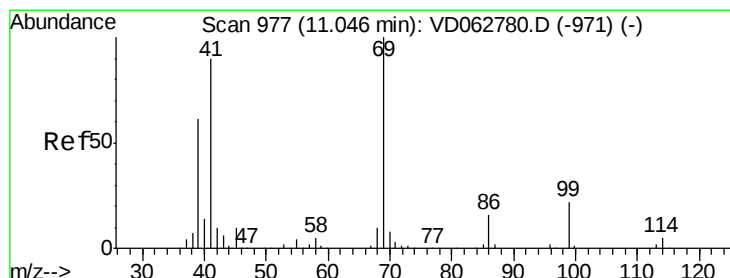
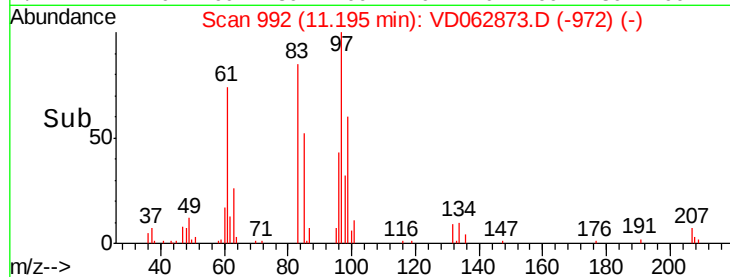
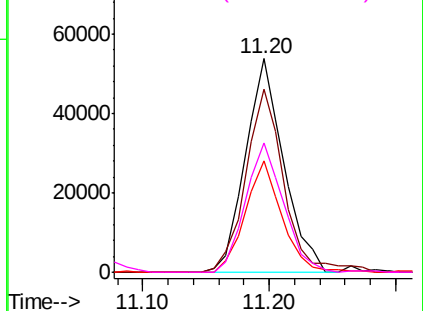
Abundance

Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

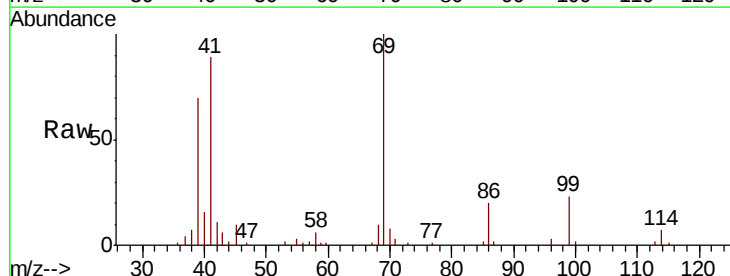
Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56
 Ethyl methacrylate
 Concen: 23.756 ug/l
 RT: 11.05 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: VD062873.D
 Acq: 25 Jun 2019 12:31

Tgt Ion:	69	Resp:	131748
Ion	Ratio	Lower	Upper
69	100		
41	89.1	72.0	108.0
39	69.8	49.5	74.3

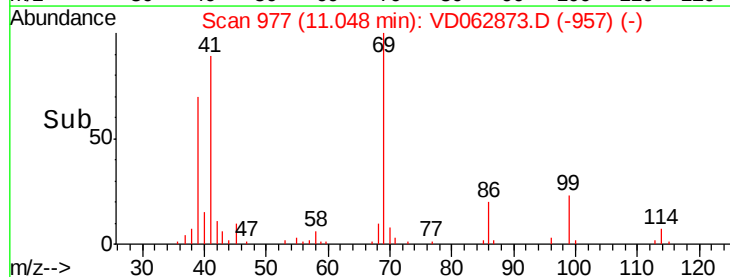
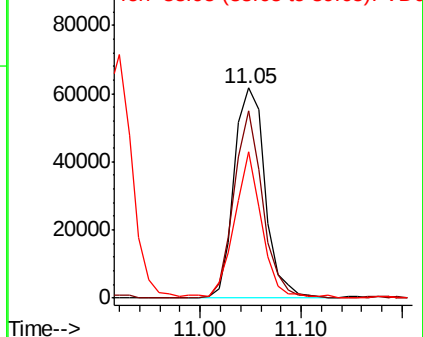


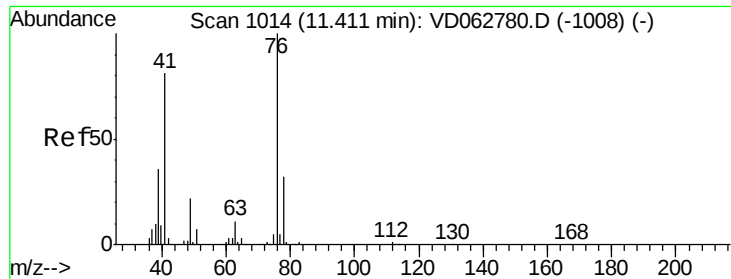
Abundance

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: 21.897 ug/l

RT: 11.41 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

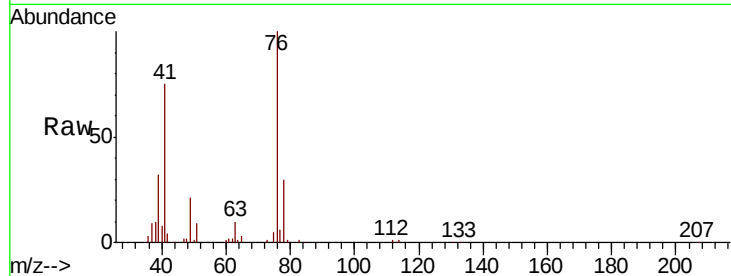
VD0625SBSD01

Tot Ion: 76 Resp: 173991

Ion Ratio Lower Upper

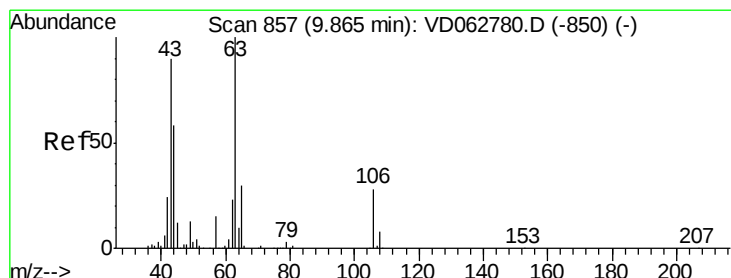
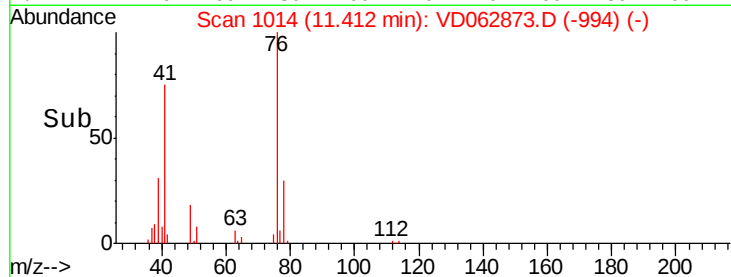
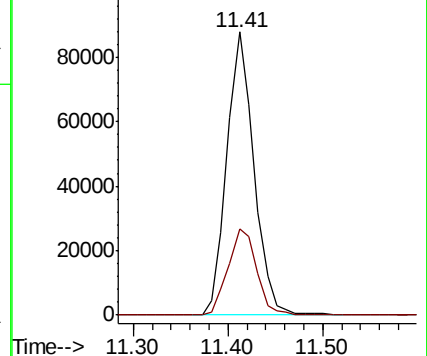
76 100

78 30.4 25.4 38.0



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 118.147 ug/l

RT: 9.87 min Scan# 857

Delta R.T. 0.00 min

Lab File: VD062873.D

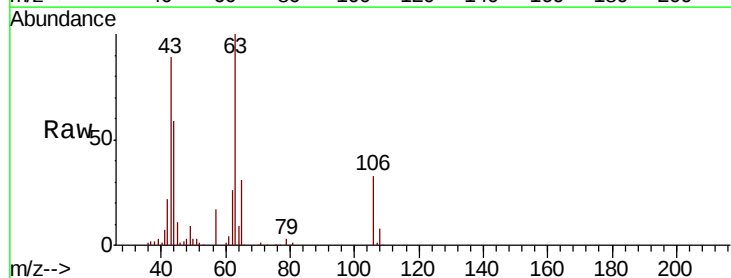
Acq: 25 Jun 2019 12:31

Tgt Ion: 63 Resp: 336379

Ion Ratio Lower Upper

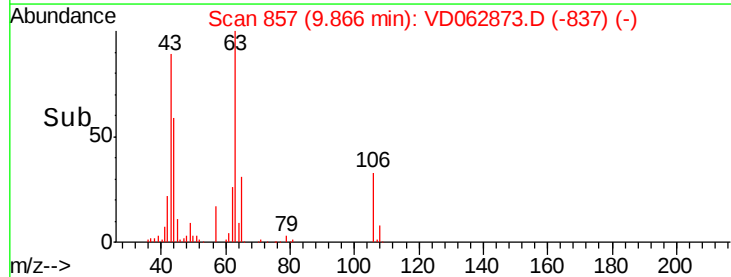
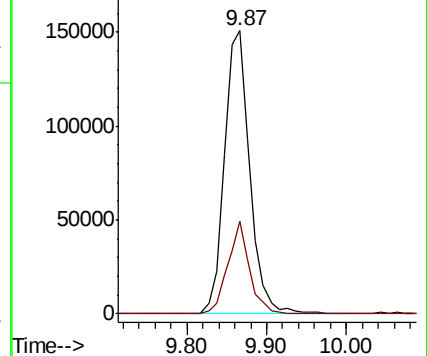
63 100

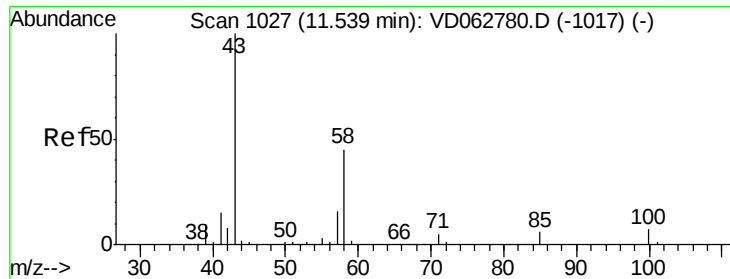
106 32.5 22.1 33.1



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

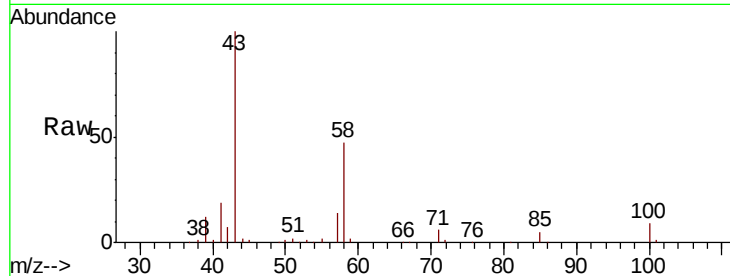




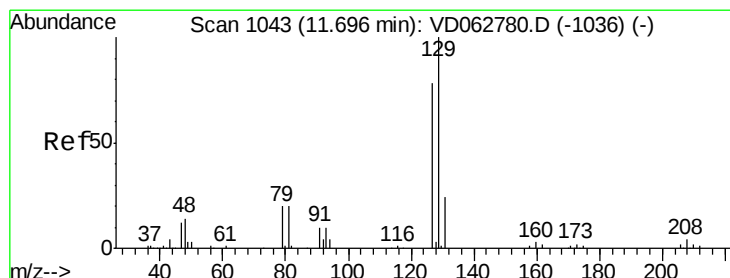
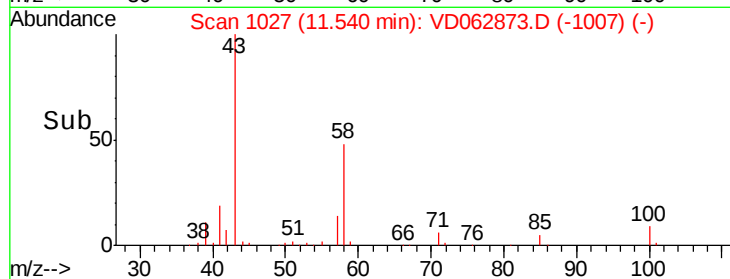
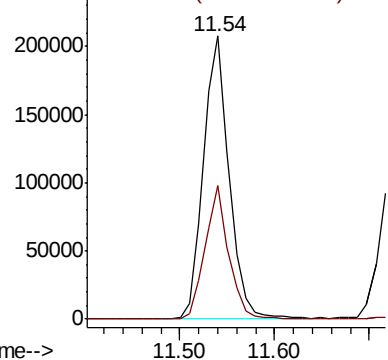
#59
2-Hexanone
Concen: 131.639 ug/l
RT: 11.54 min Scan# 1027
Delta R.T. 0.00 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBSD01

Tot Ion: 43 Resp: 390092
Ion Ratio Lower Upper
43 100
58 47.4 22.4 67.2

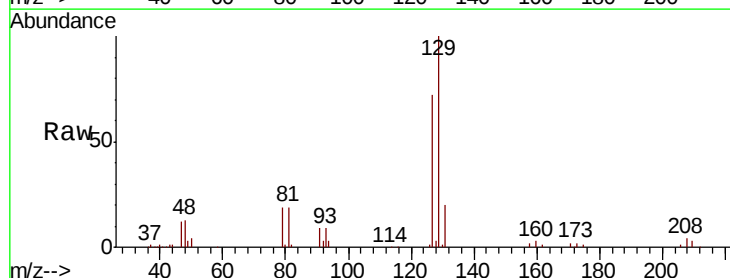


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

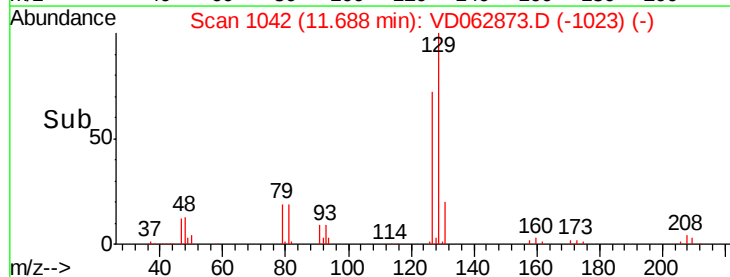
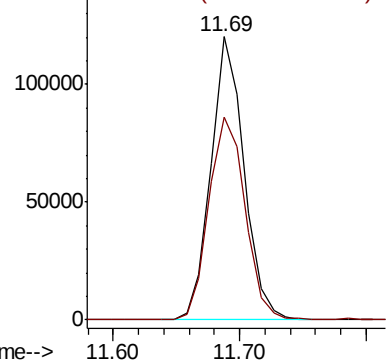


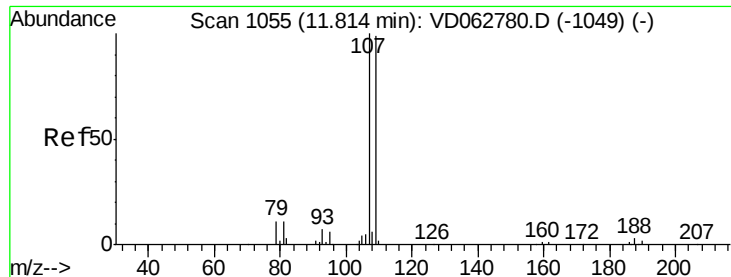
#60
Dibromochloromethane
Concen: 22.497 ug/l
RT: 11.69 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Tgt Ion: 129 Resp: 217453
Ion Ratio Lower Upper
129 100
127 71.7 38.9 116.6



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 24.655 ug/l

RT: 11.81 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

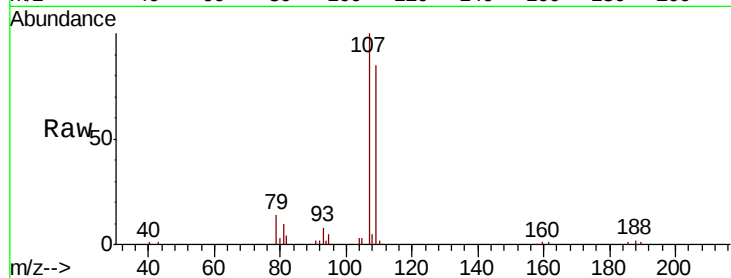
VD0625SBSD01

Tot Ion:107 Resp: 151108

Ion Ratio Lower Upper

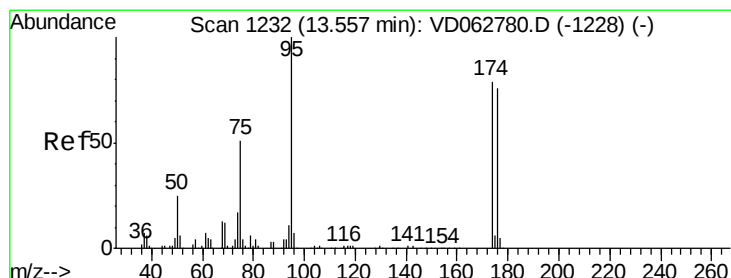
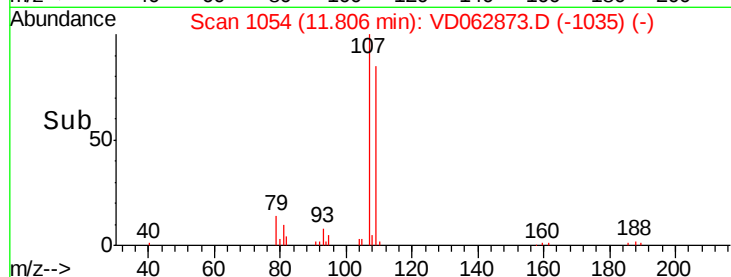
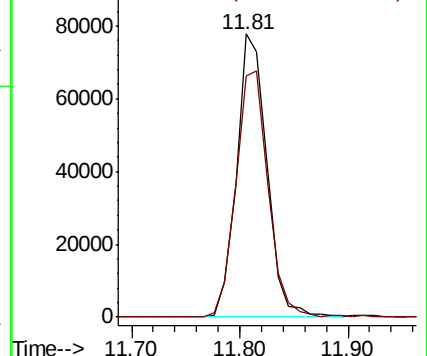
107 100

109 85.3 79.3 118.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 55.894 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

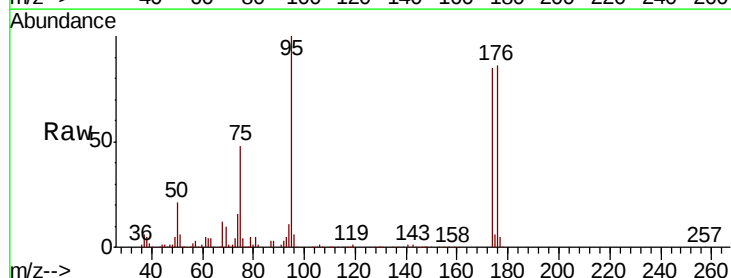
Tgt Ion: 95 Resp: 551548

Ion Ratio Lower Upper

95 100

174 84.7 0.0 158.0

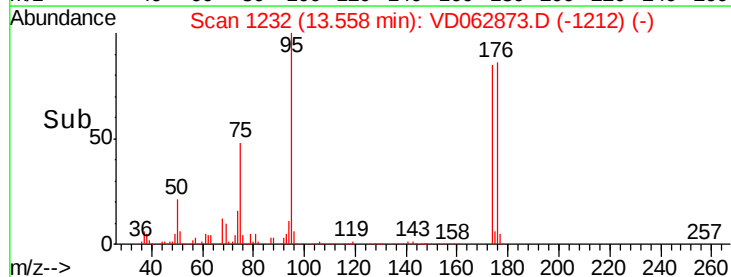
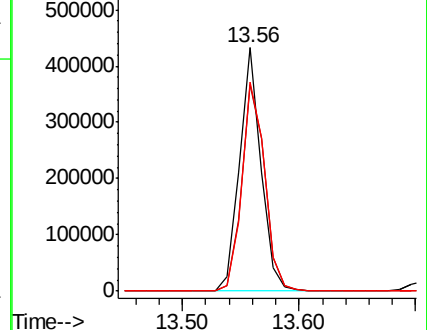
176 85.9 0.0 151.6

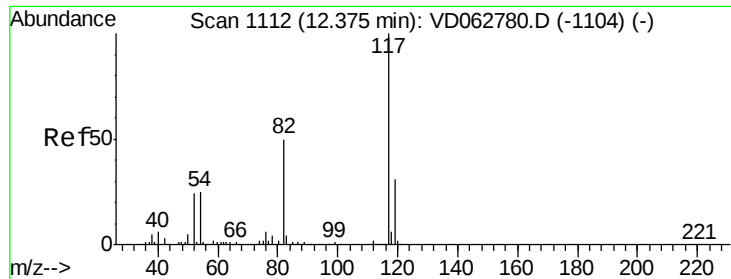


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

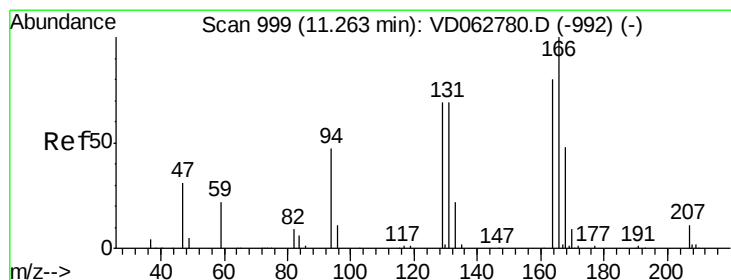
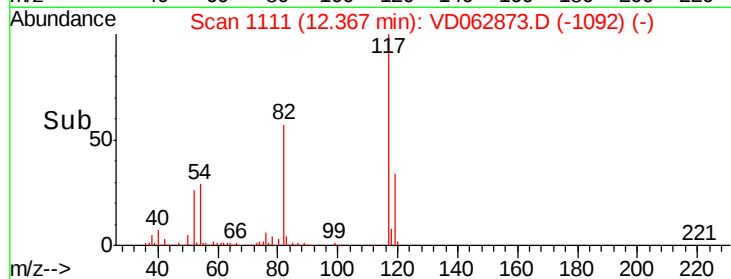
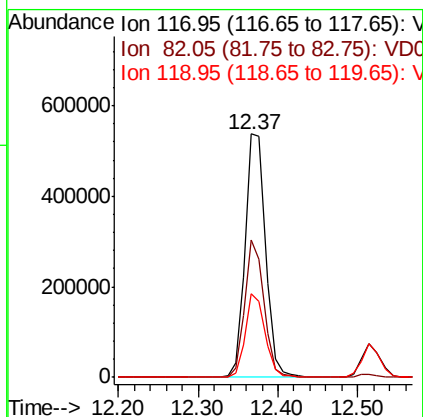
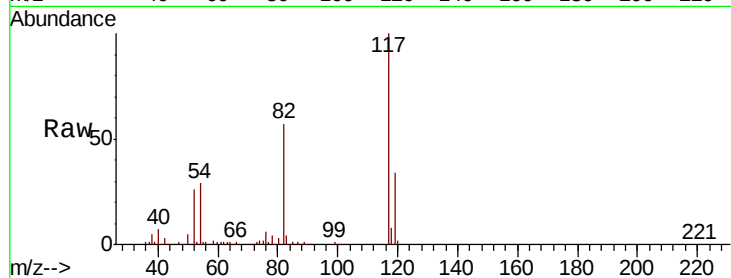




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

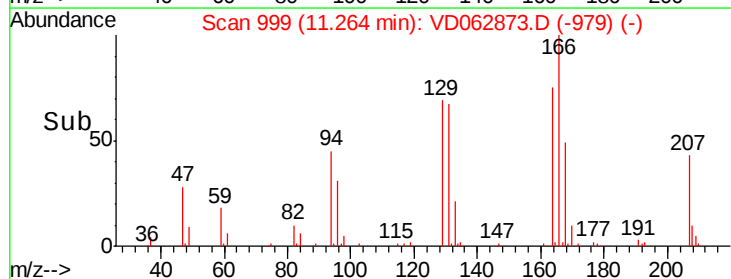
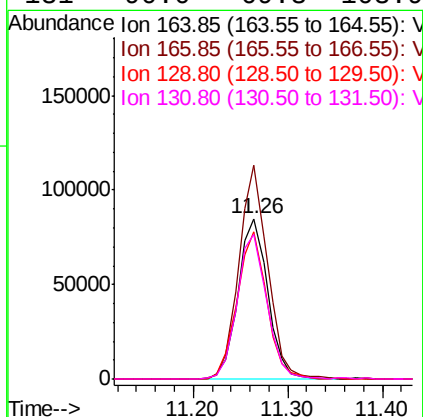
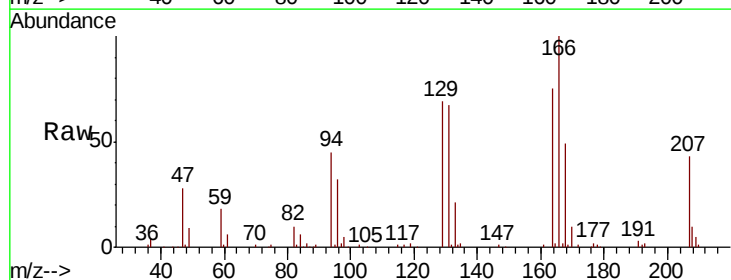
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBSD01

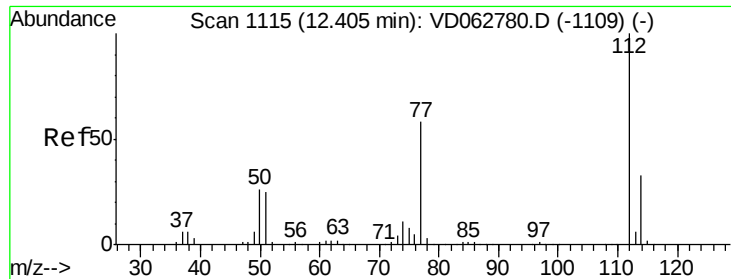
Tot Ion:117 Resp: 948807
Ion Ratio Lower Upper
117 100
82 56.6 40.4 60.6
119 34.2 25.2 37.8



#64
Tetrachloroethene
Concen: 23.569 ug/l
RT: 11.26 min Scan# 999
Delta R.T. 0.00 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Tgt Ion:164 Resp: 184046
Ion Ratio Lower Upper
164 100
166 133.4 100.6 150.8
129 92.2 69.4 104.0
131 90.0 69.3 103.9

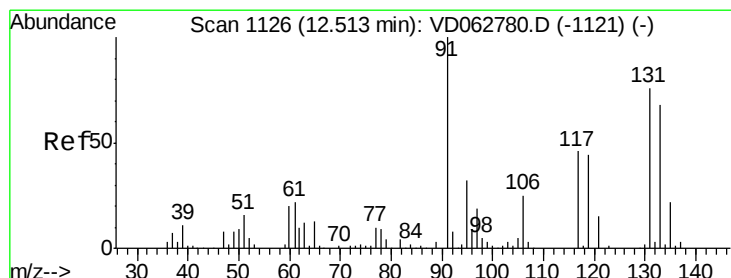
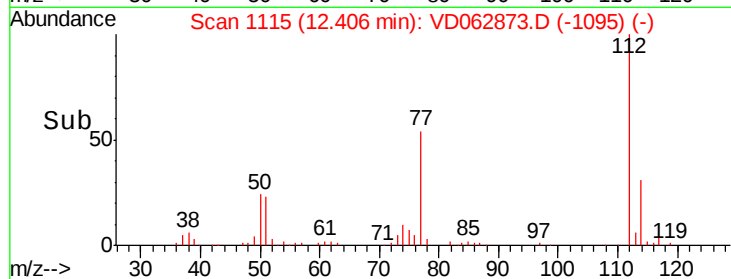
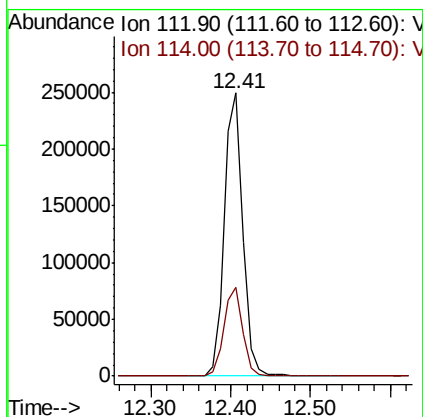
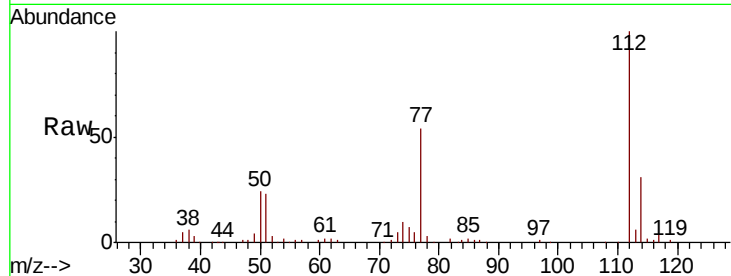




#65
Chlorobenzene
Concen: 23.130 ug/l
RT: 12.41 min Scan# 1115
Delta R.T. 0.00 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

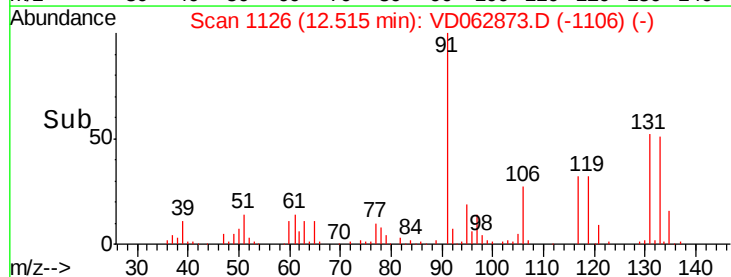
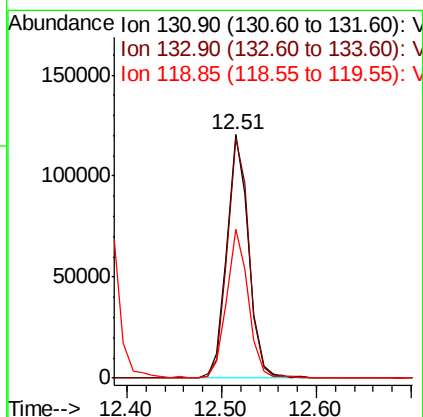
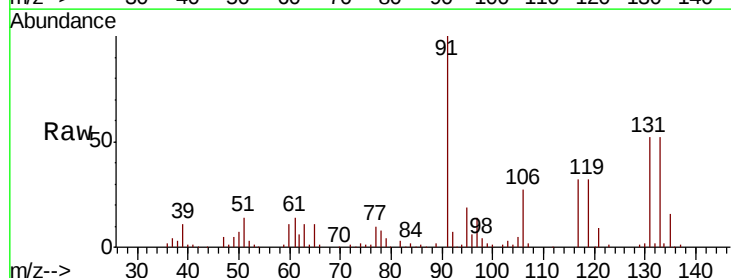
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBSD01

Tot Ion:112 Resp: 407298
Ion Ratio Lower Upper
112 100
114 31.2 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 23.366 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. 0.00 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Tgt Ion:131 Resp: 192415
Ion Ratio Lower Upper
131 100
133 98.6 44.5 133.3
119 61.1 28.6 85.9

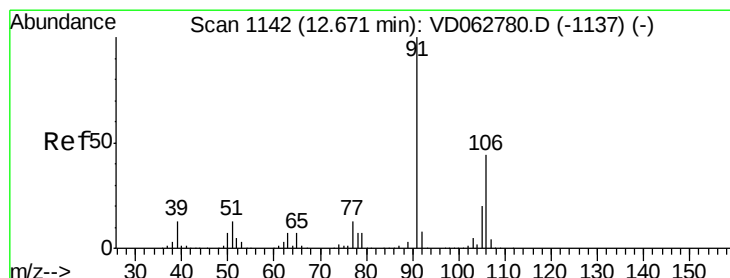
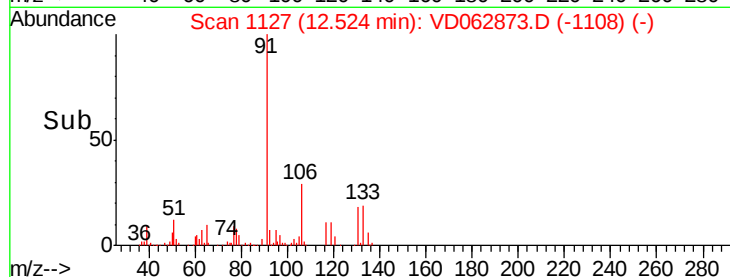
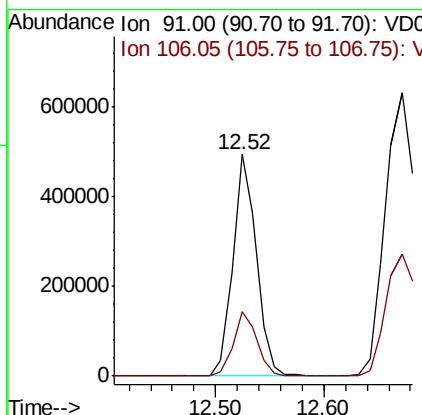
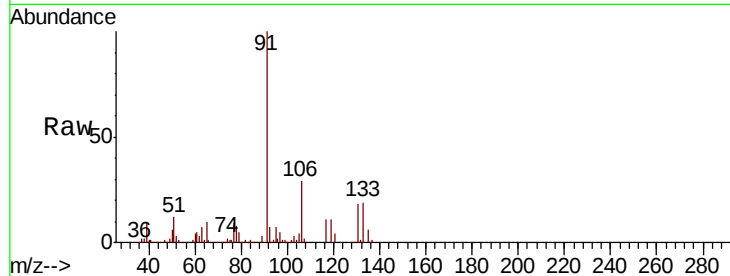




#67
Ethyl Benzene
Concen: 23.724 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

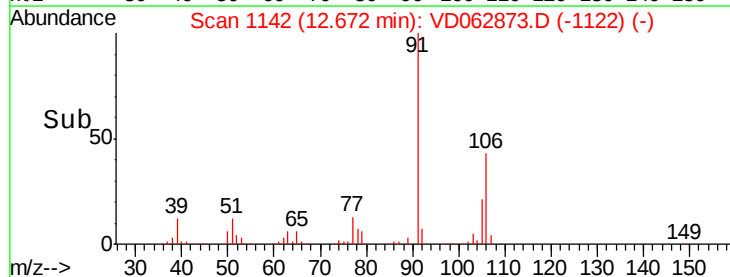
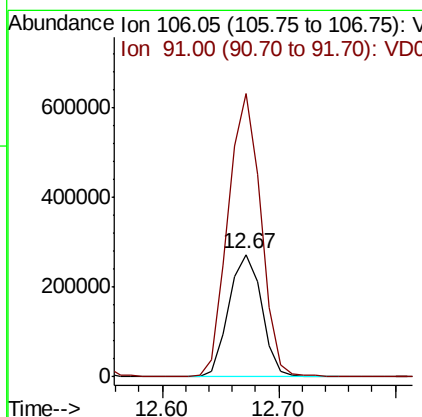
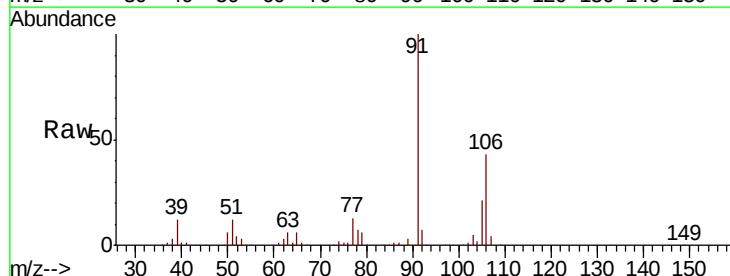
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBSD01

Tot Ion: 91 Resp: 750031
Ion Ratio Lower Upper
91 100
106 29.1 23.1 34.7



#68
m/p-Xylenes
Concen: 48.737 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Tgt Ion: 106 Resp: 536652
Ion Ratio Lower Upper
106 100
91 230.6 183.0 274.6

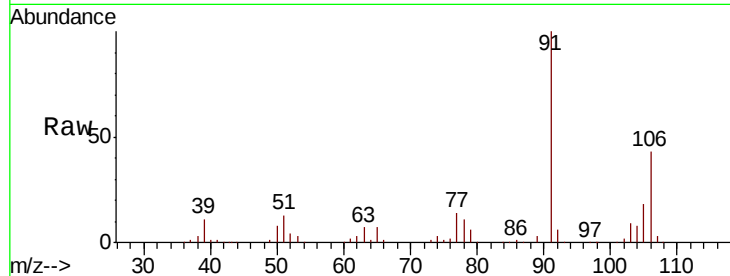




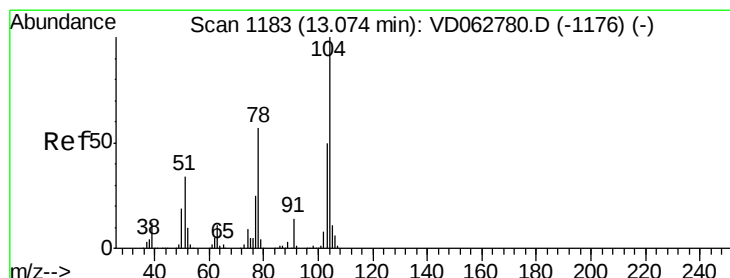
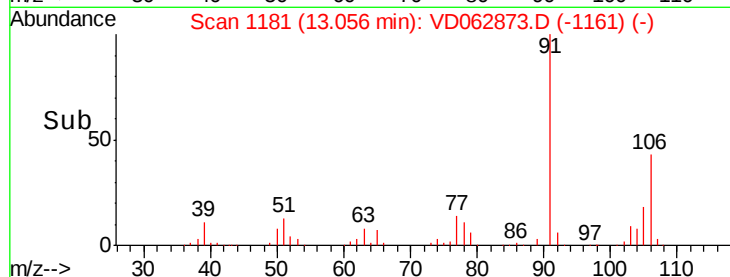
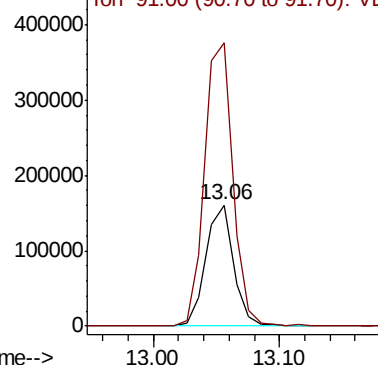
#69
o-Xylene
Concen: 24.005 ug/l
RT: 13.06 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBSD01

Tot Ion:106 Resp: 241634
Ion Ratio Lower Upper
106 100
91 233.1 117.9 353.6

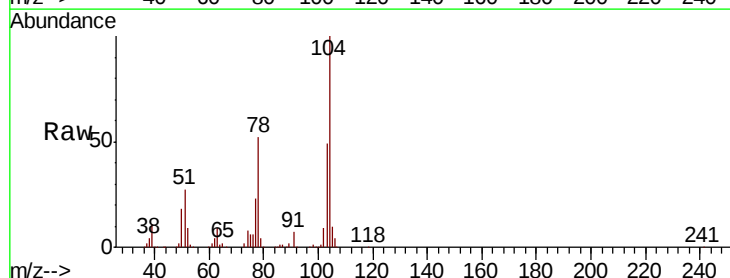


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

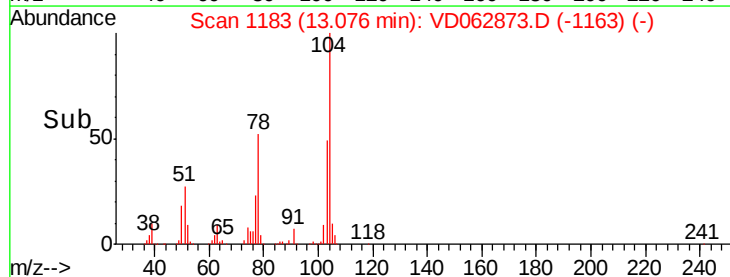
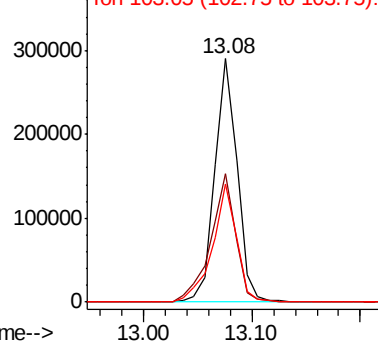


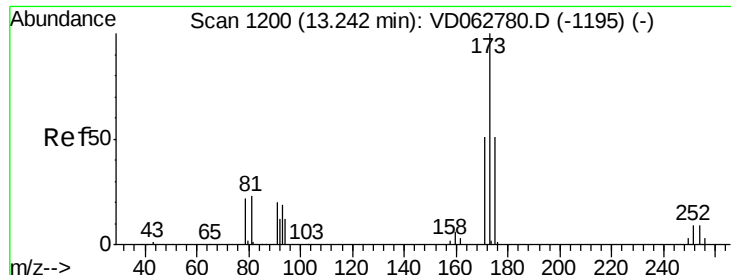
#70
Styrene
Concen: 23.569 ug/l
RT: 13.08 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Tgt Ion:104 Resp: 416697
Ion Ratio Lower Upper
104 100
78 52.5 45.4 68.2
103 48.8 39.7 59.5



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

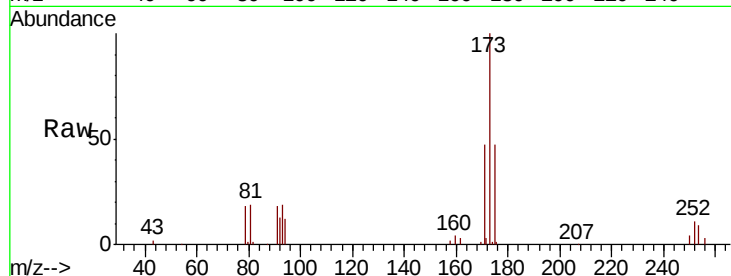




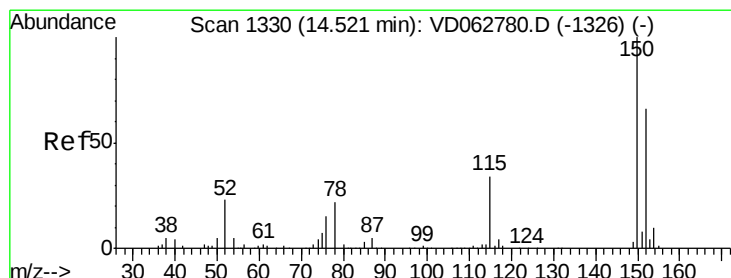
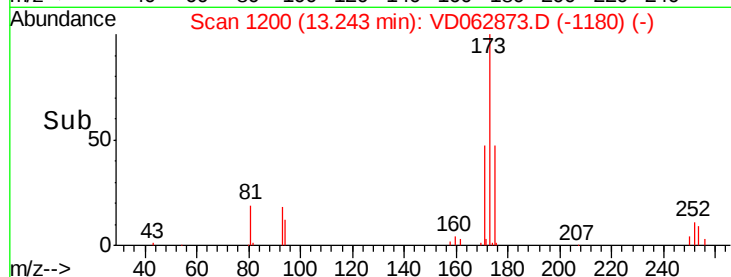
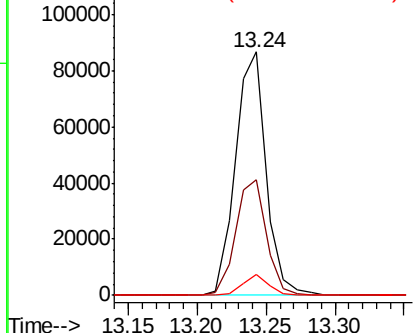
#71
Bromoform
Concen: 23.757 ug/l
RT: 13.24 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBSD01

Tot Ion:173 Resp: 134039
Ion Ratio Lower Upper
173 100
175 47.2 25.3 75.9
254 8.6 7.1 10.7

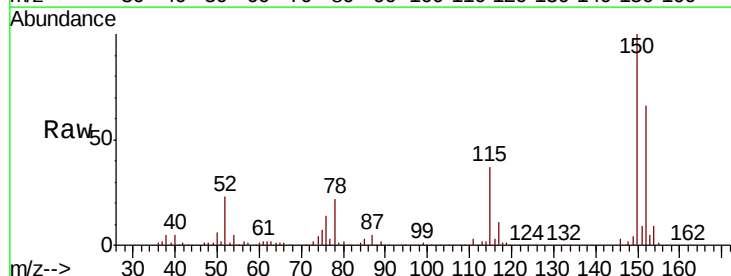


Abundance Ion 172.80 (172.50 to 173.50): V
Ion 174.80 (174.50 to 175.50): V
Ion 253.70 (253.40 to 254.40): V

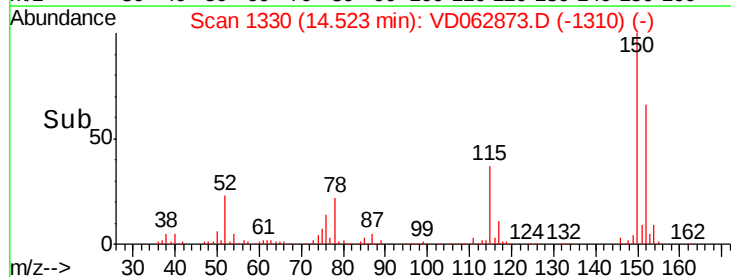
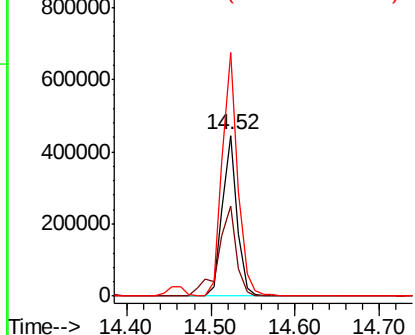


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Tgt Ion:152 Resp: 544087
Ion Ratio Lower Upper
152 100
115 55.7 29.2 87.6
150 151.3 0.0 305.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.471 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

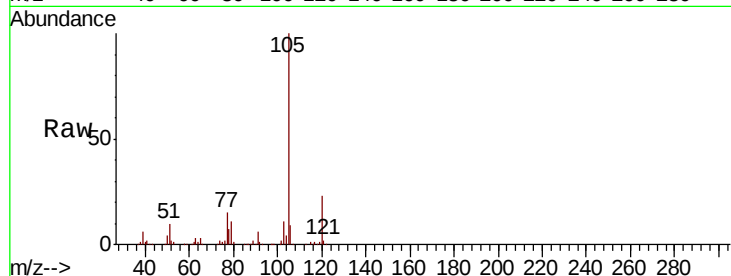
VD0625SBSD01

Tot Ion:105 Resp: 749037

Ion Ratio Lower Upper

105 100

120 22.8 11.6 34.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.41

500000

400000

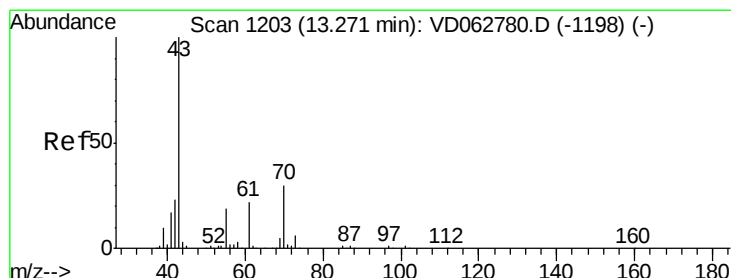
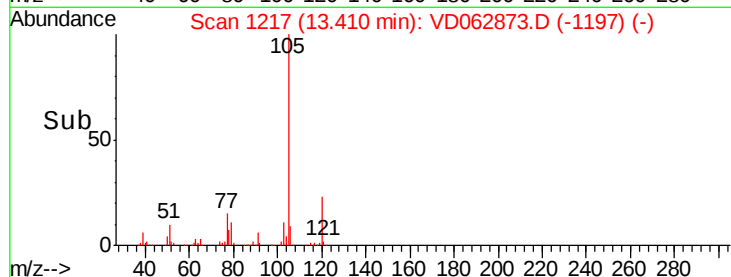
300000

200000

100000

0

Time--> 13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 22.804 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Tgt Ion: 43 Resp: 193191

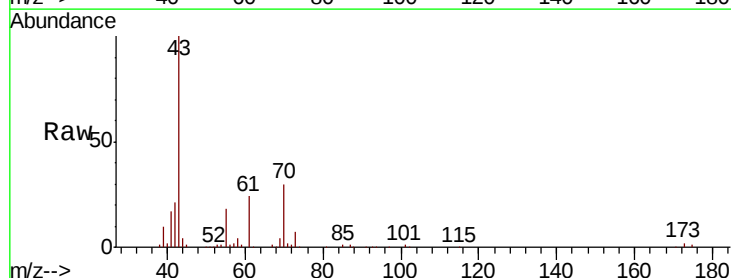
Ion Ratio Lower Upper

43 100

70 30.4 24.4 36.6

55 17.6 15.2 22.8

61 23.9 17.4 26.2



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

200000

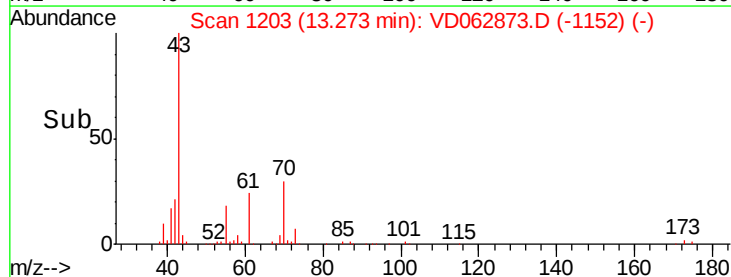
150000

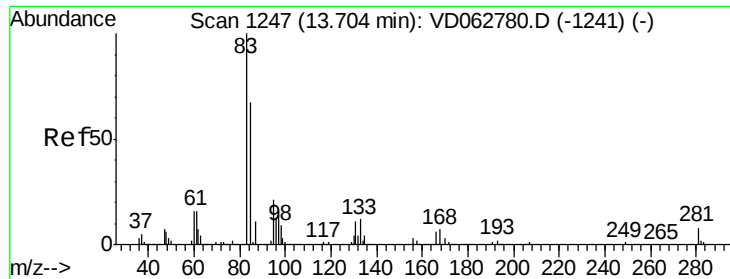
100000

50000

0

Time--> 13.20 13.30





#75

1,1,2,2-Tetrachloroethane

Concen: 23.814 ug/l

RT: 13.71 min Scan# 1247

Delta R.T. 0.00 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBSD01

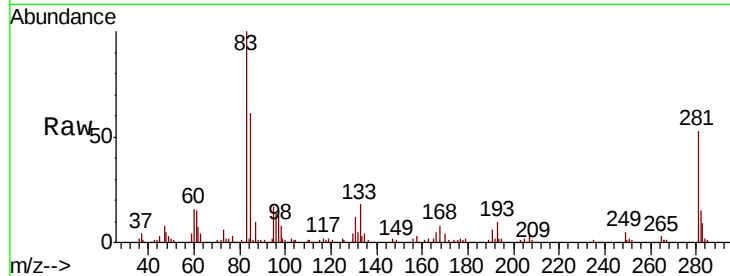
Tot Ion: 83 Resp: 135360

Ion Ratio Lower Upper

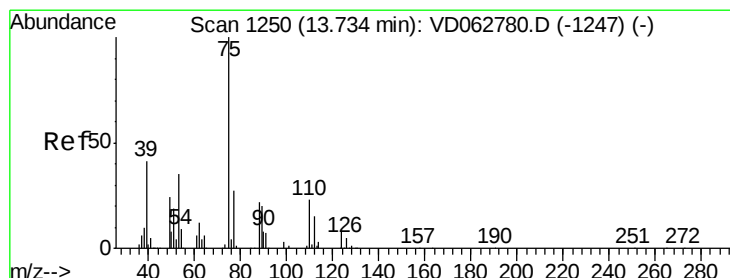
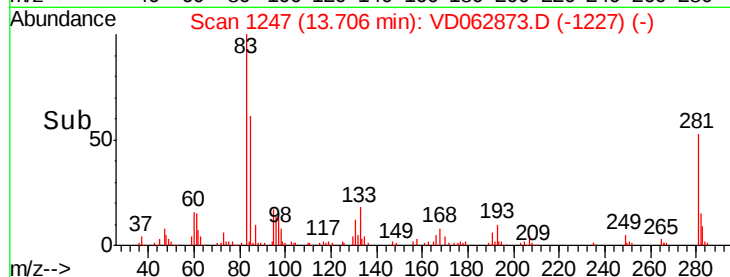
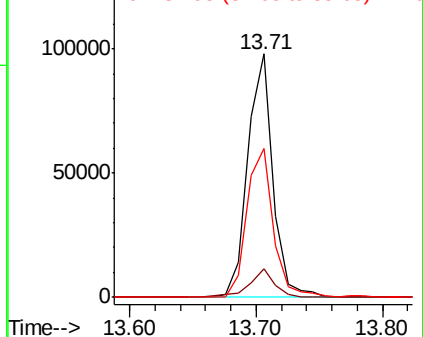
83 100

131 11.7 5.3 16.1

85 60.9 33.7 101.1



Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 130.90 (130.60 to 131.60): VDC
Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 22.920 ug/l

RT: 13.74 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VD062873.D

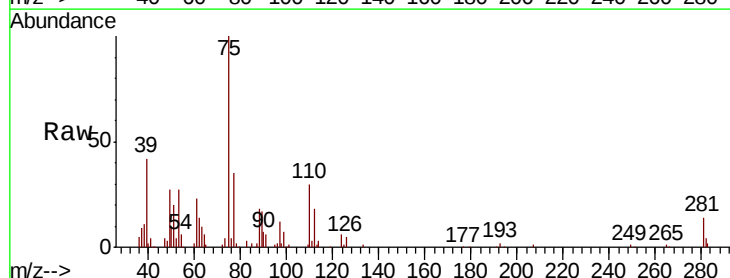
Acq: 25 Jun 2019 12:31

Tgt Ion: 75 Resp: 143961

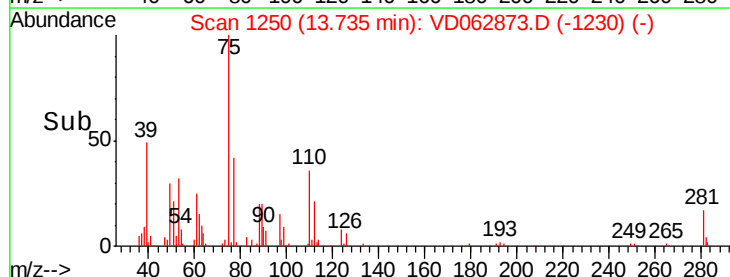
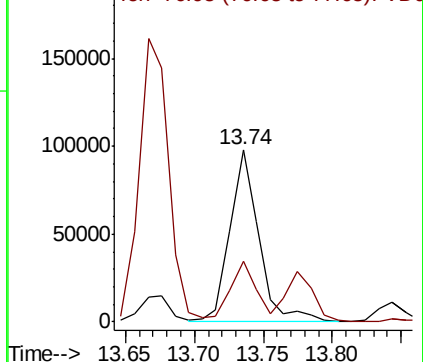
Ion Ratio Lower Upper

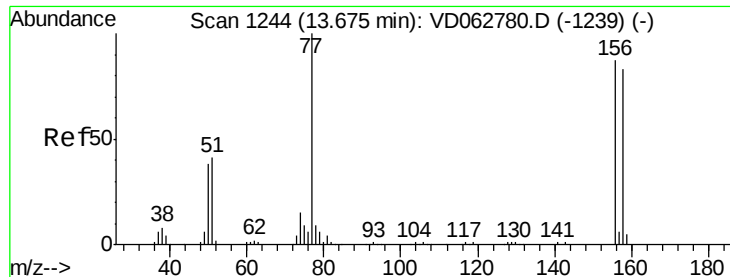
75 100

77 35.2 15.0 45.1



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





#77

Bromobenzene

Concen: 21.691 ug/l

RT: 13.68 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBSD01

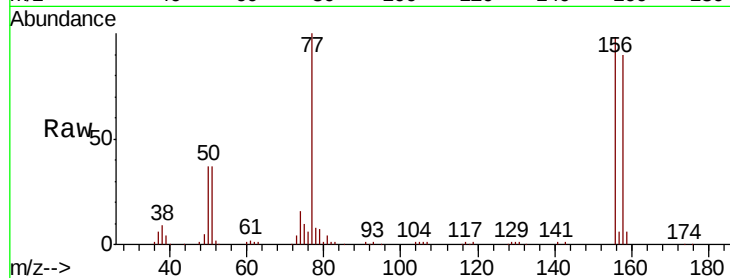
Tot Ion:156 Resp: 203530

Ion Ratio Lower Upper

156 100

77 102.4 57.7 173.1

158 91.7 47.7 143.1



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V

200000

150000

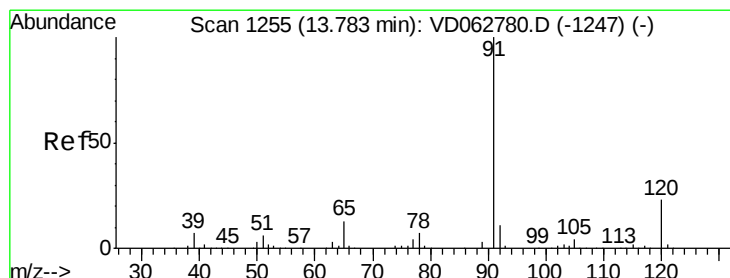
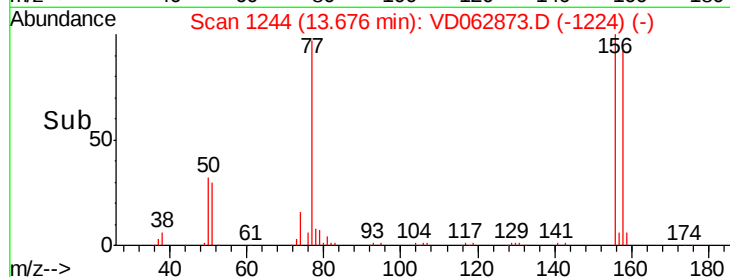
100000

50000

0

13.60 13.65 13.70 13.75

Time-->



#78

n-propylbenzene

Concen: 22.119 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.01 min

Lab File: VD062873.D

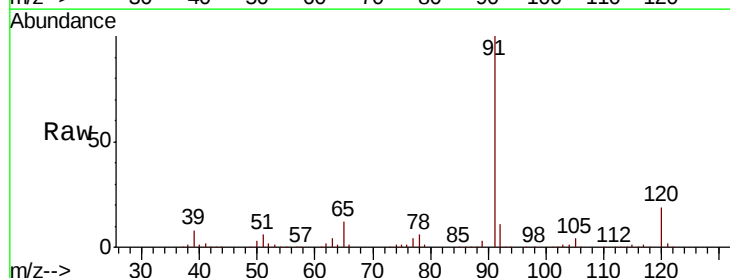
Acq: 25 Jun 2019 12:31

Tgt Ion: 91 Resp: 898107

Ion Ratio Lower Upper

91 100

120 19.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

800000

600000

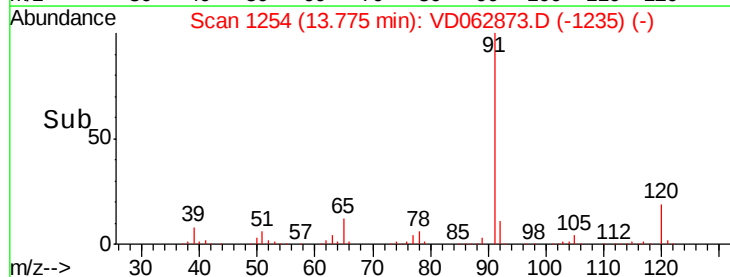
400000

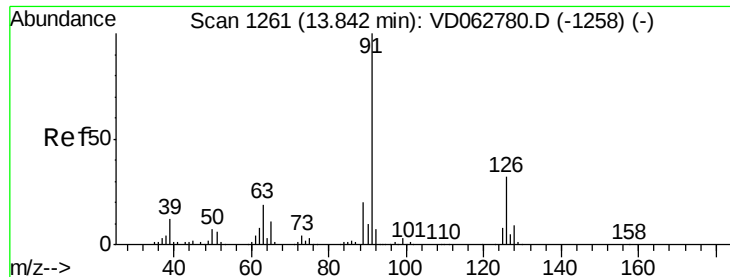
200000

0

13.70 13.80

Time-->





#79

2-Chlorotoluene

Concen: 20.934 ug/l

RT: 13.84 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

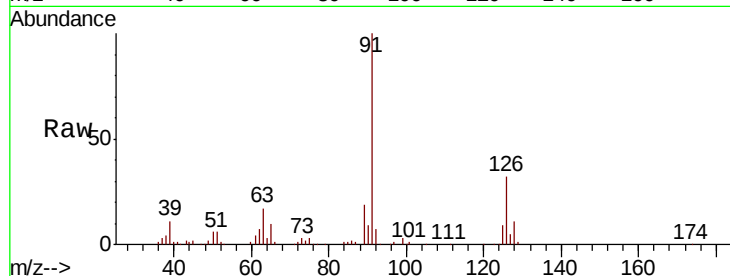
VD0625SBSD01

Tot Ion: 91 Resp: 485751

Ion Ratio Lower Upper

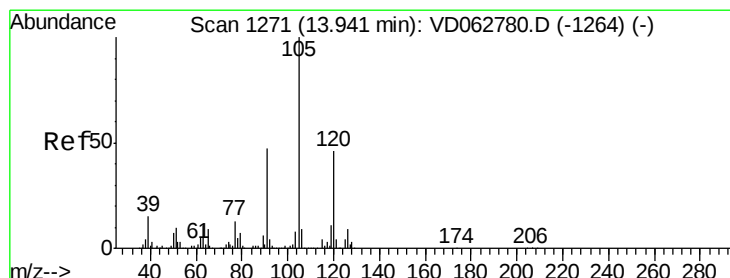
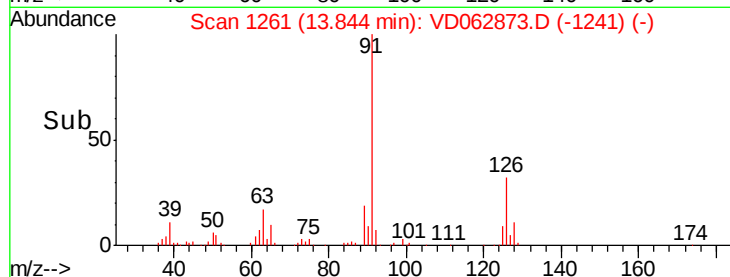
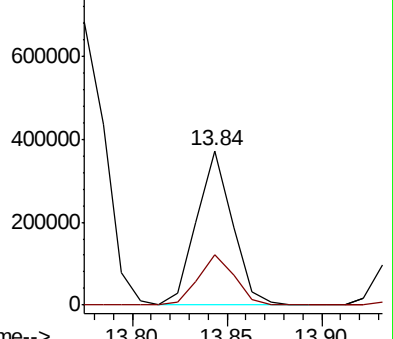
91 100

126 32.4 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 22.516 ug/l

RT: 13.93 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VD062873.D

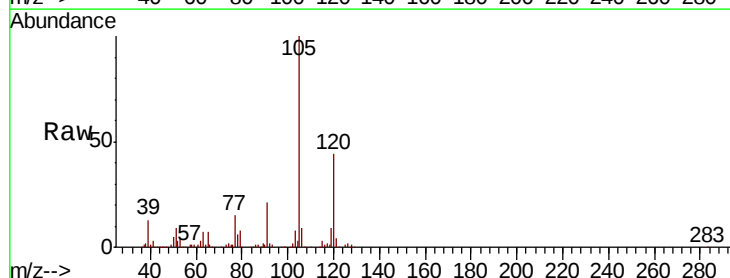
Acq: 25 Jun 2019 12:31

Tgt Ion: 105 Resp: 659781

Ion Ratio Lower Upper

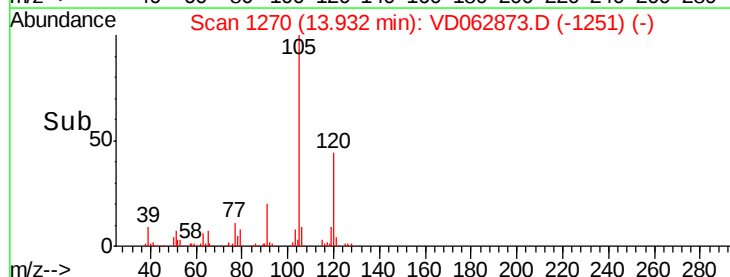
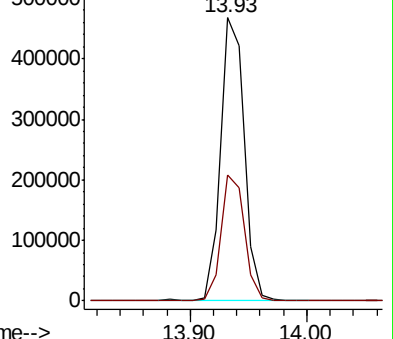
105 100

120 44.4 23.1 69.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 21.643 ug/l

RT: 13.48 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBSD01

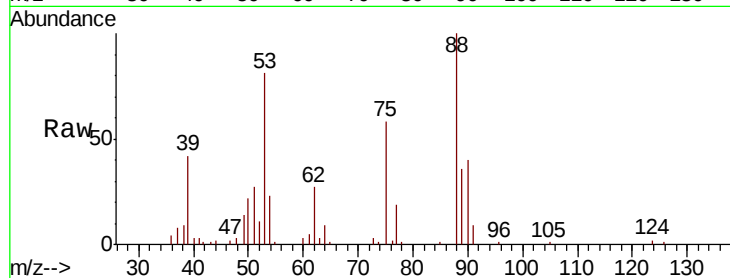
Tot Ion: 75 Resp: 35628

Ion Ratio Lower Upper

75 100

53 139.4 97.8 146.8

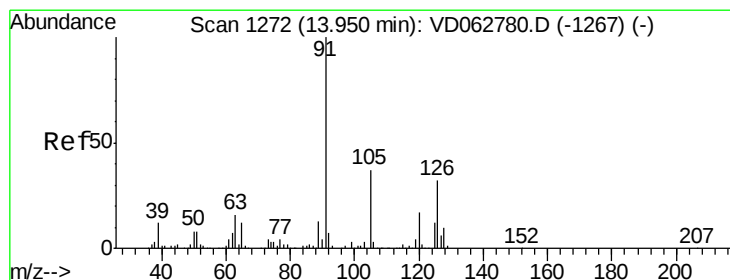
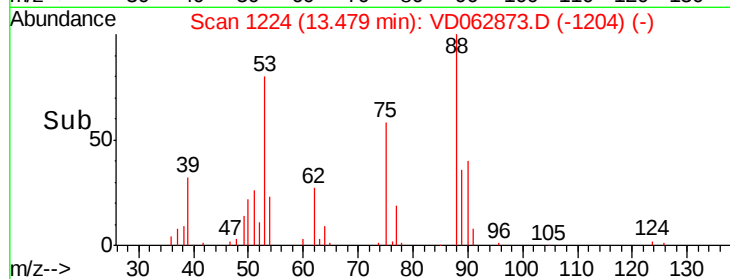
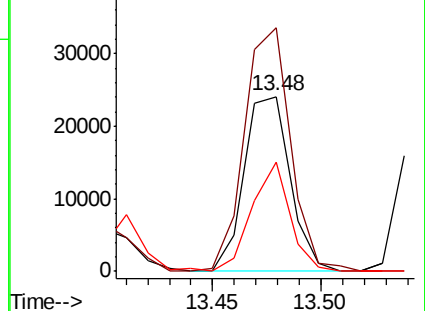
89 62.6 39.4 59.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 22.682 ug/l

RT: 13.95 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VD062873.D

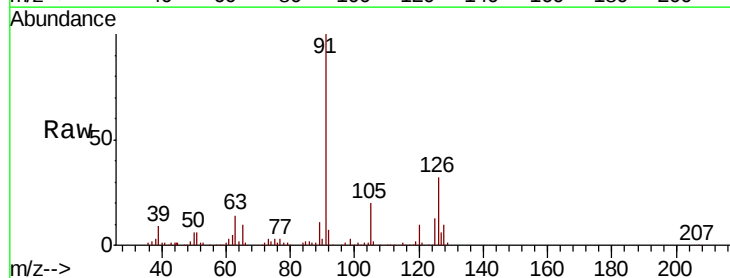
Acq: 25 Jun 2019 12:31

Tgt Ion: 91 Resp: 633641

Ion Ratio Lower Upper

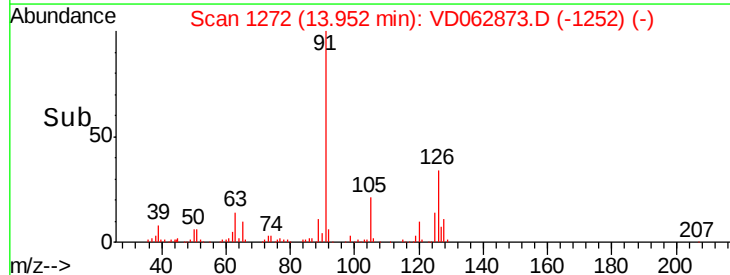
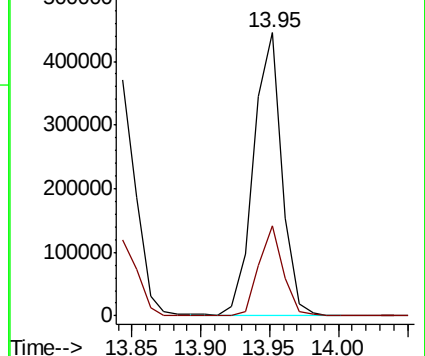
91 100

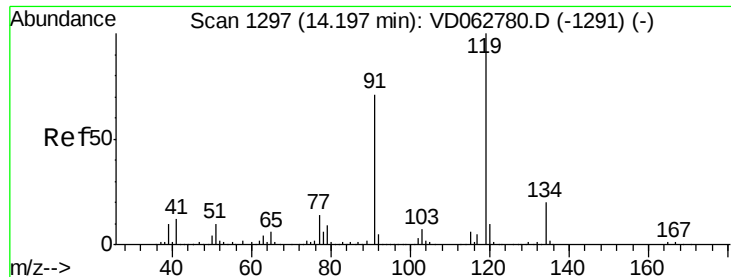
126 32.0 16.0 47.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

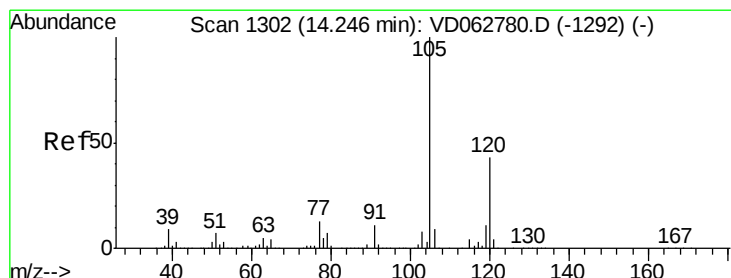
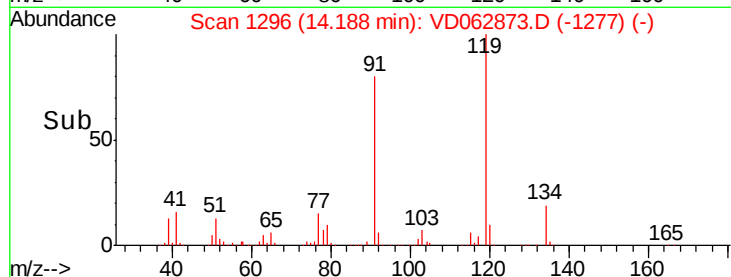
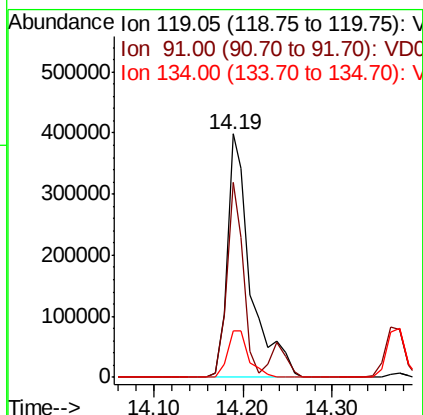
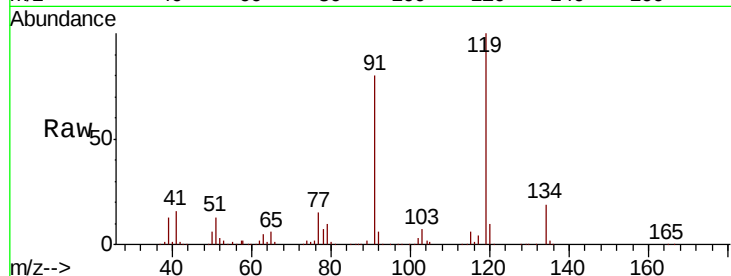




#83
tert-Butylbenzene
Concen: 22.477 ug/l
RT: 14.19 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

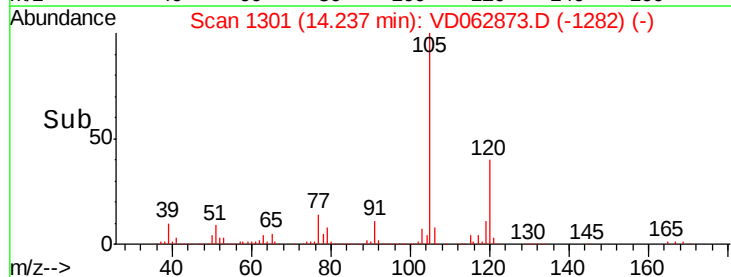
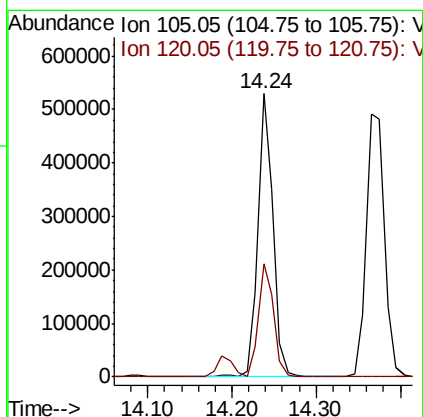
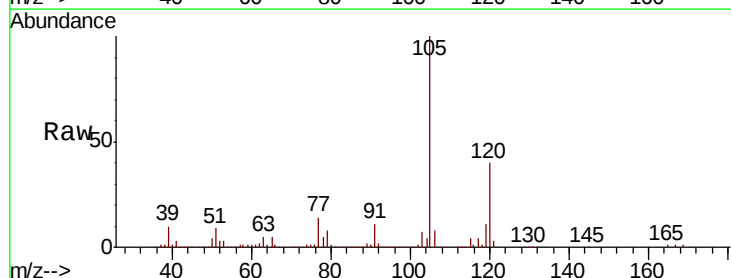
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBSD01

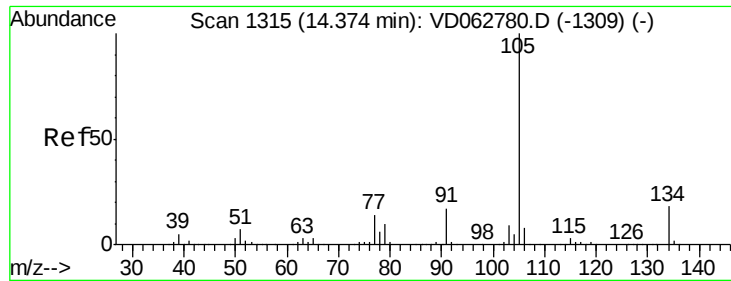
Tot Ion:119 Resp: 734148
Ion Ratio Lower Upper
119 100
91 80.3 35.5 106.5
134 19.2 10.2 30.6



#84
1,2,4-Trimethylbenzene
Concen: 22.329 ug/l
RT: 14.24 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Tgt Ion:105 Resp: 670639
Ion Ratio Lower Upper
105 100
120 39.9 21.3 63.9





#85

sec-Butylbenzene

Concen: 20.776 ug/l

RT: 14.37 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

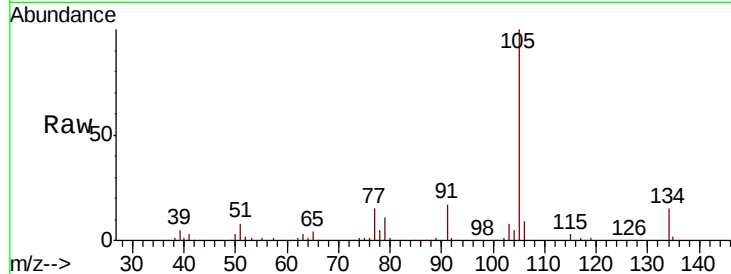
VD0625SBSD01

Tot Ion:105 Resp: 737537

Ion Ratio Lower Upper

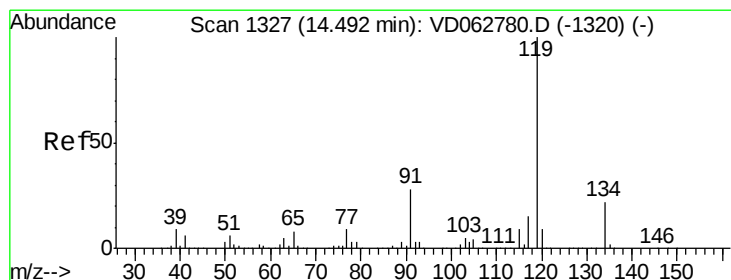
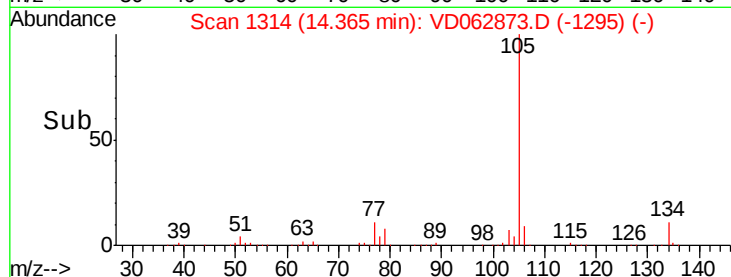
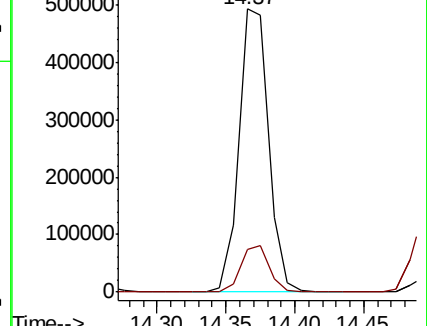
105 100

134 15.0 9.1 27.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 21.650 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. 0.00 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

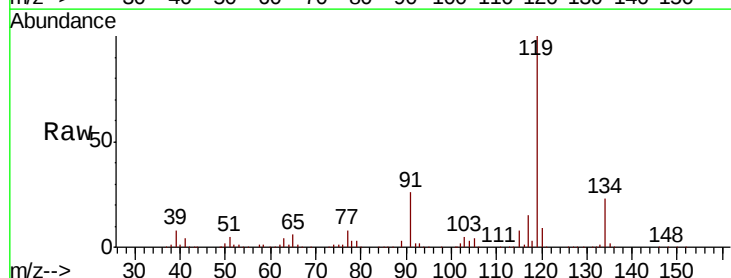
Tgt Ion:119 Resp: 703111

Ion Ratio Lower Upper

119 100

134 23.4 11.1 33.1

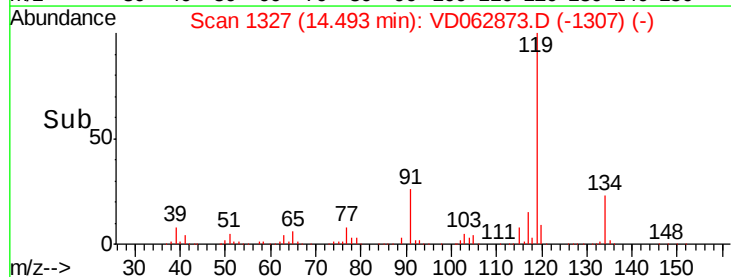
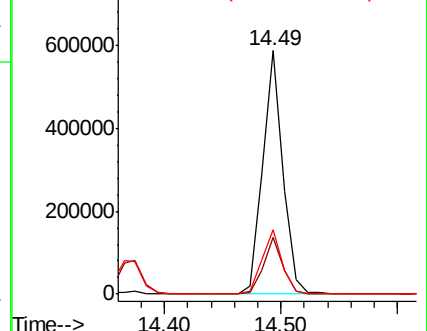
91 26.2 14.0 41.9



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

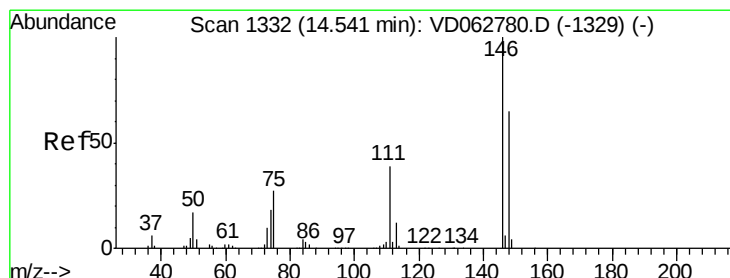
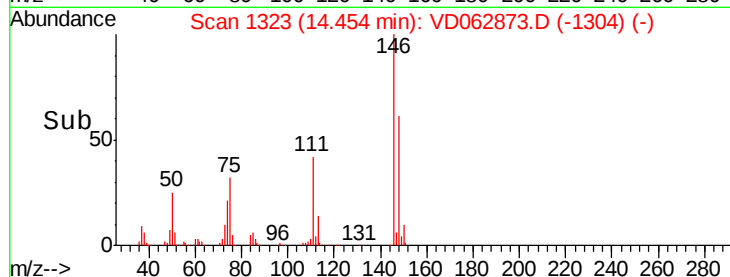
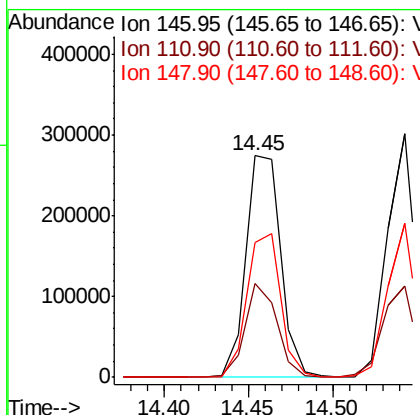
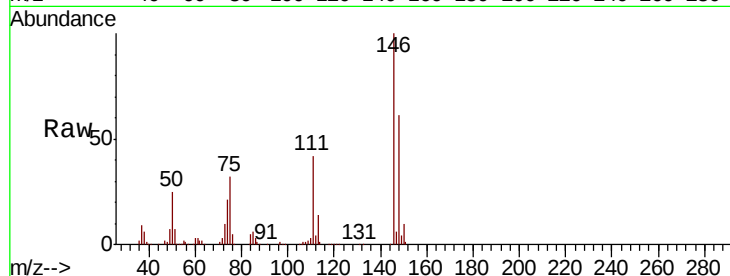




#87
 1,3-Dichlorobenzene
 Concen: 23.453 ug/l
 RT: 14.45 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VD062873.D
 Acq: 25 Jun 2019 12:31

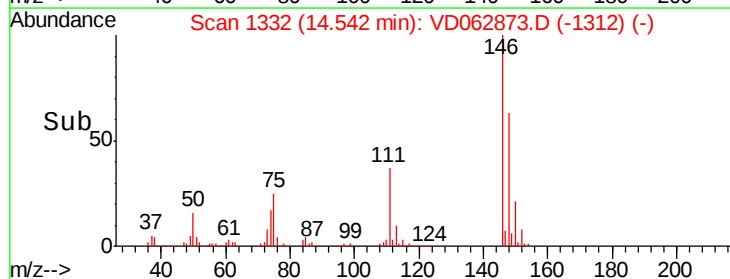
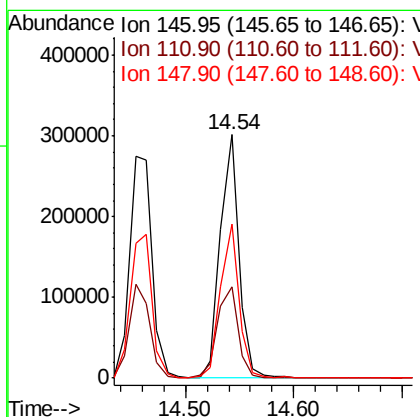
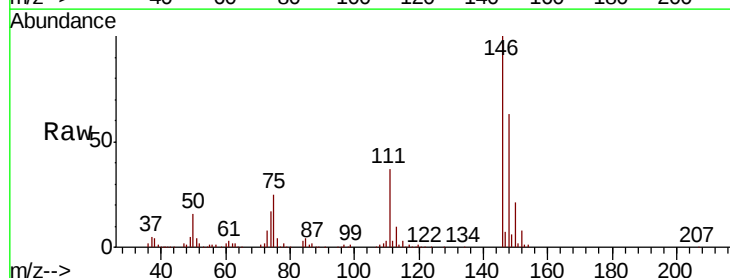
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBSD01

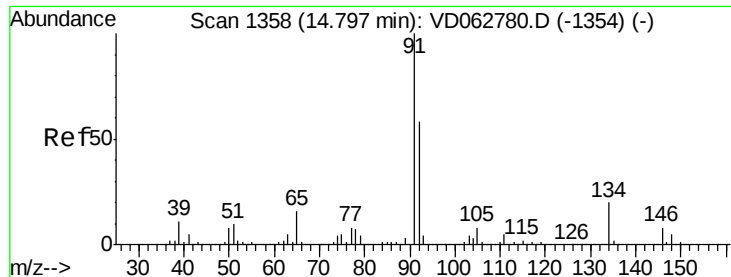
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	19.0	57.0
148	60.6	30.8	92.3



#88
 1,4-Dichlorobenzene
 Concen: 21.570 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: VD062873.D
 Acq: 25 Jun 2019 12:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.7	59.1
148	63.0	32.8	98.3

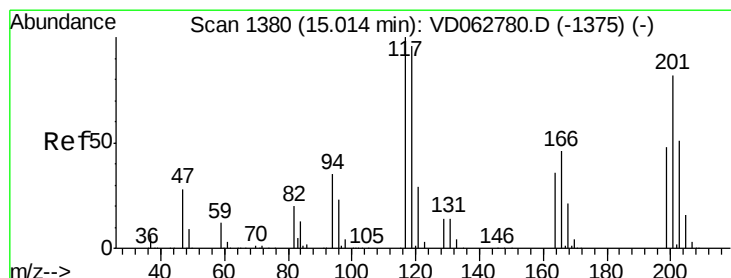
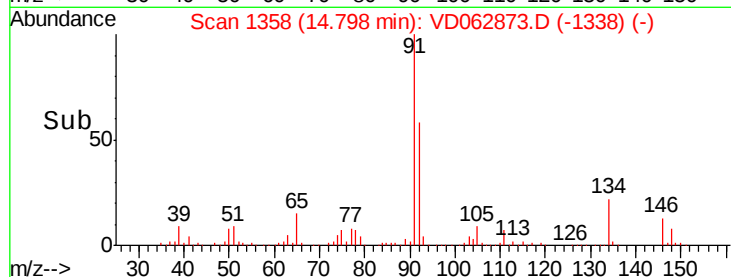
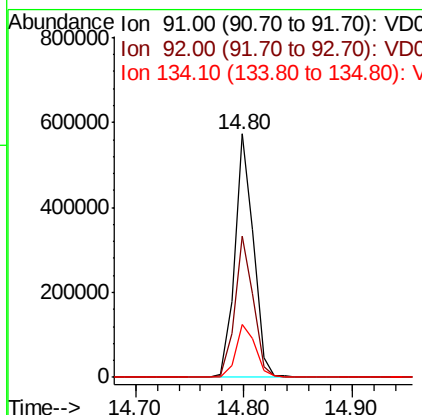
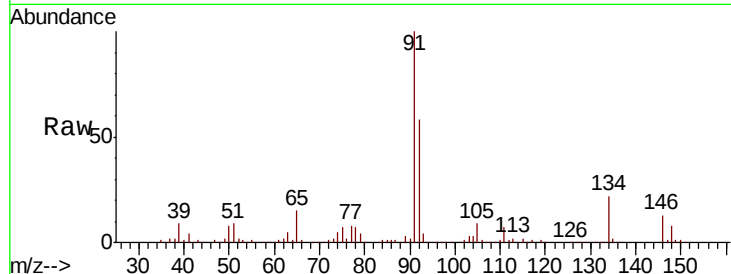




#89
n-Butylbenzene
Concen: 22.768 ug/l
RT: 14.80 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

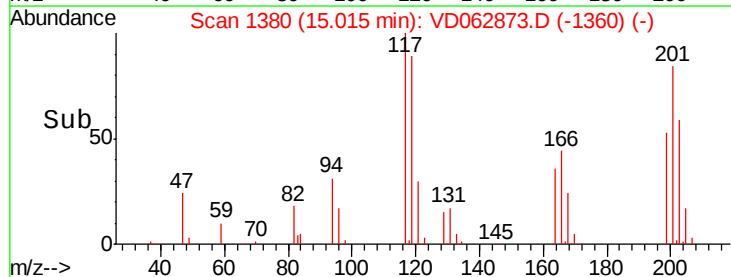
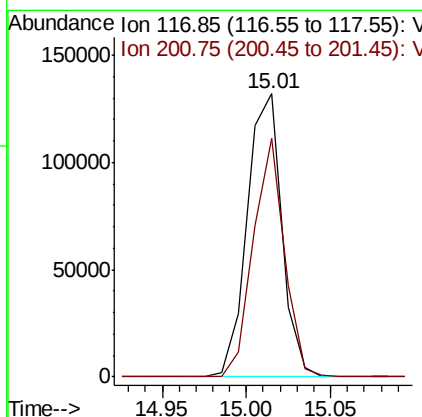
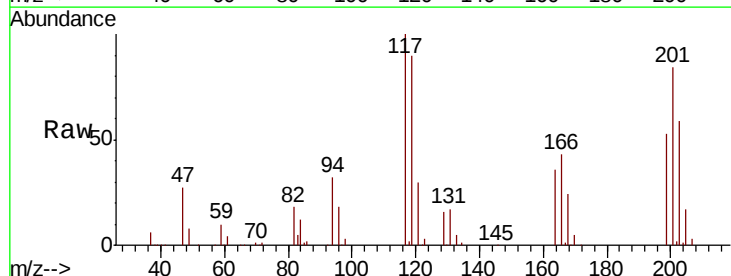
Instrument :
MSVOA_D
ClientSampleId :
VD0625SBSD01

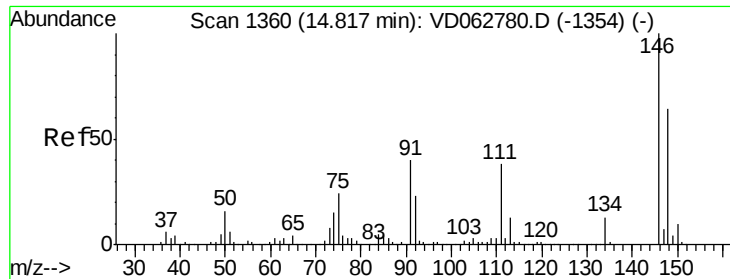
Tot Ion: 91 Resp: 692066
Ion Ratio Lower Upper
91 100
92 57.9 28.9 86.7
134 21.7 10.1 30.3



#90
Hexachloroethane
Concen: 21.436 ug/l
RT: 15.01 min Scan# 1380
Delta R.T. 0.00 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Tgt Ion: 117 Resp: 187178
Ion Ratio Lower Upper
117 100
201 84.1 40.8 122.2





#91

1,2-Dichlorobenzene

Concen: 23.368 ug/l

RT: 14.81 min Scan# 1359

Delta R.T. -0.01 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

Instrument :

MSVOA_D

ClientSampleId :

VD0625SBSD01

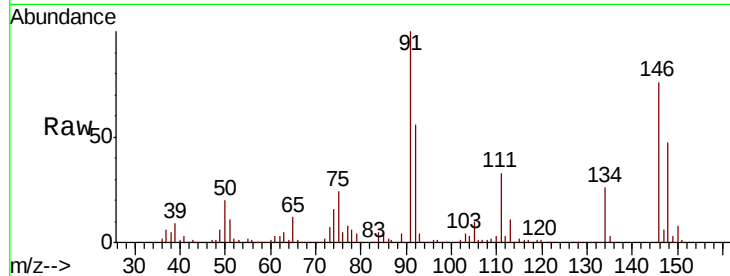
Tot Ion:146 Resp: 336295

Ion Ratio Lower Upper

146 100

111 43.8 19.1 57.1

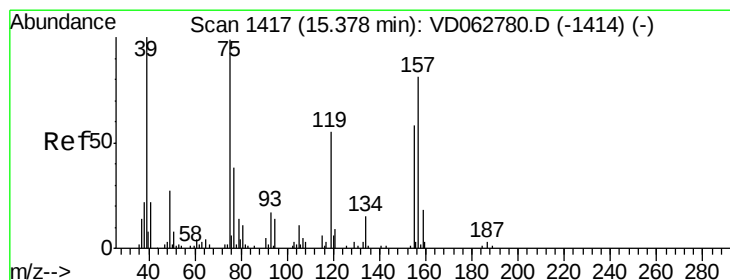
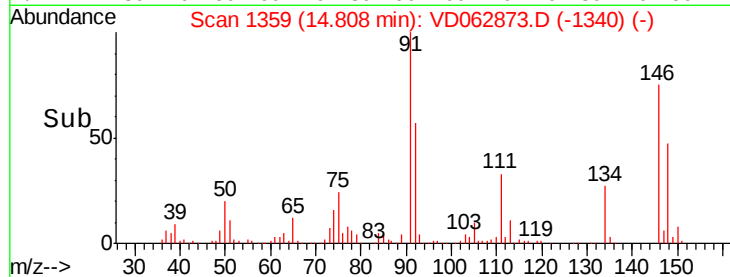
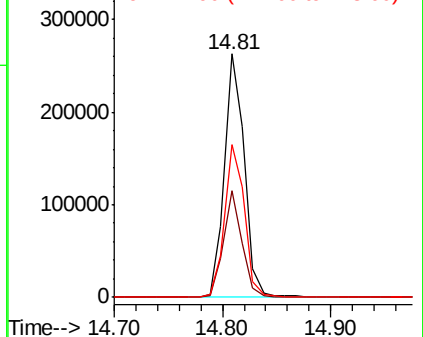
148 62.6 32.3 96.8



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 25.282 ug/l

RT: 15.38 min Scan# 1417

Delta R.T. 0.00 min

Lab File: VD062873.D

Acq: 25 Jun 2019 12:31

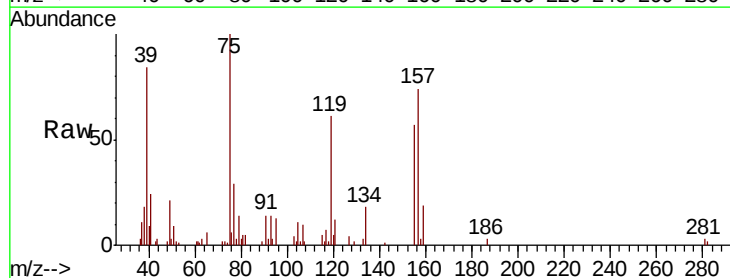
Tgt Ion: 75 Resp: 28048

Ion Ratio Lower Upper

75 100

155 57.0 29.3 87.8

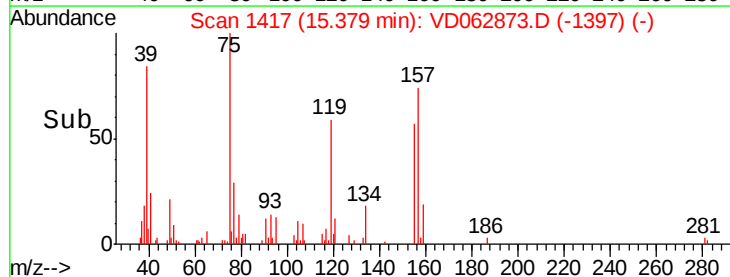
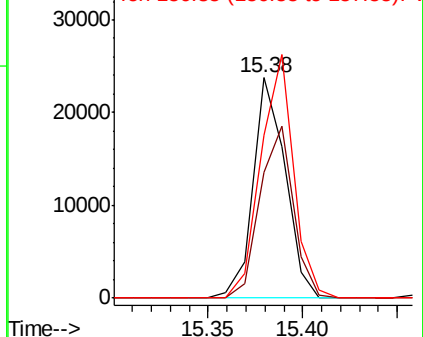
157 73.7 41.3 123.7

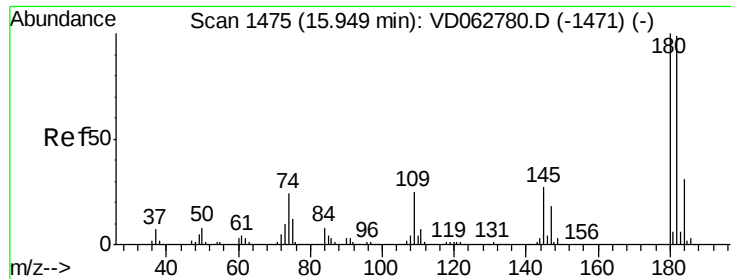


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

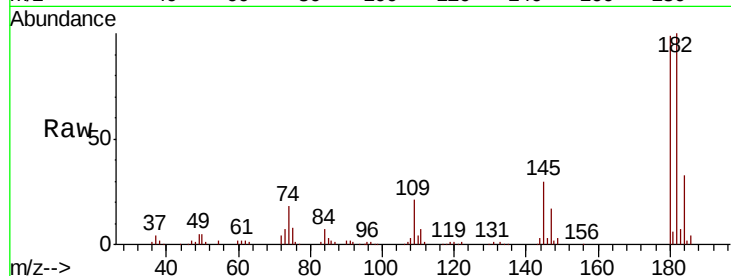




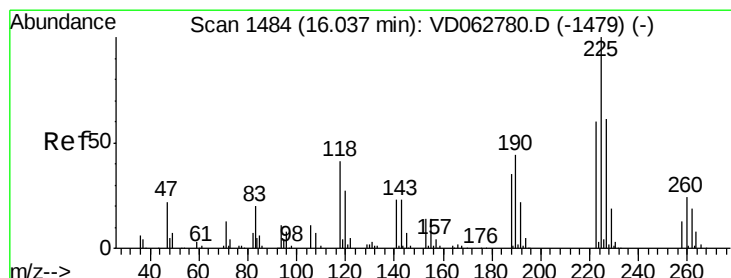
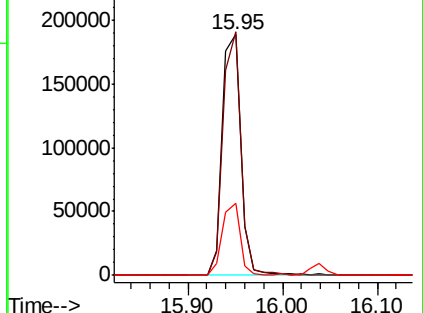
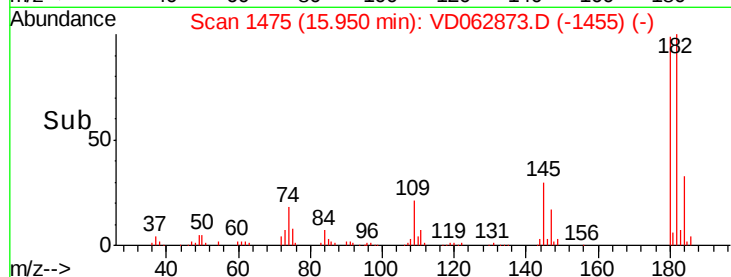
#93
 1,2,4-Trichlorobenzene
 Concen: 22.988 ug/l
 RT: 15.95 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: VD062873.D
 Acq: 25 Jun 2019 12:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBSD01

Tot Ion:180 Resp: 258430
 Ion Ratio Lower Upper
 180 100
 182 101.1 49.5 148.5
 145 29.9 13.7 41.0

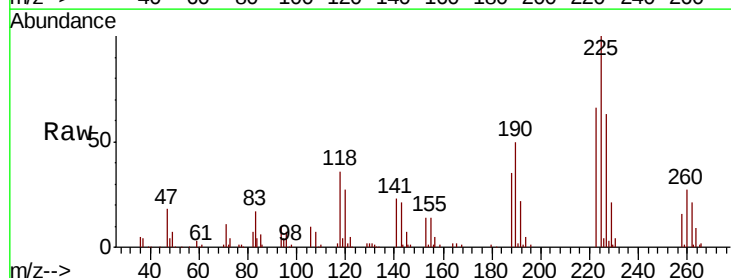


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

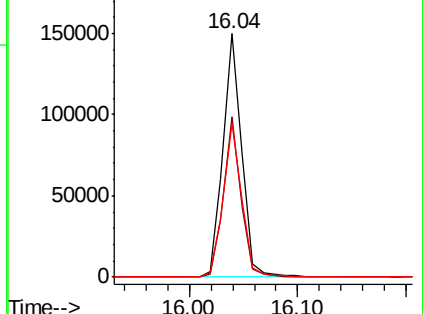
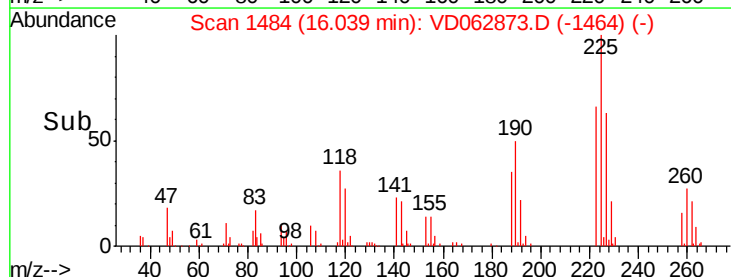


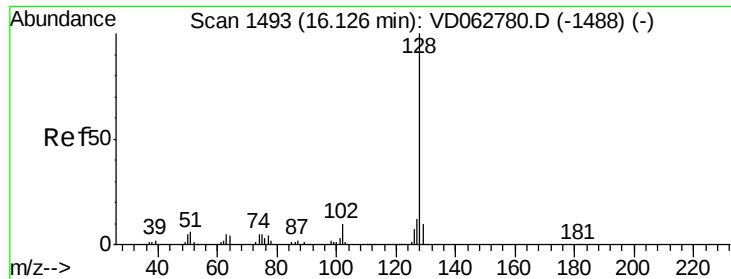
#94
 Hexachlorobutadiene
 Concen: 20.939 ug/l
 RT: 16.04 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: VD062873.D
 Acq: 25 Jun 2019 12:31

Tgt Ion:225 Resp: 179826
 Ion Ratio Lower Upper
 225 100
 223 65.9 29.8 89.5
 227 63.4 30.6 91.6



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

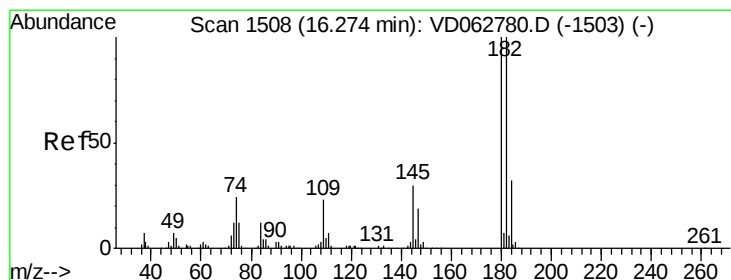
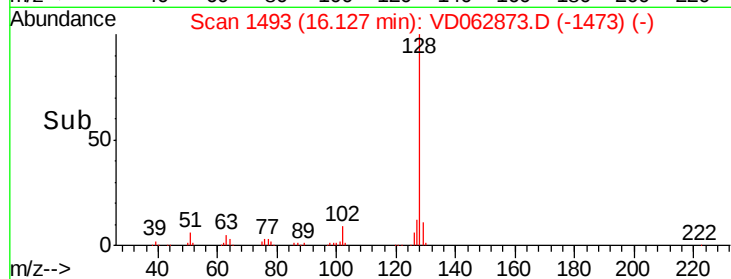
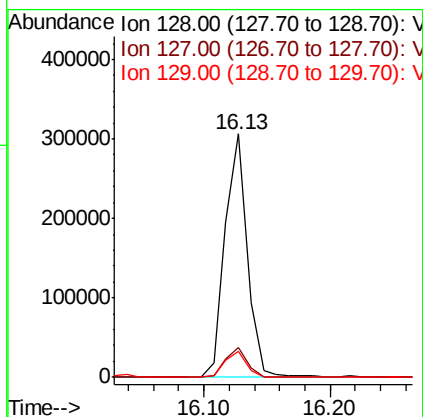
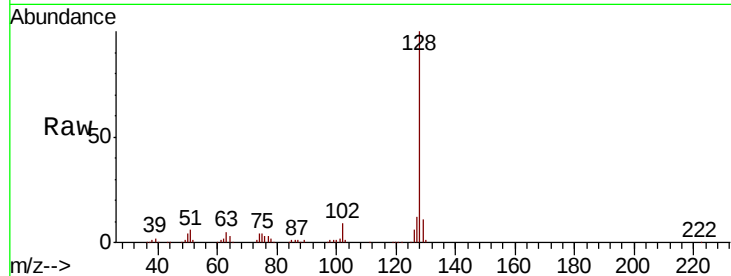




#95
Naphthalene
Concen: 23.773 ug/l
RT: 16.13 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBSD01

Tot Ion:128 Resp: 374580
Ion Ratio Lower Upper
128 100
127 12.2 9.7 14.5
129 10.5 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 22.942 ug/l
RT: 16.28 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VD062873.D
Acq: 25 Jun 2019 12:31

Tgt Ion:180 Resp: 198163
Ion Ratio Lower Upper
180 100
182 101.4 49.9 149.6
145 26.6 15.2 45.5

