

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\
 Data File : VD062745.D
 Acq On : 18 Jun 2019 13:15
 Operator : VA/AP
 Sample : VD0618SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBS01

Quant Time: Jun 19 05:24:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	679960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	906253	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	779532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	408478	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	489036	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
35) Dibromofluoromethane	6.92	113	473752	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
50) Toluene-d8	10.40	98	1010417	50.25	ug/l	-0.01
Spiked Amount			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	13.55	95	463940	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.56	85	172695	20.315	ug/l	96
3) Chloromethane	1.74	50	132831	19.743	ug/l	97
4) Vinyl Chloride	1.84	62	142078	20.479	ug/l	98
5) Bromomethane	2.14	94	62935	17.971	ug/l	86
6) Chloroethane	2.25	64	65119	19.011	ug/l #	83
7) Trichlorofluoromethane	2.52	101	309715	19.945	ug/l	96
8) Diethyl Ether	2.87	74	36143	17.113	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.14	101	168772	20.153	ug/l	99
10) Methyl Iodide	3.29	142	191183	18.474	ug/l	91
11) Tert butyl alcohol	4.08	59	38351	95.090	ug/l #	88
12) 1,1-Dichloroethene	3.12	96	121123	20.154	ug/l	88
13) Acrolein	3.03	56	11702	90.200	ug/l #	70
14) Allyl chloride	3.61	41	187453	20.285	ug/l	84
15) Acrylonitrile	4.19	53	93721	102.260	ug/l	97
16) Acetone	3.22	43	181521	101.031	ug/l	98
17) Carbon Disulfide	3.36	76	328568	18.552	ug/l	99
18) Methyl Acetate	3.64	43	66852	22.641	ug/l #	77
19) Methyl tert-butyl Ether	4.23	73	287559	19.618	ug/l	94
20) Methylene Chloride	3.81	84	156688	22.842	ug/l	92
21) trans-1,2-Dichloroethene	4.21	96	123322	18.707	ug/l	97
22) Diisopropyl ether	5.12	45	390763	20.365	ug/l	92
23) Vinyl Acetate	5.05	43	1175926	98.787	ug/l	97
24) 1,1-Dichloroethane	4.97	63	243117	19.696	ug/l	99
25) 2-Butanone	6.07	43	169788	96.865	ug/l	99
26) 2,2-Dichloropropane	6.01	77	288832	20.303	ug/l	98
27) cis-1,2-Dichloroethene	6.02	96	149960	20.983	ug/l	94
28) Bromochloromethane	6.43	49	77636	16.453	ug/l	95
29) Tetrahydrofuran	6.45	42	75030	95.053	ug/l	98
30) Chloroform	6.66	83	308250	19.464	ug/l	97
31) Cyclohexane	6.95	56	151889	19.616	ug/l	92
32) 1,1,1-Trichloroethane	6.87	97	318074	20.184	ug/l	93
36) 1,1-Dichloropropene	7.14	75	197018	18.995	ug/l	96
37) Ethyl Acetate	6.18	43	86651	20.324	ug/l #	88
38) Carbon Tetrachloride	7.10	117	323649	19.742	ug/l	100

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Instrument :
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 VD0618SBS01

Quant Time: Jun 19 05:24:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	163362	19.491	ug/l	88
40) Benzene	7.45	78	419812	20.726	ug/l	100
41) Methacrylonitrile	6.45	41	103605	19.082	ug/l #	85
42) 1,2-Dichloroethane	7.58	62	241413	19.996	ug/l	98
43) Isopropyl Acetate	9.24	43	110444	20.181	ug/l #	96
44) Trichloroethene	8.53	130	159778	19.430	ug/l	89
45) 1,2-Dichloropropane	8.94	63	103151	21.201	ug/l	99
46) Dibromomethane	9.06	93	85025	19.688	ug/l	89
47) Bromodichloromethane	9.37	83	229204	19.510	ug/l	93
48) Methyl methacrylate	9.12	41	79729	20.165	ug/l #	89
49) 1,4-Dioxane	9.08	88	10965	342.740	ug/l	97
51) 4-Methyl-2-Pentanone	10.30	43	400658	104.627	ug/l	100
52) Toluene	10.51	92	274064	20.129	ug/l	99
53) t-1,3-Dichloropropene	10.91	75	202512	21.025	ug/l	98
54) cis-1,3-Dichloropropene	10.04	75	200288	20.119	ug/l	97
55) 1,1,2-Trichloroethane	11.19	97	97231	20.823	ug/l	95
56) Ethyl methacrylate	11.04	69	105588	21.229	ug/l	91
57) 1,3-Dichloropropane	11.41	76	139066	19.216	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.86	63	281188	112.672	ug/l	95
59) 2-Hexanone	11.53	43	291585	102.363	ug/l	99
60) Dibromochloromethane	11.68	129	178763	19.394	ug/l	100
61) 1,2-Dibromoethane	11.80	107	118008	21.117	ug/l	93
64) Tetrachloroethene	11.26	164	144222	19.764	ug/l	94
65) Chlorobenzene	12.40	112	340447	19.744	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	165391	20.111	ug/l	87
67) Ethyl Benzene	12.52	91	644075	21.068	ug/l	100
68) m/p-Xylenes	12.67	106	445998	41.497	ug/l	95
69) o-Xylene	13.05	106	208440	21.117	ug/l	100
70) Styrene	13.07	104	357681	20.309	ug/l	96
71) Bromoform	13.24	173	115555	20.111	ug/l	98
73) Isopropylbenzene	13.40	105	647085	22.475	ug/l	96
74) N-amyl acetate	13.27	43	157432	20.233	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	105128	21.339	ug/l	96
76) 1,2,3-Trichloropropane	13.73	75	121900	22.009	ug/l	97
77) Bromobenzene	13.67	156	179992	21.872	ug/l	93
78) n-propylbenzene	13.77	91	743681	21.102	ug/l	95
79) 2-Chlorotoluene	13.84	91	450695	21.841	ug/l	100
80) 1,3,5-Trimethylbenzene	13.94	105	556565	21.873	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.47	75	31021	21.310	ug/l	93
82) 4-Chlorotoluene	13.95	91	536846	21.755	ug/l	95
83) tert-Butylbenzene	14.19	119	648197	23.096	ug/l	100
84) 1,2,4-Trimethylbenzene	14.24	105	529604	21.021	ug/l	96
85) sec-Butylbenzene	14.37	105	636912	21.642	ug/l	97
86) p-Isopropyltoluene	14.49	119	645376	22.524	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	327782	21.987	ug/l	95
88) 1,4-Dichlorobenzene	14.54	146	292164	20.737	ug/l	98
89) n-Butylbenzene	14.80	91	555884	21.565	ug/l	97
90) Hexachloroethane	15.01	117	161793	21.389	ug/l	99
91) 1,2-Dichlorobenzene	14.81	146	271550	21.913	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	19308	18.348	ug/l #	18

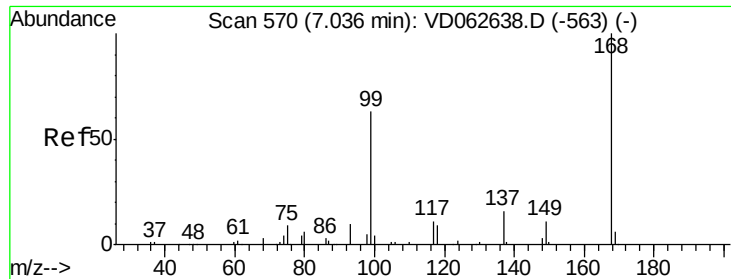
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061819\
Data File : VD062745.D
Acq On : 18 Jun 2019 13:15
Operator : VA/AP
Sample : VD0618SBSD01
Misc : 5.00g/5ml/MSVOA D/SOIL
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MSVOA_D
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Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	195408	20.830	ug/l	100
94) Hexachlorobutadiene	16.03	225	153298	20.952	ug/l	91
95) Naphthalene	16.12	128	294633	21.957	ug/l	97
96) 1,2,3-Trichlorobenzene	16.27	180	161113	22.572	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA_D

ClientSampleId :

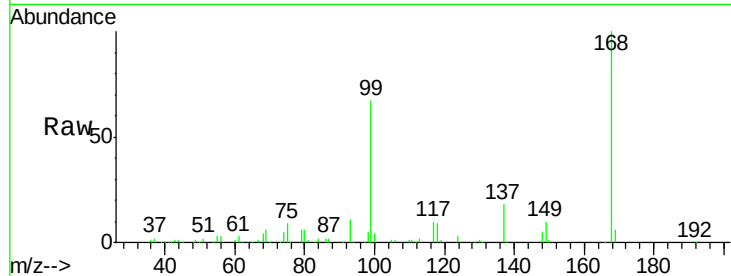
VD0618SBSD01

Tot Ion:168 Resp: 679960

Ion Ratio Lower Upper

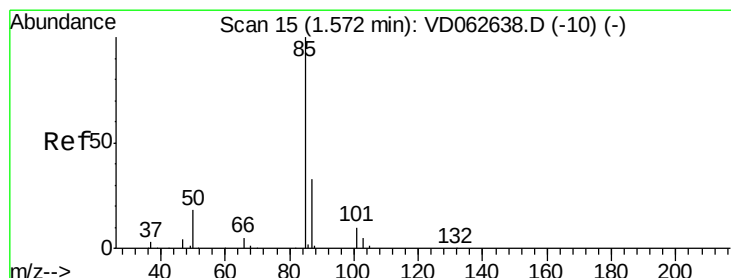
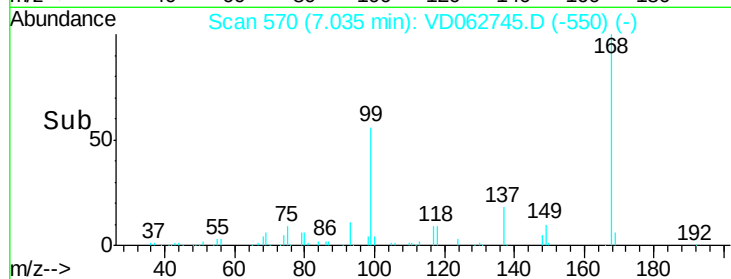
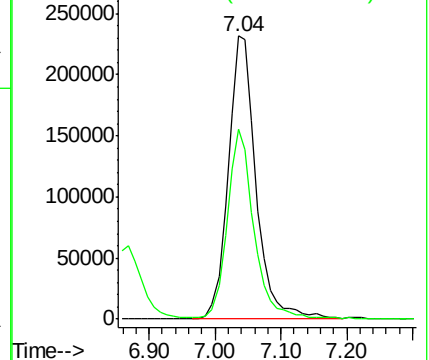
168 100

99 67.1 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 20.315 ug/l

RT: 1.56 min Scan# 14

Delta R.T. -0.01 min

Lab File: VD062745.D

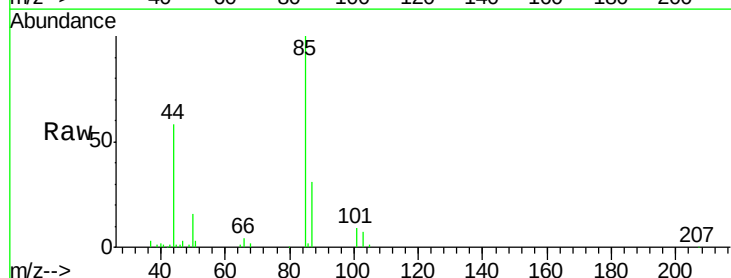
Acq: 18 Jun 2019 13:15

Tgt Ion: 85 Resp: 172695

Ion Ratio Lower Upper

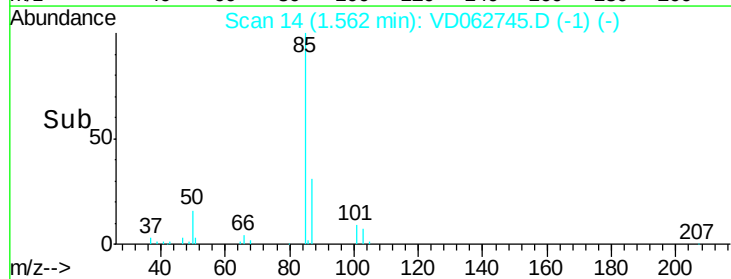
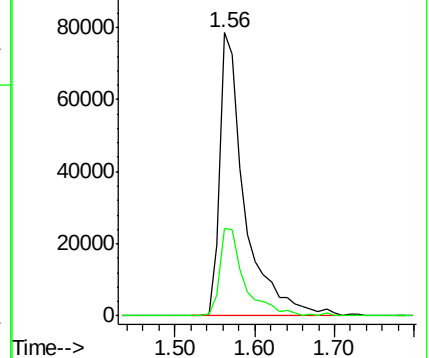
85 100

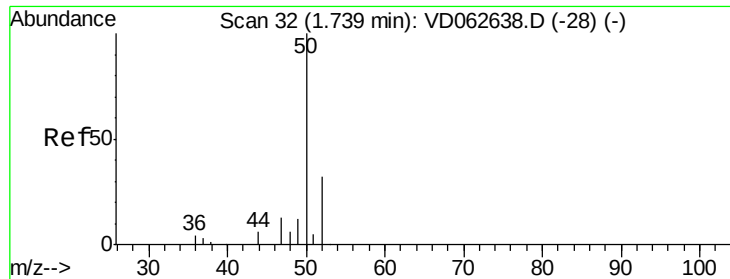
87 30.9 16.6 49.7



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.743 ug/l

RT: 1.74 min Scan# 32

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA_D

ClientSampleId :

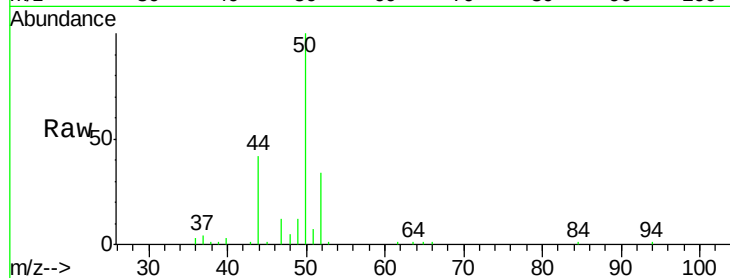
VD0618SBS01

Tot Ion: 50 Resp: 132831

Ion Ratio Lower Upper

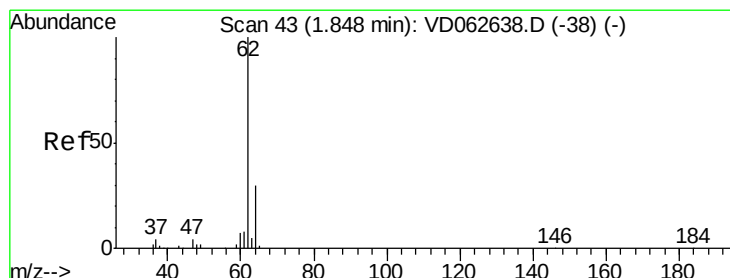
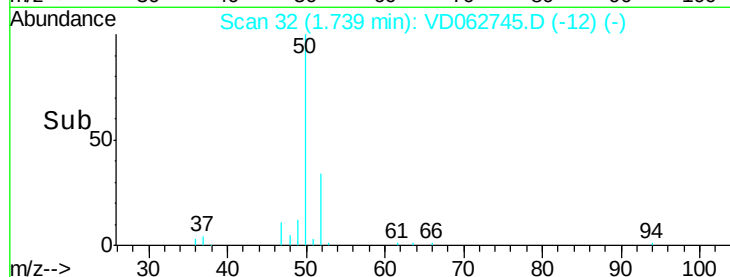
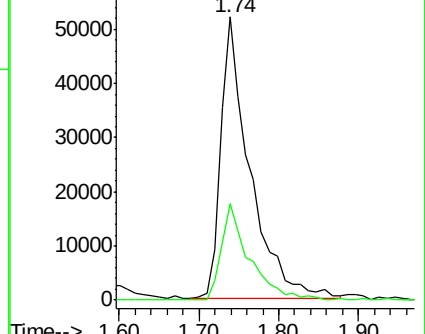
50 100

52 34.2 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.479 ug/l

RT: 1.84 min Scan# 42

Delta R.T. -0.01 min

Lab File: VD062745.D

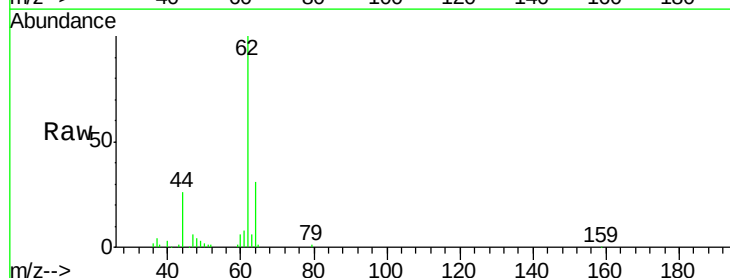
Acq: 18 Jun 2019 13:15

Tgt Ion: 62 Resp: 142078

Ion Ratio Lower Upper

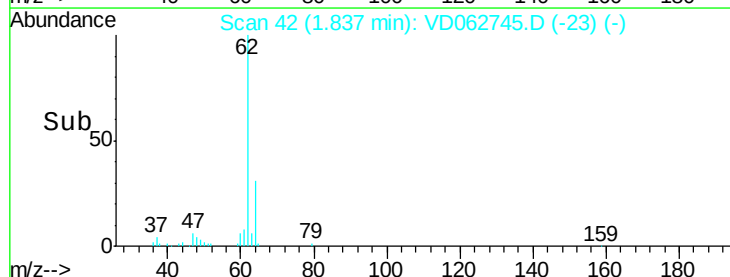
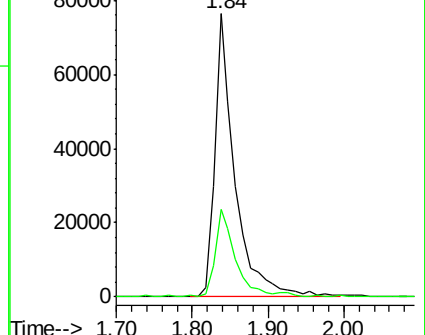
62 100

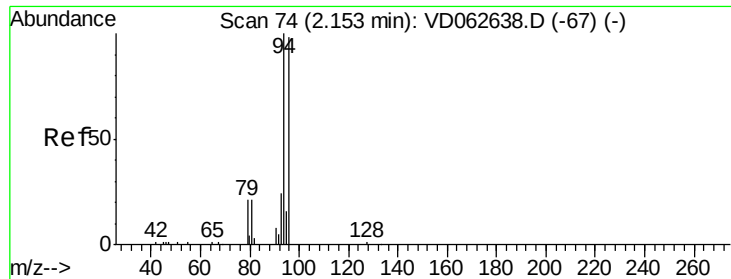
64 31.1 24.2 36.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 17.971 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.01 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBSD01

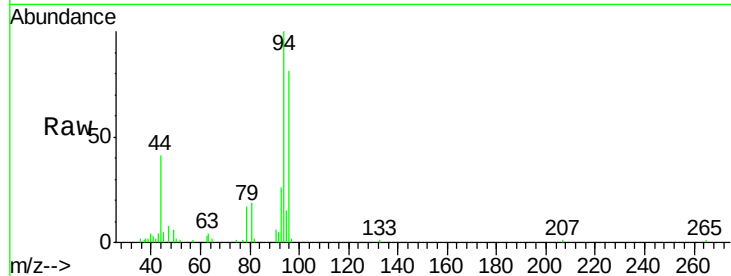
Tot Ion: 94 Resp: 62935

Ion Ratio Lower Upper

94 100

96 80.7 78.1 117.1

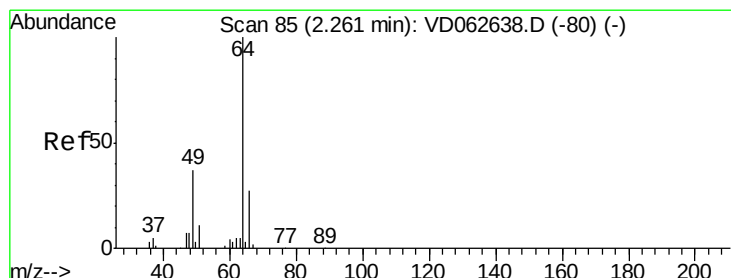
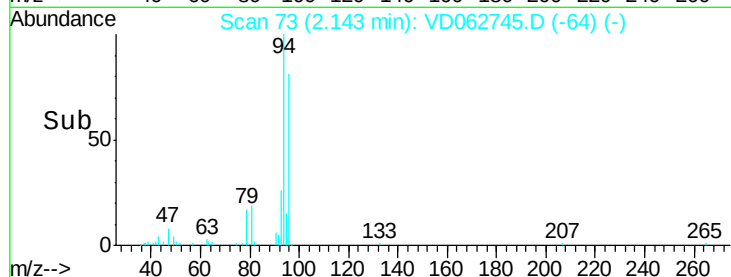
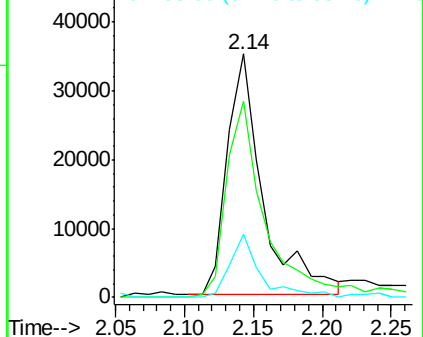
93 26.0 19.6 29.4



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 19.011 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VD062745.D

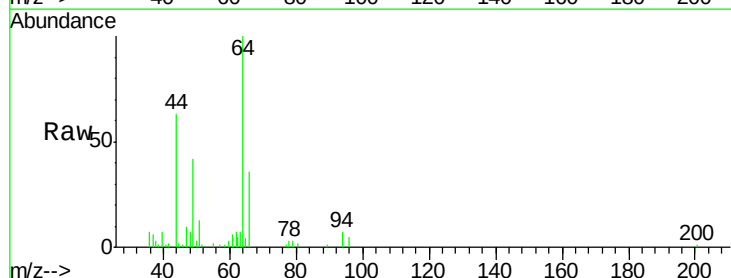
Acq: 18 Jun 2019 13:15

Tgt Ion: 64 Resp: 65119

Ion Ratio Lower Upper

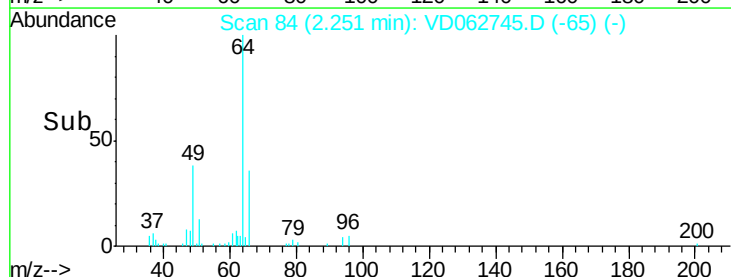
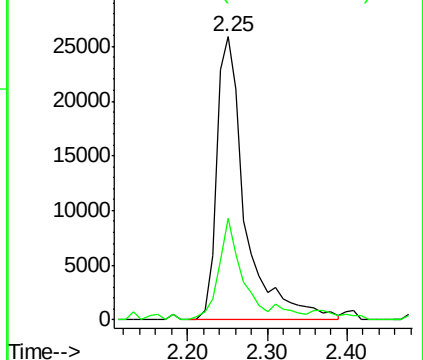
64 100

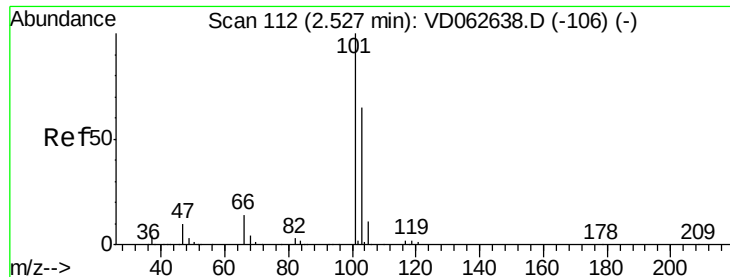
66 36.1 21.9 32.9#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



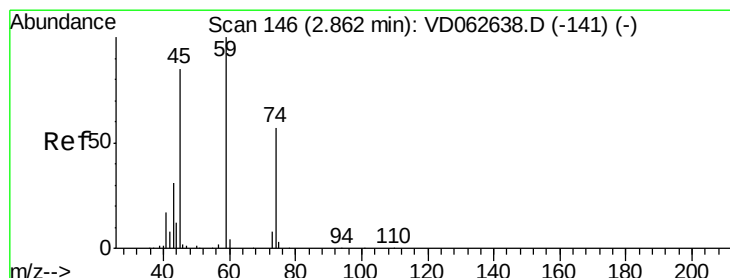
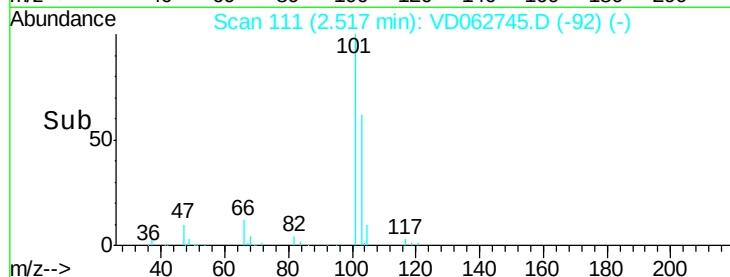
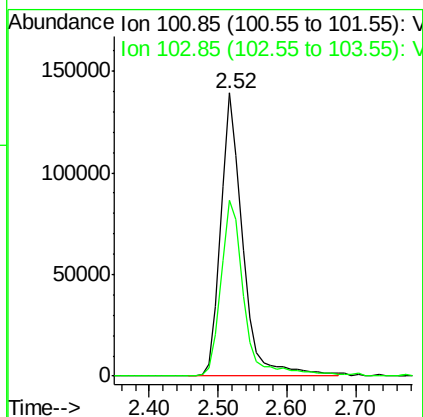
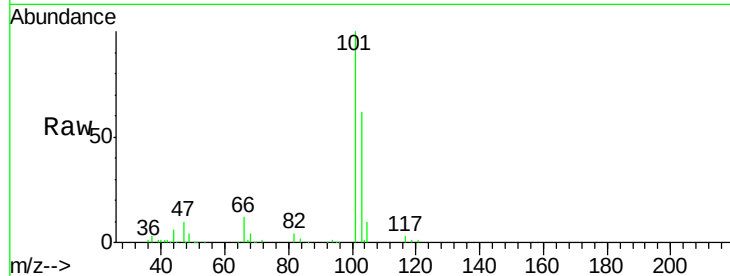


#7

Trichlorofluoromethane
Concen: 19.945 ug/l
RT: 2.52 min Scan# 111
Delta R.T. -0.01 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

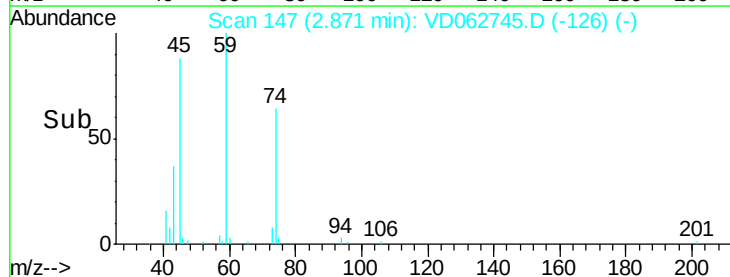
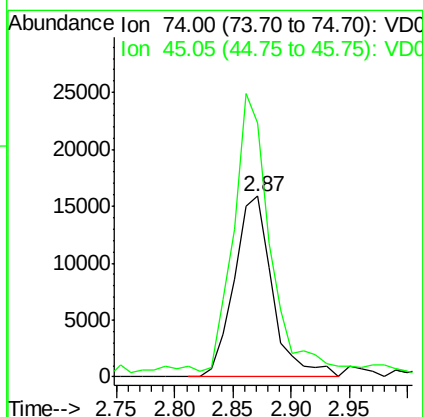
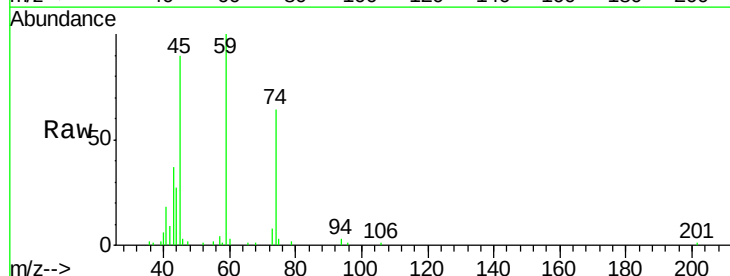
Tot Ion:101 Resp: 309715
Ion Ratio Lower Upper
101 100
103 62.2 52.2 78.2

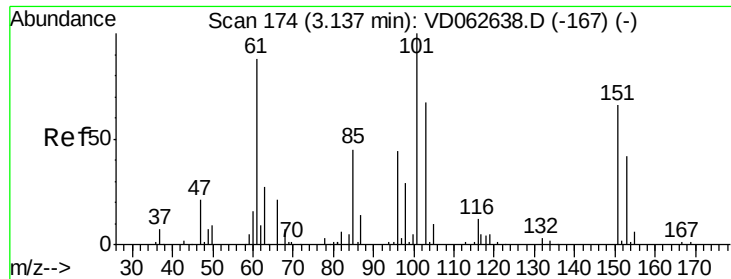


#8

Diethyl Ether
Concen: 17.113 ug/l
RT: 2.87 min Scan# 147
Delta R.T. 0.01 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

Tgt Ion: 74 Resp: 36143
Ion Ratio Lower Upper
74 100
45 140.9 74.9 224.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.153 ug/l

RT: 3.14 min Scan# 174

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBSD01

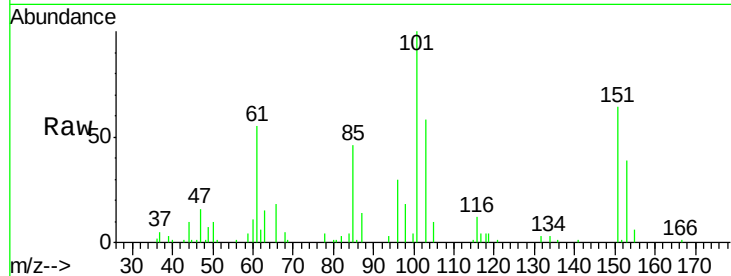
Tot Ion:101 Resp: 168772

Ion Ratio Lower Upper

101 100

85 45.5 36.0 54.0

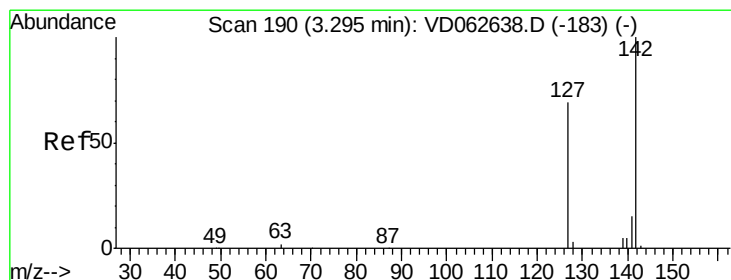
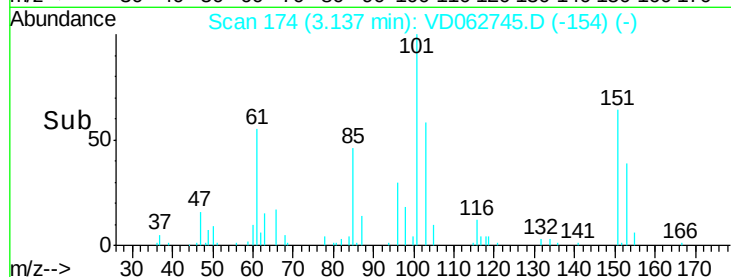
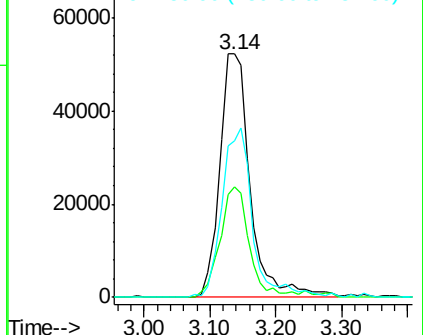
151 64.2 52.6 79.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 18.474 ug/l

RT: 3.29 min Scan# 190

Delta R.T. 0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

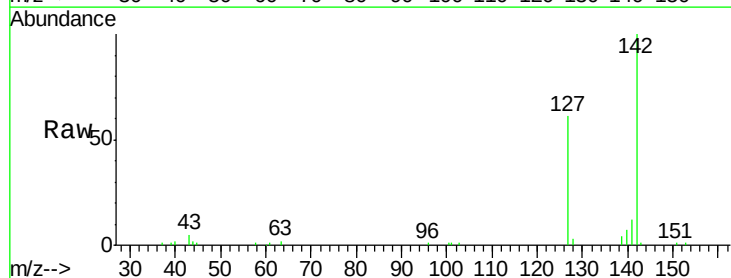
Tgt Ion:142 Resp: 191183

Ion Ratio Lower Upper

142 100

127 60.8 55.2 82.8

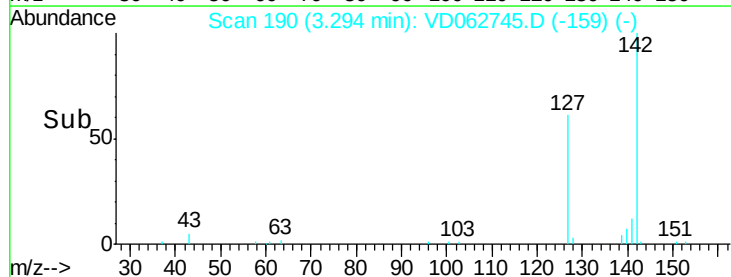
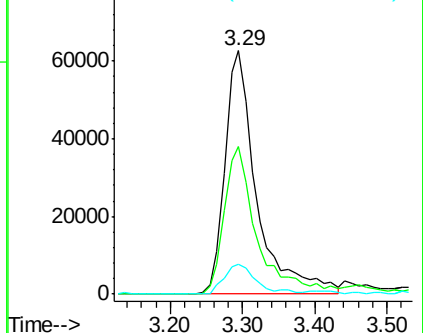
141 12.3 12.1 18.1

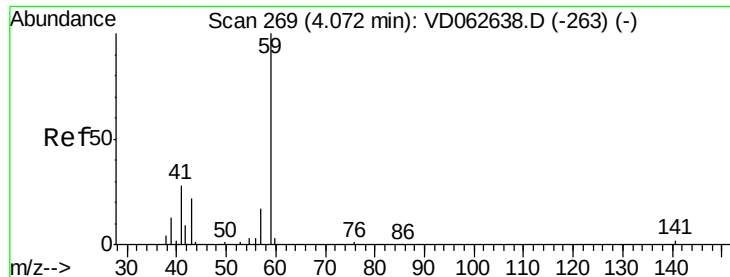


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



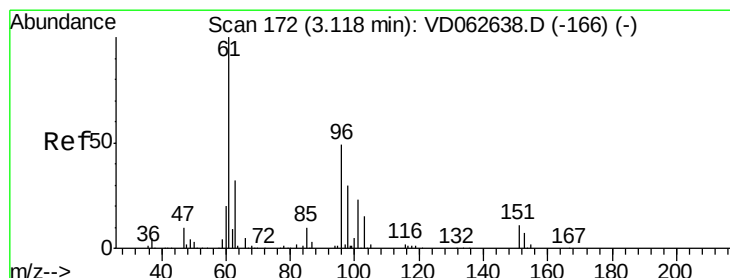
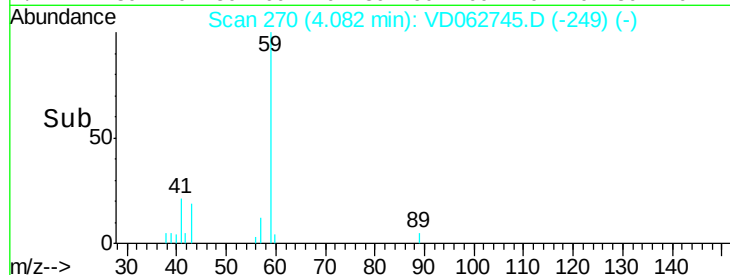
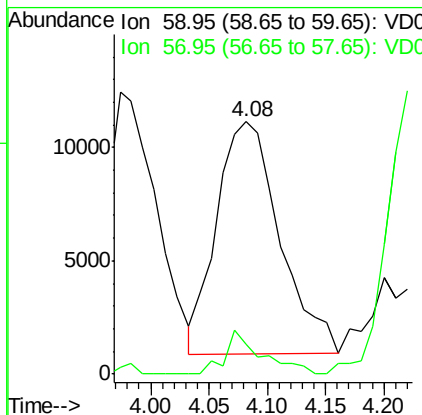
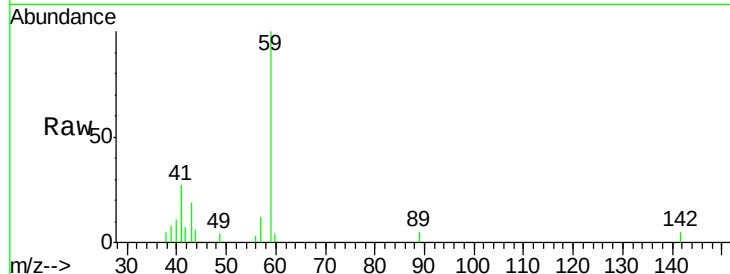


#11

Tert butyl alcohol
 Concen: 95.090 ug/l
 RT: 4.08 min Scan# 270
 Delta R.T. 0.01 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBSD01

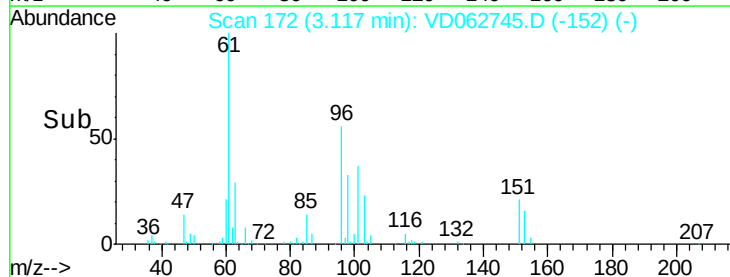
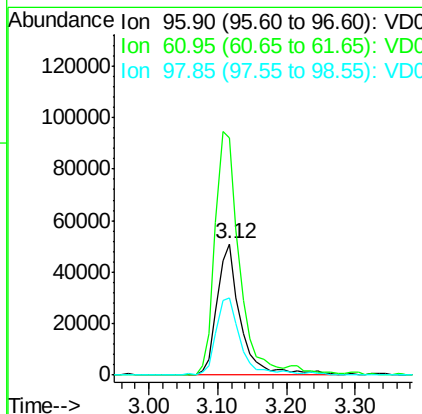
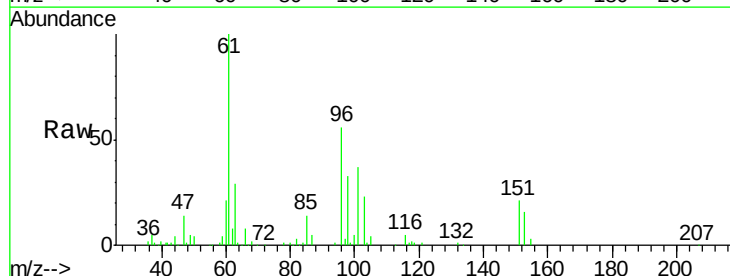
Tot Ion: 59 Resp: 38351
 Ion Ratio Lower Upper
 59 100
 57 12.0 13.7 20.5#

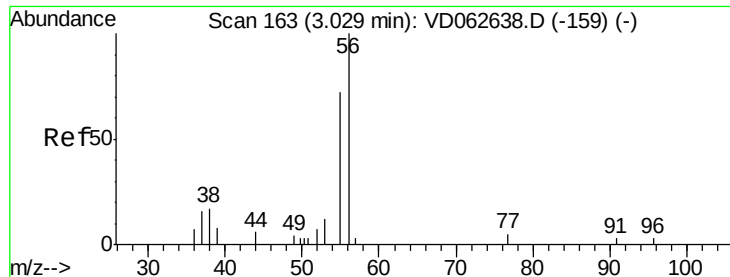


#12

1,1-Dichloroethene
 Concen: 20.154 ug/l
 RT: 3.12 min Scan# 172
 Delta R.T. -0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

Tgt Ion: 96 Resp: 121123
 Ion Ratio Lower Upper
 96 100
 61 180.0 161.8 242.8
 98 58.7 48.2 72.4





#13

Acrolein

Concen: 90.200 ug/l

RT: 3.03 min Scan# 163

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA_D

ClientSampleId :

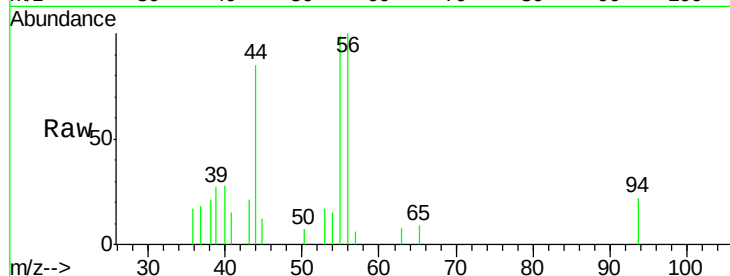
VD0618SBSD01

Tot Ion: 56 Resp: 11702

Ion Ratio Lower Upper

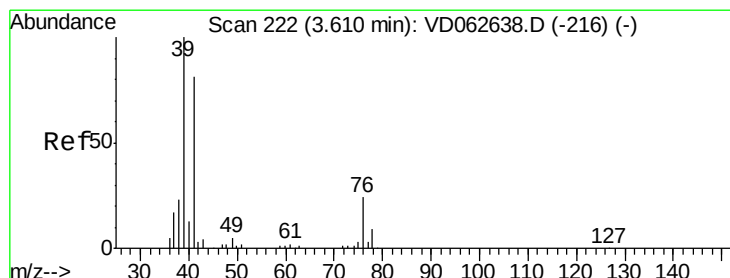
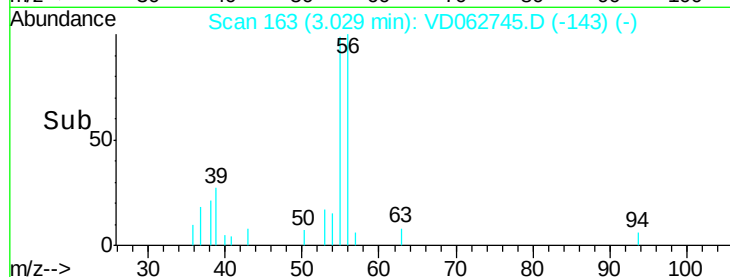
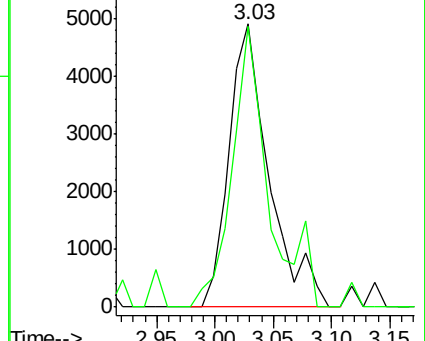
56 100

55 99.3 59.4 89.0#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 20.285 ug/l

RT: 3.61 min Scan# 222

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

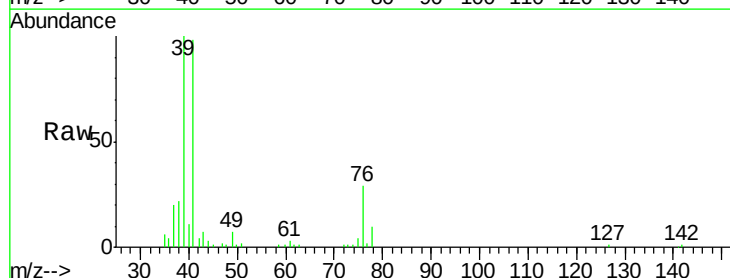
Tgt Ion: 41 Resp: 187453

Ion Ratio Lower Upper

41 100

39 102.2 99.1 148.7

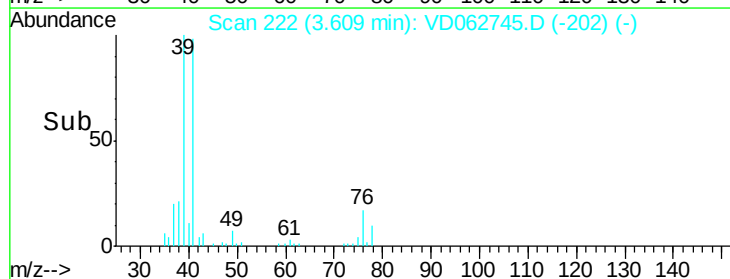
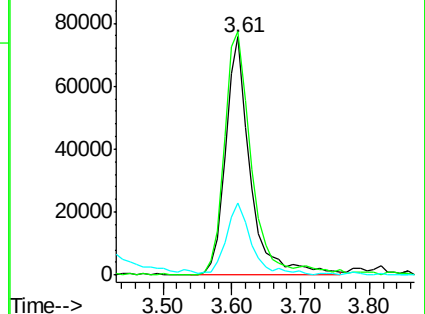
76 30.1 25.0 37.6

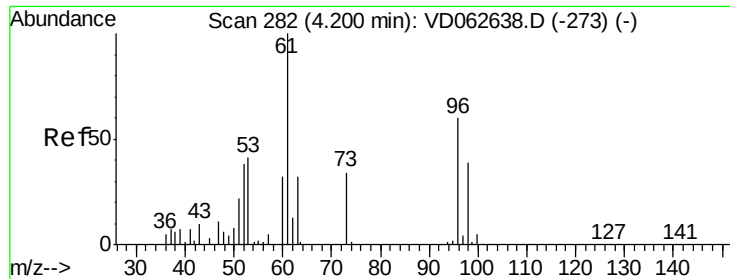


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 102.260 ug/l

RT: 4.19 min Scan# 281

Delta R.T. -0.01 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBS01

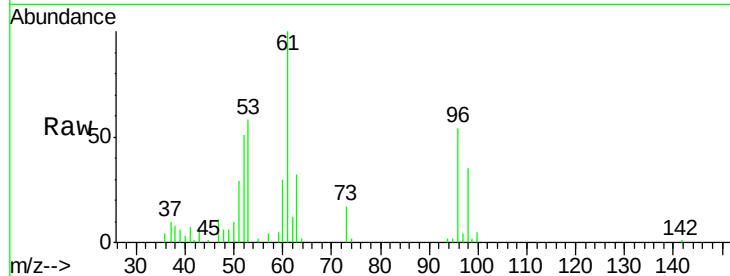
Tot Ion: 53 Resp: 93721

Ion Ratio Lower Upper

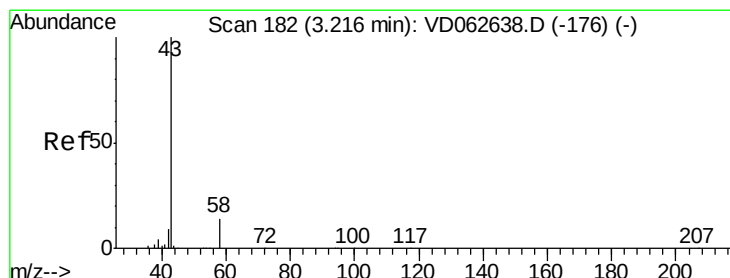
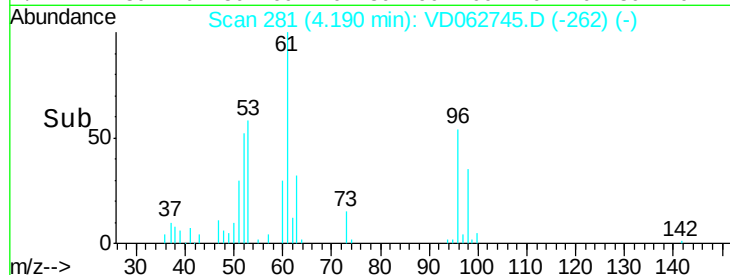
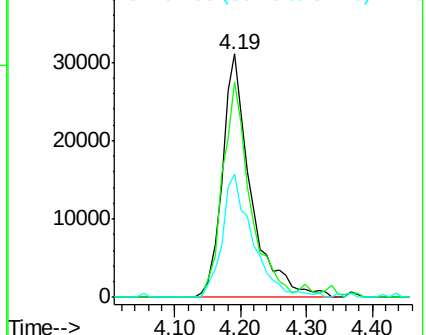
53 100

52 88.5 73.6 110.4

51 50.8 42.0 63.0



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



#16

Acetone

Concen: 101.031 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD062745.D

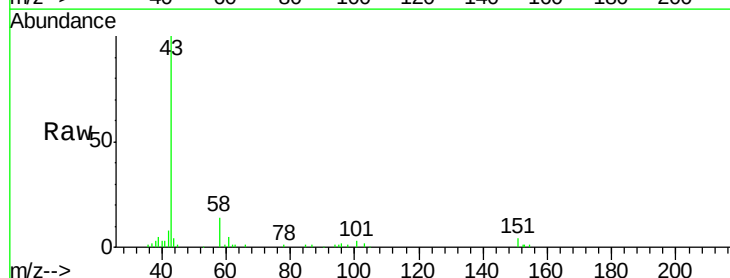
Acq: 18 Jun 2019 13:15

Tgt Ion: 43 Resp: 181521

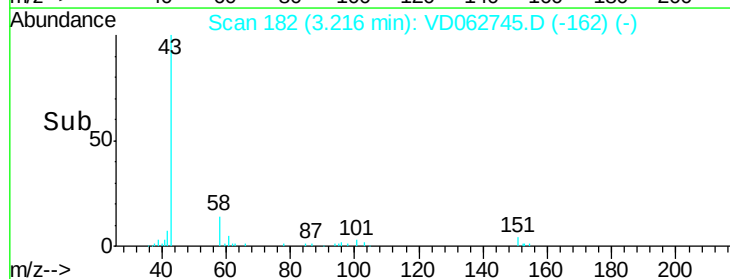
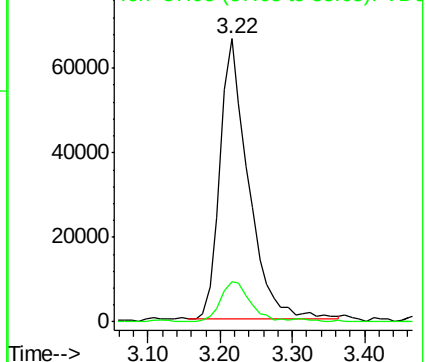
Ion Ratio Lower Upper

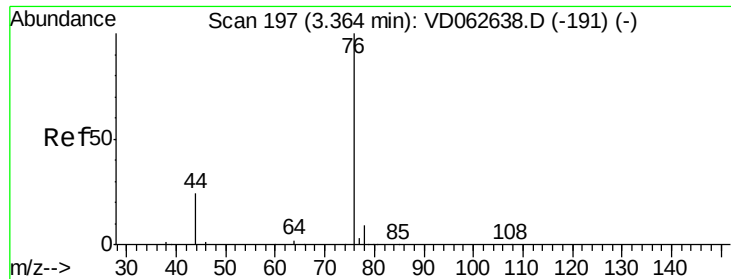
43 100

58 14.2 10.8 16.2



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

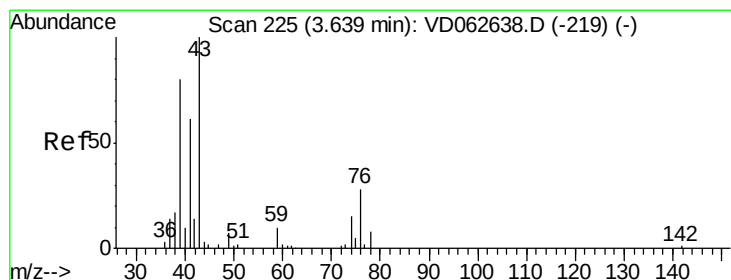
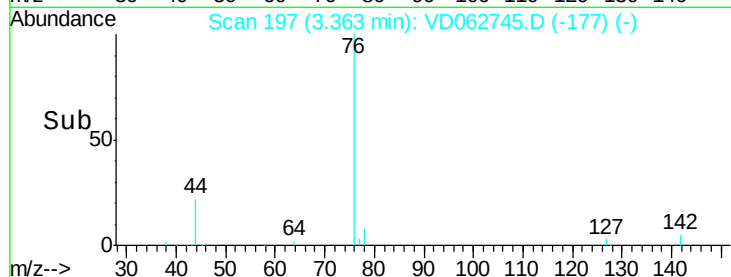
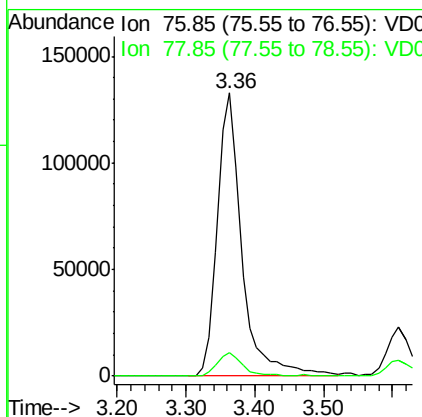
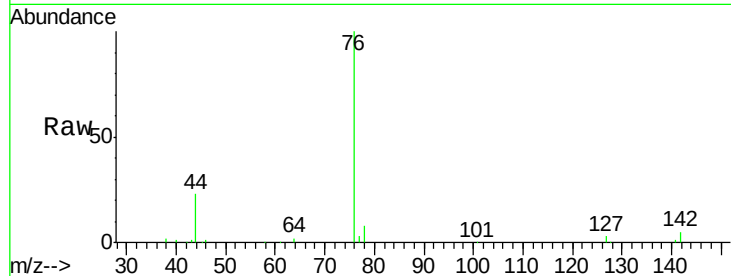




#17
Carbon Disulfide
Concen: 18.552 ug/l
RT: 3.36 min Scan# 197
Delta R.T. -0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

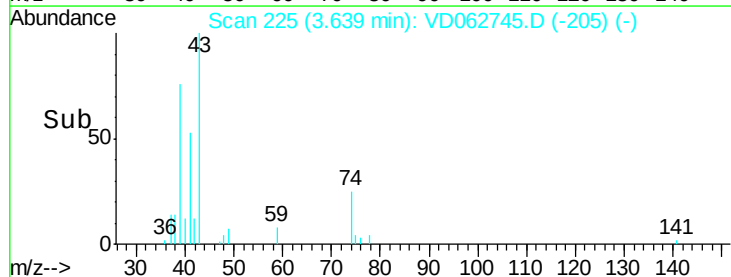
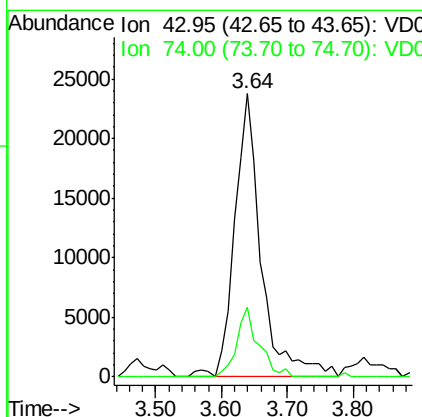
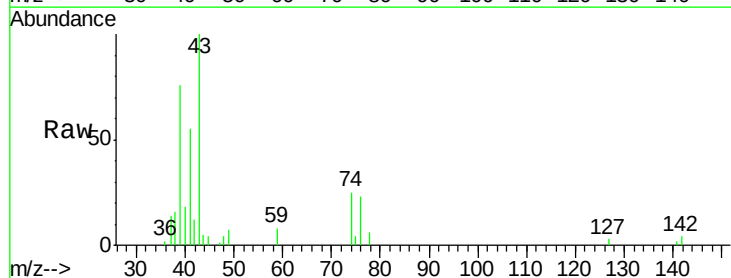
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

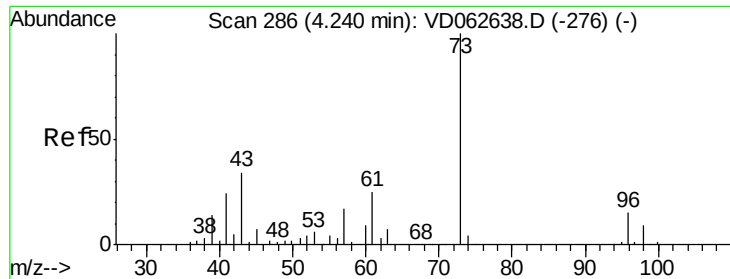
Tot Ion: 76 Resp: 328568
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4



#18
Methyl Acetate
Concen: 22.641 ug/l
RT: 3.64 min Scan# 225
Delta R.T. -0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

Tgt Ion: 43 Resp: 66852
Ion Ratio Lower Upper
43 100
74 24.8 12.1 18.1#

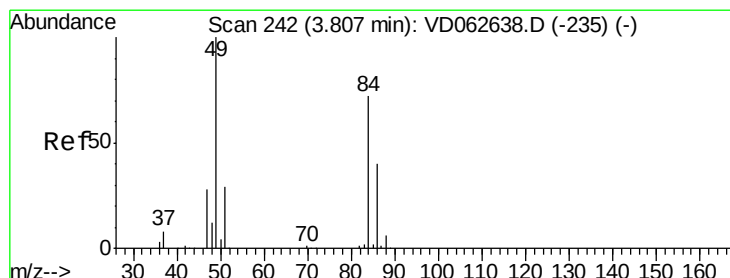
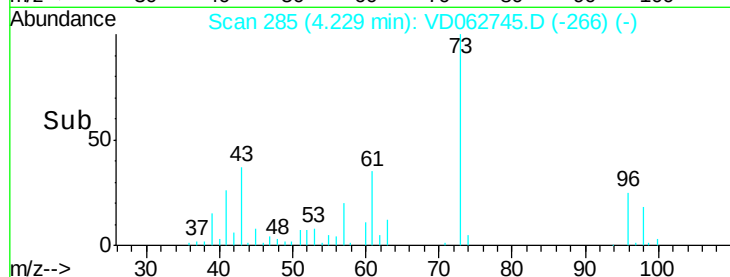
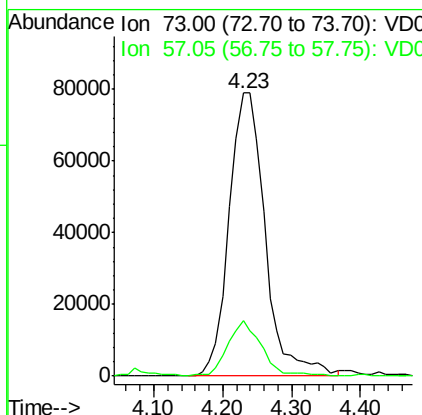
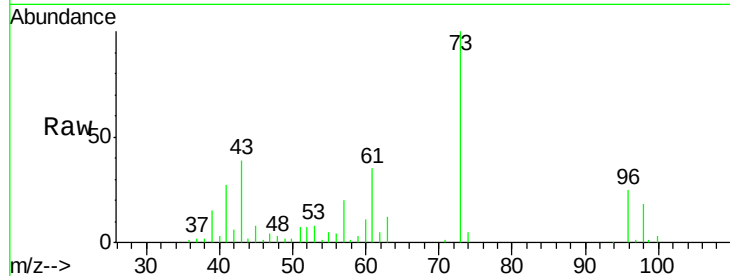




#19
Methyl tert-butyl Ether
Concen: 19.618 ug/l
RT: 4.23 min Scan# 285
Delta R.T. -0.01 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

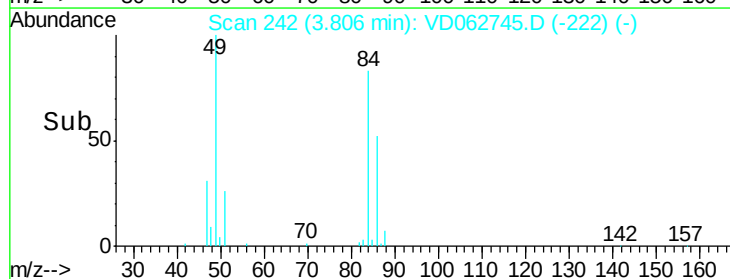
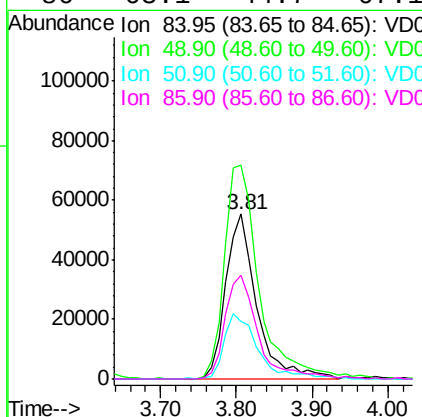
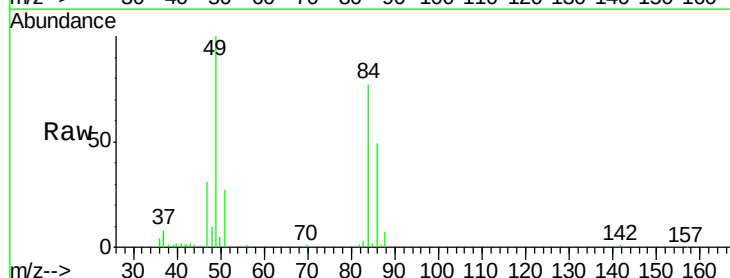
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

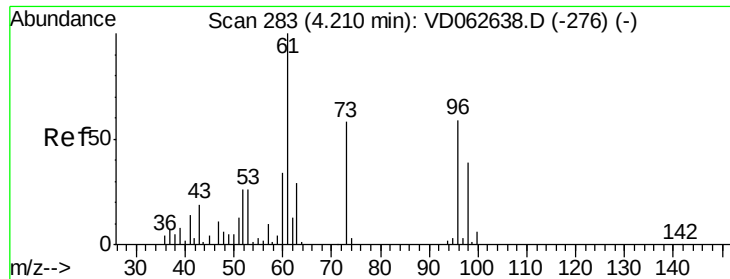
Tot Ion: 73 Resp: 287559
Ion Ratio Lower Upper
73 100
57 19.5 13.5 20.3



#20
Methylene Chloride
Concen: 22.842 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

Tgt Ion: 84 Resp: 156688
Ion Ratio Lower Upper
84 100
49 129.8 111.2 166.8
51 34.9 31.9 47.9
86 63.1 44.7 67.1





#21

trans-1,2-Dichloroethene

Concen: 18.707 ug/l

RT: 4.21 min Scan# 283

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBS01

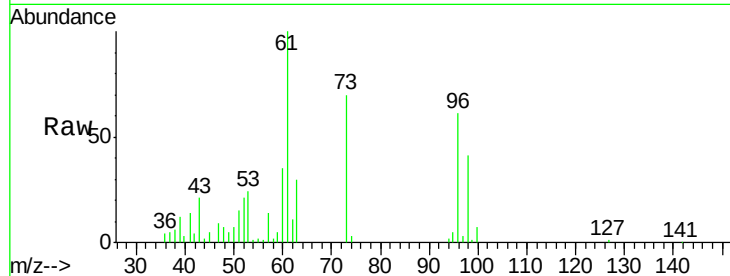
Tot Ion: 96 Resp: 123322

Ion Ratio Lower Upper

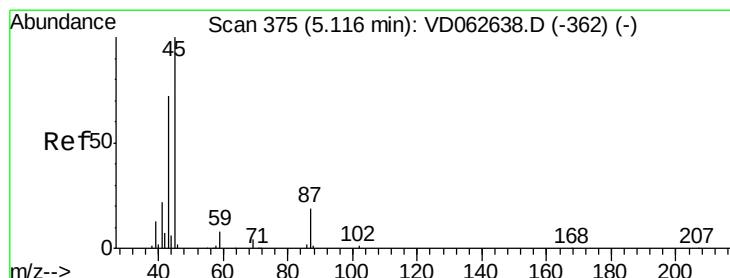
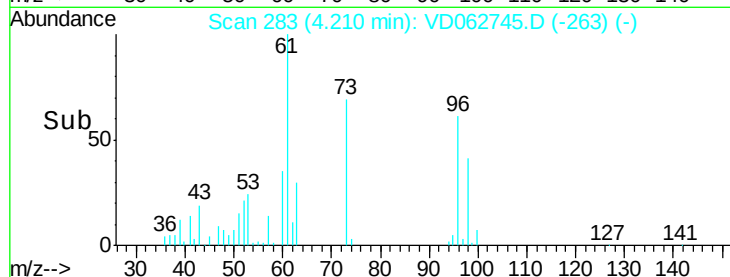
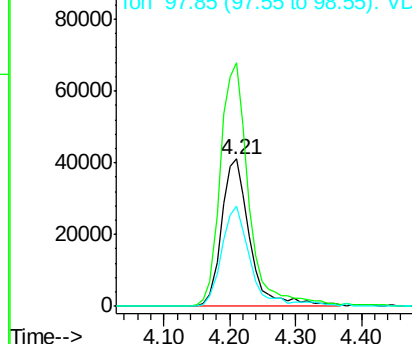
96 100

61 165.1 134.6 201.8

98 68.3 51.8 77.8



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



#22

Diisopropyl ether

Concen: 20.365 ug/l

RT: 5.12 min Scan# 375

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Tgt Ion: 45 Resp: 390763

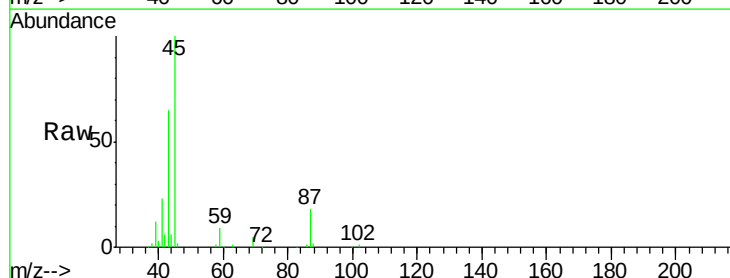
Ion Ratio Lower Upper

45 100

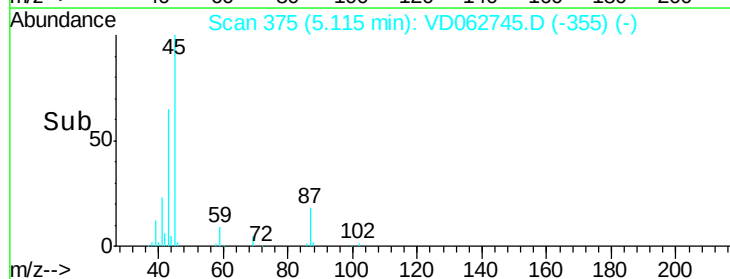
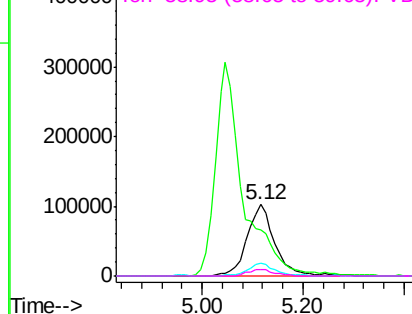
43 65.2 58.8 88.2

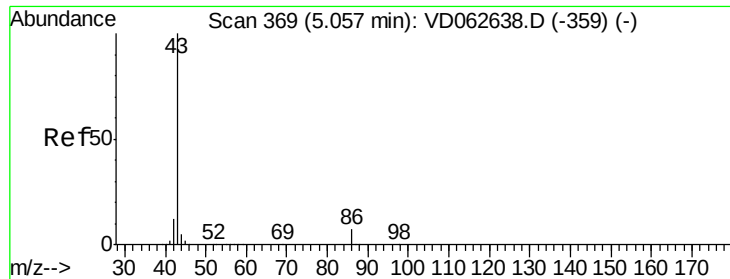
87 18.3 15.7 23.5

59 8.6 6.6 9.8



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





#23

Vinyl Acetate

Concen: 98.787 ug/l

RT: 5.05 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA_D

ClientSampleId :

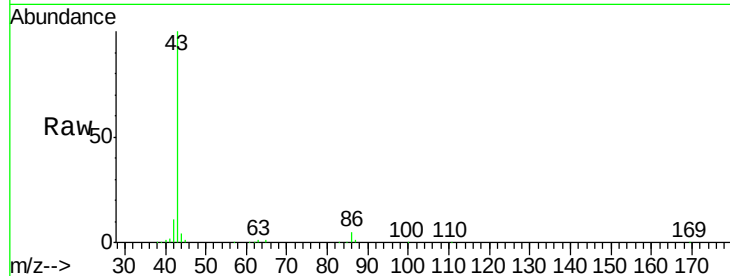
VD0618SBSD01

Tot Ion: 43 Resp: 1175926

Ion Ratio Lower Upper

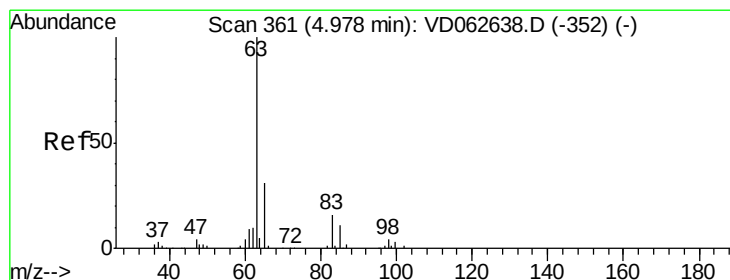
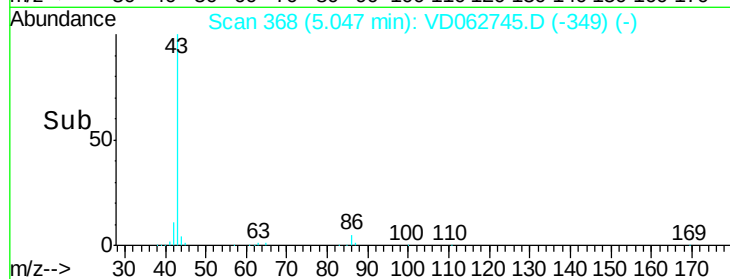
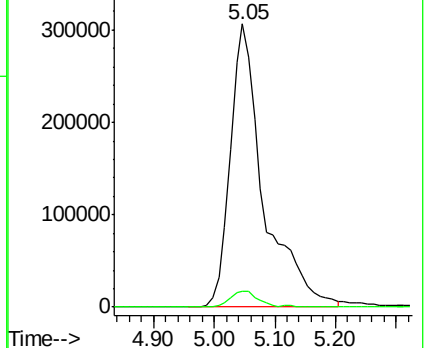
43 100

86 5.4 5.3 7.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.696 ug/l

RT: 4.97 min Scan# 360

Delta R.T. -0.01 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

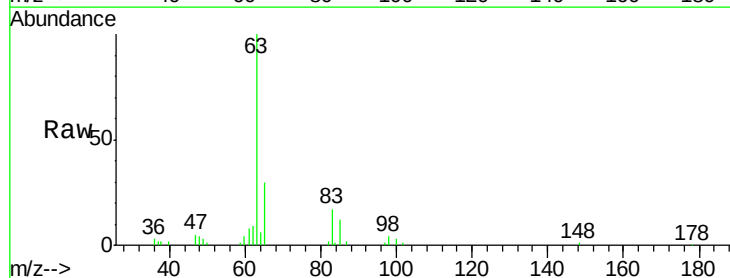
Tgt Ion: 63 Resp: 243117

Ion Ratio Lower Upper

63 100

98 3.9 1.8 5.4

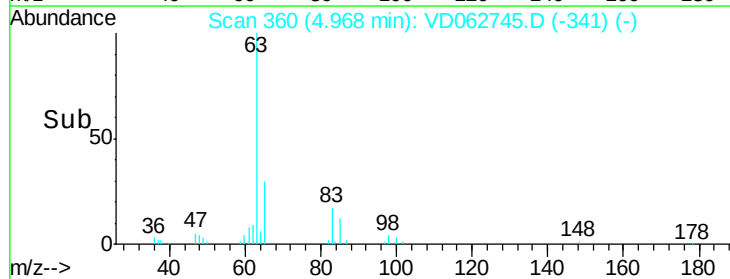
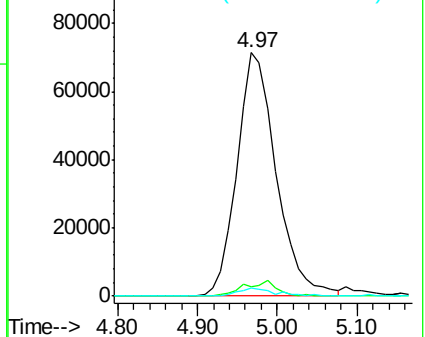
100 3.1 1.5 4.4

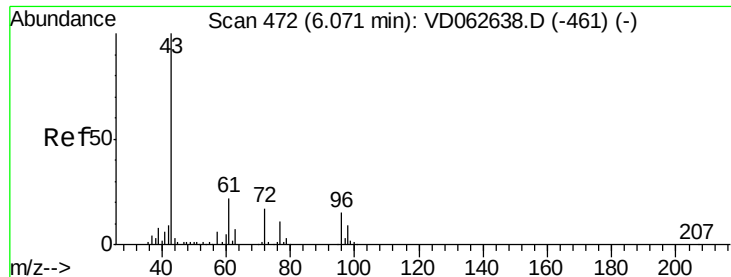


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 96.865 ug/l

RT: 6.07 min Scan# 472

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA_D

ClientSampleId :

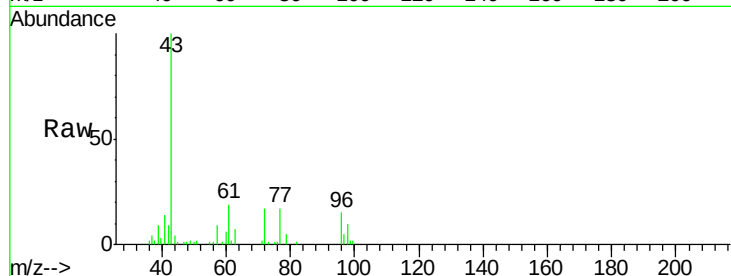
VD0618SBS01

Tot Ion: 43 Resp: 169788

Ion Ratio Lower Upper

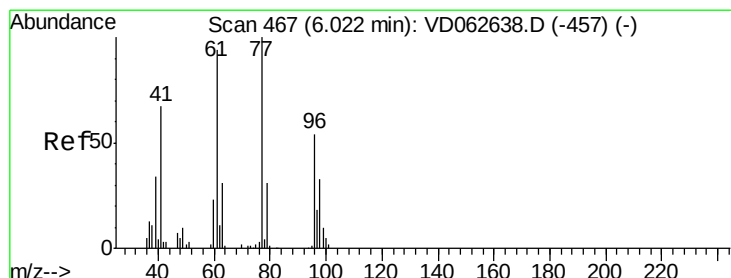
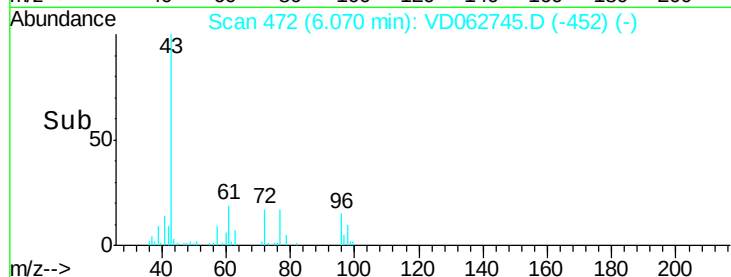
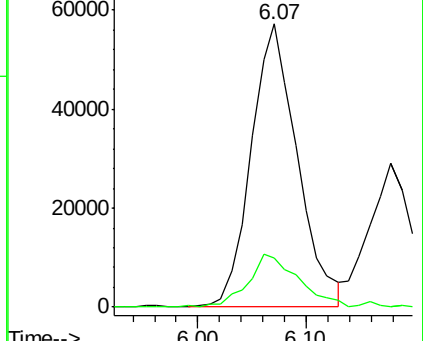
43 100

72 17.5 13.5 20.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 20.303 ug/l

RT: 6.01 min Scan# 466

Delta R.T. -0.01 min

Lab File: VD062745.D

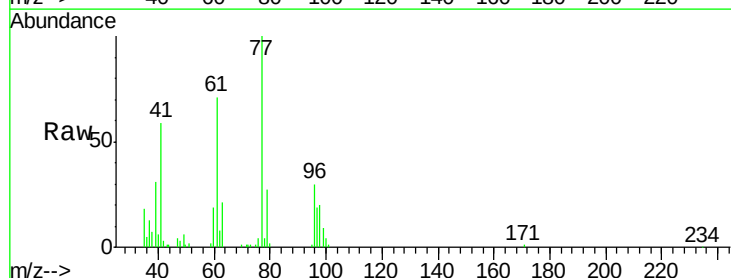
Acq: 18 Jun 2019 13:15

Tgt Ion: 77 Resp: 288832

Ion Ratio Lower Upper

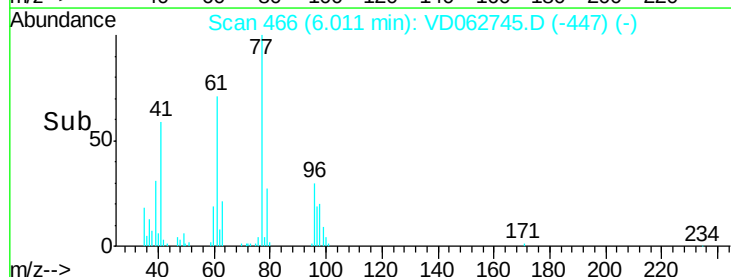
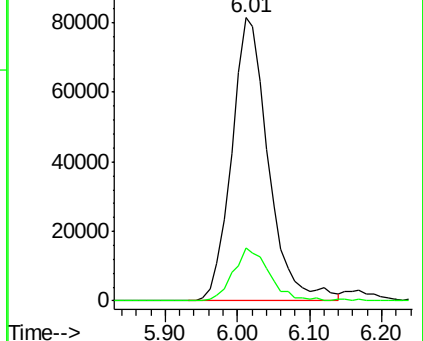
77 100

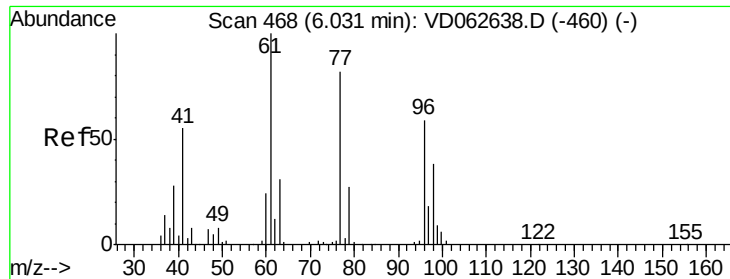
97 18.7 8.8 26.5



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



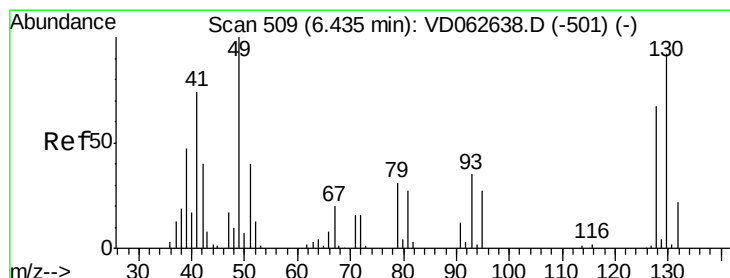
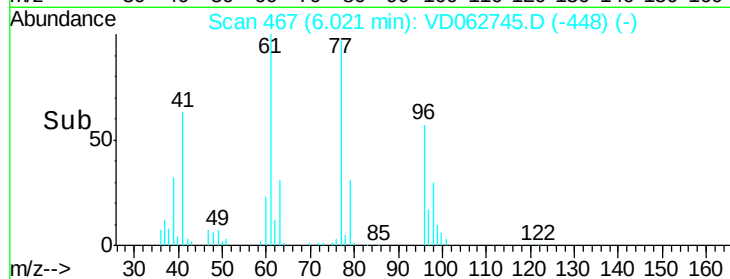
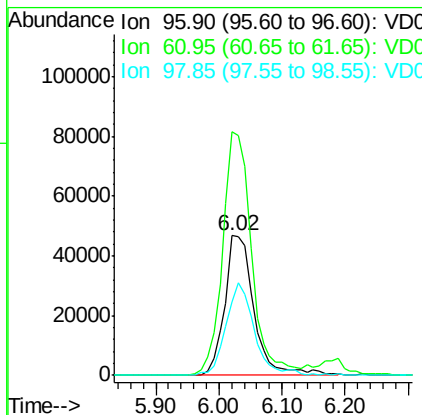
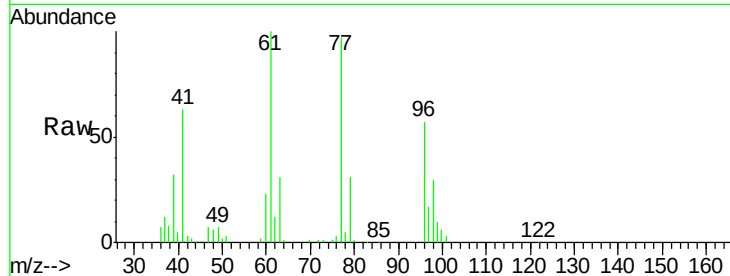


#27

cis-1,2-Dichloroethene
Concen: 20.983 ug/l
RT: 6.02 min Scan# 467
Delta R.T. -0.01 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

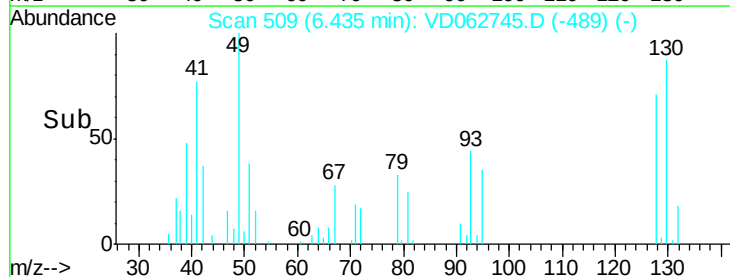
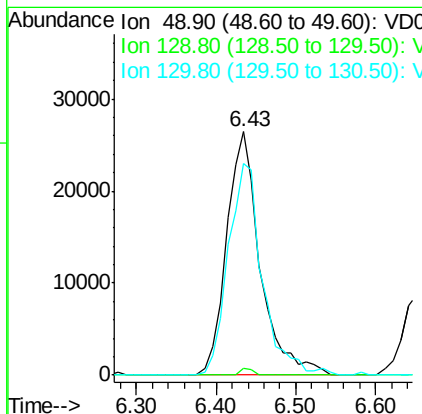
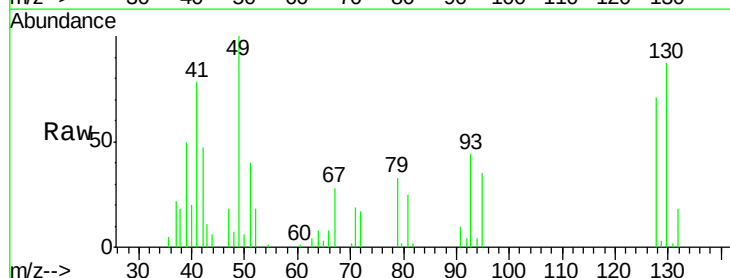
Tot Ion: 96 Resp: 149960
Ion Ratio Lower Upper
96 100
61 174.1 0.0 340.0
98 52.8 0.0 127.6

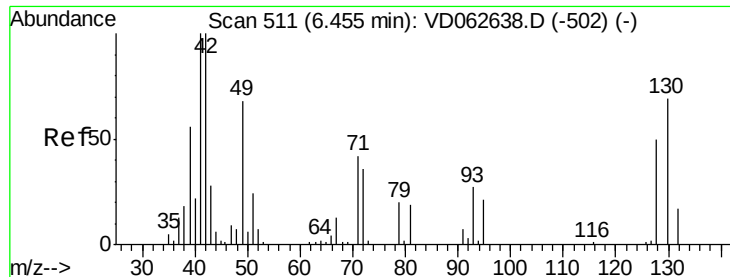


#28

Bromochloromethane
Concen: 16.453 ug/l
RT: 6.43 min Scan# 509
Delta R.T. -0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

Tgt Ion: 49 Resp: 77636
Ion Ratio Lower Upper
49 100
129 2.6 0.0 8.2
130 86.7 73.4 110.0





#29

Tetrahydrofuran

Concen: 95.053 ug/l

RT: 6.45 min Scan# 511

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBSD01

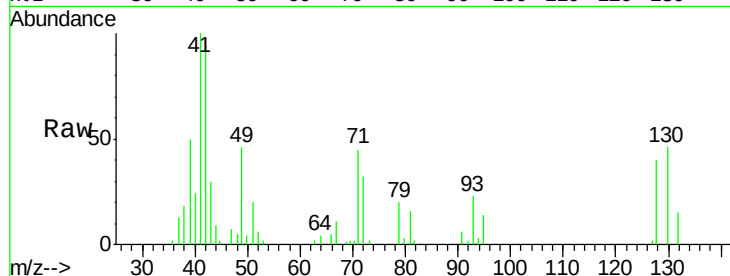
Tot Ion: 42 Resp: 75030

Ion Ratio Lower Upper

42 100

72 40.8 33.8 50.6

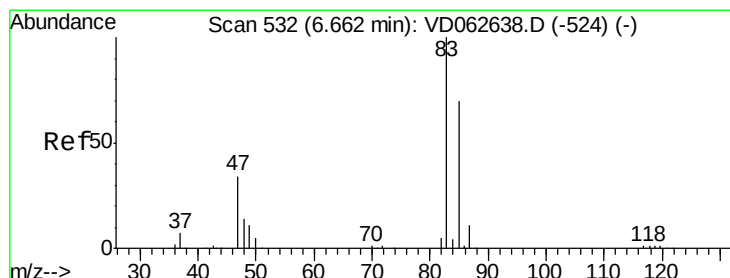
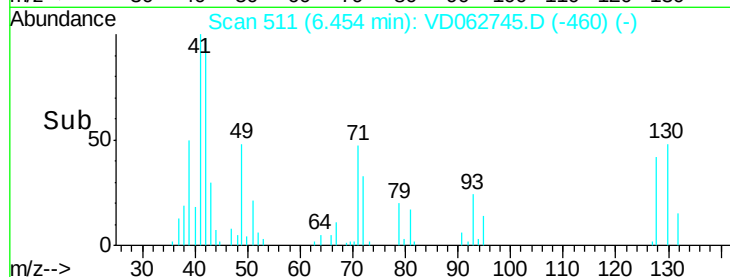
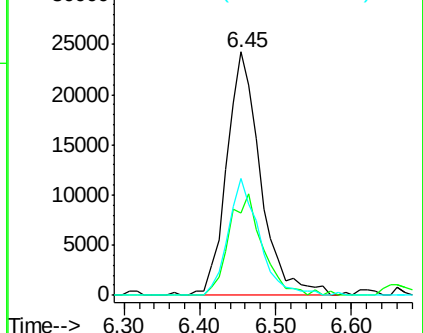
71 44.1 34.2 51.4



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 19.464 ug/l

RT: 6.66 min Scan# 532

Delta R.T. -0.00 min

Lab File: VD062745.D

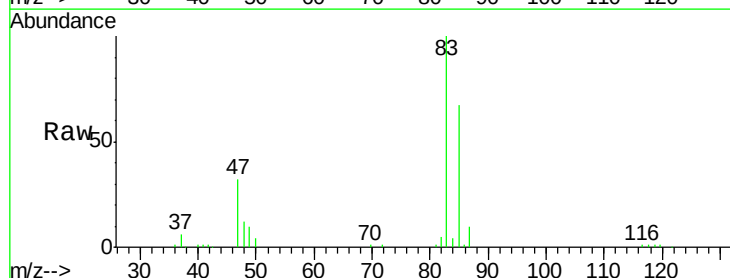
Acq: 18 Jun 2019 13:15

Tgt Ion: 83 Resp: 308250

Ion Ratio Lower Upper

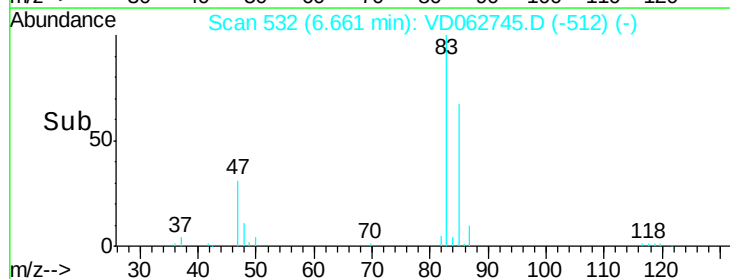
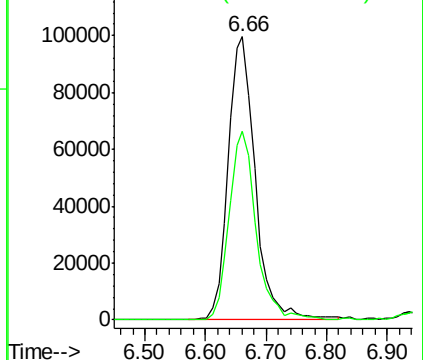
83 100

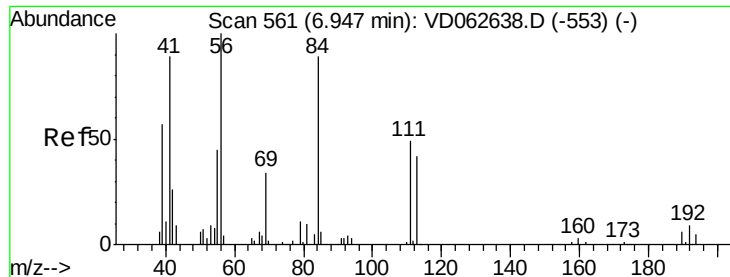
85 66.9 55.8 83.6



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

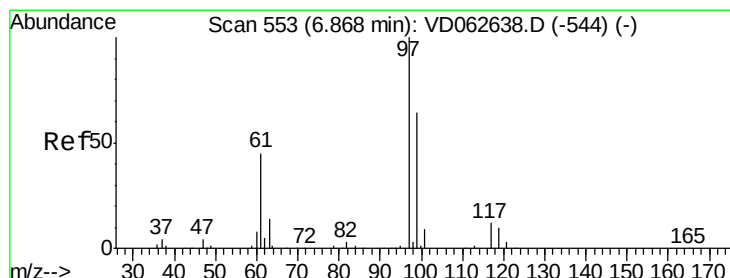
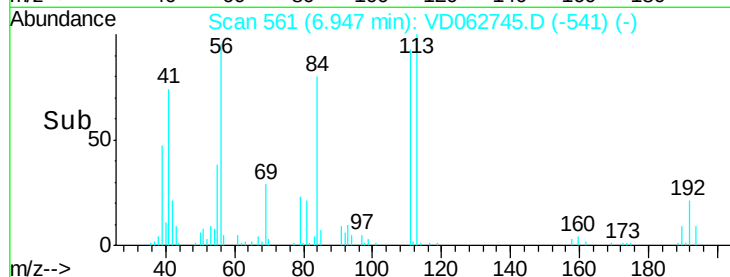
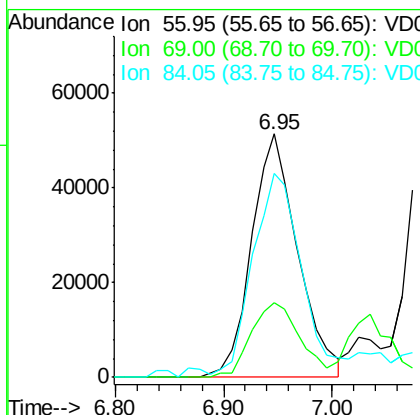
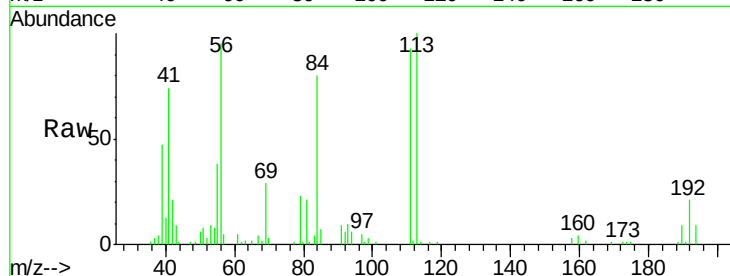




#31
Cyclohexane
Concen: 19.616 ug/l
RT: 6.95 min Scan# 561
Delta R.T. -0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

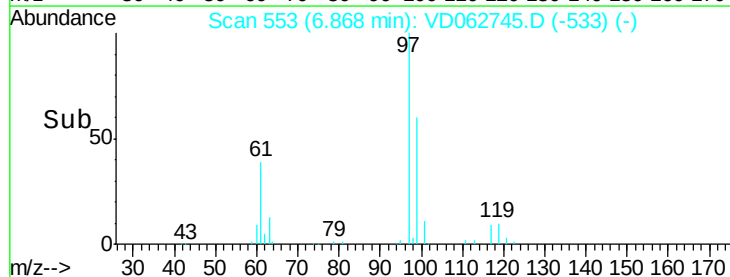
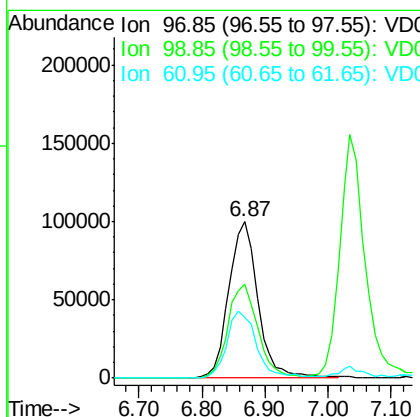
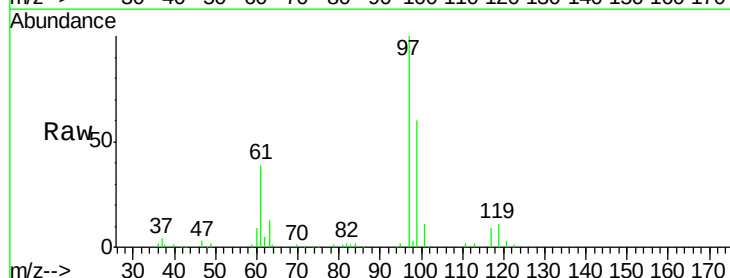
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

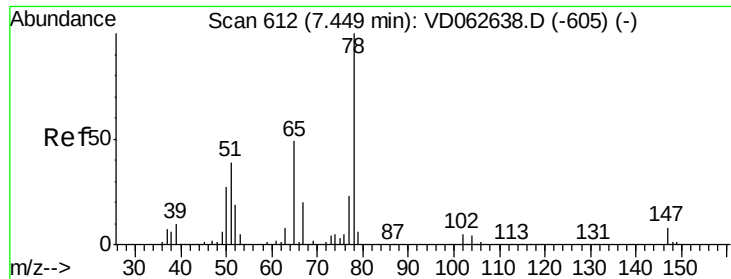
Tot Ion: 56 Resp: 151889
Ion Ratio Lower Upper
56 100
69 30.5 26.8 40.2
84 83.7 73.9 110.9



#32
1,1,1-Trichloroethane
Concen: 20.184 ug/l
RT: 6.87 min Scan# 553
Delta R.T. -0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

Tgt Ion: 97 Resp: 318074
Ion Ratio Lower Upper
97 100
99 60.0 51.4 77.0
61 39.2 35.6 53.4

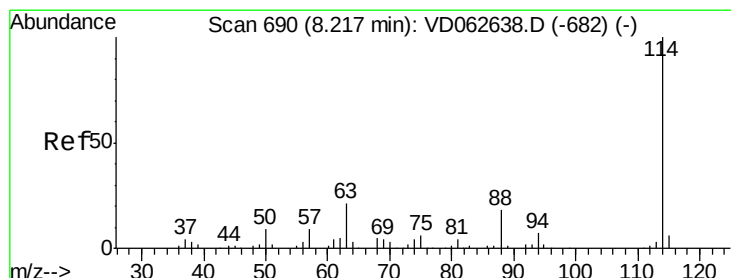
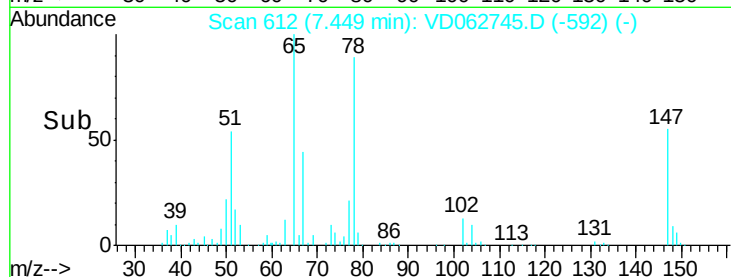
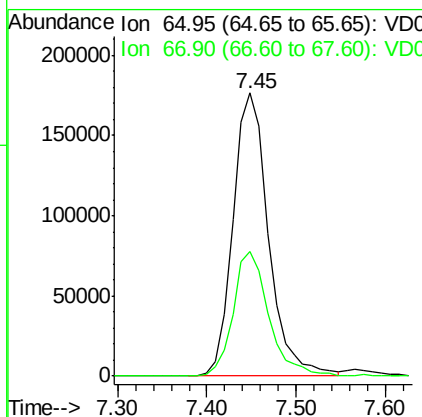
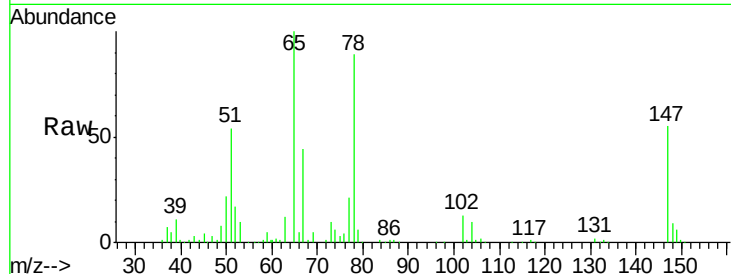




#33
 1,2-Dichloroethane-d4
 Concen: 49.842 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

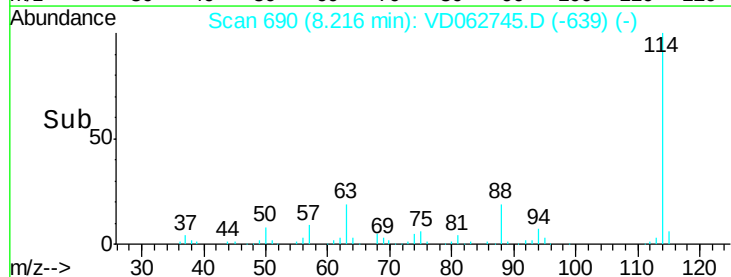
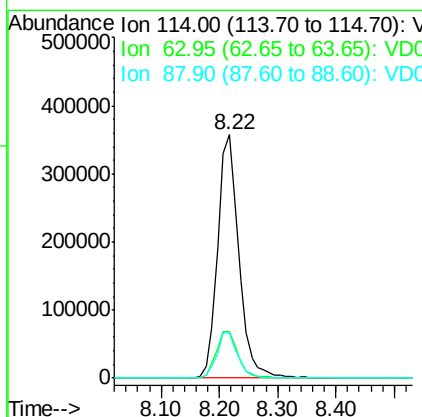
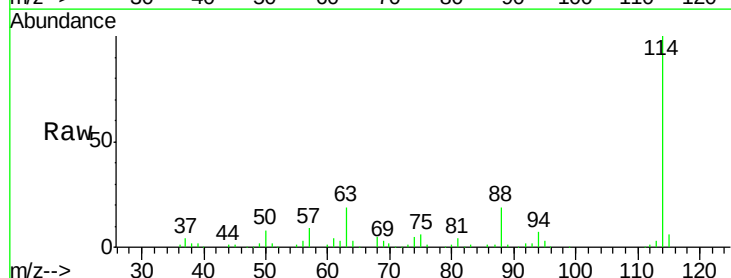
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBSD01

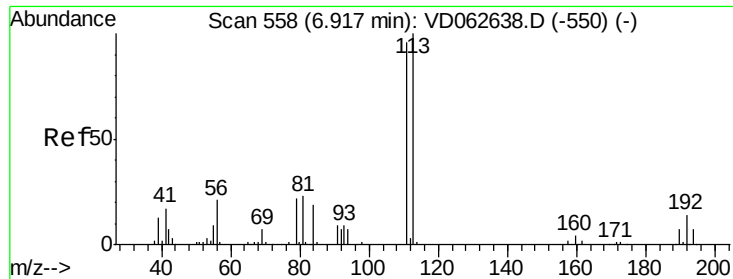
Tot Ion: 65 Resp: 489036
 Ion Ratio Lower Upper
 65 100
 67 44.3 0.0 81.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

Tgt Ion: 114 Resp: 906253
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.4
 88 18.7 0.0 36.8

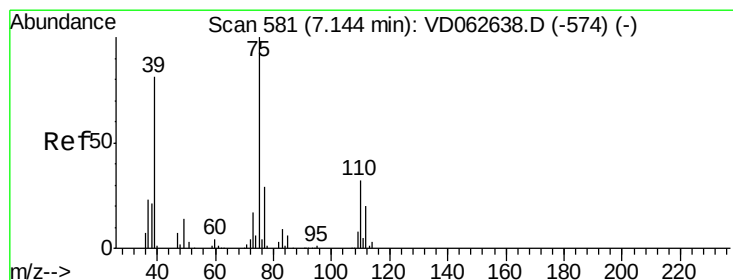
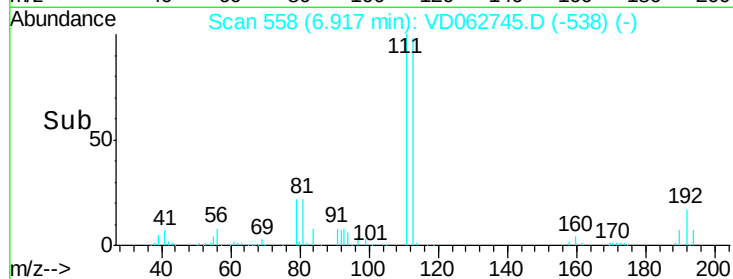
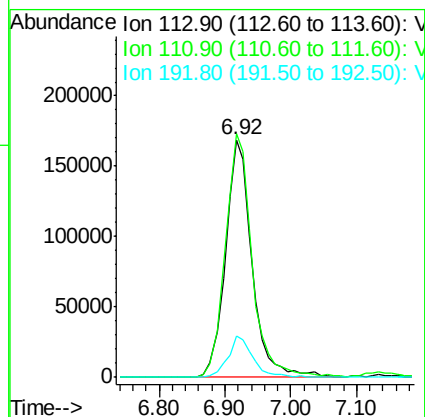
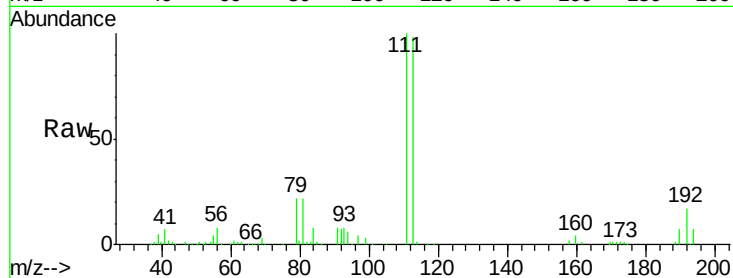




#35
 Dibromofluoromethane
 Concen: 49.568 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

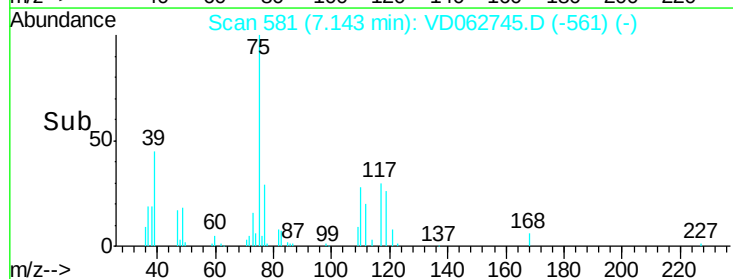
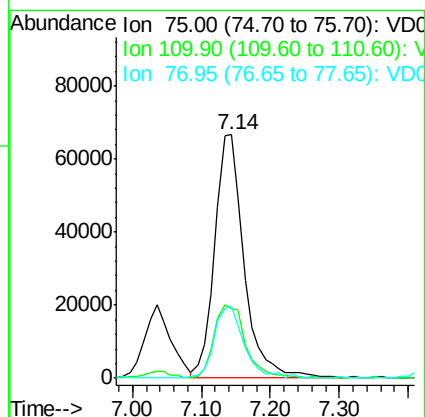
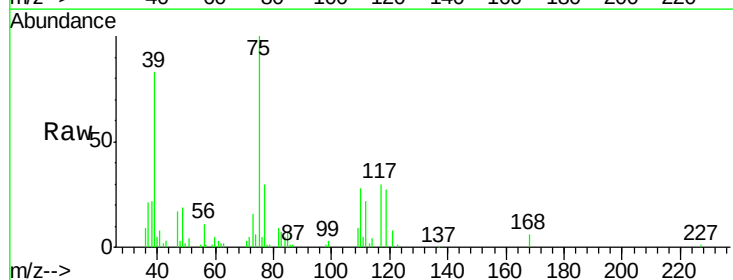
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBSD01

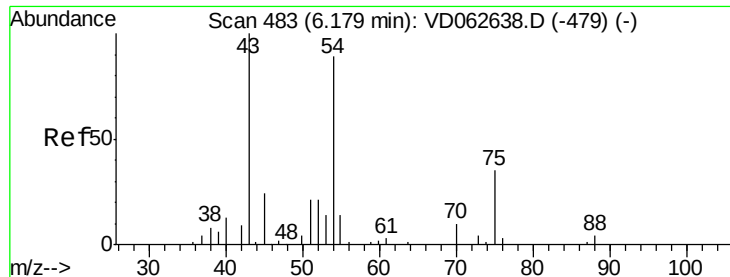
Tot Ion:113 Resp: 473752
 Ion Ratio Lower Upper
 113 100
 111 102.5 76.4 114.6
 192 17.5 11.4 17.0#



#36
 1,1-Dichloropropene
 Concen: 18.995 ug/l
 RT: 7.14 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

Tgt Ion: 75 Resp: 197018
 Ion Ratio Lower Upper
 75 100
 110 28.4 15.9 47.7
 77 29.5 23.3 34.9

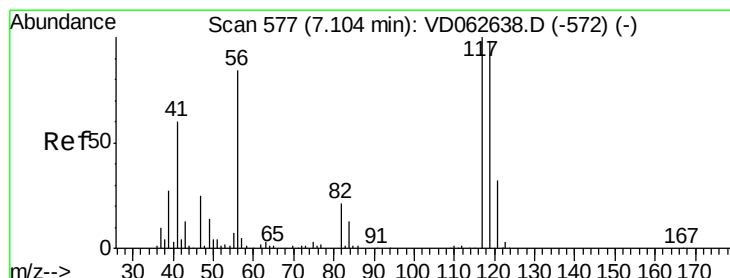
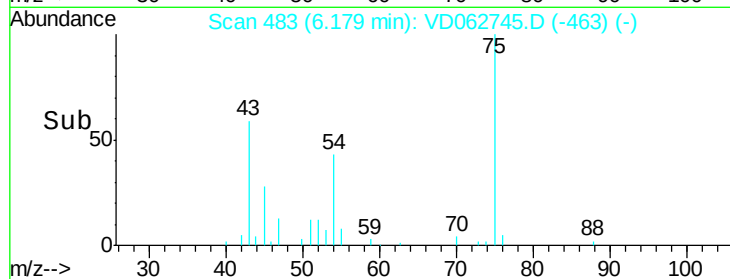
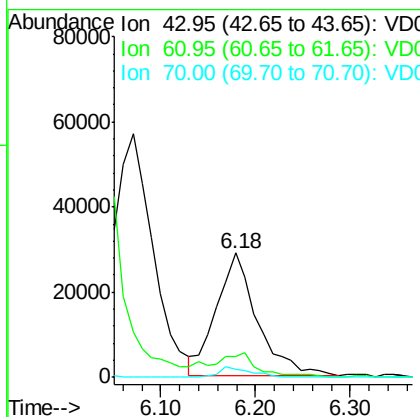
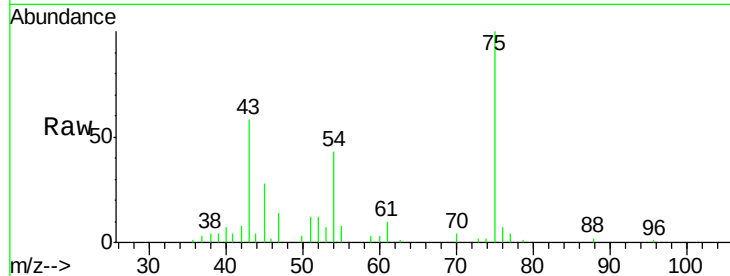




#37
Ethyl Acetate
Concen: 20.324 ug/l
RT: 6.18 min Scan# 483
Delta R.T. -0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

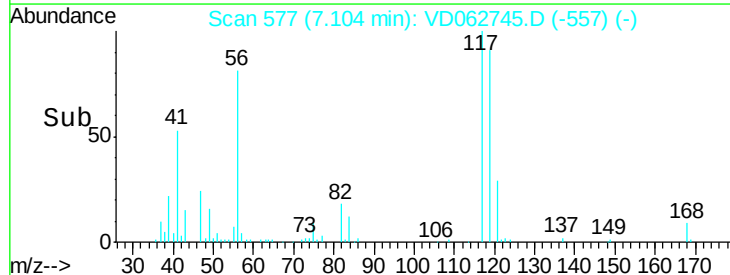
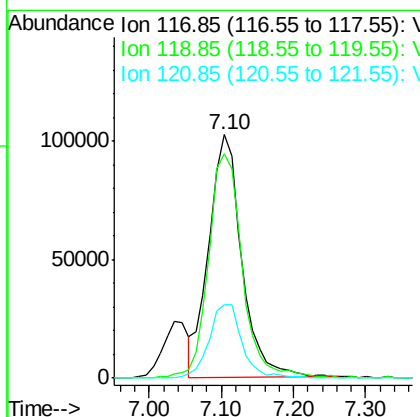
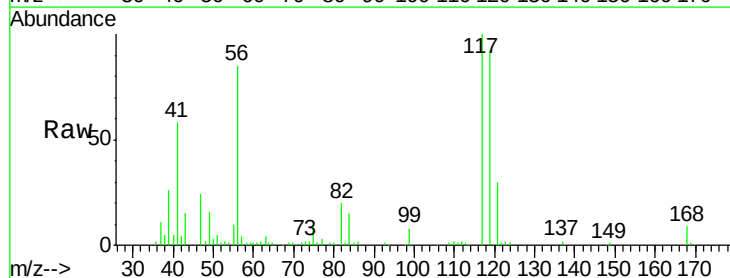
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

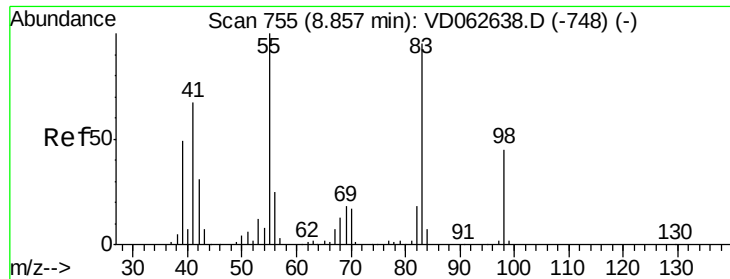
Tot Ion: 43 Resp: 86651
Ion Ratio Lower Upper
43 100
61 17.1 8.7 13.1#
70 6.0 6.5 9.7#



#38
Carbon Tetrachloride
Concen: 19.742 ug/l
RT: 7.10 min Scan# 577
Delta R.T. -0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

Tgt Ion: 117 Resp: 323649
Ion Ratio Lower Upper
117 100
119 91.9 73.5 110.3
121 30.0 24.2 36.4

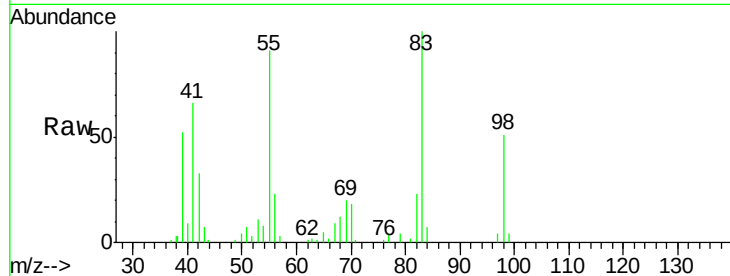




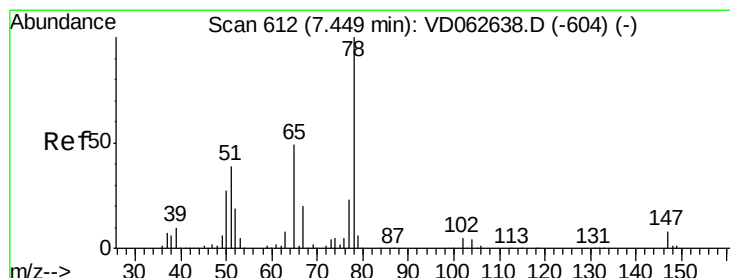
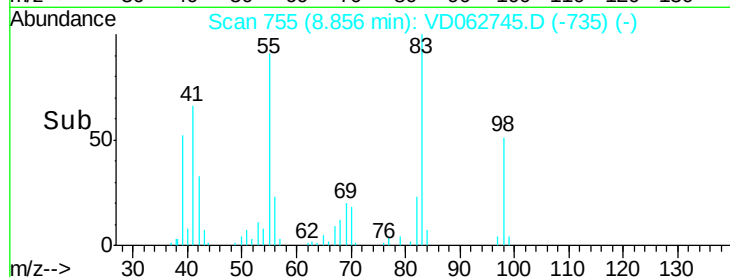
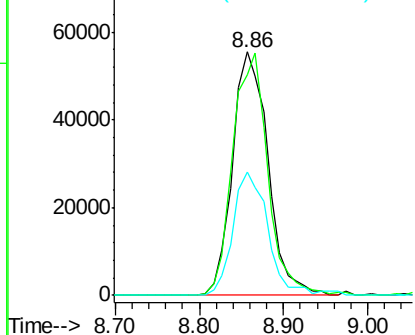
#39
Methylvlcyclohexane
Concen: 19.491 ug/l
RT: 8.86 min Scan# 755
Delta R.T. -0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

Tot Ion: 83 Resp: 163362
Ion Ratio Lower Upper
83 100
55 90.6 84.6 127.0
98 50.9 38.2 57.4

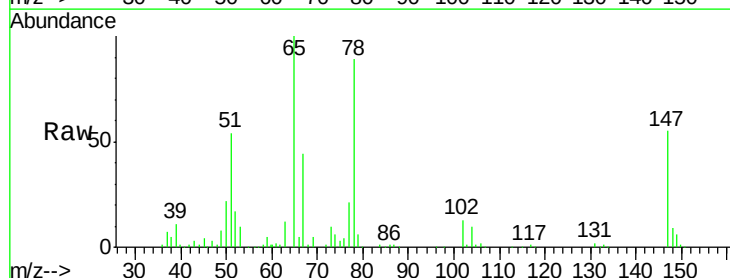


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

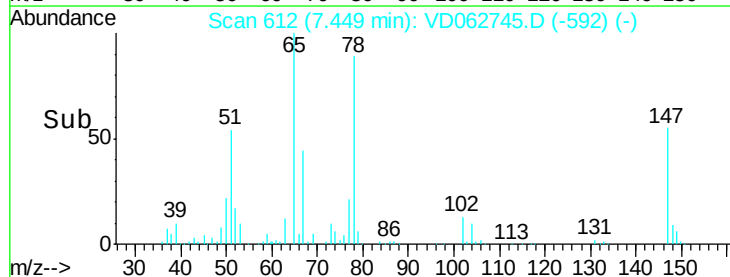
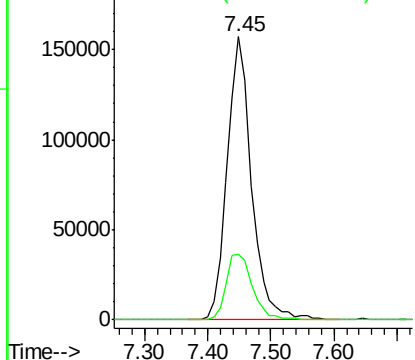


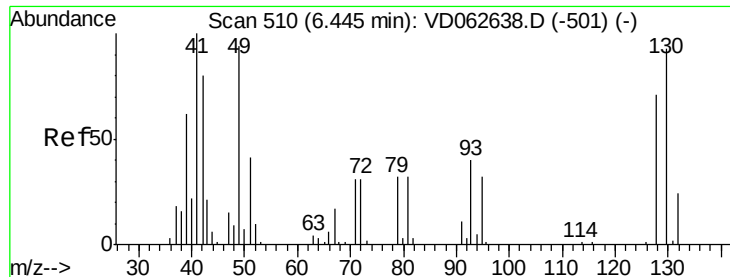
#40
Benzene
Concen: 20.726 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

Tgt Ion: 78 Resp: 419812
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0



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

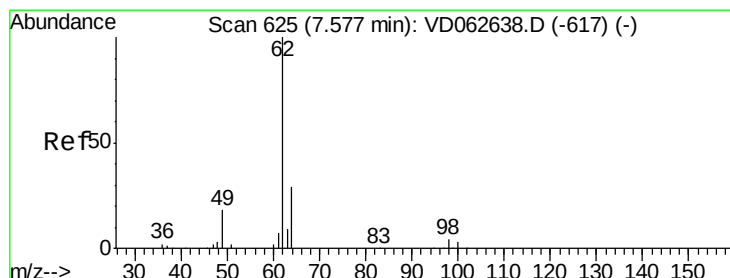
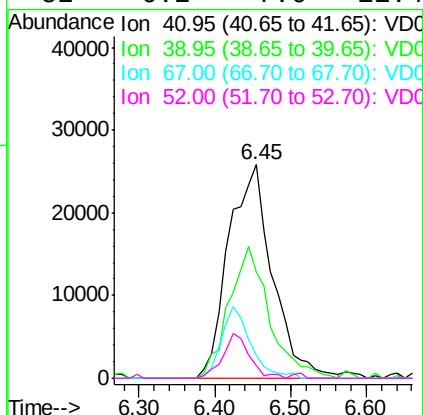
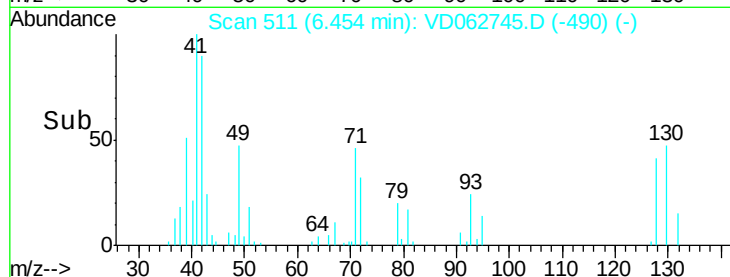
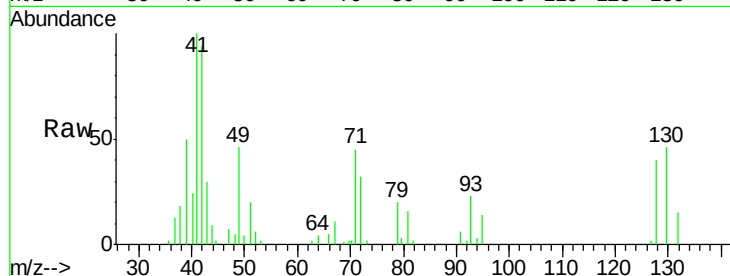




#41
Methacrylonitrile
Concen: 19.082 ug/l
RT: 6.45 min Scan# 511
Delta R.T. 0.01 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

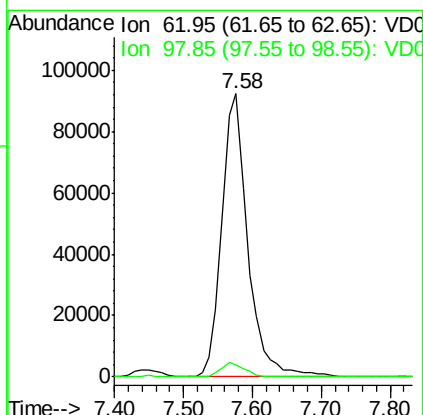
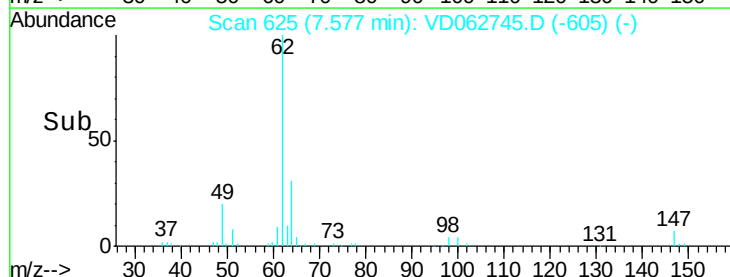
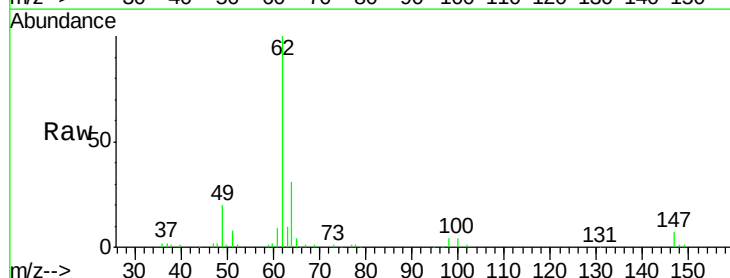
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

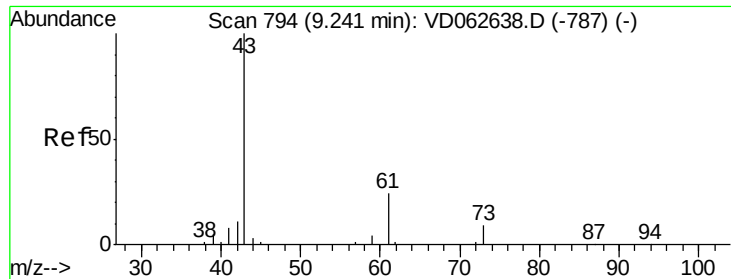
Tot Ion:	41	Resp:	103605
Ion	Ratio	Lower	Upper
41	100		
39	49.6	49.2	73.8
67	11.0	13.9	20.9#
52	6.2	7.6	11.4#



#42
1,2-Dichloroethane
Concen: 19.996 ug/l
RT: 7.58 min Scan# 625
Delta R.T. -0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

Tgt Ion:	62	Resp:	241413
Ion	Ratio	Lower	Upper
62	100		
98	4.4	0.0	7.4





#43

Isopropyl Acetate

Concen: 20.181 ug/l

RT: 9.24 min Scan# 794

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBSD01

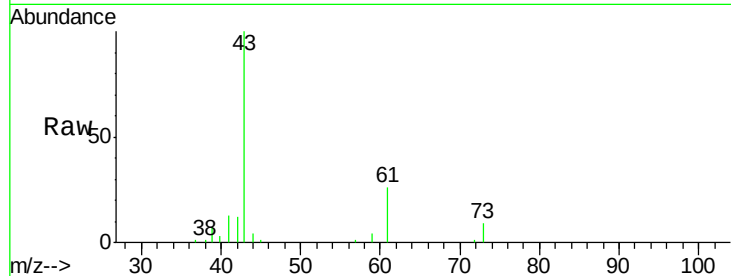
Tot Ion: 43 Resp: 110444

Ion Ratio Lower Upper

43 100

61 25.7 19.0 28.6

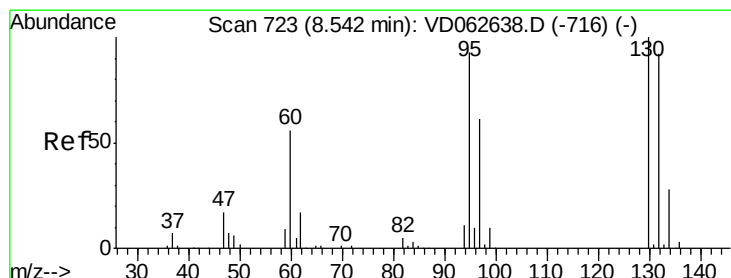
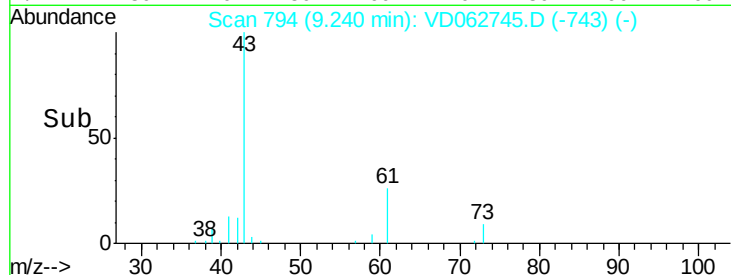
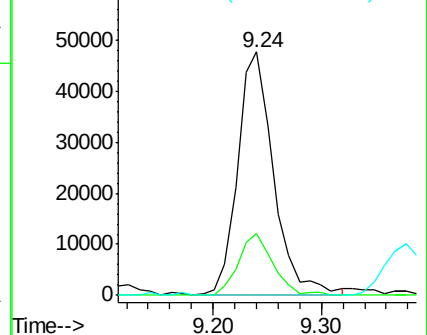
87 0.0 0.3 0.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 19.430 ug/l

RT: 8.53 min Scan# 722

Delta R.T. -0.01 min

Lab File: VD062745.D

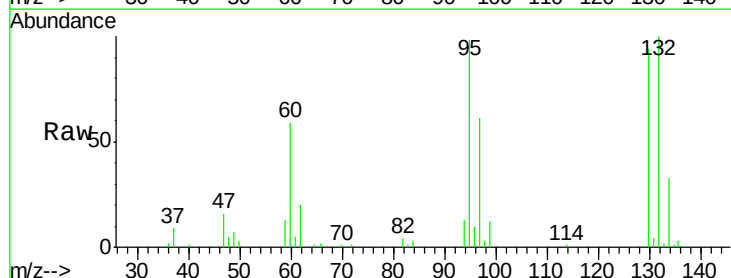
Acq: 18 Jun 2019 13:15

Tgt Ion:130 Resp: 159778

Ion Ratio Lower Upper

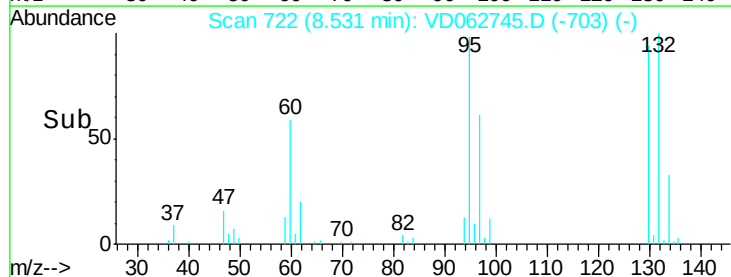
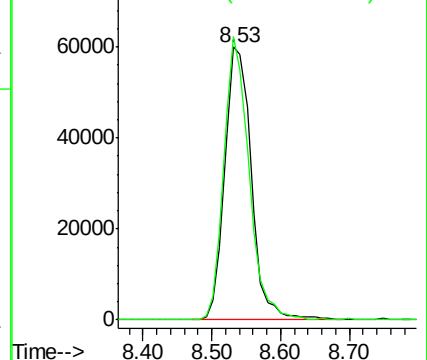
130 100

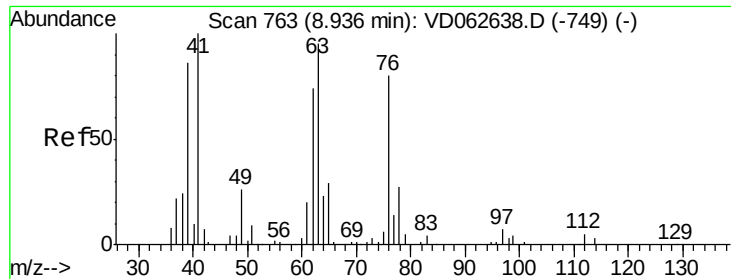
95 103.8 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

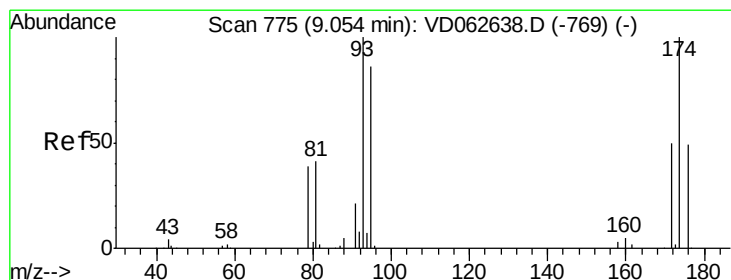
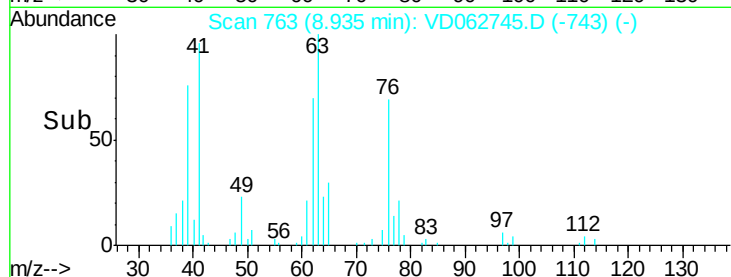
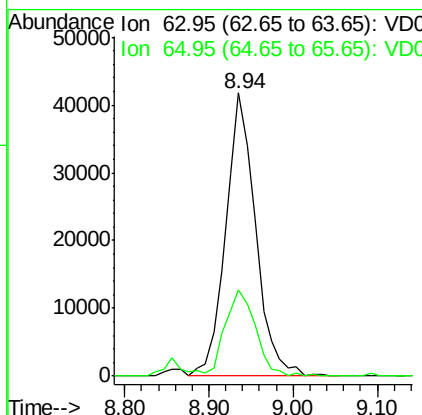
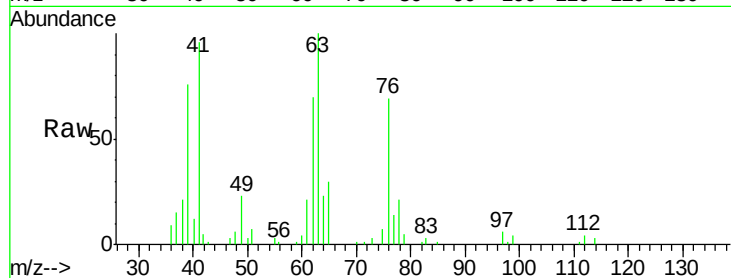




#45
 1,2-Dichloropropane
 Concen: 21.201 ug/l
 RT: 8.94 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

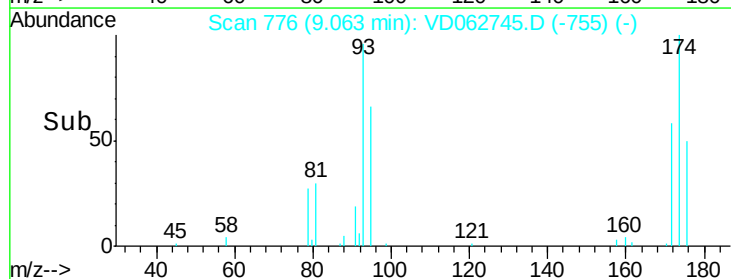
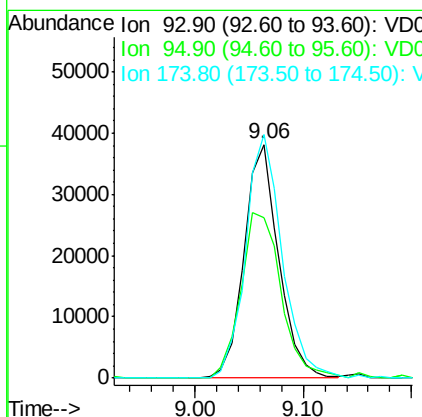
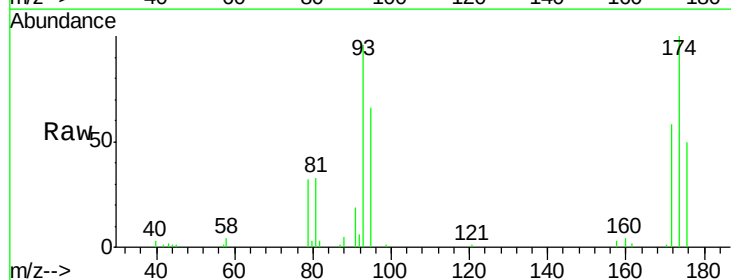
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBSD01

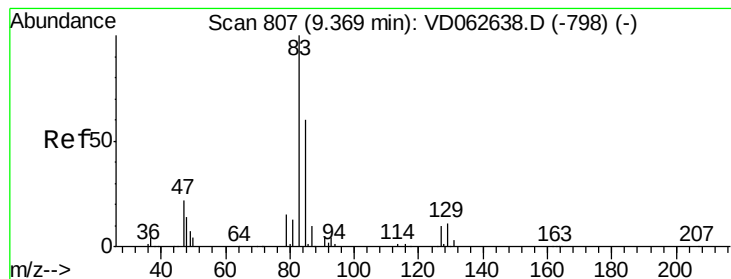
Tot Ion: 63 Resp: 103151
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.6 37.0



#46
 Dibromomethane
 Concen: 19.688 ug/l
 RT: 9.06 min Scan# 776
 Delta R.T. 0.01 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

Tgt Ion: 93 Resp: 85025
 Ion Ratio Lower Upper
 93 100
 95 68.8 68.7 103.1
 174 104.2 79.8 119.8





#47

Bromodichloromethane

Concen: 19.510 ug/l

RT: 9.37 min Scan# 807

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBSD01

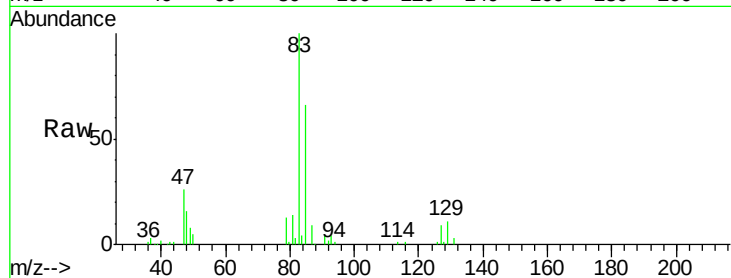
Tot Ion: 83 Resp: 229204

Ion Ratio Lower Upper

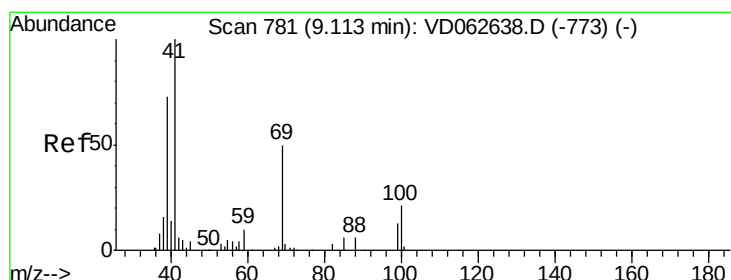
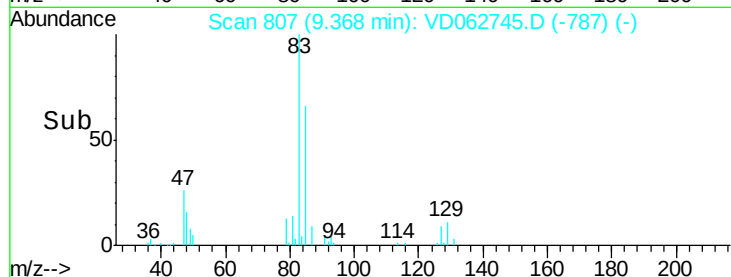
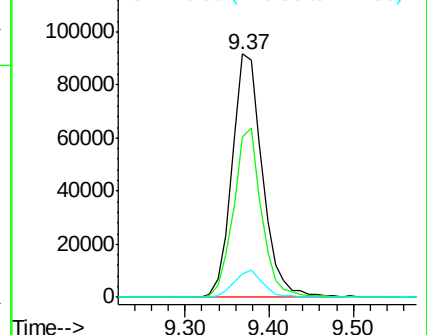
83 100

85 65.9 47.9 71.9

127 9.4 8.2 12.4



Abundance Ion 82.85 (82.55 to 83.55): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 20.165 ug/l

RT: 9.12 min Scan# 782

Delta R.T. 0.01 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

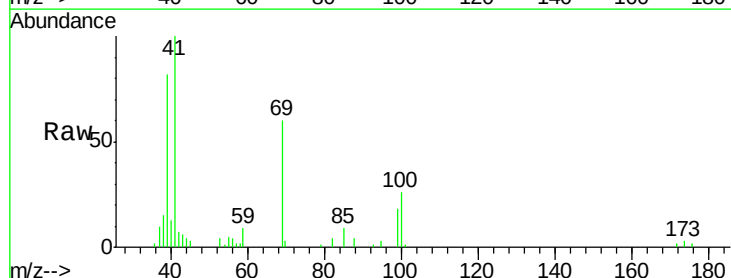
Tgt Ion: 41 Resp: 79729

Ion Ratio Lower Upper

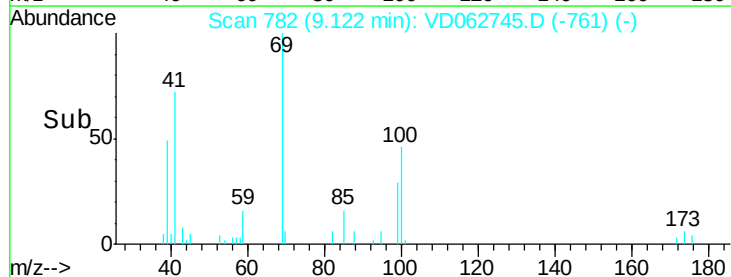
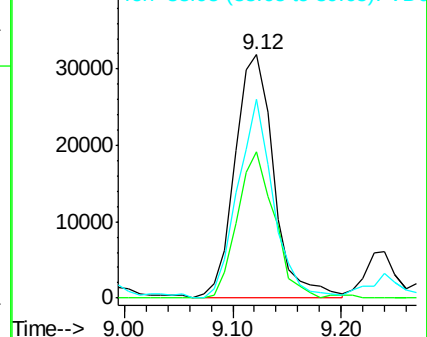
41 100

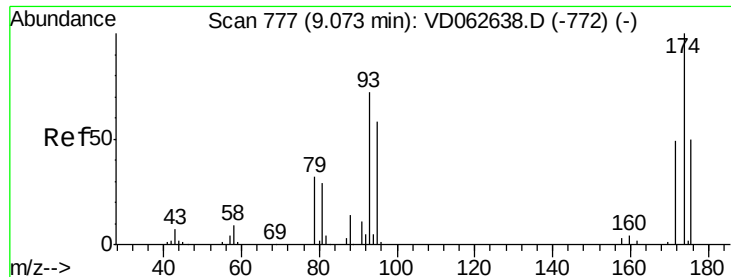
69 59.8 39.8 59.6#

39 81.7 59.1 88.7



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





#49

1,4-Dioxane

Concen: 342.740 ug/l

RT: 9.08 min Scan# 778

Delta R.T. 0.01 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBSD01

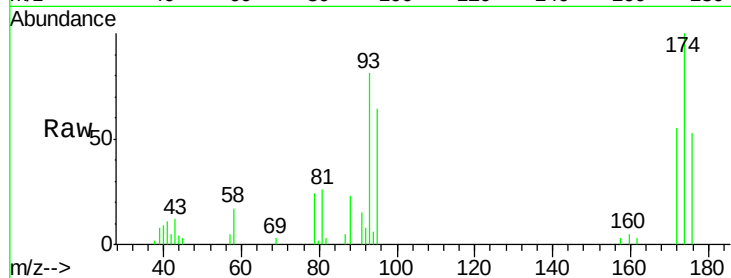
Tot Ion: 88 Resp: 10965

Ion Ratio Lower Upper

88 100

43 51.5 40.7 61.1

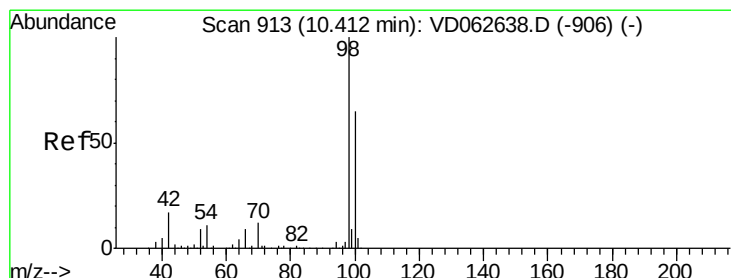
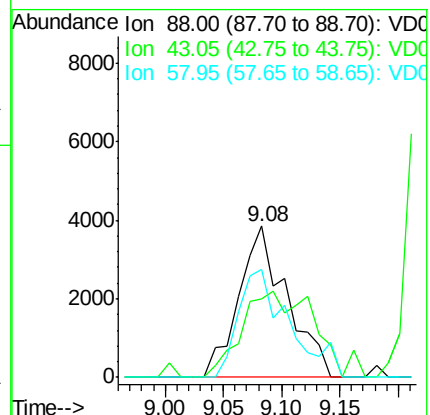
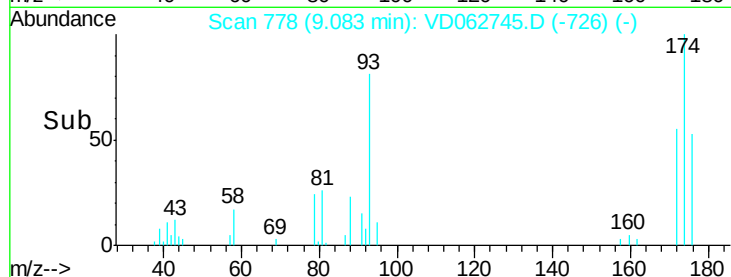
58 71.2 54.2 81.4



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 50.255 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD062745.D

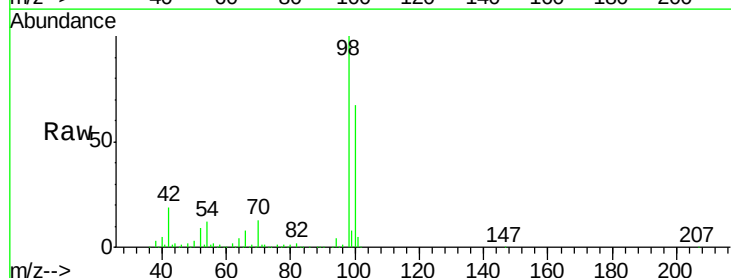
Acq: 18 Jun 2019 13:15

Tgt Ion: 98 Resp: 1010417

Ion Ratio Lower Upper

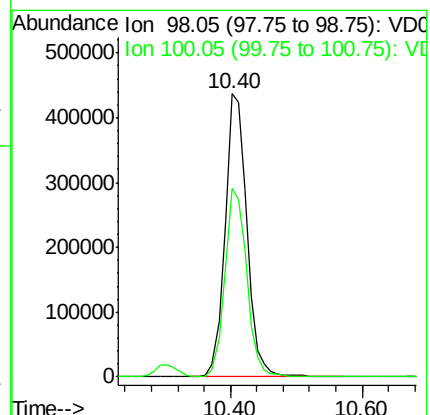
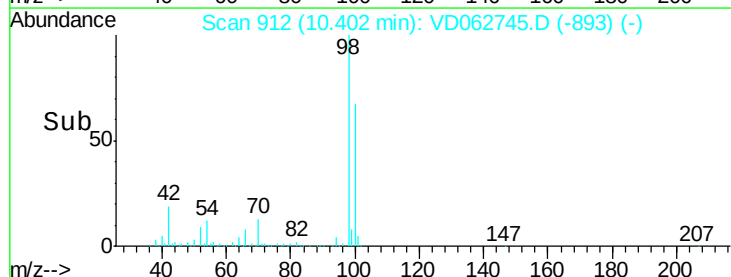
98 100

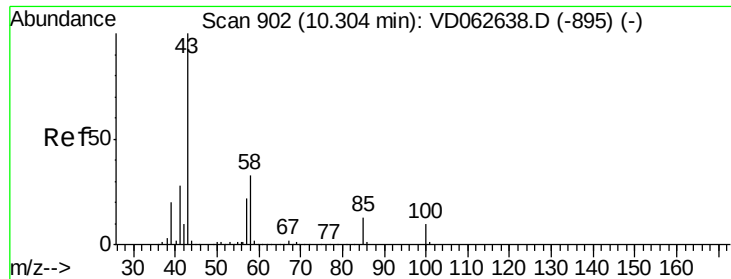
100 66.8 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

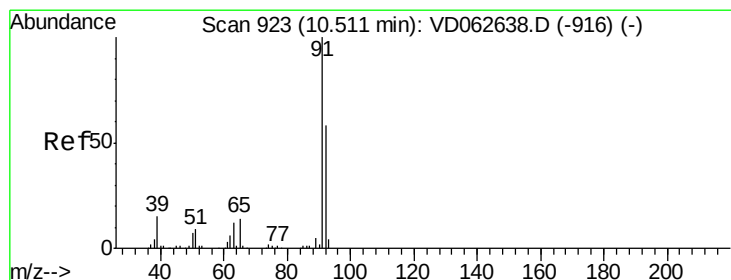
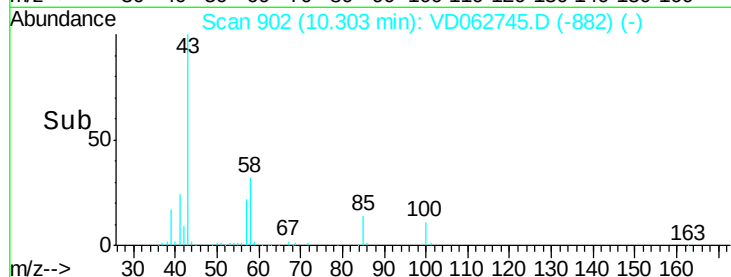
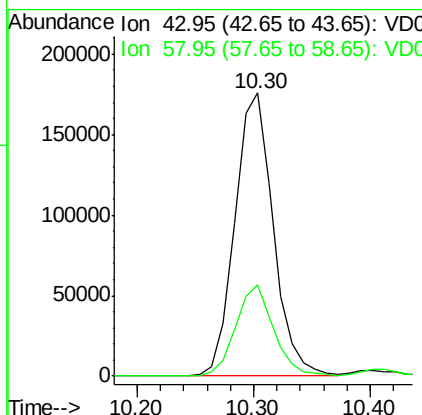
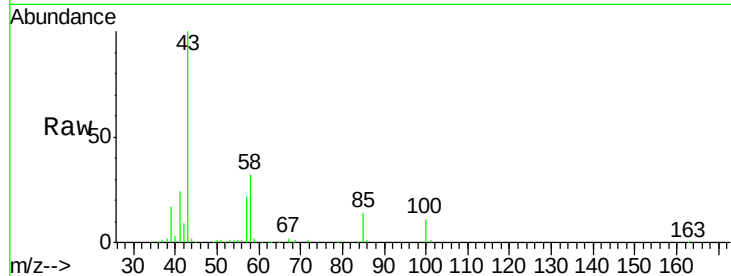




#51
 4-Methyl-2-Pentanone
 Concen: 104.627 ug/l
 RT: 10.30 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

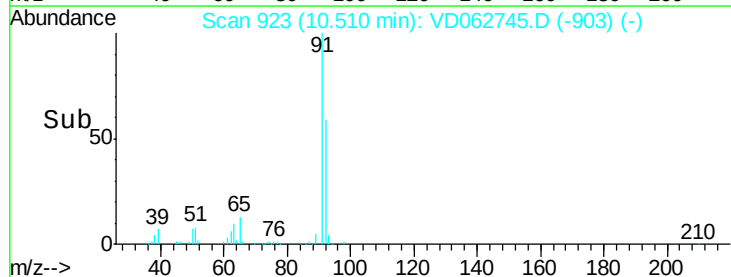
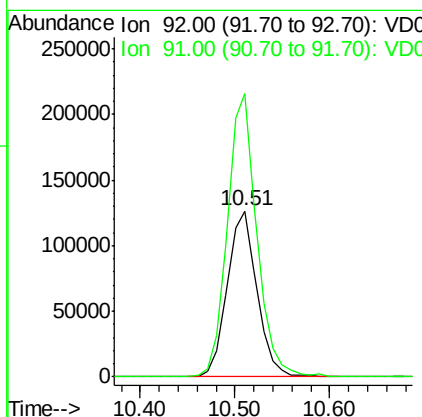
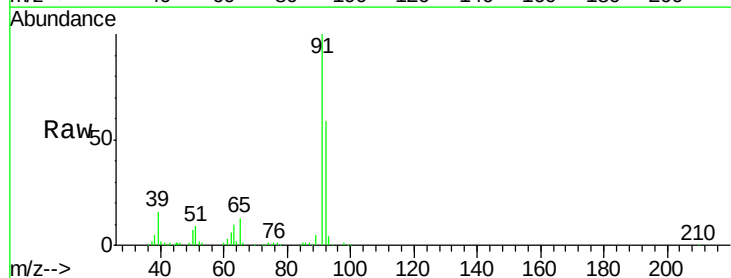
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBS01

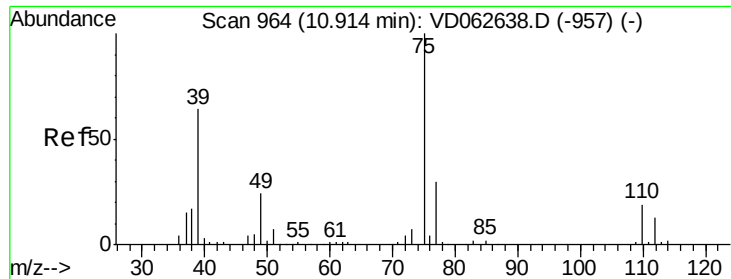
Tot Ion: 43 Resp: 400658
 Ion Ratio Lower Upper
 43 100
 58 32.4 26.1 39.1



#52
 Toluene
 Concen: 20.129 ug/l
 RT: 10.51 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

Tgt Ion: 92 Resp: 274064
 Ion Ratio Lower Upper
 92 100
 91 170.5 137.0 205.6

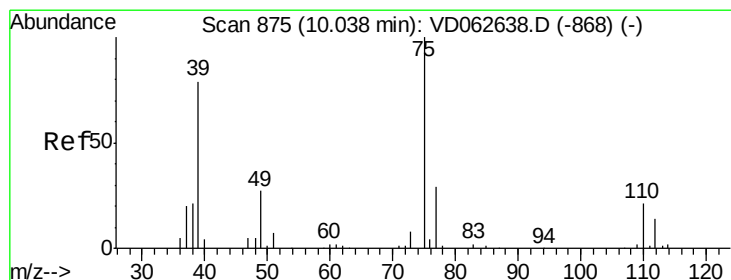
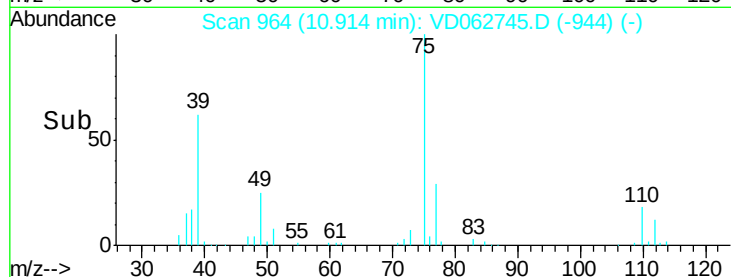
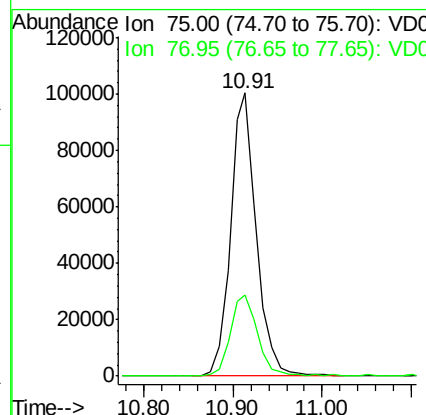
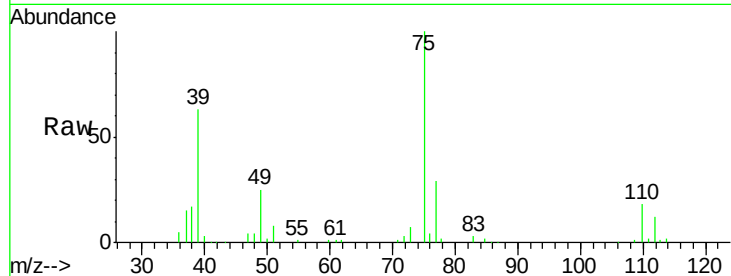




#53
 t-1,3-Dichloropropene
 Concen: 21.025 ug/l
 RT: 10.91 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

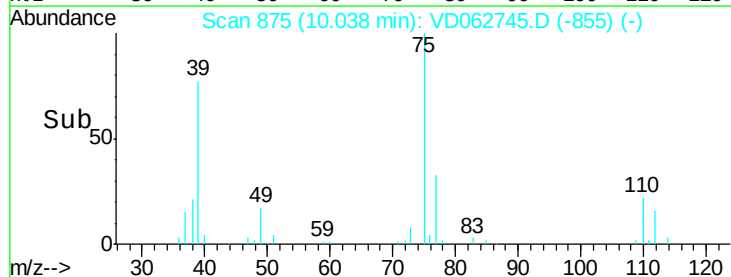
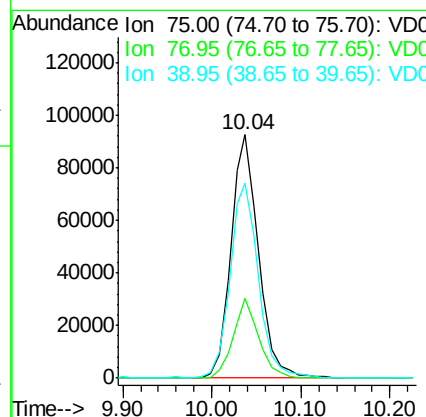
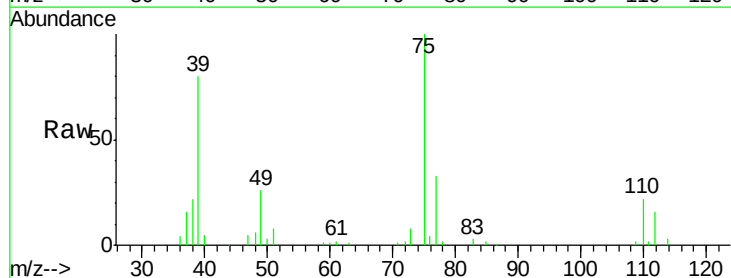
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBSD01

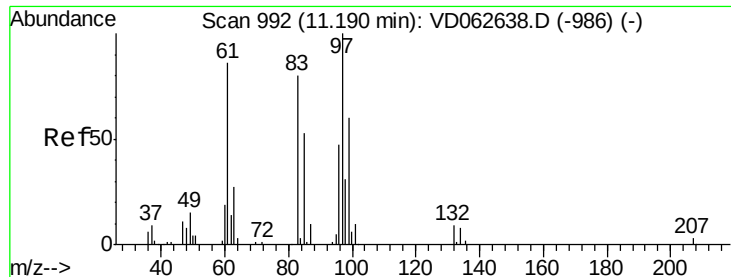
Tot Ion: 75 Resp: 202512
 Ion Ratio Lower Upper
 75 100
 77 28.9 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.119 ug/l
 RT: 10.04 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

Tgt Ion: 75 Resp: 200288
 Ion Ratio Lower Upper
 75 100
 77 32.9 23.1 34.7
 39 79.9 63.4 95.2

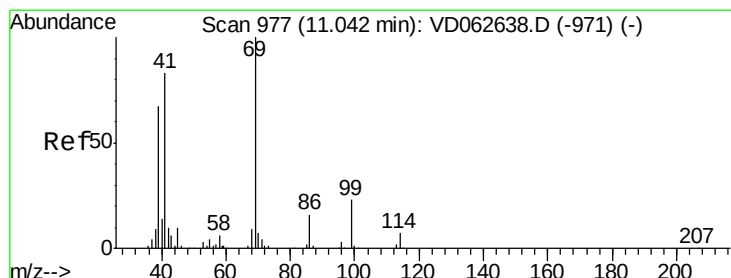
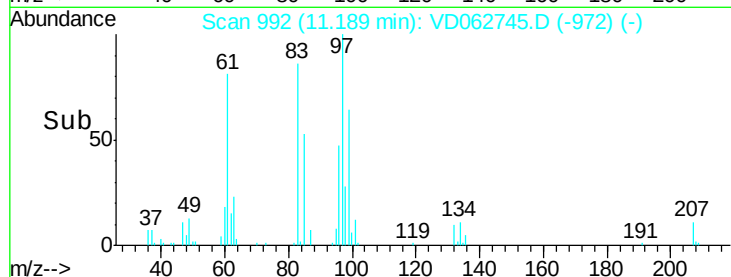
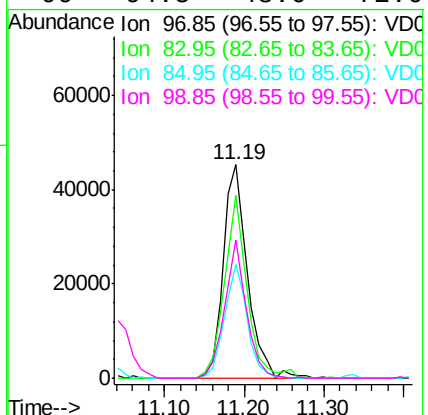
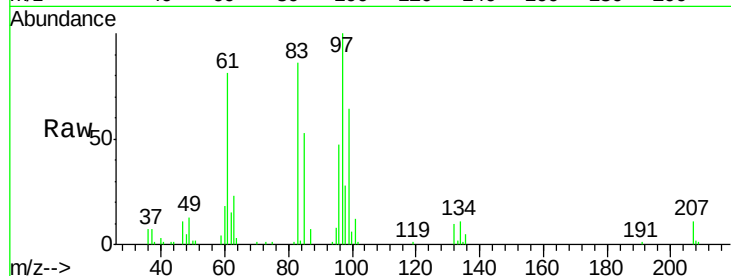




#55
 1,1,2-Trichloroethane
 Concen: 20.823 ug/l
 RT: 11.19 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

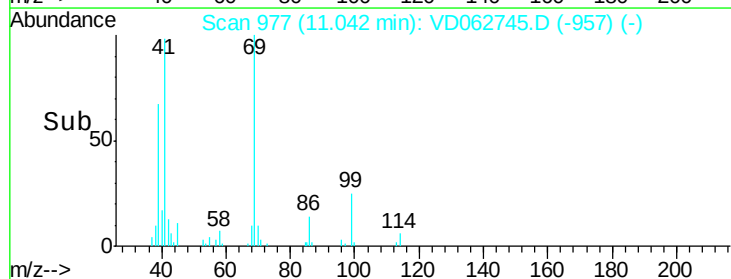
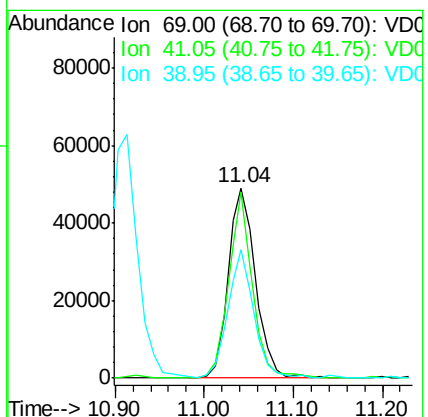
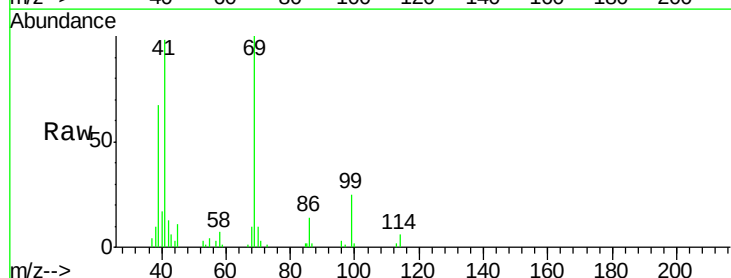
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBSD01

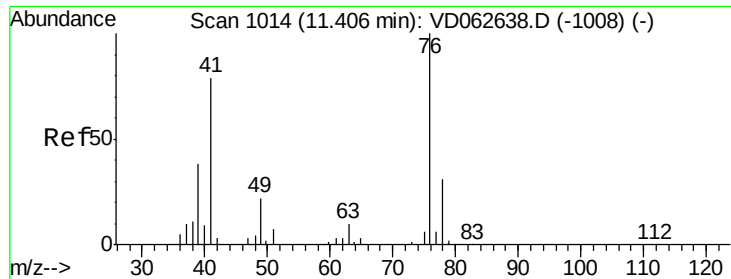
Tot Ion:	97	Resp:	97231
Ion	Ratio	Lower	Upper
97	100		
83	85.6	63.8	95.8
85	53.3	42.3	63.5
99	64.5	48.0	72.0



#56
 Ethyl methacrylate
 Concen: 21.229 ug/l
 RT: 11.04 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

Tgt Ion:	69	Resp:	105588
Ion	Ratio	Lower	Upper
69	100		
41	98.3	66.2	99.4
39	67.3	53.8	80.8

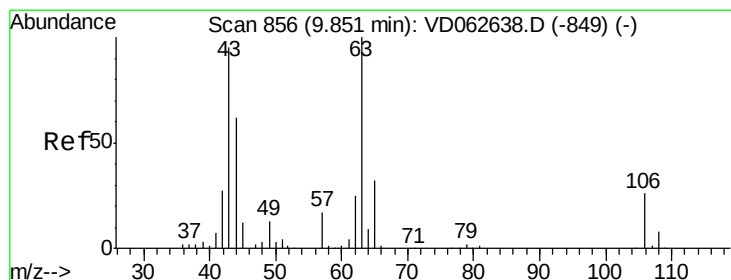
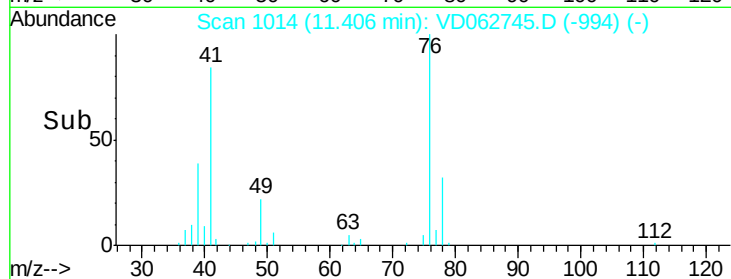
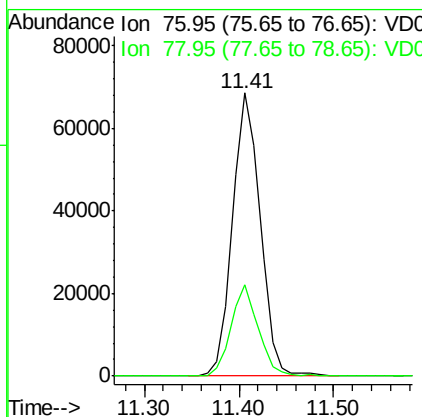
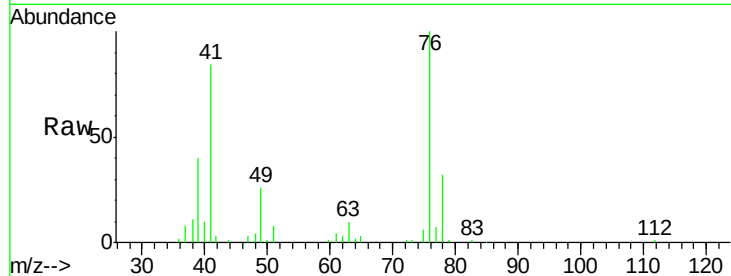




#57
 1,3-Dichloropropane
 Concen: 19.216 ug/l
 RT: 11.41 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

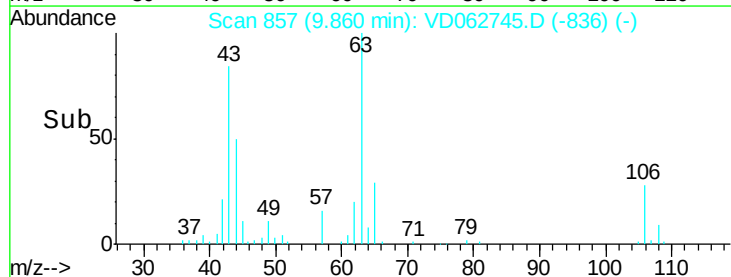
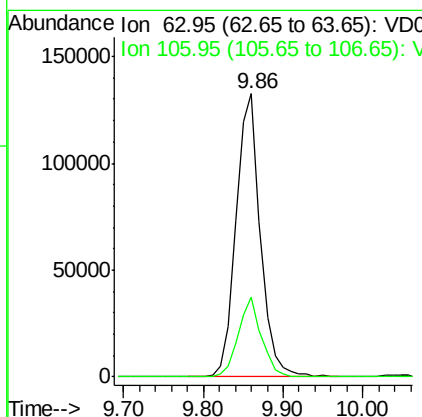
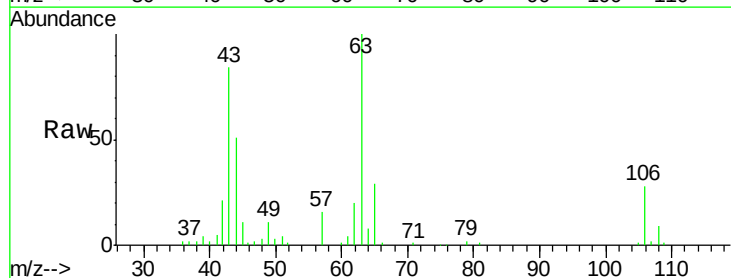
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBSD01

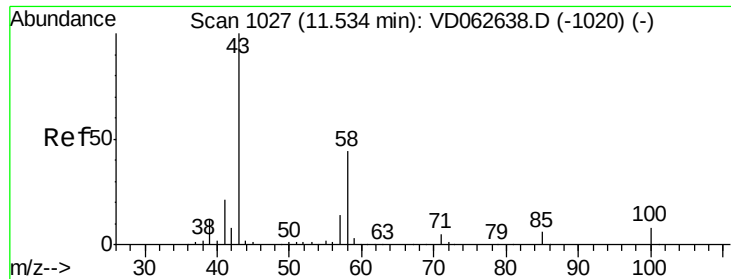
Tot Ion: 76 Resp: 139066
 Ion Ratio Lower Upper
 76 100
 78 32.3 24.9 37.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 112.672 ug/l
 RT: 9.86 min Scan# 857
 Delta R.T. 0.01 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

Tgt Ion: 63 Resp: 281188
 Ion Ratio Lower Upper
 63 100
 106 28.1 20.5 30.7

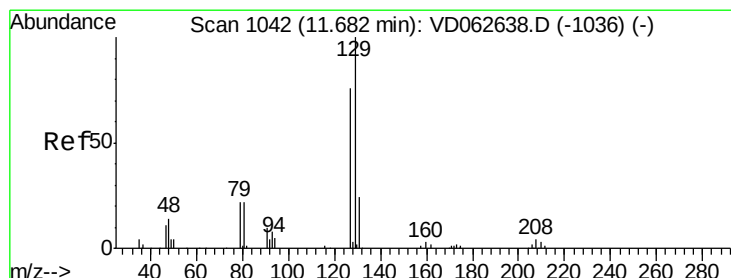
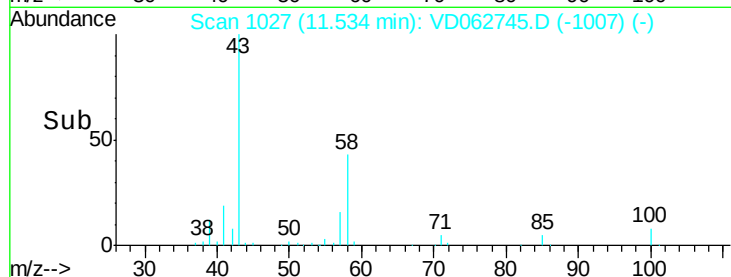
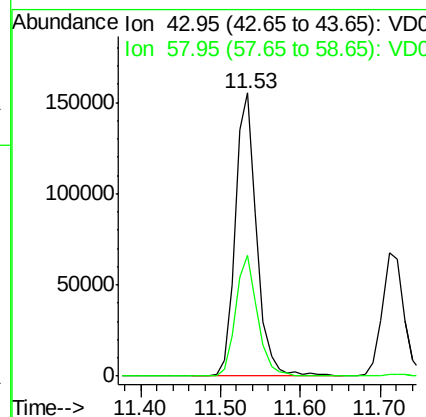
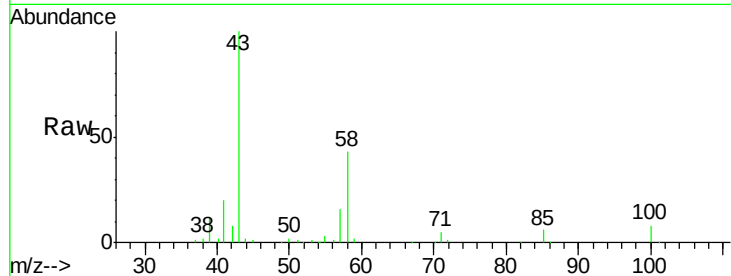




#59
2-Hexanone
Concen: 102.363 ug/l
RT: 11.53 min Scan# 1027
Delta R.T. -0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

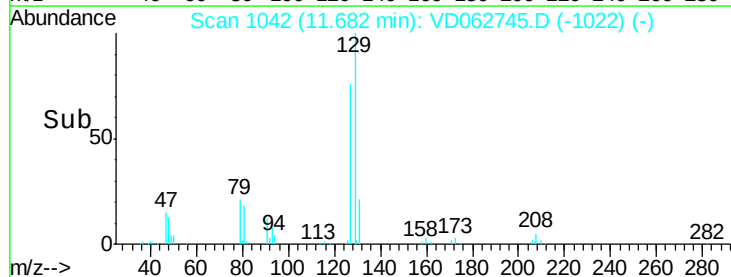
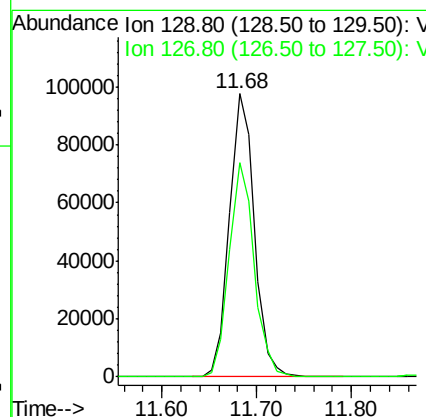
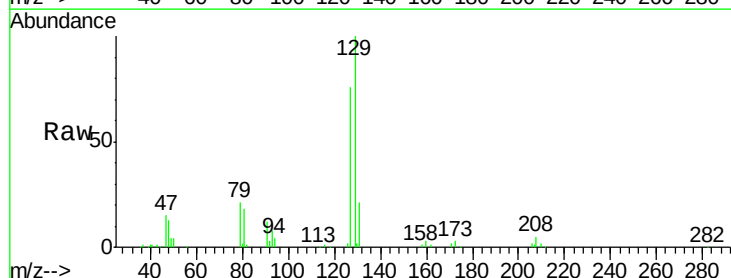
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

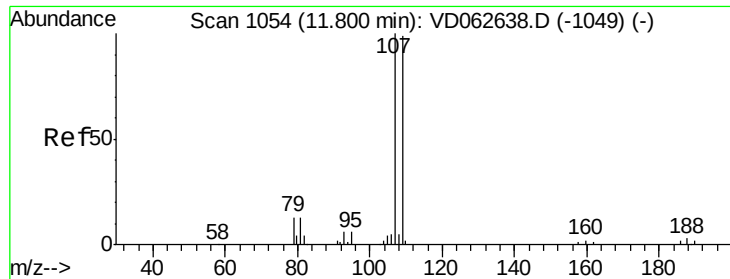
Tot Ion: 43 Resp: 291585
Ion Ratio Lower Upper
43 100
58 42.9 21.8 65.4



#60
Dibromochloromethane
Concen: 19.394 ug/l
RT: 11.68 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

Tgt Ion: 129 Resp: 178763
Ion Ratio Lower Upper
129 100
127 75.8 38.0 114.1

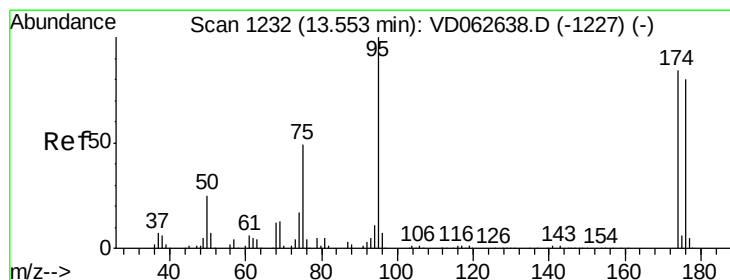
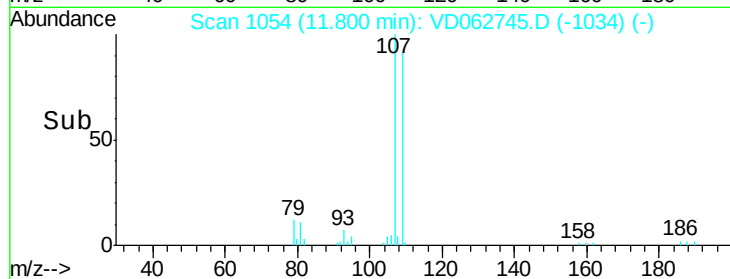
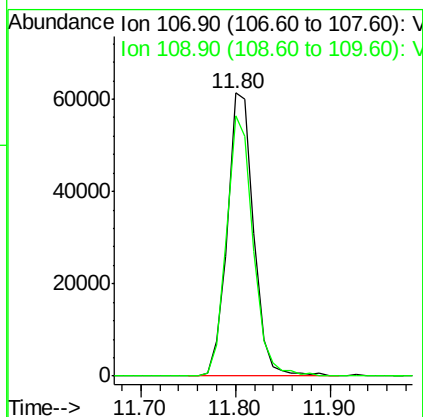
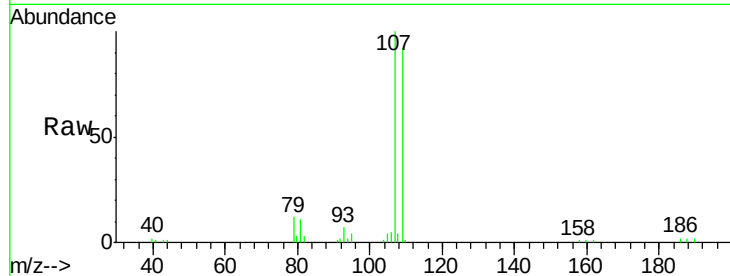




#61
 1,2-Dibromoethane
 Concen: 21.117 ug/l
 RT: 11.80 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

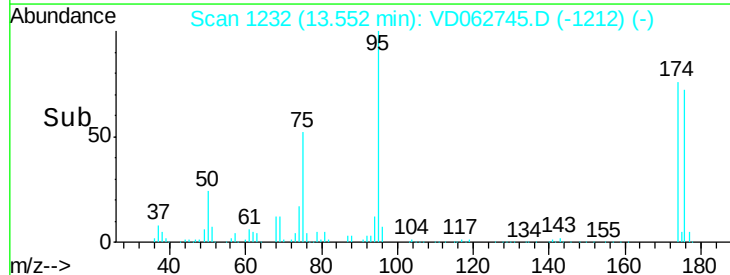
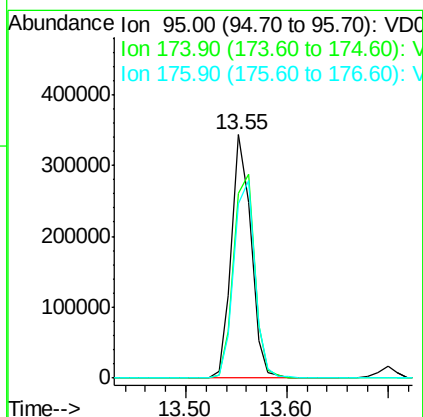
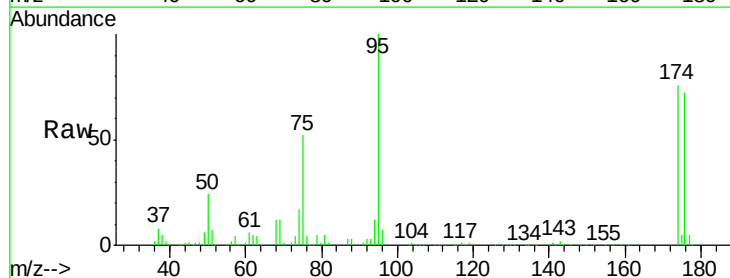
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBSD01

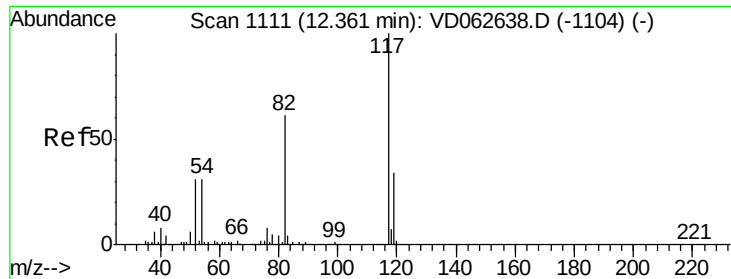
Tot Ion:107 Resp: 118008
 Ion Ratio Lower Upper
 107 100
 109 91.8 79.2 118.8



#62
 4-Bromofluorobenzene
 Concen: 49.460 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

Tgt Ion: 95 Resp: 463940
 Ion Ratio Lower Upper
 95 100
 174 75.7 0.0 167.0
 176 71.5 0.0 159.2

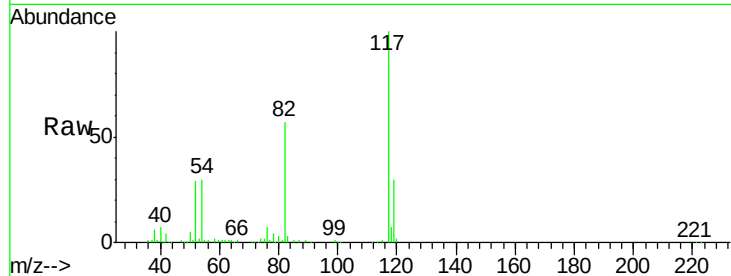




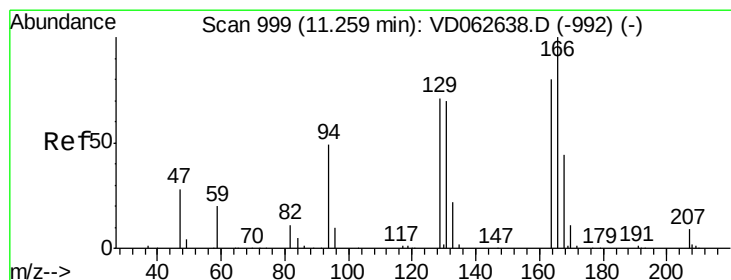
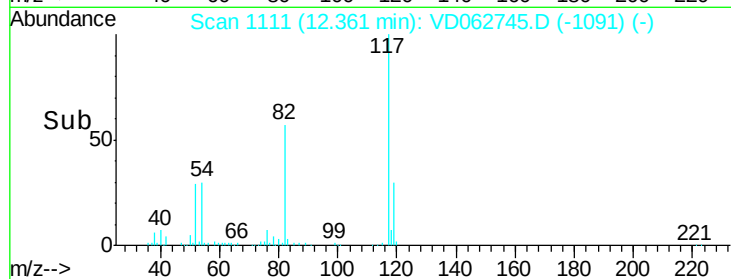
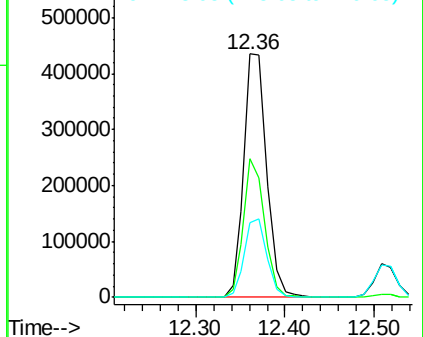
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

Tot Ion:117 Resp: 779532
Ion Ratio Lower Upper
117 100
82 56.8 48.7 73.1
119 30.5 27.0 40.6

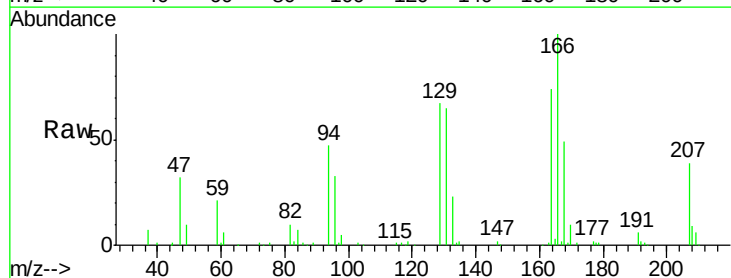


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

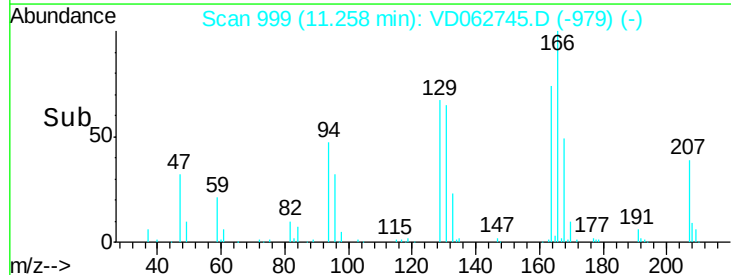
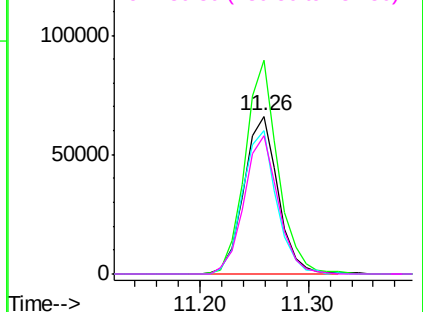


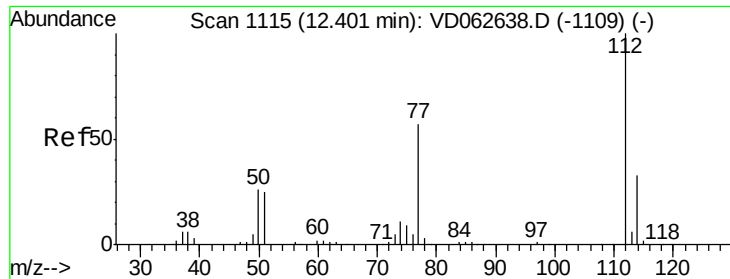
#64
Tetrachloroethene
Concen: 19.764 ug/l
RT: 11.26 min Scan# 999
Delta R.T. -0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

Tgt Ion:164 Resp: 144222
Ion Ratio Lower Upper
164 100
166 135.5 99.4 149.2
129 91.1 70.2 105.4
131 87.9 69.3 103.9



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

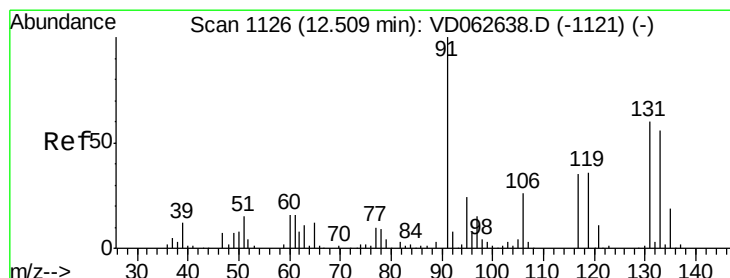
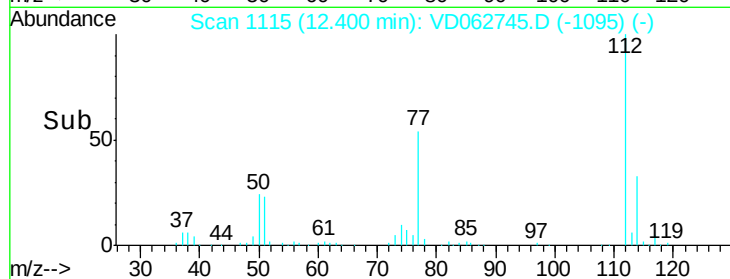
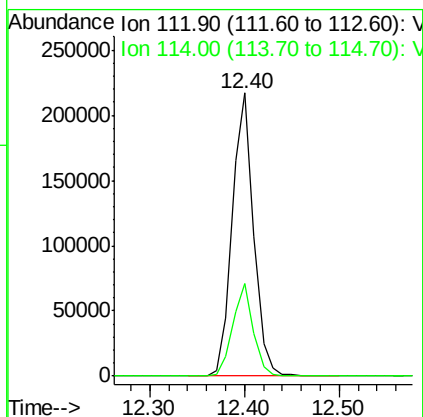
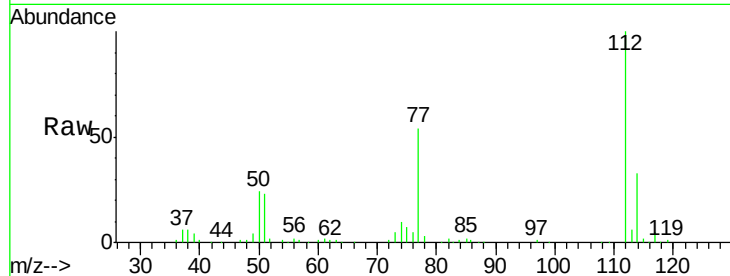




#65
Chlorobenzene
Concen: 19.744 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. -0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

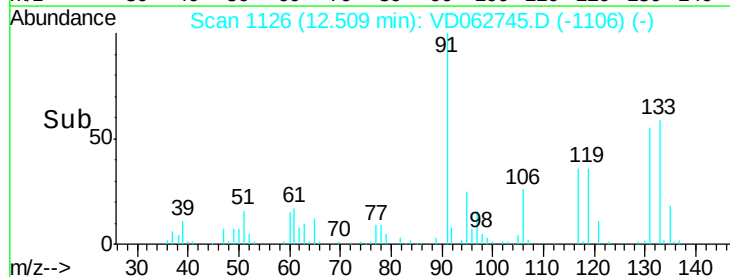
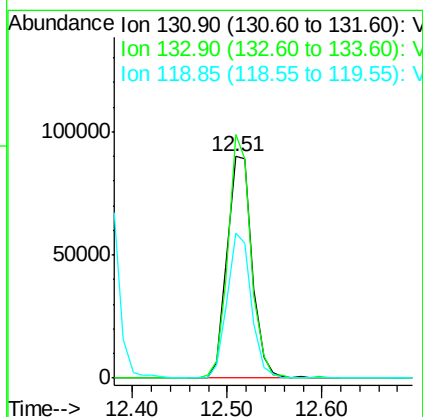
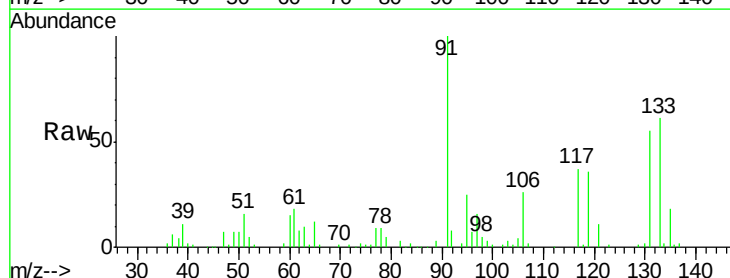
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

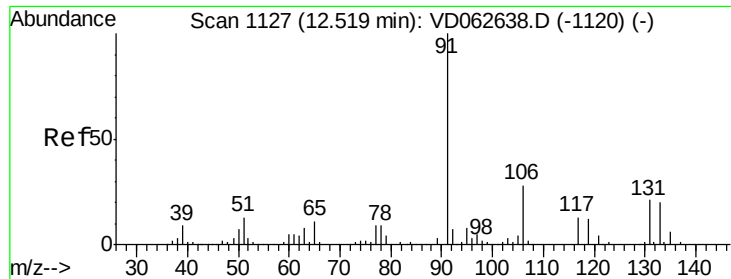
Tot Ion:112 Resp: 340447
Ion Ratio Lower Upper
112 100
114 32.6 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.111 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

Tgt Ion:131 Resp: 165391
Ion Ratio Lower Upper
131 100
133 109.9 46.8 140.3
119 65.5 29.9 89.8

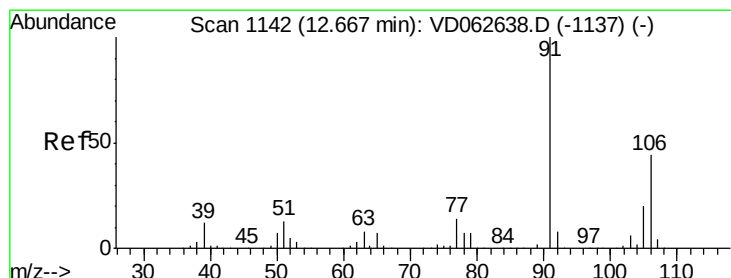
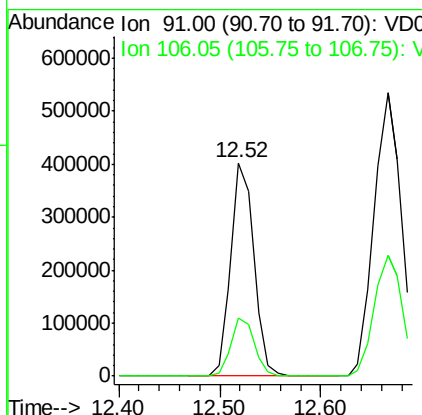
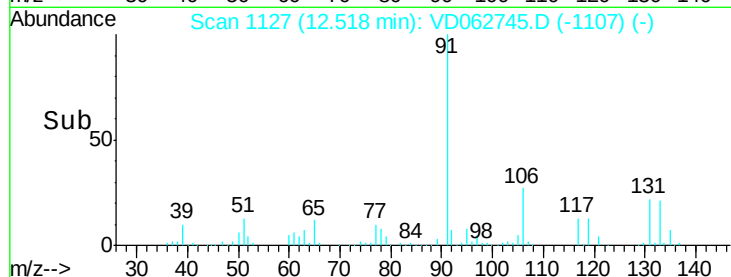
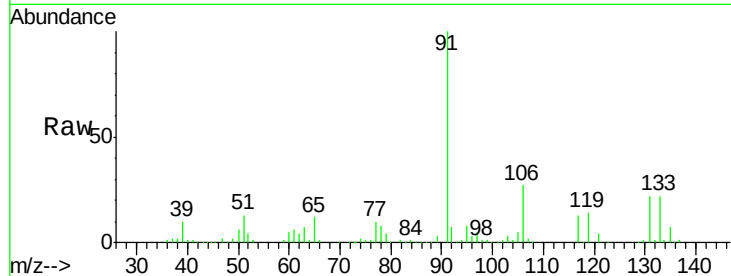




#67
Ethyl Benzene
Concen: 21.068 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

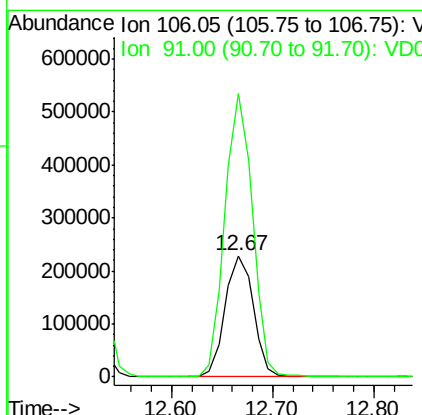
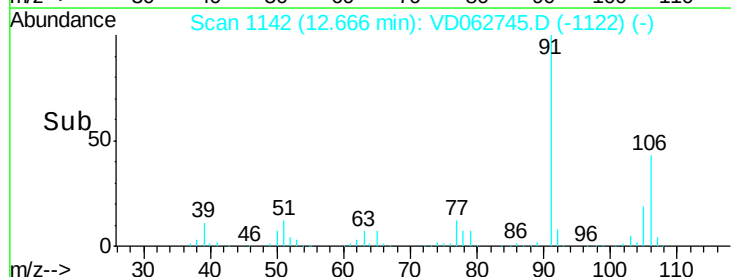
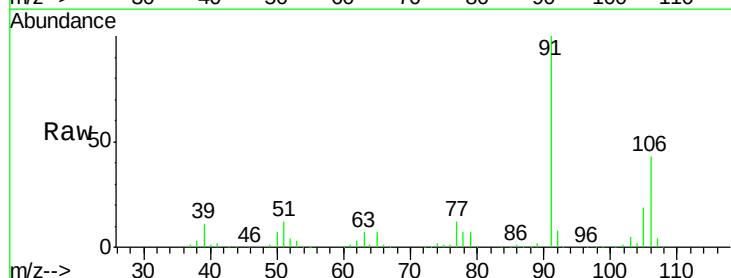
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

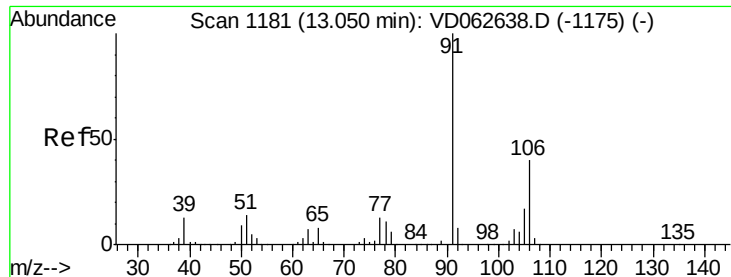
Tot Ion: 91 Resp: 644075
Ion Ratio Lower Upper
91 100
106 27.5 22.1 33.1



#68
m/p-Xylenes
Concen: 41.497 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

Tgt Ion: 106 Resp: 445998
Ion Ratio Lower Upper
106 100
91 233.9 180.2 270.4

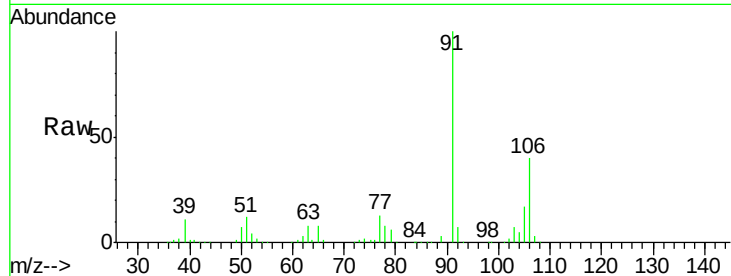




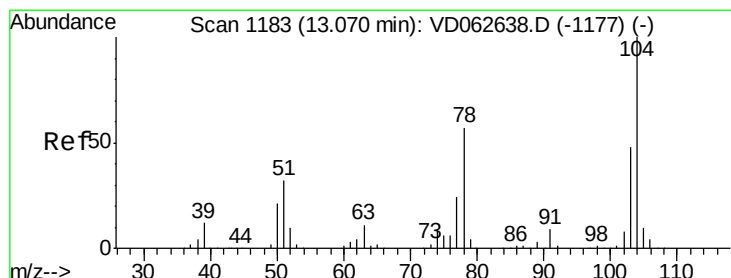
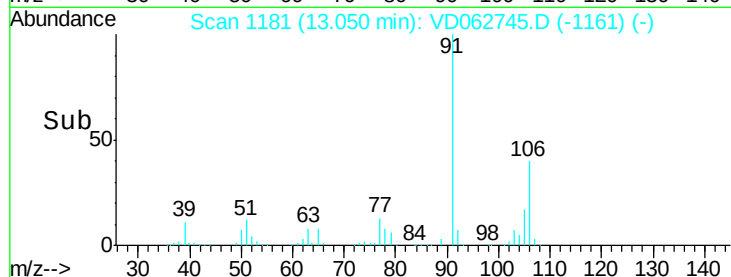
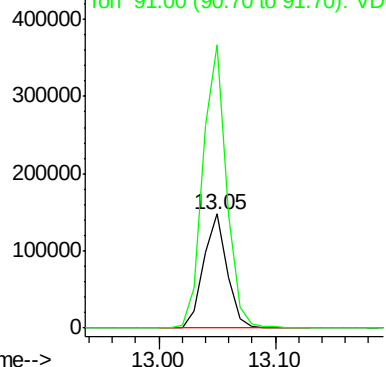
#69
o-Xylene
Concen: 21.117 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

Instrument :
MSVOA_D
ClientSampleId :
VD0618SBS01

Tot Ion:106 Resp: 208440
Ion Ratio Lower Upper
106 100
91 248.0 124.1 372.1

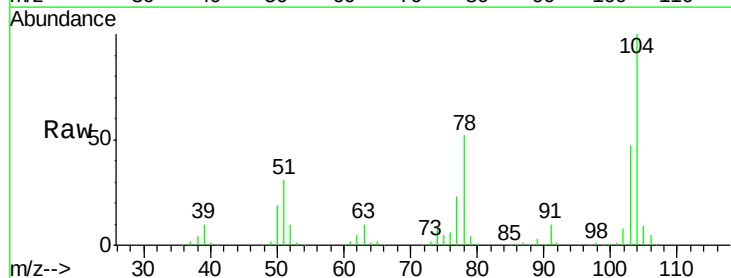


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

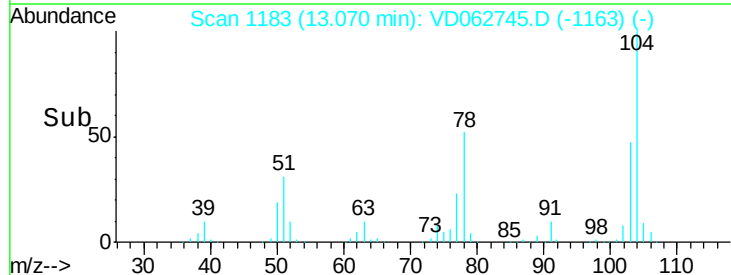
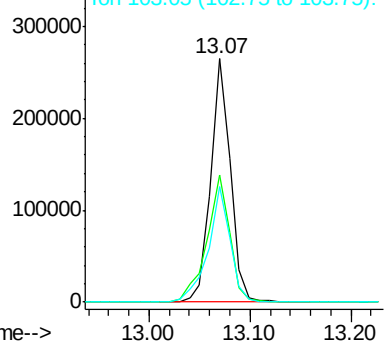


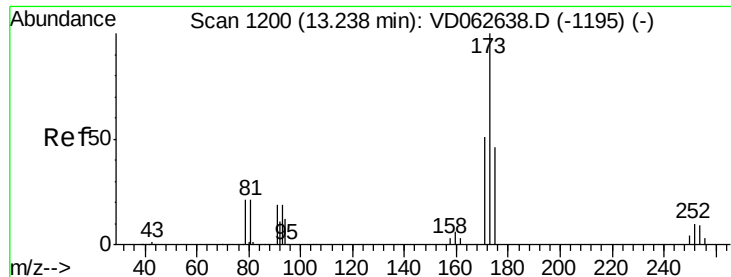
#70
Styrene
Concen: 20.309 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

Tgt Ion:104 Resp: 357681
Ion Ratio Lower Upper
104 100
78 52.4 45.9 68.9
103 47.5 38.4 57.6



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





#71

Bromoform

Concen: 20.111 ug/l

RT: 13.24 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBS01

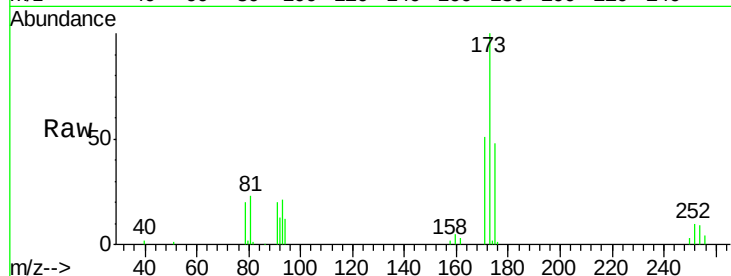
Tot Ion:173 Resp: 115555

Ion Ratio Lower Upper

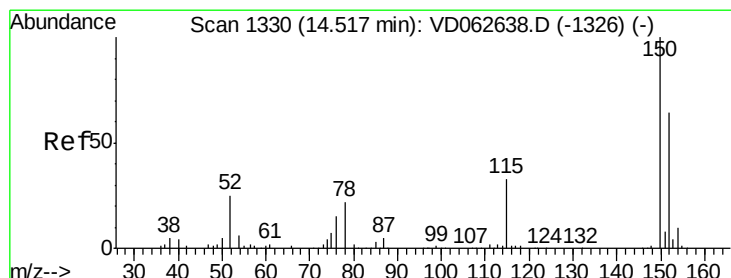
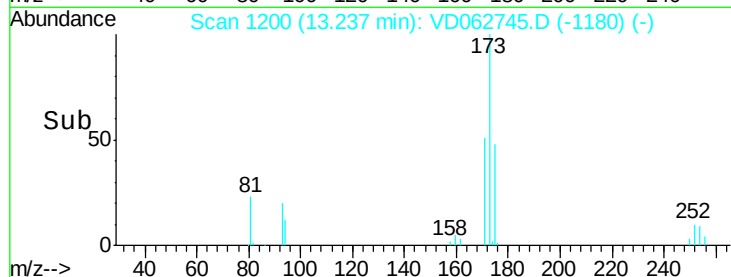
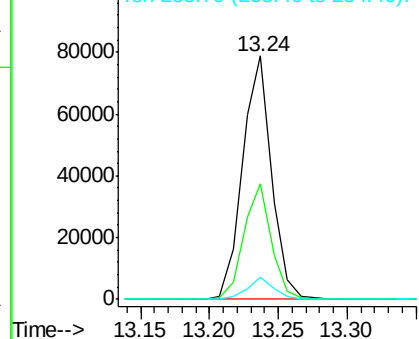
173 100

175 47.6 22.9 68.7

254 8.9 7.0 10.4



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: VD062745.D

Acq: 18 Jun 2019 13:15

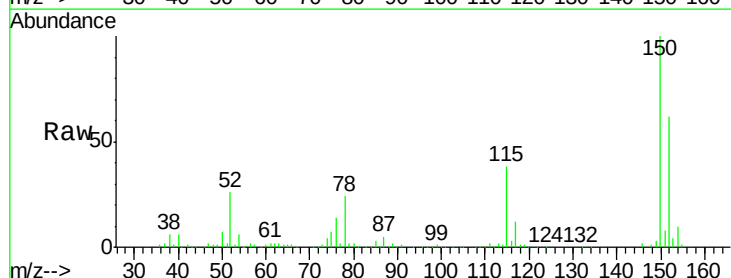
Tgt Ion:152 Resp: 408478

Ion Ratio Lower Upper

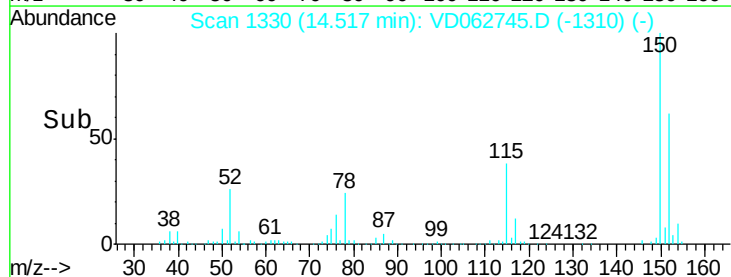
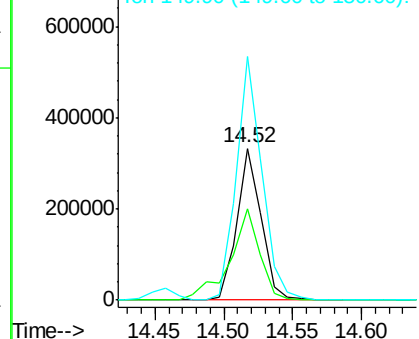
152 100

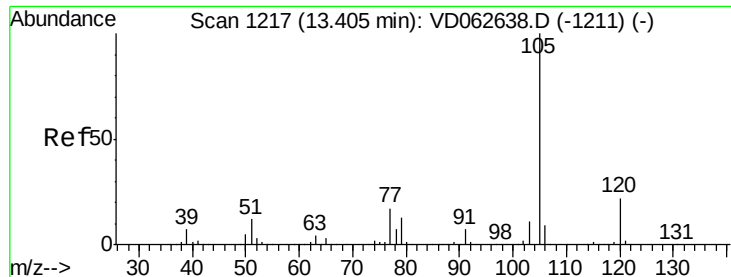
115 60.3 30.1 90.5

150 160.5 0.0 314.0



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





#73

Isopropylbenzene

Concen: 22.475 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA_D

ClientSampleId :

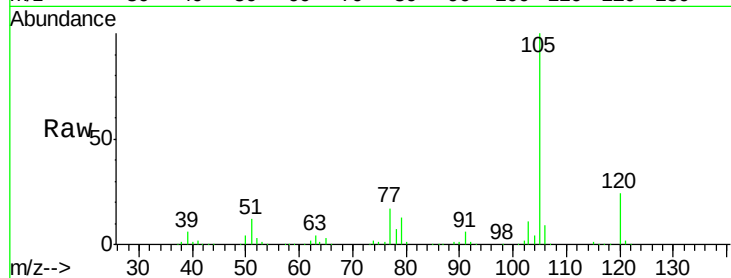
VD0618SBSD01

Tot Ion:105 Resp: 647085

Ion Ratio Lower Upper

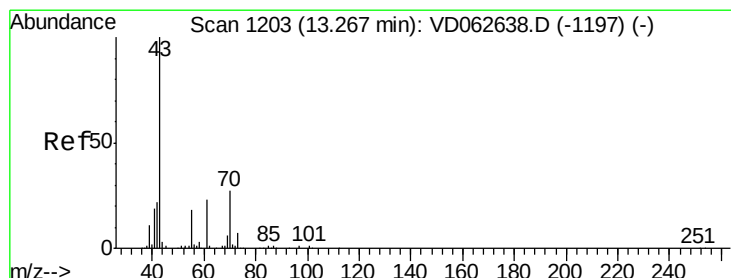
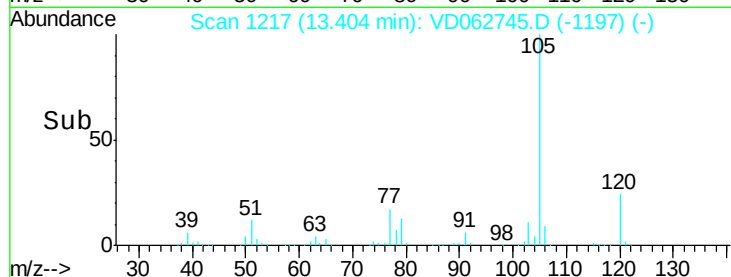
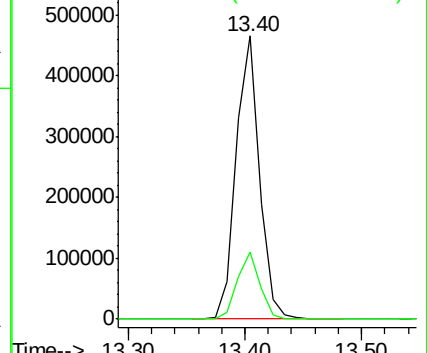
105 100

120 23.6 10.9 32.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 20.233 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Tgt Ion: 43 Resp: 157432

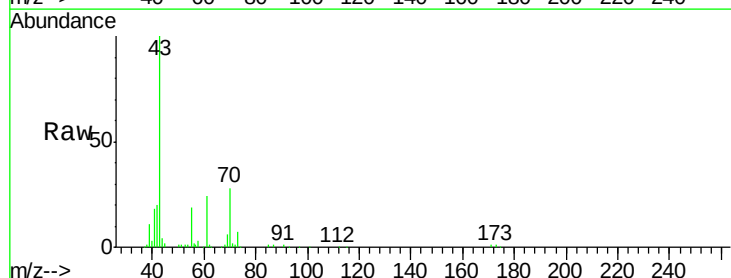
Ion Ratio Lower Upper

43 100

70 27.7 21.8 32.8

55 19.3 14.6 21.8

61 24.0 18.4 27.6

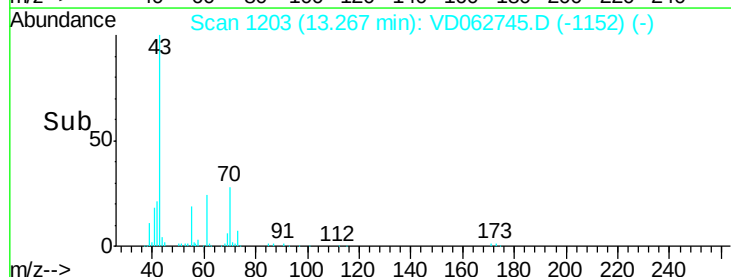
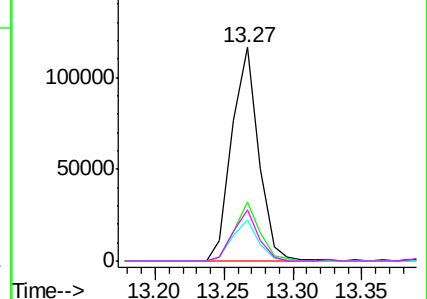


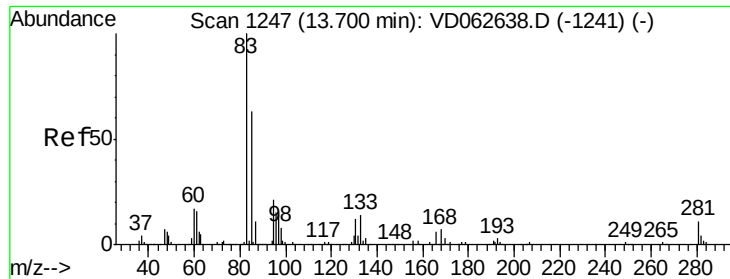
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.339 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBS01

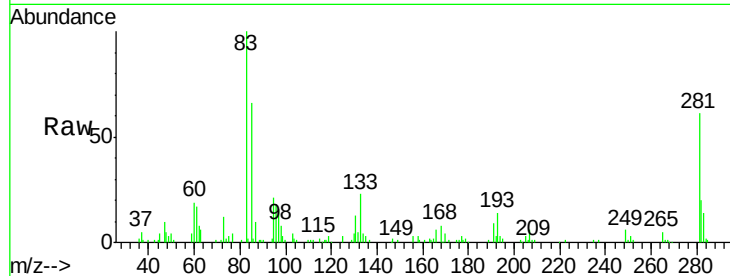
Tot Ion: 83 Resp: 105128

Ion Ratio Lower Upper

83 100

131 12.9 5.9 17.7

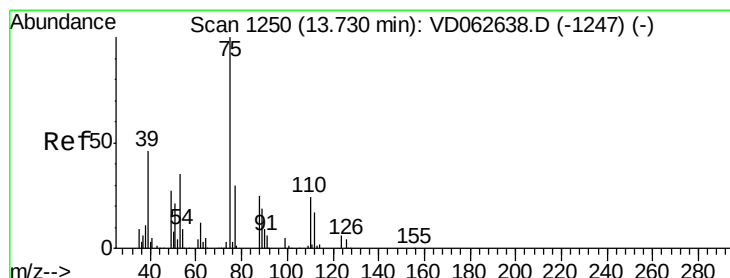
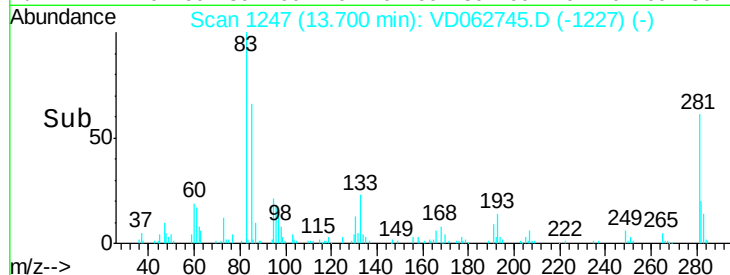
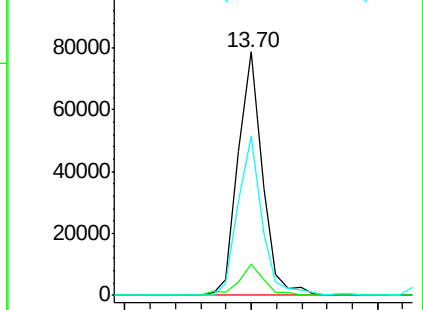
85 65.6 31.3 93.9



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 22.009 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VD062745.D

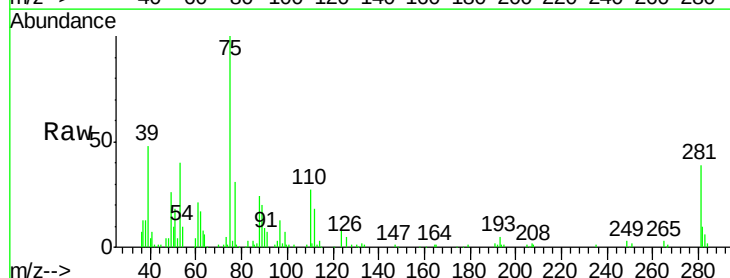
Acq: 18 Jun 2019 13:15

Tgt Ion: 75 Resp: 121900

Ion Ratio Lower Upper

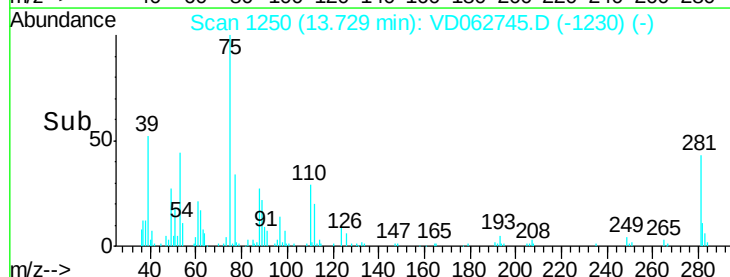
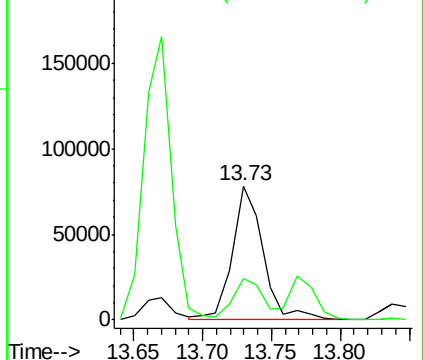
75 100

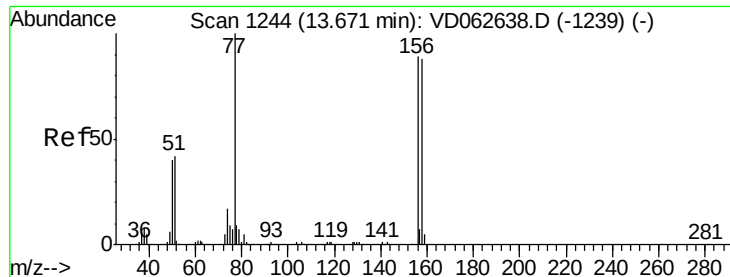
77 30.7 16.2 48.6



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 21.872 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA_D

ClientSampleId :

VD0618SBSD01

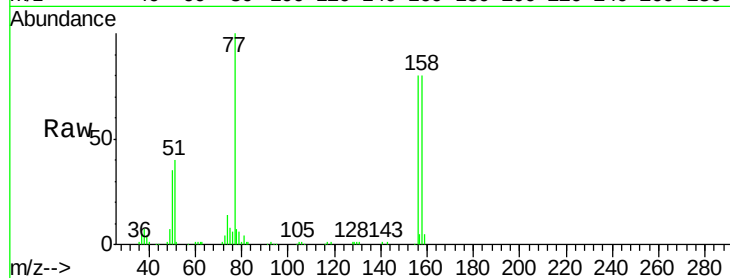
Tot Ion:156 Resp: 179992

Ion Ratio Lower Upper

156 100

77 125.1 56.3 168.8

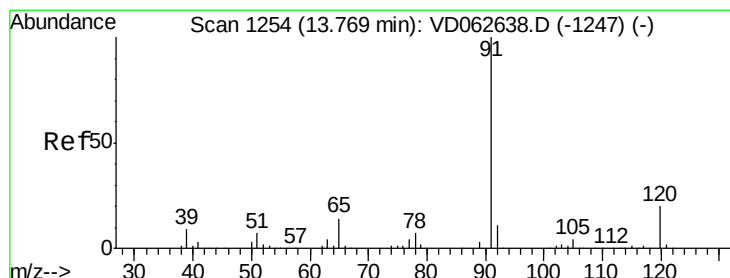
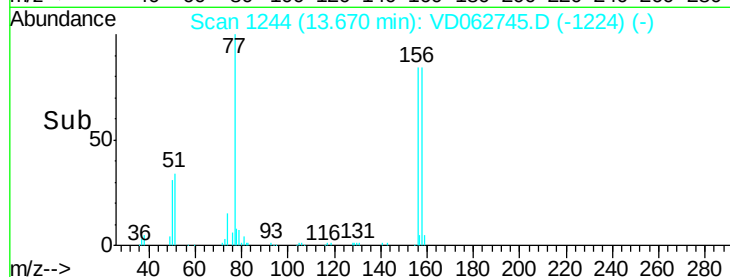
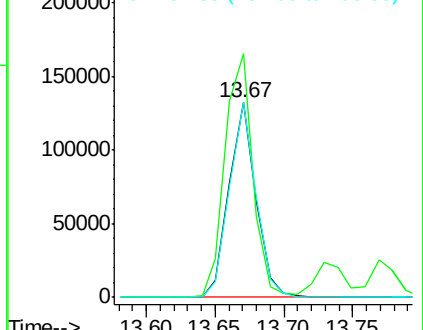
158 100.0 49.6 148.8



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 21.102 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VD062745.D

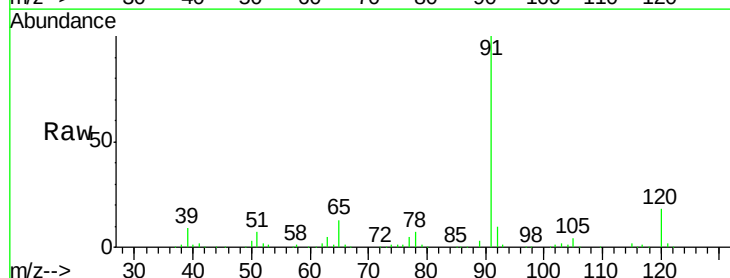
Acq: 18 Jun 2019 13:15

Tgt Ion: 91 Resp: 743681

Ion Ratio Lower Upper

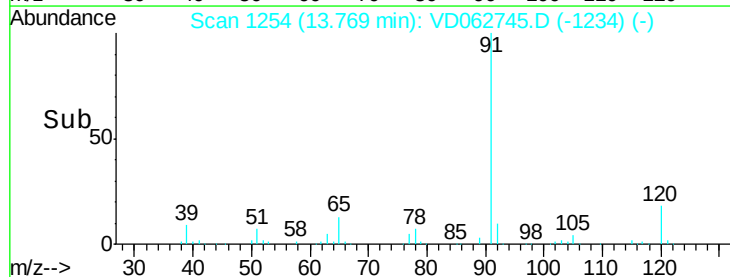
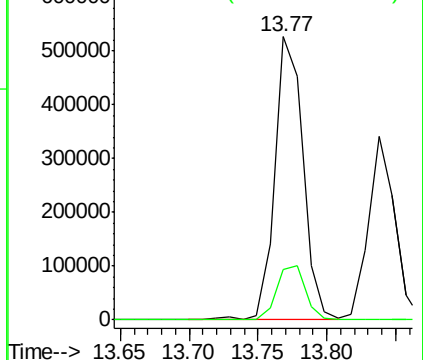
91 100

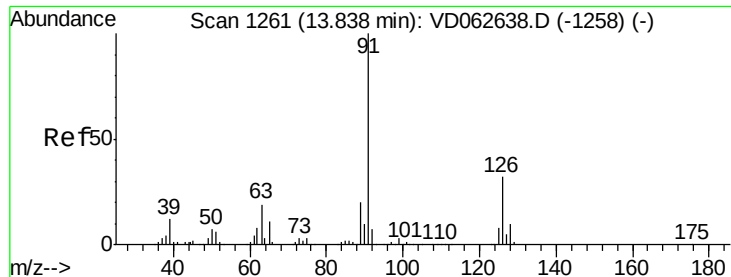
120 17.6 9.8 29.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 21.841 ug/l

RT: 13.84 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VD062745.D

Acq: 18 Jun 2019 13:15

Instrument :

MSVOA_D

ClientSampleId :

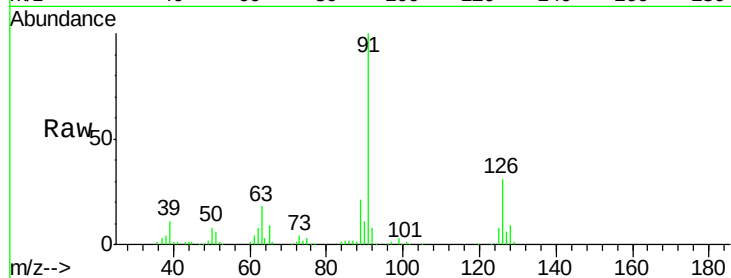
VD0618SBSD01

Tot Ion: 91 Resp: 450695

Ion Ratio Lower Upper

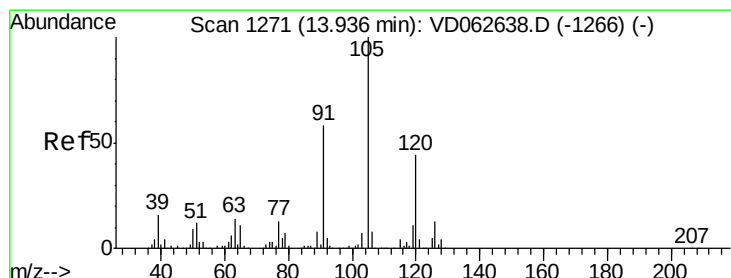
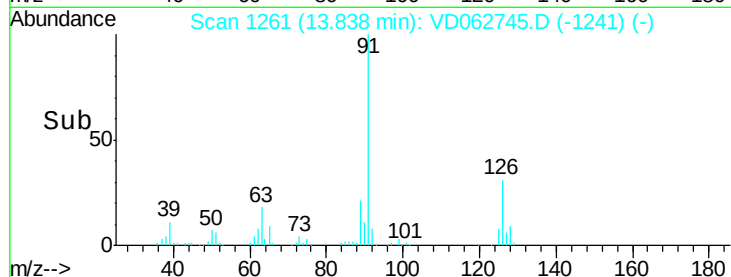
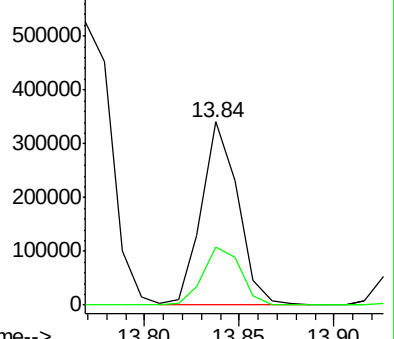
91 100

126 31.4 15.8 47.4



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

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



#80

1,3,5-Trimethylbenzene

Concen: 21.873 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VD062745.D

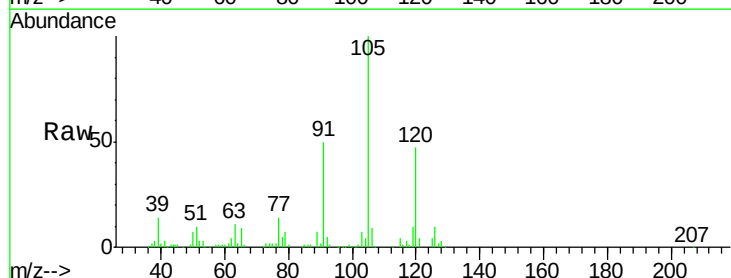
Acq: 18 Jun 2019 13:15

Tgt Ion: 105 Resp: 556565

Ion Ratio Lower Upper

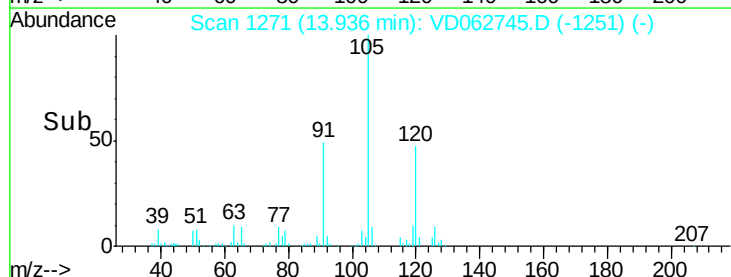
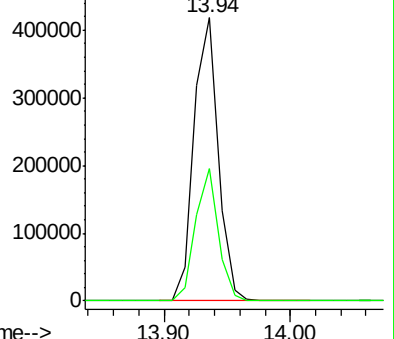
105 100

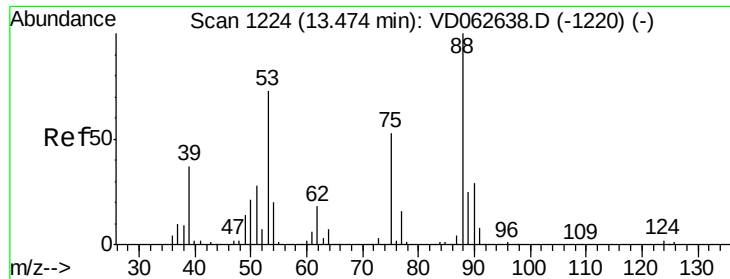
120 46.9 22.1 66.5



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

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

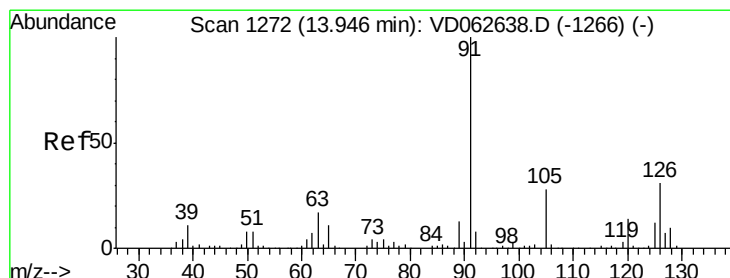
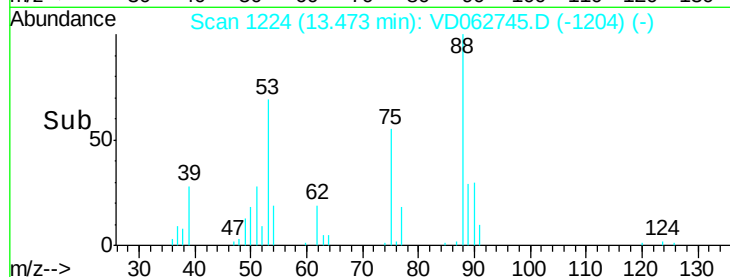
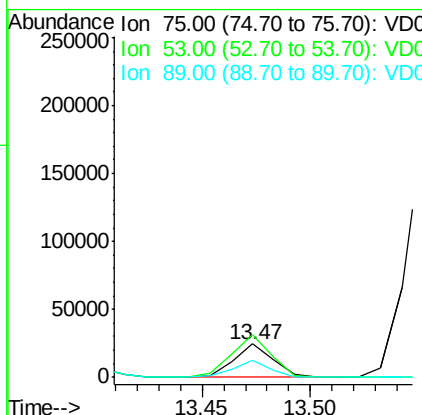
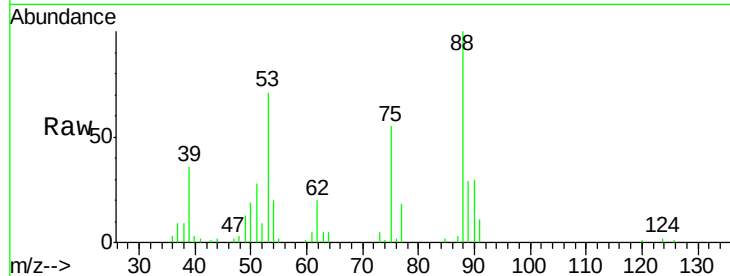




#81
trans-1,4-Dichloro-2-butene
Concen: 21.310 ug/l
RT: 13.47 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

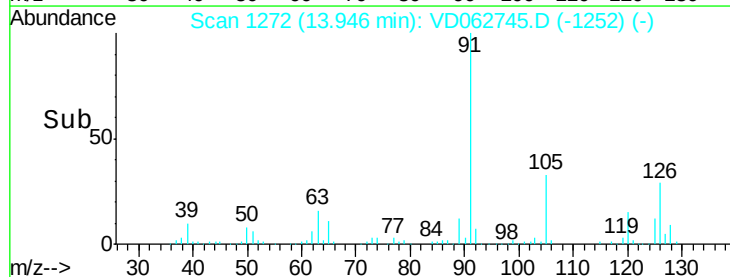
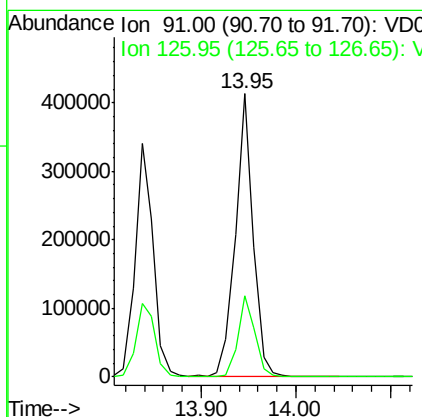
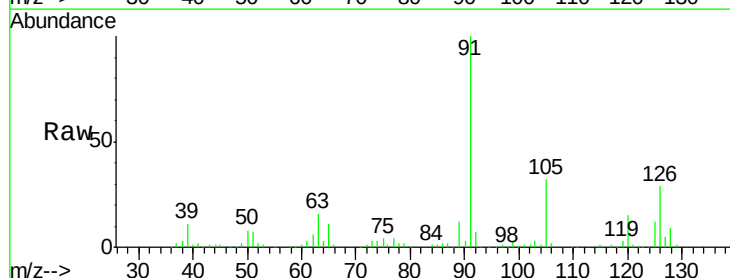
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

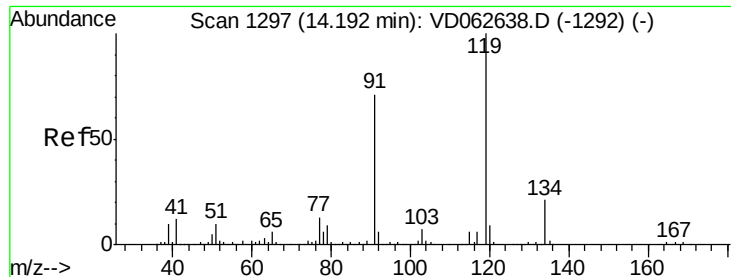
Tot Ion: 75 Resp: 31021
Ion Ratio Lower Upper
75 100
53 128.8 109.4 164.2
89 52.4 37.0 55.6



#82
4-Chlorotoluene
Concen: 21.755 ug/l
RT: 13.95 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

Tgt Ion: 91 Resp: 536846
Ion Ratio Lower Upper
91 100
126 28.6 15.6 46.8

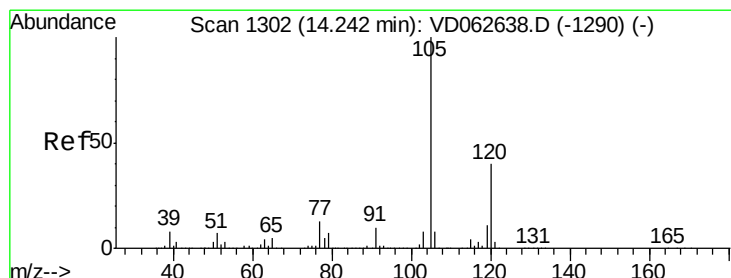
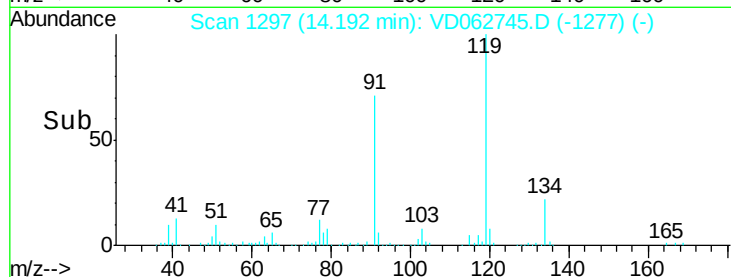
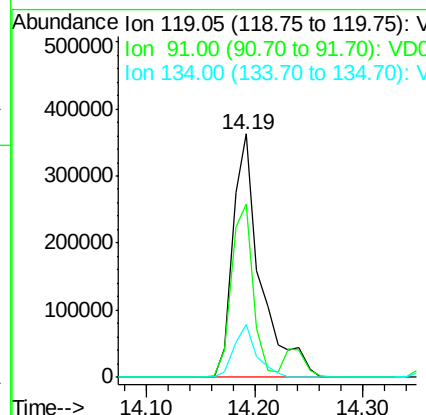
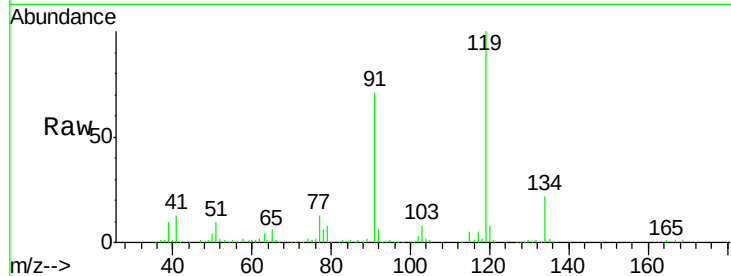




#83
 tert-Butylbenzene
 Concen: 23.096 ug/l
 RT: 14.19 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

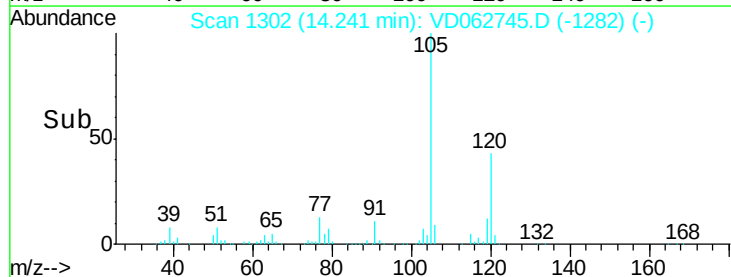
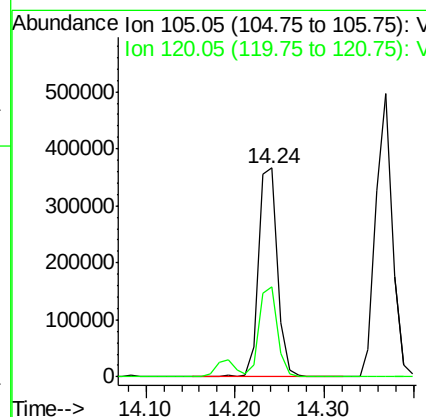
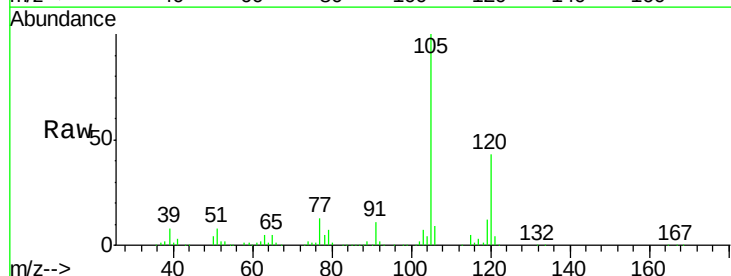
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBSD01

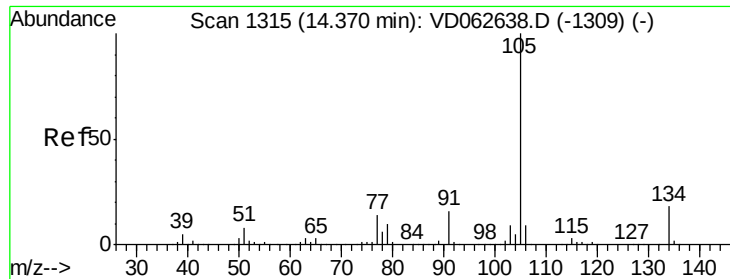
Tot Ion:119 Resp: 648197
 Ion Ratio Lower Upper
 119 100
 91 71.1 35.4 106.1
 134 21.6 10.8 32.3



#84
 1,2,4-Trimethylbenzene
 Concen: 21.021 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

Tgt Ion:105 Resp: 529604
 Ion Ratio Lower Upper
 105 100
 120 43.3 20.3 60.8

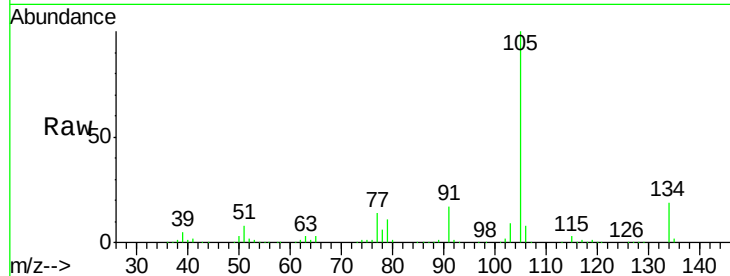




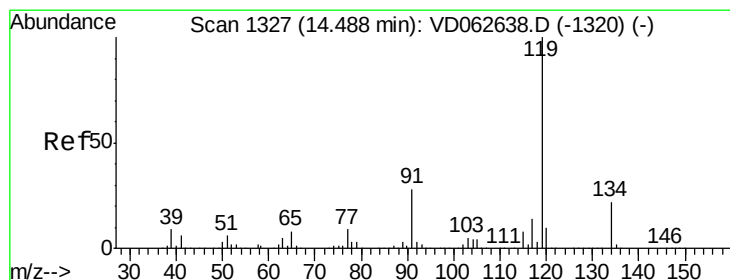
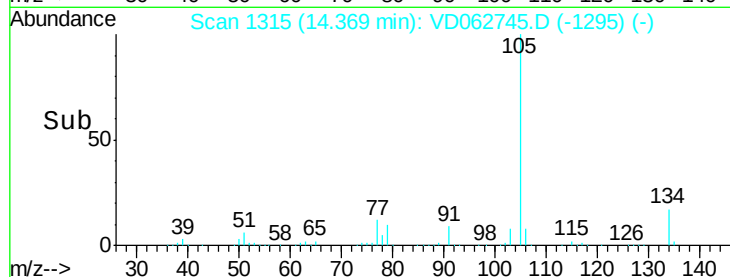
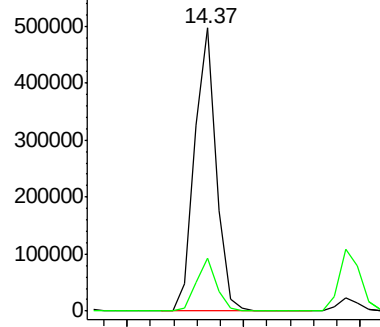
#85
 sec-Butylbenzene
 Concen: 21.642 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBSD01

Tot Ion:105 Resp: 636912
 Ion Ratio Lower Upper
 105 100
 134 18.8 8.8 26.2

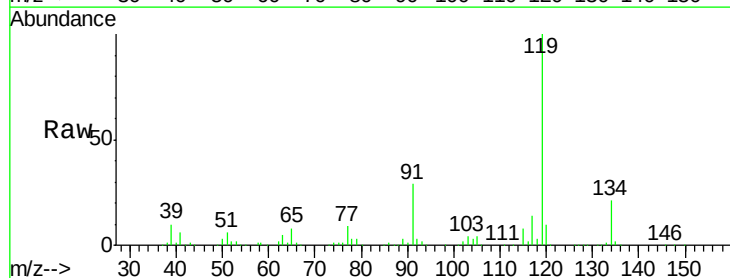


Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 134.10 (133.80 to 134.80): V

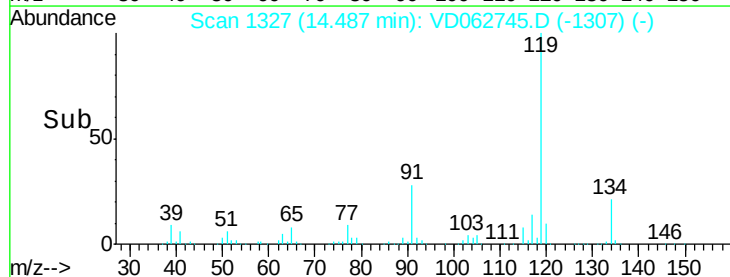
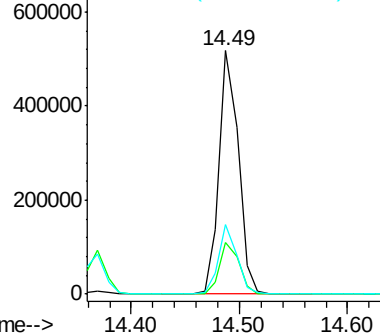


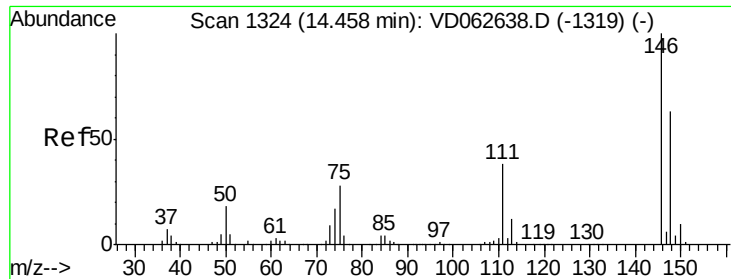
#86
 p-Isopropyltoluene
 Concen: 22.524 ug/l
 RT: 14.49 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

Tgt Ion:119 Resp: 645376
 Ion Ratio Lower Upper
 119 100
 134 21.0 10.9 32.6
 91 28.6 13.9 41.6



Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 134.10 (133.80 to 134.80): V
 Ion 91.00 (90.70 to 91.70): V

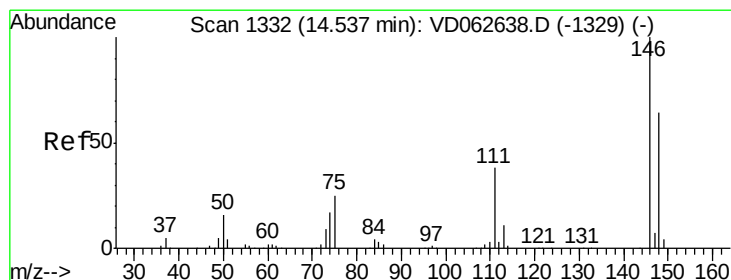
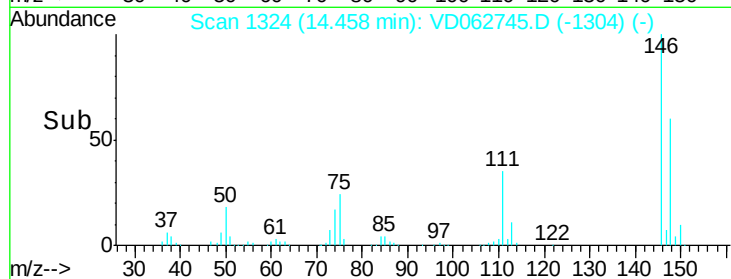
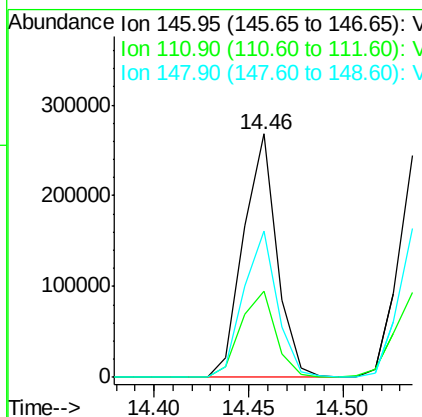
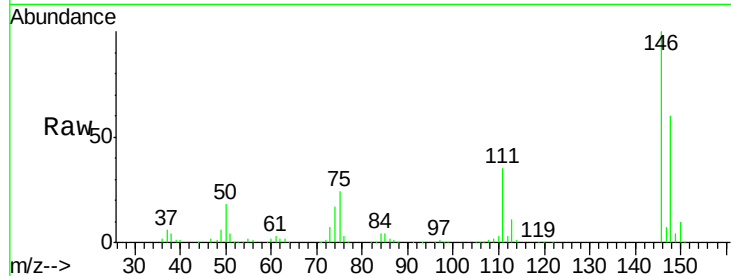




#87
 1,3-Dichlorobenzene
 Concen: 21.987 ug/l
 RT: 14.46 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

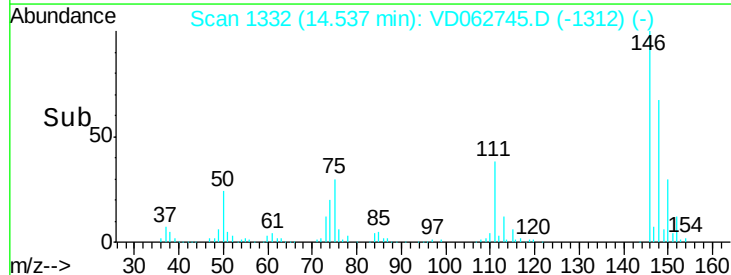
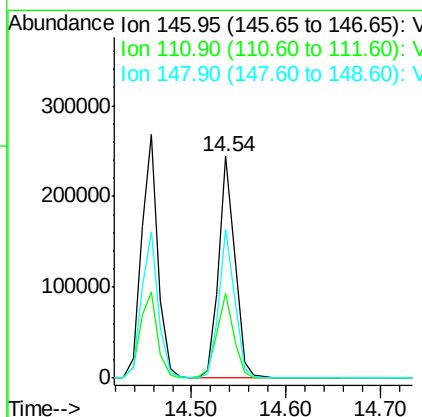
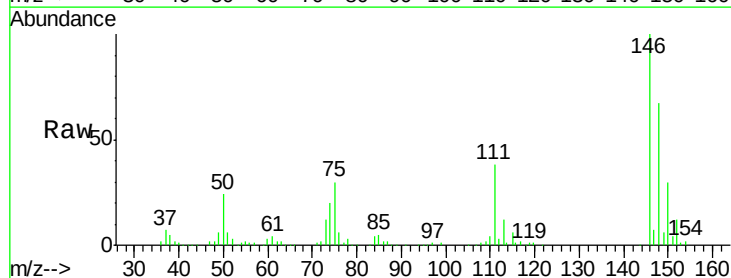
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBSD01

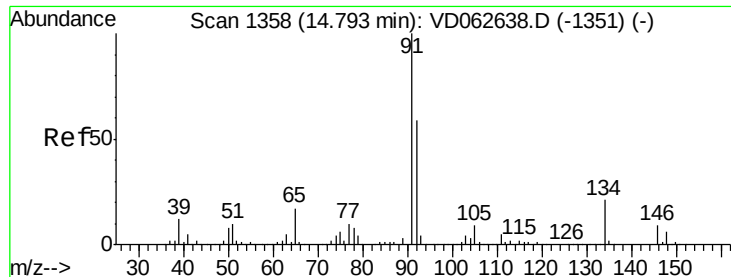
Tot Ion:146 Resp: 327782
 Ion Ratio Lower Upper
 146 100
 111 35.2 19.2 57.6
 148 60.0 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 20.737 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

Tgt Ion:146 Resp: 292164
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.7
 148 66.9 32.3 96.8

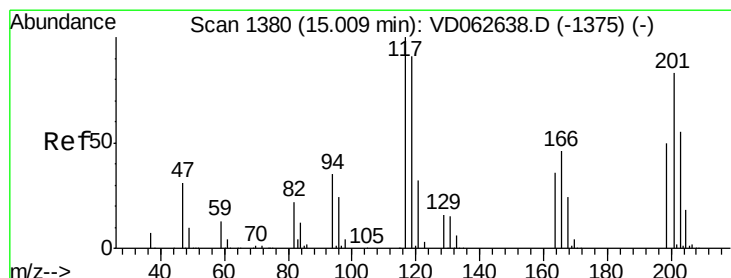
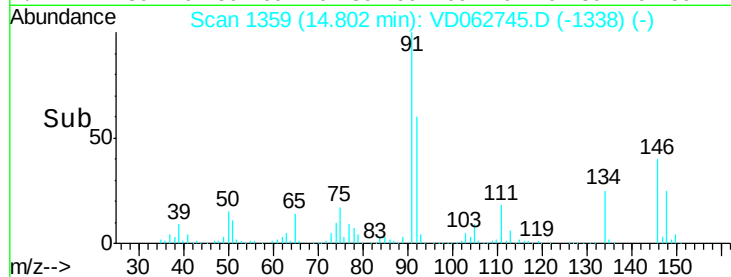
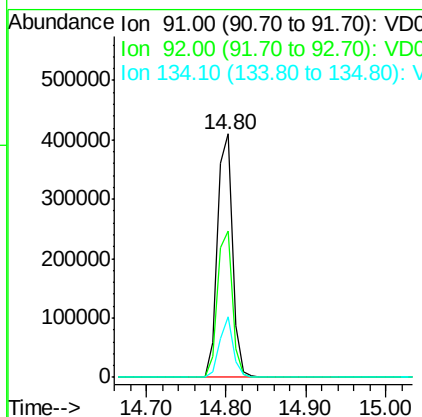
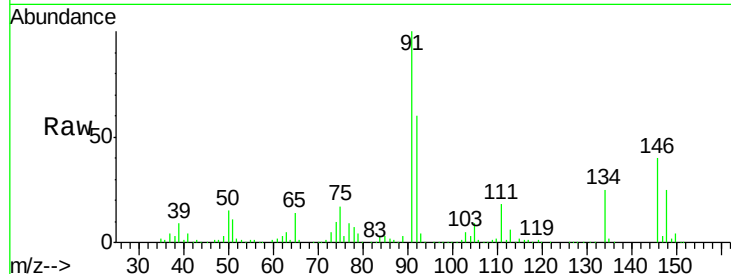




#89
n-Butylbenzene
Concen: 21.565 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. 0.01 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

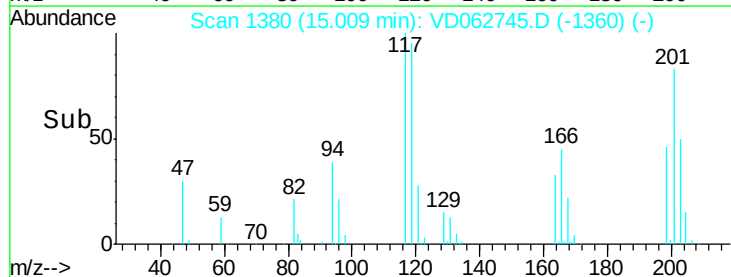
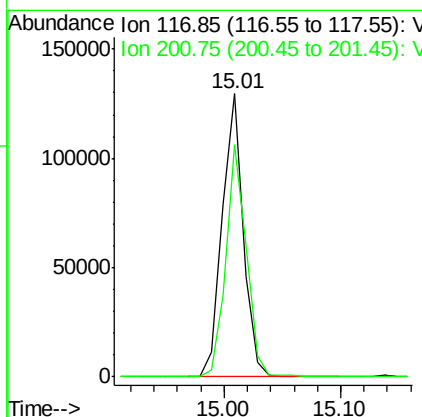
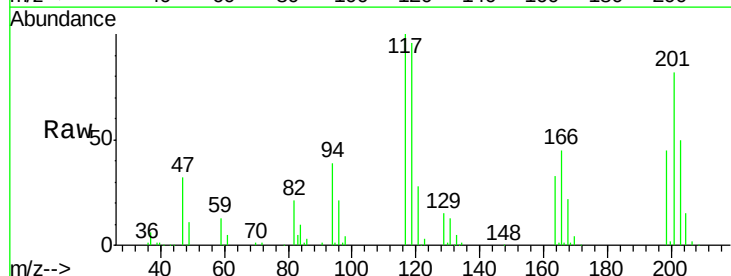
Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

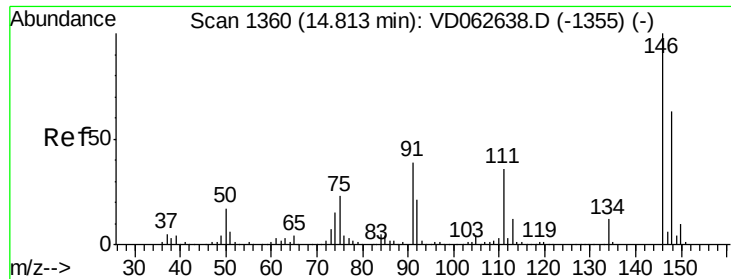
Tot Ion: 91 Resp: 555884
Ion Ratio Lower Upper
91 100
92 59.9 29.4 88.3
134 24.7 10.4 31.2



#90
Hexachloroethane
Concen: 21.389 ug/l
RT: 15.01 min Scan# 1380
Delta R.T. -0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

Tgt Ion: 117 Resp: 161793
Ion Ratio Lower Upper
117 100
201 82.1 41.5 124.6

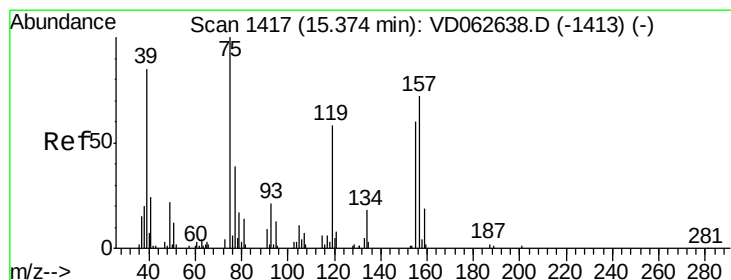
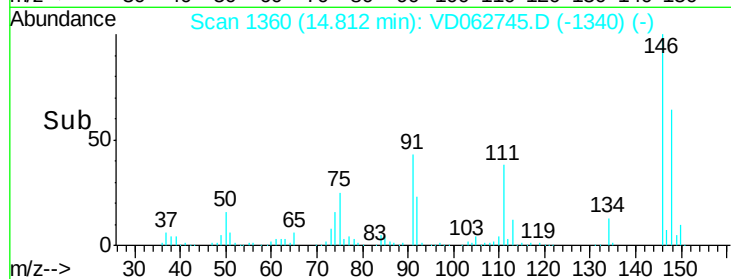
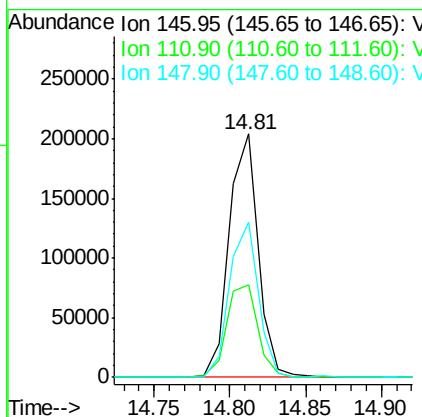
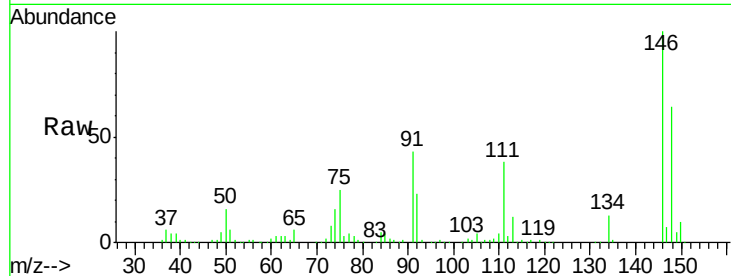




#91
 1,2-Dichlorobenzene
 Concen: 21.913 ug/l
 RT: 14.81 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

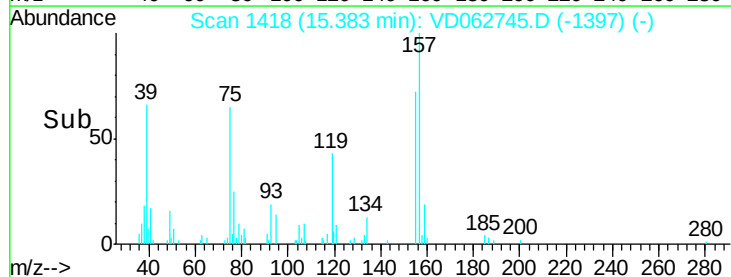
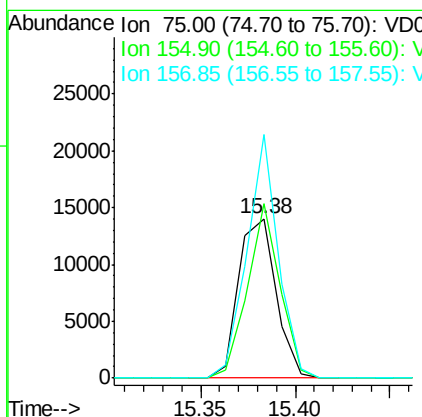
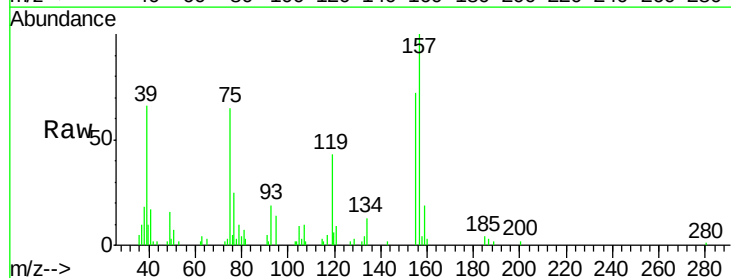
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBS01

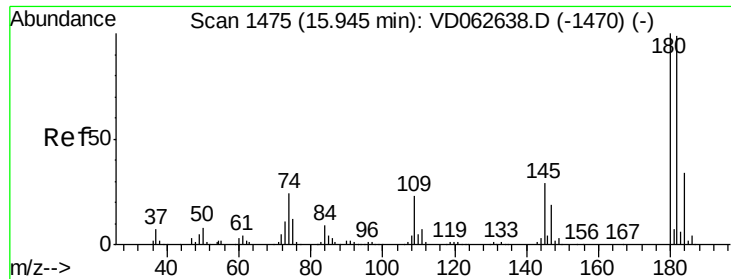
Tot Ion:146 Resp: 271550
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.1 54.3
 148 64.0 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.348 ug/l
 RT: 15.38 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

Tgt Ion: 75 Resp: 19308
 Ion Ratio Lower Upper
 75 100
 155 109.3 30.1 90.5#
 157 152.9 35.9 107.8#

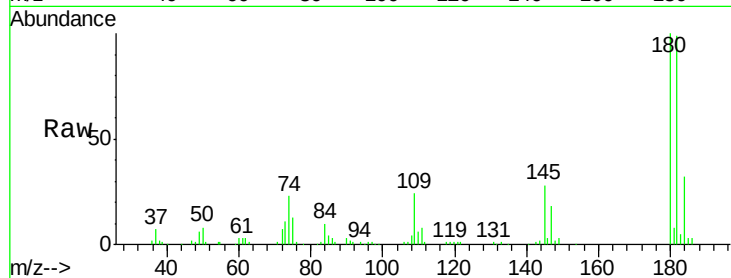




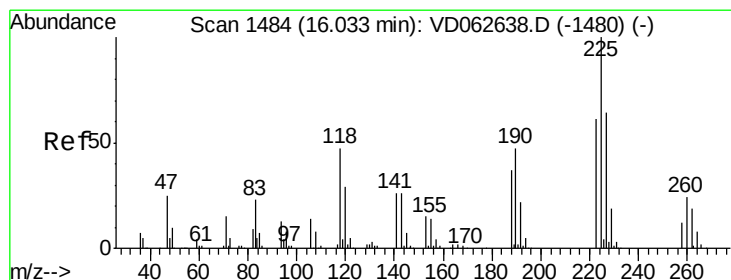
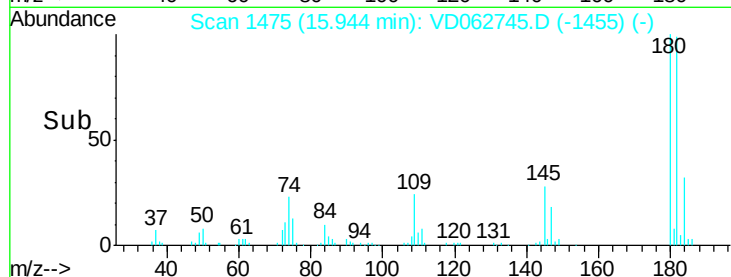
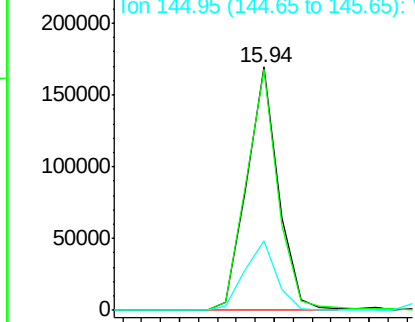
#93
 1,2,4-Trichlorobenzene
 Concen: 20.830 ug/l
 RT: 15.94 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBS01

Tot Ion:180 Resp: 195408
 Ion Ratio Lower Upper
 180 100
 182 99.0 49.4 148.2
 145 28.4 14.5 43.6

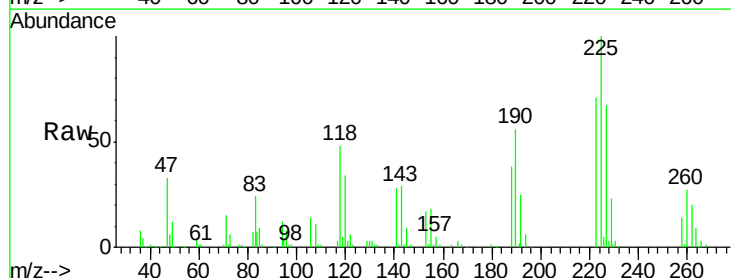


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

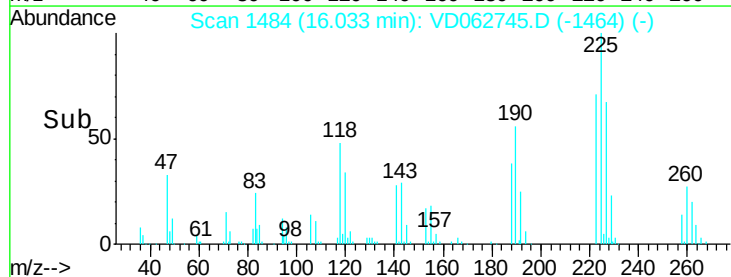
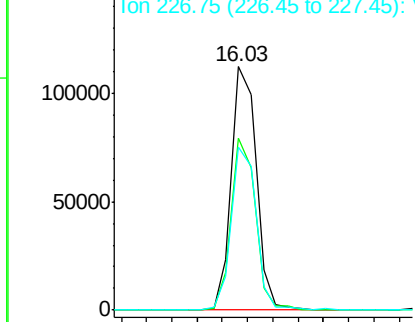


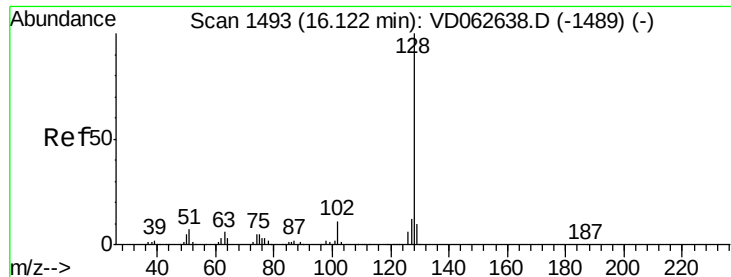
#94
 Hexachlorobutadiene
 Concen: 20.952 ug/l
 RT: 16.03 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: VD062745.D
 Acq: 18 Jun 2019 13:15

Tgt Ion:225 Resp: 153298
 Ion Ratio Lower Upper
 225 100
 223 70.7 30.3 91.0
 227 66.8 31.8 95.4



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

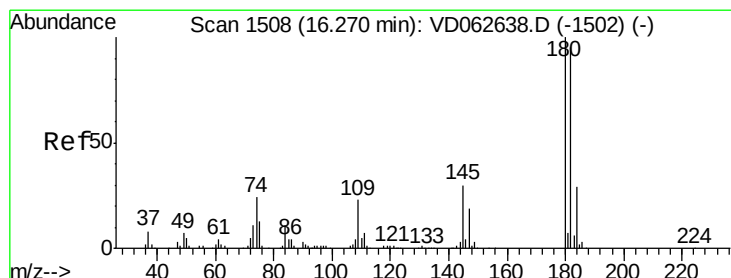
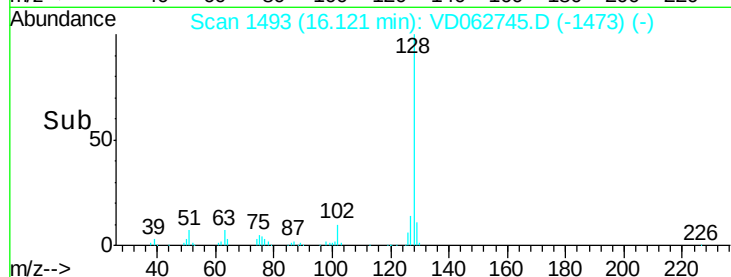
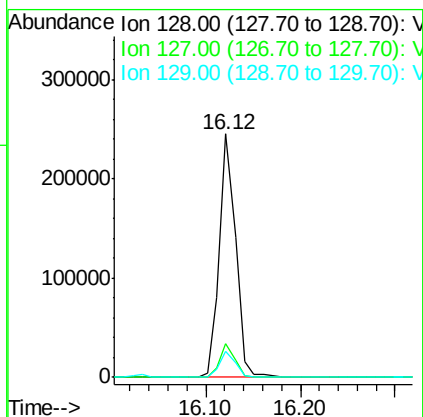
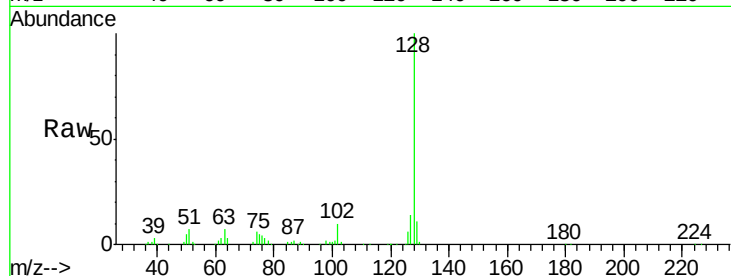




#95
Naphthalene
Concen: 21.957 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

Instrument :
MSVOA_D
ClientSampleId :
VD0618SBSD01

Tot Ion:128 Resp: 294633
Ion Ratio Lower Upper
128 100
127 13.8 9.7 14.5
129 10.9 8.1 12.1



#96
1,2,3-Trichlorobenzene
Concen: 22.572 ug/l
RT: 16.27 min Scan# 1508
Delta R.T. -0.00 min
Lab File: VD062745.D
Acq: 18 Jun 2019 13:15

Tgt Ion:180 Resp: 161113
Ion Ratio Lower Upper
180 100
182 90.8 47.7 143.1
145 30.2 15.0 45.0

