

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012819\
 Data File : VD060791.D
 Acq On : 28 Jan 2019 15:13
 Operator : JC/SY
 Sample : VSTDIC005
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 29 12:57:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 29 12:47:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.81	168	580756	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.99	114	799735	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.16	117	671848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.32	152	321684	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.22	65	48799	5.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.96%	
35) Dibromofluoromethane	6.69	113	42123	5.49	ug/l	0.02
Spiked Amount	50.000		Recovery	=	10.98%	
50) Toluene-d8	10.18	98	105176	5.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.74%	
62) 4-Bromofluorobenzene	13.35	95	51331	5.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.40%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.60	85	38933	5.514 ug/l	99
3) Chloromethane	1.78	50	25011	5.916 ug/l #	88
4) Vinyl Chloride	1.86	62	22659	5.049 ug/l	99
5) Bromomethane	2.15	94	8651	5.741 ug/l #	70
6) Chloroethane	2.26	64	9825	6.083 ug/l #	87
7) Trichlorofluoromethane	2.50	101	49069	5.555 ug/l	91
8) Diethyl Ether	2.82	74	6601	5.071 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.08	101	24922	5.567 ug/l	94
10) Methyl Iodide	3.23	142	22422	4.784 ug/l #	82
11) Tert butyl alcohol	3.94	59	9924	23.324 ug/l #	69
12) 1,1-Dichloroethene	3.06	96	17298	5.654 ug/l	87
13) Acrolein	2.97	56	4923	28.499 ug/l	93
14) Allyl chloride	3.52	41	43179	6.065 ug/l #	89
15) Acrylonitrile	4.05	53	23923	25.093 ug/l	92
16) Acetone	3.13	43	40985	31.994 ug/l	94
17) Carbon Disulfide	3.30	76	59760	5.515 ug/l	98
18) Methyl Acetate	3.54	43	15046	5.902 ug/l	93
19) Methyl tert-butyl Ether	4.10	73	68765	4.924 ug/l	97
20) Methylene Chloride	3.69	84	44194	6.742 ug/l	96
21) trans-1,2-Dichloroethene	4.07	96	27660	5.129 ug/l	93
22) Diisopropyl ether	4.90	45	97578	5.319 ug/l #	91
23) Vinyl Acetate	4.84	43	256291	24.260 ug/l	99
24) 1,1-Dichloroethane	4.78	63	63841	5.316 ug/l #	96
25) 2-Butanone	5.85	43	39569	24.040 ug/l	95
26) 2,2-Dichloropropane	5.80	77	74710	5.904 ug/l	96
27) cis-1,2-Dichloroethene	5.80	96	36976	6.020 ug/l	85
28) Bromochloromethane	6.22	49	25084	5.354 ug/l	94
29) Tetrahydrofuran	6.24	42	18383	23.257 ug/l	98
30) Chloroform	6.42	83	73511	5.179 ug/l	86
31) Cyclohexane	6.72	56	45278	5.541 ug/l	98
32) 1,1,1-Trichloroethane	6.64	97	75352	5.512 ug/l	95
36) 1,1-Dichloropropene	6.92	75	55259	5.787 ug/l	86
37) Ethyl Acetate	5.95	43	24348	5.712 ug/l #	90
38) Carbon Tetrachloride	6.88	117	64624	5.397 ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012819\
 Data File : VD060791.D
 Acq On : 28 Jan 2019 15:13
 Operator : JC/SY
 Sample : VSTDIC005
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 29 12:57:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 29 12:47:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	8.64	83	43381	5.425	ug/l	96
40) Benzene	7.23	78	109973	5.835	ug/l	93
41) Methacrylonitrile	6.24	41	27705	9.884	ug/l #	91
42) 1,2-Dichloroethane	7.35	62	55500	5.069	ug/l	97
43) Isopropyl Acetate	9.01	43	28187	5.070	ug/l	93
44) Trichloroethene	8.30	130	35135	5.500	ug/l	85
45) 1,2-Dichloropropane	8.71	63	25767	5.051	ug/l #	87
46) Dibromomethane	8.83	93	19388	4.896	ug/l	93
47) Bromodichloromethane	9.15	83	55702	5.211	ug/l #	97
48) Methyl methacrylate	8.89	41	21299	5.556	ug/l #	85
49) 1,4-Dioxane	8.85	88	2170	73.008	ug/l	94
51) 4-Methyl-2-Pentanone	10.09	43	96353	26.763	ug/l	99
52) Toluene	10.29	92	71415	5.974	ug/l	98
53) t-1,3-Dichloropropene	10.70	75	49100	5.222	ug/l #	88
54) cis-1,3-Dichloropropene	9.82	75	50291	5.216	ug/l	93
55) 1,1,2-Trichloroethane	10.97	97	20849	5.115	ug/l	98
56) Ethyl methacrylate	10.82	69	26158	5.298	ug/l	90
57) 1,3-Dichloropropane	11.19	76	35488	5.095	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.63	63	77331	29.851	ug/l	92
59) 2-Hexanone	11.33	43	68872	25.442	ug/l	100
60) Dibromochloromethane	11.47	129	36491	4.980	ug/l	88
61) 1,2-Dibromoethane	11.59	107	24721	5.150	ug/l	96
64) Tetrachloroethene	11.04	164	30484	4.944	ug/l	98
65) Chlorobenzene	12.19	112	85685	5.581	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.31	131	35300	5.352	ug/l	93
67) Ethyl Benzene	12.32	91	163461	5.921	ug/l	99
68) m/p-Xylenes	12.46	106	107162	11.931	ug/l	100
69) o-Xylene	12.84	106	50437	5.673	ug/l	95
70) Styrene	12.87	104	86324	5.791	ug/l	94
71) Bromoform	13.03	173	23295	4.687	ug/l	93
73) Isopropylbenzene	13.21	105	155936	6.080	ug/l	98
74) N-amyl acetate	13.07	43	41027	5.203	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	13.50	83	24994	5.352	ug/l	94
76) 1,2,3-Trichloropropane	13.53	75	30428	5.158	ug/l	97
77) Bromobenzene	13.47	156	37327	5.662	ug/l	87
78) n-propylbenzene	13.57	91	181210	5.628	ug/l	99
79) 2-Chlorotoluene	13.64	91	115186	5.865	ug/l	98
80) 1,3,5-Trimethylbenzene	14.04	105	129779	5.878	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.27	75	7327	4.764	ug/l #	88
82) 4-Chlorotoluene	13.75	91	120865	5.538	ug/l	96
83) tert-Butylbenzene	13.99	119	138003	5.974	ug/l	93
84) 1,2,4-Trimethylbenzene	14.04	105	129779	5.878	ug/l	96
85) sec-Butylbenzene	14.17	105	157349	5.984	ug/l	93
86) p-Isopropyltoluene	14.29	119	116751	5.469	ug/l	98
87) 1,3-Dichlorobenzene	14.26	146	70276	5.959	ug/l	94
88) 1,4-Dichlorobenzene	14.34	146	63249	5.520	ug/l	96
89) n-Butylbenzene	14.60	91	131179	5.889	ug/l	97
90) Hexachloroethane	14.81	117	35900	5.651	ug/l	91
91) 1,2-Dichlorobenzene	14.61	146	58193	5.945	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.18	75	5274	4.754	ug/l	82

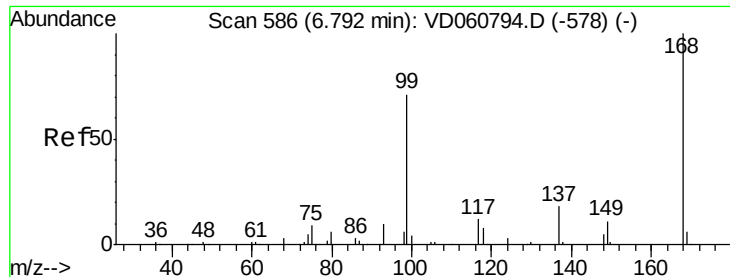
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD012819\
Data File : VD060791.D
Acq On : 28 Jan 2019 15:13
Operator : JC/SY
Sample : VSTDICC005
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 29 12:57:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 29 12:47:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.75	180	47058	5.552	ug/l	95
94) Hexachlorobutadiene	15.84	225	35785	5.627	ug/l	97
95) Naphthalene	15.93	128	67050	5.149	ug/l	99
96) 1,2,3-Trichlorobenzene	16.08	180	39968	5.423	ug/l	87

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.81 min Scan# 587

Delta R.T. 0.02 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

Instrument :

MSVOA_D

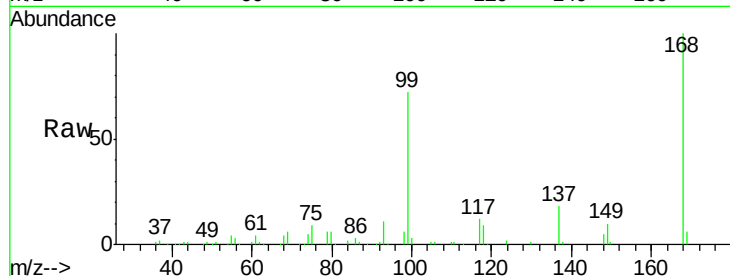
ClientSampleId :

Tgt Ion: 168 Resp: 580756

Ion Ratio Lower Upper

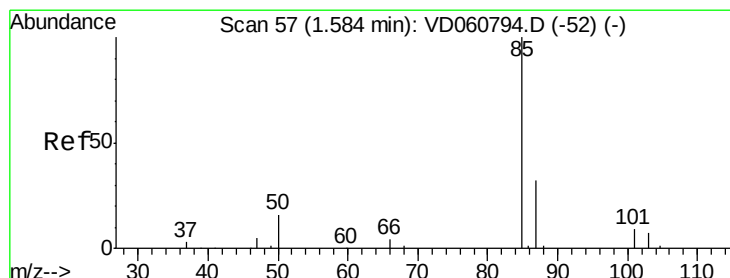
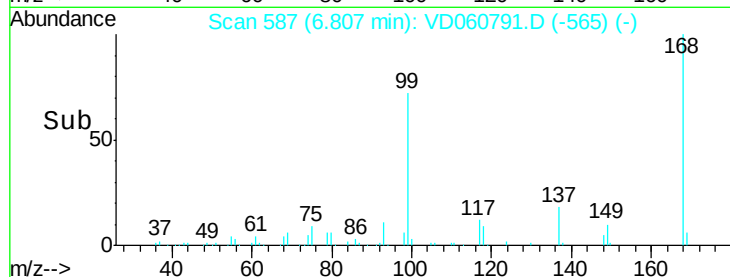
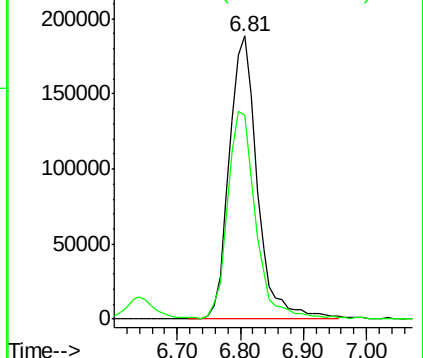
168 100

99 72.2 59.2 88.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 5.514 ug/l

RT: 1.60 min Scan# 58

Delta R.T. 0.02 min

Lab File: VD060791.D

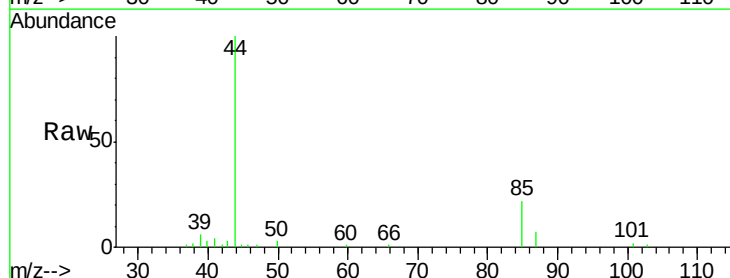
Acq: 28 Jan 2019 15:13

Tgt Ion: 85 Resp: 38933

Ion Ratio Lower Upper

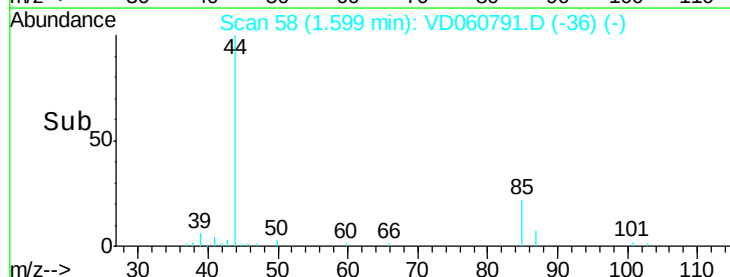
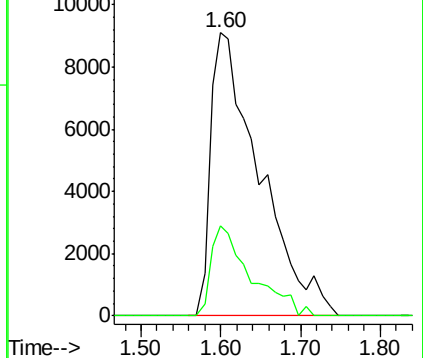
85 100

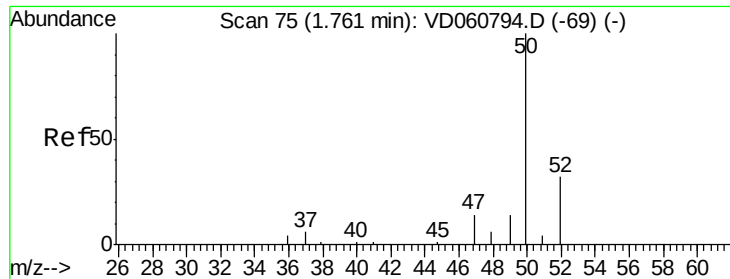
87 31.9 16.2 48.5



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 5.916 ug/l

RT: 1.78 min Scan# 76

Delta R.T. 0.02 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

Instrument :

MSVOA_D

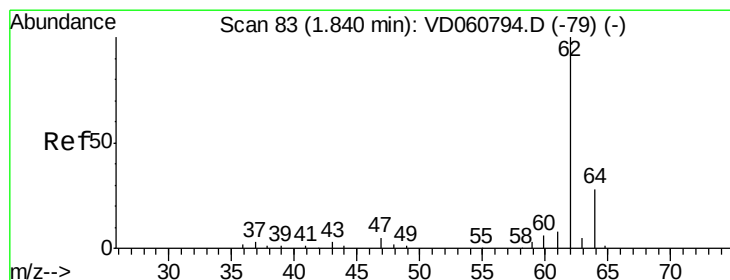
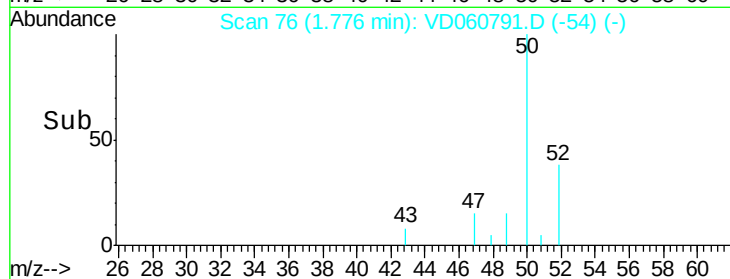
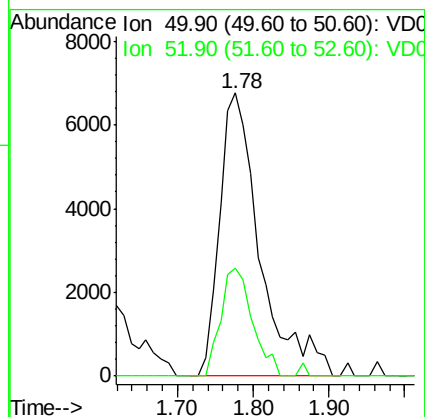
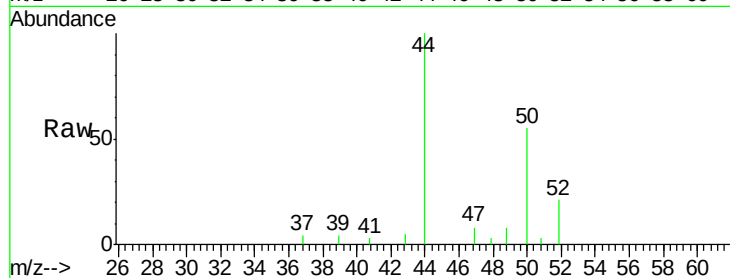
ClientSampleId :

Tgt Ion: 50 Resp: 25011

Ion Ratio Lower Upper

50 100

52 38.0 25.2 37.8#



#4

Vinyl Chloride

Concen: 5.049 ug/l

RT: 1.86 min Scan# 84

Delta R.T. 0.02 min

Lab File: VD060791.D

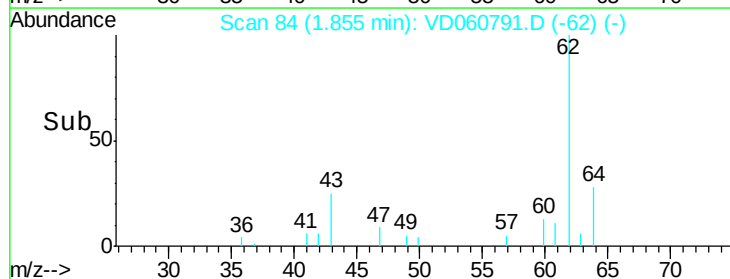
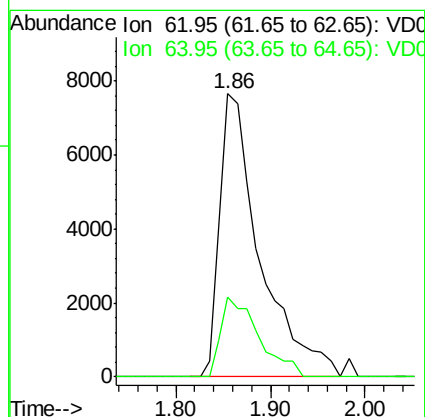
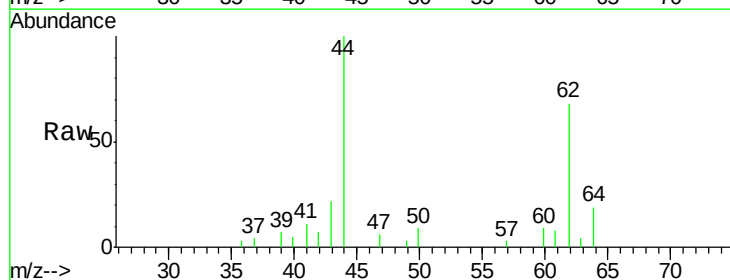
Acq: 28 Jan 2019 15:13

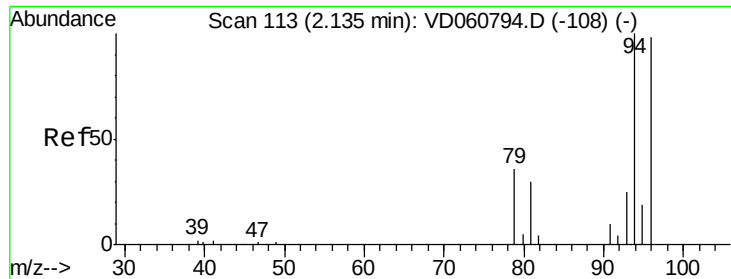
Tgt Ion: 62 Resp: 22659

Ion Ratio Lower Upper

62 100

64 28.3 22.1 33.1





#5

Bromomethane

Concen: 5.741 ug/l

RT: 2.15 min Scan# 114

Delta R.T. 0.02 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

Instrument :

MSVOA_D

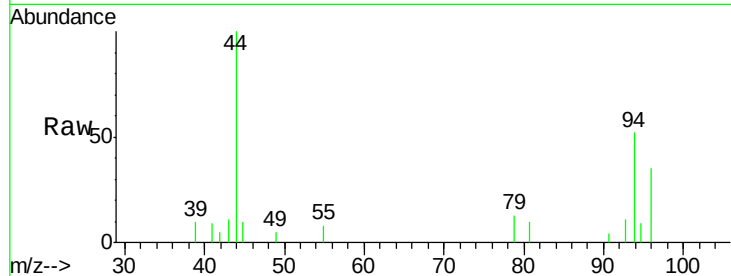
ClientSampleId :

Tgt Ion: 94 Resp: 8651

Ion Ratio Lower Upper

94 100

96 68.1 78.0 117.0#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.15

4000

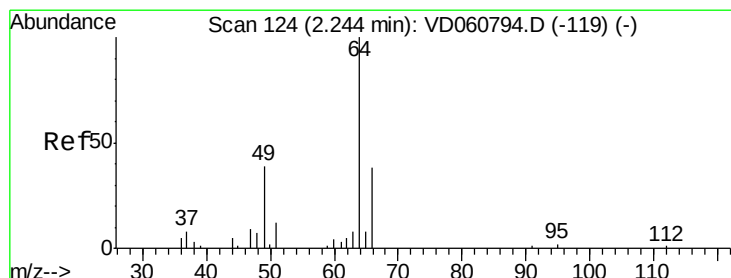
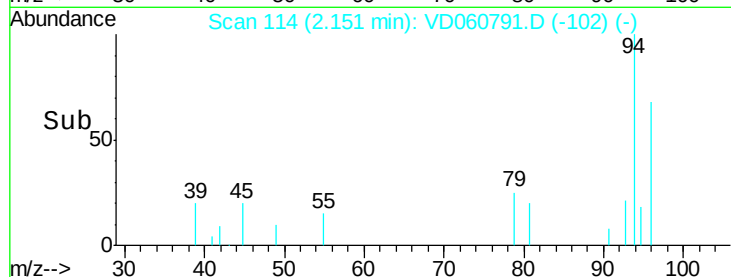
3000

2000

1000

0

Time-->



#6

Chloroethane

Concen: 6.083 ug/l

RT: 2.26 min Scan# 125

Delta R.T. 0.02 min

Lab File: VD060791.D

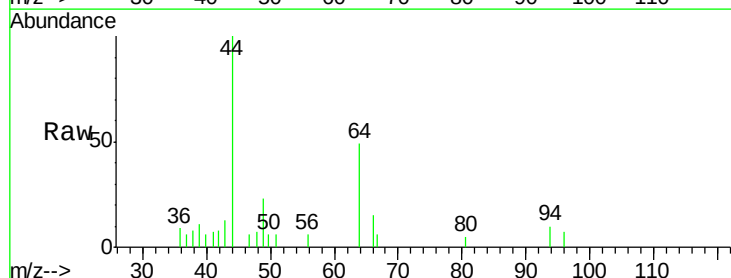
Acq: 28 Jan 2019 15:13

Tgt Ion: 64 Resp: 9825

Ion Ratio Lower Upper

64 100

66 29.7 30.2 45.4#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.26

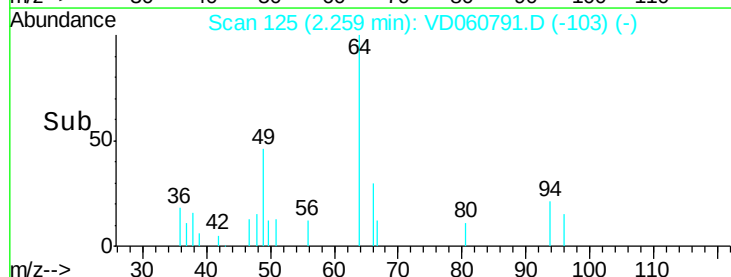
3000

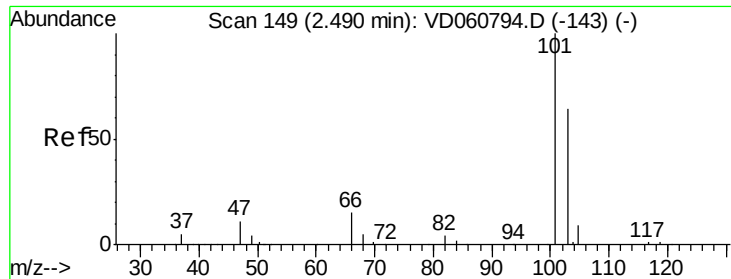
2000

1000

0

Time-->



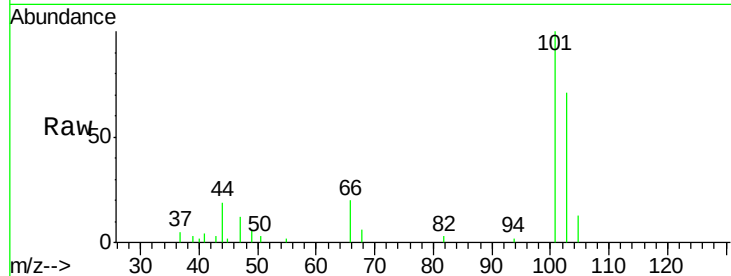


#7

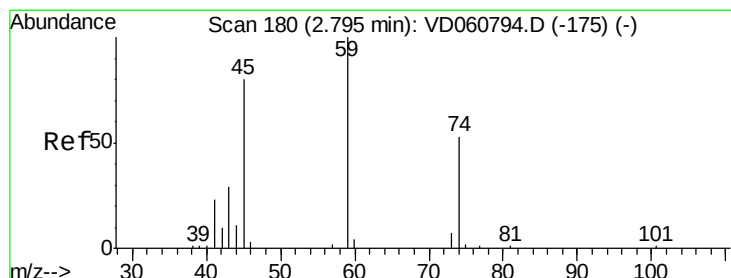
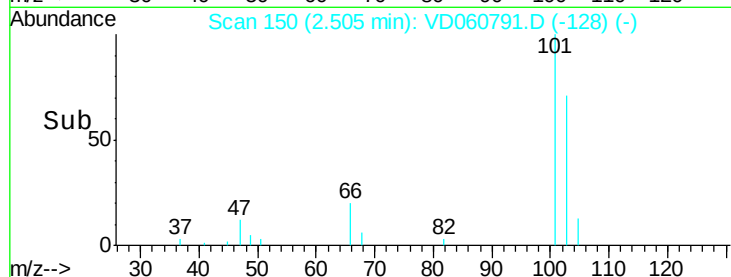
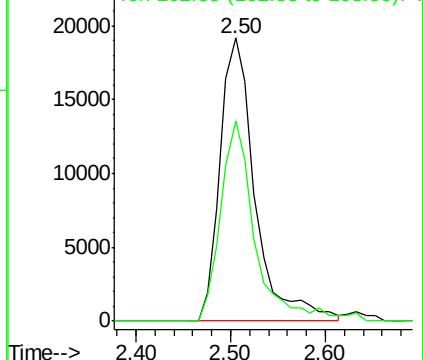
Trichlorofluoromethane
 Concen: 5.555 ug/l
 RT: 2.50 min Scan# 150
 Delta R.T. 0.02 min
 Lab File: VD060791.D
 Acq: 28 Jan 2019 15:13

Instrument :
 MSVOA_D
 ClientSampled :

Tgt Ion: 101 Resp: 49069
 Ion Ratio Lower Upper
 101 100
 103 70.9 51.3 76.9



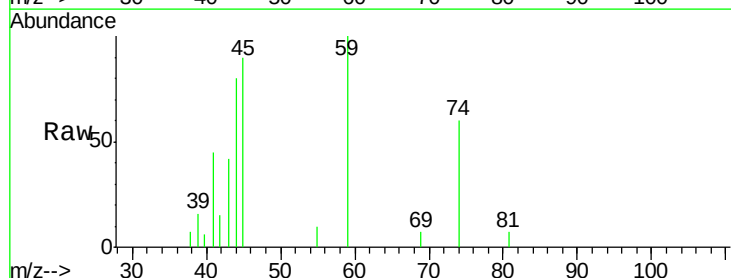
Abundance Ion 100.85 (100.55 to 101.55): V
 Ion 102.85 (102.55 to 103.55): V



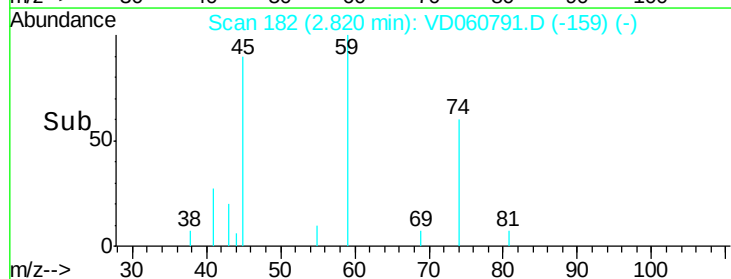
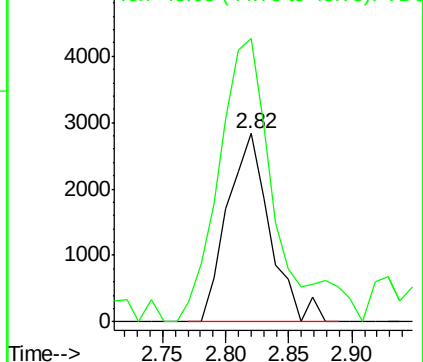
#8

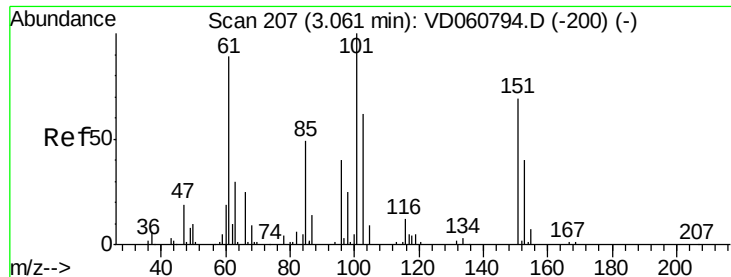
Diethyl Ether
 Concen: 5.071 ug/l
 RT: 2.82 min Scan# 182
 Delta R.T. 0.03 min
 Lab File: VD060791.D
 Acq: 28 Jan 2019 15:13

Tgt Ion: 74 Resp: 6601
 Ion Ratio Lower Upper
 74 100
 45 150.5 75.6 226.8



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.567 ug/l

RT: 3.08 min Scan# 208

Delta R.T. 0.02 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

Instrument :

MSVOA_D

ClientSampleId :

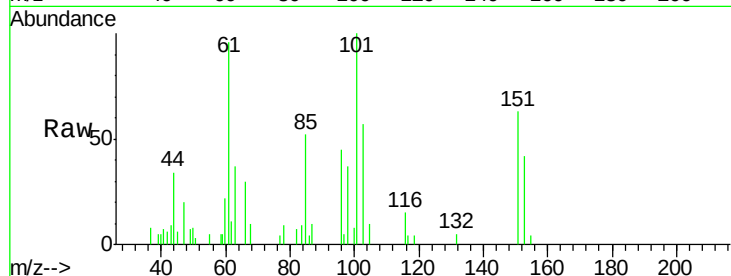
Tgt Ion:101 Resp: 24922

Ion Ratio Lower Upper

101 100

85 52.2 39.3 58.9

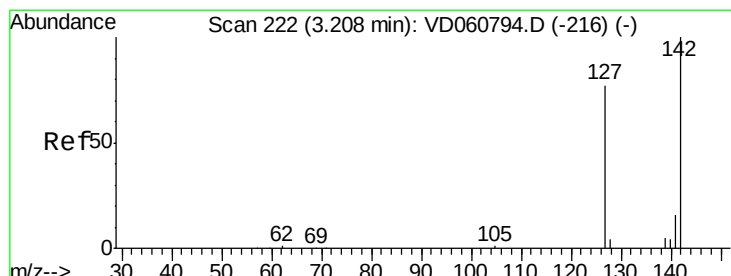
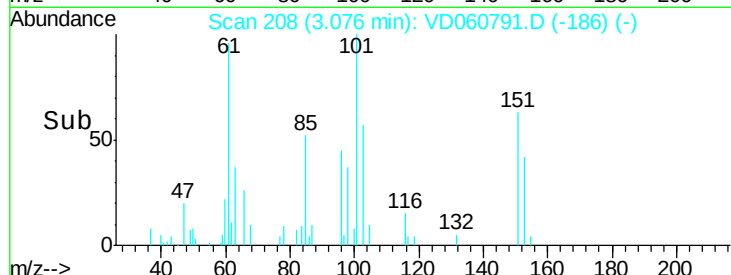
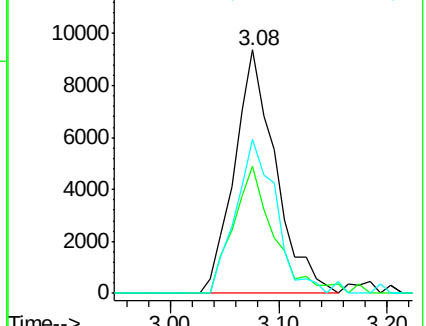
151 63.4 55.1 82.7



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 4.784 ug/l

RT: 3.23 min Scan# 224

Delta R.T. 0.02 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

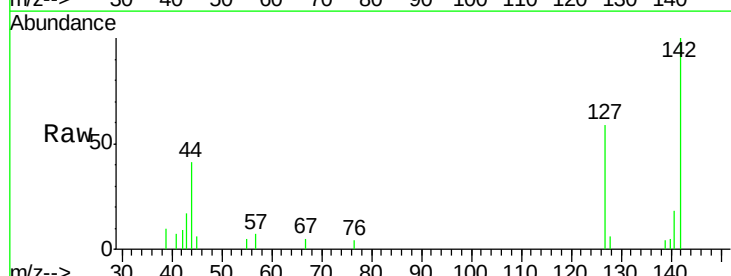
Tgt Ion:142 Resp: 22422

Ion Ratio Lower Upper

142 100

127 59.1 61.6 92.4#

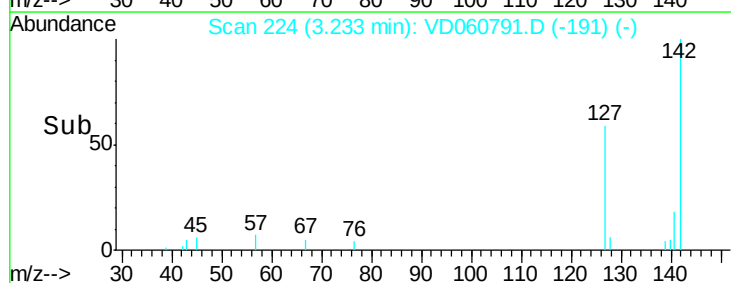
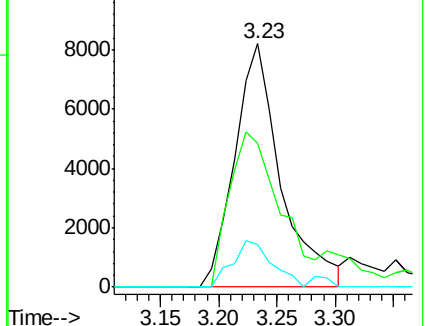
141 17.8 12.5 18.7

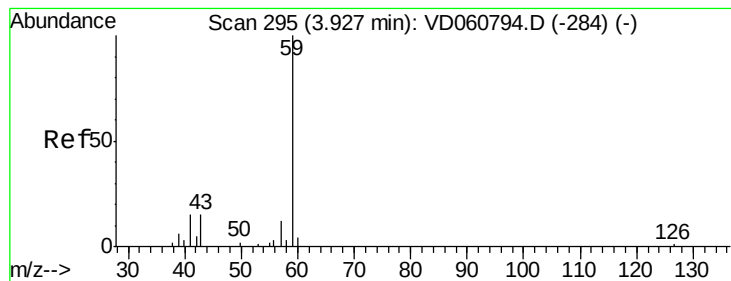


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



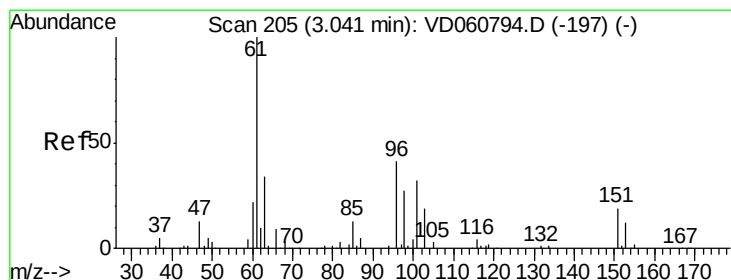
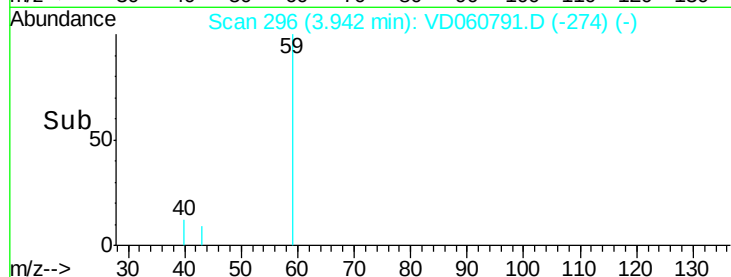
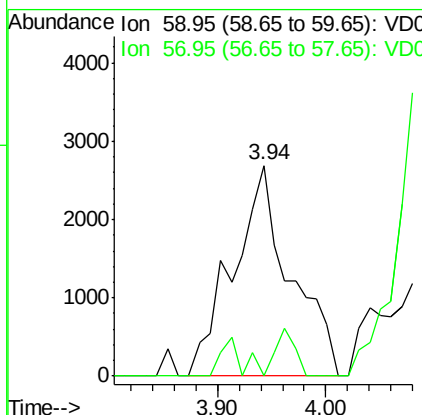
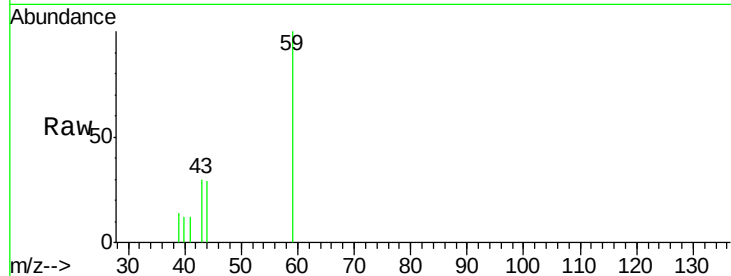


#11

Tert butyl alcohol
 Concen: 23.324 ug/l
 RT: 3.94 min Scan# 296
 Delta R.T. 0.02 min
 Lab File: VD060791.D
 Acq: 28 Jan 2019 15:13

Instrument :
 MSVOA_D
 ClientSampleId :

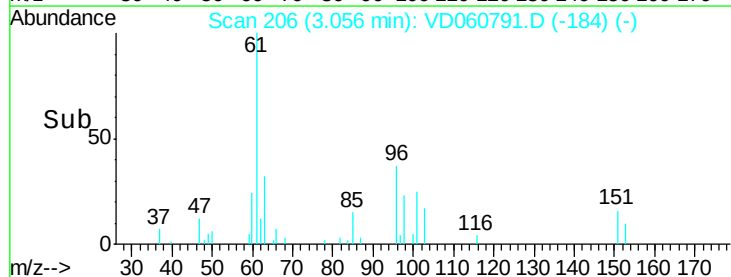
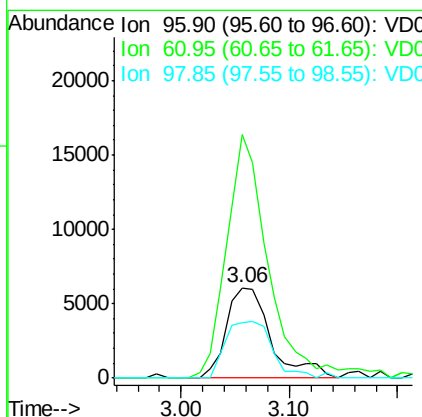
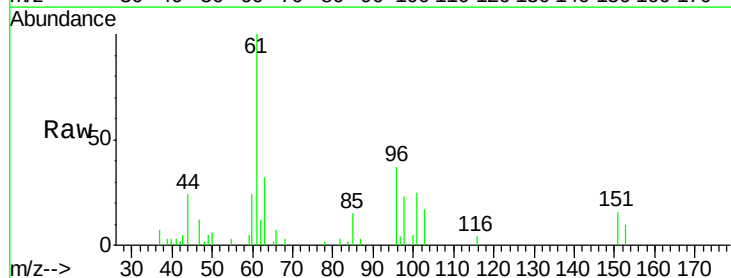
Tgt Ion: 59 Resp: 9924
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.8 14.6#

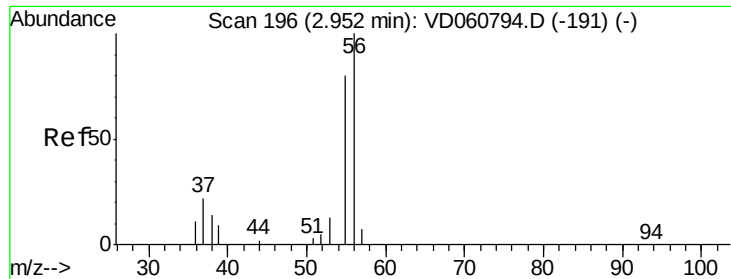


#12

1,1-Dichloroethene
 Concen: 5.654 ug/l
 RT: 3.06 min Scan# 206
 Delta R.T. 0.02 min
 Lab File: VD060791.D
 Acq: 28 Jan 2019 15:13

Tgt Ion: 96 Resp: 17298
 Ion Ratio Lower Upper
 96 100
 61 268.8 195.1 292.7
 98 61.1 52.5 78.7





#13

Acrolein

Concen: 28.499 ug/l

RT: 2.97 min Scan# 197

Delta R.T. 0.02 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

Instrument :

MSVOA_D

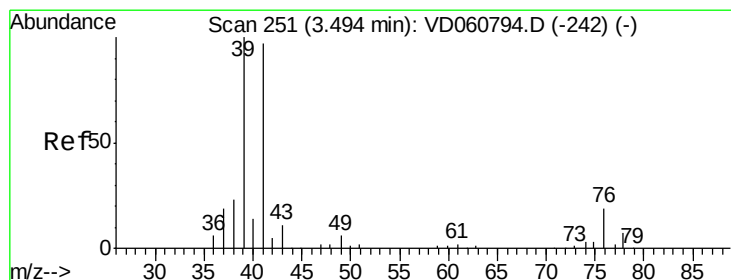
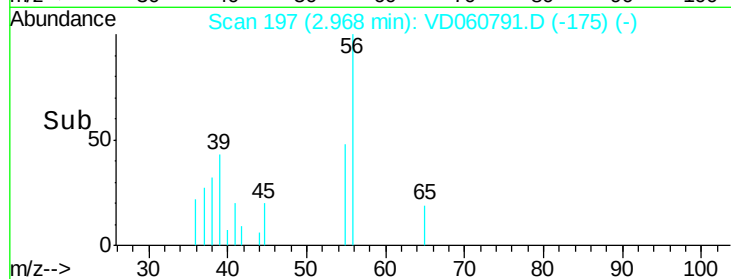
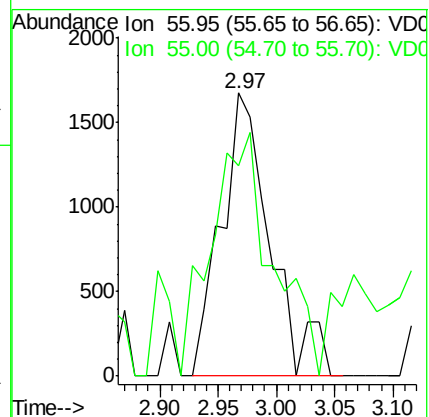
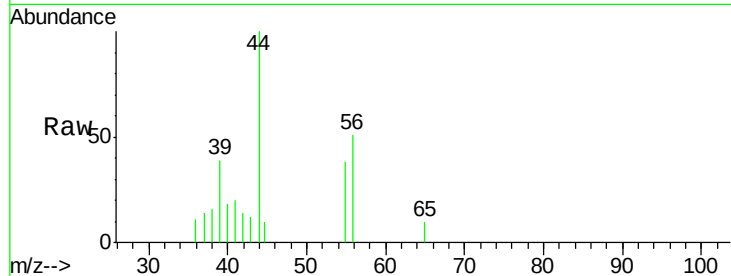
ClientSampleId :

Tgt Ion: 56 Resp: 4923

Ion Ratio Lower Upper

56 100

55 74.3 64.2 96.2



#14

Allyl chloride

Concen: 6.065 ug/l

RT: 3.52 min Scan# 253

Delta R.T. 0.03 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

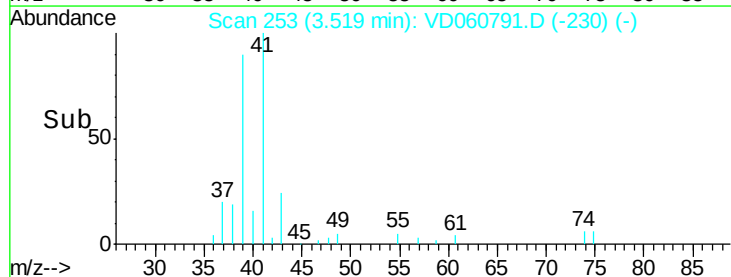
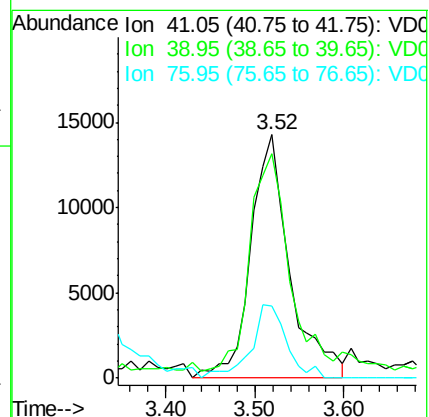
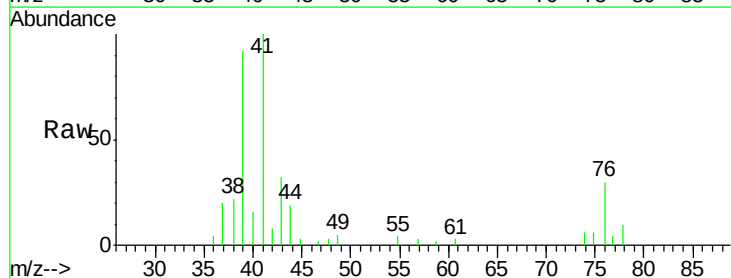
Tgt Ion: 41 Resp: 43179

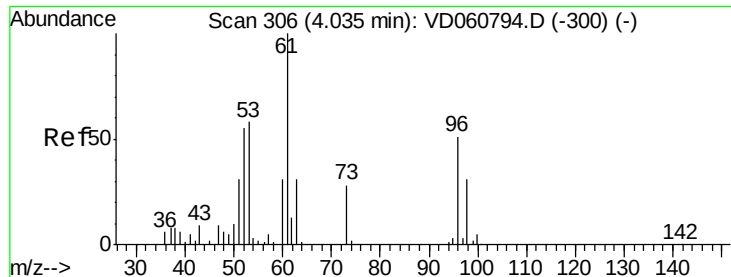
Ion Ratio Lower Upper

41 100

39 92.2 82.6 123.8

76 29.9 18.9 28.3#

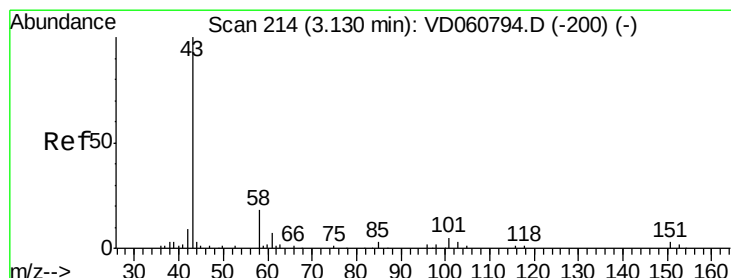
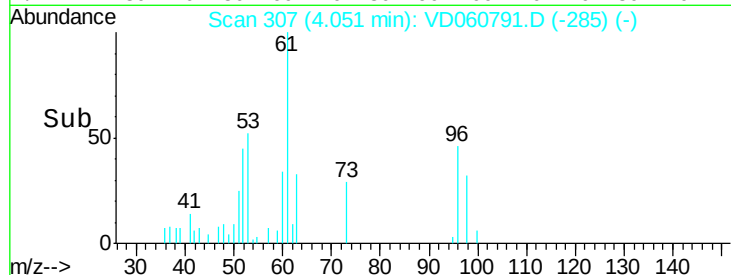
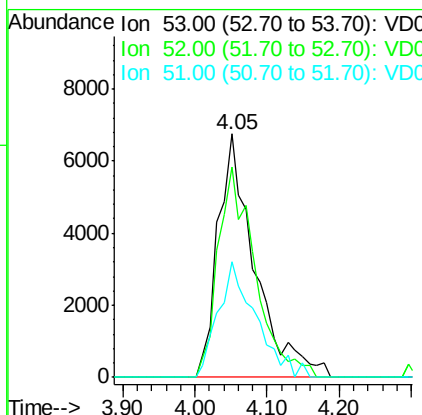
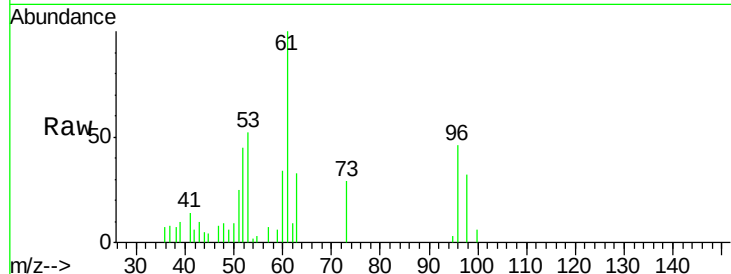




#15
 Acrylonitrile
 Concen: 25.093 ug/l
 RT: 4.05 min Scan# 307
 Delta R.T. 0.02 min
 Lab File: VD060791.D
 Acq: 28 Jan 2019 15:13

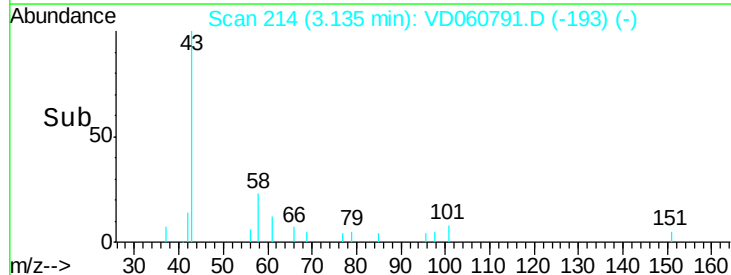
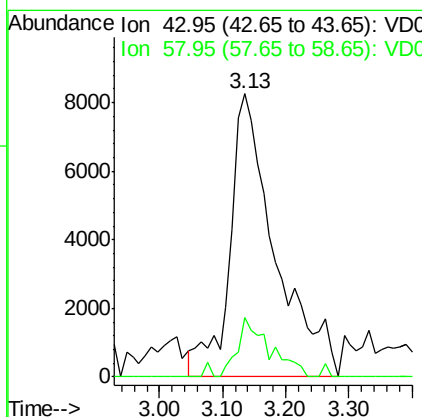
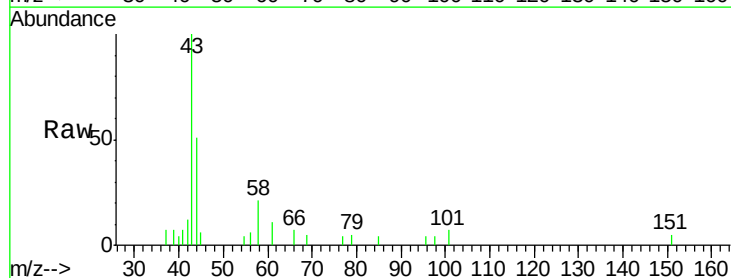
Instrument :
 MSVOA_D
 ClientSampleId :

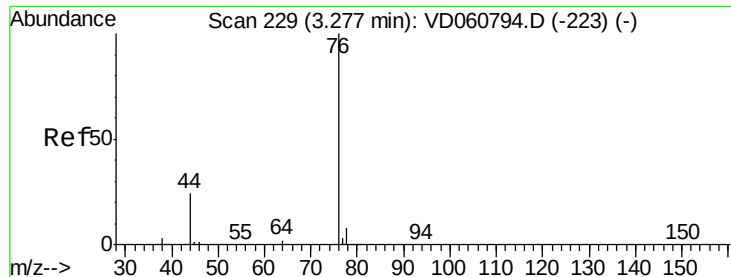
Tgt Ion: 53 Resp: 23923
 Ion Ratio Lower Upper
 53 100
 52 86.4 75.4 113.2
 51 47.3 42.5 63.7



#16
 Acetone
 Concen: 31.994 ug/l
 RT: 3.13 min Scan# 214
 Delta R.T. 0.01 min
 Lab File: VD060791.D
 Acq: 28 Jan 2019 15:13

Tgt Ion: 43 Resp: 40985
 Ion Ratio Lower Upper
 43 100
 58 20.8 14.5 21.7

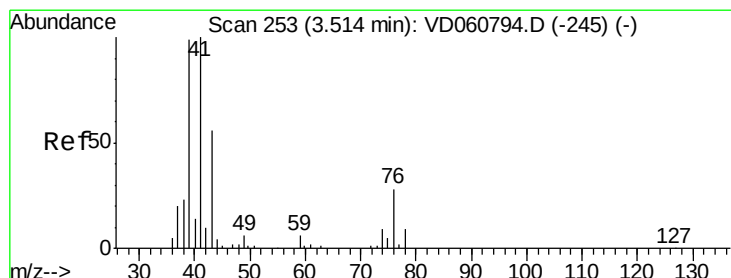
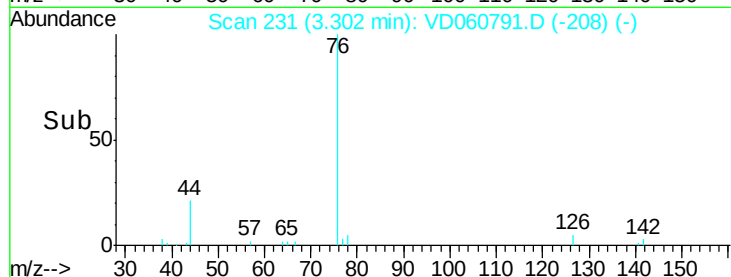
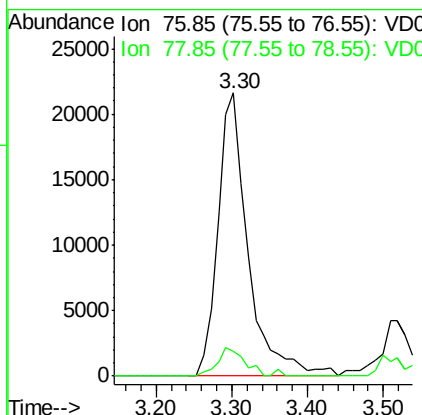
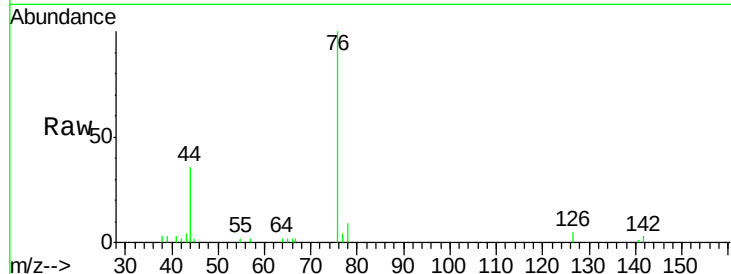




#17
Carbon Disulfide
Concen: 5.515 ug/l
RT: 3.30 min Scan# 231
Delta R.T. 0.02 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

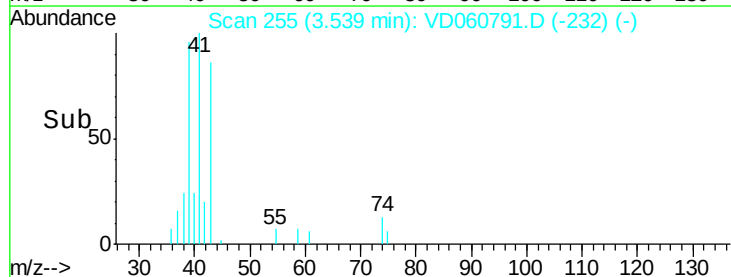
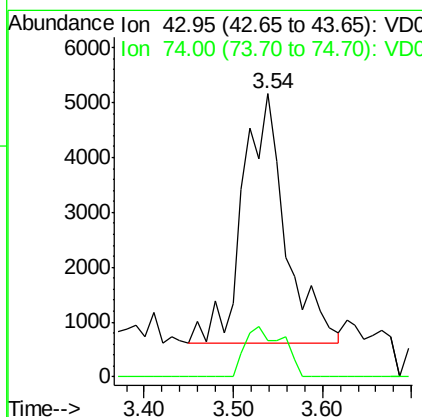
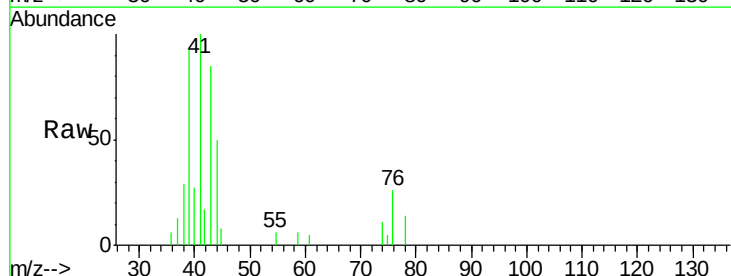
Instrument :
MSVOA_D
ClientSampleId :

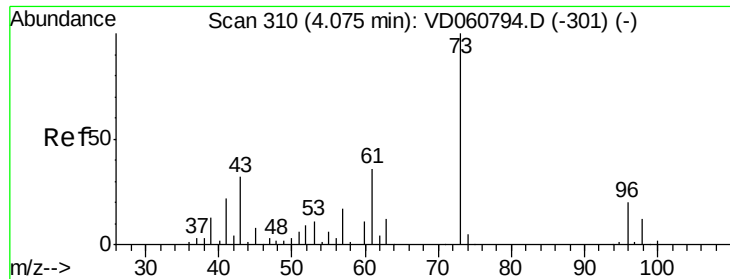
Tgt Ion: 76 Resp: 59760
Ion Ratio Lower Upper
76 100
78 8.8 6.5 9.7



#18
Methyl Acetate
Concen: 5.902 ug/l
RT: 3.54 min Scan# 255
Delta R.T. 0.02 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Tgt Ion: 43 Resp: 15046
Ion Ratio Lower Upper
43 100
74 12.7 12.5 18.7

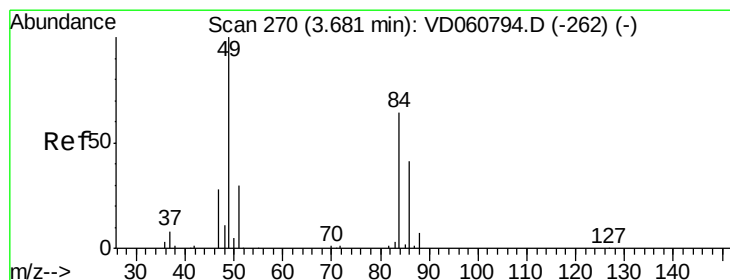
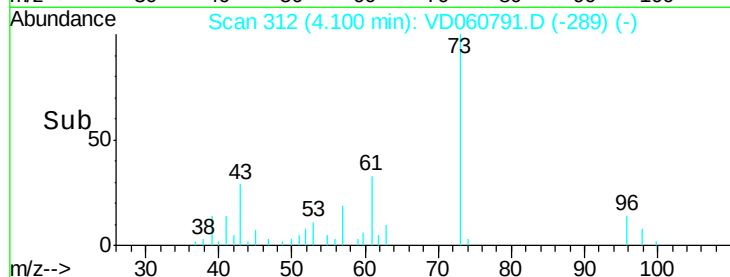
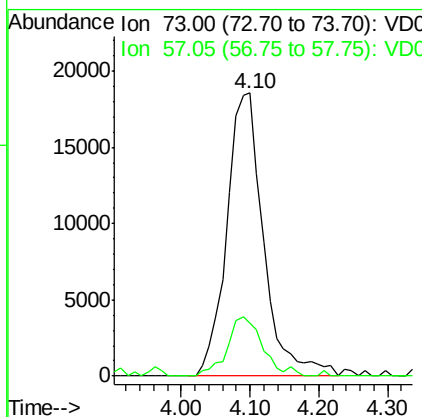
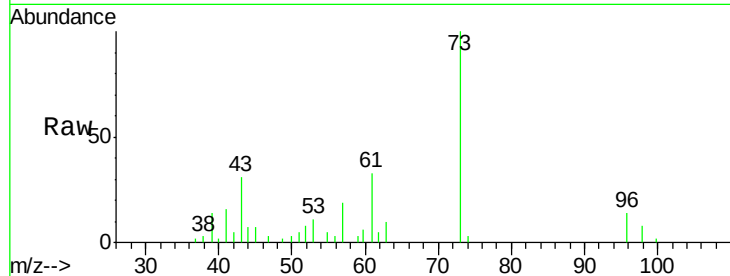




#19
Methyl tert-butyl Ether
Concen: 4.924 ug/l
RT: 4.10 min Scan# 312
Delta R.T. 0.02 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

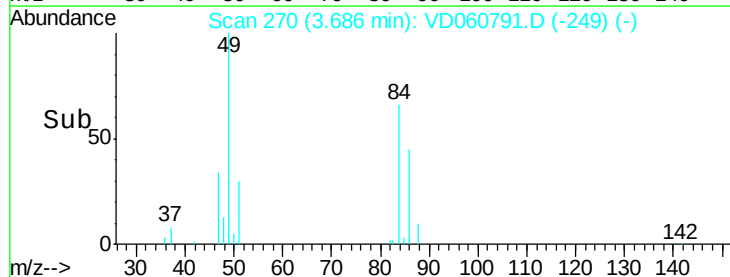
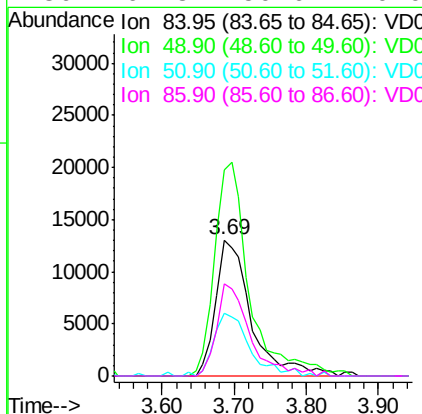
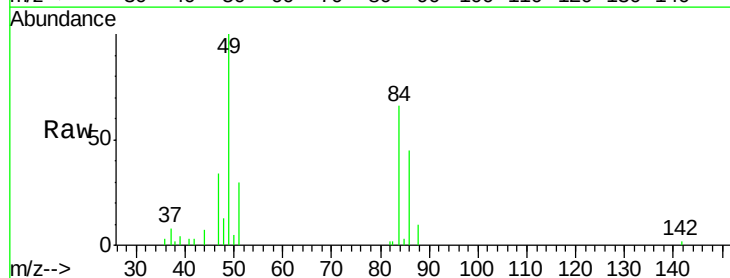
Instrument :
MSVOA_D
ClientSampleId :

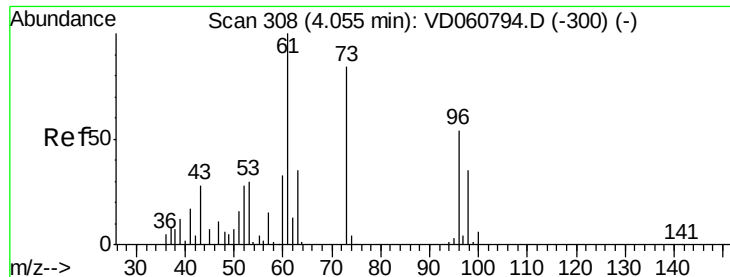
Tgt Ion: 73 Resp: 68765
Ion Ratio Lower Upper
73 100
57 18.7 14.0 21.0



#20
Methylene Chloride
Concen: 6.742 ug/l
RT: 3.69 min Scan# 270
Delta R.T. 0.01 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Tgt Ion: 84 Resp: 44194
Ion Ratio Lower Upper
84 100
49 151.2 124.2 186.2
51 46.1 38.1 57.1
86 67.8 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 5.129 ug/l

RT: 4.07 min Scan# 309

Delta R.T. 0.02 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

Instrument :

MSVOA_D

ClientSampleId :

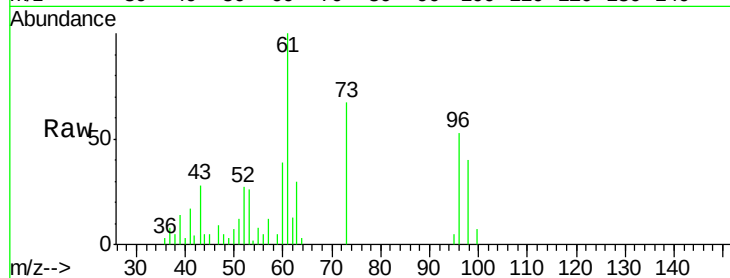
Tgt Ion: 96 Resp: 27660

Ion Ratio Lower Upper

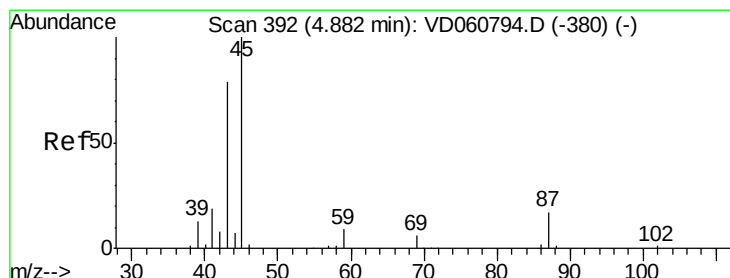
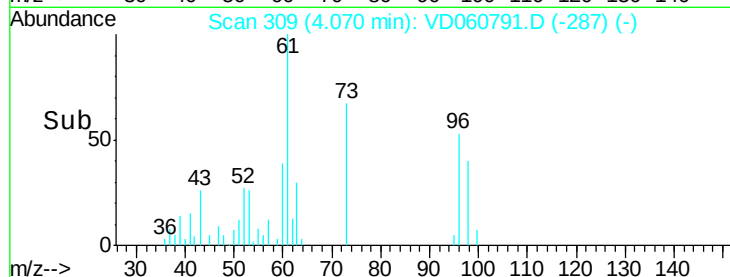
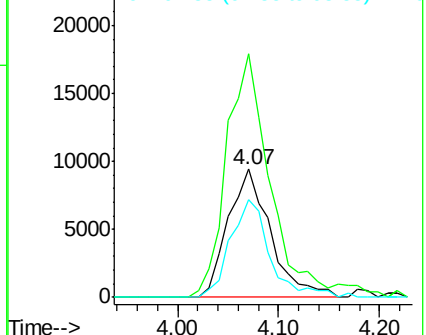
96 100

61 189.7 147.4 221.2

98 75.9 51.5 77.3



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: 5.319 ug/l

RT: 4.90 min Scan# 393

Delta R.T. 0.02 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

Tgt Ion: 45 Resp: 97578

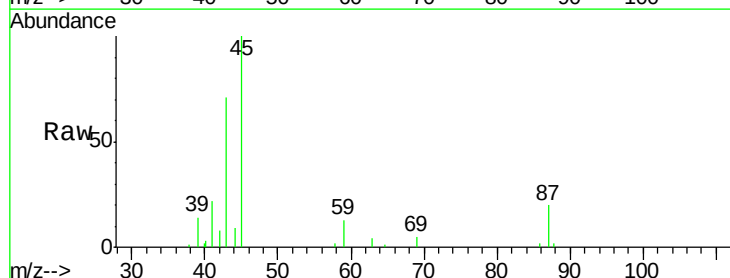
Ion Ratio Lower Upper

45 100

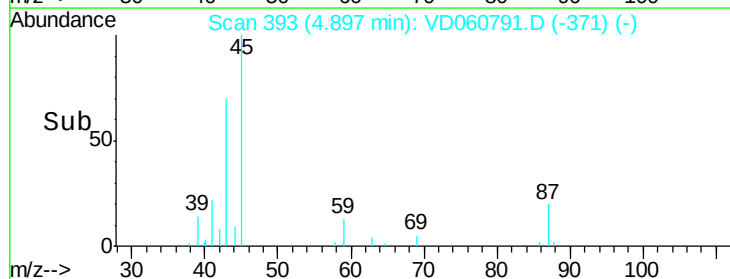
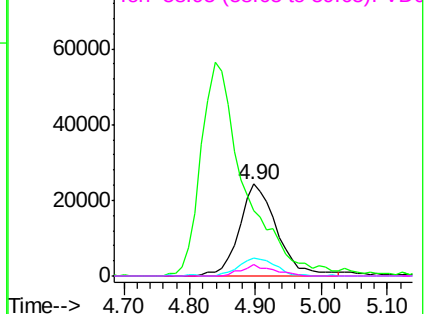
43 71.3 64.3 96.5

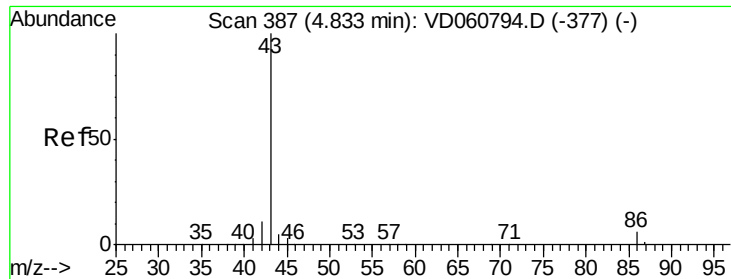
87 20.2 14.3 21.5

59 12.5 7.8 11.8#



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





#23

Vinyl Acetate

Concen: 24.260 ug/l

RT: 4.84 min Scan# 387

Delta R.T. 0.01 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

Instrument :

MSVOA_D

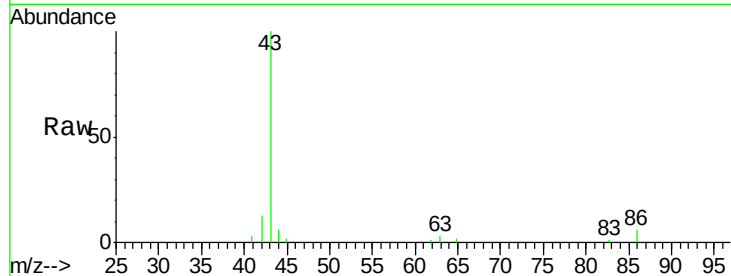
ClientSampled :

Tgt Ion: 43 Resp: 256291

Ion Ratio Lower Upper

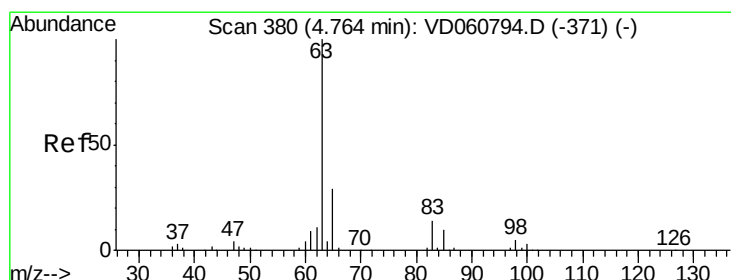
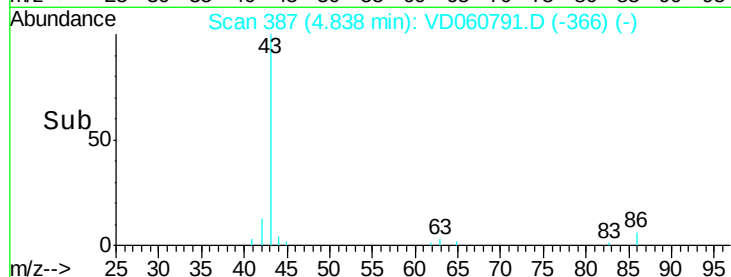
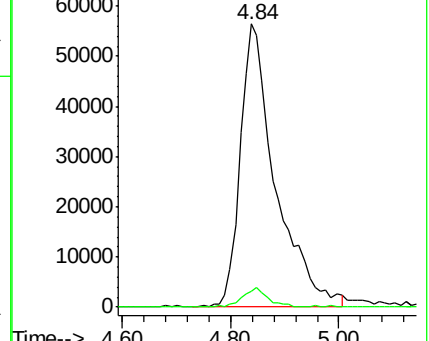
43 100

86 5.7 4.7 7.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 5.316 ug/l

RT: 4.78 min Scan# 381

Delta R.T. 0.02 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

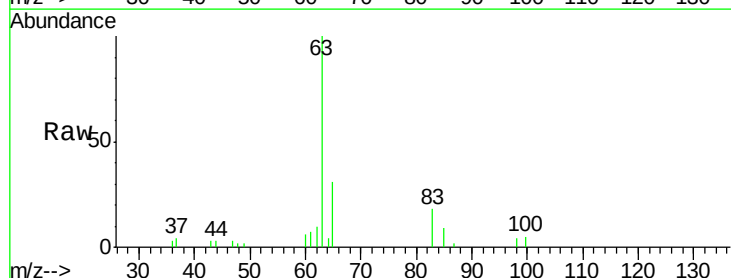
Tgt Ion: 63 Resp: 63841

Ion Ratio Lower Upper

63 100

98 3.9 2.3 6.9

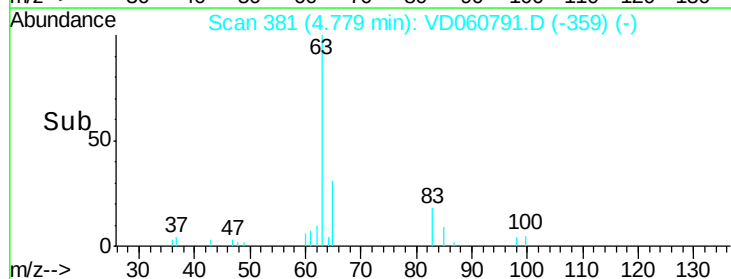
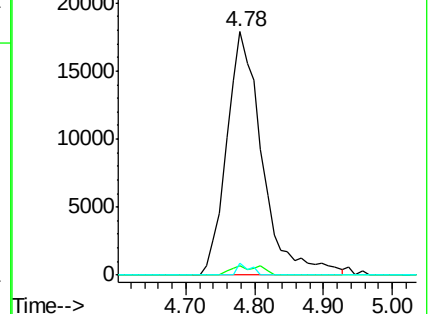
100 4.8 1.3 3.8#

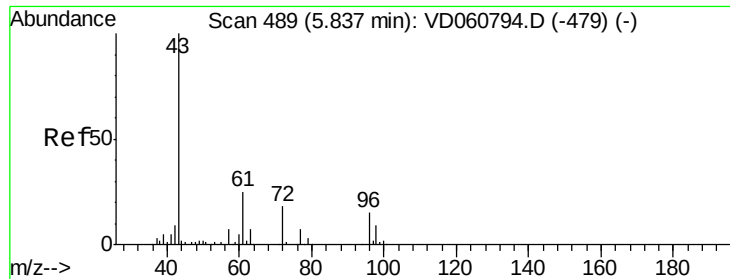


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 24.040 ug/l

RT: 5.85 min Scan# 490

Delta R.T. 0.02 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

Instrument :

MSVOA_D

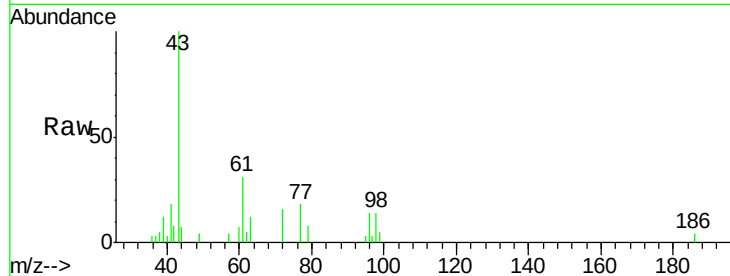
ClientSampleId :

Tgt Ion: 43 Resp: 39569

Ion Ratio Lower Upper

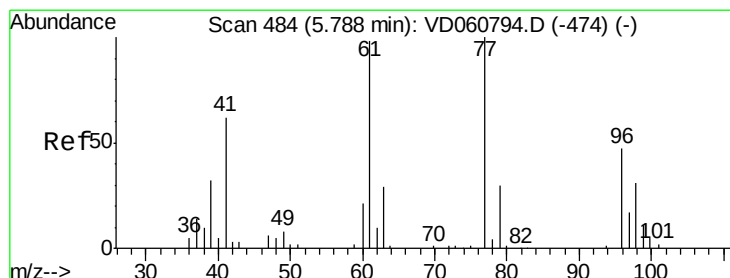
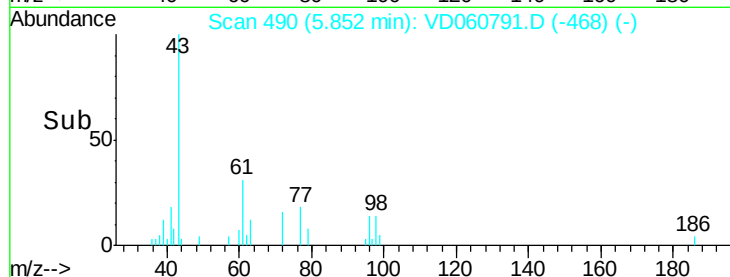
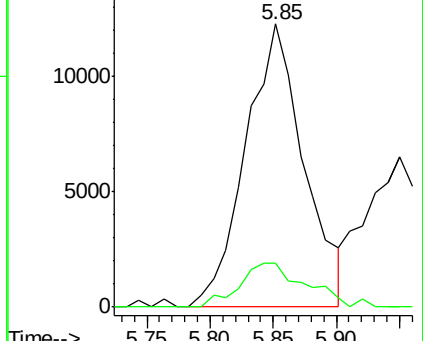
43 100

72 15.7 14.4 21.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 5.904 ug/l

RT: 5.80 min Scan# 485

Delta R.T. 0.02 min

Lab File: VD060791.D

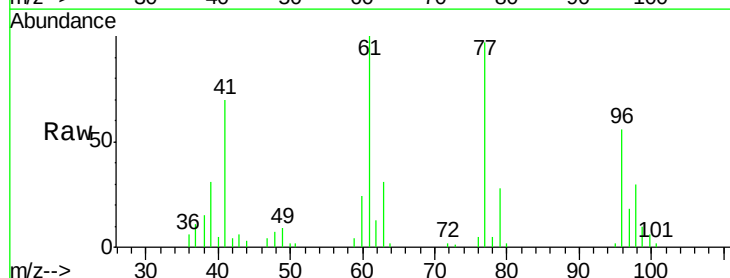
Acq: 28 Jan 2019 15:13

Tgt Ion: 77 Resp: 74710

Ion Ratio Lower Upper

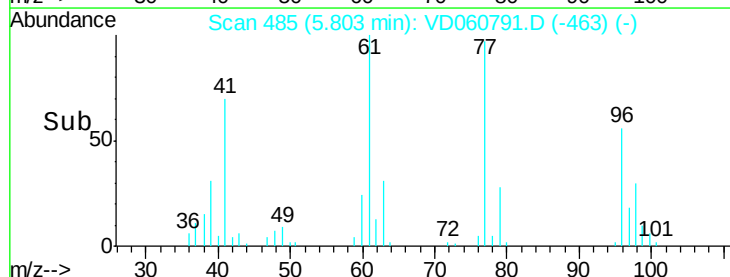
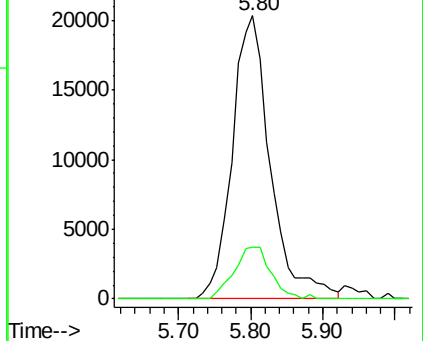
77 100

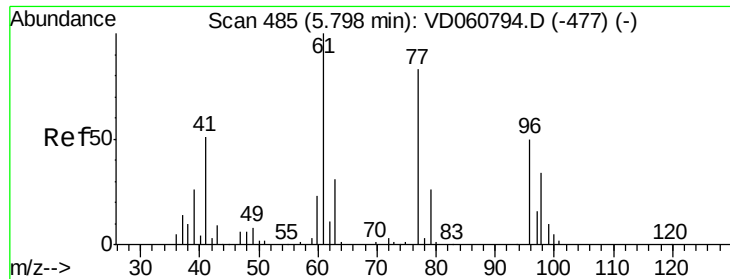
97 18.1 8.3 24.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



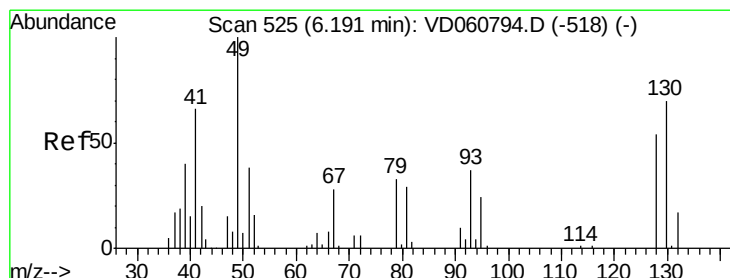
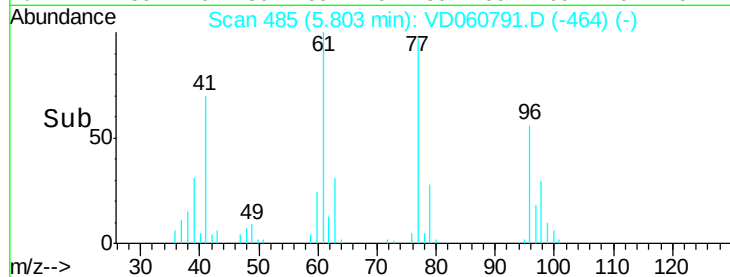
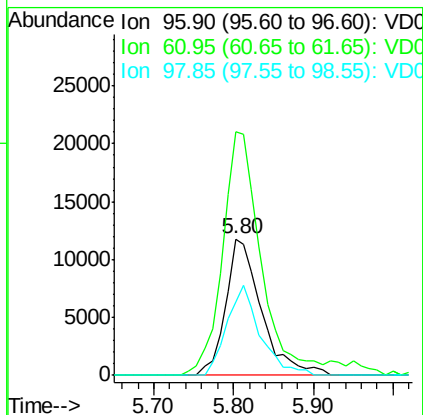
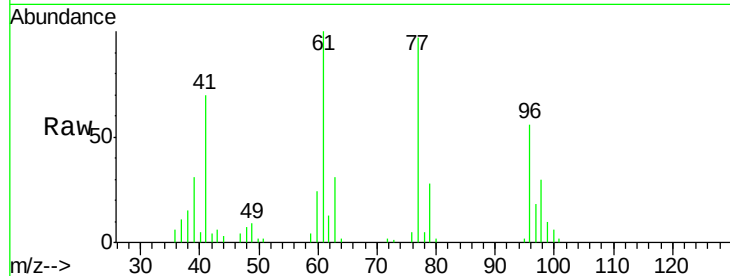


#27

cis-1,2-Dichloroethene
Concen: 6.020 ug/l
RT: 5.80 min Scan# 485
Delta R.T. 0.01 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Instrument :
MSVOA_D
ClientSampled :

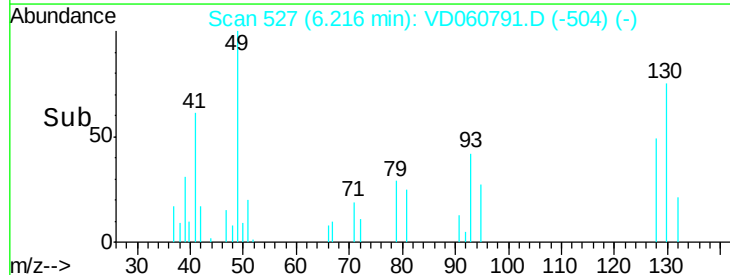
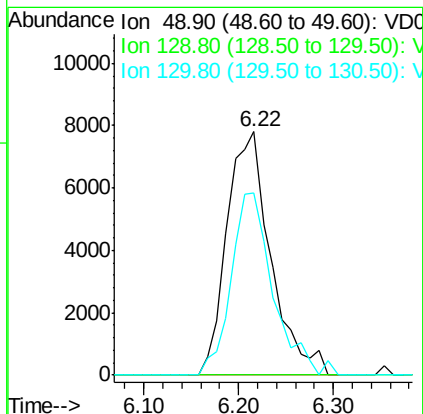
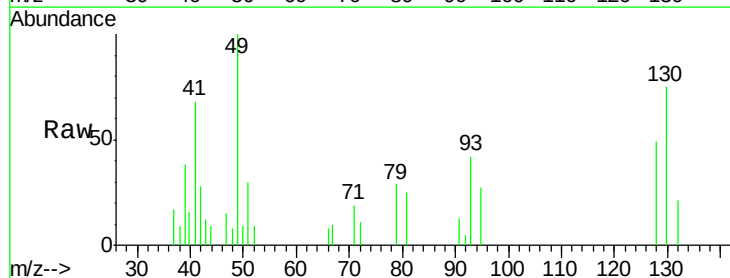
Tgt Ion: 96 Resp: 36976
Ion Ratio Lower Upper
96 100
61 178.1 0.0 400.0
98 54.0 0.0 136.4

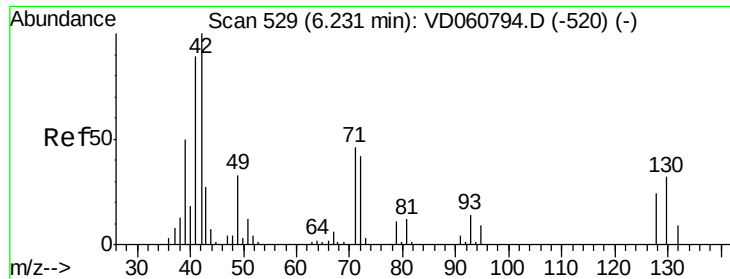


#28

Bromochloromethane
Concen: 5.354 ug/l
RT: 6.22 min Scan# 527
Delta R.T. 0.03 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Tgt Ion: 49 Resp: 25084
Ion Ratio Lower Upper
49 100
129 0.0 0.0 0.0
130 74.7 56.1 84.1

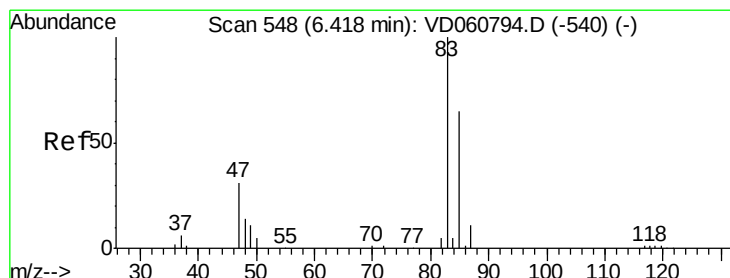
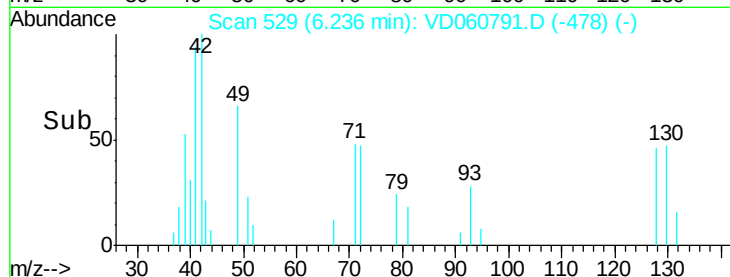
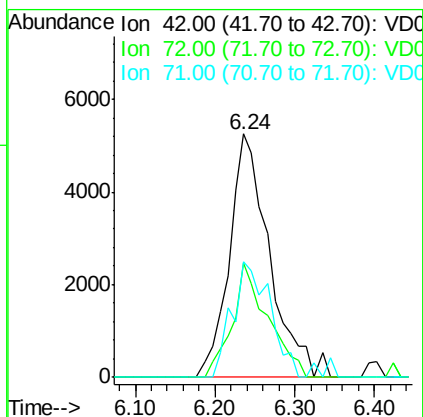
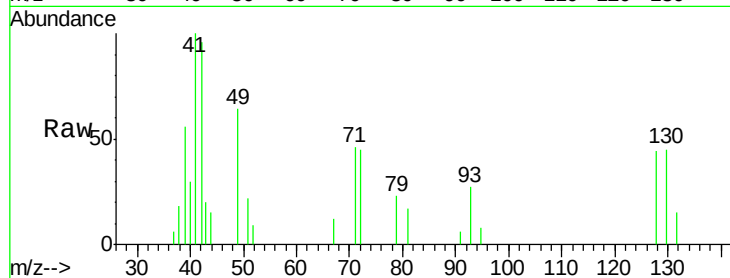




#29
Tetrahydrofuran
Concen: 23.257 ug/l
RT: 6.24 min Scan# 529
Delta R.T. 0.01 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

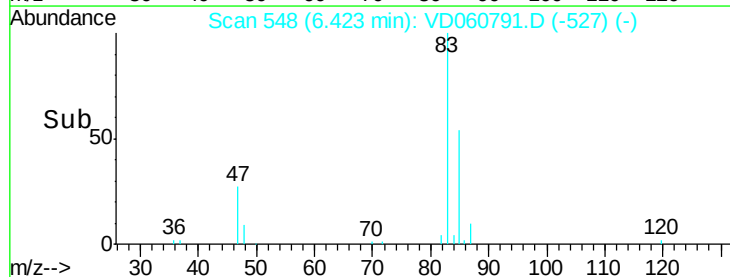
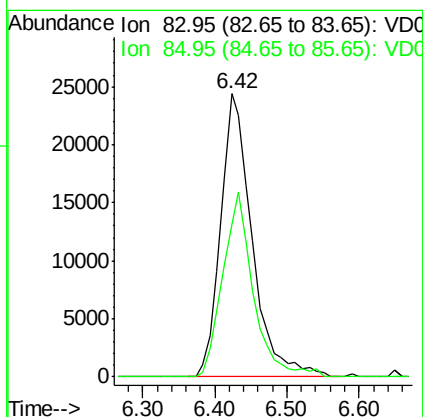
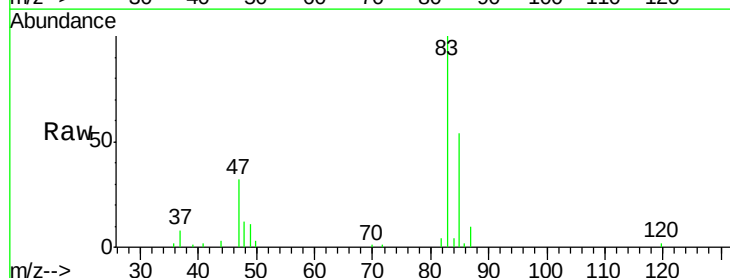
Instrument :
MSVOA_D
ClientSampled :

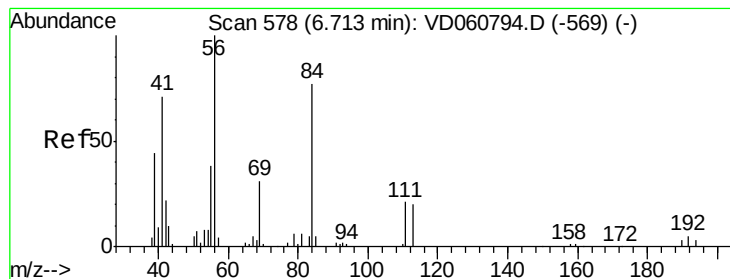
Tgt Ion: 42 Resp: 18383
Ion Ratio Lower Upper
42 100
72 41.9 32.8 49.2
71 44.6 34.6 52.0



#30
Chloroform
Concen: 5.179 ug/l
RT: 6.42 min Scan# 548
Delta R.T. 0.01 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Tgt Ion: 83 Resp: 73511
Ion Ratio Lower Upper
83 100
85 54.0 52.3 78.5





#31

Cyclohexane

Concen: 5.541 ug/l

RT: 6.72 min Scan# 578

Delta R.T. 0.01 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

Instrument :
MSVOA_D
ClientSampleId :

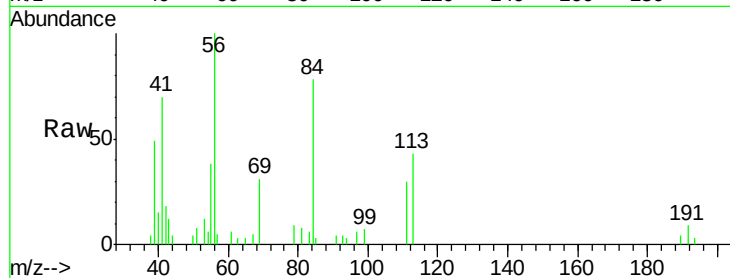
Tgt Ion: 56 Resp: 45278

Ion Ratio Lower Upper

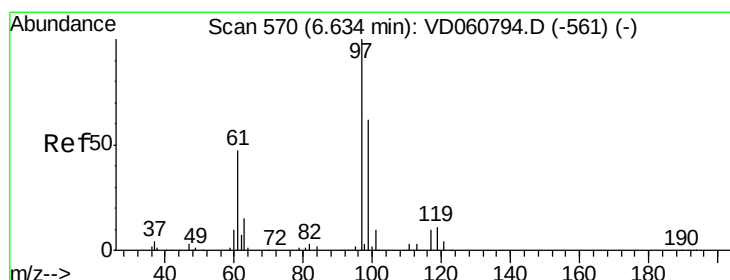
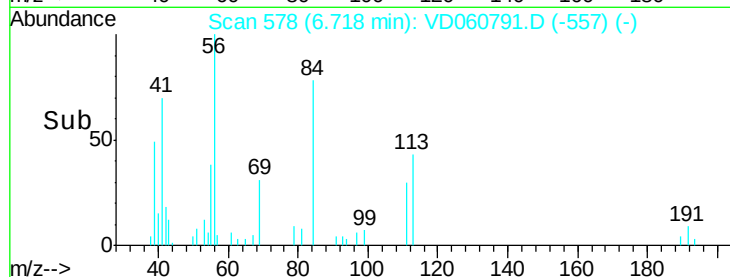
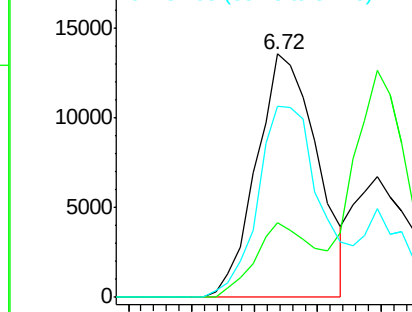
56 100

69 30.9 25.1 37.7

84 78.3 63.9 95.9



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



#32

1,1,1-Trichloroethane

Concen: 5.512 ug/l

RT: 6.64 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

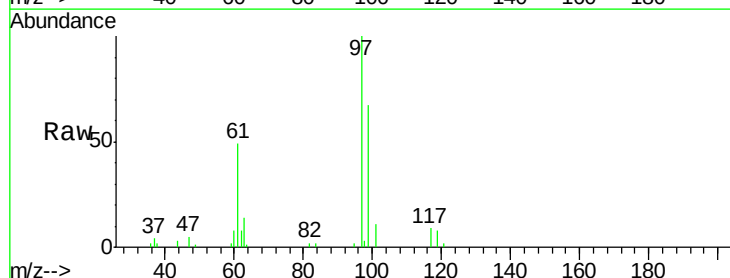
Tgt Ion: 97 Resp: 75352

Ion Ratio Lower Upper

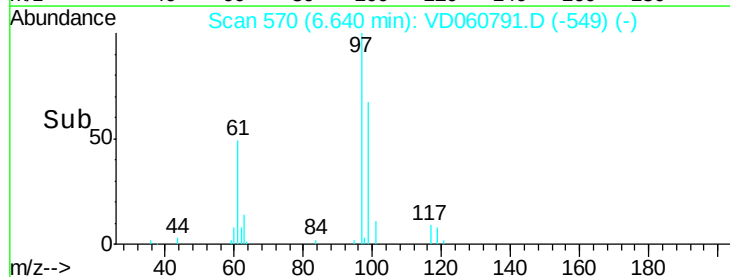
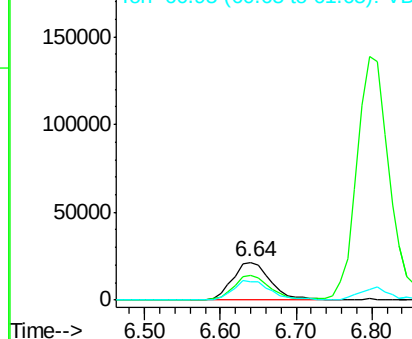
97 100

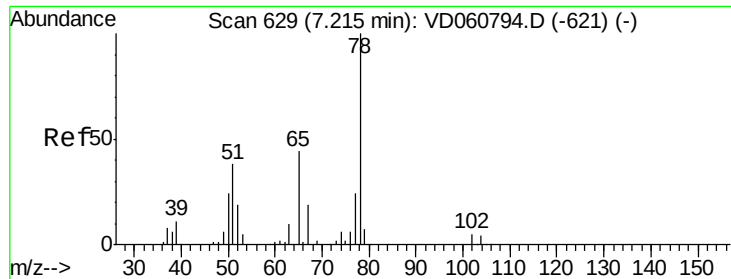
99 66.6 49.6 74.4

61 48.8 37.4 56.2



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

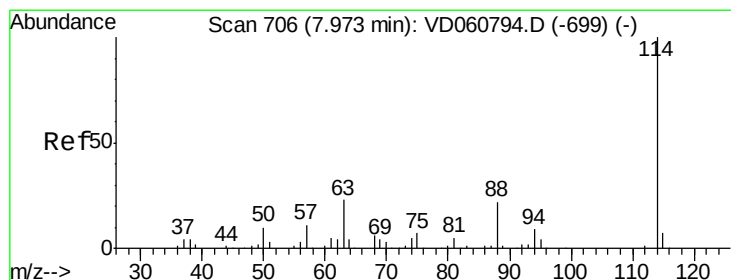
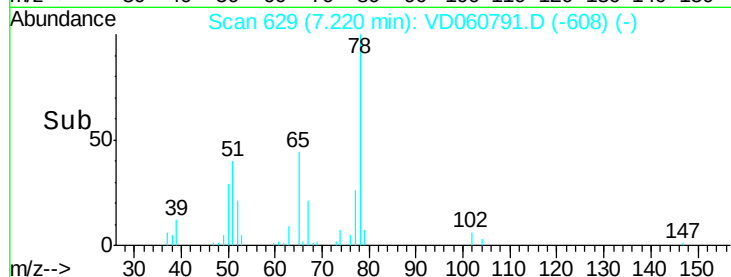
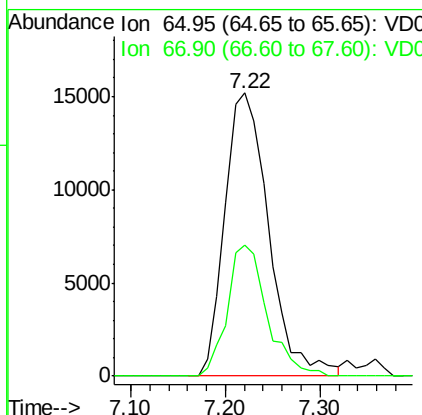
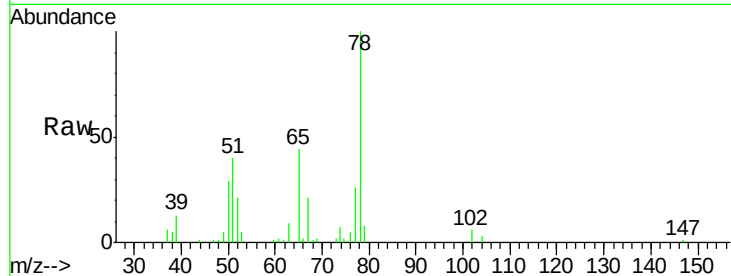




#33
 1,2-Dichloroethane-d4
 Concen: 5.512 ug/l
 RT: 7.22 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: VD060791.D
 Acq: 28 Jan 2019 15:13

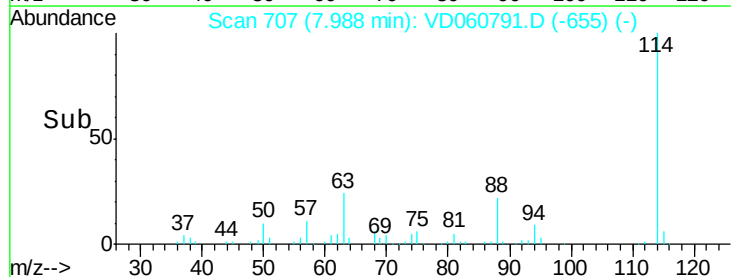
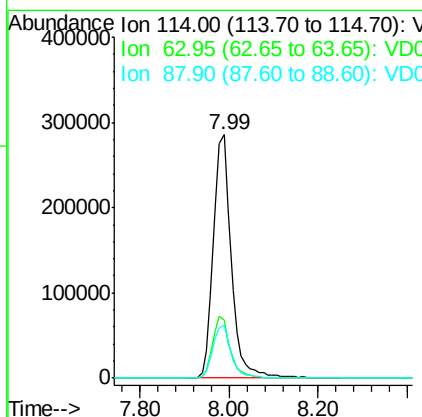
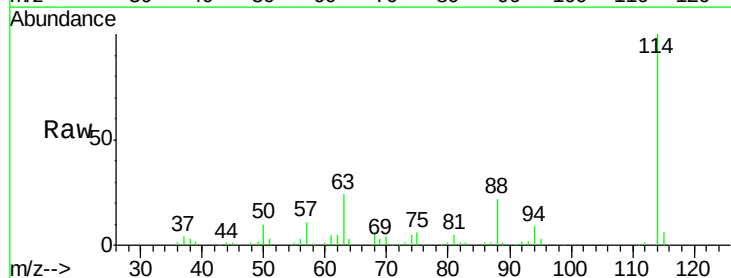
Instrument :
 MSVOA_D
 ClientSampleId :

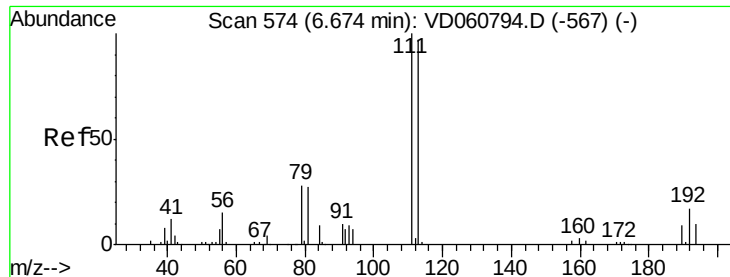
Tgt Ion: 65 Resp: 48799
 Ion Ratio Lower Upper
 65 100
 67 46.3 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.99 min Scan# 707
 Delta R.T. 0.02 min
 Lab File: VD060791.D
 Acq: 28 Jan 2019 15:13

Tgt Ion: 114 Resp: 799735
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 46.6
 88 21.8 0.0 44.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.69 min Scan# 575

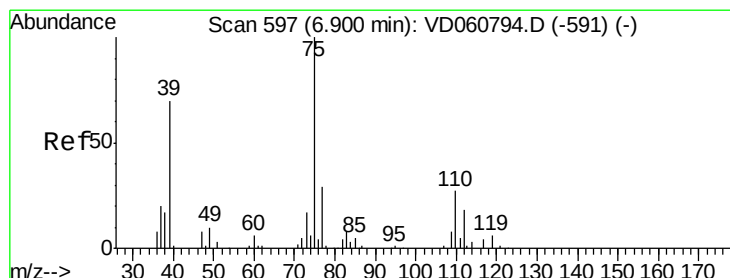
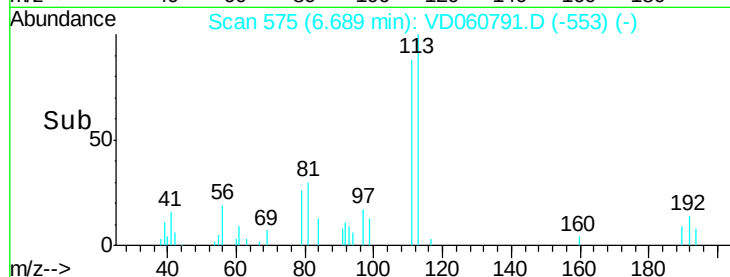
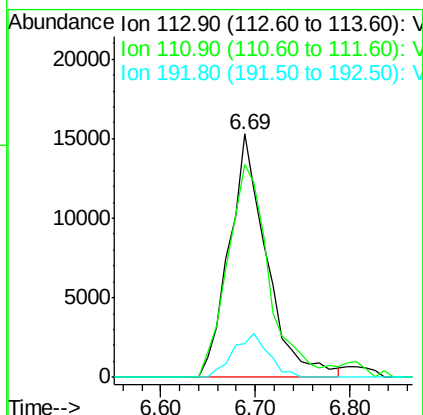
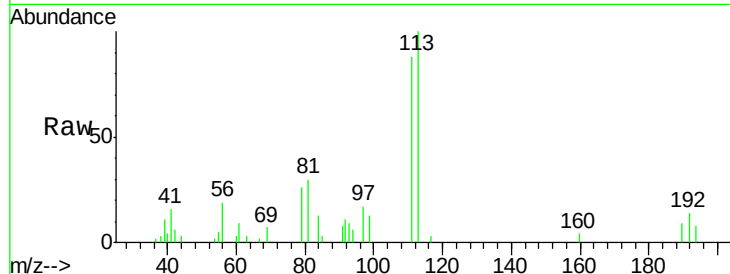
Delta R.T. 0.02 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 113 Resp: 42123
Ion Ratio Lower Upper
113 100
111 87.5 82.3 123.5
192 14.0 14.4 21.6#



#36

1,1-Dichloropropene

Concen: 5.787 ug/l

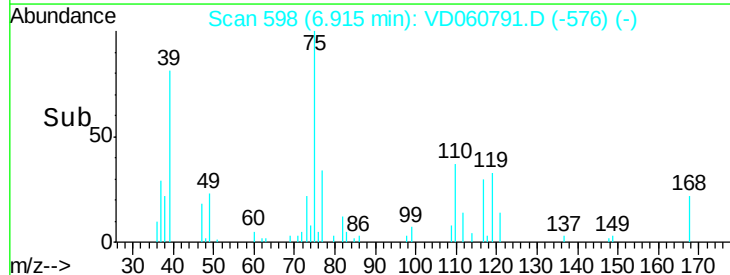
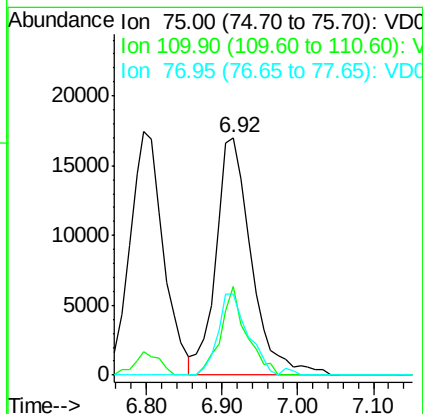
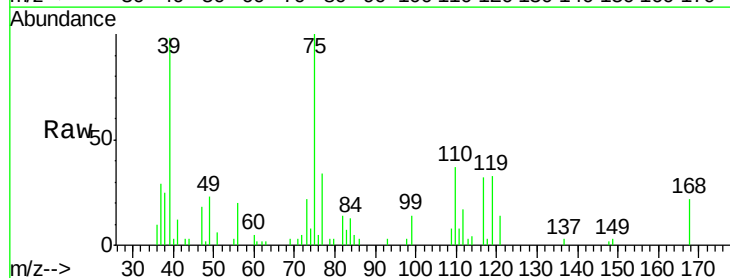
RT: 6.92 min Scan# 598

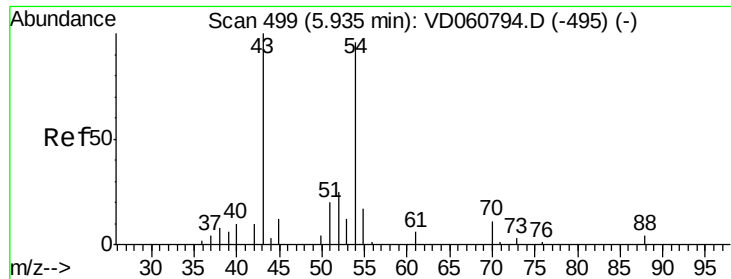
Delta R.T. 0.02 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

Tgt Ion: 75 Resp: 55259
Ion Ratio Lower Upper
75 100
110 37.2 13.5 40.4
77 33.9 23.4 35.2

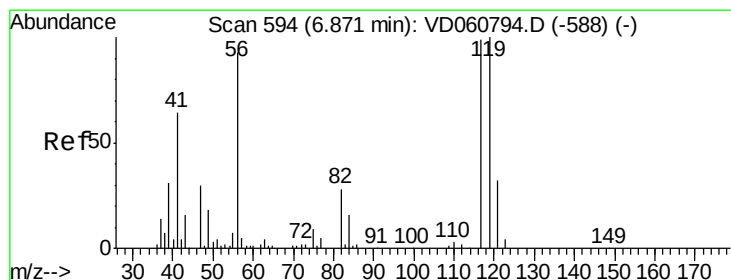
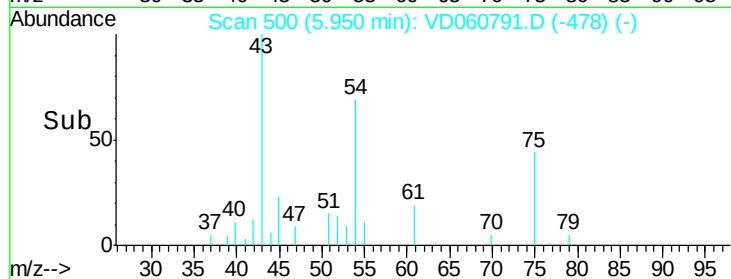
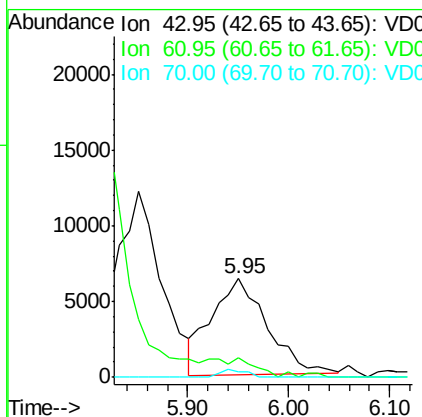
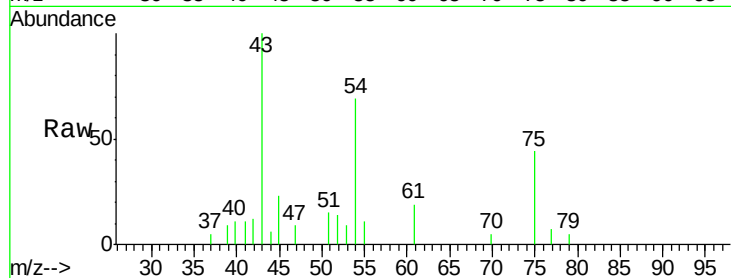




#37
Ethyl Acetate
Concen: 5.712 ug/l
RT: 5.95 min Scan# 500
Delta R.T. 0.02 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

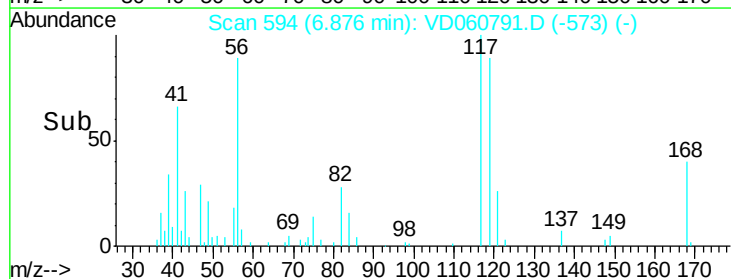
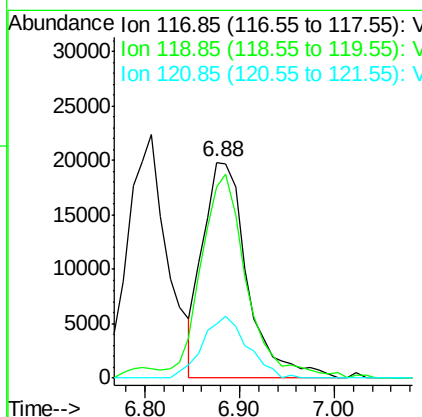
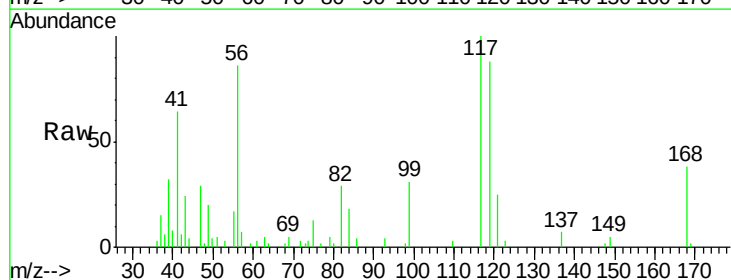
Instrument :
MSVOA_D
ClientSampled :

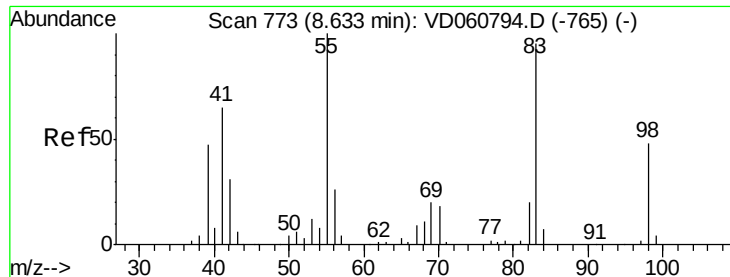
Tgt Ion: 43 Resp: 24348
Ion Ratio Lower Upper
43 100
61 19.3 12.3 18.5#
70 5.3 7.4 11.0#



#38
Carbon Tetrachloride
Concen: 5.397 ug/l
RT: 6.88 min Scan# 594
Delta R.T. 0.01 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Tgt Ion: 117 Resp: 64624
Ion Ratio Lower Upper
117 100
119 88.5 75.6 113.4
121 24.9 23.4 35.2

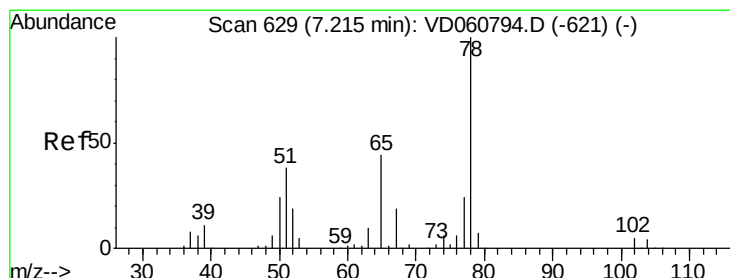
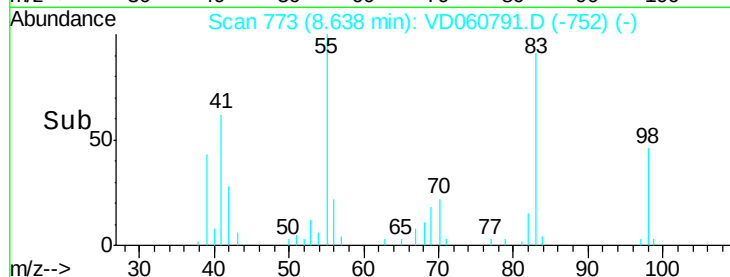
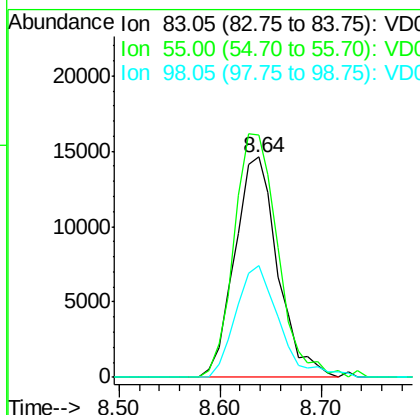
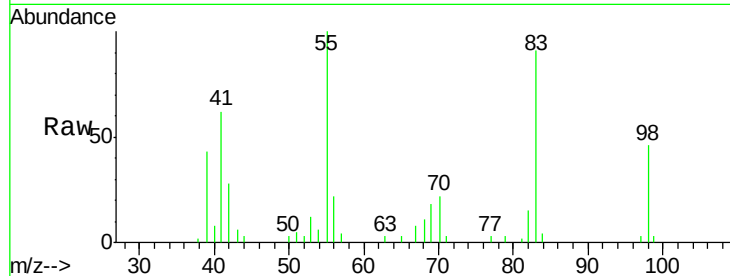




#39
Methylcyclohexane
Concen: 5.425 ug/l
RT: 8.64 min Scan# 773
Delta R.T. 0.01 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

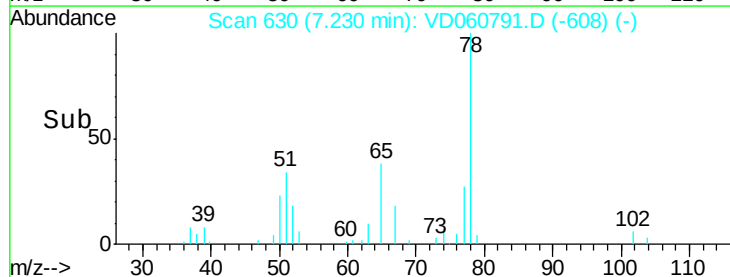
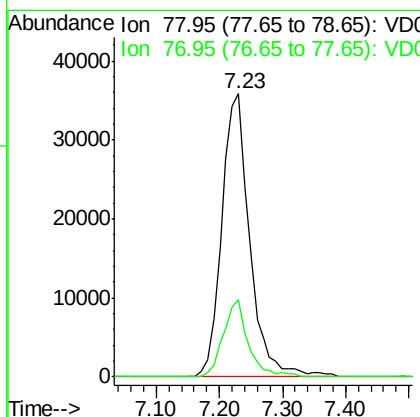
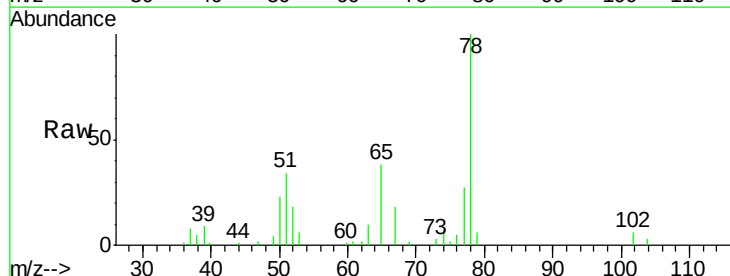
Instrument :
MSVOA_D
ClientSampleId :

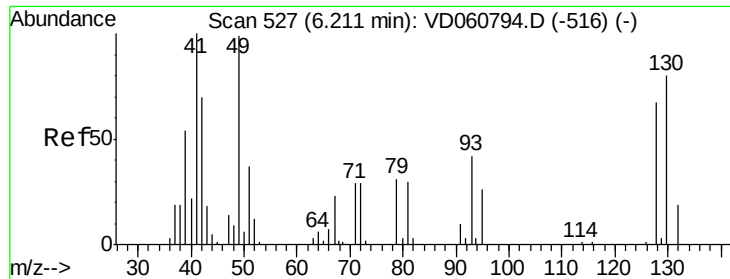
Tgt Ion: 83 Resp: 43381
Ion Ratio Lower Upper
83 100
55 110.4 83.8 125.8
98 50.6 39.8 59.8



#40
Benzene
Concen: 5.835 ug/l
RT: 7.23 min Scan# 630
Delta R.T. 0.02 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Tgt Ion: 78 Resp: 109973
Ion Ratio Lower Upper
78 100
77 27.2 18.9 28.3

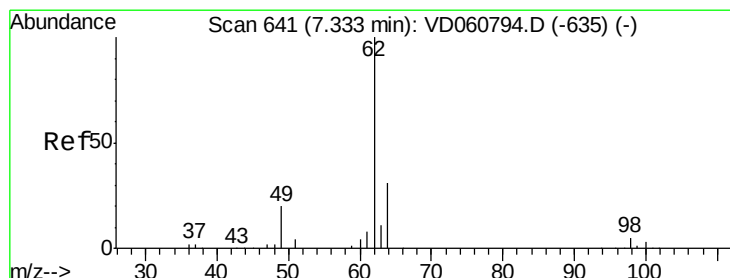
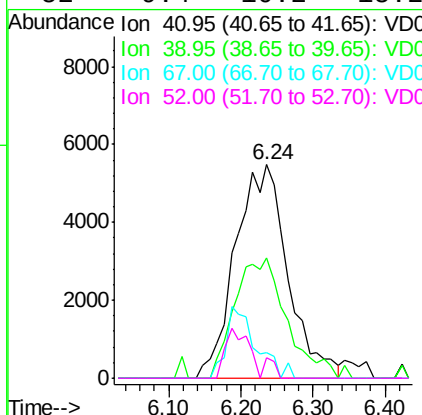
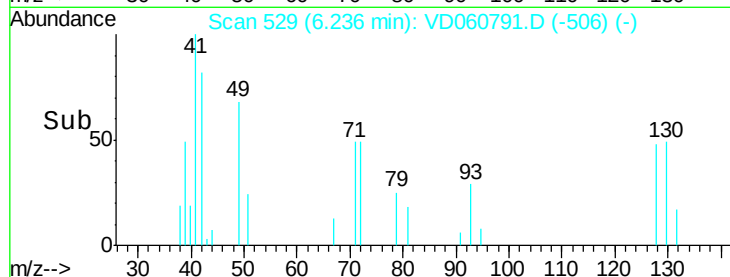
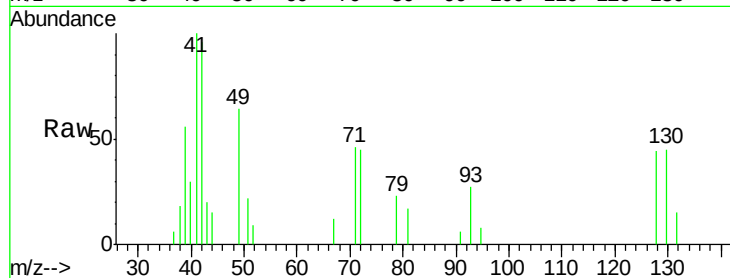




#41
Methacrylonitrile
Concen: 9.884 ug/l
RT: 6.24 min Scan# 529
Delta R.T. 0.03 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

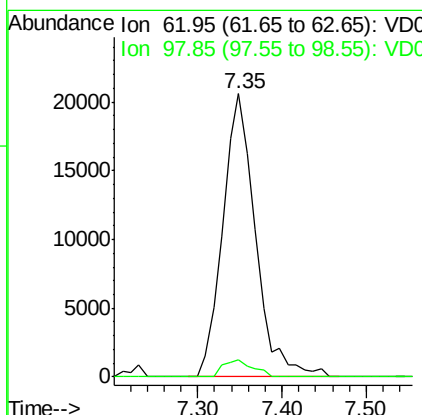
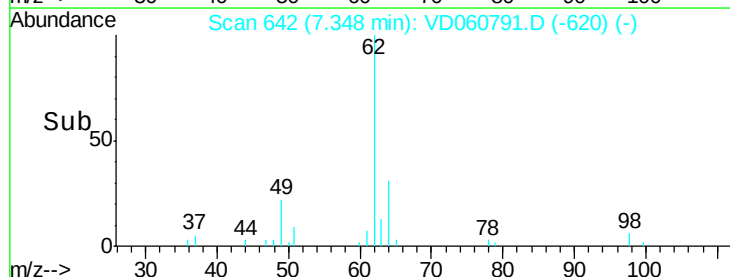
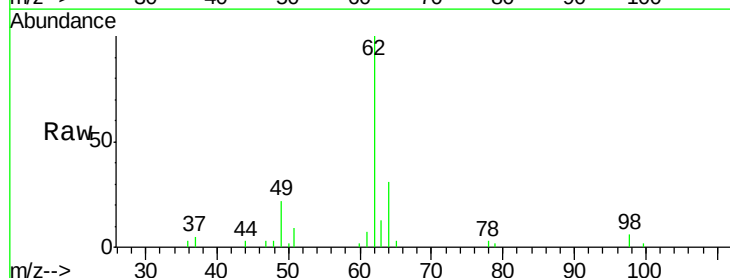
Instrument :
MSVOA_D
ClientSampled :

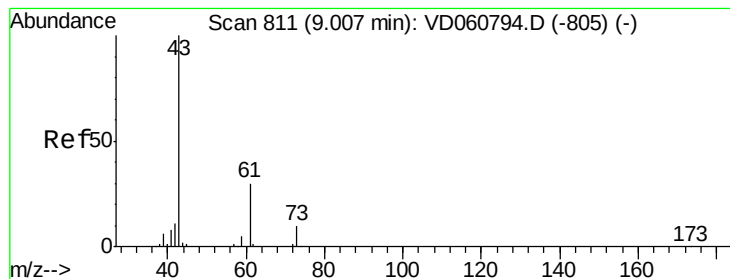
Tgt Ion: 41 Resp: 27705
Ion Ratio Lower Upper
41 100
39 56.5 43.6 65.4
67 11.9 18.5 27.7#
52 9.4 10.2 15.2#



#42
1,2-Dichloroethane
Concen: 5.069 ug/l
RT: 7.35 min Scan# 642
Delta R.T. 0.02 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Tgt Ion: 62 Resp: 55500
Ion Ratio Lower Upper
62 100
98 6.1 0.0 10.2





#43

Isopropyl Acetate

Concen: 5.070 ug/l

RT: 9.01 min Scan# 811

Delta R.T. 0.01 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

Instrument :

MSVOA_D

ClientSampleId :

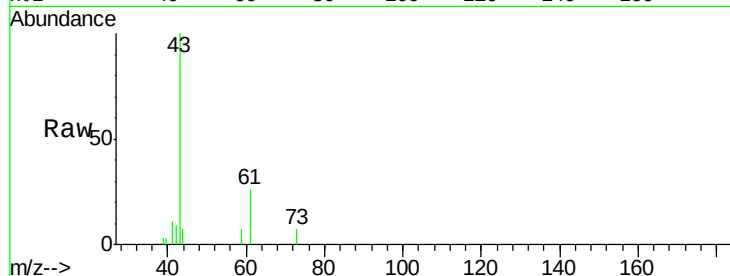
Tgt Ion: 43 Resp: 28187

Ion Ratio Lower Upper

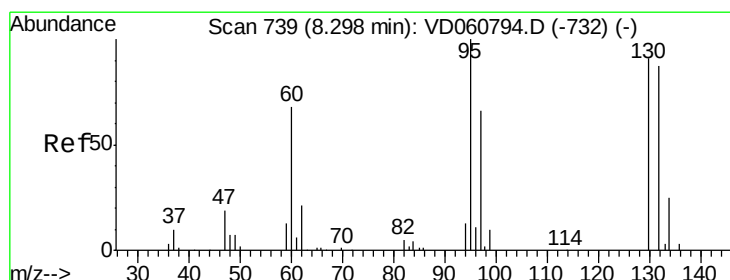
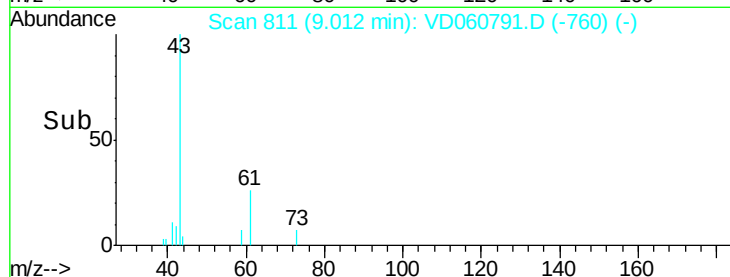
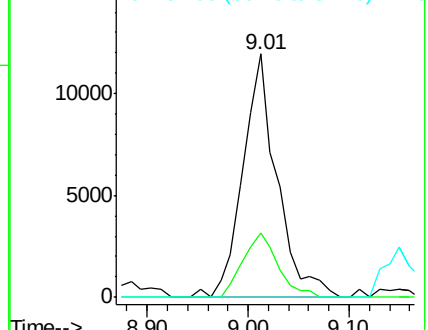
43 100

61 26.5 24.1 36.1

87 0.0 0.0 0.0



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: 5.500 ug/l

RT: 8.30 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD060791.D

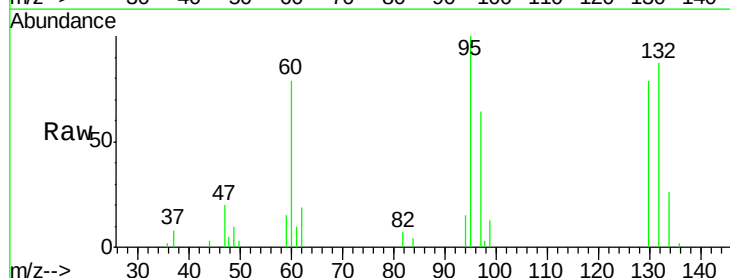
Acq: 28 Jan 2019 15:13

Tgt Ion: 130 Resp: 35135

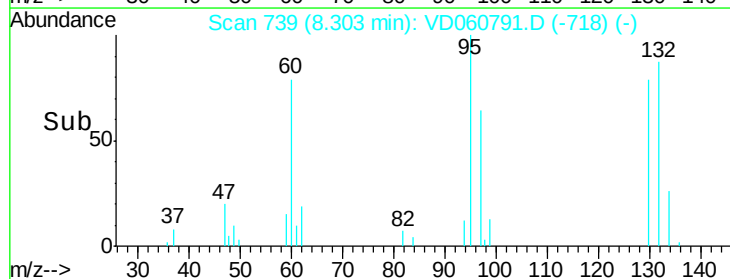
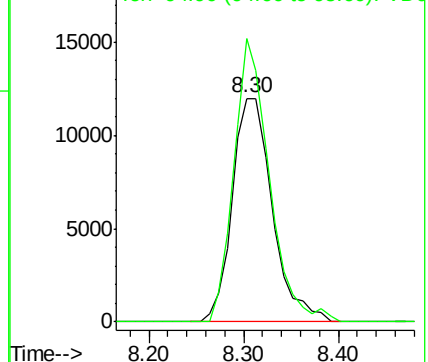
Ion Ratio Lower Upper

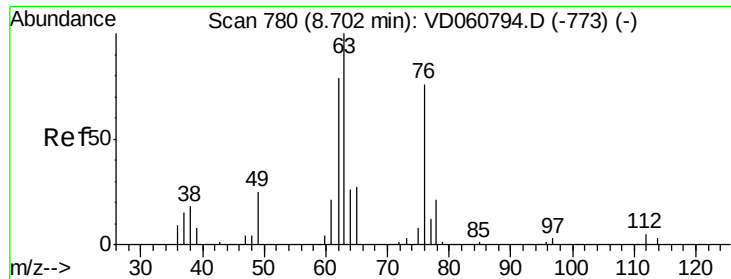
130 100

95 126.5 0.0 221.0



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





#45

1,2-Dichloropropane

Concen: 5.051 ug/l

RT: 8.71 min Scan# 780

Delta R.T. 0.01 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

Instrument :

MSVOA_D

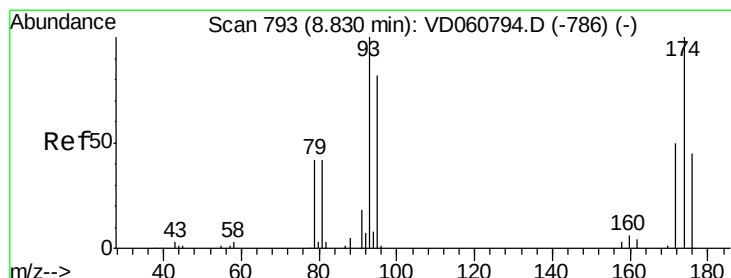
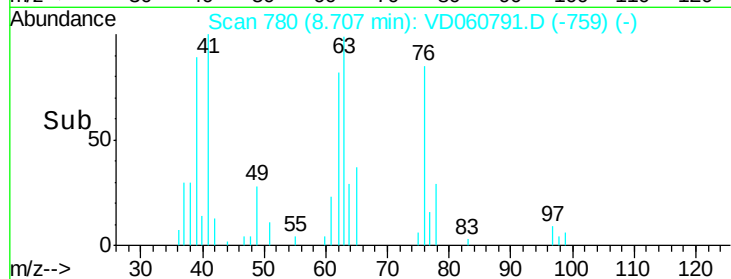
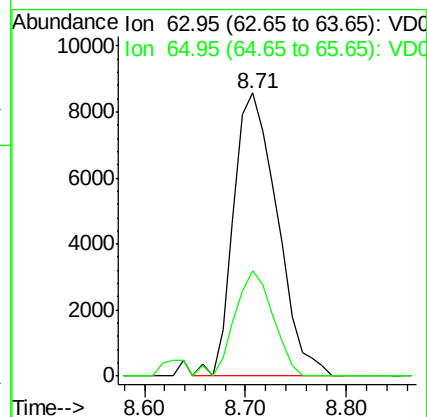
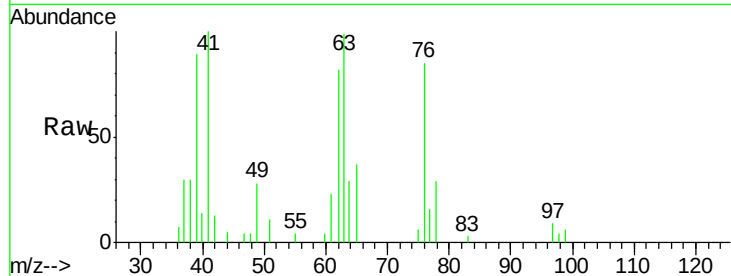
ClientSampleId :

Tgt Ion: 63 Resp: 25767

Ion Ratio Lower Upper

63 100

65 37.4 24.1 36.1#



#46

Dibromomethane

Concen: 4.896 ug/l

RT: 8.83 min Scan# 793

Delta R.T. 0.01 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

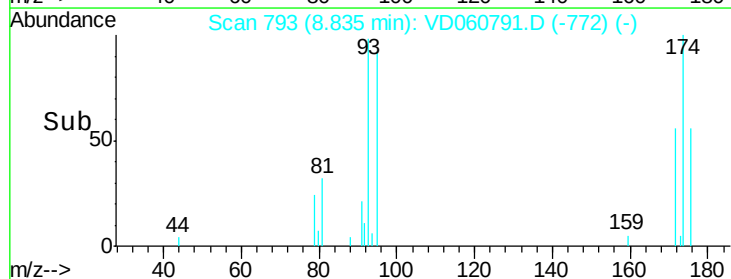
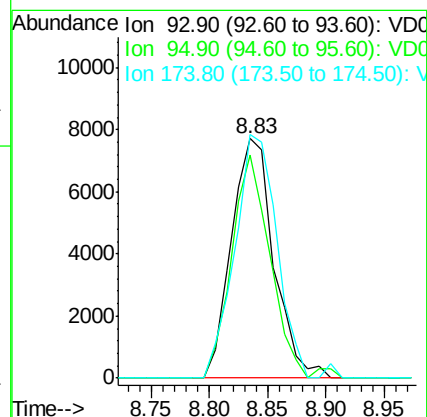
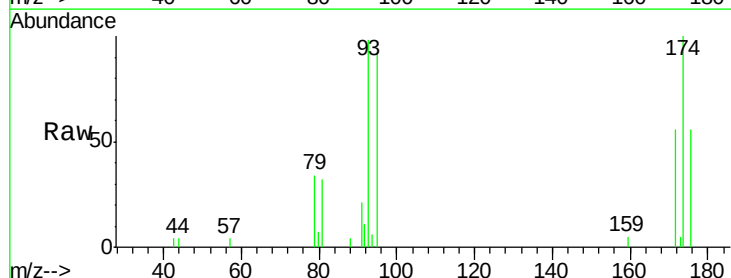
Tgt Ion: 93 Resp: 19388

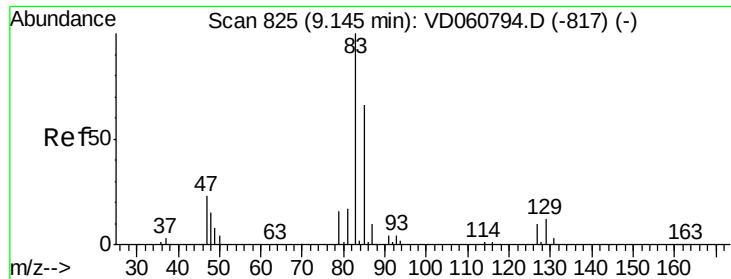
Ion Ratio Lower Upper

93 100

95 93.2 65.8 98.8

174 101.8 79.8 119.6





#47

Bromodichloromethane

Concen: 5.211 ug/l

RT: 9.15 min Scan# 825

Delta R.T. 0.01 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

Instrument :

MSVOA_D

ClientSampleId :

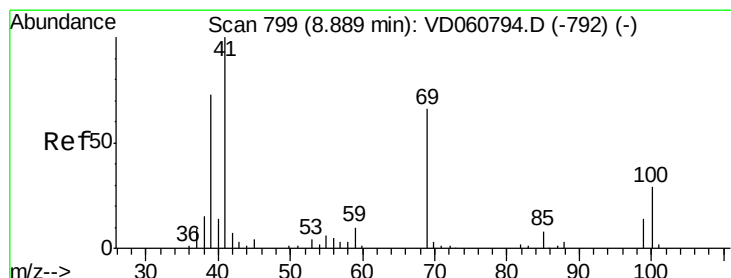
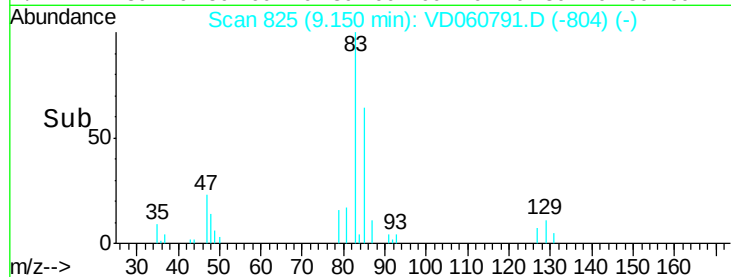
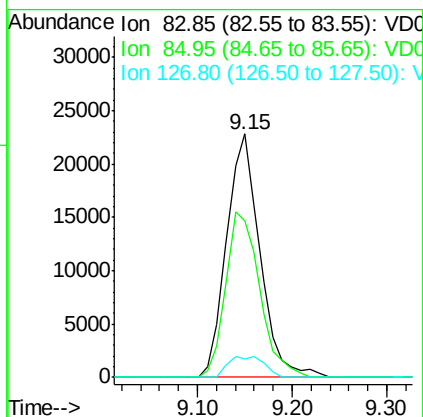
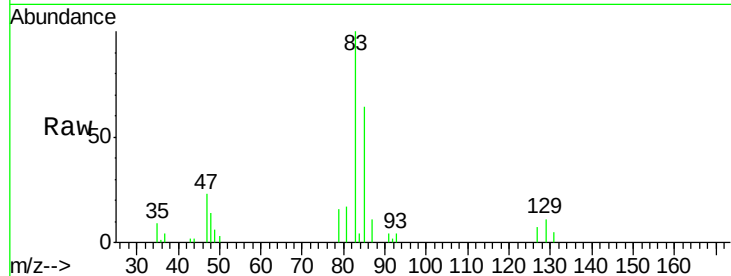
Tgt Ion: 83 Resp: 55702

Ion Ratio Lower Upper

83 100

85 64.1 52.6 79.0

127 7.5 7.7 11.5#



#48

Methyl methacrylate

Concen: 5.556 ug/l

RT: 8.89 min Scan# 799

Delta R.T. 0.01 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

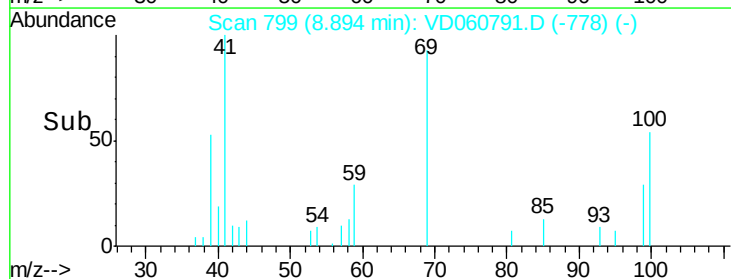
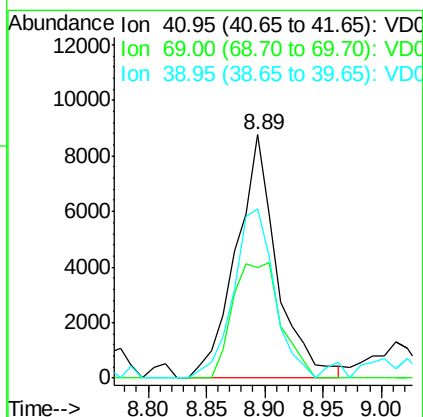
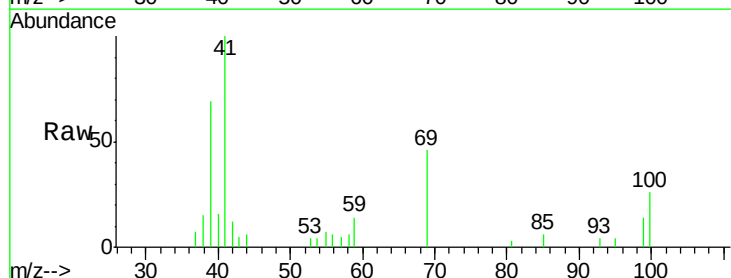
Tgt Ion: 41 Resp: 21299

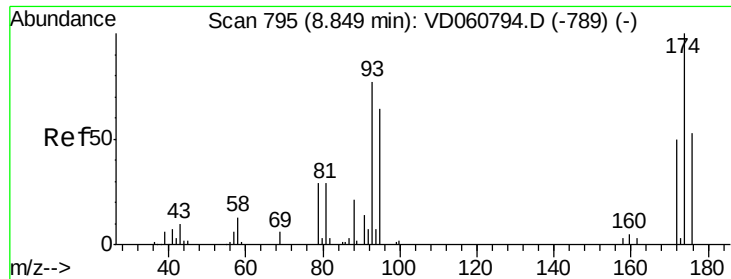
Ion Ratio Lower Upper

41 100

69 45.5 52.5 78.7#

39 69.5 59.0 88.6

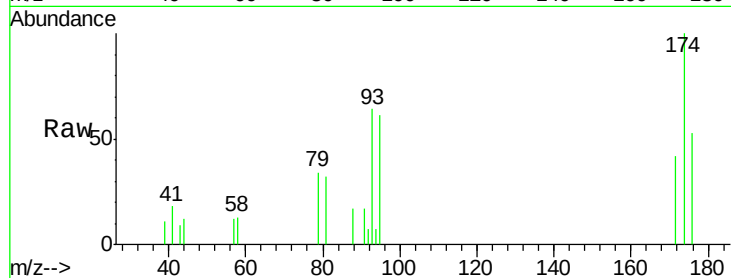




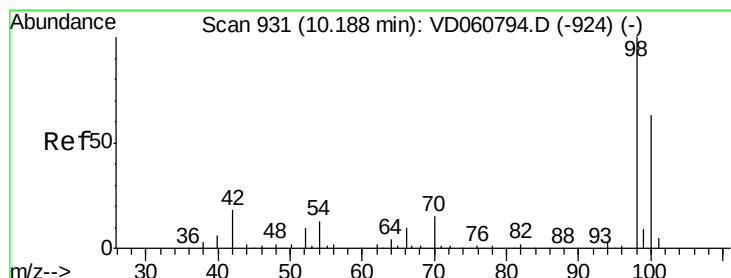
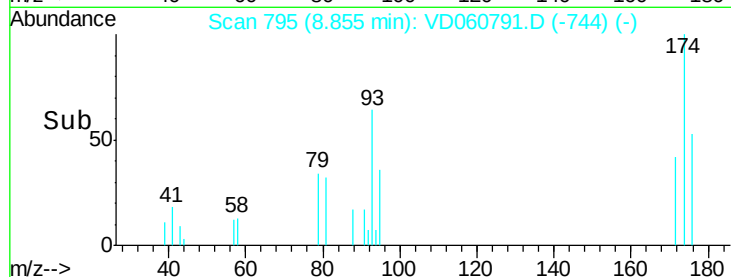
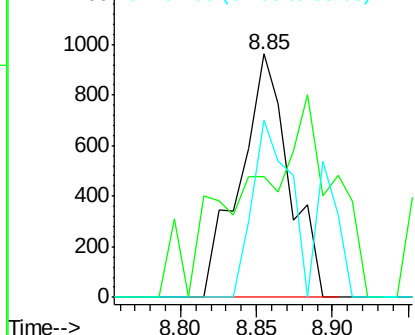
#49
1,4-Dioxane
Concen: 73.008 ug/l
RT: 8.85 min Scan# 795
Delta R.T. 0.01 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 88 Resp: 2170
Ion Ratio Lower Upper
88 100
43 49.6 40.9 61.3
58 72.9 52.2 78.4

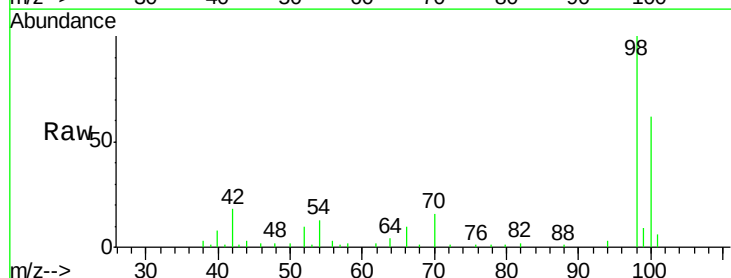


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

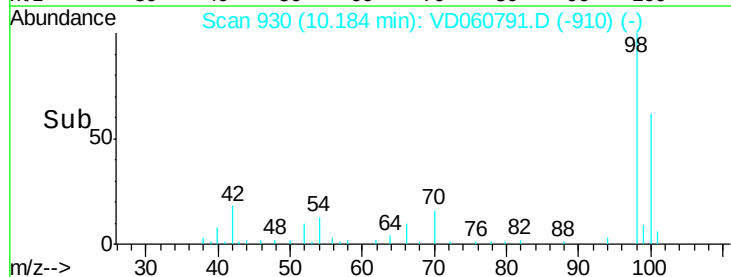
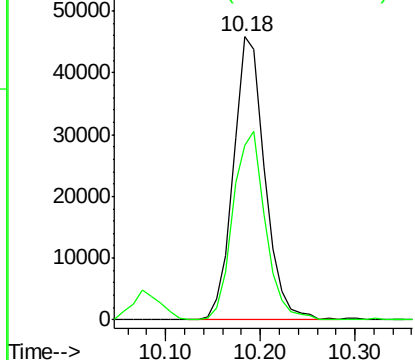


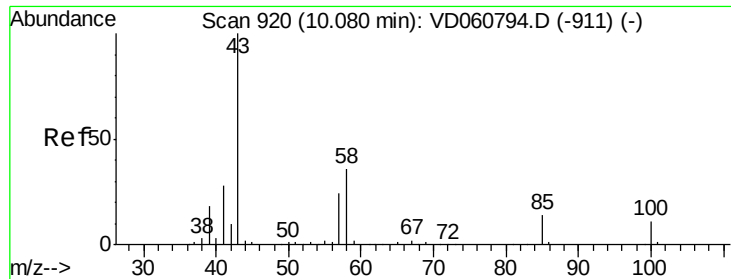
#50
Toluene-d8
Concen: 73.008 ug/l
RT: 10.18 min Scan# 930
Delta R.T. -0.00 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Tgt Ion: 98 Resp: 105176
Ion Ratio Lower Upper
98 100
100 61.9 51.0 76.6



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

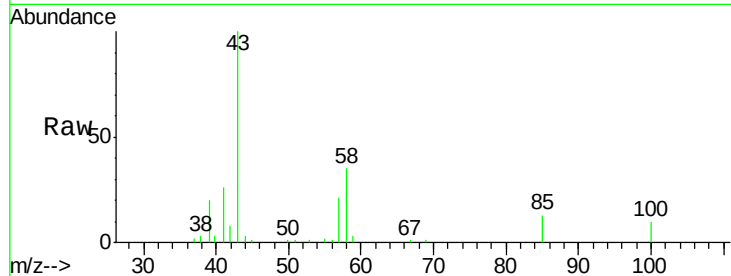




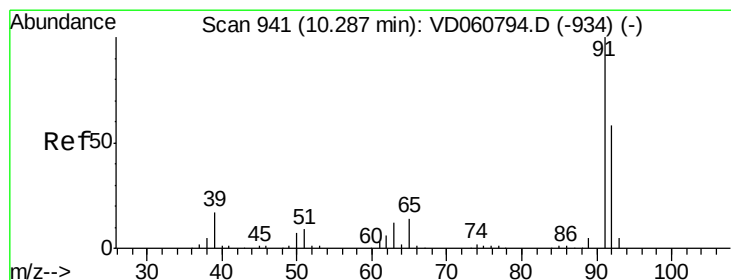
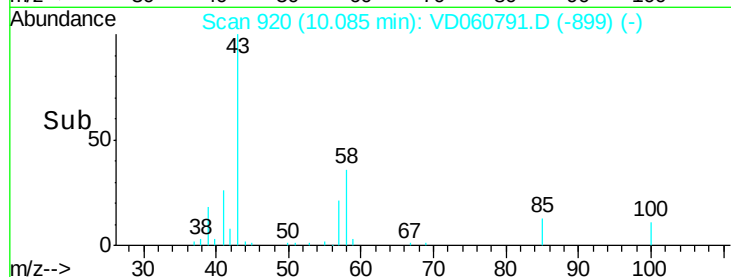
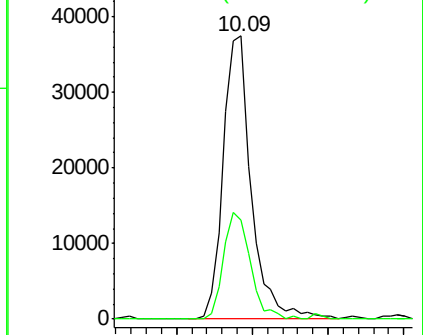
#51
4-Methyl-2-Pentanone
Concen: 26.763 ug/l
RT: 10.09 min Scan# 920
Delta R.T. 0.01 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 96353
Ion Ratio Lower Upper
43 100
58 35.2 28.4 42.6

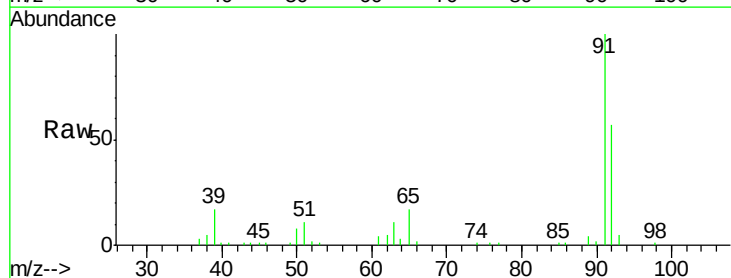


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

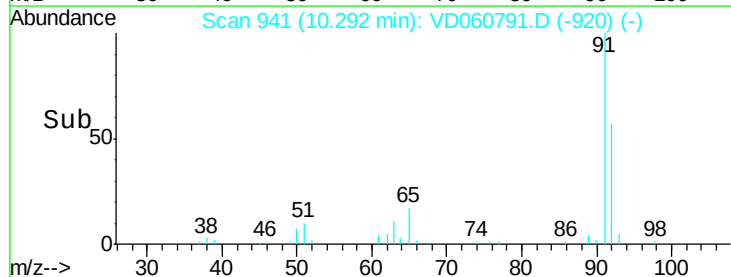
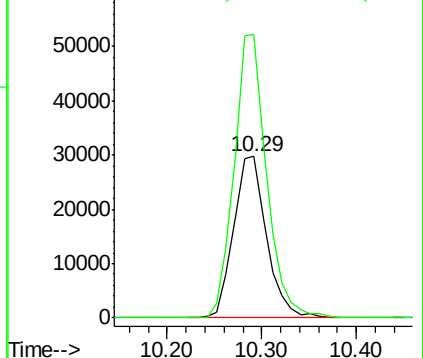


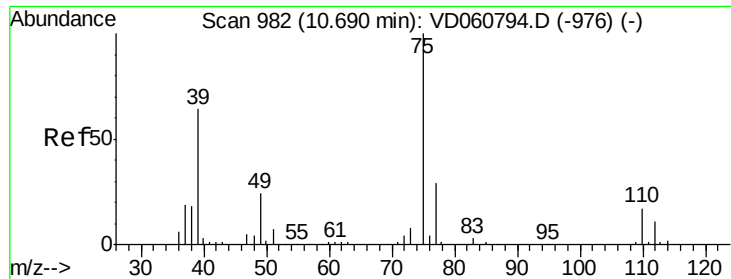
#52
Toluene
Concen: 5.974 ug/l
RT: 10.29 min Scan# 941
Delta R.T. 0.01 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Tgt Ion: 92 Resp: 71415
Ion Ratio Lower Upper
92 100
91 175.1 137.7 206.5



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC

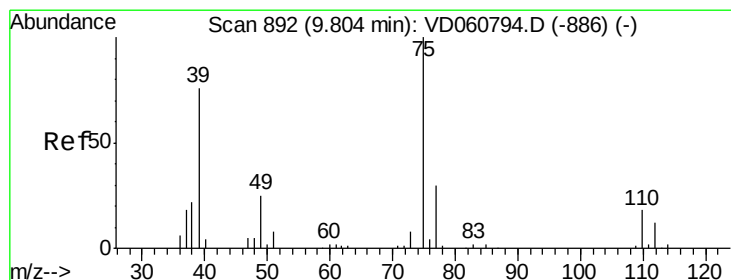
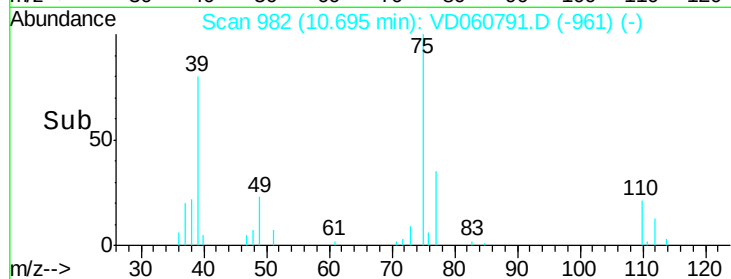
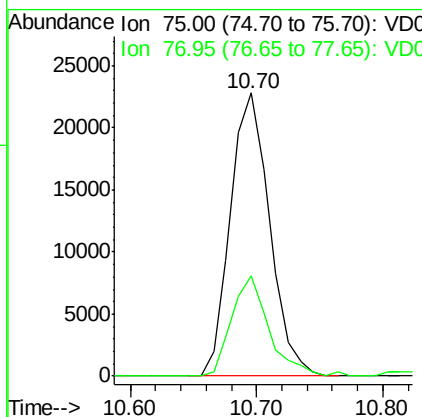
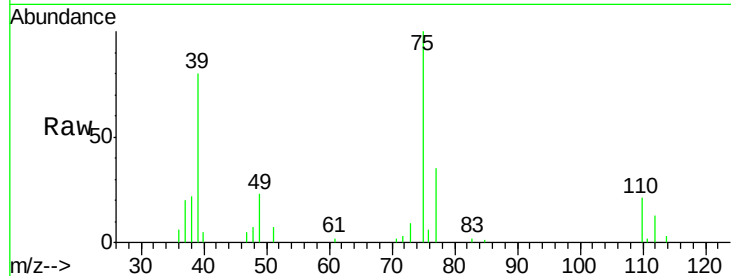




#53
 t-1,3-Dichloropropene
 Concen: 5.222 ug/l
 RT: 10.70 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VD060791.D
 Acq: 28 Jan 2019 15:13

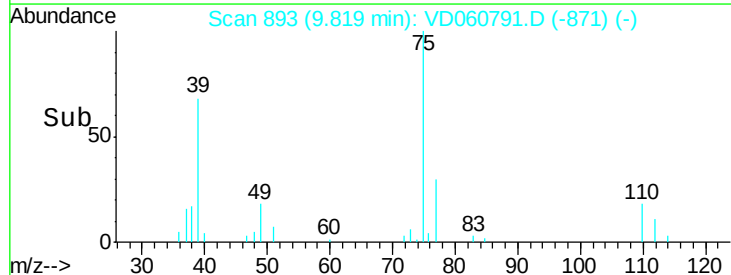
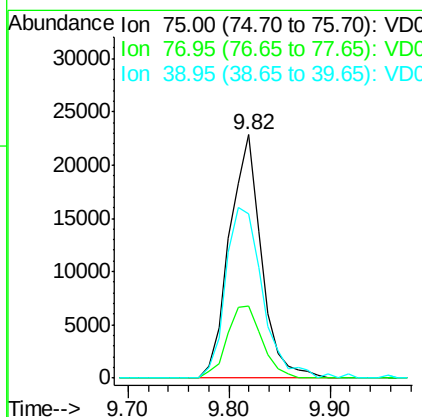
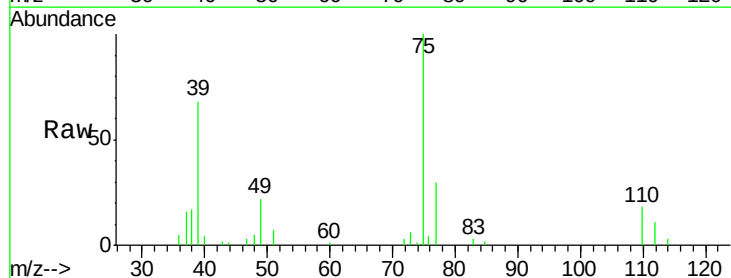
Instrument :
 MSVOA_D
 ClientSampleID :

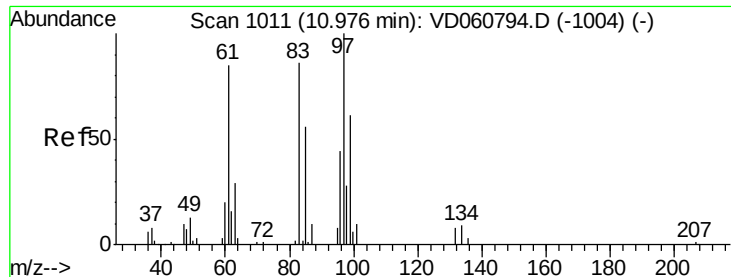
Tgt Ion: 75 Resp: 49100
 Ion Ratio Lower Upper
 75 100
 77 35.4 23.0 34.6#



#54
 cis-1,3-Dichloropropene
 Concen: 5.216 ug/l
 RT: 9.82 min Scan# 893
 Delta R.T. 0.02 min
 Lab File: VD060791.D
 Acq: 28 Jan 2019 15:13

Tgt Ion: 75 Resp: 50291
 Ion Ratio Lower Upper
 75 100
 77 29.5 23.9 35.9
 39 67.7 60.4 90.6

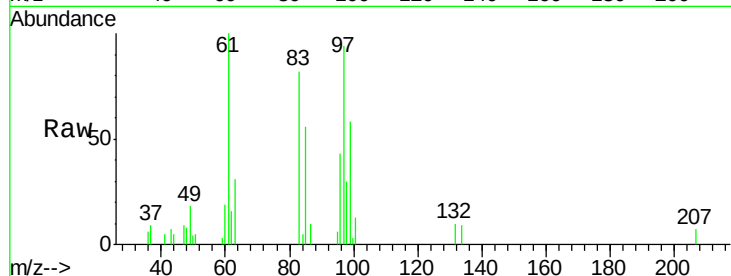




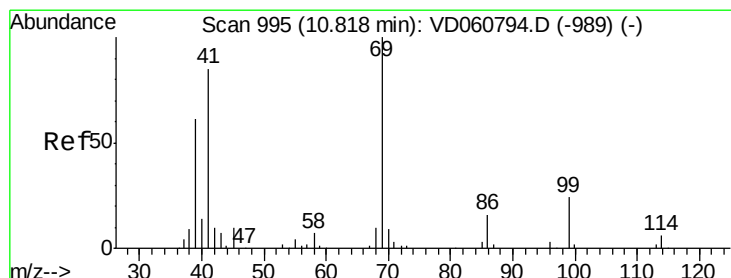
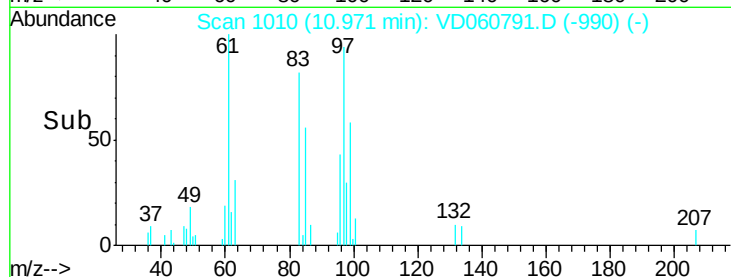
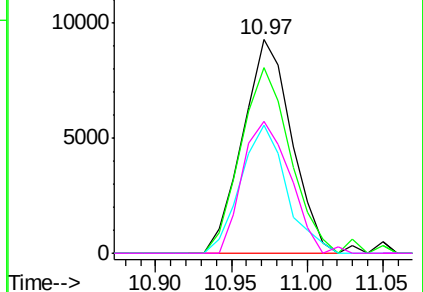
#55
 1,1,2-Trichloroethane
 Concen: 5.115 ug/l
 RT: 10.97 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: VD060791.D
 Acq: 28 Jan 2019 15:13

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 97 Resp: 20849
 Ion Ratio Lower Upper
 97 100
 83 86.8 68.5 102.7
 85 59.7 45.0 67.6
 99 61.8 49.0 73.4

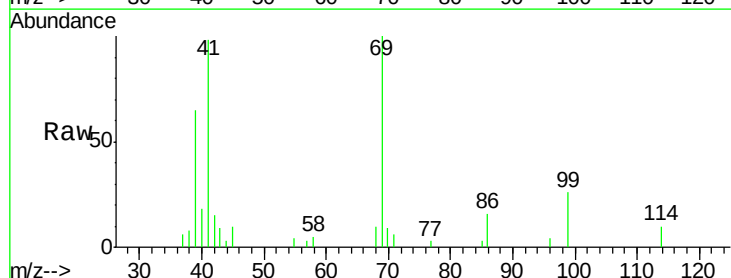


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

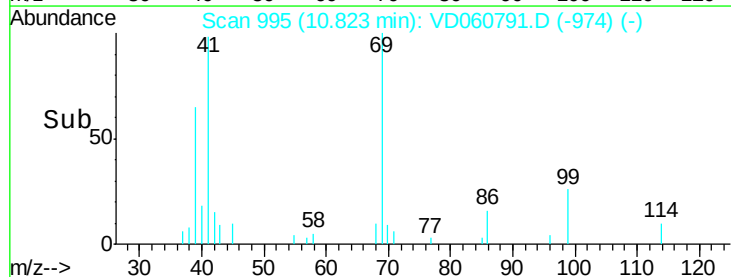
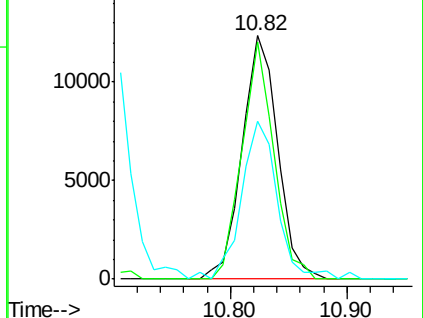


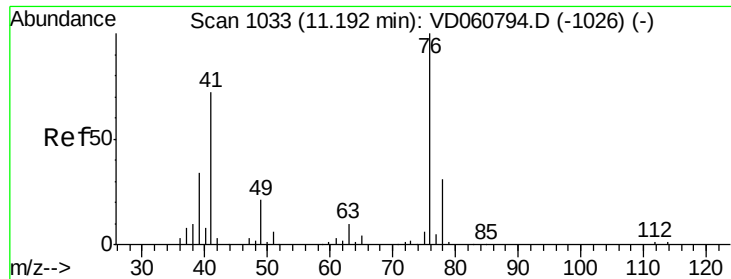
#56
 Ethyl methacrylate
 Concen: 5.298 ug/l
 RT: 10.82 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VD060791.D
 Acq: 28 Jan 2019 15:13

Tgt Ion: 69 Resp: 26158
 Ion Ratio Lower Upper
 69 100
 41 97.5 68.2 102.2
 39 65.0 49.4 74.0



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

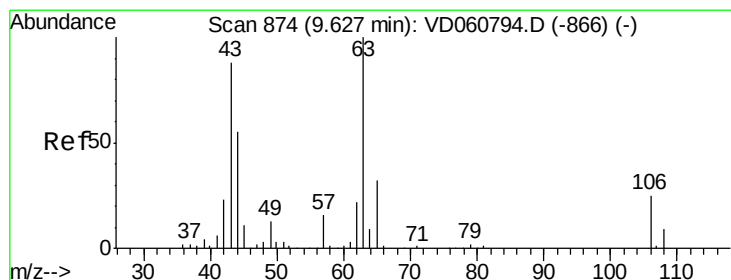
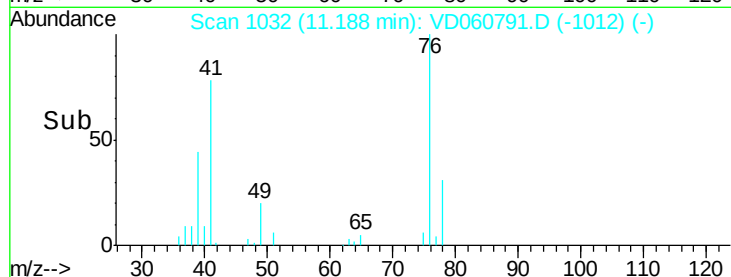
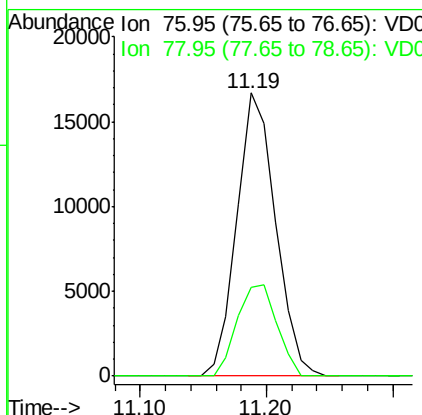
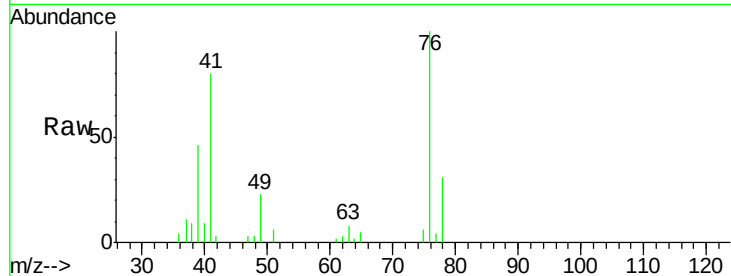




#57
 1,3-Dichloropropane
 Concen: 5.095 ug/l
 RT: 11.19 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: VD060791.D
 Acq: 28 Jan 2019 15:13

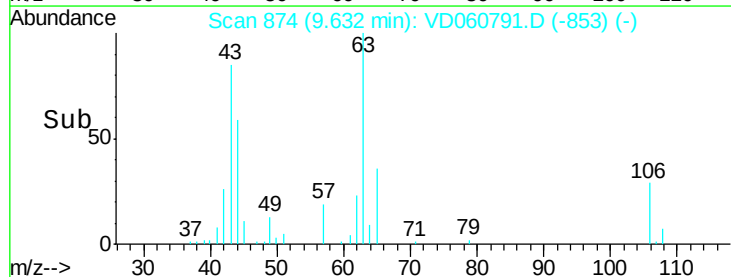
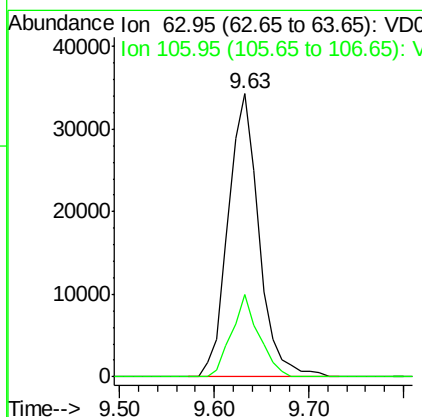
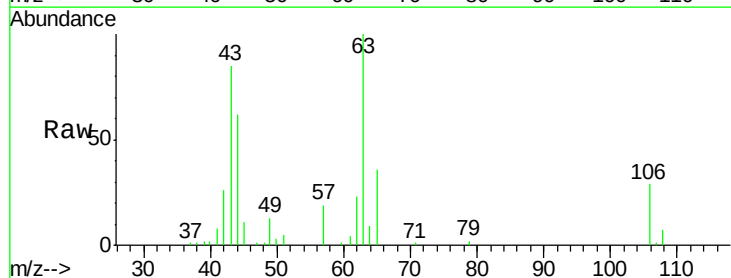
Instrument :
 MSVOA_D
 ClientSampleId :

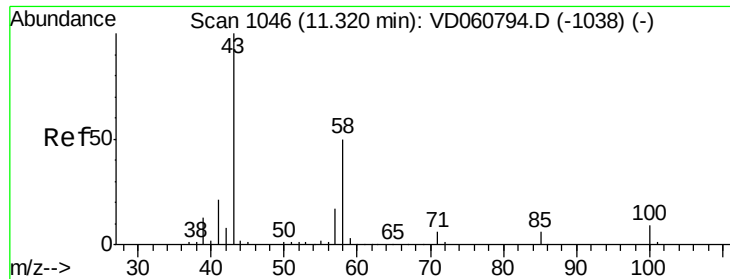
Tgt Ion: 76 Resp: 35488
 Ion Ratio Lower Upper
 76 100
 78 31.4 24.5 36.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 29.851 ug/l
 RT: 9.63 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VD060791.D
 Acq: 28 Jan 2019 15:13

Tgt Ion: 63 Resp: 77331
 Ion Ratio Lower Upper
 63 100
 106 29.0 19.9 29.9

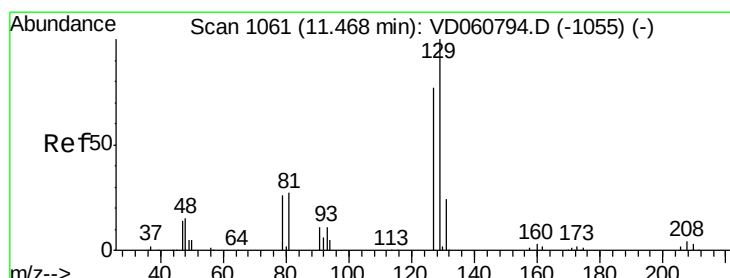
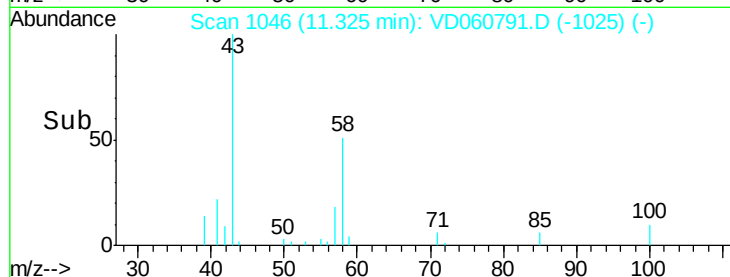
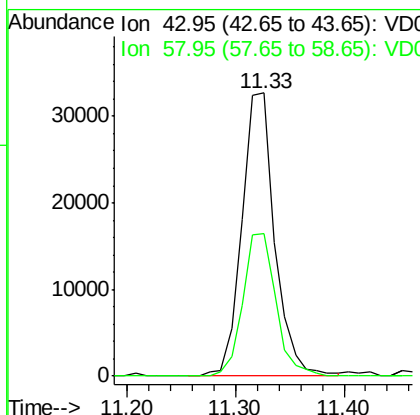
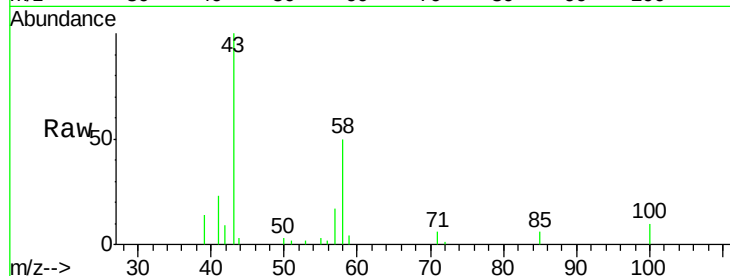




#59
2-Hexanone
Concen: 25.442 ug/l
RT: 11.33 min Scan# 1046
Delta R.T. 0.01 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

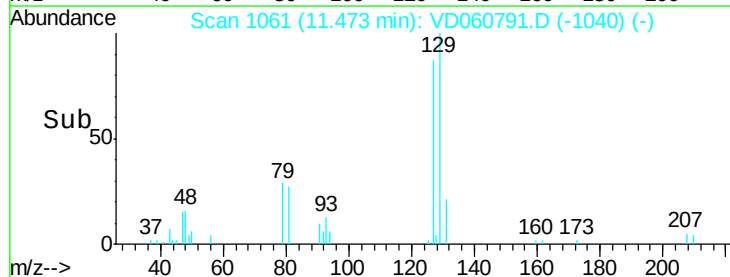
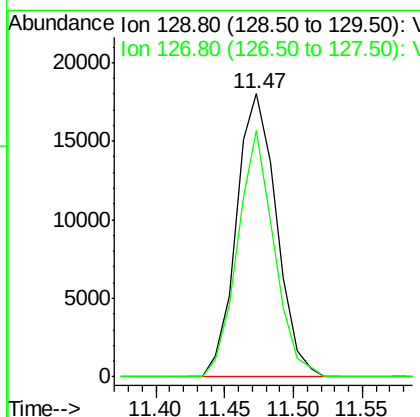
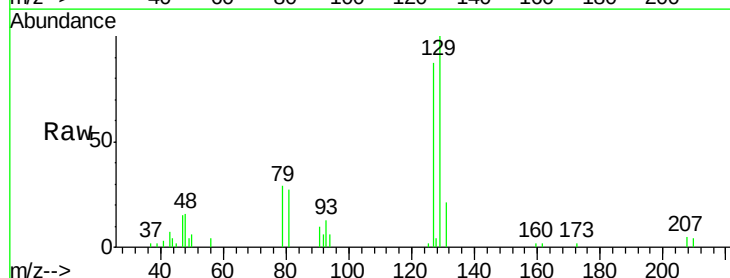
Instrument :
MSVOA_D
ClientSampleId :

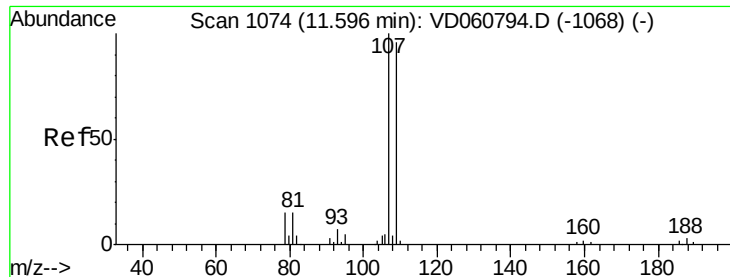
Tgt Ion: 43 Resp: 68872
Ion Ratio Lower Upper
43 100
58 50.2 25.0 75.0



#60
Dibromochloromethane
Concen: 4.980 ug/l
RT: 11.47 min Scan# 1061
Delta R.T. 0.01 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Tgt Ion: 129 Resp: 36491
Ion Ratio Lower Upper
129 100
127 87.1 38.6 115.7





#61

1,2-Dibromoethane

Concen: 5.150 ug/l

RT: 11.59 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

Instrument :

MSVOA_D

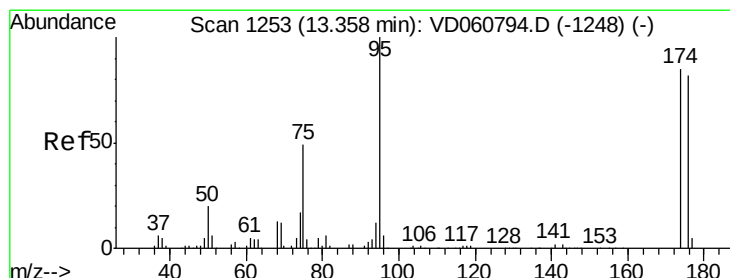
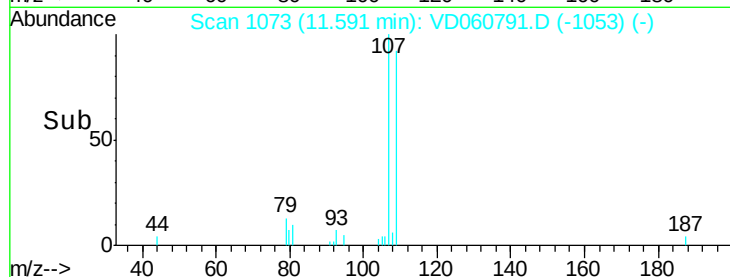
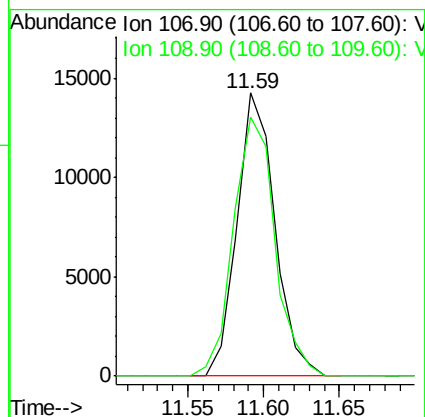
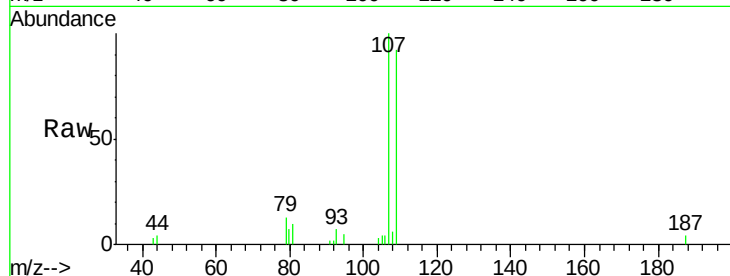
ClientSampleId :

Tgt Ion: 107 Resp: 24721

Ion Ratio Lower Upper

107 100

109 91.5 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 5.150 ug/l

RT: 13.35 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

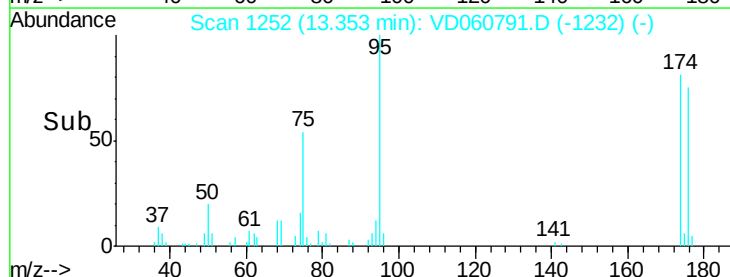
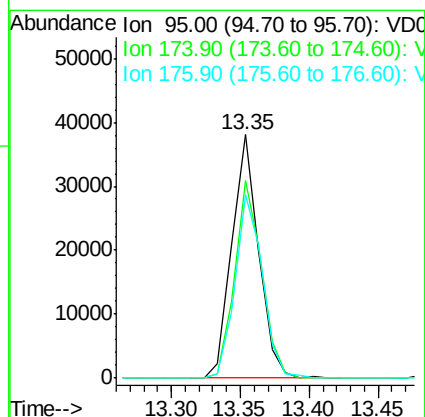
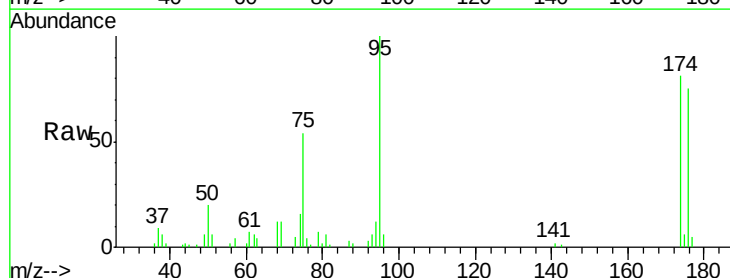
Tgt Ion: 95 Resp: 51331

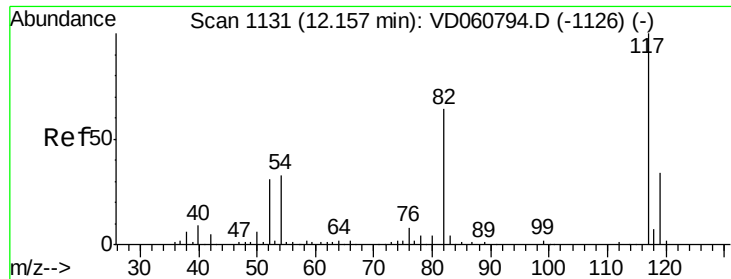
Ion Ratio Lower Upper

95 100

174 81.1 0.0 169.6

176 75.2 0.0 163.8

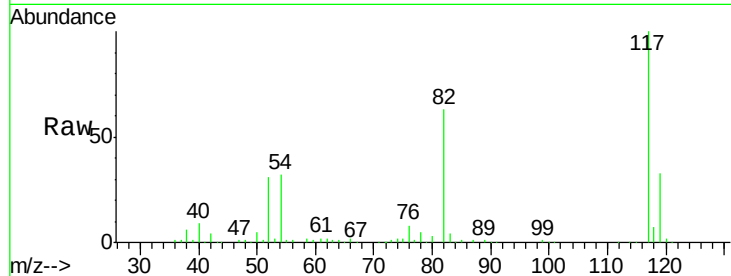




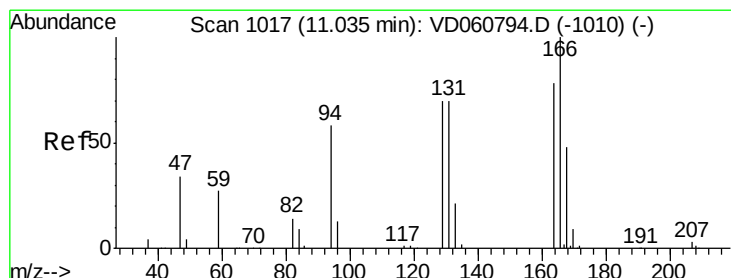
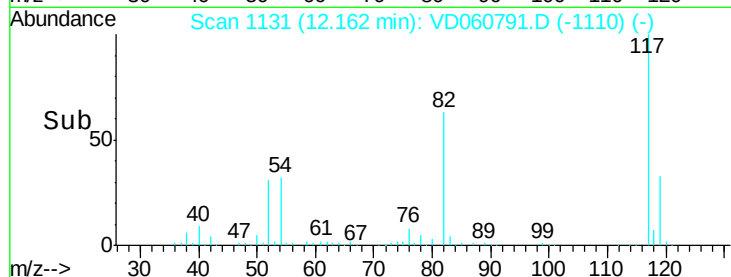
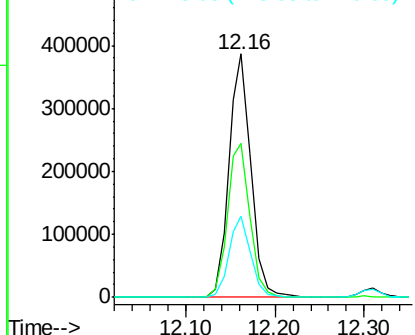
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.16 min Scan# 1131
Delta R.T. 0.01 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:117 Resp: 671848
Ion Ratio Lower Upper
117 100
82 63.5 51.5 77.3
119 33.3 27.1 40.7

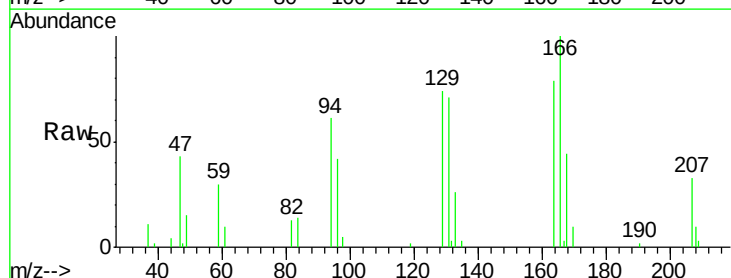


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

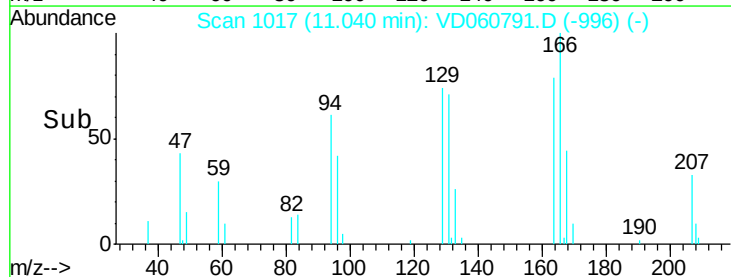
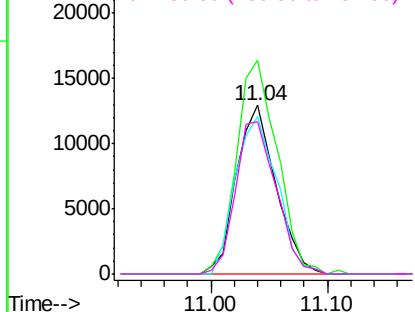


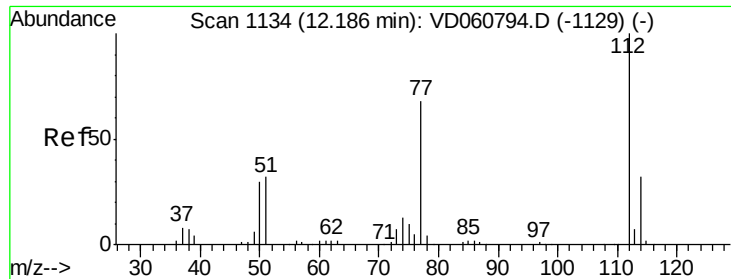
#64
Tetrachloroethene
Concen: 4.944 ug/l
RT: 11.04 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Tgt Ion:164 Resp: 30484
Ion Ratio Lower Upper
164 100
166 126.6 102.6 154.0
129 93.7 72.3 108.5
131 90.5 72.1 108.1



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

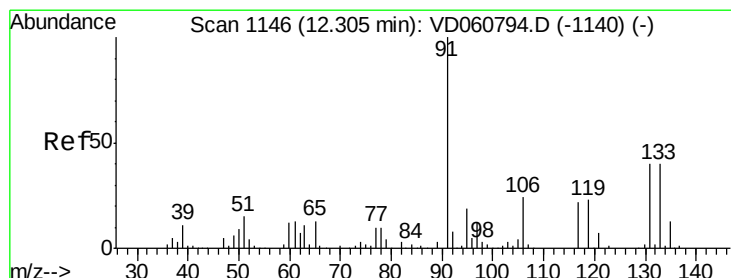
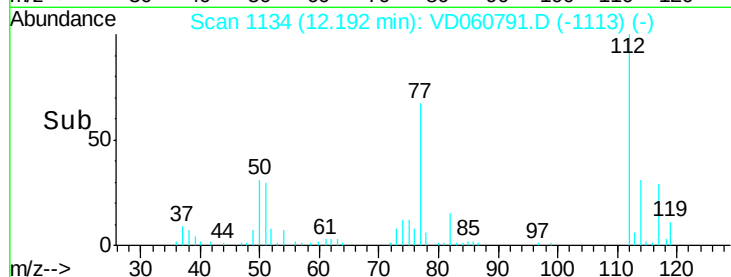
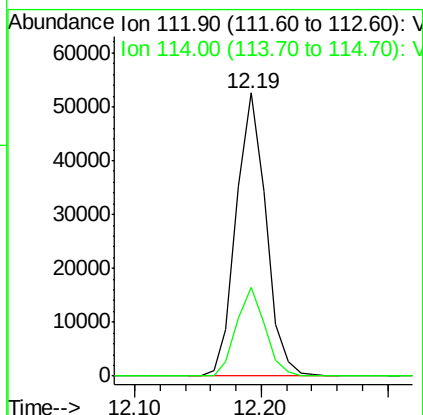
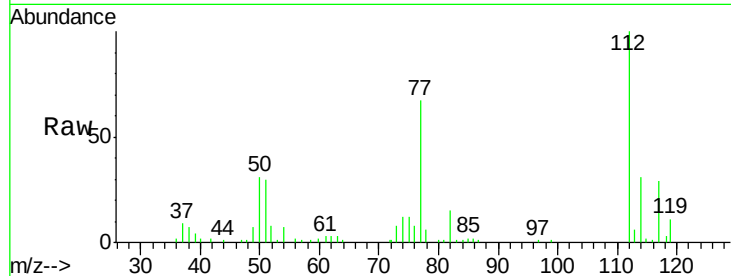




#65
Chlorobenzene
Concen: 5.581 ug/l
RT: 12.19 min Scan# 1134
Delta R.T. 0.01 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

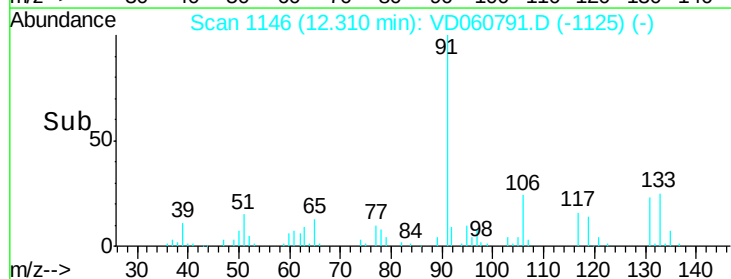
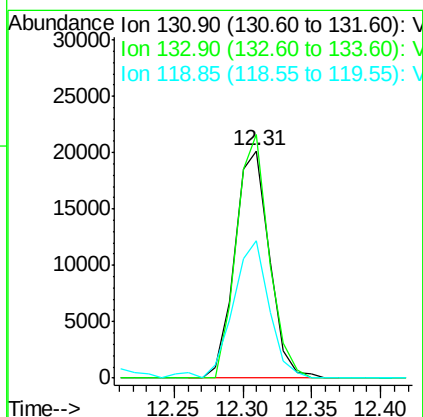
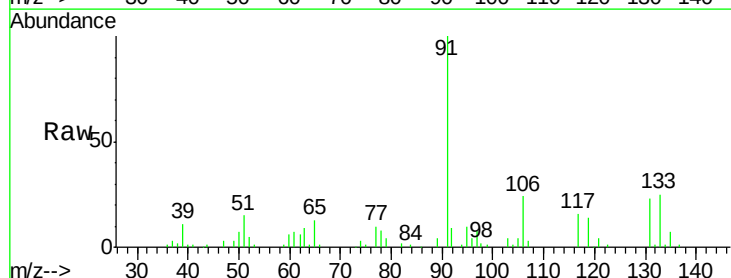
Instrument :
MSVOA_D
ClientSampled :

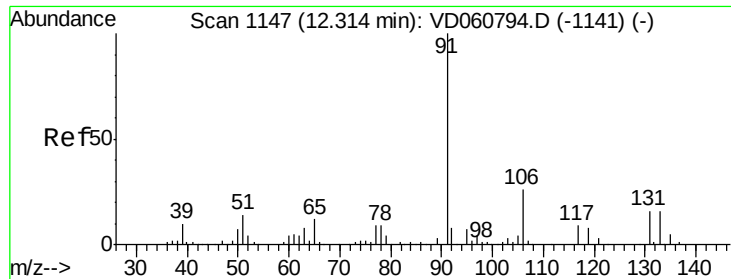
Tgt Ion:112 Resp: 85685
Ion Ratio Lower Upper
112 100
114 31.3 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 5.352 ug/l
RT: 12.31 min Scan# 1146
Delta R.T. 0.01 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Tgt Ion:131 Resp: 35300
Ion Ratio Lower Upper
131 100
133 107.3 49.9 149.7
119 60.7 28.5 85.5

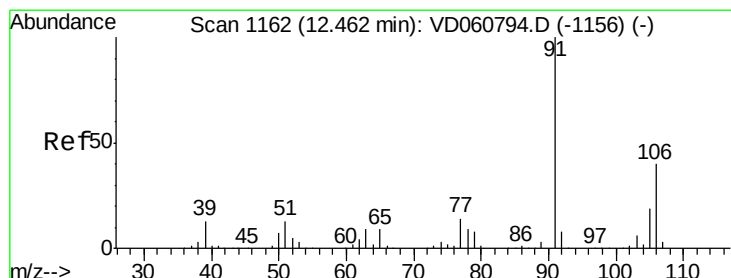
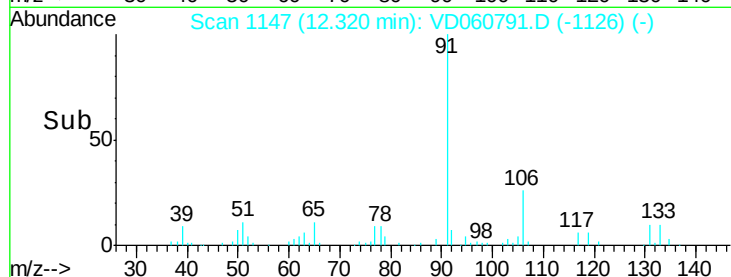
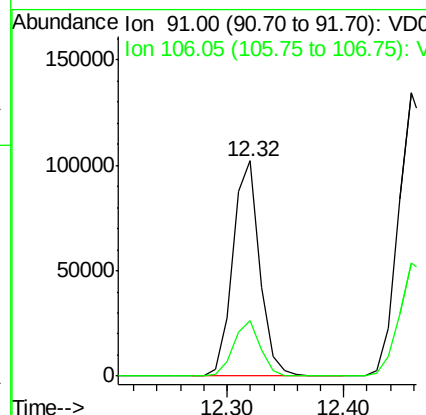
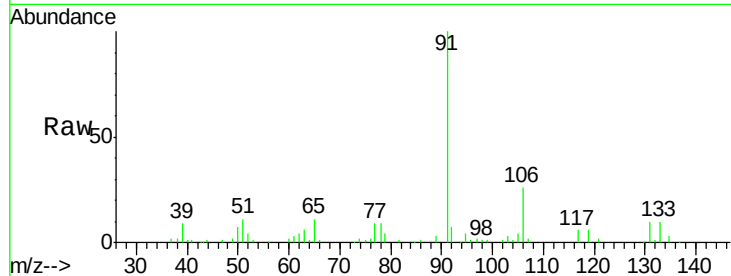




#67
Ethyl Benzene
Concen: 5.921 ug/l
RT: 12.32 min Scan# 1147
Delta R.T. 0.01 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

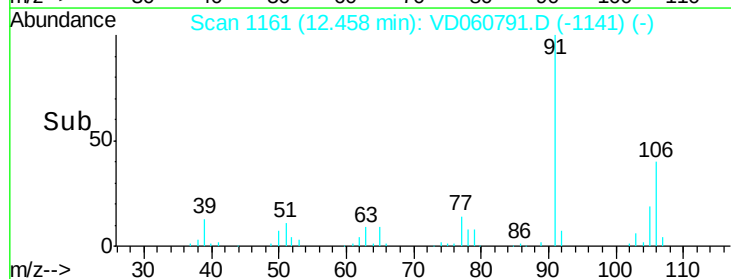
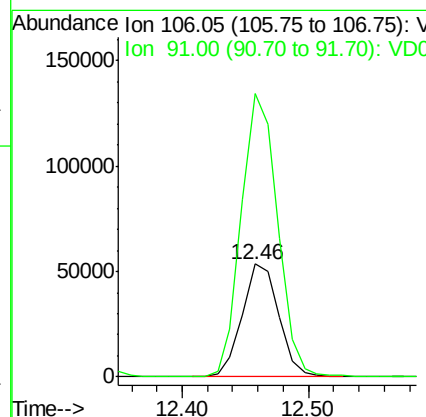
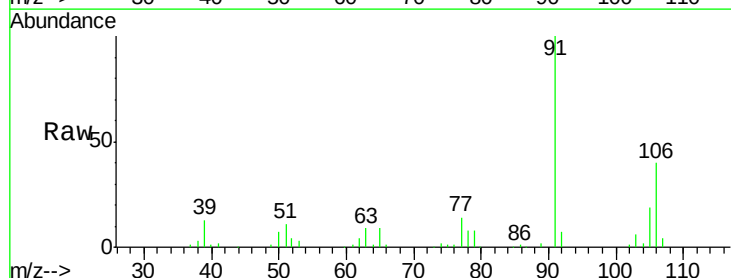
Instrument :
MSVOA_D
ClientSampled :

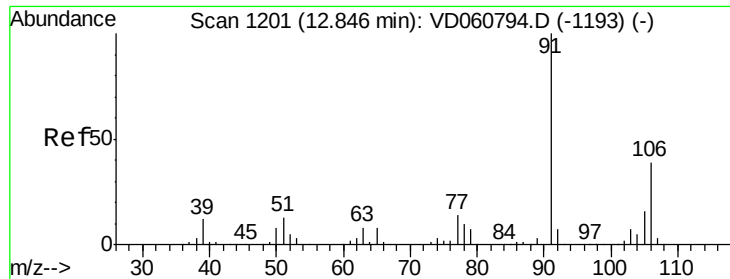
Tgt Ion: 91 Resp: 163461
Ion Ratio Lower Upper
91 100
106 25.9 21.0 31.6



#68
m/p-Xylenes
Concen: 11.931 ug/l
RT: 12.46 min Scan# 1161
Delta R.T. -0.00 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Tgt Ion: 106 Resp: 107162
Ion Ratio Lower Upper
106 100
91 251.1 200.5 300.7

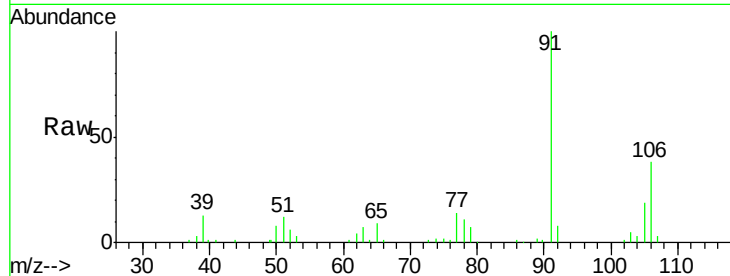




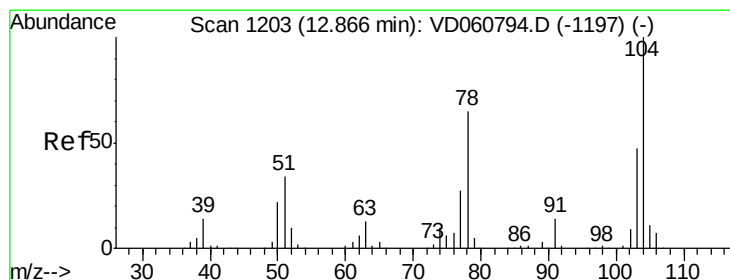
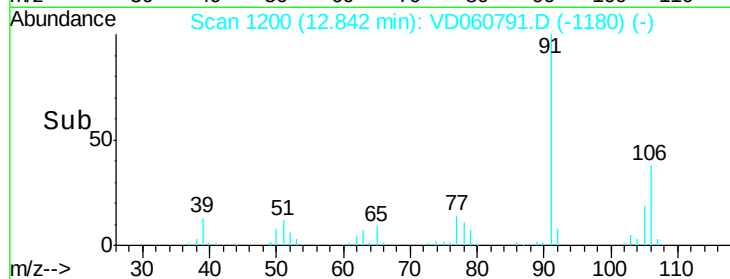
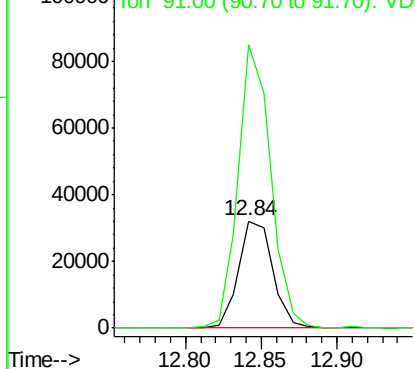
#69
o-Xylene
Concen: 5.673 ug/l
RT: 12.84 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:106 Resp: 50437
Ion Ratio Lower Upper
106 100
91 264.3 127.6 382.7

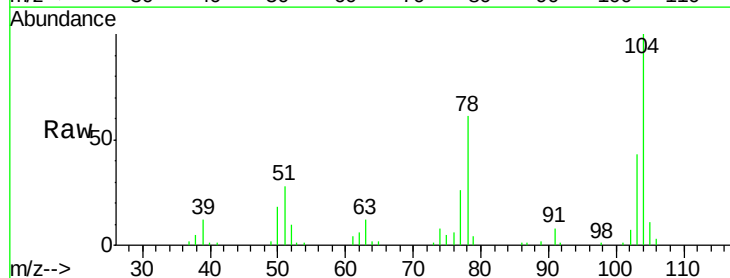


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

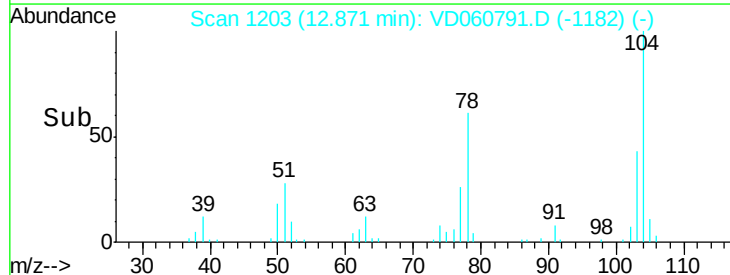
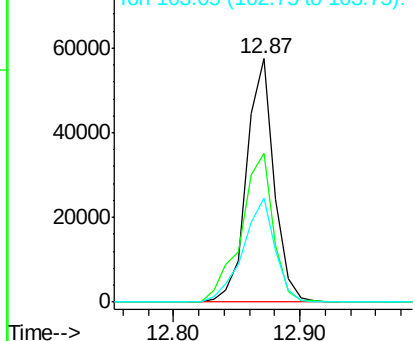


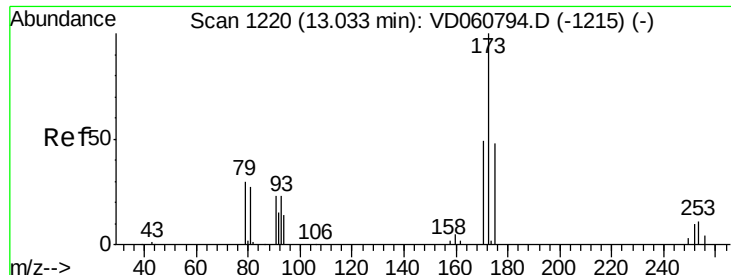
#70
Styrene
Concen: 5.791 ug/l
RT: 12.87 min Scan# 1203
Delta R.T. 0.01 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Tgt Ion:104 Resp: 86324
Ion Ratio Lower Upper
104 100
78 61.0 52.0 78.0
103 42.8 37.7 56.5



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

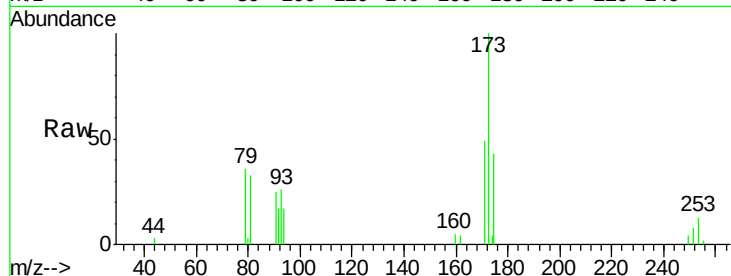




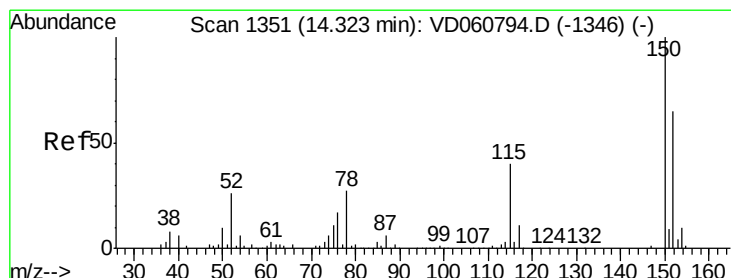
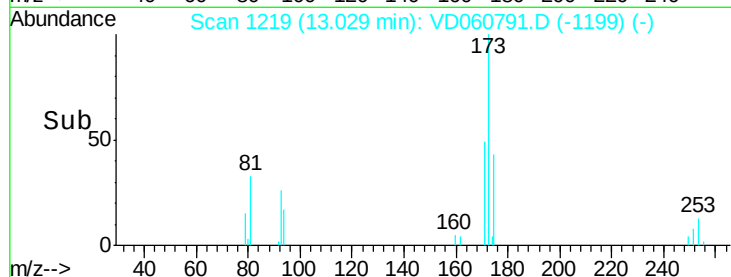
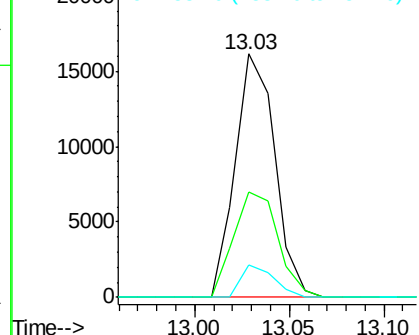
#71
Bromoform
Concen: 4.687 ug/l
RT: 13.03 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:173 Resp: 23295
Ion Ratio Lower Upper
173 100
175 43.1 24.1 72.4
254 13.2 9.1 13.7

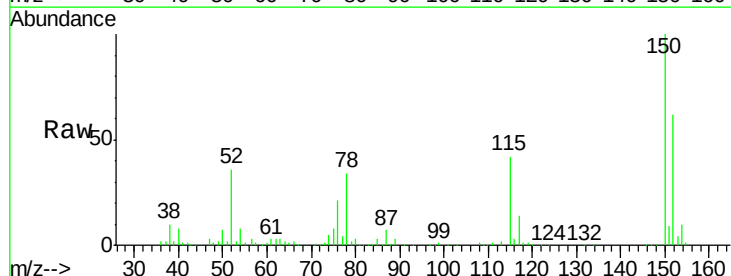


Abundance Ion 172.80 (172.50 to 173.50): V
Ion 174.80 (174.50 to 175.50): V
Ion 253.70 (253.40 to 254.40): V

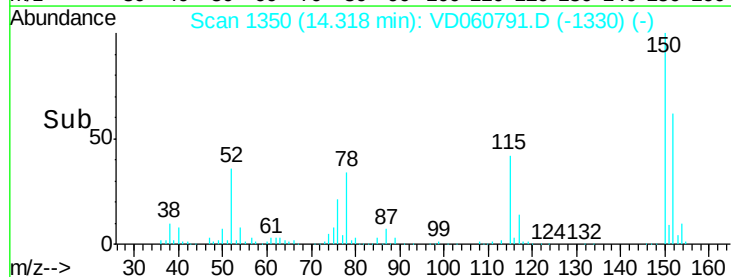
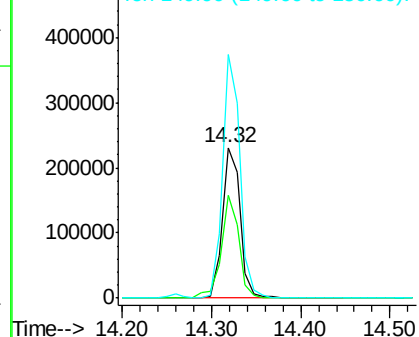


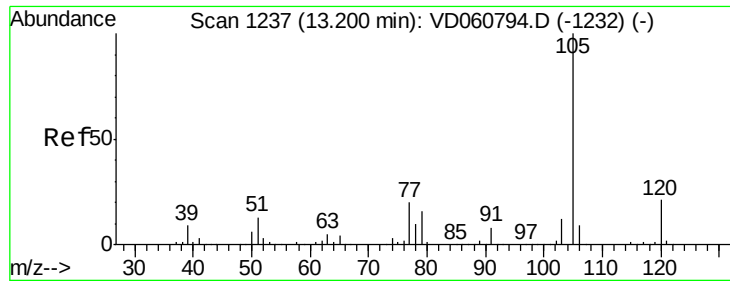
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Tgt Ion:152 Resp: 321684
Ion Ratio Lower Upper
152 100
115 68.5 31.6 95.0
150 162.0 0.0 317.6



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: 6.080 ug/l

RT: 13.21 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

Instrument :

MSVOA_D

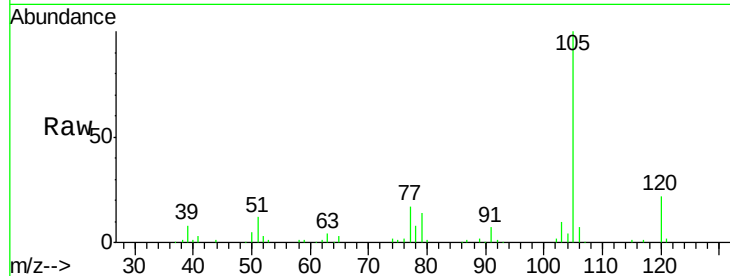
ClientSampleId :

Tgt Ion: 105 Resp: 155936

Ion Ratio Lower Upper

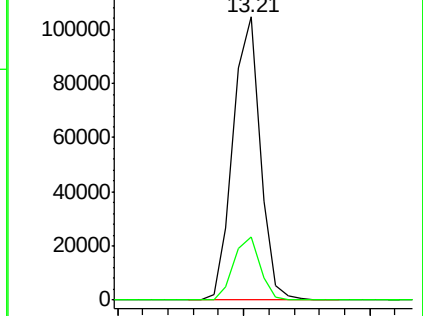
105 100

120 22.4 10.7 32.1

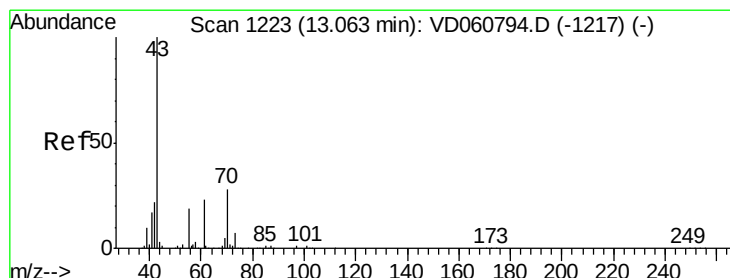
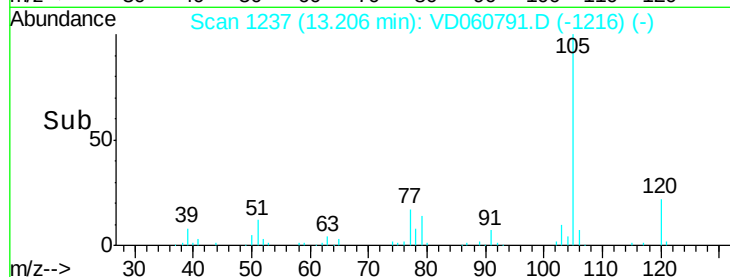


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



Time--> 13.10 13.20 13.30



#74

N-ethyl acetate

Concen: 5.203 ug/l

RT: 13.07 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

Tgt Ion: 43 Resp: 41027

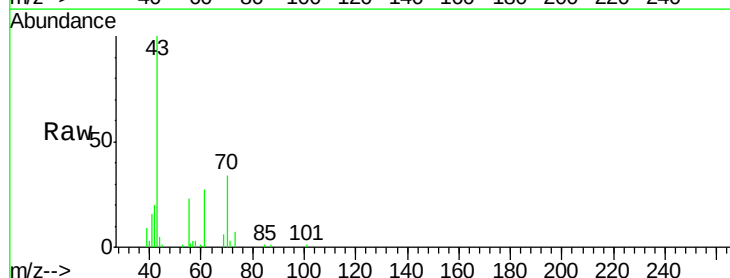
Ion Ratio Lower Upper

43 100

70 33.6 22.2 33.4#

55 22.9 15.5 23.3

61 26.9 18.4 27.6

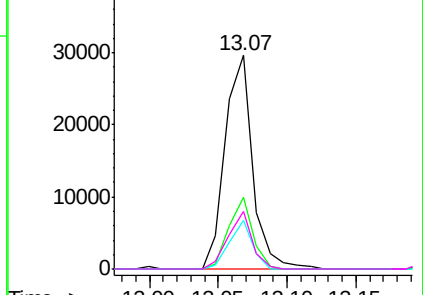


Abundance Ion 42.95 (42.65 to 43.65): V

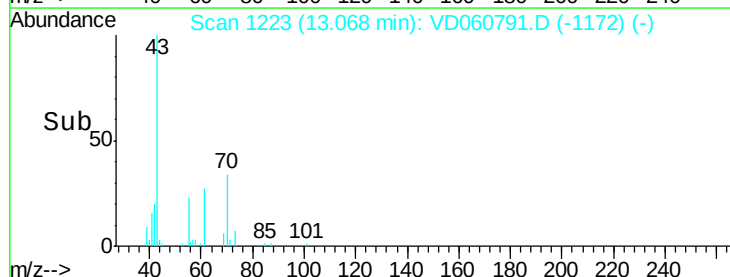
Ion 70.00 (69.70 to 70.70): V

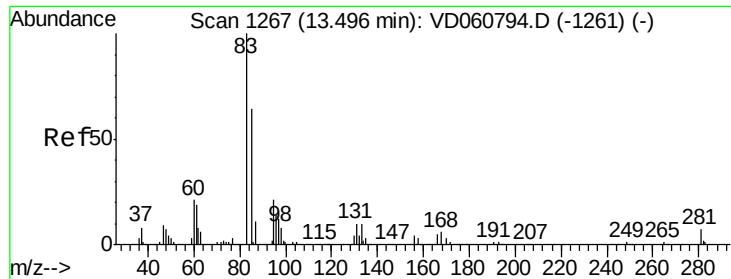
Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V



Time--> 13.00 13.05 13.10 13.15





#75

1,1,2,2-Tetrachloroethane

Concen: 5.352 ug/l

RT: 13.50 min Scan# 1267

Delta R.T. 0.01 min

Lab File: VD060791.D

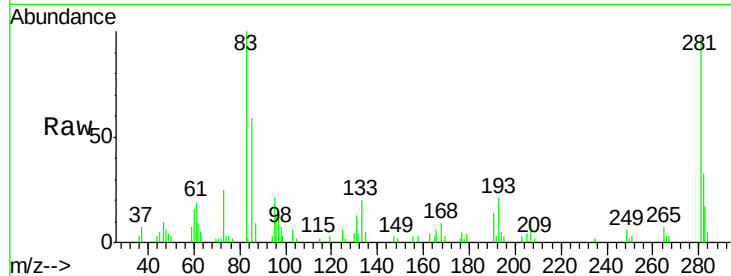
Acq: 28 Jan 2019 15:13

Instrument :

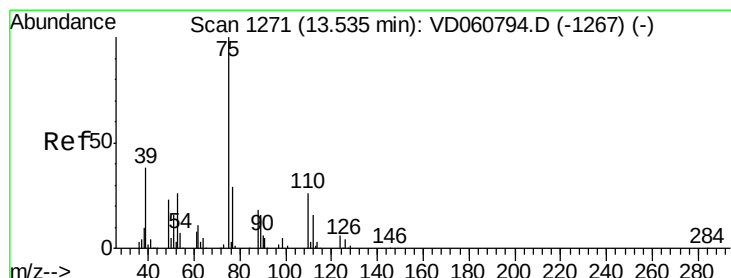
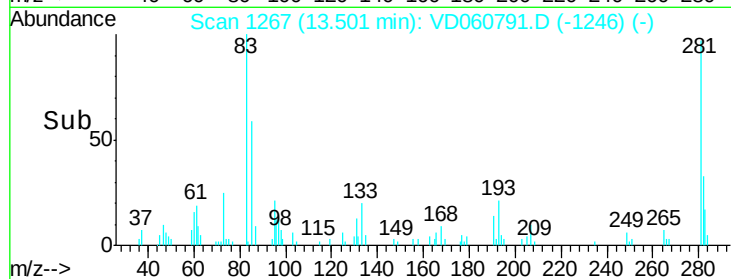
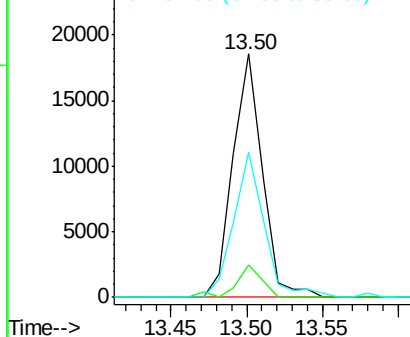
MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	24994
Ion	Ratio	Lower	Upper
83	100		
131	13.4	5.0	15.0
85	59.4	31.8	95.4



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: 5.158 ug/l

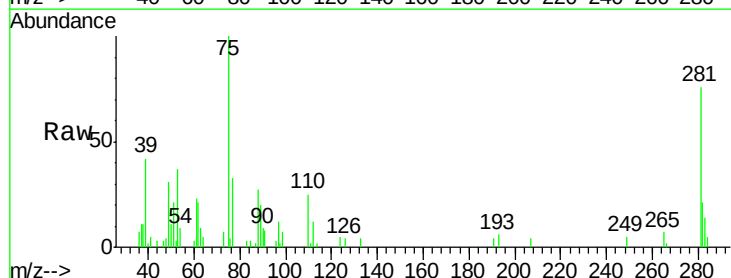
RT: 13.53 min Scan# 1270

Delta R.T. -0.00 min

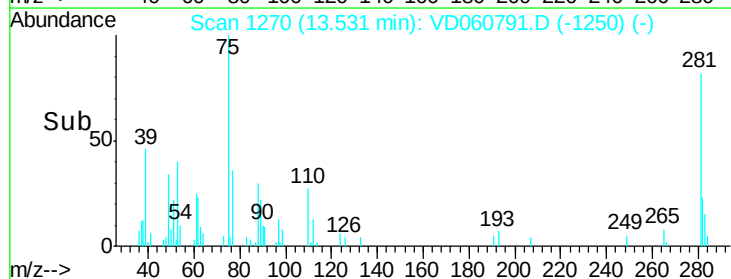
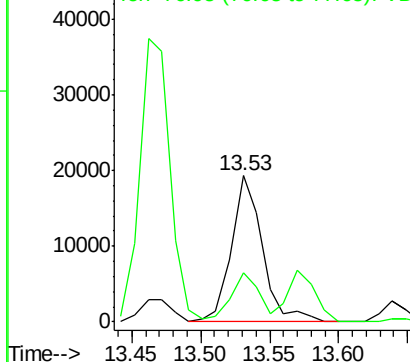
Lab File: VD060791.D

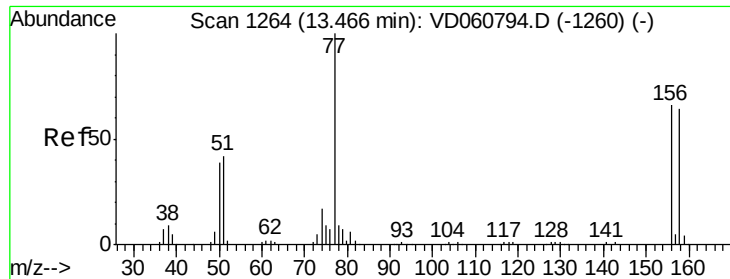
Acq: 28 Jan 2019 15:13

Tgt Ion:	75	Resp:	30428
Ion	Ratio	Lower	Upper
75	100		
77	33.4	15.9	47.7



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





#77

Bromobenzene

Concen: 5.662 ug/l

RT: 13.47 min Scan# 1264

Delta R.T. 0.01 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

Instrument :

MSVOA_D

ClientSampleId :

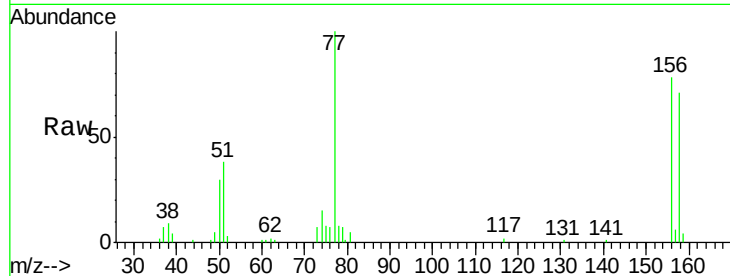
Tgt Ion:156 Resp: 37327

Ion Ratio Lower Upper

156 100

77 129.0 76.0 228.0

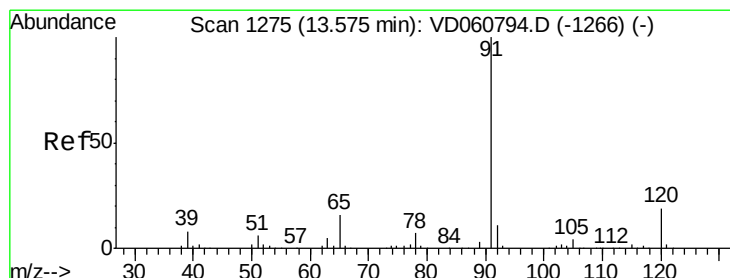
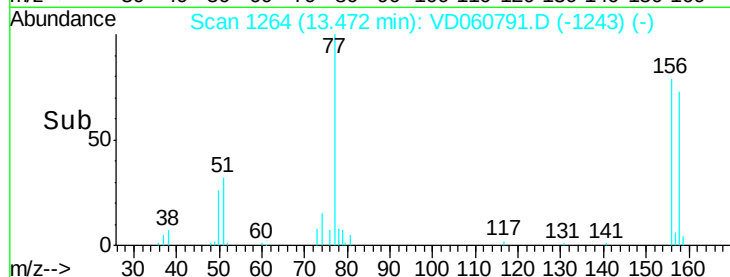
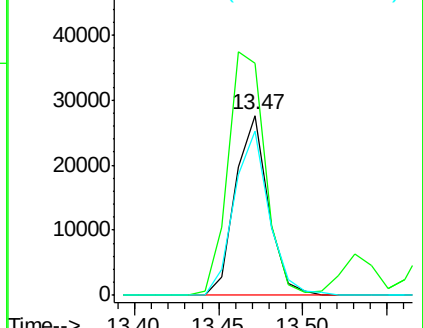
158 91.5 48.4 145.0



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: 5.628 ug/l

RT: 13.57 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VD060791.D

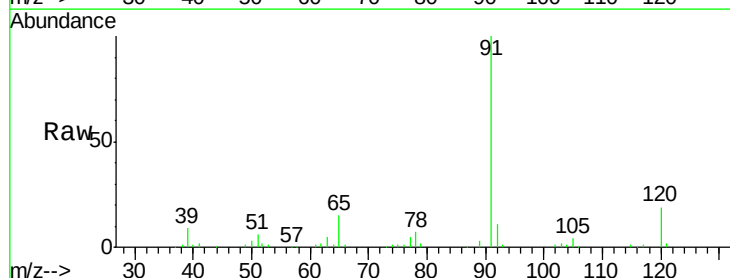
Acq: 28 Jan 2019 15:13

Tgt Ion: 91 Resp: 181210

Ion Ratio Lower Upper

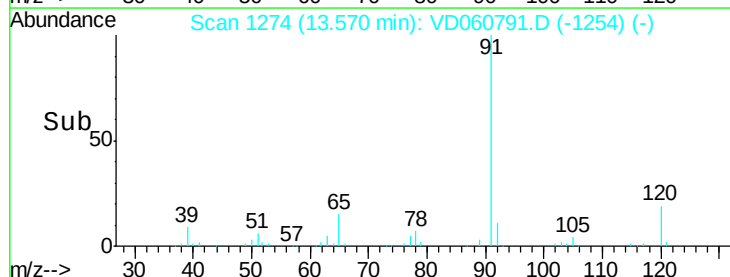
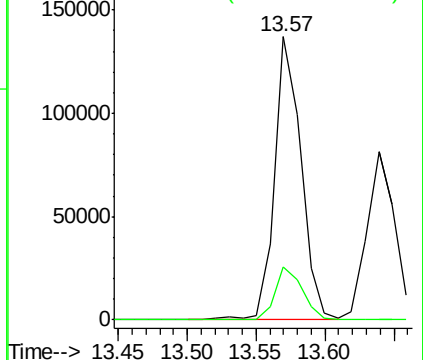
91 100

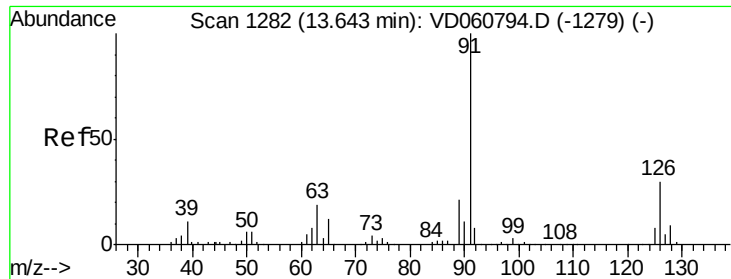
120 18.7 9.7 28.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

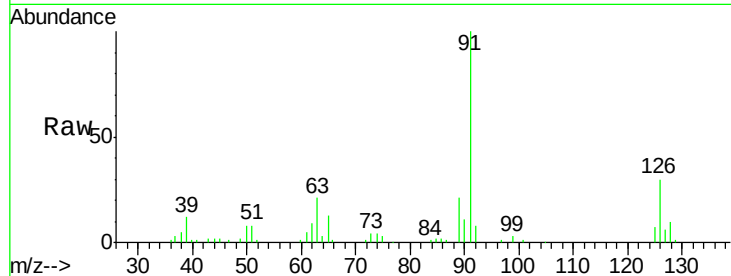




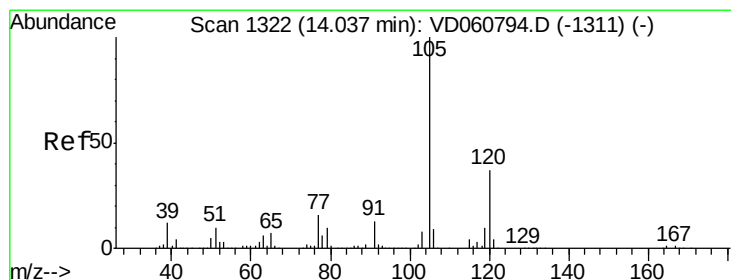
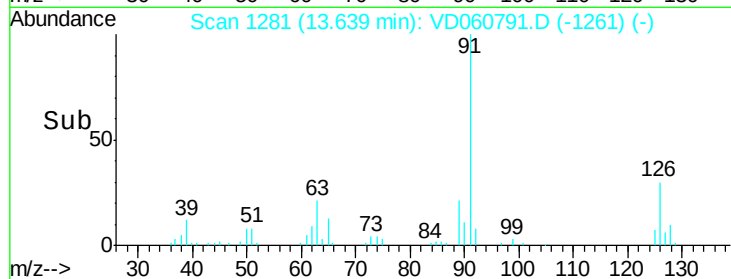
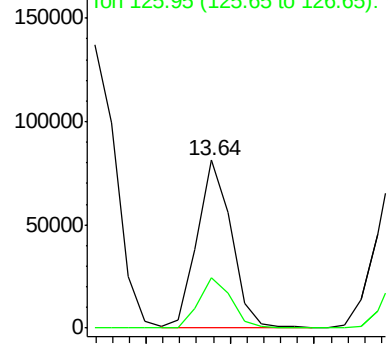
#79
 2-Chlorotoluene
 Concen: 5.865 ug/l
 RT: 13.64 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VD060791.D
 Acq: 28 Jan 2019 15:13

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 91 Resp: 115186
 Ion Ratio Lower Upper
 91 100
 126 30.4 14.7 44.1

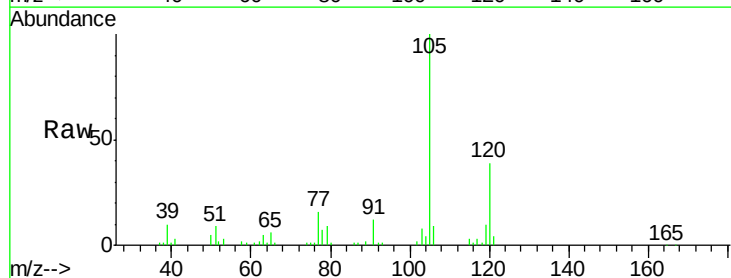


Abundance Ion 91.00 (90.70 to 91.70): VD060791.D (-1279) (-)
 Ion 125.95 (125.65 to 126.65): VD060791.D (-1279) (-)

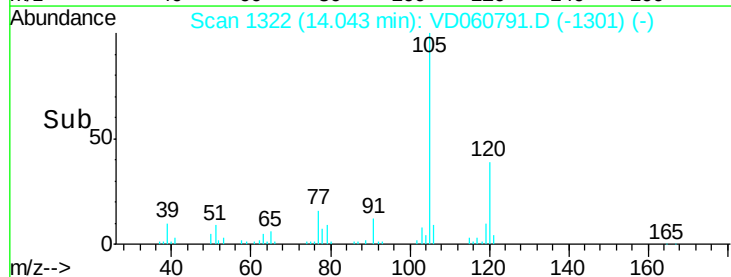
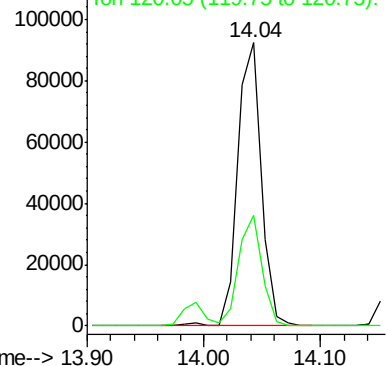


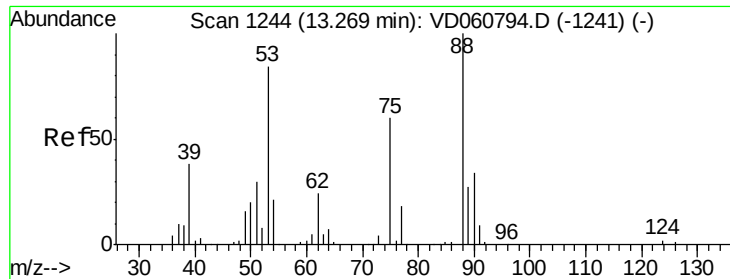
#80
 1,3,5-Trimethylbenzene
 Concen: 5.878 ug/l
 RT: 14.04 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VD060791.D
 Acq: 28 Jan 2019 15:13

Tgt Ion: 105 Resp: 129779
 Ion Ratio Lower Upper
 105 100
 120 38.9 18.4 55.2



Abundance Ion 105.05 (104.75 to 105.75): VD060791.D (-1301) (-)
 Ion 120.05 (119.75 to 120.75): VD060791.D (-1301) (-)

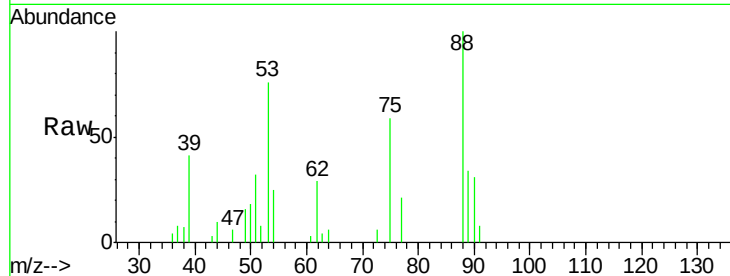




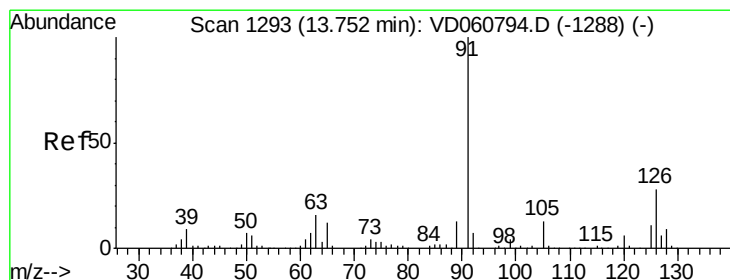
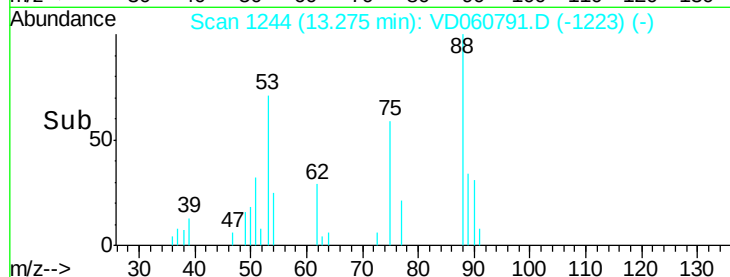
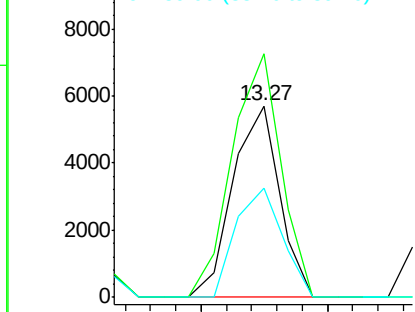
#81
trans-1,4-Dichloro-2-butene
Concen: 4.764 ug/l
RT: 13.27 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 7327
Ion Ratio Lower Upper
75 100
53 127.2 111.6 167.4
89 56.9 35.9 53.9#

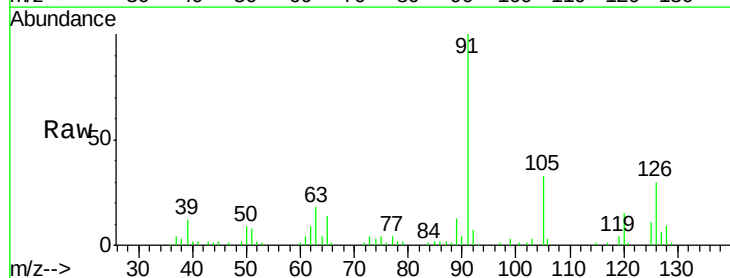


Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

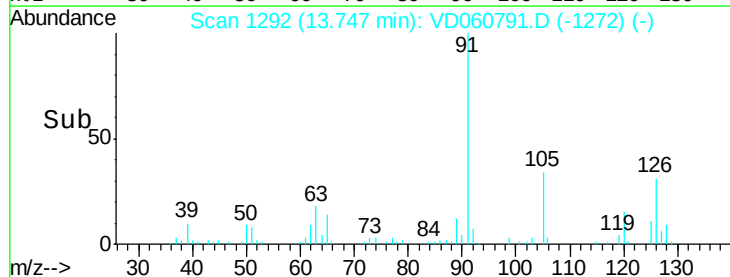
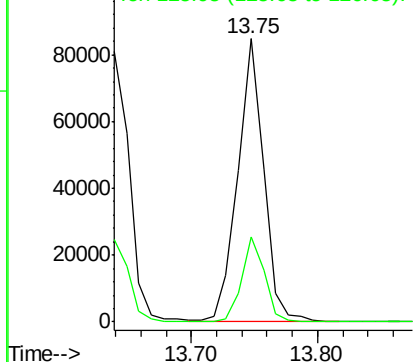


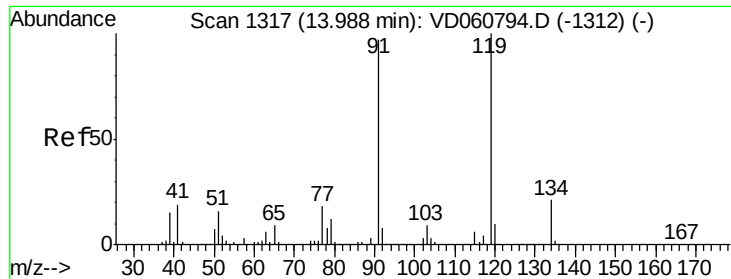
#82
4-Chlorotoluene
Concen: 5.538 ug/l
RT: 13.75 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Tgt Ion: 91 Resp: 120865
Ion Ratio Lower Upper
91 100
126 29.8 13.9 41.7



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

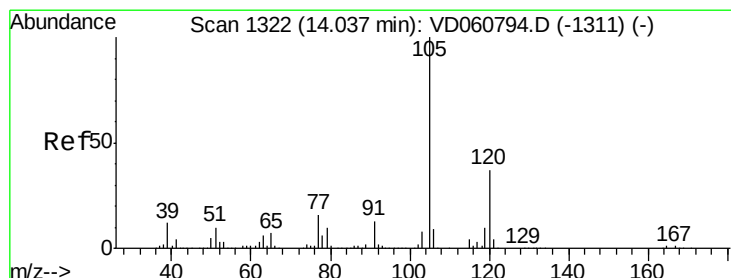
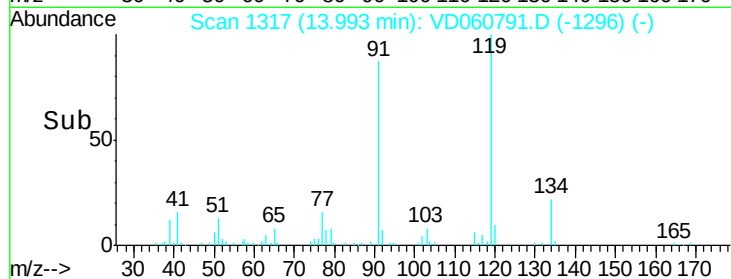
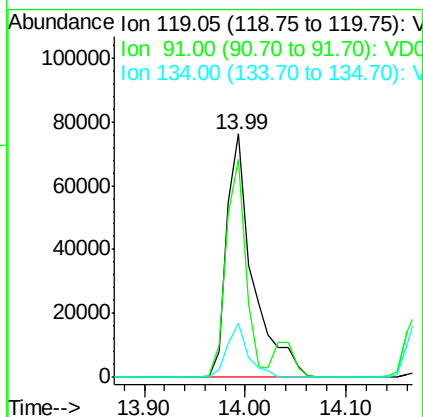
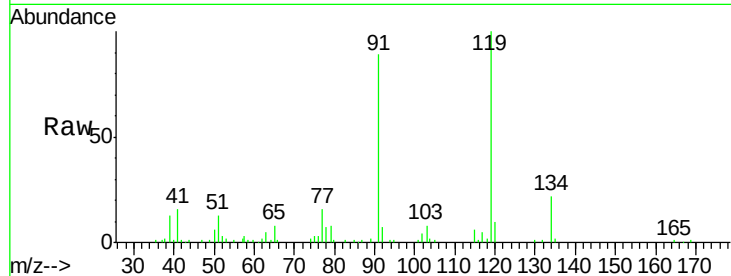




#83
 tert-Butylbenzene
 Concen: 5.974 ug/l
 RT: 13.99 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VD060791.D
 Acq: 28 Jan 2019 15:13

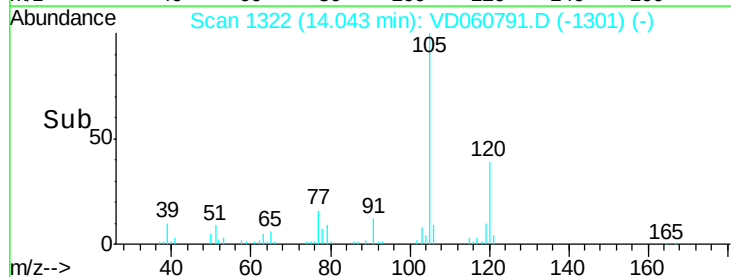
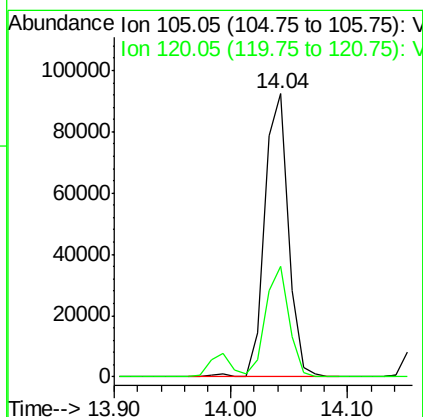
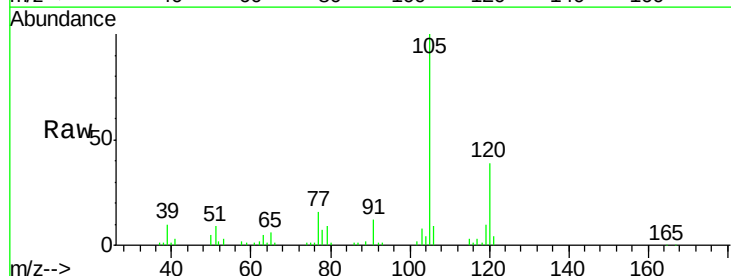
Instrument :
 MSVOA_D
 ClientSampleId :

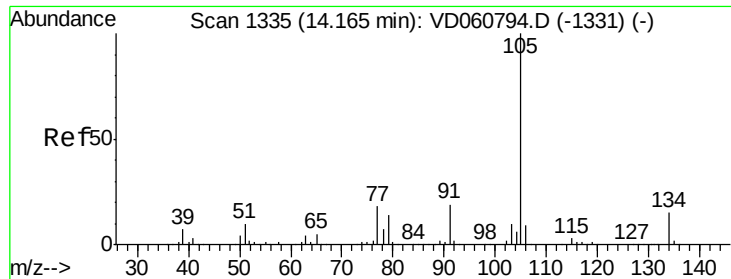
Tgt Ion:119 Resp: 138003
 Ion Ratio Lower Upper
 119 100
 91 89.4 48.5 145.5
 134 22.0 10.3 30.8



#84
 1,2,4-Trimethylbenzene
 Concen: 5.878 ug/l
 RT: 14.04 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VD060791.D
 Acq: 28 Jan 2019 15:13

Tgt Ion:105 Resp: 129779
 Ion Ratio Lower Upper
 105 100
 120 38.9 18.4 55.2

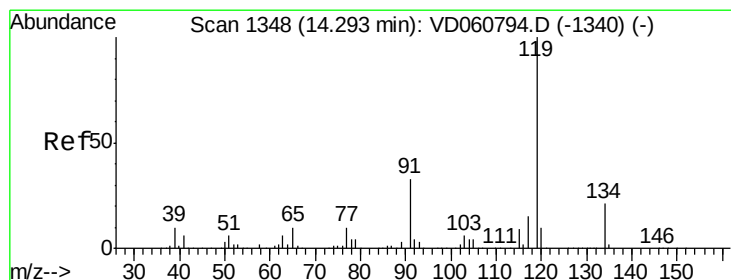
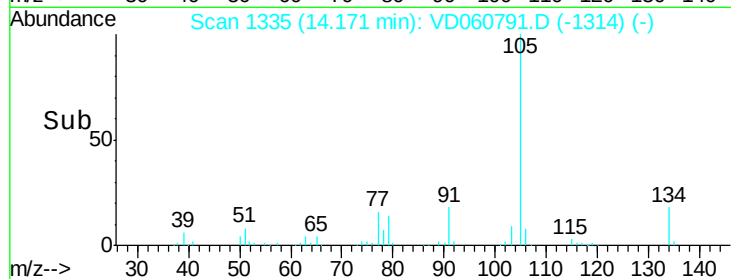
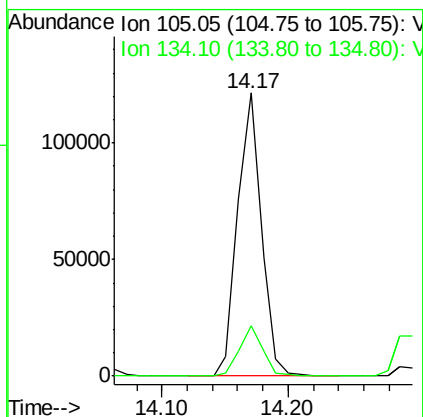
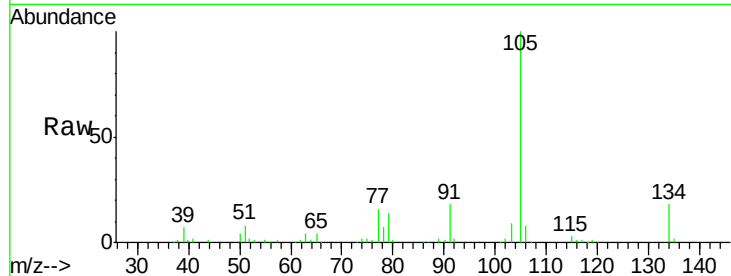




#85
 sec-Butylbenzene
 Concen: 5.984 ug/l
 RT: 14.17 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: VD060791.D
 Acq: 28 Jan 2019 15:13

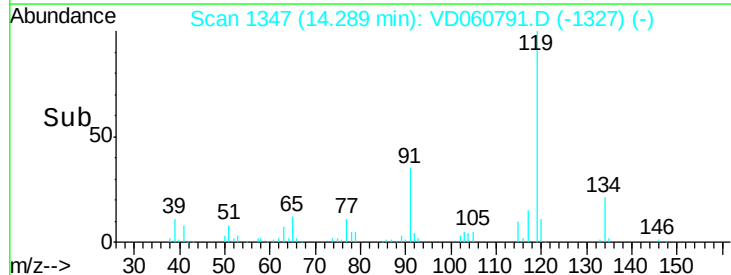
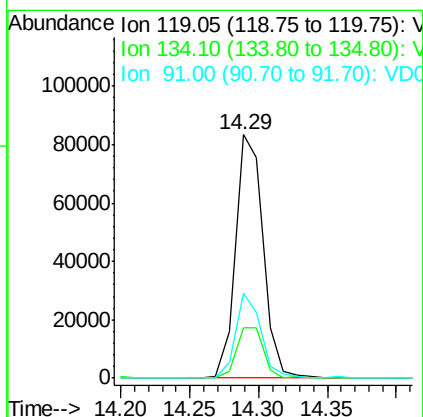
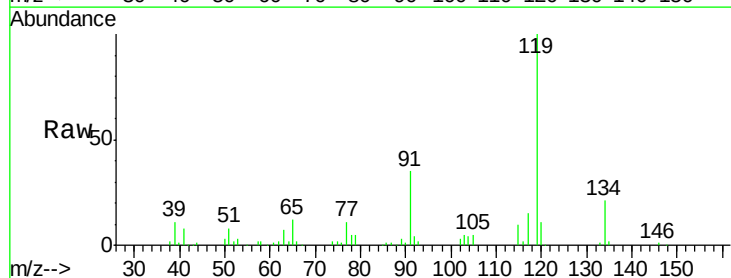
Instrument :
 MSVOA_D
 ClientSampleId :

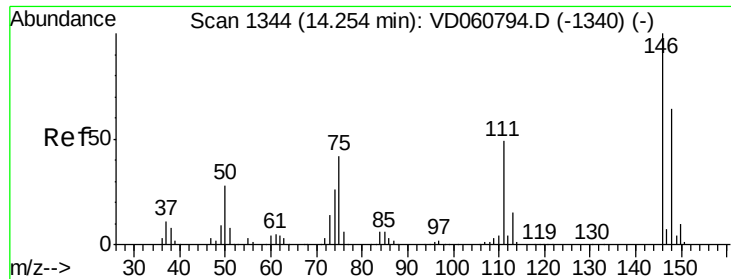
Tgt Ion:105 Resp: 157349
 Ion Ratio Lower Upper
 105 100
 134 17.9 7.4 22.2



#86
 p-Isopropyltoluene
 Concen: 5.469 ug/l
 RT: 14.29 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: VD060791.D
 Acq: 28 Jan 2019 15:13

Tgt Ion:119 Resp: 116751
 Ion Ratio Lower Upper
 119 100
 134 20.9 10.8 32.3
 91 34.9 16.7 50.0

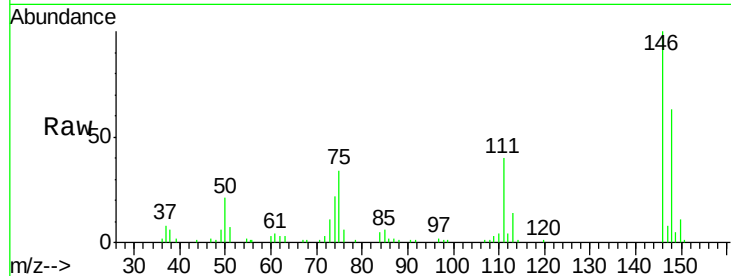




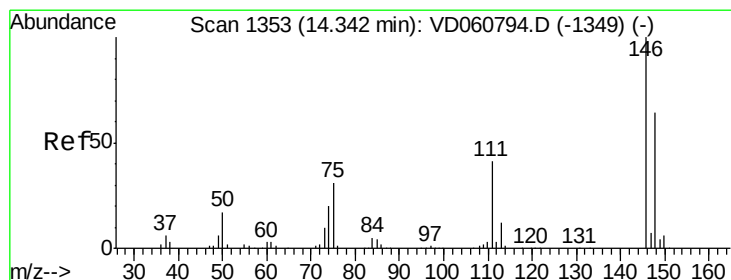
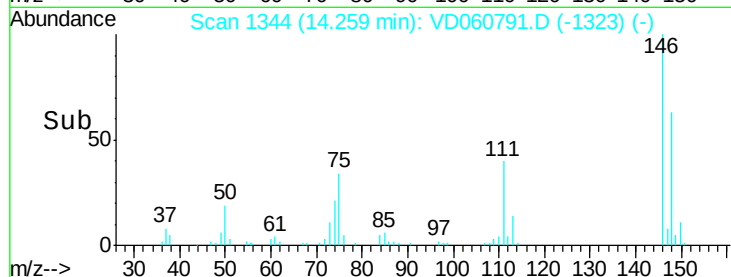
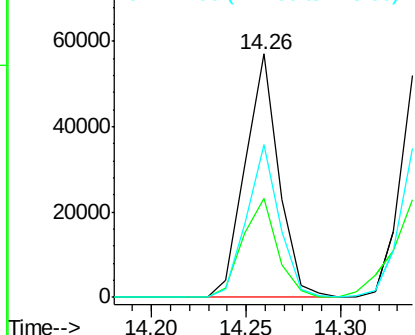
#87
 1,3-Dichlorobenzene
 Concen: 5.959 ug/l
 RT: 14.26 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: VD060791.D
 Acq: 28 Jan 2019 15:13

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:146 Resp: 70276
 Ion Ratio Lower Upper
 146 100
 111 40.4 24.3 73.0
 148 62.9 32.1 96.5

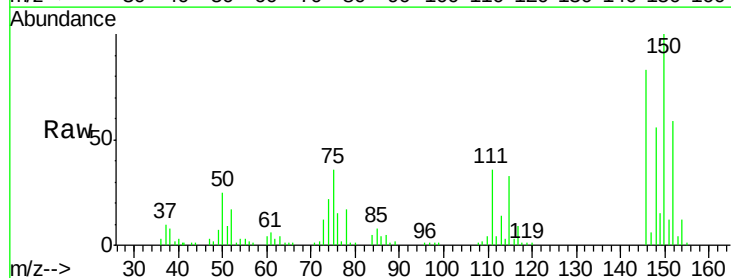


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

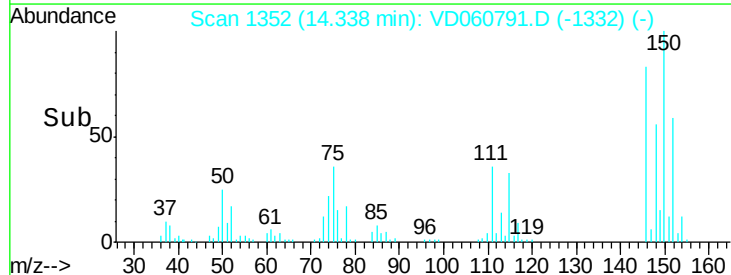
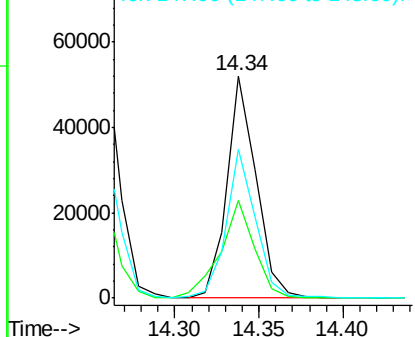


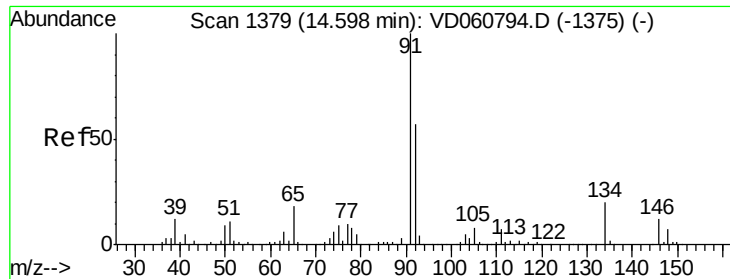
#88
 1,4-Dichlorobenzene
 Concen: 5.520 ug/l
 RT: 14.34 min Scan# 1352
 Delta R.T. -0.00 min
 Lab File: VD060791.D
 Acq: 28 Jan 2019 15:13

Tgt Ion:146 Resp: 63249
 Ion Ratio Lower Upper
 146 100
 111 43.7 20.6 61.8
 148 67.0 31.9 95.7



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





#89

n-Butylbenzene

Concen: 5.889 ug/l

RT: 14.60 min Scan# 1379

Delta R.T. 0.01 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

Instrument :

MSVOA_D

ClientSampleID :

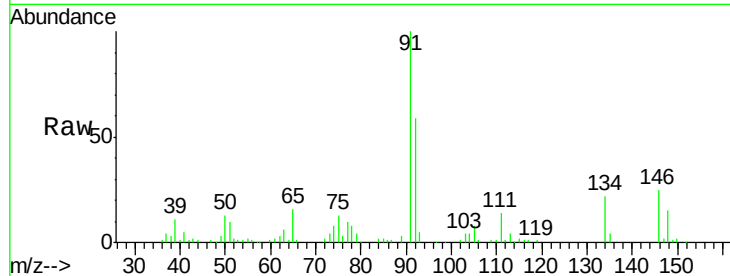
Tgt Ion: 91 Resp: 131179

Ion Ratio Lower Upper

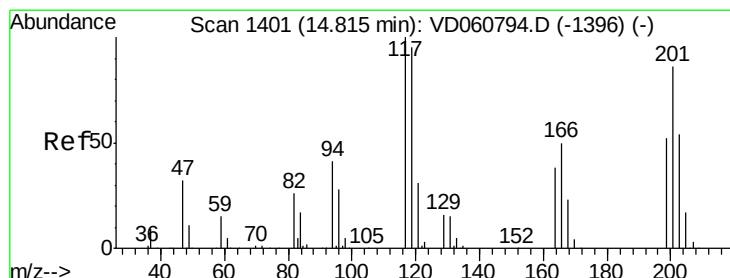
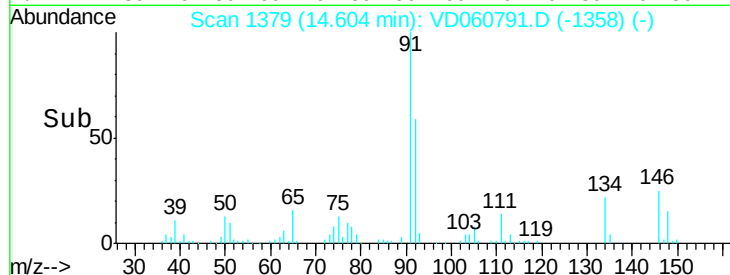
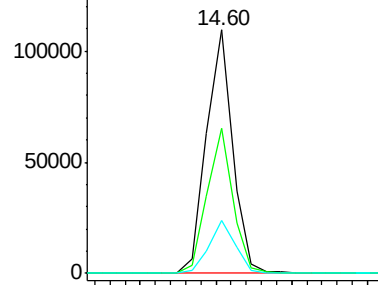
91 100

92 59.3 28.5 85.5

134 21.9 10.0 29.8



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



#90

Hexachloroethane

Concen: 5.651 ug/l

RT: 14.81 min Scan# 1400

Delta R.T. -0.00 min

Lab File: VD060791.D

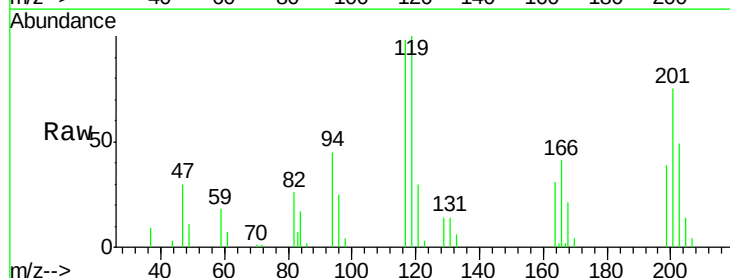
Acq: 28 Jan 2019 15:13

Tgt Ion: 117 Resp: 35900

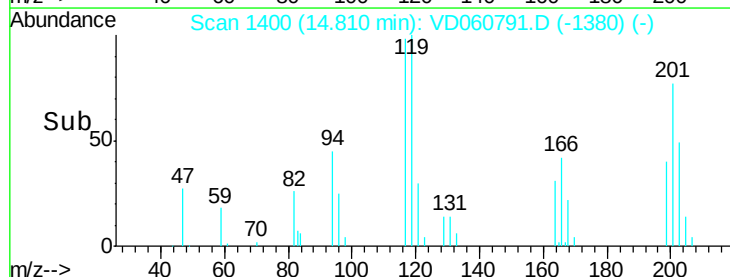
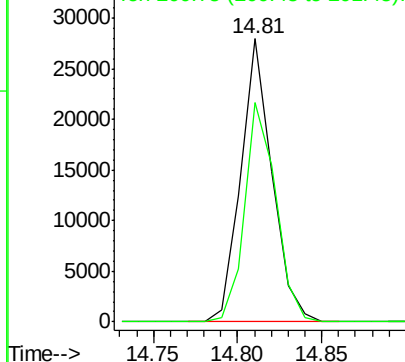
Ion Ratio Lower Upper

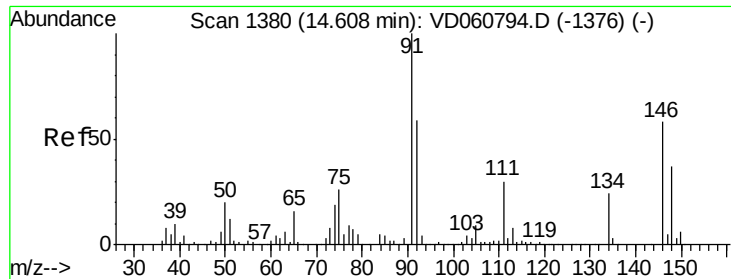
117 100

201 77.3 43.0 128.8



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





#91

1,2-Dichlorobenzene

Concen: 5.945 ug/l

RT: 14.61 min Scan# 1380

Delta R.T. 0.01 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

Instrument :

MSVOA_D

ClientSampleId :

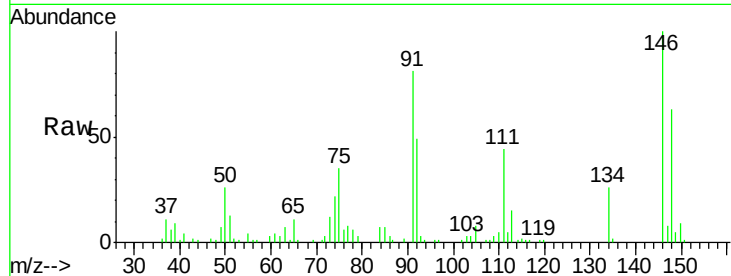
Tgt Ion:146 Resp: 58193

Ion Ratio Lower Upper

146 100

111 43.8 25.6 76.8

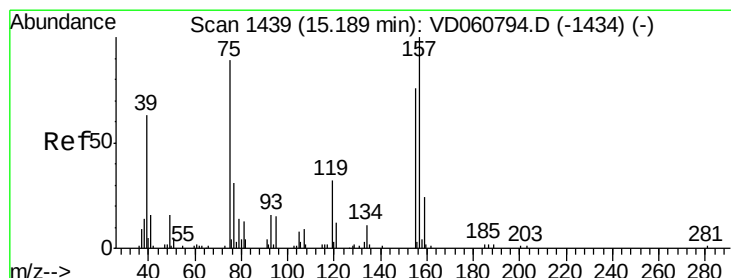
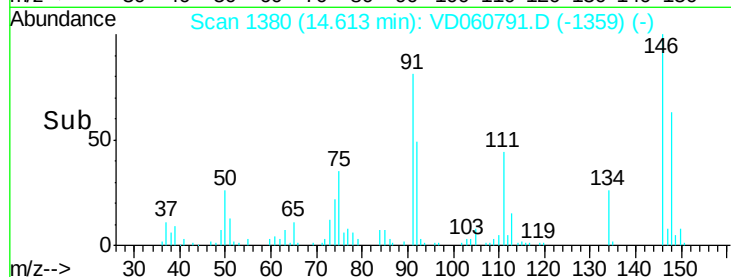
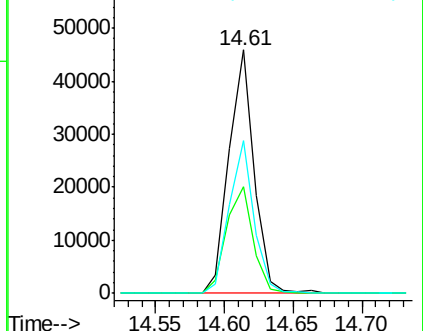
148 63.0 31.4 94.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.754 ug/l

RT: 15.18 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VD060791.D

Acq: 28 Jan 2019 15:13

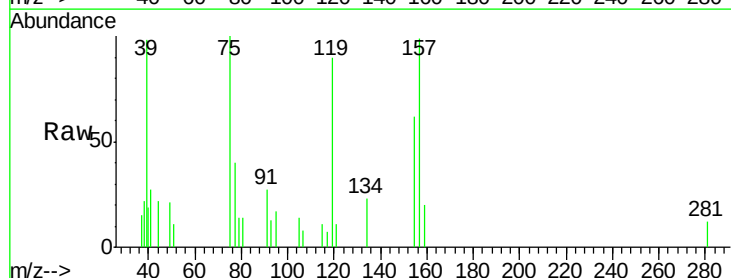
Tgt Ion: 75 Resp: 5274

Ion Ratio Lower Upper

75 100

155 61.8 43.0 129.0

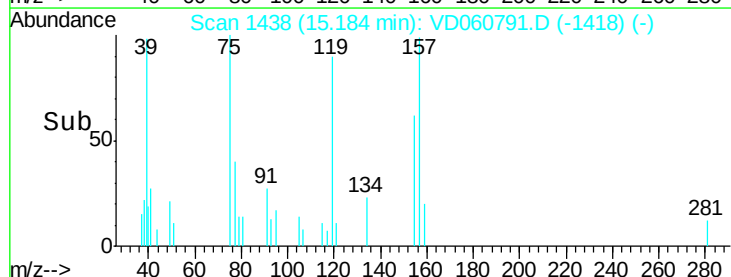
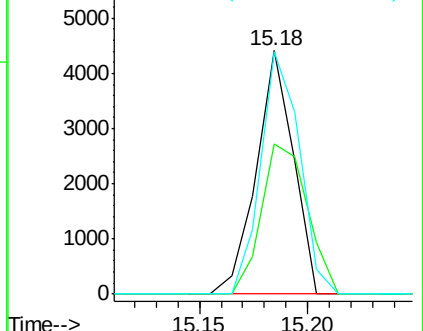
157 99.4 56.3 168.9

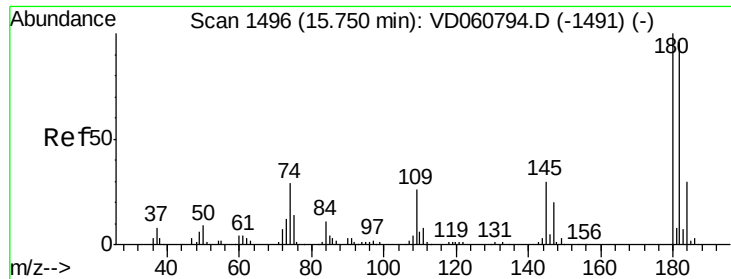


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

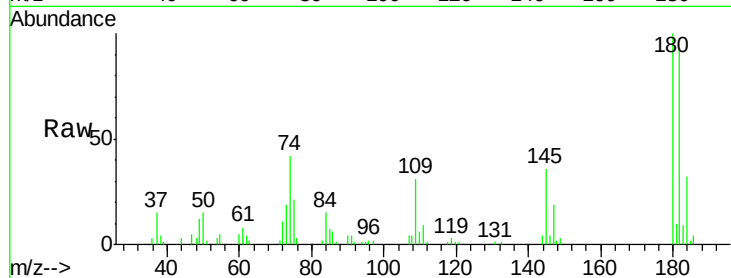




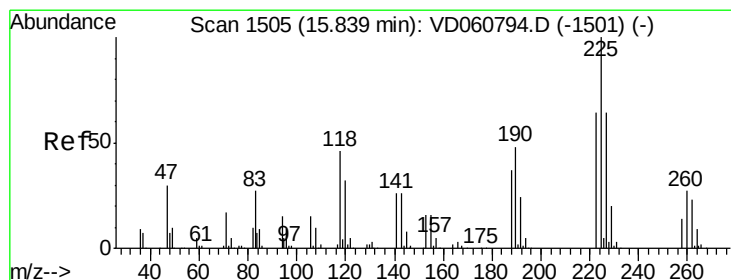
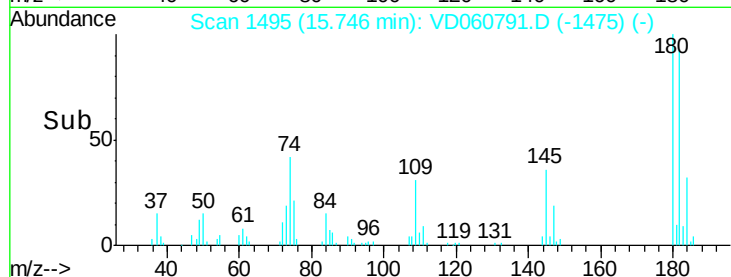
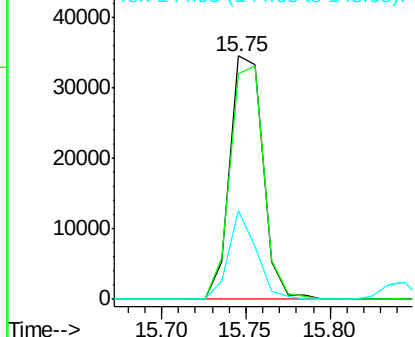
#93
1,2,4-Trichlorobenzene
Concen: 5.552 ug/l
RT: 15.75 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:180 Resp: 47058
Ion Ratio Lower Upper
180 100
182 92.9 47.9 143.7
145 36.2 15.0 45.1

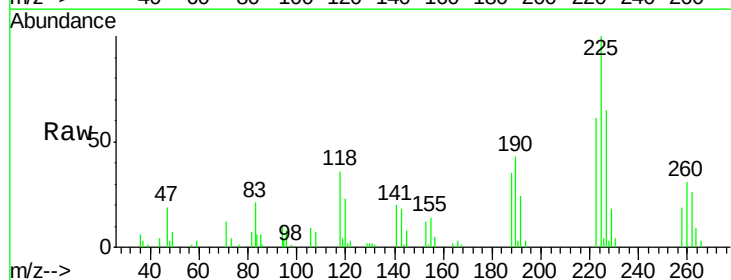


Abundance Ion 179.85 (179.55 to 180.55): V
Ion 181.85 (181.55 to 182.55): V
Ion 144.95 (144.65 to 145.65): V

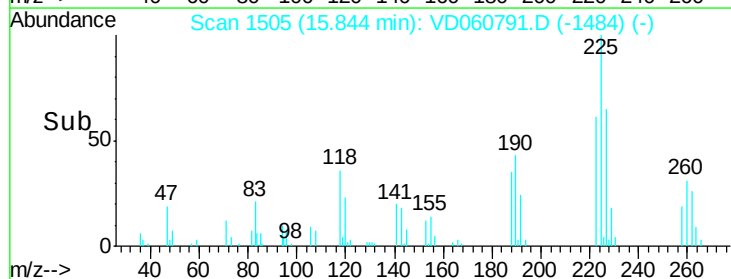
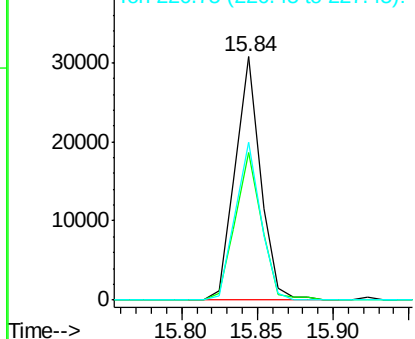


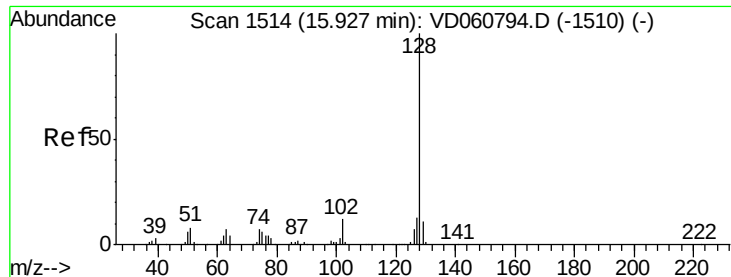
#94
Hexachlorobutadiene
Concen: 5.627 ug/l
RT: 15.84 min Scan# 1505
Delta R.T. 0.01 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Tgt Ion:225 Resp: 35785
Ion Ratio Lower Upper
225 100
223 60.5 31.8 95.4
227 64.8 31.9 95.5



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

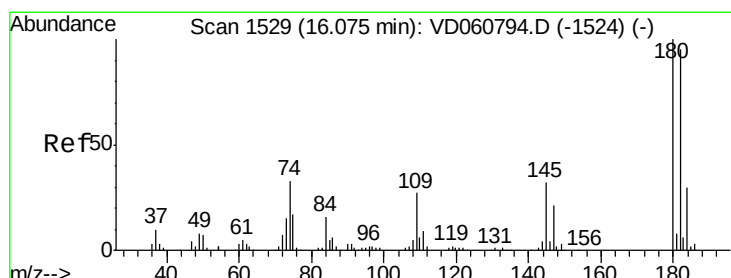
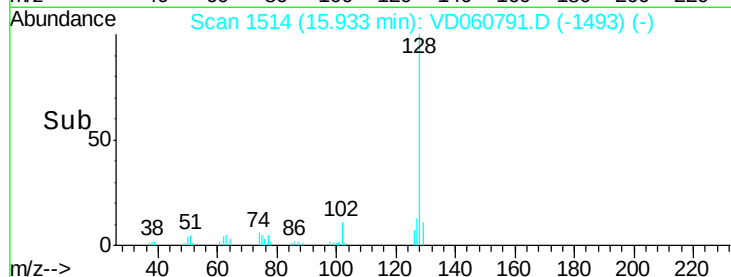
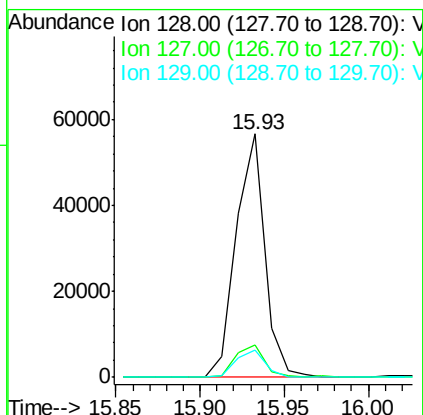
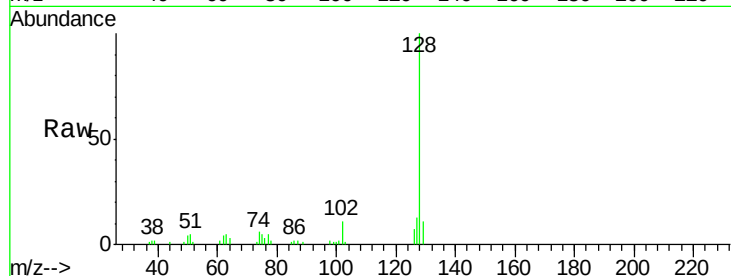




#95
Naphthalene
Concen: 5.149 ug/l
RT: 15.93 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 67050
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 11.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 5.423 ug/l
RT: 16.08 min Scan# 1529
Delta R.T. 0.01 min
Lab File: VD060791.D
Acq: 28 Jan 2019 15:13

Tgt Ion:180 Resp: 39968
Ion Ratio Lower Upper
180 100
182 109.3 47.4 142.3
145 26.5 15.8 47.4

