

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012819\
 Data File : VD060796.D
 Acq On : 28 Jan 2019 17:35
 Operator : JC/SY
 Sample : VSTDICC100
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 29 13:01:04 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	6.80	168	637137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.98	114	865179	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.16	117	684219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.32	152	340033	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.21	65	910017	93.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.32%	
35) Dibromofluoromethane	6.68	113	794195	95.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.44%	
50) Toluene-d8	10.19	98	1747103	90.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	180.34%	
62) 4-Bromofluorobenzene	13.35	95	908384	93.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.56%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.59	85	805457	103.976	ug/l	99
3) Chloromethane	1.76	50	448831	96.773	ug/l	94
4) Vinyl Chloride	1.84	62	500964	101.759	ug/l	94
5) Bromomethane	2.13	94	116610	70.539	ug/l	96
6) Chloroethane	2.24	64	146685	82.783	ug/l #	86
7) Trichlorofluoromethane	2.48	101	890138	91.852	ug/l	99
8) Diethyl Ether	2.80	74	137645	96.390	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.06	101	454352	92.512	ug/l	95
10) Methyl Iodide	3.21	142	536483	104.335	ug/l	96
11) Tert butyl alcohol	3.93	59	222837	477.377	ug/l #	92
12) 1,1-Dichloroethene	3.04	96	313224	93.328	ug/l	95
13) Acrolein	2.96	56	74411	392.647	ug/l	95
14) Allyl chloride	3.50	41	739421	94.672	ug/l	98
15) Acrylonitrile	4.04	53	468906	448.322	ug/l	98
16) Acetone	3.13	43	643764	458.062	ug/l	100
17) Carbon Disulfide	3.28	76	1104872	92.937	ug/l	99
18) Methyl Acetate	3.52	43	267005	95.469	ug/l	96
19) Methyl tert-butyl Ether	4.08	73	1454316	94.915	ug/l	98
20) Methylene Chloride	3.68	84	576342	80.143	ug/l	98
21) trans-1,2-Dichloroethene	4.05	96	528376	89.307	ug/l	98
22) Diisopropyl ether	4.90	45	1871805	93.003	ug/l	89
23) Vinyl Acetate	4.83	43	5548974	478.765	ug/l	99
24) 1,1-Dichloroethane	4.77	63	1302367	98.847	ug/l	99
25) 2-Butanone	5.84	43	880843	487.796	ug/l	99
26) 2,2-Dichloropropane	5.78	77	1250801	90.098	ug/l	97
27) cis-1,2-Dichloroethene	5.80	96	607420	90.143	ug/l	93
28) Bromochloromethane	6.20	49	480975	93.578	ug/l	94
29) Tetrahydrofuran	6.23	42	414041	477.466	ug/l	96
30) Chloroform	6.42	83	1509166	96.911	ug/l	97
31) Cyclohexane	6.72	56	854908	95.366	ug/l	100
32) 1,1,1-Trichloroethane	6.63	97	1418627	94.597	ug/l	97
36) 1,1-Dichloropropene	6.90	75	954956	92.444	ug/l	97
37) Ethyl Acetate	5.94	43	459265	99.596	ug/l	96
38) Carbon Tetrachloride	6.87	117	1336101	103.145	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.63	83	847380	97.953	ug/l	98
40) Benzene	7.21	78	2022691	99.210	ug/l	100
41) Methacrylonitrile	6.22	41	558509	184.190	ug/l	95
42) 1,2-Dichloroethane	7.34	62	1188787	100.369	ug/l	100
43) Isopropyl Acetate	9.00	43	636452	105.823	ug/l #	96
44) Trichloroethene	8.30	130	689991	99.832	ug/l	99
45) 1,2-Dichloropropane	8.71	63	542444	98.286	ug/l	100
46) Dibromomethane	8.82	93	435184	101.574	ug/l	96
47) Bromodichloromethane	9.14	83	1158620	100.188	ug/l	98
48) Methyl methacrylate	8.89	41	422712	101.922	ug/l	96
49) 1,4-Dioxane	8.85	88	71907	2236.273	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	1897406	487.163	ug/l	100
52) Toluene	10.29	92	1156264	89.407	ug/l	97
53) t-1,3-Dichloropropene	10.69	75	1024656	100.730	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	1036792	99.392	ug/l	99
55) 1,1,2-Trichloroethane	10.97	97	420296	95.321	ug/l	98
56) Ethyl methacrylate	10.82	69	524390	98.175	ug/l	96
57) 1,3-Dichloropropane	11.19	76	758344	100.633	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.63	63	1322184	471.771	ug/l	98
59) 2-Hexanone	11.32	43	1414220	482.914	ug/l	97
60) Dibromochloromethane	11.47	129	800754	101.016	ug/l	97
61) 1,2-Dibromoethane	11.59	107	527259	101.536	ug/l	98
64) Tetrachloroethene	11.04	164	593989	94.592	ug/l	99
65) Chlorobenzene	12.19	112	1401050	89.604	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.31	131	592299	88.170	ug/l	99
67) Ethyl Benzene	12.32	91	2359023	83.902	ug/l	98
68) m/p-Xylenes	12.47	106	1556776	170.186	ug/l	97
69) o-Xylene	12.85	106	796087	87.930	ug/l	99
70) Styrene	12.87	104	1338614	88.170	ug/l	98
71) Bromoform	13.03	173	508812	100.529	ug/l #	98
73) Isopropylbenzene	13.20	105	2450065	90.372	ug/l	99
74) N-amyl acetate	13.07	43	863108	103.557	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.50	83	489037	99.067	ug/l	98
76) 1,2,3-Trichloropropane	13.53	75	636773	102.122	ug/l	99
77) Bromobenzene	13.47	156	683832	98.123	ug/l	98
78) n-propylbenzene	13.58	91	3187671	93.662	ug/l	98
79) 2-Chlorotoluene	13.64	91	1929676	92.958	ug/l	92
80) 1,3,5-Trimethylbenzene	14.04	105	2140235	91.700	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.27	75	164814	101.385	ug/l	93
82) 4-Chlorotoluene	13.75	91	2104553	91.220	ug/l	91
83) tert-Butylbenzene	13.99	119	2197159	89.979	ug/l	96
84) 1,2,4-Trimethylbenzene	14.04	105	2140235	91.700	ug/l	99
85) sec-Butylbenzene	14.17	105	2561538	92.155	ug/l	99
86) p-Isopropyltoluene	14.30	119	2103266	93.200	ug/l	99
87) 1,3-Dichlorobenzene	14.26	146	1137052	91.219	ug/l	99
88) 1,4-Dichlorobenzene	14.34	146	1142399	94.324	ug/l	96
89) n-Butylbenzene	14.60	91	2015726	85.610	ug/l	99
90) Hexachloroethane	14.81	117	646974	96.339	ug/l	80
91) 1,2-Dichlorobenzene	14.61	146	885923	85.625	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.18	75	136462	116.358	ug/l	72

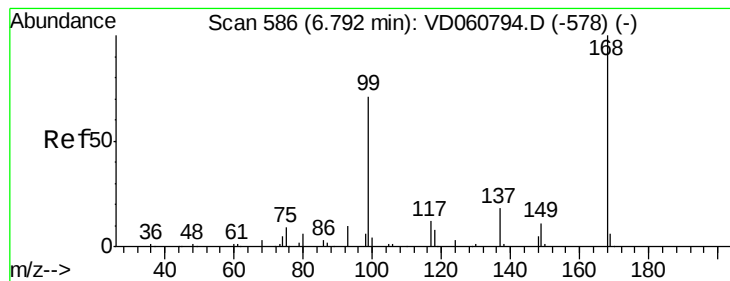
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.74	180	869153	97.016	ug/l	96
94) Hexachlorobutadiene	15.84	225	571753	85.059	ug/l	98
95) Naphthalene	15.93	128	1300806	94.502	ug/l	100
96) 1,2,3-Trichlorobenzene	16.08	180	714015	91.655	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.80 min Scan# 586

Delta R.T. 0.00 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

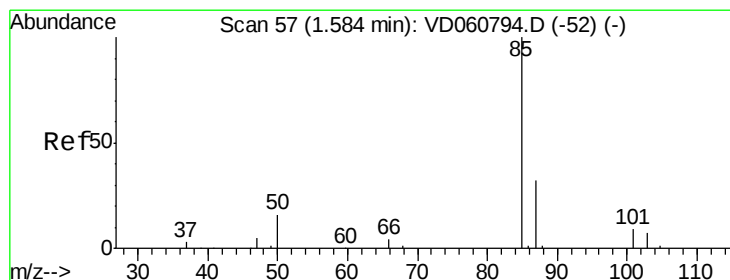
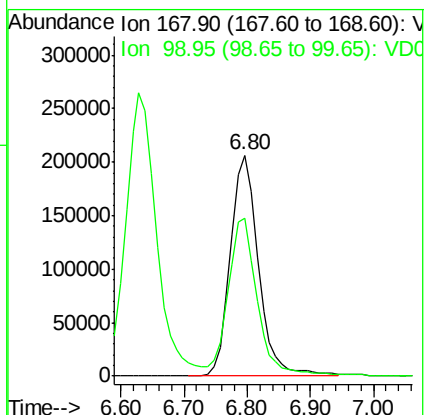
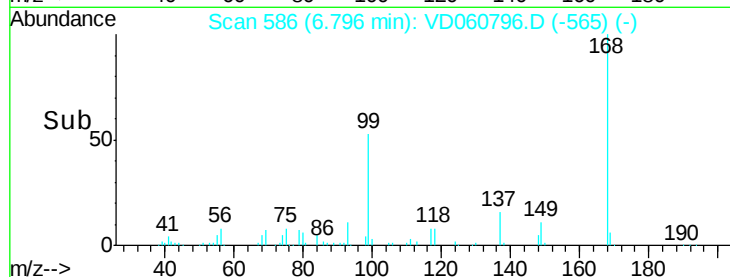
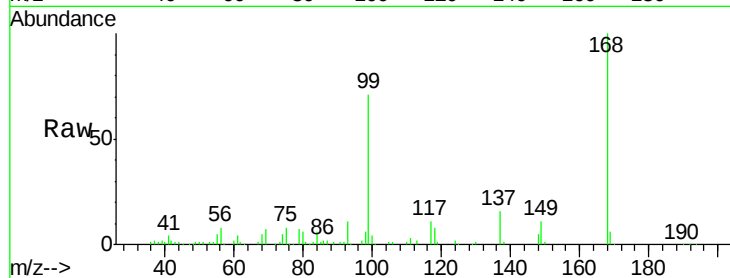
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 168 Resp: 637137

Ion Ratio Lower Upper

168 100

99 71.3 59.2 88.8



#2

Dichlorodifluoromethane

Concen: 103.976 ug/l

RT: 1.59 min Scan# 57

Delta R.T. 0.00 min

Lab File: VD060796.D

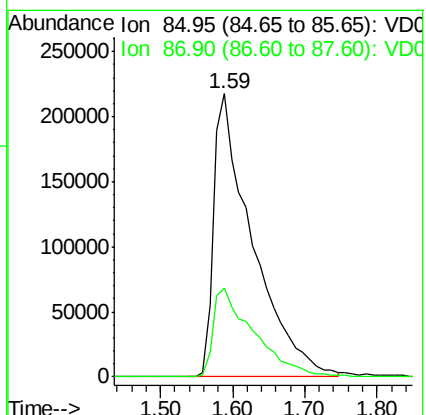
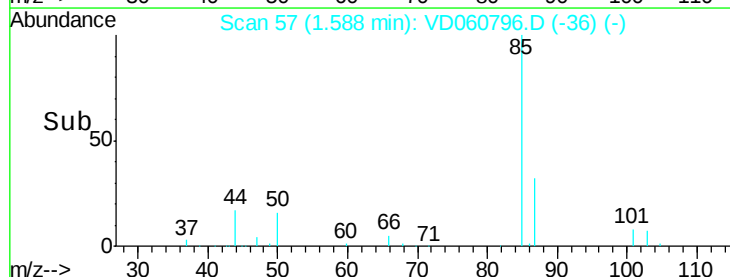
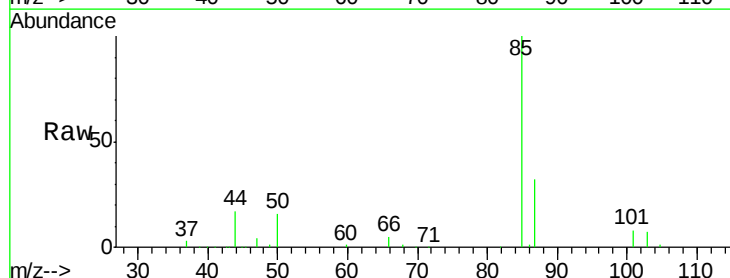
Acq: 28 Jan 2019 17:35

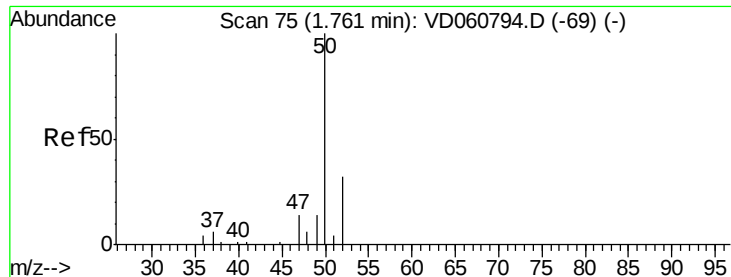
Tgt Ion: 85 Resp: 805457

Ion Ratio Lower Upper

85 100

87 31.5 16.2 48.5





#3

Chloromethane

Concen: 96.773 ug/l

RT: 1.76 min Scan# 74

Delta R.T. -0.01 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Instrument :

MSVOA_D

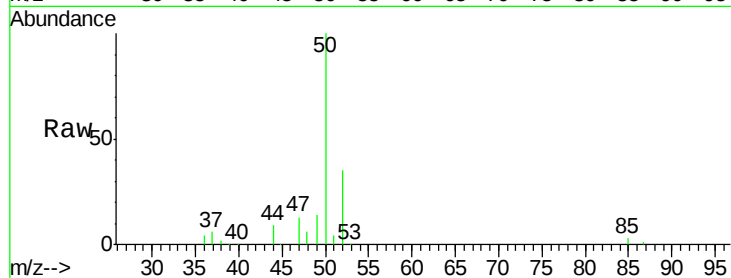
ClientSampled :

Tgt Ion: 50 Resp: 448831

Ion Ratio Lower Upper

50 100

52 34.9 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

1.76

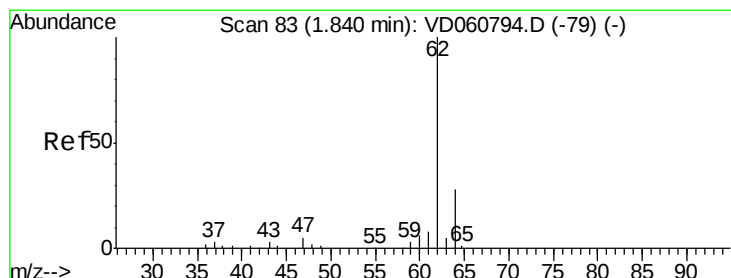
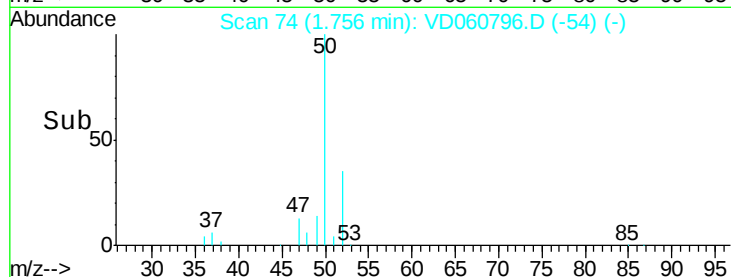
150000

100000

50000

0

Time--> 1.60 1.70 1.80 1.90 2.00



#4

Vinyl Chloride

Concen: 101.759 ug/l

RT: 1.84 min Scan# 83

Delta R.T. 0.00 min

Lab File: VD060796.D

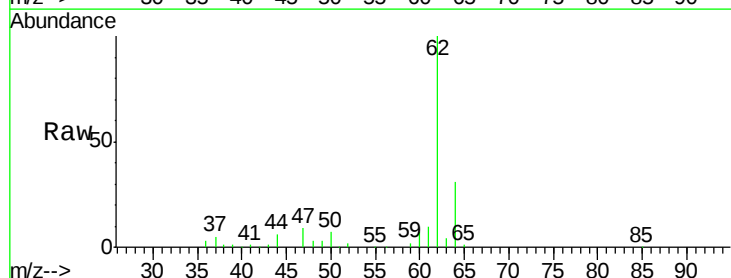
Acq: 28 Jan 2019 17:35

Tgt Ion: 62 Resp: 500964

Ion Ratio Lower Upper

62 100

64 30.5 22.1 33.1



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

1.84

200000

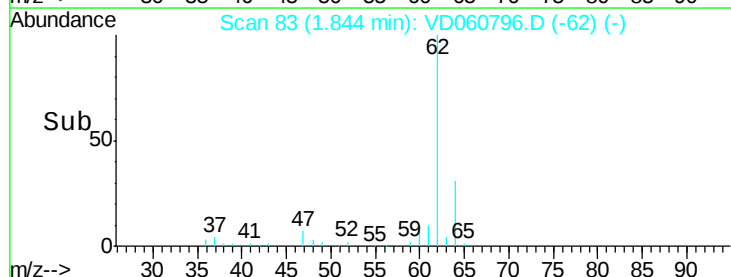
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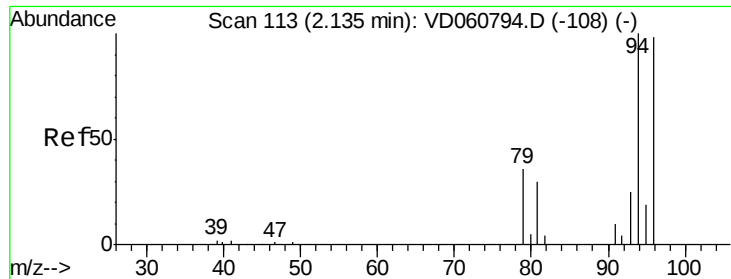
100000

50000

0

Time--> 1.70 1.80 1.90 2.00





#5

Bromomethane

Concen: 70.539 ug/l

RT: 2.13 min Scan# 112

Delta R.T. -0.01 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Instrument :

MSVOA_D

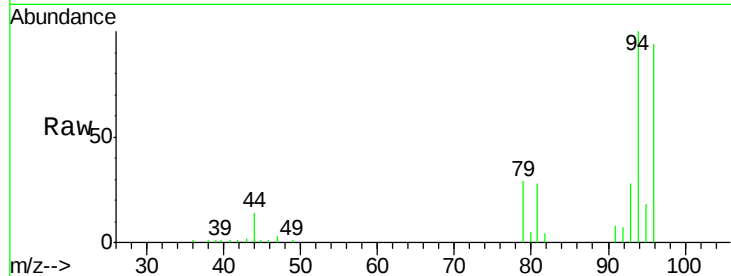
ClientSampleId :

Tgt Ion: 94 Resp: 116610

Ion Ratio Lower Upper

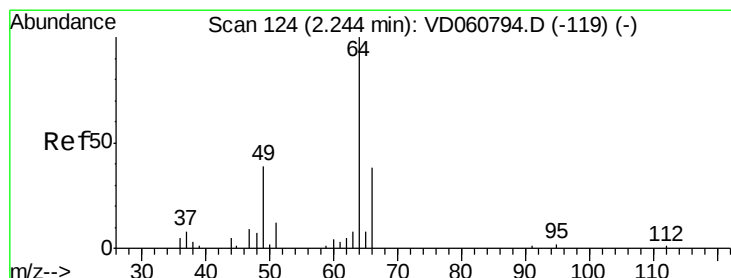
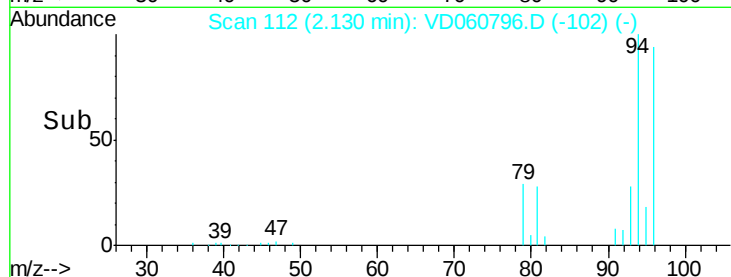
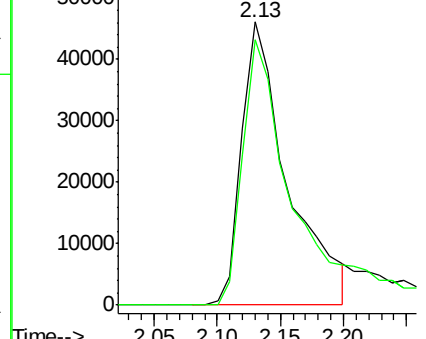
94 100

96 93.7 78.0 117.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 82.783 ug/l

RT: 2.24 min Scan# 123

Delta R.T. -0.01 min

Lab File: VD060796.D

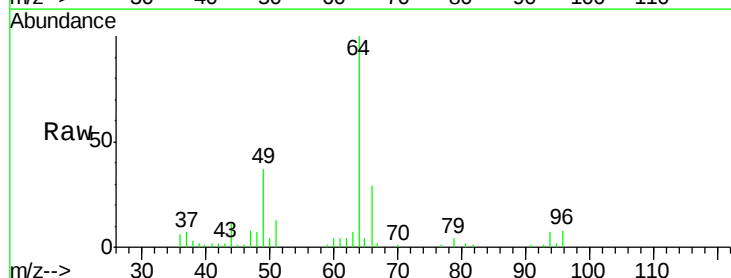
Acq: 28 Jan 2019 17:35

Tgt Ion: 64 Resp: 146685

Ion Ratio Lower Upper

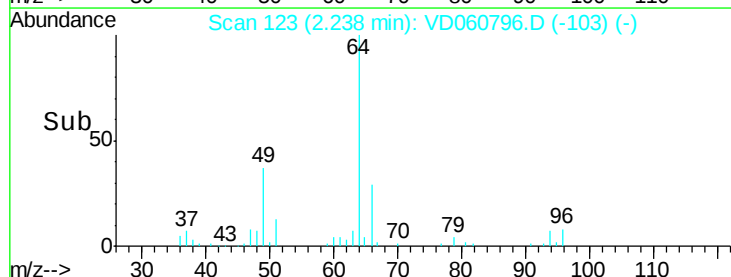
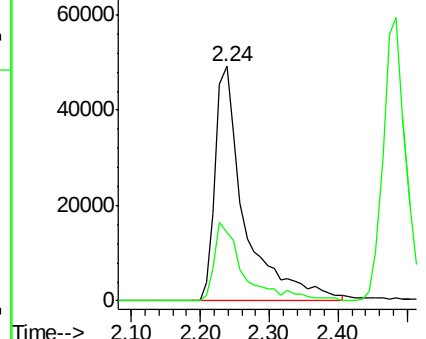
64 100

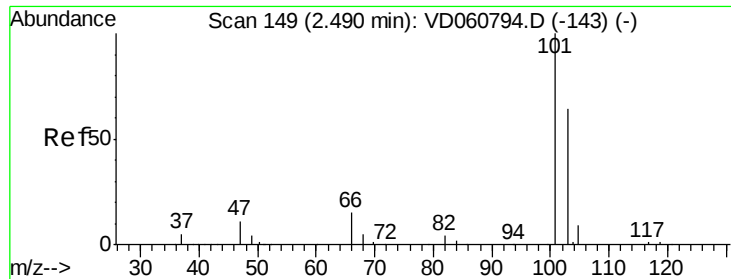
66 29.4 30.2 45.4#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



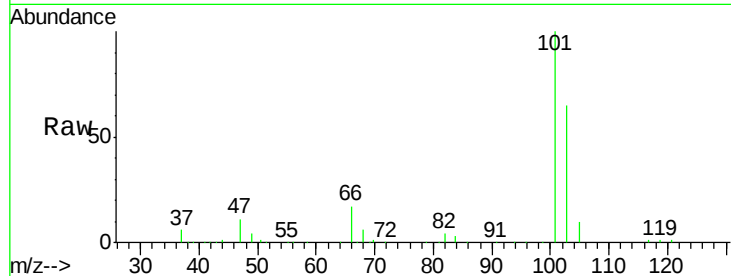


#7

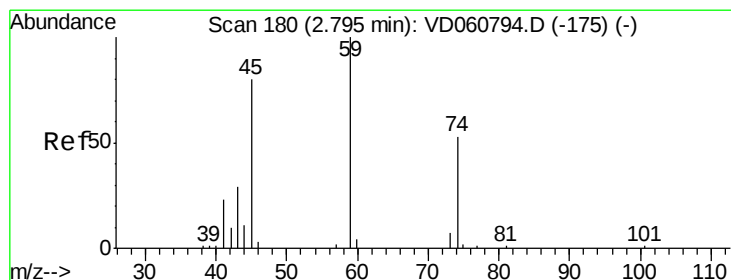
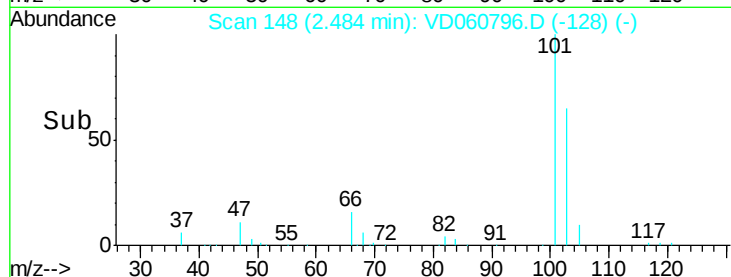
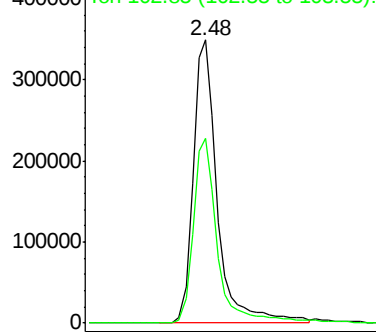
Trichlorofluoromethane
Concen: 91.852 ug/l
RT: 2.48 min Scan# 148
Delta R.T. -0.01 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 101 Resp: 890138
Ion Ratio Lower Upper
101 100
103 65.1 51.3 76.9



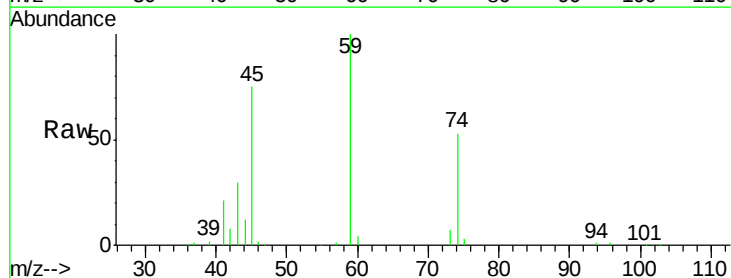
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



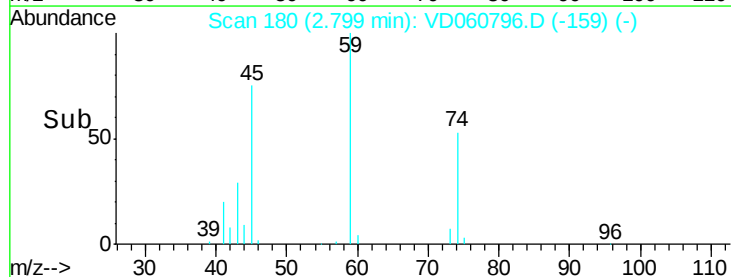
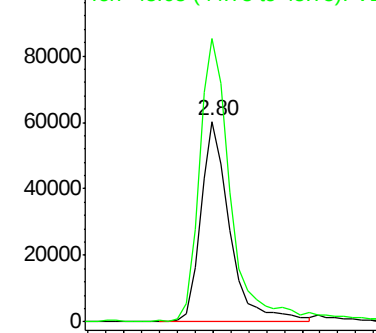
#8

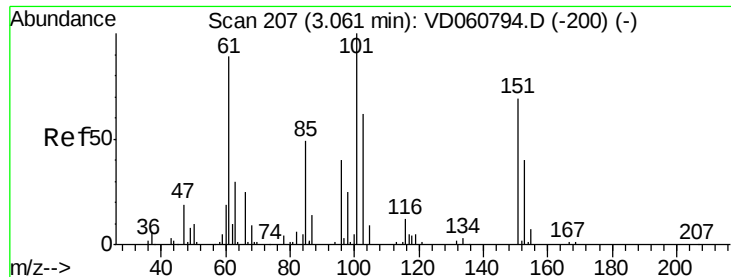
Diethyl Ether
Concen: 96.390 ug/l
RT: 2.80 min Scan# 180
Delta R.T. 0.00 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

Tgt Ion: 74 Resp: 137645
Ion Ratio Lower Upper
74 100
45 141.0 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: 92.512 ug/l

RT: 3.06 min Scan# 206

Delta R.T. -0.01 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Instrument :

MSVOA_D

ClientSampleId :

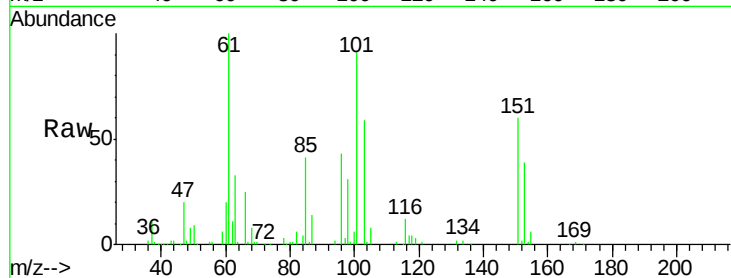
Tgt Ion:101 Resp: 454352

Ion Ratio Lower Upper

101 100

85 44.8 39.3 58.9

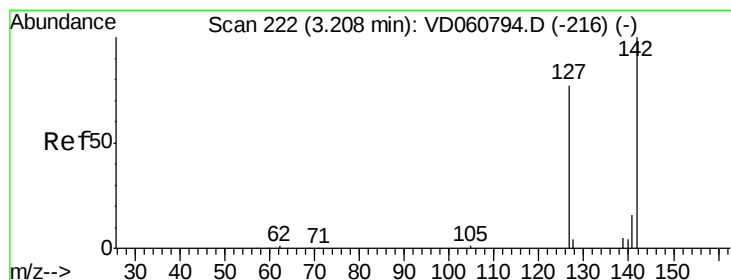
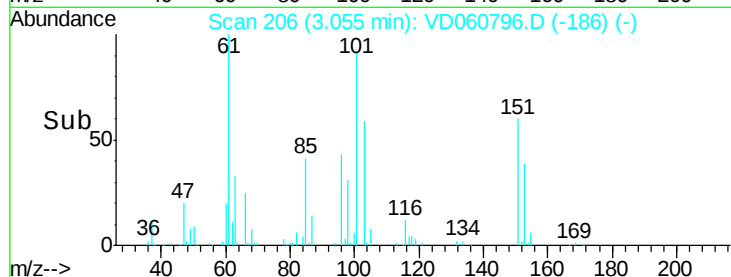
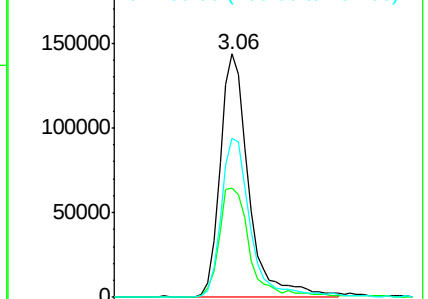
151 65.4 55.1 82.7



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: 104.335 ug/l

RT: 3.21 min Scan# 222

Delta R.T. 0.00 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

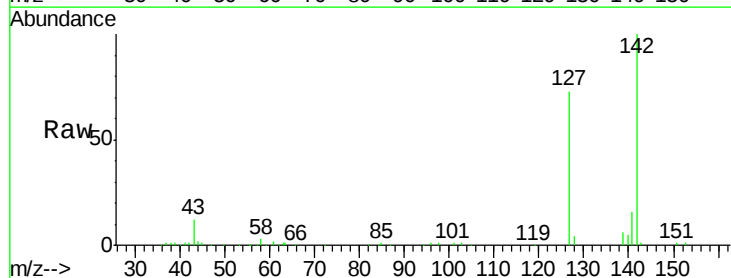
Tgt Ion:142 Resp: 536483

Ion Ratio Lower Upper

142 100

127 73.3 61.6 92.4

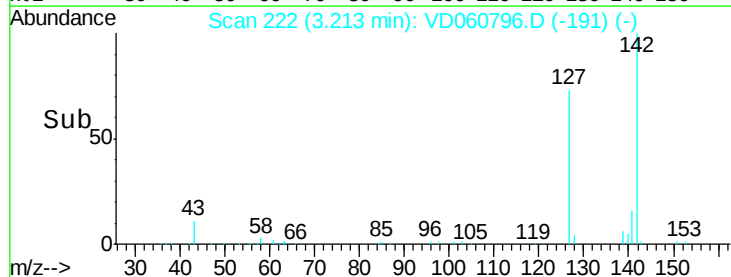
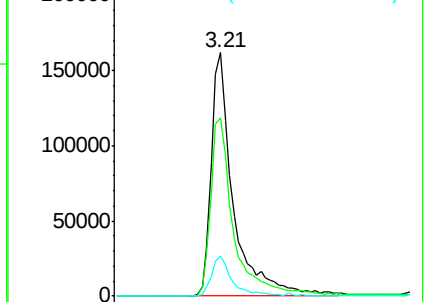
141 16.2 12.5 18.7

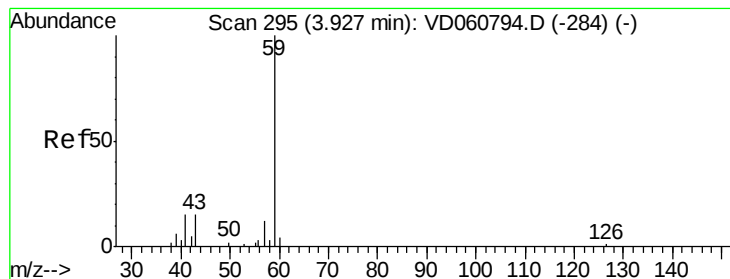


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



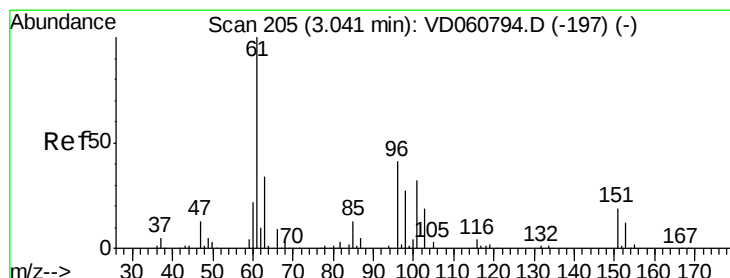
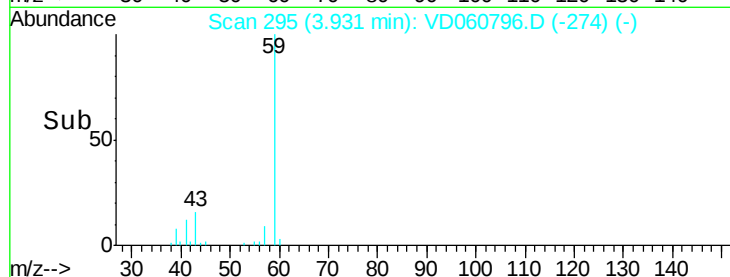
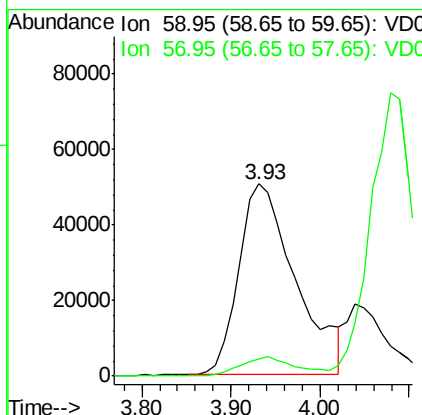
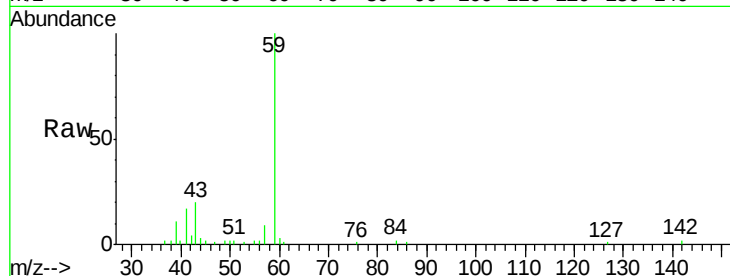


#11

Tert butyl alcohol
 Concen: 477.377 ug/l
 RT: 3.93 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VD060796.D
 Acq: 28 Jan 2019 17:35

Instrument :
 MSVOA_D
 ClientSampleId :

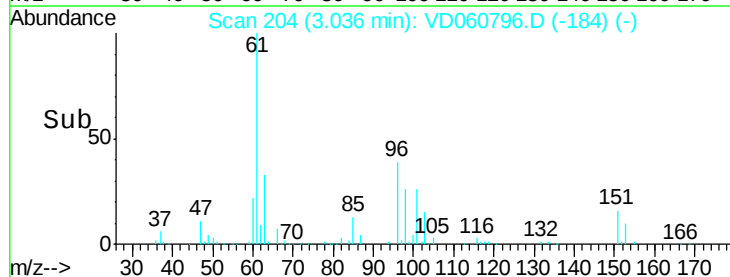
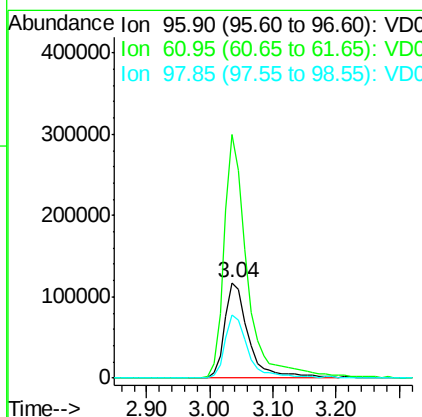
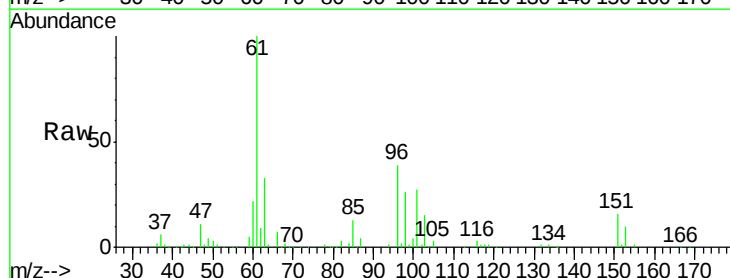
Tgt Ion: 59 Resp: 222837
 Ion Ratio Lower Upper
 59 100
 57 9.1 9.8 14.6#

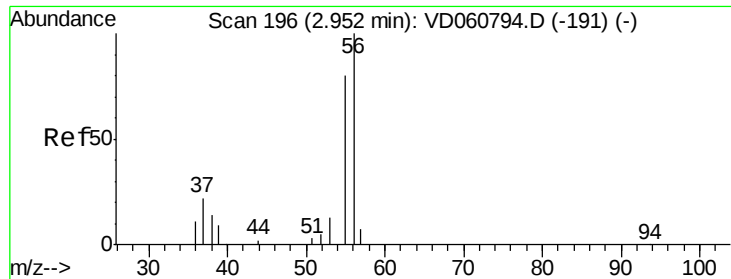


#12

1,1-Dichloroethene
 Concen: 93.328 ug/l
 RT: 3.04 min Scan# 204
 Delta R.T. -0.01 min
 Lab File: VD060796.D
 Acq: 28 Jan 2019 17:35

Tgt Ion: 96 Resp: 313224
 Ion Ratio Lower Upper
 96 100
 61 254.7 195.1 292.7
 98 66.6 52.5 78.7

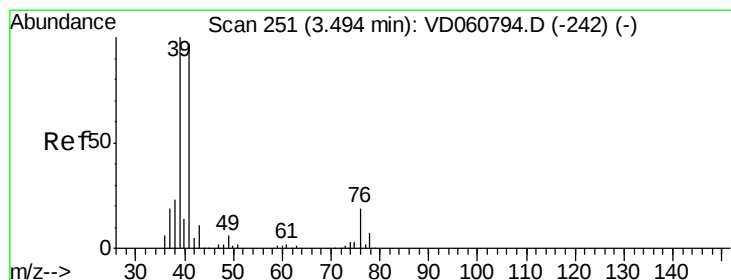
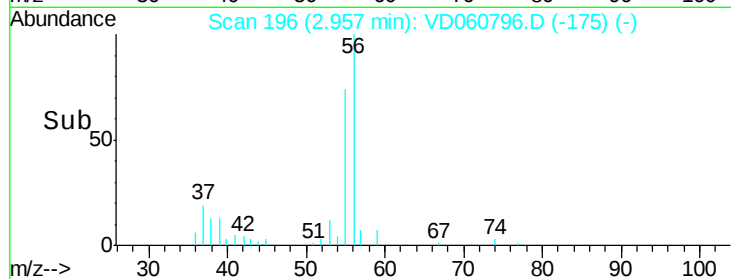
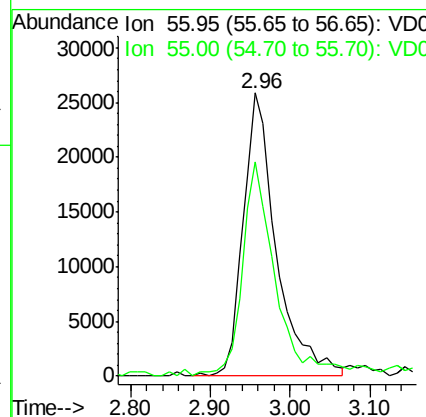
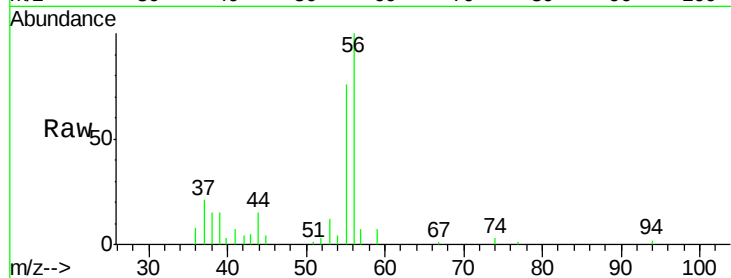




#13
 Acrolein
 Concen: 392.647 ug/l
 RT: 2.96 min Scan# 196
 Delta R.T. 0.00 min
 Lab File: VD060796.D
 Acq: 28 Jan 2019 17:35

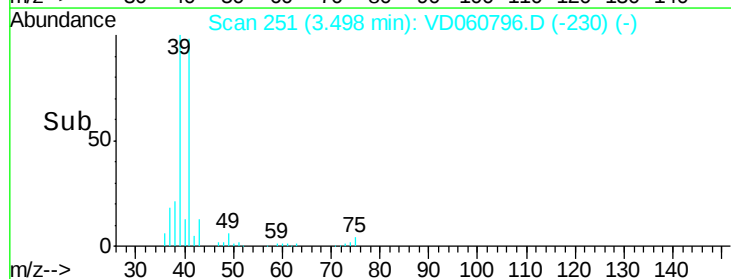
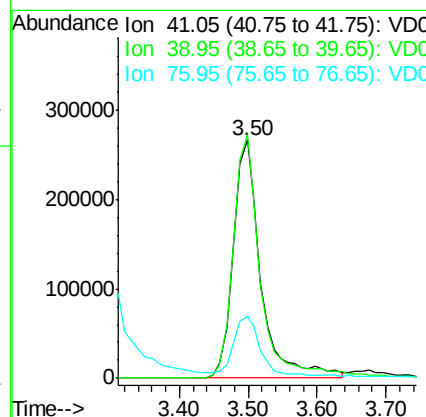
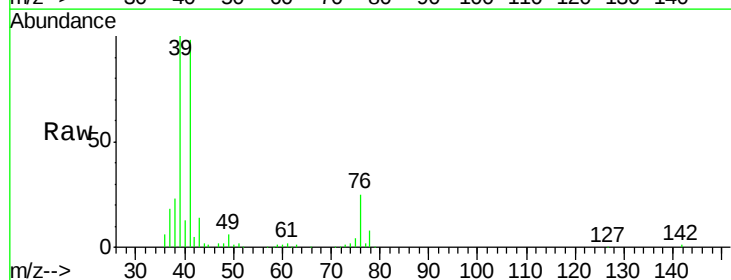
Instrument :
 MSVOA_D
 ClientSampleId :

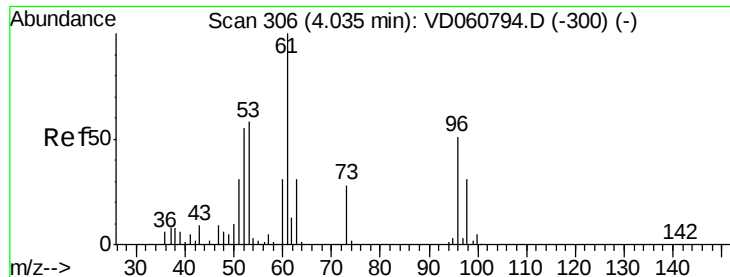
Tgt Ion: 56 Resp: 74411
 Ion Ratio Lower Upper
 56 100
 55 75.7 64.2 96.2



#14
 Allyl chloride
 Concen: 94.672 ug/l
 RT: 3.50 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: VD060796.D
 Acq: 28 Jan 2019 17:35

Tgt Ion: 41 Resp: 739421
 Ion Ratio Lower Upper
 41 100
 39 102.1 82.6 123.8
 76 25.7 18.9 28.3





#15

Acrylonitrile

Concen: 448.322 ug/l

RT: 4.04 min Scan# 306

Delta R.T. 0.00 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Instrument :
MSVOA_D
ClientSampleId :

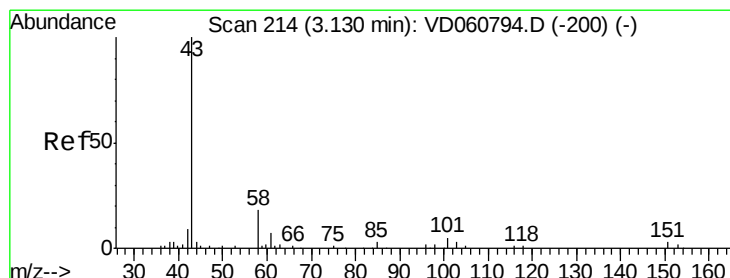
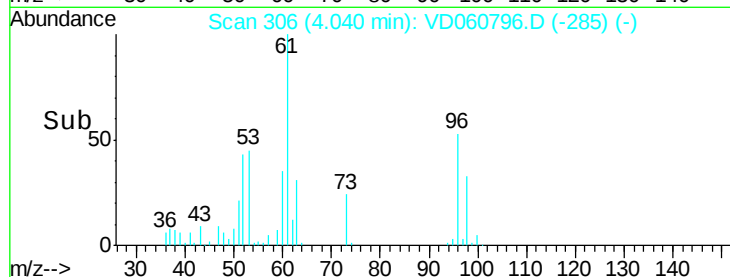
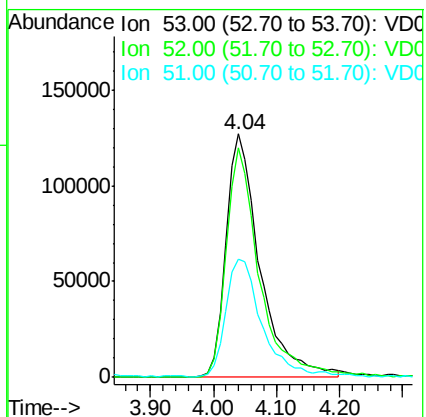
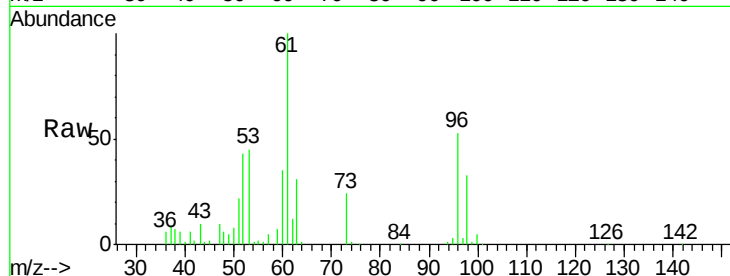
Tgt Ion: 53 Resp: 468906

Ion Ratio Lower Upper

53 100

52 94.1 75.4 113.2

51 48.8 42.5 63.7



#16

Acetone

Concen: 458.062 ug/l

RT: 3.13 min Scan# 214

Delta R.T. 0.00 min

Lab File: VD060796.D

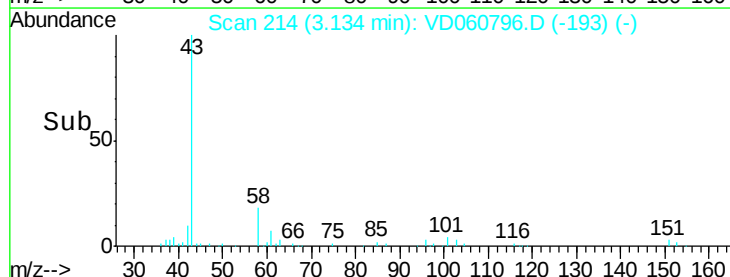
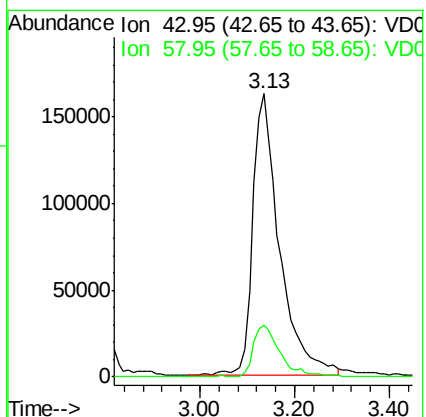
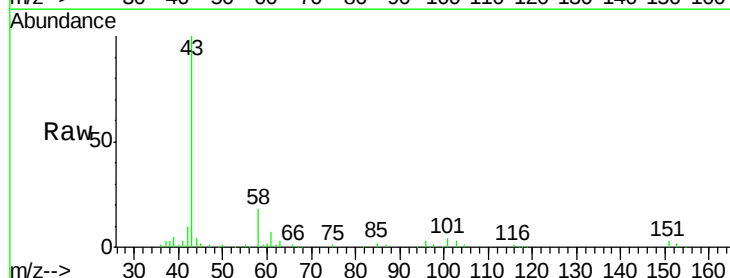
Acq: 28 Jan 2019 17:35

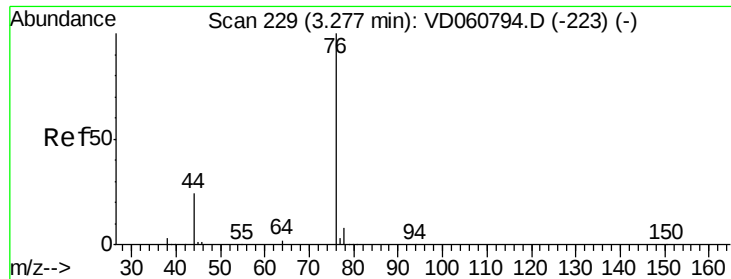
Tgt Ion: 43 Resp: 643764

Ion Ratio Lower Upper

43 100

58 18.2 14.5 21.7

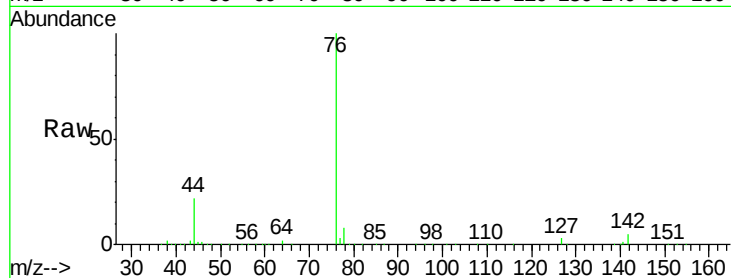




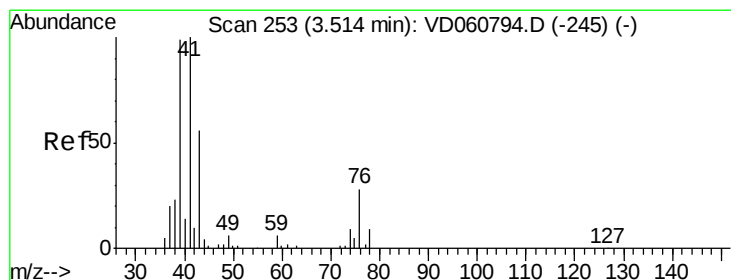
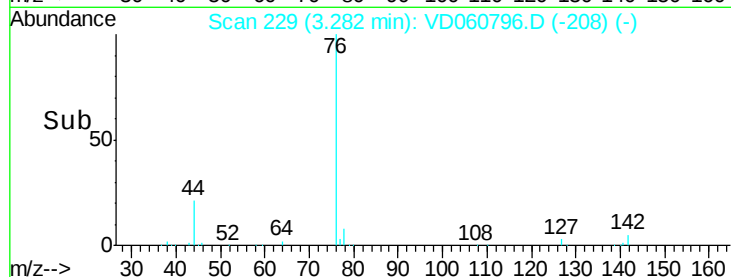
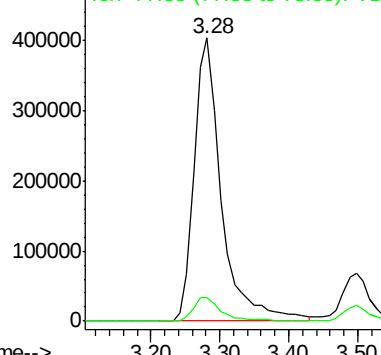
#17
Carbon Disulfide
Concen: 92.937 ug/l
RT: 3.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 76 Resp: 1104872
Ion Ratio Lower Upper
76 100
78 8.5 6.5 9.7

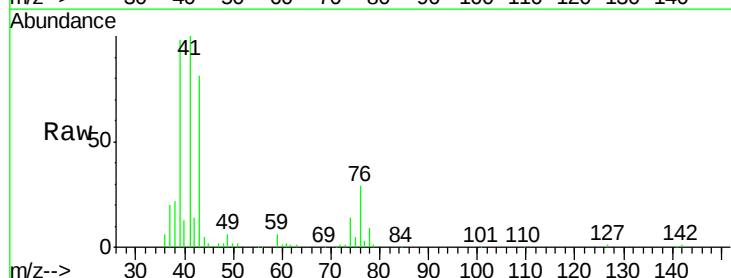


Abundance Ion 75.85 (75.55 to 76.55): VDC
Ion 77.85 (77.55 to 78.55): VDC

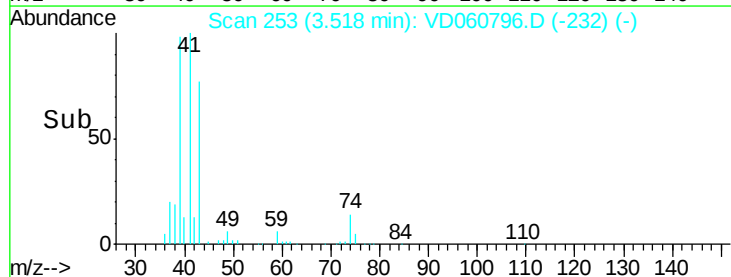
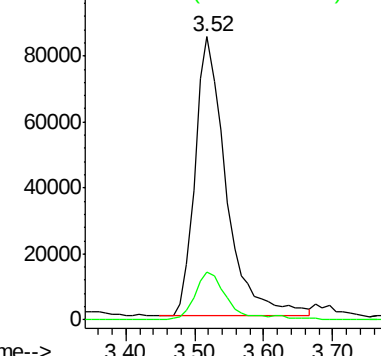


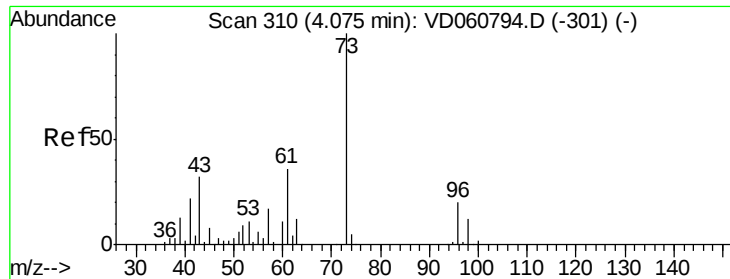
#18
Methyl Acetate
Concen: 95.469 ug/l
RT: 3.52 min Scan# 253
Delta R.T. 0.00 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

Tgt Ion: 43 Resp: 267005
Ion Ratio Lower Upper
43 100
74 17.1 12.5 18.7



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



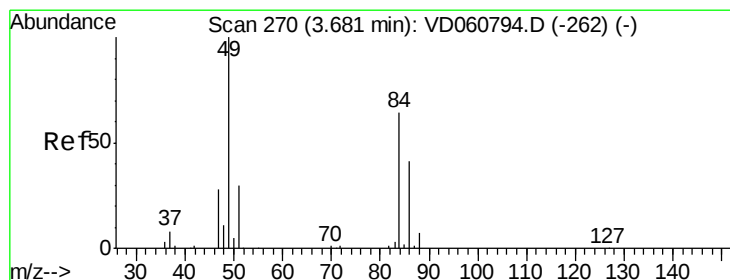
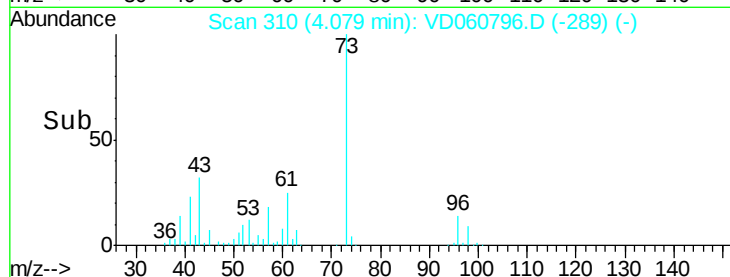
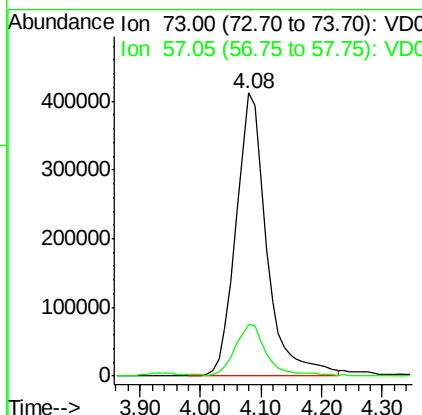
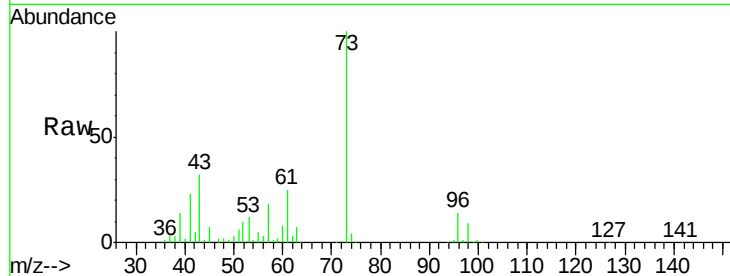


#19

Methyl tert-butyl Ether
 Concen: 94.915 ug/l
 RT: 4.08 min Scan# 310
 Delta R.T. 0.00 min
 Lab File: VD060796.D
 Acq: 28 Jan 2019 17:35

Instrument :
 MSVOA_D
 ClientSampleId :

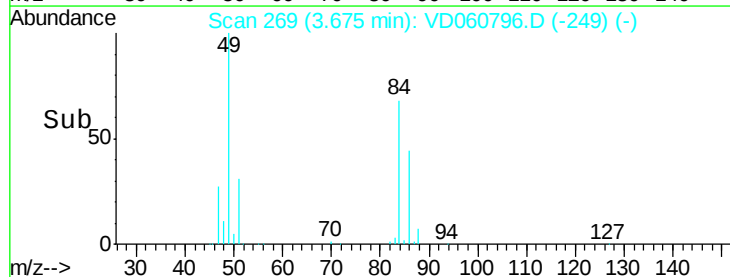
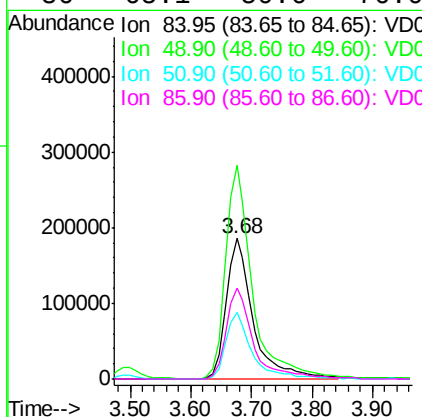
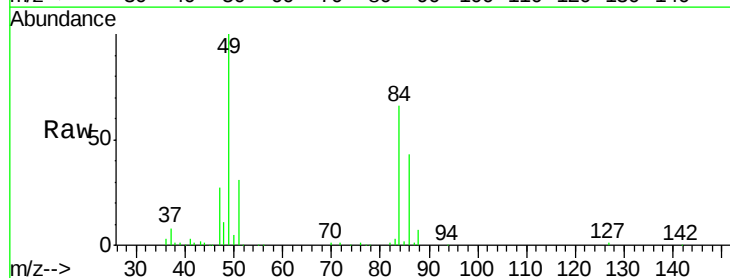
Tgt Ion: 73 Resp: 1454316
 Ion Ratio Lower Upper
 73 100
 57 18.2 14.0 21.0

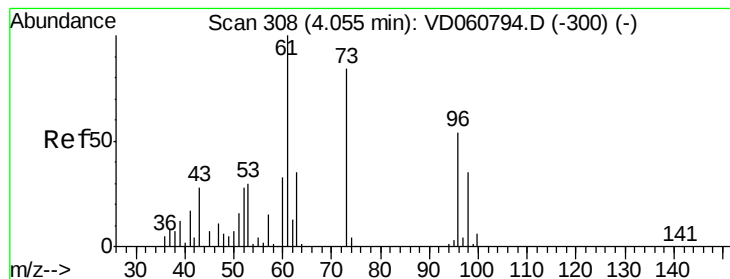


#20

Methylene Chloride
 Concen: 80.143 ug/l
 RT: 3.68 min Scan# 269
 Delta R.T. -0.01 min
 Lab File: VD060796.D
 Acq: 28 Jan 2019 17:35

Tgt Ion: 84 Resp: 576342
 Ion Ratio Lower Upper
 84 100
 49 152.1 124.2 186.2
 51 47.7 38.1 57.1
 86 65.1 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 89.307 ug/l

RT: 4.05 min Scan# 307

Delta R.T. -0.01 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Instrument :

MSVOA_D

ClientSampleId :

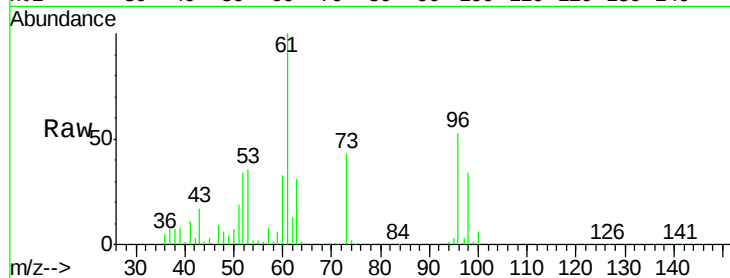
Tgt Ion: 96 Resp: 528376

Ion Ratio Lower Upper

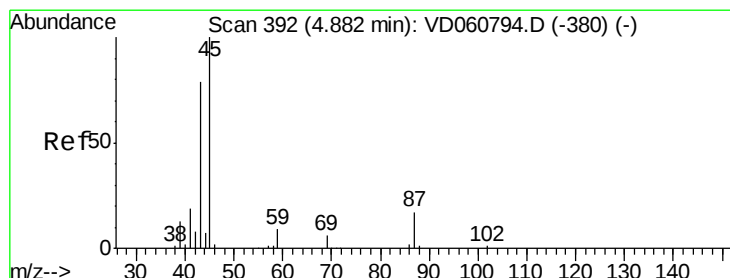
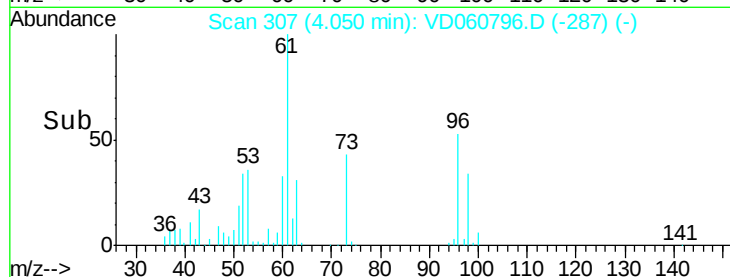
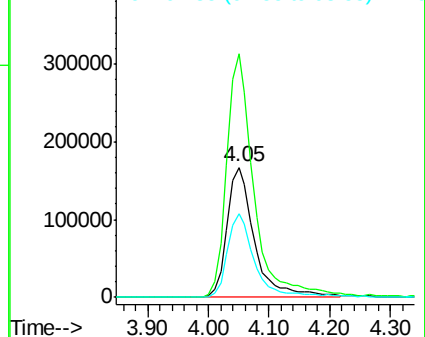
96 100

61 187.0 147.4 221.2

98 64.1 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: 93.003 ug/l

RT: 4.90 min Scan# 393

Delta R.T. 0.01 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Tgt Ion: 45 Resp: 1871805

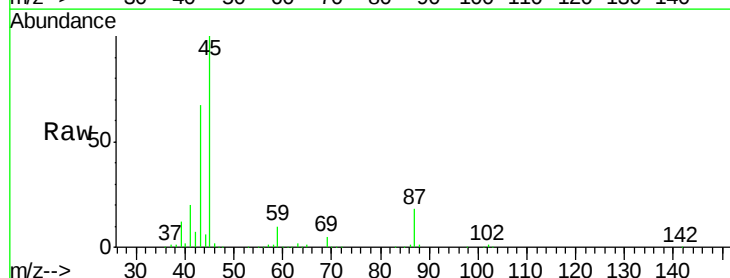
Ion Ratio Lower Upper

45 100

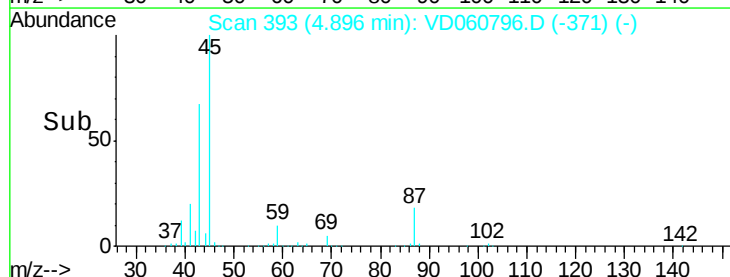
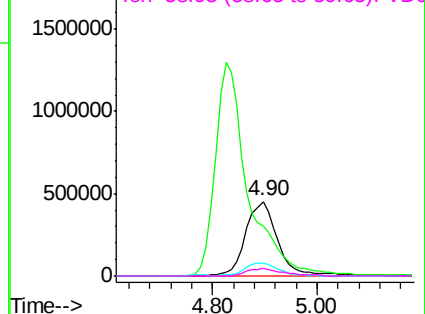
43 67.1 64.3 96.5

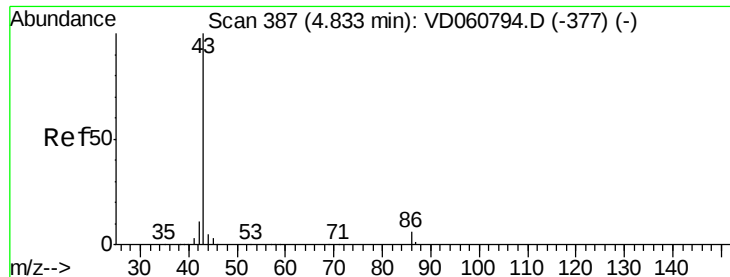
87 17.7 14.3 21.5

59 9.7 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: 478.765 ug/l

RT: 4.83 min Scan# 386

Delta R.T. -0.01 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Instrument :

MSVOA_D

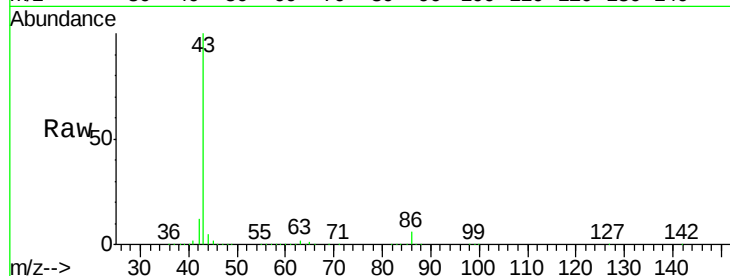
ClientSampled :

Tgt Ion: 43 Resp: 5548974

Ion Ratio Lower Upper

43 100

86 6.2 4.7 7.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC

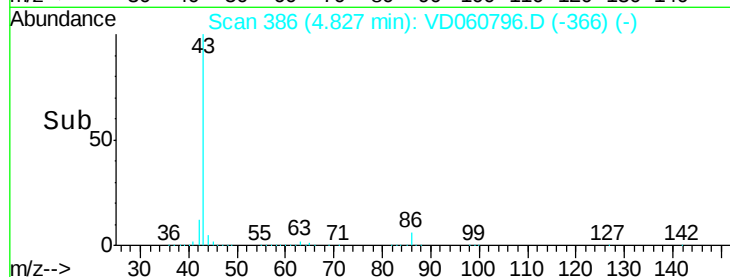
1500000

1000000

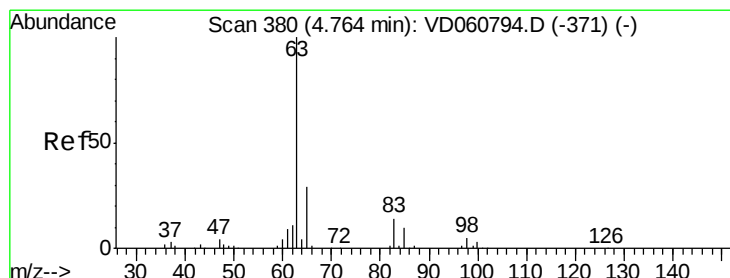
500000

0

Time-->



Time-->



#24

1,1-Dichloroethane

Concen: 98.847 ug/l

RT: 4.77 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

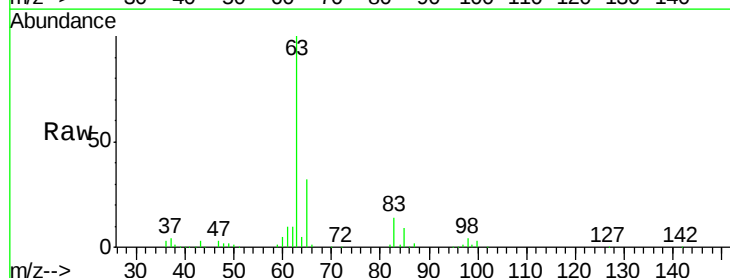
Tgt Ion: 63 Resp: 1302367

Ion Ratio Lower Upper

63 100

98 4.3 2.3 6.9

100 3.0 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

500000

400000

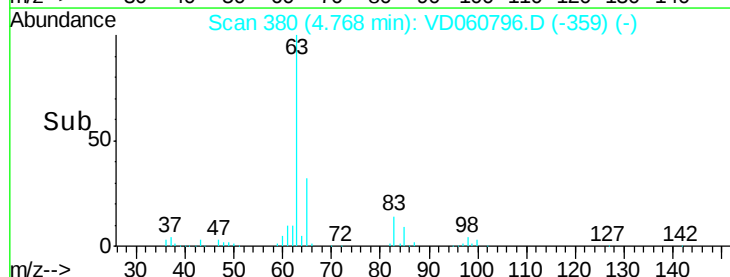
300000

200000

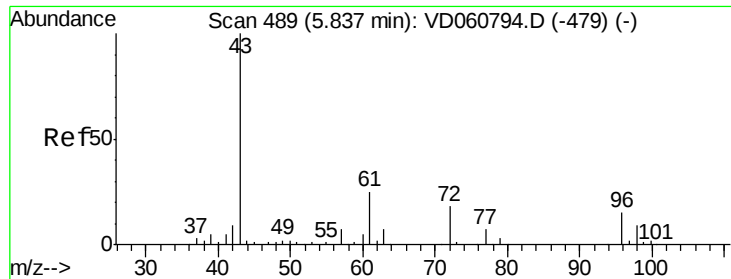
100000

0

Time-->



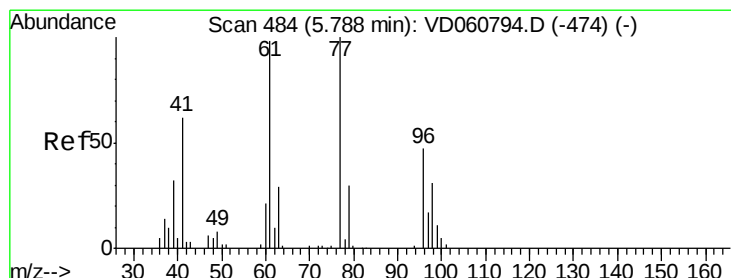
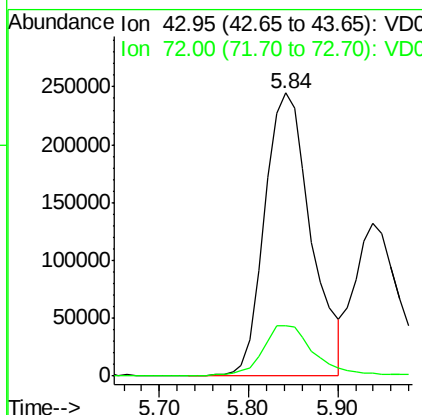
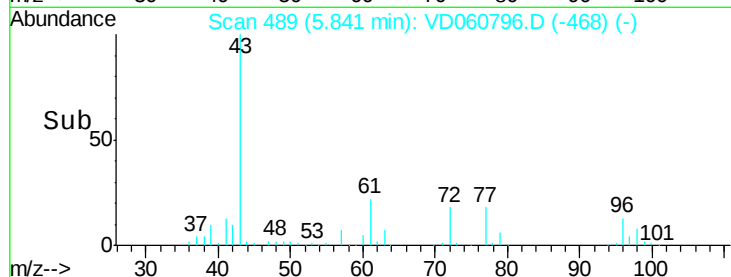
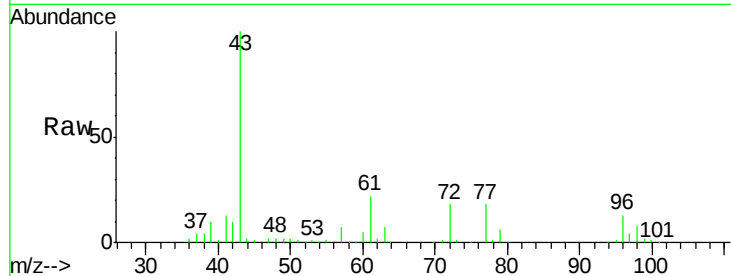
Time-->



#25
2-Butanone
Concen: 487.796 ug/l
RT: 5.84 min Scan# 489
Delta R.T. 0.00 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

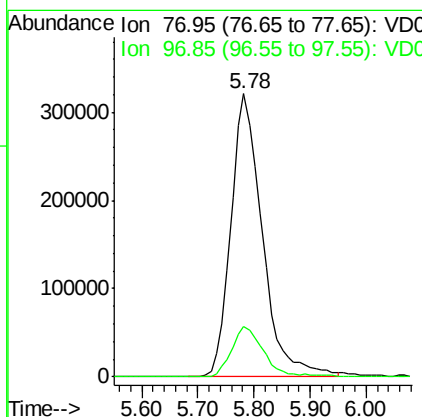
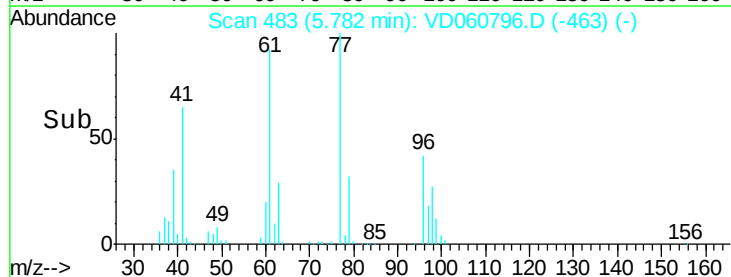
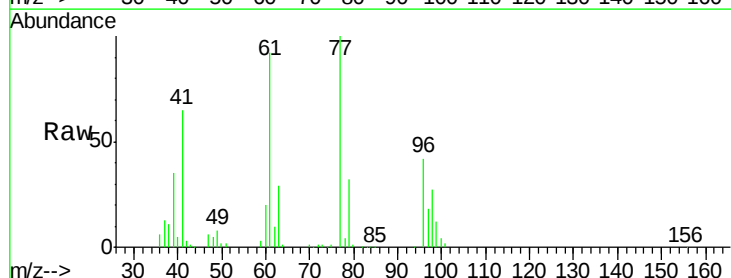
Instrument :
MSVOA_D
ClientSampled :

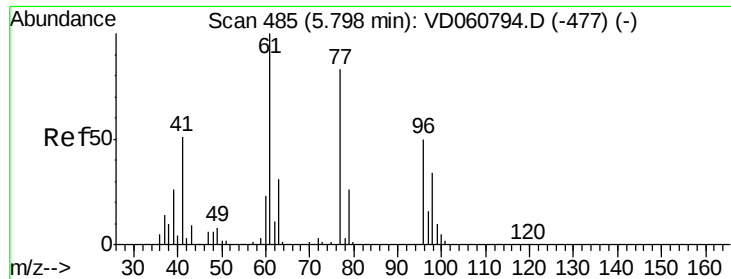
Tgt Ion: 43 Resp: 880843
Ion Ratio Lower Upper
43 100
72 17.6 14.4 21.6



#26
2,2-Dichloropropane
Concen: 90.098 ug/l
RT: 5.78 min Scan# 483
Delta R.T. -0.01 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

Tgt Ion: 77 Resp: 1250801
Ion Ratio Lower Upper
77 100
97 17.8 8.3 24.9



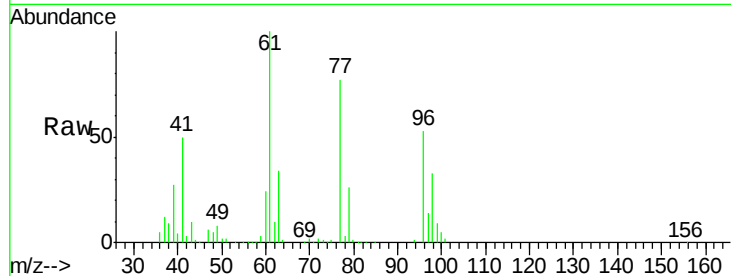


#27

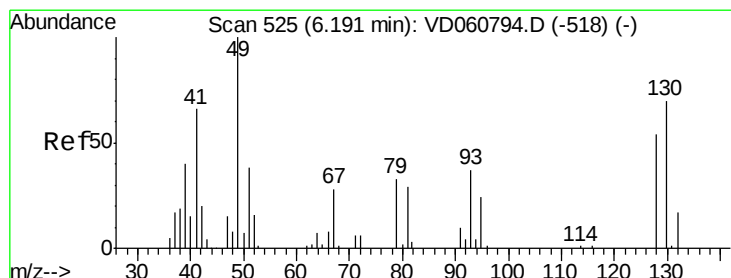
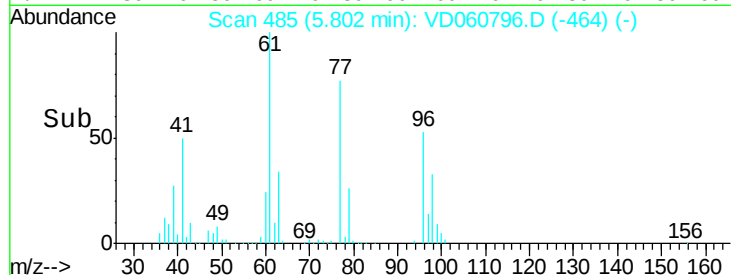
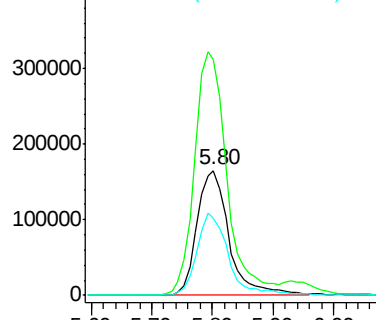
cis-1,2-Dichloroethene
Concen: 90.143 ug/l
RT: 5.80 min Scan# 485
Delta R.T. 0.00 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 96 Resp: 607420
Ion Ratio Lower Upper
96 100
61 189.1 0.0 400.0
98 61.7 0.0 136.4



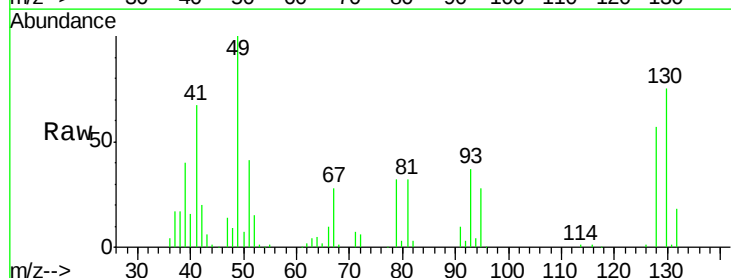
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



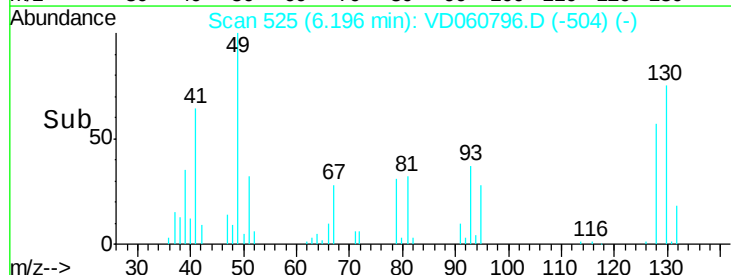
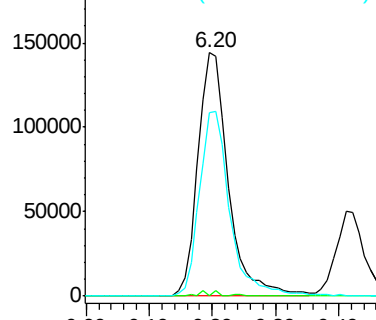
#28

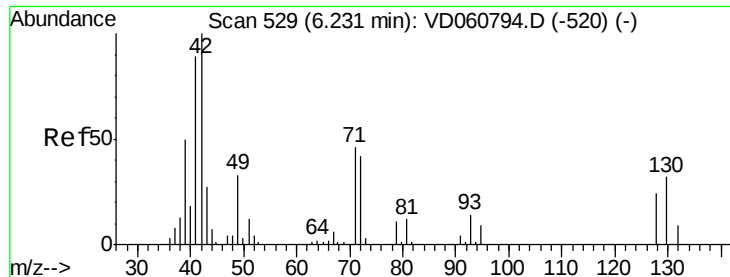
Bromochloromethane
Concen: 93.578 ug/l
RT: 6.20 min Scan# 525
Delta R.T. 0.00 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

Tgt Ion: 49 Resp: 480975
Ion Ratio Lower Upper
49 100
129 0.0 0.0 0.0
130 75.4 56.1 84.1



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

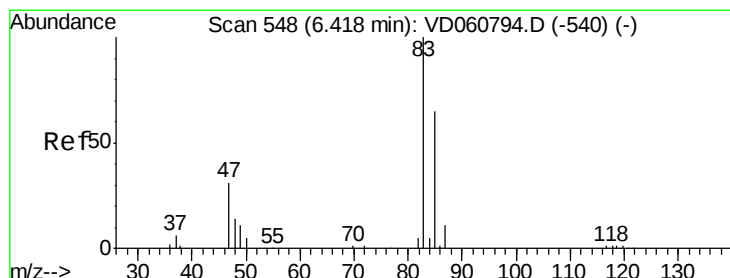
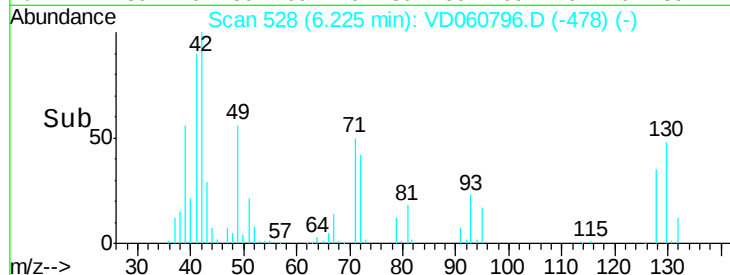
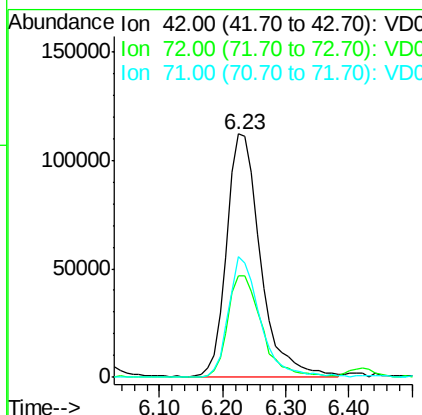
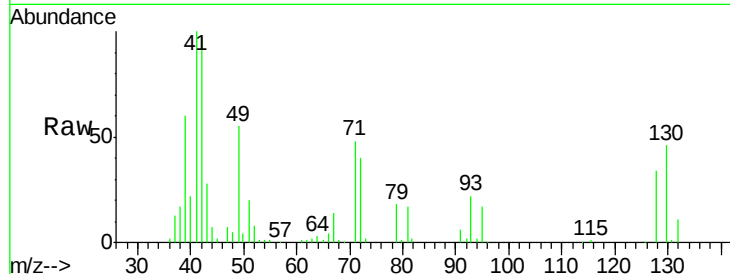




#29
Tetrahydrofuran
Concen: 477.466 ug/l
RT: 6.23 min Scan# 528
Delta R.T. -0.01 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

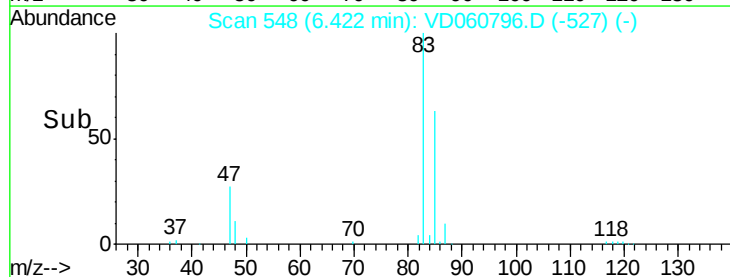
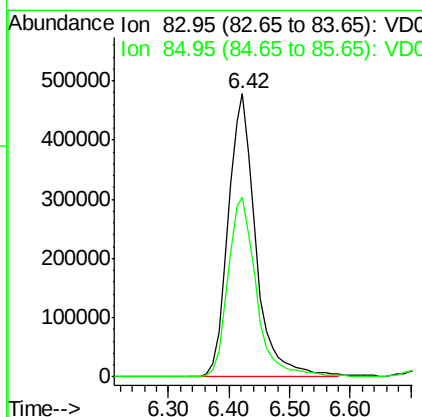
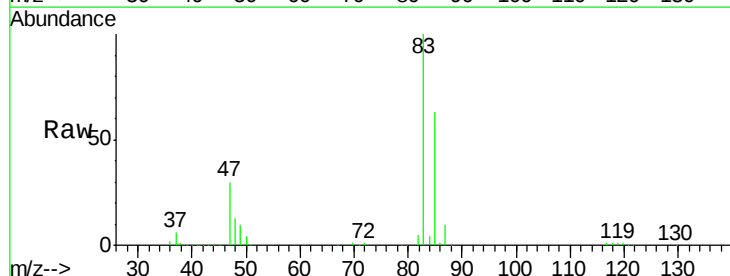
Instrument :
MSVOA_D
ClientSampled :

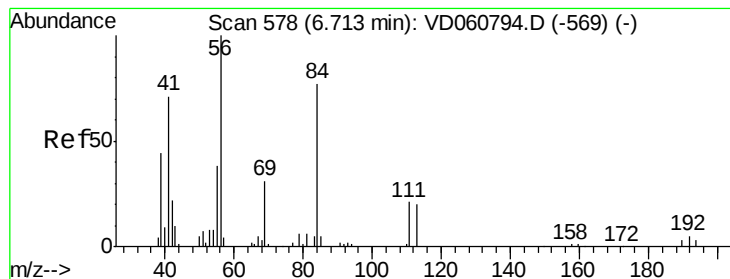
Tgt Ion: 42 Resp: 414041
Ion Ratio Lower Upper
42 100
72 42.3 32.8 49.2
71 46.5 34.6 52.0



#30
Chloroform
Concen: 96.911 ug/l
RT: 6.42 min Scan# 548
Delta R.T. 0.00 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

Tgt Ion: 83 Resp: 1509166
Ion Ratio Lower Upper
83 100
85 63.3 52.3 78.5





#31

Cyclohexane

Concen: 95.366 ug/l

RT: 6.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Instrument :
MSVOA_D
ClientSampleId :

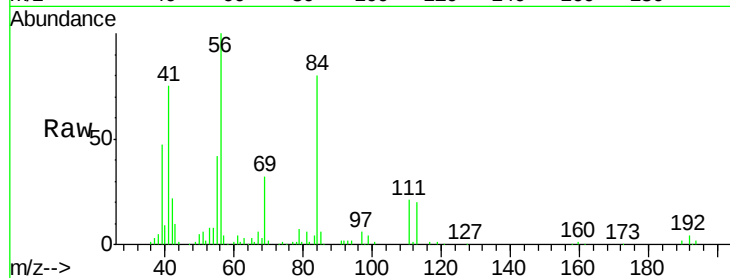
Tgt Ion: 56 Resp: 854908

Ion Ratio Lower Upper

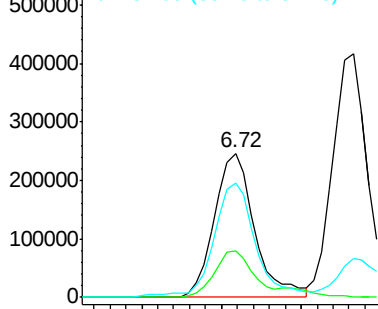
56 100

69 32.2 25.1 37.7

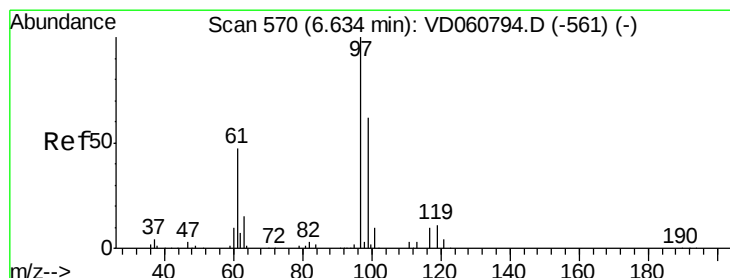
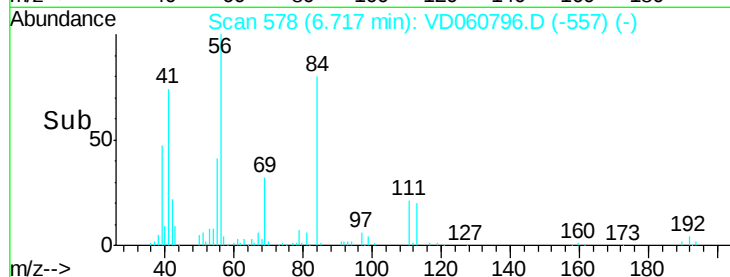
84 79.9 63.9 95.9



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



Time-->



#32

1,1,1-Trichloroethane

Concen: 94.597 ug/l

RT: 6.63 min Scan# 569

Delta R.T. -0.01 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

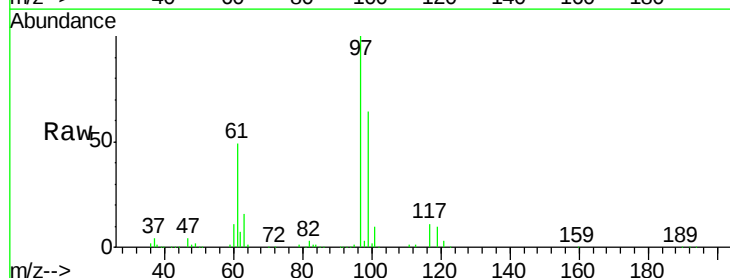
Tgt Ion: 97 Resp: 1418627

Ion Ratio Lower Upper

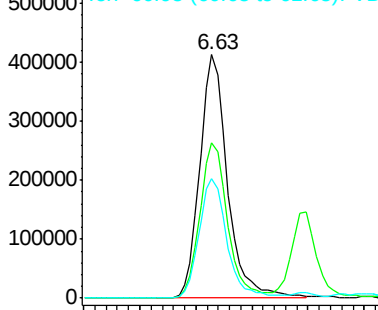
97 100

99 64.0 49.6 74.4

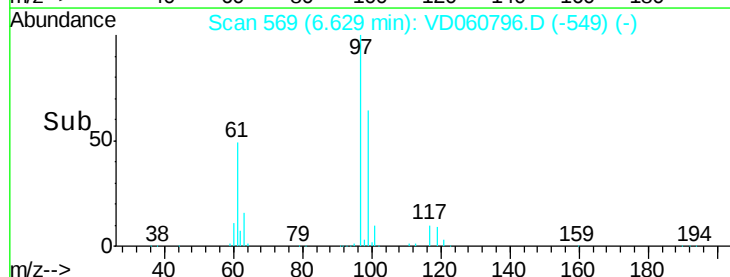
61 49.2 37.4 56.2

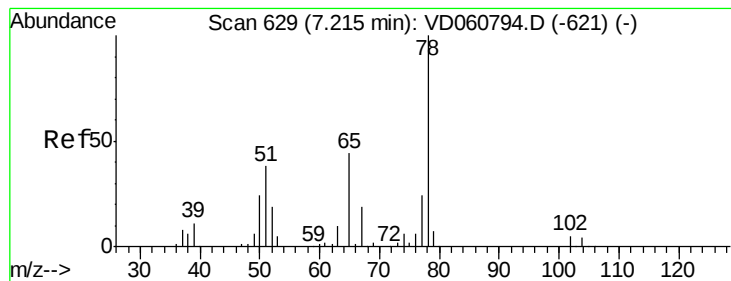


Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 98.85 (98.55 to 99.55): VDC
Ion 60.95 (60.65 to 61.65): VDC



Time-->





#33

1,2-Dichloroethane-d4

Concen: 94.597 ug/l

RT: 7.21 min Scan# 628

Delta R.T. -0.01 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Instrument :

MSVOA_D

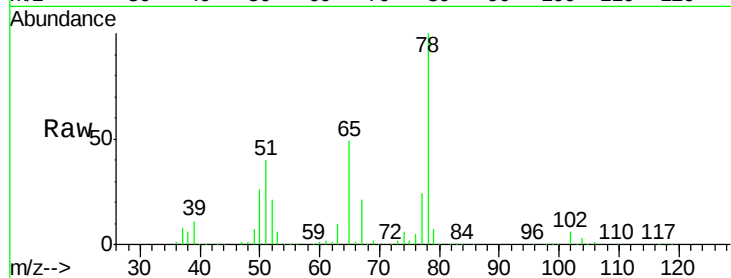
ClientSampleId :

Tgt Ion: 65 Resp: 910017

Ion Ratio Lower Upper

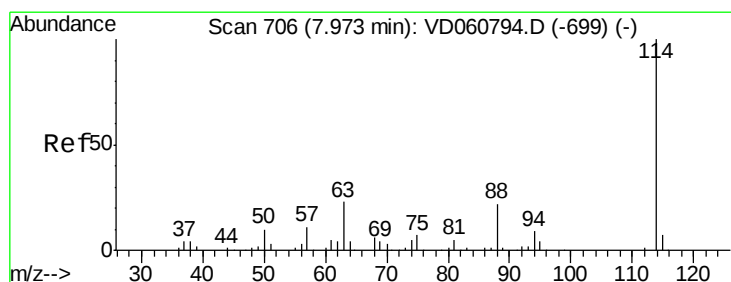
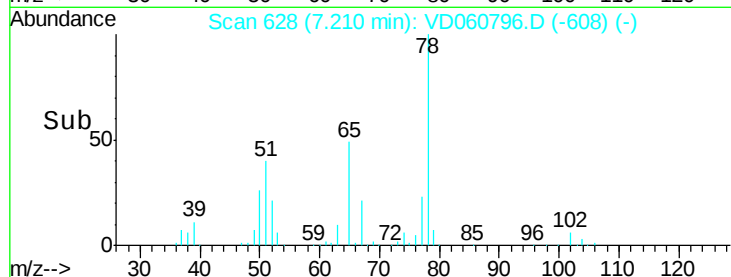
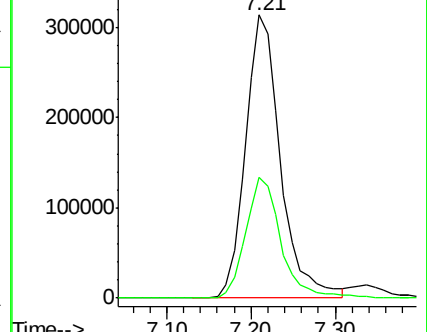
65 100

67 42.5 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 706

Delta R.T. 0.00 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

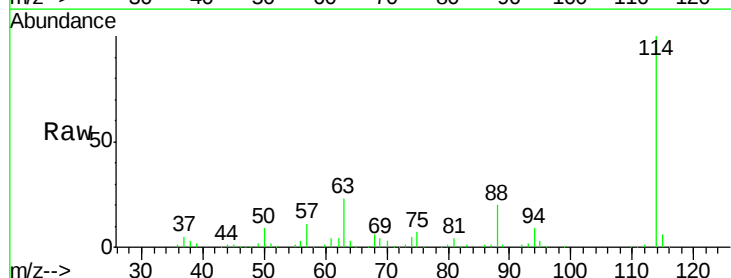
Tgt Ion: 114 Resp: 865179

Ion Ratio Lower Upper

114 100

63 22.9 0.0 46.6

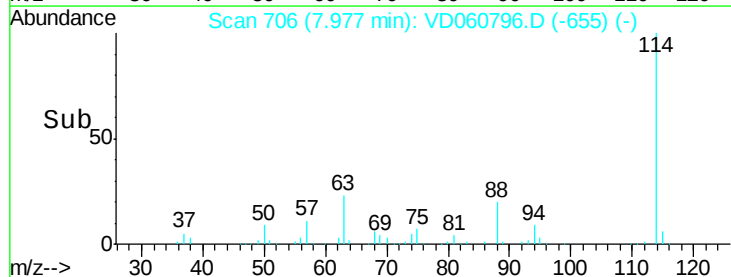
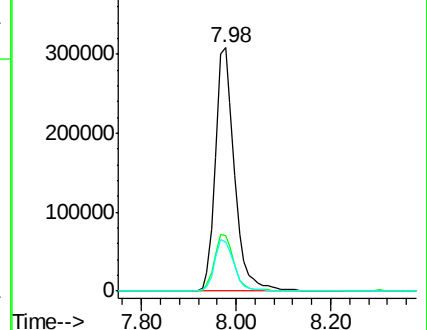
88 20.2 0.0 44.0

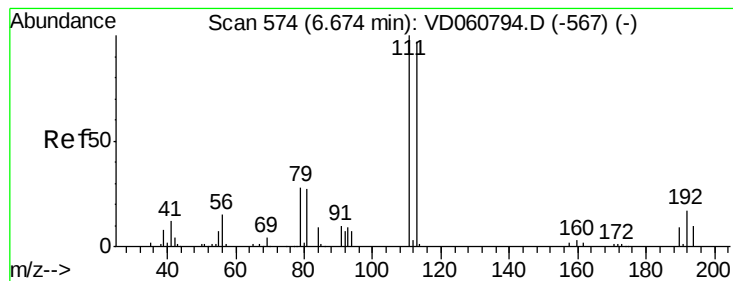


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.68 min Scan# 574

Delta R.T. 0.00 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Instrument :
MSVOA_D
ClientSampleId :

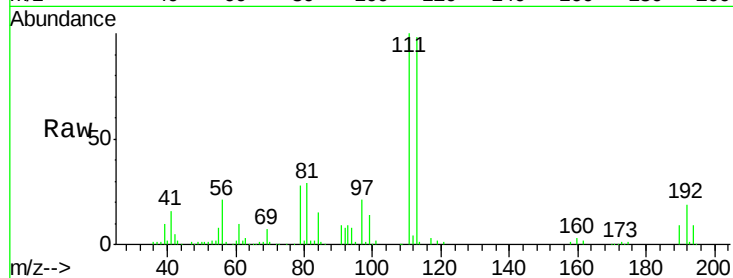
Tgt Ion:113 Resp: 794195

Ion Ratio Lower Upper

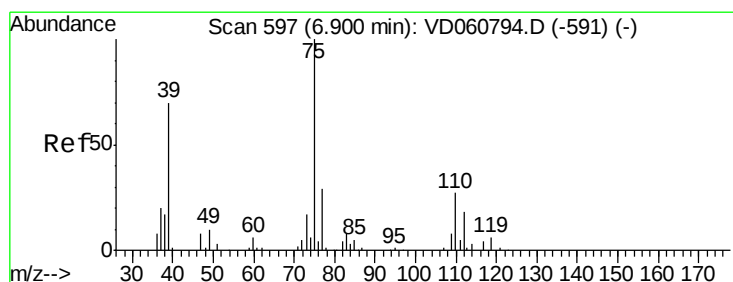
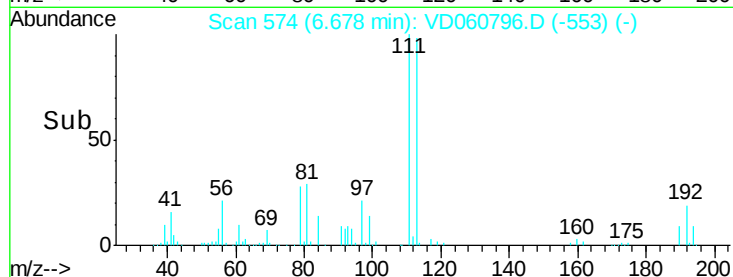
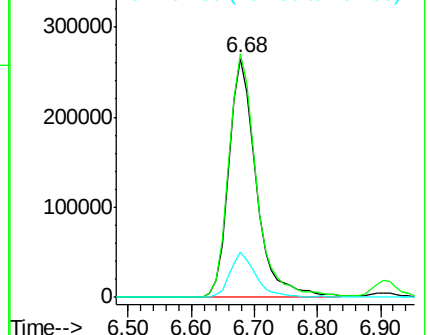
113 100

111 102.0 82.3 123.5

192 19.0 14.4 21.6



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



#36

1,1-Dichloropropene

Concen: 92.444 ug/l

RT: 6.90 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

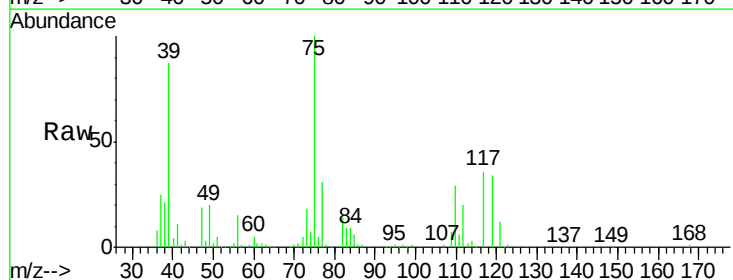
Tgt Ion: 75 Resp: 954956

Ion Ratio Lower Upper

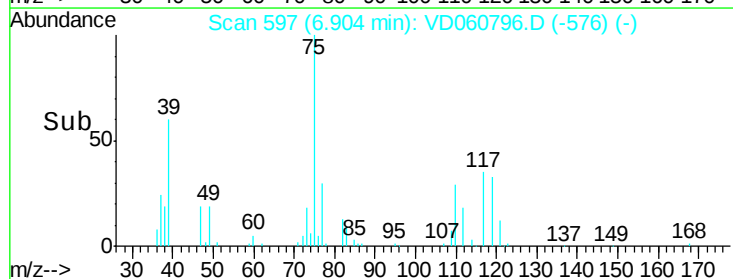
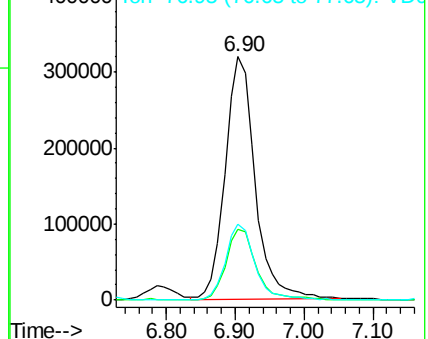
75 100

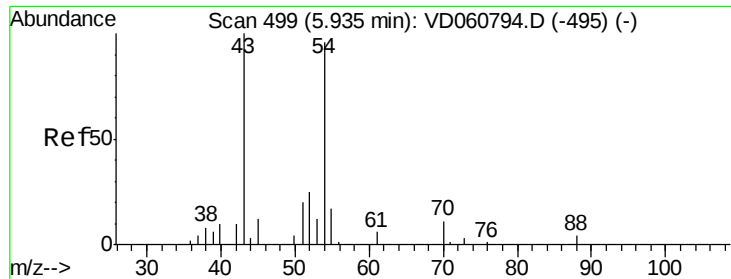
110 28.8 13.5 40.4

77 31.0 23.4 35.2



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

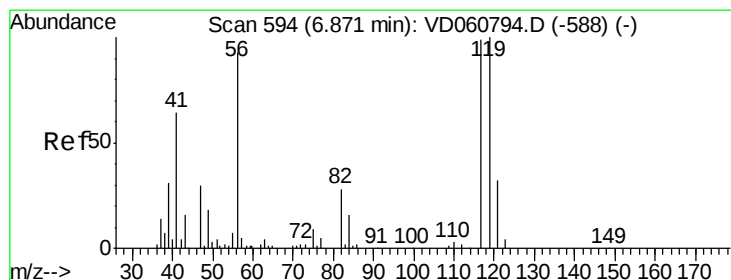
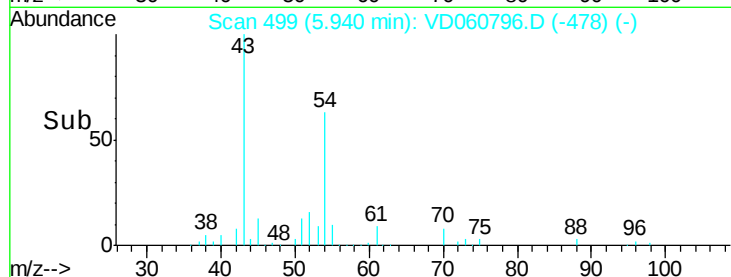
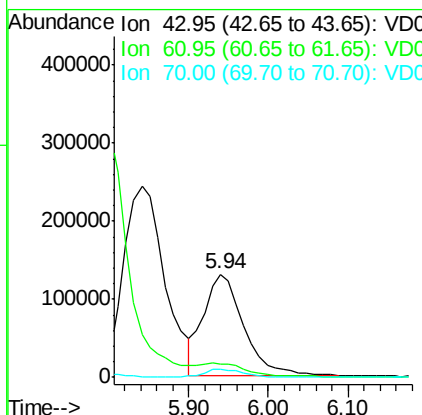
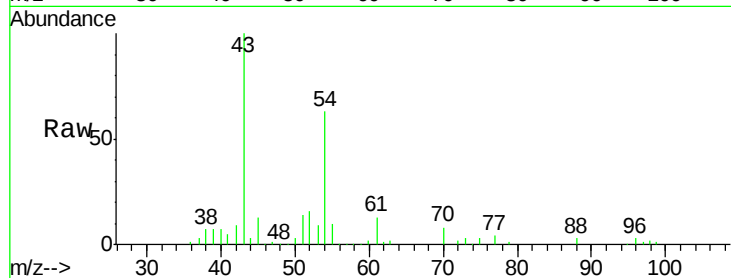




#37
Ethyl Acetate
Concen: 99.596 ug/l
RT: 5.94 min Scan# 499
Delta R.T. 0.00 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

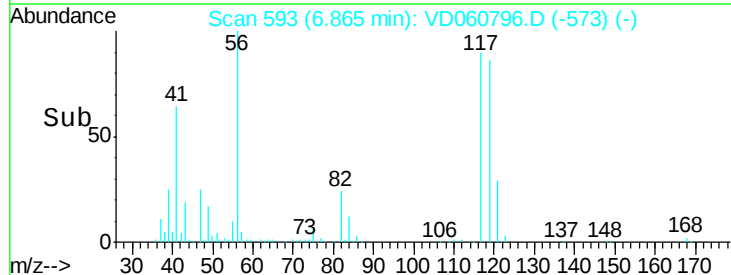
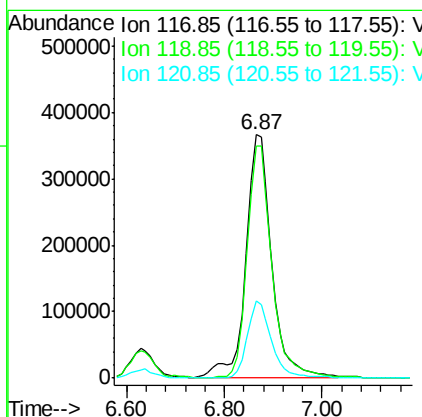
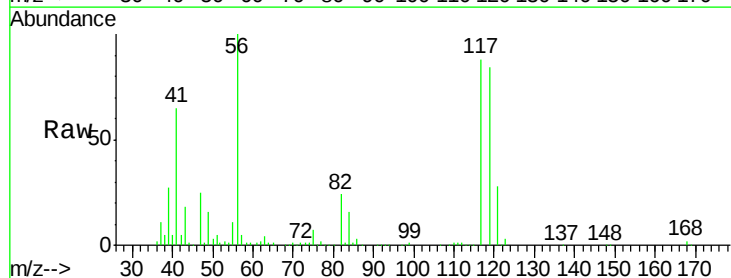
Instrument :
MSVOA_D
ClientSampled :

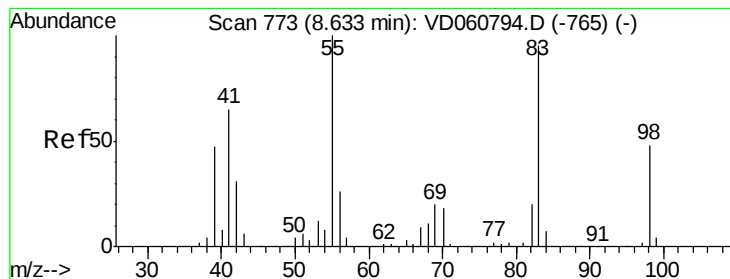
Tgt Ion: 43 Resp: 459265
Ion Ratio Lower Upper
43 100
61 13.4 12.3 18.5
70 7.9 7.4 11.0



#38
Carbon Tetrachloride
Concen: 103.145 ug/l
RT: 6.87 min Scan# 593
Delta R.T. -0.01 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

Tgt Ion: 117 Resp: 1336101
Ion Ratio Lower Upper
117 100
119 95.1 75.6 113.4
121 31.7 23.4 35.2





#39

Methylcyclohexane

Concen: 97.953 ug/l

RT: 8.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Instrument :

MSVOA_D

ClientSampleId :

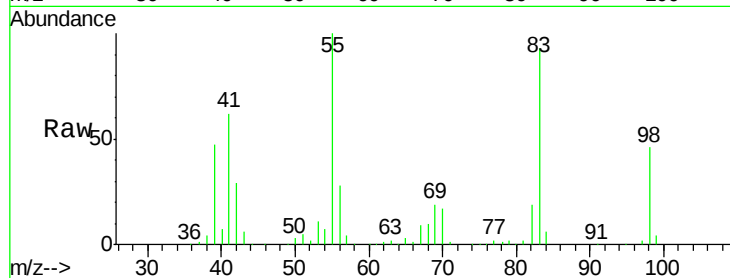
Tgt Ion: 83 Resp: 847380

Ion Ratio Lower Upper

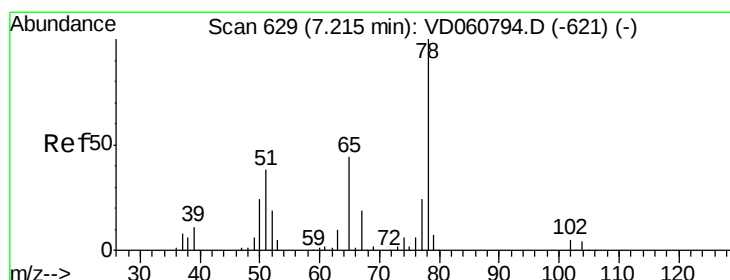
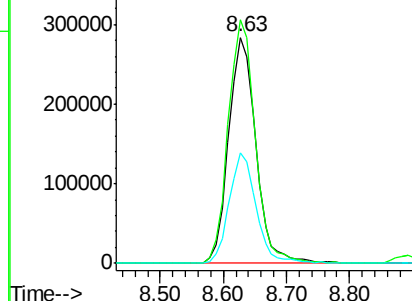
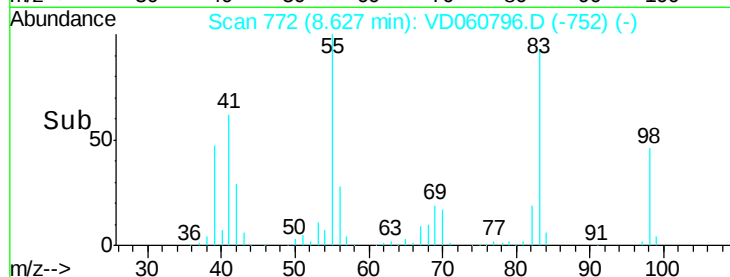
83 100

55 107.6 83.8 125.8

98 49.0 39.8 59.8



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



#40

Benzene

Concen: 99.210 ug/l

RT: 7.21 min Scan# 628

Delta R.T. -0.01 min

Lab File: VD060796.D

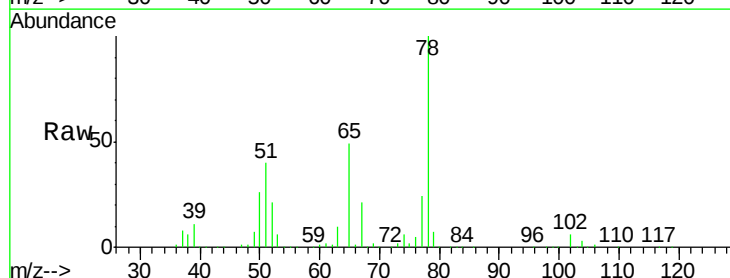
Acq: 28 Jan 2019 17:35

Tgt Ion: 78 Resp: 2022691

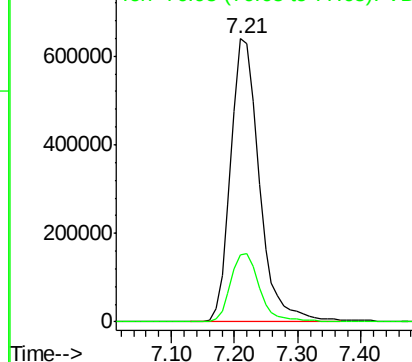
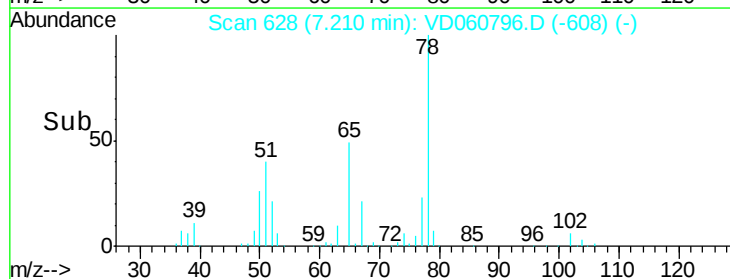
Ion Ratio Lower Upper

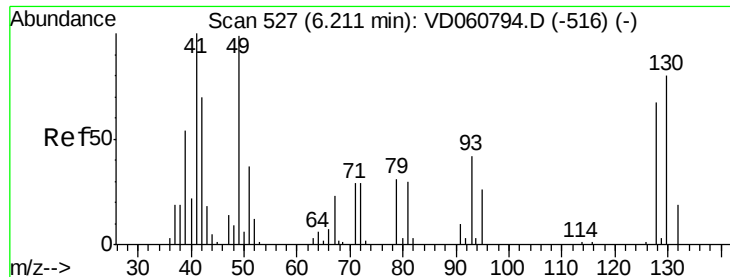
78 100

77 23.6 18.9 28.3



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





#41

Methacrylonitrile

Concen: 184.190 ug/l

RT: 6.22 min Scan# 527

Delta R.T. 0.00 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 41 Resp: 558509

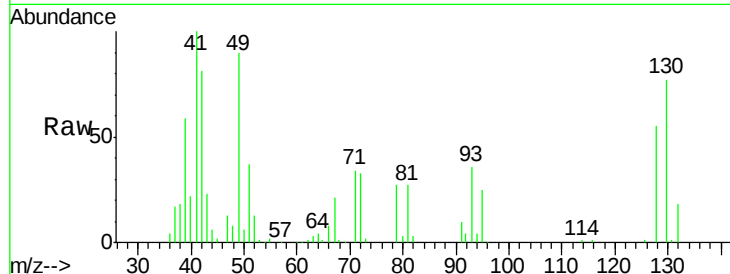
Ion Ratio Lower Upper

41 100

39 59.2 43.6 65.4

67 21.1 18.5 27.7

52 13.4 10.2 15.2

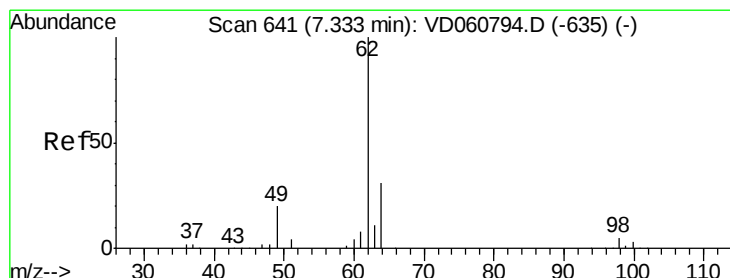
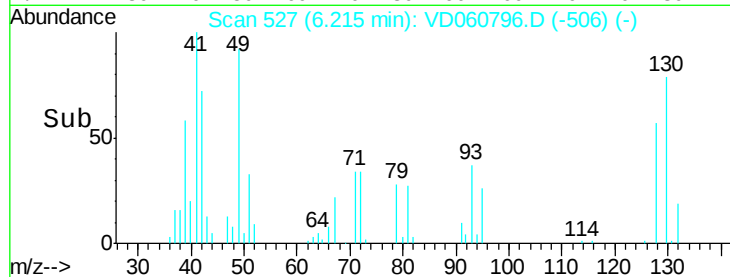
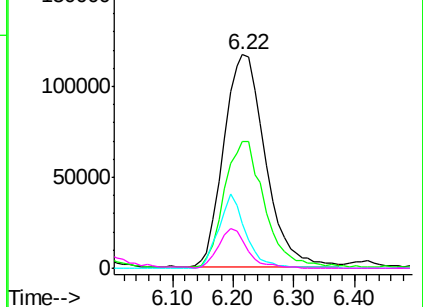


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 100.369 ug/l

RT: 7.34 min Scan# 641

Delta R.T. 0.00 min

Lab File: VD060796.D

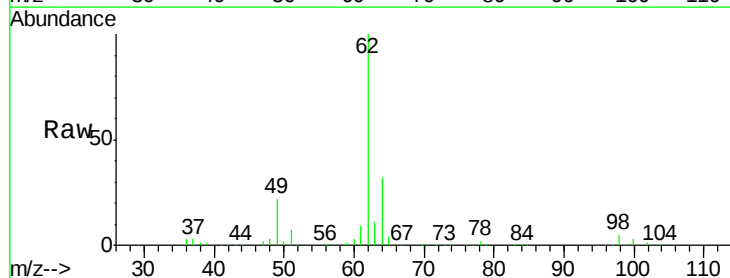
Acq: 28 Jan 2019 17:35

Tgt Ion: 62 Resp: 1188787

Ion Ratio Lower Upper

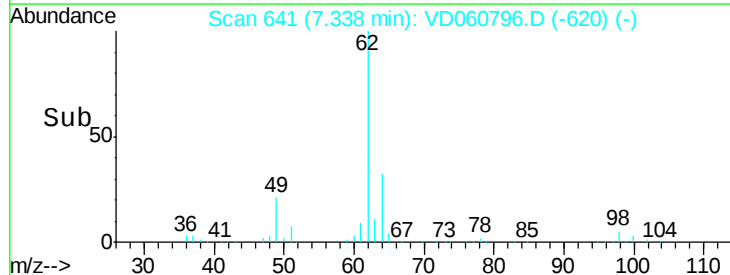
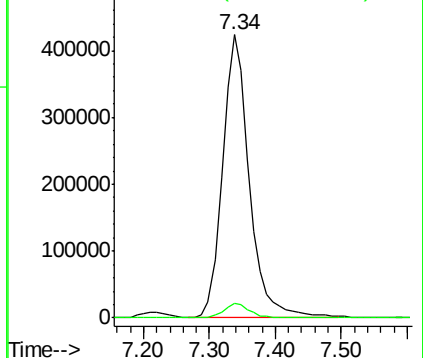
62 100

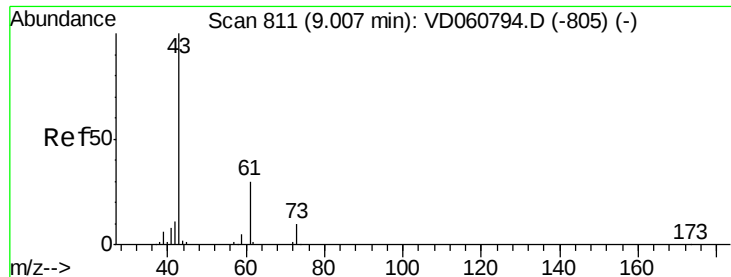
98 5.0 0.0 10.2



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 105.823 ug/l

RT: 9.00 min Scan# 810

Delta R.T. -0.01 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Instrument :

MSVOA_D

ClientSampleId :

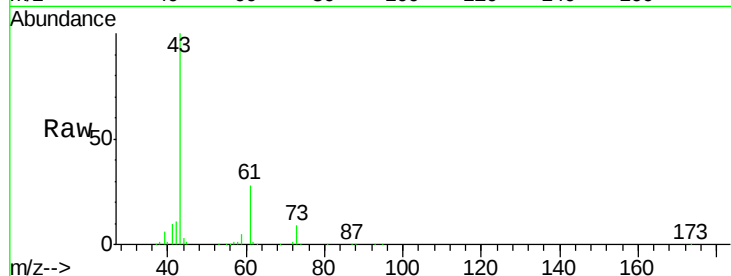
Tgt Ion: 43 Resp: 636452

Ion Ratio Lower Upper

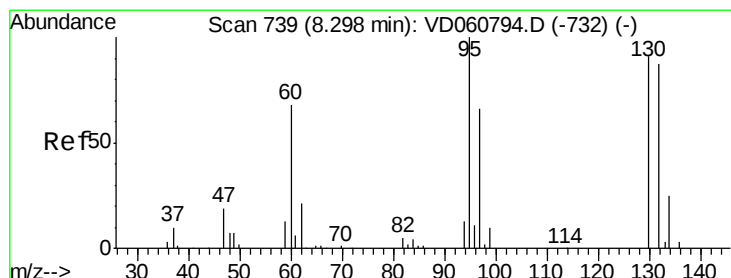
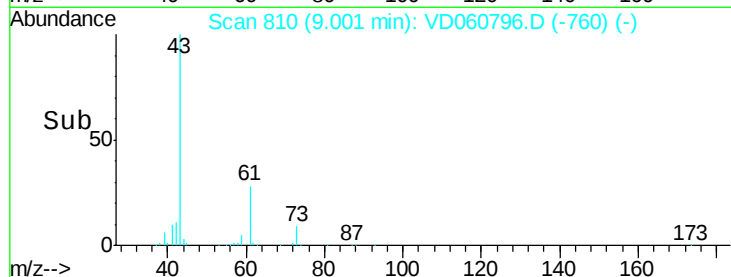
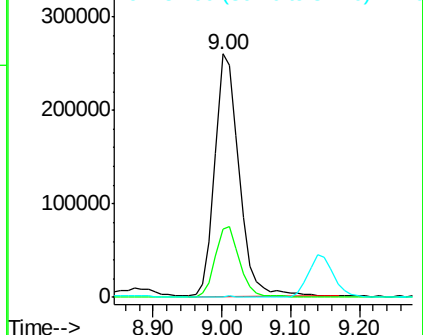
43 100

61 28.0 24.1 36.1

87 0.4 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: 99.832 ug/l

RT: 8.30 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD060796.D

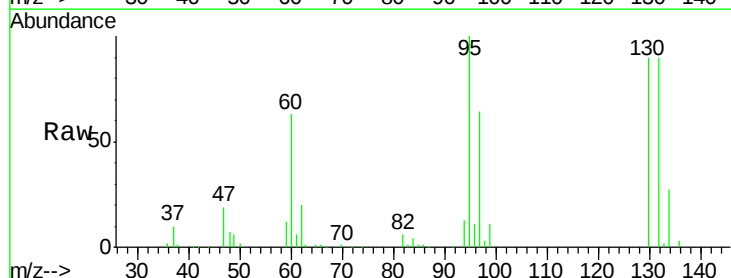
Acq: 28 Jan 2019 17:35

Tgt Ion:130 Resp: 689991

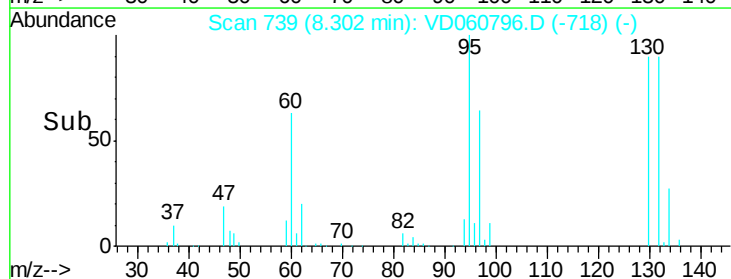
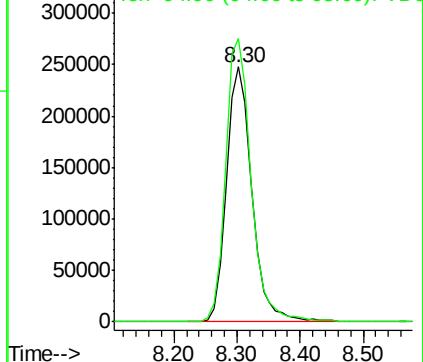
Ion Ratio Lower Upper

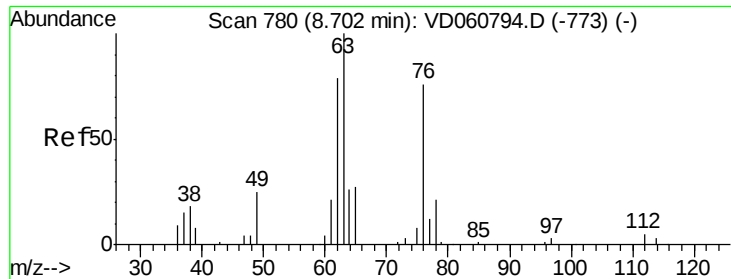
130 100

95 111.1 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: 98.286 ug/l

RT: 8.71 min Scan# 780

Delta R.T. 0.00 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Instrument :

MSVOA_D

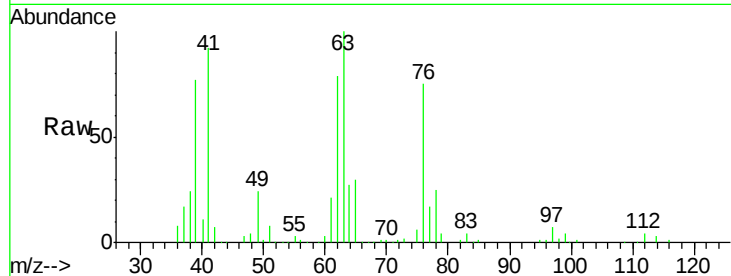
ClientSampleId :

Tgt Ion: 63 Resp: 542444

Ion Ratio Lower Upper

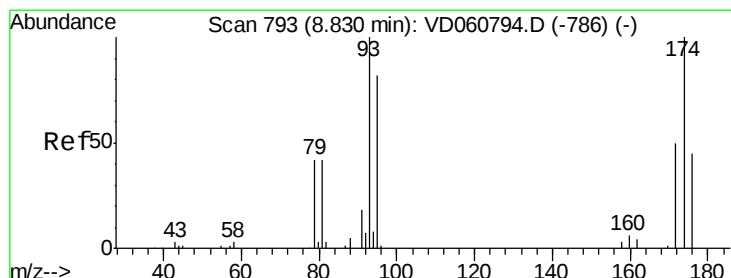
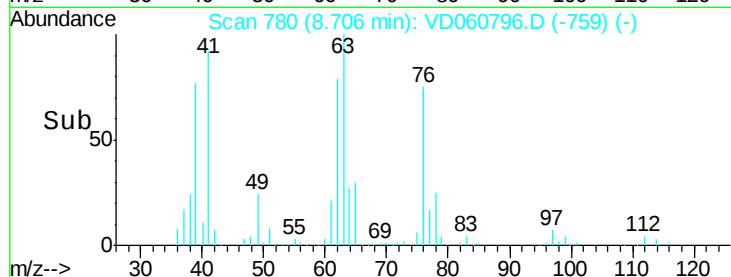
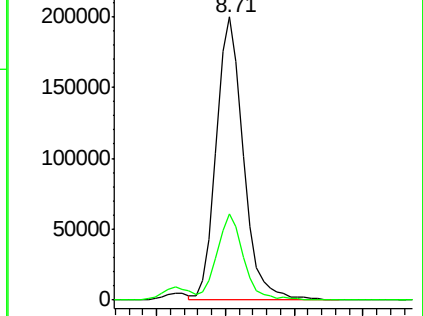
63 100

65 30.3 24.1 36.1



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 101.574 ug/l

RT: 8.82 min Scan# 792

Delta R.T. -0.01 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

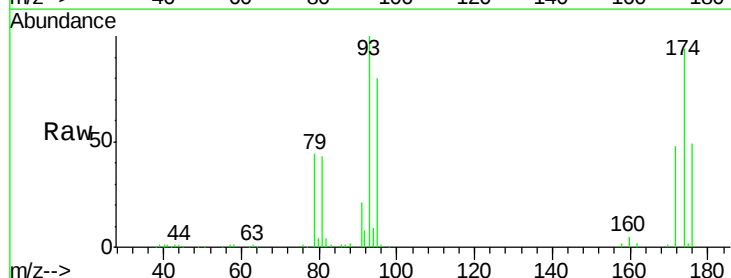
Tgt Ion: 93 Resp: 435184

Ion Ratio Lower Upper

93 100

95 79.7 65.8 98.8

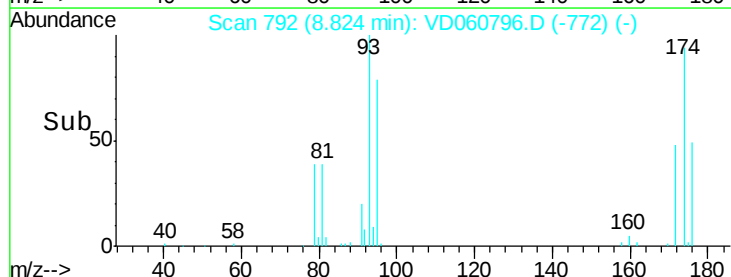
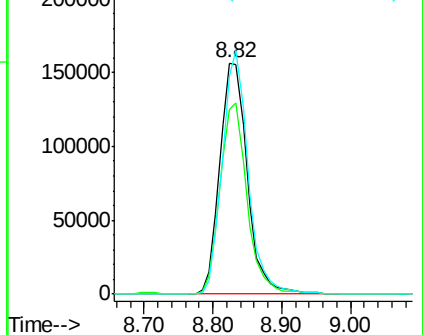
174 94.0 79.8 119.6

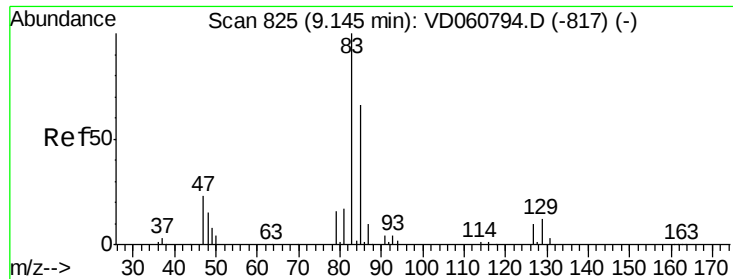


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 100.188 ug/l

RT: 9.14 min Scan# 824

Delta R.T. -0.01 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Instrument :

MSVOA_D

ClientSampleId :

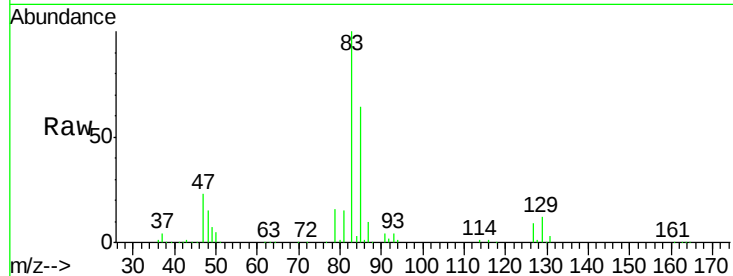
Tgt Ion: 83 Resp: 1158620

Ion Ratio Lower Upper

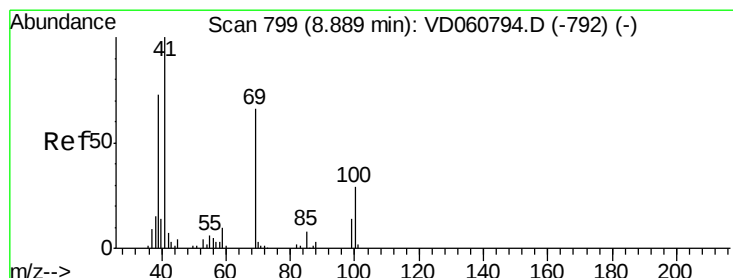
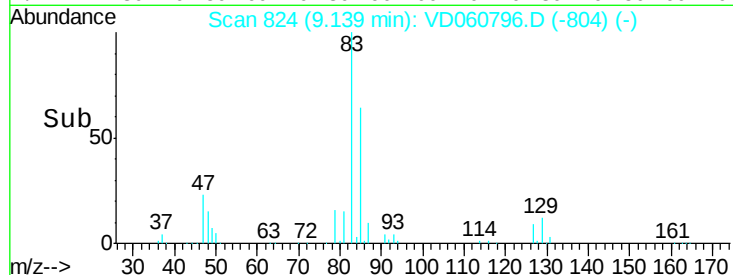
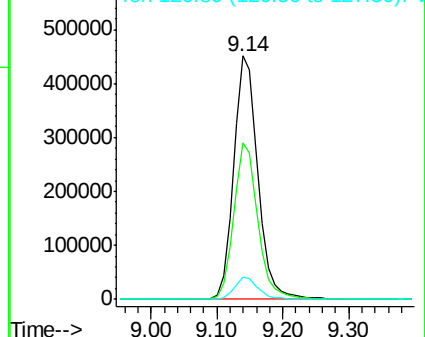
83 100

85 64.1 52.6 79.0

127 9.2 7.7 11.5



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



#48

Methyl methacrylate

Concen: 101.922 ug/l

RT: 8.89 min Scan# 799

Delta R.T. 0.00 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

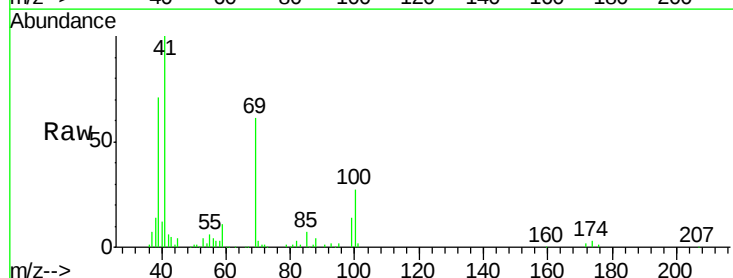
Tgt Ion: 41 Resp: 422712

Ion Ratio Lower Upper

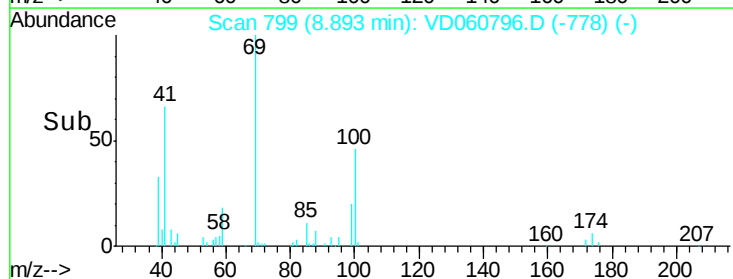
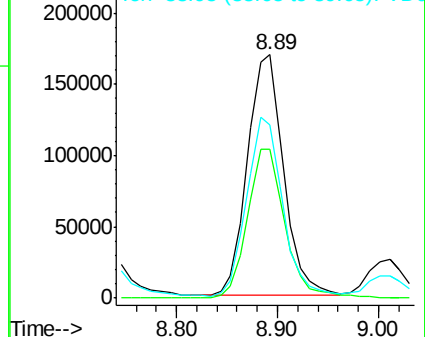
41 100

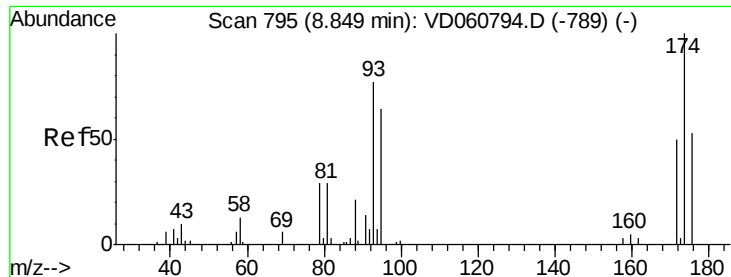
69 61.1 52.5 78.7

39 71.1 59.0 88.6



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





#49

1,4-Dioxane

Concen: 2236.273 ug/l

RT: 8.85 min Scan# 795

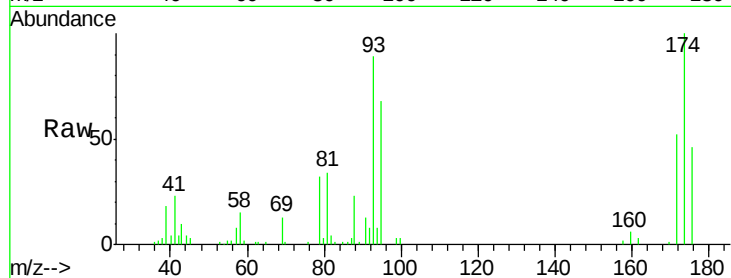
Delta R.T. 0.00 min

Lab File: VD060796.D

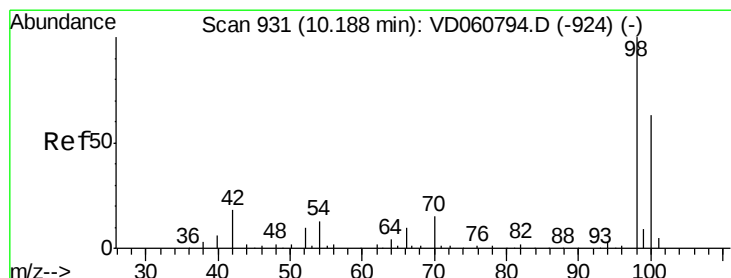
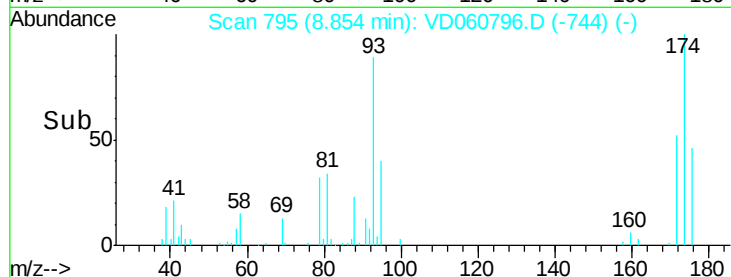
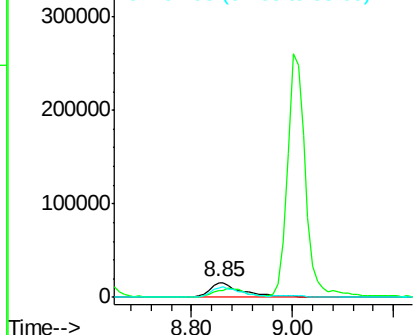
Acq: 28 Jan 2019 17:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	88	Resp:	71907
Ion	Ratio	Lower	Upper
88	100		
43	43.5	40.9	61.3
58	66.3	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: 2236.273 ug/l

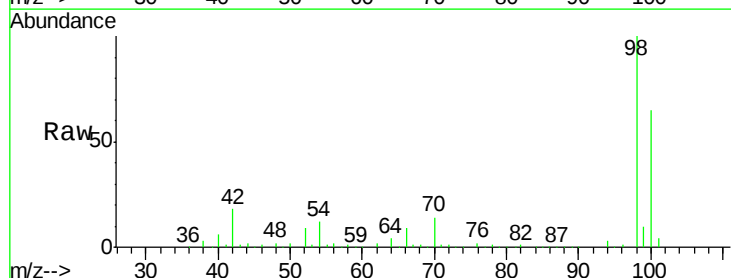
RT: 10.19 min Scan# 931

Delta R.T. 0.00 min

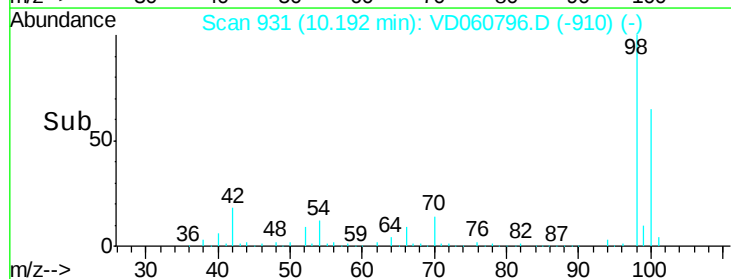
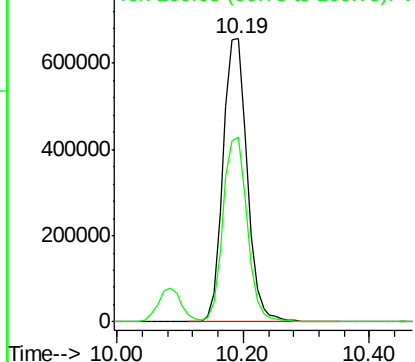
Lab File: VD060796.D

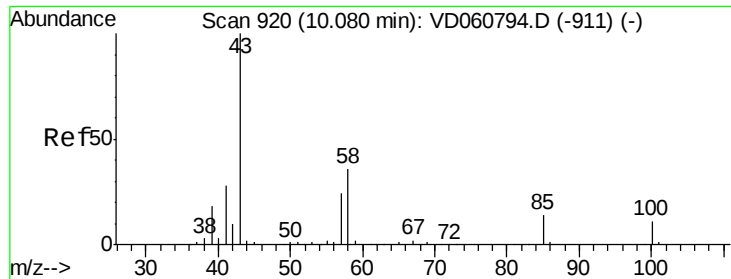
Acq: 28 Jan 2019 17:35

Tgt Ion:	98	Resp:	1747103
Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.0	76.6



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

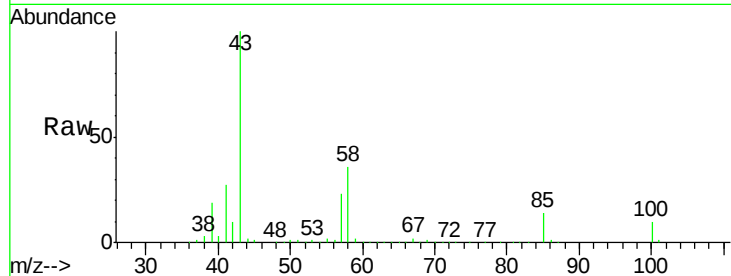




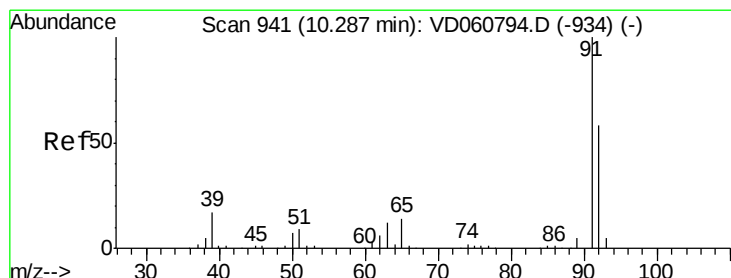
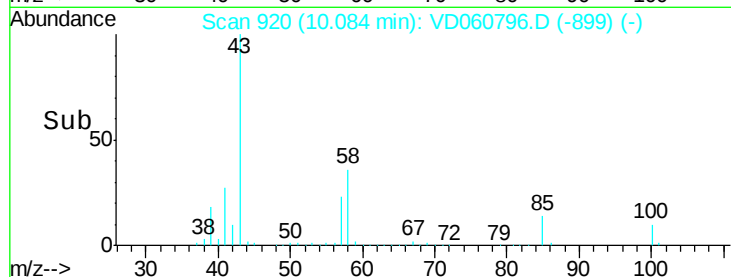
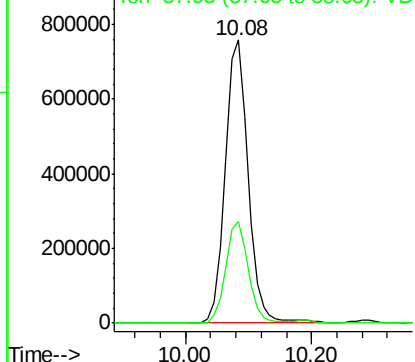
#51
4-Methyl-2-Pentanone
Concen: 487.163 ug/l
RT: 10.08 min Scan# 920
Delta R.T. 0.00 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 1897406
Ion Ratio Lower Upper
43 100
58 35.8 28.4 42.6

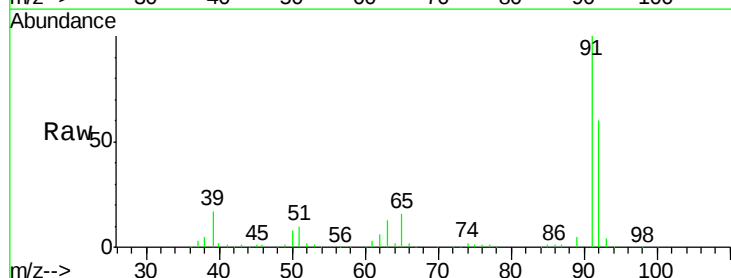


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

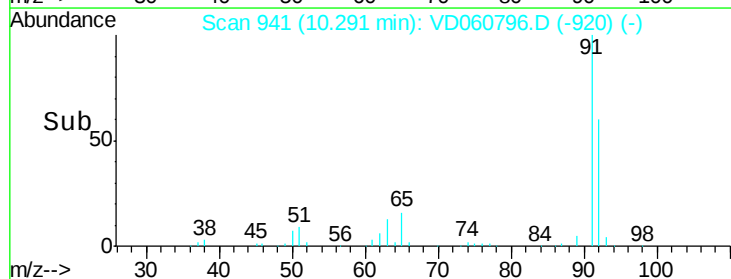
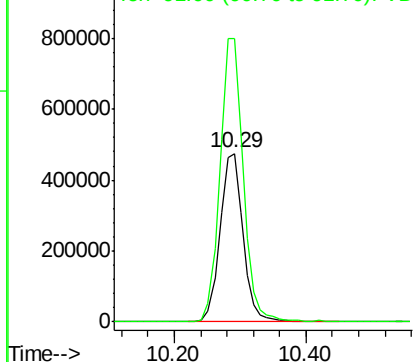


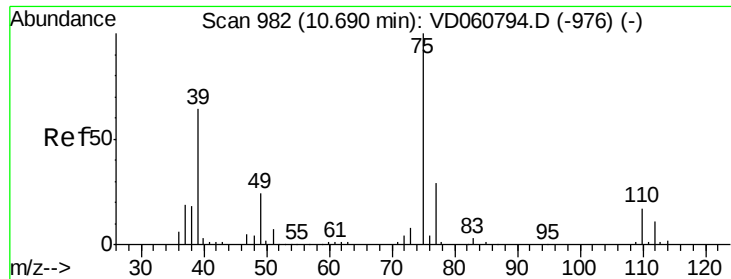
#52
Toluene
Concen: 89.407 ug/l
RT: 10.29 min Scan# 941
Delta R.T. 0.00 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

Tgt Ion: 92 Resp: 1156264
Ion Ratio Lower Upper
92 100
91 167.7 137.7 206.5



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

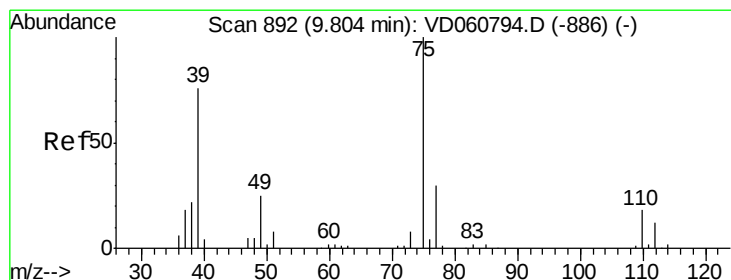
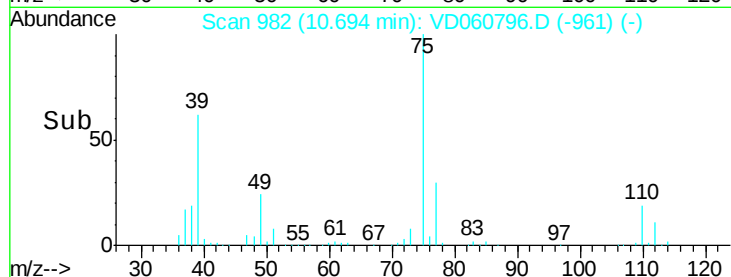
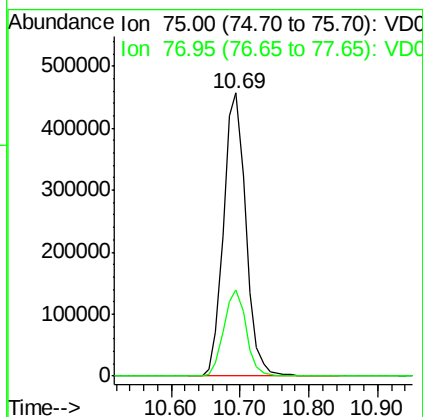
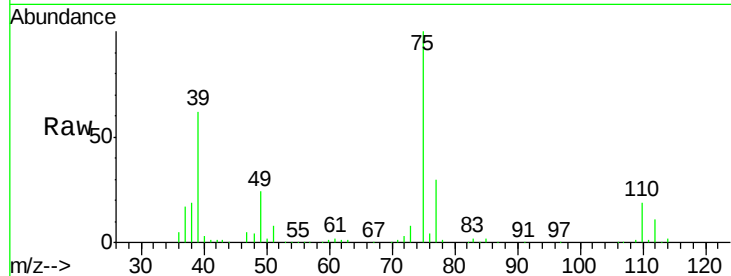




#53
 t-1,3-Dichloropropene
 Concen: 100.730 ug/l
 RT: 10.69 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VD060796.D
 Acq: 28 Jan 2019 17:35

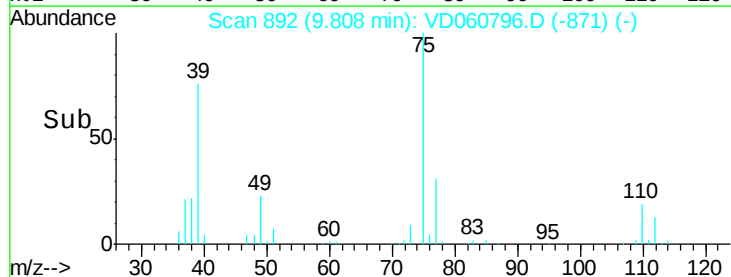
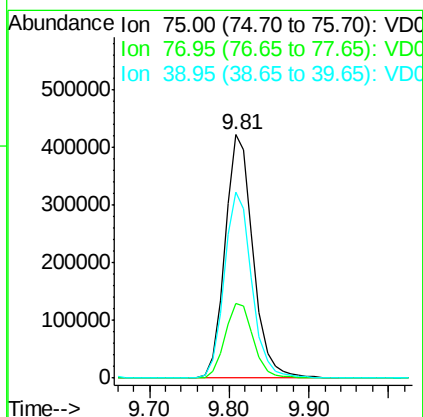
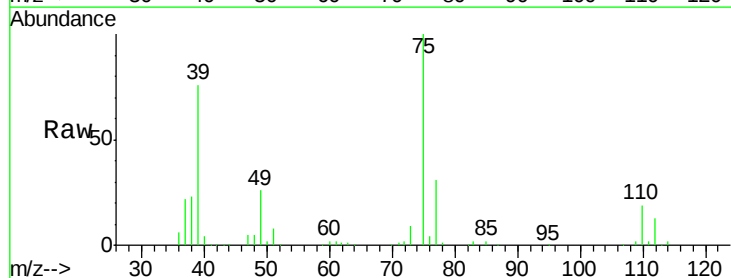
Instrument :
 MSVOA_D
 ClientSampleId :

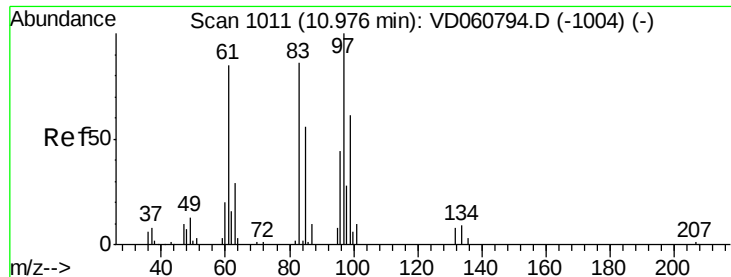
Tgt Ion: 75 Resp: 1024656
 Ion Ratio Lower Upper
 75 100
 77 30.3 23.0 34.6



#54
 cis-1,3-Dichloropropene
 Concen: 99.392 ug/l
 RT: 9.81 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VD060796.D
 Acq: 28 Jan 2019 17:35

Tgt Ion: 75 Resp: 1036792
 Ion Ratio Lower Upper
 75 100
 77 30.8 23.9 35.9
 39 76.3 60.4 90.6

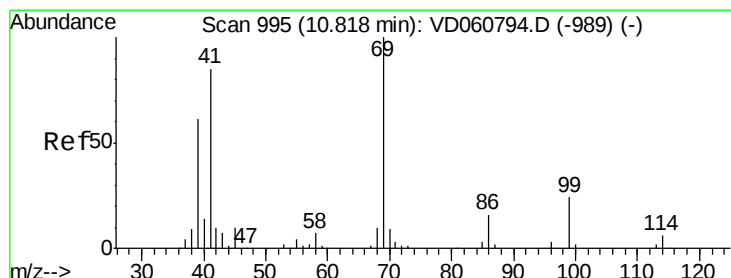
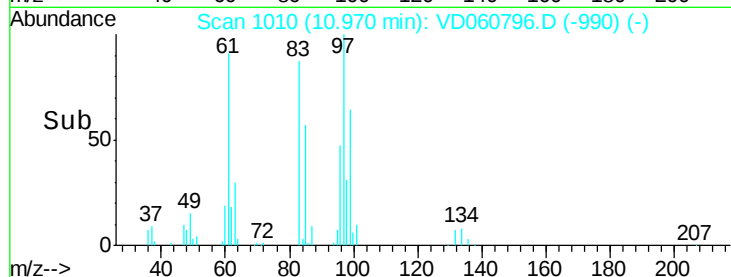
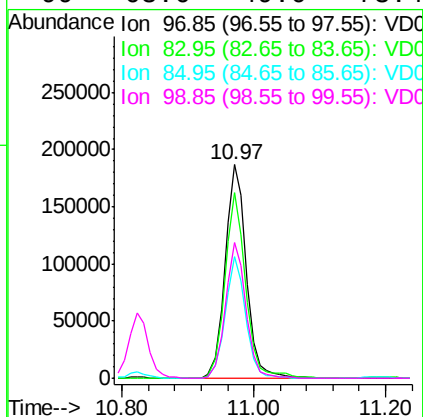
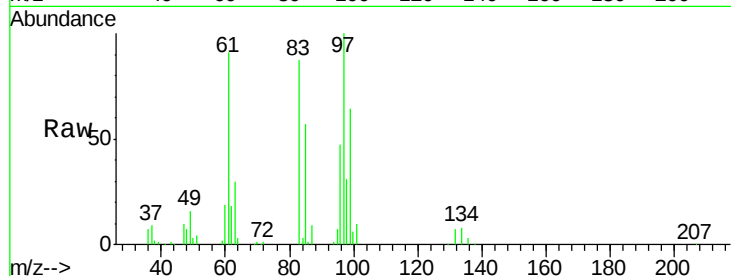




#55
1,1,2-Trichloroethane
Concen: 95.321 ug/l
RT: 10.97 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

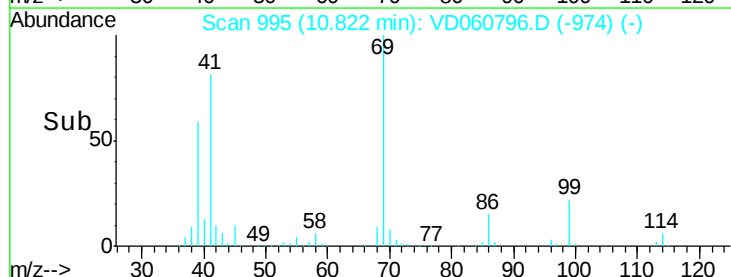
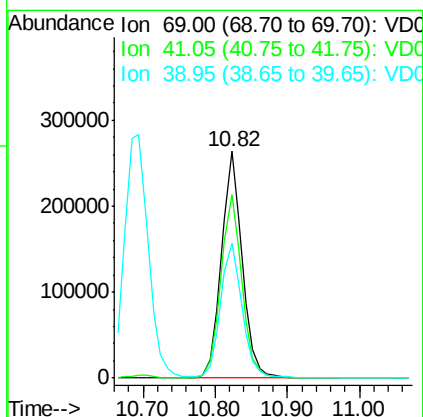
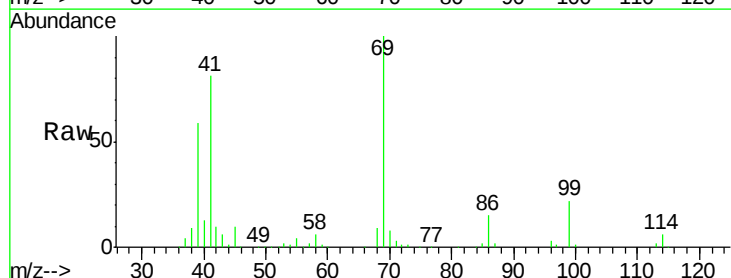
Instrument :
MSVOA_D
ClientSampleId :

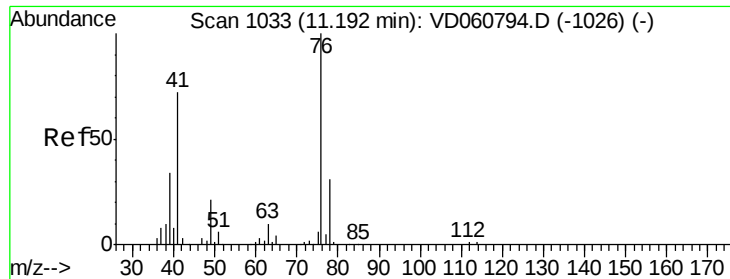
Tgt Ion: 97 Resp: 420296
Ion Ratio Lower Upper
97 100
83 86.7 68.5 102.7
85 56.7 45.0 67.6
99 63.6 49.0 73.4



#56
Ethyl methacrylate
Concen: 98.175 ug/l
RT: 10.82 min Scan# 995
Delta R.T. 0.00 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

Tgt Ion: 69 Resp: 524390
Ion Ratio Lower Upper
69 100
41 80.9 68.2 102.2
39 59.3 49.4 74.0

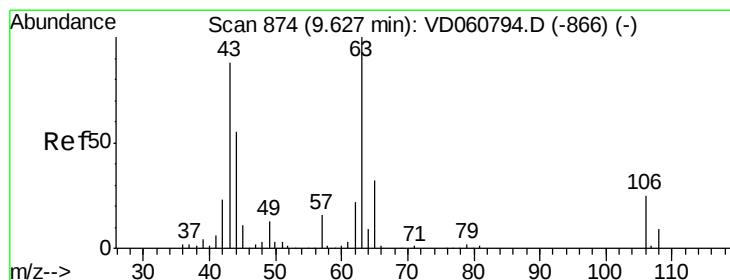
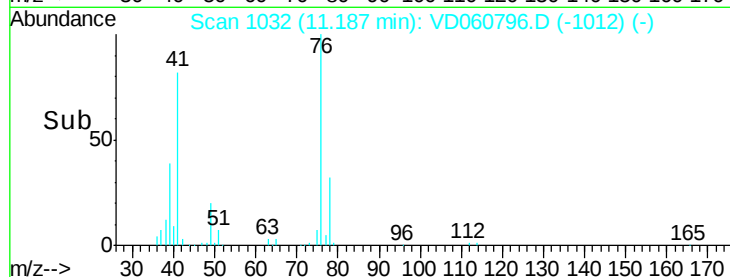
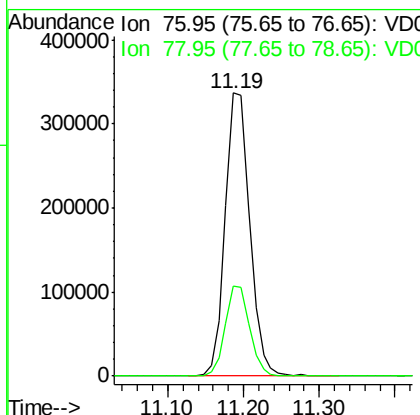
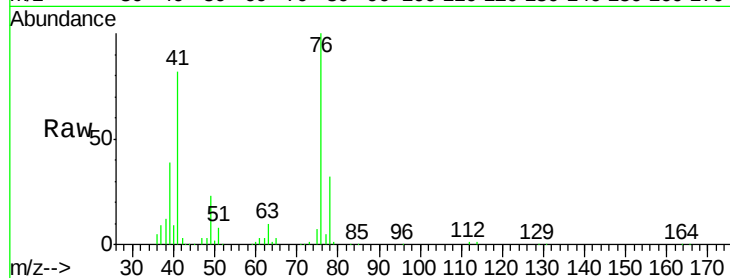




#57
 1,3-Dichloropropane
 Concen: 100.633 ug/l
 RT: 11.19 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: VD060796.D
 Acq: 28 Jan 2019 17:35

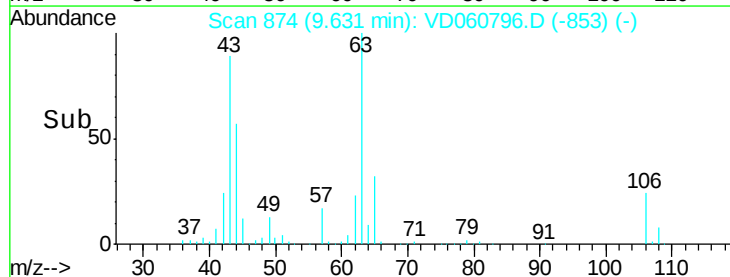
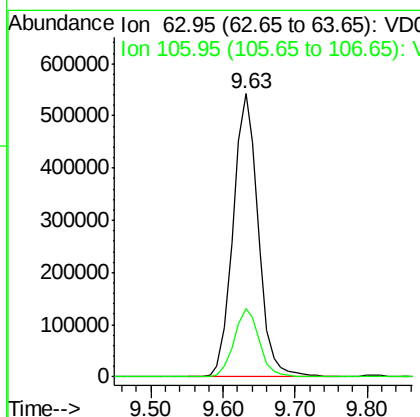
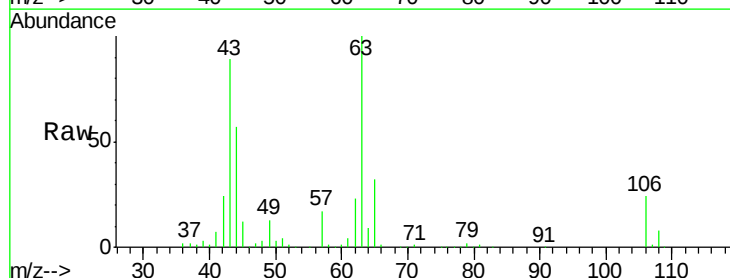
Instrument :
 MSVOA_D
 ClientSampleId :

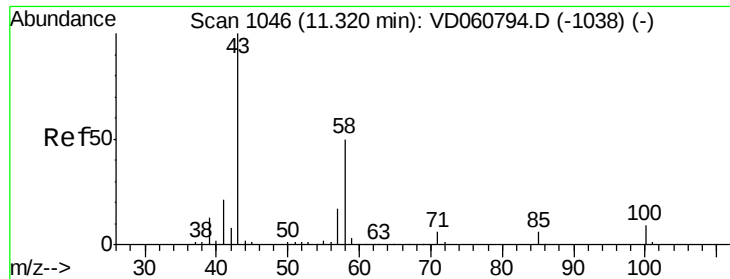
Tgt Ion: 76 Resp: 758344
 Ion Ratio Lower Upper
 76 100
 78 32.0 24.5 36.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 471.771 ug/l
 RT: 9.63 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VD060796.D
 Acq: 28 Jan 2019 17:35

Tgt Ion: 63 Resp: 1322184
 Ion Ratio Lower Upper
 63 100
 106 24.0 19.9 29.9

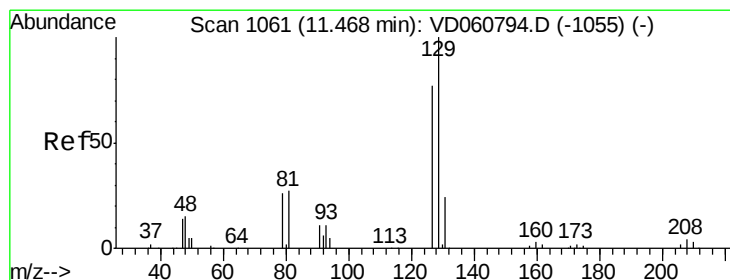
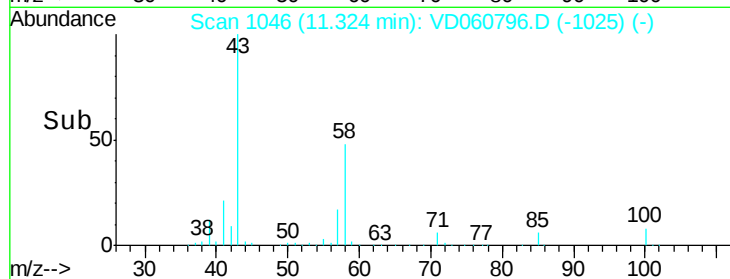
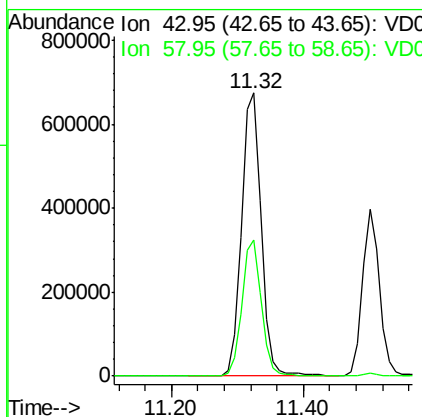
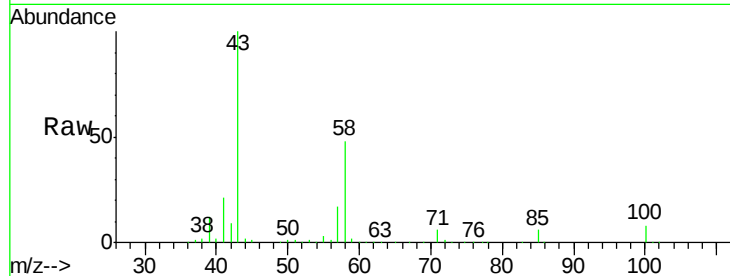




#59
2-Hexanone
Concen: 482.914 ug/l
RT: 11.32 min Scan# 1046
Delta R.T. 0.00 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

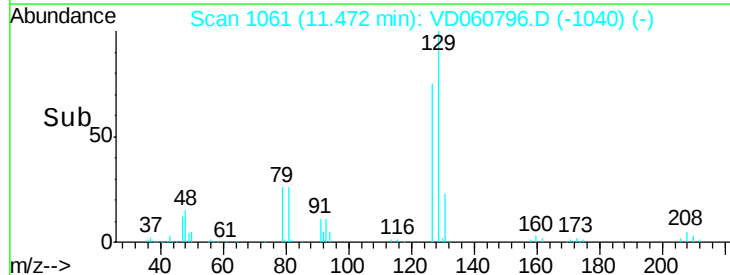
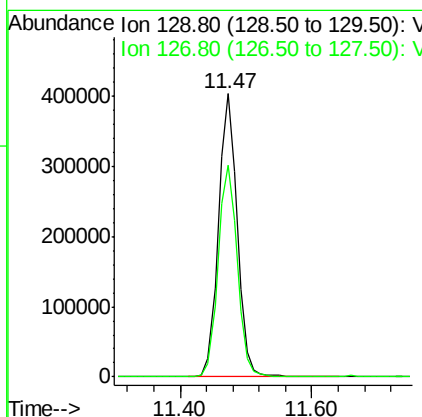
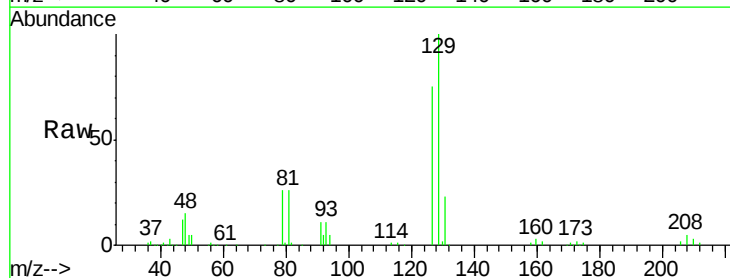
Instrument :
MSVOA_D
ClientSampleId :

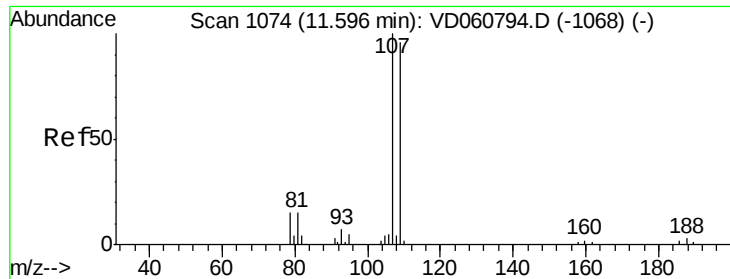
Tgt Ion: 43 Resp: 1414220
Ion Ratio Lower Upper
43 100
58 48.1 25.0 75.0



#60
Dibromochloromethane
Concen: 101.016 ug/l
RT: 11.47 min Scan# 1061
Delta R.T. 0.00 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

Tgt Ion: 129 Resp: 800754
Ion Ratio Lower Upper
129 100
127 74.9 38.6 115.7

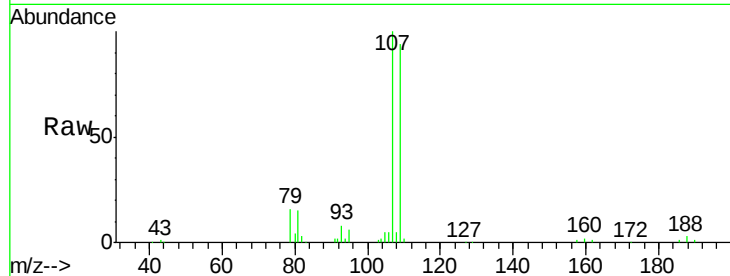




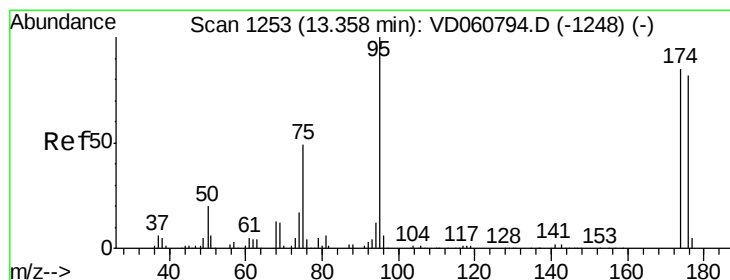
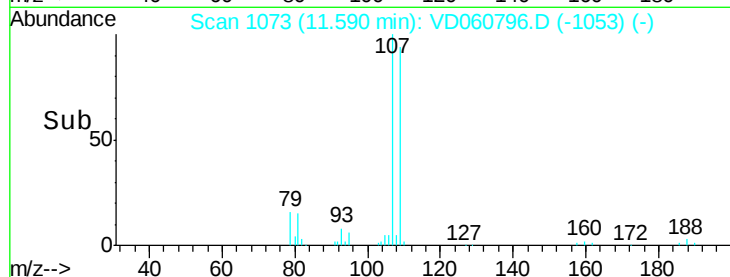
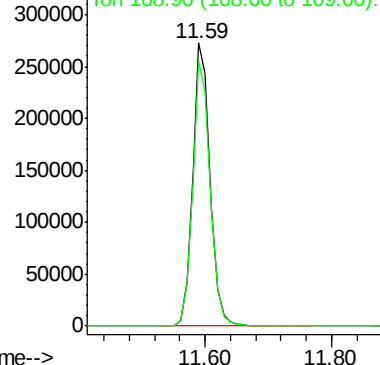
#61
 1,2-Dibromoethane
 Concen: 101.536 ug/l
 RT: 11.59 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: VD060796.D
 Acq: 28 Jan 2019 17:35

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 107 Resp: 527259
 Ion Ratio Lower Upper
 107 100
 109 93.7 76.6 114.8

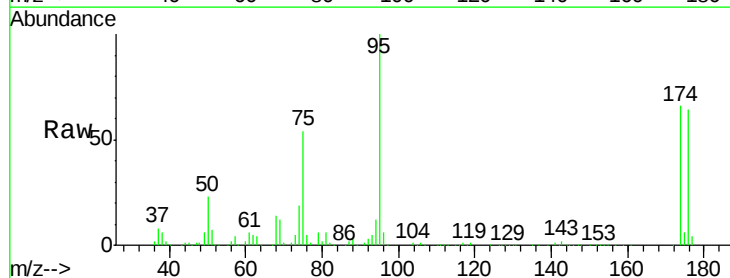


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.90 (108.60 to 109.60): V

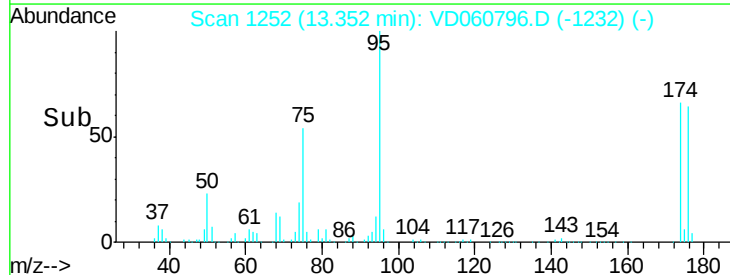
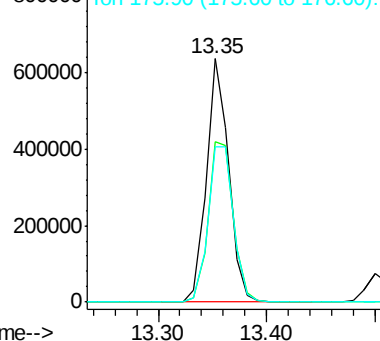


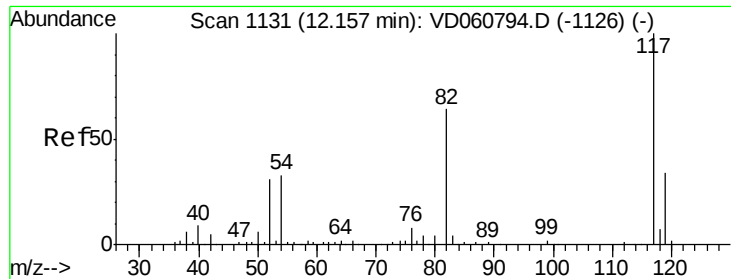
#62
 4-Bromofluorobenzene
 Concen: 101.536 ug/l
 RT: 13.35 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: VD060796.D
 Acq: 28 Jan 2019 17:35

Tgt Ion: 95 Resp: 908384
 Ion Ratio Lower Upper
 95 100
 174 65.8 0.0 169.6
 176 63.7 0.0 163.8



Abundance Ion 95.00 (94.70 to 95.70): VDC
 Ion 173.90 (173.60 to 174.60): V
 Ion 175.90 (175.60 to 176.60): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.16 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Instrument :

MSVOA_D

ClientSampleId :

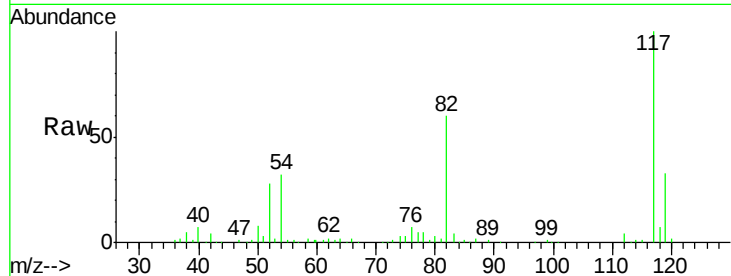
Tgt Ion:117 Resp: 684219

Ion Ratio Lower Upper

117 100

82 59.5 51.5 77.3

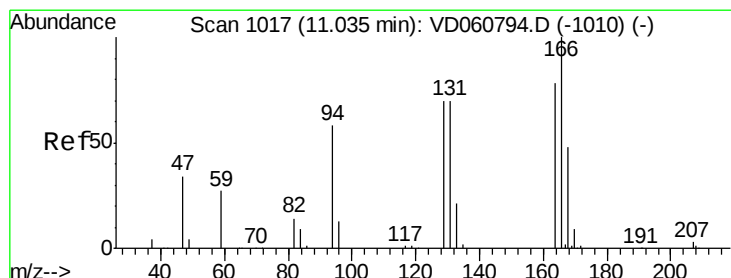
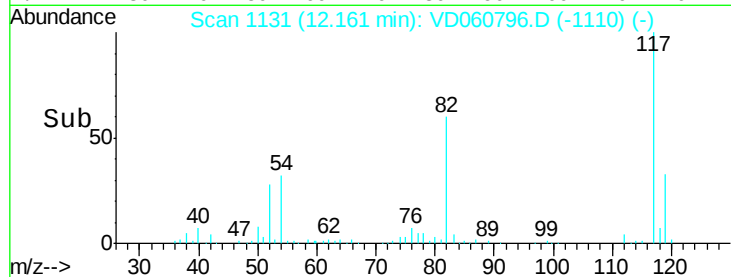
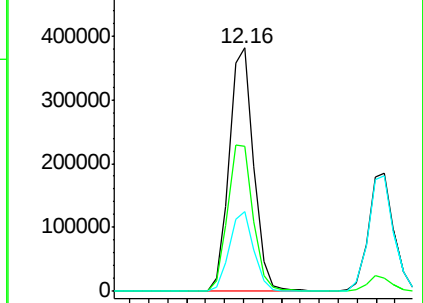
119 32.7 27.1 40.7



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: 94.592 ug/l

RT: 11.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Tgt Ion:164 Resp: 593989

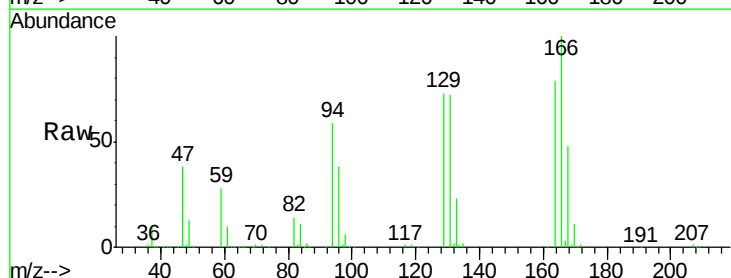
Ion Ratio Lower Upper

164 100

166 126.8 102.6 154.0

129 92.2 72.3 108.5

131 91.1 72.1 108.1

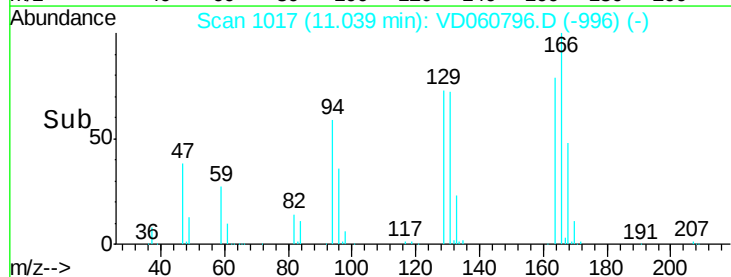
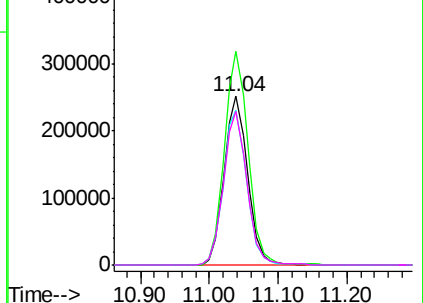


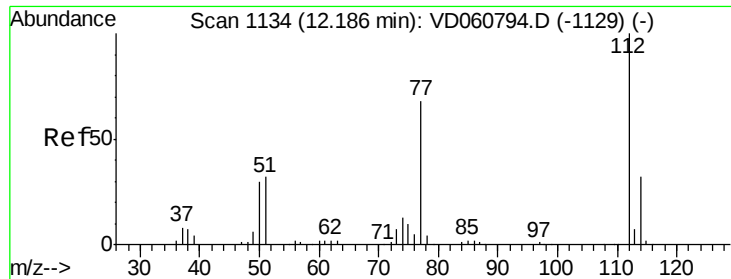
Abundance Ion 163.85 (163.55 to 164.55): V

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

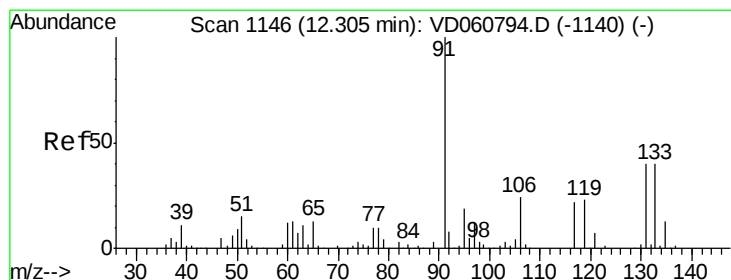
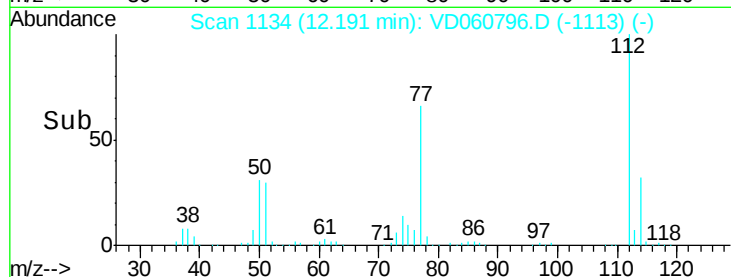
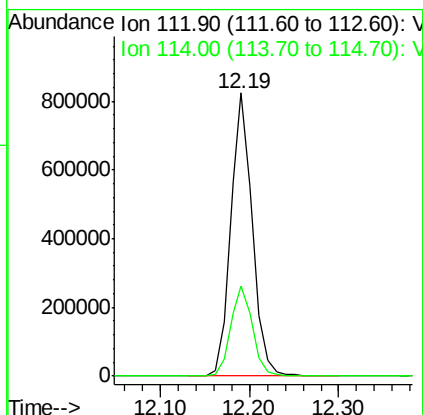
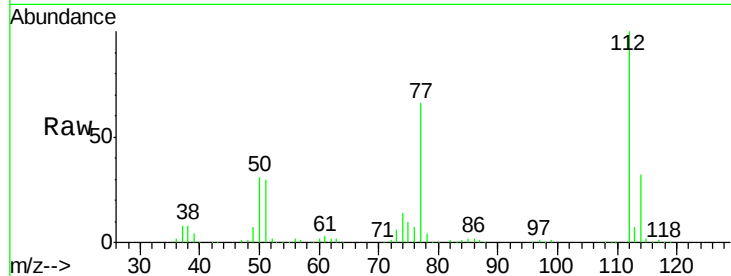




#65
Chlorobenzene
Concen: 89.604 ug/l
RT: 12.19 min Scan# 1134
Delta R.T. 0.00 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

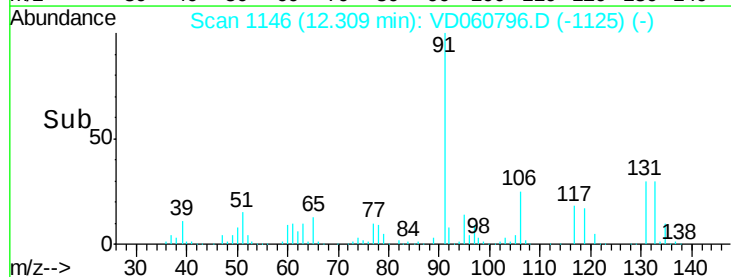
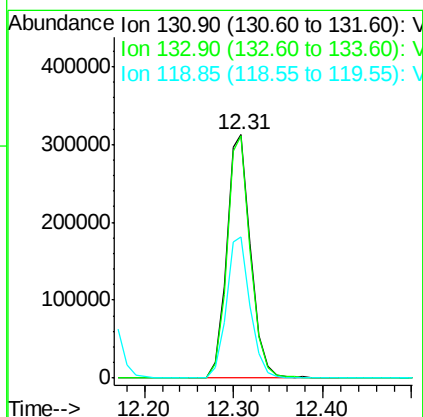
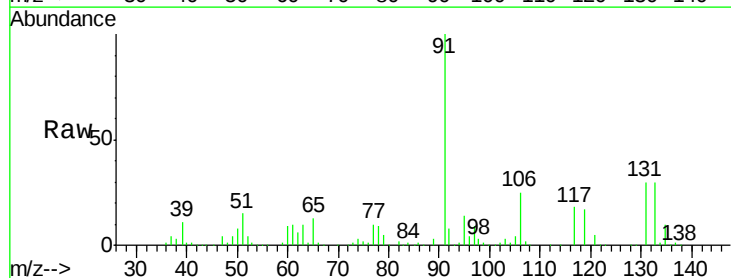
Instrument :
MSVOA_D
ClientSampleId :

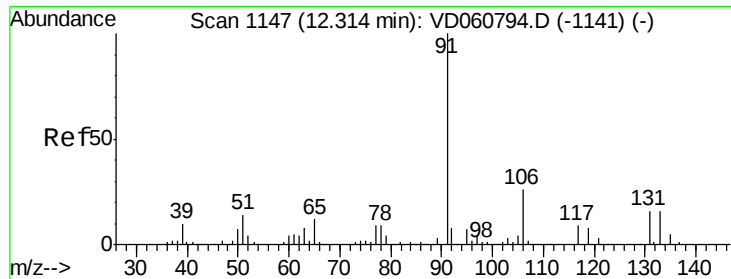
Tgt Ion:112 Resp: 1401050
Ion Ratio Lower Upper
112 100
114 31.7 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 88.170 ug/l
RT: 12.31 min Scan# 1146
Delta R.T. 0.00 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

Tgt Ion:131 Resp: 592299
Ion Ratio Lower Upper
131 100
133 99.3 49.9 149.7
119 57.9 28.5 85.5

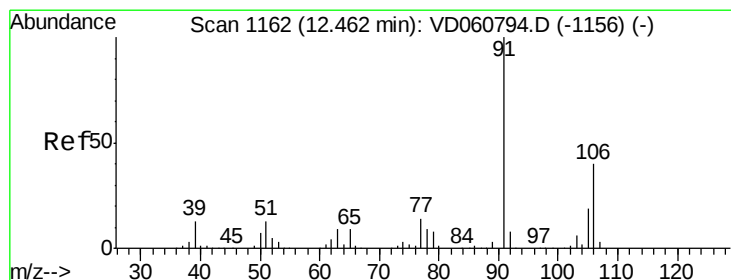
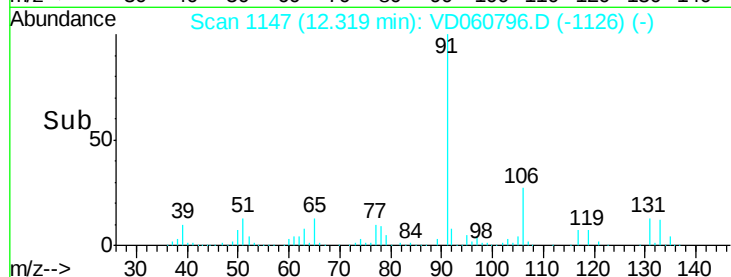
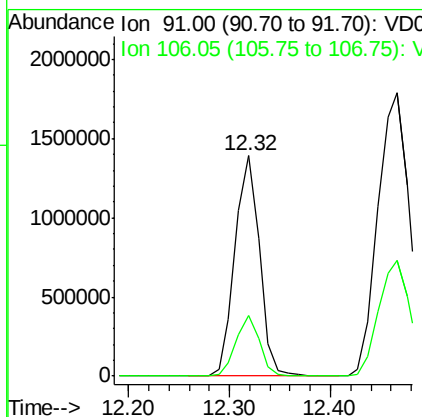
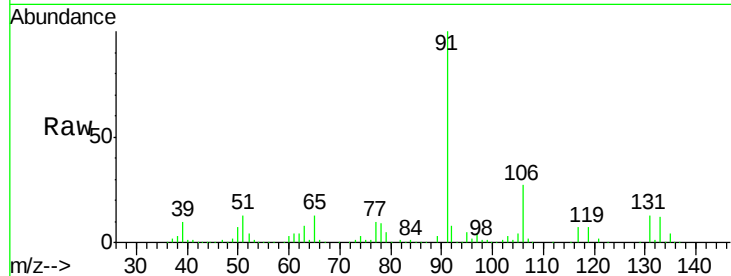




#67
Ethyl Benzene
Concen: 83.902 ug/l
RT: 12.32 min Scan# 1147
Delta R.T. 0.00 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

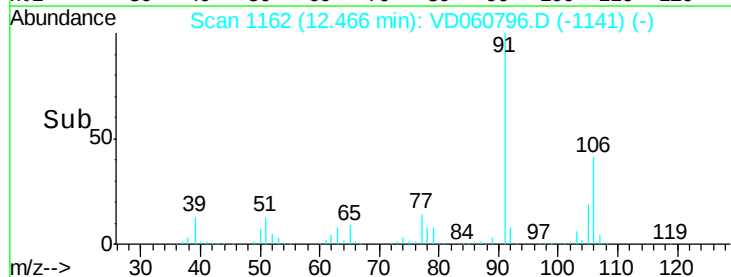
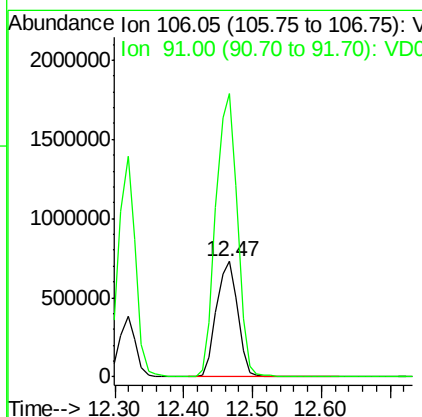
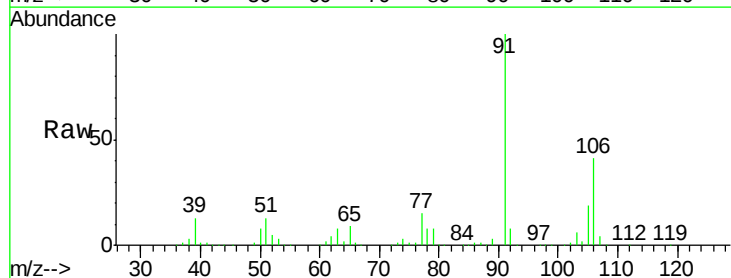
Instrument :
MSVOA_D
ClientSampled :

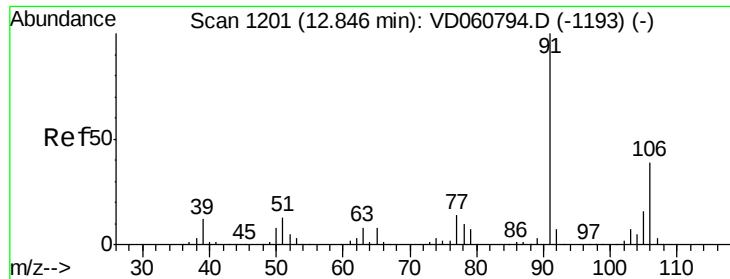
Tgt Ion: 91 Resp: 2359023
Ion Ratio Lower Upper
91 100
106 27.3 21.0 31.6



#68
m/p-Xylenes
Concen: 170.186 ug/l
RT: 12.47 min Scan# 1162
Delta R.T. 0.00 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

Tgt Ion: 106 Resp: 1556776
Ion Ratio Lower Upper
106 100
91 245.4 200.5 300.7

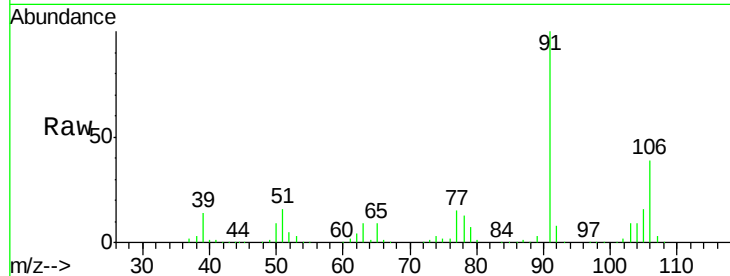




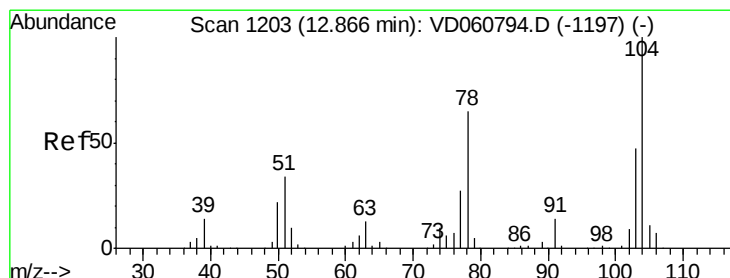
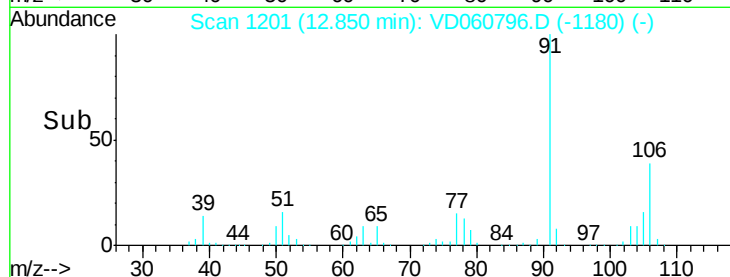
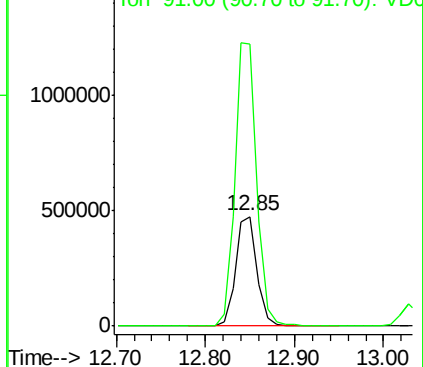
#69
o-Xylene
Concen: 87.930 ug/l
RT: 12.85 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:106 Resp: 796087
Ion Ratio Lower Upper
106 100
91 257.1 127.6 382.7

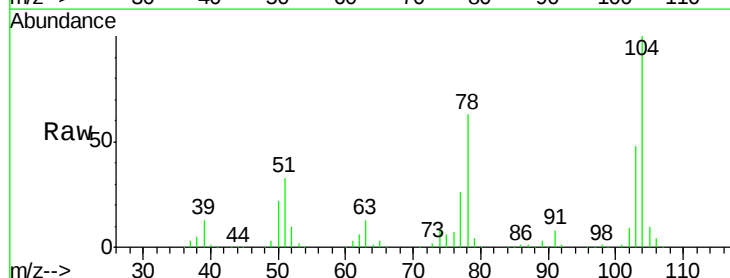


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

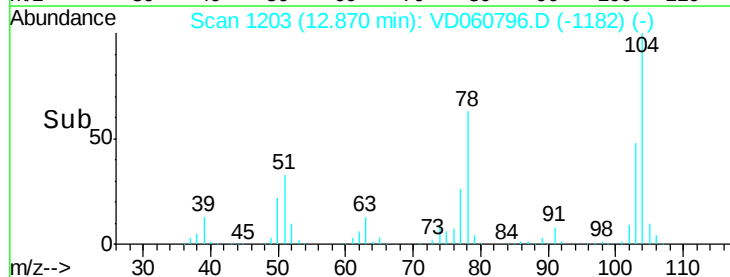
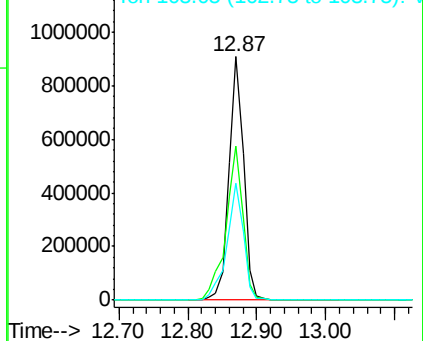


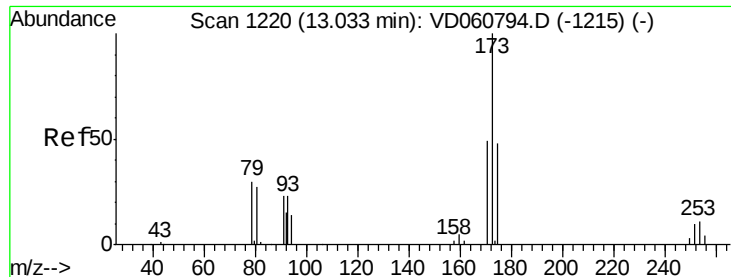
#70
Styrene
Concen: 88.170 ug/l
RT: 12.87 min Scan# 1203
Delta R.T. 0.00 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

Tgt Ion:104 Resp: 1338614
Ion Ratio Lower Upper
104 100
78 63.5 52.0 78.0
103 47.9 37.7 56.5



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





#71

Bromoform

Concen: 100.529 ug/l

RT: 13.03 min Scan# 1219

Delta R.T. -0.01 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Instrument :

MSVOA_D

ClientSampled :

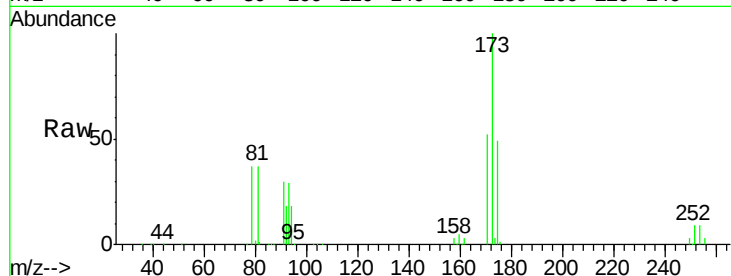
Tgt Ion:173 Resp: 508812

Ion Ratio Lower Upper

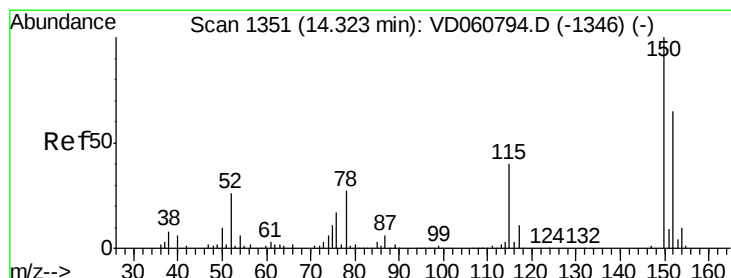
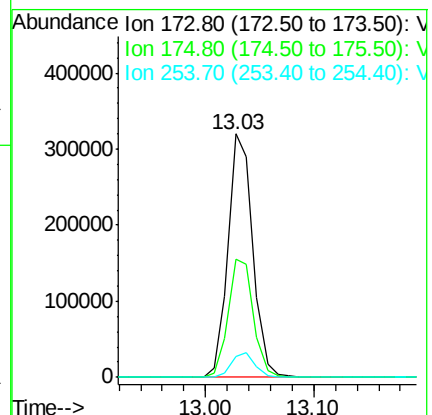
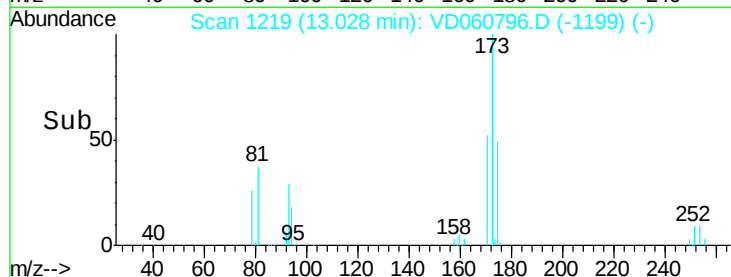
173 100

175 48.7 24.1 72.4

254 8.6 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. -0.01 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

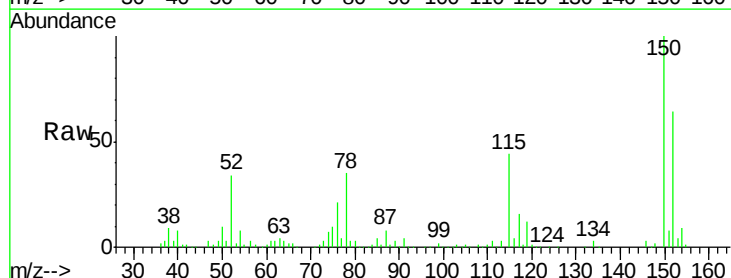
Tgt Ion:152 Resp: 340033

Ion Ratio Lower Upper

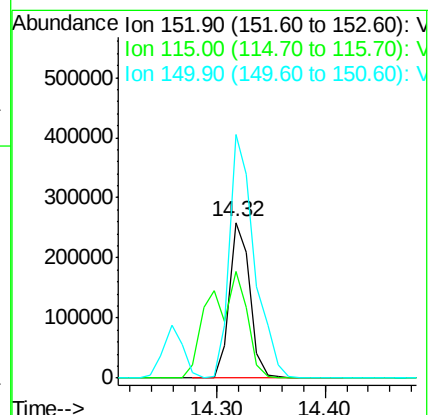
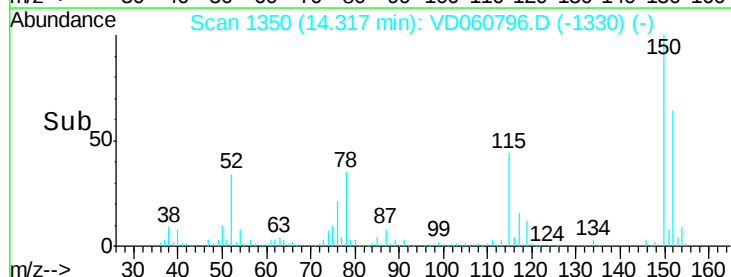
152 100

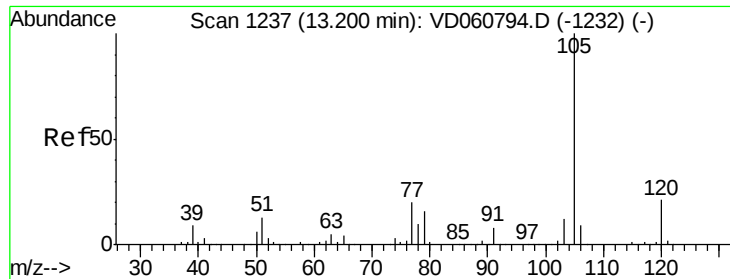
115 68.8 31.6 95.0

150 156.4 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: 90.372 ug/l

RT: 13.20 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Instrument :

MSVOA_D

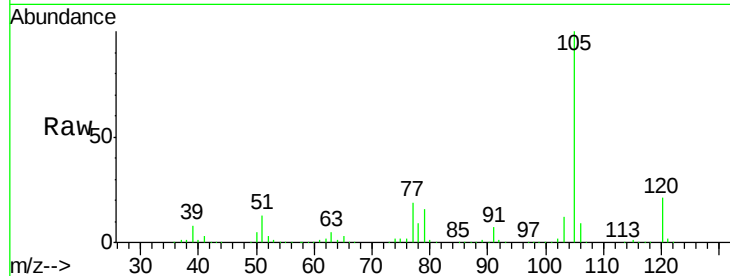
ClientSampleId :

Tgt Ion:105 Resp: 2450065

Ion Ratio Lower Upper

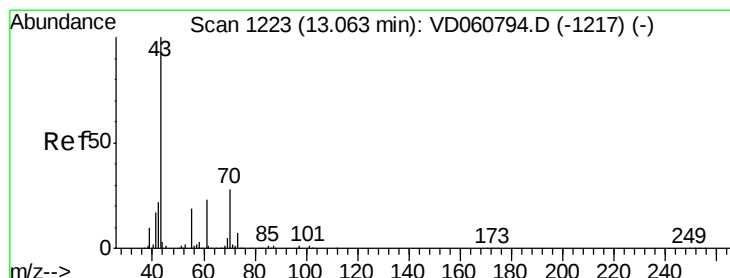
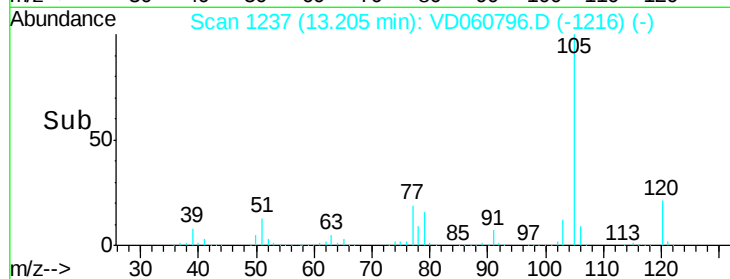
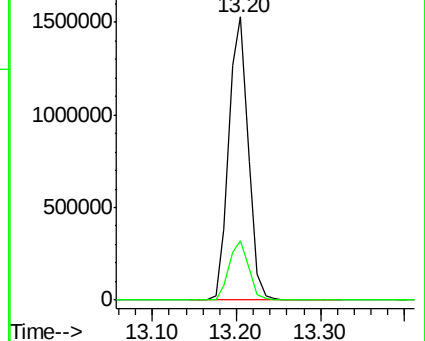
105 100

120 20.8 10.7 32.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 103.557 ug/l

RT: 13.07 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Tgt Ion: 43 Resp: 863108

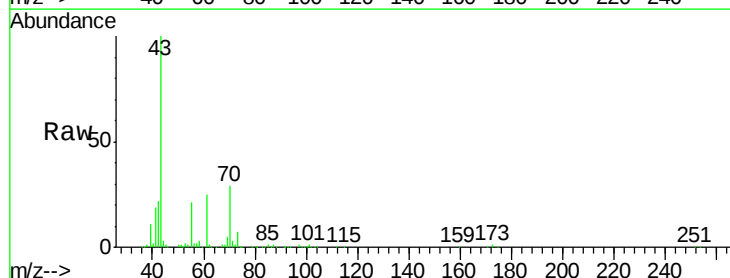
Ion Ratio Lower Upper

43 100

70 29.5 22.2 33.4

55 20.7 15.5 23.3

61 25.4 18.4 27.6

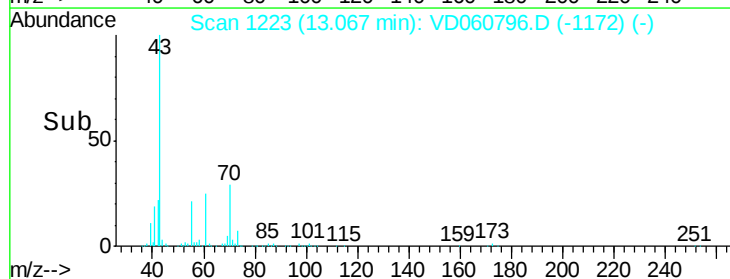
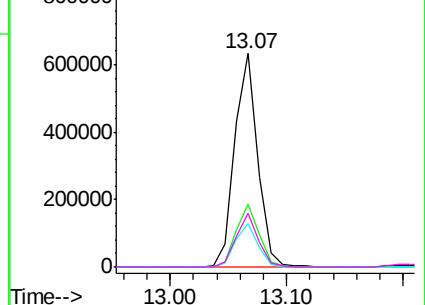


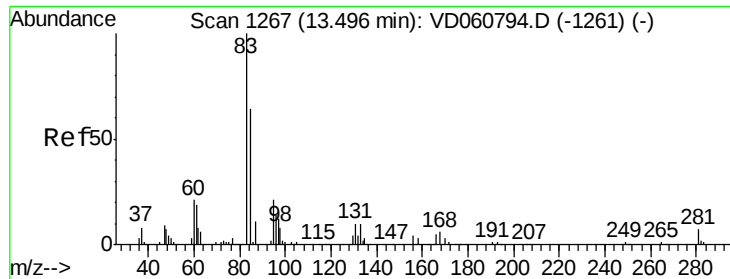
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 99.067 ug/l

RT: 13.50 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Instrument :

MSVOA_D

ClientSampleId :

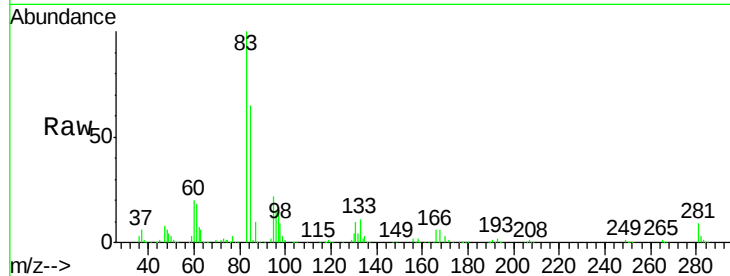
Tgt Ion: 83 Resp: 489037

Ion Ratio Lower Upper

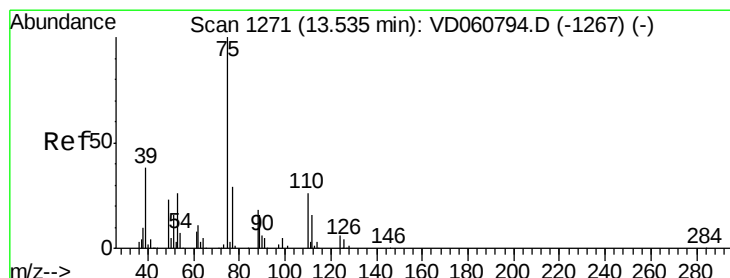
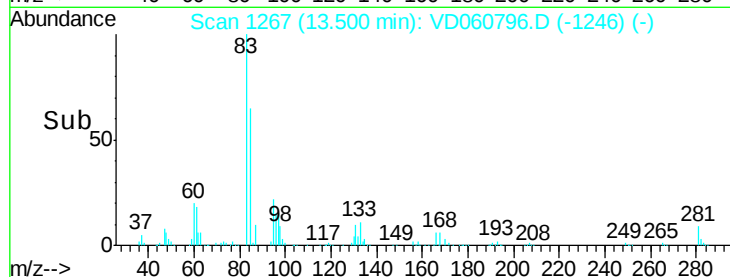
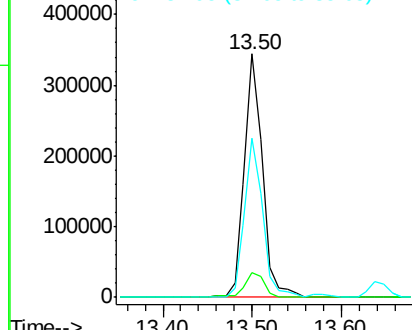
83 100

131 10.3 5.0 15.0

85 65.5 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: 102.122 ug/l

RT: 13.53 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VD060796.D

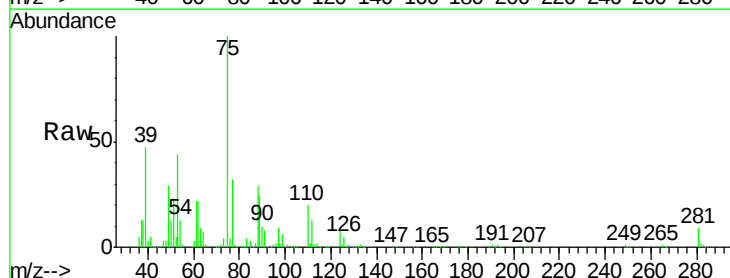
Acq: 28 Jan 2019 17:35

Tgt Ion: 75 Resp: 636773

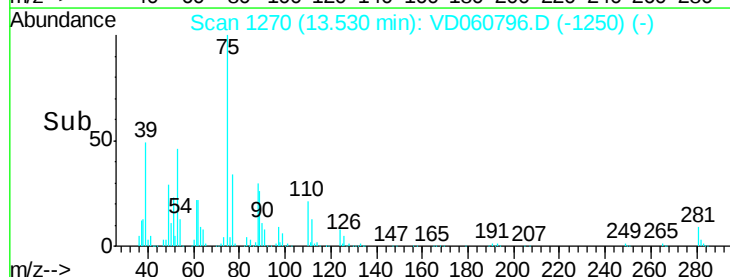
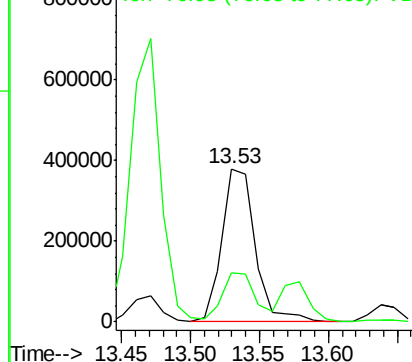
Ion Ratio Lower Upper

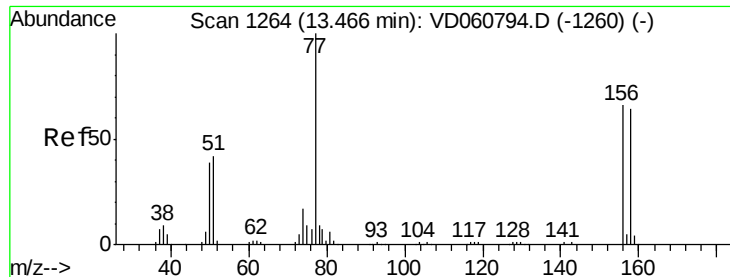
75 100

77 32.3 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: 98.123 ug/l

RT: 13.47 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Instrument :

MSVOA_D

ClientSampleId :

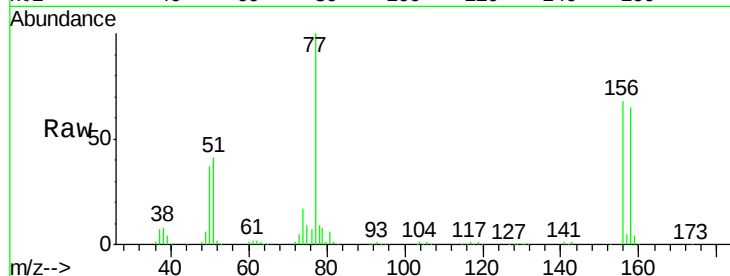
Tgt Ion:156 Resp: 683832

Ion Ratio Lower Upper

156 100

77 148.0 76.0 228.0

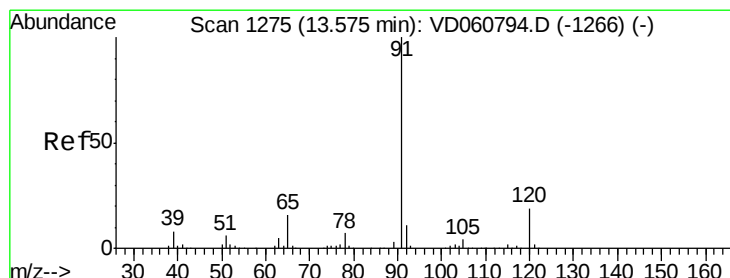
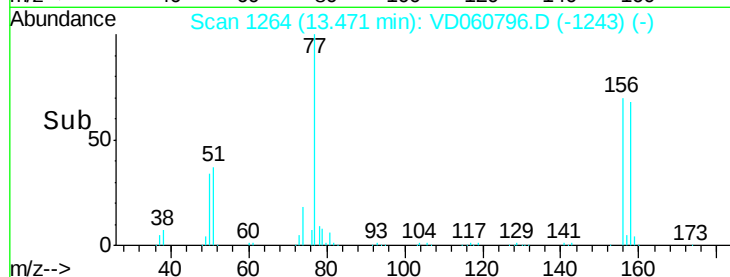
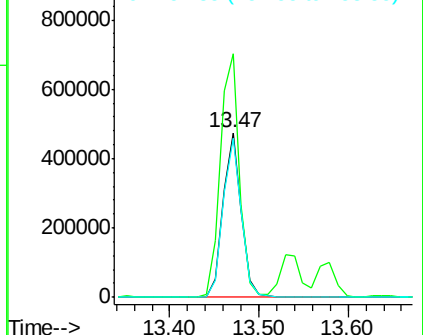
158 96.4 48.4 145.0



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: 93.662 ug/l

RT: 13.58 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VD060796.D

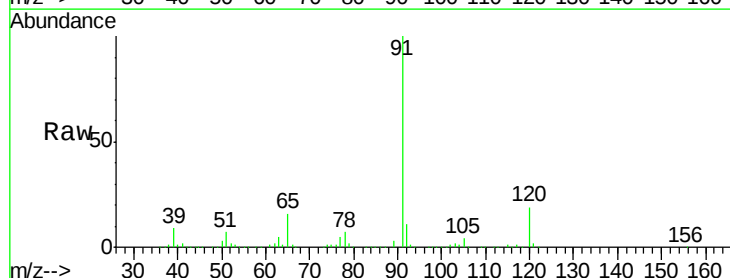
Acq: 28 Jan 2019 17:35

Tgt Ion: 91 Resp: 3187671

Ion Ratio Lower Upper

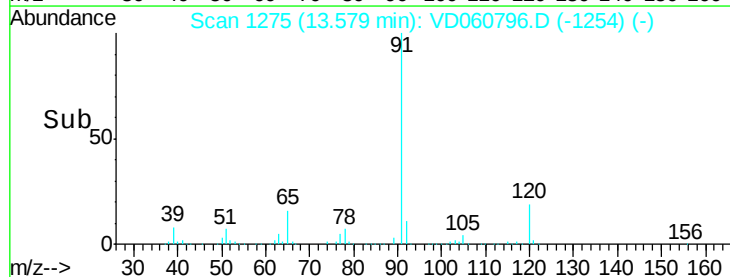
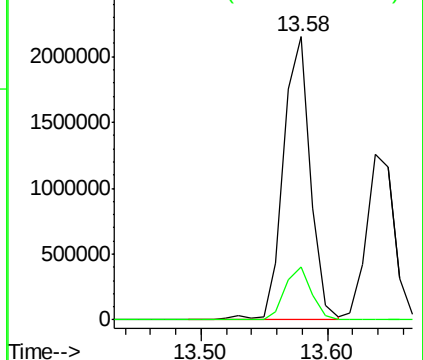
91 100

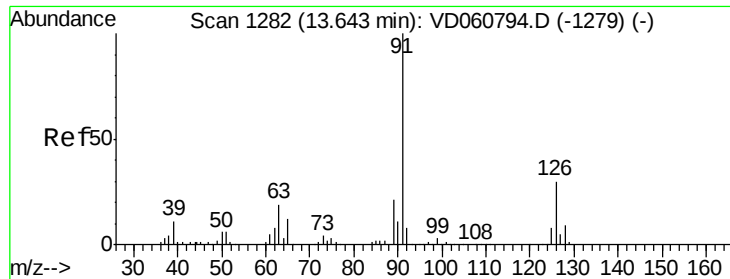
120 18.6 9.7 28.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 92.958 ug/l

RT: 13.64 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Instrument :

MSVOA_D

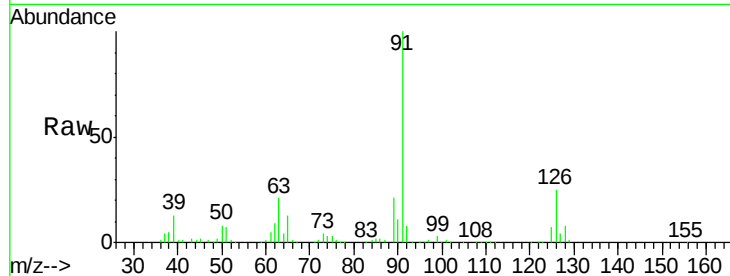
ClientSampled :

Tgt Ion: 91 Resp: 1929676

Ion Ratio Lower Upper

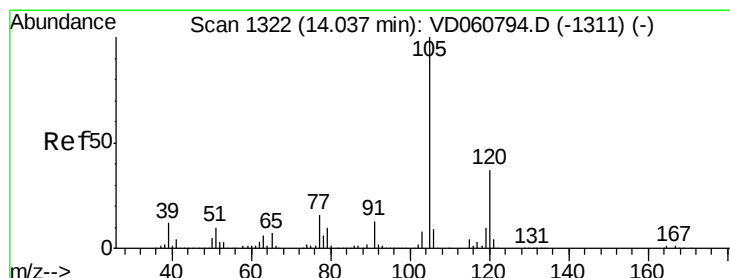
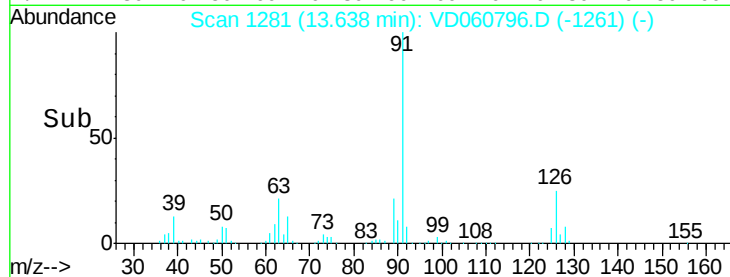
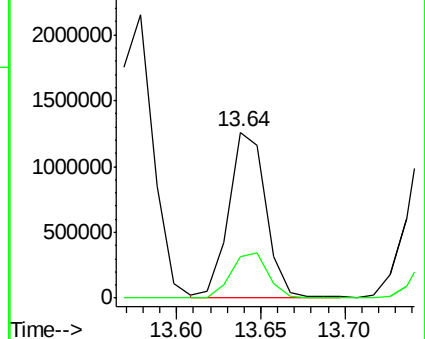
91 100

126 25.2 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VD060796.D (-1279) (-)

Ion 125.95 (125.65 to 126.65): VD060796.D (-1279) (-)



#80

1,3,5-Trimethylbenzene

Concen: 91.700 ug/l

RT: 14.04 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VD060796.D

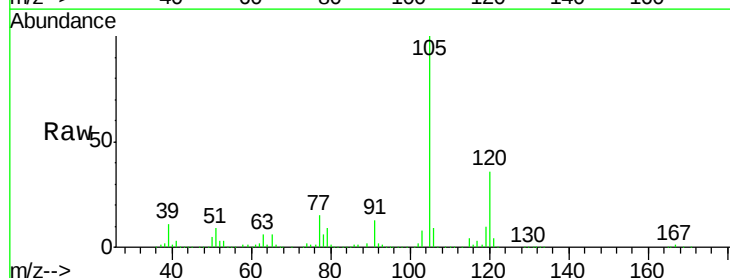
Acq: 28 Jan 2019 17:35

Tgt Ion: 105 Resp: 2140235

Ion Ratio Lower Upper

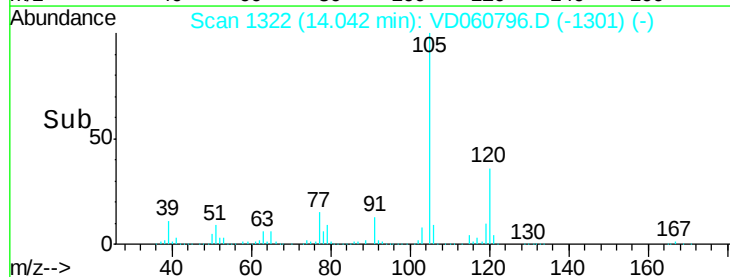
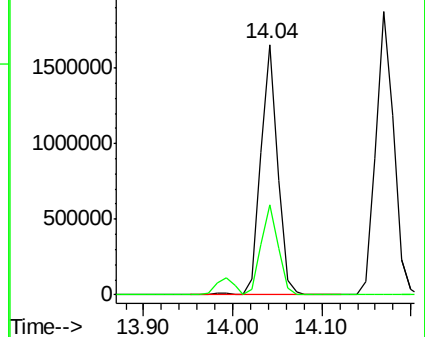
105 100

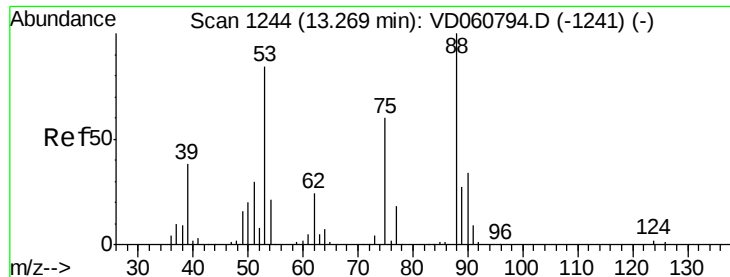
120 36.2 18.4 55.2



Abundance Ion 105.05 (104.75 to 105.75): VD060796.D (-1301) (-)

Ion 120.05 (119.75 to 120.75): VD060796.D (-1301) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 101.385 ug/l

RT: 13.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Instrument :

MSVOA_D

ClientSampleId :

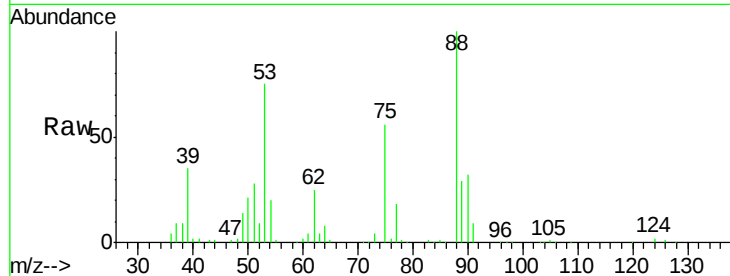
Tgt Ion: 75 Resp: 164814

Ion Ratio Lower Upper

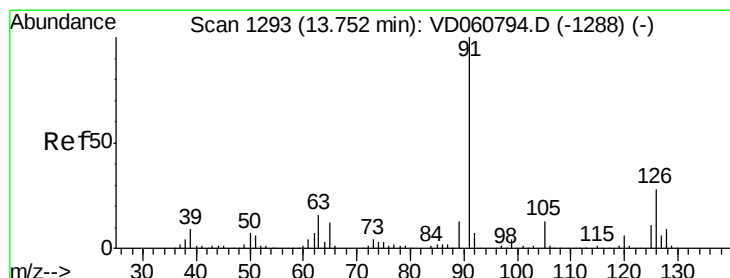
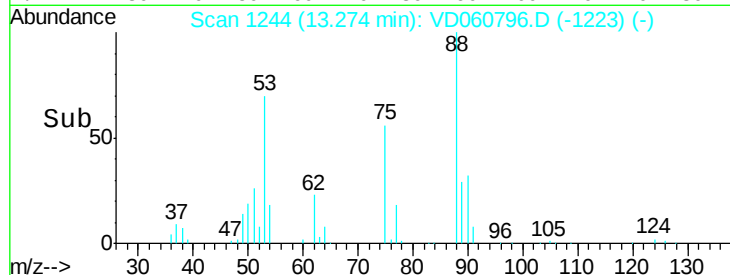
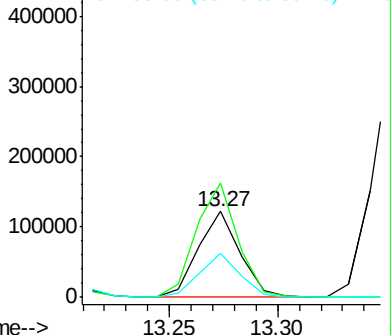
75 100

53 132.6 111.6 167.4

89 51.2 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: 91.220 ug/l

RT: 13.75 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VD060796.D

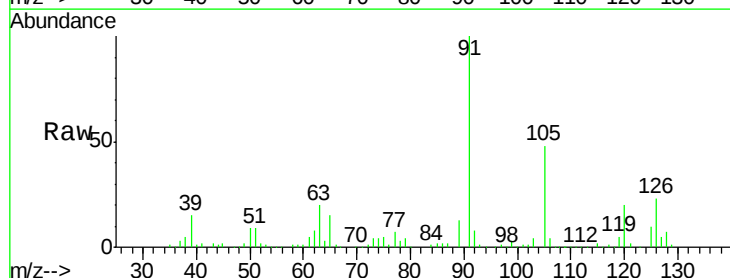
Acq: 28 Jan 2019 17:35

Tgt Ion: 91 Resp: 2104553

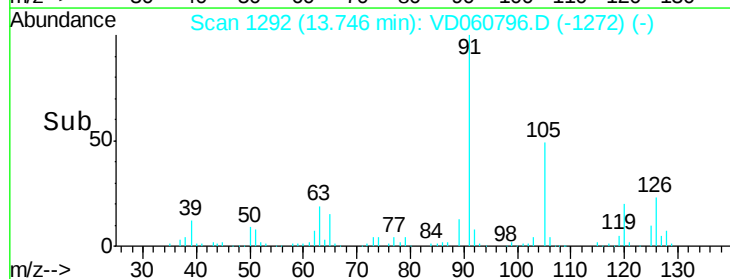
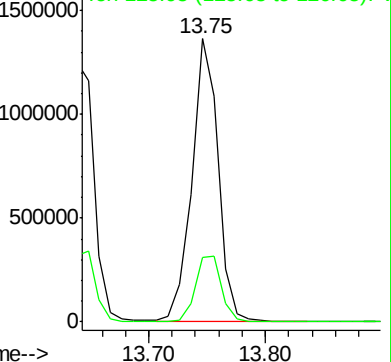
Ion Ratio Lower Upper

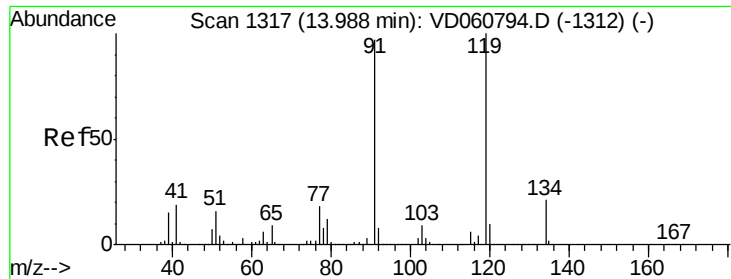
91 100

126 23.0 13.9 41.7



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

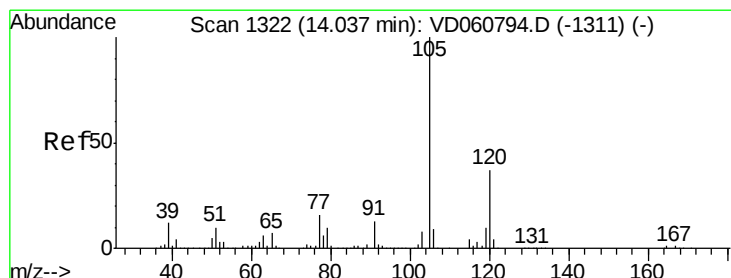
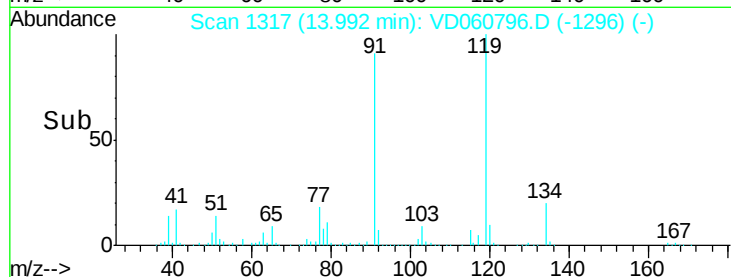
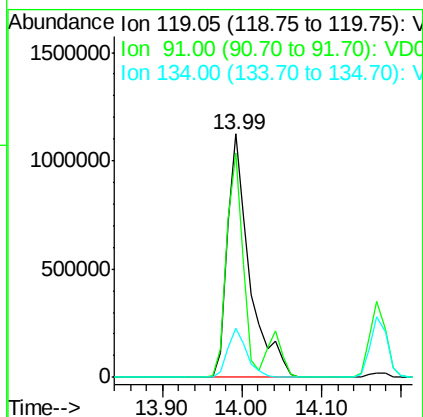
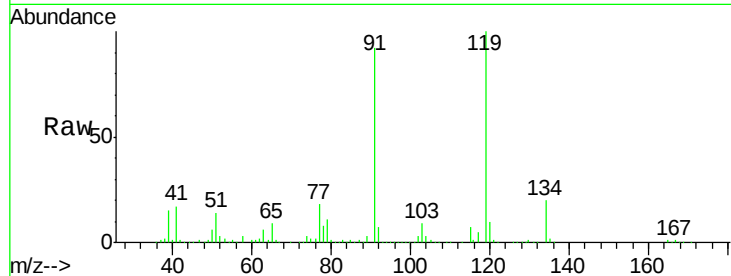




#83
 tert-Butylbenzene
 Concen: 89.979 ug/l
 RT: 13.99 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VD060796.D
 Acq: 28 Jan 2019 17:35

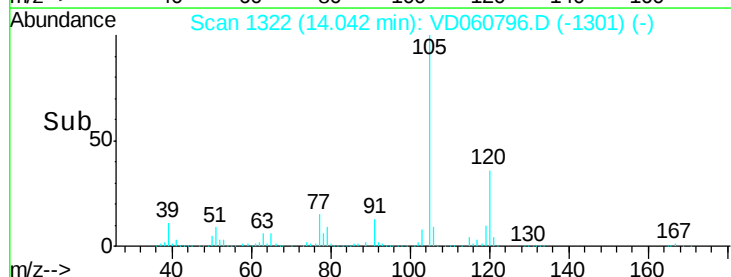
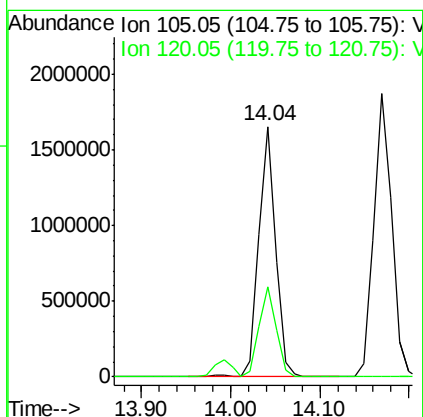
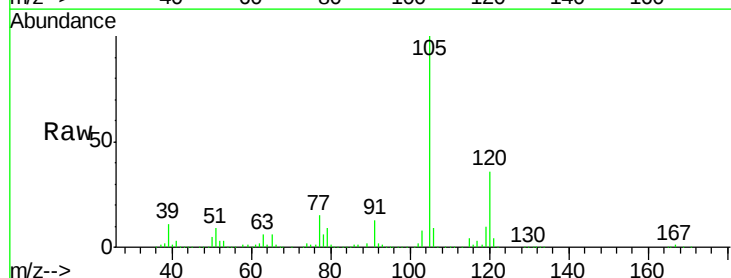
Instrument :
 MSVOA_D
 ClientSampleId :

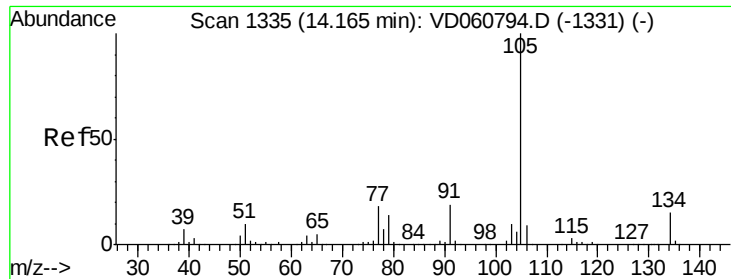
Tgt Ion:119 Resp: 2197159
 Ion Ratio Lower Upper
 119 100
 91 92.1 48.5 145.5
 134 20.3 10.3 30.8



#84
 1,2,4-Trimethylbenzene
 Concen: 91.700 ug/l
 RT: 14.04 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VD060796.D
 Acq: 28 Jan 2019 17:35

Tgt Ion:105 Resp: 2140235
 Ion Ratio Lower Upper
 105 100
 120 36.2 18.4 55.2

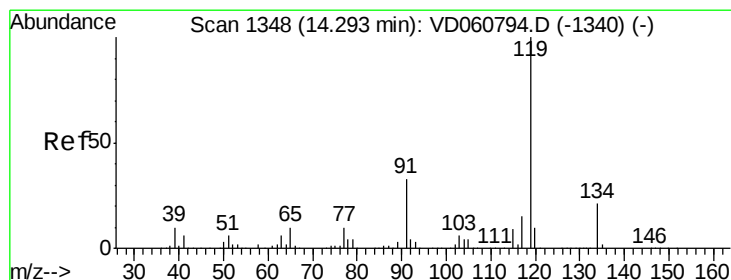
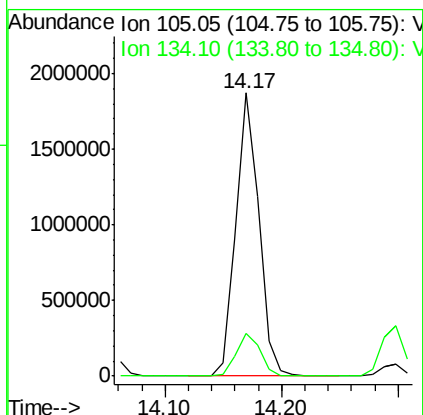
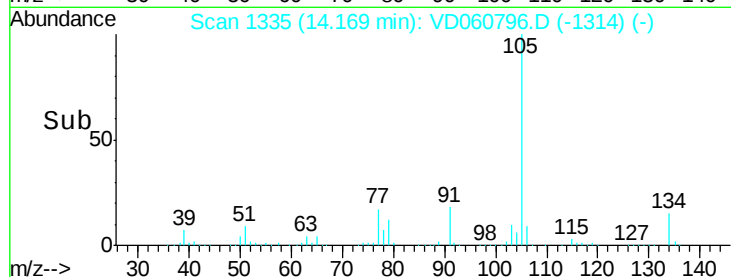
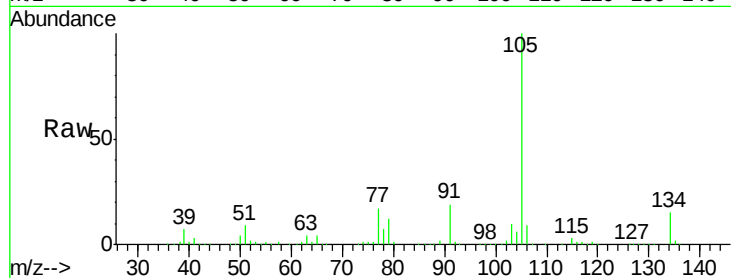




#85
 sec-Butylbenzene
 Concen: 92.155 ug/l
 RT: 14.17 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VD060796.D
 Acq: 28 Jan 2019 17:35

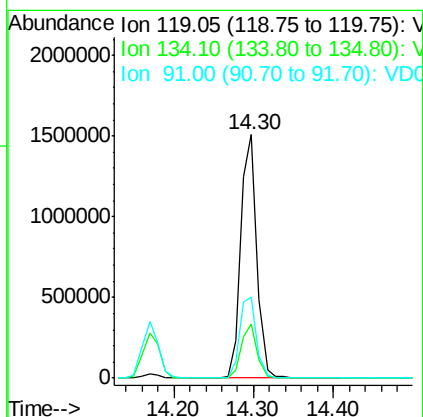
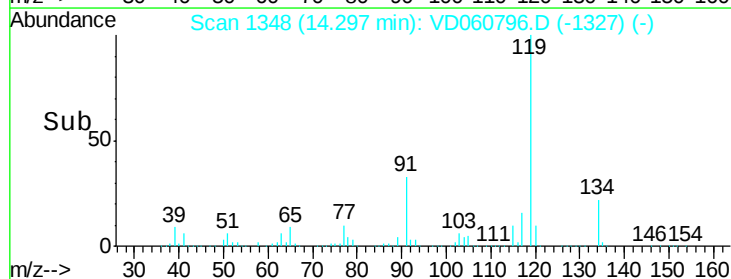
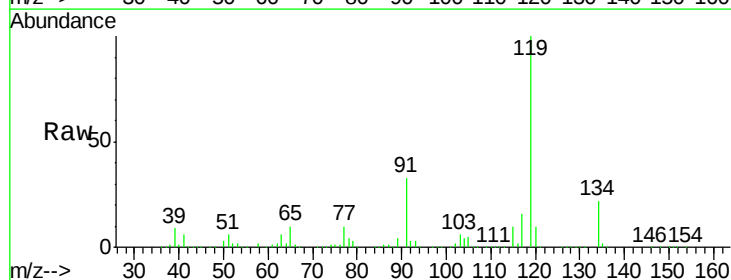
Instrument :
 MSVOA_D
 ClientSampled :

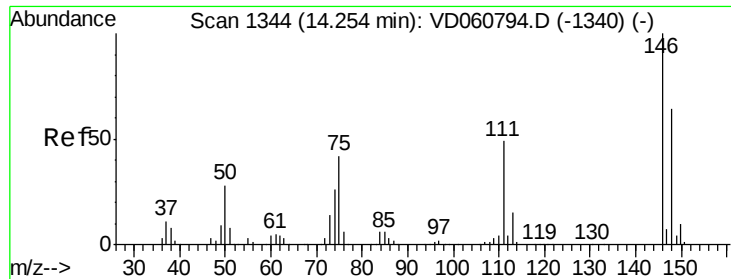
Tgt Ion:105 Resp: 2561538
 Ion Ratio Lower Upper
 105 100
 134 15.1 7.4 22.2



#86
 p-Isopropyltoluene
 Concen: 93.200 ug/l
 RT: 14.30 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VD060796.D
 Acq: 28 Jan 2019 17:35

Tgt Ion:119 Resp: 2103266
 Ion Ratio Lower Upper
 119 100
 134 22.2 10.8 32.3
 91 33.3 16.7 50.0





#87

1,3-Dichlorobenzene

Concen: 91.219 ug/l

RT: 14.26 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

Instrument :

MSVOA_D

ClientSampled :

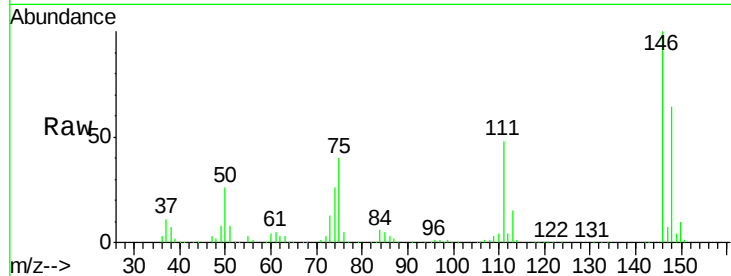
Tgt Ion:146 Resp: 1137052

Ion Ratio Lower Upper

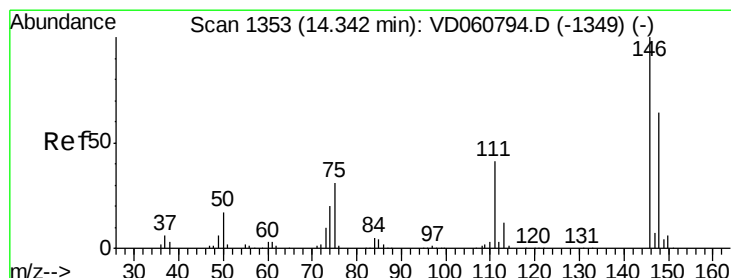
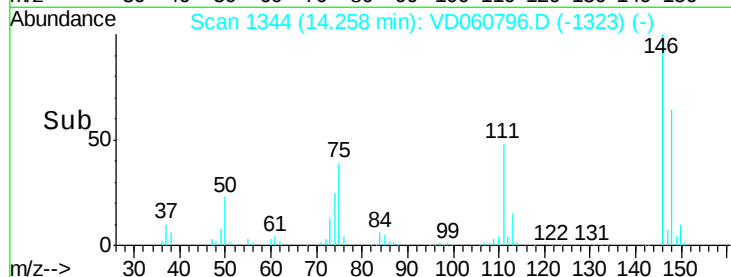
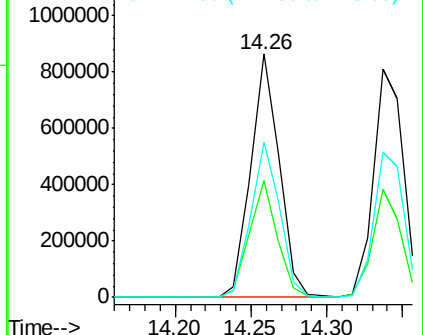
146 100

111 48.1 24.3 73.0

148 63.6 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: 94.324 ug/l

RT: 14.34 min Scan# 1352

Delta R.T. -0.01 min

Lab File: VD060796.D

Acq: 28 Jan 2019 17:35

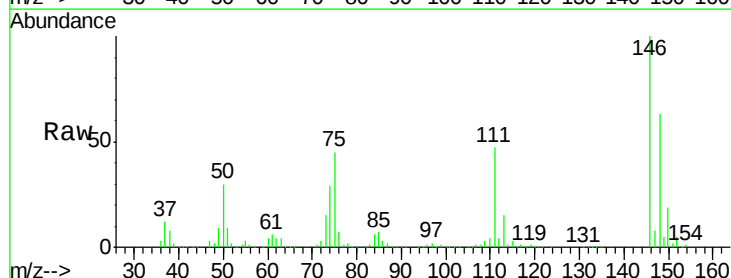
Tgt Ion:146 Resp: 1142399

Ion Ratio Lower Upper

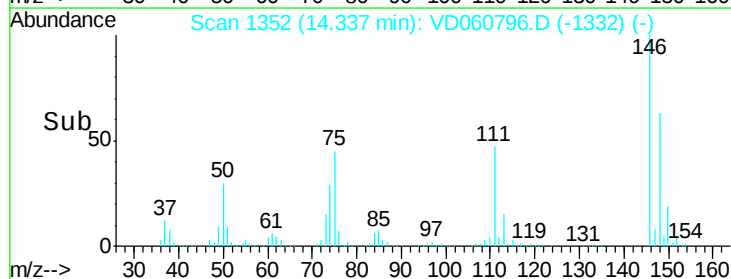
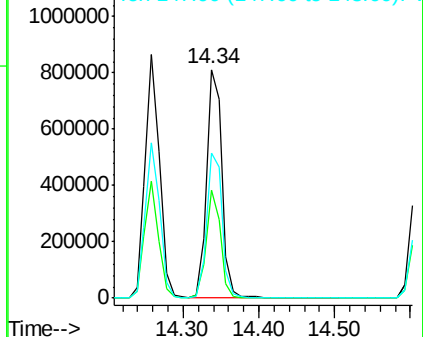
146 100

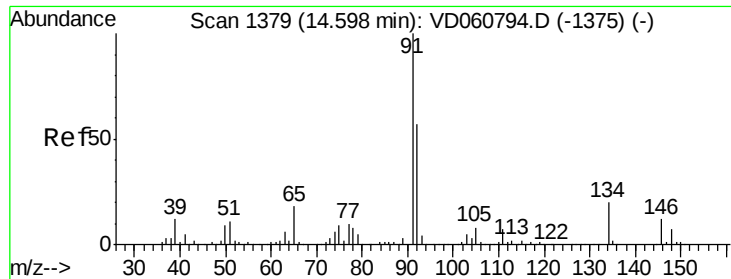
111 46.9 20.6 61.8

148 63.5 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

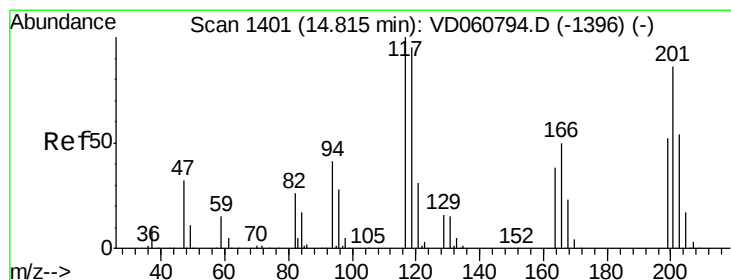
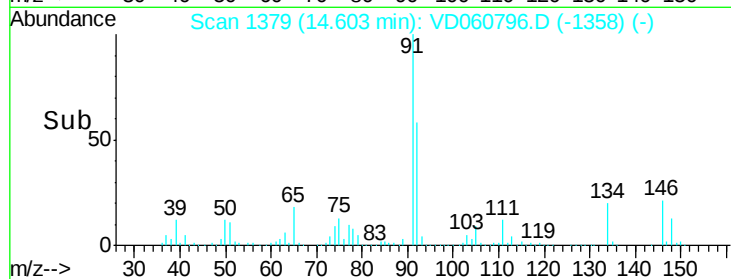
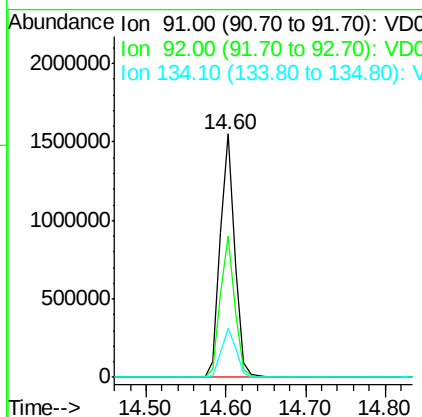
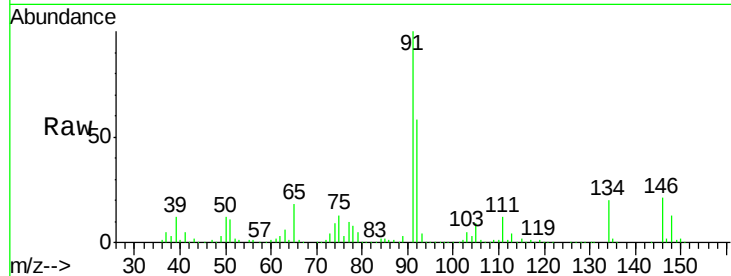




#89
n-Butylbenzene
Concen: 85.610 ug/l
RT: 14.60 min Scan# 1379
Delta R.T. 0.00 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

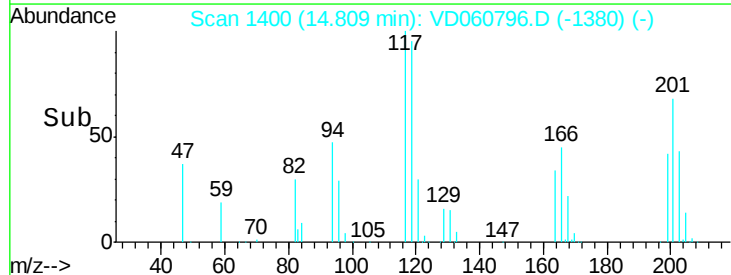
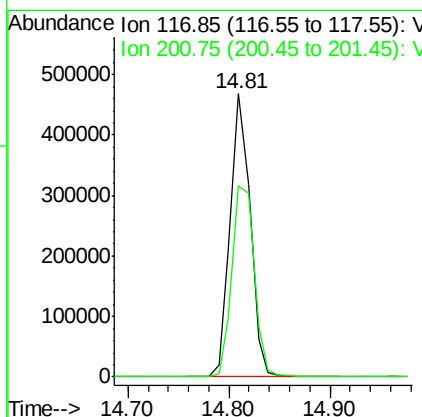
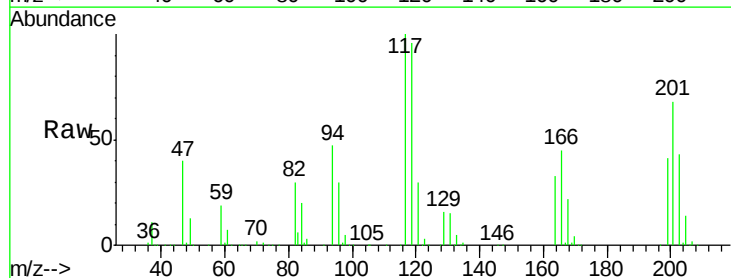
Instrument :
MSVOA_D
ClientSampleId :

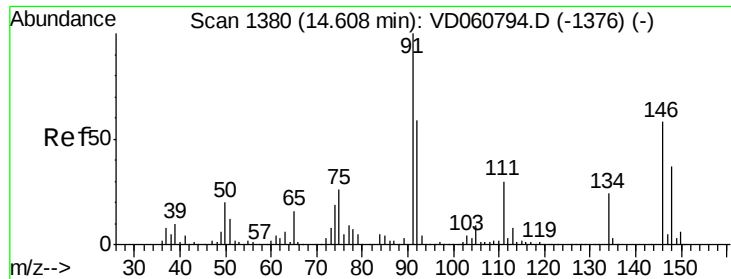
Tgt Ion: 91 Resp: 2015726
Ion Ratio Lower Upper
91 100
92 58.1 28.5 85.5
134 20.4 10.0 29.8



#90
Hexachloroethane
Concen: 96.339 ug/l
RT: 14.81 min Scan# 1400
Delta R.T. -0.01 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

Tgt Ion: 117 Resp: 646974
Ion Ratio Lower Upper
117 100
201 67.6 43.0 128.8

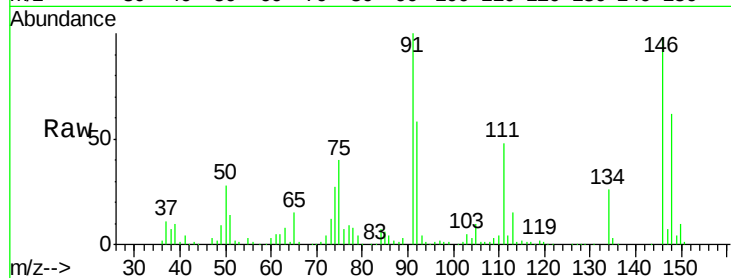




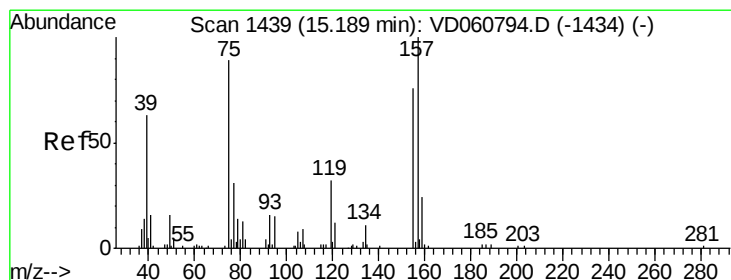
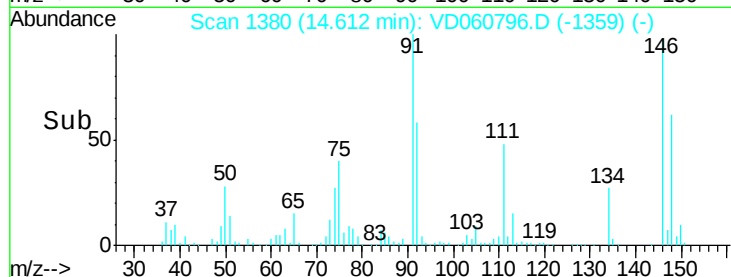
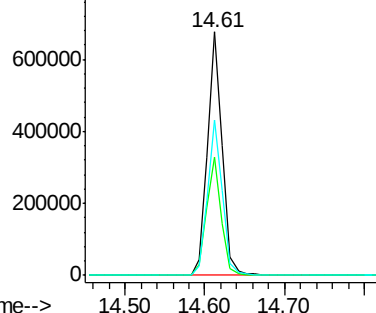
#91
 1,2-Dichlorobenzene
 Concen: 85.625 ug/l
 RT: 14.61 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: VD060796.D
 Acq: 28 Jan 2019 17:35

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 146 Resp: 885923
 Ion Ratio Lower Upper
 146 100
 111 48.7 25.6 76.8
 148 63.8 31.4 94.3

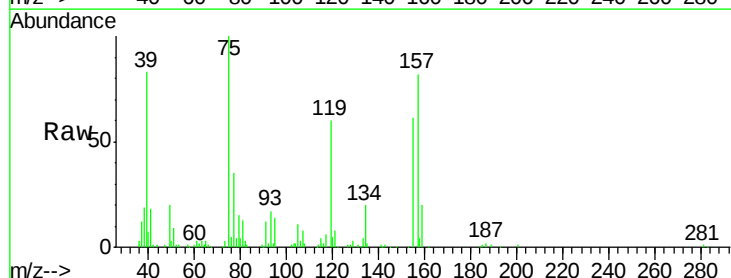


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

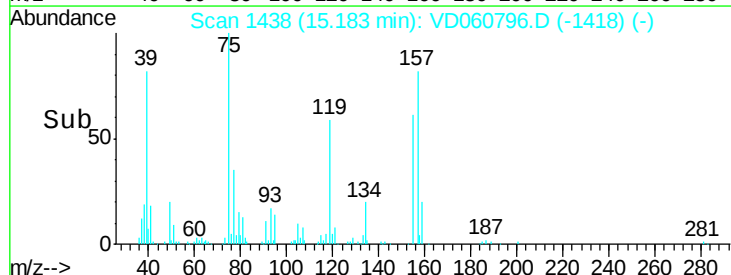
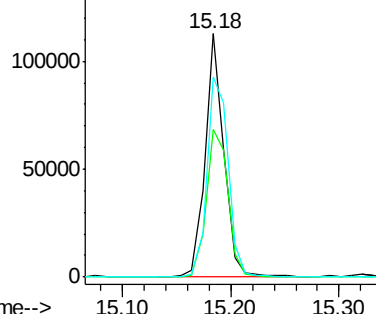


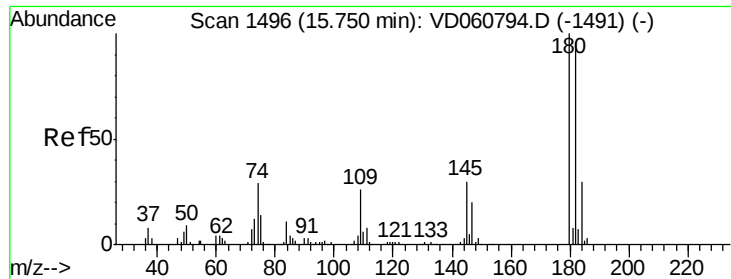
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 116.358 ug/l
 RT: 15.18 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: VD060796.D
 Acq: 28 Jan 2019 17:35

Tgt Ion: 75 Resp: 136462
 Ion Ratio Lower Upper
 75 100
 155 60.6 43.0 129.0
 157 82.2 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

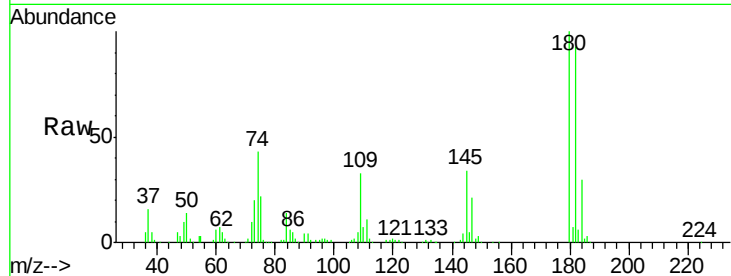




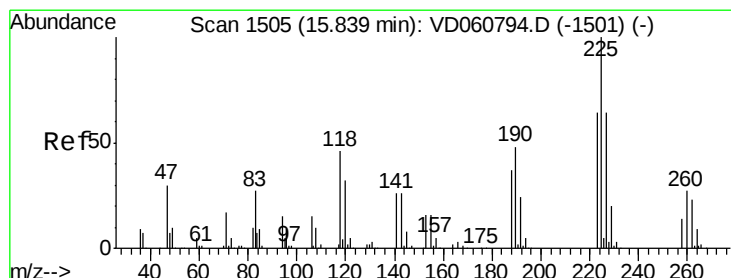
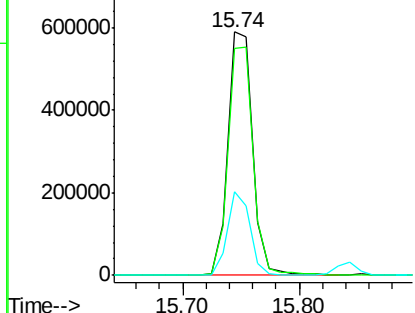
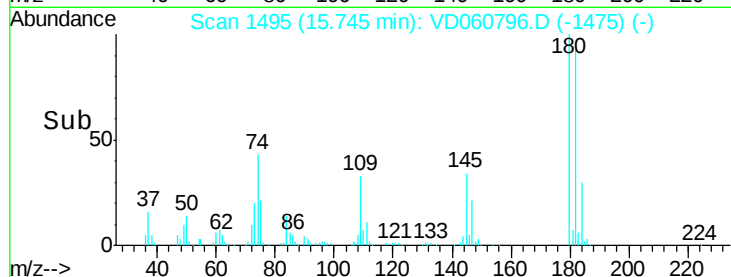
#93
 1,2,4-Trichlorobenzene
 Concen: 97.016 ug/l
 RT: 15.74 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: VD060796.D
 Acq: 28 Jan 2019 17:35

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:180 Resp: 869153
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.9 143.7
 145 34.2 15.0 45.1

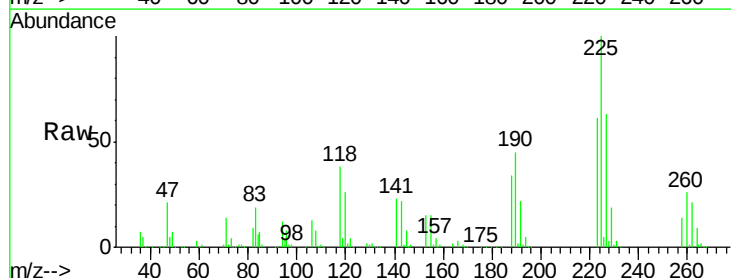


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

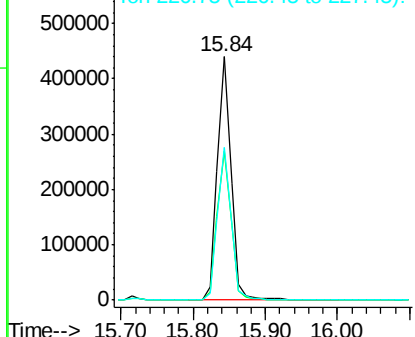
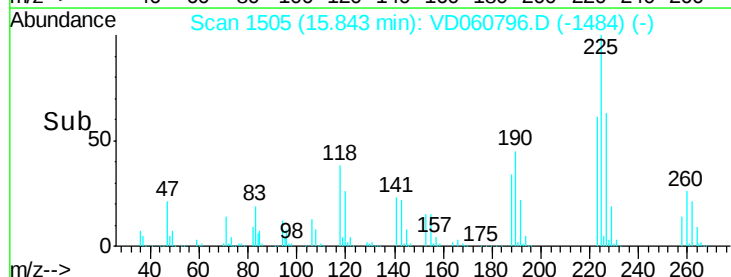


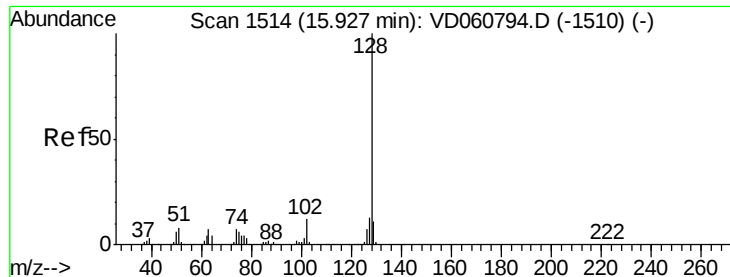
#94
 Hexachlorobutadiene
 Concen: 85.059 ug/l
 RT: 15.84 min Scan# 1505
 Delta R.T. 0.00 min
 Lab File: VD060796.D
 Acq: 28 Jan 2019 17:35

Tgt Ion:225 Resp: 571753
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.8 95.4
 227 62.6 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

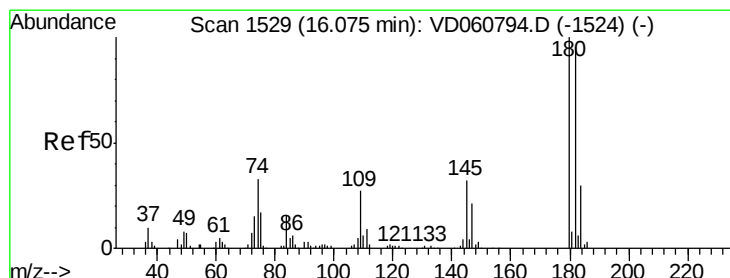
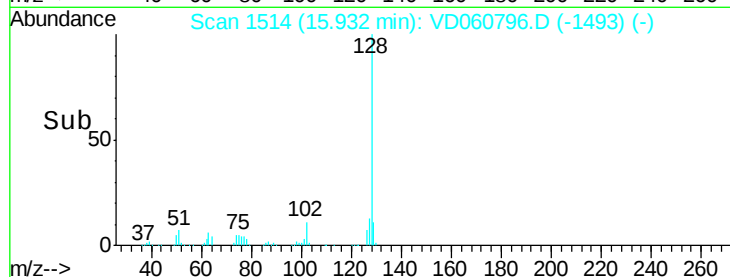
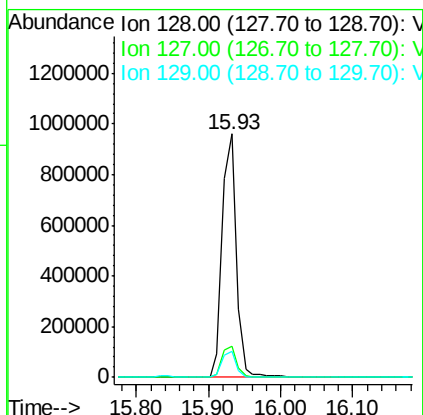
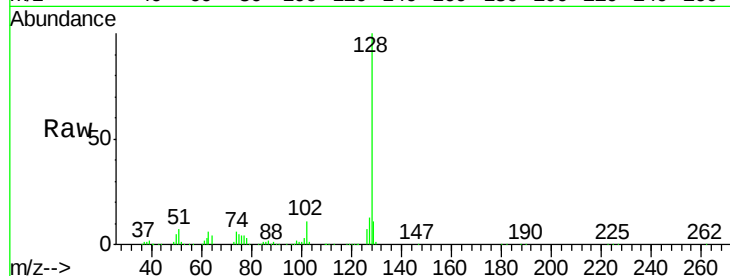




#95
Naphthalene
Concen: 94.502 ug/l
RT: 15.93 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 1300806
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 91.655 ug/l
RT: 16.08 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VD060796.D
Acq: 28 Jan 2019 17:35

Tgt Ion:180 Resp: 714015
Ion Ratio Lower Upper
180 100
182 96.8 47.4 142.3
145 31.7 15.8 47.4

