

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\
 Data File : VD061395.D
 Acq On : 28 Mar 2019 17:14
 Operator : VA/AP
 Sample : K2043-03
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB442-190319-(14-16)

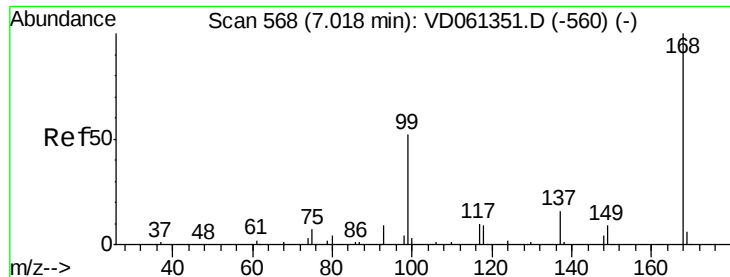
Quant Time: Mar 29 01:20:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	37440	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.21	114	77705	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	64116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	26304	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	30825	96.38	ug/l	0.01
Spiked Amount			Recovery	=	192.76%	
35) Dibromofluoromethane	6.92	113	34868	58.72	ug/l	0.02
Spiked Amount			Recovery	=	117.44%	
50) Toluene-d8	10.41	98	71429	50.15	ug/l	0.02
Spiked Amount			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	13.55	95	27056	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.20	94	301	5.070	ug/l #	10
10) Methyl Iodide	3.36	142	1358	5.242	ug/l #	38
11) Tert butyl alcohol	4.04	59	454	22.794	ug/l #	76
16) Acetone	3.22	43	36152	439.715	ug/l	94
20) Methylene Chloride	3.83	84	5972	11.487	ug/l	91
25) 2-Butanone	6.08	43	5585	54.002	ug/l #	54
26) 2,2-Dichloropropane	6.15	77	5055	9.122	ug/l #	50
27) cis-1,2-Dichloroethene	6.05	96	2129	4.479	ug/l	80
29) Tetrahydrofuran	6.14	42	184	3.671	ug/l #	30
36) 1,1-Dichloropropene	7.04	75	2228	3.285	ug/l #	38
37) Ethyl Acetate	6.08	43	5585	19.256	ug/l #	90
38) Carbon Tetrachloride	7.04	117	3024	3.880	ug/l #	10
40) Benzene	7.47	78	4356	2.559	ug/l	97
44) Trichloroethene	8.54	130	3664	5.784	ug/l	97
64) Tetrachloroethene	11.26	164	1018	2.023	ug/l #	82
65) Chlorobenzene	12.39	112	191671	146.278	ug/l	99
74) N-amyl acetate	13.27	43	1148	2.251	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	13.71	83	395	1.023	ug/l #	26
76) 1,2,3-Trichloropropane	13.55	75	7259	19.104	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.55	75	10523	90.831	ug/l #	18
83) tert-Butylbenzene	14.18	119	2631	1.482	ug/l	91
84) 1,2,4-Trimethylbenzene	14.08	105	1702	1.107	ug/l	73
85) sec-Butylbenzene	14.36	105	3775	2.002	ug/l	92
86) p-Isopropyltoluene	14.63	119	3484	2.185	ug/l	89
87) 1,3-Dichlorobenzene	14.45	146	8683	9.448	ug/l	89
88) 1,4-Dichlorobenzene	14.53	146	13185	14.711	ug/l	97
89) n-Butylbenzene	14.79	91	3360	2.296	ug/l	95
90) Hexachloroethane	15.08	117	546	1.212	ug/l #	10
91) 1,2-Dichlorobenzene	14.80	146	5419	7.188	ug/l	89
93) 1,2,4-Trichlorobenzene	15.94	180	1496	4.356	ug/l #	89
95) Naphthalene	16.12	128	2307	4.407	ug/l #	31

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

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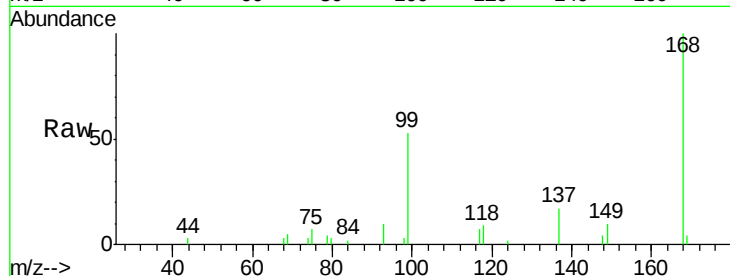
WP022SB442-190319-(14-16)

Tot Ion:168 Resp: 37440

Ion Ratio Lower Upper

168 100

99 52.5 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

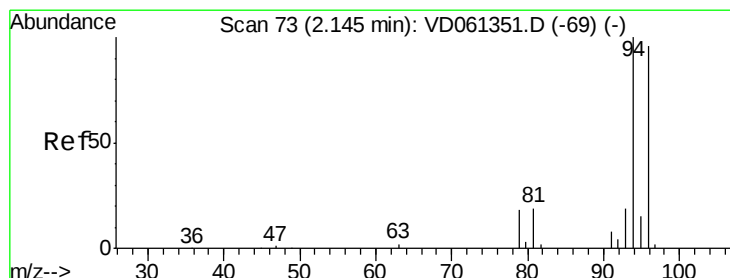
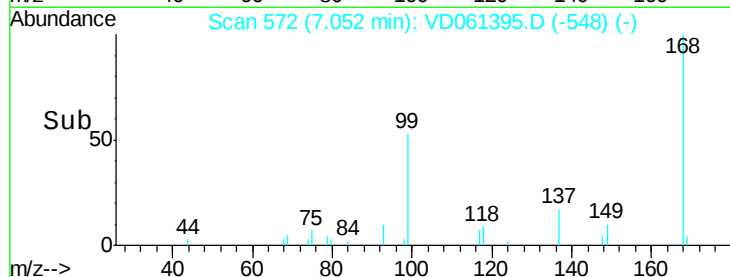
15000

10000

5000

0

Time--> 6.90 7.00 7.10 7.20



#5

Bromomethane

Concen: 5.070 ug/l

RT: 2.20 min Scan# 79

Delta R.T. 0.05 min

Lab File: VD061395.D

Acq: 28 Mar 2019 17:14

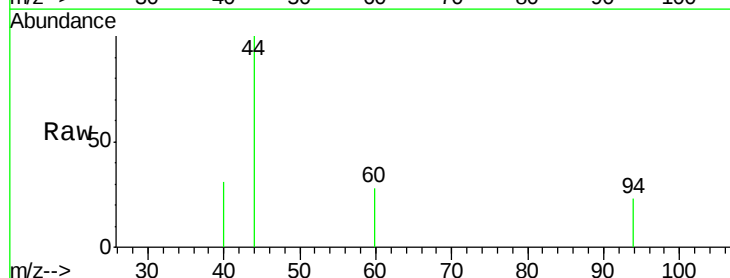
Tgt Ion: 94 Resp: 301

Ion Ratio Lower Upper

94 100

96 0.0 78.3 117.5#

93 0.0 15.6 23.4#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

2.20

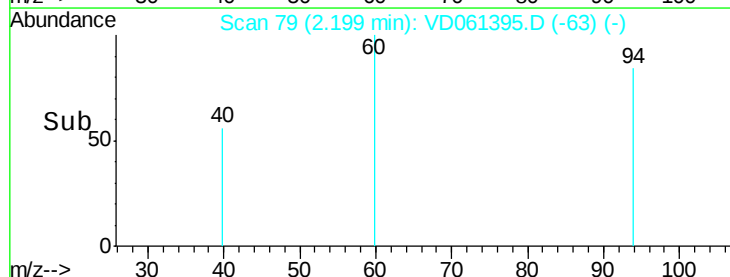
600

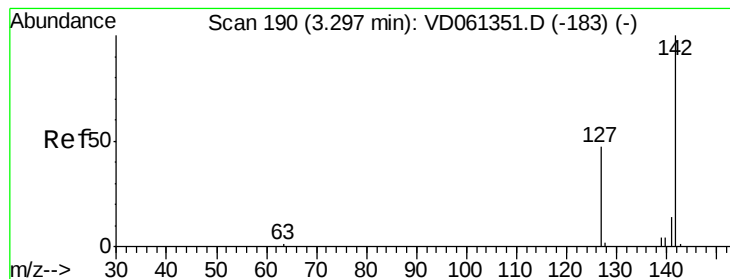
400

200

0

Time--> 2.18 2.20





#10

Methyl Iodide

Concen: 5.242 ug/l

RT: 3.36 min Scan# 197

Delta R.T. 0.06 min

Lab File: VD061395.D

Acq: 28 Mar 2019 17:14

Instrument :

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ClientSampleId :

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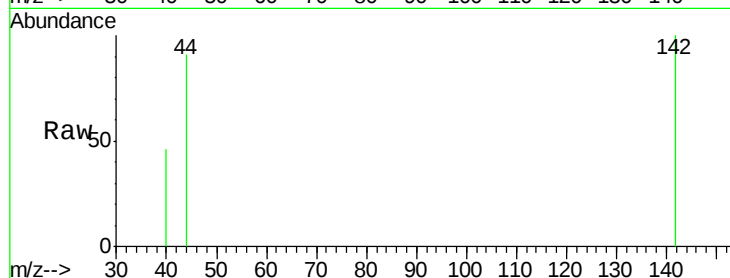
Tot Ion:142 Resp: 1358

Ion Ratio Lower Upper

142 100

127 0.0 37.7 56.5#

141 0.0 11.5 17.3#



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

3.36

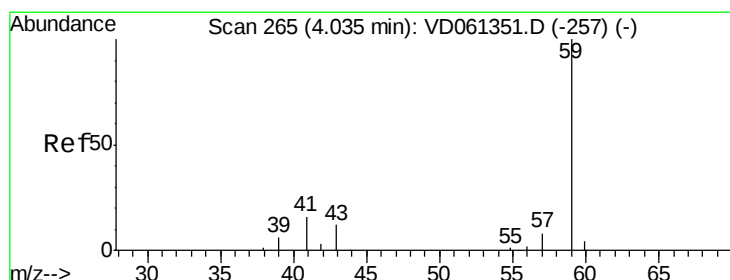
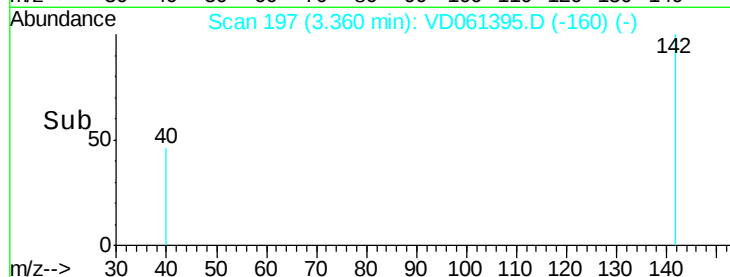
600

400

200

0

Time-->



#11

Tert butyl alcohol

Concen: 22.794 ug/l

RT: 4.04 min Scan# 266

Delta R.T. 0.00 min

Lab File: VD061395.D

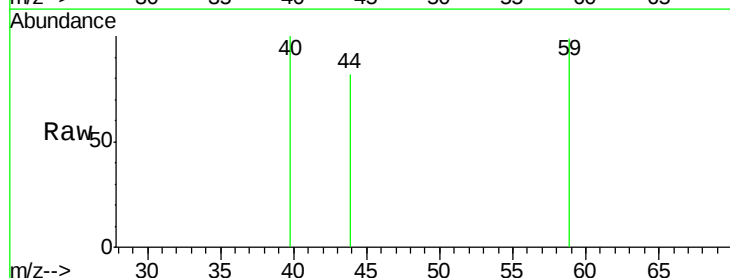
Acq: 28 Mar 2019 17:14

Tgt Ion: 59 Resp: 454

Ion Ratio Lower Upper

59 100

57 0.0 6.7 10.1#



Abundance Ion 58.95 (58.65 to 59.65): V

Ion 56.95 (56.65 to 57.65): V

4.04

500

400

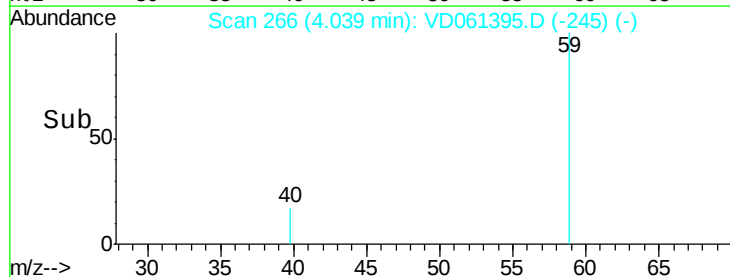
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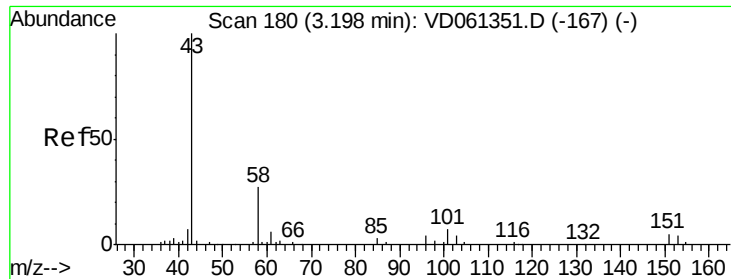
200

100

0

Time-->





#16

Acetone

Concen: 439.715 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.02 min

Lab File: VD061395.D

Acq: 28 Mar 2019 17:14

Instrument :

MSVOA_D

ClientSampleId :

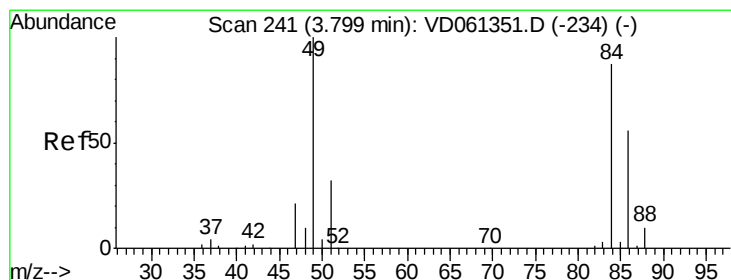
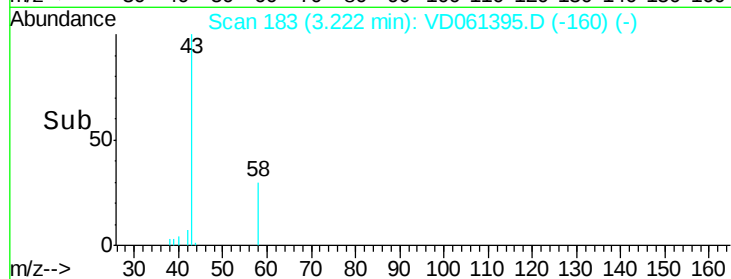
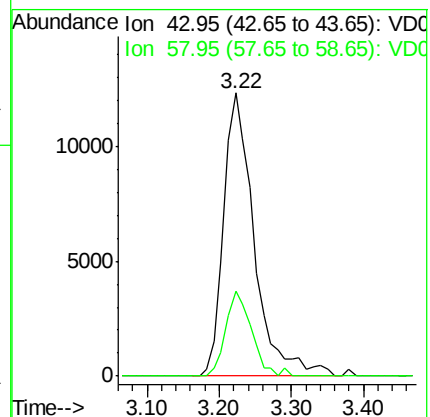
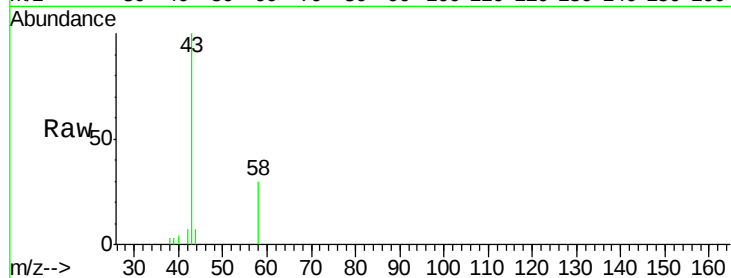
WP022SB442-190319-(14-16)

Tot Ion: 43 Resp: 36152

Ion Ratio Lower Upper

43 100

58 30.1 21.5 32.3



#20

Methylene Chloride

Concen: 11.487 ug/l

RT: 3.83 min Scan# 245

Delta R.T. 0.03 min

Lab File: VD061395.D

Acq: 28 Mar 2019 17:14

Tgt Ion: 84 Resp: 5972

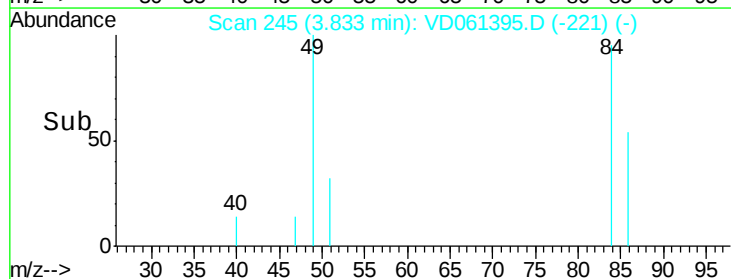
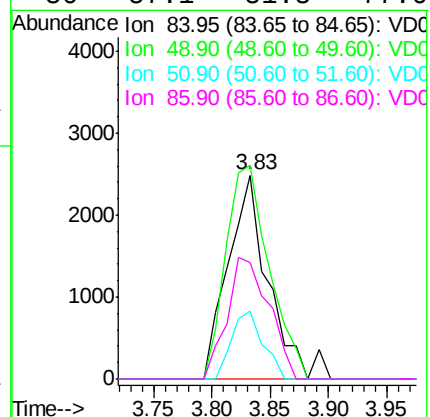
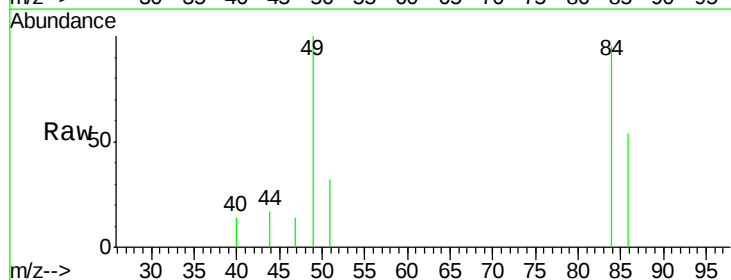
Ion Ratio Lower Upper

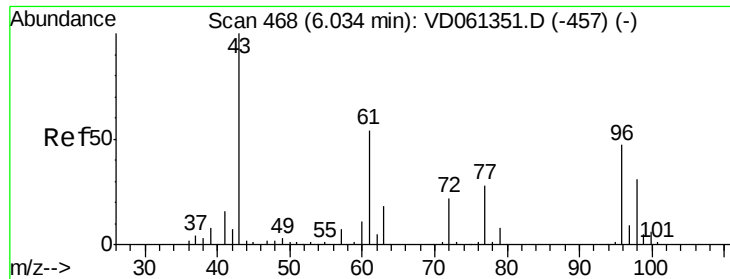
84 100

49 104.8 91.8 137.8

51 33.3 29.8 44.8

86 57.1 51.8 77.6

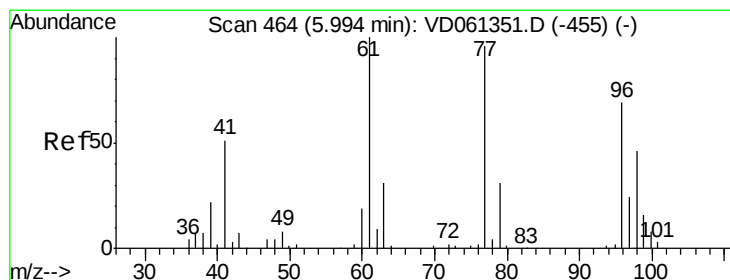
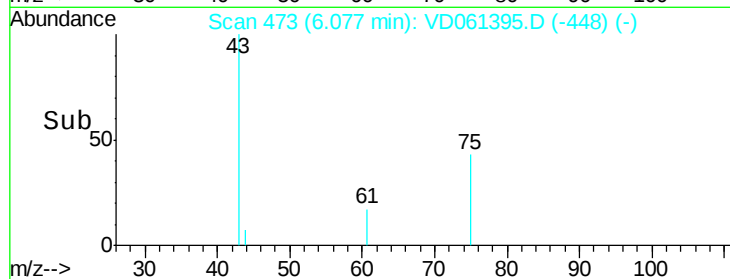
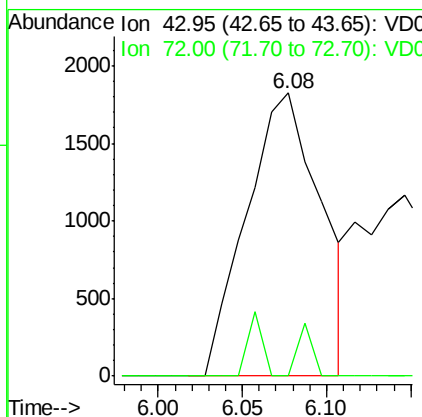
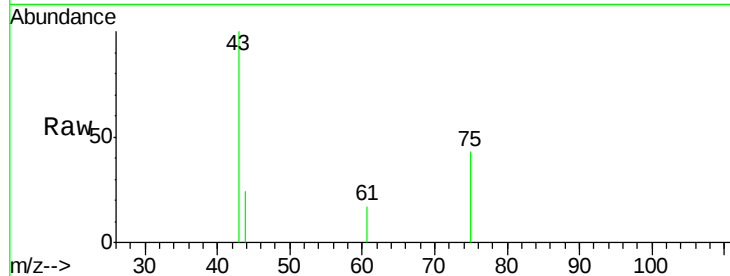




#25
 2-Butanone
 Concen: 54.002 ug/l
 RT: 6.08 min Scan# 473
 Delta R.T. 0.04 min
 Lab File: VD061395.D
 Acq: 28 Mar 2019 17:14

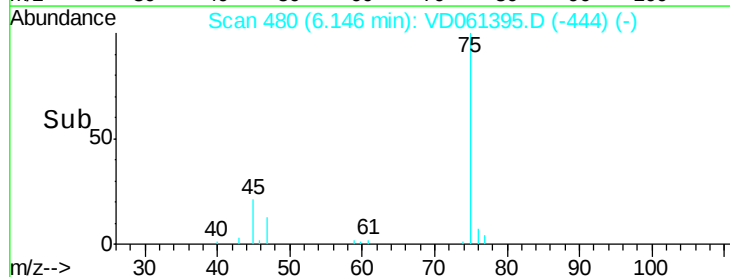
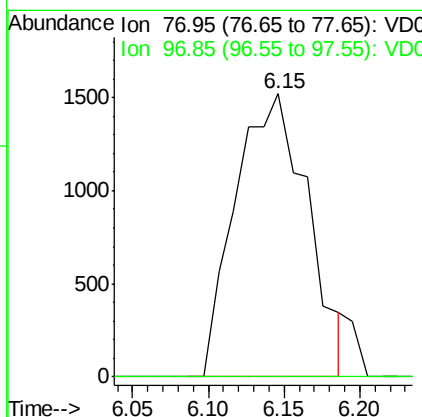
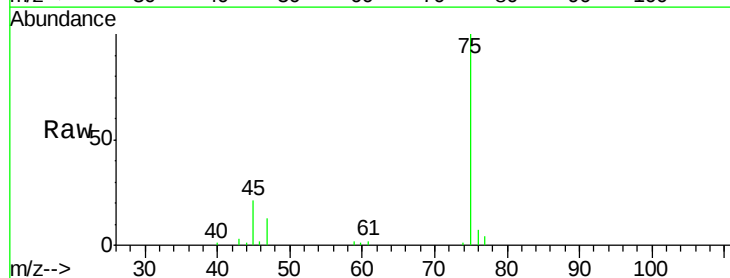
Instrument :
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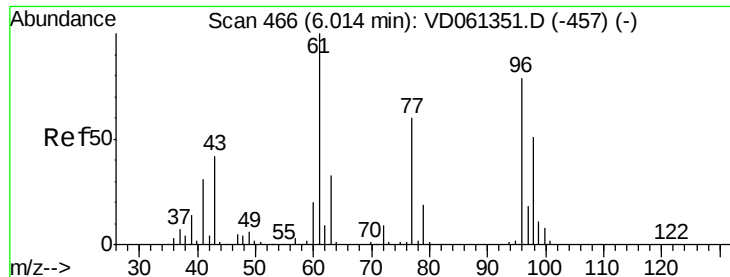
Tot Ion: 43 Resp: 5585
 Ion Ratio Lower Upper
 43 100
 72 0.0 17.2 25.8#



#26
 2,2-Dichloropropane
 Concen: 9.122 ug/l
 RT: 6.15 min Scan# 480
 Delta R.T. 0.15 min
 Lab File: VD061395.D
 Acq: 28 Mar 2019 17:14

Tgt Ion: 77 Resp: 5055
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.7 38.0#



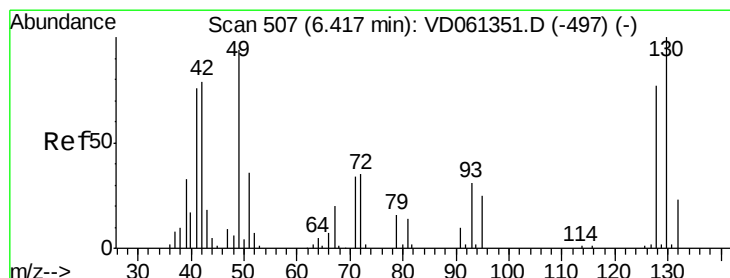
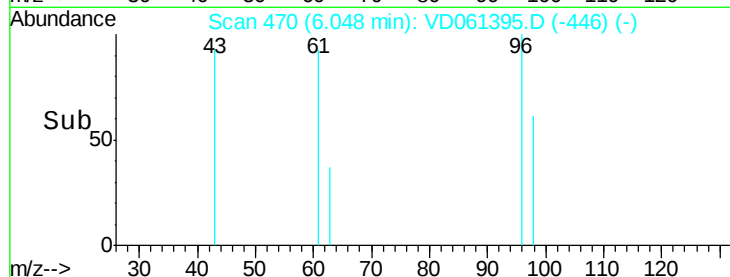
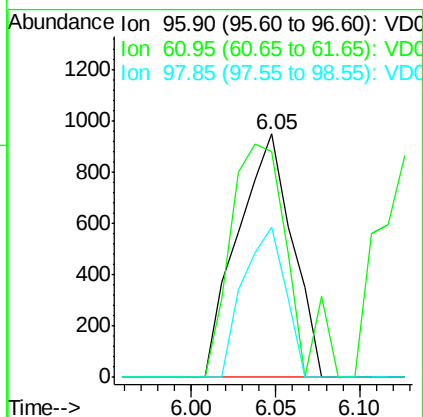
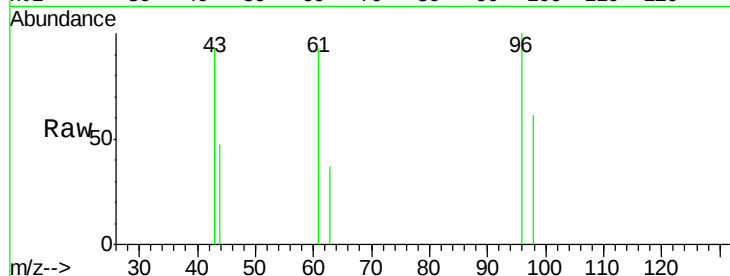


#27

cis-1,2-Dichloroethene
Concen: 4.479 ug/l
RT: 6.05 min Scan# 470
Delta R.T. 0.03 min
Lab File: VD061395.D
Acq: 28 Mar 2019 17:14

Instrument :
MSVOA_D
ClientSampleId :
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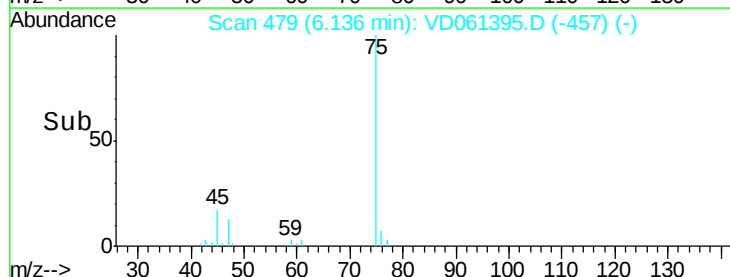
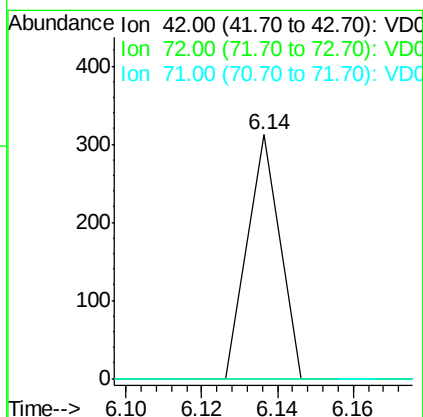
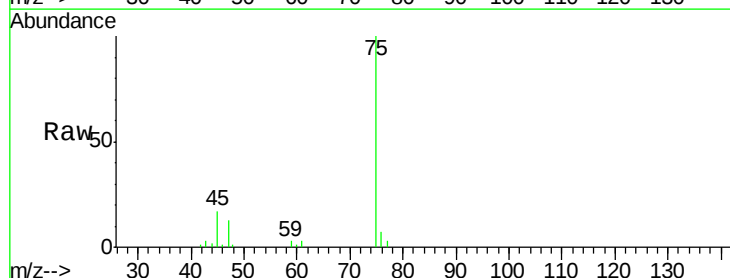
Tot Ion: 96 Resp: 2129
Ion Ratio Lower Upper
96 100
61 92.8 0.0 251.6
98 61.4 0.0 129.2

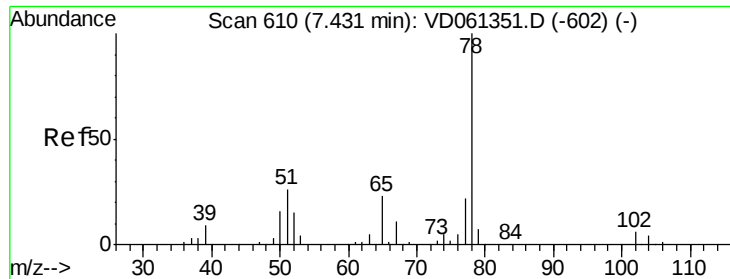


#29

Tetrahydrofuran
Concen: 3.671 ug/l
RT: 6.14 min Scan# 479
Delta R.T. -0.28 min
Lab File: VD061395.D
Acq: 28 Mar 2019 17:14

Tgt Ion: 42 Resp: 184
Ion Ratio Lower Upper
42 100
72 0.0 37.4 56.0#
71 0.0 36.7 55.1#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD061395.D

Acq: 28 Mar 2019 17:14

Instrument :

MSVOA_D

ClientSampleId :

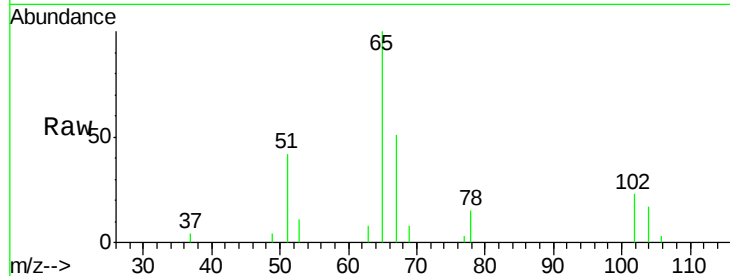
WP022SB442-190319-(14-16)

Tot Ion: 65 Resp: 30825

Ion Ratio Lower Upper

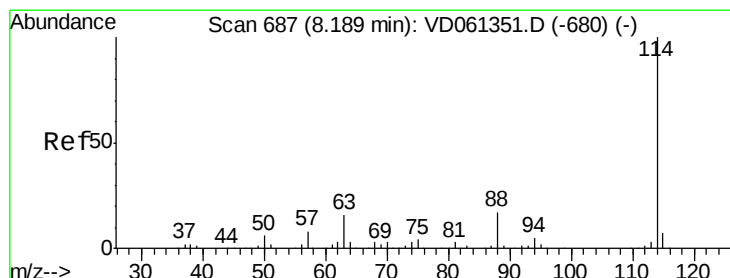
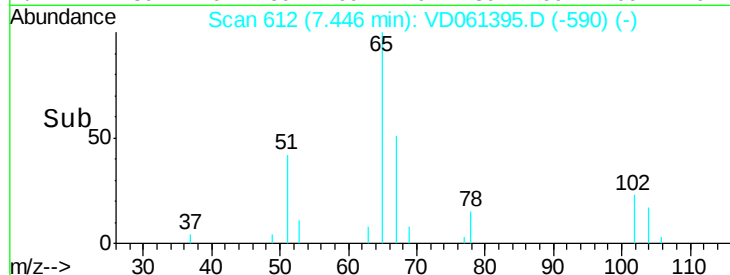
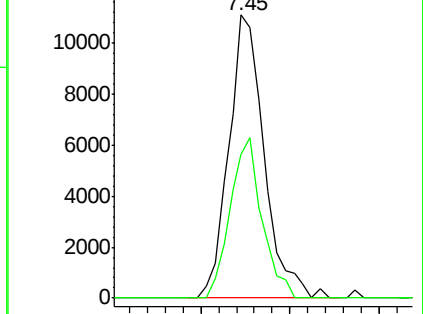
65 100

67 51.0 0.0 99.8



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: 8.21 min Scan# 690

Delta R.T. 0.02 min

Lab File: VD061395.D

Acq: 28 Mar 2019 17:14

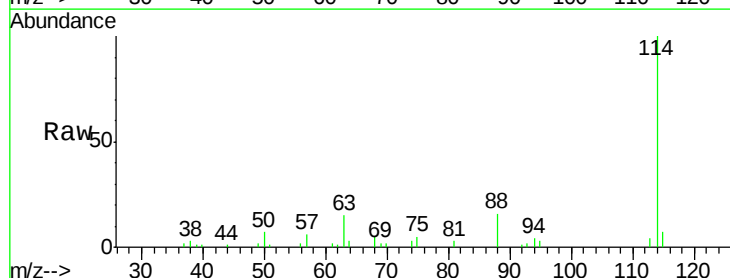
Tgt Ion: 114 Resp: 77705

Ion Ratio Lower Upper

114 100

63 14.7 0.0 31.6

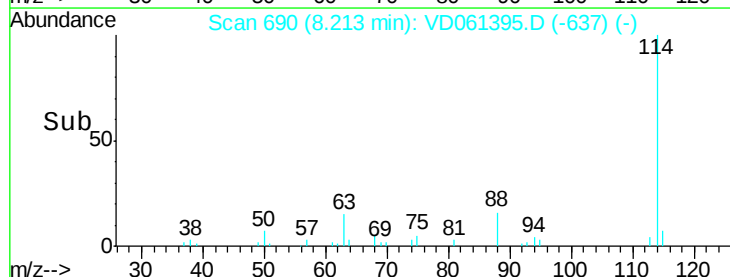
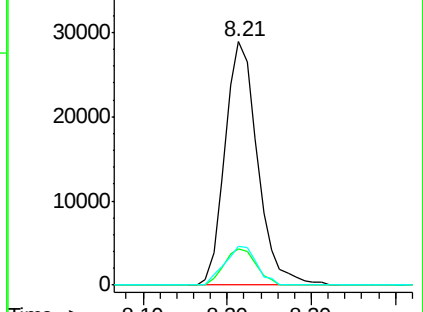
88 15.8 0.0 33.4

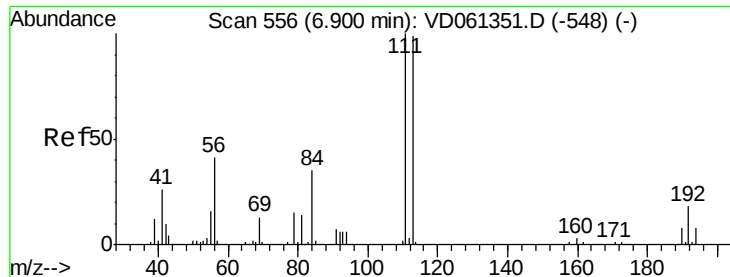


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

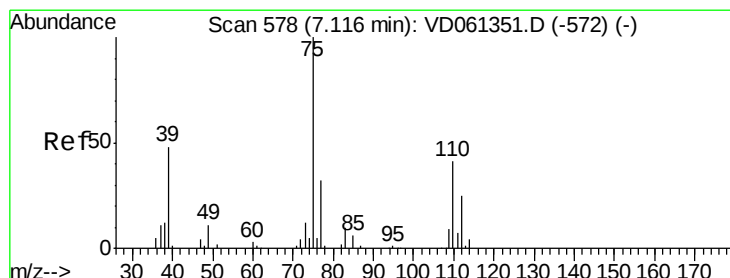
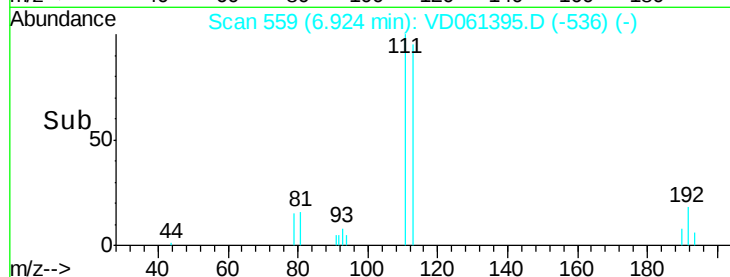
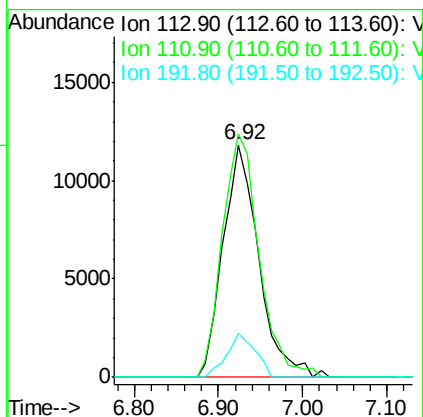
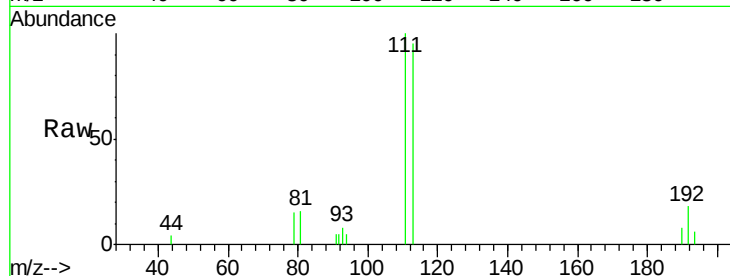




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: VD061395.D
 Acq: 28 Mar 2019 17:14

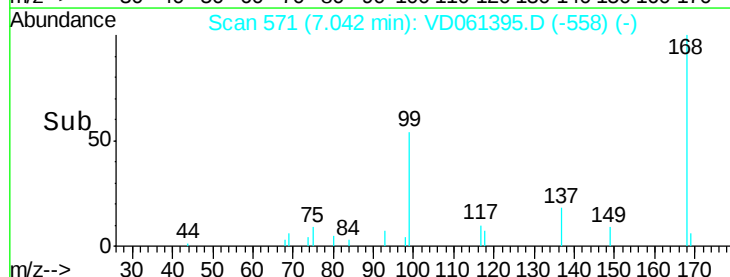
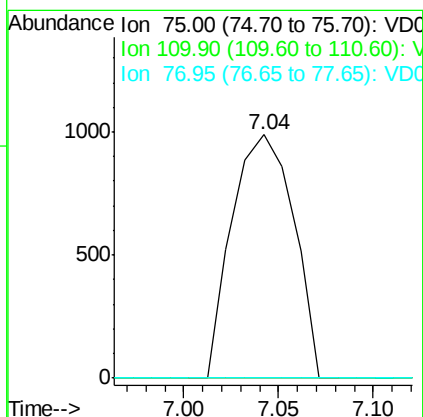
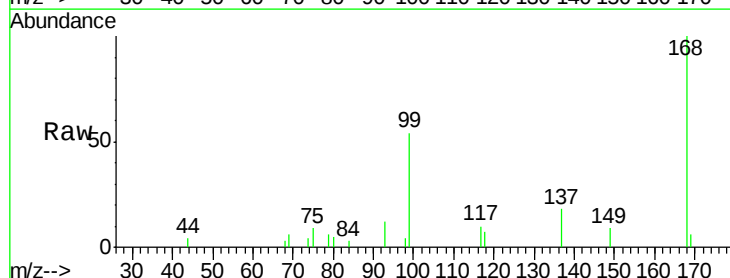
Instrument :
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 ClientSampleId :
 WP022SB442-190319-(14-16)

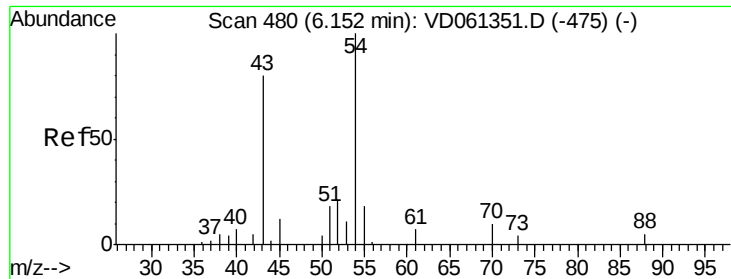
Tot Ion:113 Resp: 34868
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.0 121.6
 192 18.7 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 3.285 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.07 min
 Lab File: VD061395.D
 Acq: 28 Mar 2019 17:14

Tgt Ion: 75 Resp: 2228
 Ion Ratio Lower Upper
 75 100
 110 0.0 20.4 61.3#
 77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 19.256 ug/l

RT: 6.08 min Scan# 473

Delta R.T. -0.07 min

Lab File: VD061395.D

Acq: 28 Mar 2019 17:14

Instrument :

MSVOA_D

ClientSampleId :

WP022SB442-190319-(14-16)

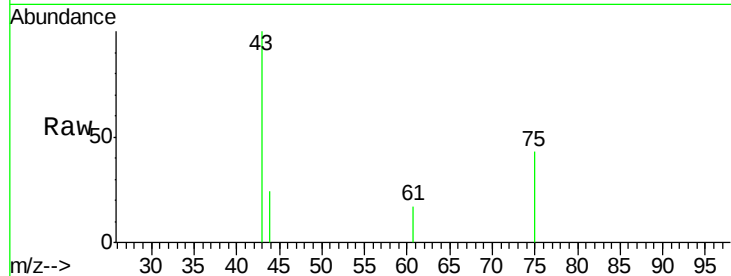
Tot Ion: 43 Resp: 5585

Ion Ratio Lower Upper

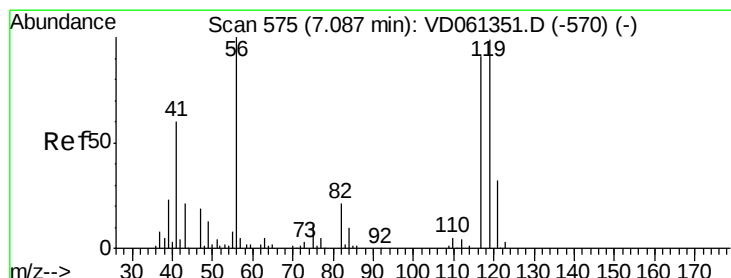
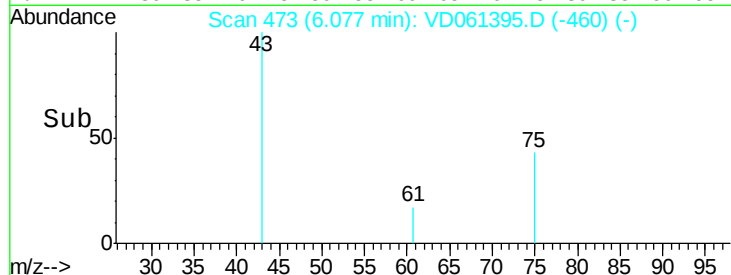
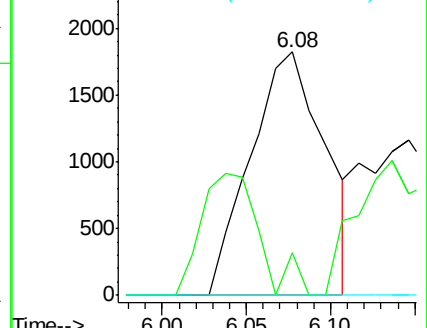
43 100

61 17.3 13.8 20.8

70 0.0 7.8 11.8#



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



#38

Carbon Tetrachloride

Concen: 3.880 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.04 min

Lab File: VD061395.D

Acq: 28 Mar 2019 17:14

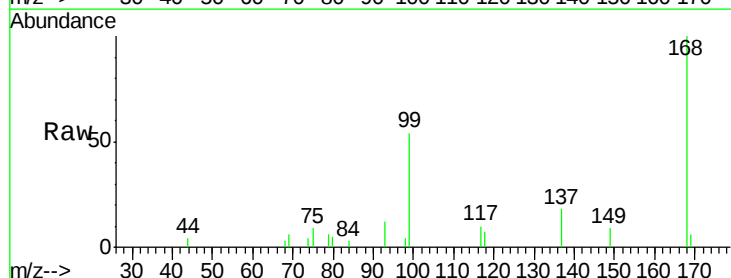
Tgt Ion: 117 Resp: 3024

Ion Ratio Lower Upper

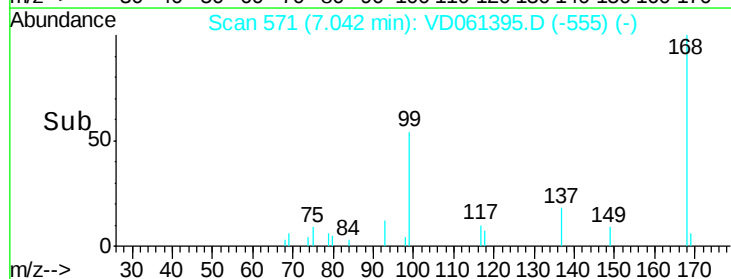
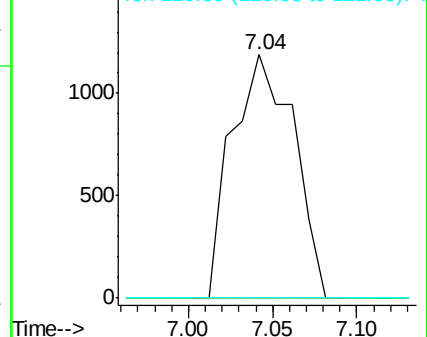
117 100

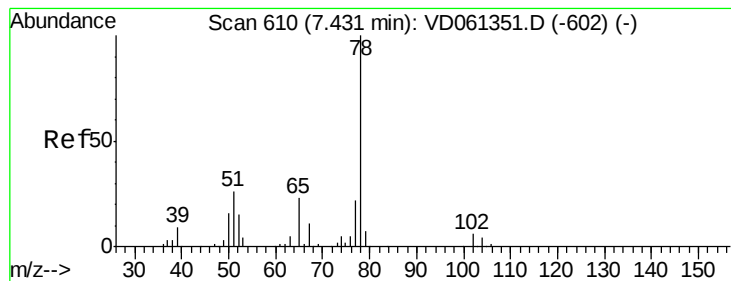
119 0.0 80.1 120.1#

121 0.0 25.6 38.4#



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





#40

Benzene

Concen: 2.559 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.03 min

Lab File: VD061395.D

Acq: 28 Mar 2019 17:14

Instrument :

MSVOA_D

ClientSampleId :

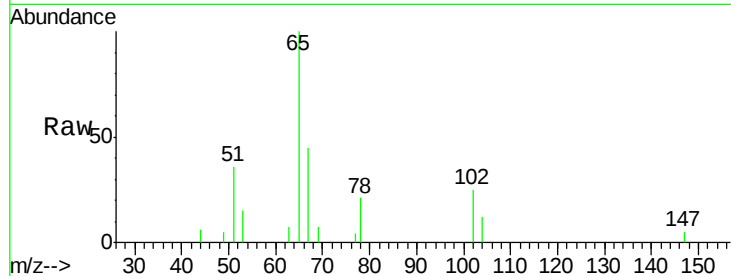
WP022SB442-190319-(14-16)

Tot Ion: 78 Resp: 4356

Ion Ratio Lower Upper

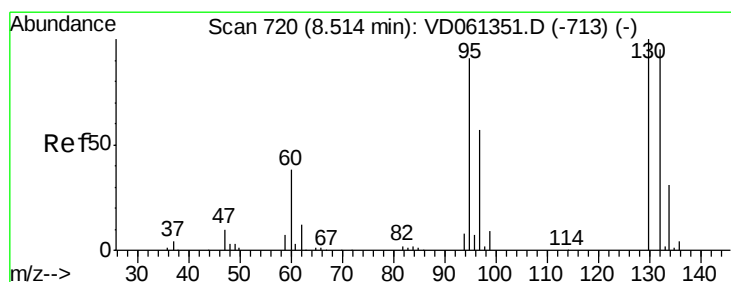
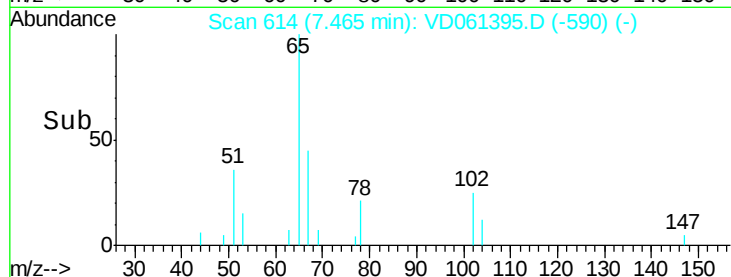
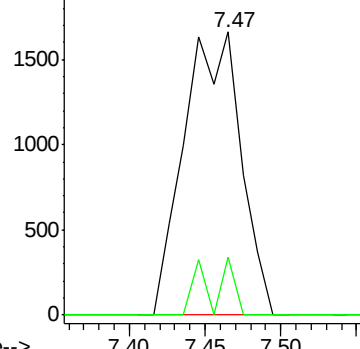
78 100

77 20.5 17.8 26.6



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC



#44

Trichloroethene

Concen: 5.784 ug/l

RT: 8.54 min Scan# 723

Delta R.T. 0.02 min

Lab File: VD061395.D

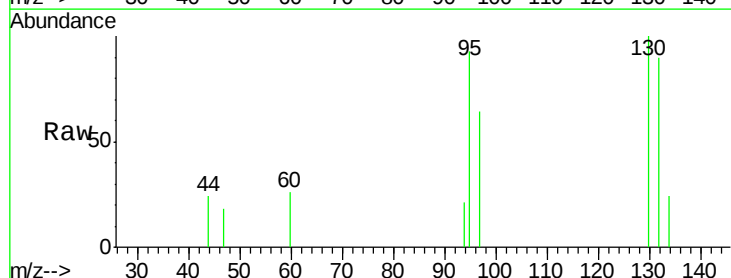
Acq: 28 Mar 2019 17:14

Tgt Ion:130 Resp: 3664

Ion Ratio Lower Upper

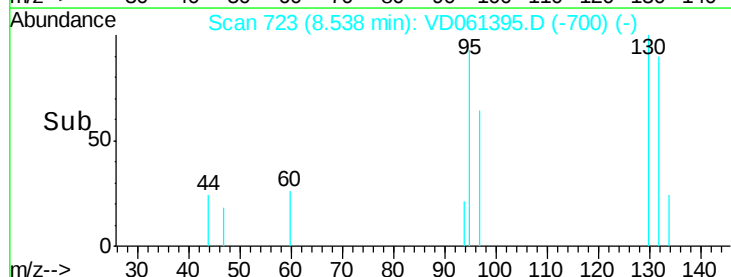
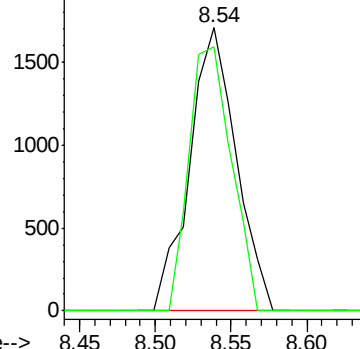
130 100

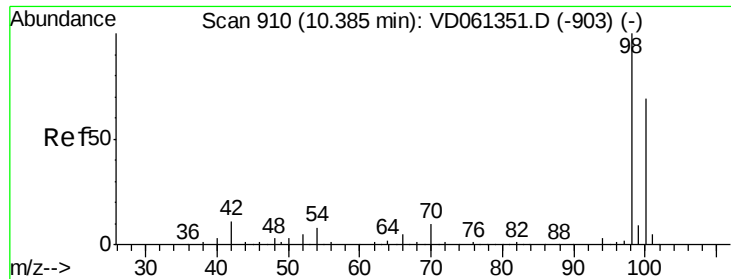
95 93.4 0.0 181.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.02 min

Lab File: VD061395.D

Acq: 28 Mar 2019 17:14

Instrument :

MSVOA_D

ClientSampleId :

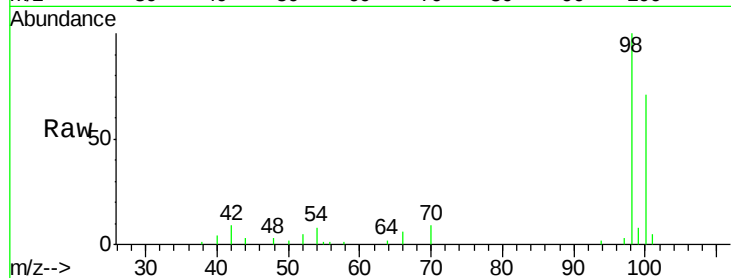
WP022SB442-190319-(14-16)

Tot Ion: 98 Resp: 71429

Ion Ratio Lower Upper

98 100

100 71.5 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)

Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

10.41

30000

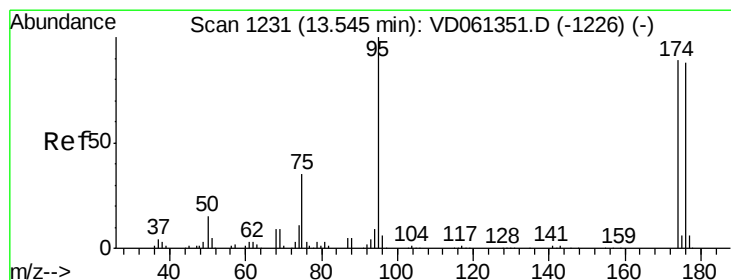
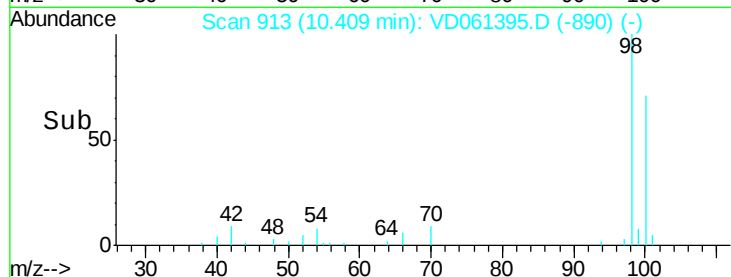
20000

10000

0

Time-->

10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061395.D

Acq: 28 Mar 2019 17:14

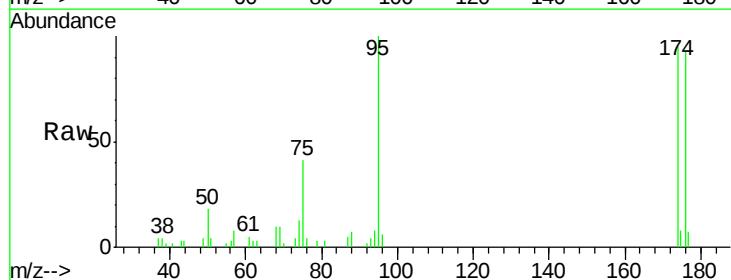
Tgt Ion: 95 Resp: 27056

Ion Ratio Lower Upper

95 100

174 95.4 0.0 178.0

176 93.1 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

25000

20000

15000

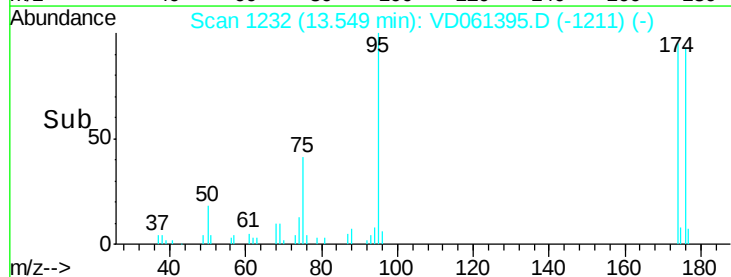
10000

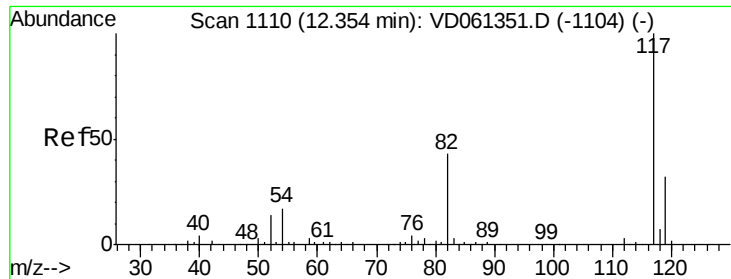
5000

0

Time-->

13.50 13.55 13.60

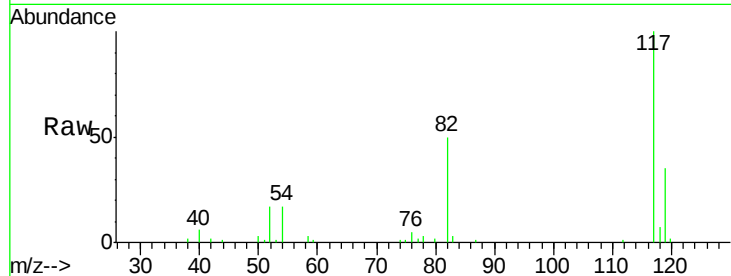




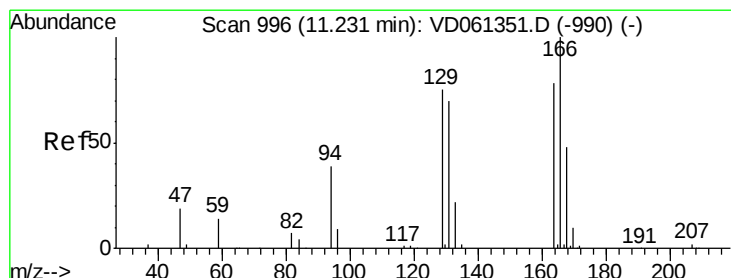
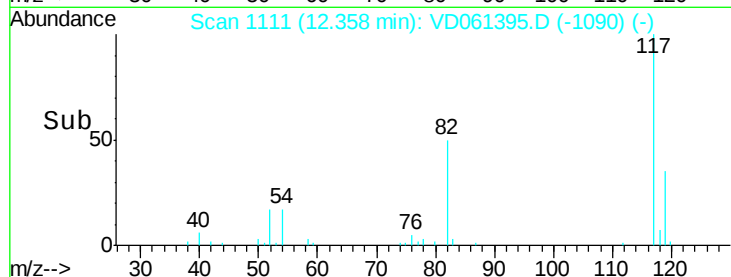
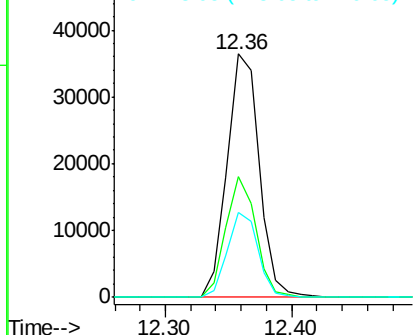
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061395.D
Acq: 28 Mar 2019 17:14

Instrument :
MSVOA_D
ClientSampleId :
WP022SB442-190319-(14-16)

Tot Ion:117 Resp: 64116
Ion Ratio Lower Upper
117 100
82 49.5 34.4 51.6
119 34.8 25.8 38.6



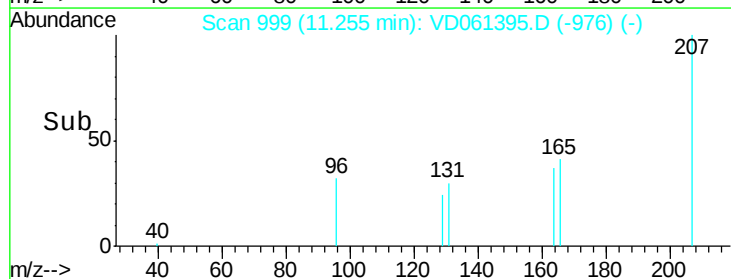
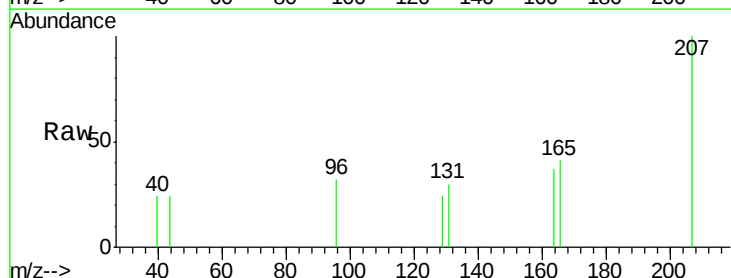
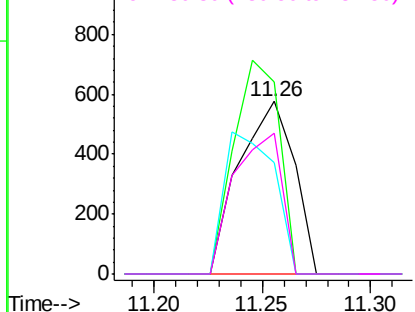
Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

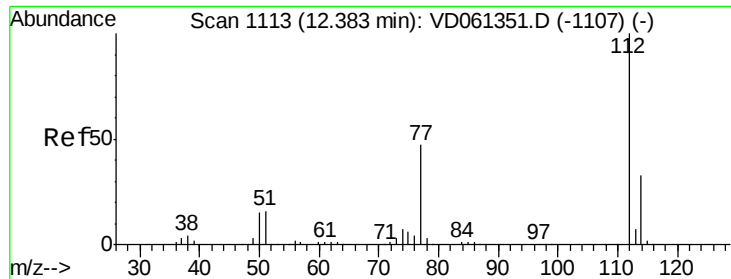


#64
Tetrachloroethene
Concen: 2.023 ug/l
RT: 11.26 min Scan# 999
Delta R.T. 0.02 min
Lab File: VD061395.D
Acq: 28 Mar 2019 17:14

Tgt Ion:164 Resp: 1018
Ion Ratio Lower Upper
164 100
166 111.3 102.4 153.6
129 64.5 76.8 115.2#
131 81.8 71.8 107.6

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

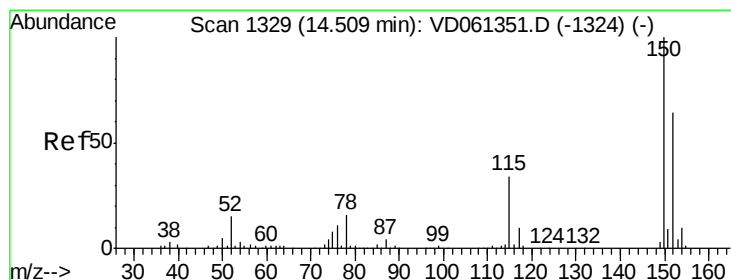
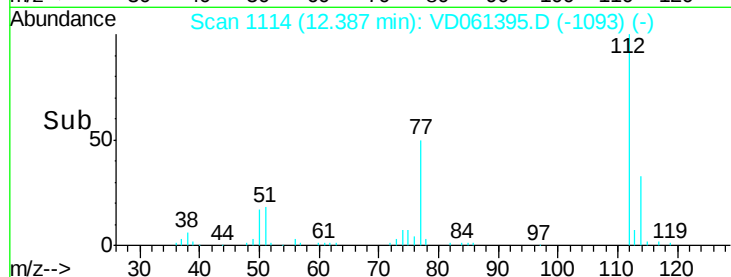
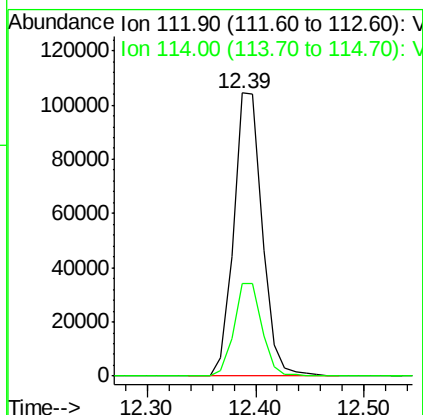
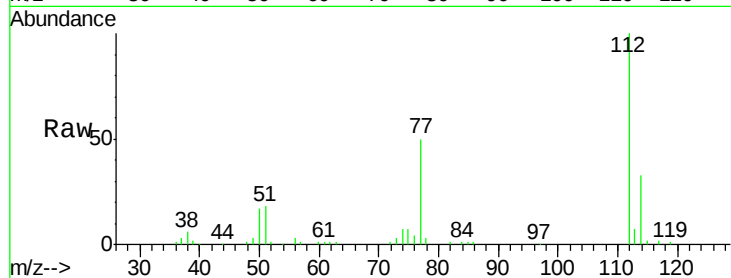




#65
Chlorobenzene
Concen: 146.278 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VD061395.D
Acq: 28 Mar 2019 17:14

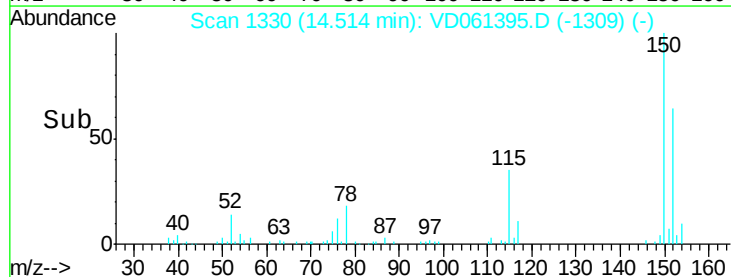
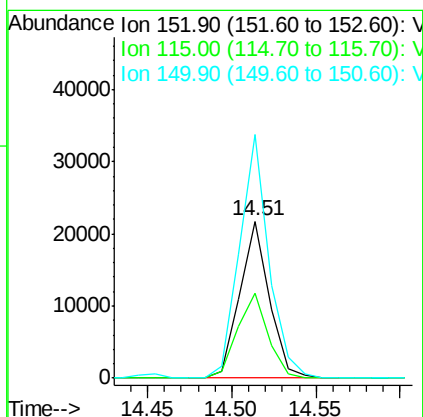
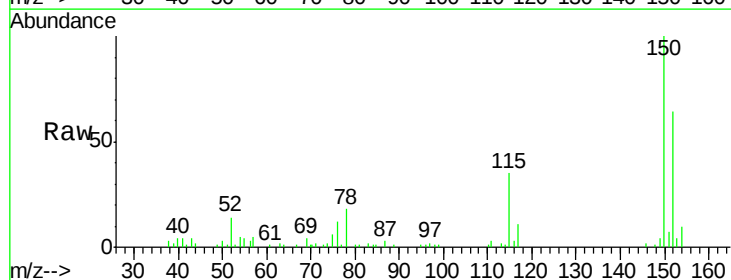
Instrument :
MSVOA_D
ClientSampleId :
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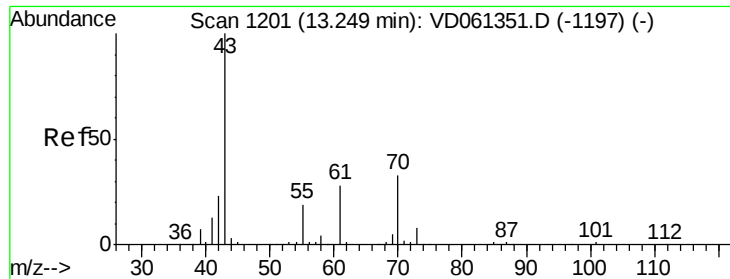
Tot Ion:112 Resp: 191671
Ion Ratio Lower Upper
112 100
114 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061395.D
Acq: 28 Mar 2019 17:14

Tgt Ion:152 Resp: 26304
Ion Ratio Lower Upper
152 100
115 54.4 26.9 80.6
150 155.3 0.0 318.0





#74

N-amvl acetate

Concen: 2.251 ug/l

RT: 13.27 min Scan# 1204

Delta R.T. 0.02 min

Lab File: VD061395.D

Acq: 28 Mar 2019 17:14

Instrument :

MSVOA_D

ClientSampleId :

WP022SB442-190319-(14-16)

Tot Ion: 43 Resp: 1148

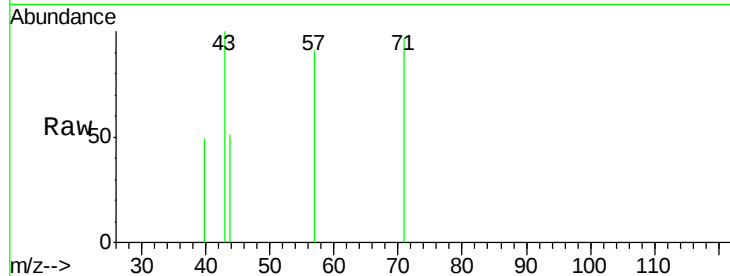
Ion Ratio Lower Upper

43 100

70 0.0 26.6 40.0#

55 0.0 15.4 23.2#

61 0.0 22.2 33.4#

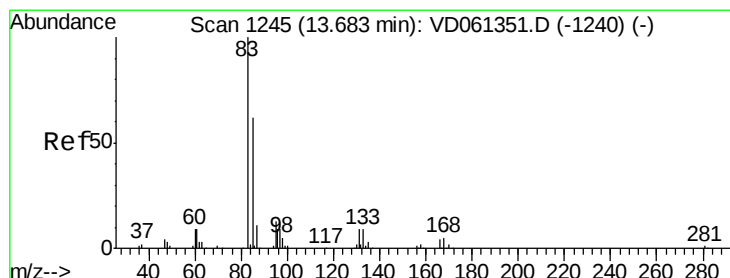
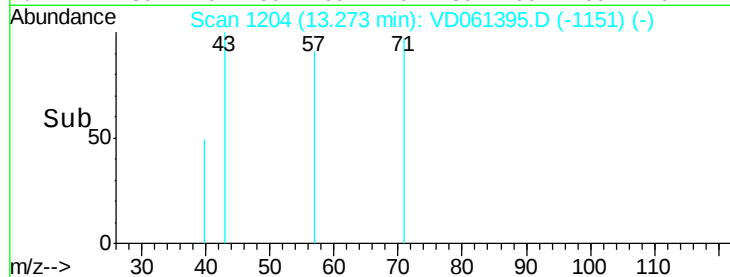
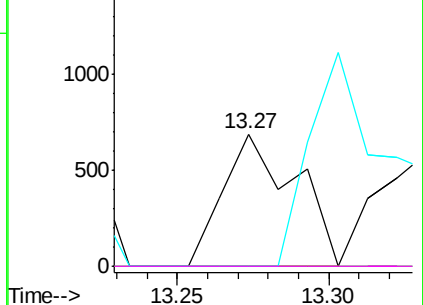


Abundance Ion 42.95 (42.65 to 43.65): VDC

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: 1.023 ug/l

RT: 13.71 min Scan# 1248

Delta R.T. 0.02 min

Lab File: VD061395.D

Acq: 28 Mar 2019 17:14

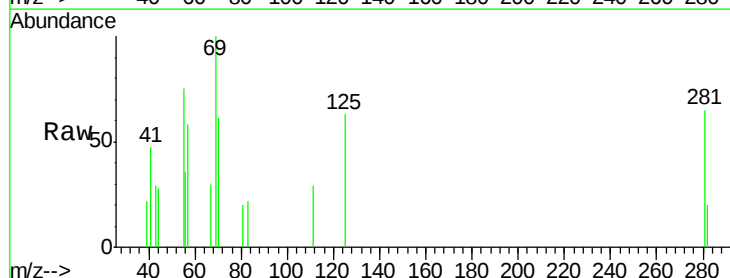
Tgt Ion: 83 Resp: 395

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

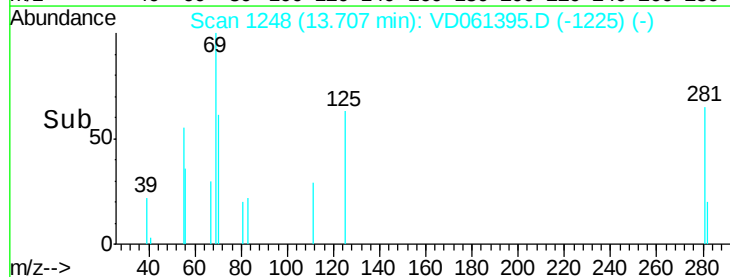
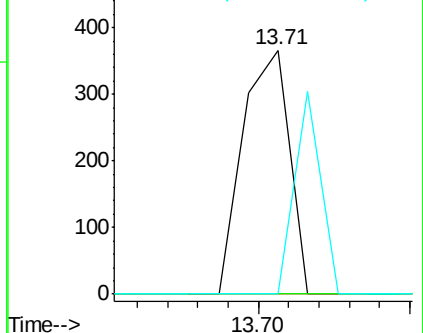
85 0.0 31.2 93.6#

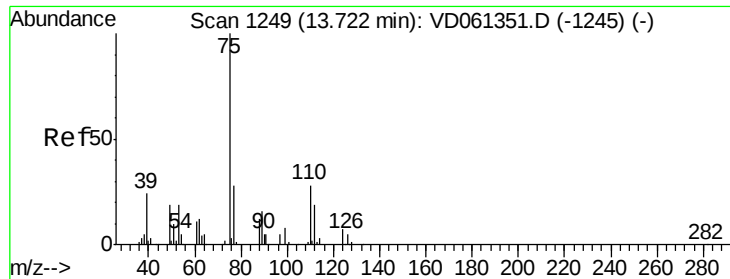


Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): V

Ion 84.95 (84.65 to 85.65): VDC





#76

1,2,3-Trichloropropane

Concen: 19.104 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.17 min

Lab File: VD061395.D

Acq: 28 Mar 2019 17:14

Instrument :

MSVOA_D

ClientSampleId :

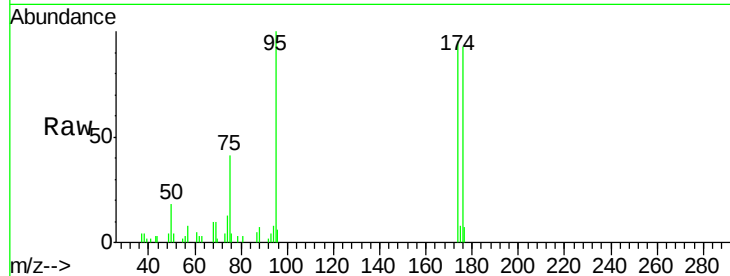
WP022SB442-190319-(14-16)

Tot Ion: 75 Resp: 7259

Ion Ratio Lower Upper

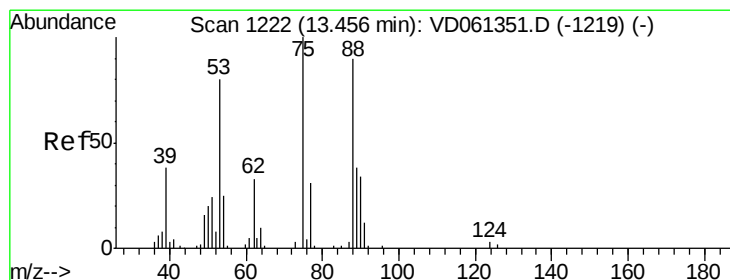
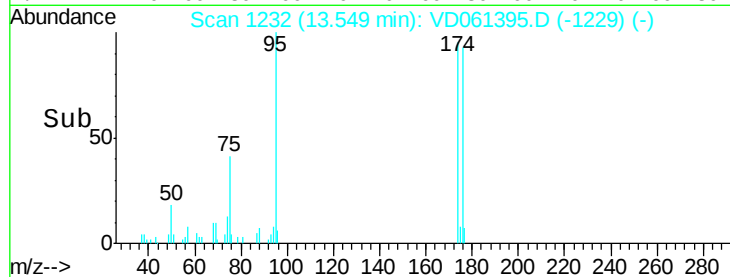
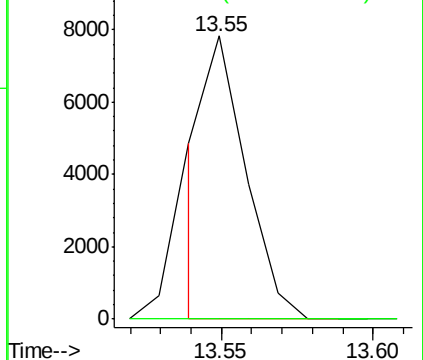
75 100

77 0.0 16.2 48.5#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 90.831 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.09 min

Lab File: VD061395.D

Acq: 28 Mar 2019 17:14

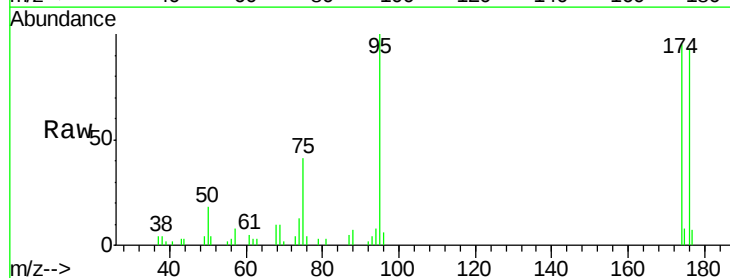
Tgt Ion: 75 Resp: 10523

Ion Ratio Lower Upper

75 100

53 0.0 63.8 95.8#

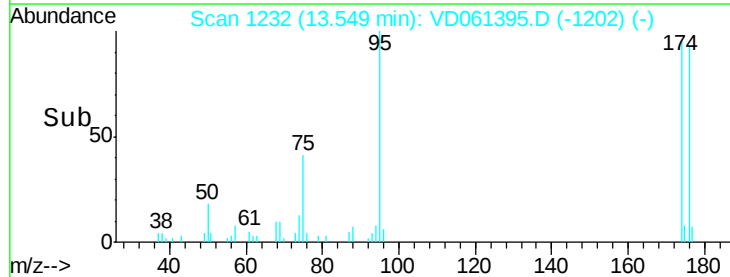
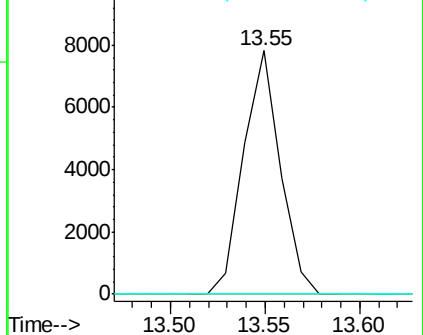
89 0.0 30.5 45.7#

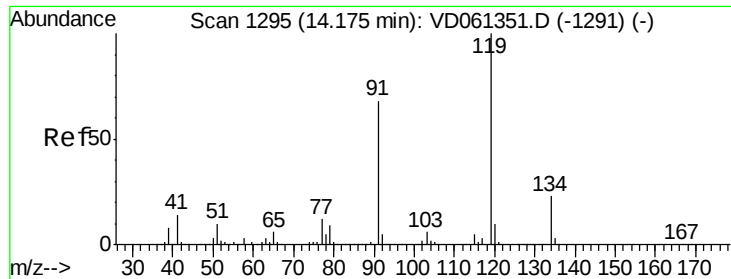


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

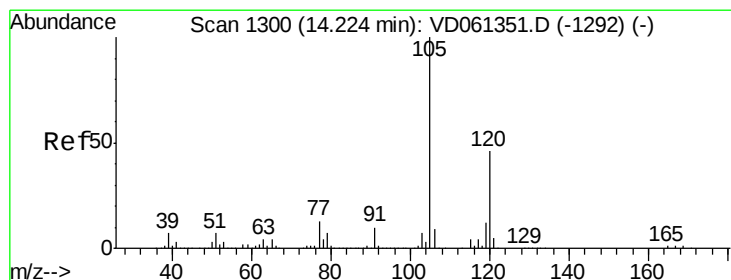
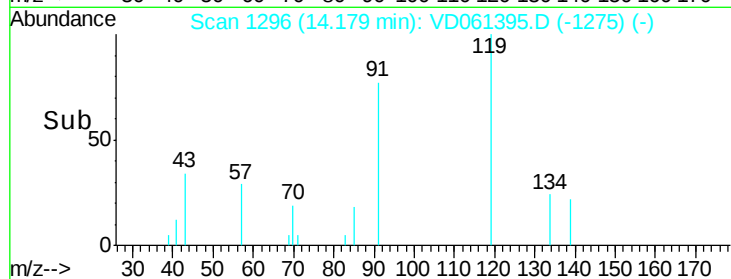
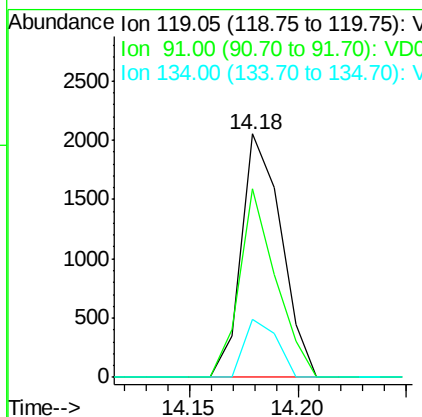
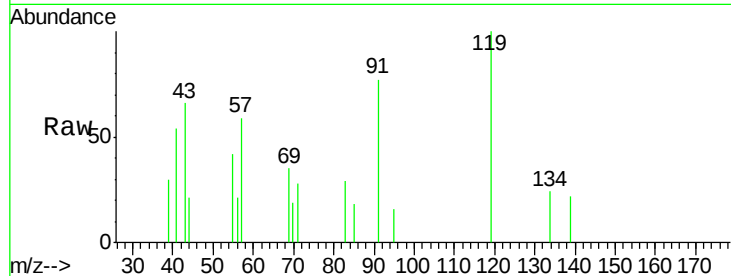




#83
 tert-Butylbenzene
 Concen: 1.482 ug/l
 RT: 14.18 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: VD061395.D
 Acq: 28 Mar 2019 17:14

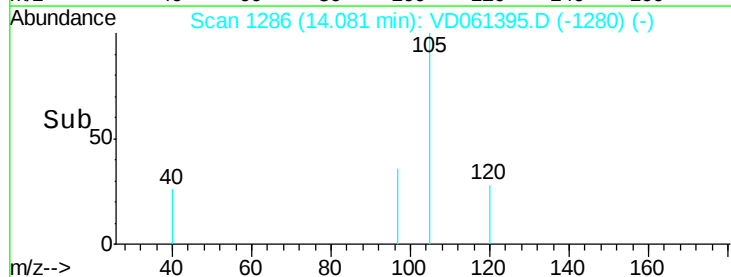
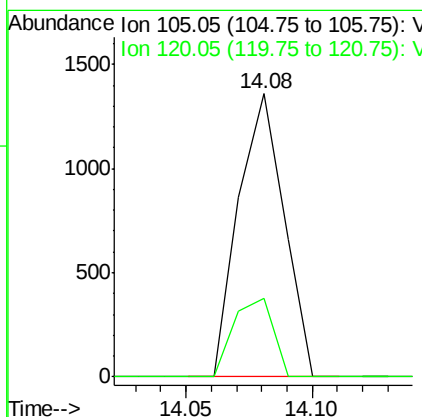
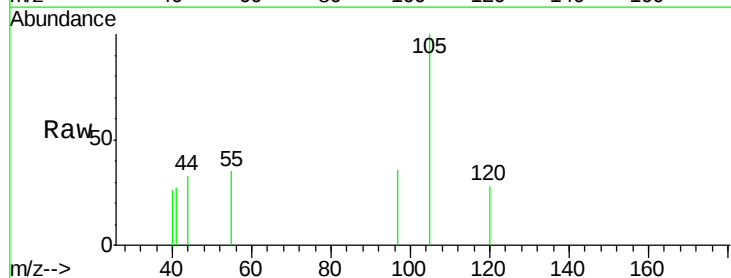
Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB442-190319-(14-16)

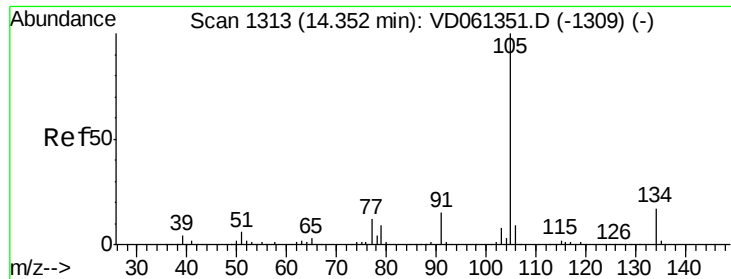
Tot Ion:119 Resp: 2631
 Ion Ratio Lower Upper
 119 100
 91 77.4 34.1 102.3
 134 23.8 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.107 ug/l
 RT: 14.08 min Scan# 1286
 Delta R.T. -0.14 min
 Lab File: VD061395.D
 Acq: 28 Mar 2019 17:14

Tgt Ion:105 Resp: 1702
 Ion Ratio Lower Upper
 105 100
 120 27.7 22.8 68.4





#85

sec-Butylbenzene

Concen: 2.002 ug/l

RT: 14.36 min Scan# 1314

Delta R.T. 0.00 min

Lab File: VD061395.D

Acq: 28 Mar 2019 17:14

Instrument :

MSVOA_D

ClientSampleId :

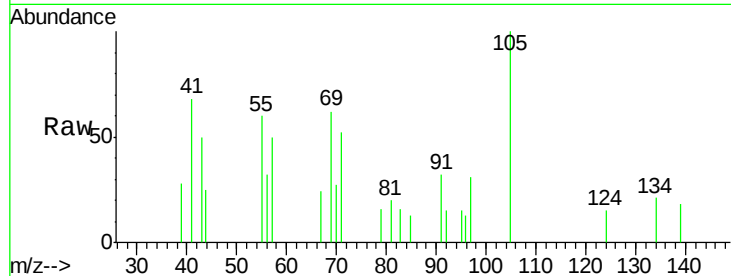
WP022SB442-190319-(14-16)

Tot Ion:105 Resp: 3775

Ion Ratio Lower Upper

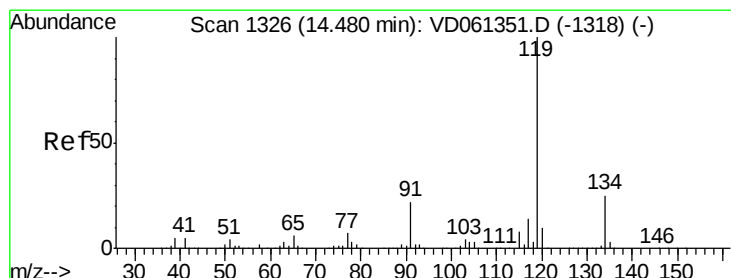
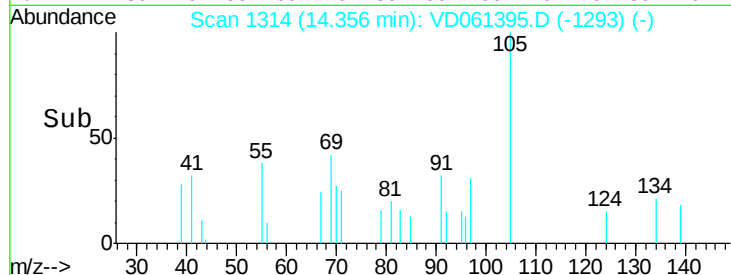
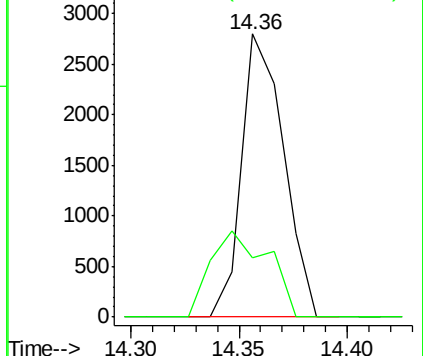
105 100

134 20.8 8.7 26.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 2.185 ug/l

RT: 14.63 min Scan# 1342

Delta R.T. 0.15 min

Lab File: VD061395.D

Acq: 28 Mar 2019 17:14

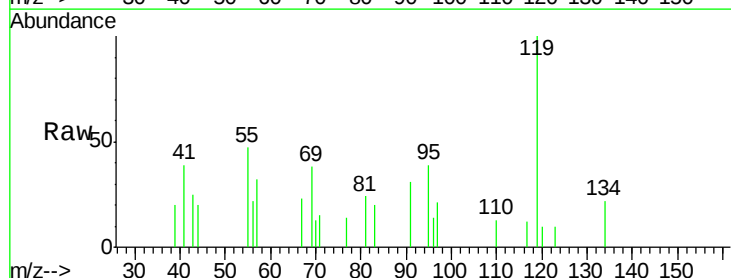
Tgt Ion:119 Resp: 3484

Ion Ratio Lower Upper

119 100

134 21.8 12.3 36.8

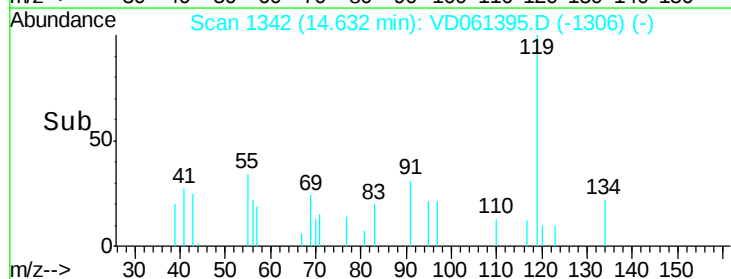
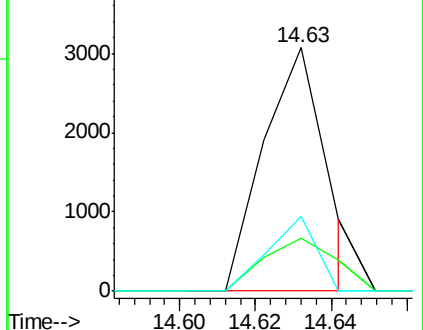
91 30.6 11.1 33.1

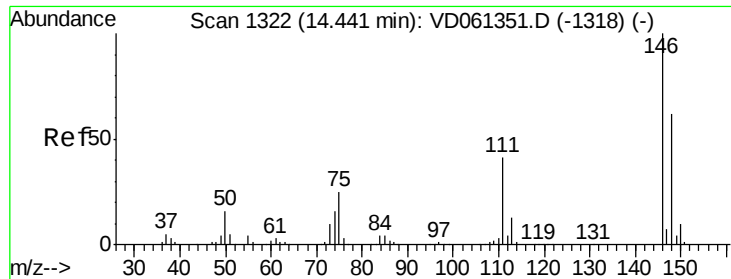


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

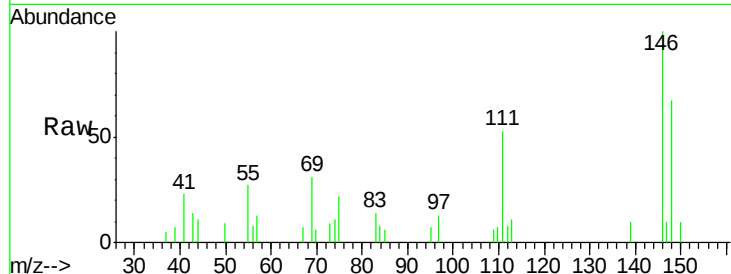




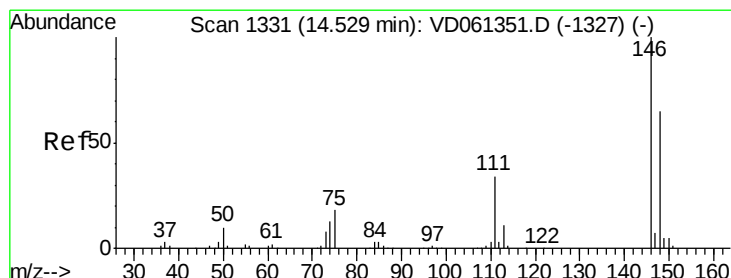
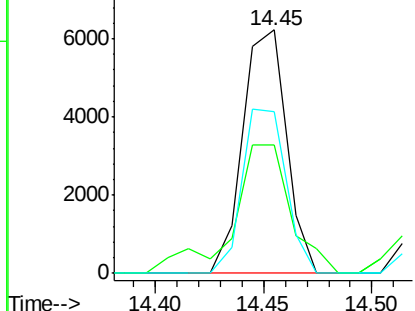
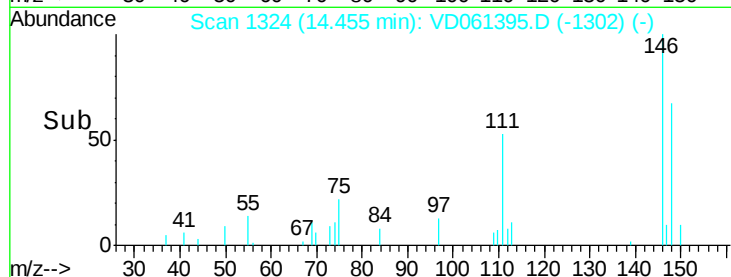
#87
 1,3-Dichlorobenzene
 Concen: 9.448 ug/l
 RT: 14.45 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VD061395.D
 Acq: 28 Mar 2019 17:14

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB442-190319-(14-16)

Tot Ion:146 Resp: 8683
 Ion Ratio Lower Upper
 146 100
 111 52.9 20.6 61.9
 148 66.7 31.1 93.3

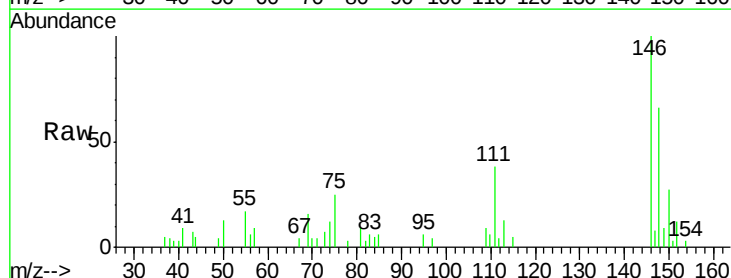


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

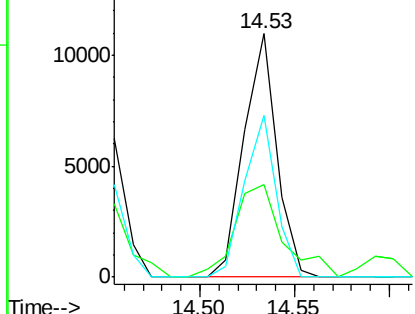
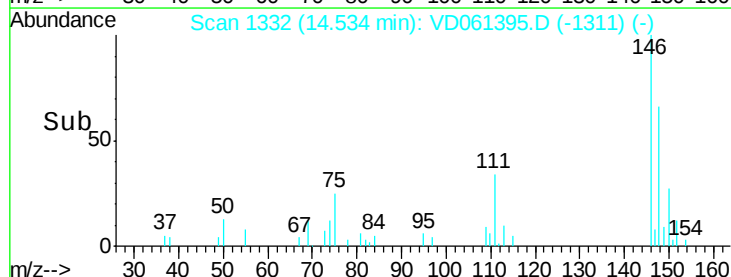


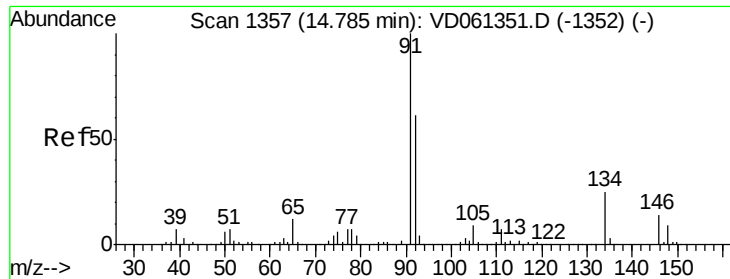
#88
 1,4-Dichlorobenzene
 Concen: 14.711 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: VD061395.D
 Acq: 28 Mar 2019 17:14

Tgt Ion:146 Resp: 13185
 Ion Ratio Lower Upper
 146 100
 111 37.9 16.8 50.4
 148 66.2 32.6 98.0



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

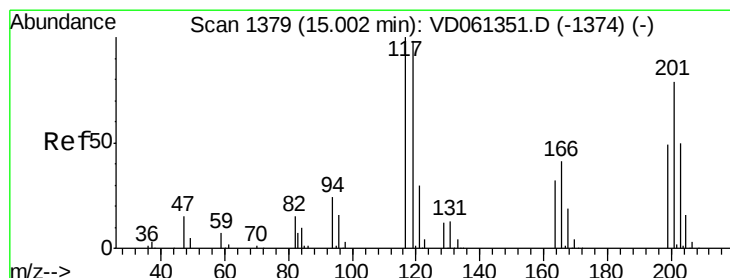
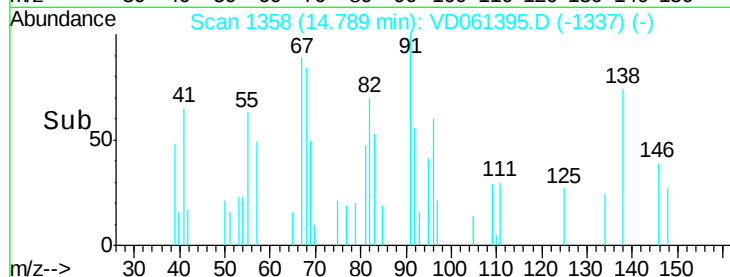
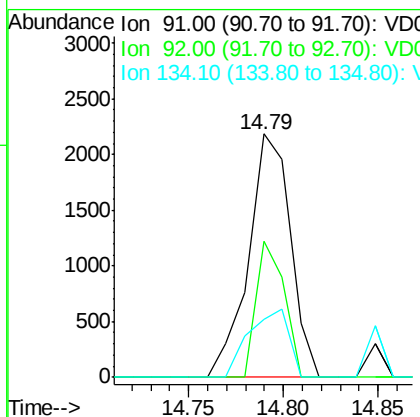
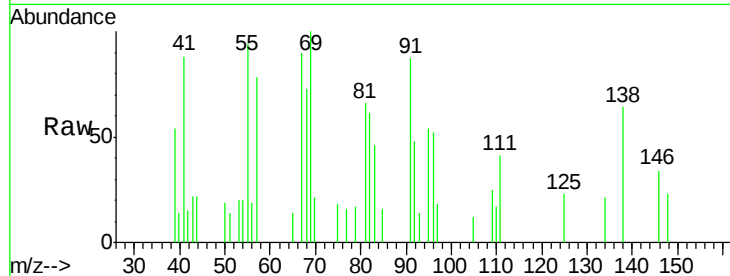




#89
n-Butylbenzene
Concen: 2.296 ug/l
RT: 14.79 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VD061395.D
Acq: 28 Mar 2019 17:14

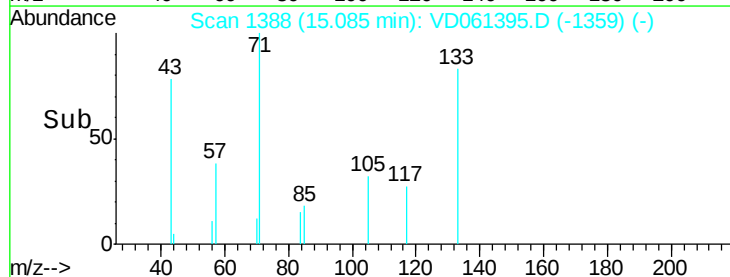
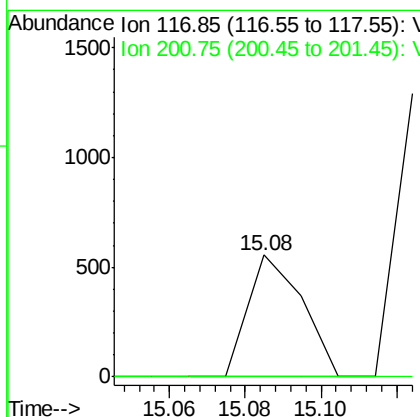
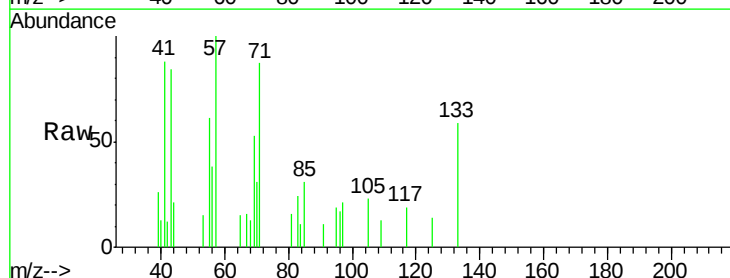
Instrument :
MSVOA_D
ClientSampleId :
WP022SB442-190319-(14-16)

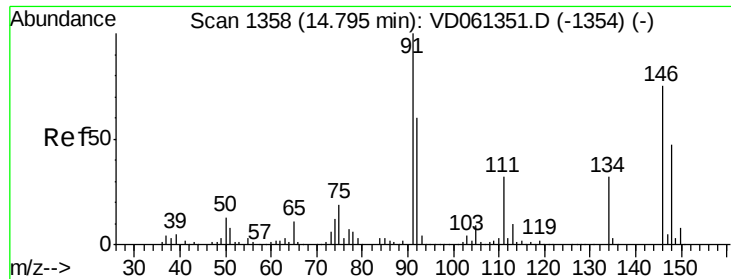
Tot Ion: 91 Resp: 3360
Ion Ratio Lower Upper
91 100
92 55.7 30.3 91.0
134 23.9 12.4 37.0



#90
Hexachloroethane
Concen: 1.212 ug/l
RT: 15.08 min Scan# 1388
Delta R.T. 0.08 min
Lab File: VD061395.D
Acq: 28 Mar 2019 17:14

Tgt Ion: 117 Resp: 546
Ion Ratio Lower Upper
117 100
201 0.0 39.6 119.0#





#91

1,2-Dichlorobenzene

Concen: 7.188 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VD061395.D

Acq: 28 Mar 2019 17:14

Instrument :

MSVOA_D

ClientSampleId :

WP022SB442-190319-(14-16)

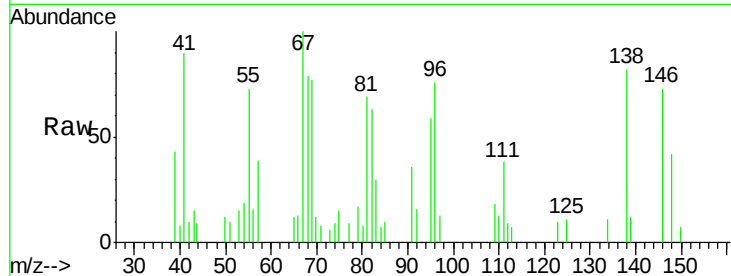
Tot Ion:146 Resp: 5419

Ion Ratio Lower Upper

146 100

111 52.5 21.2 63.6

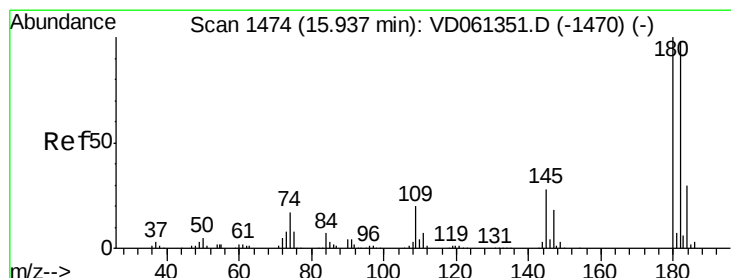
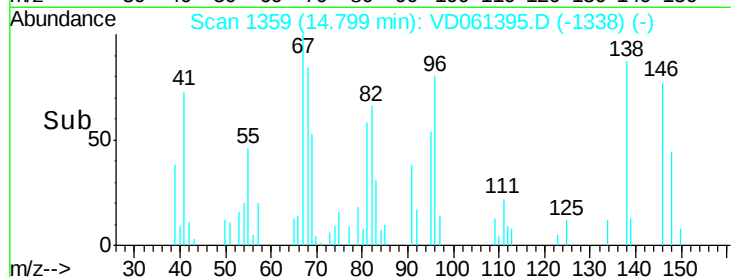
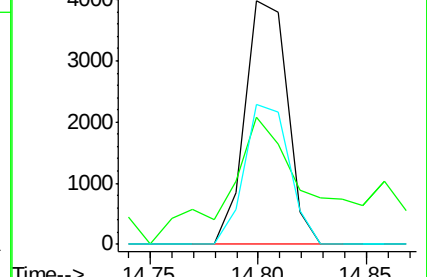
148 57.4 31.6 95.0



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



#93

1,2,4-Trichlorobenzene

Concen: 4.356 ug/l

RT: 15.94 min Scan# 1475

Delta R.T. 0.00 min

Lab File: VD061395.D

Acq: 28 Mar 2019 17:14

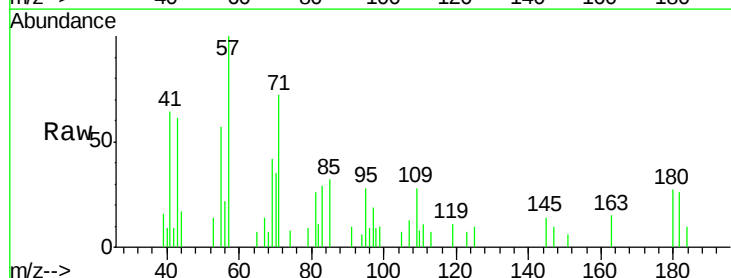
Tgt Ion:180 Resp: 1496

Ion Ratio Lower Upper

180 100

182 98.0 48.9 146.8

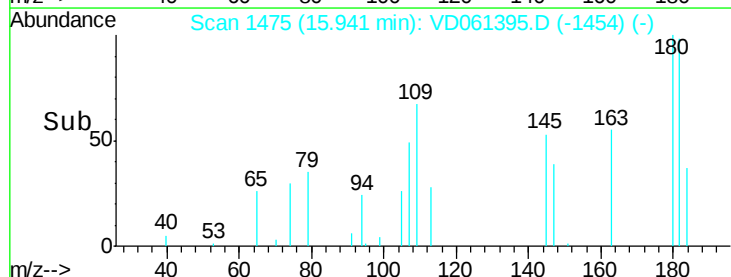
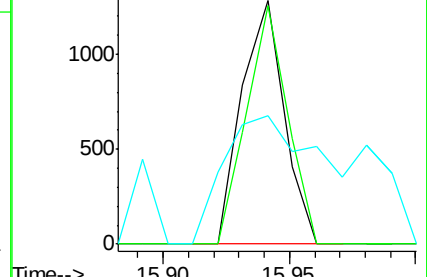
145 52.8 14.1 42.3#

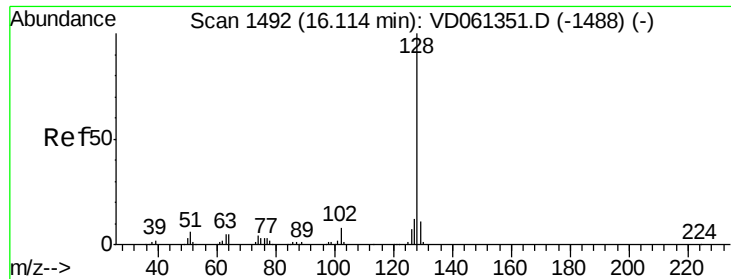


Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V





#95
Naphthalene
Concen: 4.407 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD061395.D
Acq: 28 Mar 2019 17:14

Instrument :
MSVOA_D
ClientSampleId :
WP022SB442-190319-(14-16)

Tot Ion:128 Resp: 2307
Ion Ratio Lower Upper
128 100
127 55.1 9.9 14.9#
129 20.4 8.9 13.3#

