

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071919\
 Data File : VN056834.D
 Acq On : 19 Jul 2019 16:04
 Operator : JC/SP
 Sample : K2646-15DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3DL

Quant Time: Jul 19 23:16:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	246643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	443132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	485080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	187650	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	145776	53.43	ug/l	0.00
Spiked Amount			Recovery	=	106.86%	
35) Dibromofluoromethane	7.59	113	130984	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	
50) Toluene-d8	10.09	98	565340	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	
62) 4-Bromofluorobenzene	12.40	95	217180	60.46	ug/l	0.00
Spiked Amount			Recovery	=	120.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	2.69	64	531	0.304	ug/l #	42
11) Tert butyl alcohol	4.76	59	1961	4.318	ug/l #	73
13) Acrolein	3.69	56	157	11.639	ug/l #	1
16) Acetone	3.82	43	113935	90.624	ug/l	100
17) Carbon Disulfide	4.05	76	4800	0.783	ug/l	98
18) Methyl Acetate	4.33	43	10625	2.845	ug/l #	89
20) Methylene Chloride	4.55	84	1759	0.640	ug/l	86
24) 1,1-Dichloroethane	5.85	63	1153	0.251	ug/l #	83
25) 2-Butanone	6.84	43	37099	20.184	ug/l	97
29) Tetrahydrofuran	6.94	42	4181	3.488	ug/l #	38
31) Cyclohexane	7.66	56	3878	0.889	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	15351	3.744	ug/l #	44
37) Ethyl Acetate	6.93	43	81485	20.162	ug/l	99
38) Carbon Tetrachloride	7.66	117	21438	5.575	ug/l #	16
43) Isopropyl Acetate	8.28	43	43043	6.775	ug/l #	53
48) Methyl methacrylate	9.17	41	4408	1.435	ug/l #	31
51) 4-Methyl-2-Pentanone	9.99	43	28551	6.938	ug/l	100
52) Toluene	10.16	92	56237	7.537	ug/l	97
56) Ethyl methacrylate	10.43	69	1771	0.393	ug/l	96
59) 2-Hexanone	10.75	43	1610	0.545	ug/l	62
68) m/p-Xylenes	11.62	106	1999	0.307	ug/l	84
71) Bromoform	12.40	173	1606	0.578	ug/l #	1
74) N-ethyl acetate	12.02	43	6809	1.208	ug/l #	42
76) 1,2,3-Trichloropropane	12.40	75	100244	24.425	ug/l #	100
79) 2-Chlorotoluene	12.66	91	323	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	100244	75.432	ug/l #	13
83) tert-Butylbenzene	13.03	119	311	Below Cal	#	28
84) 1,2,4-Trimethylbenzene	13.03	105	4130	0.330	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	517	3.822	ug/l #	85
94) Hexachlorobutadiene	15.00	225	94	Below Cal	#	18
95) Naphthalene	15.13	128	9412	5.377	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	749	3.515	ug/l #	74

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Response via : Initial Calibration

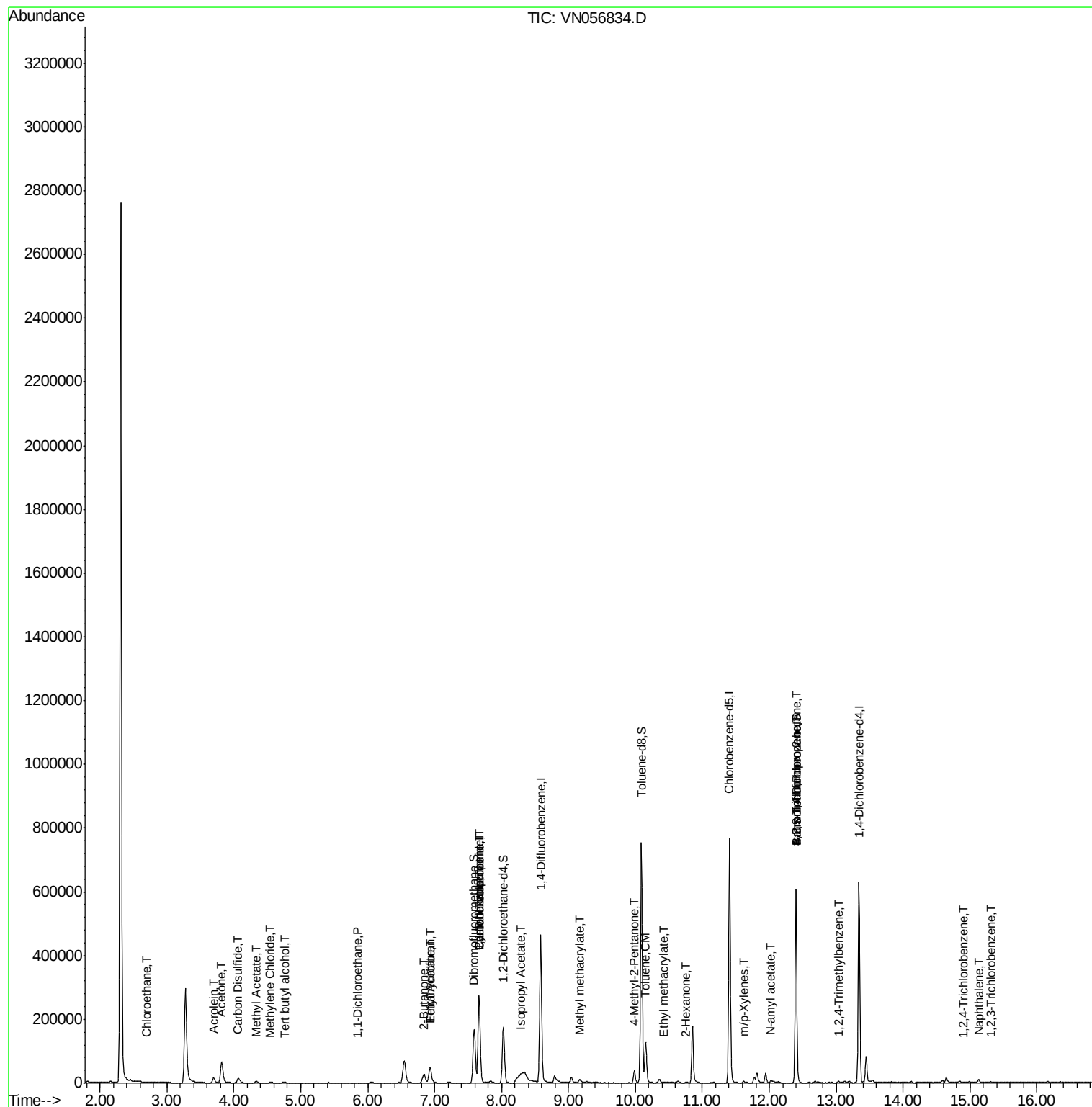
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

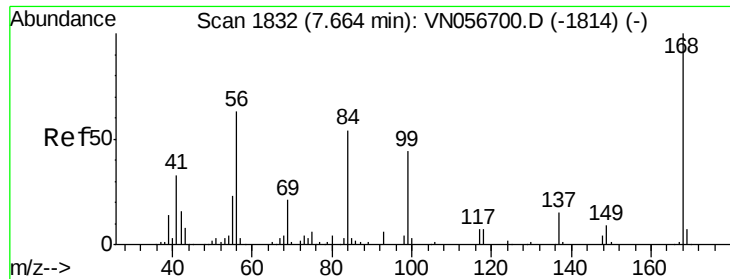
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056834.D

Acq: 19 Jul 2019 16:04

Instrument :

MSVOA_N

ClientSampleId :

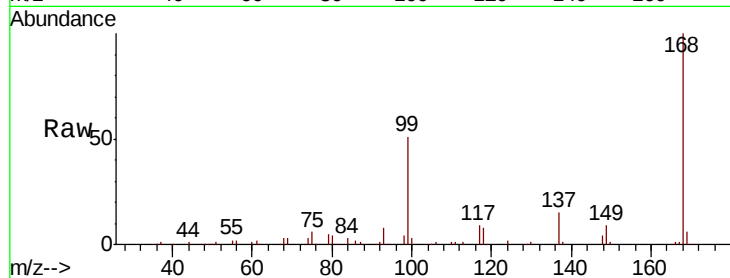
COMP-3DL

Tot Ion:168 Resp: 246643

Ion Ratio Lower Upper

168 100

99 50.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056700.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN056700.D (-1814) (-)

7.66

100000

80000

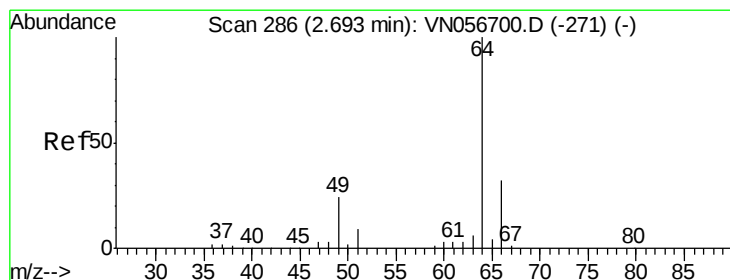
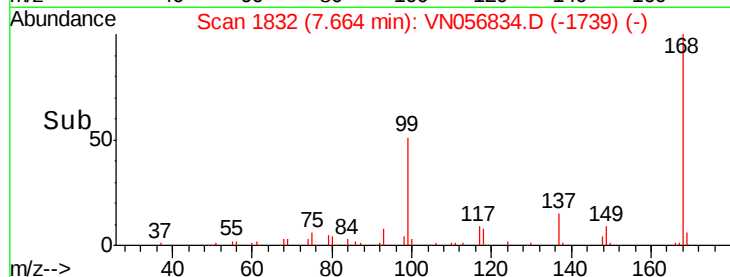
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 0.304 ug/l

RT: 2.69 min Scan# 286

Delta R.T. -0.00 min

Lab File: VN056834.D

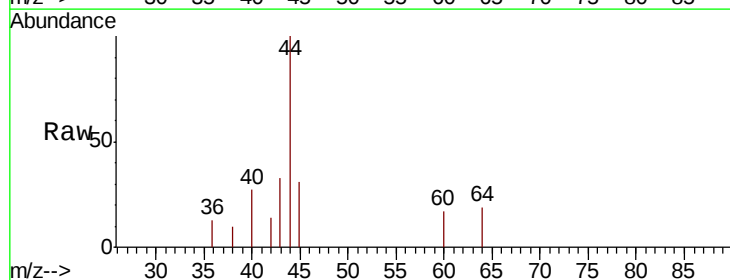
Acq: 19 Jul 2019 16:04

Tgt Ion: 64 Resp: 531

Ion Ratio Lower Upper

64 100

66 0.0 25.8 38.8#



Abundance Ion 63.90 (63.60 to 64.60): VN056700.D (-271) (-)

Ion 65.90 (65.60 to 66.60): VN056700.D (-271) (-)

2.69

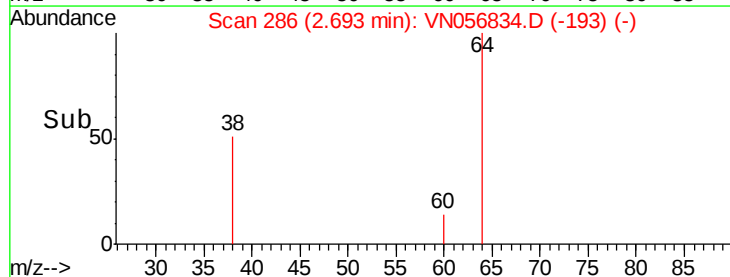
300

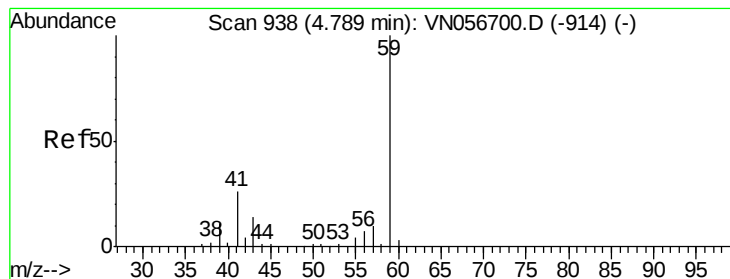
200

100

0

Time-->



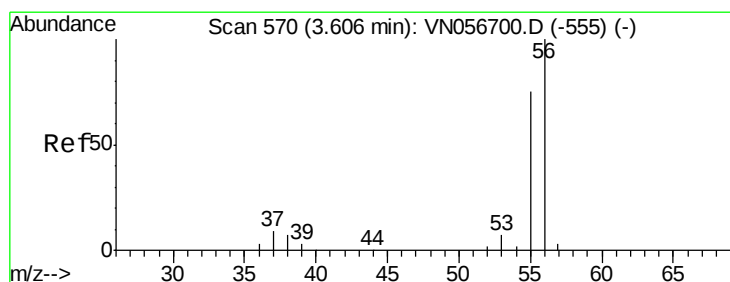
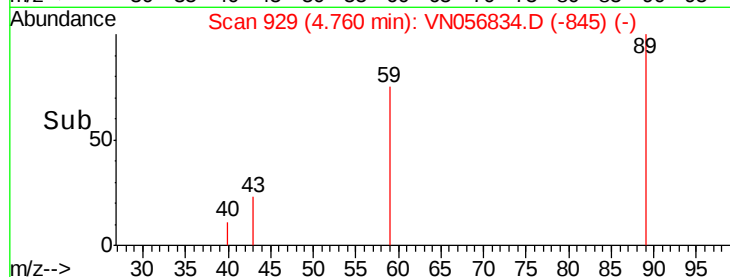
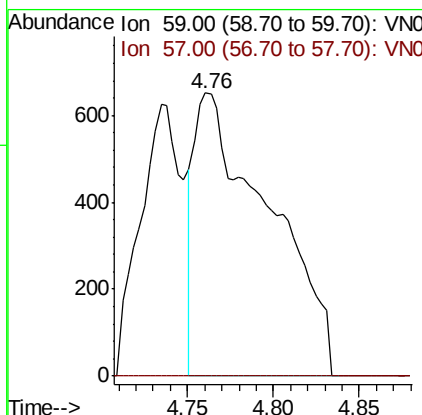
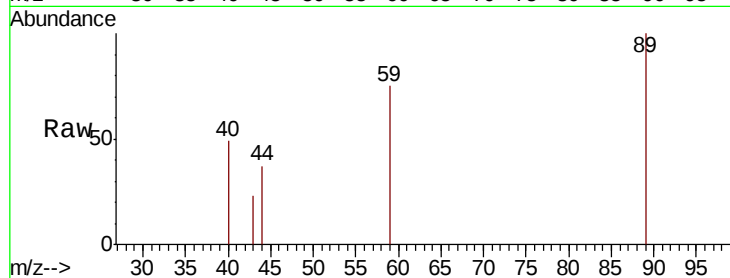


#11

Tert butyl alcohol
 Concen: 4.318 ug/l
 RT: 4.76 min Scan# 929
 Delta R.T. -0.03 min
 Lab File: VN056834.D
 Acq: 19 Jul 2019 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3DL

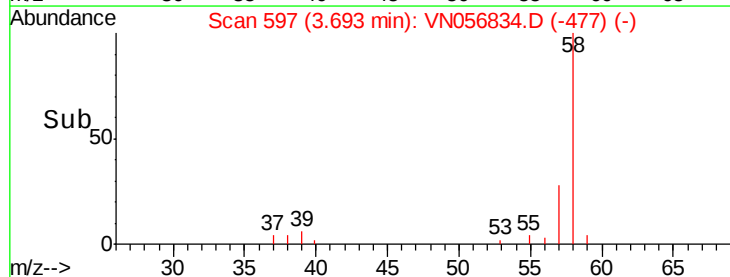
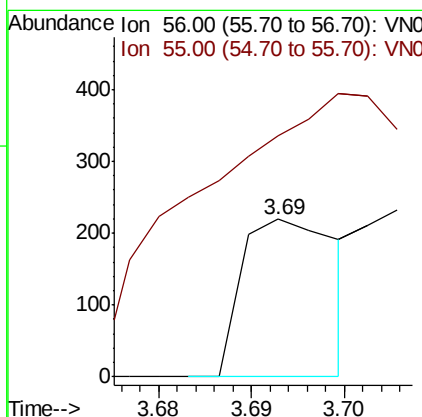
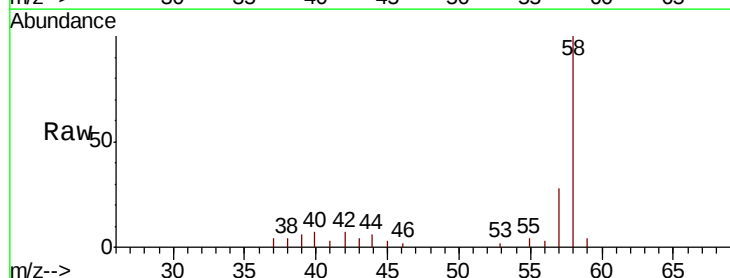
Tot Ion: 59 Resp: 1961
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

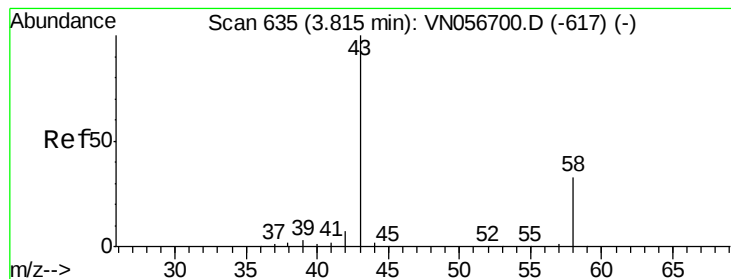


#13

Acrolein
 Concen: 11.639 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. 0.09 min
 Lab File: VN056834.D
 Acq: 19 Jul 2019 16:04

Tgt Ion: 56 Resp: 157
 Ion Ratio Lower Upper
 56 100
 55 508.9 58.0 87.0#





#16

Acetone

Concen: 90.624 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN056834.D

Acq: 19 Jul 2019 16:04

Instrument :

MSVOA_N

ClientSampleId :

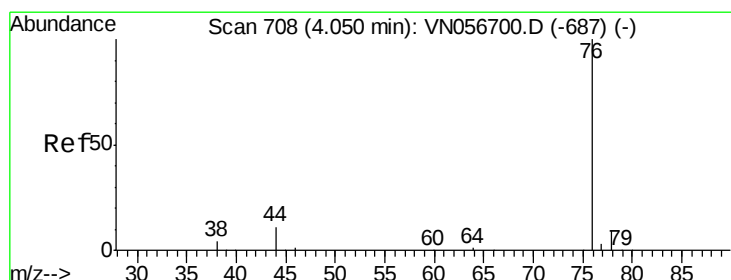
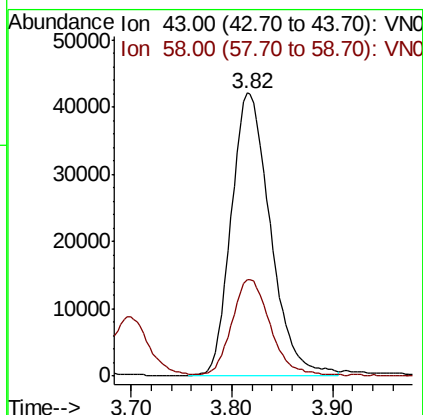
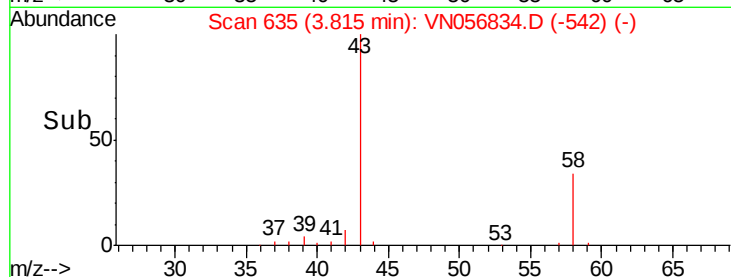
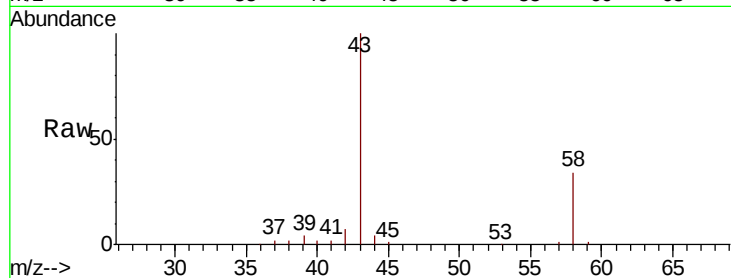
COMP-3DL

Tot Ion: 43 Resp: 113935

Ion Ratio Lower Upper

43 100

58 33.6 26.7 40.1



#17

Carbon Disulfide

Concen: 0.783 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.00 min

Lab File: VN056834.D

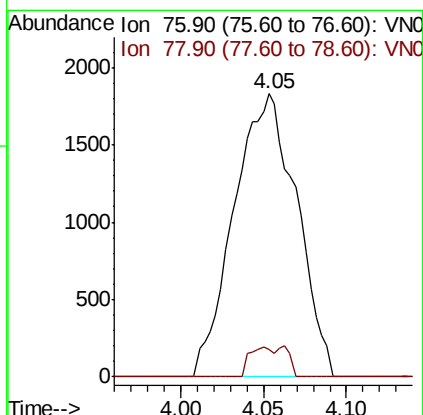
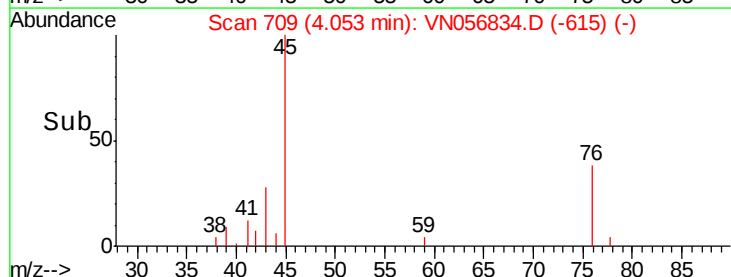
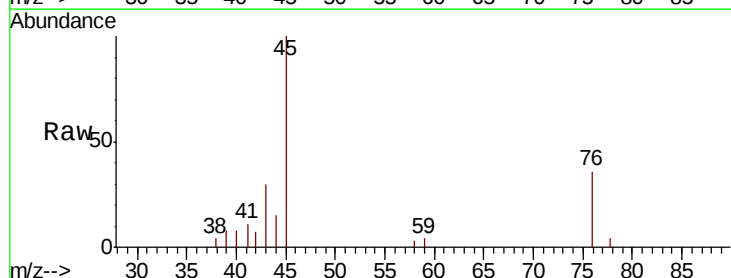
Acq: 19 Jul 2019 16:04

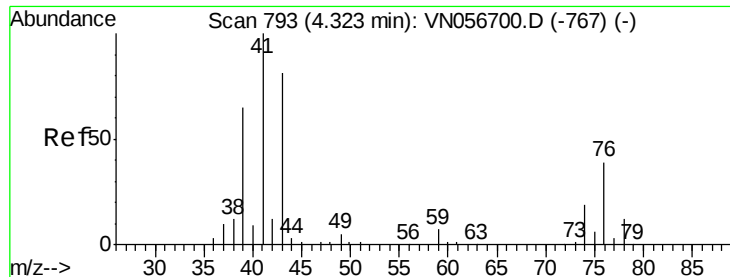
Tgt Ion: 76 Resp: 4800

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.0

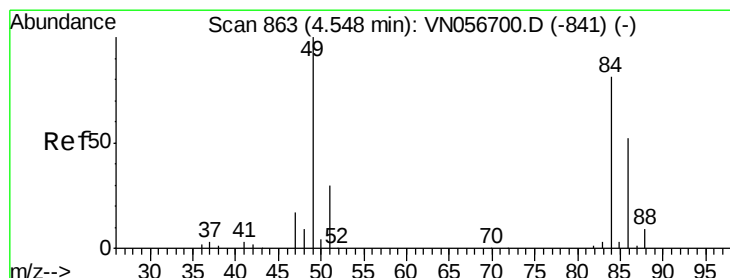
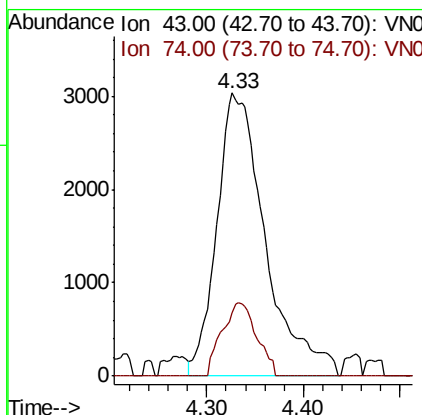
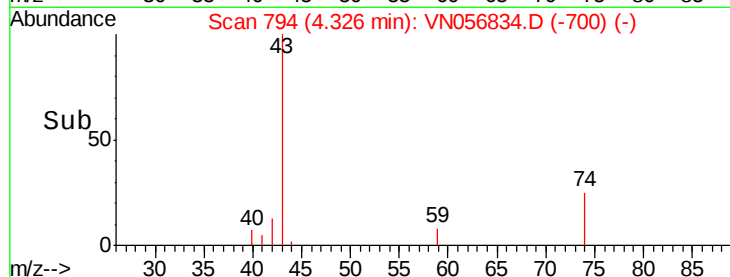
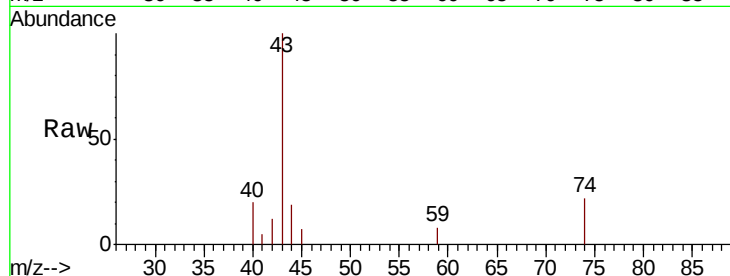




#18
Methyl Acetate
Concen: 2.845 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056834.D
Acq: 19 Jul 2019 16:04

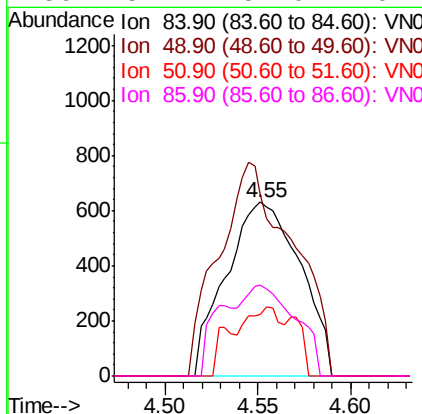
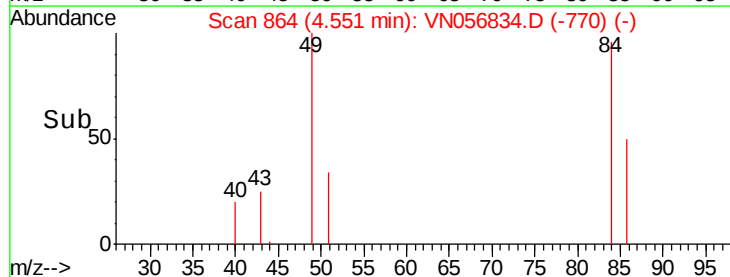
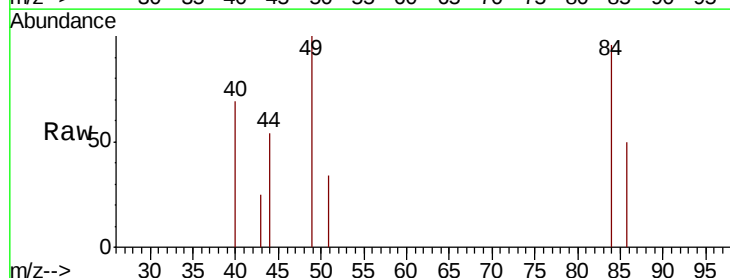
Instrument :
MSVOA_N
ClientSampleId :
COMP-3DL

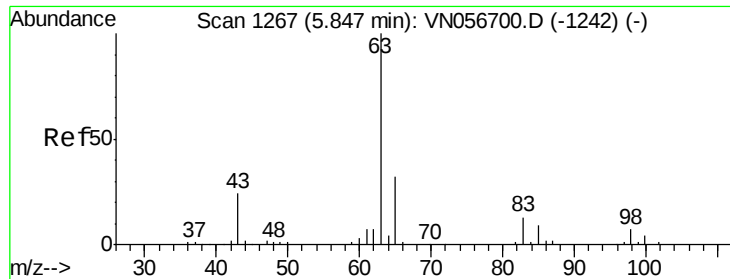
Tot Ion: 43 Resp: 10625
Ion Ratio Lower Upper
43 100
74 18.4 18.9 28.3#



#20
Methylene Chloride
Concen: 0.640 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056834.D
Acq: 19 Jul 2019 16:04

Tgt Ion: 84 Resp: 1759
Ion Ratio Lower Upper
84 100
49 104.6 98.2 147.4
51 35.5 29.6 44.4
86 52.1 51.0 76.4





#24

1,1-Dichloroethane

Concen: 0.251 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN056834.D

Acq: 19 Jul 2019 16:04

Instrument :

MSVOA_N

ClientSampled :

COMP-3DL

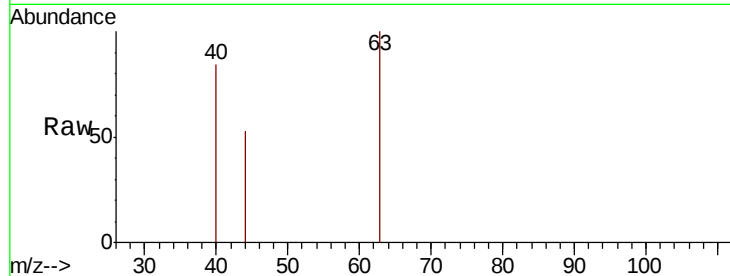
Tot Ion: 63 Resp: 1153

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.9#

100 0.0 2.0 5.8#

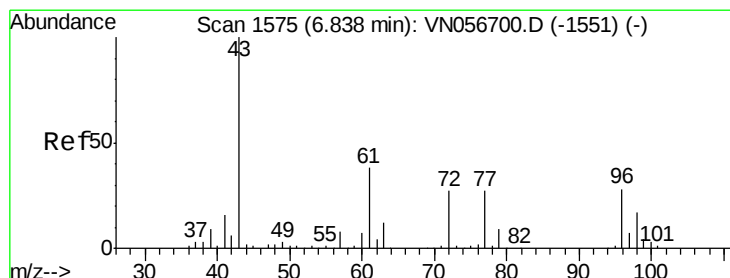
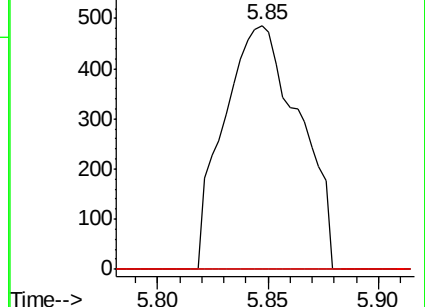
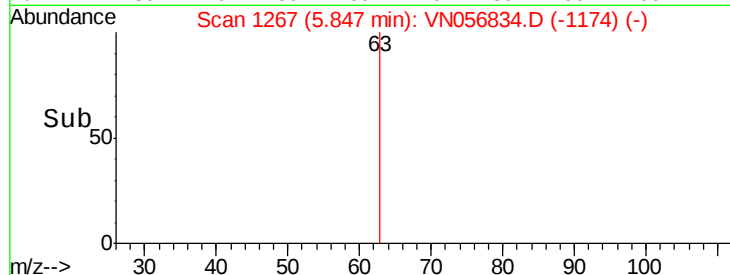


Abundance Ion 62.90 (62.60 to 63.60): VN056834.D (-1174) (-)

Ion 97.90 (97.60 to 98.60): VN056834.D (-1174) (-)

Ion 99.90 (99.60 to 100.60): VN056834.D (-1174) (-)

Time-->



#25

2-Butanone

Concen: 20.184 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN056834.D

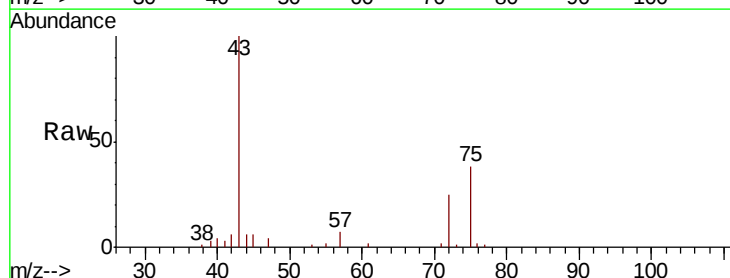
Acq: 19 Jul 2019 16:04

Tgt Ion: 43 Resp: 37099

Ion Ratio Lower Upper

43 100

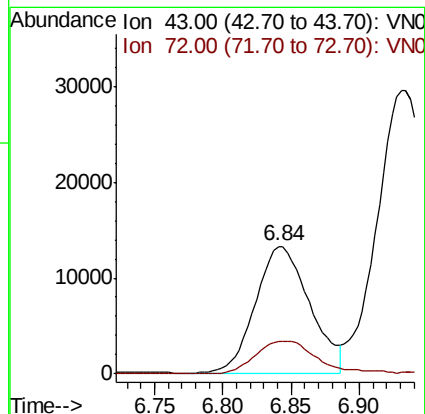
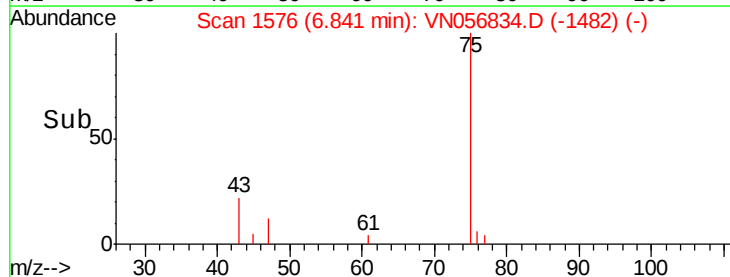
72 25.2 21.2 31.8

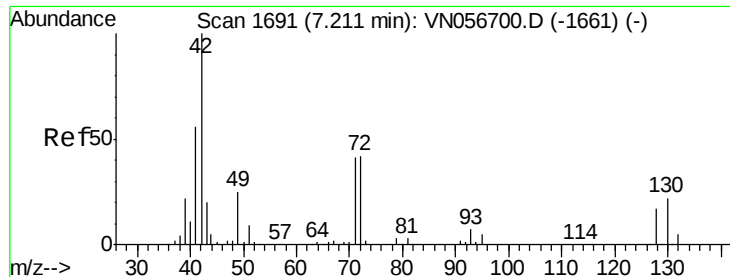


Abundance Ion 43.00 (42.70 to 43.70): VN056834.D (-1482) (-)

Ion 72.00 (71.70 to 72.70): VN056834.D (-1482) (-)

Time-->





#29

Tetrahydrofuran

Concen: 3.488 ug/l

RT: 6.94 min Scan# 1606

Delta R.T. -0.27 min

Lab File: VN056834.D

Acq: 19 Jul 2019 16:04

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COMP-3DL

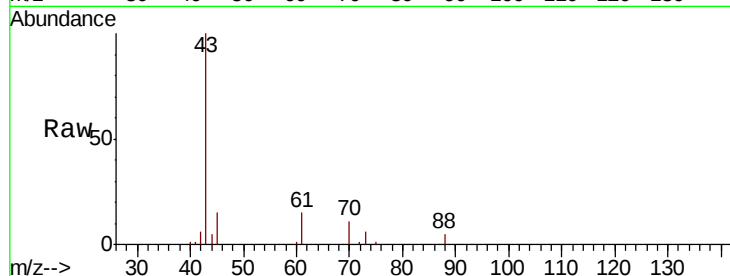
Tot Ion: 42 Resp: 4181

Ion Ratio Lower Upper

42 100

72 3.1 33.5 50.3#

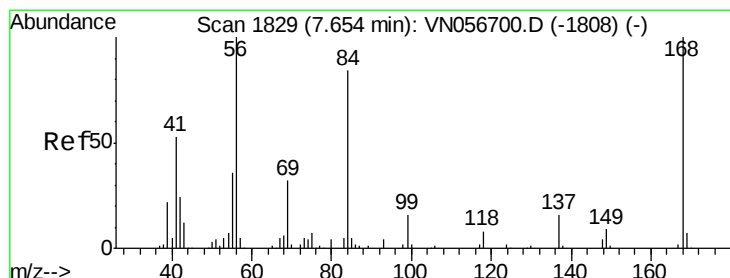
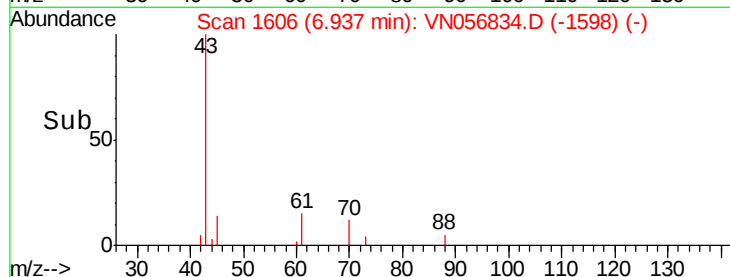
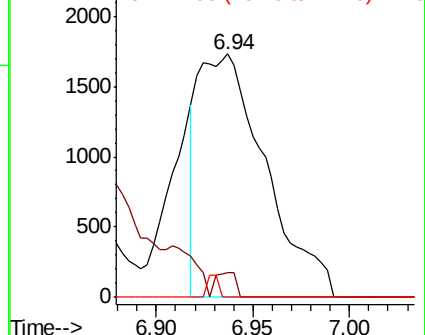
71 1.5 31.8 47.8#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.889 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN056834.D

Acq: 19 Jul 2019 16:04

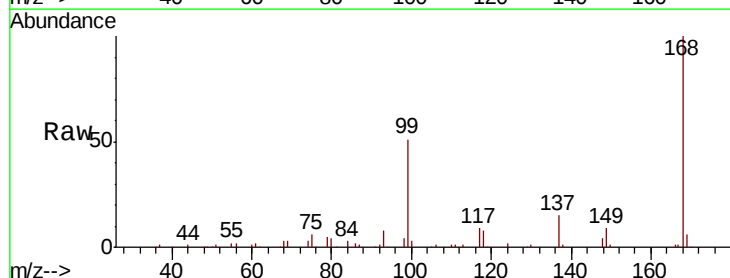
Tgt Ion: 56 Resp: 3878

Ion Ratio Lower Upper

56 100

69 184.2 25.8 38.8#

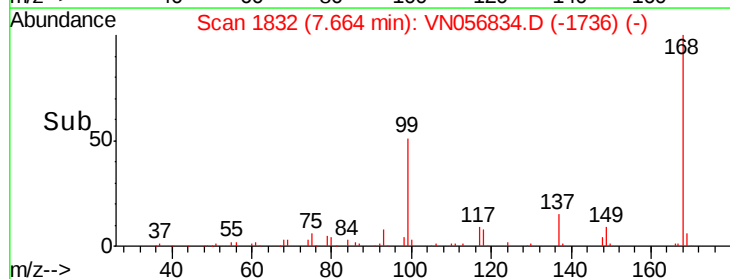
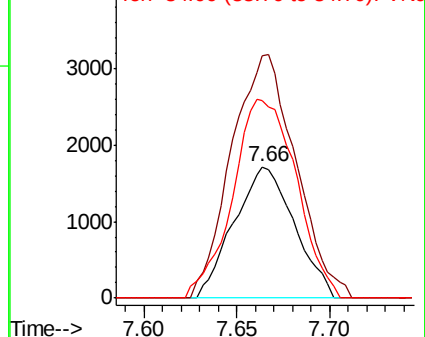
84 150.0 67.4 101.0#

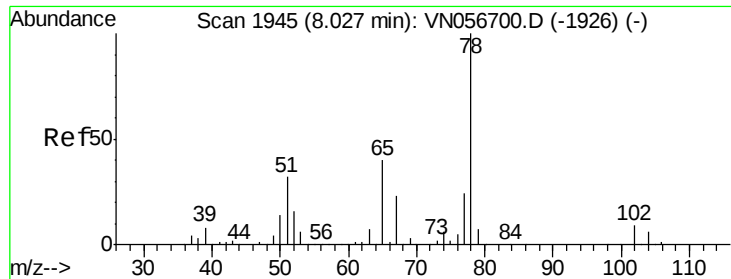


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 53.433 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056834.D

Acq: 19 Jul 2019 16:04

Instrument :

MSVOA_N

ClientSampleId :

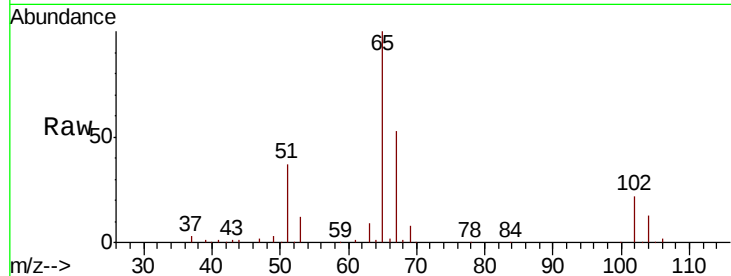
COMP-3DL

Tot Ion: 65 Resp: 145776

Ion Ratio Lower Upper

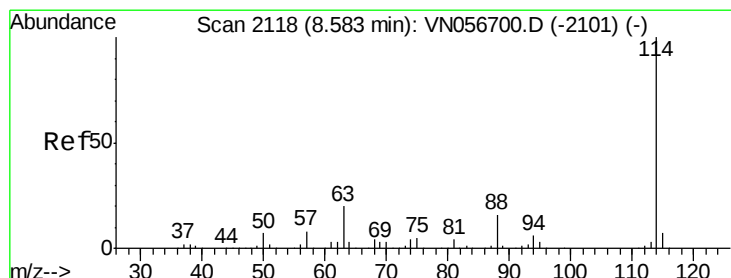
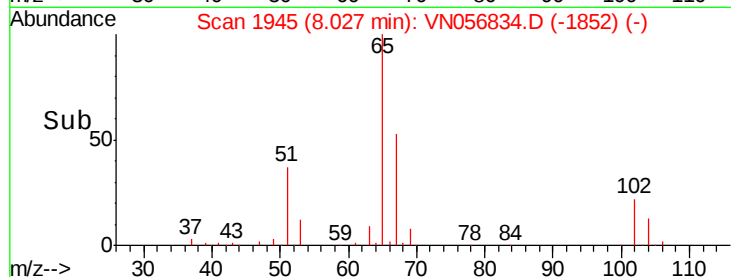
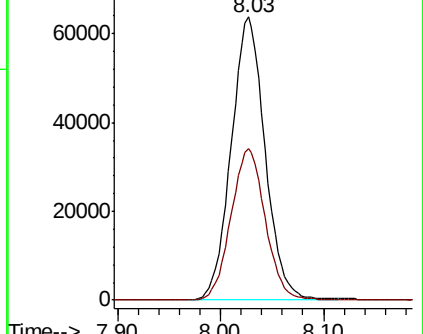
65 100

67 54.0 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056834.D

Acq: 19 Jul 2019 16:04

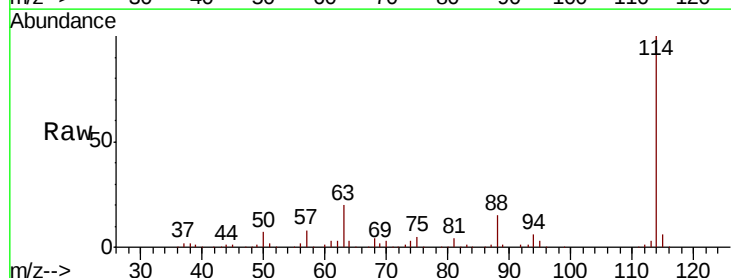
Tgt Ion: 114 Resp: 443132

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.4

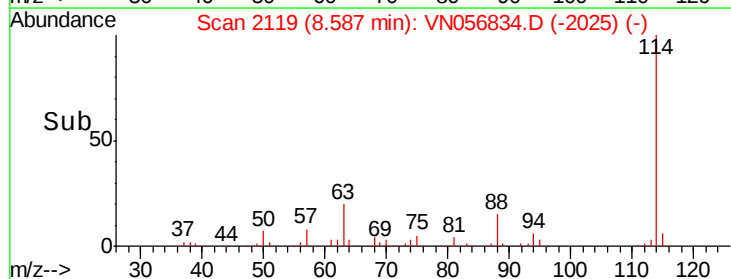
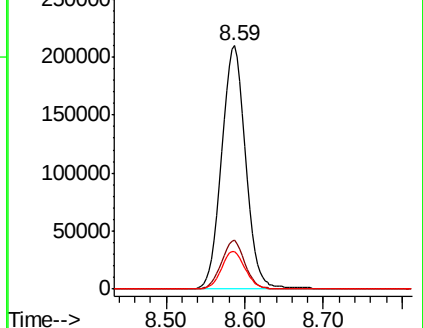
88 15.3 0.0 31.2

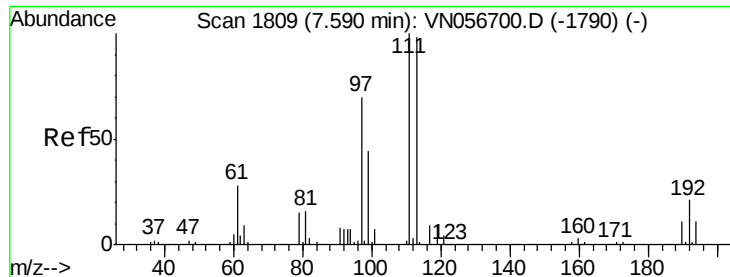


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

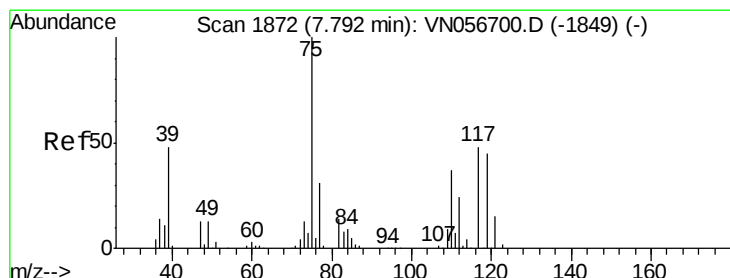
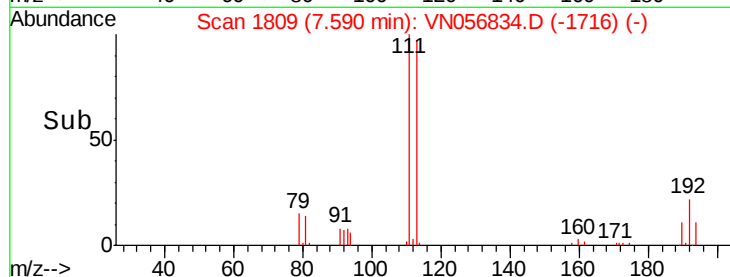
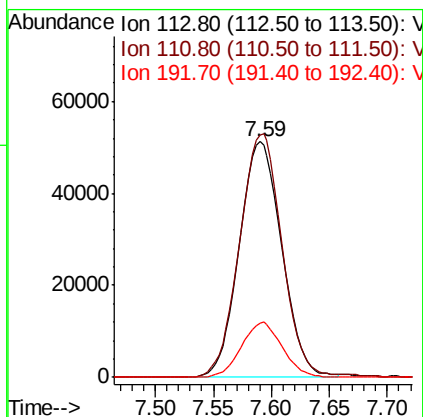
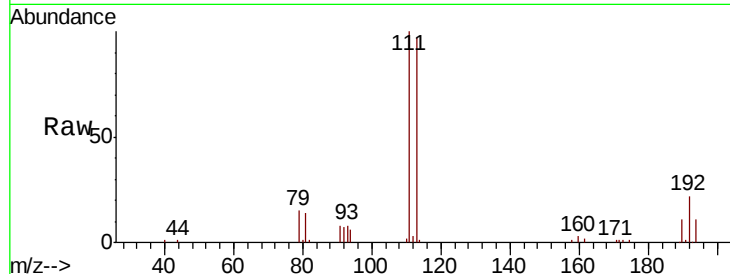




#35
 Dibromofluoromethane
 Concen: 47.498 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056834.D
 Acq: 19 Jul 2019 16:04

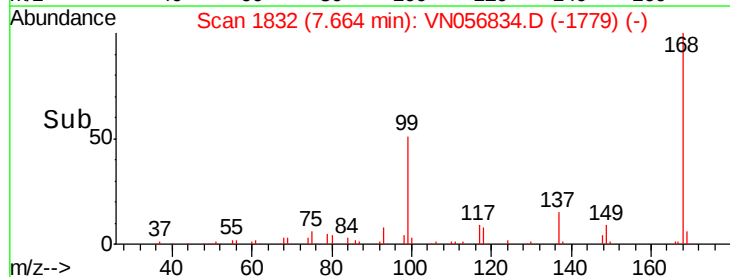
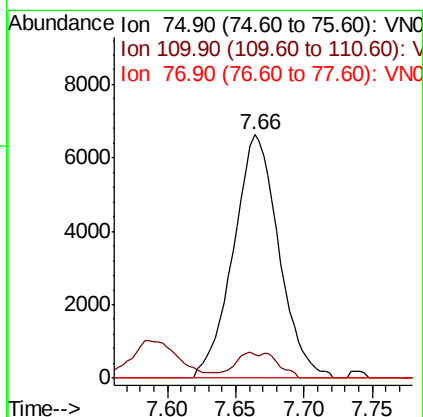
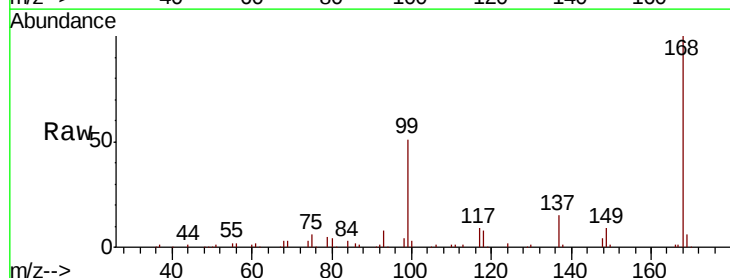
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3DL

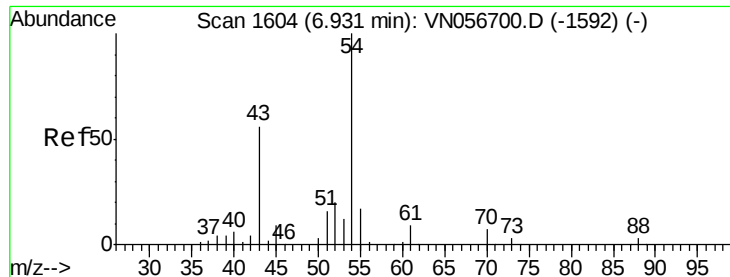
Tot Ion:113 Resp: 130984
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.8 122.6
 192 22.3 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 3.744 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056834.D
 Acq: 19 Jul 2019 16:04

Tgt Ion: 75 Resp: 15351
 Ion Ratio Lower Upper
 75 100
 110 3.7 18.4 55.4#
 77 0.0 24.6 36.8#

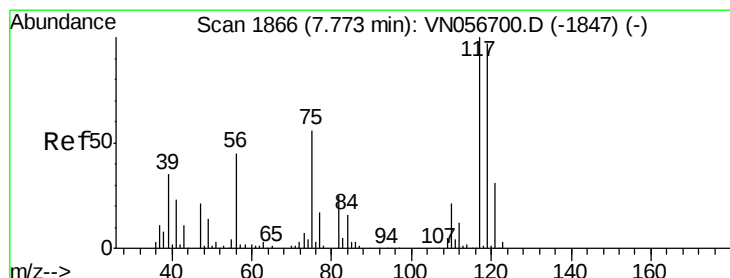
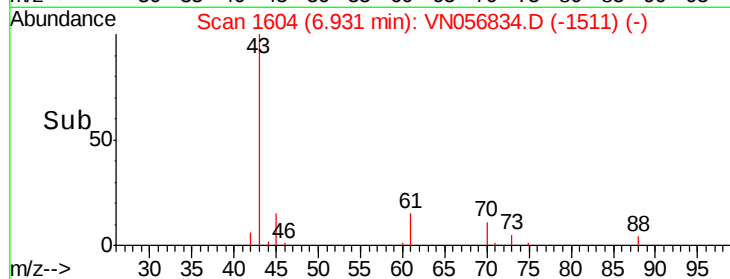
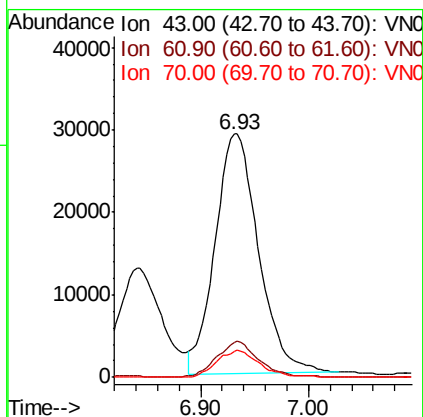
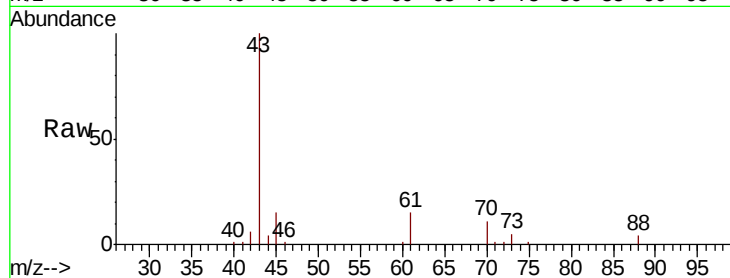




#37
Ethyl Acetate
Concen: 20.162 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN056834.D
Acq: 19 Jul 2019 16:04

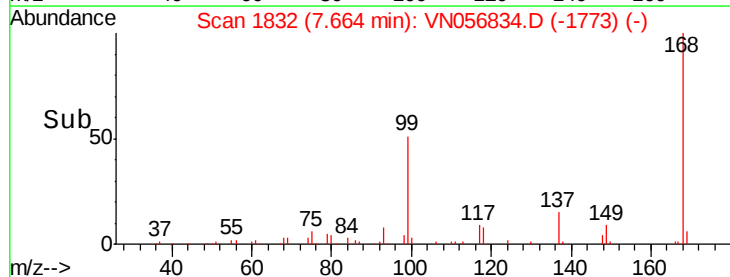
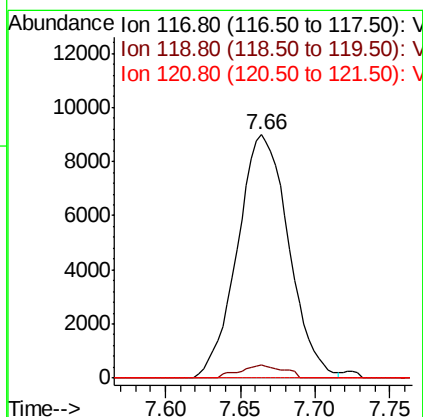
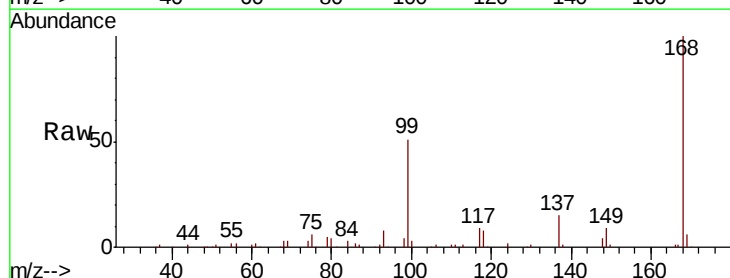
Instrument :
MSVOA_N
ClientSampleId :
COMP-3DL

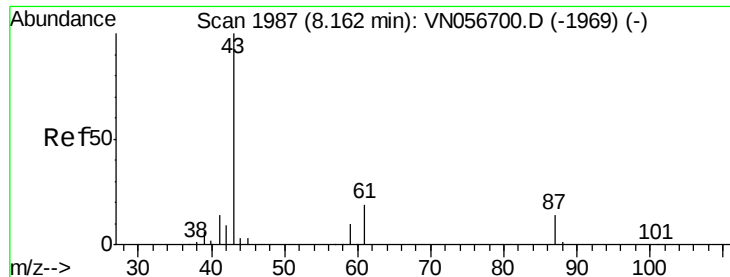
Tot Ion: 43 Resp: 81485
Ion Ratio Lower Upper
43 100
61 14.5 11.3 16.9
70 11.2 8.5 12.7



#38
Carbon Tetrachloride
Concen: 5.575 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN056834.D
Acq: 19 Jul 2019 16:04

Tgt Ion: 117 Resp: 21438
Ion Ratio Lower Upper
117 100
119 5.2 77.5 116.3#
121 0.0 24.7 37.1#





#43

Isopropyl Acetate

Concen: 6.775 ug/l

RT: 8.28 min Scan# 2025

Delta R.T. 0.12 min

Lab File: VN056834.D

Acq: 19 Jul 2019 16:04

Instrument :

MSVOA_N

ClientSampleId :

COMP-3DL

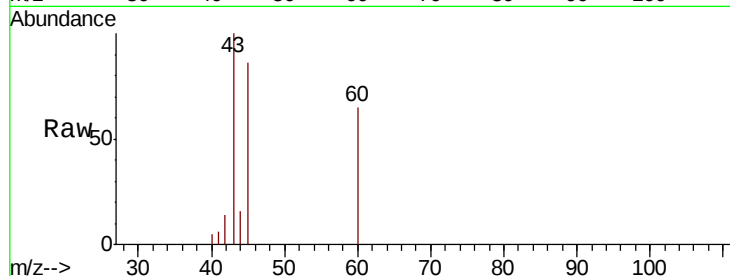
Tot Ion: 43 Resp: 43043

Ion Ratio Lower Upper

43 100

61 0.2 22.3 33.5#

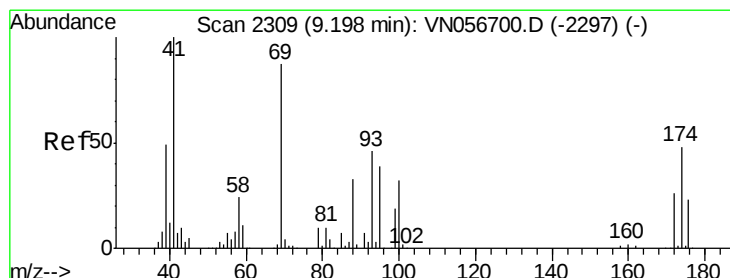
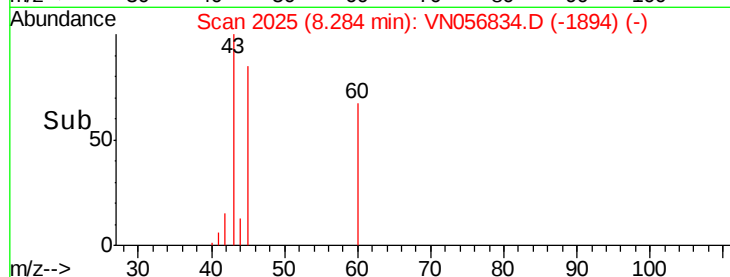
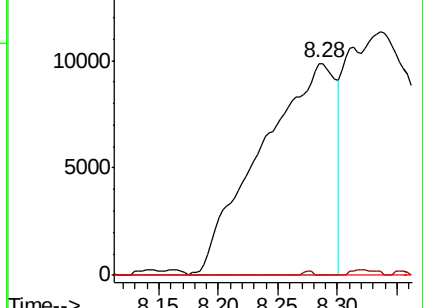
87 0.0 11.1 16.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 1.435 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.03 min

Lab File: VN056834.D

Acq: 19 Jul 2019 16:04

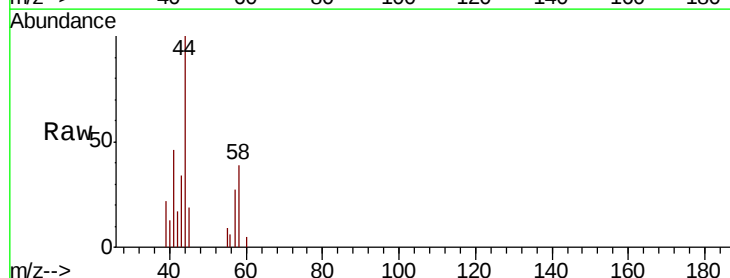
Tgt Ion: 41 Resp: 4408

Ion Ratio Lower Upper

41 100

69 0.0 71.4 107.0#

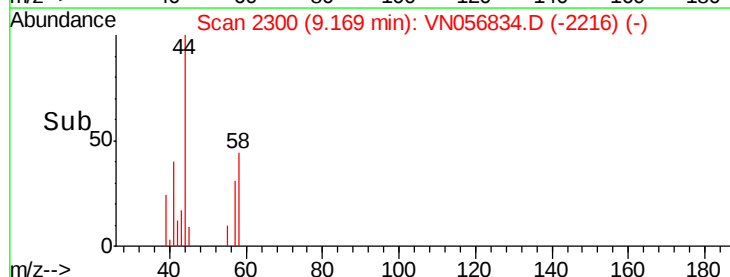
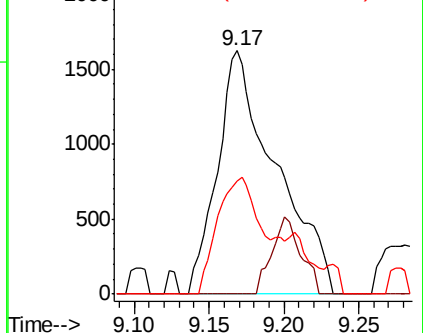
39 34.4 41.2 61.8#

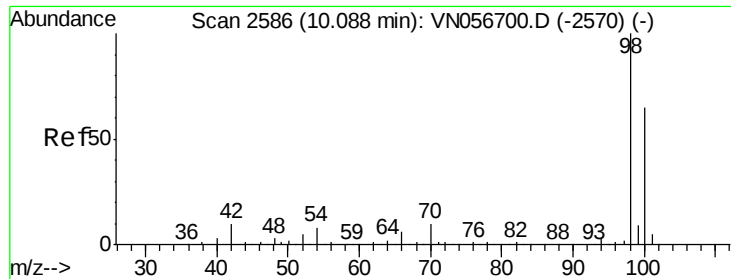


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

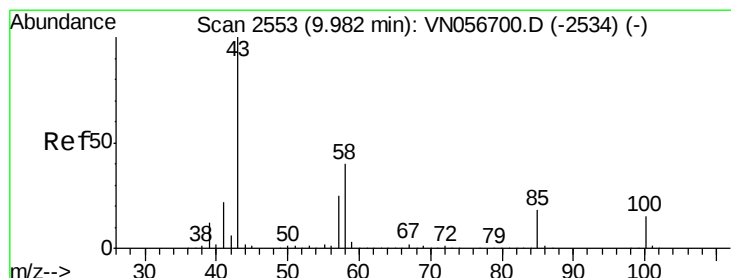
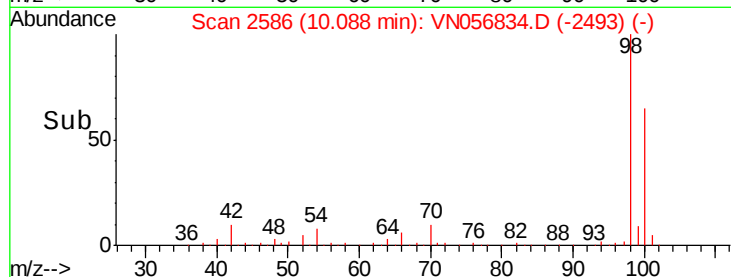
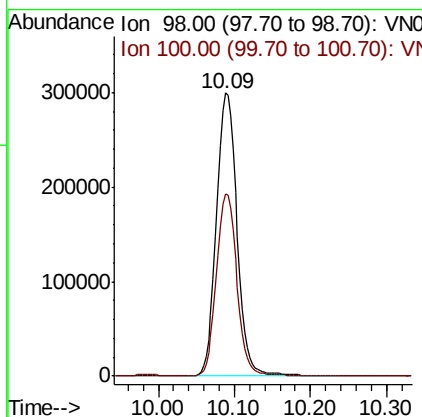
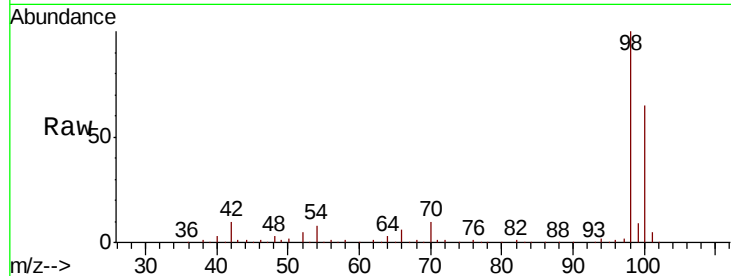




#50
Toluene-d8
Concen: 53.079 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN056834.D
Acq: 19 Jul 2019 16:04

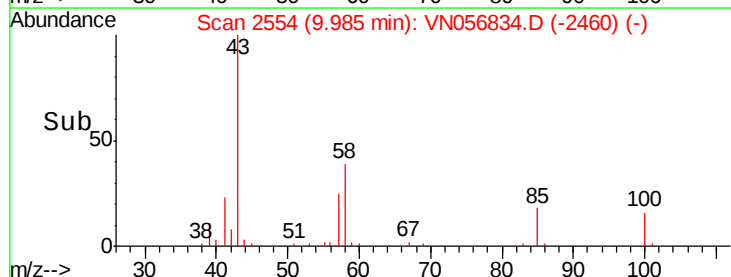
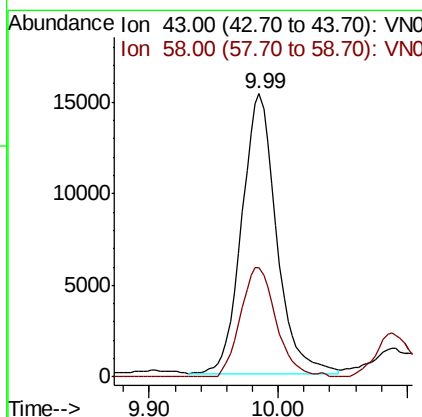
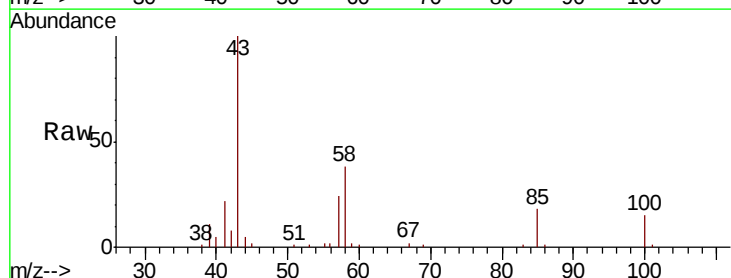
Instrument :
MSVOA_N
ClientSampled :
COMP-3DL

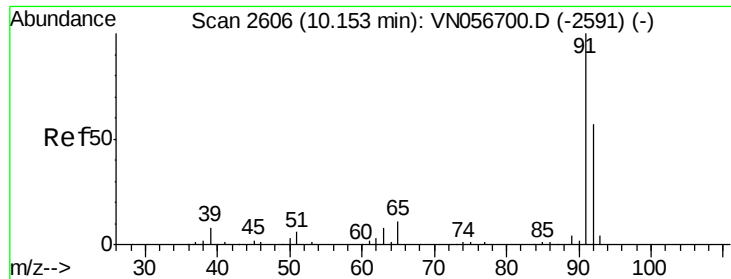
Tot Ion: 98 Resp: 565340
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 6.938 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056834.D
Acq: 19 Jul 2019 16:04

Tgt Ion: 43 Resp: 28551
Ion Ratio Lower Upper
43 100
58 40.1 32.0 48.0





#52

Toluene

Concen: 7.537 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056834.D

Acq: 19 Jul 2019 16:04

Instrument :

MSVOA_N

ClientSampleId :

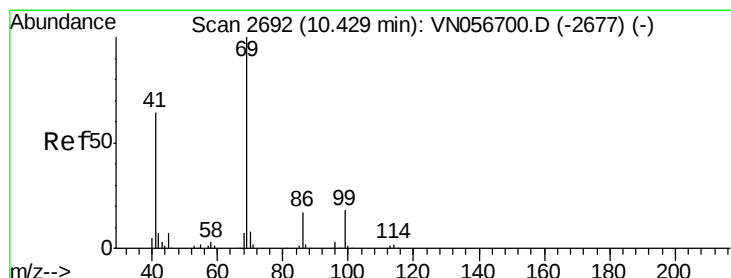
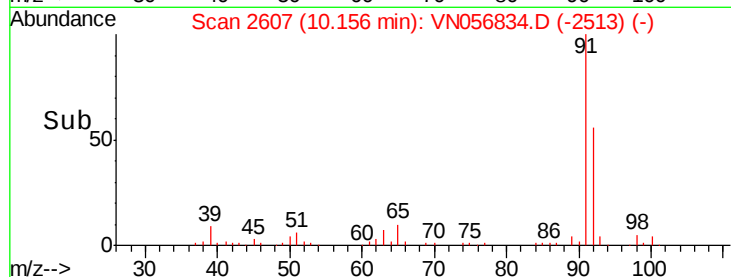
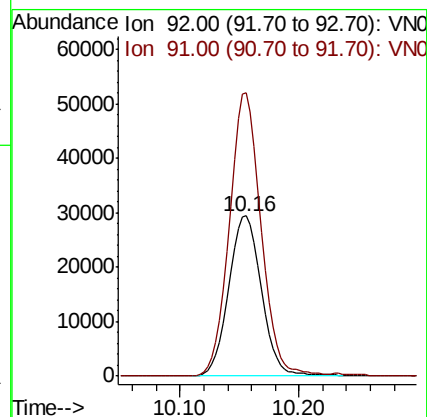
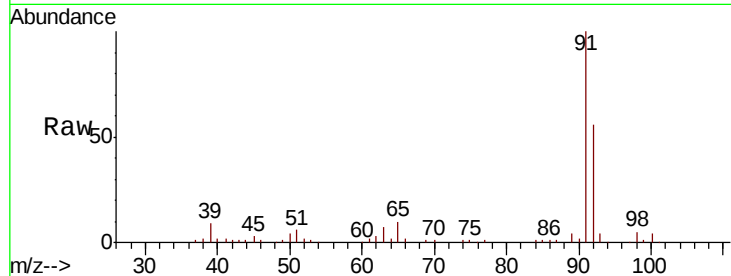
COMP-3DL

Tot Ion: 92 Resp: 56237

Ion Ratio Lower Upper

92 100

91 170.5 139.9 209.9



#56

Ethyl methacrylate

Concen: 0.393 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056834.D

Acq: 19 Jul 2019 16:04

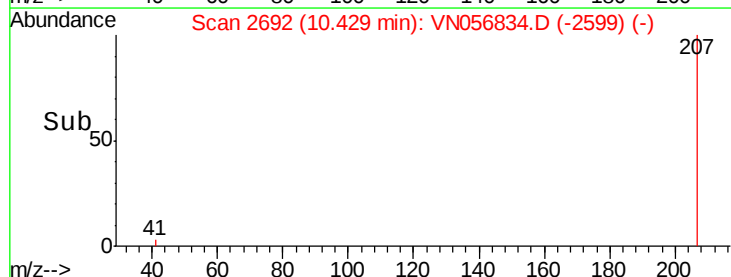
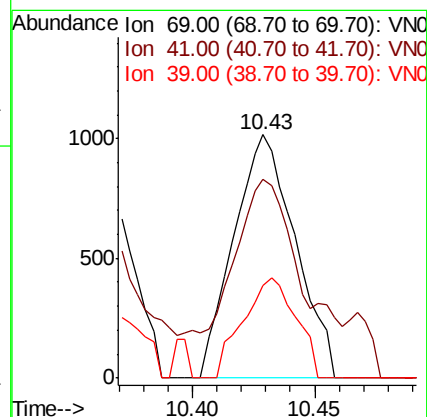
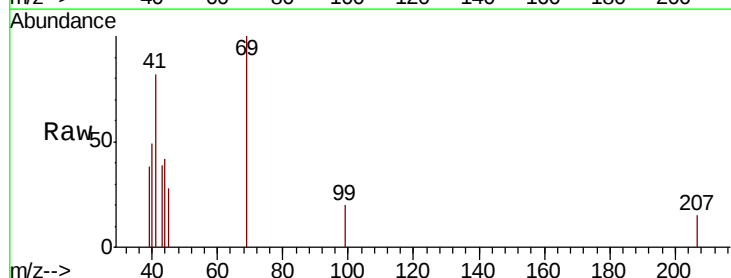
Tgt Ion: 69 Resp: 1771

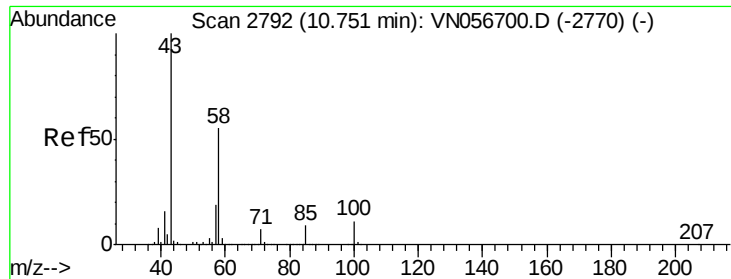
Ion Ratio Lower Upper

69 100

41 62.3 51.0 76.4

39 35.6 24.6 36.8

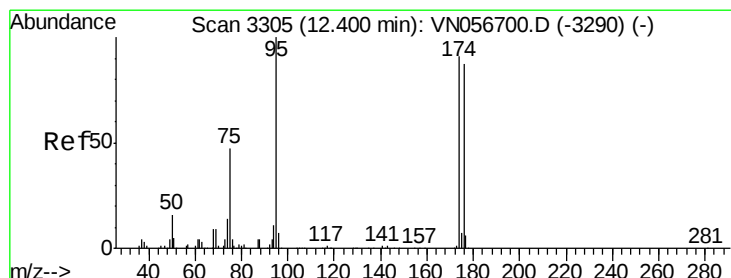
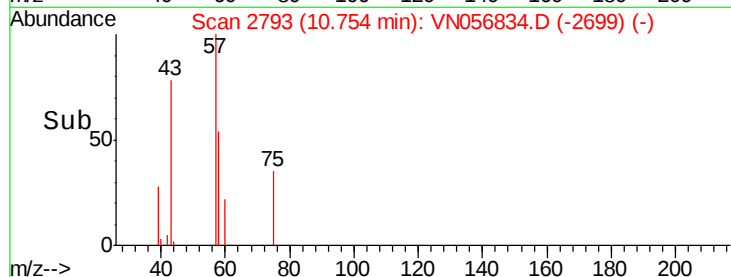
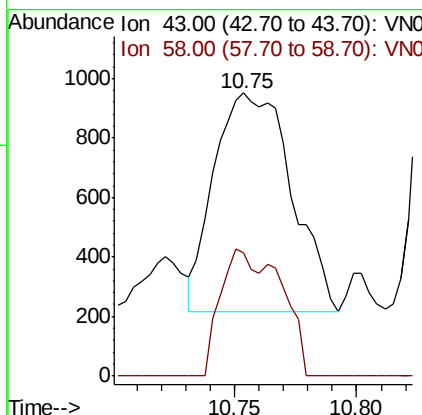
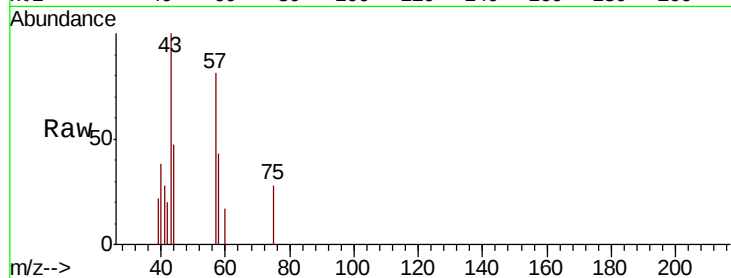




#59
2-Hexanone
Concen: 0.545 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056834.D
Acq: 19 Jul 2019 16:04

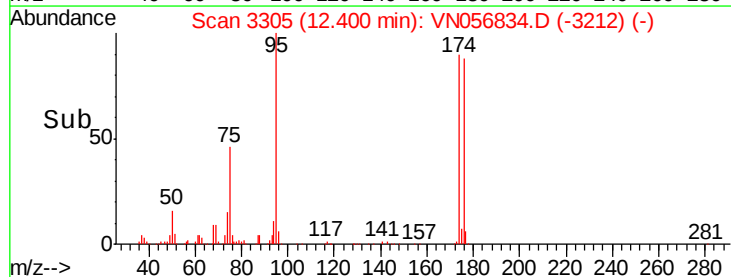
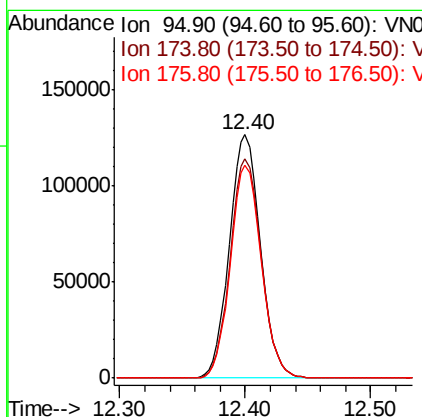
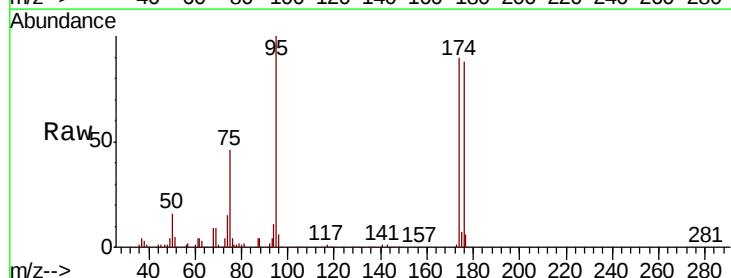
Instrument :
MSVOA_N
ClientSampled :
COMP-3DL

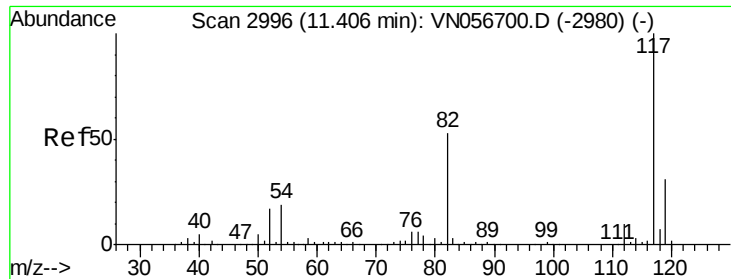
Tot Ion: 43 Resp: 1610
Ion Ratio Lower Upper
43 100
58 28.3 27.9 83.6



#62
4-Bromofluorobenzene
Concen: 60.465 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056834.D
Acq: 19 Jul 2019 16:04

Tgt Ion: 95 Resp: 217180
Ion Ratio Lower Upper
95 100
174 90.6 0.0 180.0
176 87.4 0.0 173.2

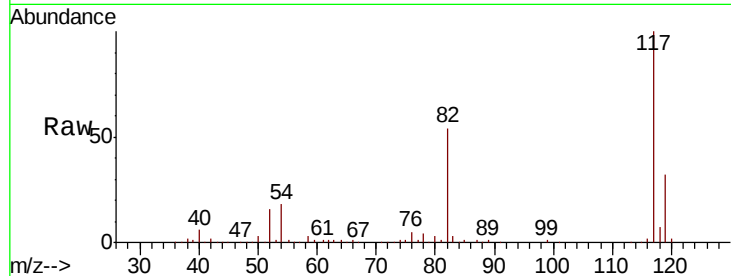




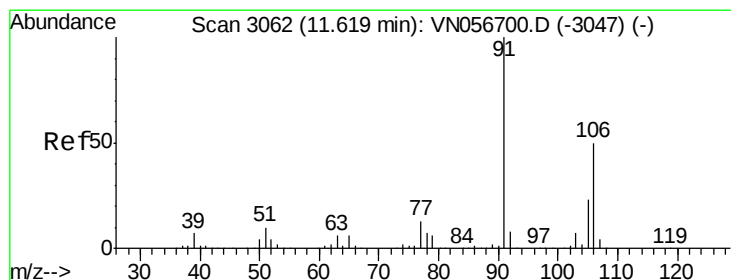
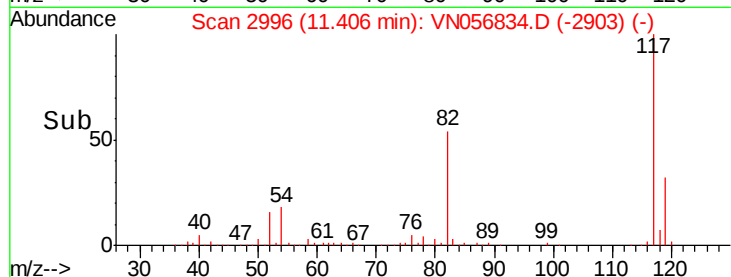
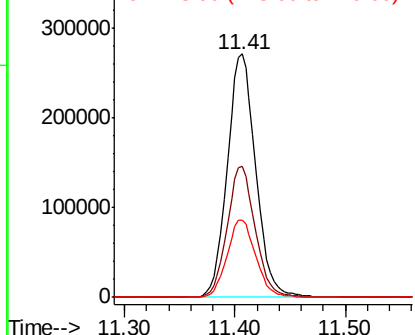
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056834.D
Acq: 19 Jul 2019 16:04

Instrument :
MSVOA_N
ClientSampled :
COMP-3DL

Tot Ion:117 Resp: 485080
Ion Ratio Lower Upper
117 100
82 53.6 42.2 63.2
119 31.9 25.2 37.8

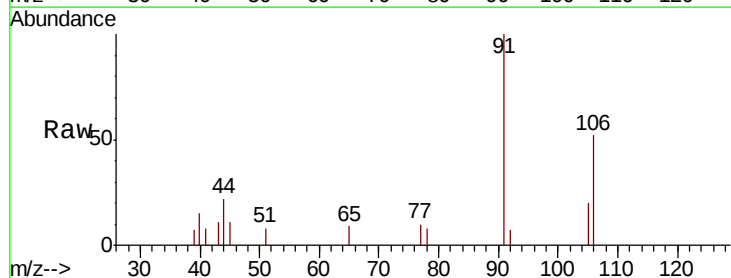


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

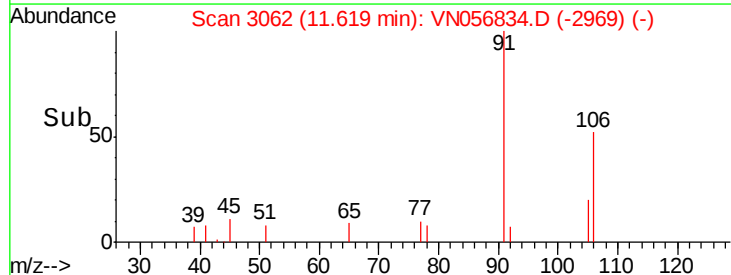
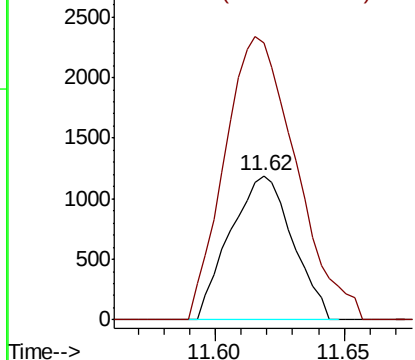


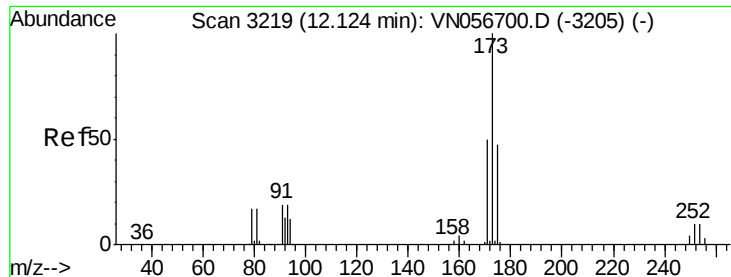
#68
m/p-Xylenes
Concen: 0.307 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056834.D
Acq: 19 Jul 2019 16:04

Tgt Ion:106 Resp: 1999
Ion Ratio Lower Upper
106 100
91 224.8 160.5 240.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#71

Bromoform

Concen: 0.578 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN056834.D

Acq: 19 Jul 2019 16:04

Instrument :

MSVOA_N

ClientSampleId :

COMP-3DL

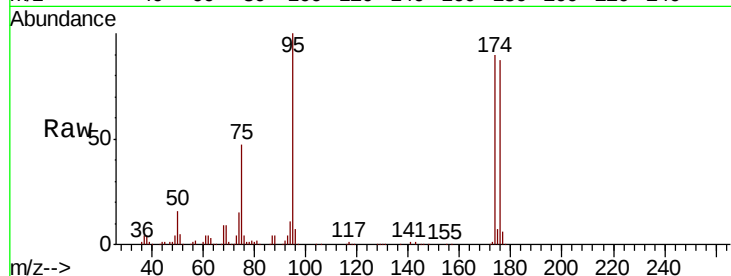
Tot Ion:173 Resp: 1606

Ion Ratio Lower Upper

173 100

175 751.9 23.8 71.4#

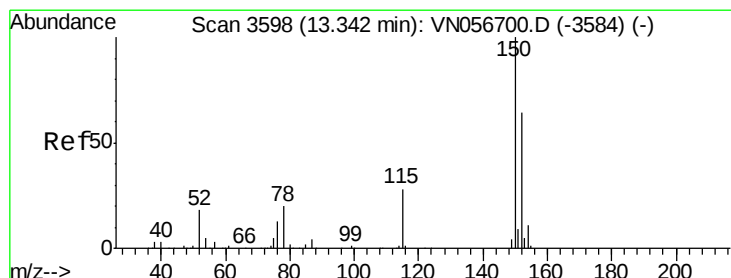
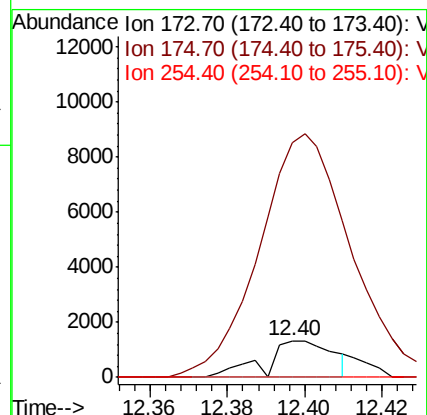
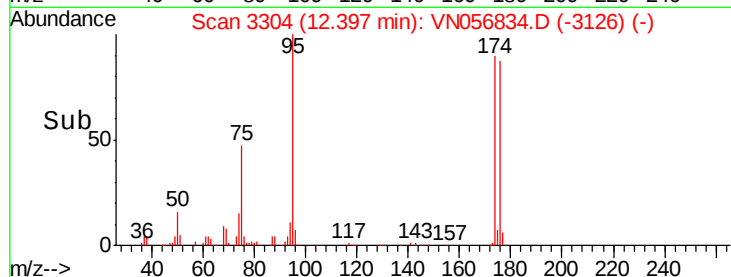
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056834.D

Acq: 19 Jul 2019 16:04

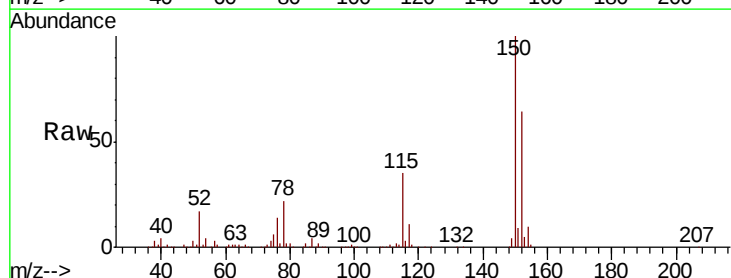
Tgt Ion:152 Resp: 187650

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

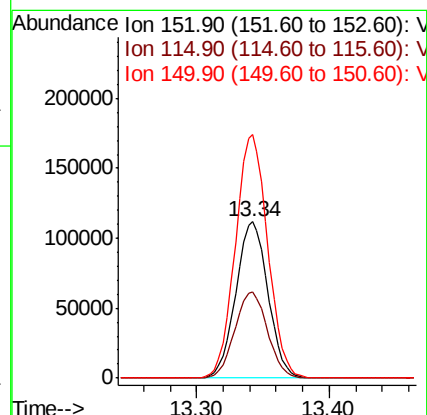
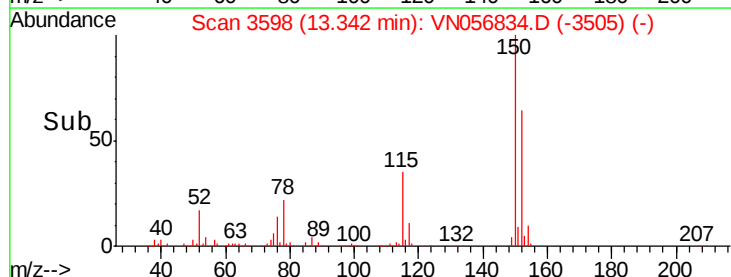
150 156.7 0.0 345.8

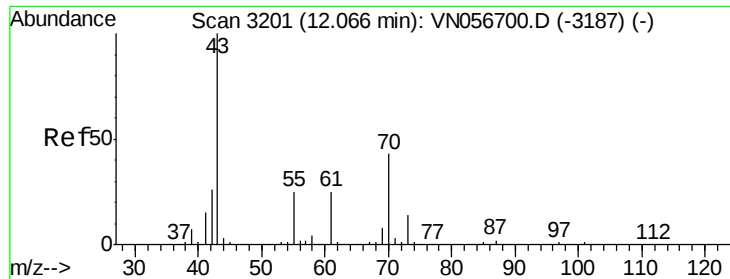


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.208 ug/l

RT: 12.02 min Scan# 3188

Delta R.T. -0.04 min

Lab File: VN056834.D

Acq: 19 Jul 2019 16:04

Instrument :

MSVOA_N

ClientSampleId :

COMP-3DL

Tot Ion: 43 Resp: 6809

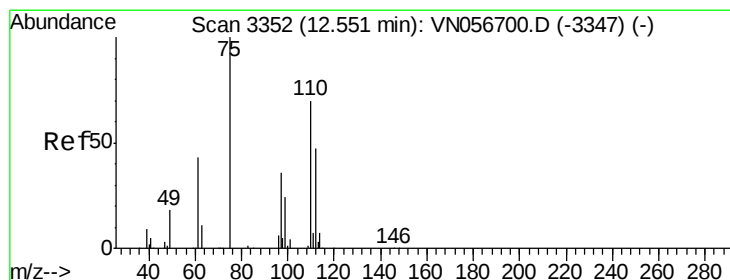
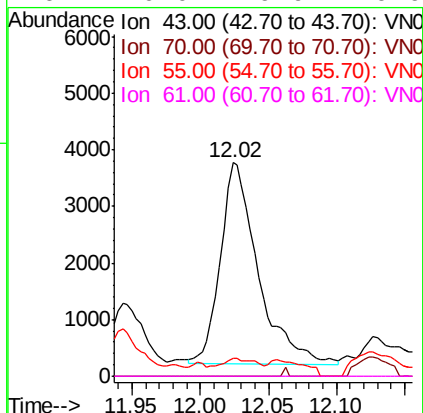
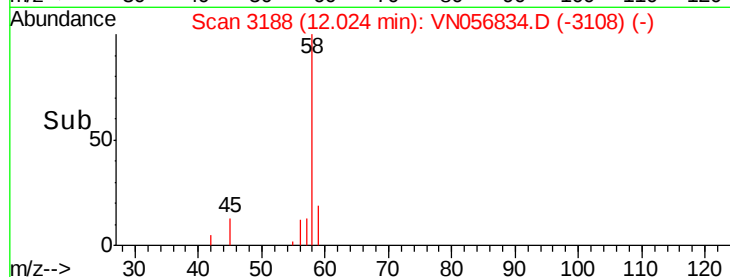
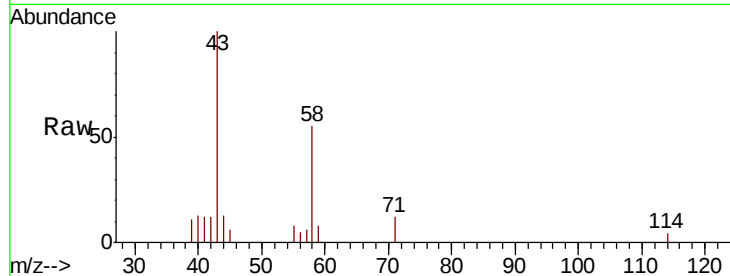
Ion Ratio Lower Upper

43 100

70 0.0 34.5 51.7#

55 0.0 20.2 30.2#

61 0.0 19.9 29.9#



#76

1,2,3-Trichloropropane

Concen: 24.425 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056834.D

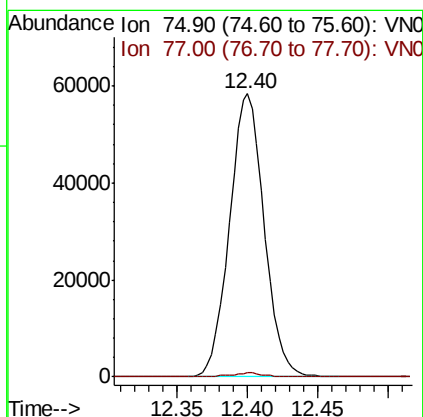
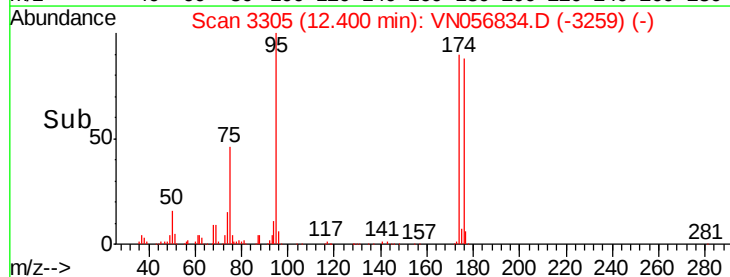
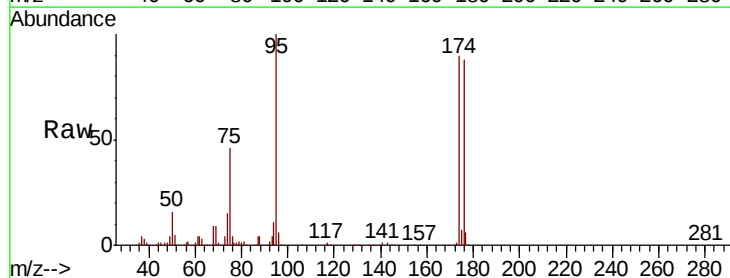
Acq: 19 Jul 2019 16:04

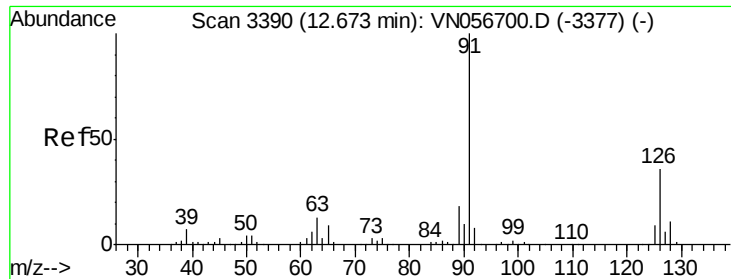
Tgt Ion: 75 Resp: 100244

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN056834.D

Acq: 19 Jul 2019 16:04

Instrument :

MSVOA_N

ClientSampleId :

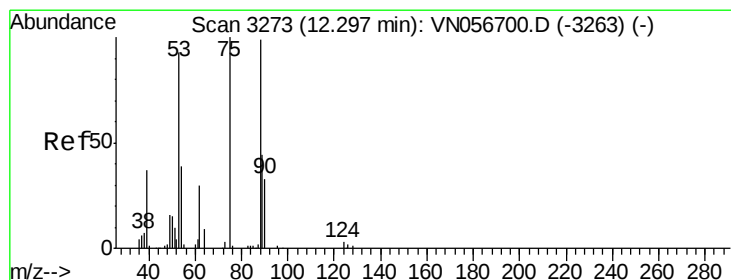
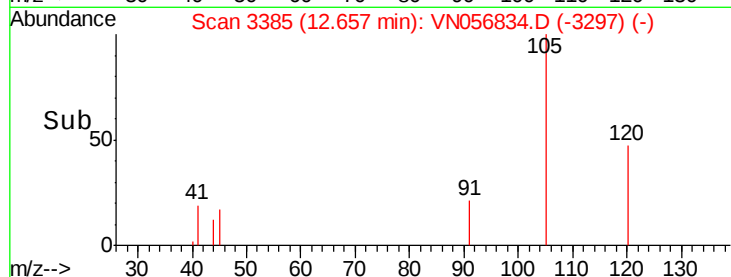
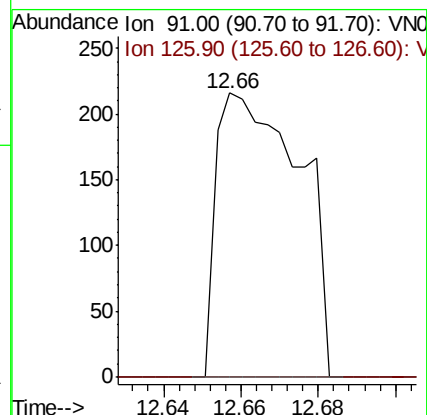
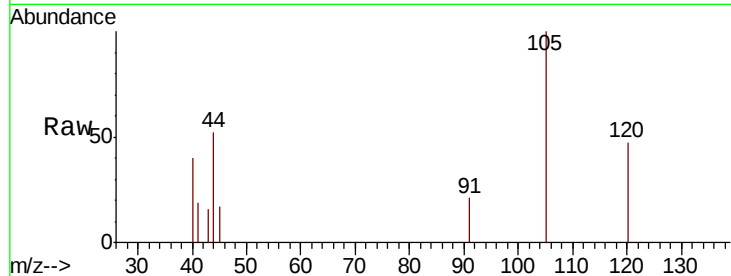
COMP-3DL

Tot Ion: 91 Resp: 323

Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.432 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056834.D

Acq: 19 Jul 2019 16:04

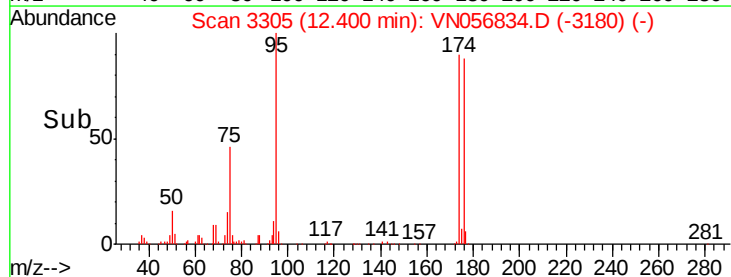
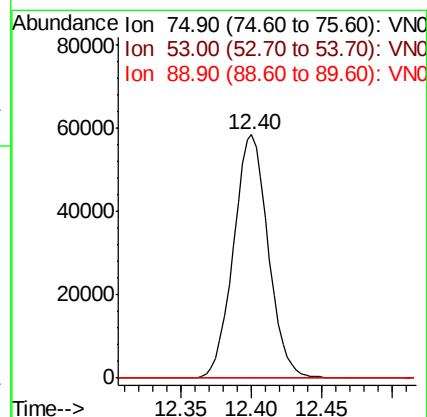
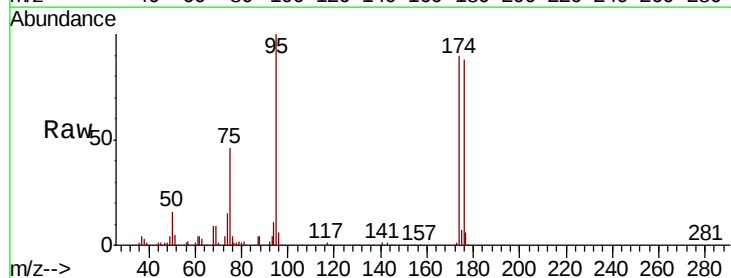
Tgt Ion: 75 Resp: 100244

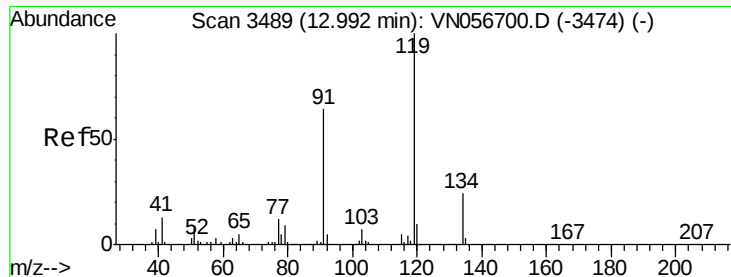
Ion Ratio Lower Upper

75 100

53 0.0 73.7 110.5#

89 0.0 36.2 54.2#





#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.03 min Scan# 3502

Delta R.T. 0.04 min

Lab File: VN056834.D

Acq: 19 Jul 2019 16:04

Instrument :

MSVOA_N

ClientSampled :

COMP-3DL

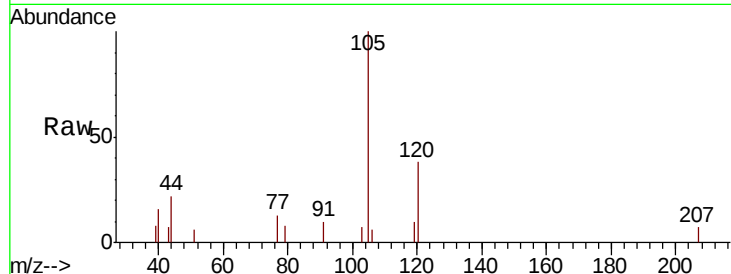
Tot Ion:119 Resp: 311

Ion Ratio Lower Upper

119 100

91 126.0 31.8 95.4#

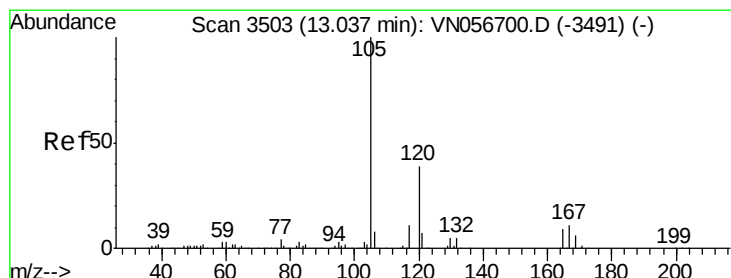
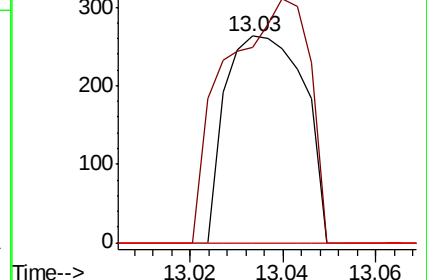
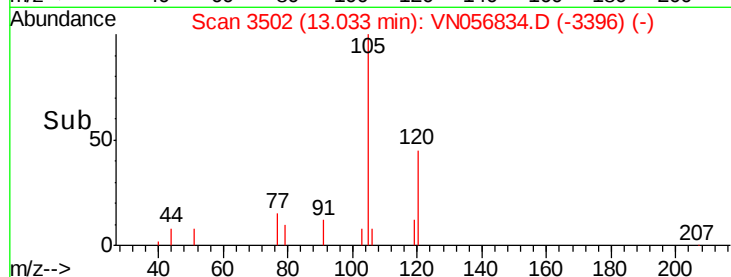
134 0.0 13.0 38.9#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.330 ug/l

RT: 13.03 min Scan# 3502

Delta R.T. -0.00 min

Lab File: VN056834.D

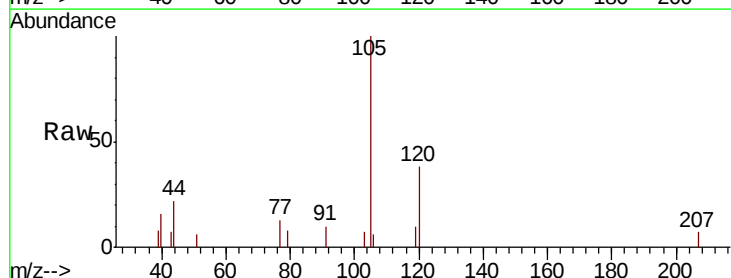
Acq: 19 Jul 2019 16:04

Tgt Ion:105 Resp: 4130

Ion Ratio Lower Upper

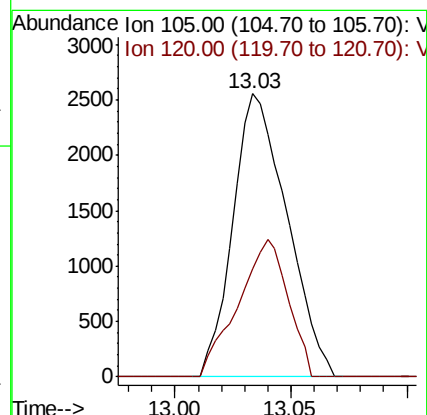
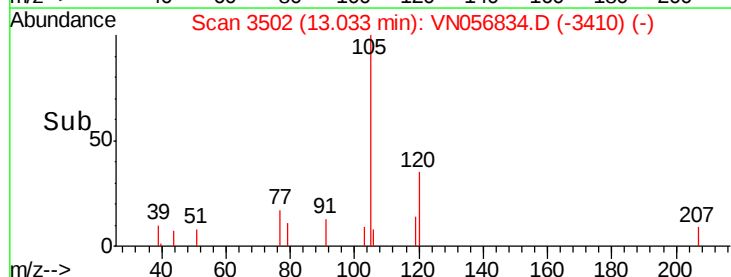
105 100

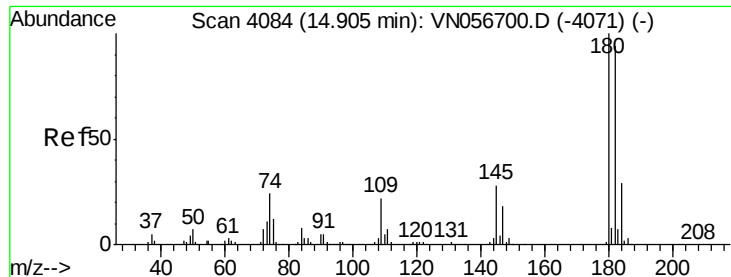
120 44.8 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

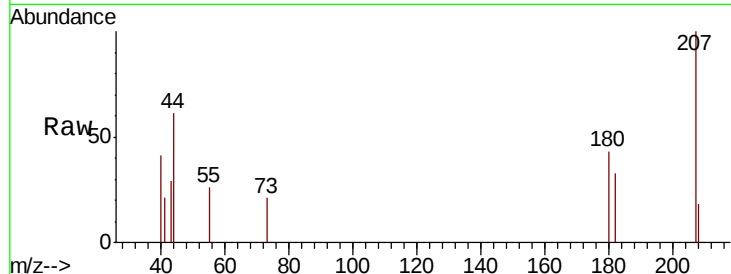




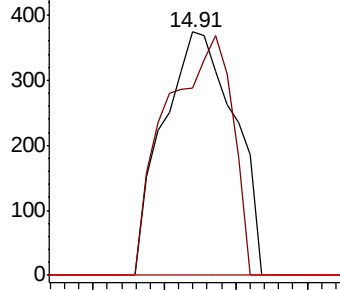
#93
 1,2,4-Trichlorobenzene
 Concen: 3.822 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056834.D
 Acq: 19 Jul 2019 16:04

Instrument :
 MSVOA_N
 ClientSampleID :
 COMP-3DL

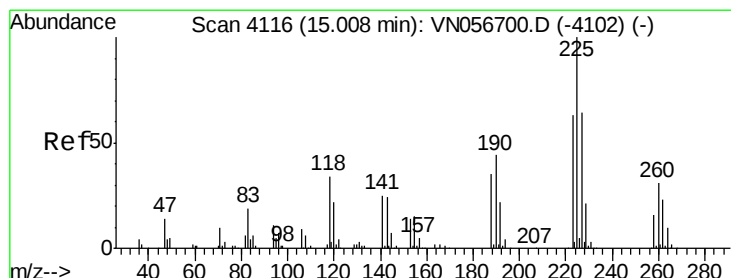
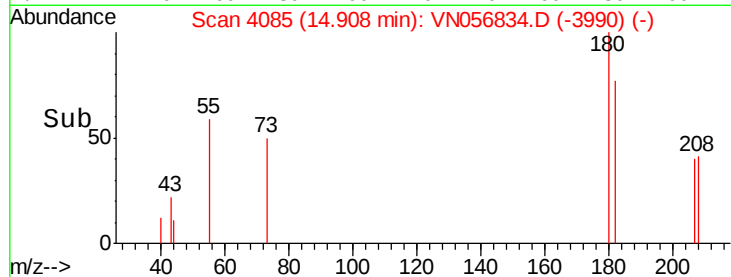
Tot Ion:180 Resp: 517
 Ion Ratio Lower Upper
 180 100
 182 91.1 47.2 141.6
 145 0.0 14.2 42.8#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

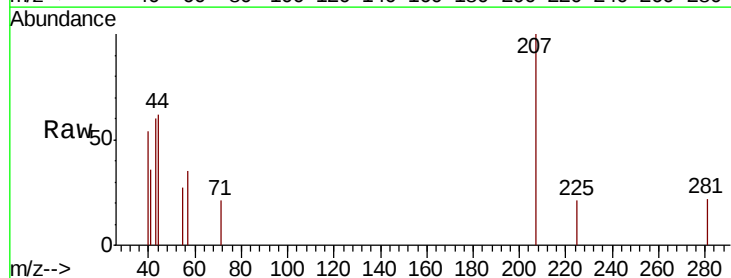


Time-->

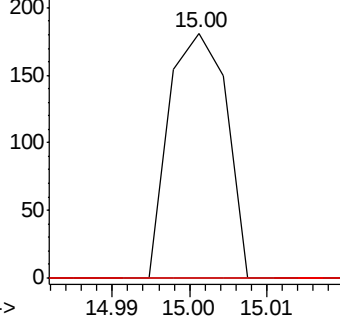


#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.00 min Scan# 4114
 Delta R.T. -0.01 min
 Lab File: VN056834.D
 Acq: 19 Jul 2019 16:04

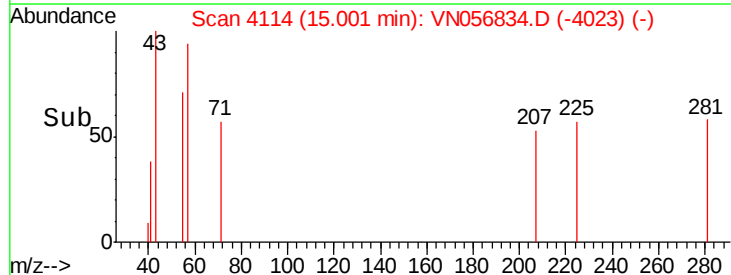
Tgt Ion:225 Resp: 94
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.5 94.5#
 227 0.0 32.0 96.2#

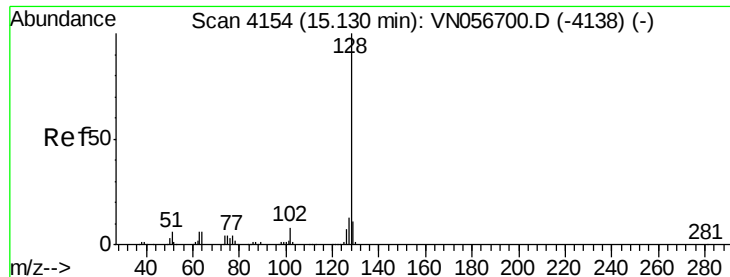


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 5.377 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056834.D

Acq: 19 Jul 2019 16:04

Instrument :

MSVOA_N

ClientSampleId :

COMP-3DL

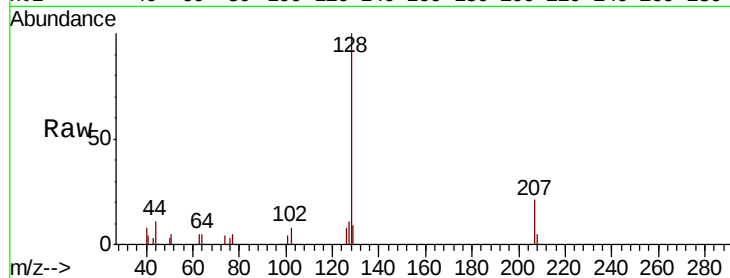
Tot Ion:128 Resp: 9412

Ion Ratio Lower Upper

128 100

127 11.9 10.3 15.5

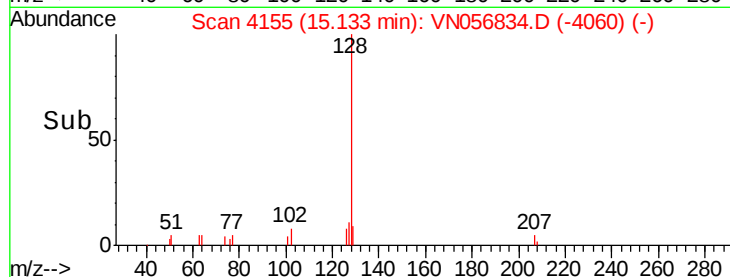
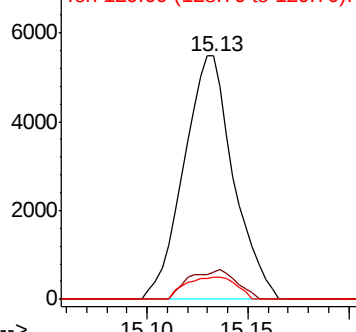
129 9.3 8.7 13.1



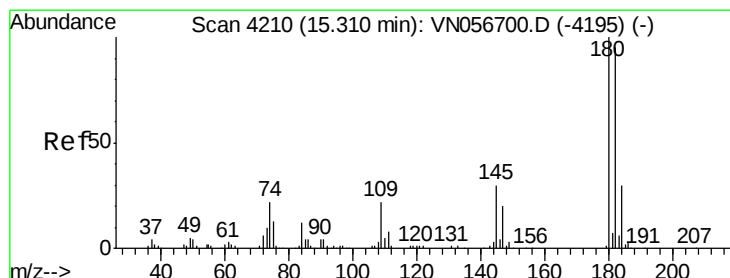
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 3.515 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056834.D

Acq: 19 Jul 2019 16:04

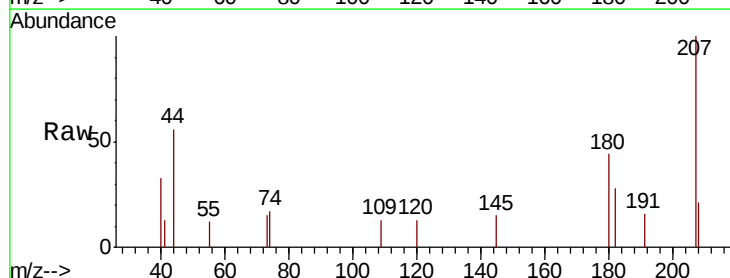
Tgt Ion:180 Resp: 749

Ion Ratio Lower Upper

180 100

182 70.0 47.1 141.3

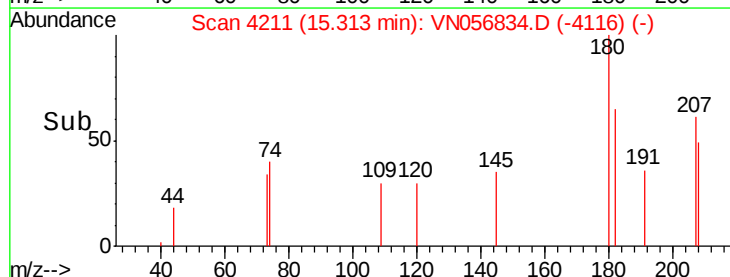
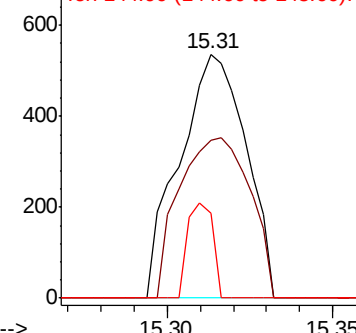
145 14.8 15.0 45.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->