

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071919\
 Data File : VN056822.D
 Acq On : 19 Jul 2019 11:25
 Operator : JC/SP
 Sample : PB121463ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121463ZHE#08

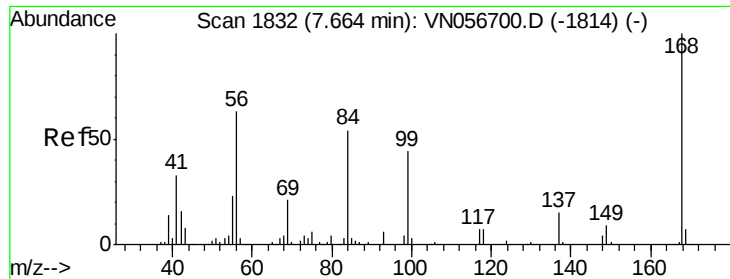
Quant Time: Jul 19 23:12:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	248598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	452479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	492121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	169373	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	151367	55.05	ug/l	0.00
Spiked Amount			Recovery	=	110.10%	
35) Dibromofluoromethane	7.59	113	134619	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	
50) Toluene-d8	10.09	98	585292	53.82	ug/l	0.00
Spiked Amount			Recovery	=	107.64%	
62) 4-Bromofluorobenzene	12.40	95	211574	57.69	ug/l	0.00
Spiked Amount			Recovery	=	115.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	12180	9.612	ug/l	93
18) Methyl Acetate	4.33	43	3541	0.276	ug/l #	76
20) Methylene Chloride	4.56	84	2274	0.821	ug/l #	81
25) 2-Butanone	6.85	43	2700	1.457	ug/l #	87
29) Tetrahydrofuran	7.23	42	522	0.432	ug/l #	35
31) Cyclohexane	7.66	56	4252	0.967	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	15952	3.810	ug/l #	49
38) Carbon Tetrachloride	7.67	117	21477	5.470	ug/l #	16
43) Isopropyl Acetate	8.17	43	18674	2.878	ug/l #	90
45) 1,2-Dichloropropane	9.27	63	1706	0.500	ug/l #	45
48) Methyl methacrylate	9.18	41	7964	2.538	ug/l #	13
49) 1,4-Dioxane	9.27	88	121	1.880	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	3881	0.924	ug/l	87
54) cis-1,3-Dichloropropene	9.90	75	50081	10.304	ug/l #	59
57) 1,3-Dichloropropane	10.76	76	11418	2.188	ug/l #	42
59) 2-Hexanone	10.76	43	145267	48.181	ug/l #	52
68) m/p-Xylenes	11.63	106	3250	0.492	ug/l	98
71) Bromoform	12.40	173	1623	0.576	ug/l #	1
74) N-amyl acetate	11.88	43	13670	2.688	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	98216	26.513	ug/l #	100
79) 2-Chlorotoluene	12.59	91	106	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	98216	81.881	ug/l #	13
83) tert-Butylbenzene	12.73	119	65	Below Cal	#	27
93) 1,2,4-Trichlorobenzene	14.90	180	298	3.775	ug/l #	86
95) Naphthalene	15.14	128	847	4.610	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.31	180	476	3.458	ug/l #	84

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056822.D

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Instrument :

MSVOA_N

ClientSampleId :

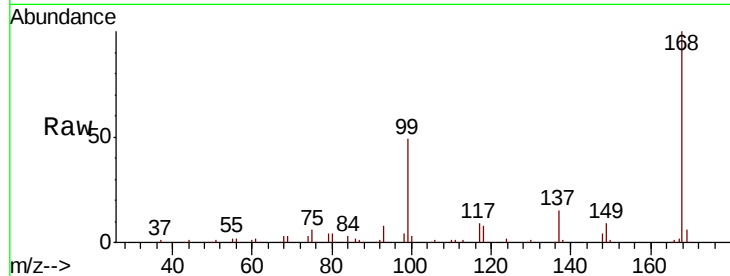
PB121463ZHE#08

Tot Ion:168 Resp: 248598

Ion Ratio Lower Upper

168 100

99 48.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056822.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056822.D (-1739) (-)

7.67

100000

80000

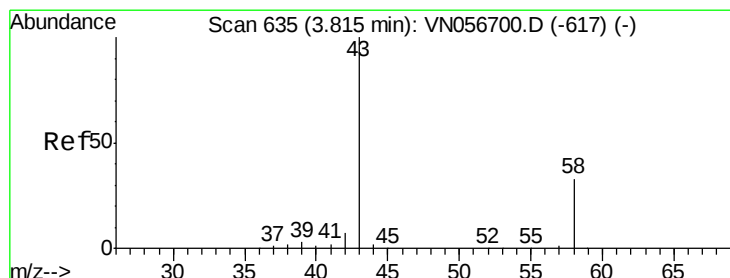
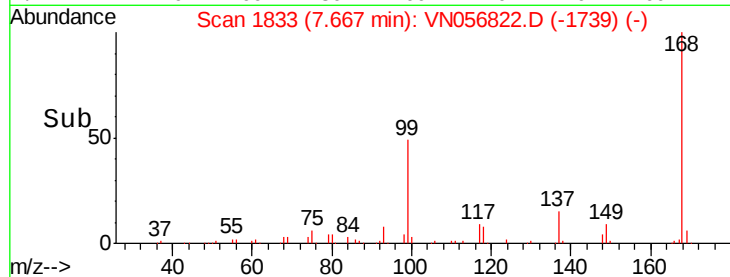
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 9.612 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056822.D

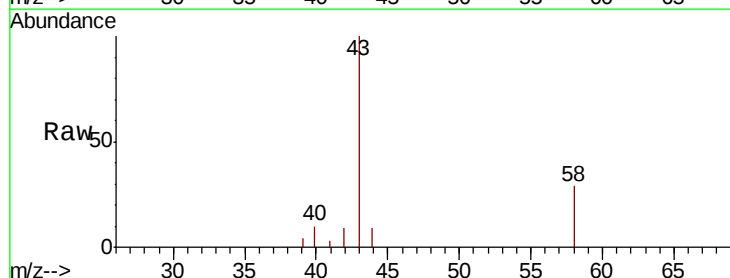
Acq: 19 Jul 2019 11:25

Tgt Ion: 43 Resp: 12180

Ion Ratio Lower Upper

43 100

58 29.4 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN056822.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN056822.D (-542) (-)

3.82

5000

4000

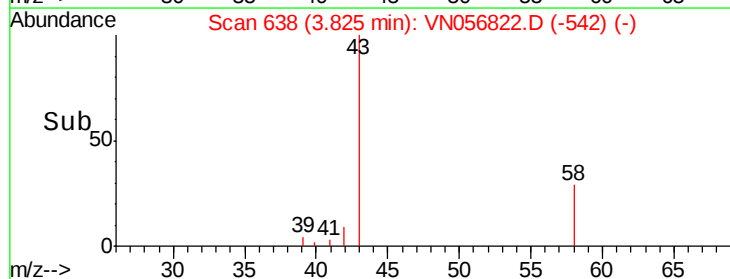
3000

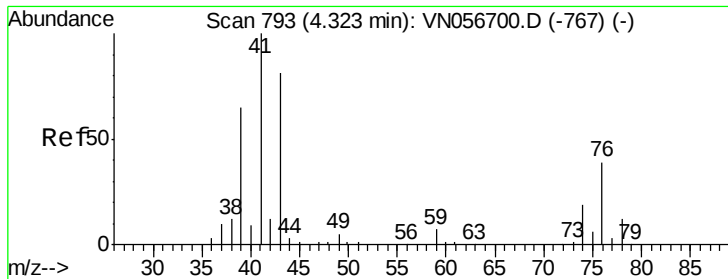
2000

1000

0

Time-->

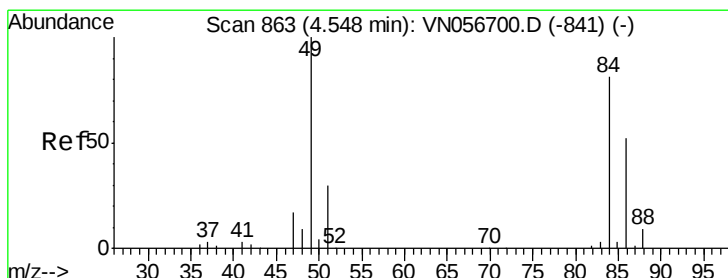
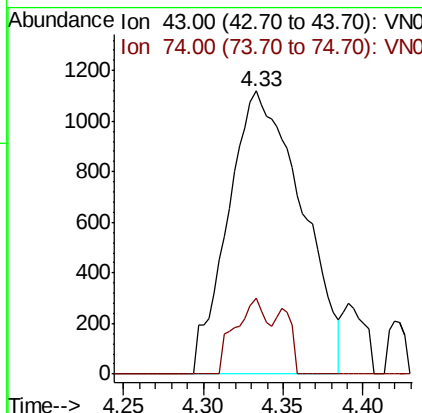
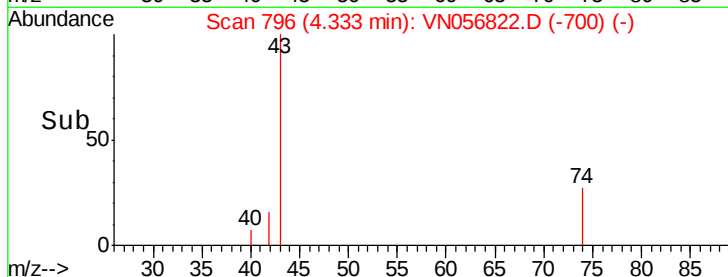
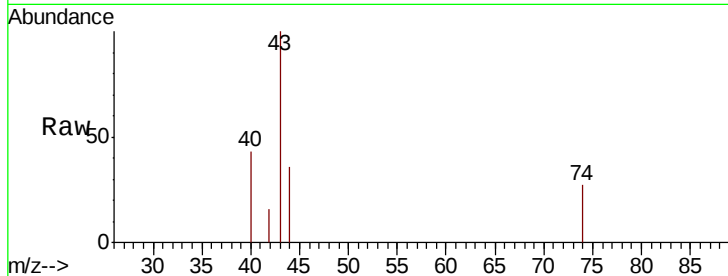




#18
Methyl Acetate
Concen: 0.276 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

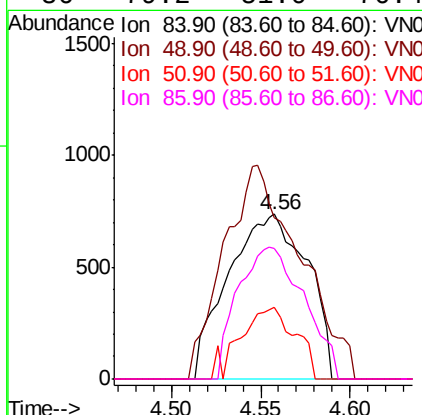
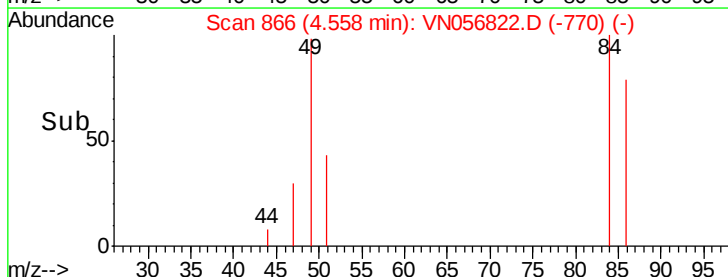
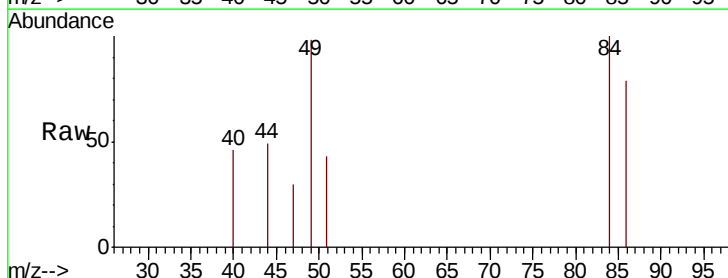
Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#08

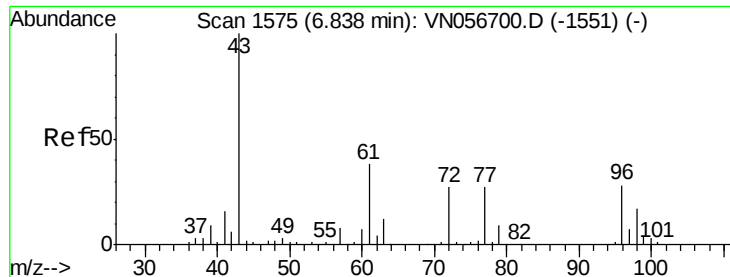
Tot Ion: 43 Resp: 3541
Ion Ratio Lower Upper
43 100
74 11.6 18.9 28.3#



#20
Methylene Chloride
Concen: 0.821 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Tgt Ion: 84 Resp: 2274
Ion Ratio Lower Upper
84 100
49 98.1 98.2 147.4#
51 43.3 29.6 44.4
86 79.2 51.0 76.4#





#25

2-Butanone

Concen: 1.457 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.02 min

Lab File: VN056822.D

Acq: 19 Jul 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

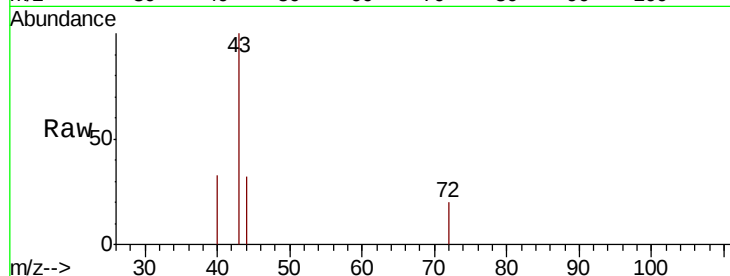
PB121463ZHE#08

Tot Ion: 43 Resp: 2700

Ion Ratio Lower Upper

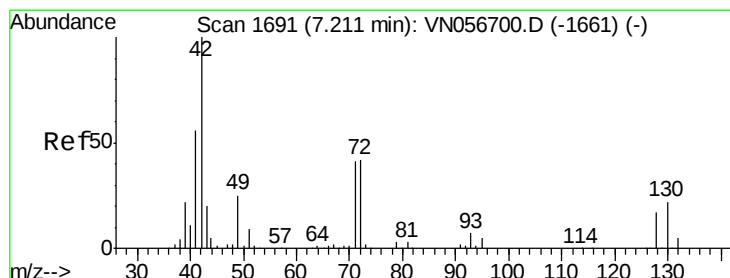
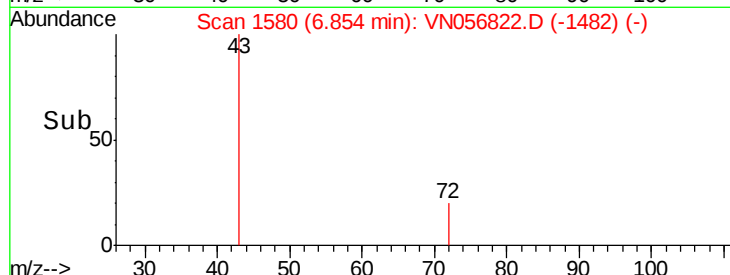
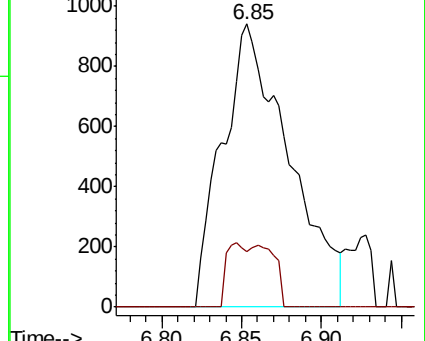
43 100

72 19.8 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 0.432 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.02 min

Lab File: VN056822.D

Acq: 19 Jul 2019 11:25

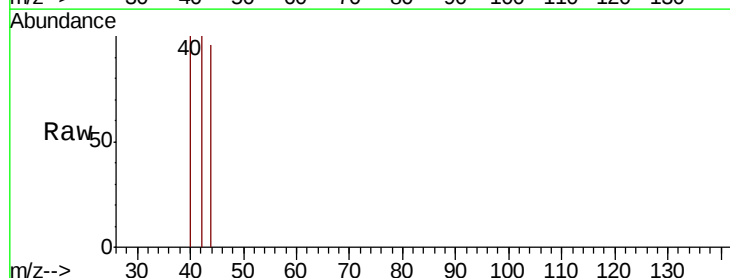
Tgt Ion: 42 Resp: 522

Ion Ratio Lower Upper

42 100

72 0.0 33.5 50.3#

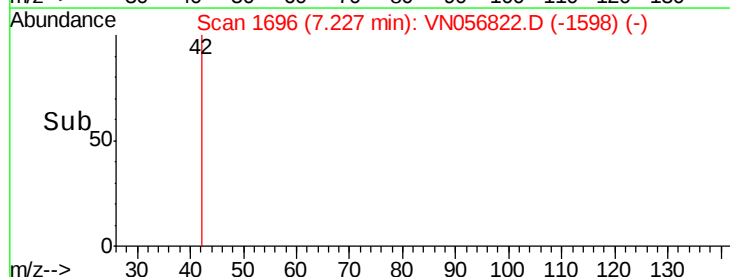
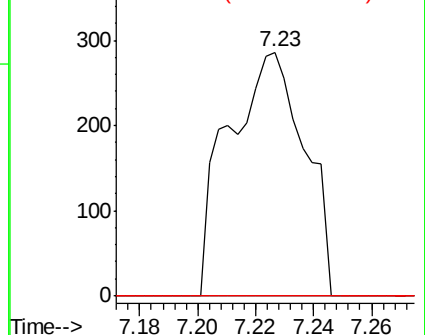
71 0.0 31.8 47.8#

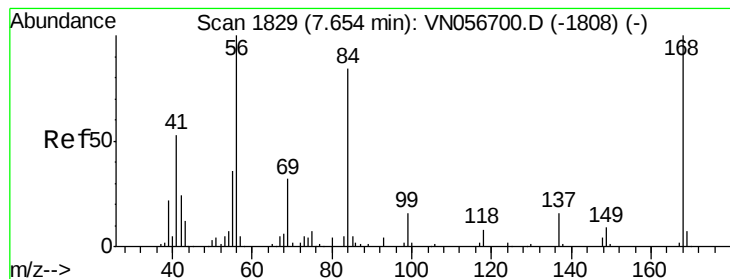


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#31

Cyclohexane

Concen: 0.967 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN056822.D

Acq: 19 Jul 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

PB121463ZHE#08

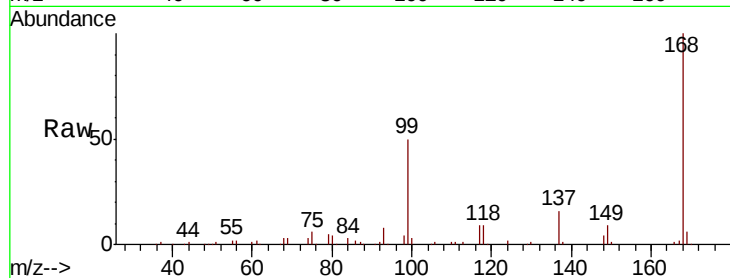
Tot Ion: 56 Resp: 4252

Ion Ratio Lower Upper

56 100

69 173.9 25.8 38.8#

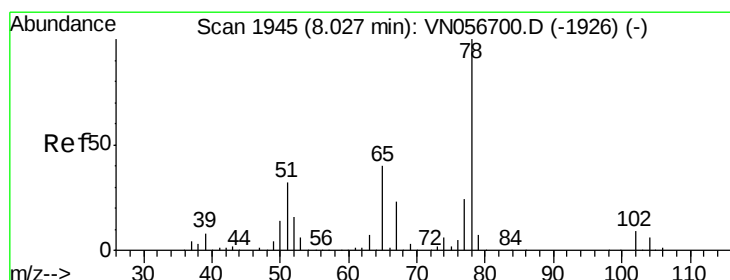
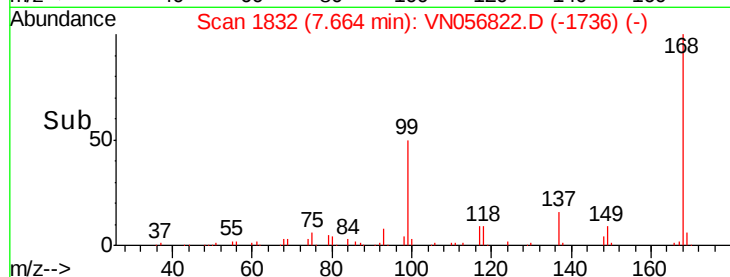
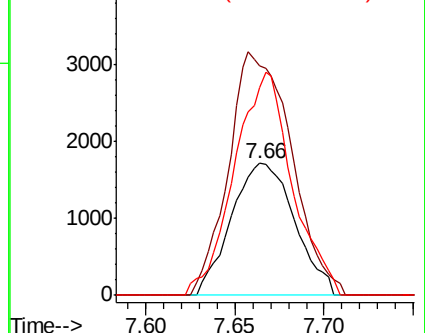
84 157.2 67.4 101.0#



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: 55.046 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056822.D

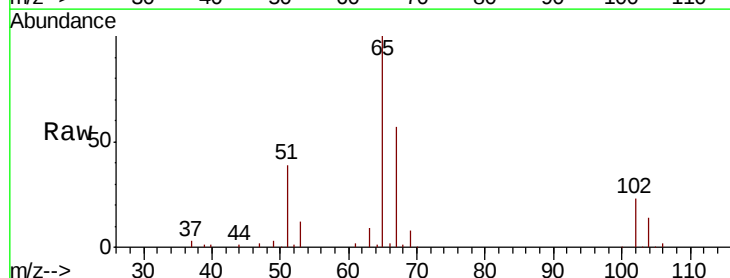
Acq: 19 Jul 2019 11:25

Tgt Ion: 65 Resp: 151367

Ion Ratio Lower Upper

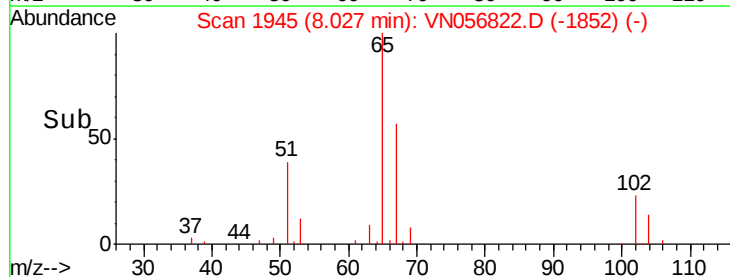
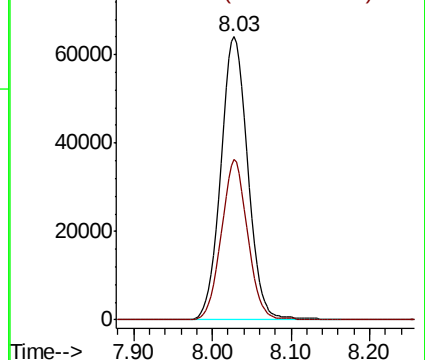
65 100

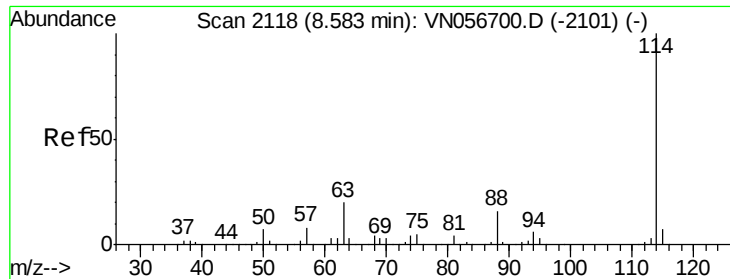
67 54.9 0.0 109.0



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: VN056822.D

Acq: 19 Jul 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

PB121463ZHE#08

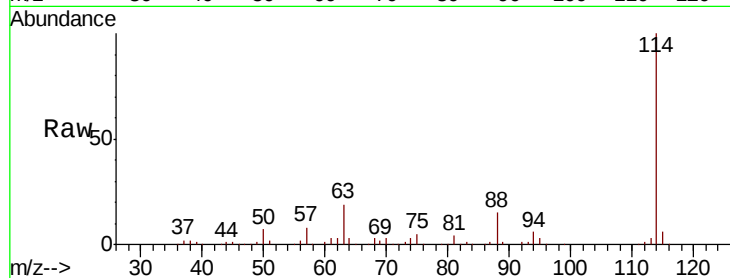
Tot Ion:114 Resp: 452479

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.4

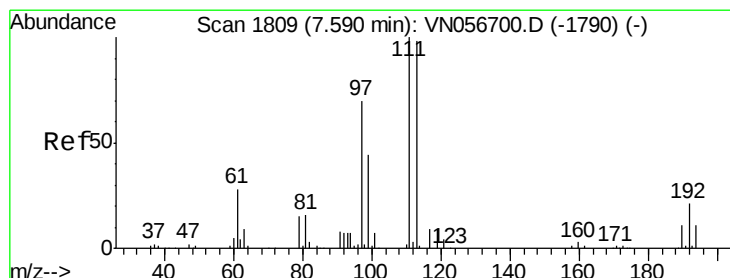
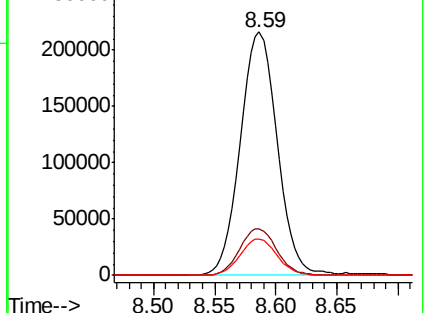
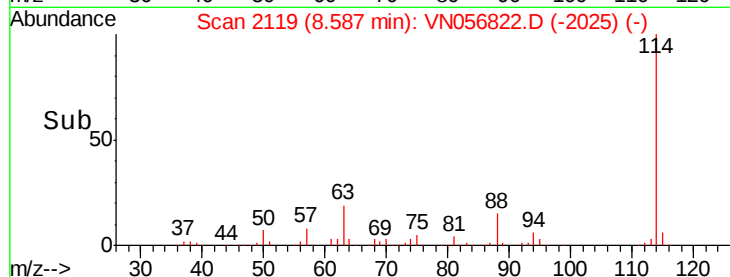
88 15.0 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.807 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN056822.D

Acq: 19 Jul 2019 11:25

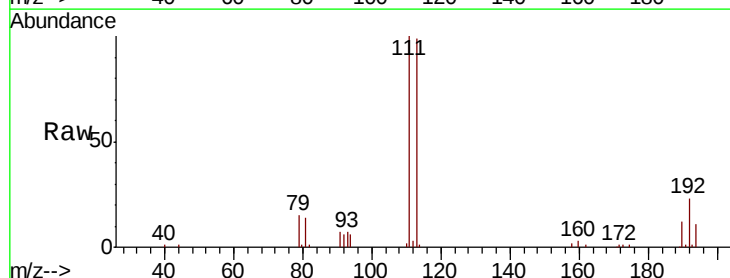
Tgt Ion:113 Resp: 134619

Ion Ratio Lower Upper

113 100

111 103.6 81.8 122.6

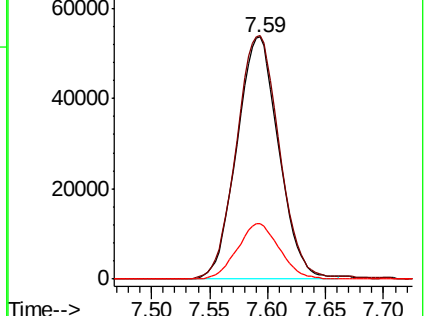
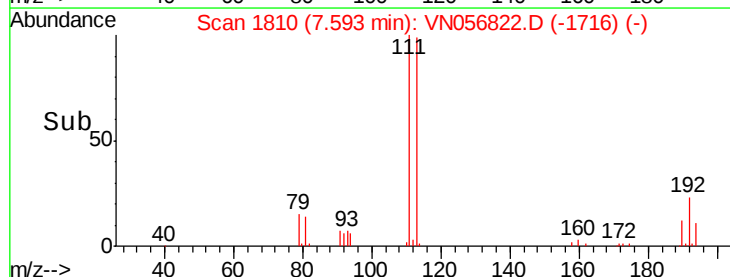
192 22.9 17.5 26.3

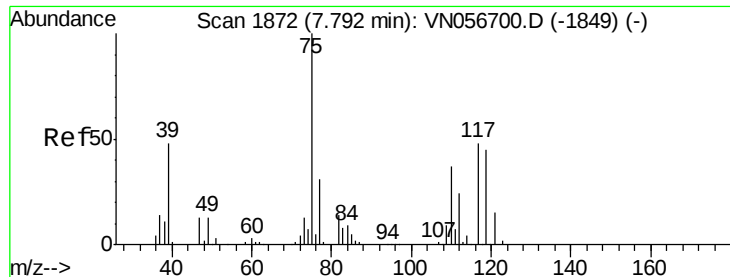


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

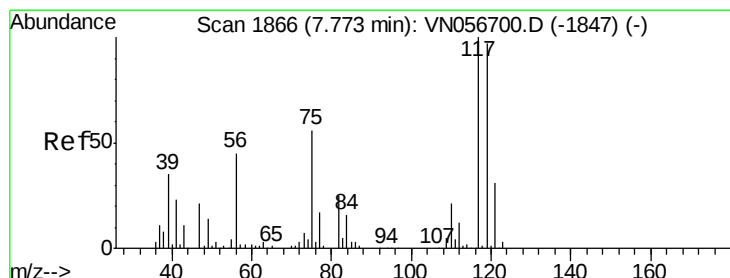
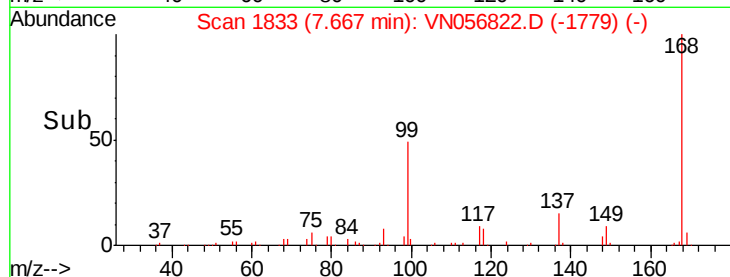
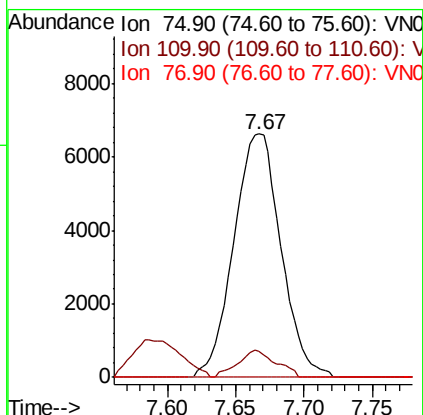
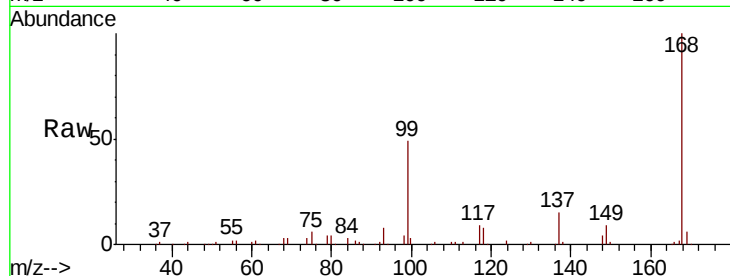




#36
 1,1-Dichloropropene
 Concen: 3.810 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN056822.D
 Acq: 19 Jul 2019 11:25

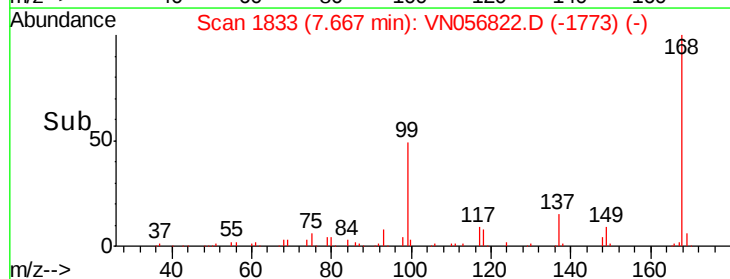
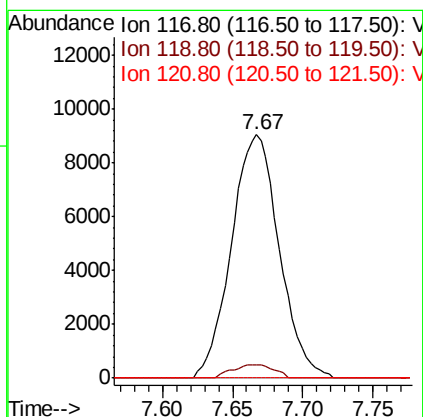
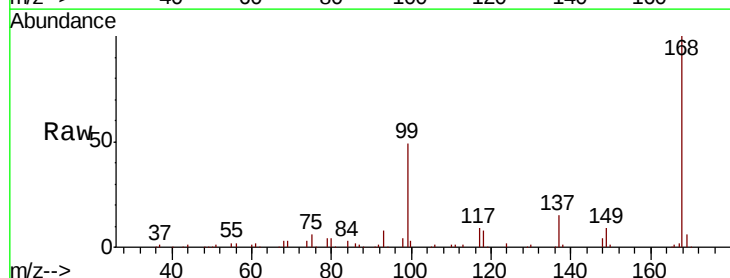
Instrument :
 MSVOA_N
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 PB121463ZHE#08

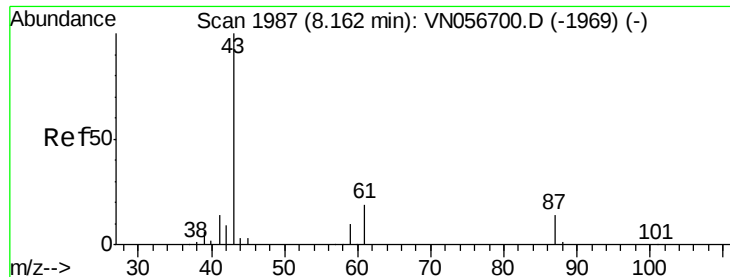
Tot Ion	75	Resp	15952
Ion Ratio	Lower	Upper	
75	100		
110	8.9	18.4	55.4#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.470 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN056822.D
 Acq: 19 Jul 2019 11:25

Tgt Ion	117	Resp	21477
Ion Ratio	Lower	Upper	
117	100		
119	5.3	77.5	116.3#
121	0.0	24.7	37.1#





#43

Isopropyl Acetate

Concen: 2.878 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056822.D

Acq: 19 Jul 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

PB121463ZHE#08

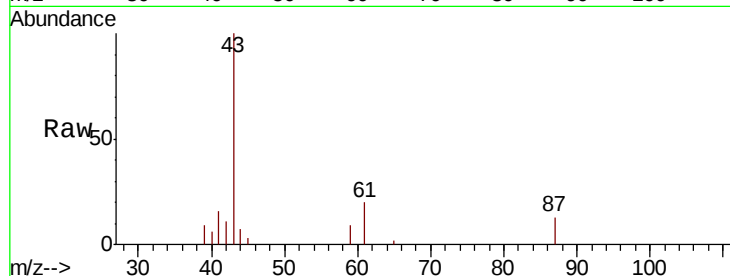
Tot Ion: 43 Resp: 18674

Ion Ratio Lower Upper

43 100

61 20.8 22.3 33.5#

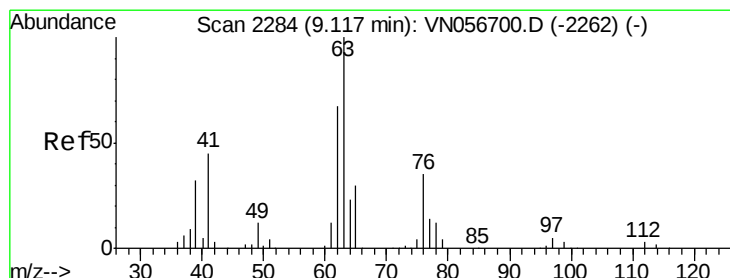
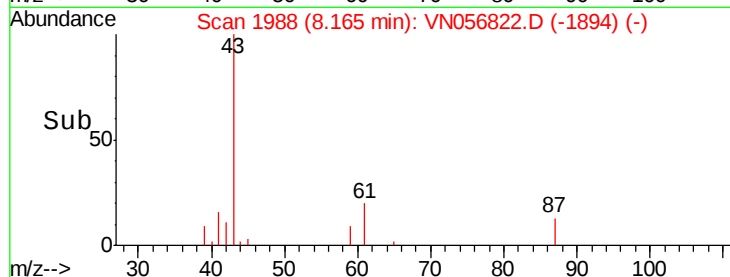
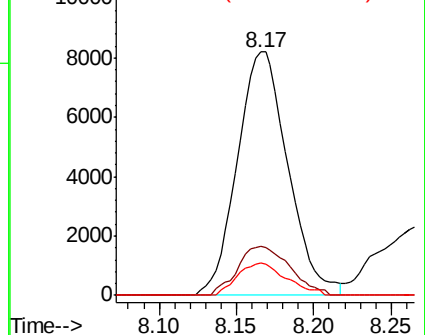
87 12.7 11.1 16.7



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



#45

1,2-Dichloropropane

Concen: 0.500 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN056822.D

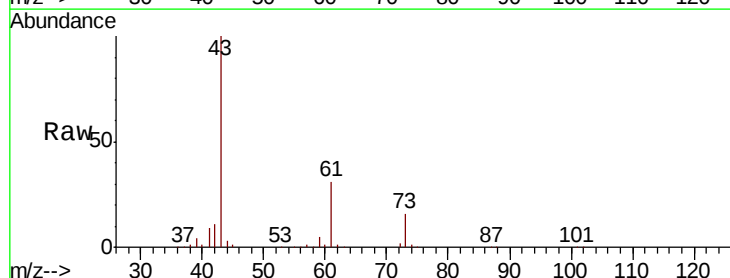
Acq: 19 Jul 2019 11:25

Tgt Ion: 63 Resp: 1706

Ion Ratio Lower Upper

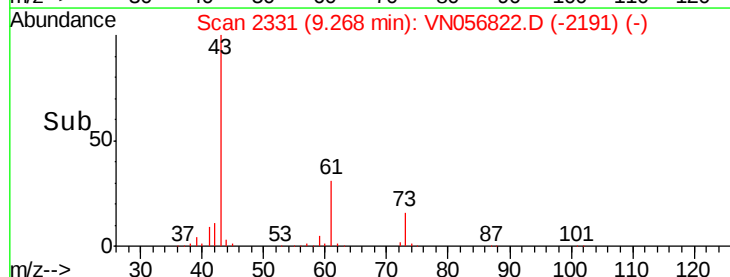
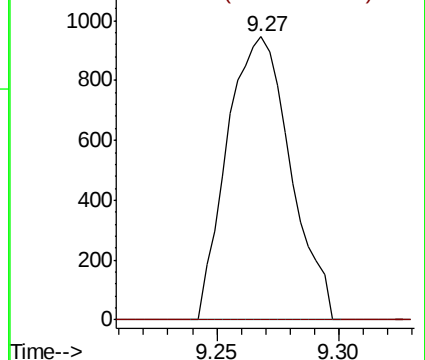
63 100

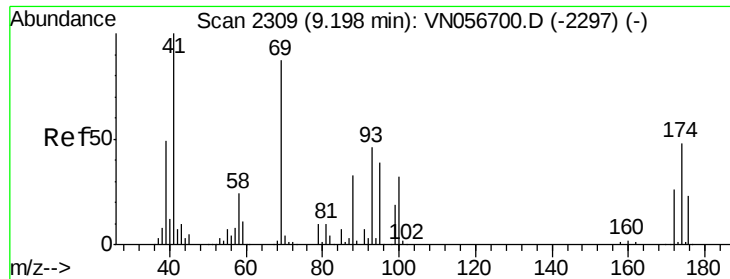
65 0.0 24.0 36.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

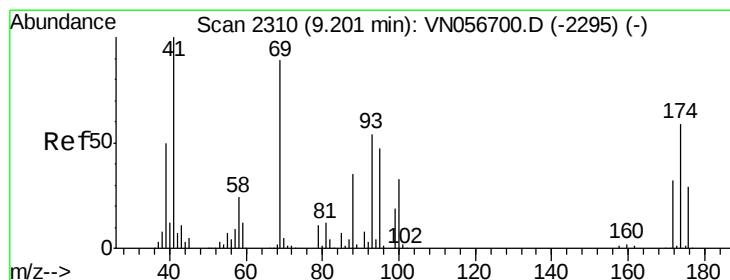
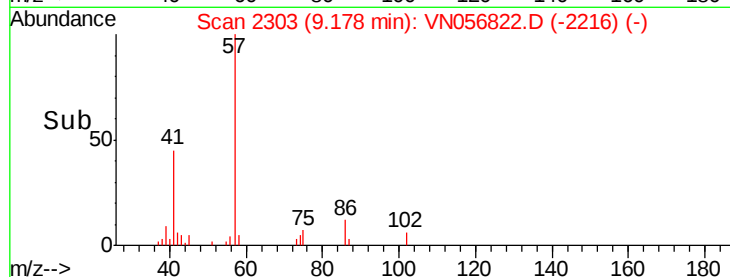
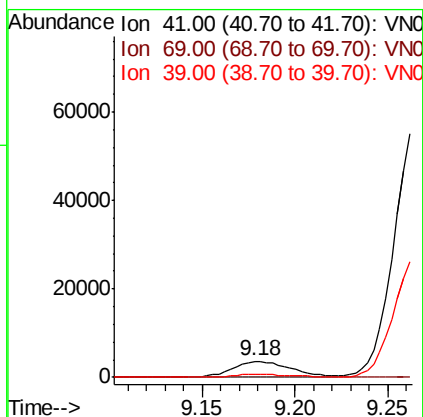
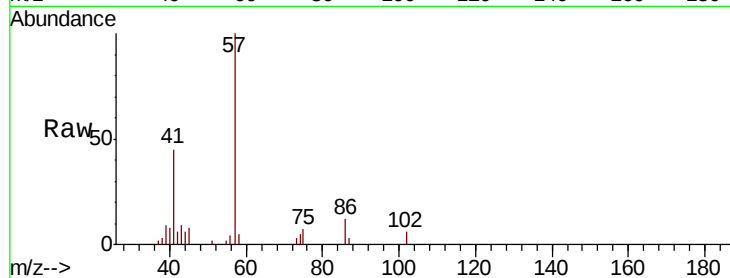




#48
Methyl methacrylate
Concen: 2.538 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

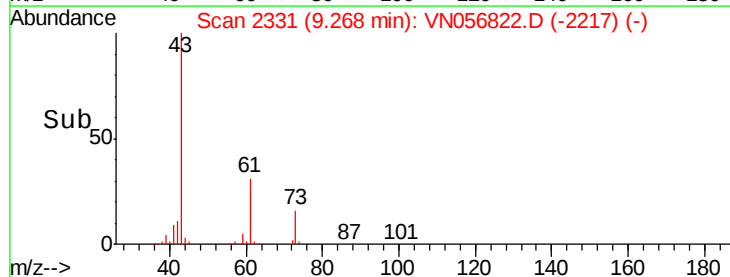
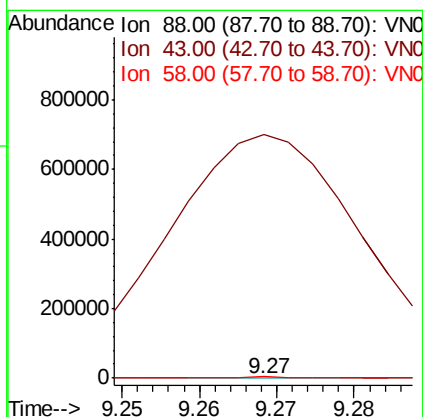
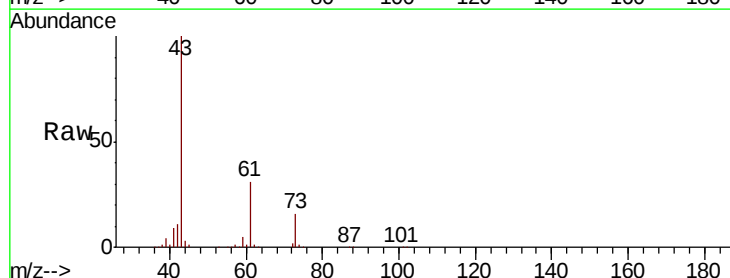
Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#08

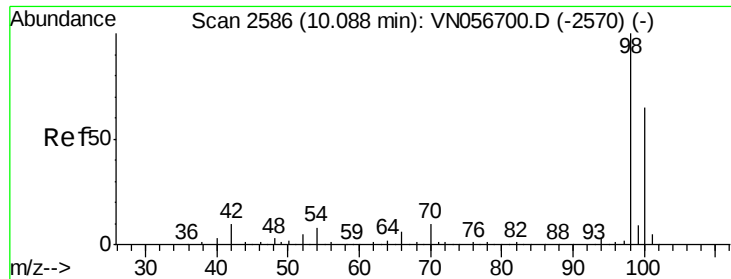
Tot Ion: 41 Resp: 7964
Ion Ratio Lower Upper
41 100
69 0.0 71.4 107.0#
39 0.0 41.2 61.8#



#49
1,4-Dioxane
Concen: 1.880 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Tgt Ion: 88 Resp: 121
Ion Ratio Lower Upper
88 100
43 1094625.6 23.7 35.5#
58 4732.2 55.6 83.4#





#50

Toluene-d8

Concen: 53.817 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056822.D

Acq: 19 Jul 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

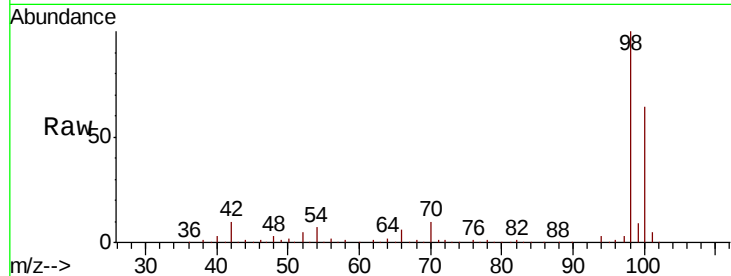
PB121463ZHE#08

Tot Ion: 98 Resp: 585292

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056700.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056700.D (-2570) (-)

10.09

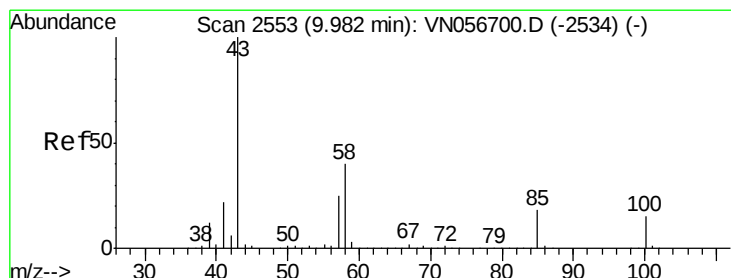
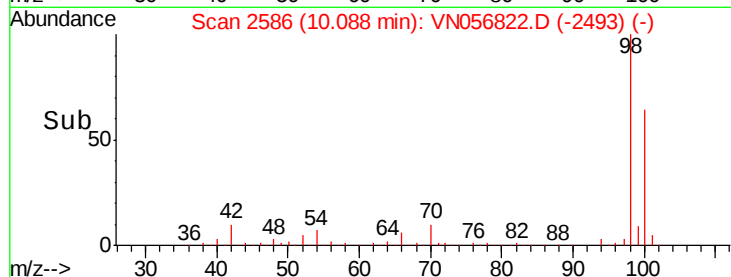
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.924 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN056822.D

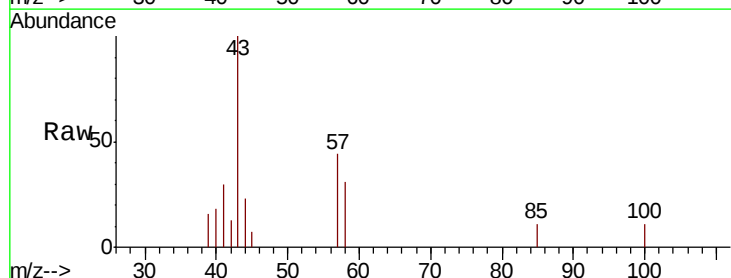
Acq: 19 Jul 2019 11:25

Tgt Ion: 43 Resp: 3881

Ion Ratio Lower Upper

43 100

58 32.1 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VN056700.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN056700.D (-2534) (-)

5000

4000

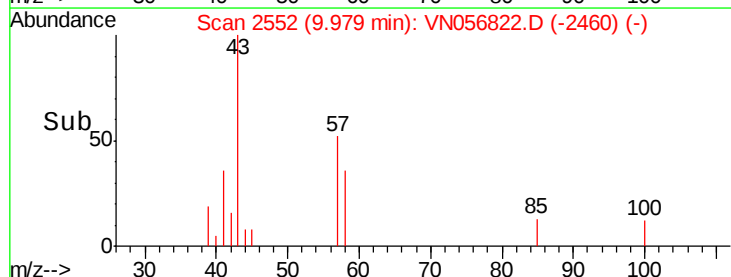
3000

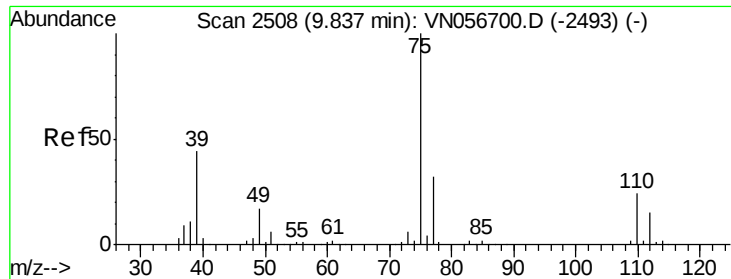
2000

1000

0

Time-->

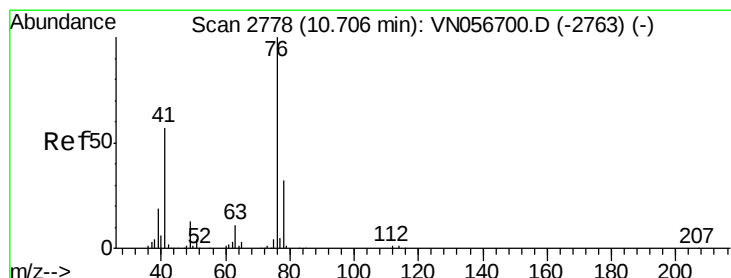
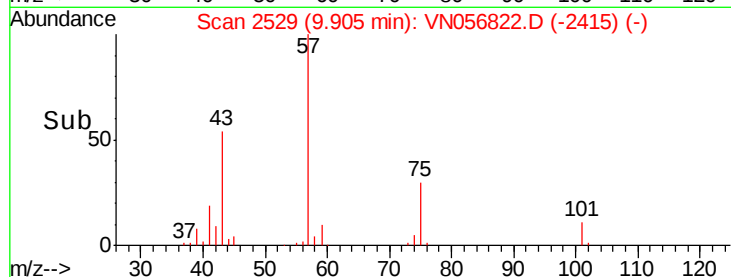
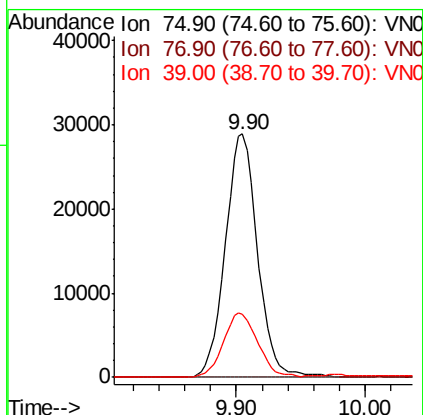
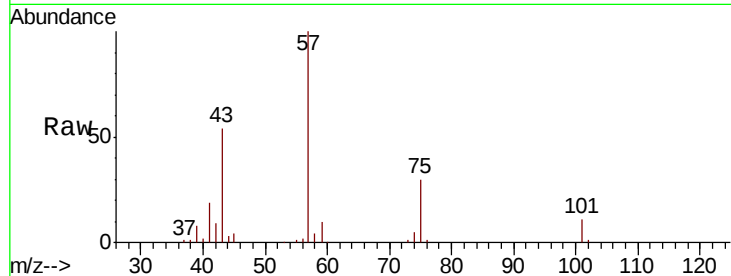




#54
 cis-1,3-Dichloropropene
 Concen: 10.304 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN056822.D
 Acq: 19 Jul 2019 11:25

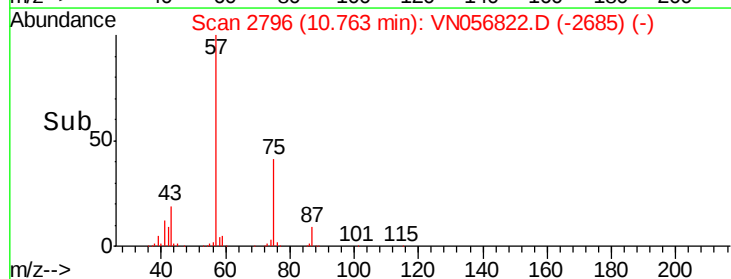
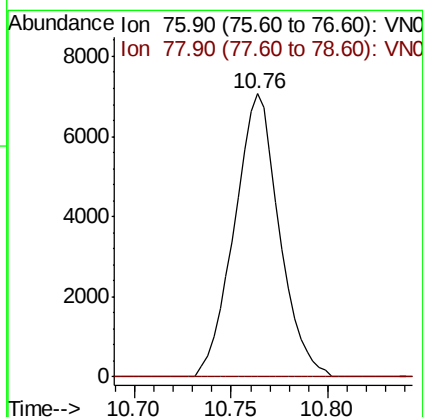
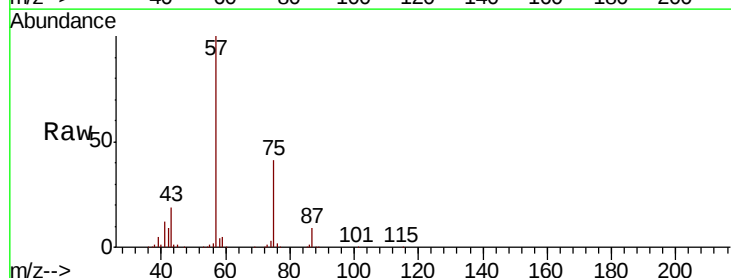
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121463ZHE#08

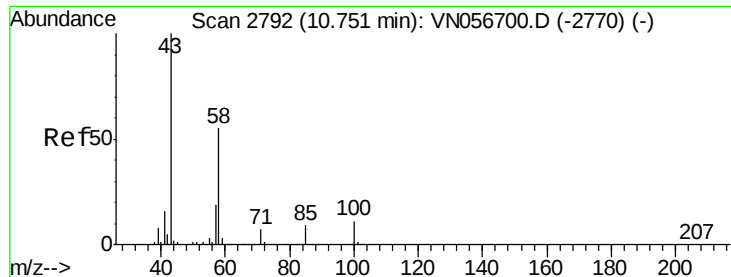
Tot Ion: 75 Resp: 50081
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#
 39 25.7 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 2.188 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056822.D
 Acq: 19 Jul 2019 11:25

Tgt Ion: 76 Resp: 11418
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#

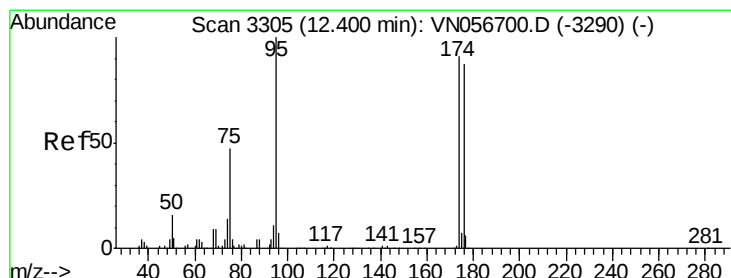
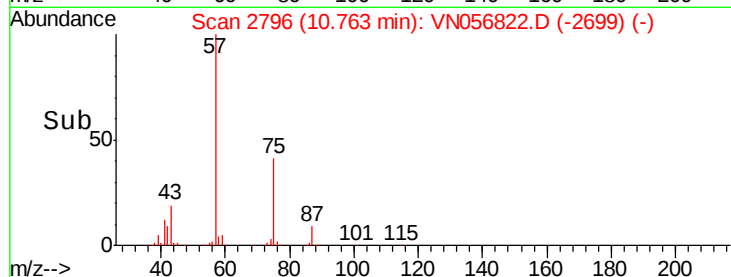
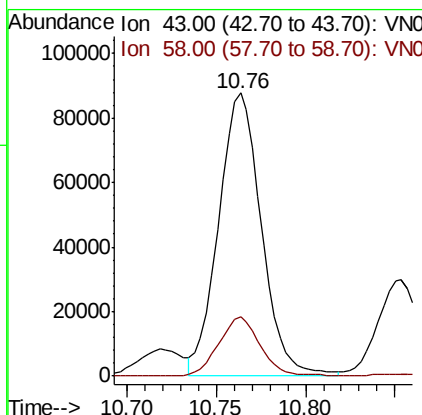
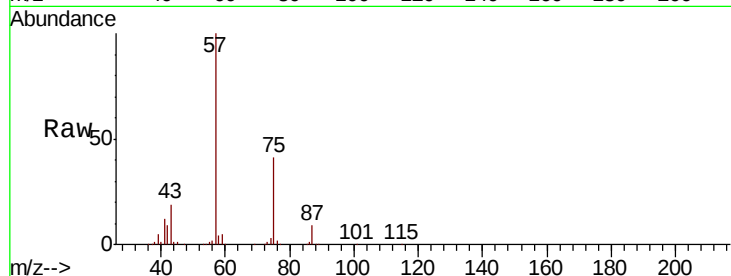




#59
2-Hexanone
Concen: 48.181 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

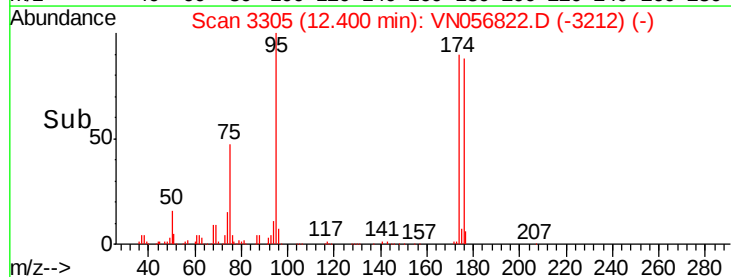
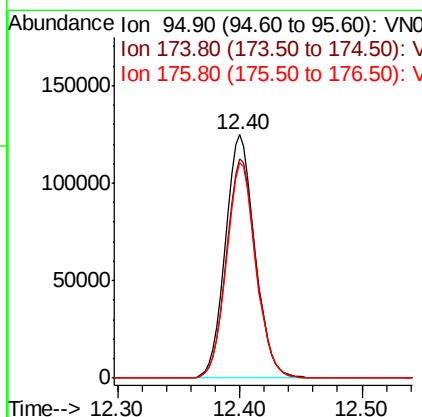
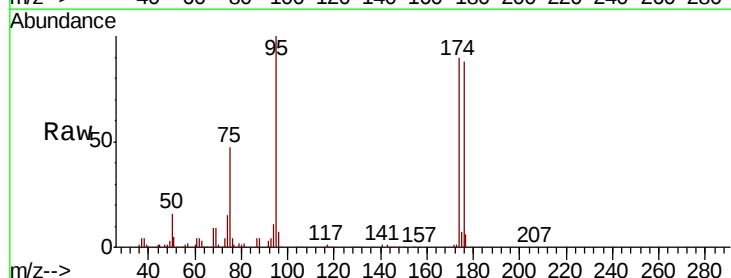
Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#08

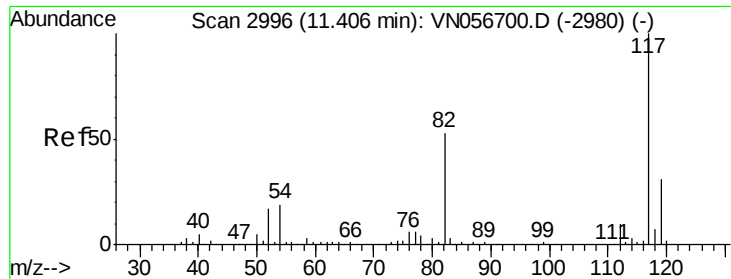
Tot Ion: 43 Resp: 145267
Ion Ratio Lower Upper
43 100
58 20.5 27.9 83.6#



#62
4-Bromofluorobenzene
Concen: 57.687 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Tgt Ion: 95 Resp: 211574
Ion Ratio Lower Upper
95 100
174 90.5 0.0 180.0
176 87.8 0.0 173.2

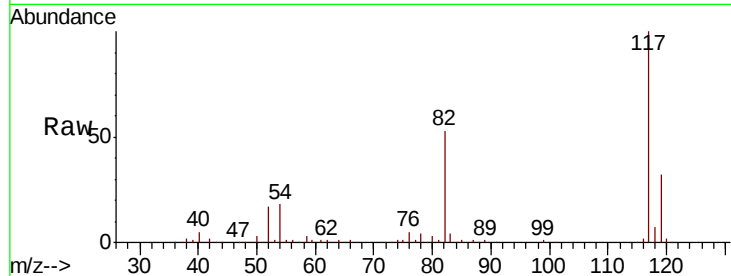




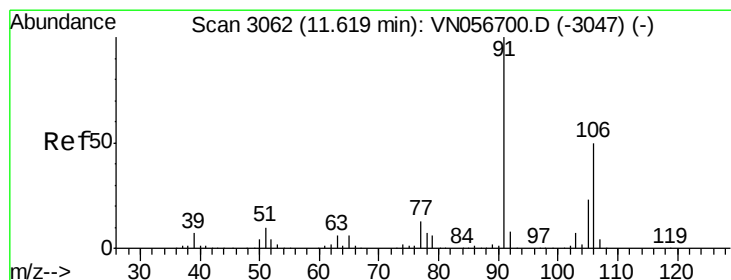
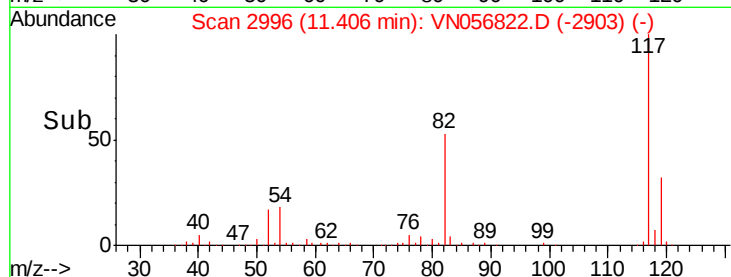
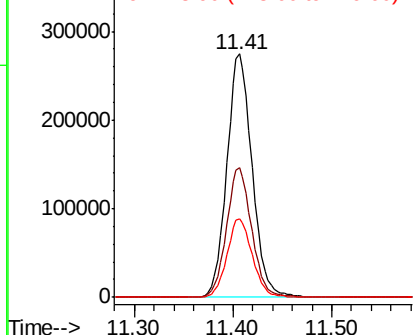
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#08

Tot Ion:117 Resp: 492121
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.2
119 32.3 25.2 37.8

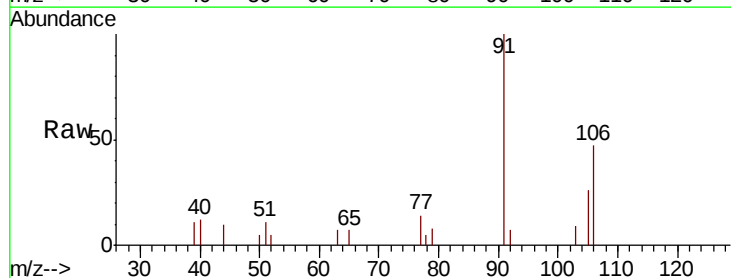


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

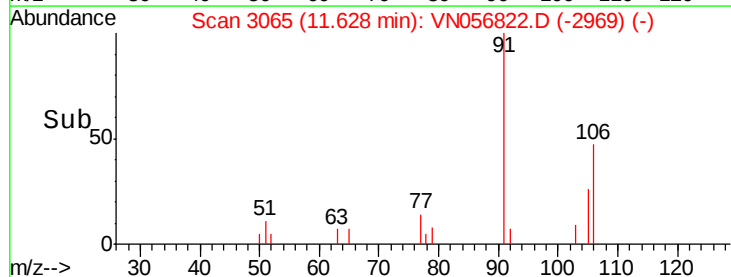
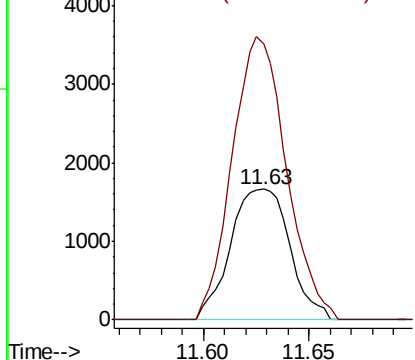


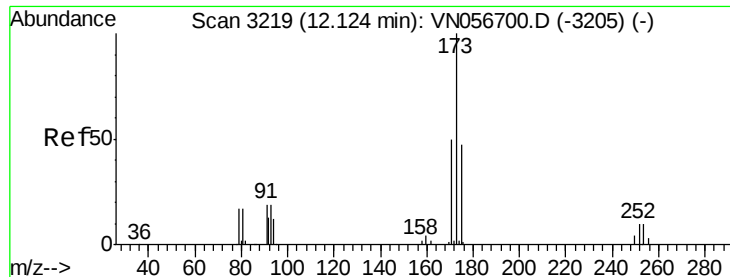
#68
m/p-Xylenes
Concen: 0.492 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Tgt Ion:106 Resp: 3250
Ion Ratio Lower Upper
106 100
91 198.3 160.5 240.7



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





#71

Bromoform

Concen: 0.576 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN056822.D

Acq: 19 Jul 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

PB121463ZHE#08

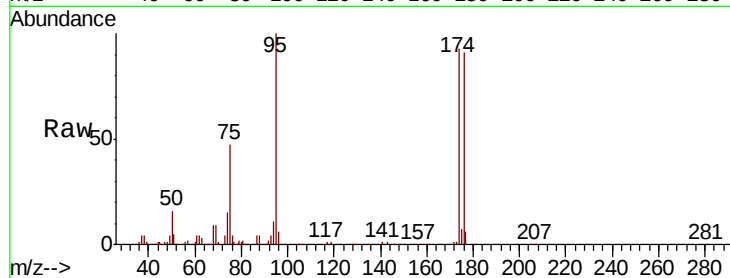
Tot Ion:173 Resp: 1623

Ion Ratio Lower Upper

173 100

175 707.0 23.8 71.4#

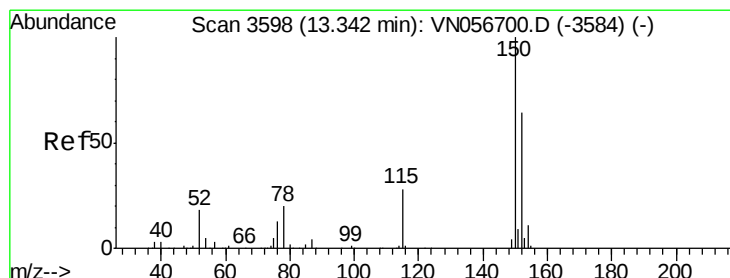
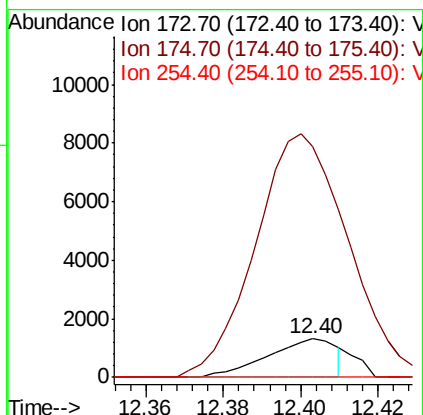
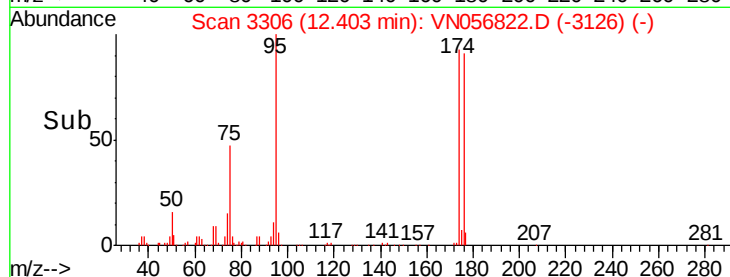
254 0.0 0.0 0.0



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: VN056822.D

Acq: 19 Jul 2019 11:25

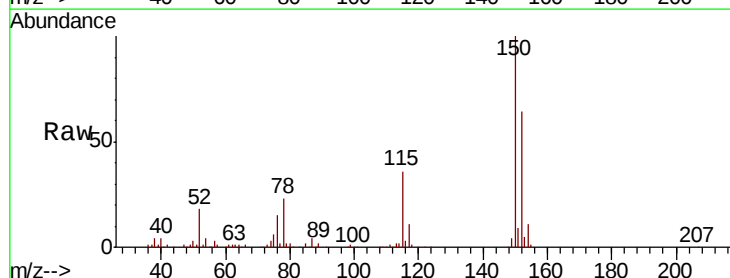
Tgt Ion:152 Resp: 169373

Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

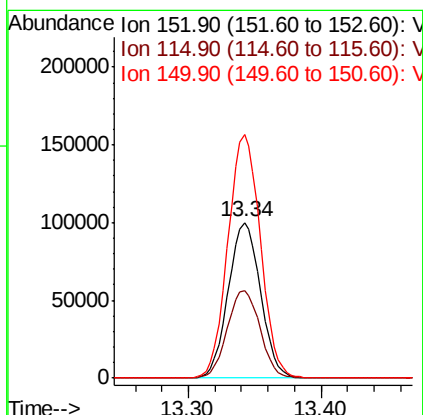
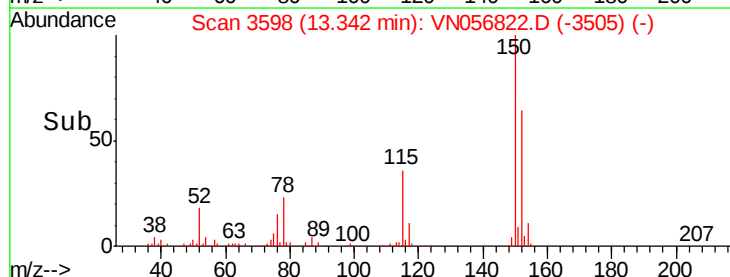
150 157.5 0.0 345.8

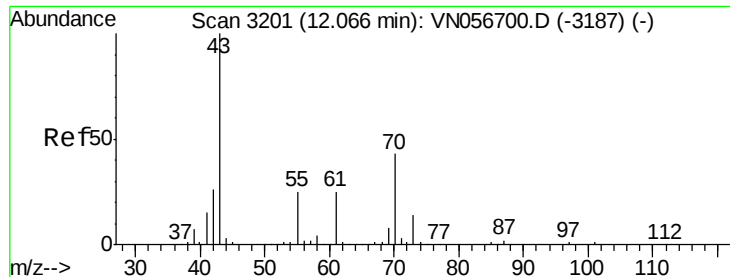


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

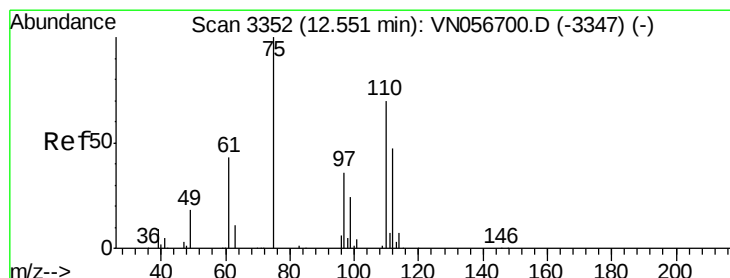
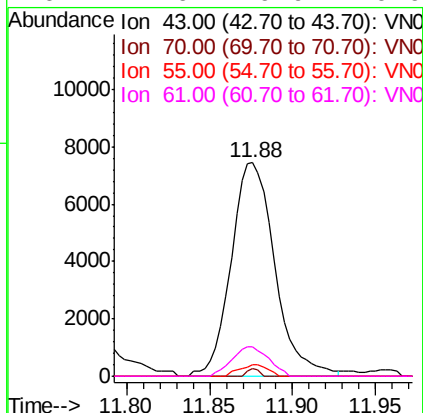
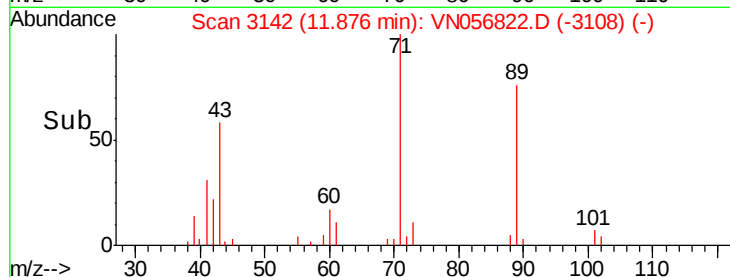
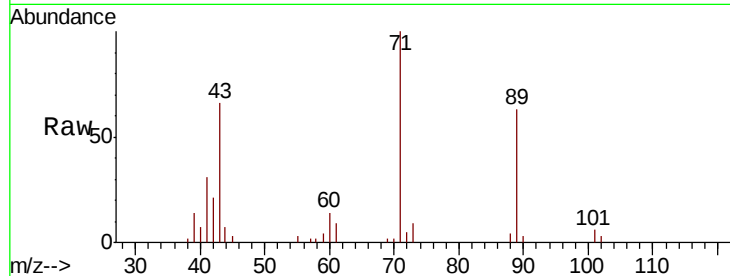




#74
N-amvl acetate
Concen: 2.688 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

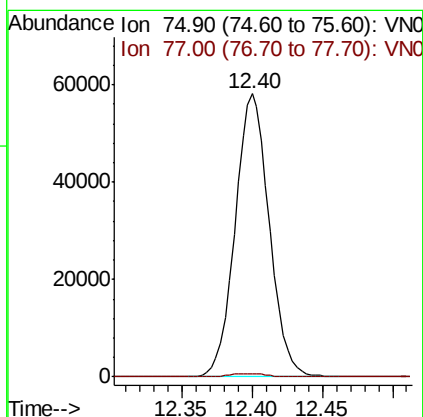
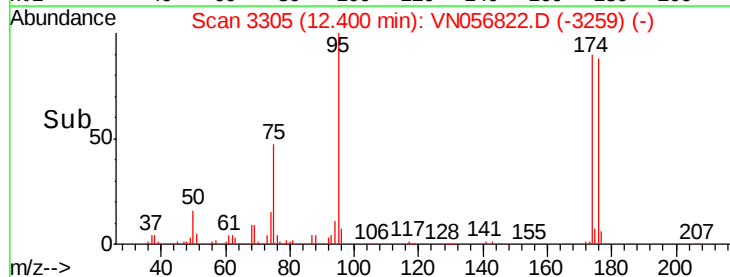
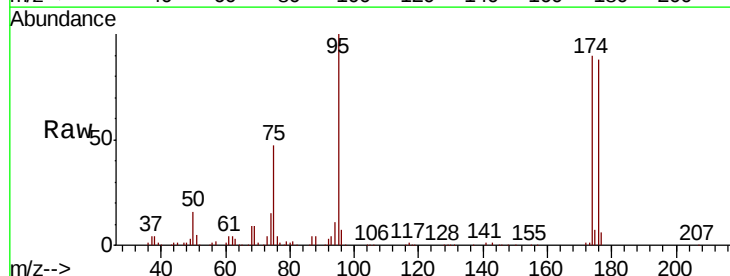
Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#08

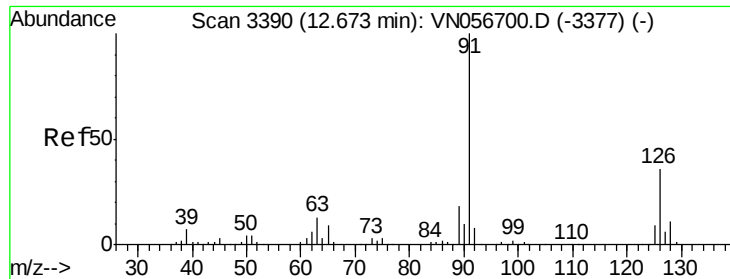
Tot Ion: 43 Resp: 13670
Ion Ratio Lower Upper
43 100
70 0.9 34.5 51.7#
55 3.5 20.2 30.2#
61 11.6 19.9 29.9#



#76
1,2,3-Trichloropropane
Concen: 26.513 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Tgt Ion: 75 Resp: 98216
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.59 min Scan# 3365

Delta R.T. -0.08 min

Lab File: VN056822.D

Acq: 19 Jul 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

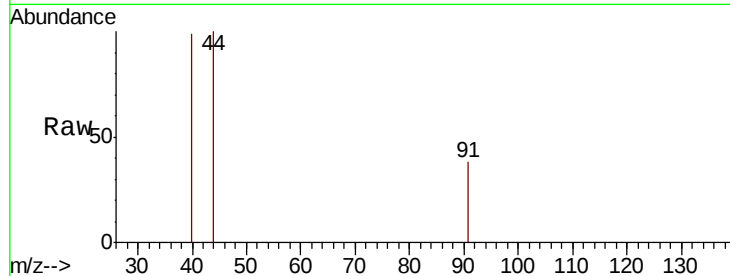
PB121463ZHE#08

Tot Ion: 91 Resp: 106

Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

12.59

200

150

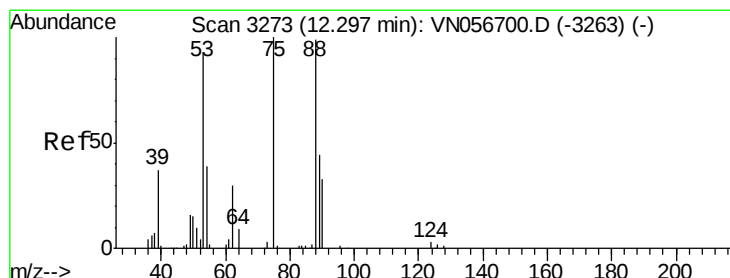
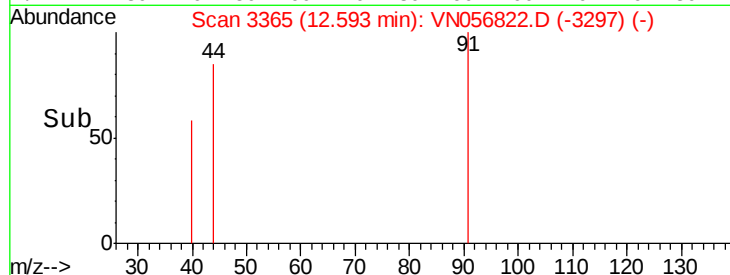
100

50

0

Time-->

12.58 12.59 12.60



#81

trans-1,4-Dichloro-2-butene

Concen: 81.881 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056822.D

Acq: 19 Jul 2019 11:25

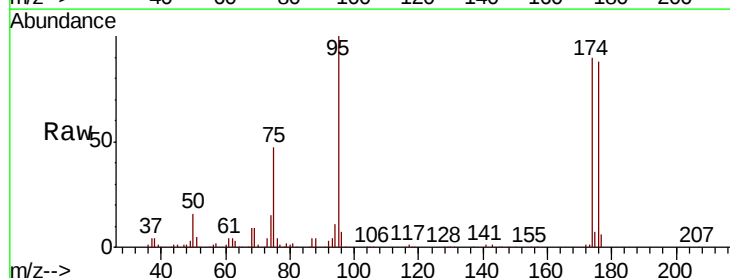
Tgt Ion: 75 Resp: 98216

Ion Ratio Lower Upper

75 100

53 0.0 73.7 110.5#

89 0.0 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

80000

60000

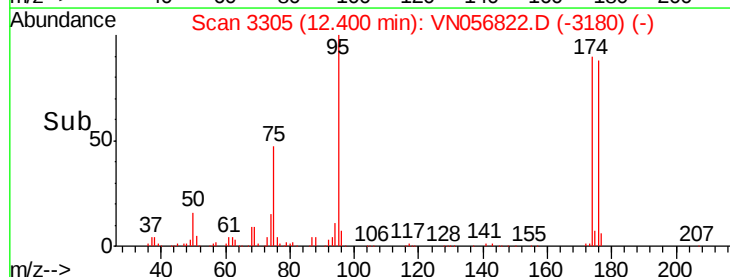
40000

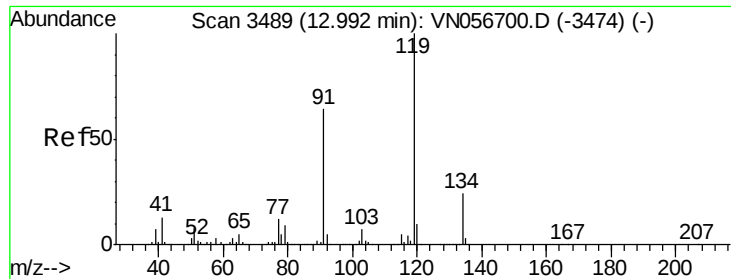
20000

0

Time-->

12.35 12.40 12.45

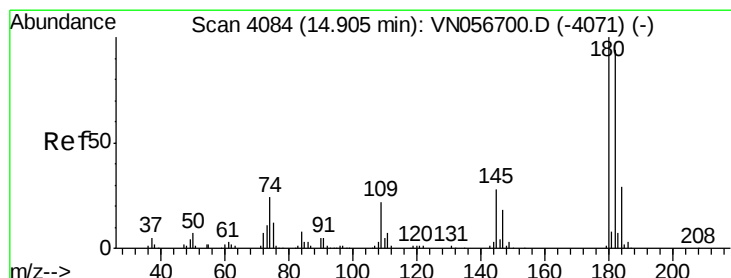
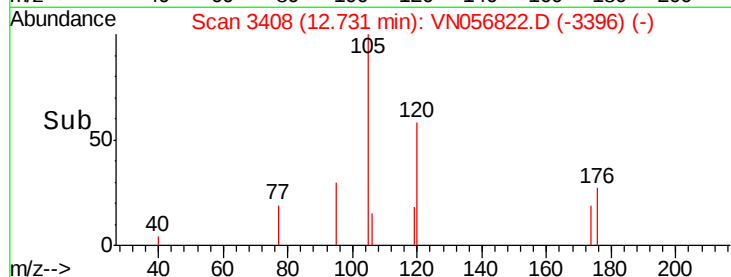
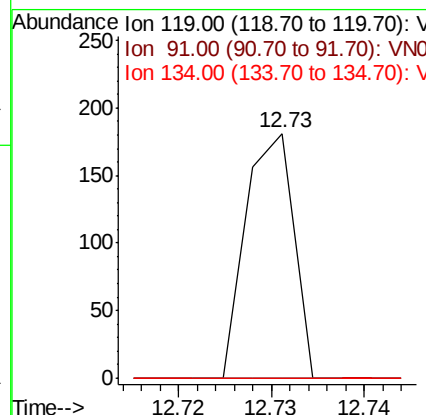
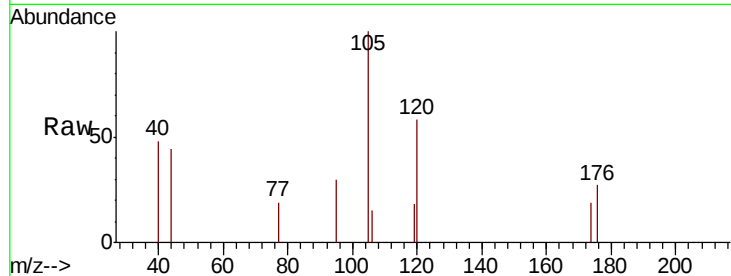




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.26 min
 Lab File: VN056822.D
 Acq: 19 Jul 2019 11:25

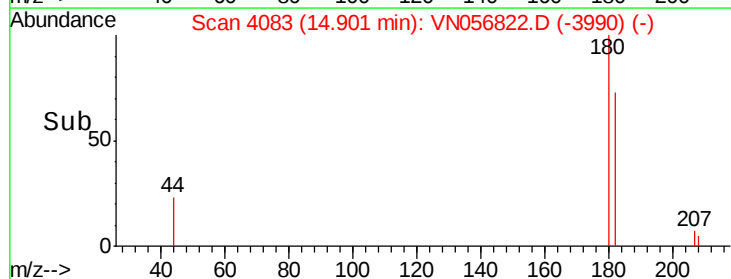
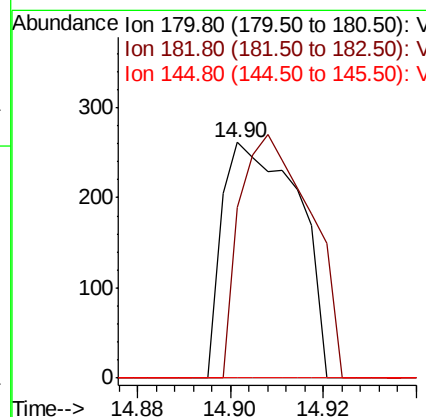
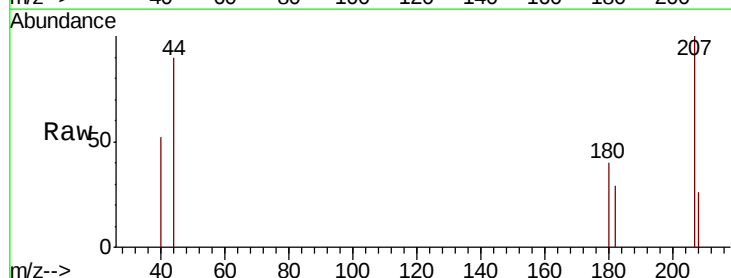
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121463ZHE#08

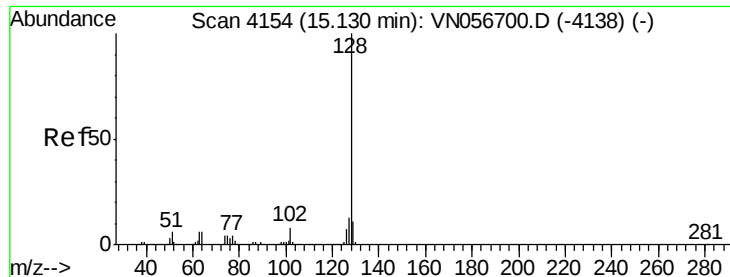
Tot Ion:119 Resp: 65
 Ion Ratio Lower Upper
 119 100
 91 0.0 31.8 95.4#
 134 0.0 13.0 38.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.775 ug/l
 RT: 14.90 min Scan# 4083
 Delta R.T. -0.00 min
 Lab File: VN056822.D
 Acq: 19 Jul 2019 11:25

Tgt Ion:180 Resp: 298
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.2 141.6
 145 0.0 14.2 42.8#





#95

Naphthalene

Concen: 4.610 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN056822.D

Acq: 19 Jul 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

PB121463ZHE#08

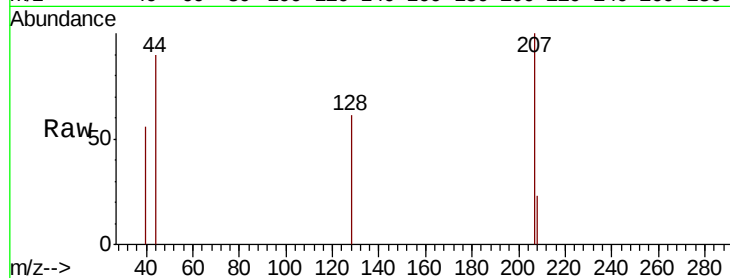
Tot Ion:128 Resp: 847

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

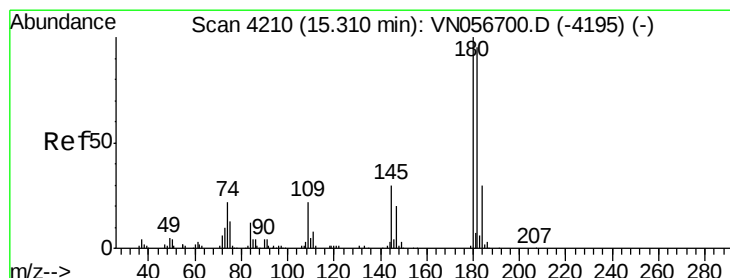
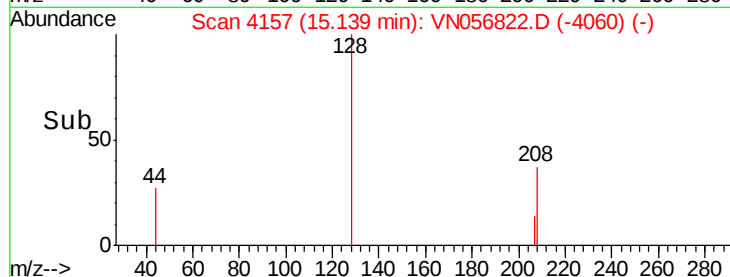
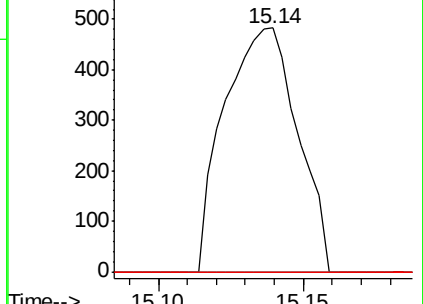
129 0.0 8.7 13.1#



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



#96

1,2,3-Trichlorobenzene

Concen: 3.458 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN056822.D

Acq: 19 Jul 2019 11:25

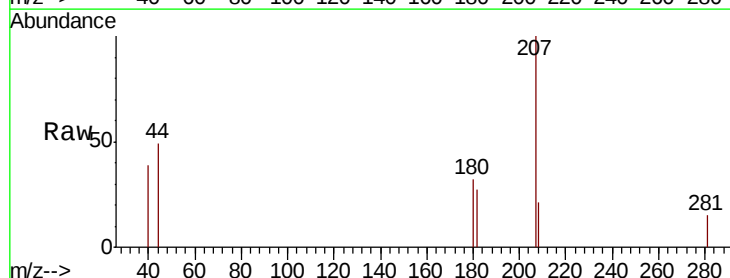
Tgt Ion:180 Resp: 476

Ion Ratio Lower Upper

180 100

182 91.2 47.1 141.3

145 0.0 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

