

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
 Data File : VN056608.D
 Acq On : 8 Jul 2019 14:45
 Operator : JC/SP
 Sample : PB121169TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121169TB

Quant Time: Jul 09 03:44:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	297310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	509128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	528160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	212099	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	171688	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	
35) Dibromofluoromethane	7.59	113	152118	47.89	ug/l	0.00
Spiked Amount			Recovery	=	95.78%	
50) Toluene-d8	10.09	98	642001	51.95	ug/l	0.00
Spiked Amount			Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.40	95	239052	58.02	ug/l	0.00
Spiked Amount			Recovery	=	116.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.54	94	464	0.239	ug/l	83
10) Methyl Iodide	3.95	142	1547	0.419	ug/l #	81
11) Tert butyl alcohol	4.79	59	6740	12.145	ug/l #	90
16) Acetone	3.82	43	49565	30.023	ug/l	100
17) Carbon Disulfide	4.05	76	1334	0.223	ug/l #	75
18) Methyl Acetate	4.34	43	3912	0.348	ug/l #	84
20) Methylene Chloride	4.55	84	8297	1.808	ug/l	100
25) 2-Butanone	6.84	43	12436	5.692	ug/l	99
29) Tetrahydrofuran	7.21	42	56763	42.511	ug/l	99
31) Cyclohexane	7.66	56	5044	0.991	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	19518	4.355	ug/l #	48
37) Ethyl Acetate	6.84	43	12436	2.824	ug/l #	69
38) Carbon Tetrachloride	7.66	117	25804	6.585	ug/l #	14
41) Methacrylonitrile	7.22	41	32904	16.920	ug/l #	29
43) Isopropyl Acetate	8.17	43	21825	3.214	ug/l #	89
45) 1,2-Dichloropropane	9.27	63	1632	0.443	ug/l #	43
48) Methyl methacrylate	9.18	41	10883	3.198	ug/l #	12
49) 1,4-Dioxane	9.21	88	30	0.425	ug/l #	27
51) 4-Methyl-2-Pentanone	9.99	43	5563	1.269	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	56104	11.390	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	11844	2.081	ug/l #	42
59) 2-Hexanone	10.76	43	168295	52.244	ug/l #	51
71) Bromoform	12.39	173	1975	3.782	ug/l #	1
73) Isopropylbenzene	12.25	105	490	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	111385	25.327	ug/l #	100
79) 2-Chlorotoluene	12.68	91	647	Below Cal	#	40
80) 1,3,5-Trimethylbenzene	12.73	105	10232	Below Cal		99
81) trans-1,4-Dichloro-2-buten	12.40	75	111385	90.015	ug/l #	8
83) tert-Butylbenzene	12.99	119	422	Below Cal	#	41
93) 1,2,4-Trichlorobenzene	14.91	180	1901	6.069	ug/l	95
94) Hexachlorobutadiene	15.00	225	223	Below Cal	#	78
95) Naphthalene	15.13	128	5724	5.773	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.31	180	2516	5.077	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
Data File : VN056608.D
Acq On : 8 Jul 2019 14:45
Operator : JC/SP
Sample : PB121169TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB121169TB

Quant Time: Jul 09 03:44:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

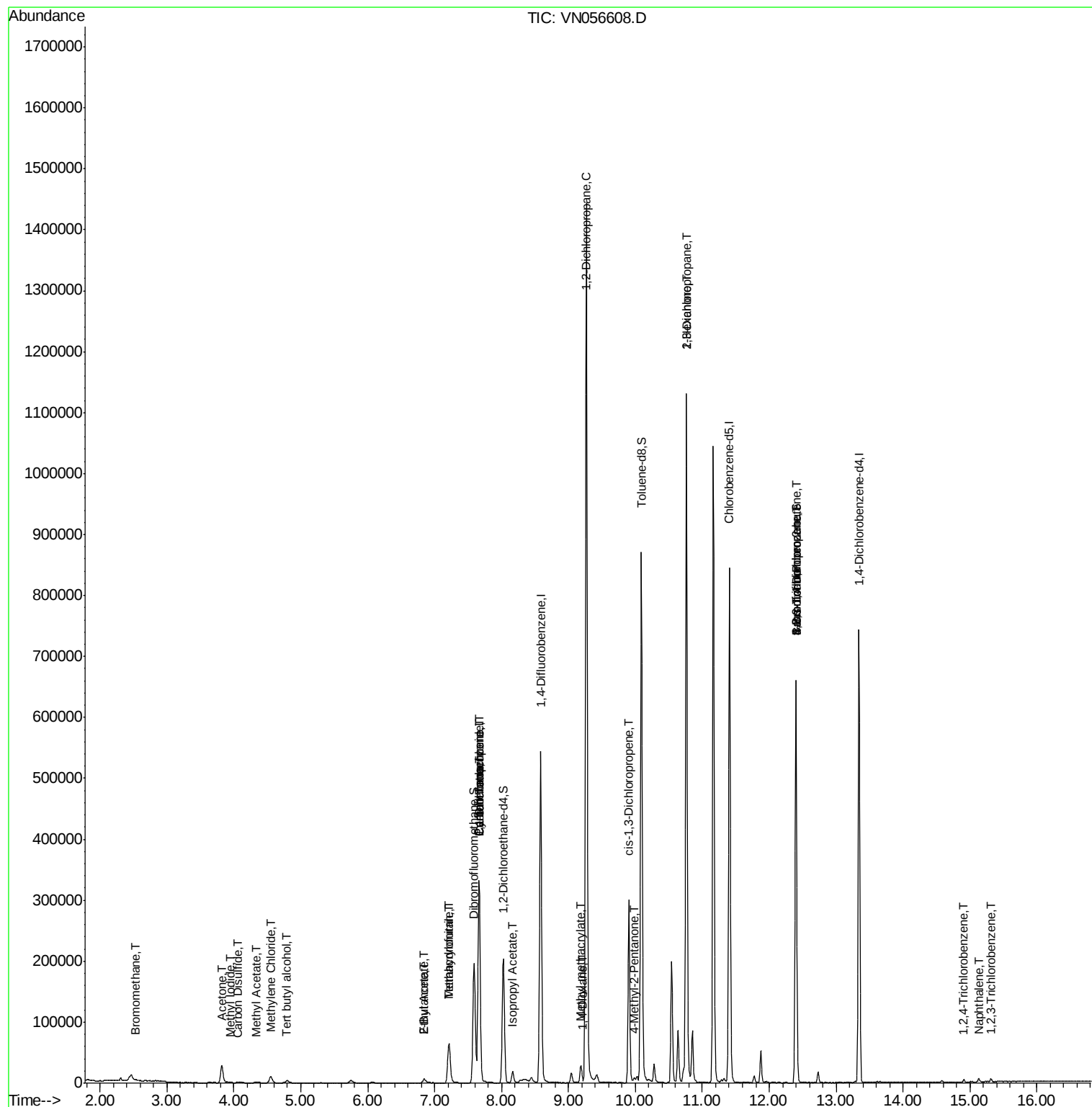
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

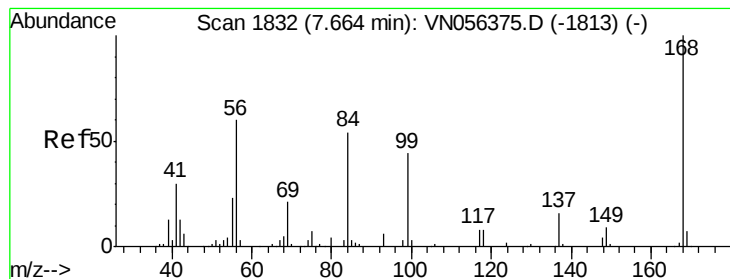
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
Data File : VN056608.D
Acq On : 8 Jul 2019 14:45
Operator : JC/SP
Sample : PB121169TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB121169TB

Quant Time: Jul 09 03:44:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056608.D

Acq: 8 Jul 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

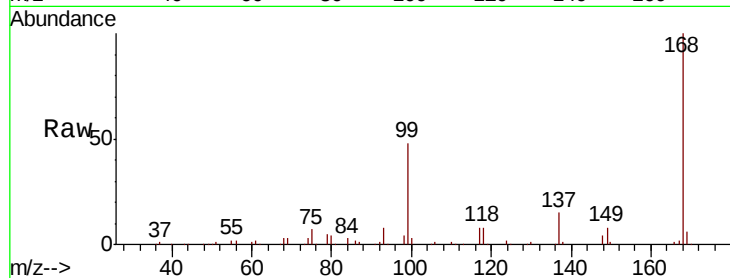
PB121169TB

Tot Ion:168 Resp: 297310

Ion Ratio Lower Upper

168 100

99 48.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

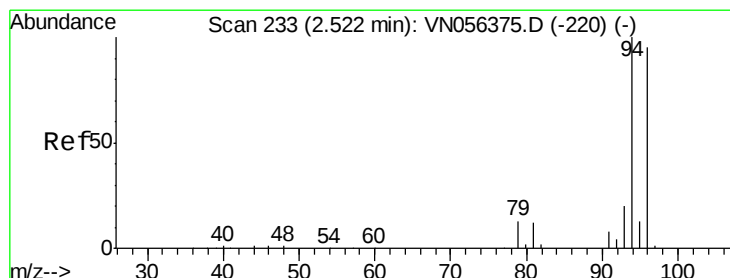
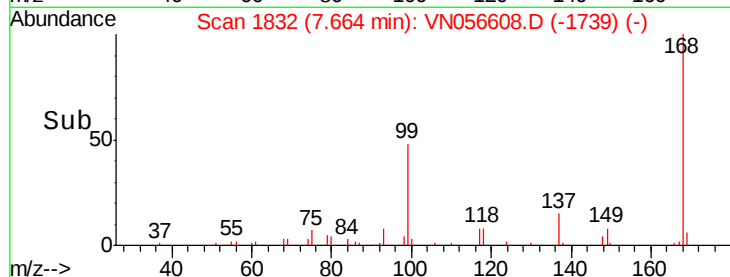
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#5

Bromomethane

Concen: 0.239 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.02 min

Lab File: VN056608.D

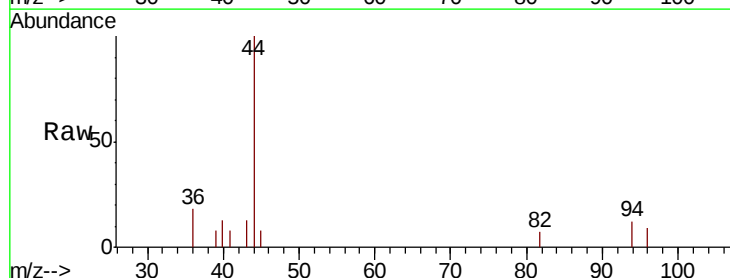
Acq: 8 Jul 2019 14:45

Tgt Ion: 94 Resp: 464

Ion Ratio Lower Upper

94 100

96 78.4 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

2.54

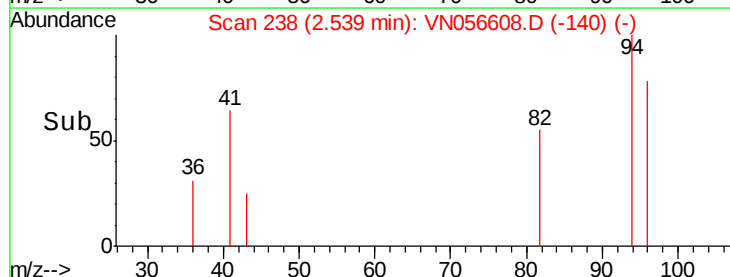
300

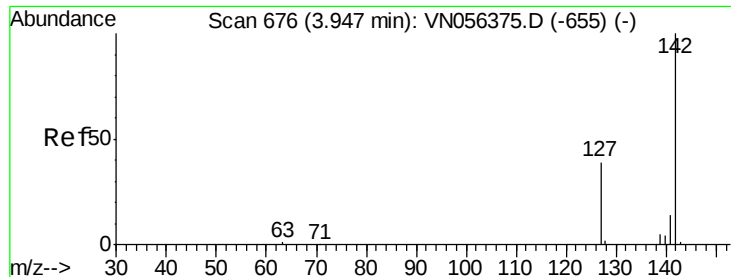
200

100

0

Time--> 2.50 2.52 2.54 2.56 2.58

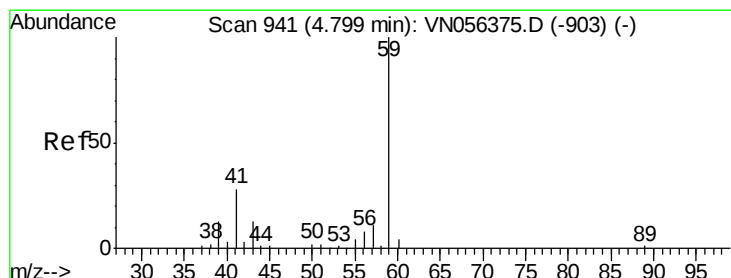
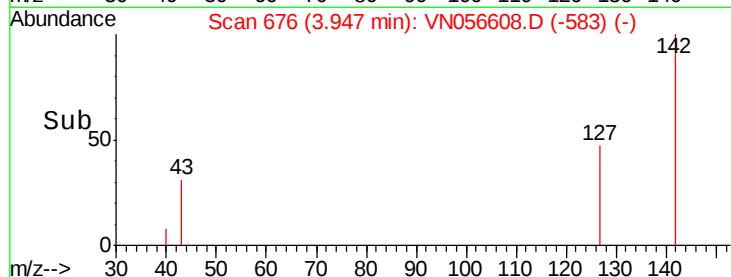
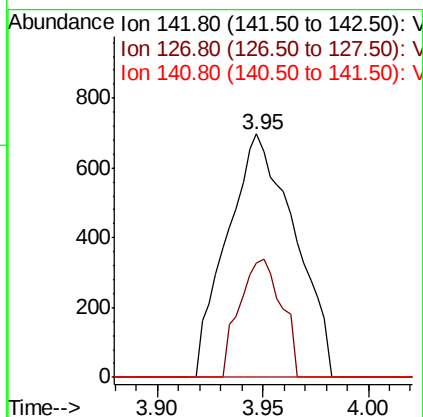
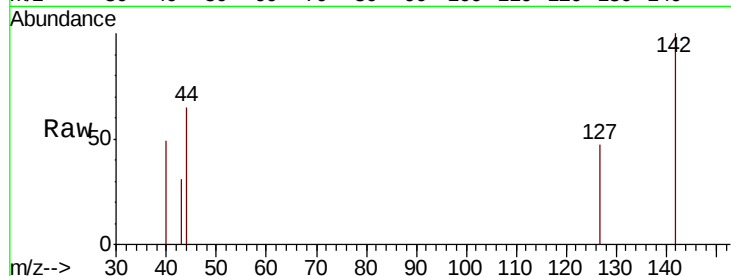




#10
Methvl Iodide
Concen: 0.419 ug/l
RT: 3.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN056608.D
Acq: 8 Jul 2019 14:45

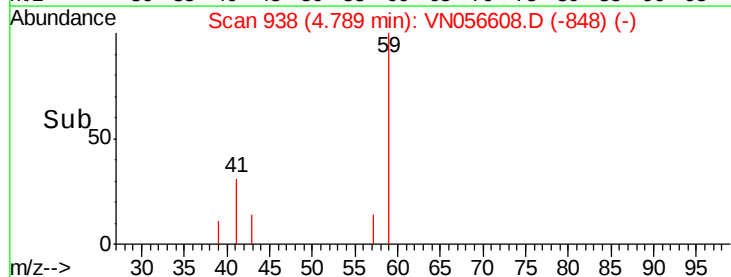
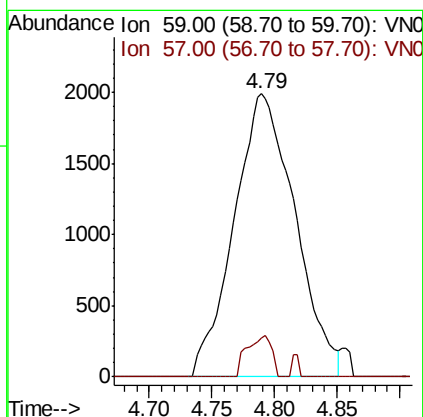
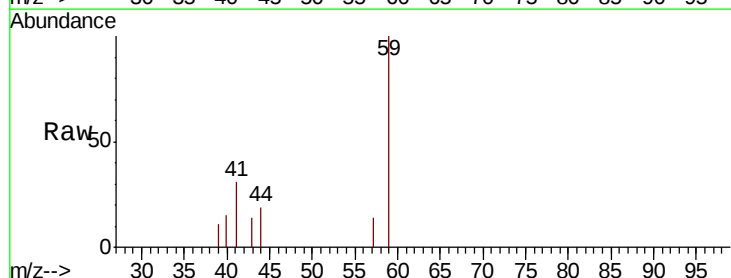
Instrument :
MSVOA_N
ClientSampled :
PB121169TB

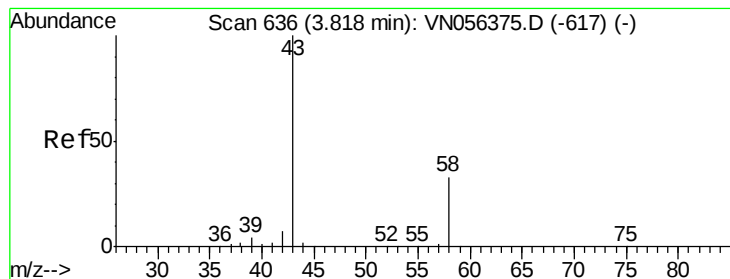
Tot Ion:142 Resp: 1547
Ion Ratio Lower Upper
142 100
127 30.2 30.6 46.0#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 12.145 ug/l
RT: 4.79 min Scan# 938
Delta R.T. -0.01 min
Lab File: VN056608.D
Acq: 8 Jul 2019 14:45

Tgt Ion: 59 Resp: 6740
Ion Ratio Lower Upper
59 100
57 5.9 7.6 11.4#





#16

Acetone

Concen: 30.023 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056608.D

Acq: 8 Jul 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

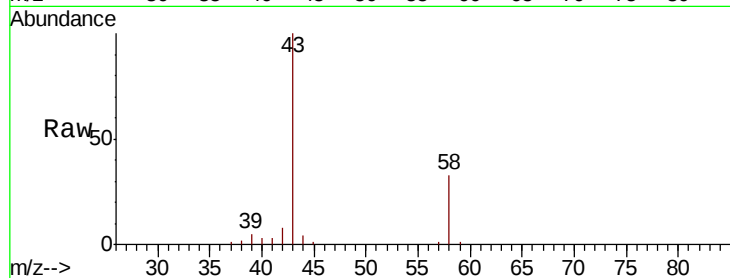
PB121169TB

Tot Ion: 43 Resp: 49565

Ion Ratio Lower Upper

43 100

58 32.9 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

20000

15000

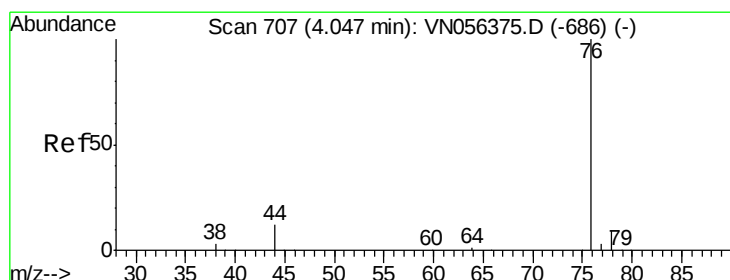
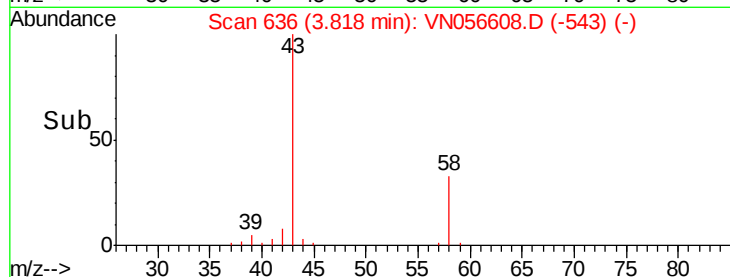
10000

5000

0

Time--> 3.70 3.80 3.90

3.82



#17

Carbon Disulfide

Concen: 0.223 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN056608.D

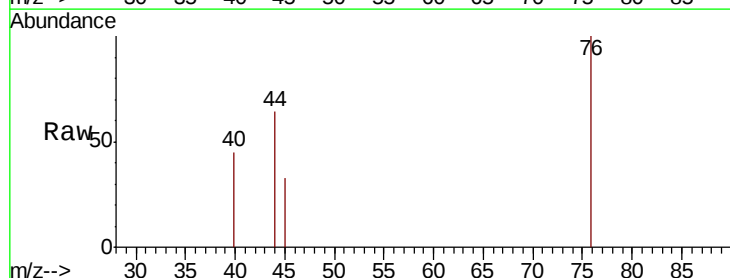
Acq: 8 Jul 2019 14:45

Tgt Ion: 76 Resp: 1334

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

600

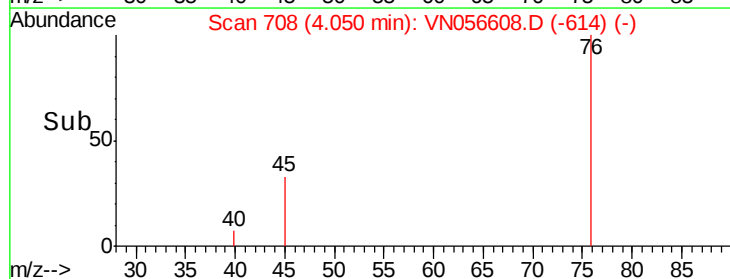
400

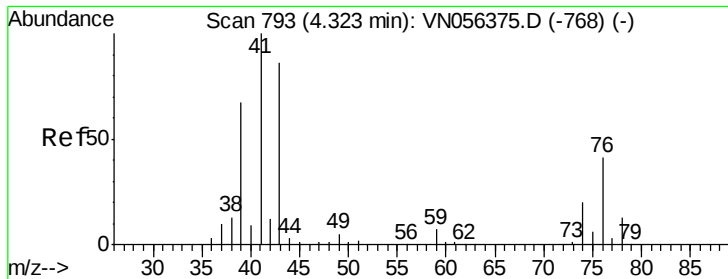
200

0

Time--> 4.00 4.05 4.10

4.05

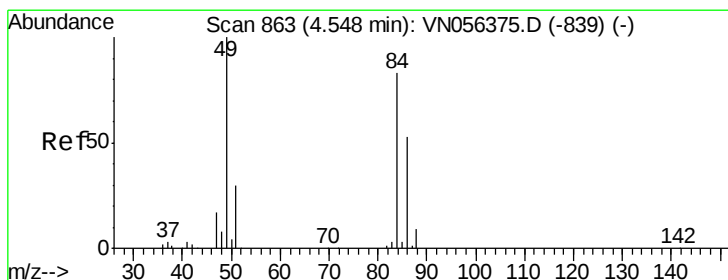
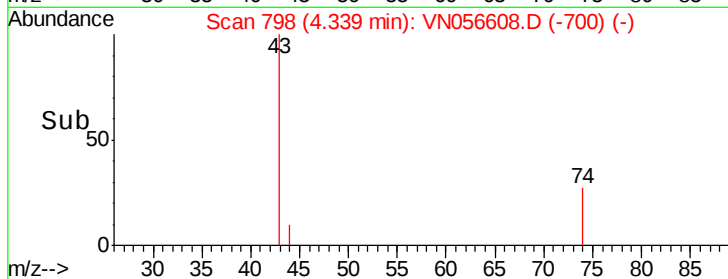
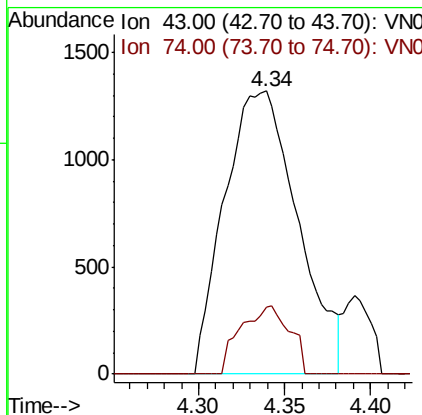
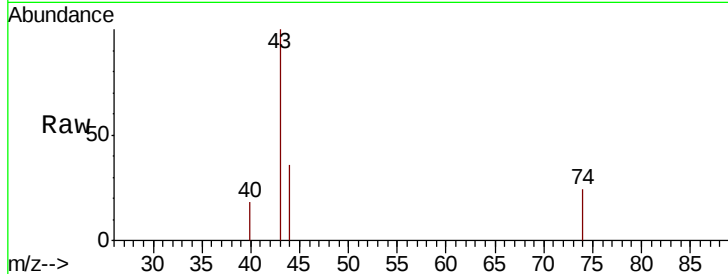




#18
Methyl Acetate
Concen: 0.348 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.02 min
Lab File: VN056608.D
Acq: 8 Jul 2019 14:45

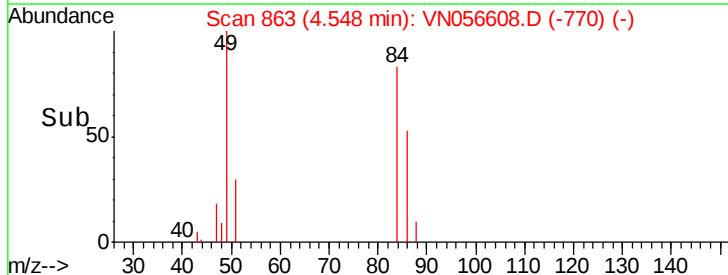
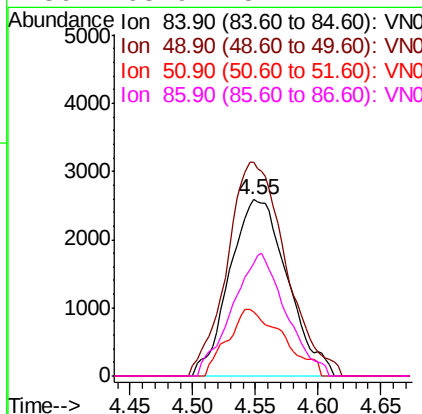
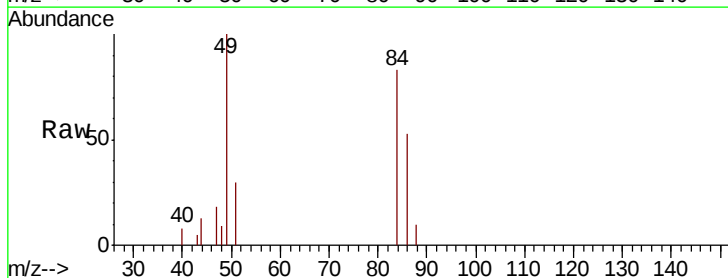
Instrument :
MSVOA_N
ClientSampled :
PB121169TB

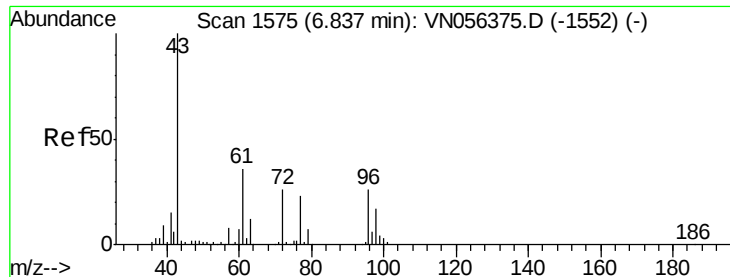
Tot Ion: 43 Resp: 3912
Ion Ratio Lower Upper
43 100
74 16.0 19.2 28.8#



#20
Methylene Chloride
Concen: 1.808 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056608.D
Acq: 8 Jul 2019 14:45

Tgt Ion: 84 Resp: 8297
Ion Ratio Lower Upper
84 100
49 121.0 96.4 144.6
51 36.1 28.6 43.0
86 63.9 51.4 77.2





#25

2-Butanone

Concen: 5.692 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN056608.D

Acq: 8 Jul 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

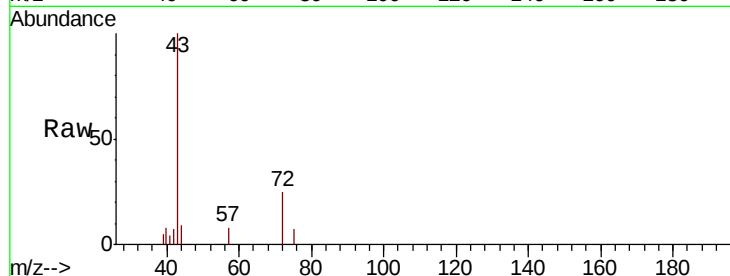
PB121169TB

Tot Ion: 43 Resp: 12436

Ion Ratio Lower Upper

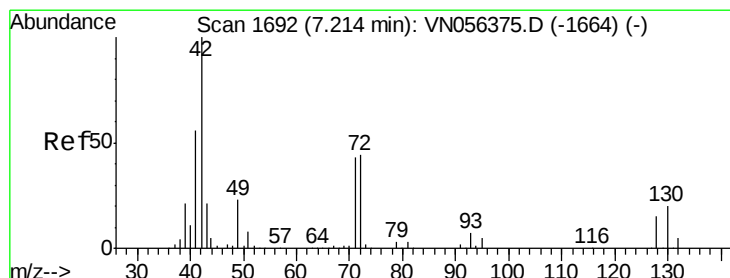
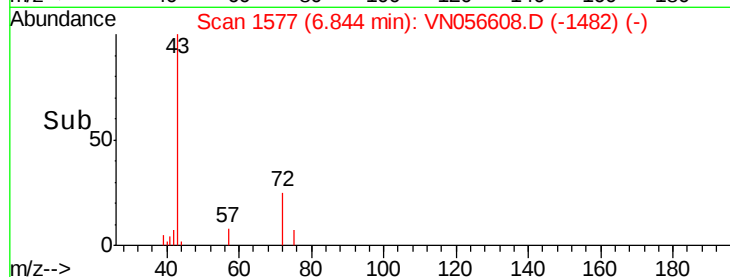
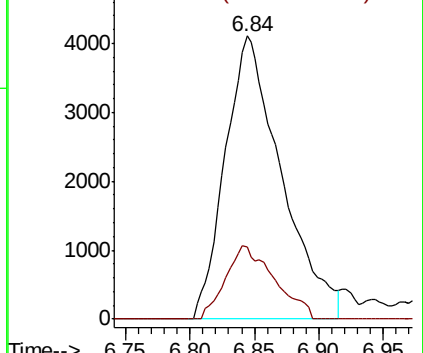
43 100

72 25.3 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 42.511 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. -0.00 min

Lab File: VN056608.D

Acq: 8 Jul 2019 14:45

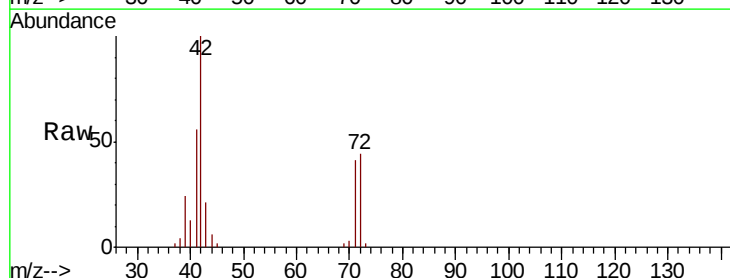
Tgt Ion: 42 Resp: 56763

Ion Ratio Lower Upper

42 100

72 44.5 34.7 52.1

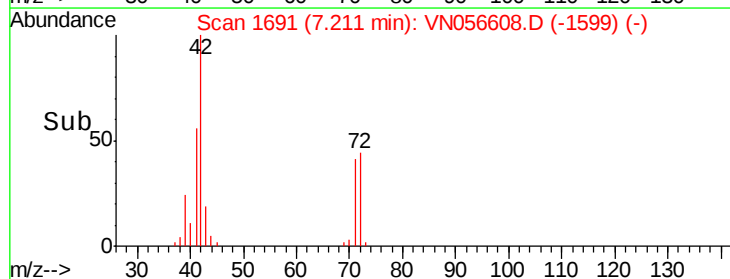
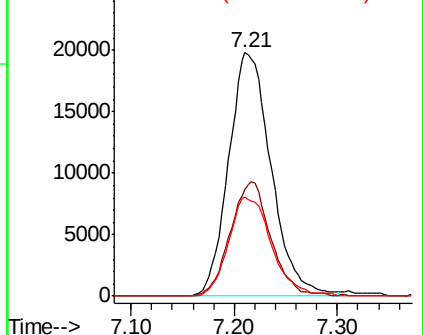
71 41.0 33.0 49.6

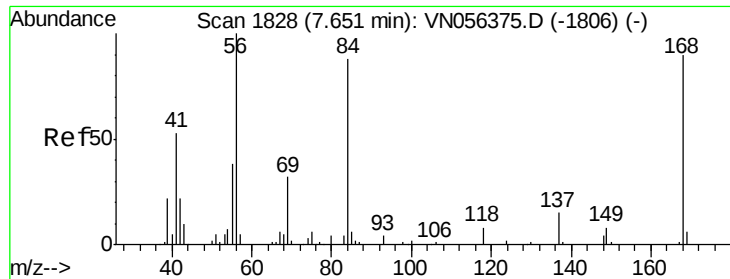


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

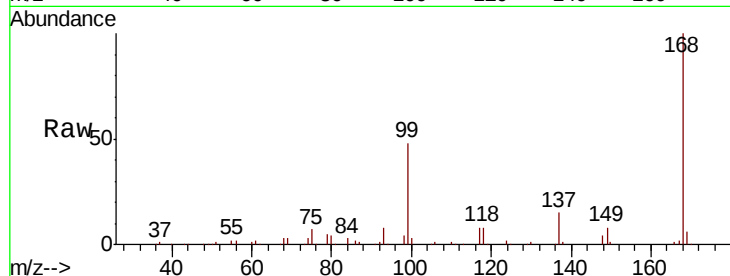




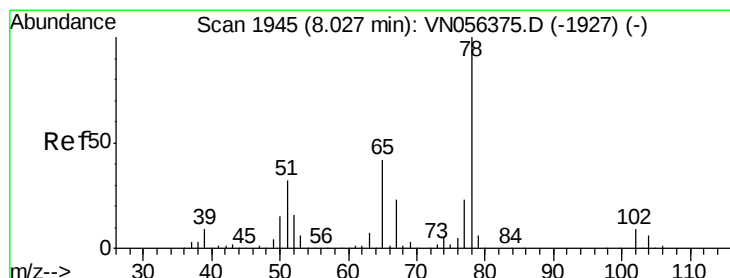
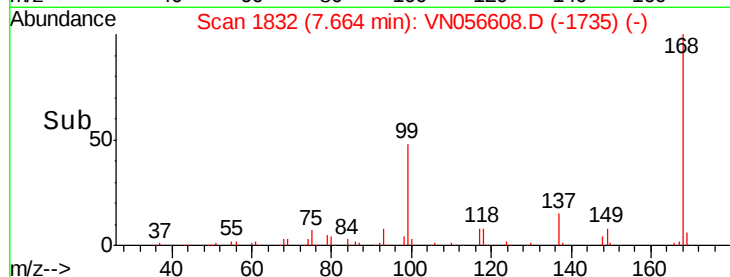
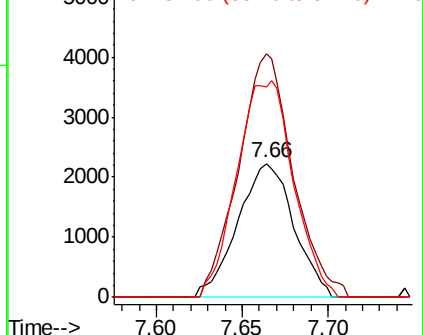
#31
Cyclohexane
Concen: 0.991 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN056608.D
Acq: 8 Jul 2019 14:45

Instrument :
MSVOA_N
ClientSampled :
PB121169TB

Tot Ion: 56 Resp: 5044
Ion Ratio Lower Upper
56 100
69 182.3 25.8 38.6#
84 158.0 69.4 104.0#

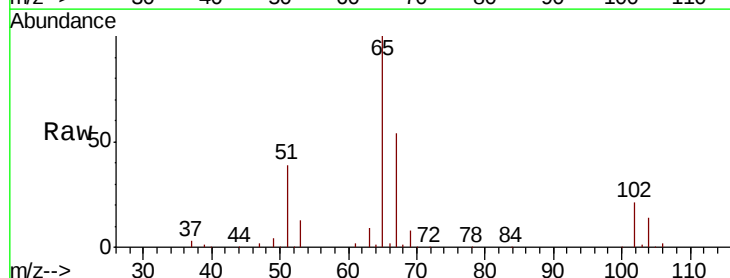


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

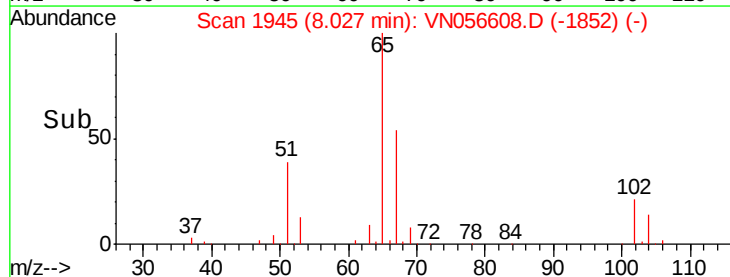
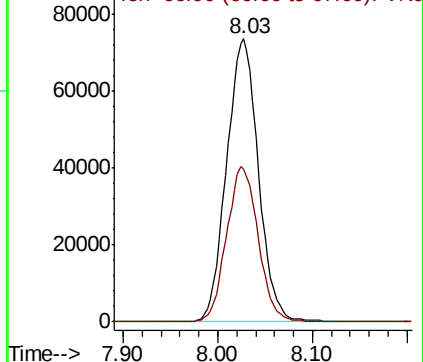


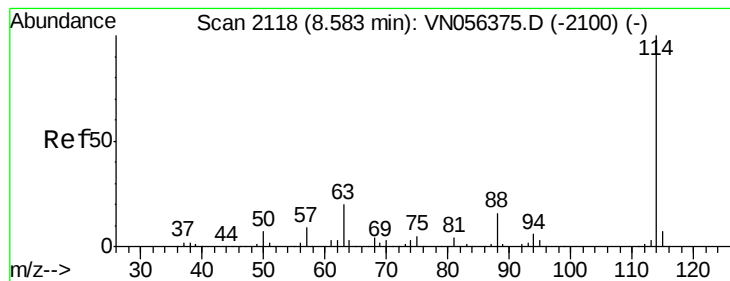
#33
1,2-Dichloroethane-d4
Concen: 52.104 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056608.D
Acq: 8 Jul 2019 14:45

Tgt Ion: 65 Resp: 171688
Ion Ratio Lower Upper
65 100
67 54.4 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: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056608.D

Acq: 8 Jul 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

PB121169TB

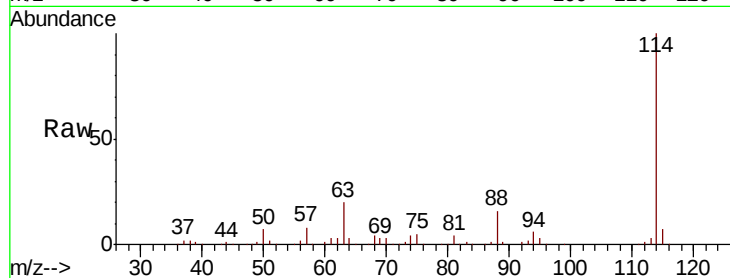
Tot Ion:114 Resp: 509128

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

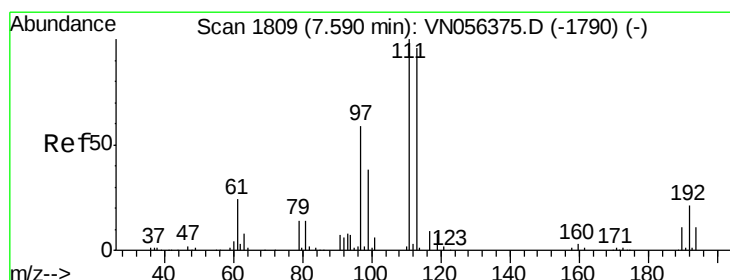
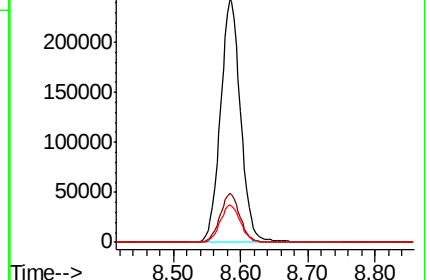
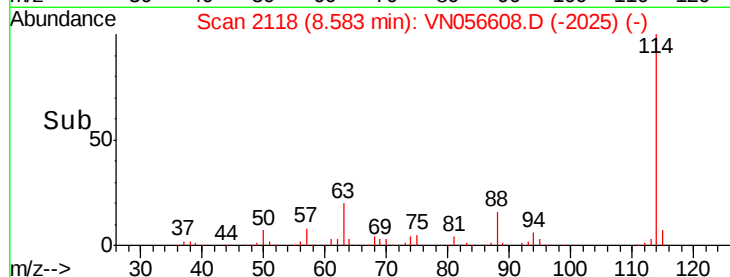
88 15.6 0.0 31.4



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: 47.894 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056608.D

Acq: 8 Jul 2019 14:45

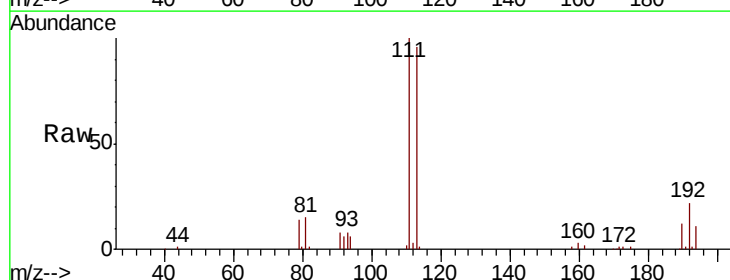
Tgt Ion:113 Resp: 152118

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

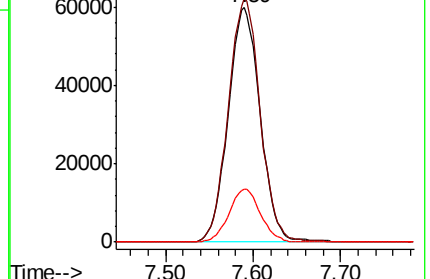
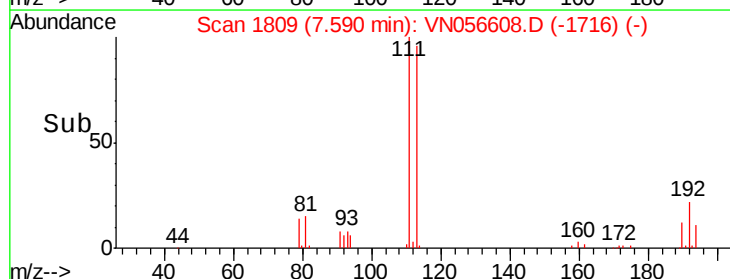
192 22.1 17.7 26.5

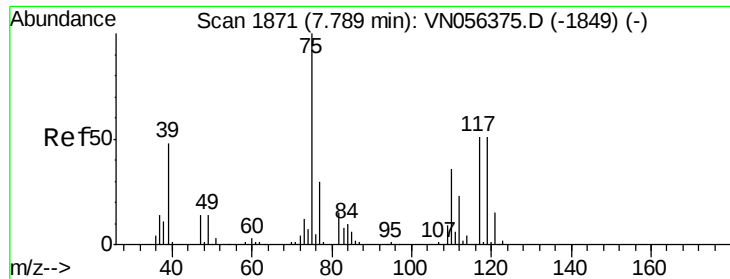


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

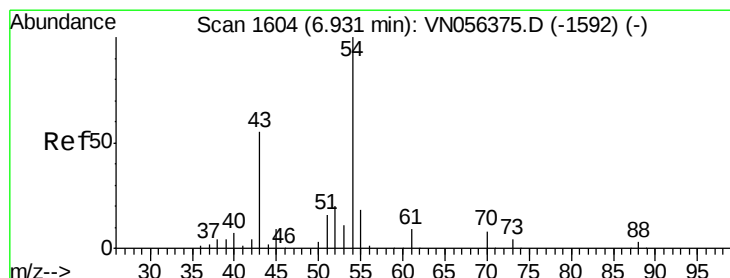
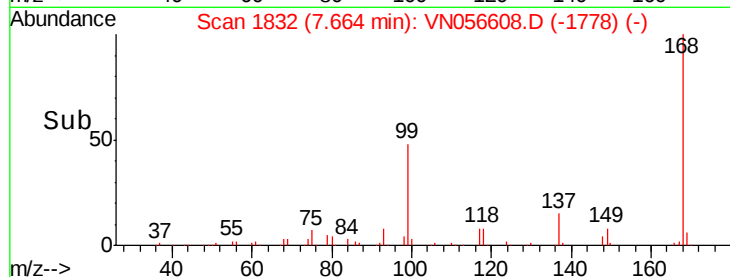
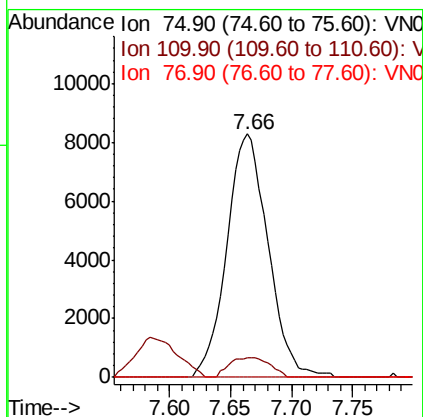
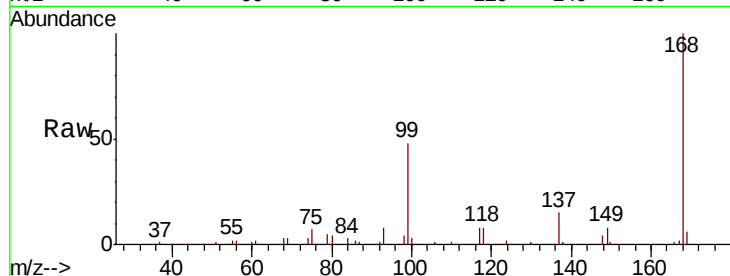




#36
 1,1-Dichloropropene
 Concen: 4.355 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056608.D
 Acq: 8 Jul 2019 14:45

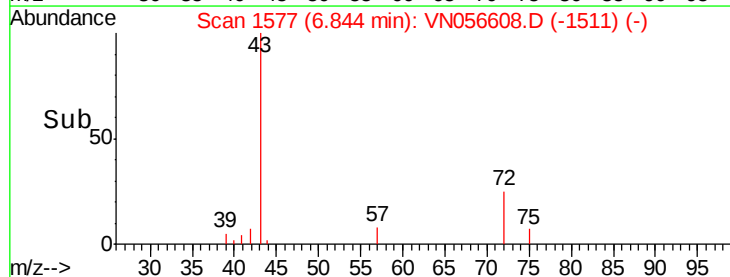
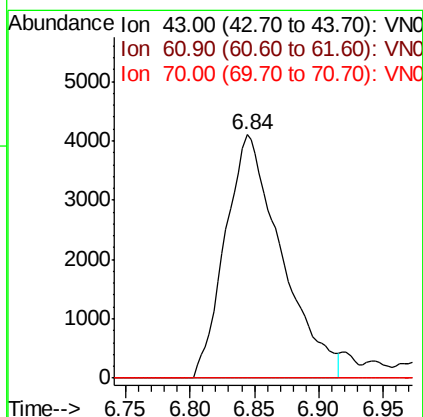
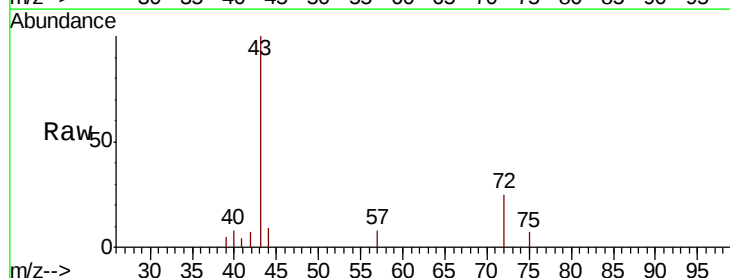
Instrument :
 MSVOA_N
 ClientSampled :
 PB121169TB

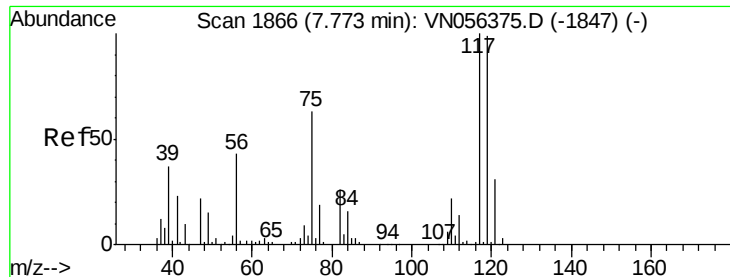
Tot Ion: 75 Resp: 19518
 Ion Ratio Lower Upper
 75 100
 110 8.0 18.1 54.3#
 77 0.0 24.6 36.8#



#37
 Ethyl Acetate
 Concen: 2.824 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. -0.09 min
 Lab File: VN056608.D
 Acq: 8 Jul 2019 14:45

Tgt Ion: 43 Resp: 12436
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.1 16.7#
 70 0.0 8.3 12.5#





#38

Carbon Tetrachloride

Concen: 6.585 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN056608.D

Acq: 8 Jul 2019 14:45

Instrument :

MSVOA_N

ClientSampled :

PB121169TB

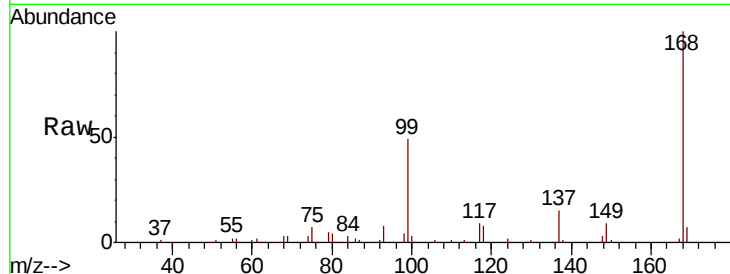
Tot Ion:117 Resp: 25804

Ion Ratio Lower Upper

117 100

119 4.8 79.1 118.7#

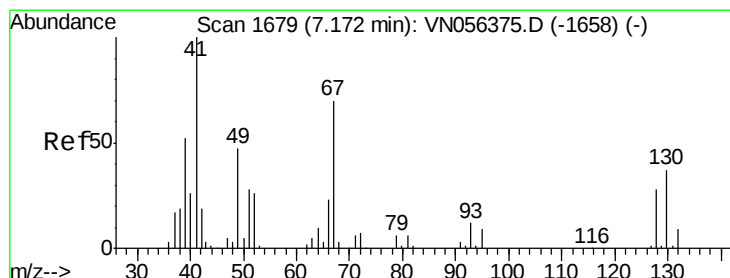
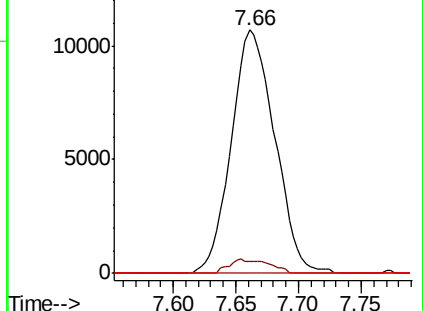
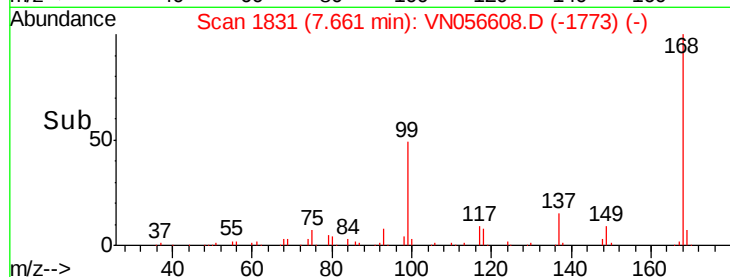
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 16.920 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.05 min

Lab File: VN056608.D

Acq: 8 Jul 2019 14:45

Tgt Ion: 41 Resp: 32904

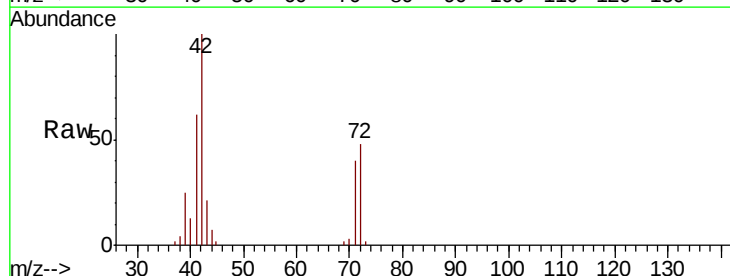
Ion Ratio Lower Upper

41 100

39 41.3 55.3 82.9#

67 0.0 79.2 118.8#

52 0.0 31.4 47.0#

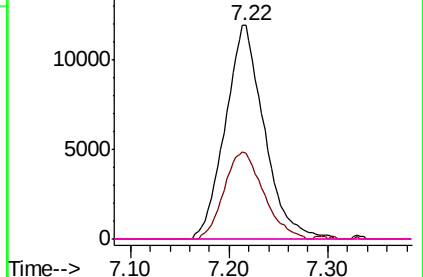
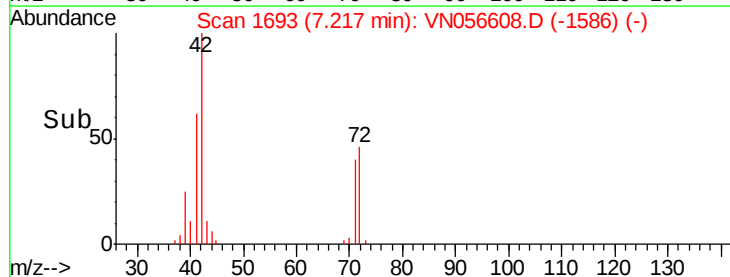


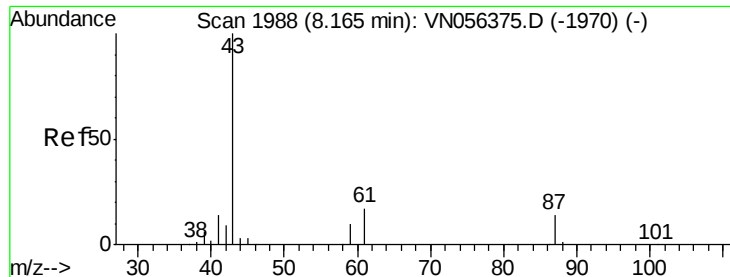
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 3.214 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056608.D

Acq: 8 Jul 2019 14:45

Instrument :

MSVOA_N

ClientSampled :

PB121169TB

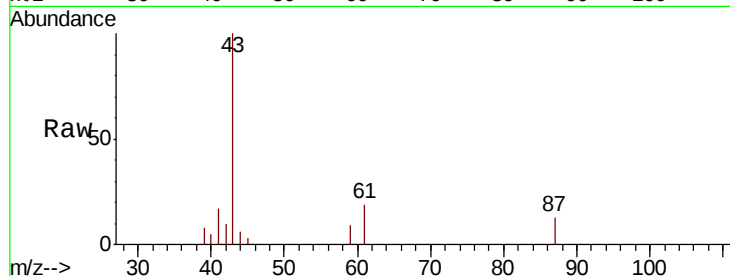
Tot Ion: 43 Resp: 21825

Ion Ratio Lower Upper

43 100

61 19.2 22.0 33.0#

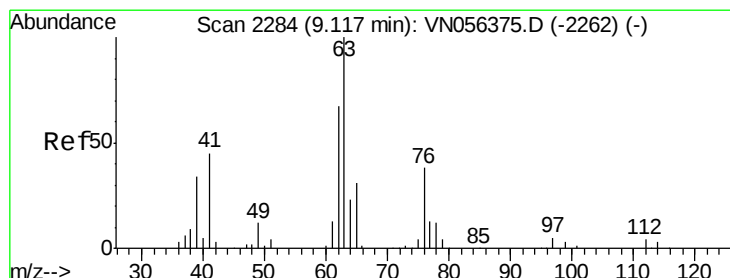
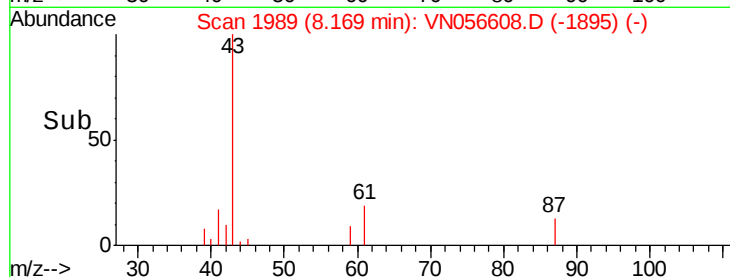
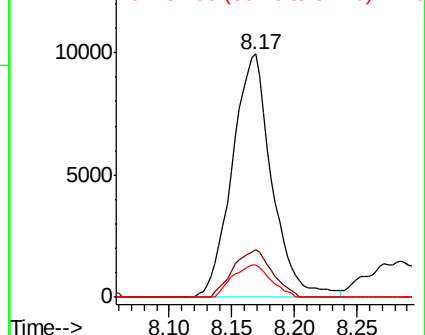
87 12.8 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056375.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056375.D (-1970) (-)



#45

1,2-Dichloropropane

Concen: 0.443 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN056608.D

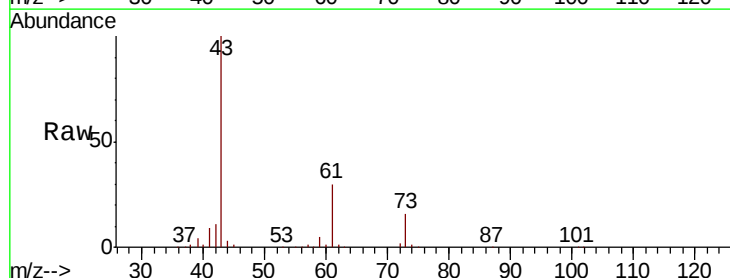
Acq: 8 Jul 2019 14:45

Tgt Ion: 63 Resp: 1632

Ion Ratio Lower Upper

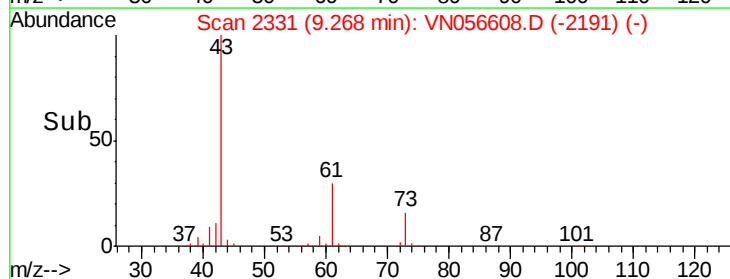
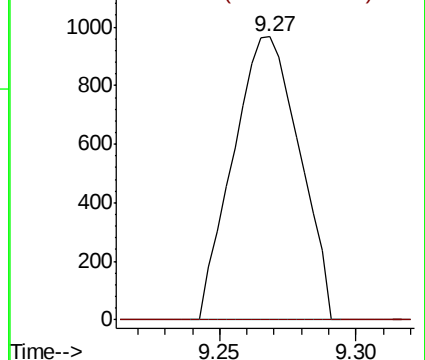
63 100

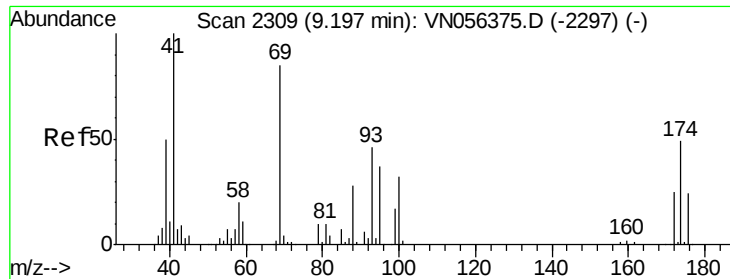
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN056375.D (-2262) (-)

Ion 64.90 (64.60 to 65.60): VN056375.D (-2262) (-)

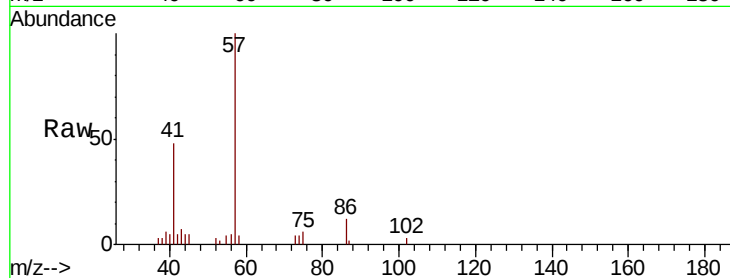




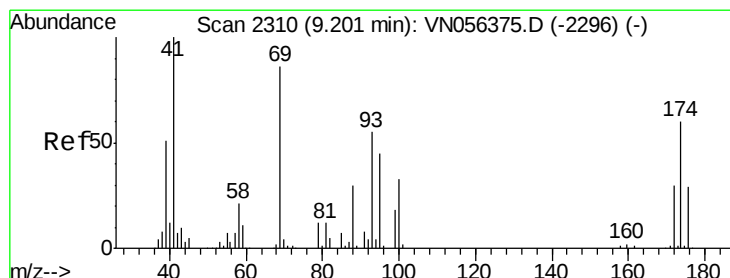
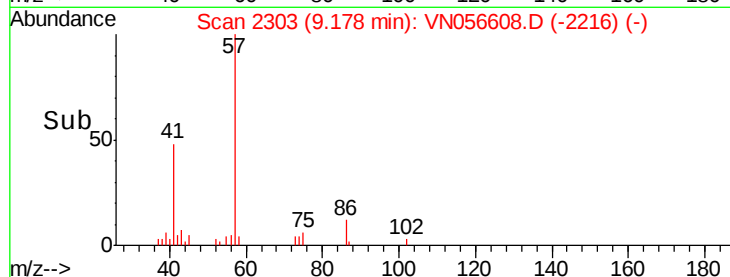
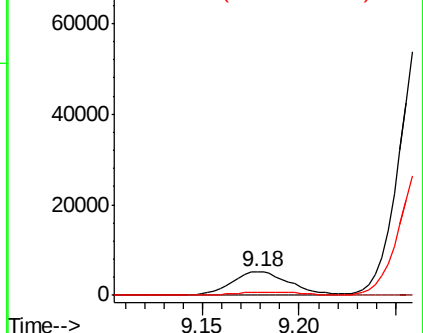
#48
Methvl methacrylate
Concen: 3.198 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN056608.D
Acq: 8 Jul 2019 14:45

Instrument :
MSVOA_N
ClientSampleId :
PB121169TB

Tot Ion: 41 Resp: 10883
Ion Ratio Lower Upper
41 100
69 0.0 72.6 109.0#
39 0.0 42.6 63.8#

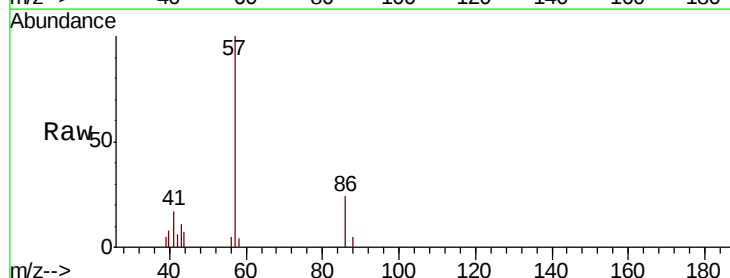


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

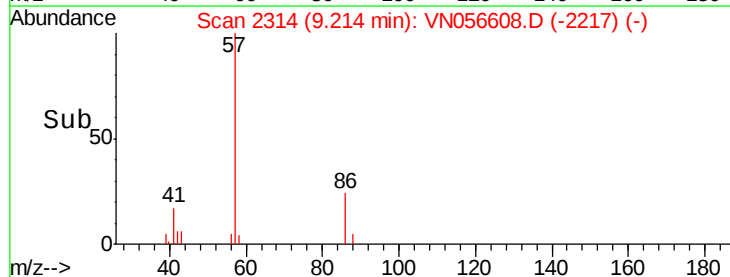
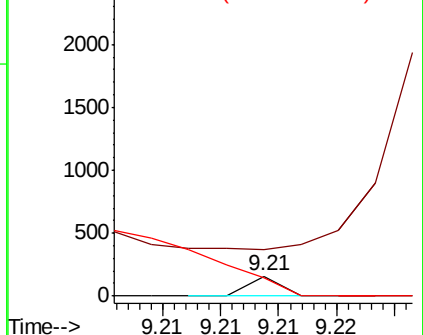


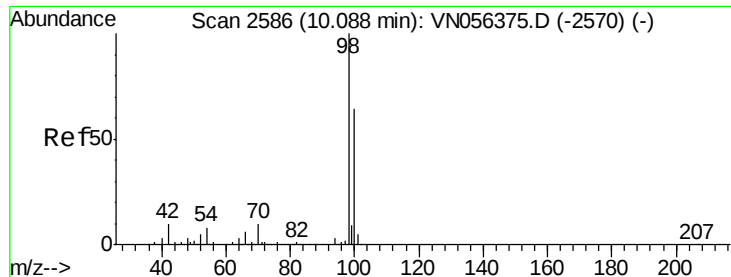
#49
1,4-Dioxane
Concen: 0.425 ug/l
RT: 9.21 min Scan# 2314
Delta R.T. 0.01 min
Lab File: VN056608.D
Acq: 8 Jul 2019 14:45

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 0.0 22.0 33.0#
58 0.0 51.8 77.8#



Abundance Ion 88.00 (87.70 to 88.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 58.00 (57.70 to 58.70): VNC





#50

Toluene-d8

Concen: 51.948 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056608.D

Acq: 8 Jul 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

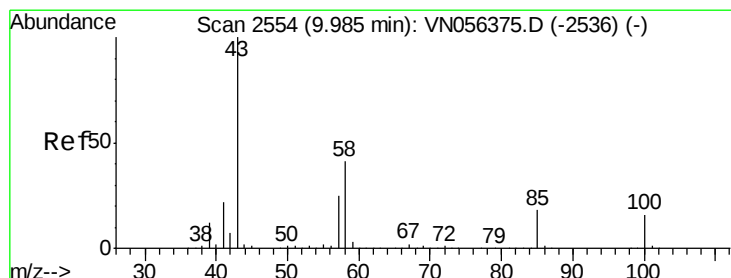
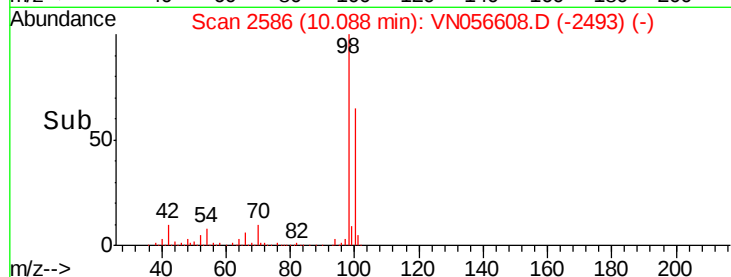
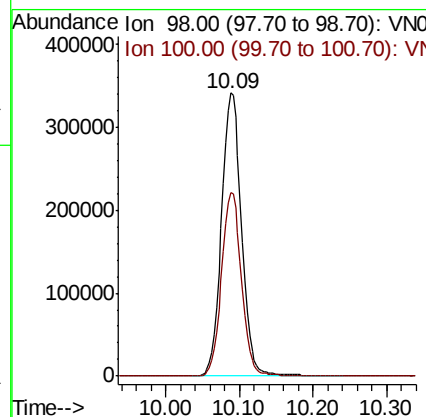
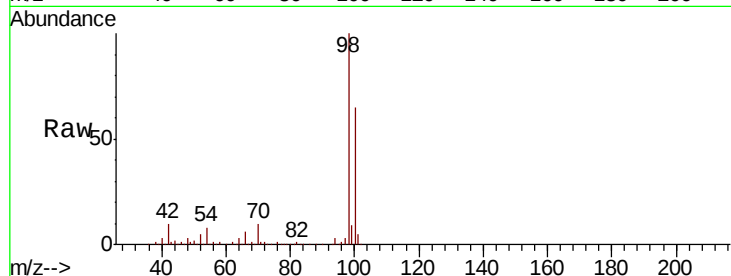
PB121169TB

Tot Ion: 98 Resp: 642001

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 1.269 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056608.D

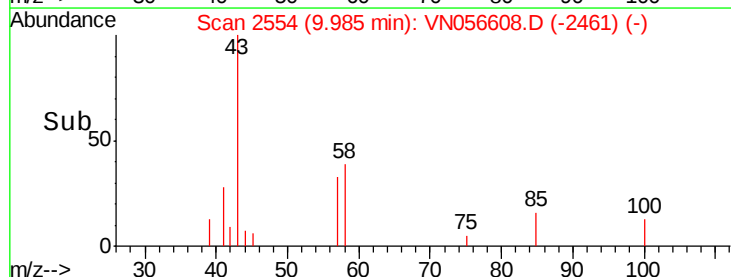
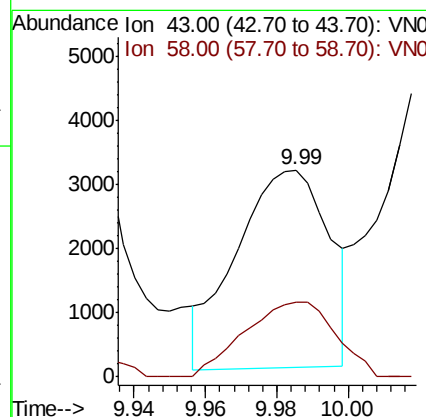
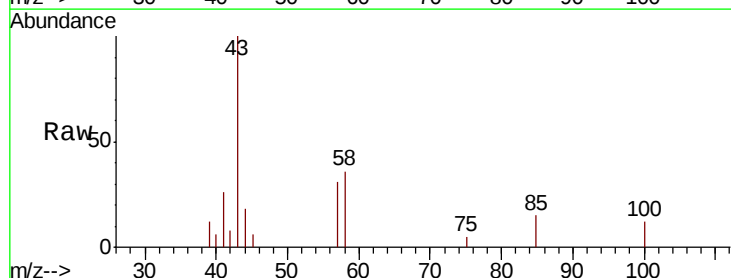
Acq: 8 Jul 2019 14:45

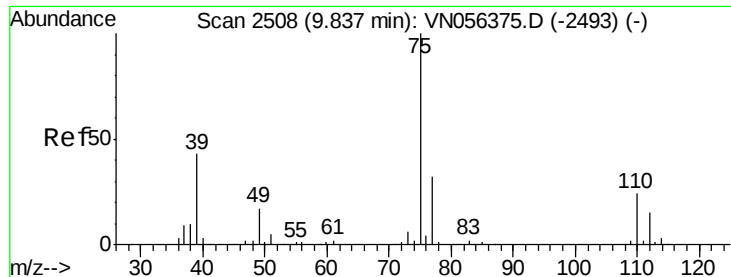
Tgt Ion: 43 Resp: 5563

Ion Ratio Lower Upper

43 100

58 37.0 31.8 47.8



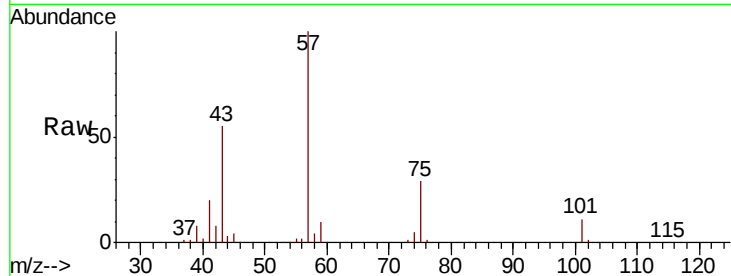


#54

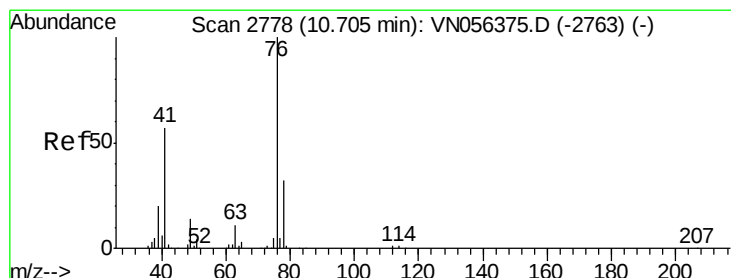
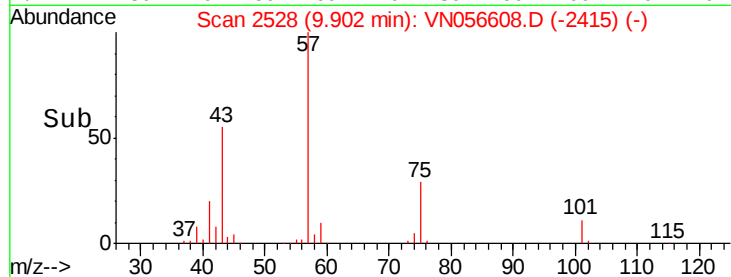
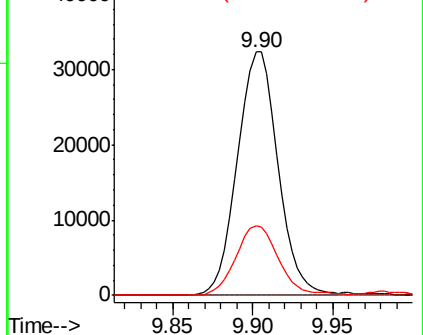
cis-1,3-Dichloropropene
 Concen: 11.390 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.06 min
 Lab File: VN056608.D
 Acq: 8 Jul 2019 14:45

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121169TB

Tot Ion: 75 Resp: 56104
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.2 37.8#
 39 28.6 34.2 51.4#



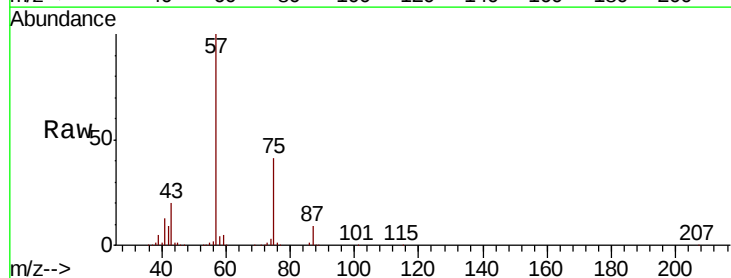
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



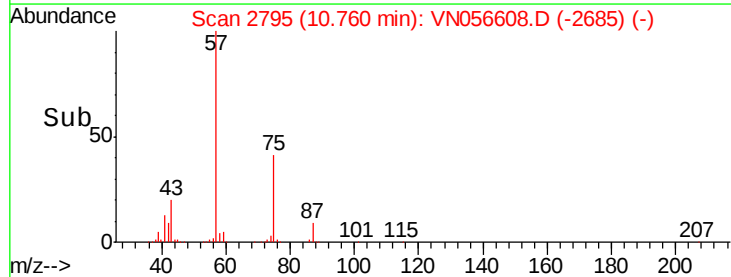
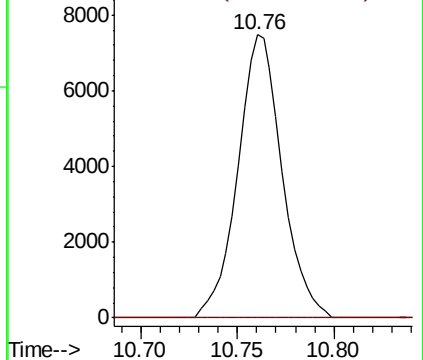
#57

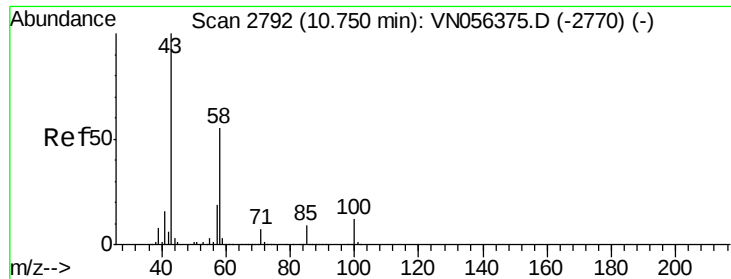
1,3-Dichloropropane
 Concen: 2.081 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.05 min
 Lab File: VN056608.D
 Acq: 8 Jul 2019 14:45

Tgt Ion: 76 Resp: 11844
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

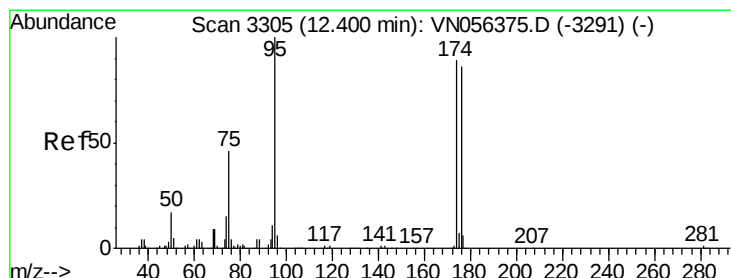
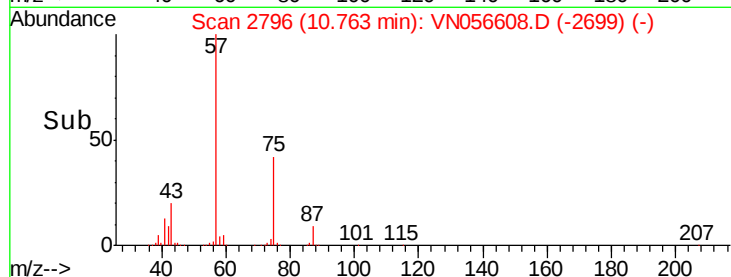
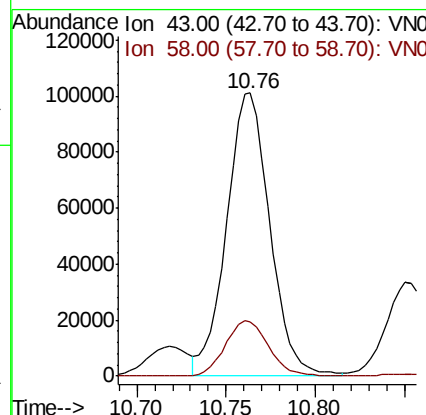
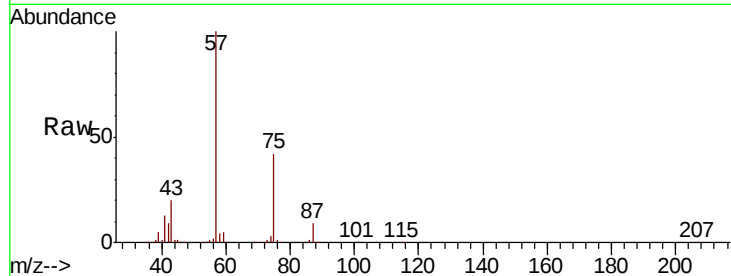




#59
2-Hexanone
Concen: 52.244 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056608.D
Acq: 8 Jul 2019 14:45

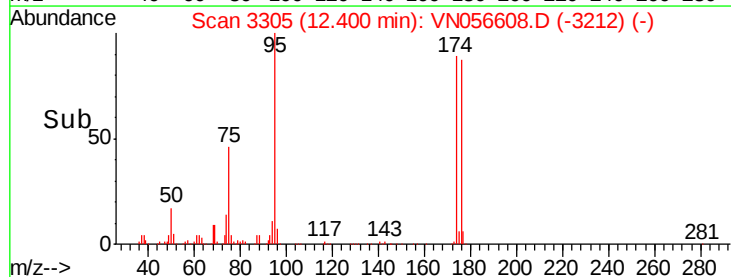
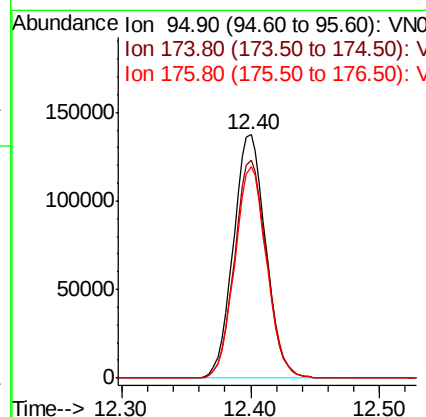
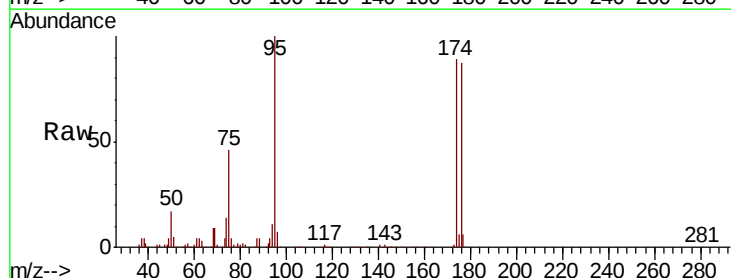
Instrument :
MSVOA_N
ClientSampled :
PB121169TB

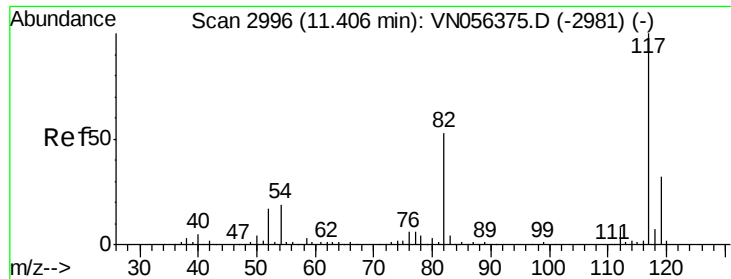
Tot Ion: 43 Resp: 168295
Ion Ratio Lower Upper
43 100
58 19.9 27.8 83.4#



#62
4-Bromofluorobenzene
Concen: 58.025 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056608.D
Acq: 8 Jul 2019 14:45

Tgt Ion: 95 Resp: 239052
Ion Ratio Lower Upper
95 100
174 89.3 0.0 179.4
176 85.9 0.0 173.4

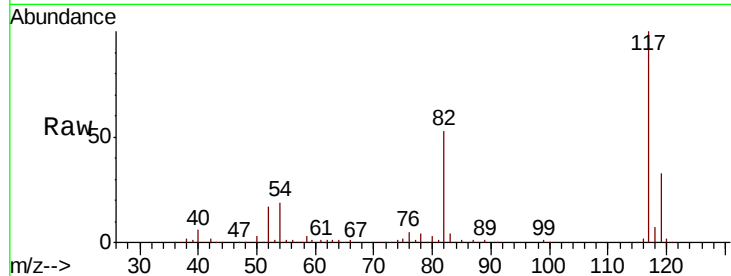




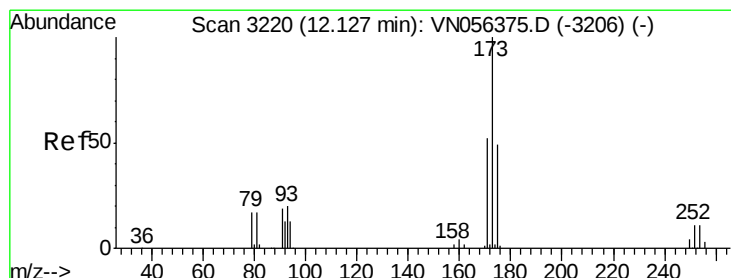
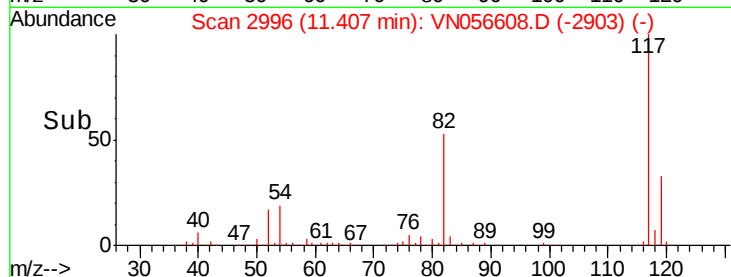
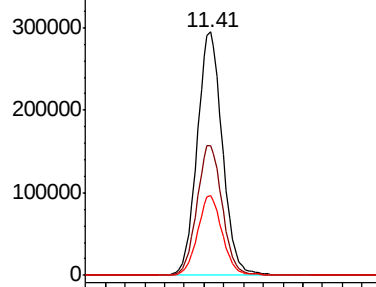
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056608.D
Acq: 8 Jul 2019 14:45

Instrument :
MSVOA_N
ClientSampleId :
PB121169TB

Tot Ion:117 Resp: 528160
Ion Ratio Lower Upper
117 100
82 53.5 42.0 63.0
119 32.7 25.3 37.9

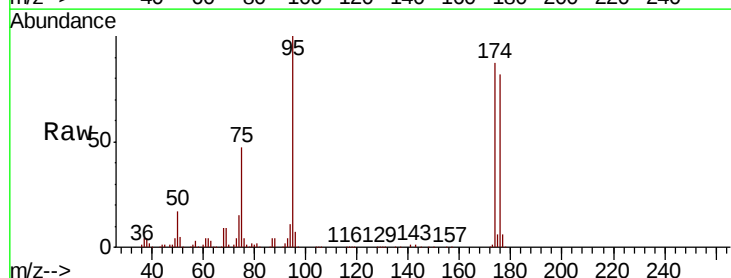


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

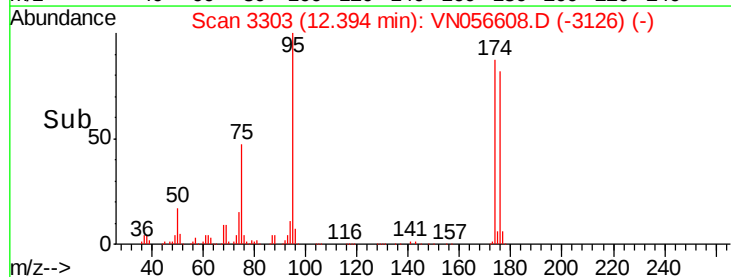
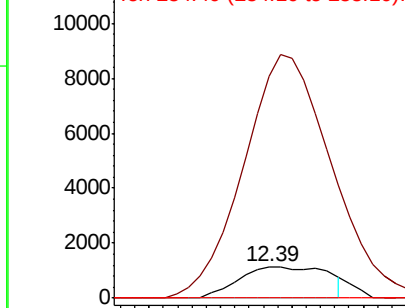


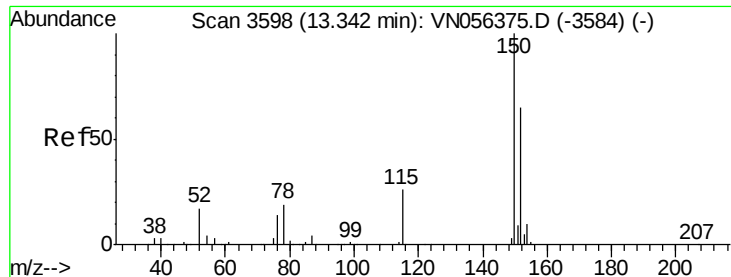
#71
Bromoform
Concen: 3.782 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.27 min
Lab File: VN056608.D
Acq: 8 Jul 2019 14:45

Tgt Ion:173 Resp: 1975
Ion Ratio Lower Upper
173 100
175 689.7 24.4 73.4#
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



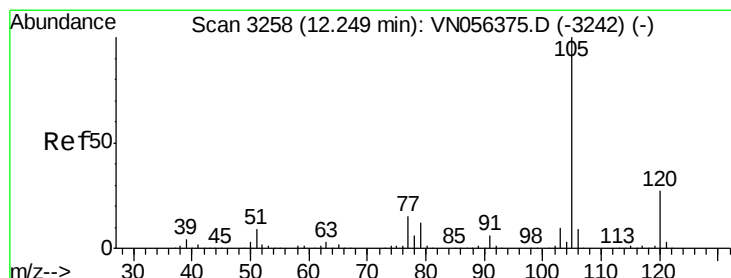
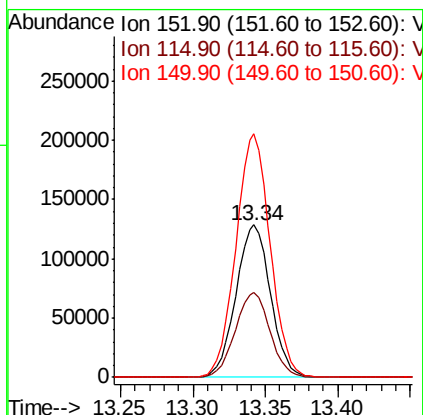
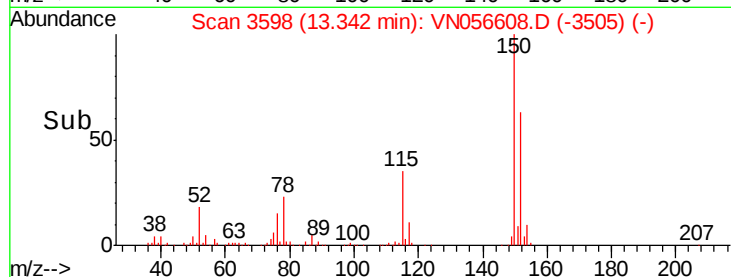
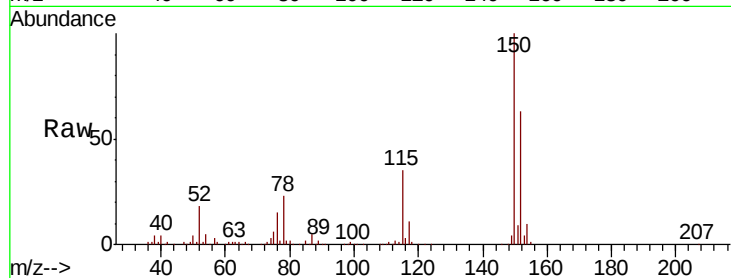


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056608.D
Acq: 8 Jul 2019 14:45

Instrument :
MSVOA_N
ClientSampled :
PB121169TB

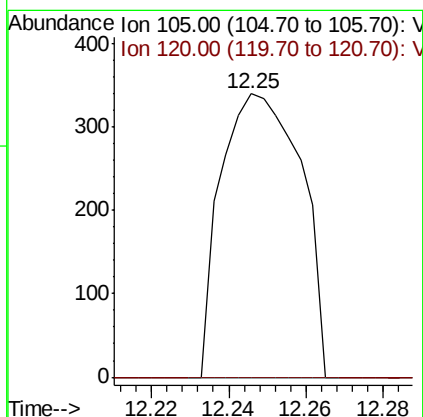
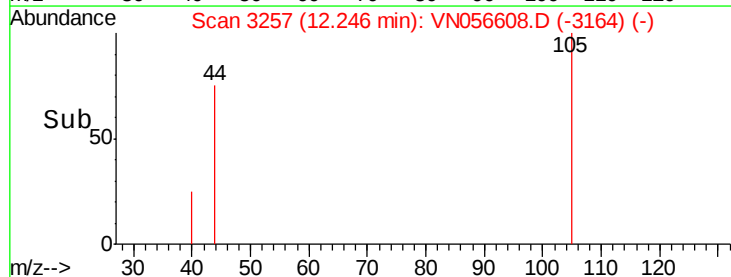
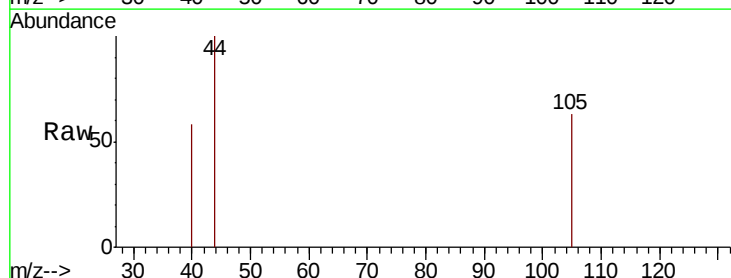
Tot Ion:152 Resp: 212099
Ion Ratio Lower Upper
152 100
115 56.0 28.1 84.4
150 158.7 0.0 348.4

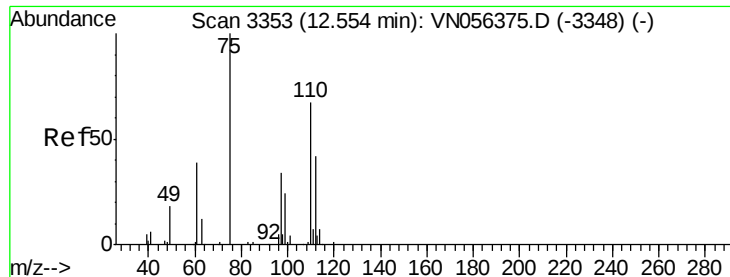


#73

Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VN056608.D
Acq: 8 Jul 2019 14:45

Tgt Ion:105 Resp: 490
Ion Ratio Lower Upper
105 100
120 0.0 13.4 40.2#





#76

1,2,3-Trichloropropane

Concen: 25.327 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.16 min

Lab File: VN056608.D

Acq: 8 Jul 2019 14:45

Instrument :

MSVOA_N

ClientSampled :

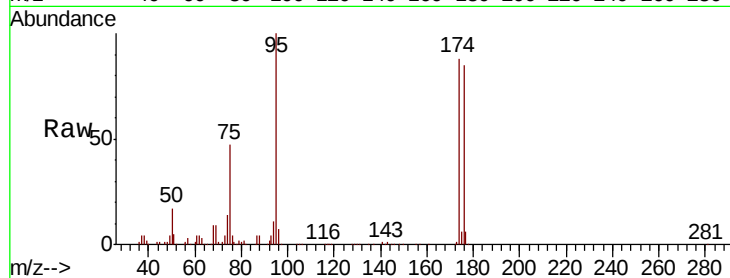
PB121169TB

Tot Ion: 75 Resp: 111385

Ion Ratio Lower Upper

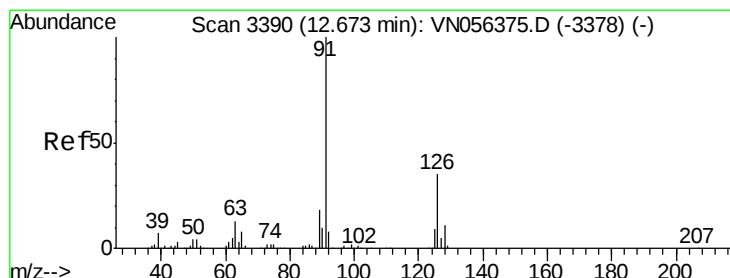
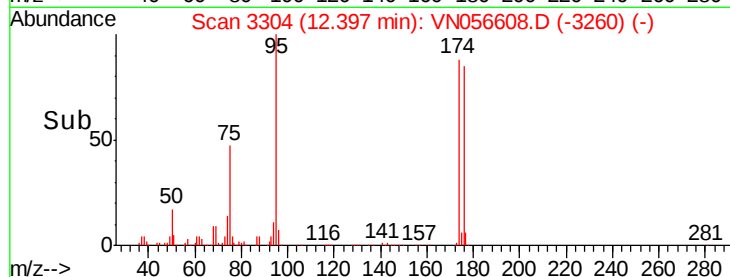
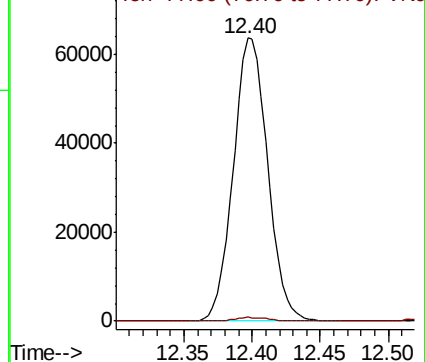
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3392

Delta R.T. 0.01 min

Lab File: VN056608.D

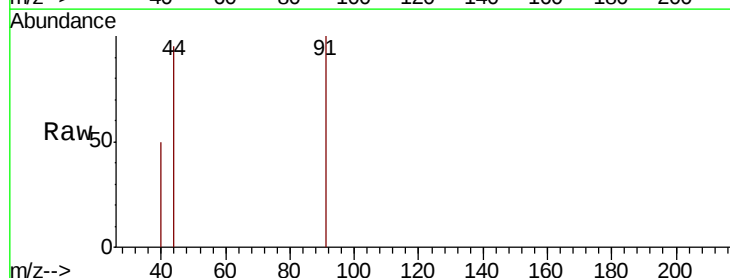
Acq: 8 Jul 2019 14:45

Tgt Ion: 91 Resp: 647

Ion Ratio Lower Upper

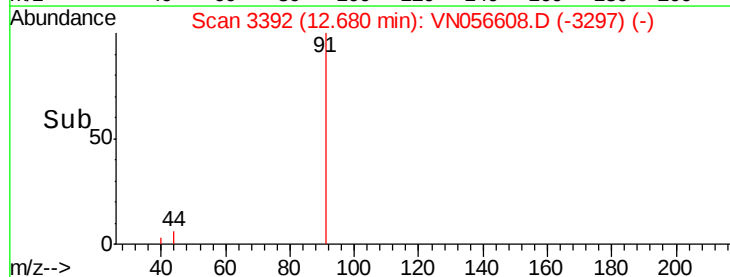
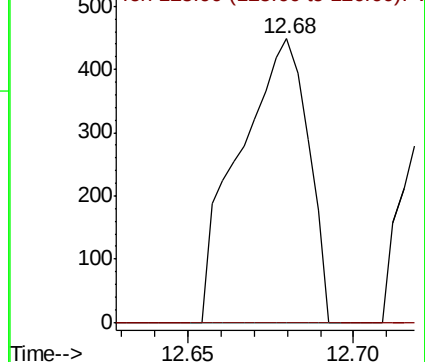
91 100

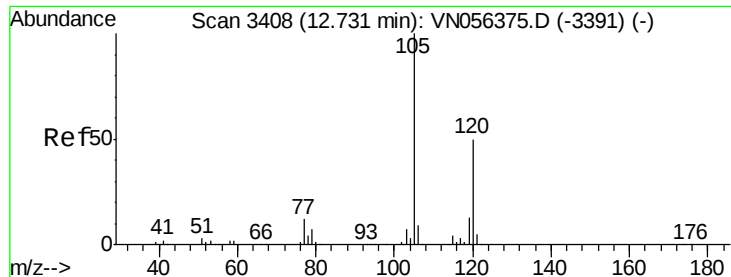
126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056608.D

Acq: 8 Jul 2019 14:45

Instrument :

MSVOA_N

ClientSampled :

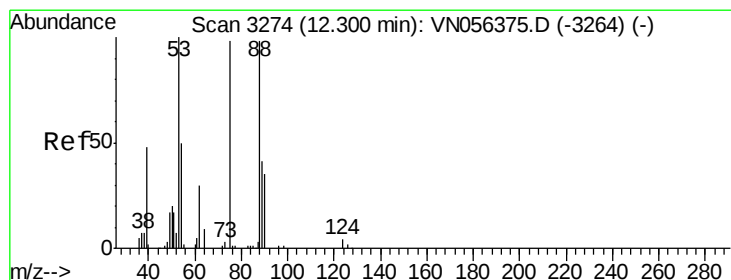
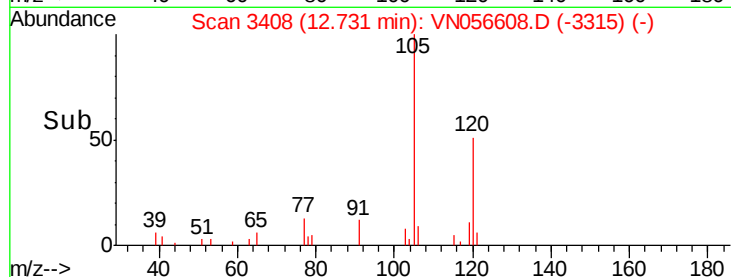
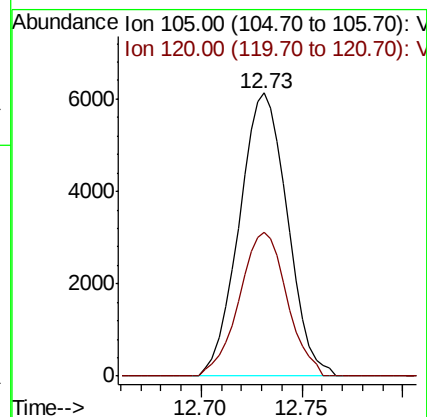
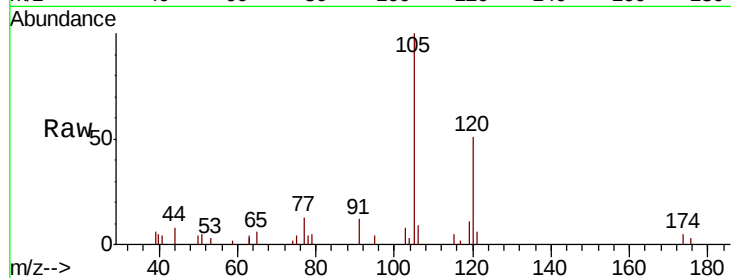
PB121169TB

Tot Ion:105 Resp: 10232

Ion Ratio Lower Upper

105 100

120 50.2 24.8 74.4



#81

trans-1,4-Dichloro-2-butene

Concen: 90.015 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN056608.D

Acq: 8 Jul 2019 14:45

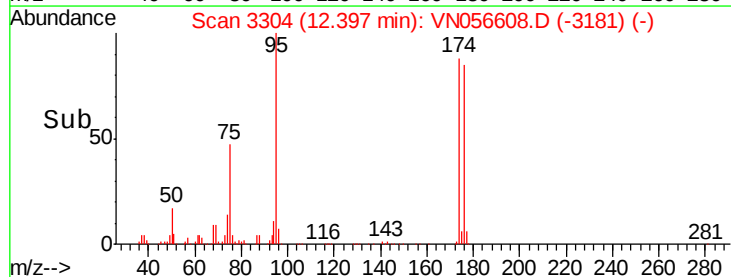
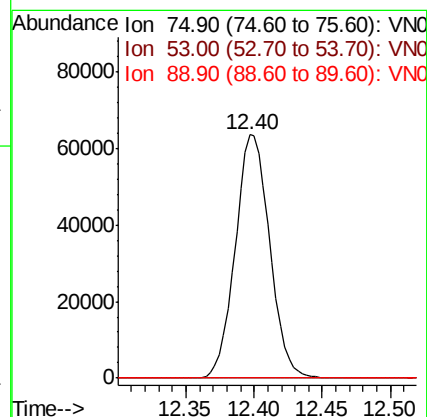
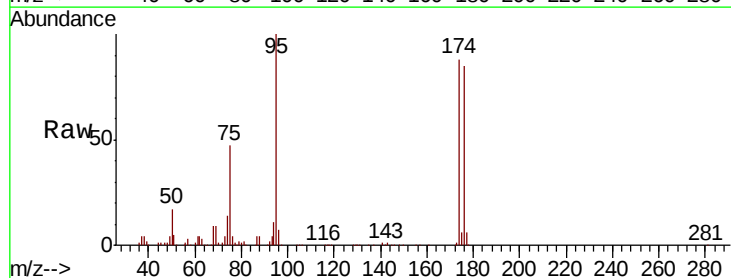
Tgt Ion: 75 Resp: 111385

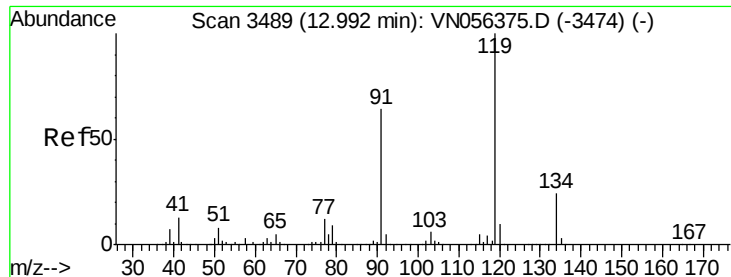
Ion Ratio Lower Upper

75 100

53 0.0 83.9 125.9#

89 0.0 35.0 52.6#

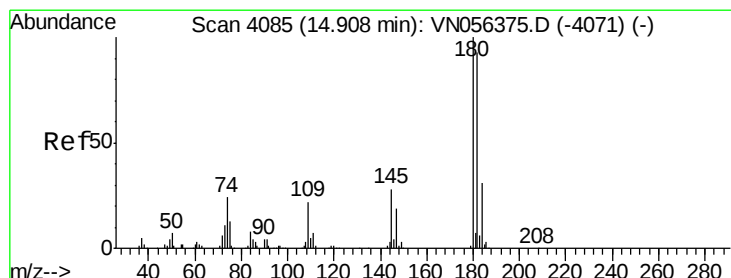
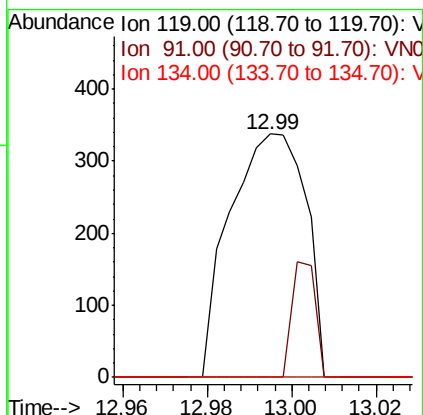
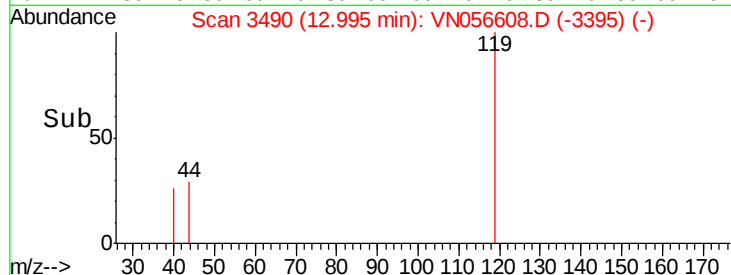
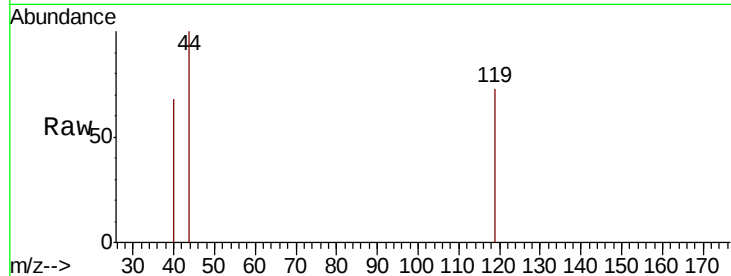




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN056608.D
 Acq: 8 Jul 2019 14:45

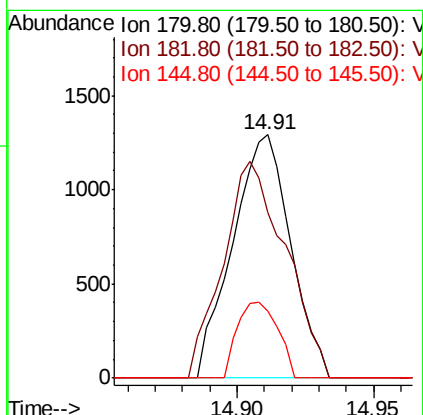
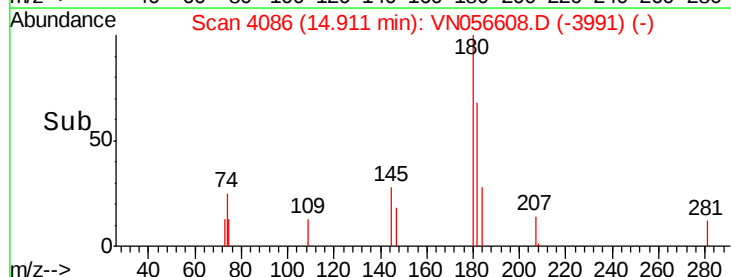
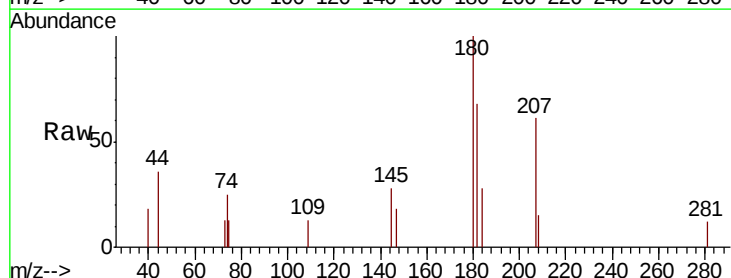
Instrument :
 MSVOA_N
 ClientSampleID :
 PB121169TB

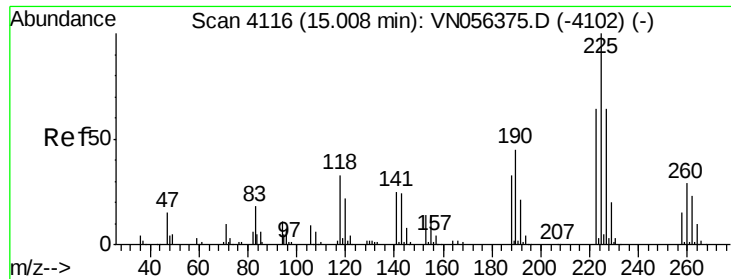
Tot Ion:119 Resp: 422
 Ion Ratio Lower Upper
 119 100
 91 14.5 31.6 94.7#
 134 0.0 13.2 39.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 6.069 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN056608.D
 Acq: 8 Jul 2019 14:45

Tgt Ion:180 Resp: 1901
 Ion Ratio Lower Upper
 180 100
 182 96.5 46.9 140.6
 145 21.8 14.4 43.0





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4114

Delta R.T. -0.01 min

Lab File: VN056608.D

Acq: 8 Jul 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

PB121169TB

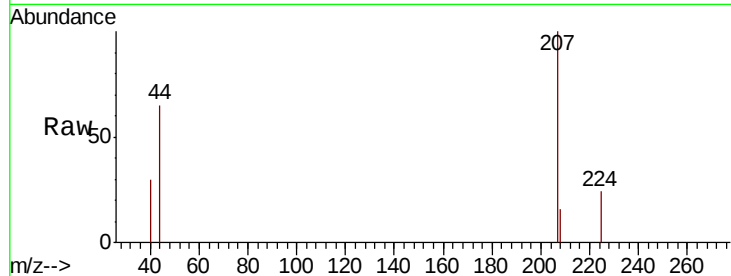
Tot Ion:225 Resp: 223

Ion Ratio Lower Upper

225 100

223 29.6 31.4 94.3#

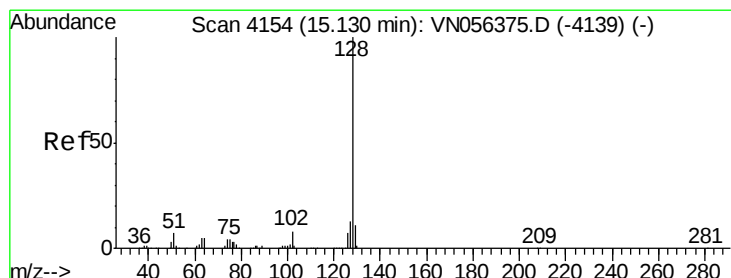
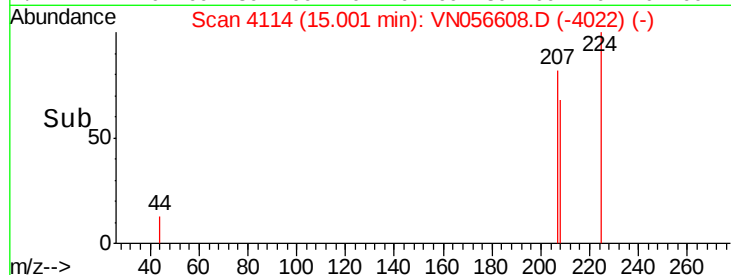
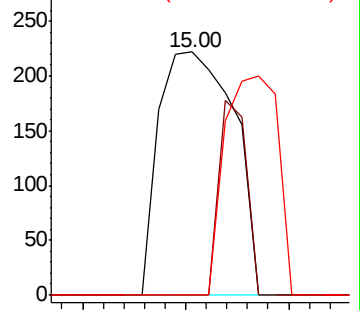
227 63.7 32.1 96.3



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



#95

Naphthalene

Concen: 5.773 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056608.D

Acq: 8 Jul 2019 14:45

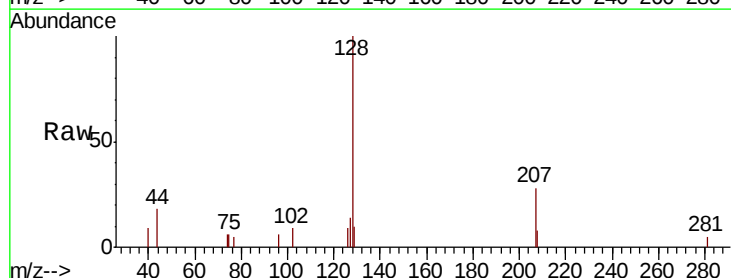
Tgt Ion:128 Resp: 5724

Ion Ratio Lower Upper

128 100

127 9.9 10.2 15.2#

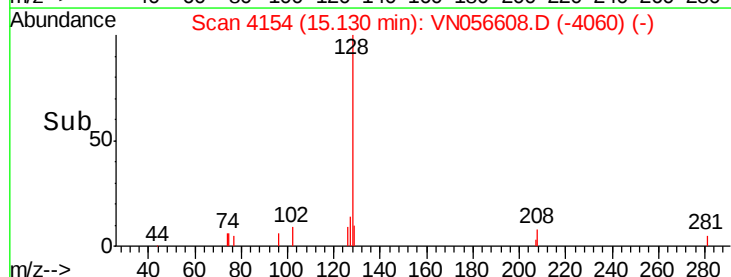
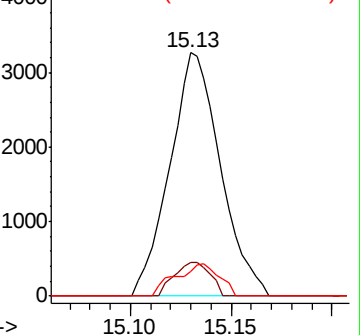
129 11.5 8.6 12.8

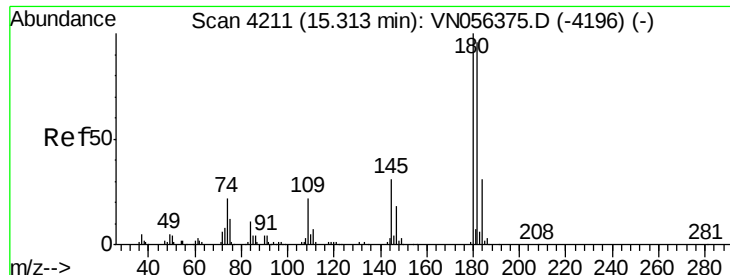


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 5.077 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. -0.00 min
 Lab File: VN056608.D
 Acq: 8 Jul 2019 14:45

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121169TB

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.3	48.3	144.8
145	22.9	15.4	46.1

