

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053473.D
 Acq On : 18 Jan 2019 15:43
 Operator : JC/SP
 Sample : PB116471TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116471TB

Quant Time: Jan 19 00:22:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	882760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1388760	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1286197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	546872	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	451139	51.71	ug/l	0.00
Spiked Amount			Recovery	=	103.42%	
35) Dibromofluoromethane	7.59	113	411500	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	
50) Toluene-d8	10.09	98	1718137	51.26	ug/l	0.00
Spiked Amount			Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.40	95	572222	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	

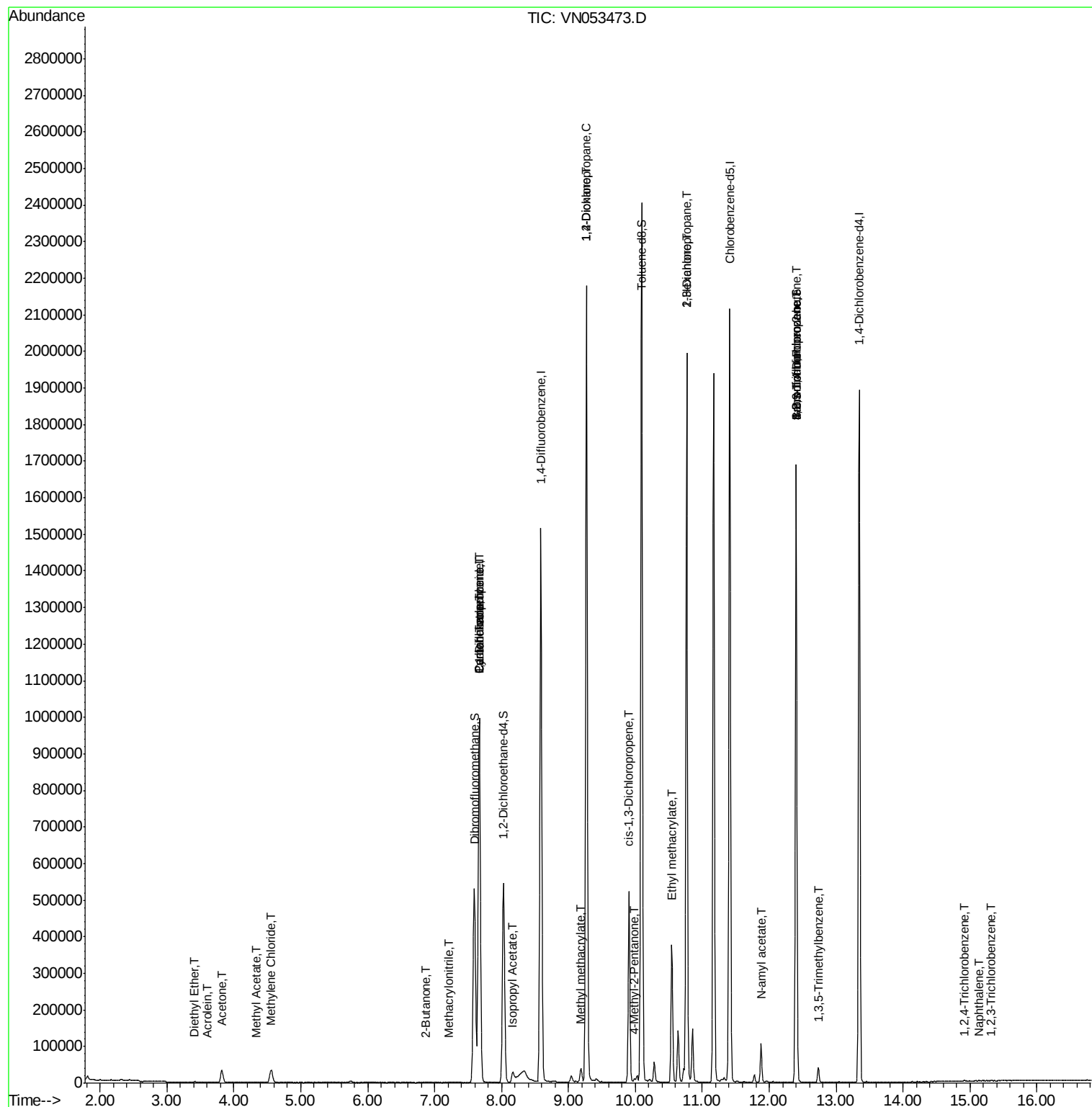
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	1301	0.271	ug/l	69
13) Acrolein	3.61	56	164	22.917	ug/l #	14
16) Acetone	3.82	43	57047	27.867	ug/l	97
18) Methyl Acetate	4.33	43	2874	0.417	ug/l #	75
20) Methylene Chloride	4.56	84	28419	3.041	ug/l	91
25) 2-Butanone	6.85	43	1579	0.501	ug/l #	47
31) Cyclohexane	7.66	56	13469	0.658	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	57195	4.522	ug/l #	48
38) Carbon Tetrachloride	7.67	117	76816	6.415	ug/l #	16
41) Methacrylonitrile	7.21	41	324	0.741	ug/l #	41
43) Isopropyl Acetate	8.17	43	40211	3.073	ug/l #	84
45) 1,2-Dichloropropane	9.27	63	2666	0.262	ug/l #	43
48) Methyl methacrylate	9.18	41	12699	1.880	ug/l #	12
49) 1,4-Dioxane	9.27	88	288	4.365	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	5980	0.837	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	97629	6.680	ug/l #	62
56) Ethyl methacrylate	10.55	69	1484	2.180	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	21390	1.503	ug/l #	43
59) 2-Hexanone	10.77	43	277963	55.438	ug/l #	49
71) Bromoform	12.40	173	4048	0.621	ug/l #	1
74) N-amyl acetate	11.88	43	32432	3.038	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	265934	36.901	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	21140	0.649	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	265934	91.189	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.91	180	595	2.841	ug/l #	88
95) Naphthalene	15.14	128	1359	4.033	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.31	180	416	3.974	ug/l #	64

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

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Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053473.D

Acq: 18 Jan 2019 15:43

Instrument :

MSVOA_N

ClientSampleId :

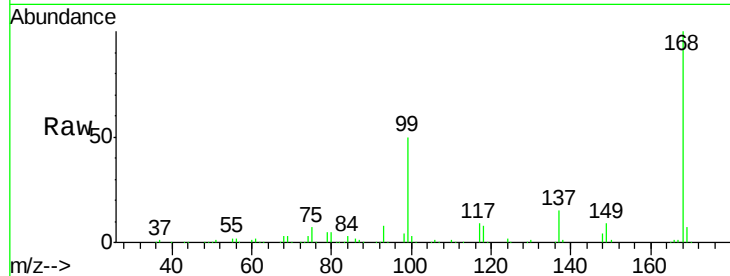
PB116471TB

Tot Ion:168 Resp: 882760

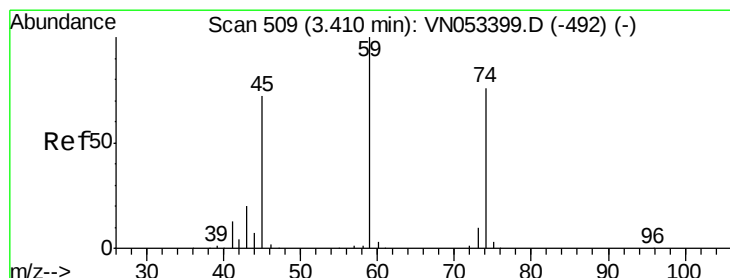
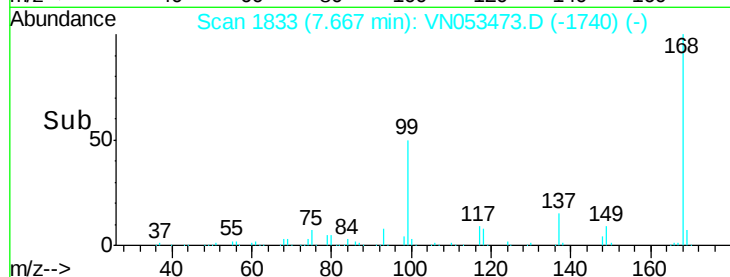
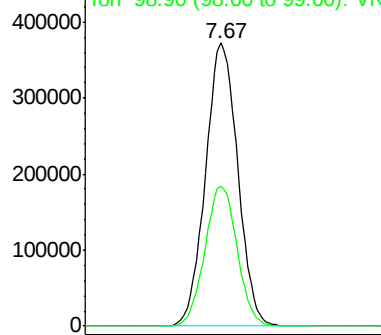
Ion Ratio Lower Upper

168 100

99 49.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053399.D (-1812) (-)



#8

Diethyl Ether

Concen: 0.271 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN053473.D

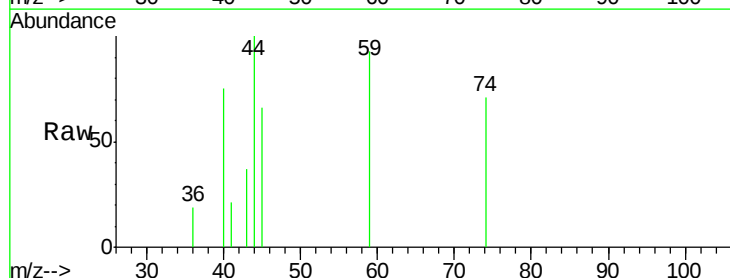
Acq: 18 Jan 2019 15:43

Tgt Ion: 74 Resp: 1301

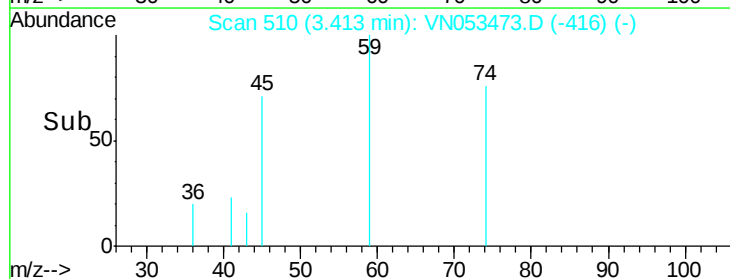
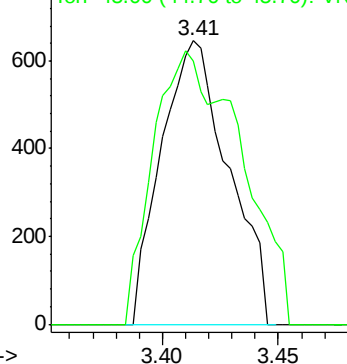
Ion Ratio Lower Upper

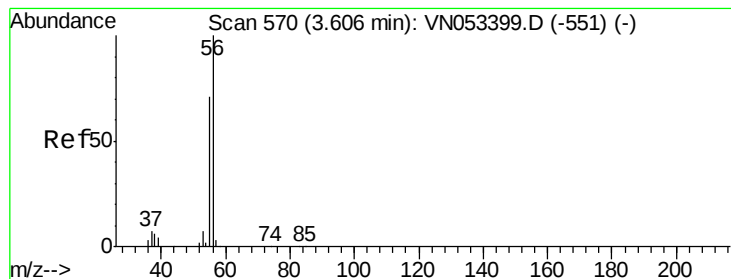
74 100

45 126.1 47.9 143.7



Abundance Ion 74.00 (73.70 to 74.70): VN053399.D (-492) (-)





#13

Acrolein

Concen: 22.917 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053473.D

Acq: 18 Jan 2019 15:43

Instrument :

MSVOA_N

ClientSampled :

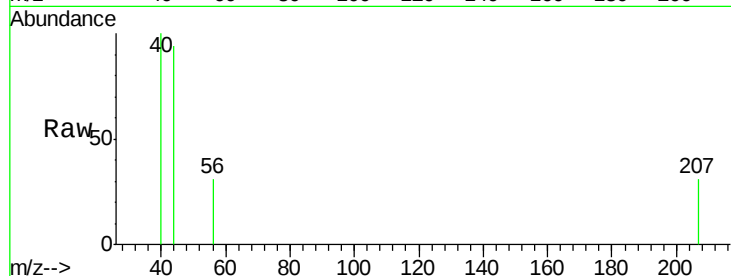
PB116471TB

Tot Ion: 56 Resp: 164

Ion Ratio Lower Upper

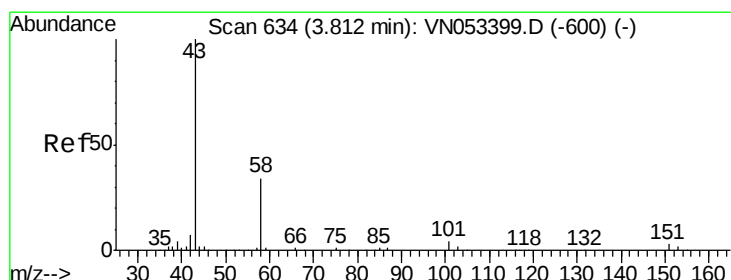
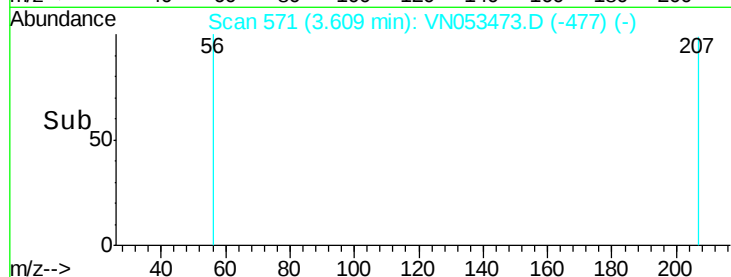
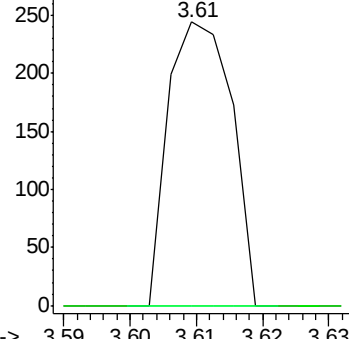
56 100

55 0.0 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 27.867 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053473.D

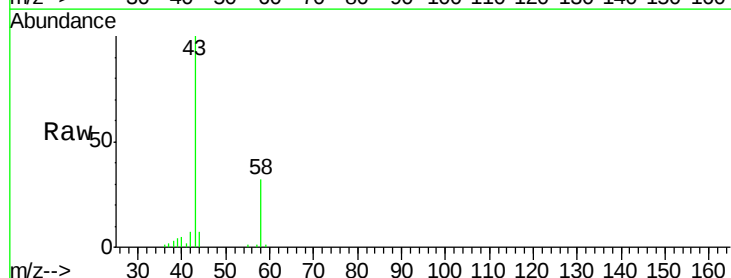
Acq: 18 Jan 2019 15:43

Tgt Ion: 43 Resp: 57047

Ion Ratio Lower Upper

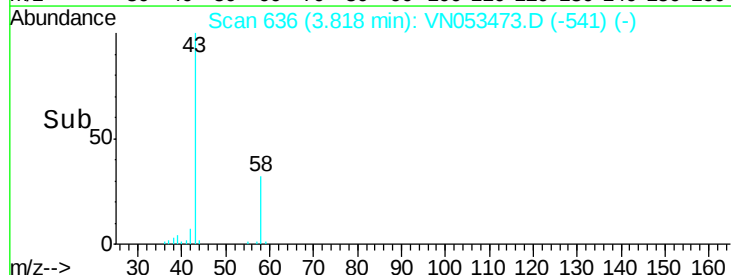
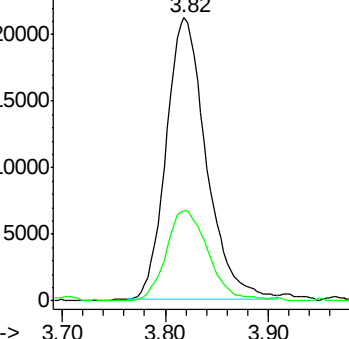
43 100

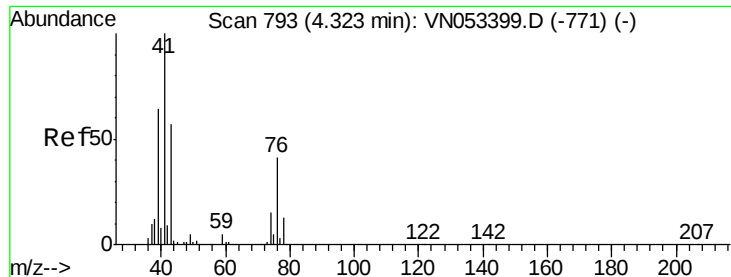
58 32.2 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

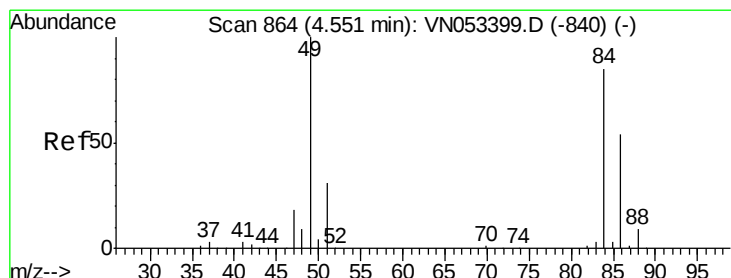
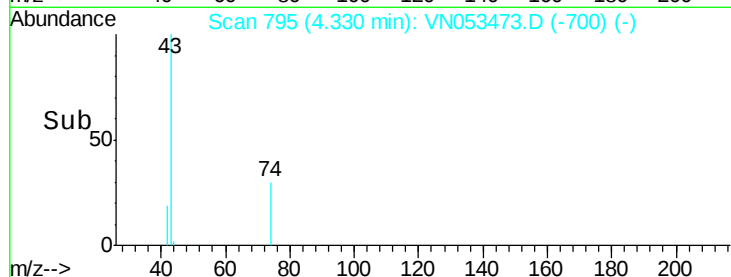
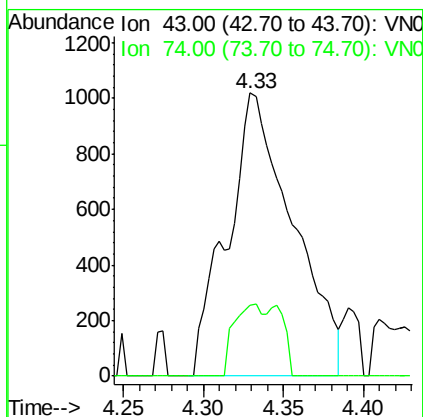
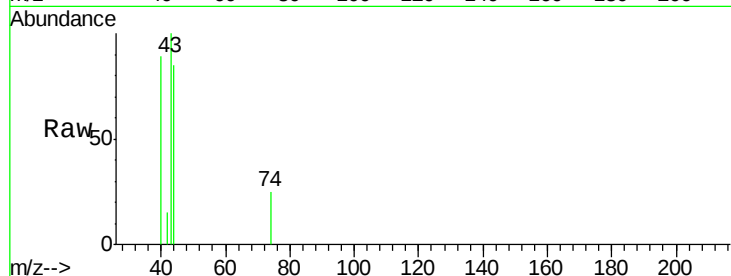




#18
Methyl Acetate
Concen: 0.417 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053473.D
Acq: 18 Jan 2019 15:43

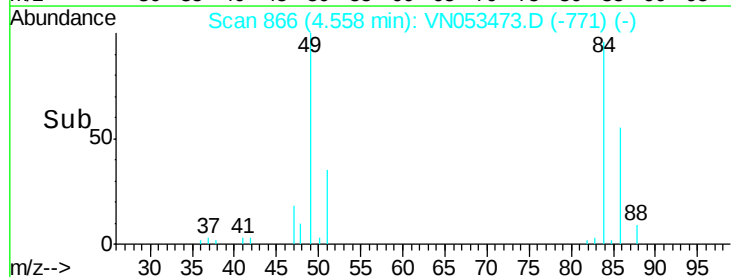
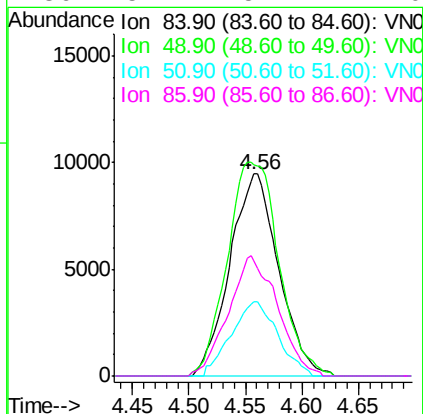
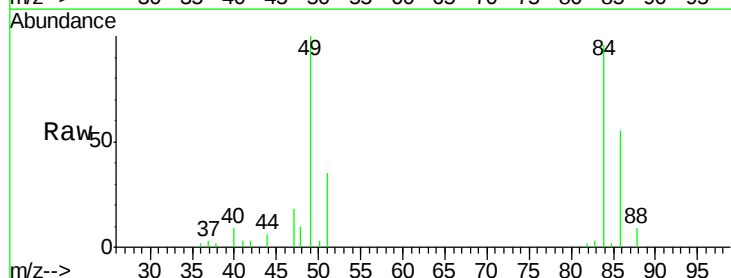
Instrument :
MSVOA_N
ClientSampled :
PB116471TB

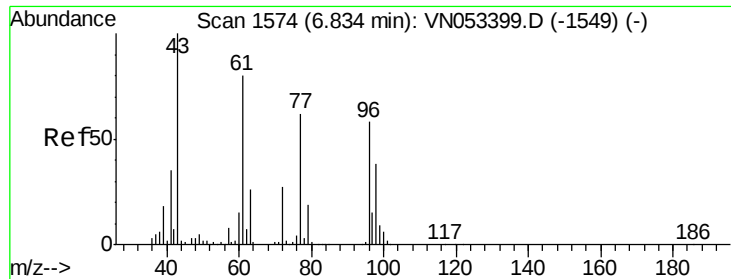
Tot Ion: 43 Resp: 2874
Ion Ratio Lower Upper
43 100
74 12.0 19.4 29.2#



#20
Methylene Chloride
Concen: 3.041 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053473.D
Acq: 18 Jan 2019 15:43

Tgt Ion: 84 Resp: 28419
Ion Ratio Lower Upper
84 100
49 104.6 94.3 141.5
51 36.6 29.4 44.2
86 57.1 51.4 77.0

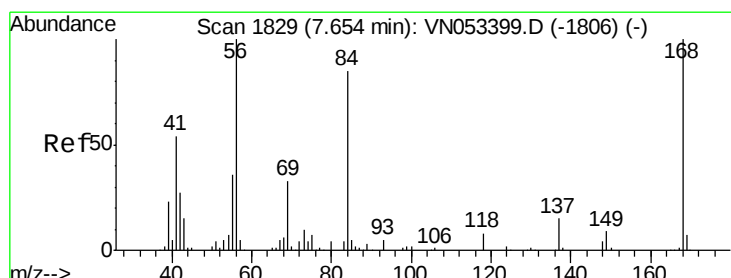
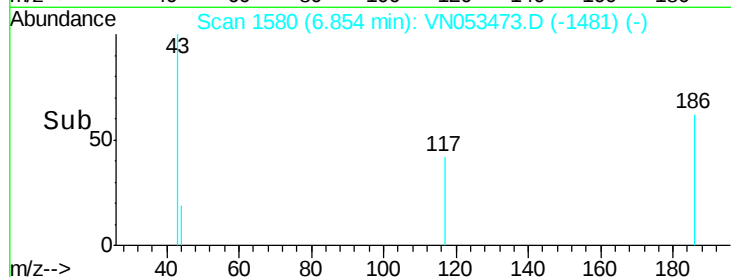
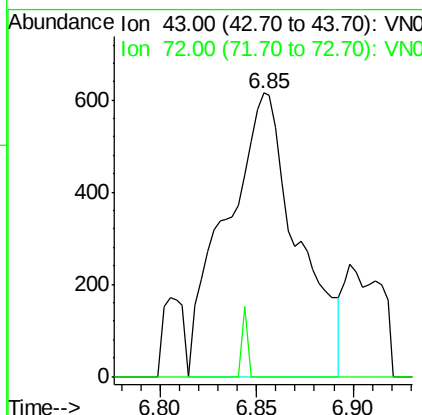
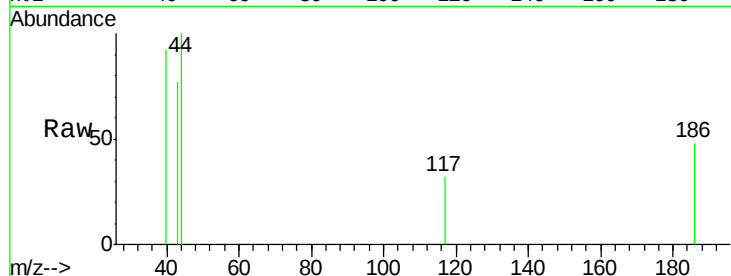




#25
2-Butanone
Concen: 0.501 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN053473.D
Acq: 18 Jan 2019 15:43

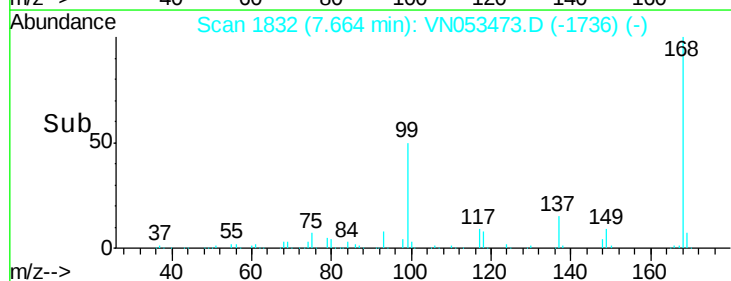
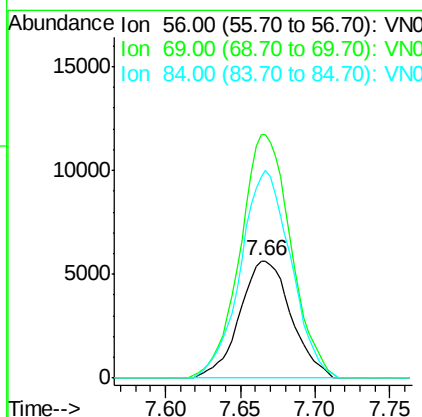
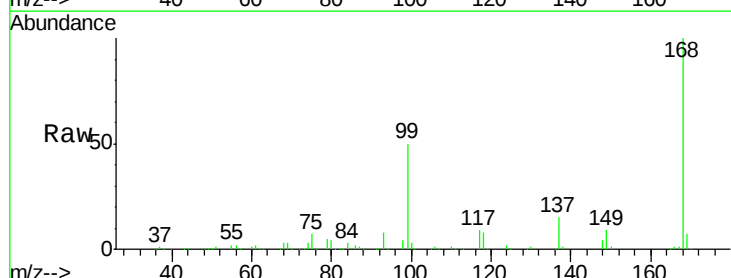
Instrument :
MSVOA_N
ClientSampleId :
PB116471TB

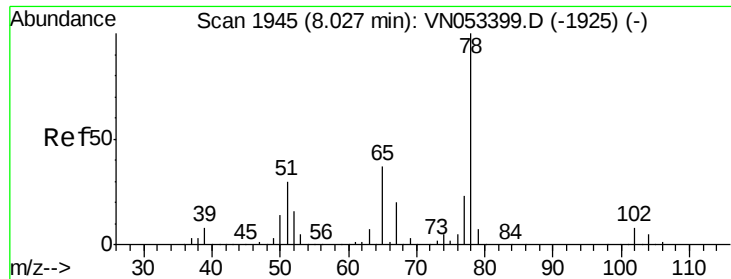
Tot Ion: 43 Resp: 1579
Ion Ratio Lower Upper
43 100
72 0.0 22.0 33.0#



#31
Cyclohexane
Concen: 0.658 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN053473.D
Acq: 18 Jan 2019 15:43

Tgt Ion: 56 Resp: 13469
Ion Ratio Lower Upper
56 100
69 207.2 26.4 39.6#
84 171.7 67.9 101.9#

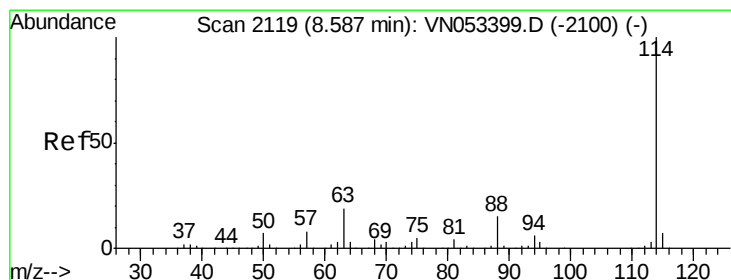
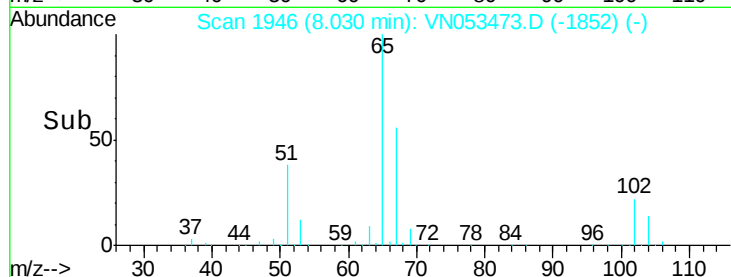
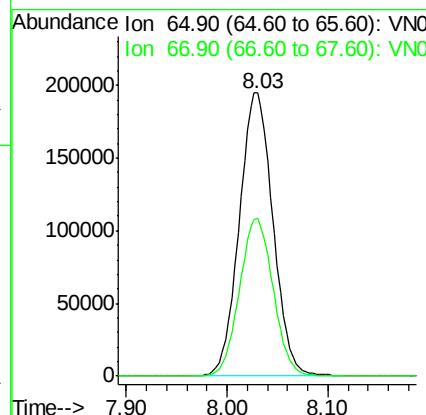
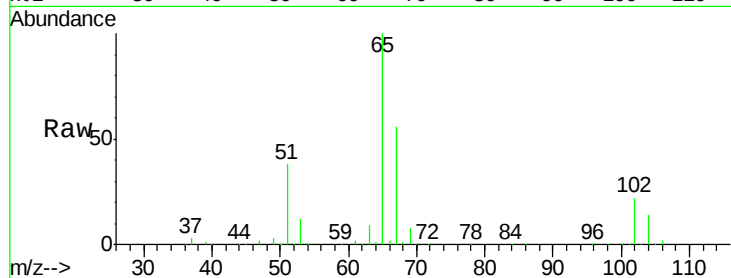




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN053473.D
 Acq: 18 Jan 2019 15:43

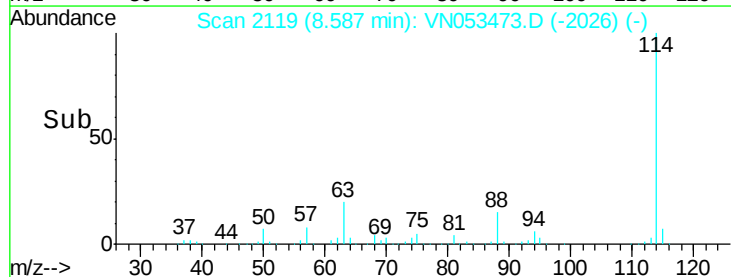
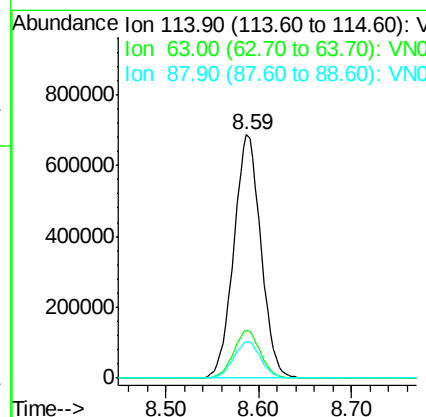
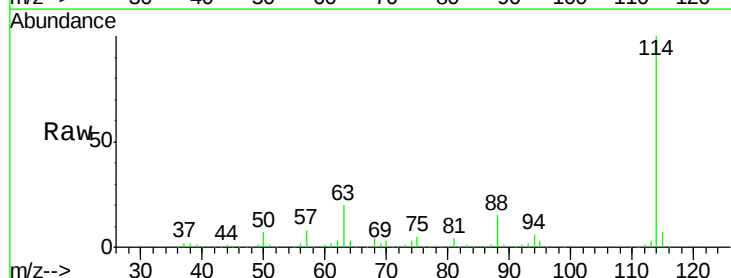
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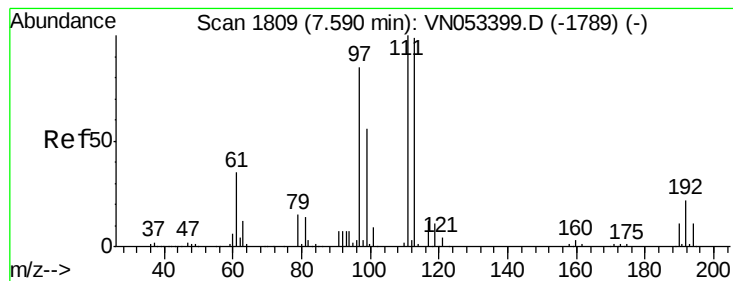
Tot Ion: 65 Resp: 451139
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053473.D
 Acq: 18 Jan 2019 15:43

Tgt Ion: 114 Resp: 1388760
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.6
 88 15.1 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053473.D

Acq: 18 Jan 2019 15:43

Instrument :

MSVOA_N

ClientSampleId :

PB116471TB

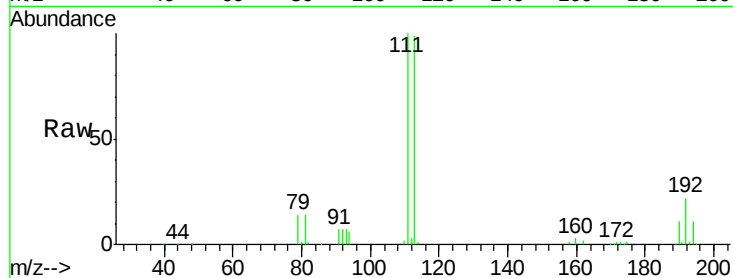
Tot Ion:113 Resp: 411500

Ion Ratio Lower Upper

113 100

111 102.5 81.1 121.7

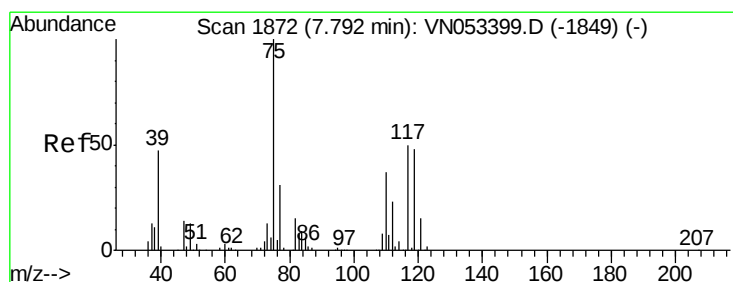
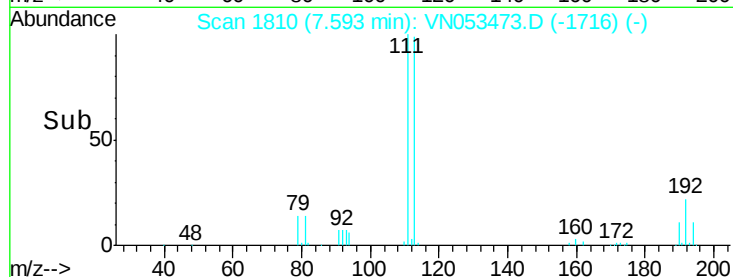
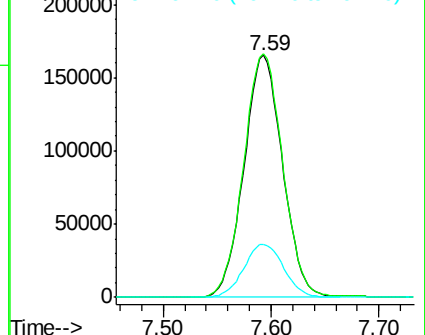
192 22.7 18.2 27.2



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: 4.522 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053473.D

Acq: 18 Jan 2019 15:43

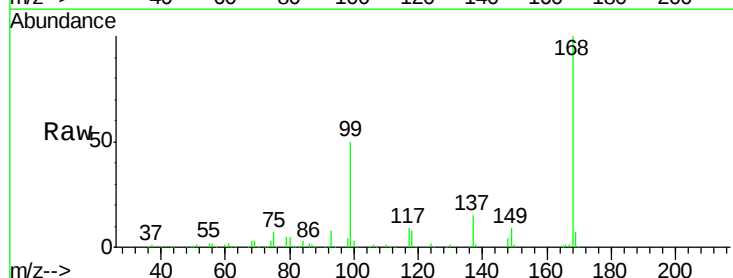
Tgt Ion: 75 Resp: 57195

Ion Ratio Lower Upper

75 100

110 8.3 18.1 54.3#

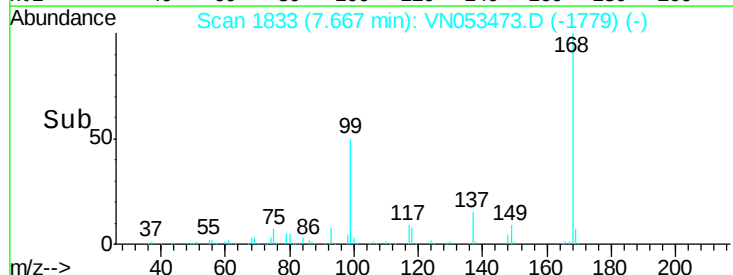
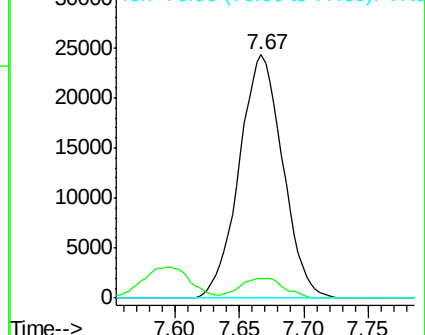
77 0.0 25.1 37.7#

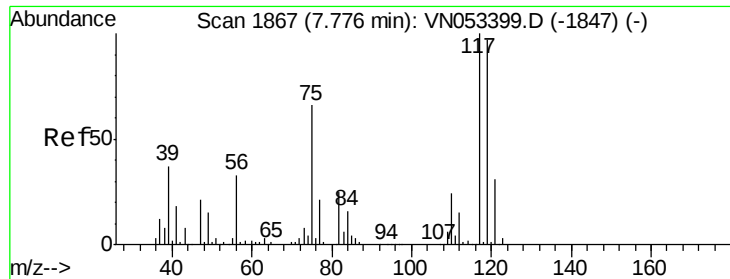


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.415 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053473.D

Acq: 18 Jan 2019 15:43

Instrument :

MSVOA_N

ClientSampleId :

PB116471TB

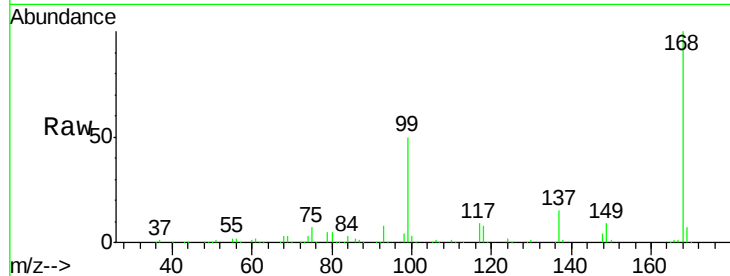
Tot Ion:117 Resp: 76816

Ion Ratio Lower Upper

117 100

119 5.1 77.2 115.8#

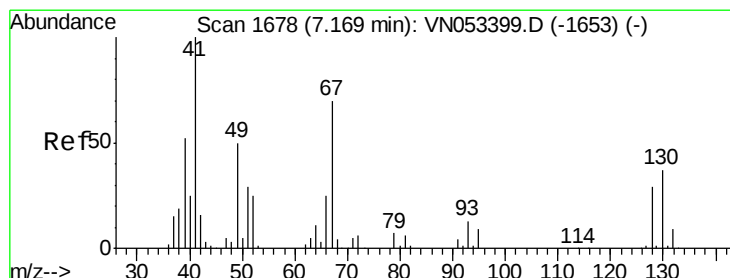
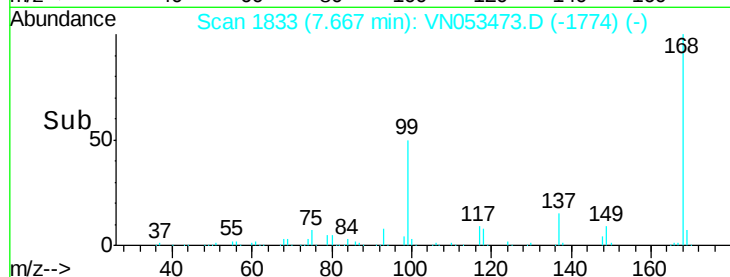
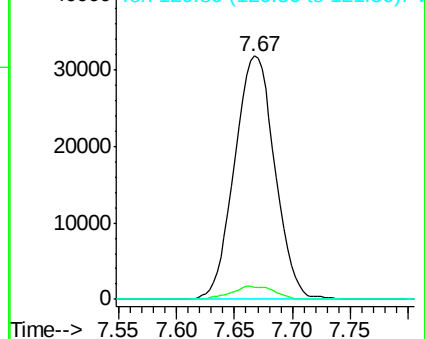
121 0.0 24.6 37.0#



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: 0.741 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.05 min

Lab File: VN053473.D

Acq: 18 Jan 2019 15:43

Tgt Ion: 41 Resp: 324

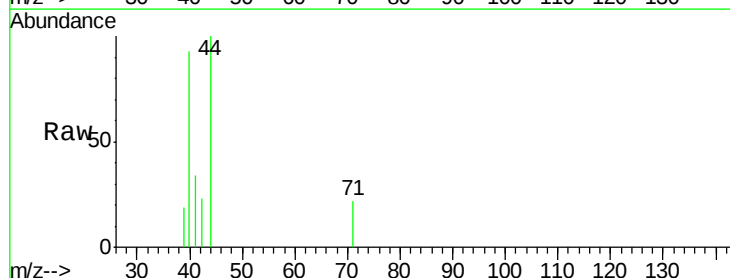
Ion Ratio Lower Upper

41 100

39 43.8 46.8 70.2#

67 0.0 63.0 94.6#

52 0.0 23.8 35.8#

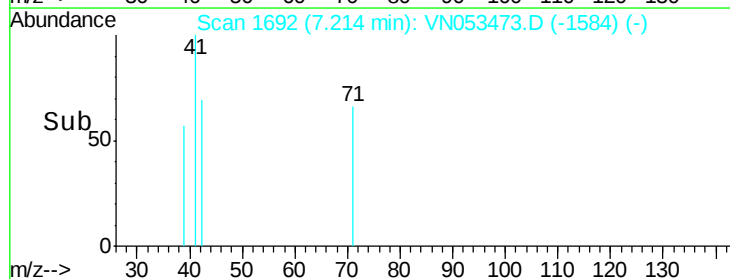
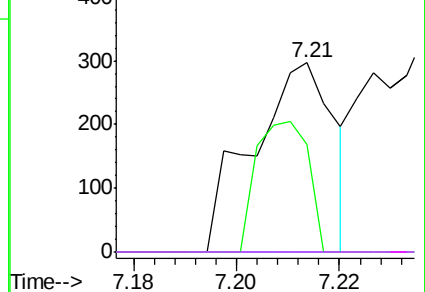


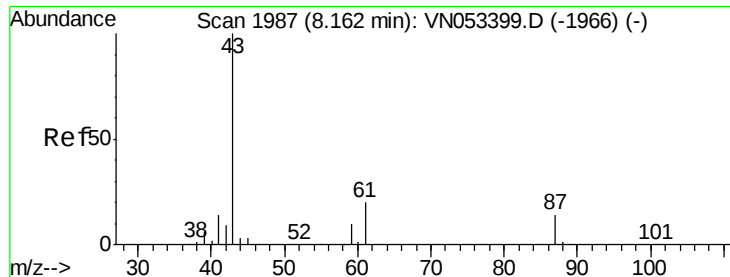
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 3.073 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053473.D

Acq: 18 Jan 2019 15:43

Instrument :

MSVOA_N

ClientSampleId :

PB116471TB

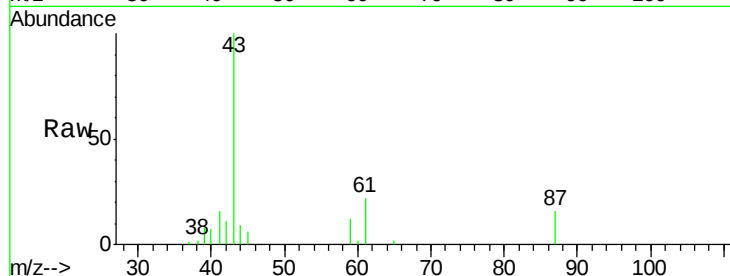
Tot Ion: 43 Resp: 40211

Ion Ratio Lower Upper

43 100

61 18.3 23.9 35.9#

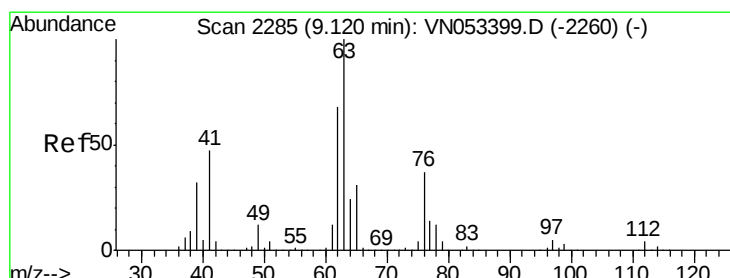
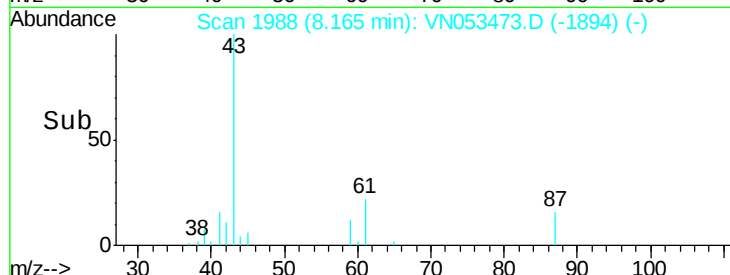
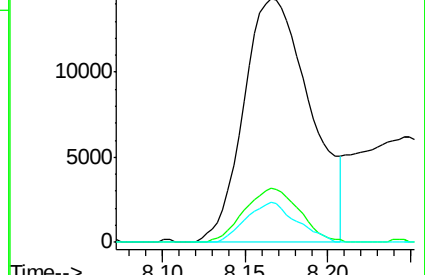
87 12.4 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN053399.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN053399.D (-1966) (-)



#45

1,2-Dichloropropane

Concen: 0.262 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN053473.D

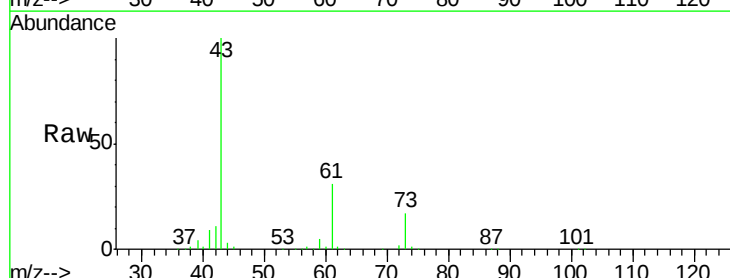
Acq: 18 Jan 2019 15:43

Tgt Ion: 63 Resp: 2666

Ion Ratio Lower Upper

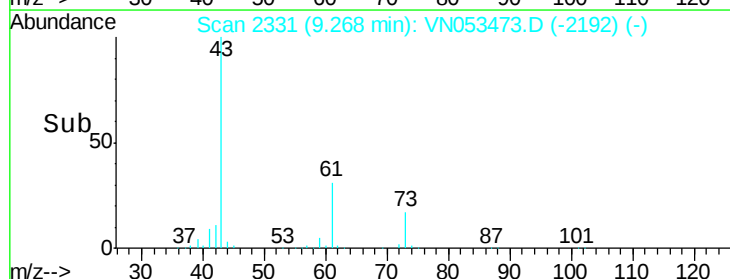
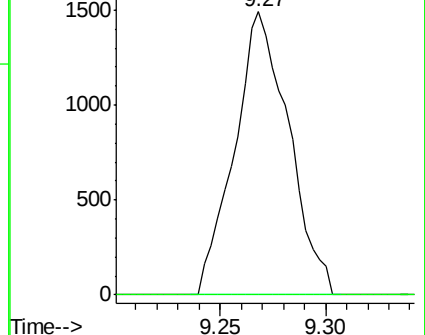
63 100

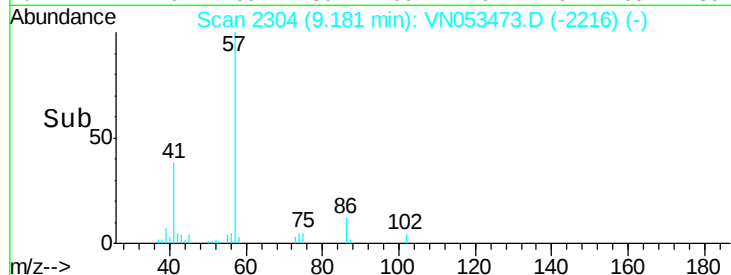
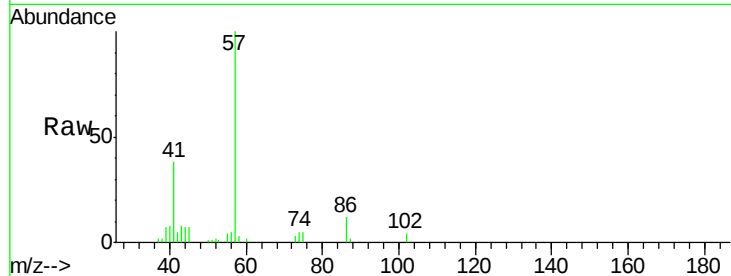
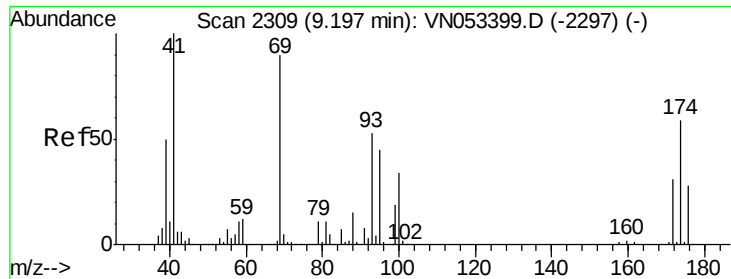
65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN053399.D (-2260) (-)

Ion 64.90 (64.60 to 65.60): VN053399.D (-2260) (-)

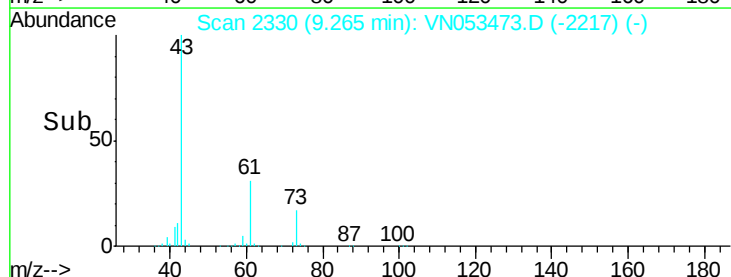
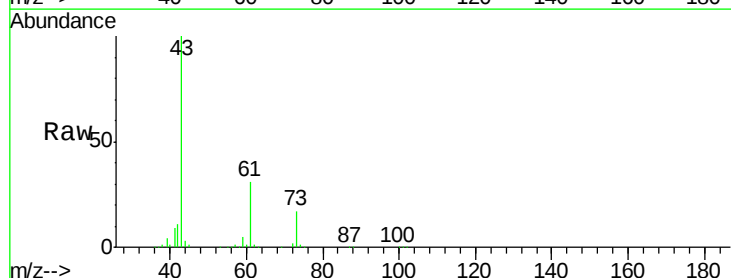
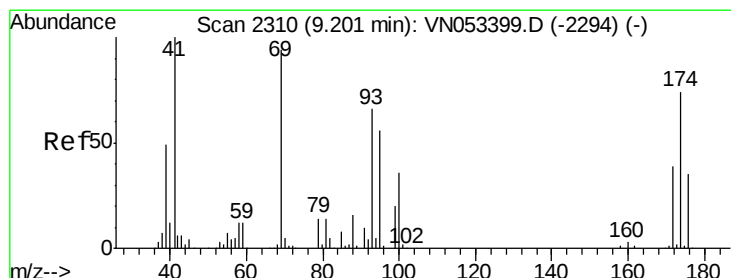
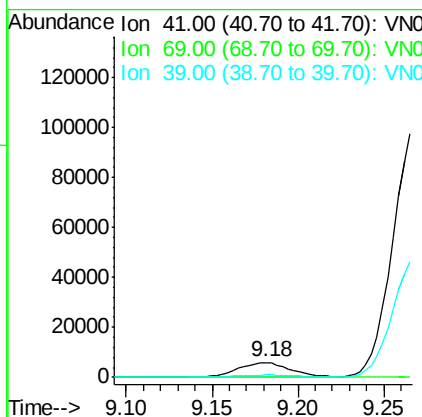




#48
Methyl methacrylate
Concen: 1.880 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN053473.D
Acq: 18 Jan 2019 15:43

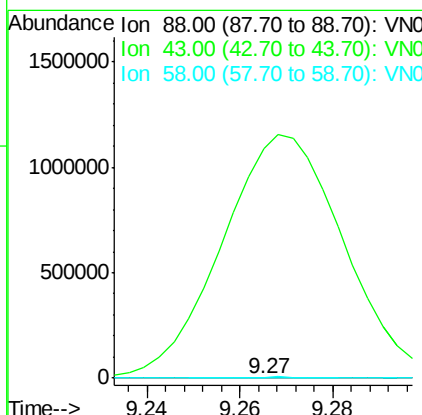
Instrument :
MSVOA_N
ClientSampleId :
PB116471TB

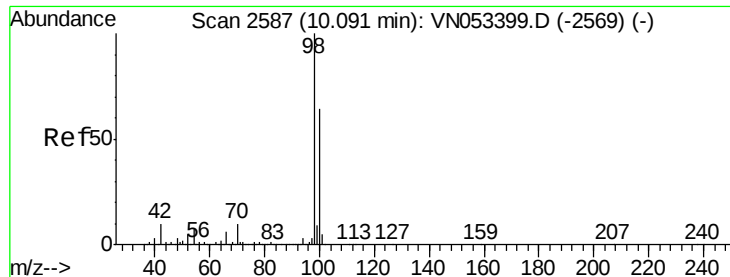
Tot Ion: 41 Resp: 12699
Ion Ratio Lower Upper
41 100
69 0.0 73.8 110.6#
39 0.0 40.0 60.0#



#49
1,4-Dioxane
Concen: 4.365 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.06 min
Lab File: VN053473.D
Acq: 18 Jan 2019 15:43

Tgt Ion: 88 Resp: 288
Ion Ratio Lower Upper
88 100
43 740485.1 27.8 41.6#
58 3455.9 56.5 84.7#





#50

Toluene-d8

Concen: 4.365 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053473.D

Acq: 18 Jan 2019 15:43

Instrument :

MSVOA_N

ClientSampled :

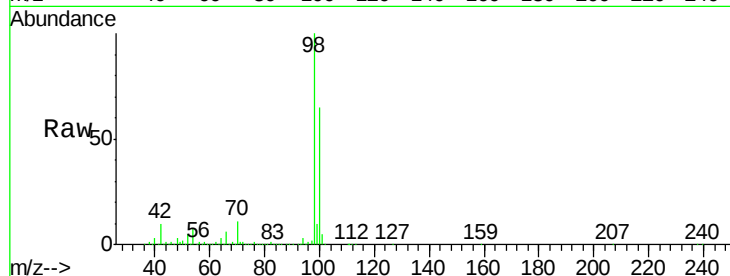
PB116471TB

Tot Ion: 98 Resp: 1718137

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

800000

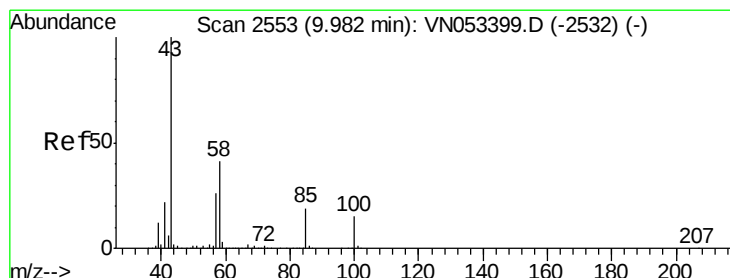
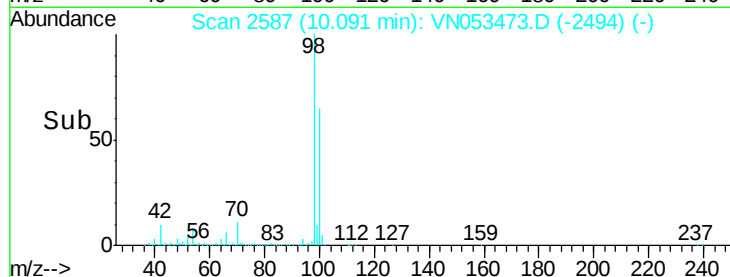
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.837 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN053473.D

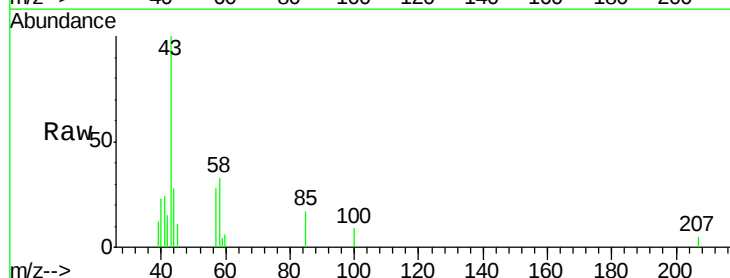
Acq: 18 Jan 2019 15:43

Tgt Ion: 43 Resp: 5980

Ion Ratio Lower Upper

43 100

58 42.4 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10000

8000

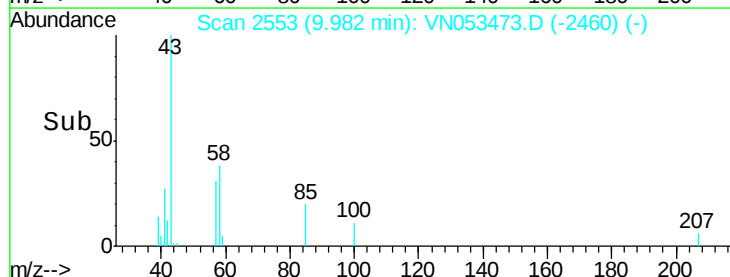
6000

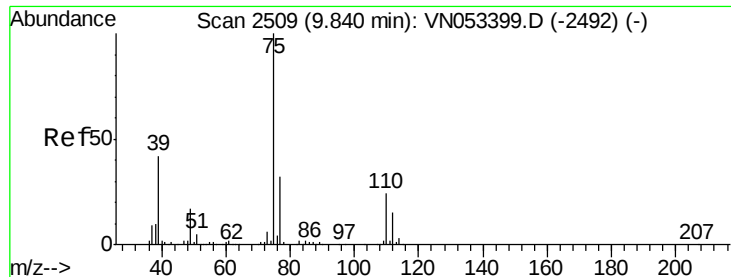
4000

2000

0

Time-->





#54

cis-1,3-Dichloropropene

Concen: 6.680 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053473.D

Acq: 18 Jan 2019 15:43

Instrument :

MSVOA_N

ClientSampleId :

PB116471TB

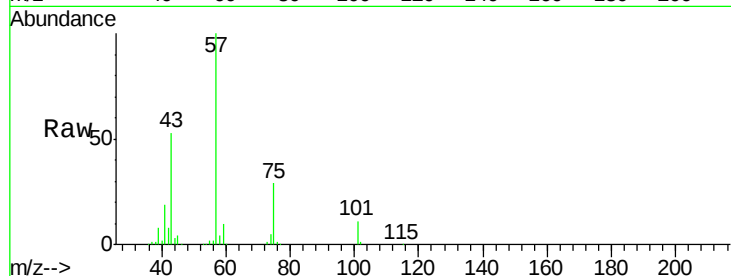
Tot Ion: 75 Resp: 97629

Ion Ratio Lower Upper

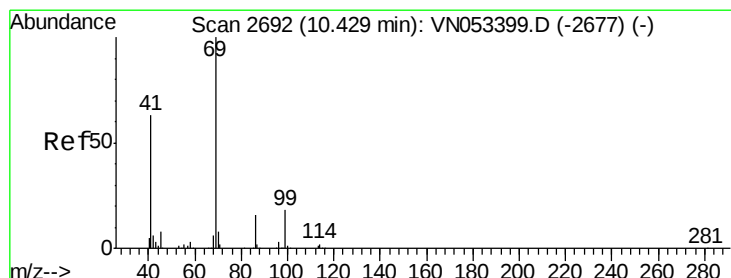
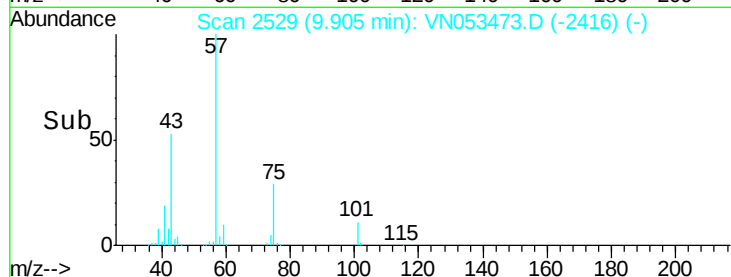
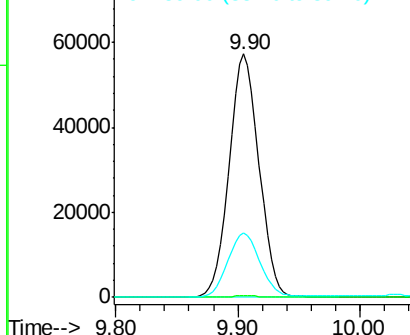
75 100

77 0.5 25.8 38.6#

39 26.4 33.4 50.0#



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



#56

Ethyl methacrylate

Concen: 2.180 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN053473.D

Acq: 18 Jan 2019 15:43

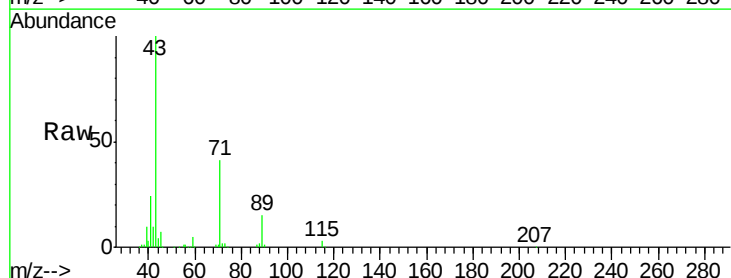
Tgt Ion: 69 Resp: 1484

Ion Ratio Lower Upper

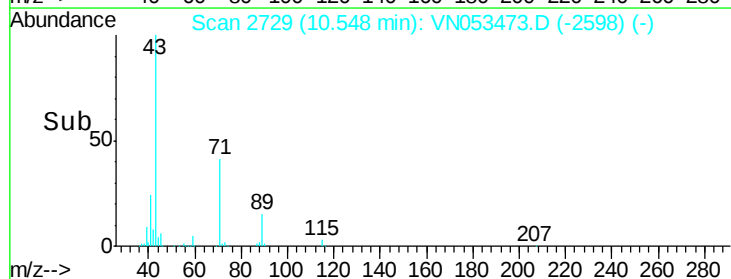
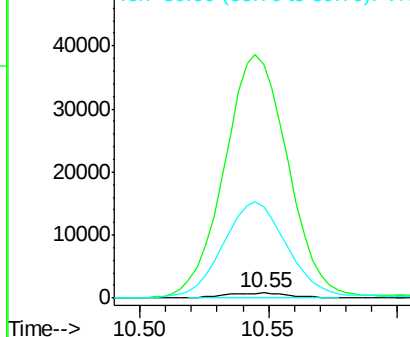
69 100

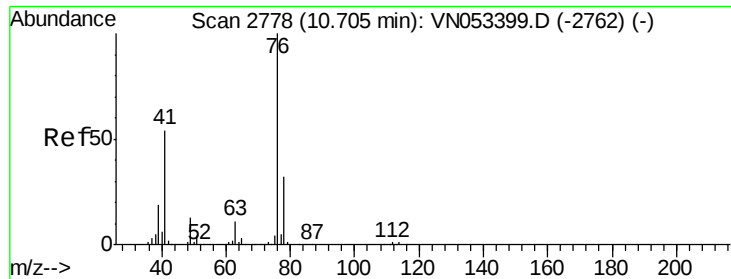
41 4501.5 49.4 74.0#

39 1823.9 23.3 34.9#



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





#57

1,3-Dichloropropane

Concen: 1.503 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053473.D

Acq: 18 Jan 2019 15:43

Instrument :

MSVOA_N

ClientSampleId :

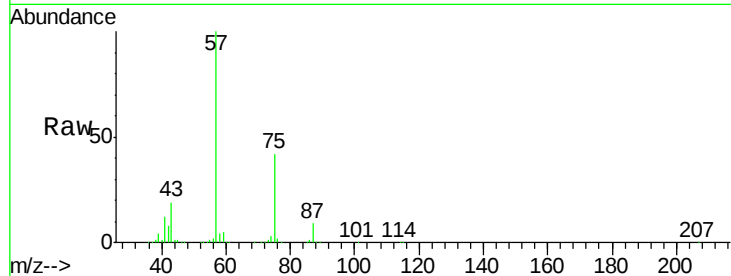
PB116471TB

Tot Ion: 76 Resp: 21390

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.76

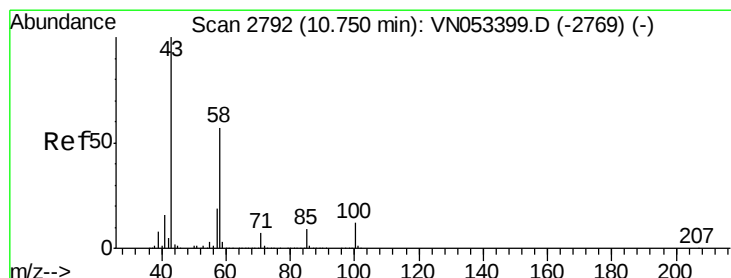
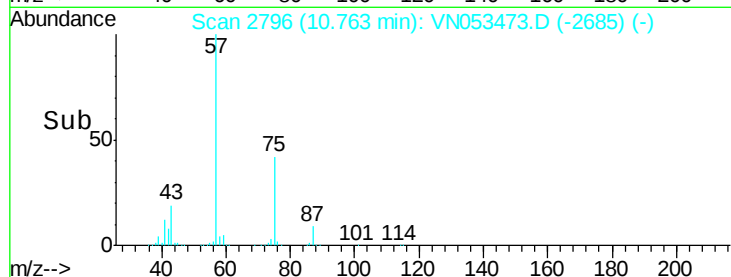
15000

10000

5000

0

Time--> 10.70 10.75 10.80



#59

2-Hexanone

Concen: 55.438 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.02 min

Lab File: VN053473.D

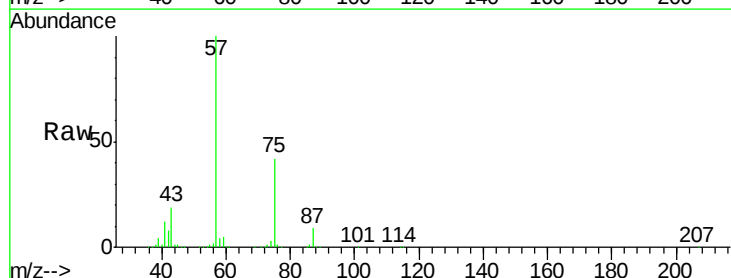
Acq: 18 Jan 2019 15:43

Tgt Ion: 43 Resp: 277963

Ion Ratio Lower Upper

43 100

58 19.9 28.6 85.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.77

200000

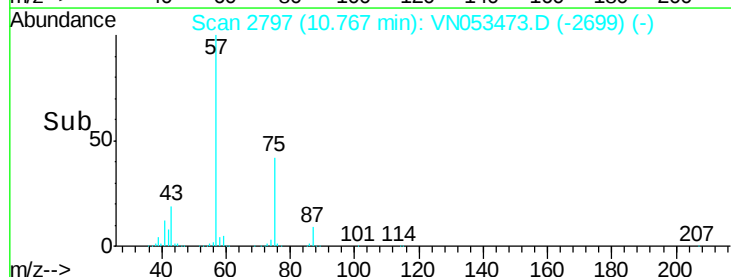
150000

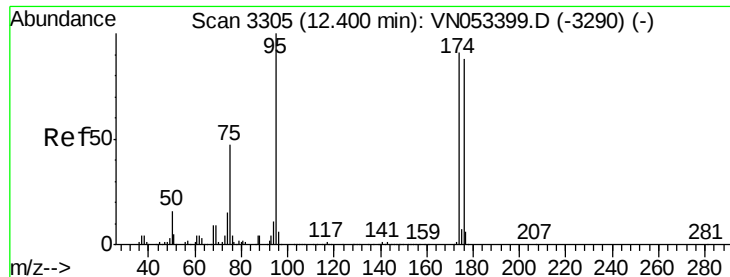
100000

50000

0

Time--> 10.70 10.75 10.80





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053473.D

Acq: 18 Jan 2019 15:43

Instrument :

MSVOA_N

ClientSampleId :

PB116471TB

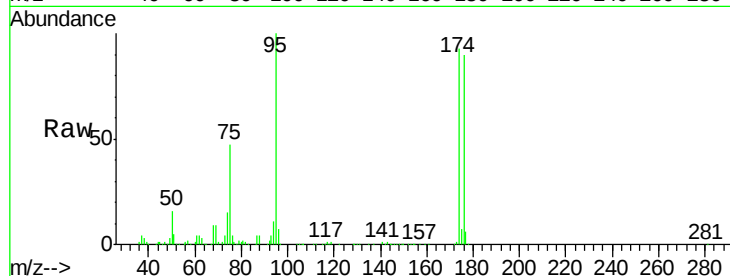
Tot Ion: 95 Resp: 572222

Ion Ratio Lower Upper

95 100

174 92.2 0.0 183.2

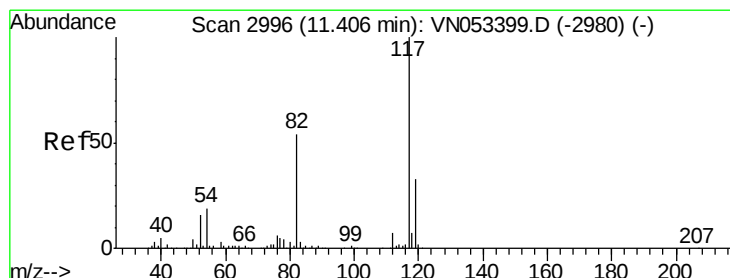
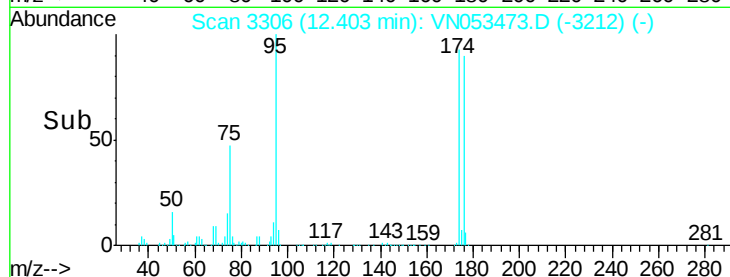
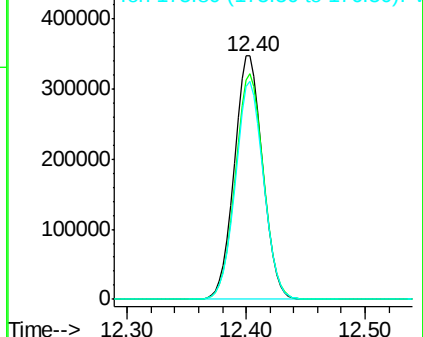
176 88.8 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053473.D

Acq: 18 Jan 2019 15:43

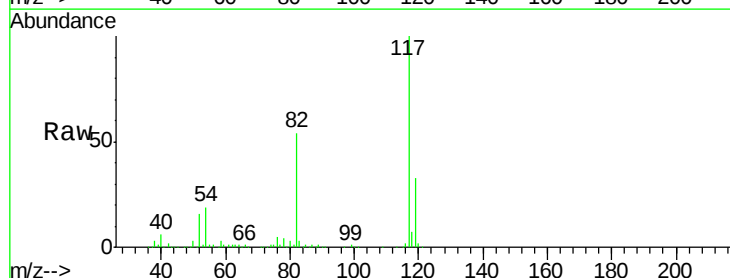
Tgt Ion: 117 Resp: 1286197

Ion Ratio Lower Upper

117 100

82 53.5 42.9 64.3

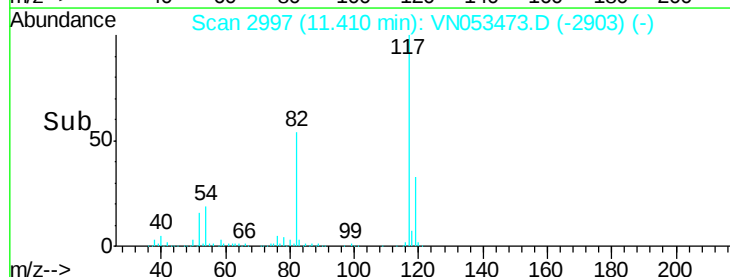
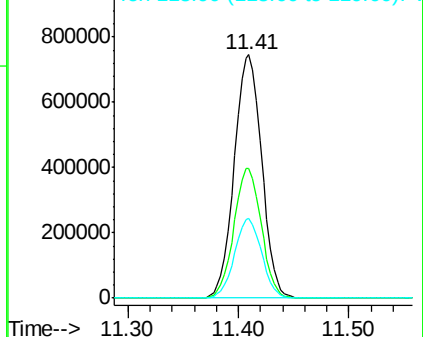
119 32.6 26.0 39.0

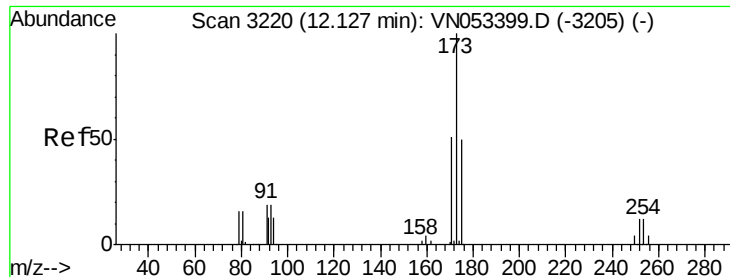


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053399.D (-2980) (-)

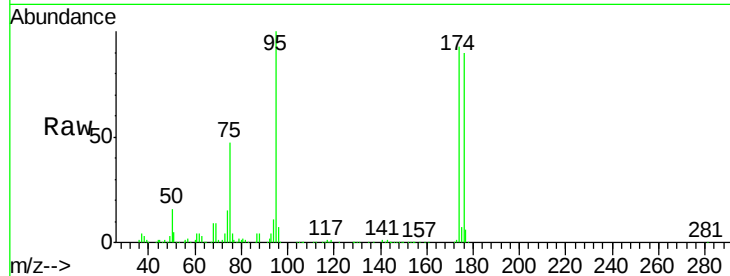




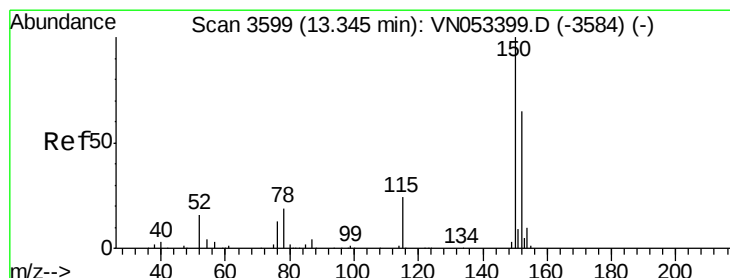
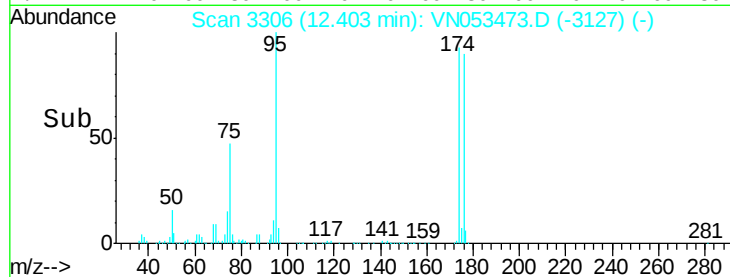
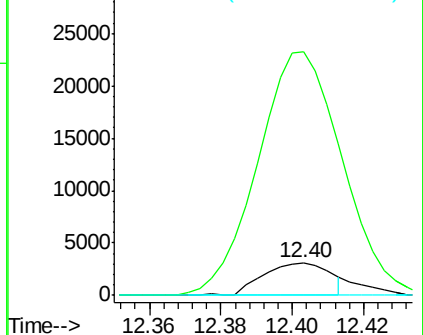
#71
Bromoform
Concen: 0.621 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053473.D
Acq: 18 Jan 2019 15:43

Instrument :
MSVOA_N
ClientSampleId :
PB116471TB

Tot Ion:173 Resp: 4048
Ion Ratio Lower Upper
173 100
175 813.5 24.6 74.0#
254 0.0 0.2 0.2#

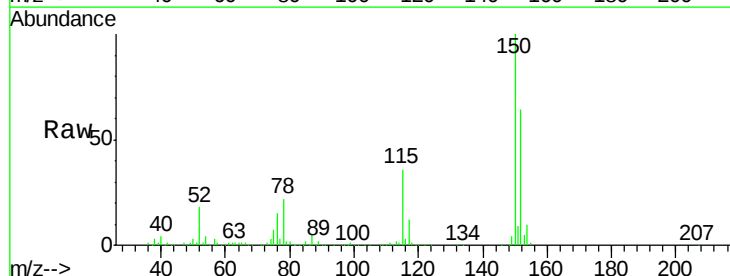


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

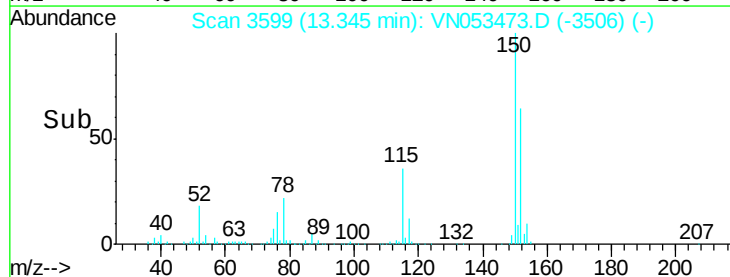
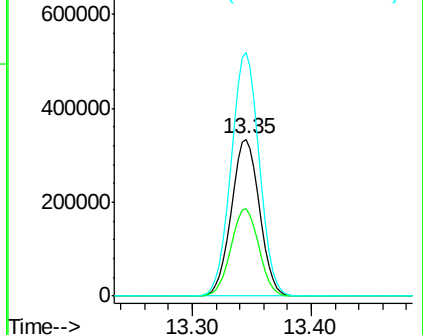


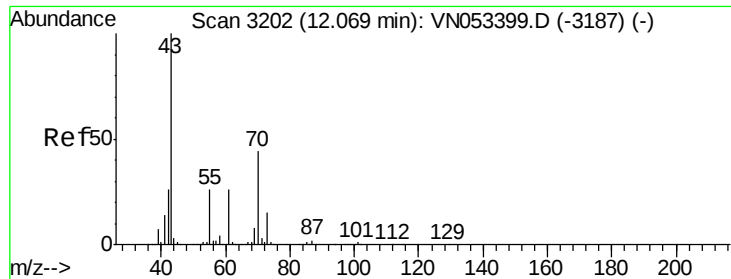
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053473.D
Acq: 18 Jan 2019 15:43

Tgt Ion:152 Resp: 546872
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.4
150 155.0 0.0 349.0



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: 3.038 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053473.D

Acq: 18 Jan 2019 15:43

Instrument :

MSVOA_N

ClientSampleId :

PB116471TB

Tot Ion: 43 Resp: 32432

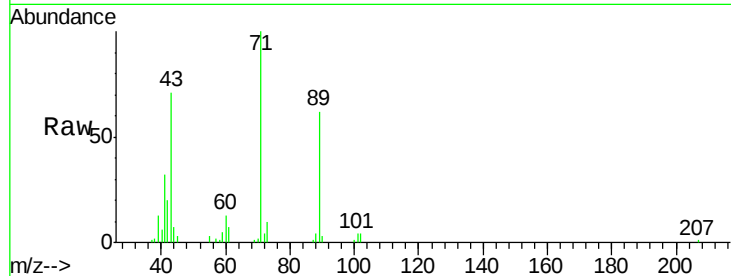
Ion Ratio Lower Upper

43 100

70 2.0 35.4 53.2#

55 4.6 20.9 31.3#

61 10.3 20.5 30.7#

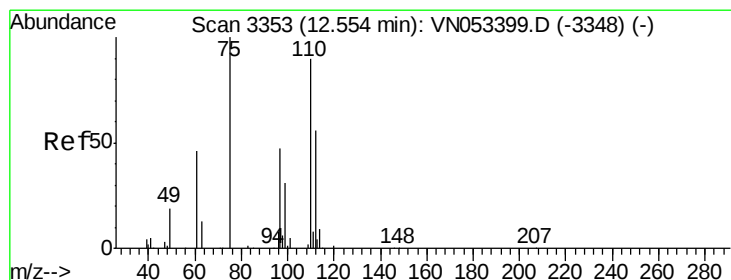
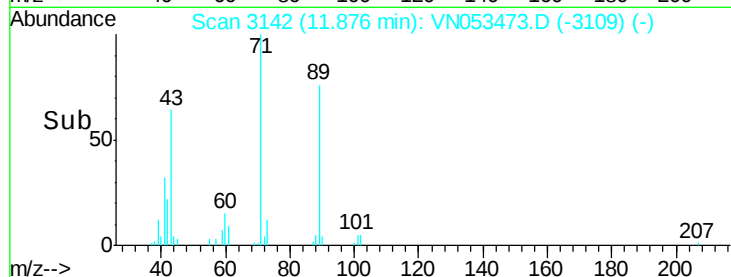
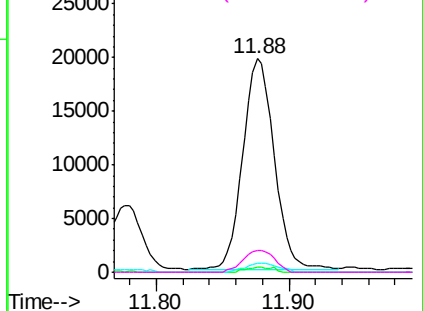


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 36.901 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053473.D

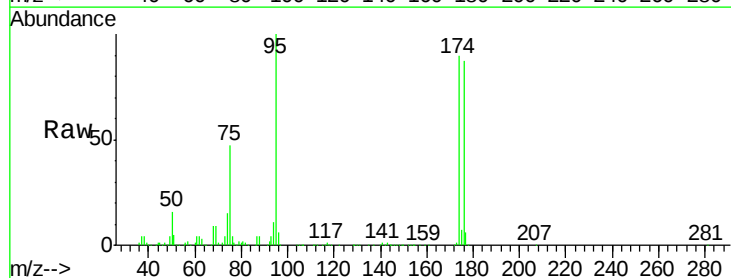
Acq: 18 Jan 2019 15:43

Tgt Ion: 75 Resp: 265934

Ion Ratio Lower Upper

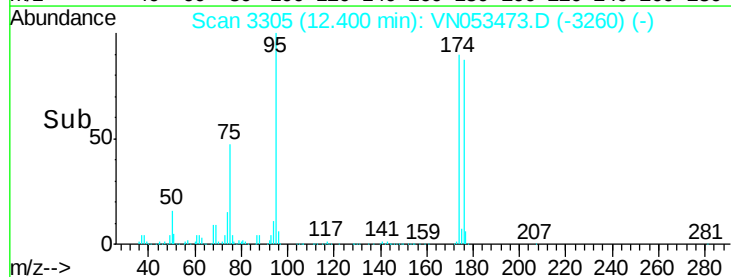
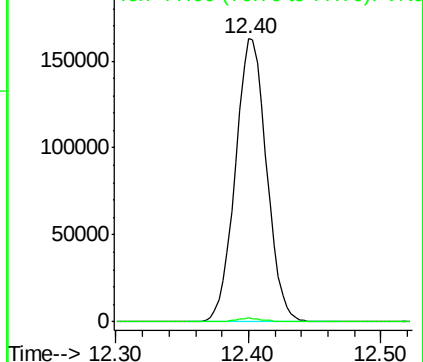
75 100

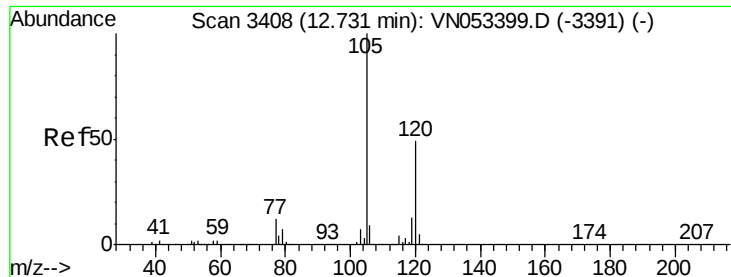
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.649 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053473.D

Acq: 18 Jan 2019 15:43

Instrument :

MSVOA_N

ClientSampled :

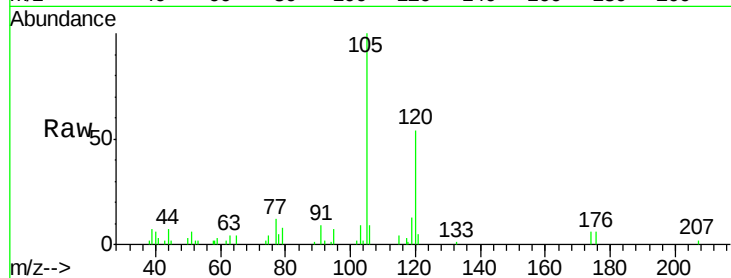
PB116471TB

Tot Ion:105 Resp: 21140

Ion Ratio Lower Upper

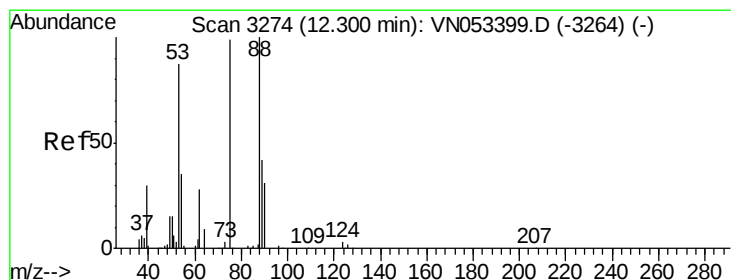
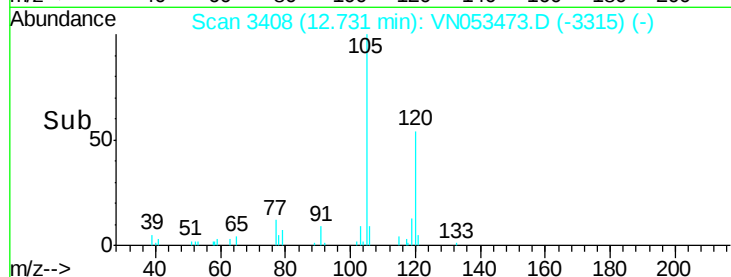
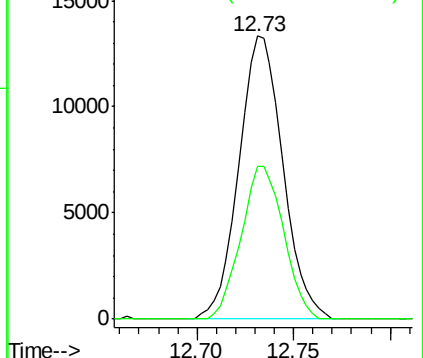
105 100

120 52.1 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 91.189 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053473.D

Acq: 18 Jan 2019 15:43

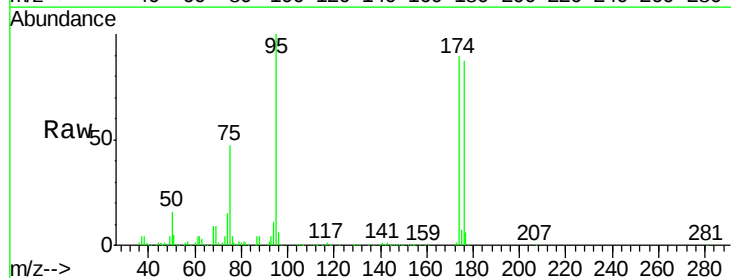
Tgt Ion: 75 Resp: 265934

Ion Ratio Lower Upper

75 100

53 0.1 69.8 104.6#

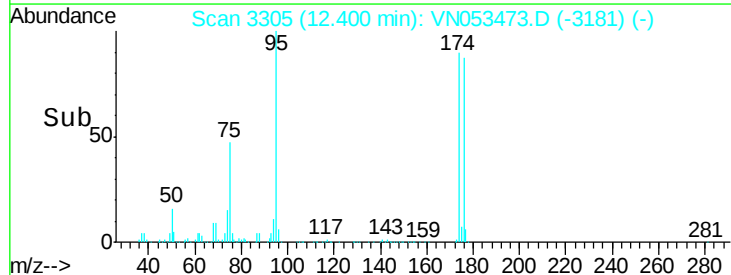
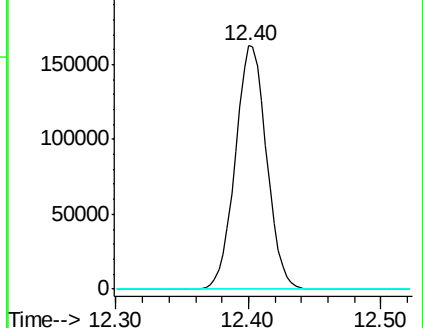
89 0.0 35.6 53.4#

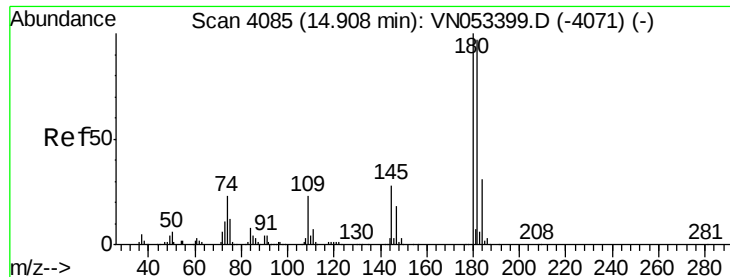


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

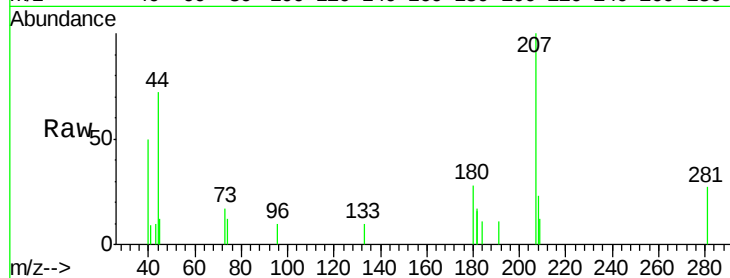




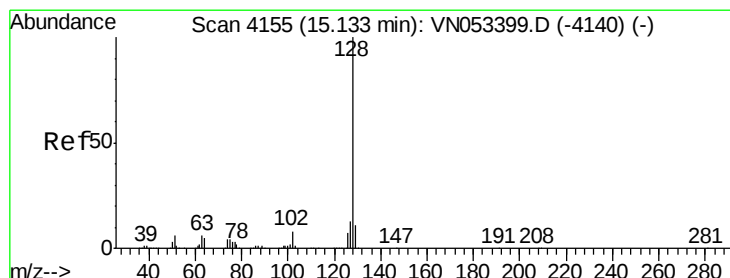
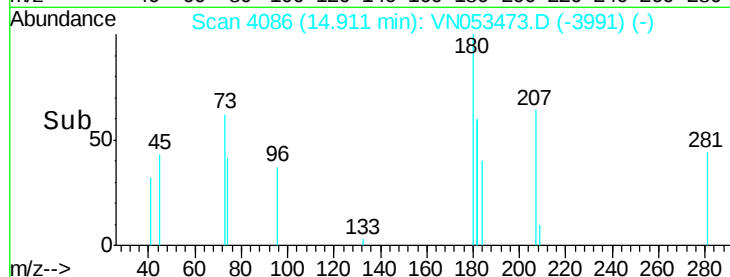
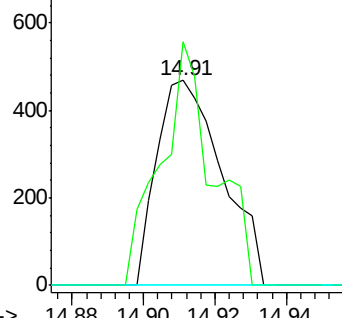
#93
 1,2,4-Trichlorobenzene
 Concen: 2.841 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053473.D
 Acq: 18 Jan 2019 15:43

Instrument :
 MSVOA_N
 ClientSampled :
 PB116471TB

Tot Ion:180 Resp: 595
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.1 144.3
 145 0.0 13.9 41.6#

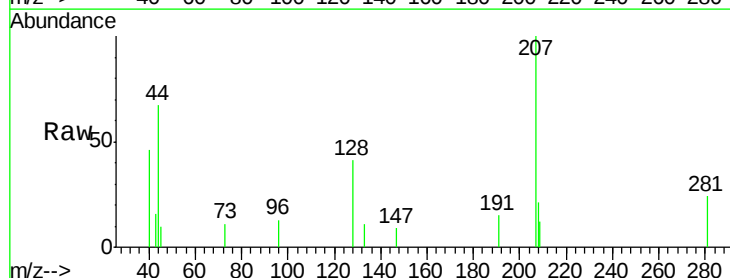


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

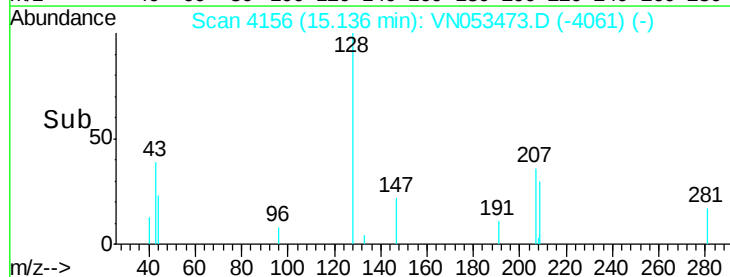
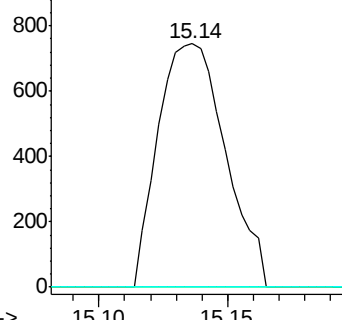


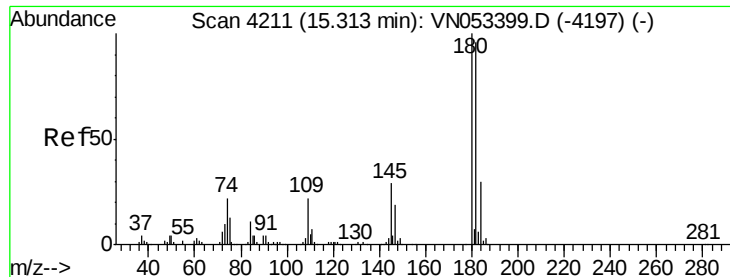
#95
 Naphthalene
 Concen: 4.033 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN053473.D
 Acq: 18 Jan 2019 15:43

Tgt Ion:128 Resp: 1359
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.6 13.0#



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: 3.974 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. -0.00 min
 Lab File: VN053473.D
 Acq: 18 Jan 2019 15:43

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116471TB

Tot Ion:180 Resp: 416
 Ion Ratio Lower Upper
 180 100
 182 66.8 47.9 143.8
 145 0.0 14.7 44.1#

