

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062519\
 Data File : VN056478.D
 Acq On : 25 Jun 2019 11:57
 Operator : JC/SP
 Sample : PB120881ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120881ZHE#10

Quant Time: Jun 26 03:40:19 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	7.67	168	372736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	630926	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	623150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	179833	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	211250	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	
35) Dibromofluoromethane	7.59	113	183801	46.70	ug/l	0.00
Spiked Amount			Recovery	=	93.40%	
50) Toluene-d8	10.09	98	787235	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.40	95	254222	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	

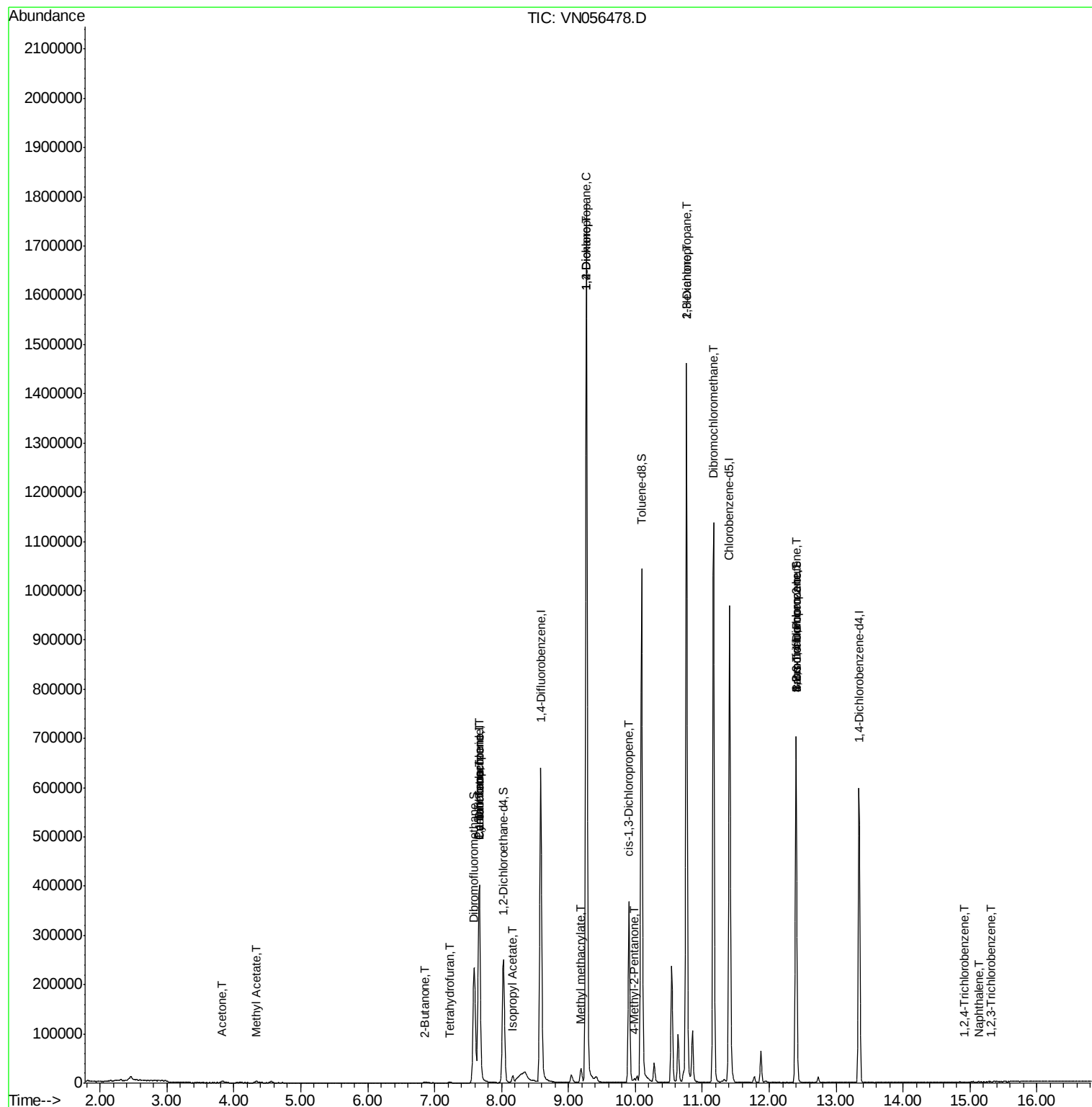
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	6550	3.165	ug/l	93
18) Methyl Acetate	4.34	43	7323	0.955	ug/l #	80
20) Methylene Chloride	4.56	84	1360	Below Cal	#	62
25) 2-Butanone	6.85	43	911	0.333	ug/l #	49
29) Tetrahydrofuran	7.22	42	507	0.303	ug/l #	50
31) Cyclohexane	7.66	56	5878	0.921	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	23389	4.212	ug/l #	50
38) Carbon Tetrachloride	7.66	117	31086	6.401	ug/l #	16
43) Isopropyl Acetate	8.17	43	16799	1.996	ug/l #	91
45) 1,2-Dichloropropane	9.26	63	2380	0.521	ug/l #	43
48) Methyl methacrylate	9.18	41	9959	2.362	ug/l #	12
49) 1,4-Dioxane	9.27	88	29	0.331	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4605	0.848	ug/l	89
54) cis-1,3-Dichloropropene	9.90	75	68864	11.281	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	15712	2.228	ug/l #	42
59) 2-Hexanone	10.76	43	206979	51.849	ug/l #	52
60) Dibromochloromethane	11.18	129	60	2.395	ug/l #	10
71) Bromoform	12.40	173	1828	3.644	ug/l #	1
73) Isopropylbenzene	12.25	105	29	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	117926	31.625	ug/l #	100
79) 2-Chlorotoluene	12.68	91	63	Below Cal	#	40
80) 1,3,5-Trimethylbenzene	12.73	105	5919	Below Cal		97
81) trans-1,4-Dichloro-2-buten	12.40	75	117926	112.400	ug/l #	8
83) tert-Butylbenzene	12.73	119	701	Below Cal	#	80
93) 1,2,4-Trichlorobenzene	14.91	180	155	5.658	ug/l #	67
95) Naphthalene	15.13	128	543	5.304	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.31	180	143	4.521	ug/l #	12

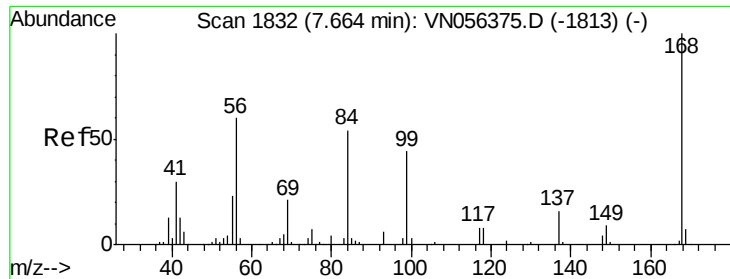
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056478.D

Acq: 25 Jun 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

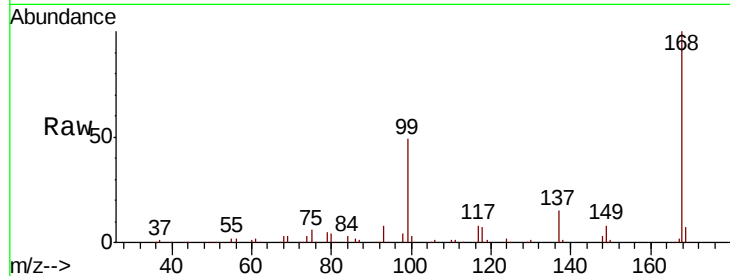
PB120881ZHE#10

Tot Ion:168 Resp: 372736

Ion Ratio Lower Upper

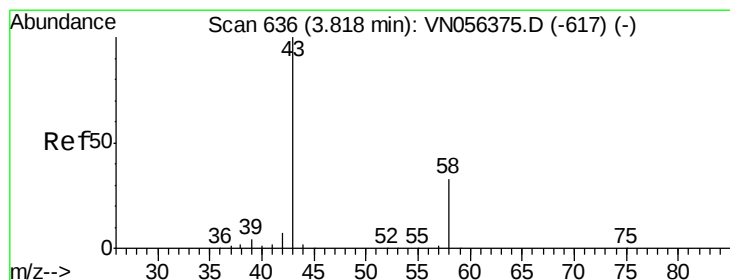
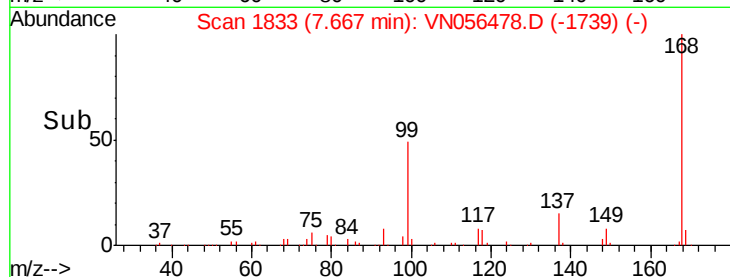
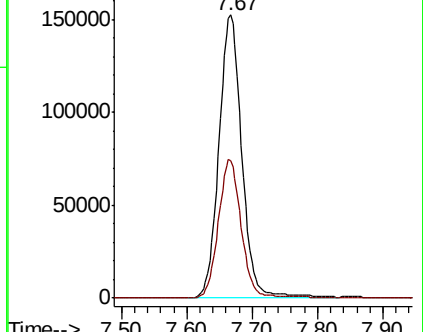
168 100

99 48.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 3.165 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN056478.D

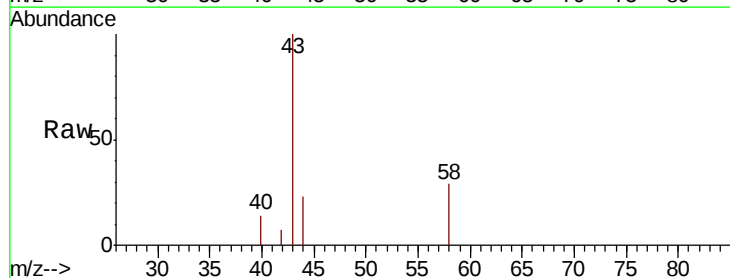
Acq: 25 Jun 2019 11:57

Tgt Ion: 43 Resp: 6550

Ion Ratio Lower Upper

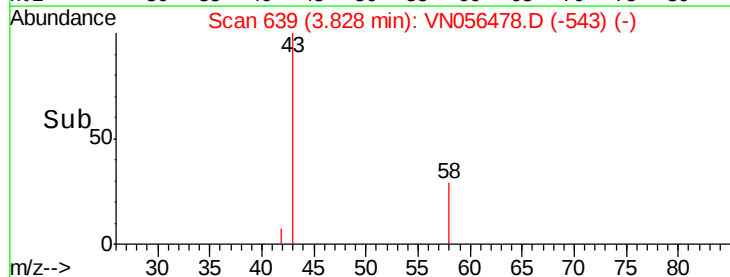
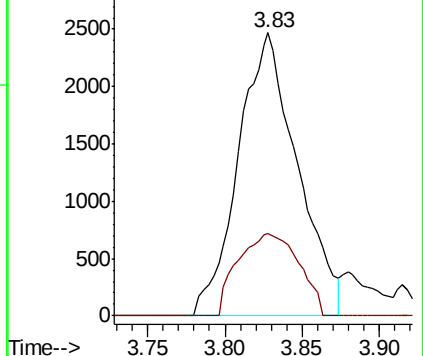
43 100

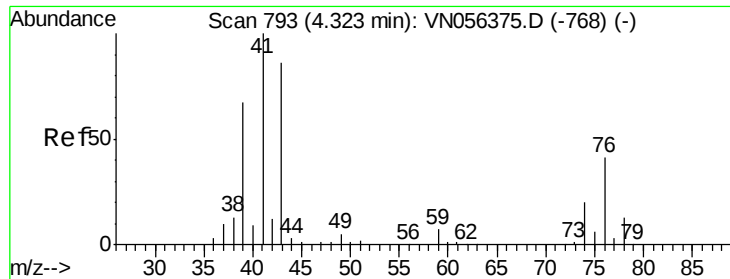
58 29.0 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

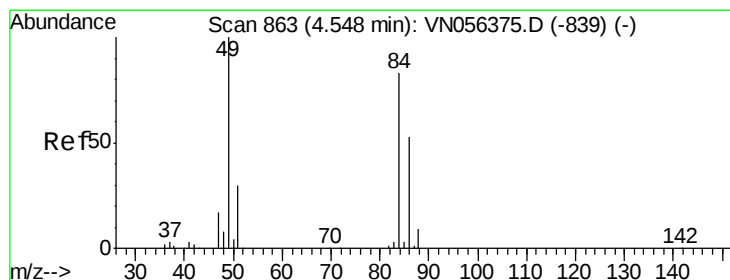
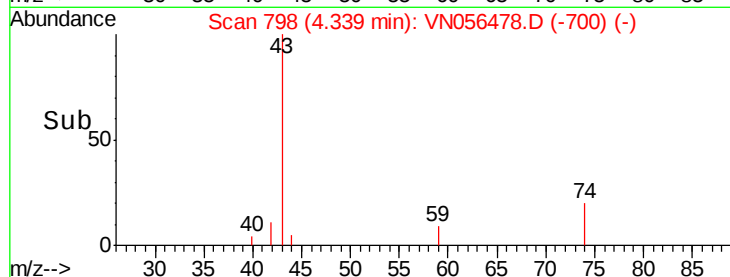
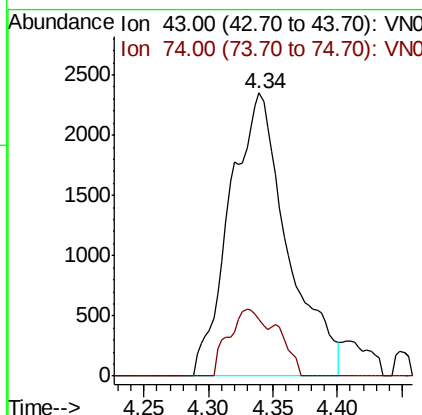
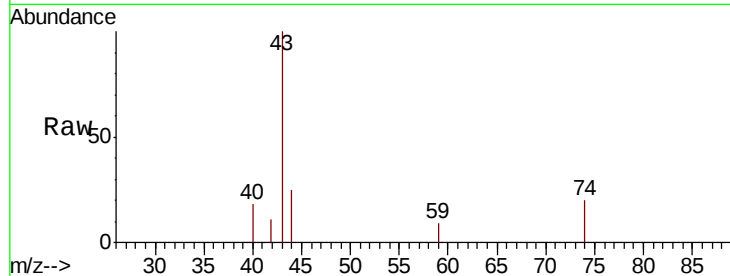




#18
Methyl Acetate
Concen: 0.955 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.02 min
Lab File: VN056478.D
Acq: 25 Jun 2019 11:57

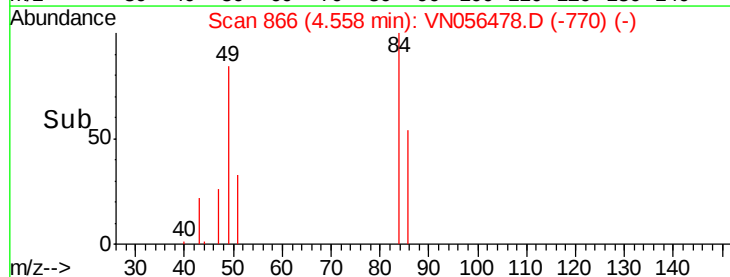
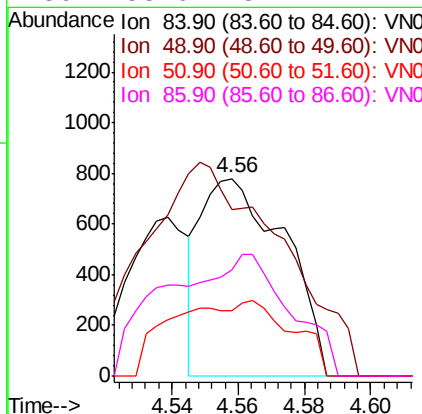
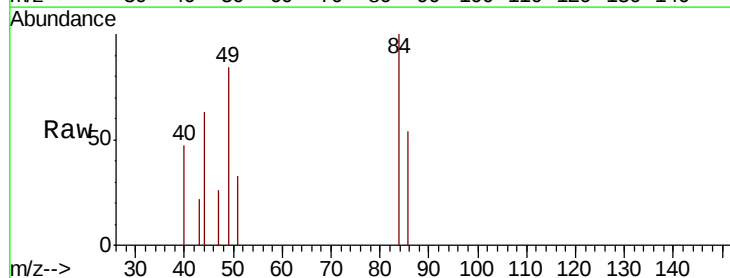
Instrument :
MSVOA_N
ClientSampleId :
PB120881ZHE#10

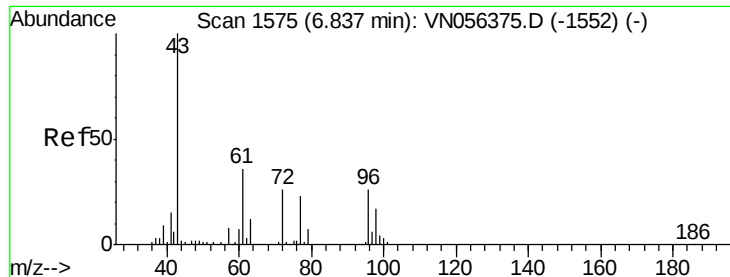
Tot Ion: 43 Resp: 7323
Ion Ratio Lower Upper
43 100
74 14.3 19.2 28.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN056478.D
Acq: 25 Jun 2019 11:57

Tgt Ion: 84 Resp: 1360
Ion Ratio Lower Upper
84 100
49 52.3 96.4 144.6#
51 32.8 28.6 43.0
86 53.6 51.4 77.2





#25

2-Butanone

Concen: 0.333 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.02 min

Lab File: VN056478.D

Acq: 25 Jun 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

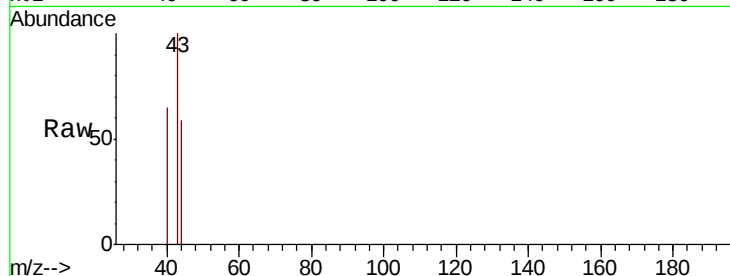
PB120881ZHE#10

Tot Ion: 43 Resp: 911

Ion Ratio Lower Upper

43 100

72 0.0 20.6 31.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.85

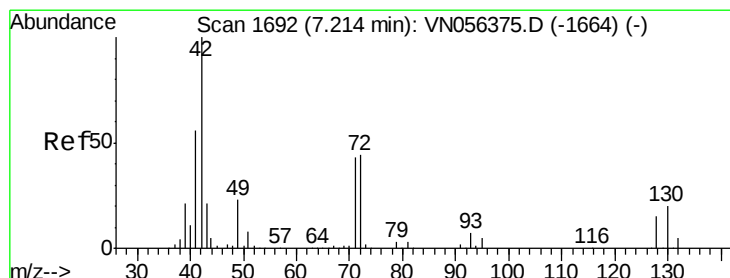
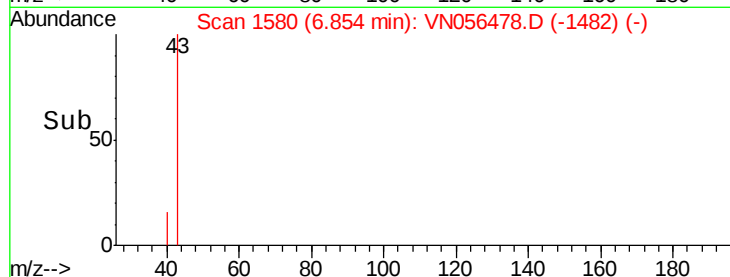
600

400

200

0

Time-->



#29

Tetrahydrofuran

Concen: 0.303 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN056478.D

Acq: 25 Jun 2019 11:57

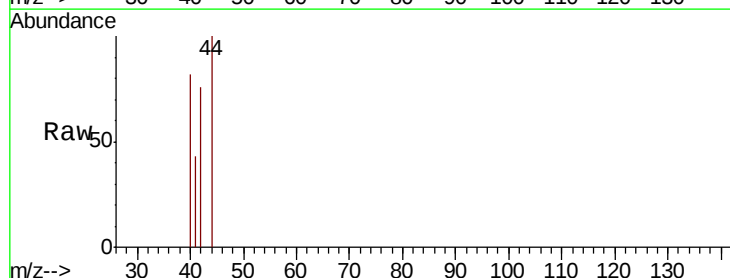
Tgt Ion: 42 Resp: 507

Ion Ratio Lower Upper

42 100

72 21.1 34.7 52.1#

71 0.0 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

600

500

400

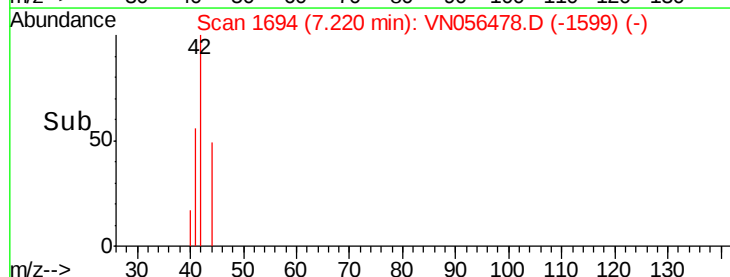
300

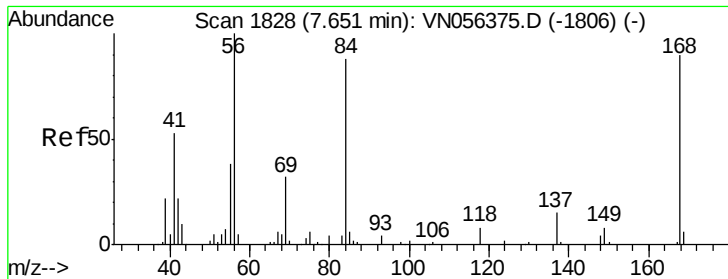
200

100

0

Time-->

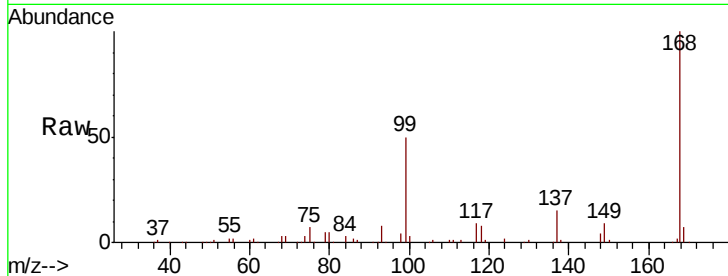




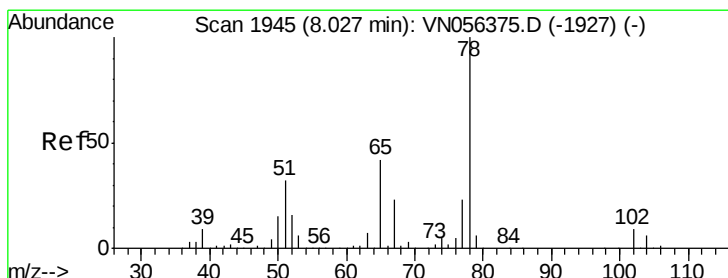
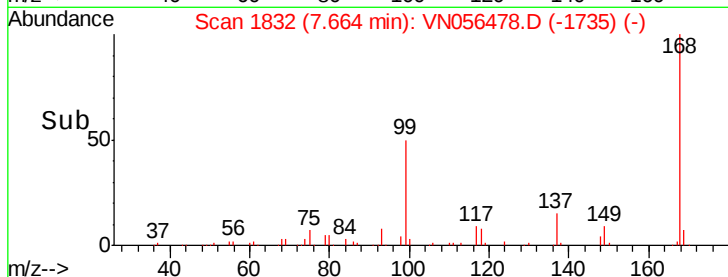
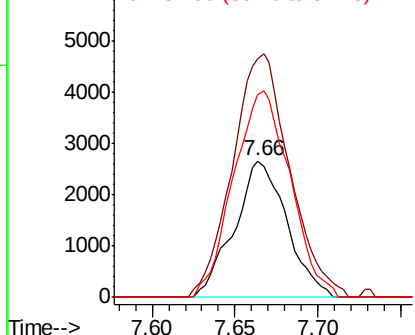
#31
Cyclohexane
Concen: 0.921 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN056478.D
Acq: 25 Jun 2019 11:57

Instrument :
MSVOA_N
ClientSampleId :
PB120881ZHE#10

Tot Ion: 56 Resp: 5878
Ion Ratio Lower Upper
56 100
69 175.1 25.8 38.6#
84 148.0 69.4 104.0#

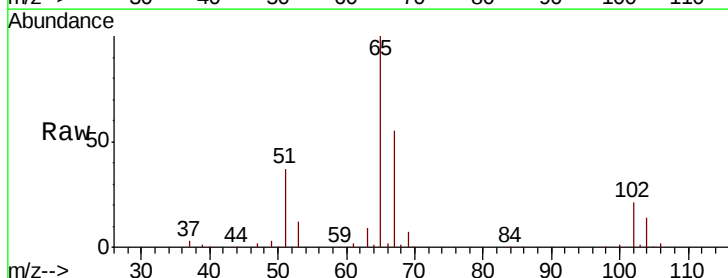


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

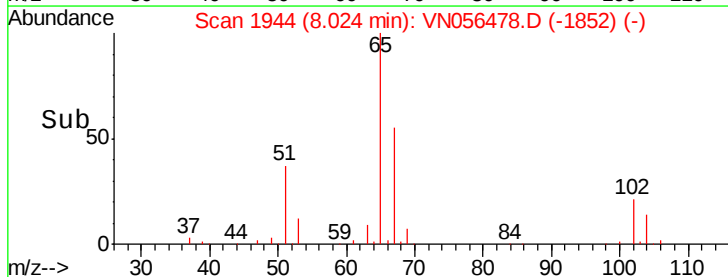
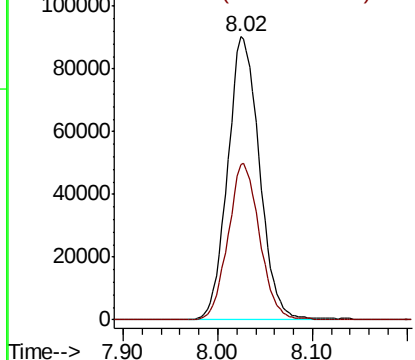


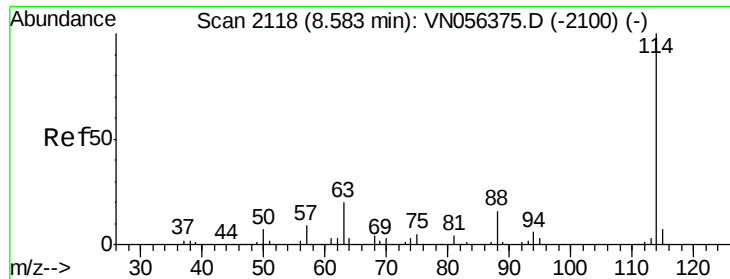
#33
1,2-Dichloroethane-d4
Concen: 51.137 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN056478.D
Acq: 25 Jun 2019 11:57

Tgt Ion: 65 Resp: 211250
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

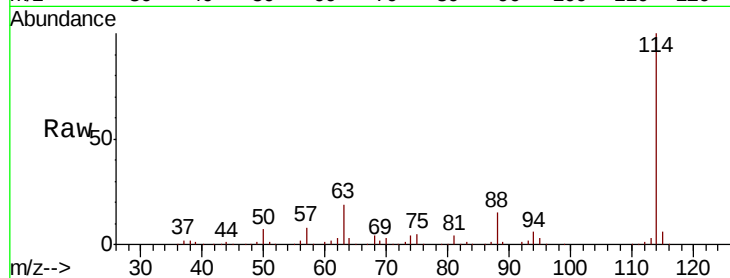




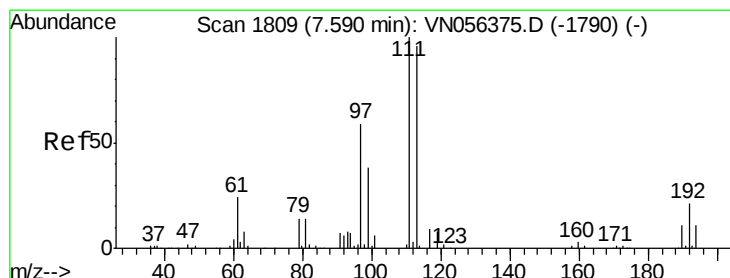
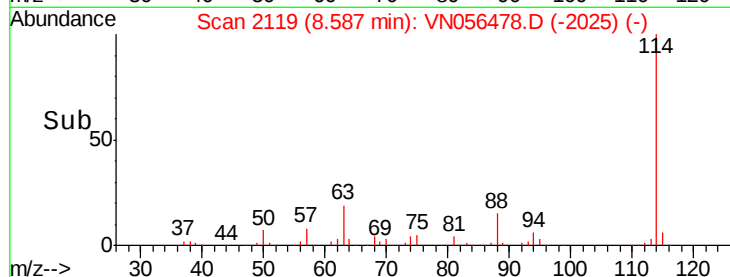
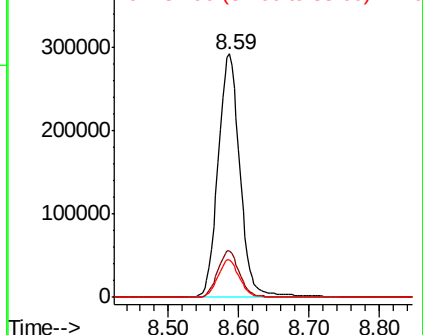
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056478.D
Acq: 25 Jun 2019 11:57

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Tot Ion:114	Resp:	630926
Ion	Ratio	Lower Upper
114	100	
63	19.2	0.0 39.2
88	15.4	0.0 31.4

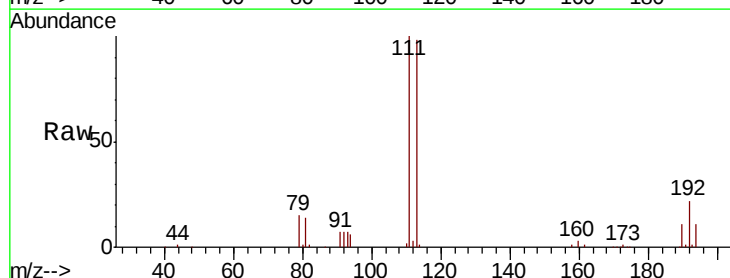


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

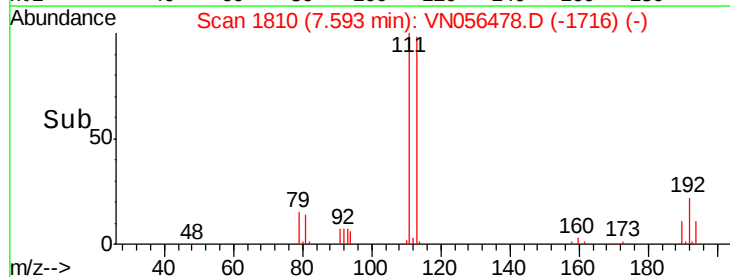
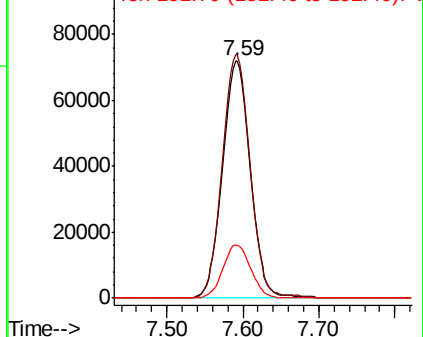


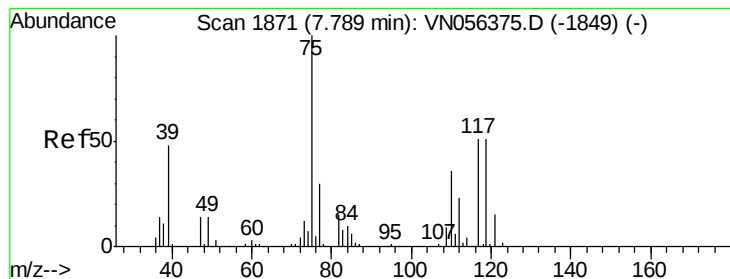
#35
Dibromofluoromethane
Concen: 46.698 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN056478.D
Acq: 25 Jun 2019 11:57

Tgt Ion:113	Resp:	183801
Ion	Ratio	Lower Upper
113	100	
111	102.8	82.9 124.3
192	22.3	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: 4.212 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN056478.D

Acq: 25 Jun 2019 11:57

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PB120881ZHE#10

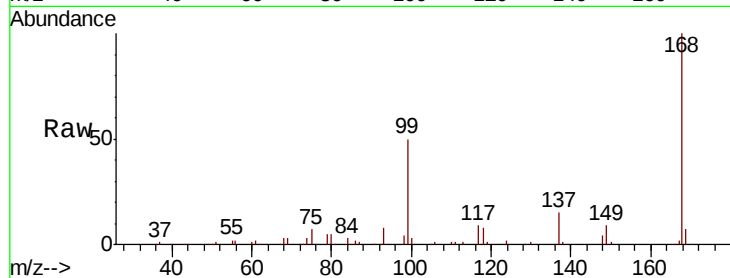
Tot Ion: 75 Resp: 23389

Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.3#

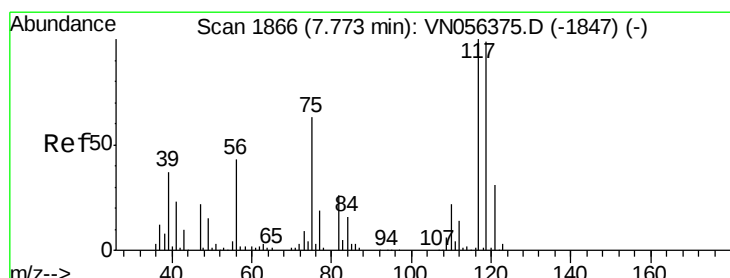
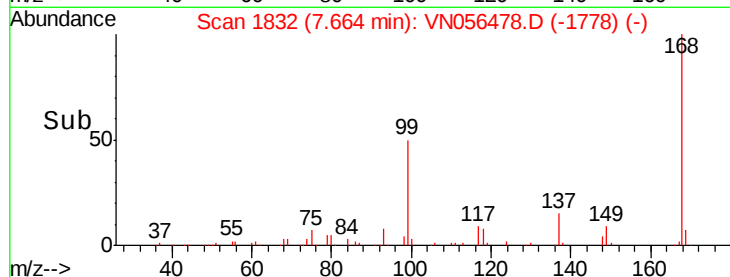
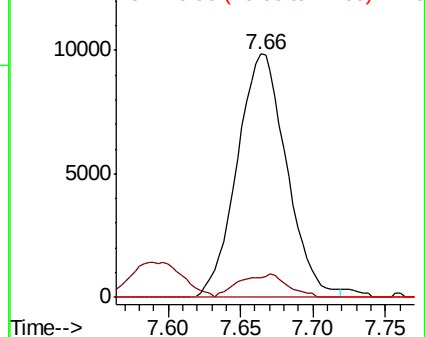
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VN056478.D (-1778) (-)

Ion 109.90 (109.60 to 110.60): VN056478.D (-1778) (-)

Ion 76.90 (76.60 to 77.60): VN056478.D (-1778) (-)



#38

Carbon Tetrachloride

Concen: 6.401 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN056478.D

Acq: 25 Jun 2019 11:57

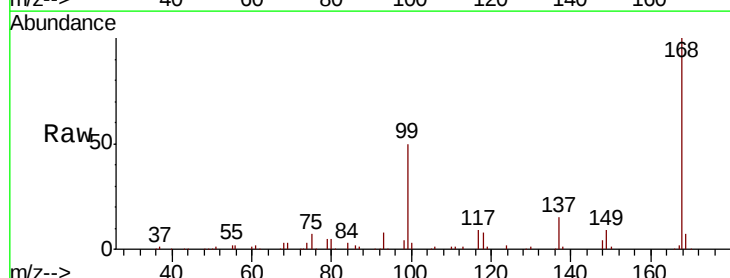
Tgt Ion: 117 Resp: 31086

Ion Ratio Lower Upper

117 100

119 6.3 79.1 118.7#

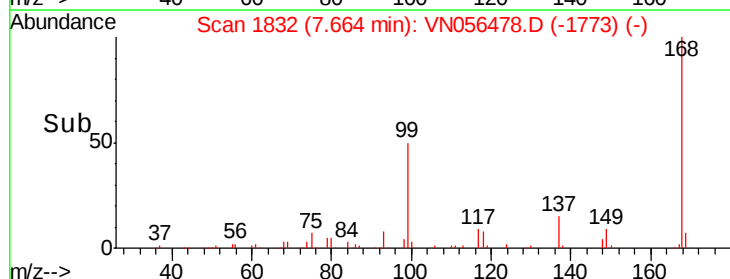
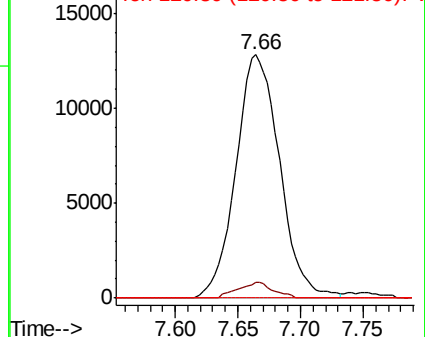
121 0.0 24.8 37.2#

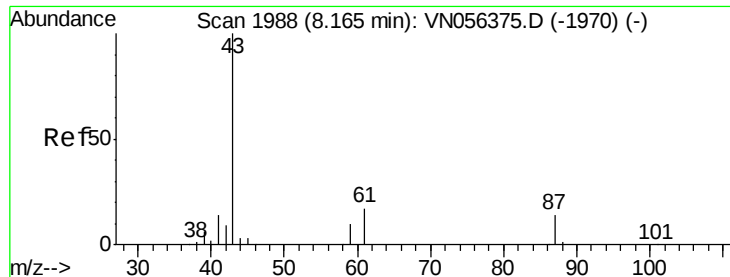


Abundance Ion 116.80 (116.50 to 117.50): VN056478.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN056478.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN056478.D (-1773) (-)





#43

Isopropyl Acetate

Concen: 1.996 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056478.D

Acq: 25 Jun 2019 11:57

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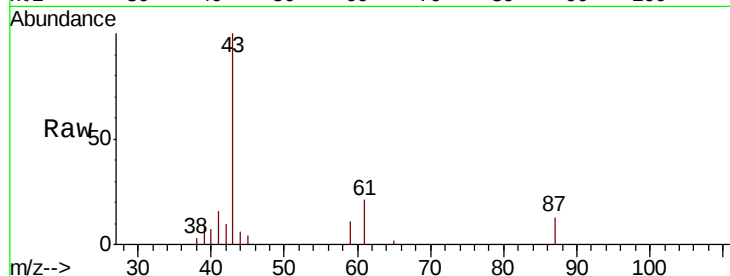
Tot Ion: 43 Resp: 16799

Ion Ratio Lower Upper

43 100

61 21.3 22.0 33.0#

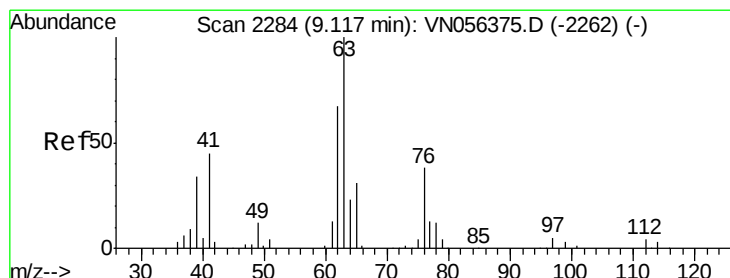
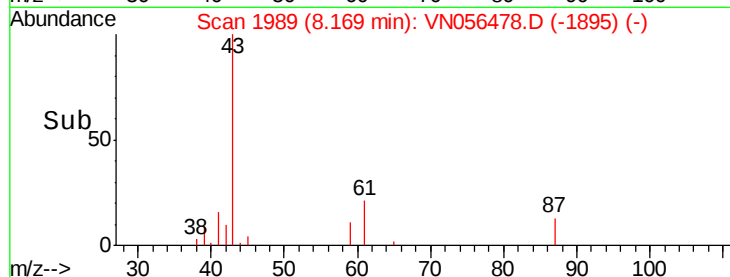
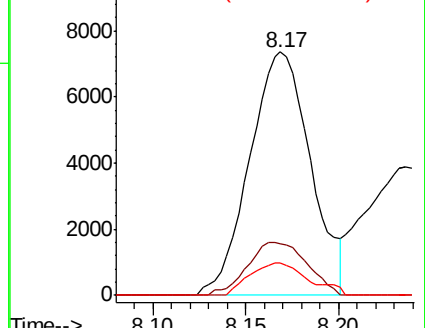
87 12.7 11.0 16.4



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: 0.521 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.14 min

Lab File: VN056478.D

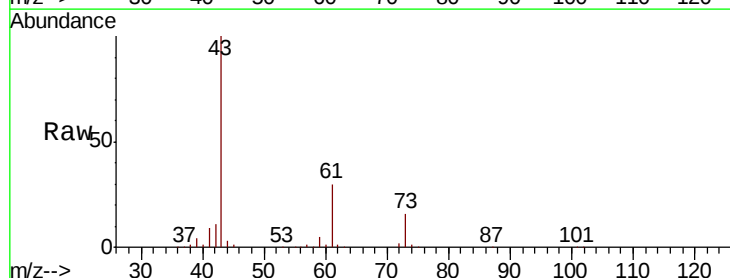
Acq: 25 Jun 2019 11:57

Tgt Ion: 63 Resp: 2380

Ion Ratio Lower Upper

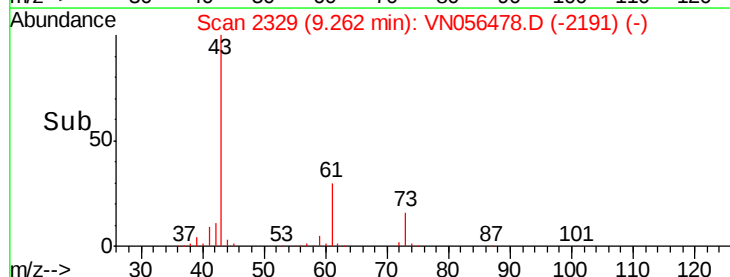
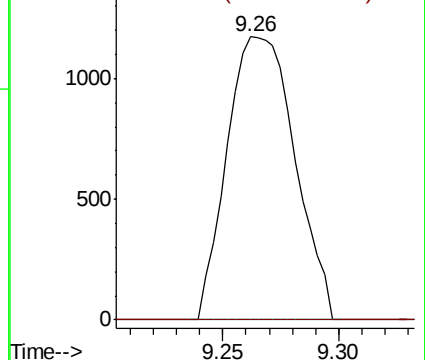
63 100

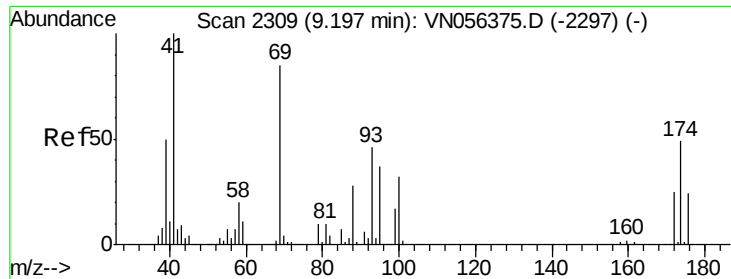
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

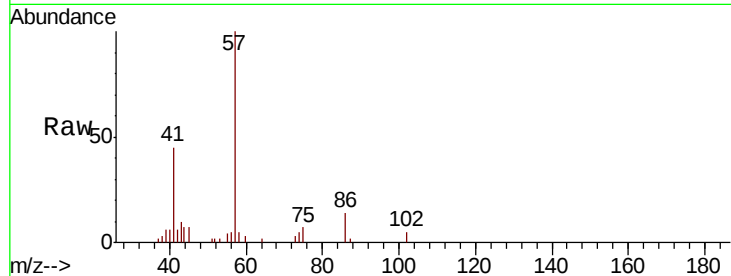




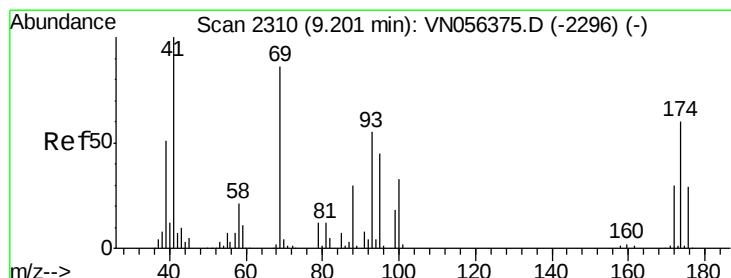
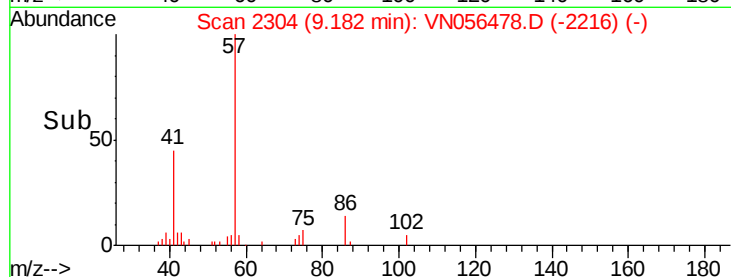
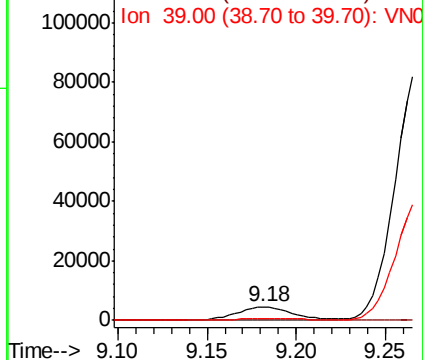
#48
Methyl methacrylate
Concen: 2.362 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN056478.D
Acq: 25 Jun 2019 11:57

Instrument :
MSVOA_N
ClientSampleId :
PB120881ZHE#10

Tot Ion: 41 Resp: 9959
Ion Ratio Lower Upper
41 100
69 0.0 72.6 109.0#
39 0.0 42.6 63.8#

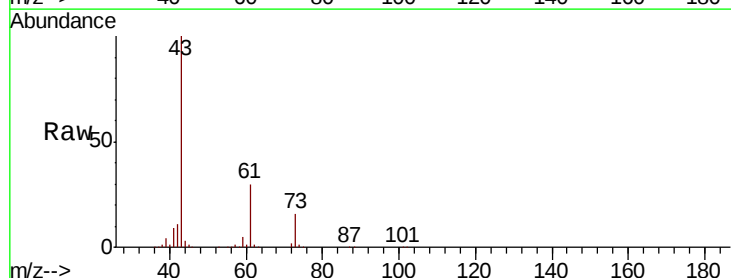


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

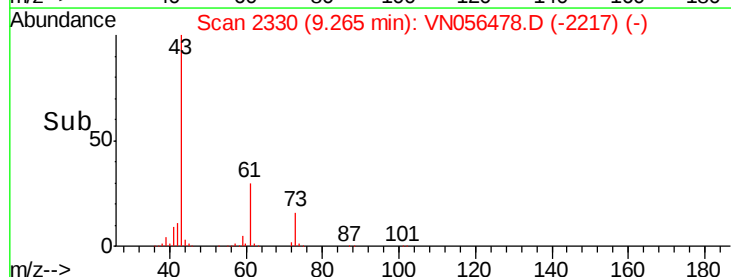
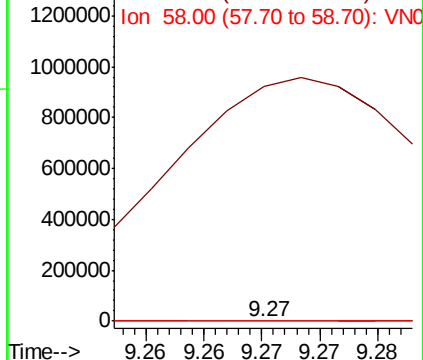


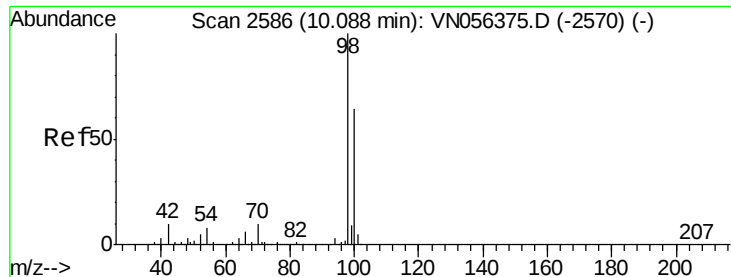
#49
1,4-Dioxane
Concen: 0.331 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.06 min
Lab File: VN056478.D
Acq: 25 Jun 2019 11:57

Tgt Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
43 6087662.1 22.0 33.0#
58 25469.0 51.8 77.8#



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





#50

Toluene-d8

Concen: 51.403 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056478.D

Acq: 25 Jun 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

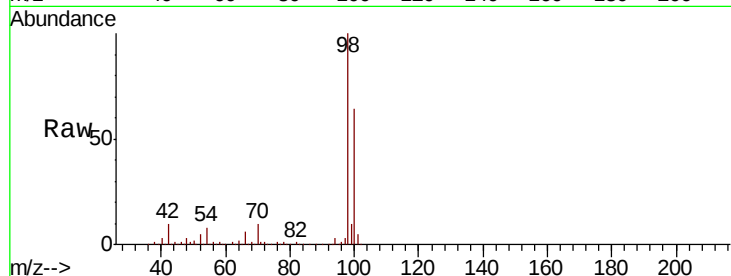
PB120881ZHE#10

Tot Ion: 98 Resp: 787235

Ion Ratio Lower Upper

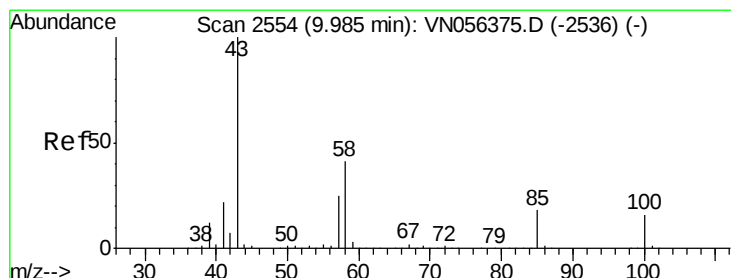
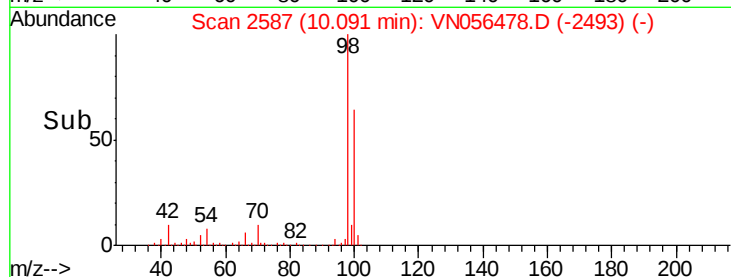
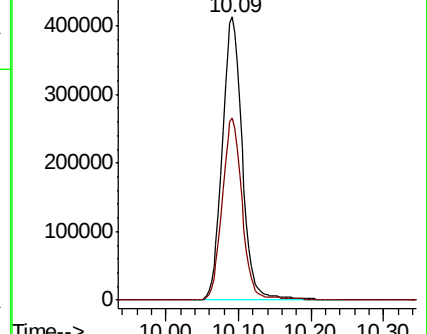
98 100

100 64.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 0.848 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056478.D

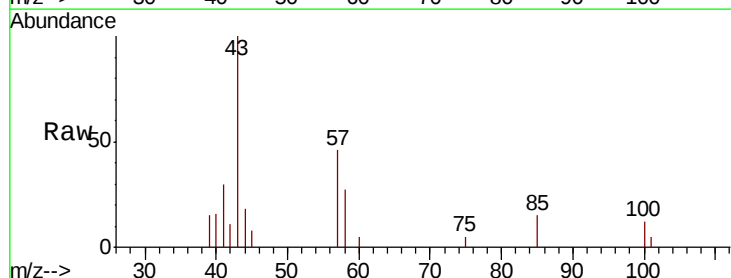
Acq: 25 Jun 2019 11:57

Tgt Ion: 43 Resp: 4605

Ion Ratio Lower Upper

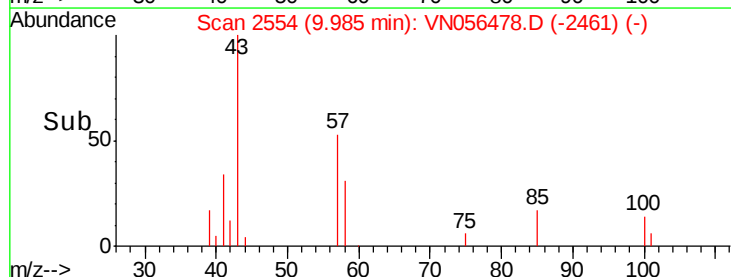
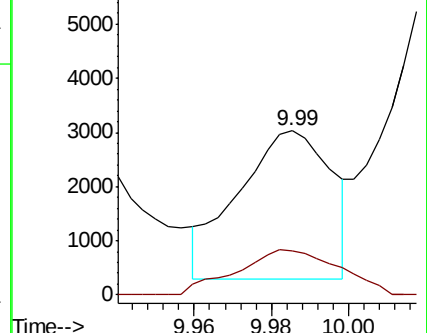
43 100

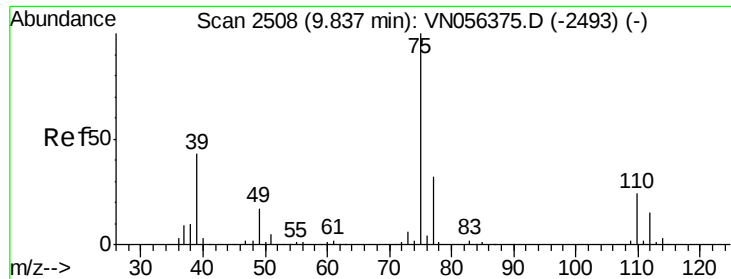
58 33.2 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#54

cis-1,3-Dichloropropene

Concen: 11.281 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056478.D

Acq: 25 Jun 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

PB120881ZHE#10

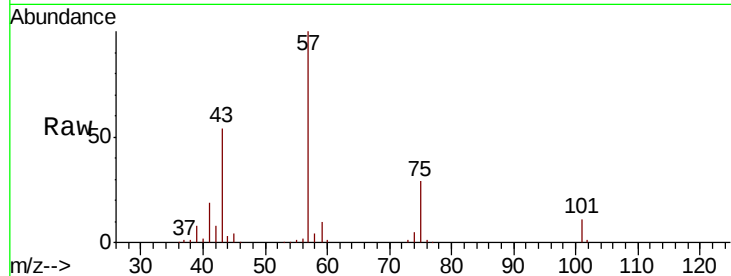
Tot Ion: 75 Resp: 68864

Ion Ratio Lower Upper

75 100

77 0.6 25.2 37.8#

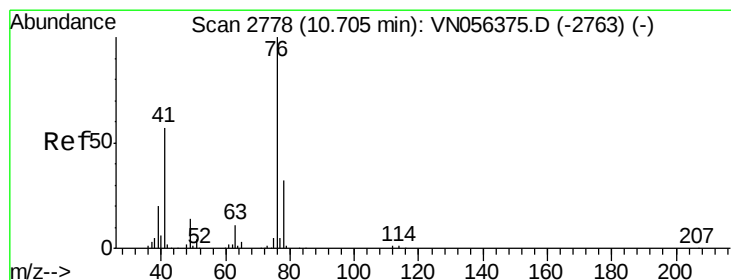
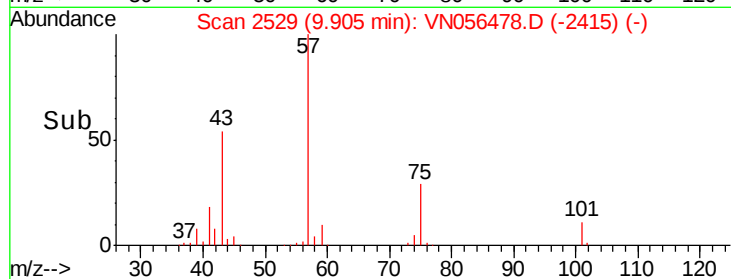
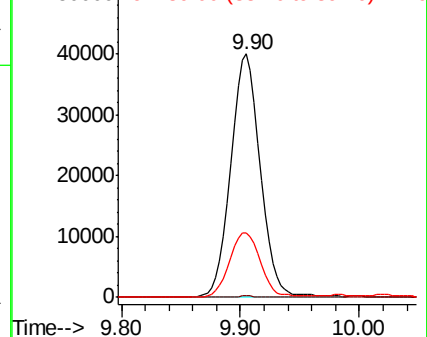
39 26.3 34.2 51.4#



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: 2.228 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.05 min

Lab File: VN056478.D

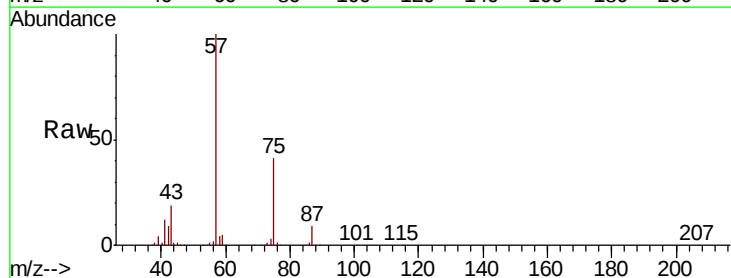
Acq: 25 Jun 2019 11:57

Tgt Ion: 76 Resp: 15712

Ion Ratio Lower Upper

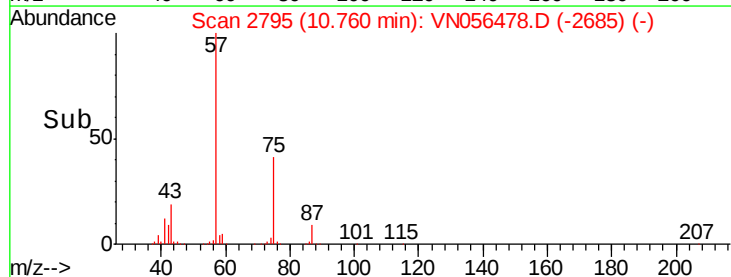
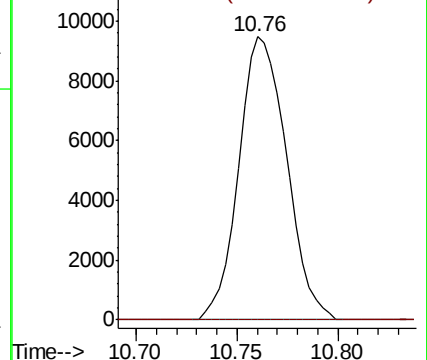
76 100

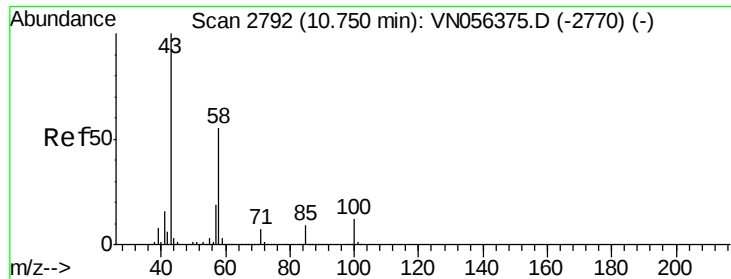
78 0.0 25.9 38.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

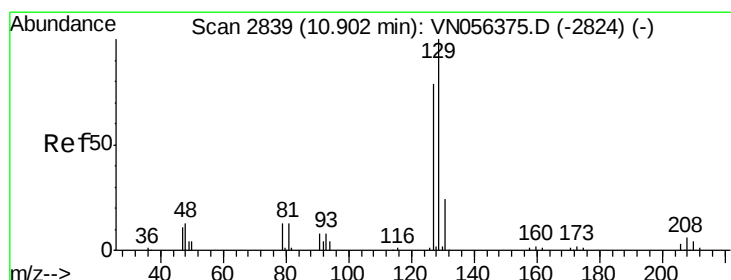
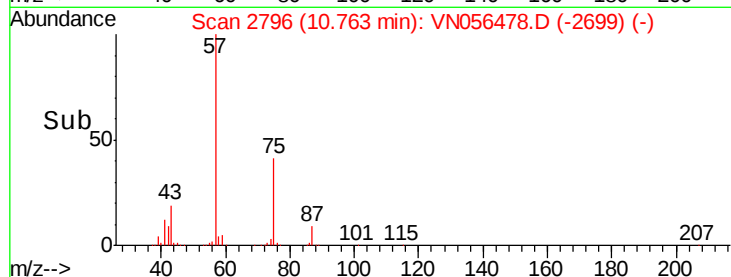
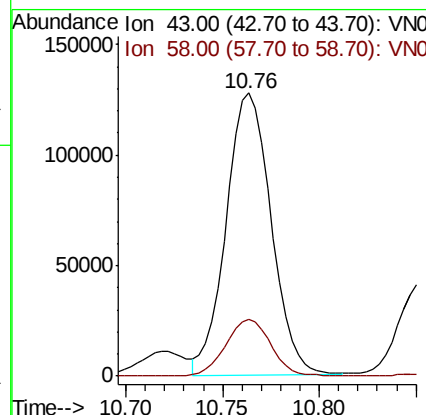
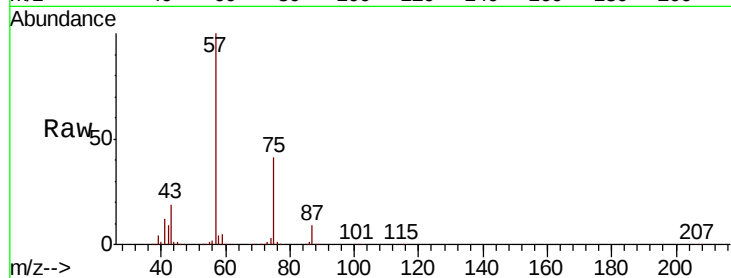




#59
2-Hexanone
Concen: 51.849 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056478.D
Acq: 25 Jun 2019 11:57

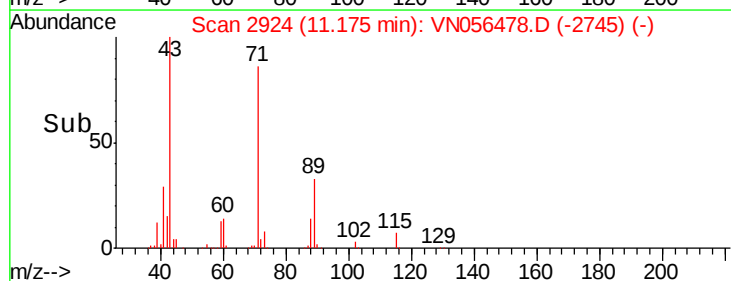
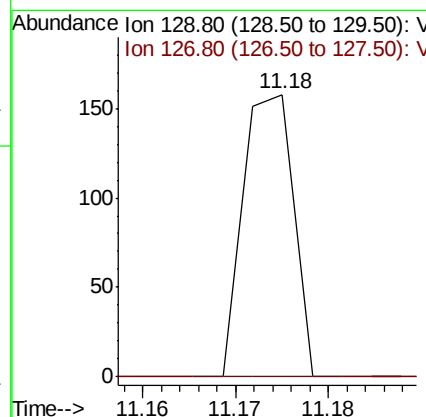
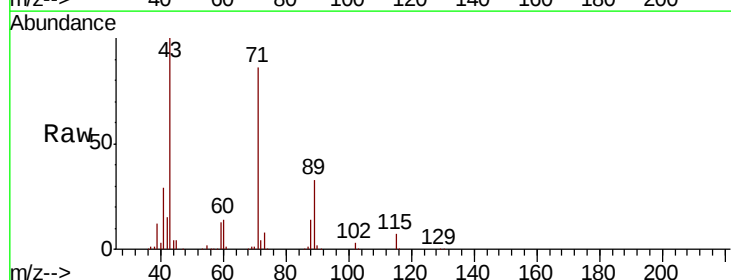
Instrument :
MSVOA_N
ClientSampleId :
PB120881ZHE#10

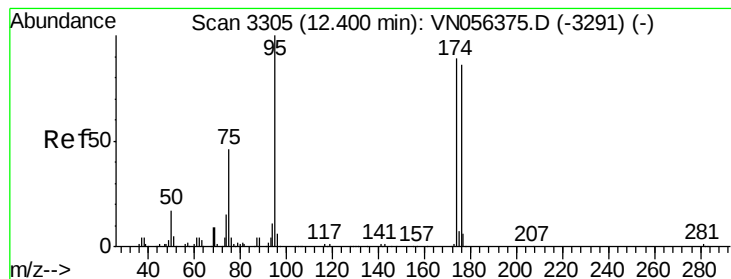
Tot Ion: 43 Resp: 206979
Ion Ratio Lower Upper
43 100
58 20.4 27.8 83.4#



#60
Dibromochloromethane
Concen: 2.395 ug/l
RT: 11.18 min Scan# 2924
Delta R.T. 0.27 min
Lab File: VN056478.D
Acq: 25 Jun 2019 11:57

Tgt Ion: 129 Resp: 60
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#





#62

4-Bromofluorobenzene

Concen: 49.795 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056478.D

Acq: 25 Jun 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

PB120881ZHE#10

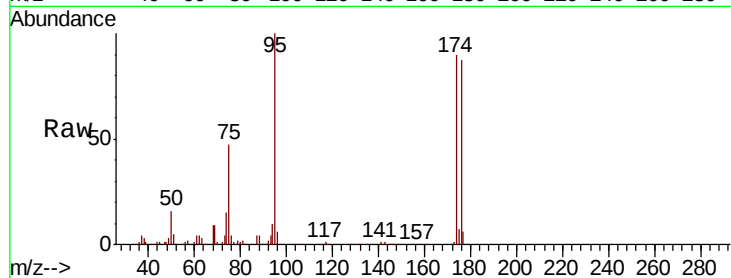
Tot Ion: 95 Resp: 254222

Ion Ratio Lower Upper

95 100

174 89.9 0.0 179.4

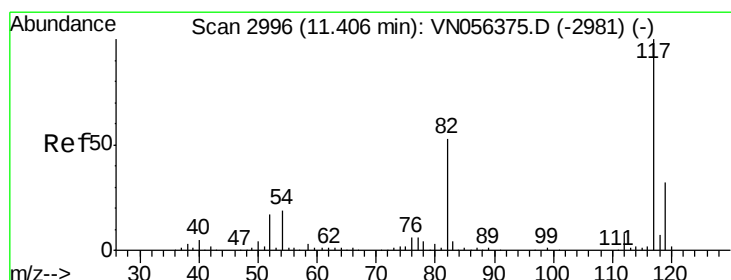
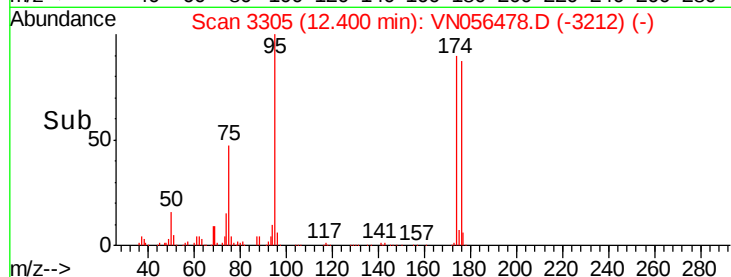
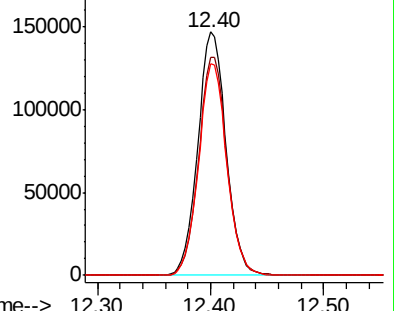
176 86.9 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN056375.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056375.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056375.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056478.D

Acq: 25 Jun 2019 11:57

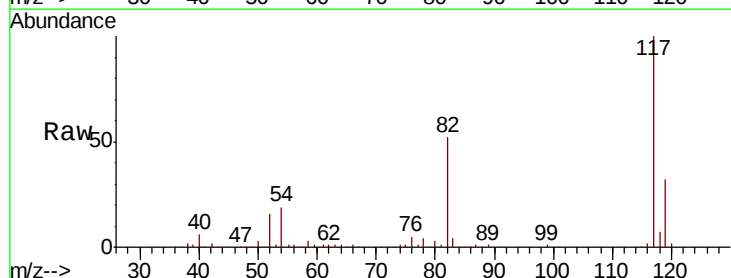
Tgt Ion: 117 Resp: 623150

Ion Ratio Lower Upper

117 100

82 52.5 42.0 63.0

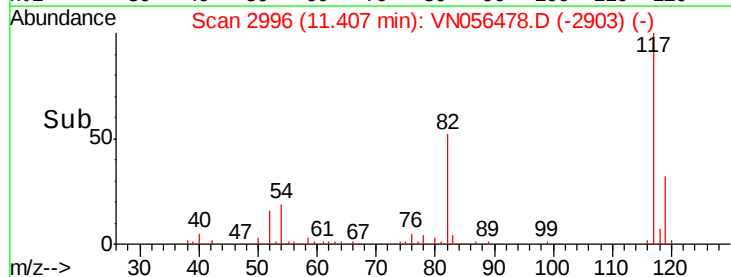
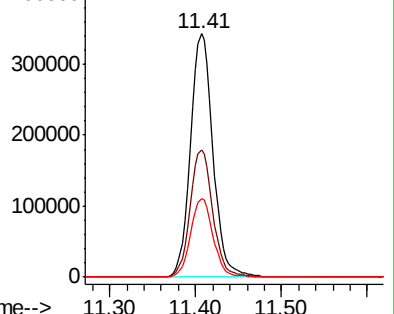
119 32.4 25.3 37.9

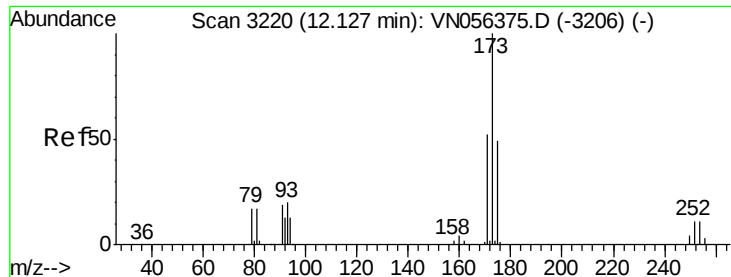


Abundance Ion 116.90 (116.60 to 117.60): VN056375.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN056375.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN056375.D (-2981) (-)





#71

Bromoform

Concen: 3.644 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN056478.D

Acq: 25 Jun 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

PB120881ZHE#10

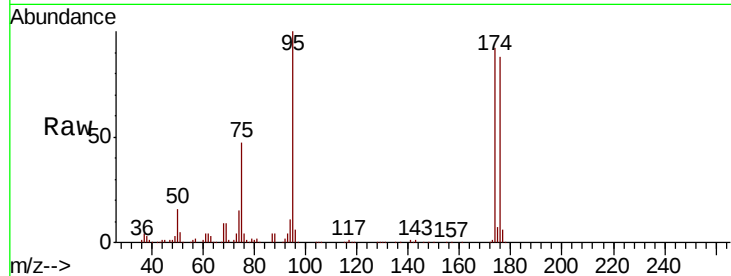
Tot Ion:173 Resp: 1828

Ion Ratio Lower Upper

173 100

175 795.8 24.4 73.4#

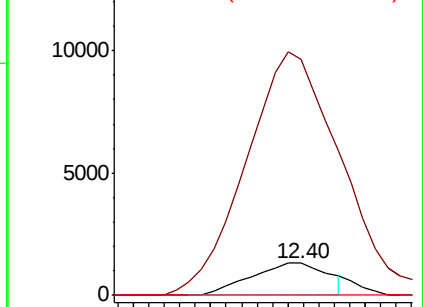
254 0.0 0.0 0.0



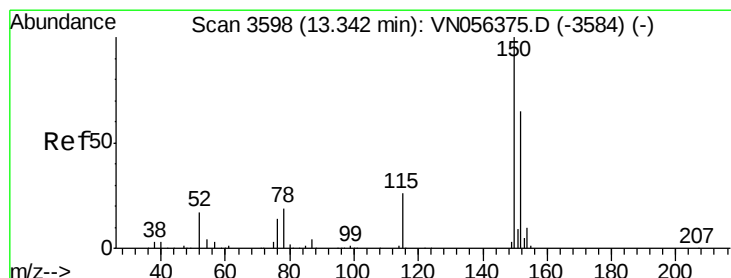
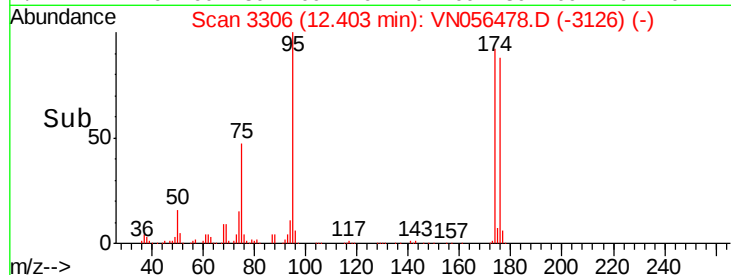
Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



Time--> 12.36 12.38 12.40 12.42



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056478.D

Acq: 25 Jun 2019 11:57

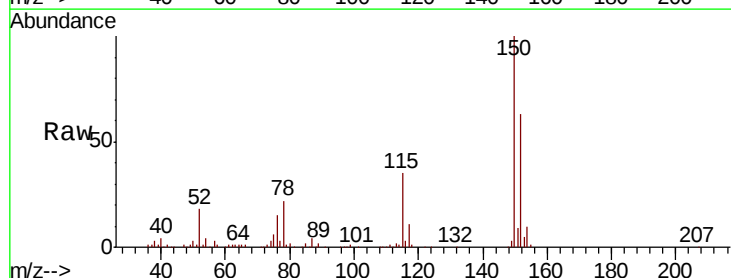
Tgt Ion:152 Resp: 179833

Ion Ratio Lower Upper

152 100

115 54.8 28.1 84.4

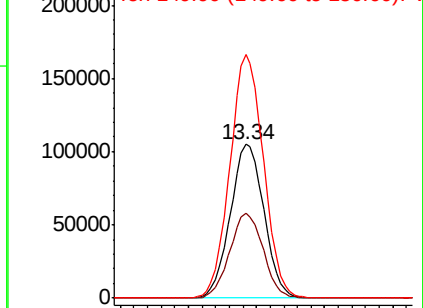
150 157.8 0.0 348.4



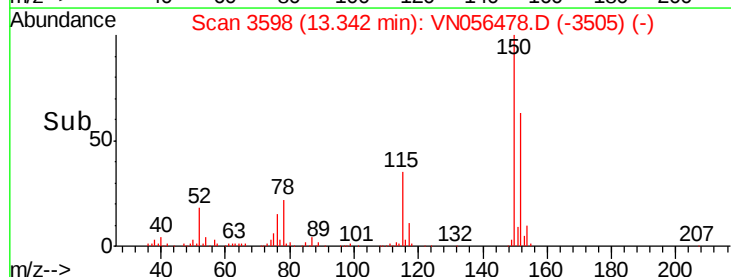
Abundance Ion 151.90 (151.60 to 152.60): V

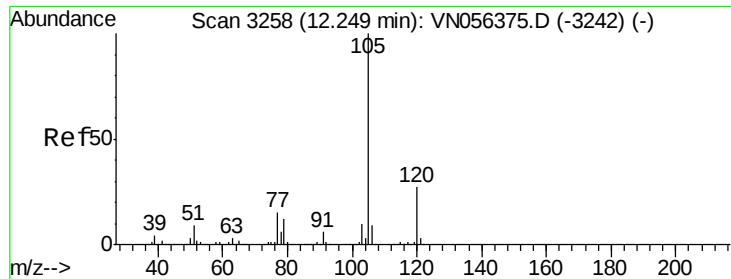
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time--> 13.25 13.30 13.35 13.40





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN056478.D

Acq: 25 Jun 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

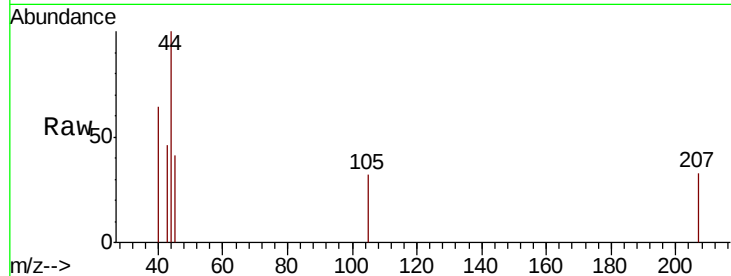
PB120881ZHE#10

Tot Ion:105 Resp: 29

Ion Ratio Lower Upper

105 100

120 0.0 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

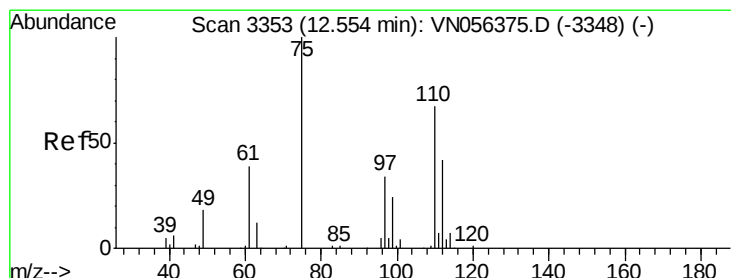
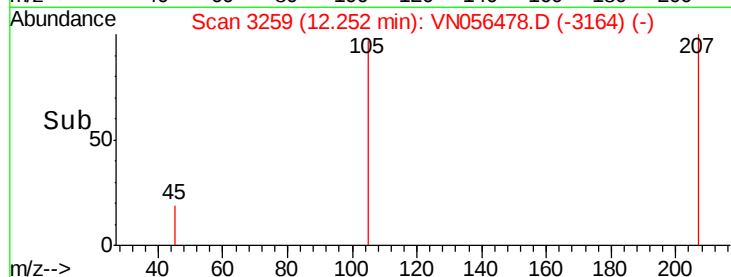
150

100

50

0

Time--> 12.24 12.25 12.26



#76

1,2,3-Trichloropropane

Concen: 31.625 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056478.D

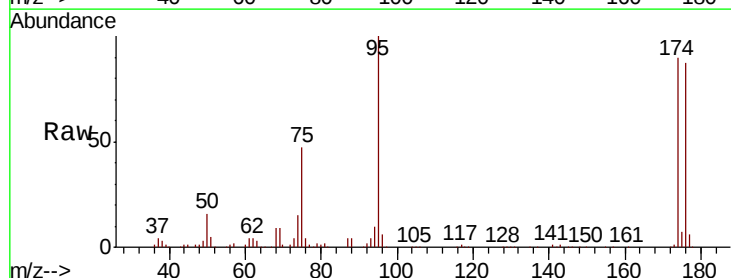
Acq: 25 Jun 2019 11:57

Tgt Ion: 75 Resp: 117926

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

80000

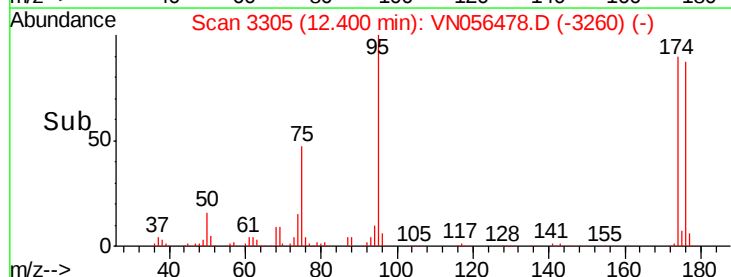
60000

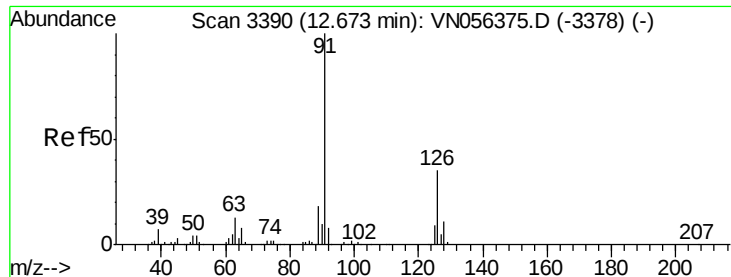
40000

20000

0

Time--> 12.35 12.40 12.45





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3392

Delta R.T. 0.01 min

Lab File: VN056478.D

Acq: 25 Jun 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

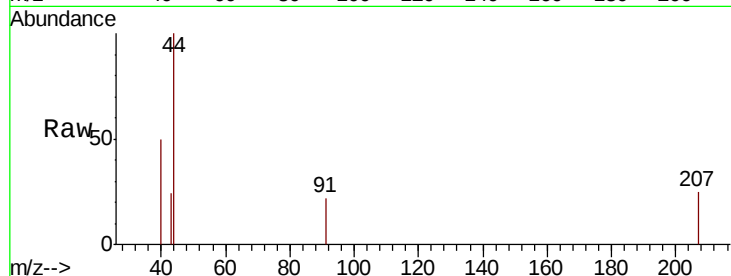
PB120881ZHE#10

Tot Ion: 91 Resp: 63

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN056375.D (-3378) (-)

12.68

150

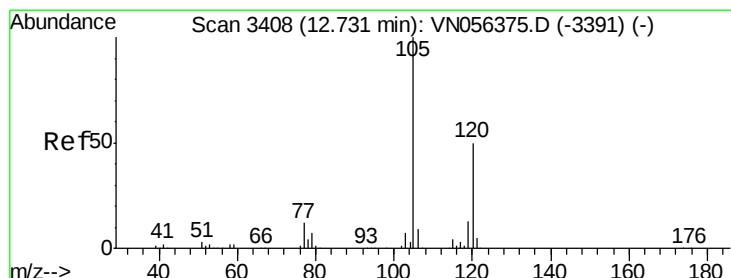
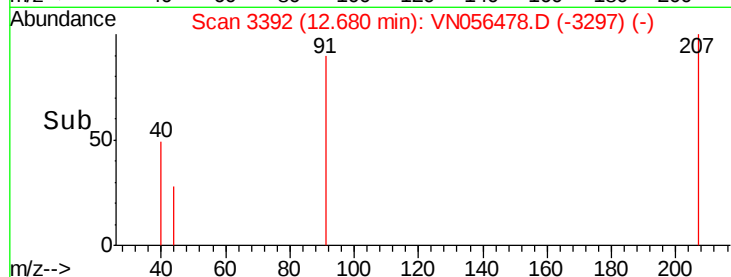
100

50

0

12.67 12.68 12.69

Time-->



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056478.D

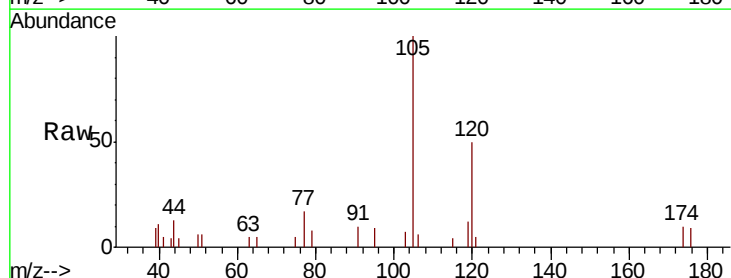
Acq: 25 Jun 2019 11:57

Tgt Ion: 105 Resp: 5919

Ion Ratio Lower Upper

105 100

120 51.5 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VN056375.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN056375.D (-3391) (-)

12.73

4000

3000

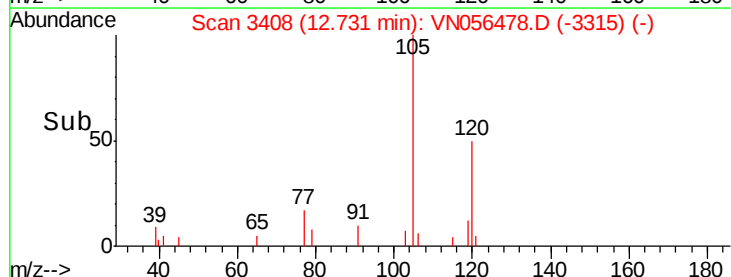
2000

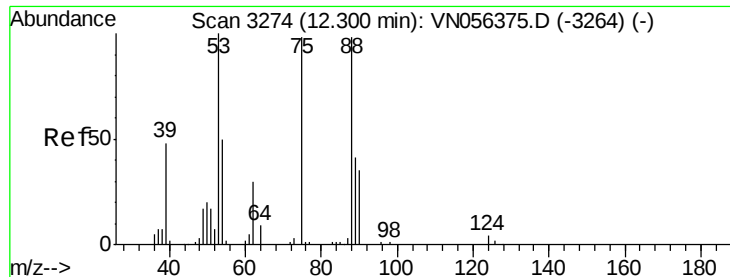
1000

0

12.70 12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 112.400 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056478.D

Acq: 25 Jun 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

PB120881ZHE#10

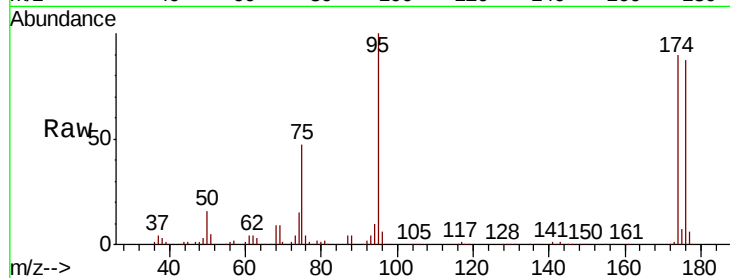
Tot Ion: 75 Resp: 117926

Ion Ratio Lower Upper

75 100

53 0.0 83.9 125.9#

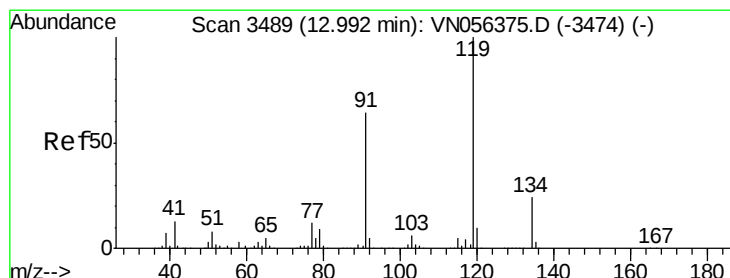
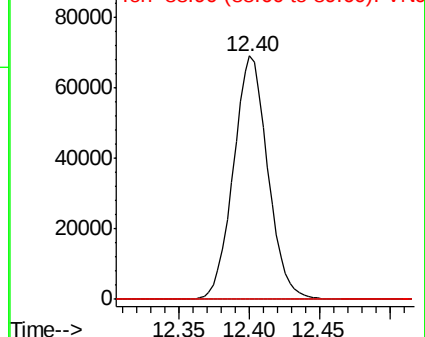
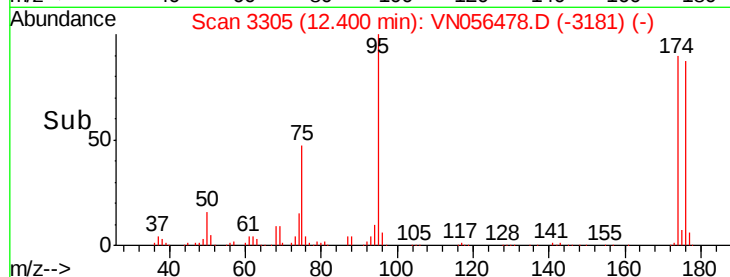
89 0.0 35.0 52.6#



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



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3407

Delta R.T. -0.26 min

Lab File: VN056478.D

Acq: 25 Jun 2019 11:57

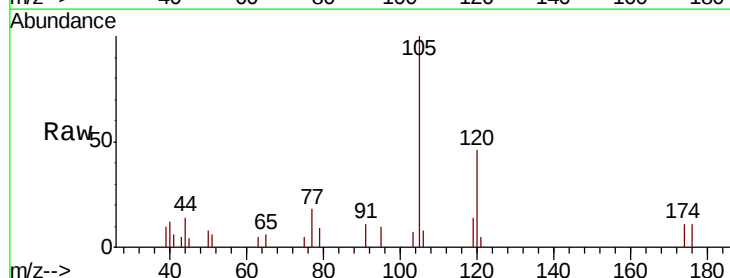
Tgt Ion: 119 Resp: 701

Ion Ratio Lower Upper

119 100

91 68.3 31.6 94.7

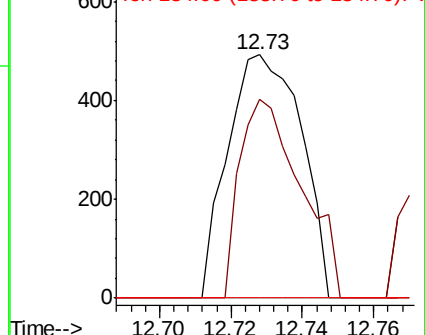
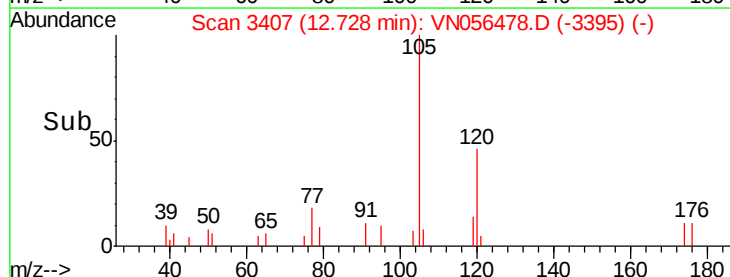
134 0.0 13.2 39.5#

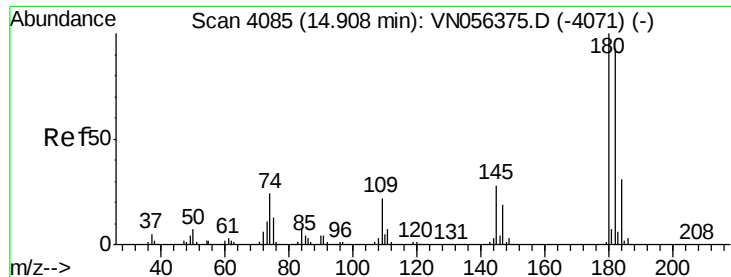


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V

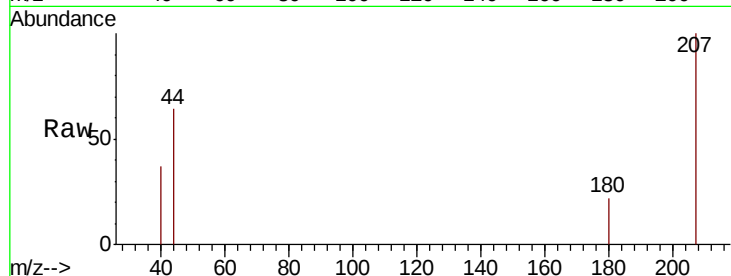




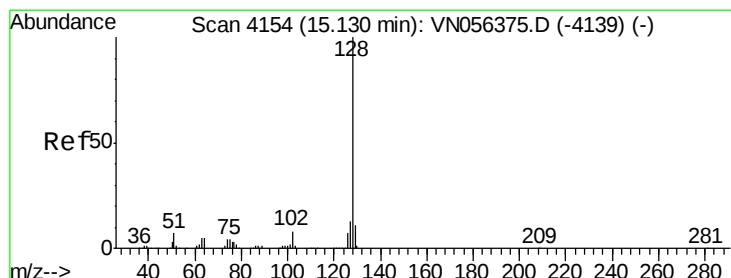
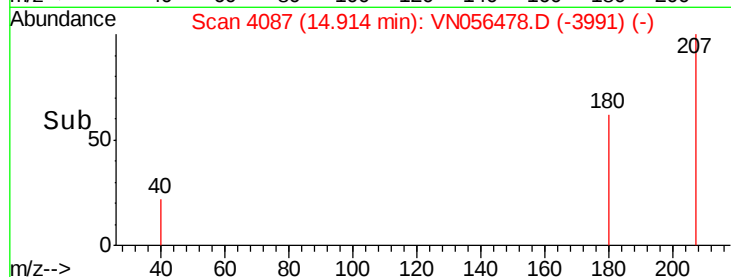
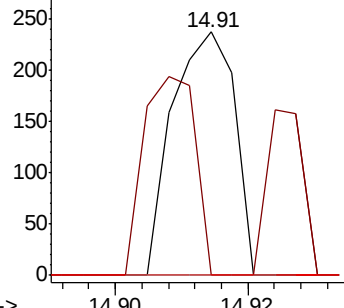
#93
 1,2,4-Trichlorobenzene
 Concen: 5.658 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN056478.D
 Acq: 25 Jun 2019 11:57

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120881ZHE#10

Tot Ion:180 Resp: 155
 Ion Ratio Lower Upper
 180 100
 182 67.7 46.9 140.6
 145 0.0 14.4 43.0#

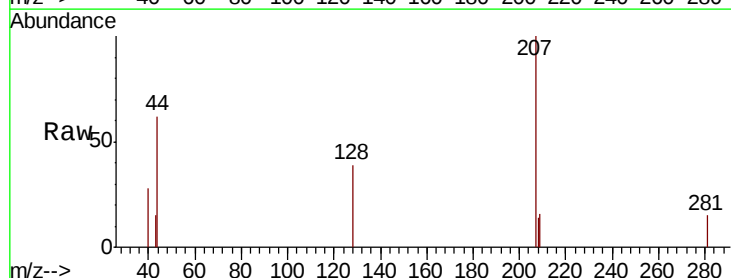


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

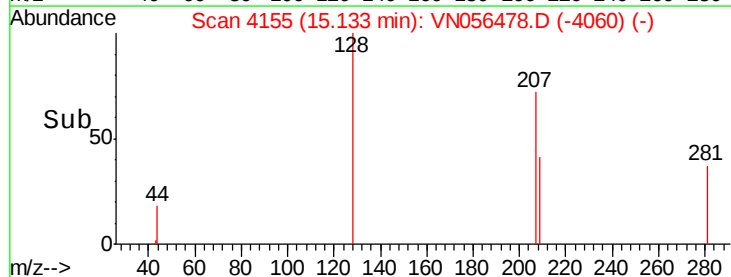
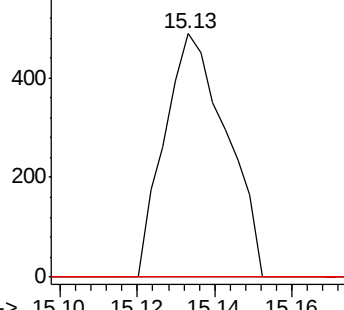


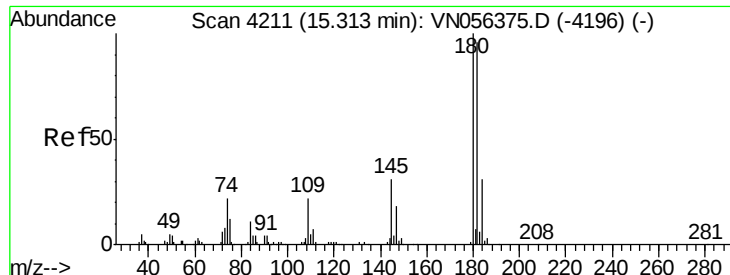
#95
 Naphthalene
 Concen: 5.304 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN056478.D
 Acq: 25 Jun 2019 11:57

Tgt Ion:128 Resp: 543
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.2#
 129 0.0 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

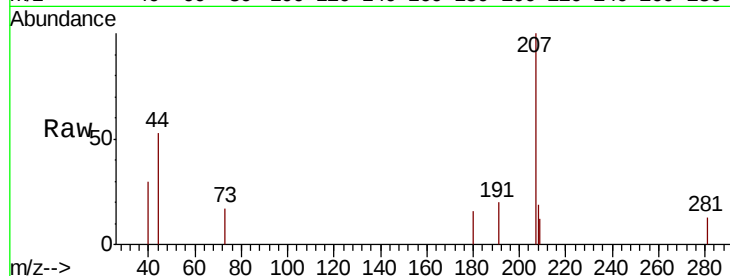




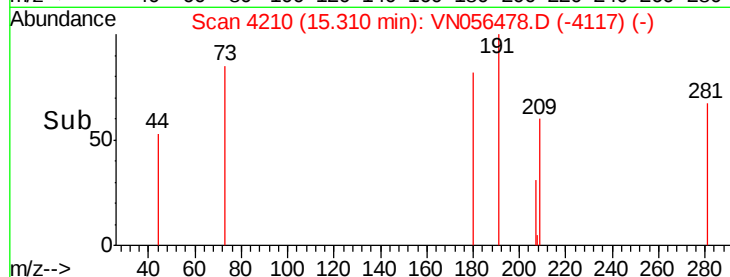
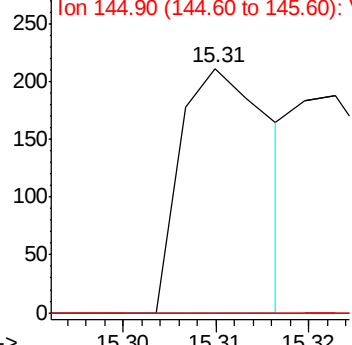
#96
 1,2,3-Trichlorobenzene
 Concen: 4.521 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. -0.00 min
 Lab File: VN056478.D
 Acq: 25 Jun 2019 11:57

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120881ZHE#10

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.3	144.8#
145	0.0	15.4	46.1#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V



Time-->