

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056460.D
 Acq On : 24 Jun 2019 16:56
 Operator : JC/SP
 Sample : K3482-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Jun 25 01:22:43 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	377397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	639819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	650995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	200973	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	214034	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	
35) Dibromofluoromethane	7.59	113	183695	46.02	ug/l	0.00
Spiked Amount			Recovery	=	92.04%	
50) Toluene-d8	10.09	98	808625	52.07	ug/l	0.00
Spiked Amount			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.40	95	272522	52.64	ug/l	0.00
Spiked Amount			Recovery	=	105.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.55	41	3449	0.621	ug/l #	36
16) Acetone	3.82	43	9736	4.646	ug/l	94
18) Methyl Acetate	4.33	43	10425	1.702	ug/l	94
20) Methylene Chloride	4.55	84	103378	25.736	ug/l	99
25) 2-Butanone	6.86	43	4445	1.603	ug/l	92
27) cis-1,2-Dichloroethene	6.83	96	7060	1.679	ug/l	97
29) Tetrahydrofuran	7.22	42	774	0.457	ug/l	89
30) Chloroform	7.36	83	3060	0.464	ug/l	89
31) Cyclohexane	7.66	56	7326	1.134	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	24057	4.272	ug/l #	48
38) Carbon Tetrachloride	7.67	117	32791	6.658	ug/l #	15
39) Methylcyclohexane	9.08	83	2309	0.332	ug/l	89
41) Methacrylonitrile	7.22	41	586	0.240	ug/l #	17
43) Isopropyl Acetate	8.17	43	18219	2.135	ug/l #	85
44) Trichloroethene	8.83	130	11830	2.535	ug/l	98
45) 1,2-Dichloropropane	9.27	63	2143	0.463	ug/l #	43
48) Methyl methacrylate	9.18	41	8684	2.031	ug/l #	12
51) 4-Methyl-2-Pentanone	9.99	43	5011	0.910	ug/l	96
53) t-1,3-Dichloropropene	10.09	75	29	2.896	ug/l #	70
54) cis-1,3-Dichloropropene	9.90	75	63043	10.184	ug/l #	59
57) 1,3-Dichloropropane	10.76	76	14291	1.998	ug/l #	42
59) 2-Hexanone	10.76	43	194402	48.021	ug/l #	51
60) Dibromochloromethane	10.63	129	398	2.468	ug/l #	10
68) m/p-Xylenes	11.62	106	3124	0.371	ug/l	100
71) Bromoform	12.40	173	2184	3.716	ug/l #	1
73) Isopropylbenzene	12.25	105	772	Below Cal		77
76) 1,2,3-Trichloropropane	12.40	75	125050	30.008	ug/l #	100
77) Bromobenzene	12.53	156	1811	0.403	ug/l #	1
78) n-propylbenzene	12.59	91	4068	0.221	ug/l	98
79) 2-Chlorotoluene	12.65	91	1082	Below Cal	#	40
80) 1,3,5-Trimethylbenzene	12.73	105	6122	Below Cal		95
81) trans-1,4-Dichloro-2-buten	12.40	75	125050	106.653	ug/l #	8
83) tert-Butylbenzene	12.98	119	194	Below Cal	#	58
84) 1,2,4-Trimethylbenzene	13.04	105	13442	0.994	ug/l	97

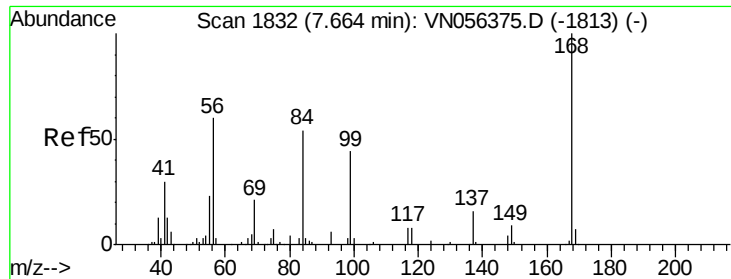
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
Data File : VN056460.D
Acq On : 24 Jun 2019 16:56
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Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.61	91	2231	0.212	ug/l #	81
93) 1,2,4-Trichlorobenzene	14.92	180	389	5.712	ug/l	91
94) Hexachlorobutadiene	15.01	225	132	Below Cal	#	18
95) Naphthalene	15.14	128	5409	5.771	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.31	180	437	4.591	ug/l #	43

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056460.D

Acq: 24 Jun 2019 16:56

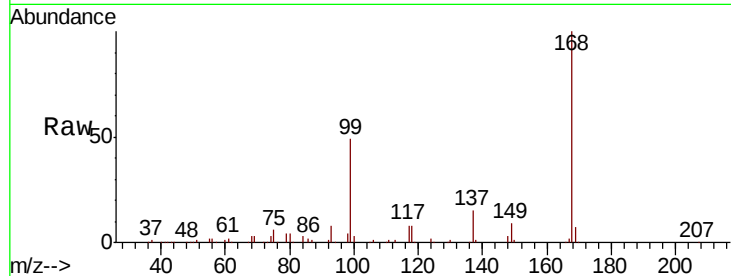
Instrument :
MSVOA_N
ClientSampled :
TP-2

Tot Ion:168 Resp: 377397

Ion Ratio Lower Upper

168 100

99 49.1 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

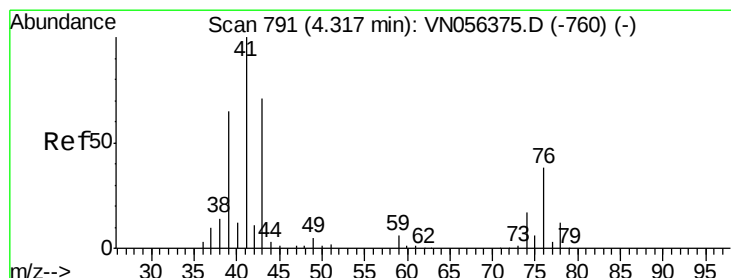
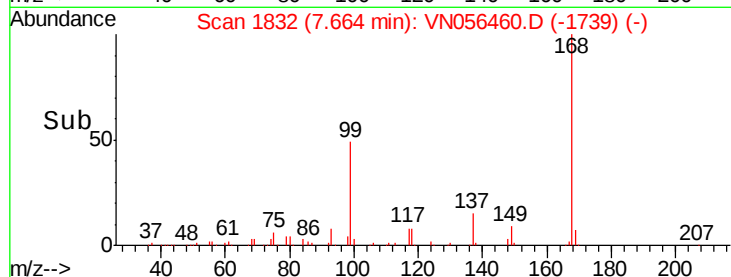
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#14

Allyl chloride

Concen: 0.621 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.24 min

Lab File: VN056460.D

Acq: 24 Jun 2019 16:56

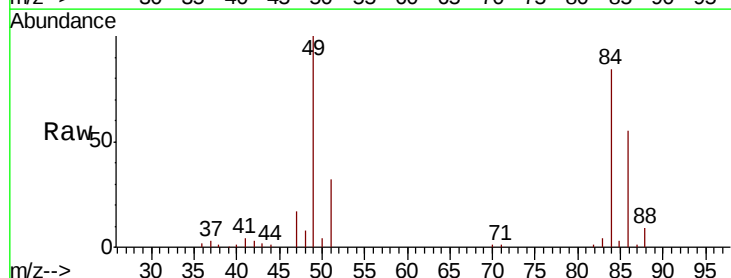
Tgt Ion: 41 Resp: 3449

Ion Ratio Lower Upper

41 100

39 10.1 48.6 73.0#

76 0.0 26.6 40.0#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN

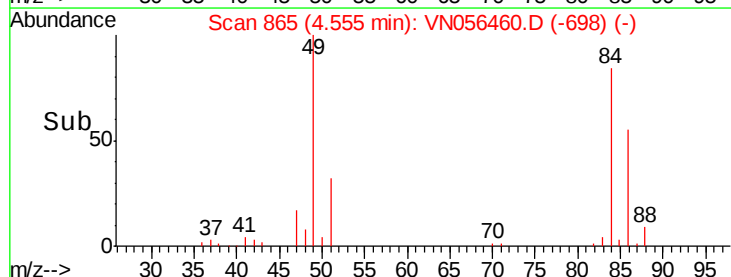
1500

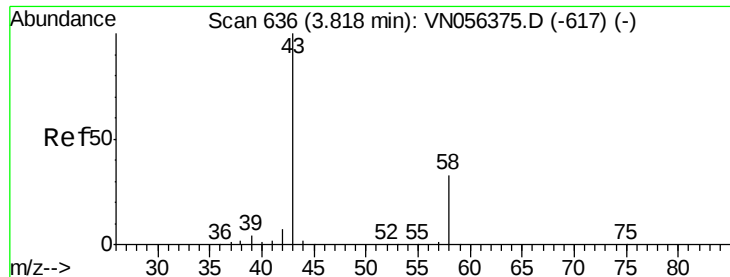
1000

500

0

Time--> 4.50 4.55





#16

Acetone

Concen: 4.646 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056460.D

Acq: 24 Jun 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

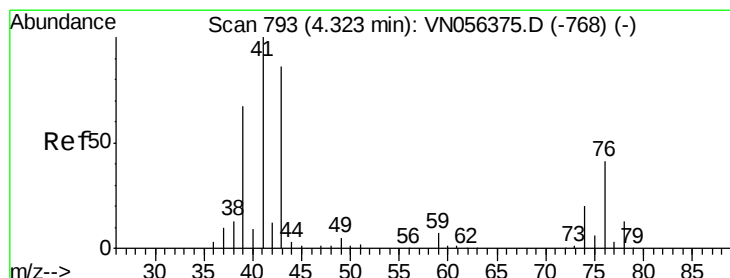
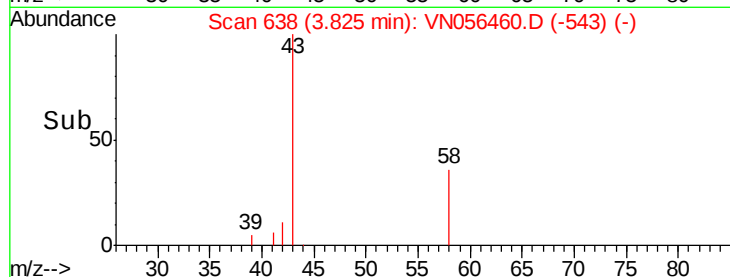
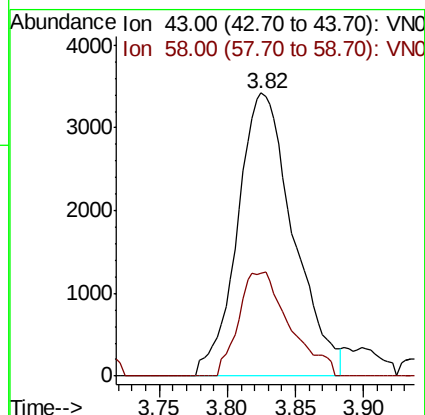
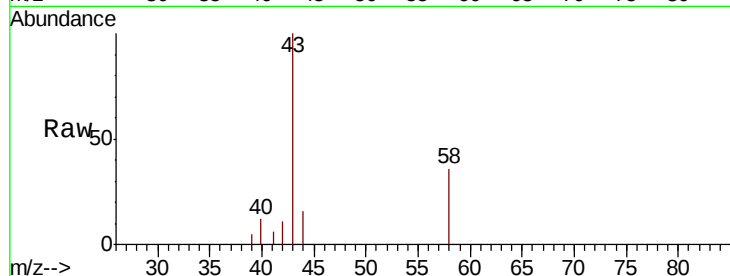
TP-2

Tot Ion: 43 Resp: 9736

Ion Ratio Lower Upper

43 100

58 36.4 26.4 39.6



#18

Methyl Acetate

Concen: 1.702 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN056460.D

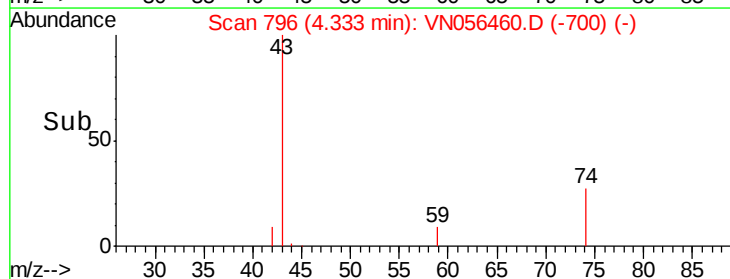
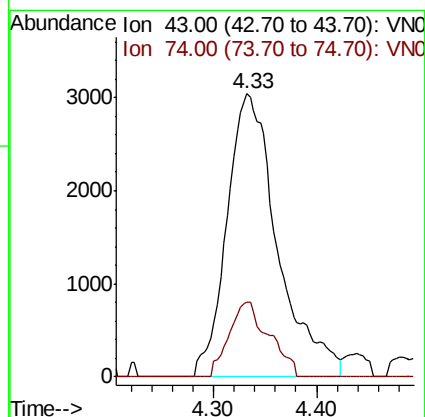
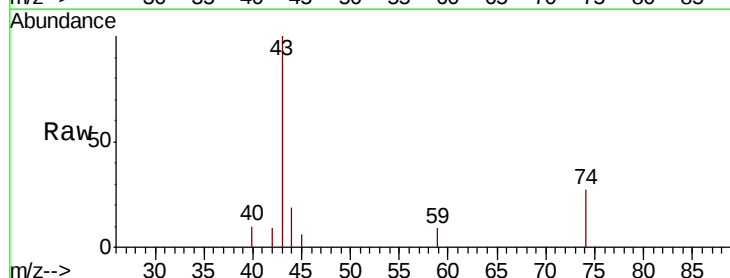
Acq: 24 Jun 2019 16:56

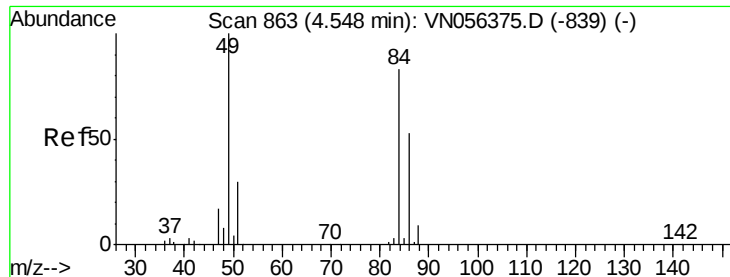
Tgt Ion: 43 Resp: 10425

Ion Ratio Lower Upper

43 100

74 20.8 19.2 28.8

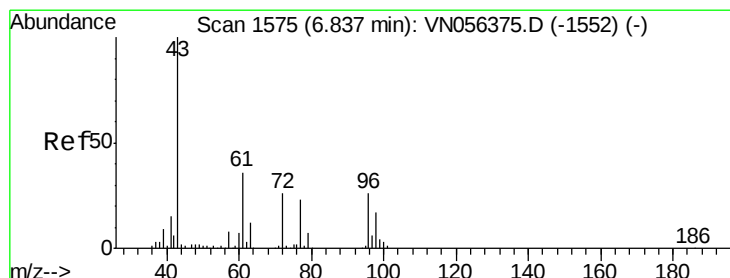
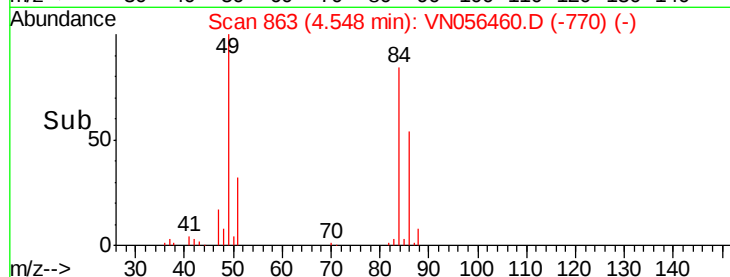
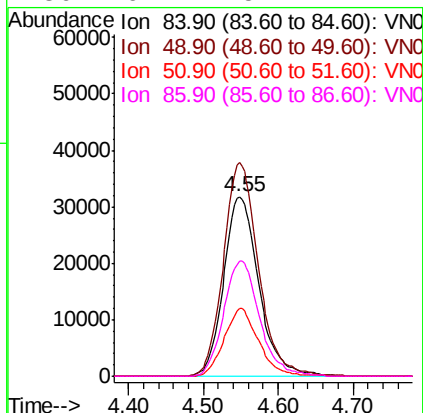
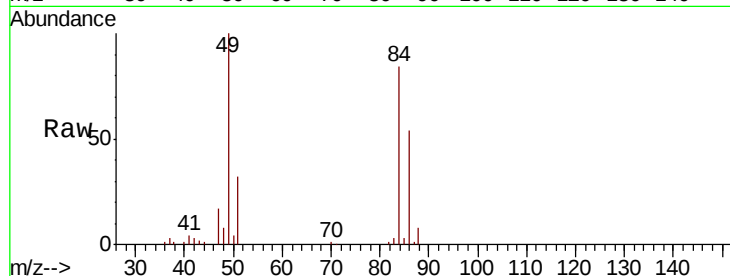




#20
Methvlene Chloride
Concen: 25.736 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056460.D
Acq: 24 Jun 2019 16:56

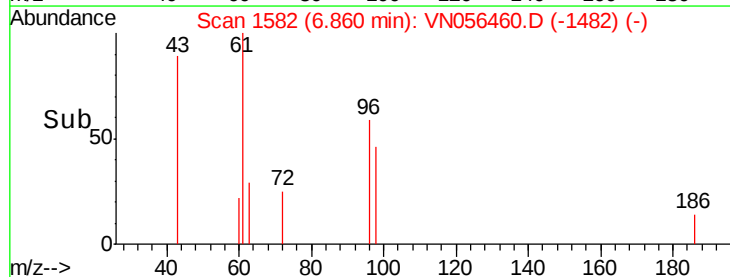
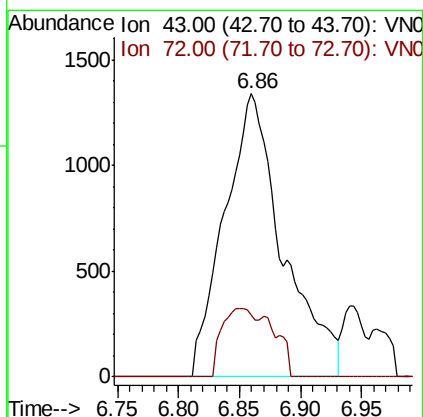
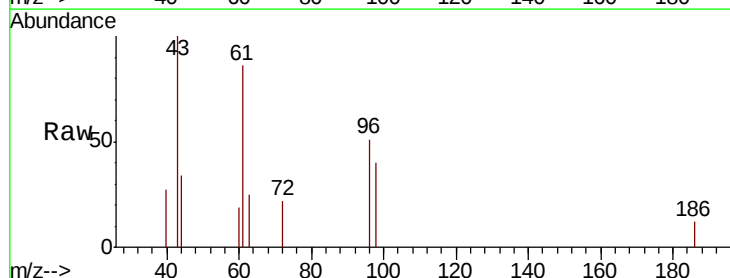
Instrument :
MSVOA_N
ClientSampled :
TP-2

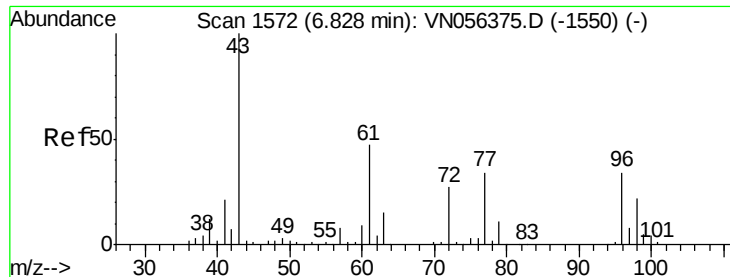
Tot Ion: 84 Resp: 103378
Ion Ratio Lower Upper
84 100
49 119.1 96.4 144.6
51 37.9 28.6 43.0
86 64.1 51.4 77.2



#25
2-Butanone
Concen: 1.603 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.02 min
Lab File: VN056460.D
Acq: 24 Jun 2019 16:56

Tgt Ion: 43 Resp: 4445
Ion Ratio Lower Upper
43 100
72 21.8 20.6 31.0





#27

cis-1,2-Dichloroethene

Concen: 1.679 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

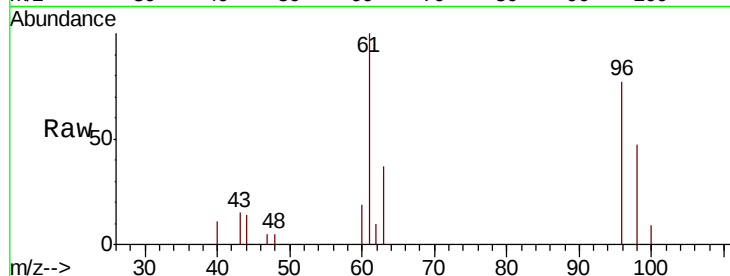
Lab File: VN056460.D

Acq: 24 Jun 2019 16:56

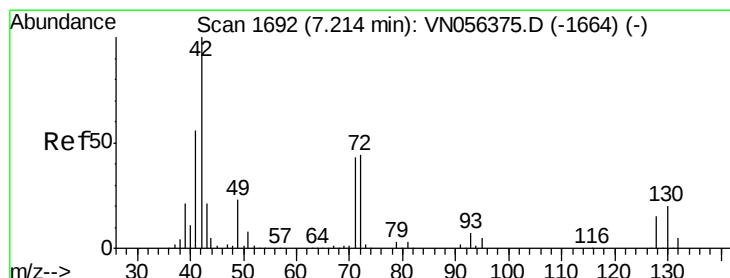
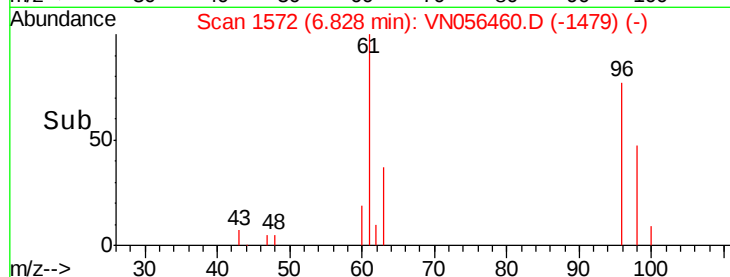
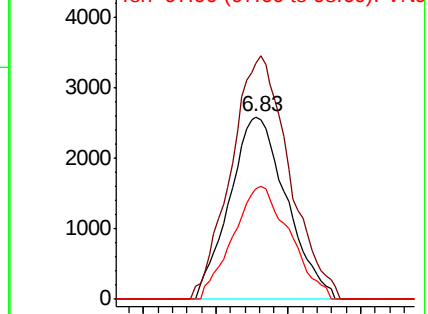
Instrument :
MSVOA_N
ClientSampled :
TP-2

Tot Ion: 96 Resp: 7060

Ion	Ratio	Lower	Upper
96	100		
61	136.2	0.0	279.8
98	61.7	0.0	130.0



Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC



#29

Tetrahydrofuran

Concen: 0.457 ug/l

RT: 7.22 min Scan# 1693

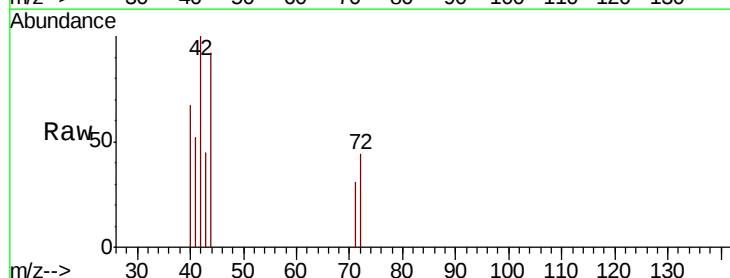
Delta R.T. 0.00 min

Lab File: VN056460.D

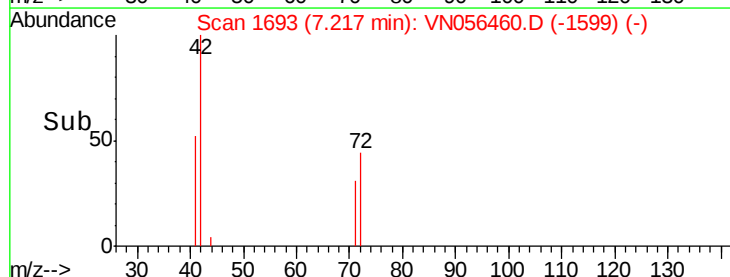
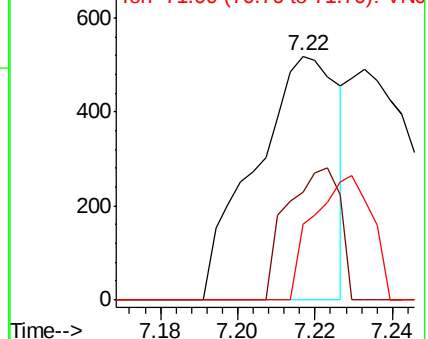
Acq: 24 Jun 2019 16:56

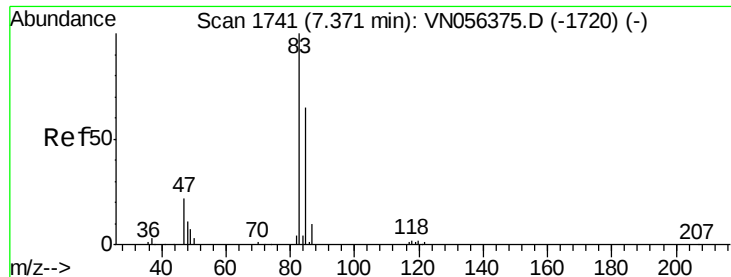
Tgt Ion: 42 Resp: 774

Ion	Ratio	Lower	Upper
42	100		
72	34.8	34.7	52.1
71	35.9	33.0	49.6



Abundance Ion 42.00 (41.70 to 42.70): VNC
Ion 72.00 (71.70 to 72.70): VNC
Ion 71.00 (70.70 to 71.70): VNC

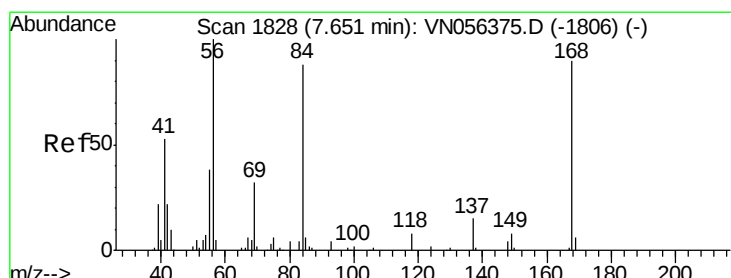
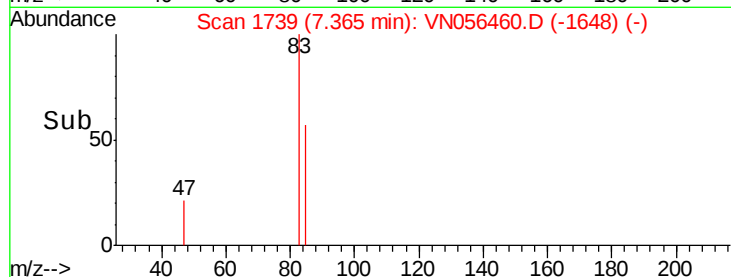
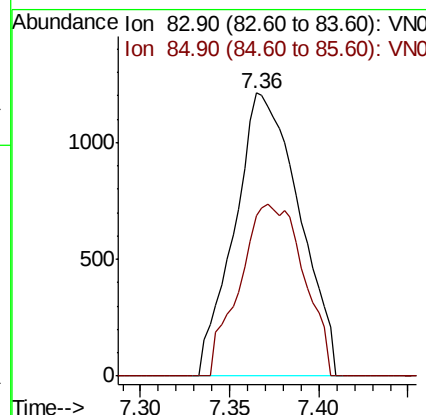
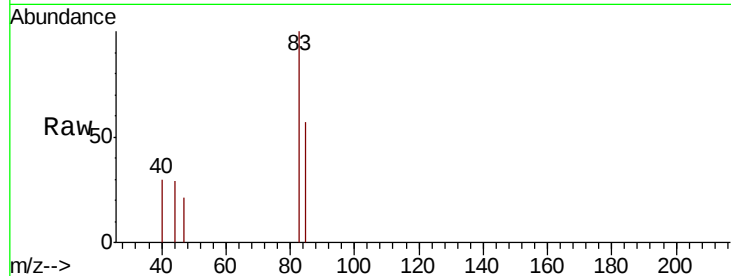




#30
Chloroform
Concen: 0.464 ug/l
RT: 7.36 min Scan# 1739
Delta R.T. -0.01 min
Lab File: VN056460.D
Acq: 24 Jun 2019 16:56

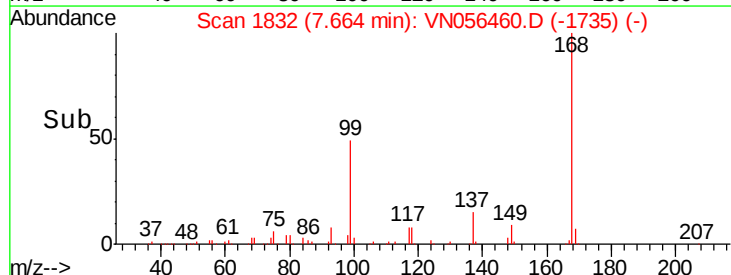
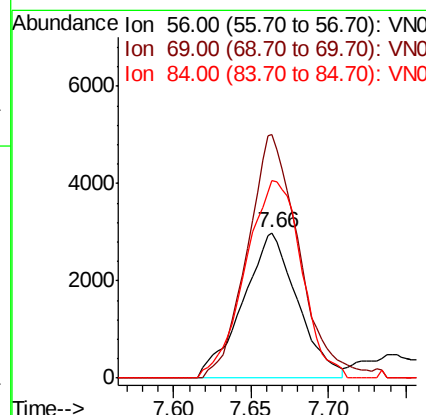
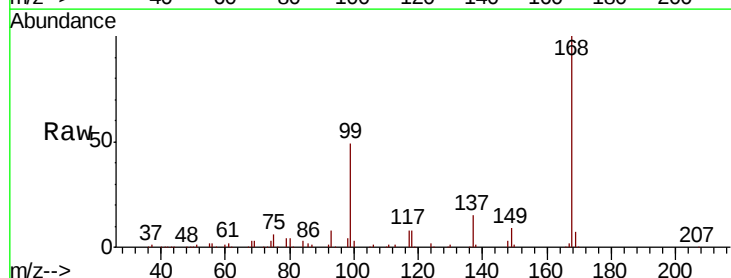
Instrument :
MSVOA_N
ClientSampled :
TP-2

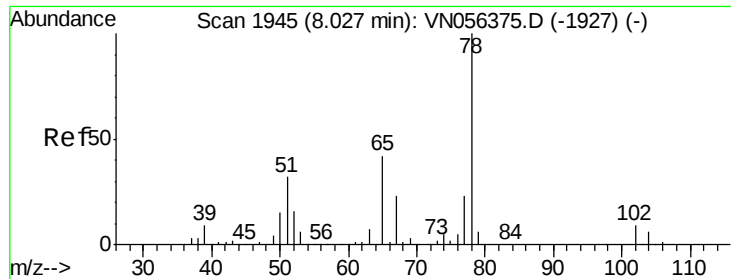
Tot Ion: 83 Resp: 3060
Ion Ratio Lower Upper
83 100
85 56.9 52.3 78.5



#31
Cyclohexane
Concen: 1.134 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN056460.D
Acq: 24 Jun 2019 16:56

Tgt Ion: 56 Resp: 7326
Ion Ratio Lower Upper
56 100
69 167.7 25.8 38.6#
84 136.0 69.4 104.0#

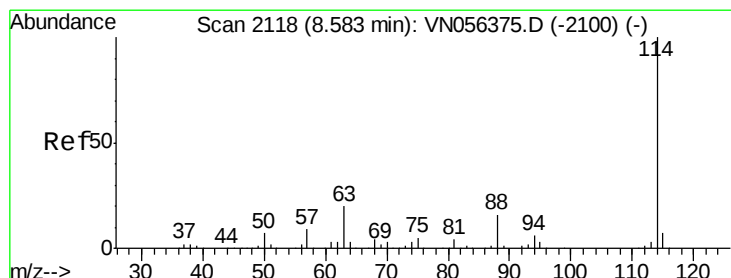
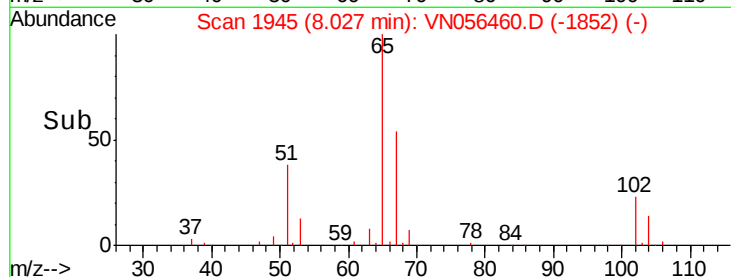
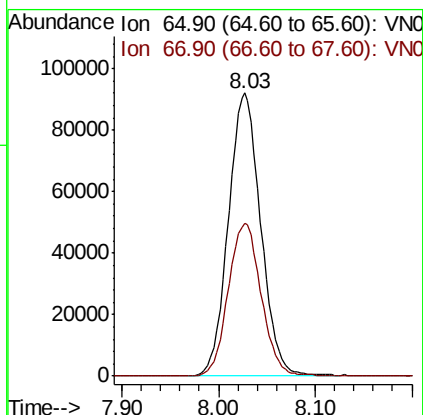
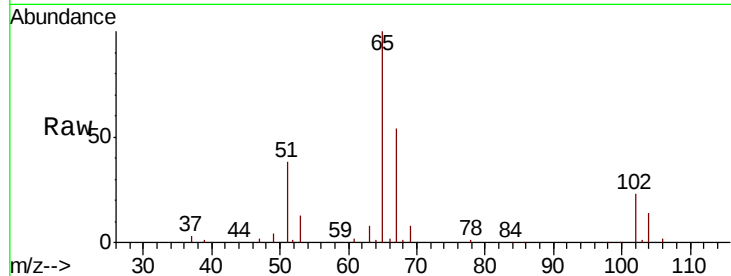




#33
 1,2-Dichloroethane-d4
 Concen: 51.171 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056460.D
 Acq: 24 Jun 2019 16:56

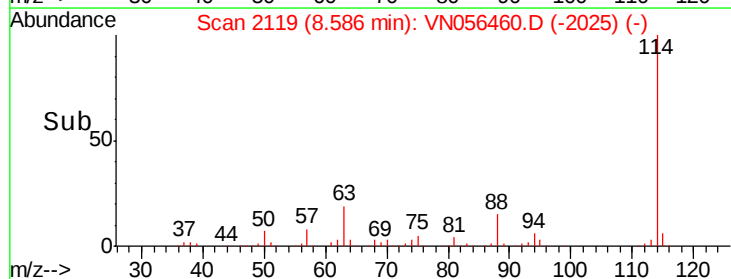
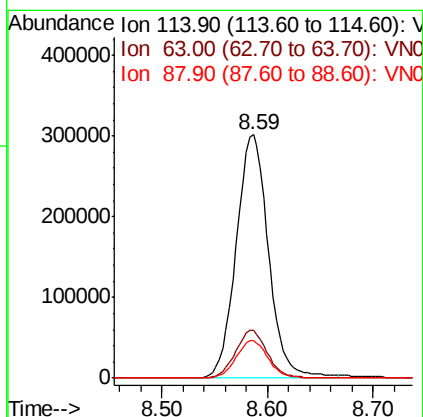
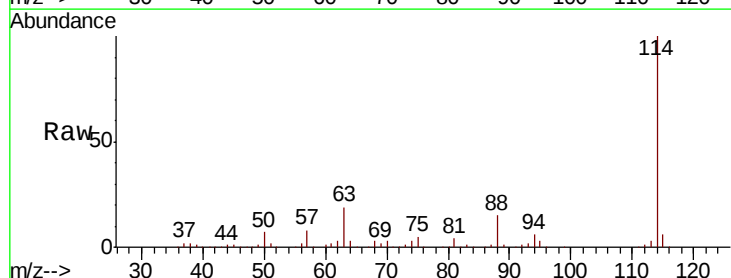
Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

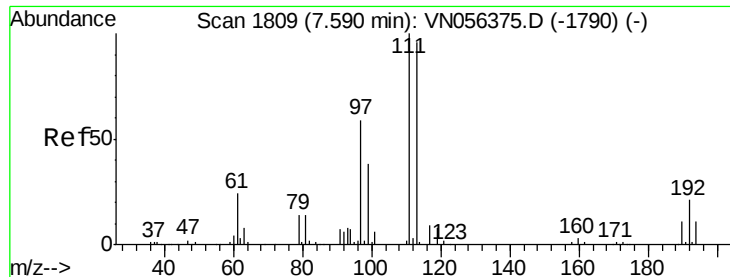
Tot Ion: 65 Resp: 214034
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056460.D
 Acq: 24 Jun 2019 16:56

Tgt Ion: 114 Resp: 639819
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 15.3 0.0 31.4

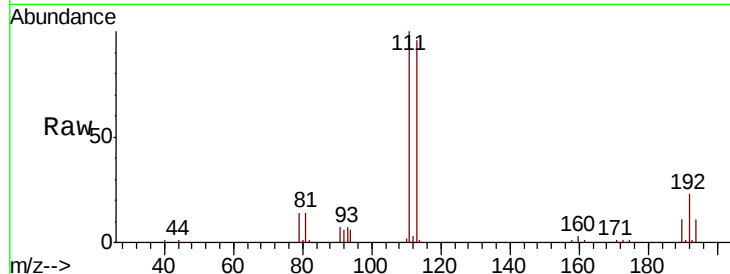




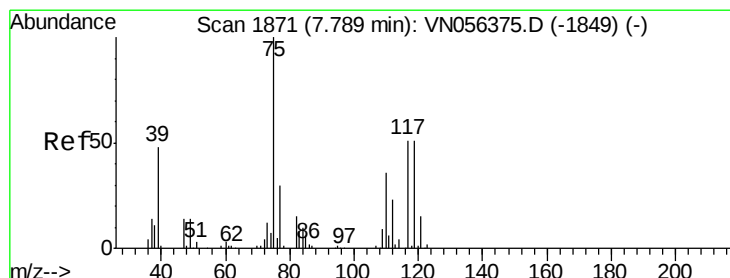
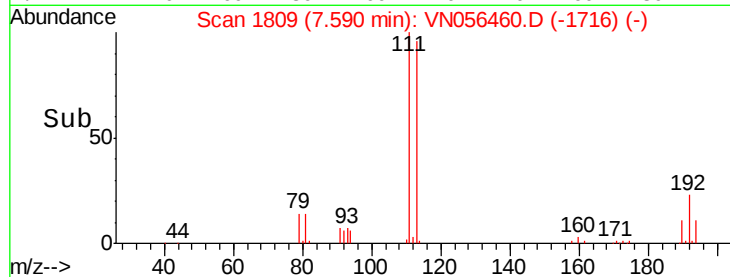
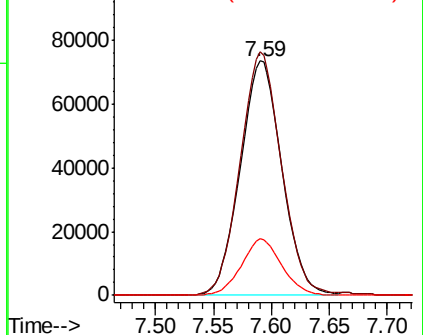
#35
 Dibromofluoromethane
 Concen: 46.023 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056460.D
 Acq: 24 Jun 2019 16:56

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	23.4	17.7	26.5

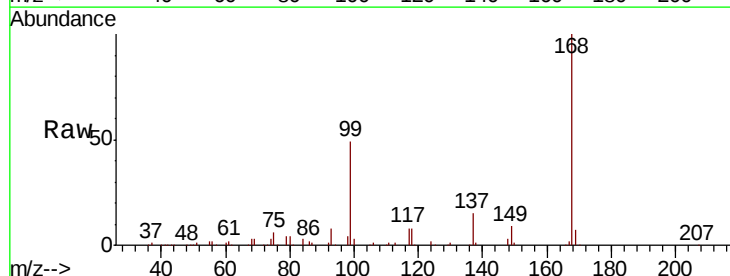


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

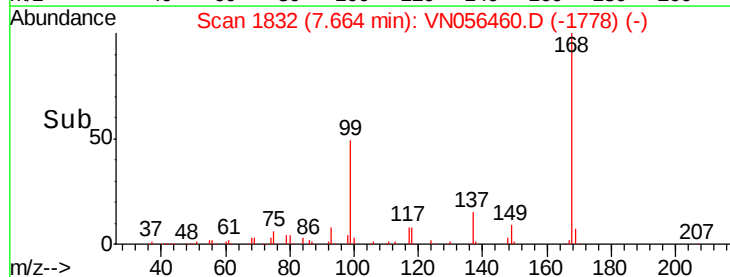
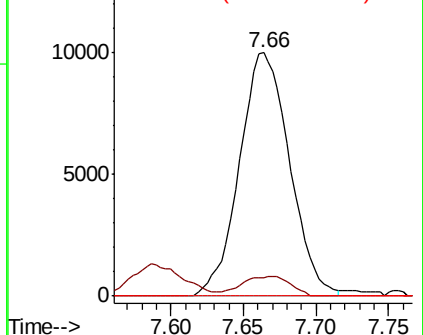


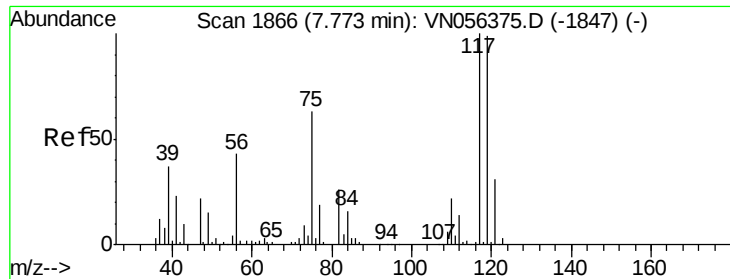
#36
 1,1-Dichloropropene
 Concen: 4.272 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056460.D
 Acq: 24 Jun 2019 16:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.1	54.3#
77	0.0	24.6	36.8#



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO

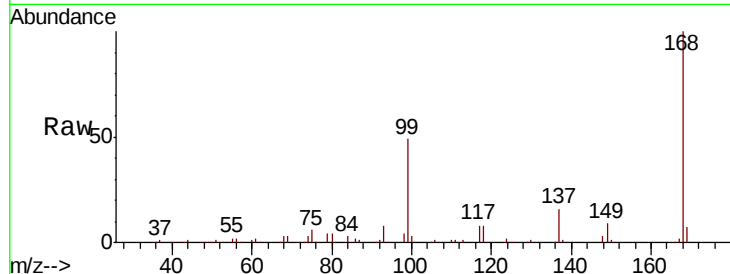




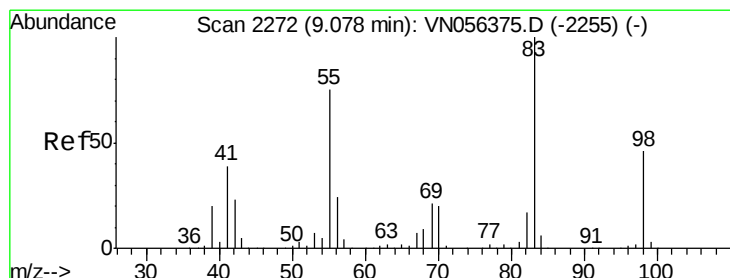
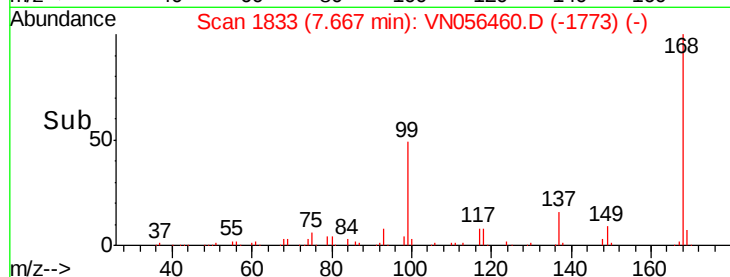
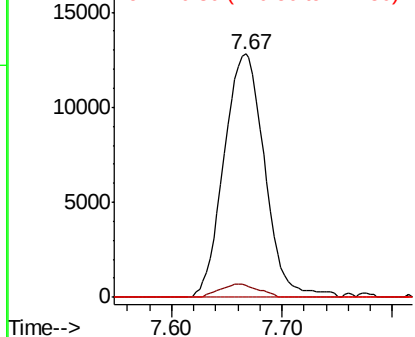
#38
Carbon Tetrachloride
Concen: 6.658 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN056460.D
Acq: 24 Jun 2019 16:56

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tot Ion:117 Resp: 32791
Ion Ratio Lower Upper
117 100
119 5.0 79.1 118.7#
121 0.0 24.8 37.2#

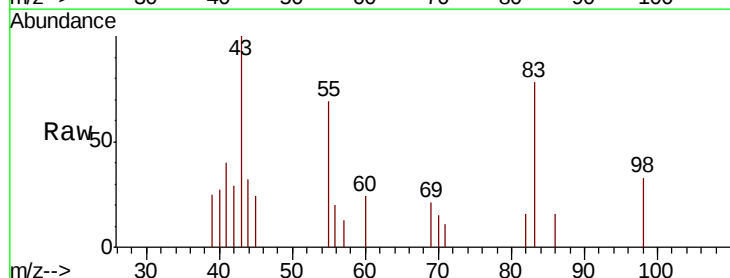


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

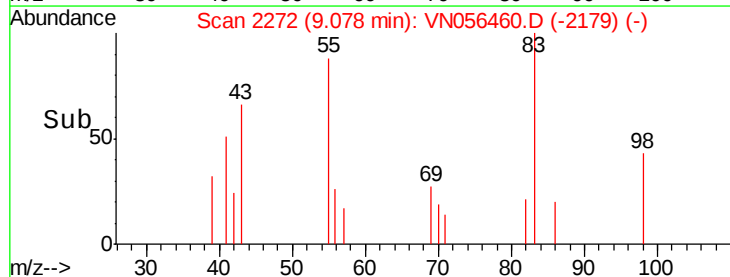
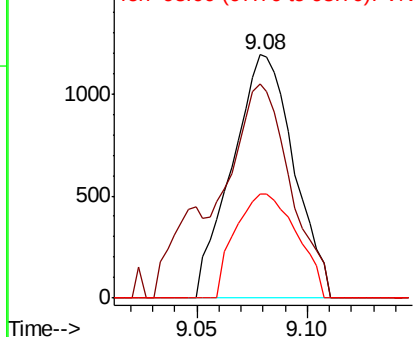


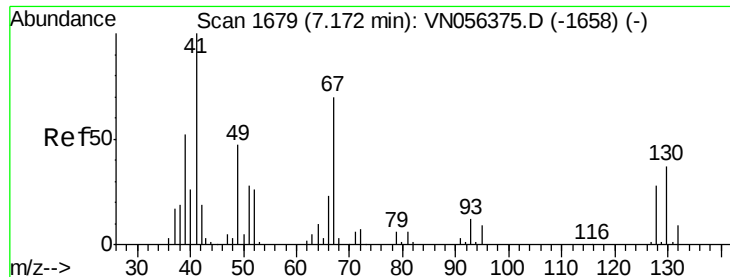
#39
Methylcyclohexane
Concen: 0.332 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056460.D
Acq: 24 Jun 2019 16:56

Tgt Ion: 83 Resp: 2309
Ion Ratio Lower Upper
83 100
55 88.1 60.0 90.0
98 42.7 36.6 54.8



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 98.00 (97.70 to 98.70): V

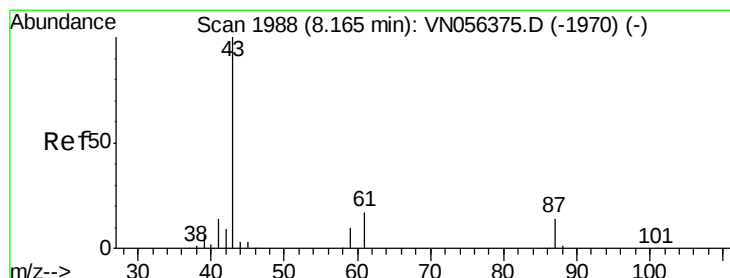
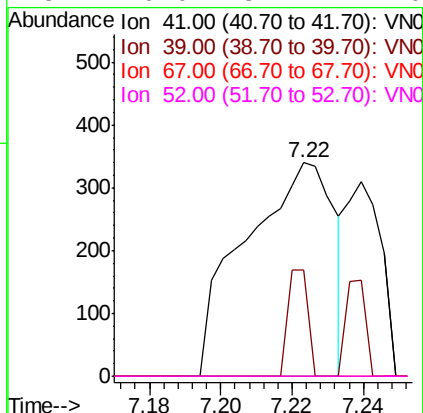
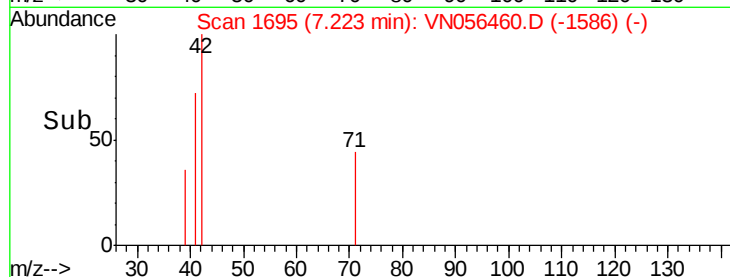
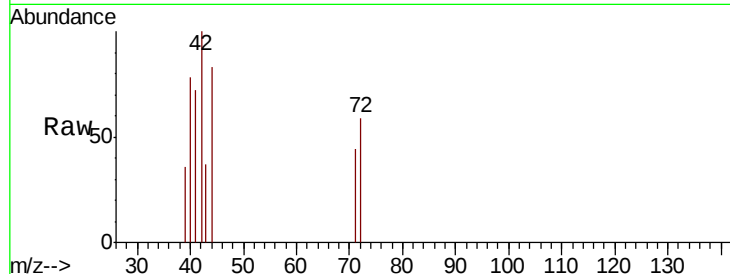




#41
Methacrylonitrile
Concen: 0.240 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.05 min
Lab File: VN056460.D
Acq: 24 Jun 2019 16:56

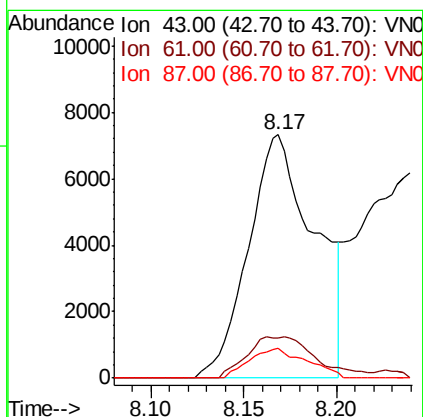
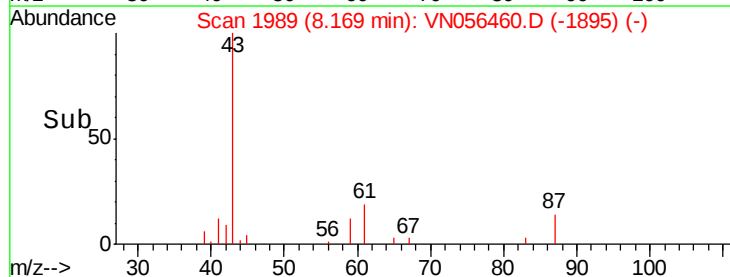
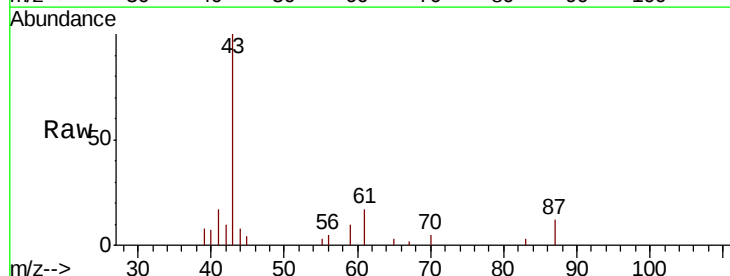
Instrument :
MSVOA_N
ClientSampled :
TP-2

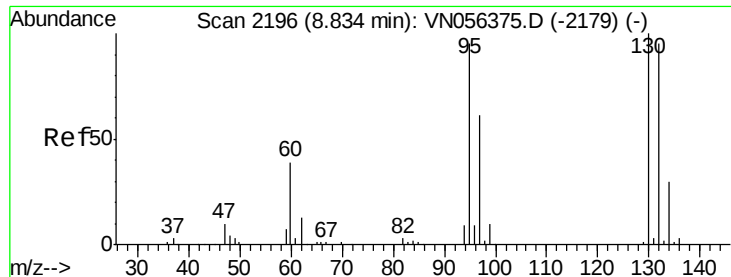
Tot Ion: 41 Resp: 586
Ion Ratio Lower Upper
41 100
39 11.1 55.3 82.9#
67 0.0 79.2 118.8#
52 0.0 31.4 47.0#



#43
Isopropyl Acetate
Concen: 2.135 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN056460.D
Acq: 24 Jun 2019 16:56

Tgt Ion: 43 Resp: 18219
Ion Ratio Lower Upper
43 100
61 17.8 22.0 33.0#
87 10.6 11.0 16.4#

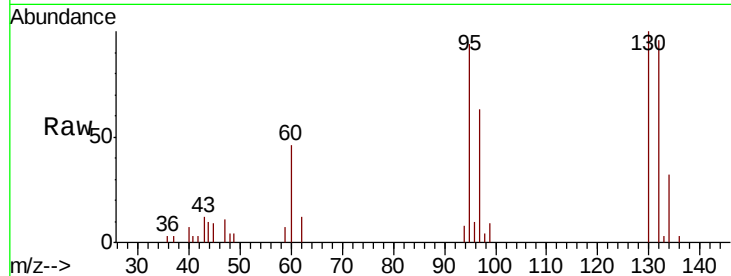




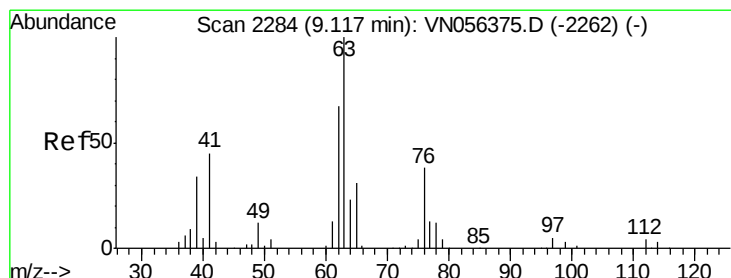
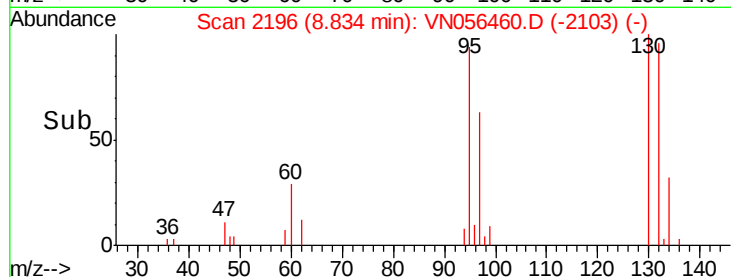
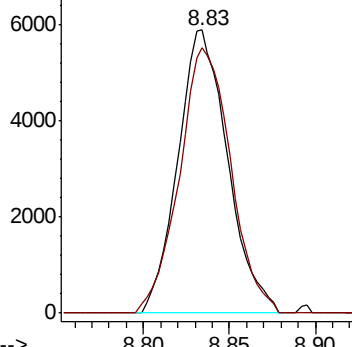
#44
 Trichloroethene
 Concen: 2.535 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN056460.D
 Acq: 24 Jun 2019 16:56

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Tot Ion:130 Resp: 11830
 Ion Ratio Lower Upper
 130 100
 95 93.8 0.0 191.0

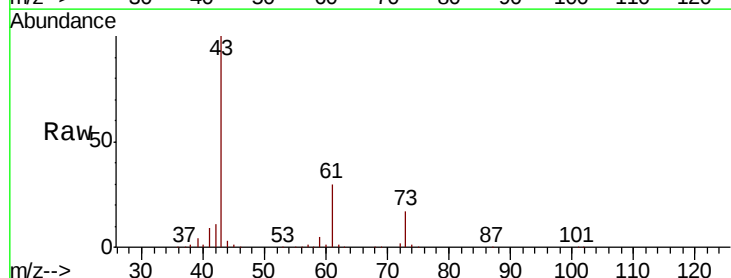


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0

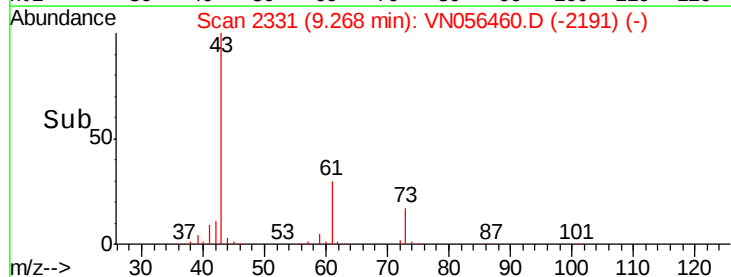
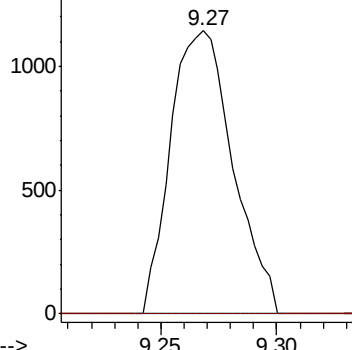


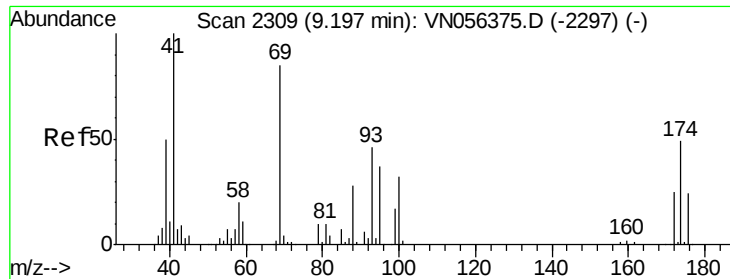
#45
 1,2-Dichloropropane
 Concen: 0.463 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN056460.D
 Acq: 24 Jun 2019 16:56

Tgt Ion: 63 Resp: 2143
 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

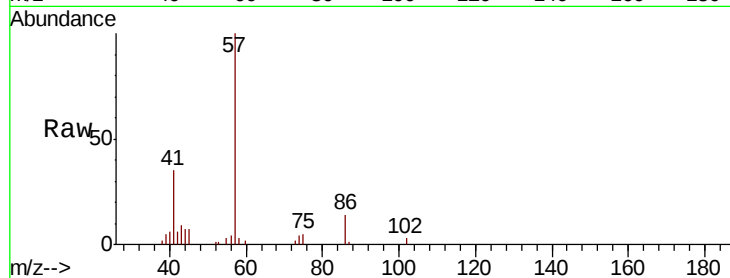




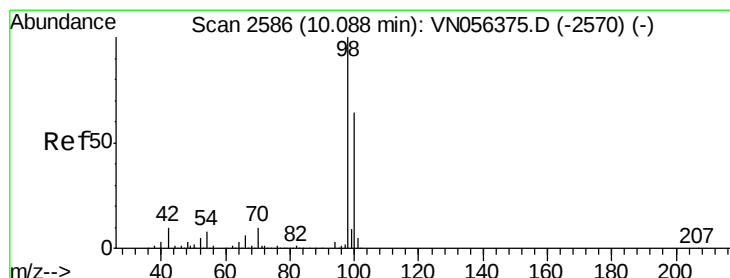
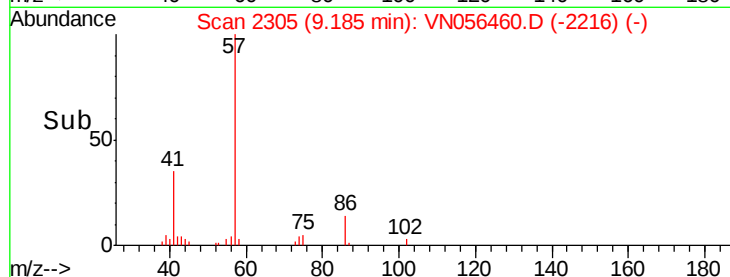
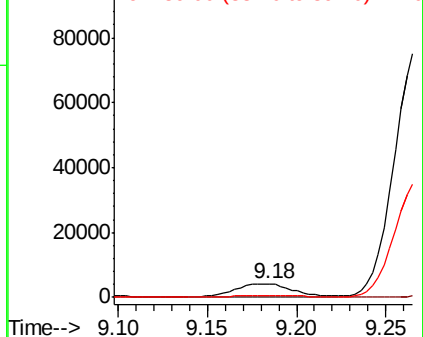
#48
Methyl methacrylate
Concen: 2.031 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.01 min
Lab File: VN056460.D
Acq: 24 Jun 2019 16:56

Instrument :
MSVOA_N
ClientSampled :
TP-2

Tot Ion: 41 Resp: 8684
Ion Ratio Lower Upper
41 100
69 0.0 72.6 109.0#
39 0.0 42.6 63.8#

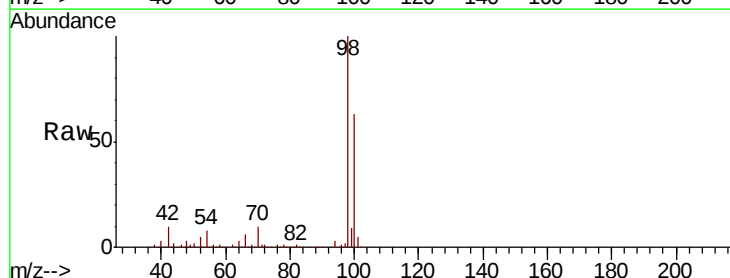


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

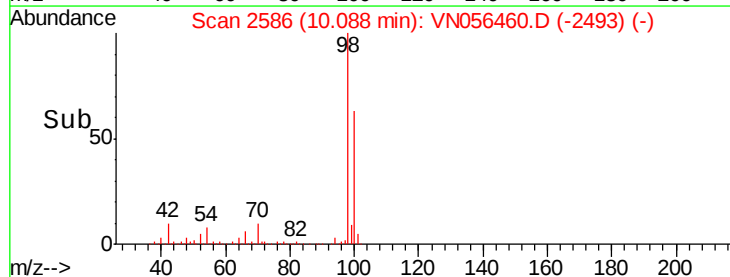
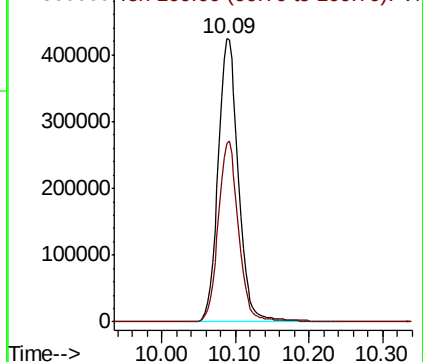


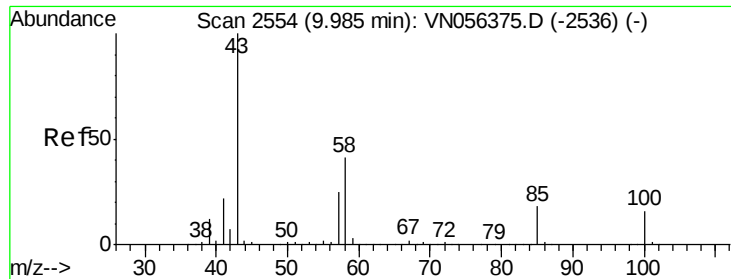
#50
Toluene-d8
Concen: 52.066 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN056460.D
Acq: 24 Jun 2019 16:56

Tgt Ion: 98 Resp: 808625
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.910 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056460.D

Acq: 24 Jun 2019 16:56

Instrument :

MSVOA_N

ClientSampled :

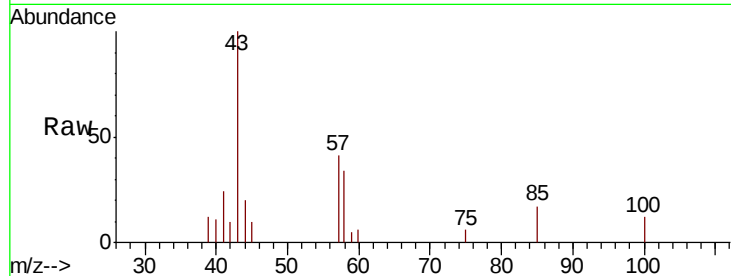
TP-2

Tot Ion: 43 Resp: 5011

Ion Ratio Lower Upper

43 100

58 37.3 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN056375.D (-2536) (-)

6000

5000

4000

3000

2000

1000

0

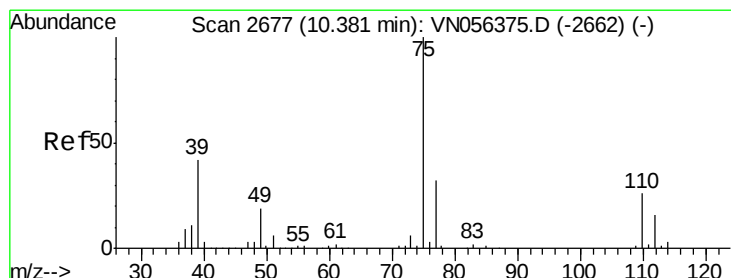
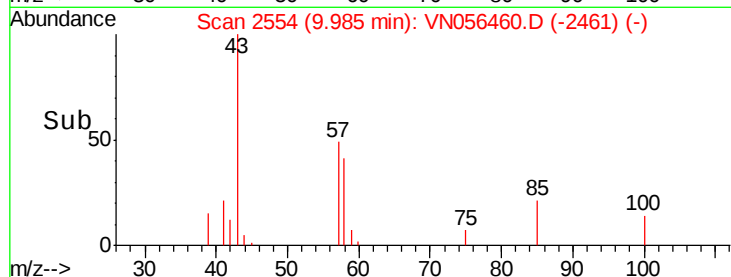
9.94

9.96

9.98

10.00

Time-->



#53

t-1,3-Dichloropropene

Concen: 2.896 ug/l

RT: 10.09 min Scan# 2588

Delta R.T. -0.29 min

Lab File: VN056460.D

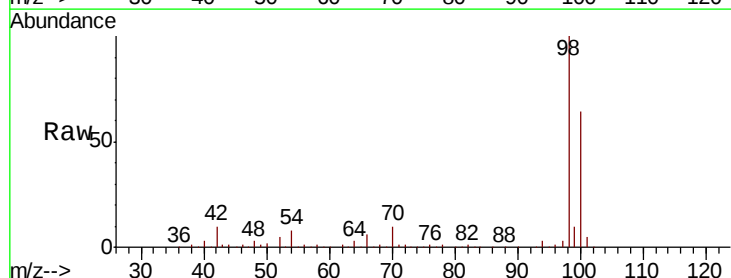
Acq: 24 Jun 2019 16:56

Tgt Ion: 75 Resp: 29

Ion Ratio Lower Upper

75 100

77 48.7 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VN056375.D (-2662) (-)

Ion 76.90 (76.60 to 77.60): VN056375.D (-2662) (-)

400

300

200

100

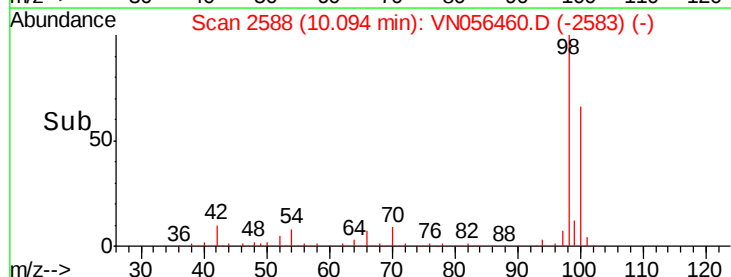
0

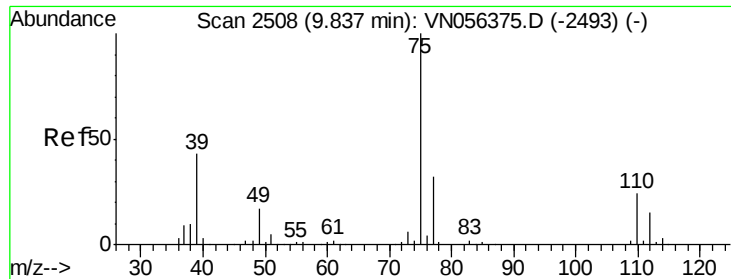
10.09

10.10

10.10

Time-->





#54

cis-1,3-Dichloropropene

Concen: 10.184 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056460.D

Acq: 24 Jun 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

TP-2

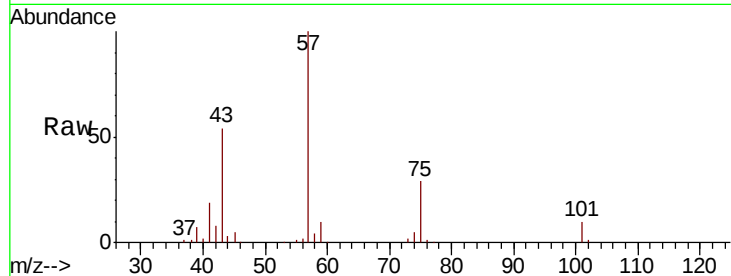
Tot Ion: 75 Resp: 63043

Ion Ratio Lower Upper

75 100

77 0.5 25.2 37.8#

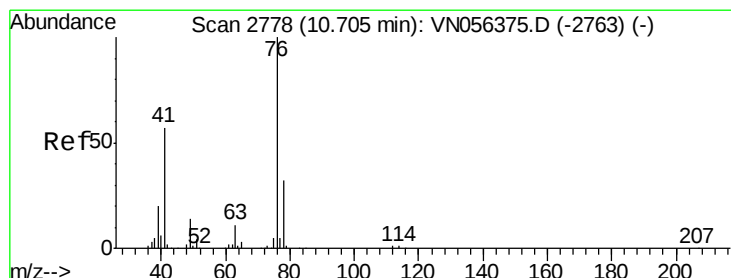
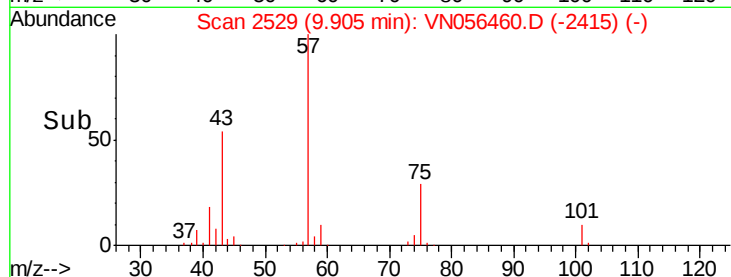
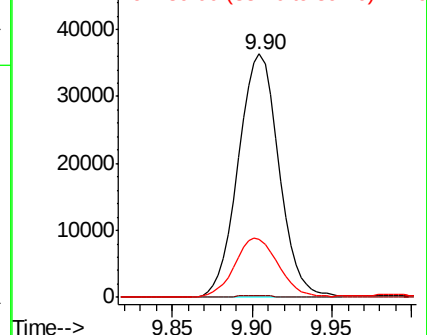
39 23.6 34.2 51.4#



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: 1.998 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN056460.D

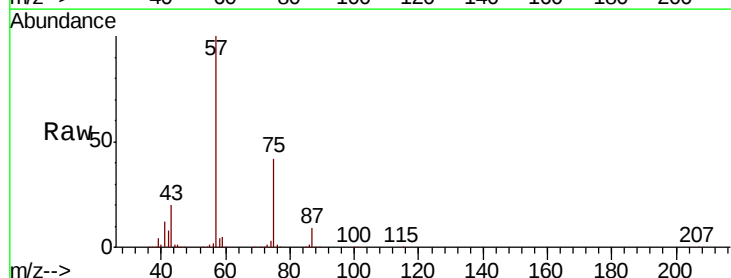
Acq: 24 Jun 2019 16:56

Tgt Ion: 76 Resp: 14291

Ion Ratio Lower Upper

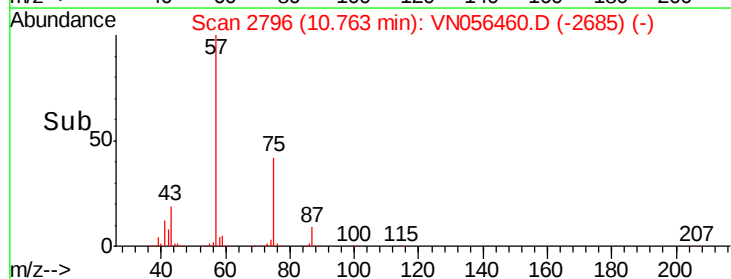
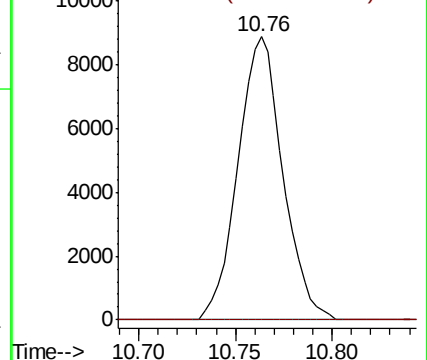
76 100

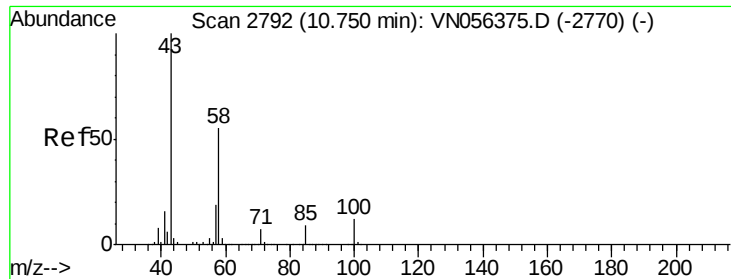
78 0.0 25.9 38.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

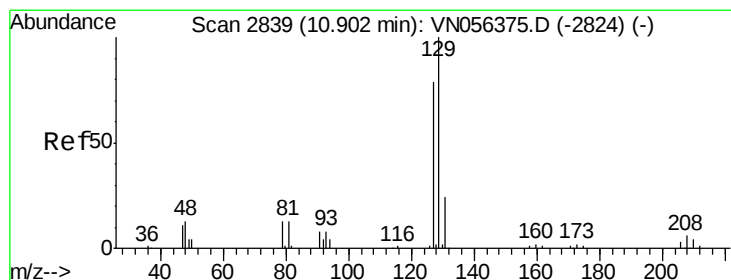
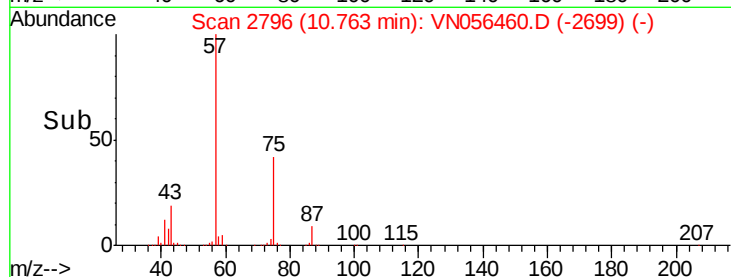
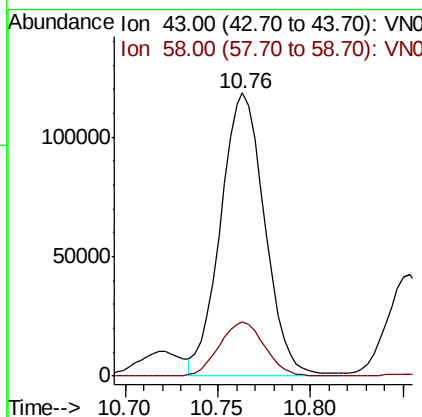
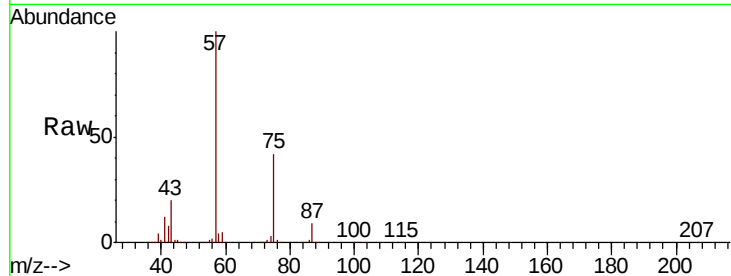




#59
2-Hexanone
Concen: 48.021 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056460.D
Acq: 24 Jun 2019 16:56

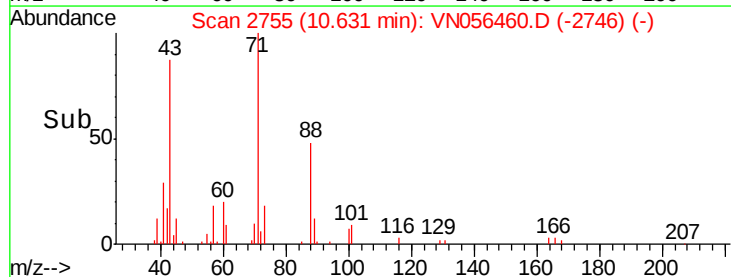
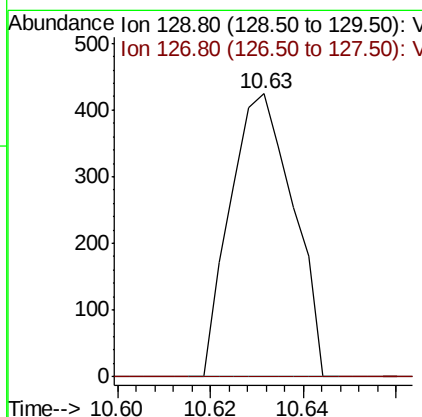
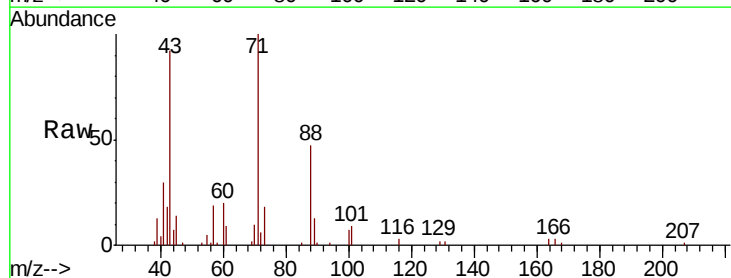
Instrument :
MSVOA_N
ClientSampled :
TP-2

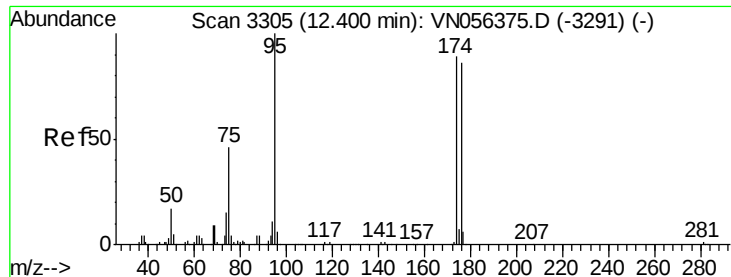
Tot Ion: 43 Resp: 194402
Ion Ratio Lower Upper
43 100
58 20.0 27.8 83.4#



#60
Dibromochloromethane
Concen: 2.468 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.27 min
Lab File: VN056460.D
Acq: 24 Jun 2019 16:56

Tgt Ion: 129 Resp: 398
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#





#62

4-Bromofluorobenzene

Concen: 52.637 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056460.D

Acq: 24 Jun 2019 16:56

Instrument :

MSVOA_N

ClientSampled :

TP-2

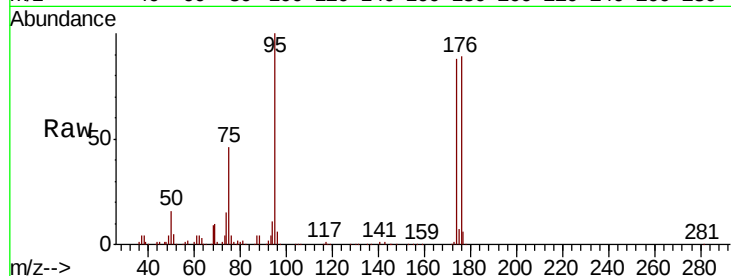
Tot Ion: 95 Resp: 272522

Ion Ratio Lower Upper

95 100

174 89.9 0.0 179.4

176 87.8 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) (-)

12.40

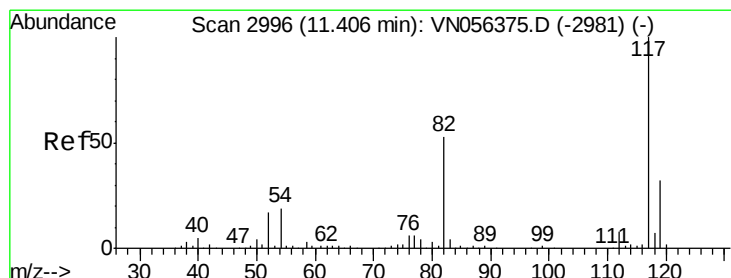
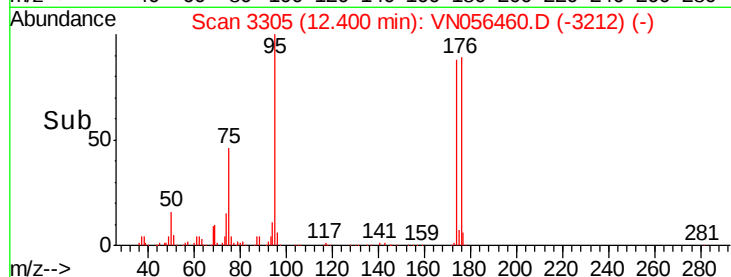
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056460.D

Acq: 24 Jun 2019 16:56

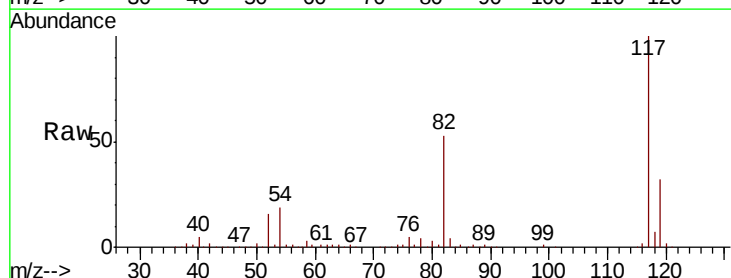
Tgt Ion: 117 Resp: 650995

Ion Ratio Lower Upper

117 100

82 52.7 42.0 63.0

119 31.6 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) (-)

11.41

500000

400000

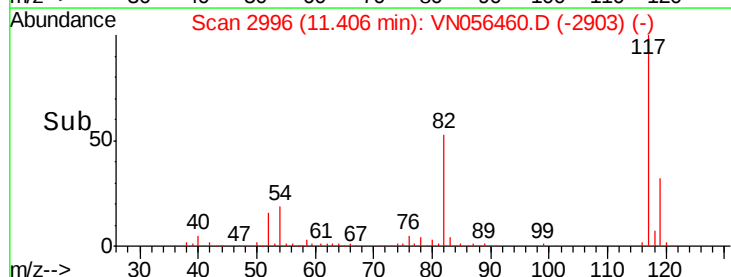
300000

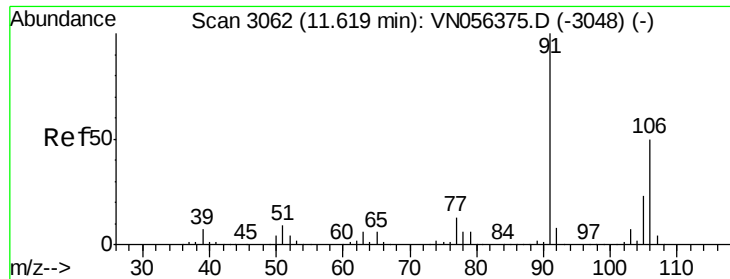
200000

100000

0

Time--> 11.30 11.40 11.50

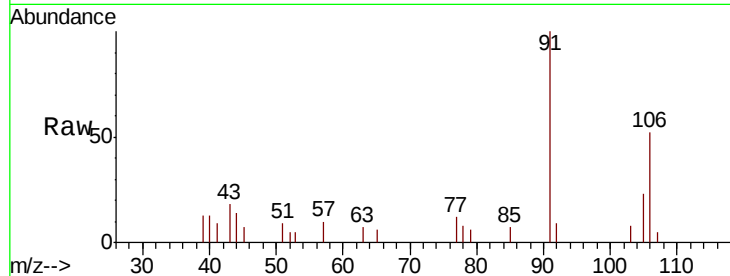




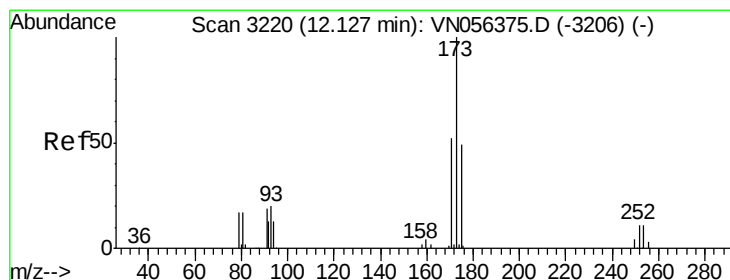
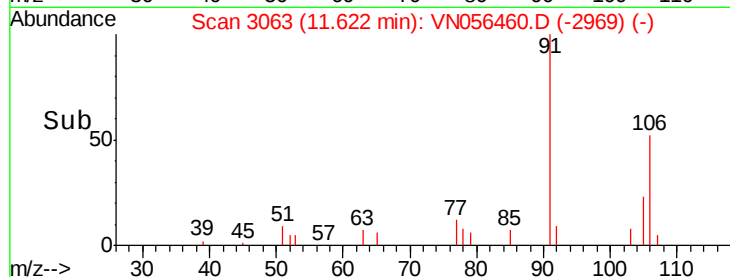
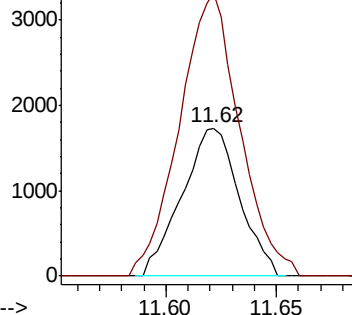
#68
m/p-Xvlenes
Concen: 0.371 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN056460.D
Acq: 24 Jun 2019 16:56

Instrument :
MSVOA_N
ClientSampled :
TP-2

Tot Ion:106 Resp: 3124
Ion Ratio Lower Upper
106 100
91 200.4 160.1 240.1

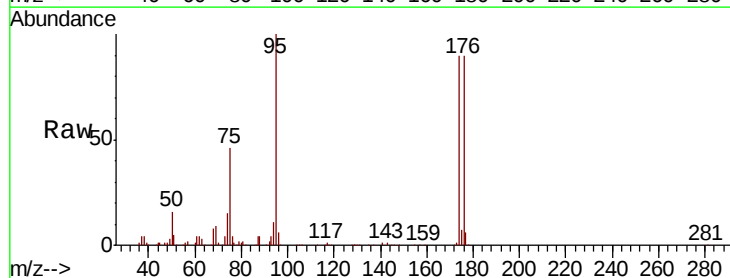


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

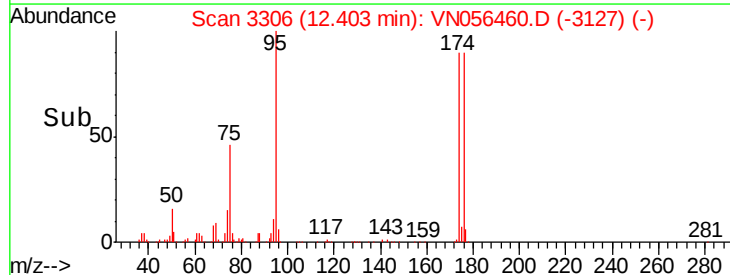
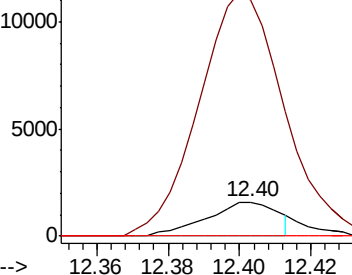


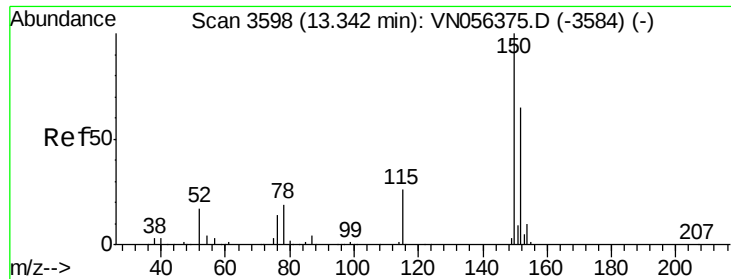
#71
Bromoform
Concen: 3.716 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN056460.D
Acq: 24 Jun 2019 16:56

Tgt Ion:173 Resp: 2184
Ion Ratio Lower Upper
173 100
175 758.0 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



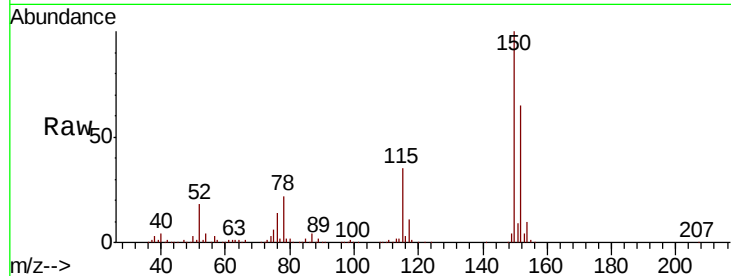


#72

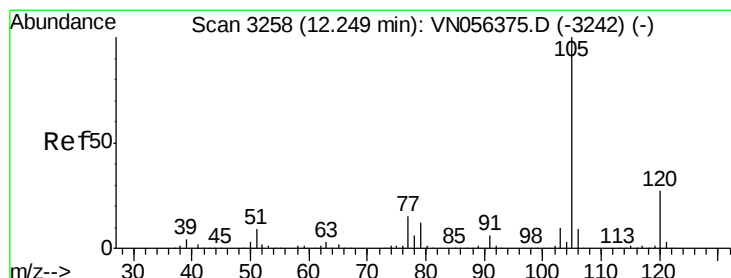
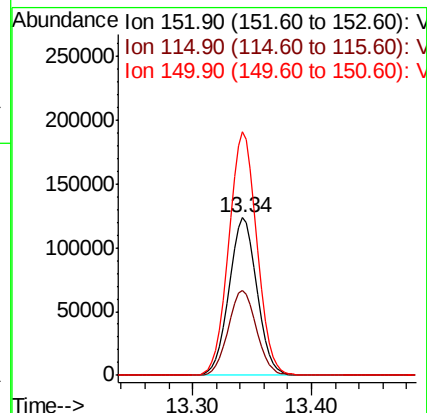
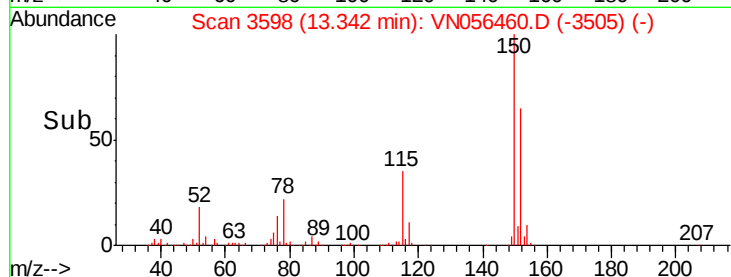
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056460.D
Acq: 24 Jun 2019 16:56

Instrument :
MSVOA_N
ClientSampled :
TP-2

Tot Ion:152 Resp: 200973
Ion Ratio Lower Upper
152 100
115 54.8 28.1 84.4
150 155.4 0.0 348.4



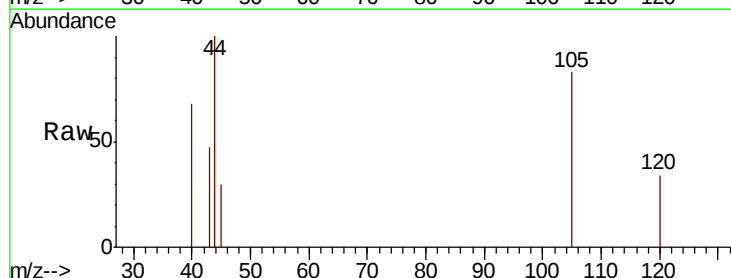
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



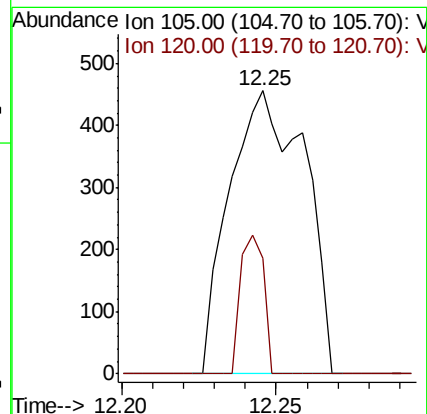
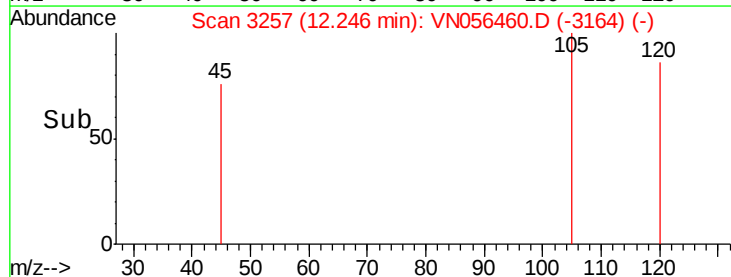
#73

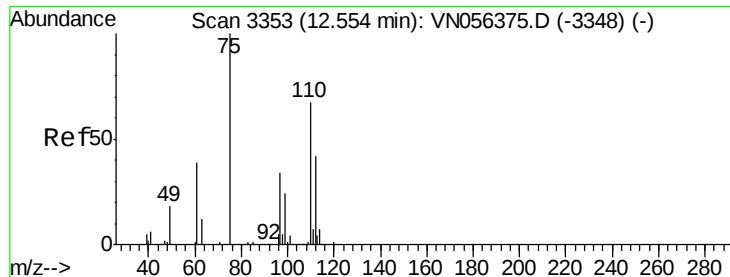
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VN056460.D
Acq: 24 Jun 2019 16:56

Tgt Ion:105 Resp: 772
Ion Ratio Lower Upper
105 100
120 15.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 30.008 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056460.D

Acq: 24 Jun 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

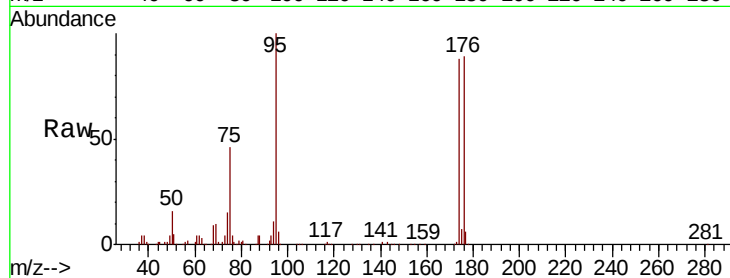
TP-2

Tot Ion: 75 Resp: 125050

Ion Ratio Lower Upper

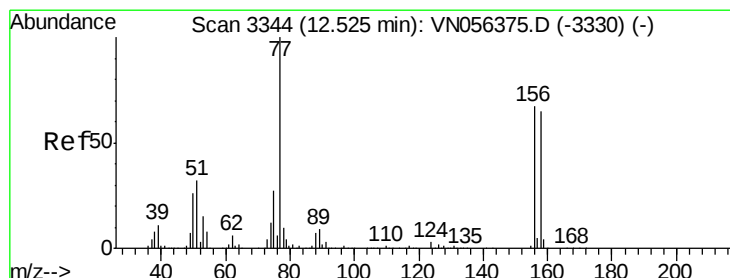
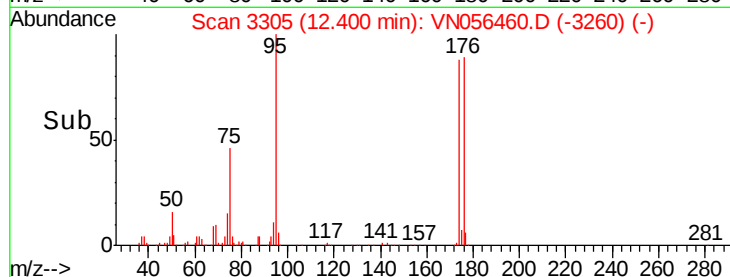
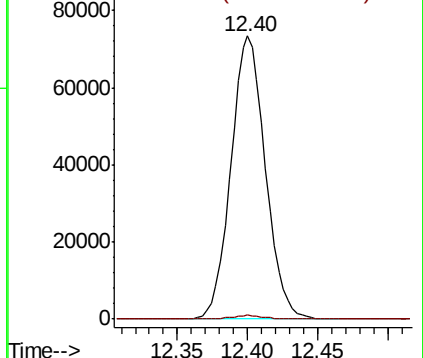
75 100

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



#77

Bromobenzene

Concen: 0.403 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN056460.D

Acq: 24 Jun 2019 16:56

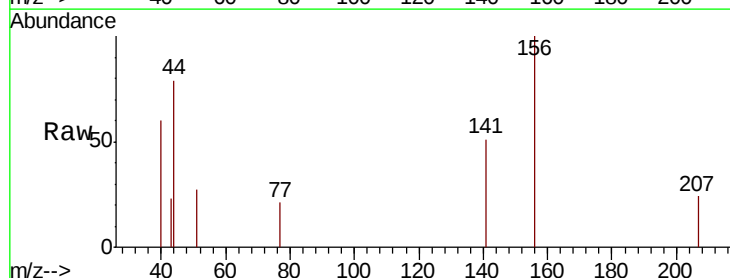
Tgt Ion: 156 Resp: 1811

Ion Ratio Lower Upper

156 100

77 10.3 92.5 277.3#

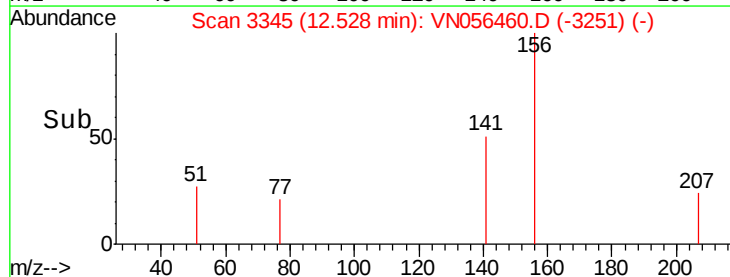
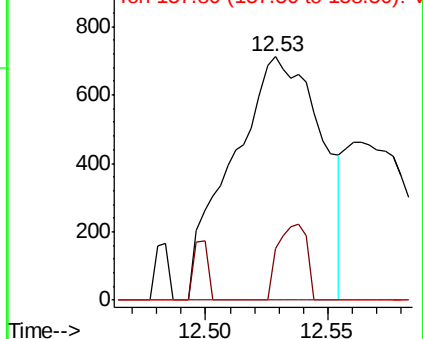
158 0.0 48.7 146.1#

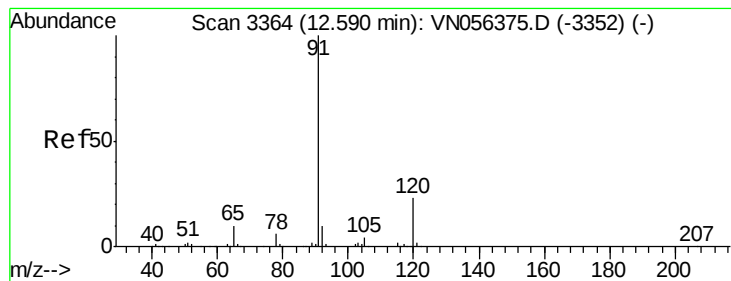


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 0.221 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN056460.D

Acq: 24 Jun 2019 16:56

Instrument :

MSVOA_N

ClientSampled :

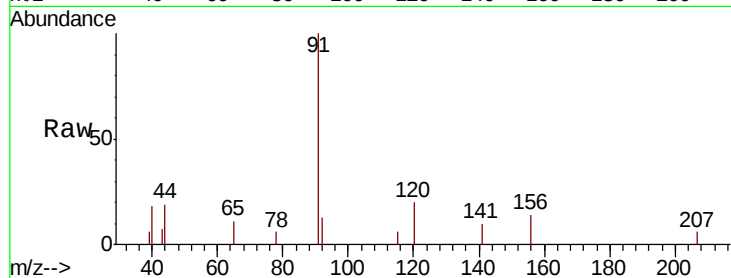
TP-2

Tot Ion: 91 Resp: 4068

Ion Ratio Lower Upper

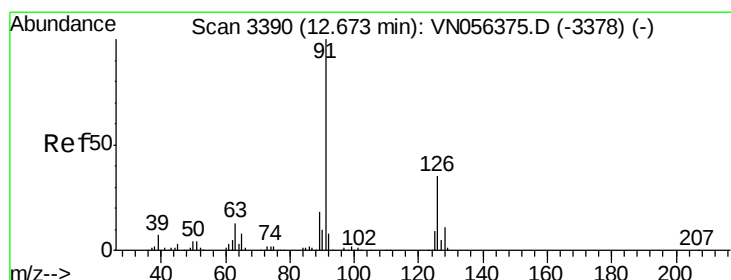
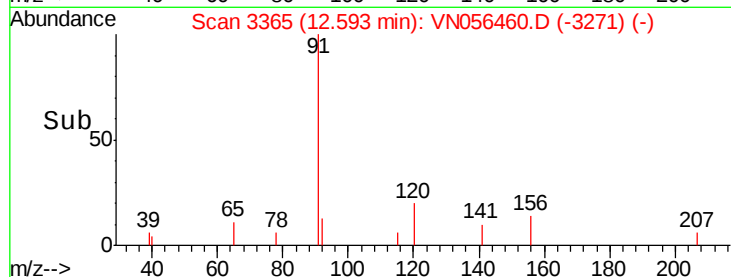
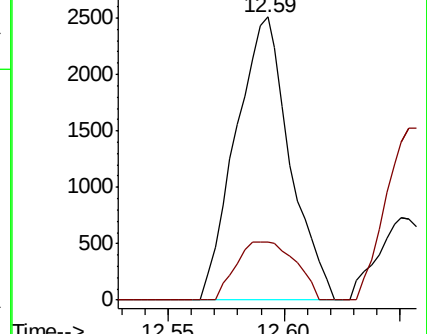
91 100

120 22.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.65 min Scan# 3383

Delta R.T. -0.02 min

Lab File: VN056460.D

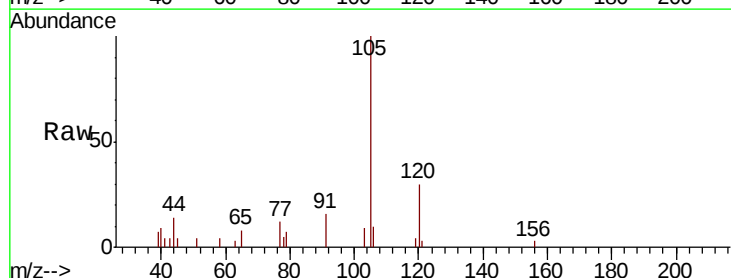
Acq: 24 Jun 2019 16:56

Tgt Ion: 91 Resp: 1082

Ion Ratio Lower Upper

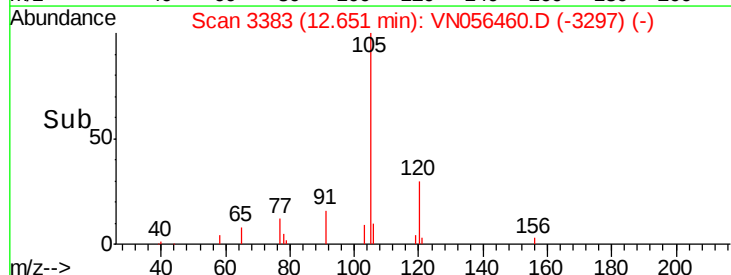
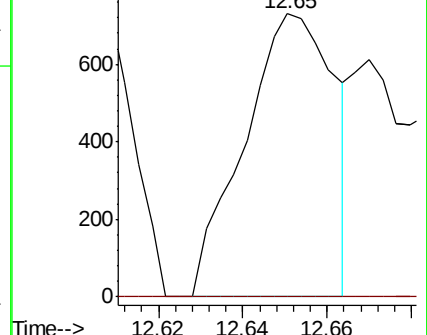
91 100

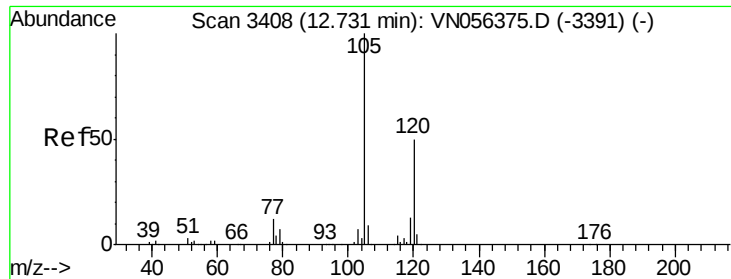
126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

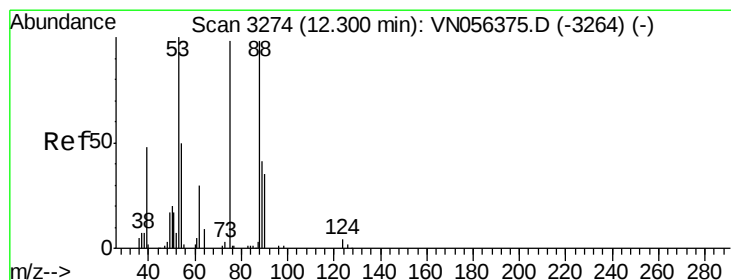
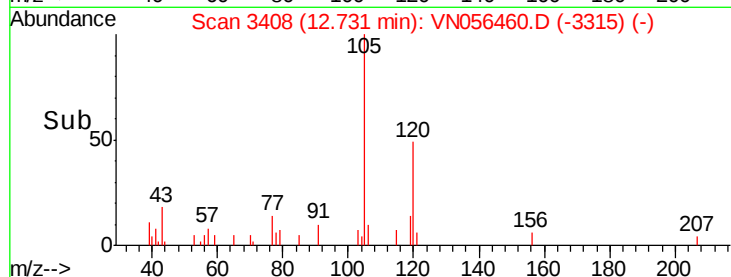
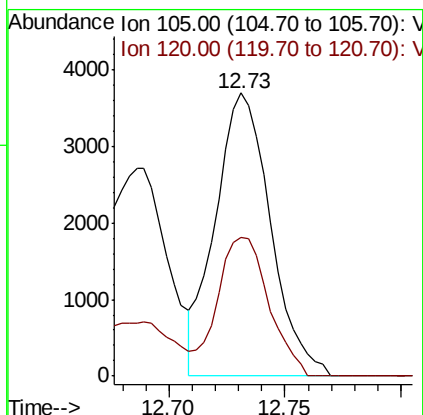
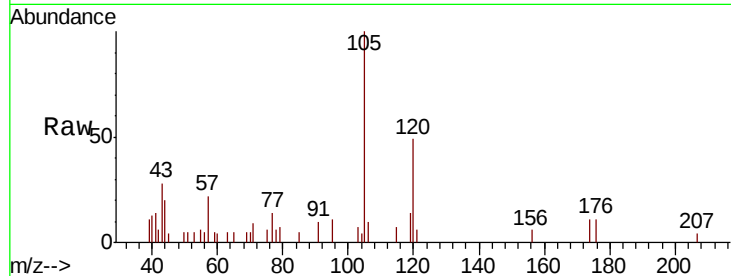




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN056460.D
 Acq: 24 Jun 2019 16:56

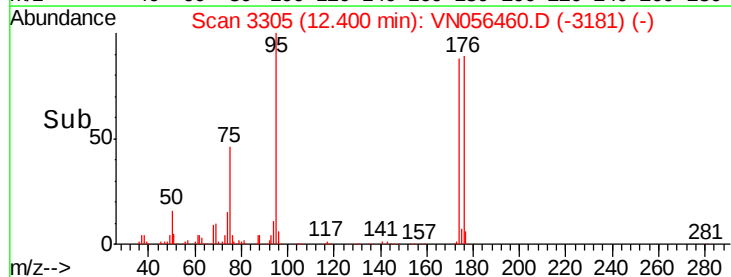
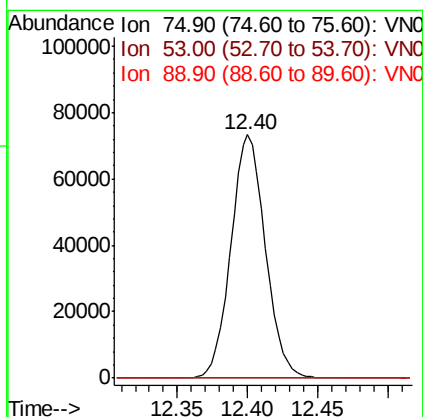
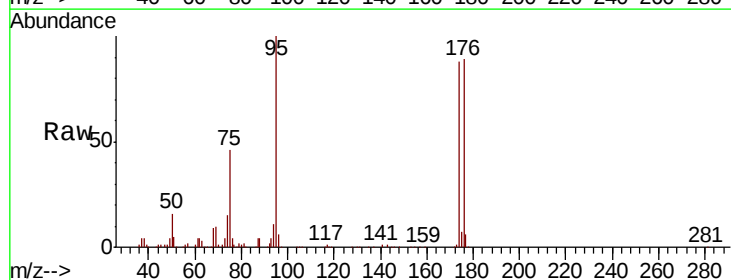
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

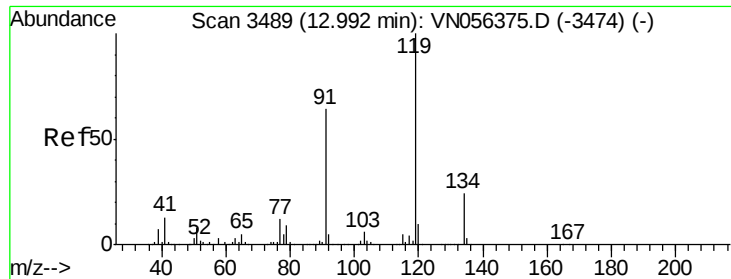
Tot Ion:105 Resp: 6122
 Ion Ratio Lower Upper
 105 100
 120 45.9 24.8 74.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.653 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN056460.D
 Acq: 24 Jun 2019 16:56

Tgt Ion: 75 Resp: 125050
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.9 125.9#
 89 0.0 35.0 52.6#

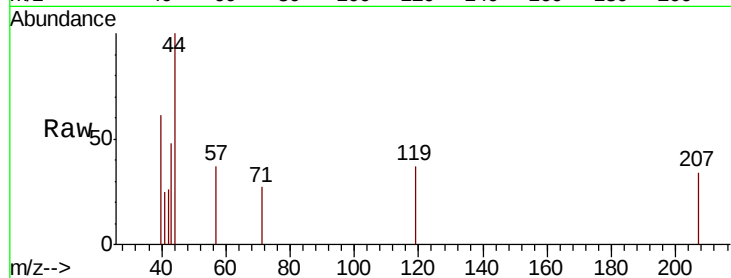




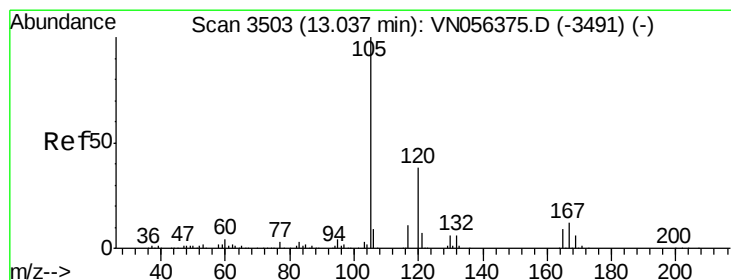
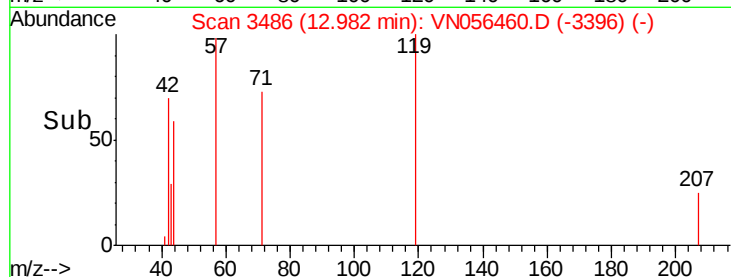
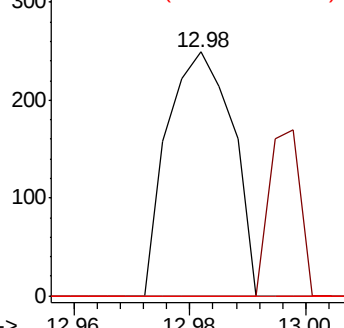
#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.98 min Scan# 3486
 Delta R.T. -0.01 min
 Lab File: VN056460.D
 Acq: 24 Jun 2019 16:56

Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

Tot Ion:119 Resp: 194
 Ion Ratio Lower Upper
 119 100
 91 33.0 31.6 94.7
 134 0.0 13.2 39.5#

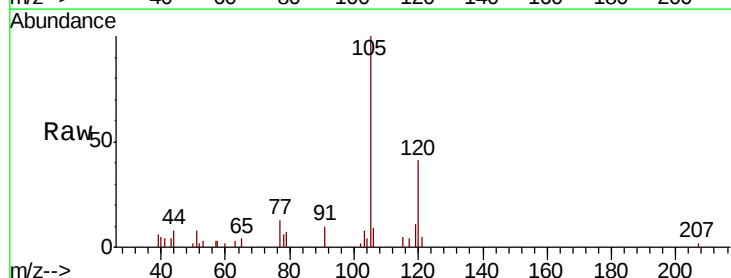


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VN
 Ion 134.00 (133.70 to 134.70): V

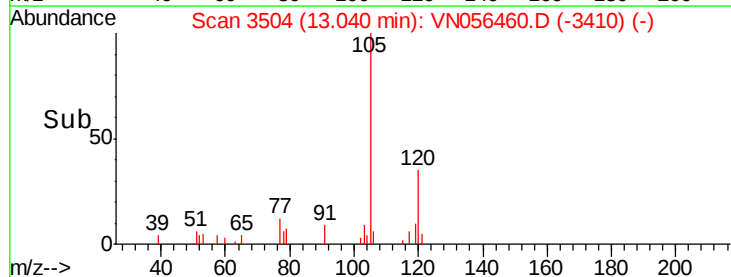
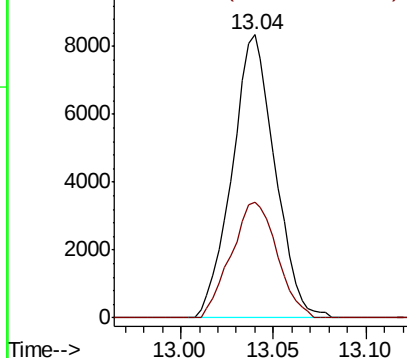


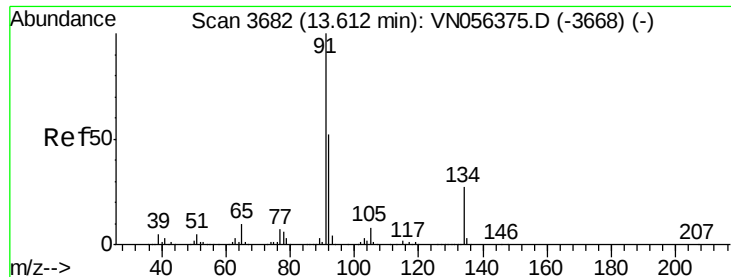
#84
 1,2,4-Trimethylbenzene
 Concen: 0.994 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056460.D
 Acq: 24 Jun 2019 16:56

Tgt Ion:105 Resp: 13442
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

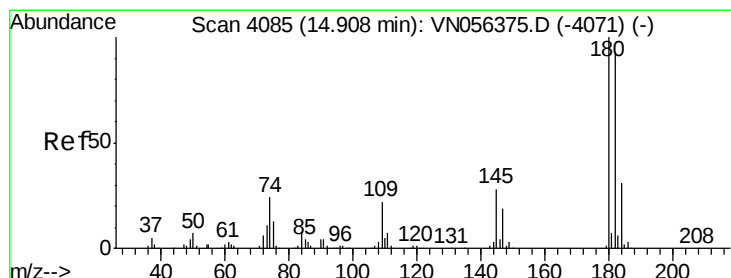
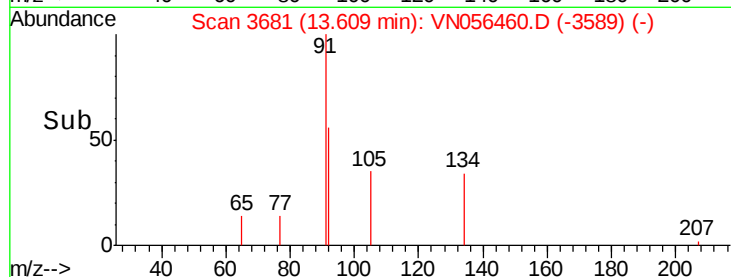
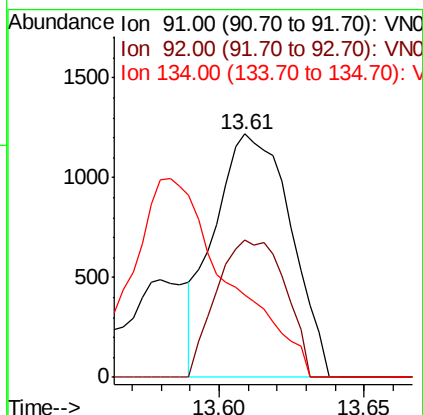
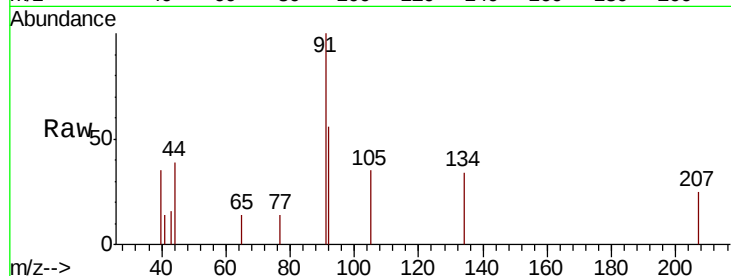




#89
n-Butylbenzene
Concen: 0.212 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN056460.D
Acq: 24 Jun 2019 16:56

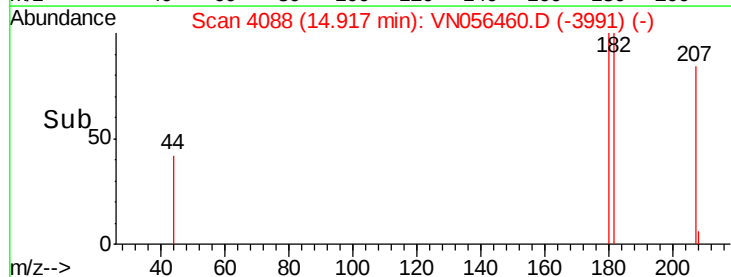
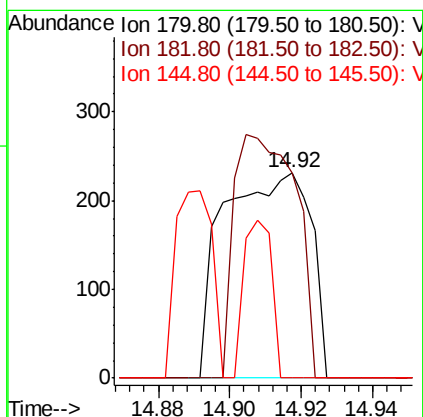
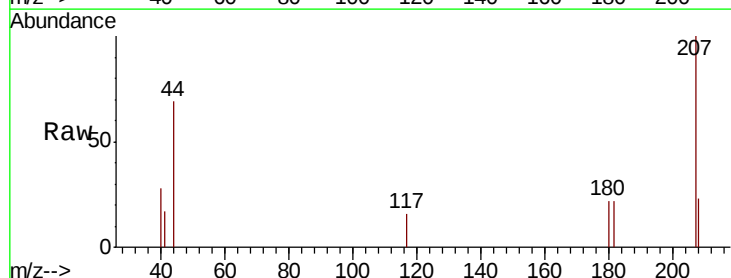
Instrument :
MSVOA_N
ClientSampled :
TP-2

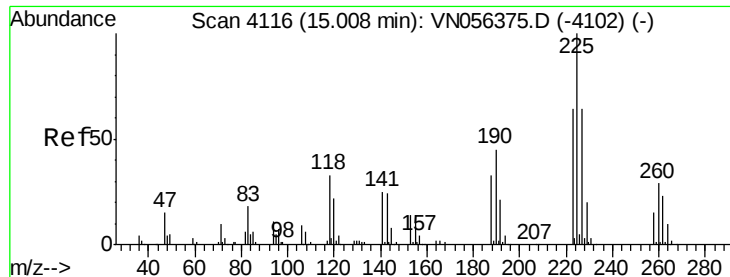
Tot Ion: 91 Resp: 2231
Ion Ratio Lower Upper
91 100
92 50.9 26.2 78.5
134 0.0 13.4 40.2#



#93
1,2,4-Trichlorobenzene
Concen: 5.712 ug/l
RT: 14.92 min Scan# 4088
Delta R.T. 0.01 min
Lab File: VN056460.D
Acq: 24 Jun 2019 16:56

Tgt Ion: 180 Resp: 389
Ion Ratio Lower Upper
180 100
182 84.1 46.9 140.6
145 24.7 14.4 43.0





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN056460.D

Acq: 24 Jun 2019 16:56

Instrument :

MSVOA_N

ClientSampled :

TP-2

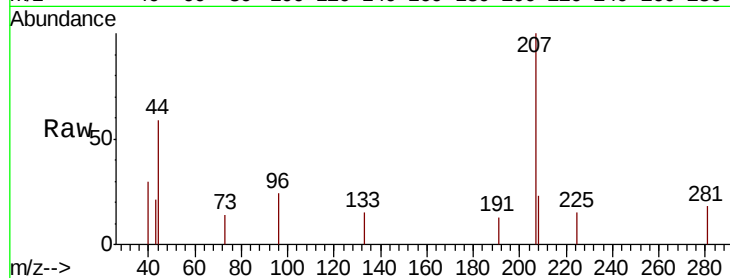
Tot Ion:225 Resp: 132

Ion Ratio Lower Upper

225 100

223 0.0 31.4 94.3#

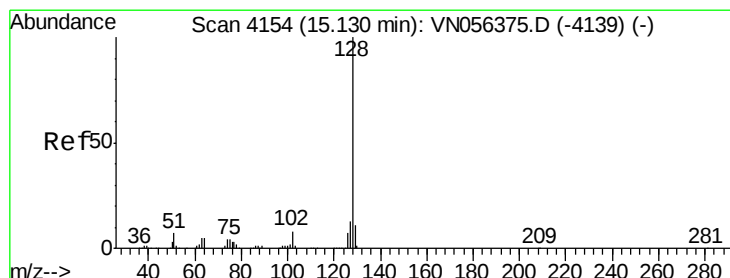
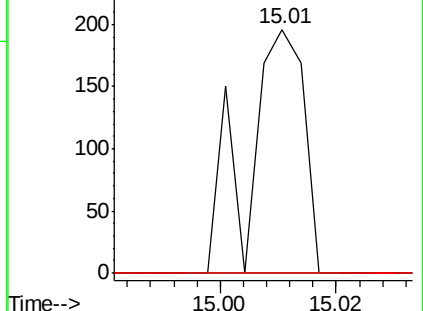
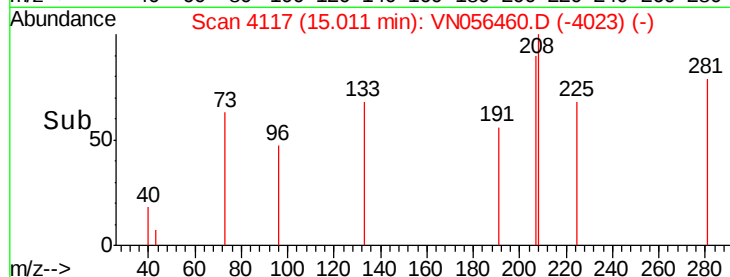
227 0.0 32.1 96.3#



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: 5.771 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN056460.D

Acq: 24 Jun 2019 16:56

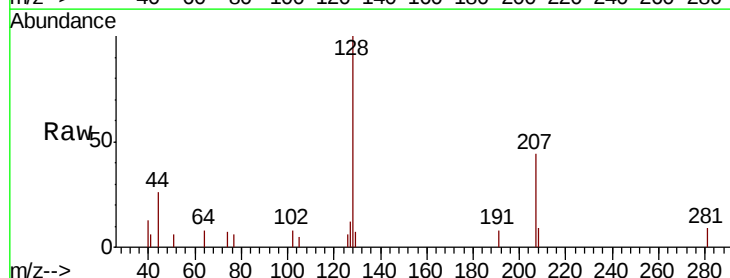
Tgt Ion:128 Resp: 5409

Ion Ratio Lower Upper

128 100

127 10.5 10.2 15.2

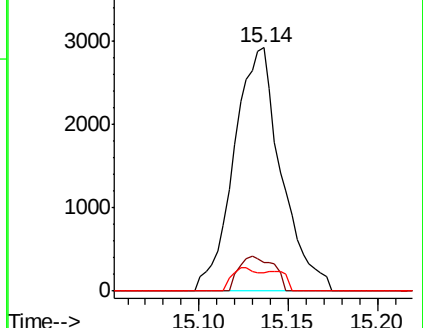
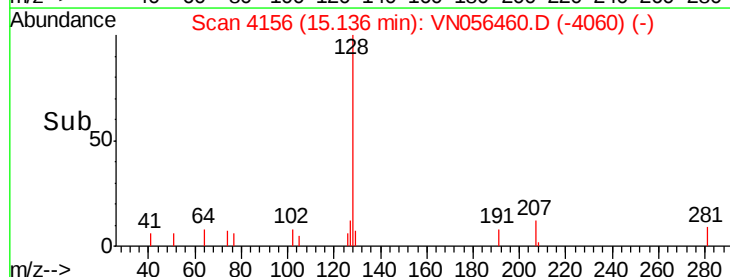
129 5.8 8.6 12.8#

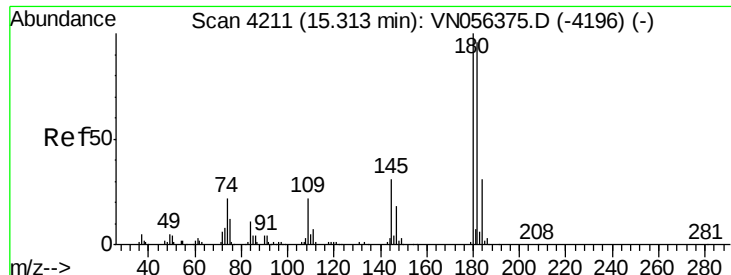


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

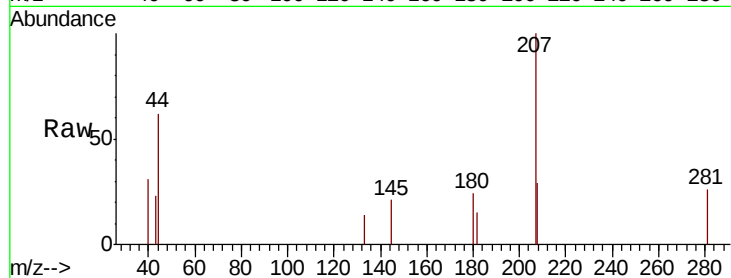




#96
 1,2,3-Trichlorobenzene
 Concen: 4.591 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. -0.00 min
 Lab File: VN056460.D
 Acq: 24 Jun 2019 16:56

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
180	100		
182	59.7	48.3	144.8
145	95.2	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

