

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056461.D
 Acq On : 24 Jun 2019 17:20
 Operator : JC/SP
 Sample : K3482-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Jun 25 01:23:03 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	384860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	654835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	656147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	247136	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	214577	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	7.59	113	186922	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
50) Toluene-d8	10.09	98	818122	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.40	95	290737	54.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.74%	

Target Compounds

						Qvalue
13) Acrolein	3.62	56	126	0.208	ug/l #	44
14) Allyl chloride	4.55	41	14141	2.499	ug/l #	28
16) Acetone	3.82	43	13423	6.281	ug/l	92
17) Carbon Disulfide	4.05	76	1746	0.226	ug/l #	75
18) Methyl Acetate	4.34	43	9974	1.542	ug/l #	72
20) Methylene Chloride	4.55	84	380286	95.201	ug/l	99
25) 2-Butanone	6.85	43	5063	1.790	ug/l	90
29) Tetrahydrofuran	7.21	42	417	0.241	ug/l #	33
30) Chloroform	7.36	83	2394	0.356	ug/l #	82
31) Cyclohexane	7.67	56	6882	1.045	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	23712	4.114	ug/l #	45
38) Carbon Tetrachloride	7.66	117	33476	6.642	ug/l #	14
43) Isopropyl Acetate	8.17	43	16760	1.919	ug/l #	87
45) 1,2-Dichloropropane	9.27	63	2081	0.439	ug/l #	43
48) Methyl methacrylate	9.18	41	7824	1.788	ug/l #	12
51) 4-Methyl-2-Pentanone	10.02	43	8117	1.440	ug/l #	35
54) cis-1,3-Dichloropropene	9.90	75	63890	10.084	ug/l #	59
55) 1,1,2-Trichloroethane	10.53	97	10989	2.522	ug/l #	18
56) Ethyl methacrylate	10.43	69	7158	1.124	ug/l #	69
57) 1,3-Dichloropropane	10.76	76	14267	1.949	ug/l #	42
59) 2-Hexanone	10.76	43	184774	44.596	ug/l #	51
71) Bromoform	12.40	173	1968	3.656	ug/l #	1
73) Isopropylbenzene	12.25	105	13541	Below Cal		97
74) N-ethyl acetate	12.04	43	1826	0.232	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.47	83	1659	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	134206	26.190	ug/l #	100
78) n-propylbenzene	12.59	91	18305	0.809	ug/l	97
79) 2-Chlorotoluene	12.59	91	18305	Below Cal	#	40
80) 1,3,5-Trimethylbenzene	12.73	105	6103	Below Cal		96
81) trans-1,4-Dichloro-2-buten	12.40	75	134206	93.082	ug/l #	8
83) tert-Butylbenzene	12.99	119	12731	Below Cal		98
84) 1,2,4-Trimethylbenzene	13.04	105	10969	0.659	ug/l	91
85) sec-Butylbenzene	13.17	105	132288	6.650	ug/l	82
86) p-Isopropyltoluene	13.44	119	53935	3.159	ug/l	97

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Quant Time: Jun 25 01:23:03 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

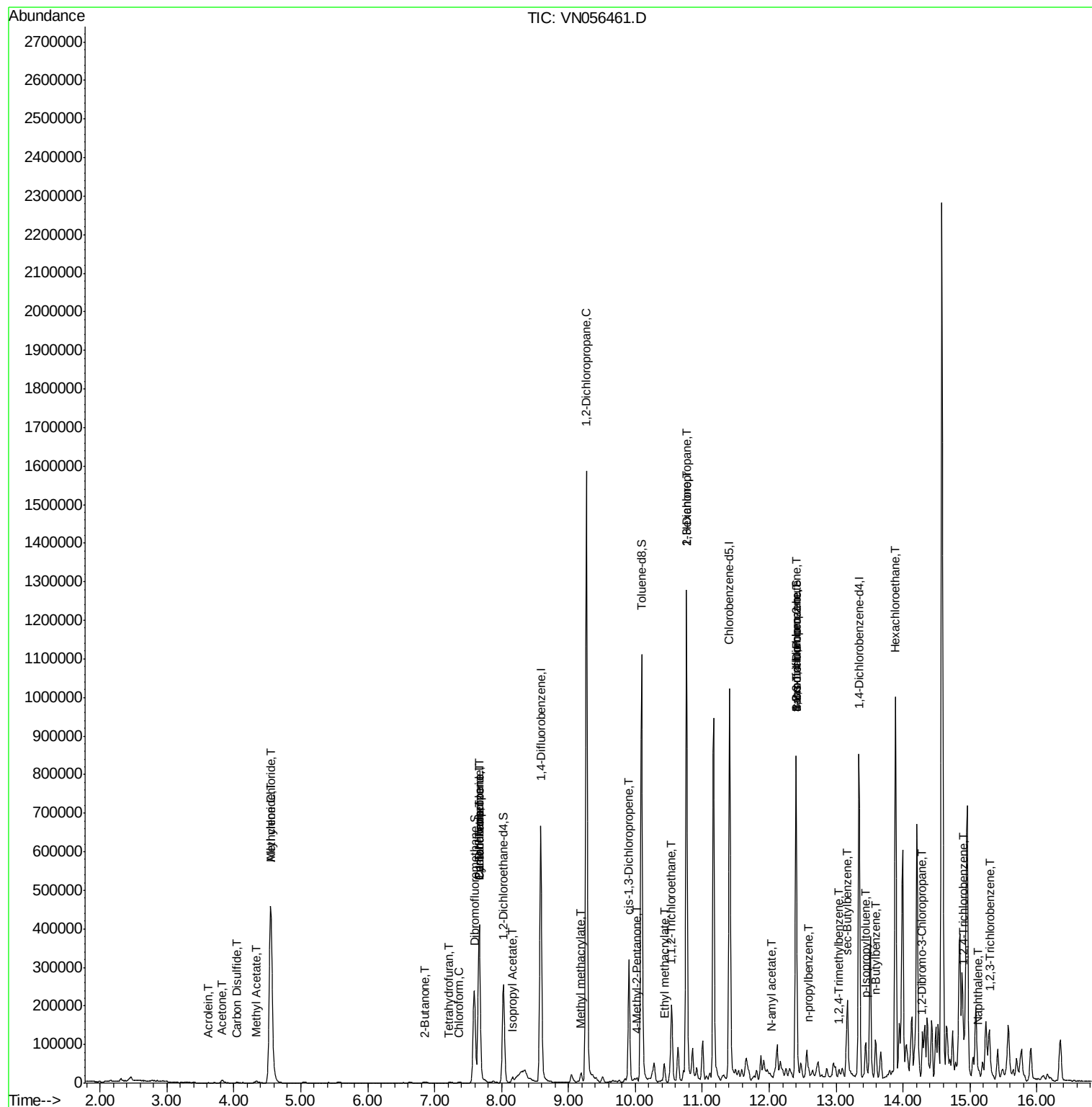
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.59	91	14652	1.134	ug/l #	1
90) Hexachloroethane	13.89	117	50505	18.976	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.27	75	349	0.382	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.90	180	314	5.679	ug/l #	1
95) Naphthalene	15.13	128	5354	5.668	ug/l #	56
96) 1,2,3-Trichlorobenzene	15.30	180	419	4.566	ug/l #	82

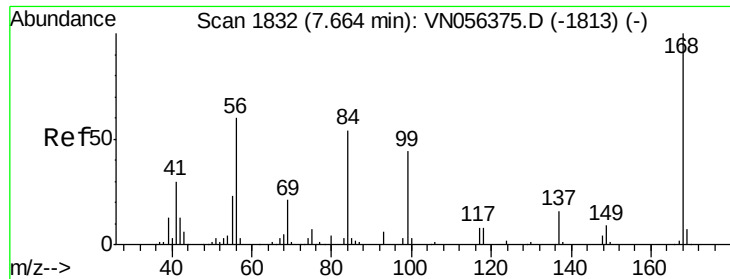
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056461.D

Acq: 24 Jun 2019 17:20

Instrument :

MSVOA_N

ClientSampled :

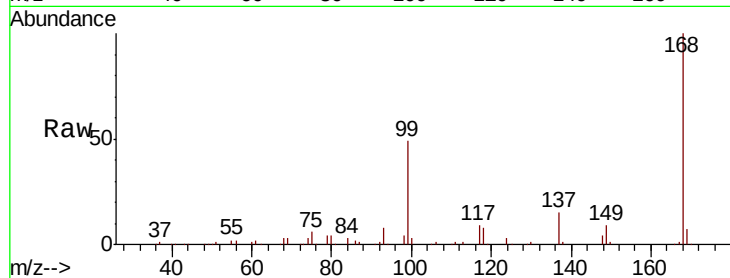
TP-3

Tot Ion:168 Resp: 384860

Ion Ratio Lower Upper

168 100

99 49.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056461.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056461.D (-1739) (-)

7.67

150000

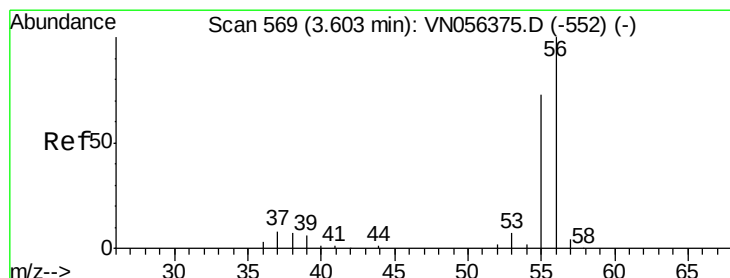
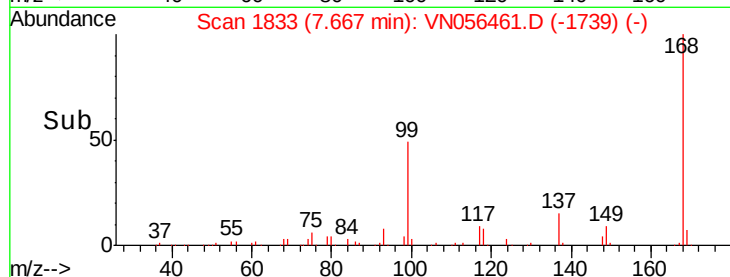
100000

50000

0

7.60 7.70 7.80

Time-->



#13

Acrolein

Concen: 0.208 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN056461.D

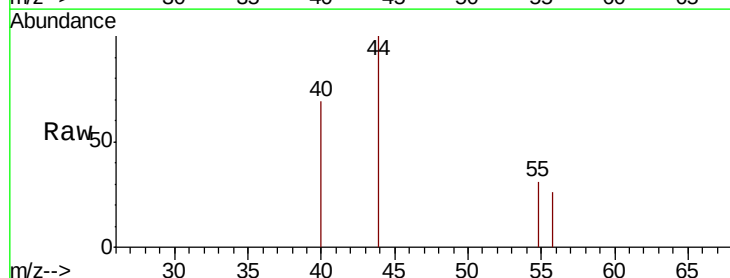
Acq: 24 Jun 2019 17:20

Tgt Ion: 56 Resp: 126

Ion Ratio Lower Upper

56 100

55 118.3 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VN056461.D (-476) (-)

Ion 55.00 (54.70 to 55.70): VN056461.D (-476) (-)

3.62

250

200

150

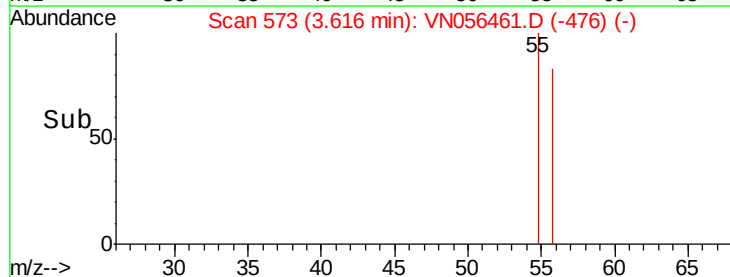
100

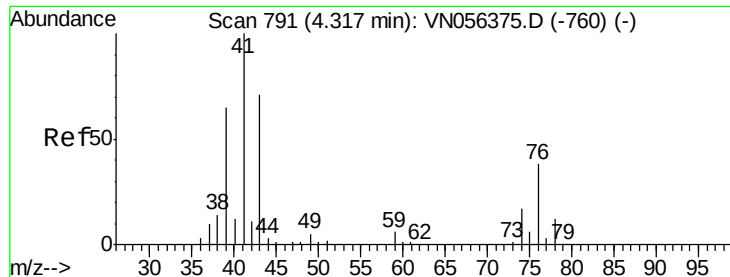
50

0

3.60 3.61 3.62

Time-->

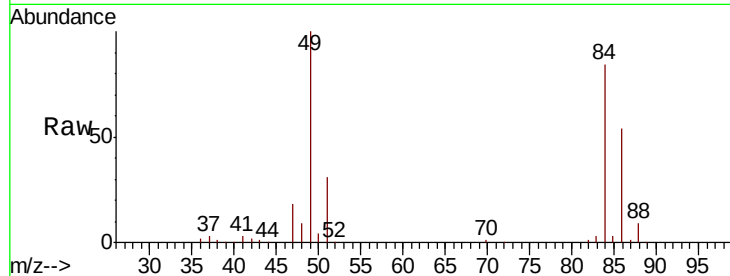




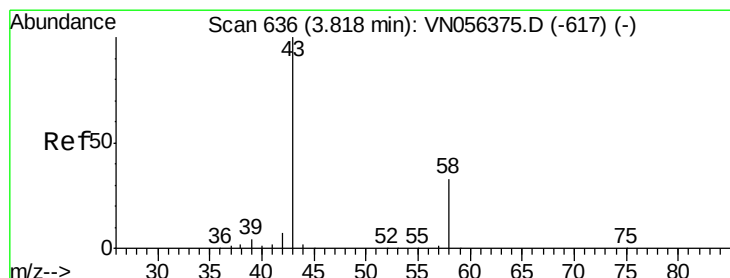
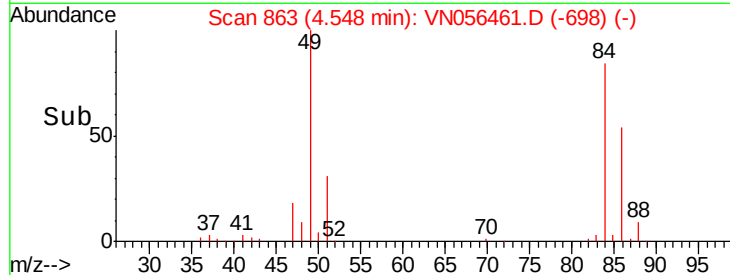
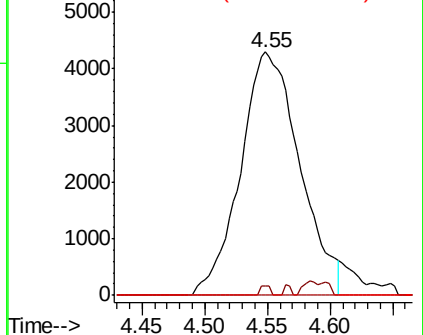
#14
Allvl chloride
Concen: 2.499 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.23 min
Lab File: VN056461.D
Acq: 24 Jun 2019 17:20

Instrument :
MSVOA_N
ClientSampleId :
TP-3

Tot Ion: 41 Resp: 14141
Ion Ratio Lower Upper
41 100
39 0.7 48.6 73.0#
76 0.0 26.6 40.0#

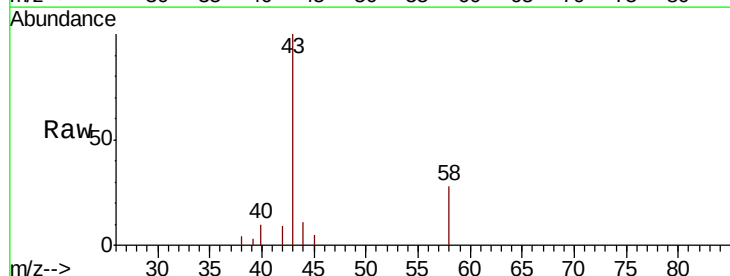


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0

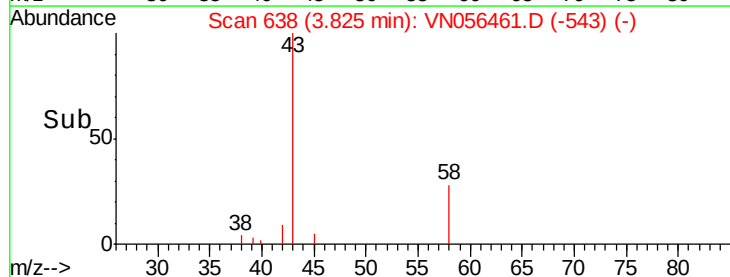
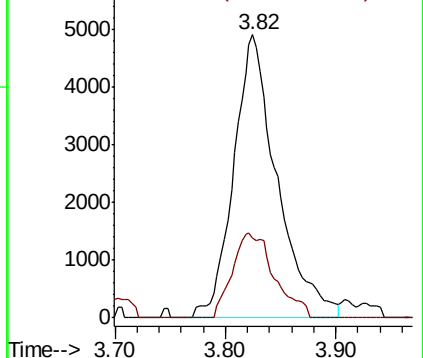


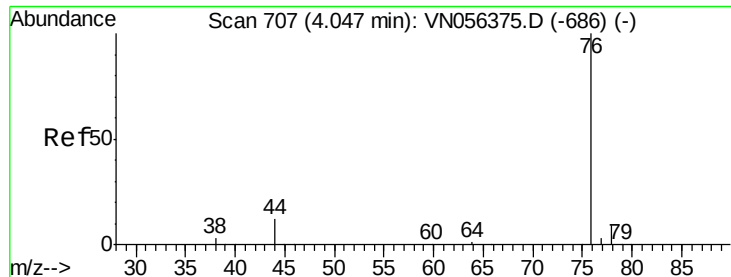
#16
Acetone
Concen: 6.281 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN056461.D
Acq: 24 Jun 2019 17:20

Tgt Ion: 43 Resp: 13423
Ion Ratio Lower Upper
43 100
58 28.4 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.226 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN056461.D

Acq: 24 Jun 2019 17:20

Instrument :

MSVOA_N

ClientSampled :

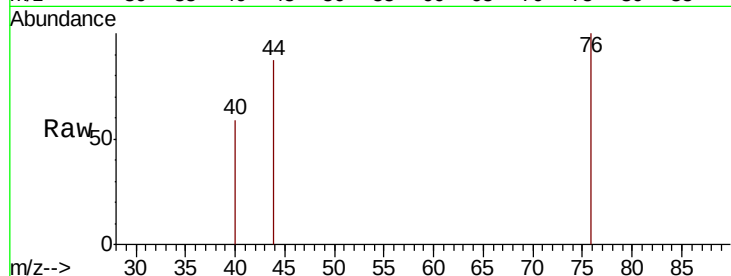
TP-3

Tot Ion: 76 Resp: 1746

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.05

800

600

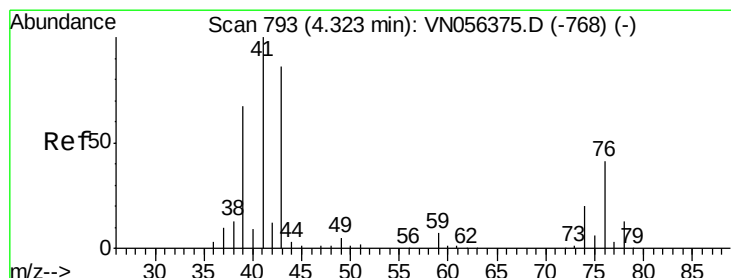
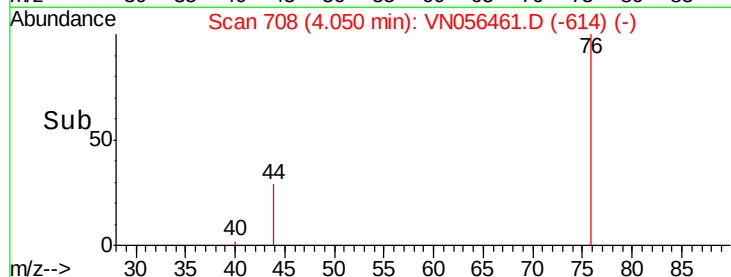
400

200

0

4.00 4.05 4.10

Time-->



#18

Methyl Acetate

Concen: 1.542 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN056461.D

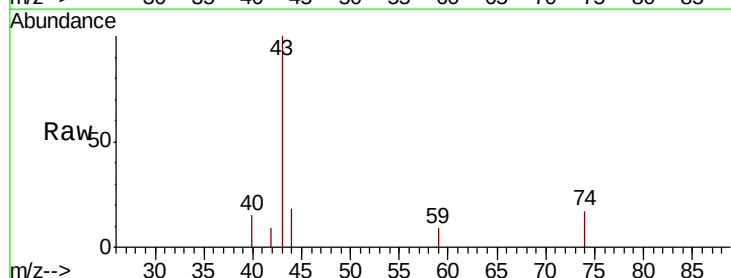
Acq: 24 Jun 2019 17:20

Tgt Ion: 43 Resp: 9974

Ion Ratio Lower Upper

43 100

74 10.3 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.34

3000

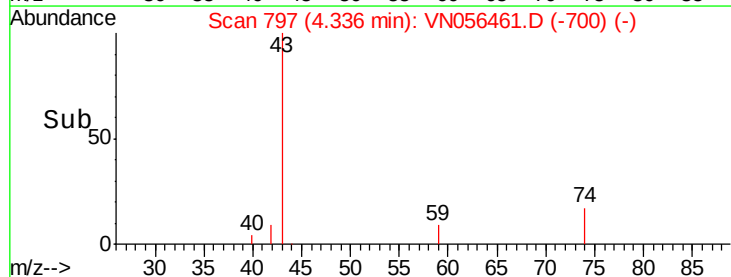
2000

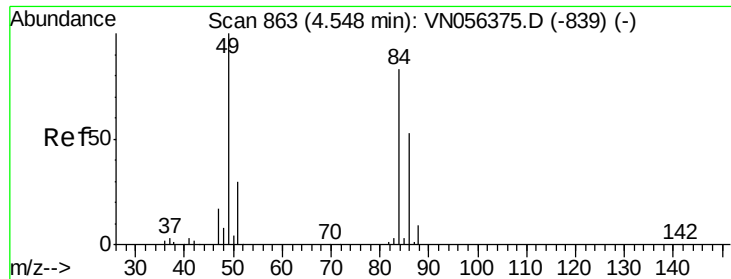
1000

0

4.25 4.30 4.35 4.40

Time-->

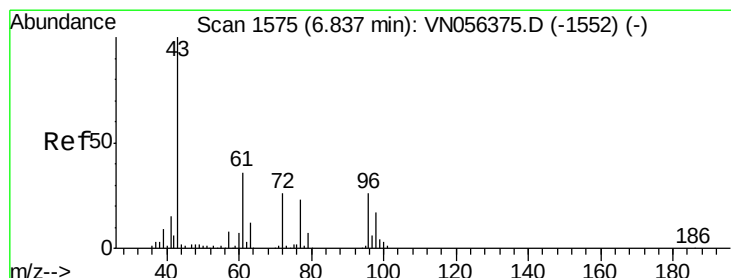
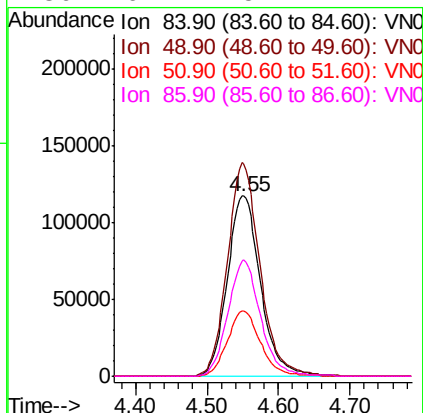
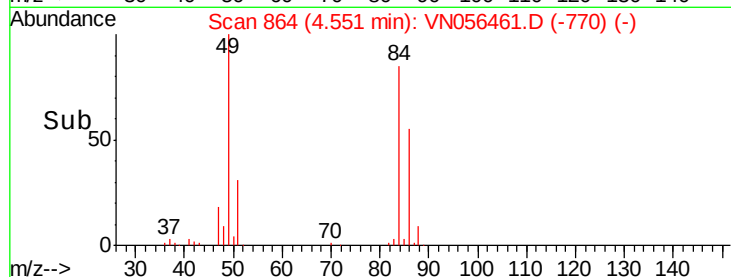
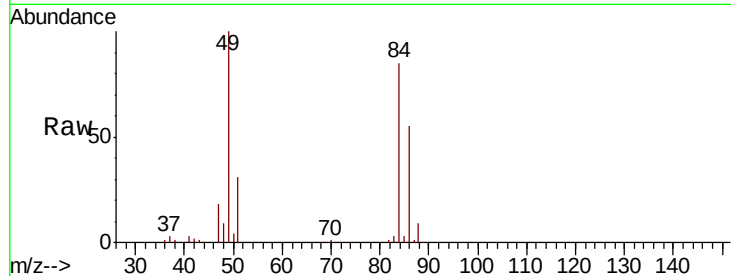




#20
Methvlene Chloride
Concen: 95.201 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056461.D
Acq: 24 Jun 2019 17:20

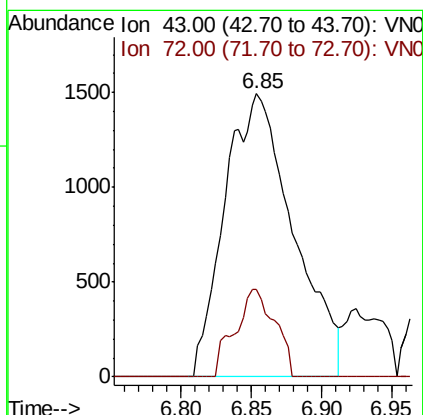
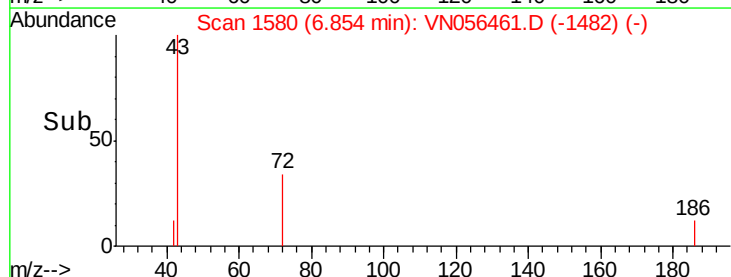
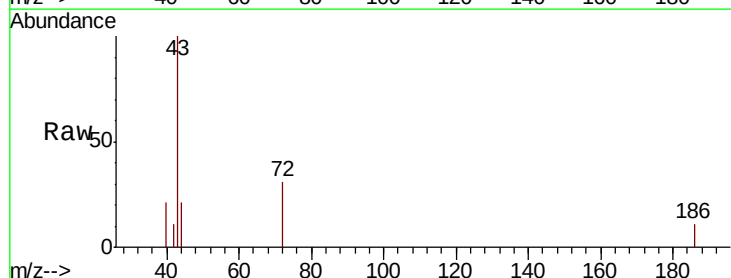
Instrument :
MSVOA_N
ClientSampled :
TP-3

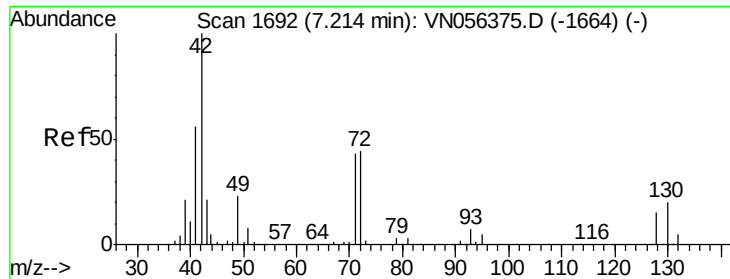
Tot Ion:	84	Resp:	380286
Ion	Ratio	Lower	Upper
84	100		
49	117.9	96.4	144.6
51	36.2	28.6	43.0
86	64.4	51.4	77.2



#25
2-Butanone
Concen: 1.790 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN056461.D
Acq: 24 Jun 2019 17:20

Tgt Ion:	43	Resp:	5063
Ion	Ratio	Lower	Upper
43	100		
72	30.8	20.6	31.0





#29

Tetrahydrofuran

Concen: 0.241 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. -0.00 min

Lab File: VN056461.D

Acq: 24 Jun 2019 17:20

Instrument :

MSVOA_N

ClientSampled :

TP-3

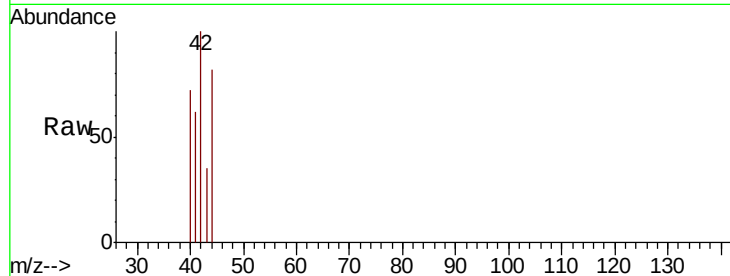
Tot Ion: 42 Resp: 417

Ion Ratio Lower Upper

42 100

72 0.0 34.7 52.1#

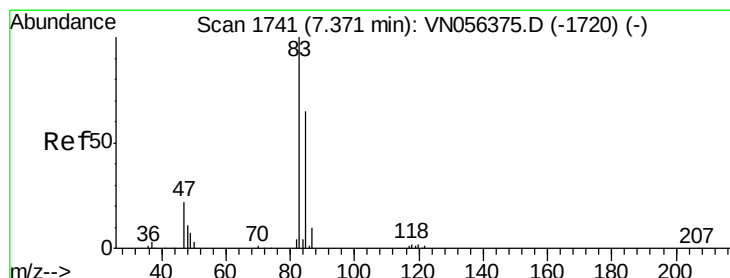
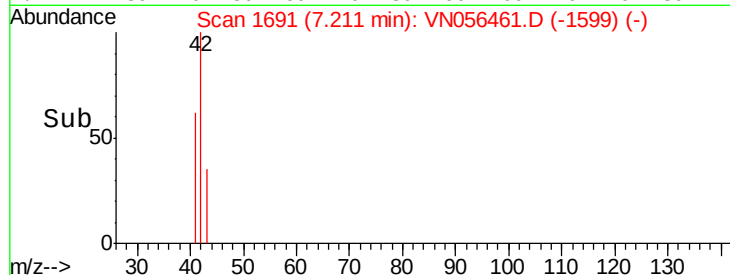
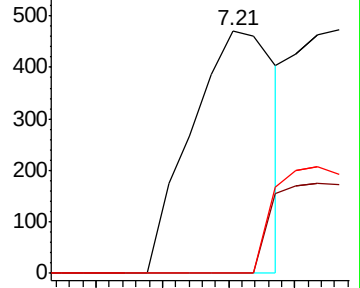
71 0.0 33.0 49.6#



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



#30

Chloroform

Concen: 0.356 ug/l

RT: 7.36 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VN056461.D

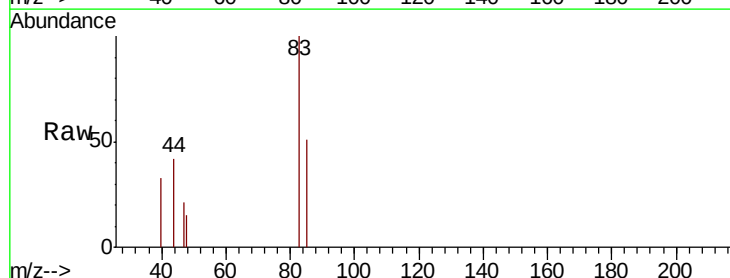
Acq: 24 Jun 2019 17:20

Tgt Ion: 83 Resp: 2394

Ion Ratio Lower Upper

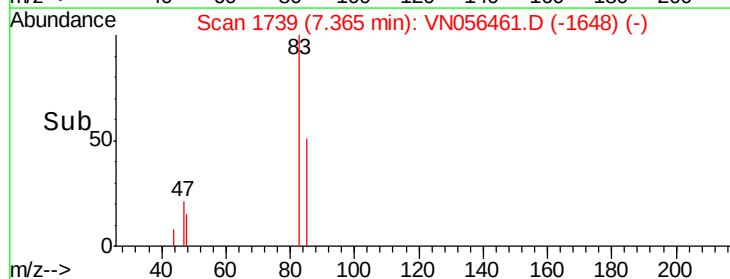
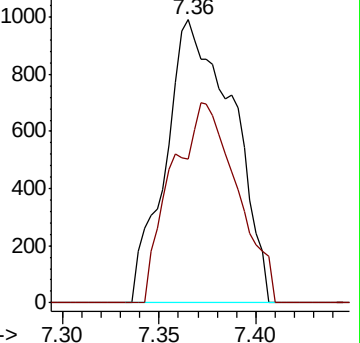
83 100

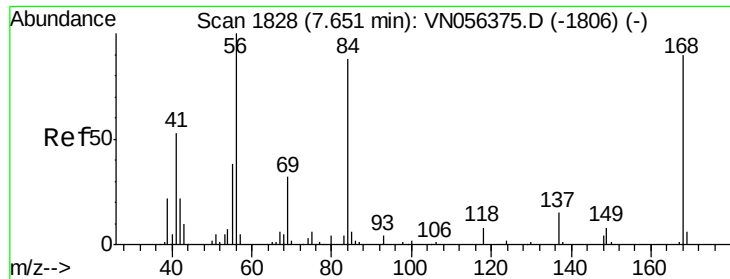
85 51.0 52.3 78.5#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

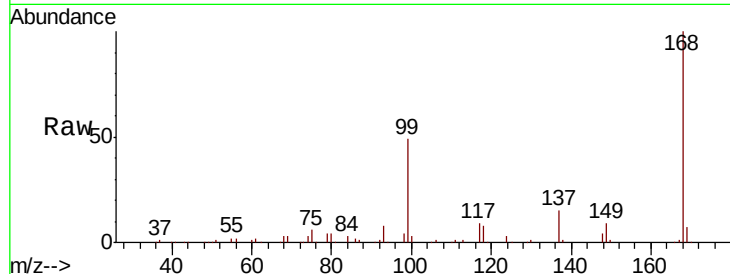




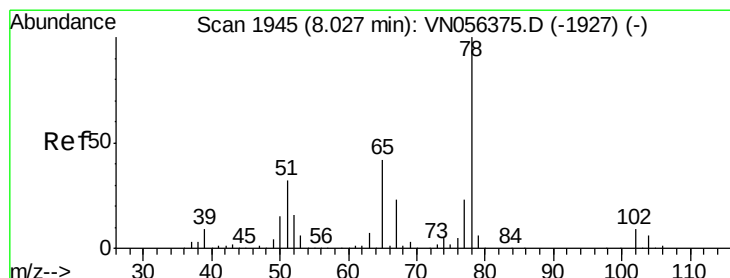
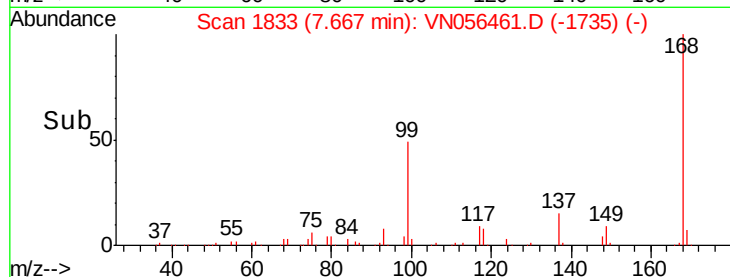
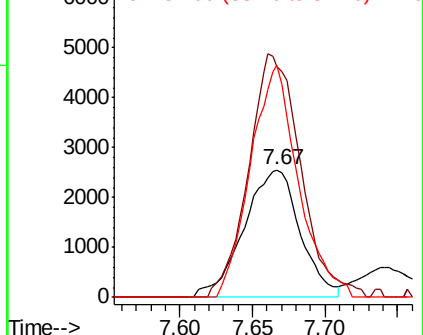
#31
Cyclohexane
Concen: 1.045 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN056461.D
Acq: 24 Jun 2019 17:20

Instrument :
MSVOA_N
ClientSampled :
TP-3

Tot Ion: 56 Resp: 6882
Ion Ratio Lower Upper
56 100
69 181.5 25.8 38.6#
84 182.0 69.4 104.0#

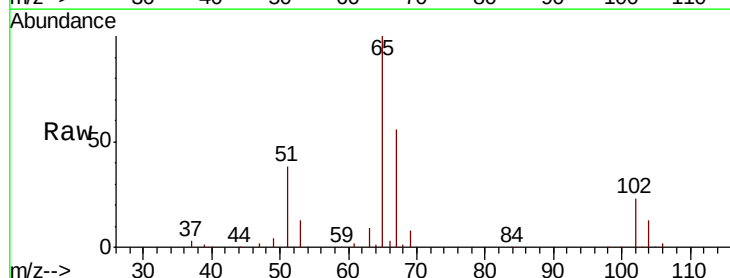


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

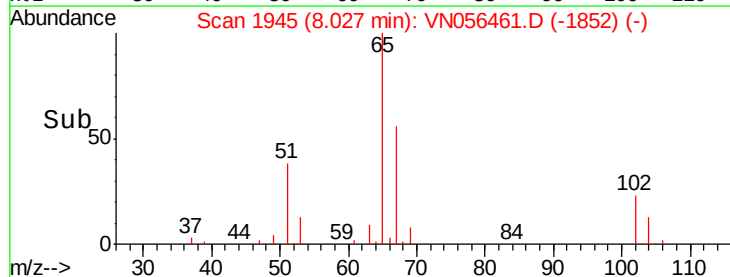
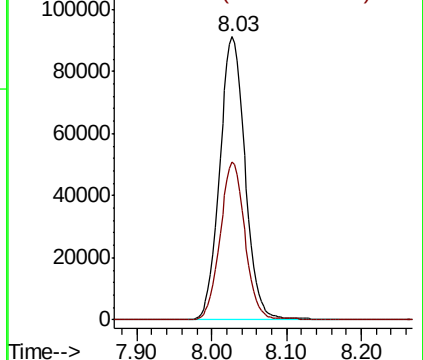


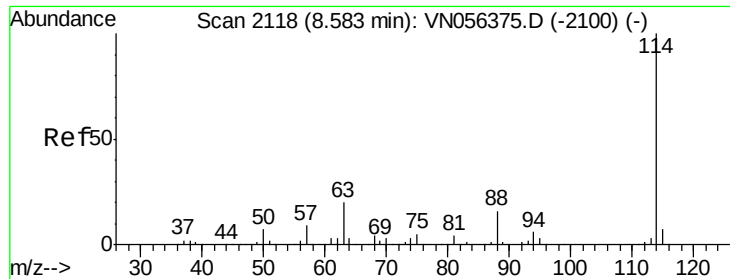
#33
1,2-Dichloroethane-d4
Concen: 50.306 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056461.D
Acq: 24 Jun 2019 17:20

Tgt Ion: 65 Resp: 214577
Ion Ratio Lower Upper
65 100
67 54.2 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: VN056461.D

Acq: 24 Jun 2019 17:20

Instrument :

MSVOA_N

ClientSampleId :

TP-3

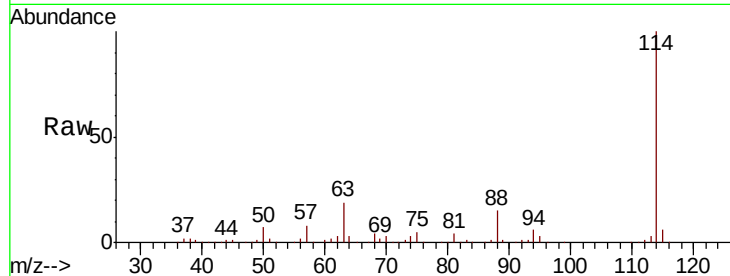
Tot Ion:114 Resp: 654835

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.2

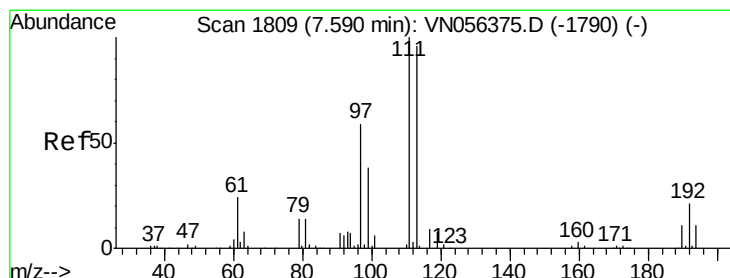
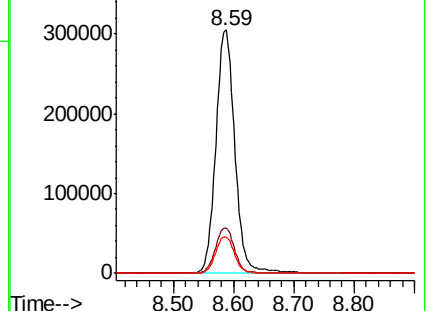
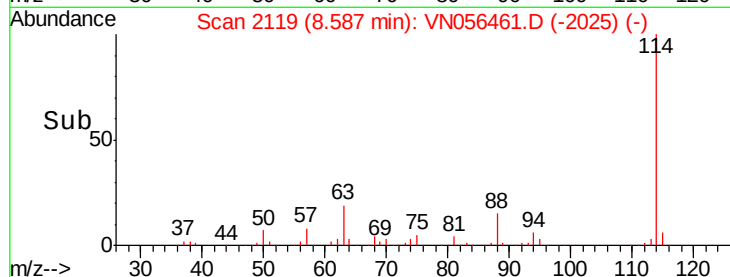
88 15.0 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 45.757 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056461.D

Acq: 24 Jun 2019 17:20

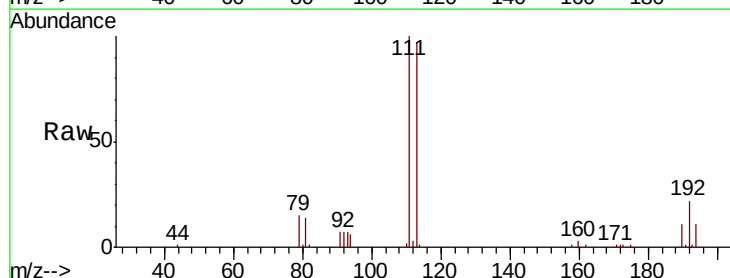
Tgt Ion:113 Resp: 186922

Ion Ratio Lower Upper

113 100

111 101.5 82.9 124.3

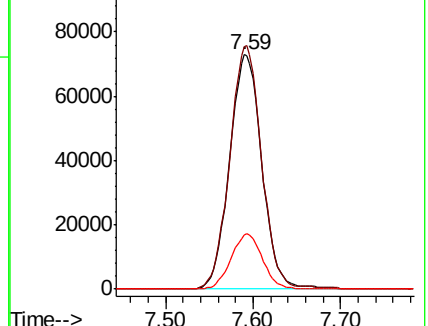
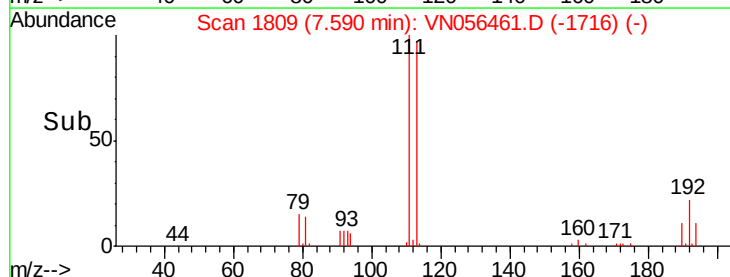
192 23.0 17.7 26.5

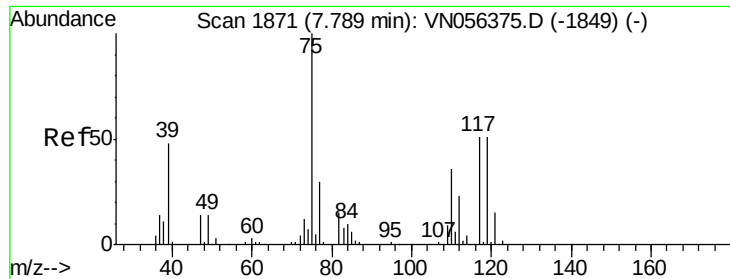


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

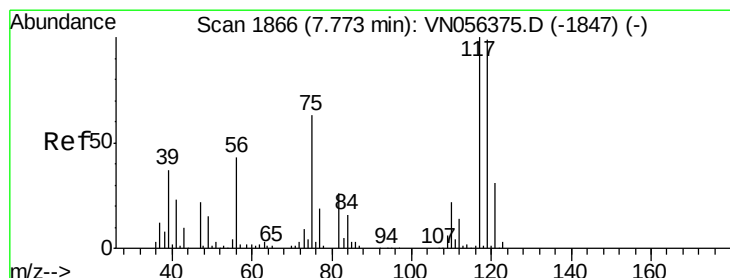
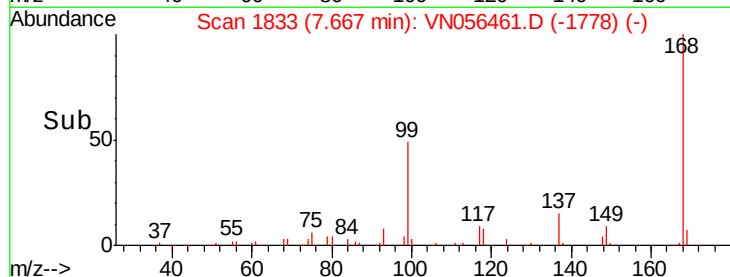
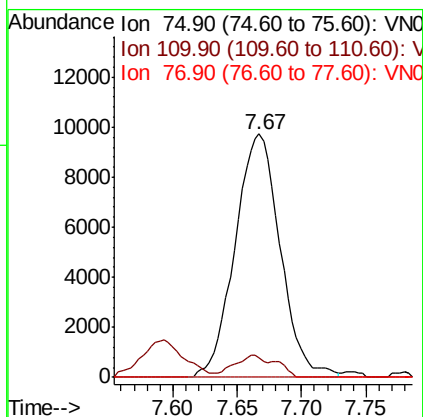
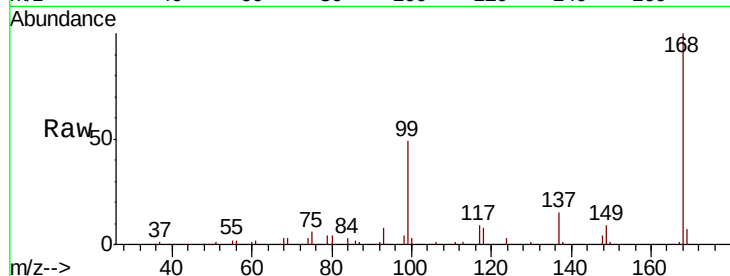




#36
 1,1-Dichloropropene
 Concen: 4.114 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN056461.D
 Acq: 24 Jun 2019 17:20

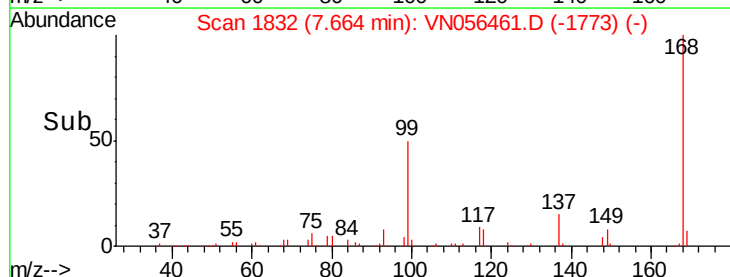
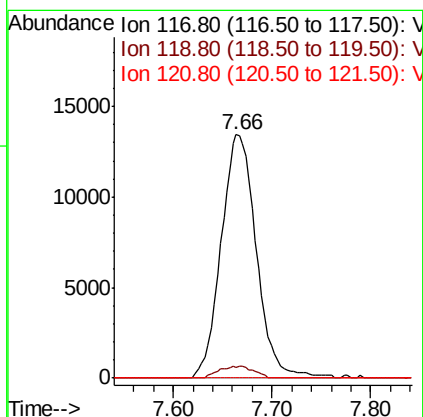
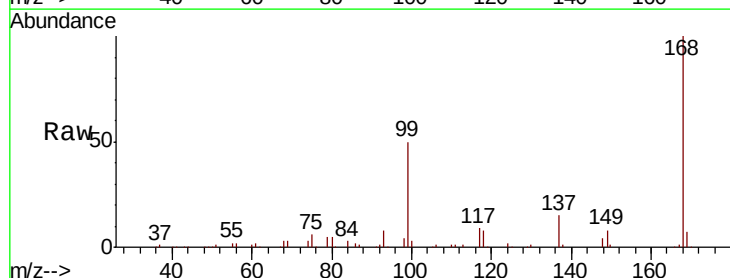
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

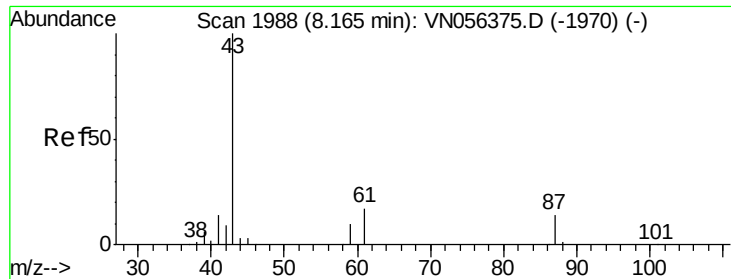
Tot Ion: 75 Resp: 23712
 Ion Ratio Lower Upper
 75 100
 110 4.5 18.1 54.3#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.642 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN056461.D
 Acq: 24 Jun 2019 17:20

Tgt Ion: 117 Resp: 33476
 Ion Ratio Lower Upper
 117 100
 119 4.6 79.1 118.7#
 121 0.0 24.8 37.2#





#43

Isopropyl Acetate

Concen: 1.919 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056461.D

Acq: 24 Jun 2019 17:20

Instrument :

MSVOA_N

ClientSampleId :

TP-3

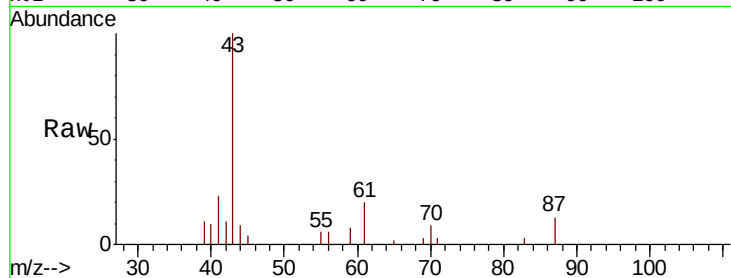
Tot Ion: 43 Resp: 16760

Ion Ratio Lower Upper

43 100

61 18.5 22.0 33.0#

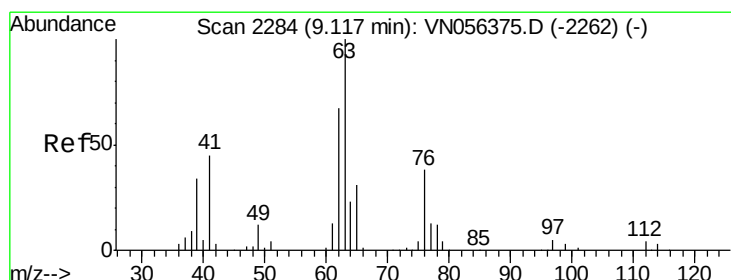
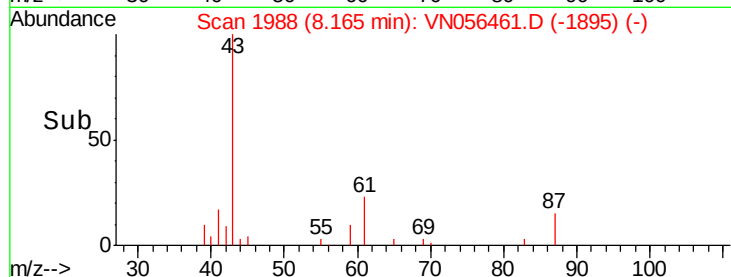
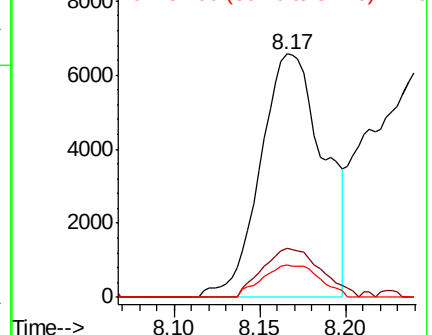
87 12.0 11.0 16.4



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: 0.439 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.16 min

Lab File: VN056461.D

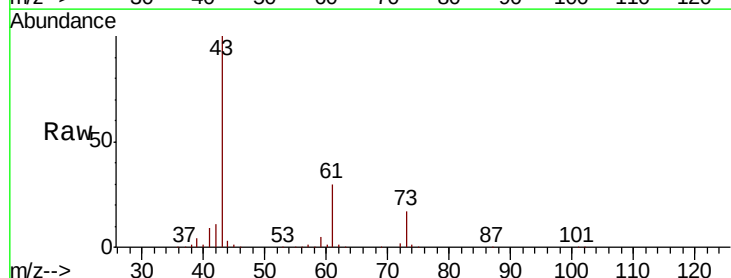
Acq: 24 Jun 2019 17:20

Tgt Ion: 63 Resp: 2081

Ion Ratio Lower Upper

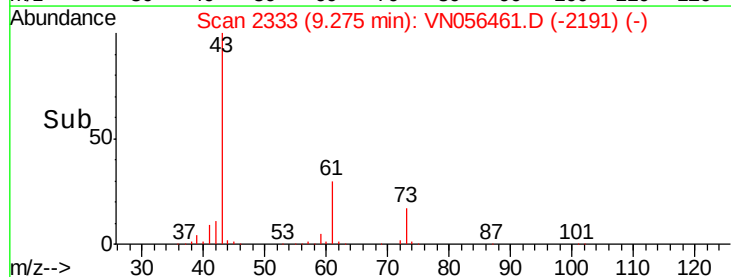
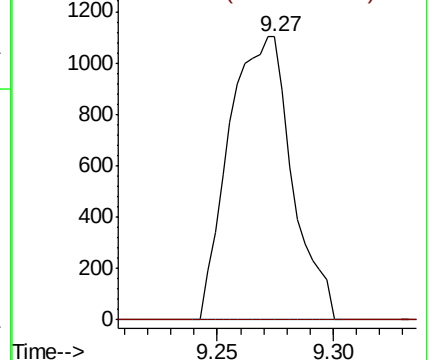
63 100

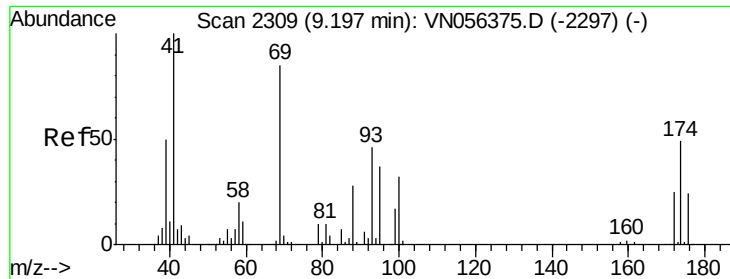
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

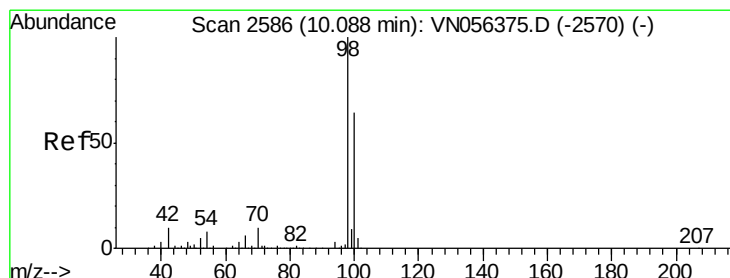
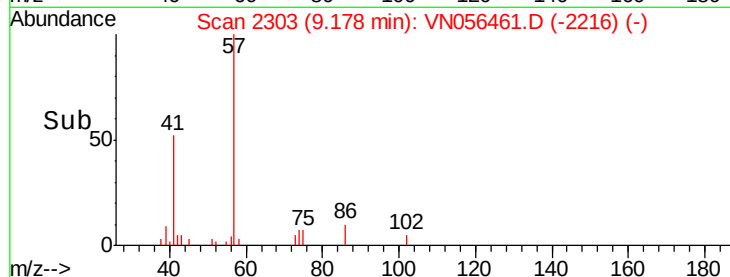
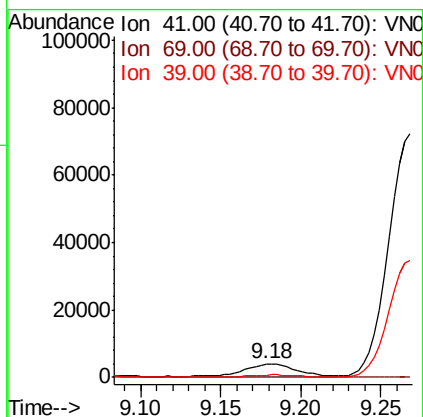
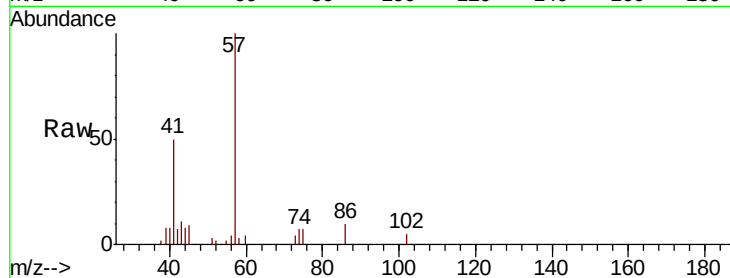




#48
Methvl methacrylate
Concen: 1.788 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN056461.D
Acq: 24 Jun 2019 17:20

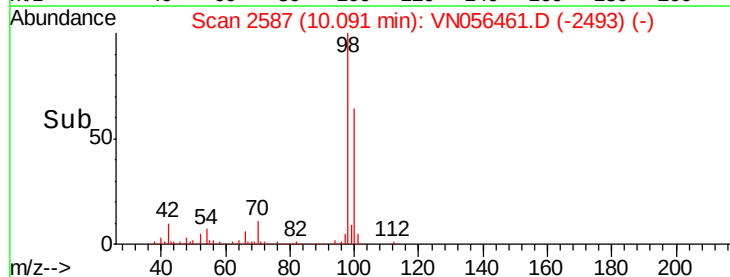
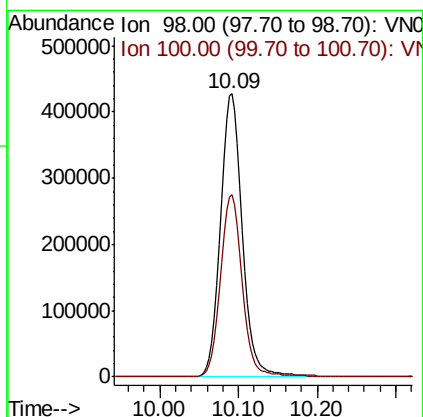
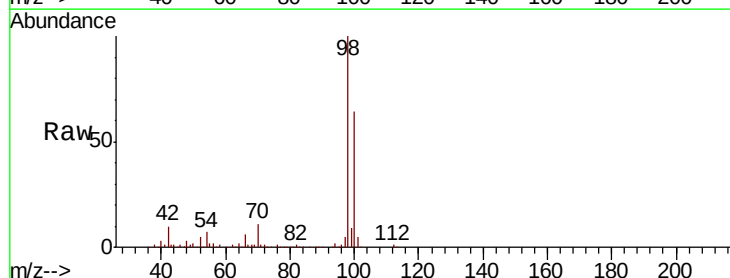
Instrument :
MSVOA_N
ClientSampled :
TP-3

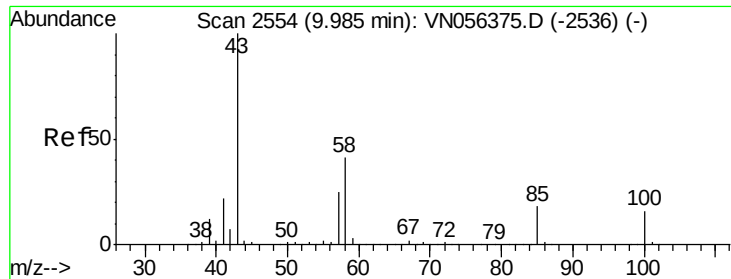
Tot Ion: 41 Resp: 7824
Ion Ratio Lower Upper
41 100
69 0.0 72.6 109.0#
39 0.0 42.6 63.8#



#50
Toluene-d8
Concen: 51.469 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056461.D
Acq: 24 Jun 2019 17:20

Tgt Ion: 98 Resp: 818122
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 1.440 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN056461.D

Acq: 24 Jun 2019 17:20

Instrument :

MSVOA_N

ClientSampled :

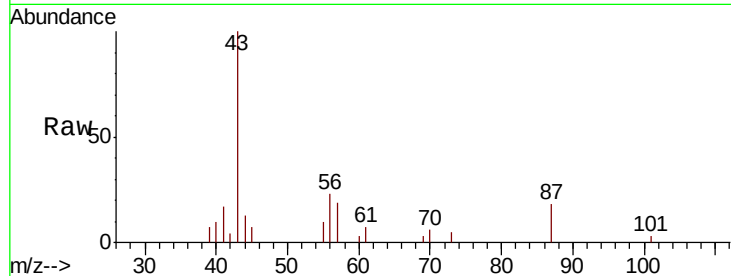
TP-3

Tot Ion: 43 Resp: 8117

Ion Ratio Lower Upper

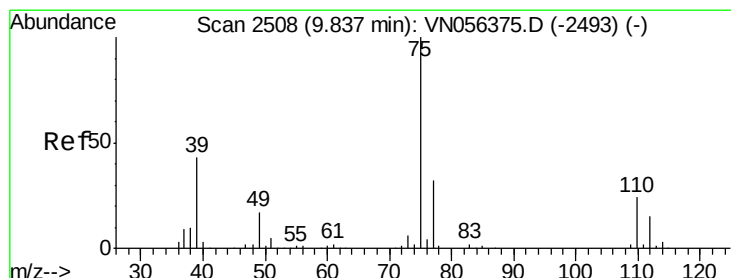
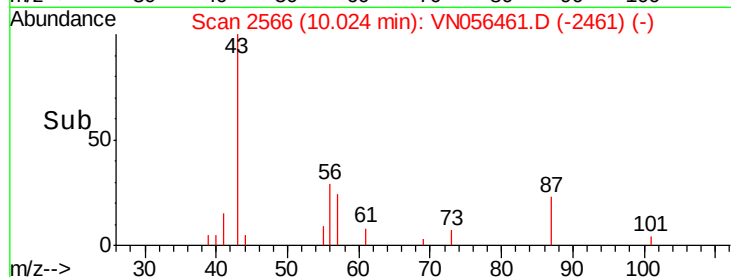
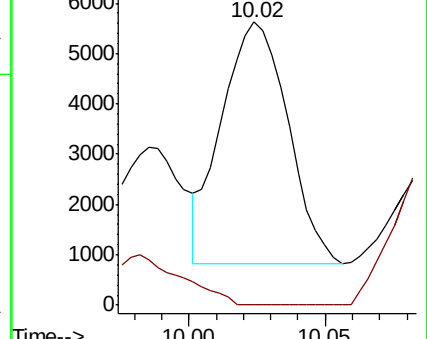
43 100

58 0.0 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: 10.084 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056461.D

Acq: 24 Jun 2019 17:20

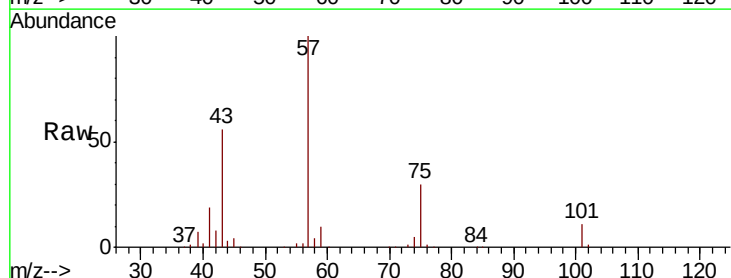
Tgt Ion: 75 Resp: 63890

Ion Ratio Lower Upper

75 100

77 0.7 25.2 37.8#

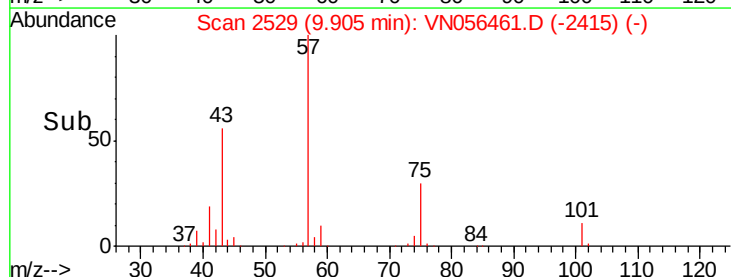
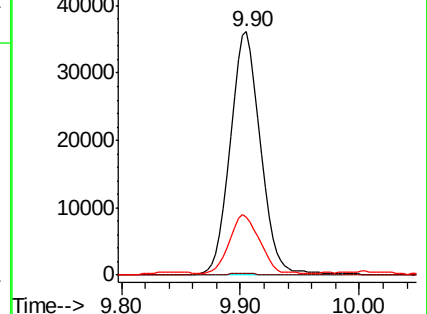
39 23.0 34.2 51.4#

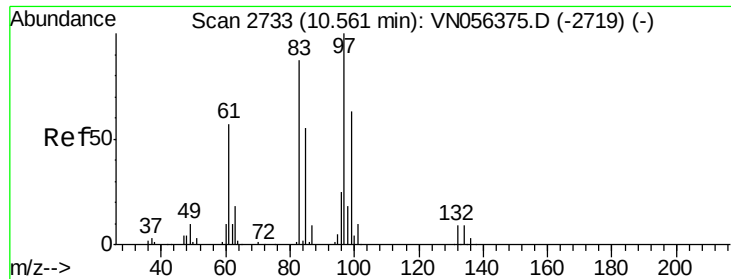


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

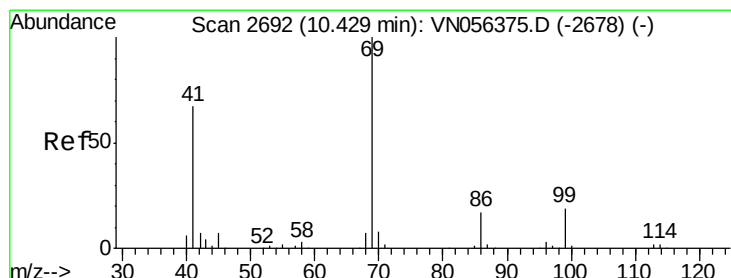
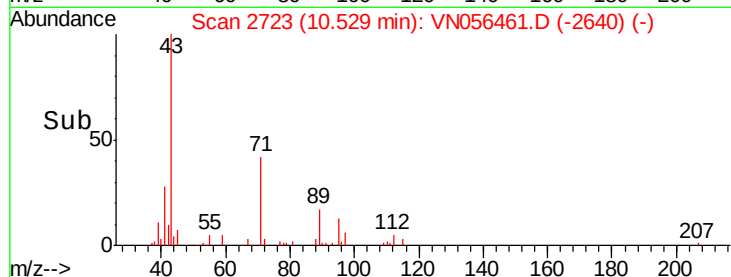
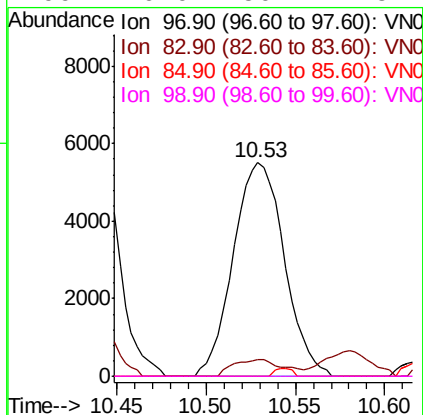
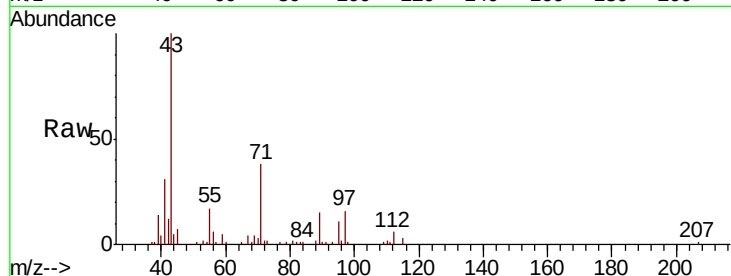




#55
 1,1,2-Trichloroethane
 Concen: 2.522 ug/l
 RT: 10.53 min Scan# 2723
 Delta R.T. -0.03 min
 Lab File: VN056461.D
 Acq: 24 Jun 2019 17:20

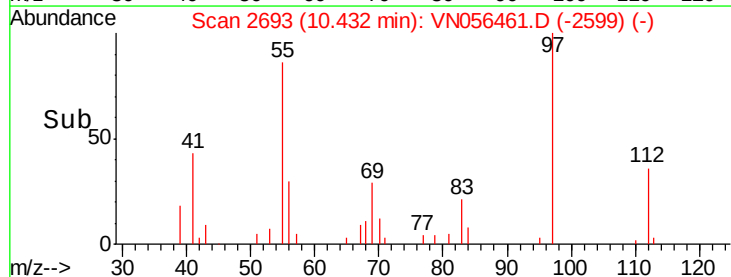
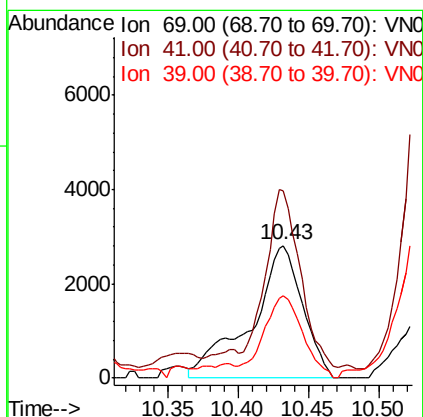
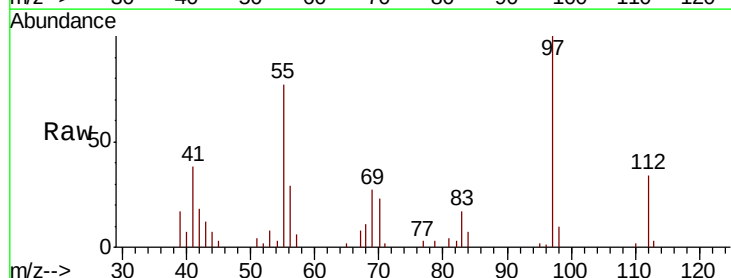
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

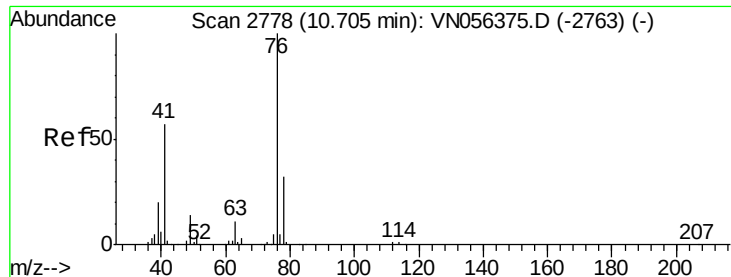
Tot Ion	Ratio	Lower	Upper
97	100		
83	7.7	69.8	104.6#
85	0.0	43.8	65.8#
99	0.0	50.2	75.2#



#56
 Ethyl methacrylate
 Concen: 1.124 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN056461.D
 Acq: 24 Jun 2019 17:20

Tgt Ion	Ratio	Lower	Upper
69	100		
41	89.7	51.4	77.2#
39	47.1	24.7	37.1#





#57

1,3-Dichloropropane

Concen: 1.949 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN056461.D

Acq: 24 Jun 2019 17:20

Instrument :

MSVOA_N

ClientSampled :

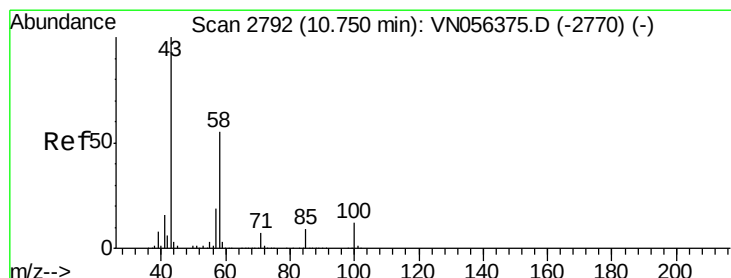
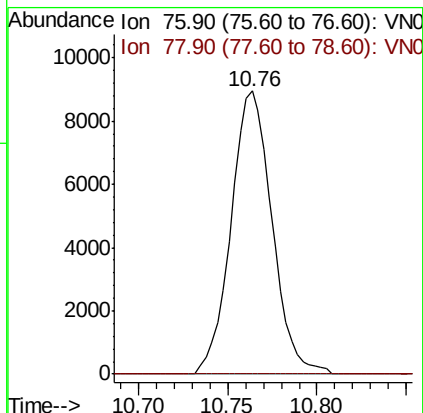
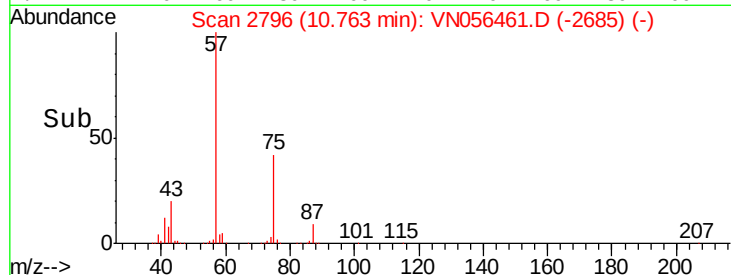
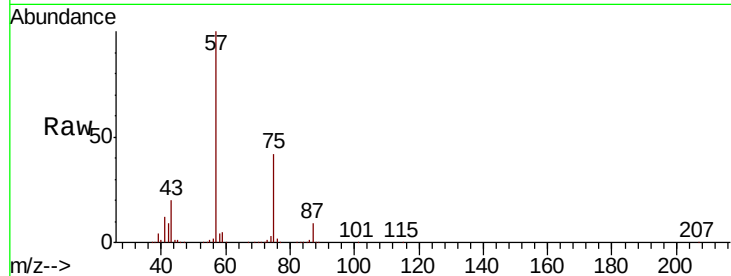
TP-3

Tot Ion: 76 Resp: 14267

Ion Ratio Lower Upper

76 100

78 0.0 25.9 38.9#



#59

2-Hexanone

Concen: 44.596 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN056461.D

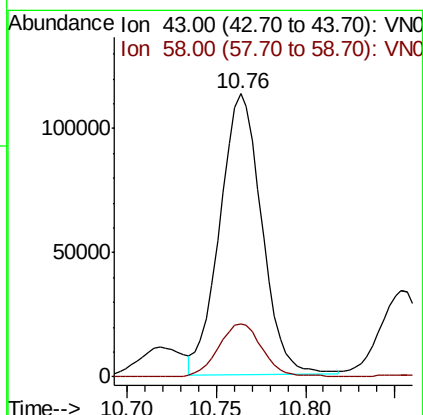
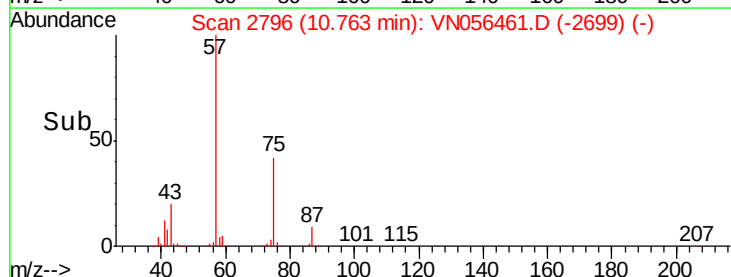
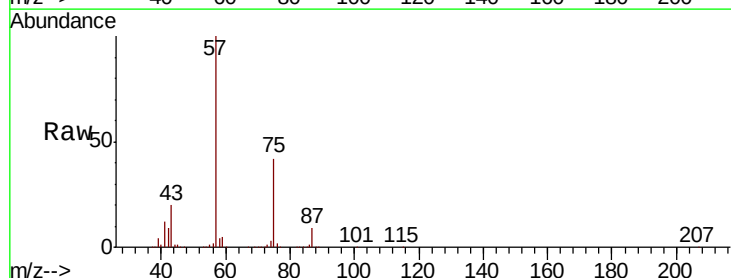
Acq: 24 Jun 2019 17:20

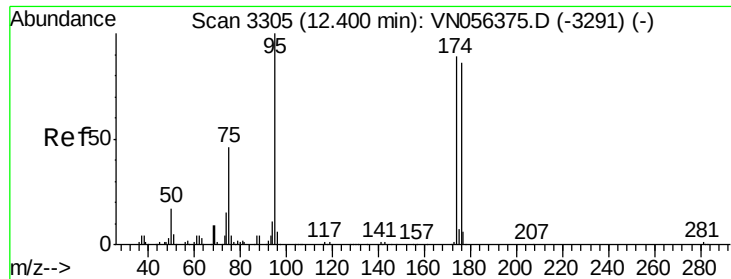
Tgt Ion: 43 Resp: 184774

Ion Ratio Lower Upper

43 100

58 20.2 27.8 83.4#

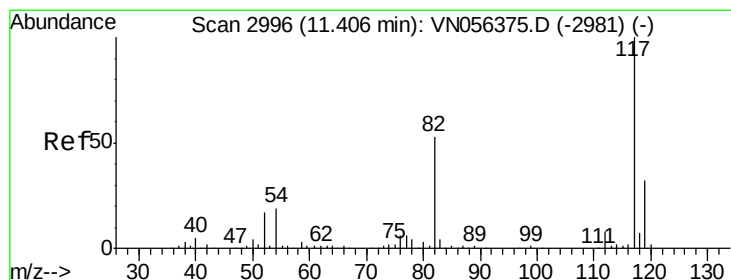
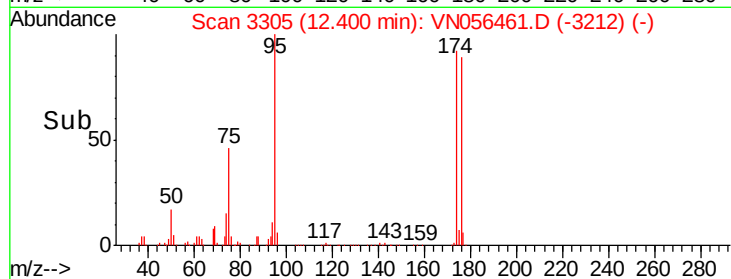
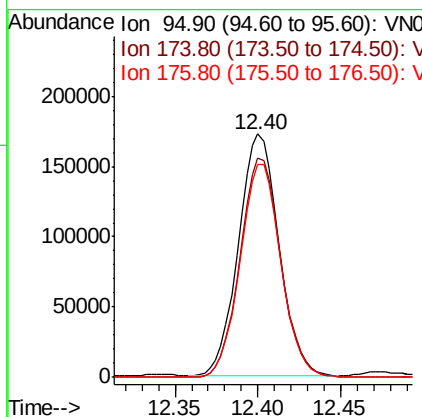
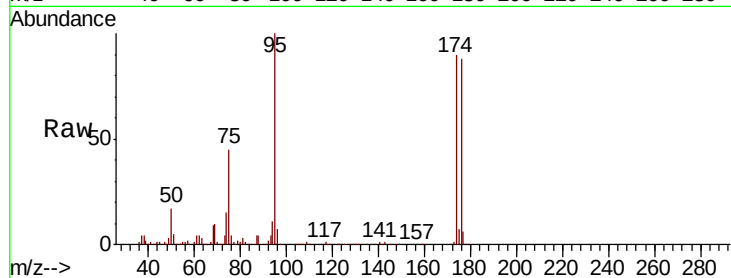




#62
4-Bromofluorobenzene
Concen: 54.868 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056461.D
Acq: 24 Jun 2019 17:20

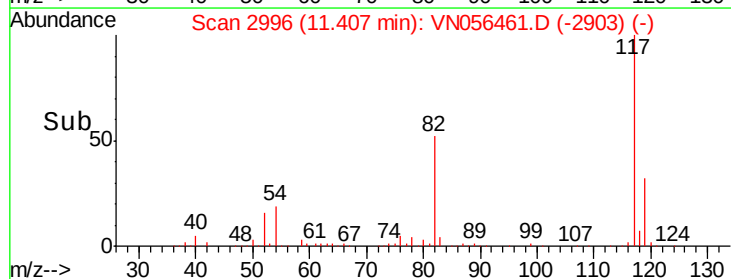
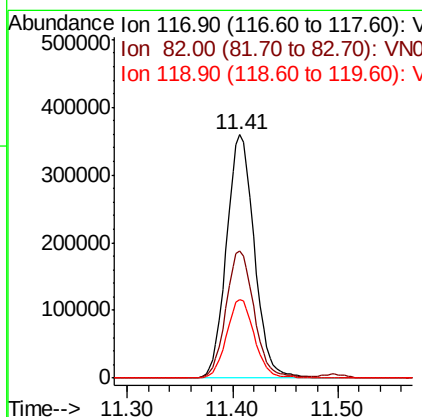
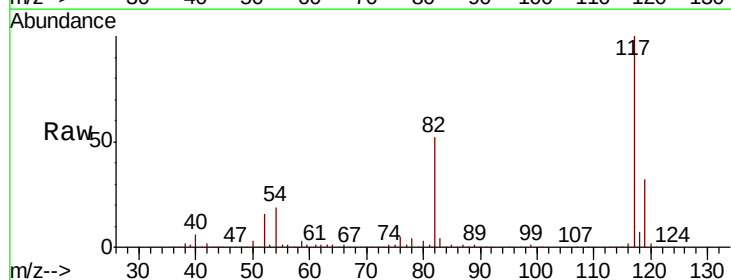
Instrument :
MSVOA_N
ClientSampleId :
TP-3

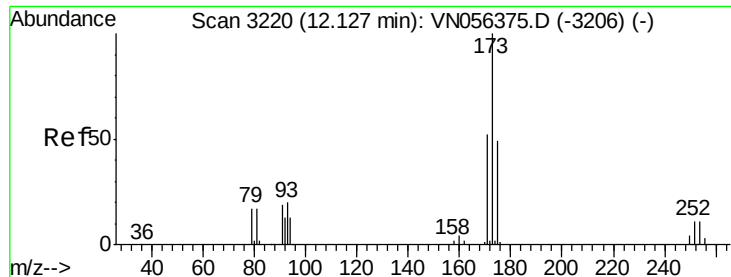
Tot Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	179.4
176	89.2	0.0	173.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056461.D
Acq: 24 Jun 2019 17:20

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.0	63.0
119	32.3	25.3	37.9





#71

Bromoform

Concen: 3.656 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN056461.D

Acq: 24 Jun 2019 17:20

Instrument :

MSVOA_N

ClientSampleId :

TP-3

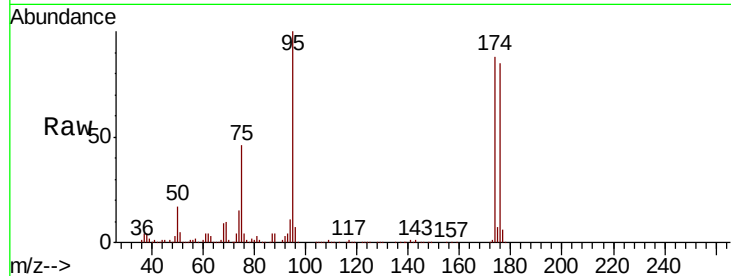
Tot Ion:173 Resp: 1968

Ion Ratio Lower Upper

173 100

175 875.7 24.4 73.4#

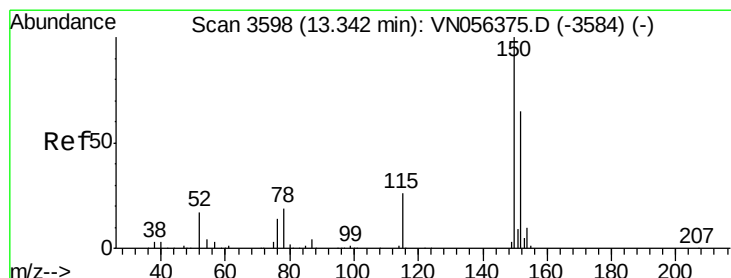
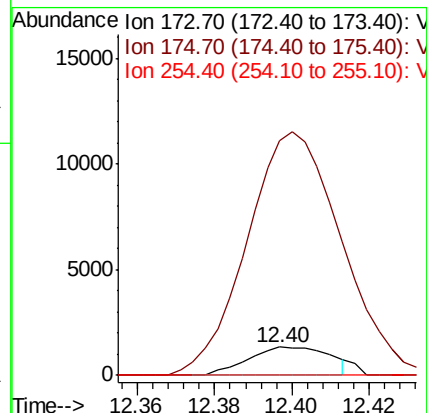
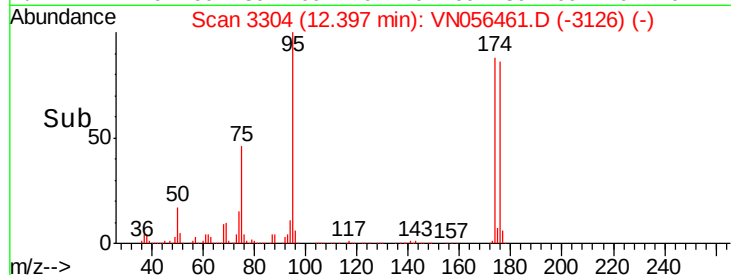
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056461.D

Acq: 24 Jun 2019 17:20

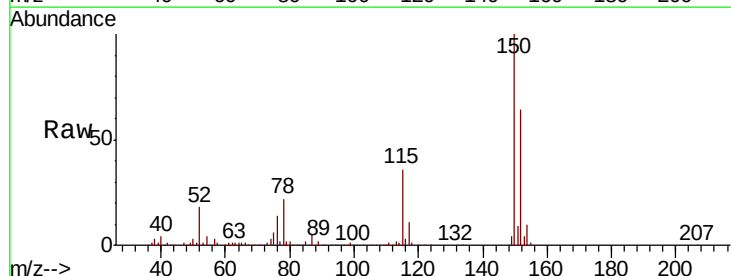
Tgt Ion:152 Resp: 247136

Ion Ratio Lower Upper

152 100

115 55.6 28.1 84.4

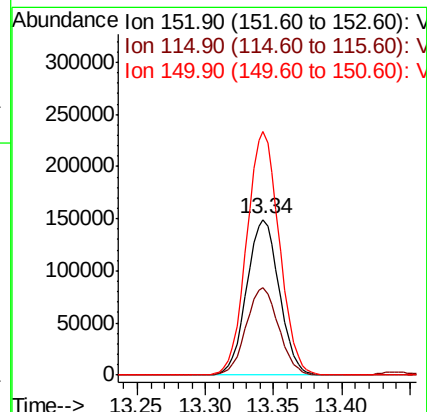
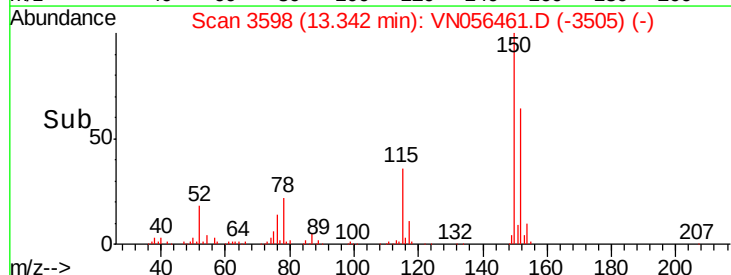
150 156.6 0.0 348.4

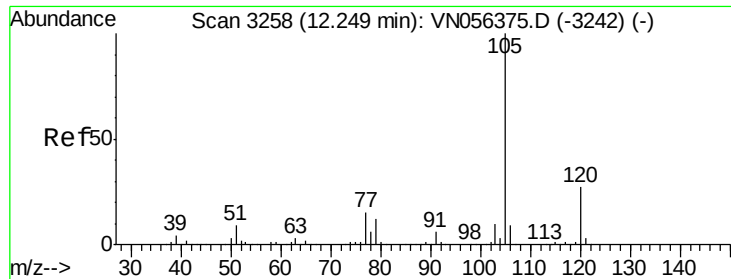


Abundance Ion 151.90 (151.60 to 152.60): V

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# 3258

Delta R.T. 0.00 min

Lab File: VN056461.D

Acq: 24 Jun 2019 17:20

Instrument :

MSVOA_N

ClientSampled :

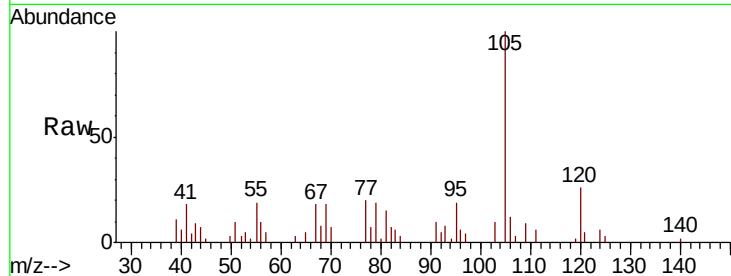
TP-3

Tot Ion:105 Resp: 13541

Ion Ratio Lower Upper

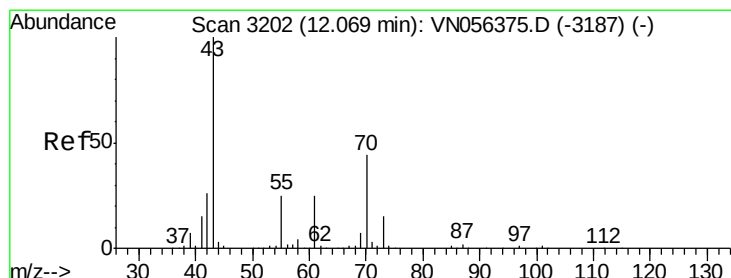
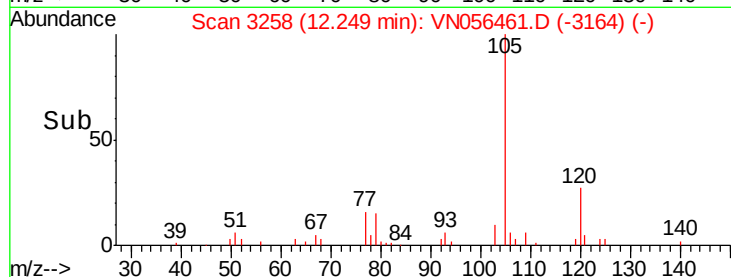
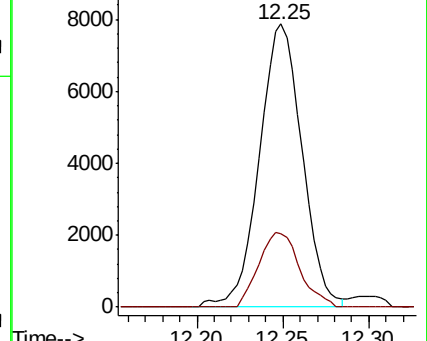
105 100

120 25.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.232 ug/l

RT: 12.04 min Scan# 3193

Delta R.T. -0.03 min

Lab File: VN056461.D

Acq: 24 Jun 2019 17:20

Tgt Ion: 43 Resp: 1826

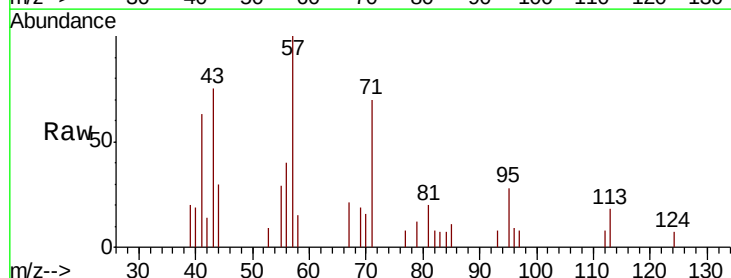
Ion Ratio Lower Upper

43 100

70 6.9 34.9 52.3#

55 0.0 20.4 30.6#

61 0.0 19.8 29.8#

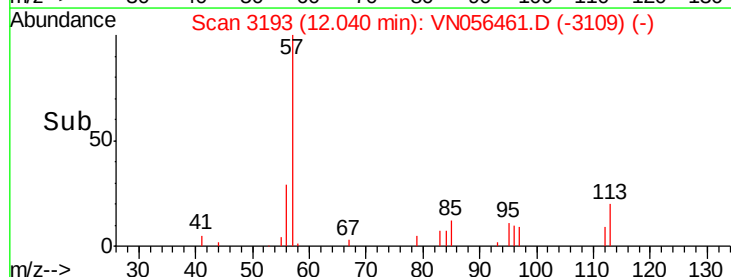
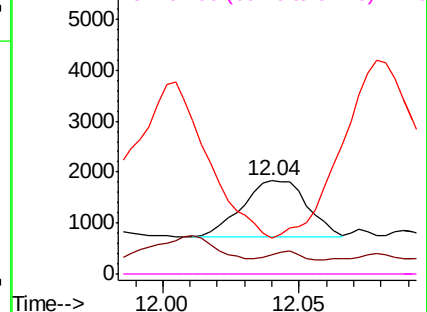


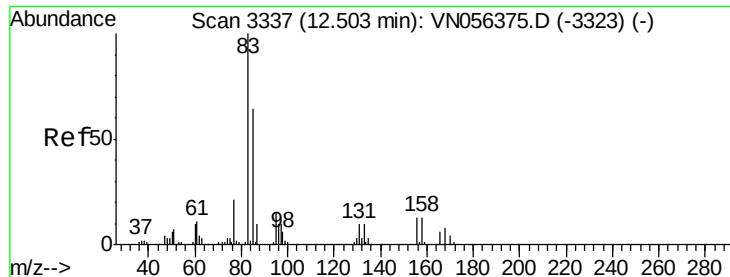
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.47 min Scan# 3327

Delta R.T. -0.03 min

Lab File: VN056461.D

Acq: 24 Jun 2019 17:20

Instrument :

MSVOA_N

ClientSampleId :

TP-3

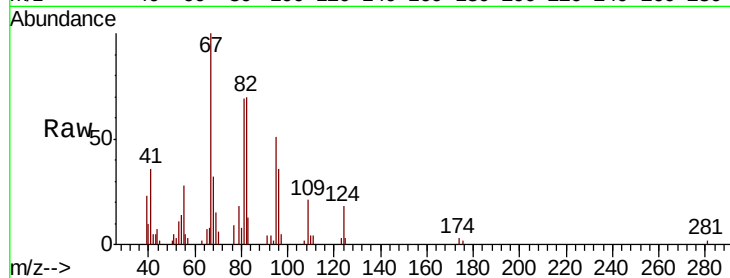
Tot Ion: 83 Resp: 1659

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

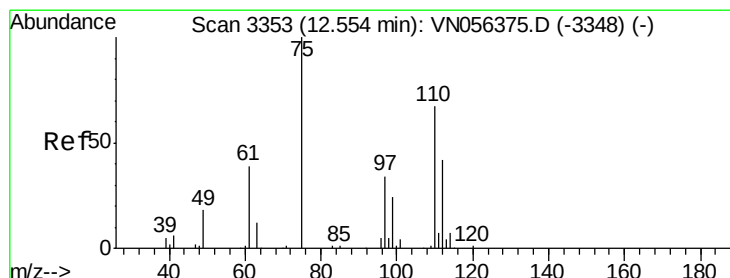
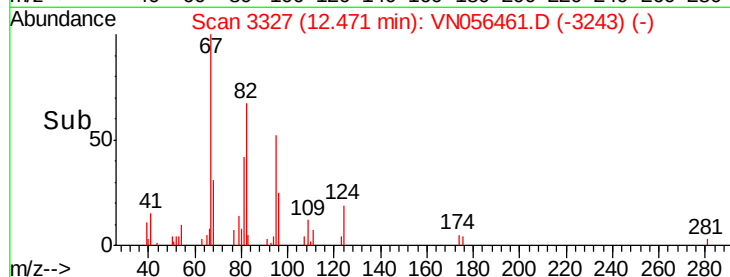
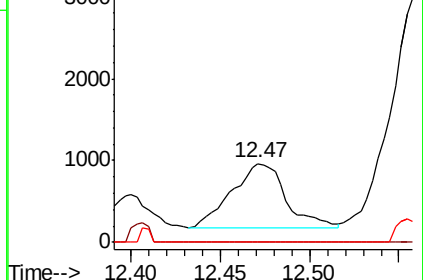
85 0.0 32.4 97.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.190 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056461.D

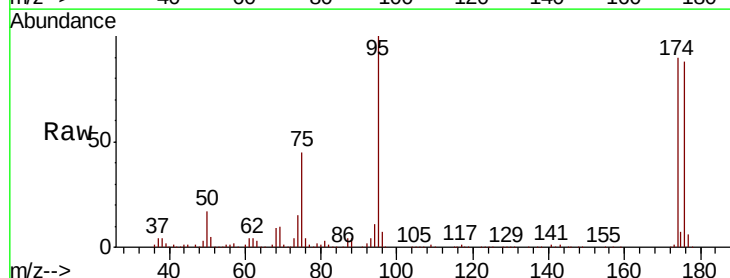
Acq: 24 Jun 2019 17:20

Tgt Ion: 75 Resp: 134206

Ion Ratio Lower Upper

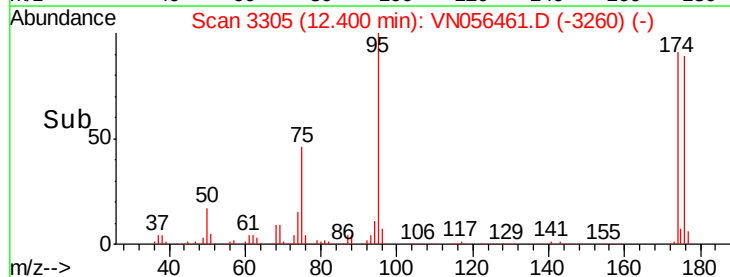
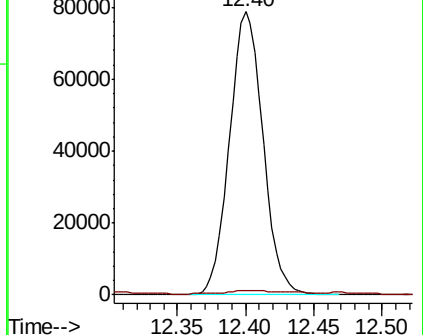
75 100

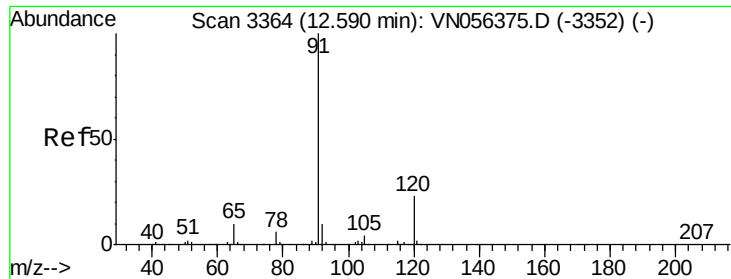
77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 0.809 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056461.D

Acq: 24 Jun 2019 17:20

Instrument :

MSVOA_N

ClientSampled :

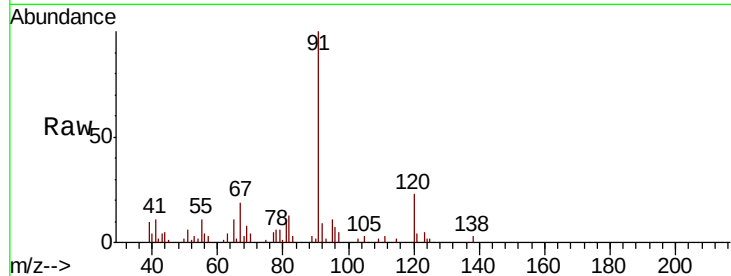
TP-3

Tot Ion: 91 Resp: 18305

Ion Ratio Lower Upper

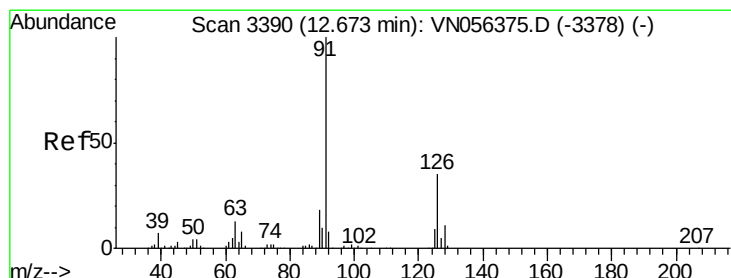
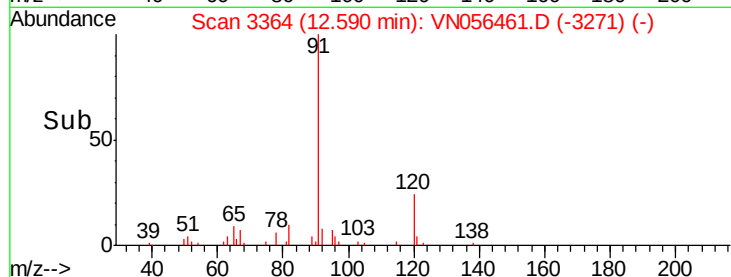
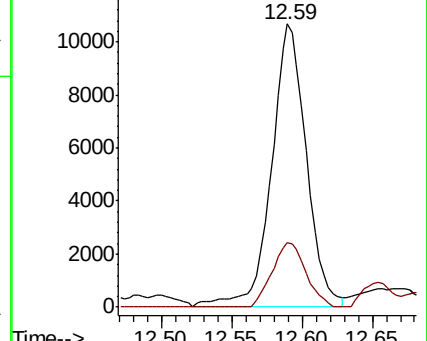
91 100

120 22.1 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: 12.59 min Scan# 3364

Delta R.T. -0.08 min

Lab File: VN056461.D

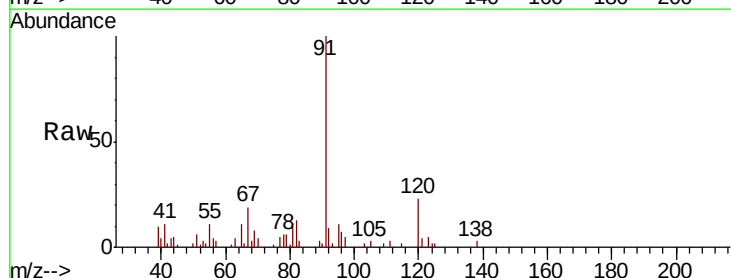
Acq: 24 Jun 2019 17:20

Tgt Ion: 91 Resp: 18305

Ion Ratio Lower Upper

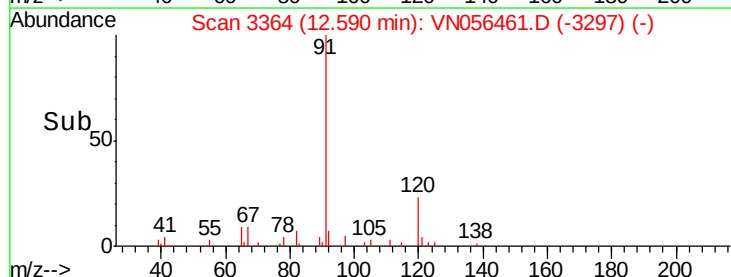
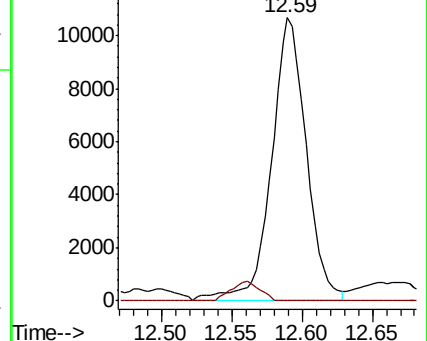
91 100

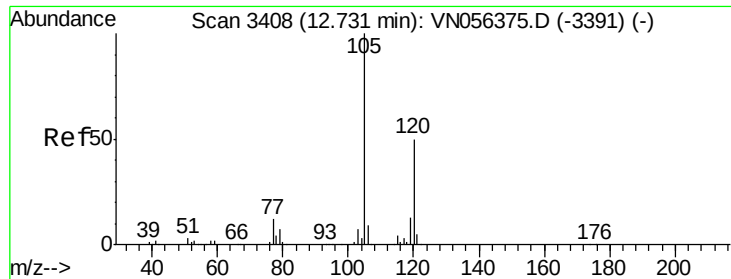
126 0.0 17.6 52.8#



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: VN056461.D

Acq: 24 Jun 2019 17:20

Instrument :

MSVOA_N

ClientSampleId :

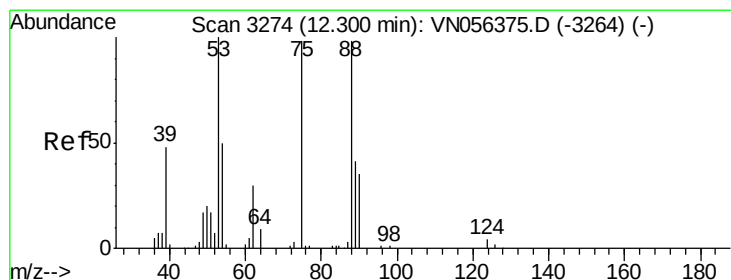
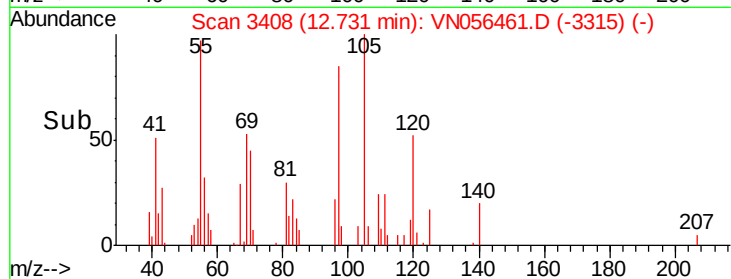
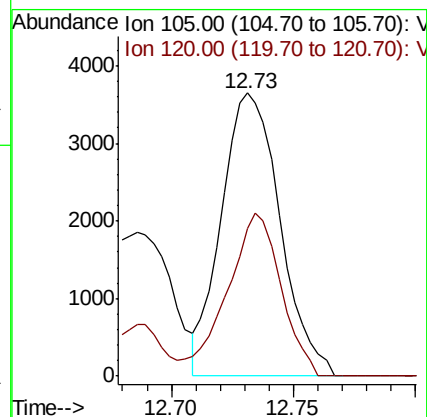
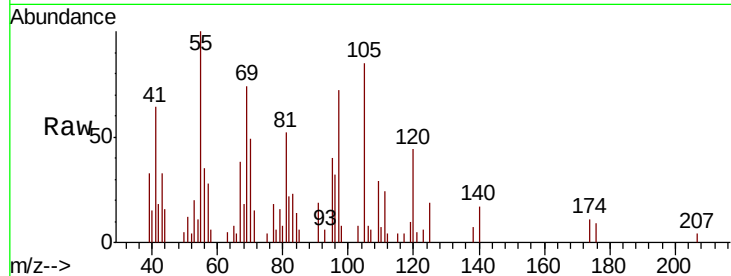
TP-3

Tot Ion:105 Resp: 6103

Ion Ratio Lower Upper

105 100

120 52.3 24.8 74.4



#81

trans-1,4-Dichloro-2-butene

Concen: 93.082 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056461.D

Acq: 24 Jun 2019 17:20

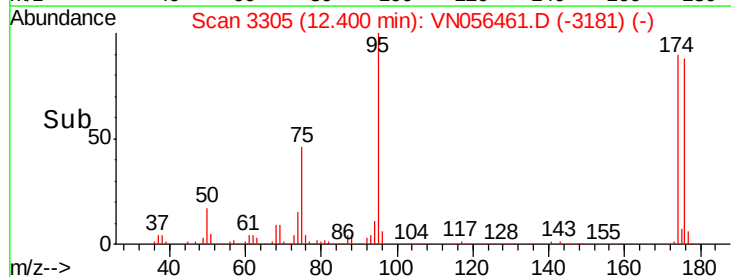
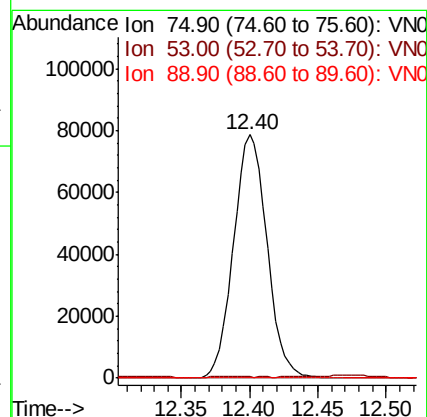
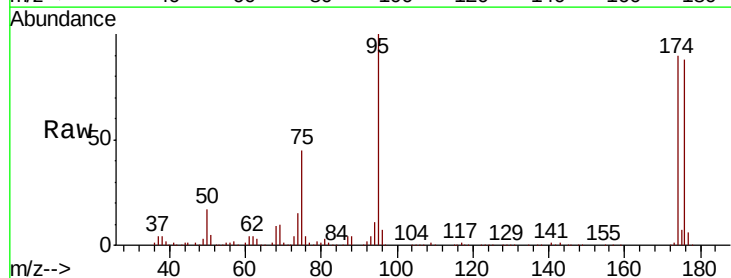
Tgt Ion: 75 Resp: 134206

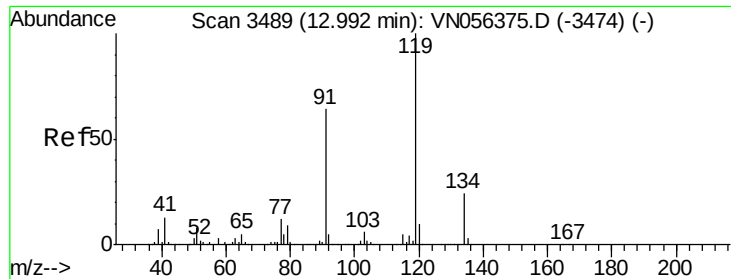
Ion Ratio Lower Upper

75 100

53 0.3 83.9 125.9#

89 0.0 35.0 52.6#

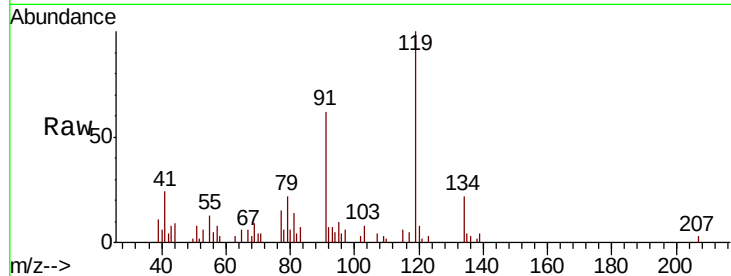




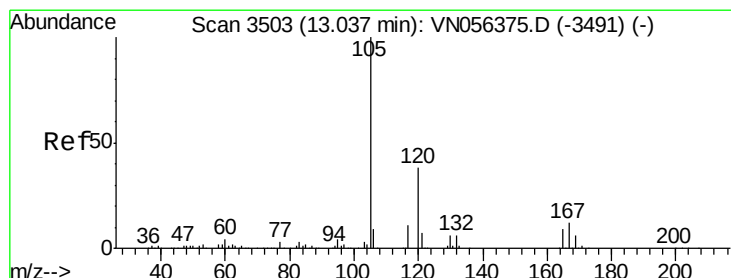
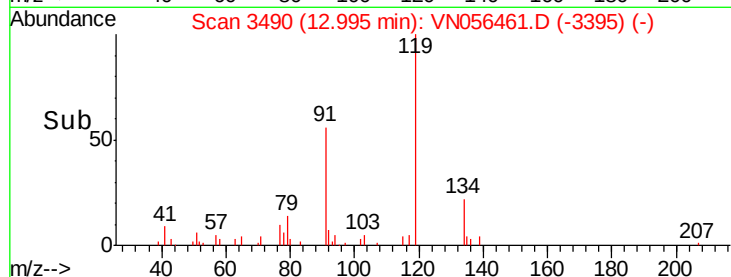
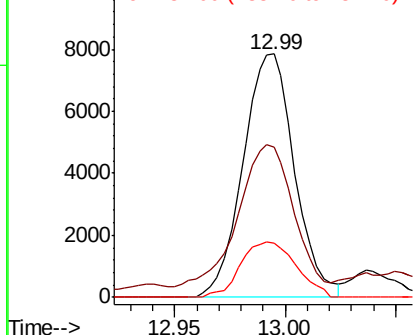
#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN056461.D
 Acq: 24 Jun 2019 17:20

Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

Tot Ion:119 Resp: 12731
 Ion Ratio Lower Upper
 119 100
 91 61.7 31.6 94.7
 134 24.5 13.2 39.5

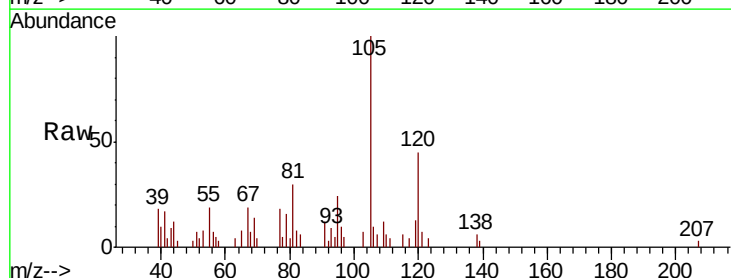


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

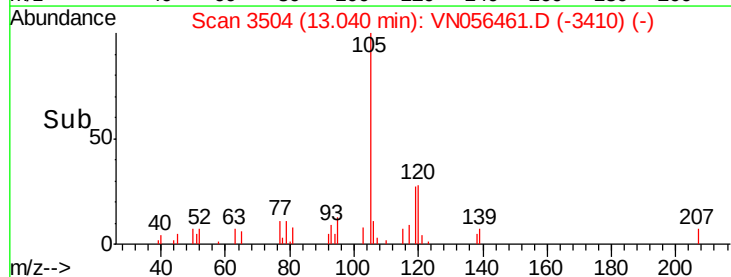
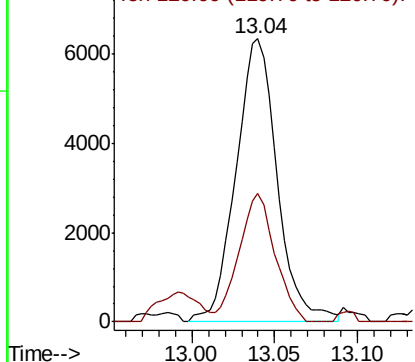


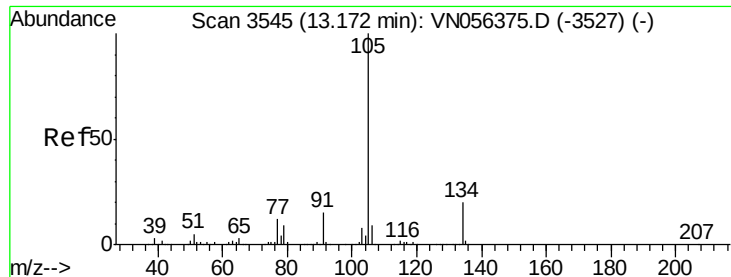
#84
 1,2,4-Trimethylbenzene
 Concen: 0.659 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056461.D
 Acq: 24 Jun 2019 17:20

Tgt Ion:105 Resp: 10969
 Ion Ratio Lower Upper
 105 100
 120 39.7 22.9 68.8



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





#85

sec-Butylbenzene

Concen: 6.650 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056461.D

Acq: 24 Jun 2019 17:20

Instrument :

MSVOA_N

ClientSampled :

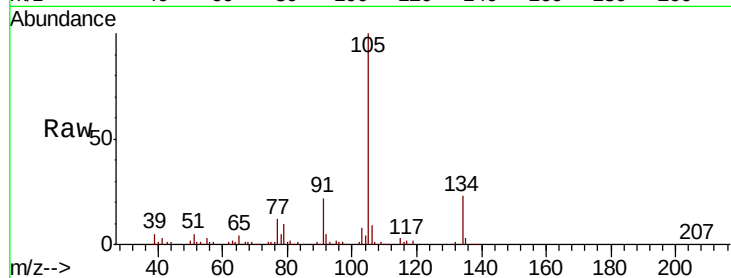
TP-3

Tot Ion:105 Resp: 132288

Ion Ratio Lower Upper

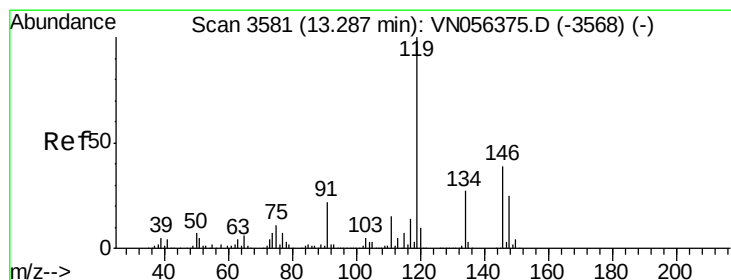
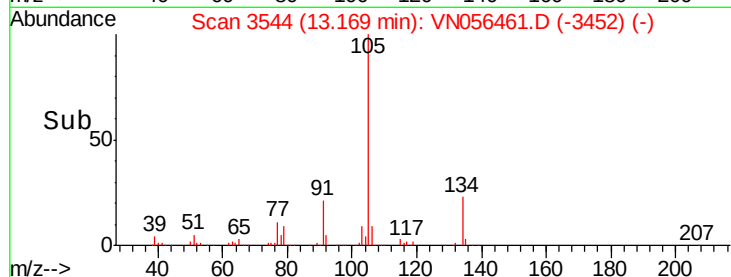
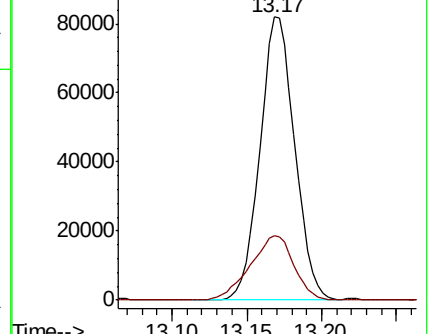
105 100

134 28.5 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 3.159 ug/l

RT: 13.44 min Scan# 3629

Delta R.T. 0.15 min

Lab File: VN056461.D

Acq: 24 Jun 2019 17:20

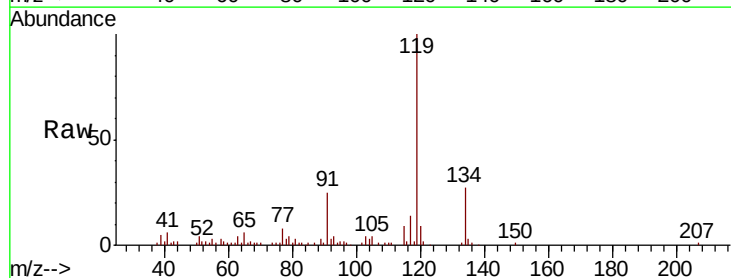
Tgt Ion:119 Resp: 53935

Ion Ratio Lower Upper

119 100

134 27.9 13.5 40.4

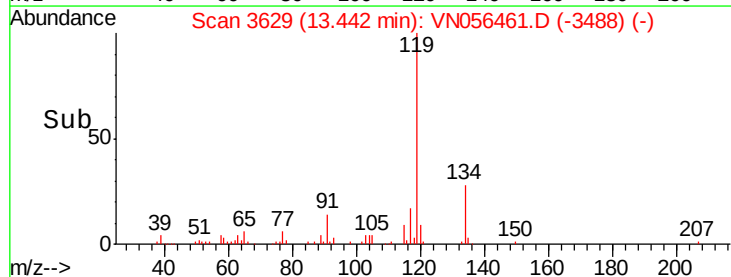
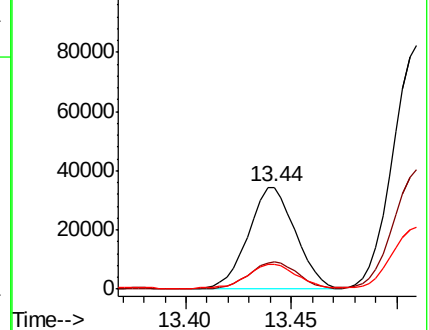
91 24.4 11.2 33.5

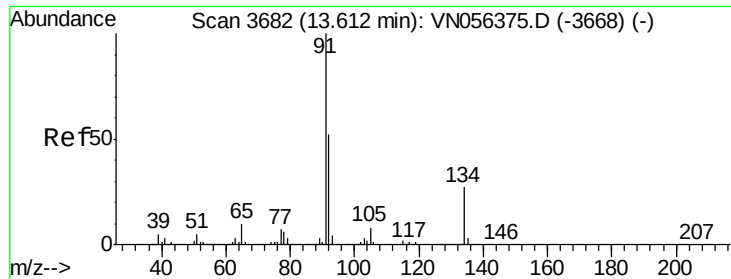


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

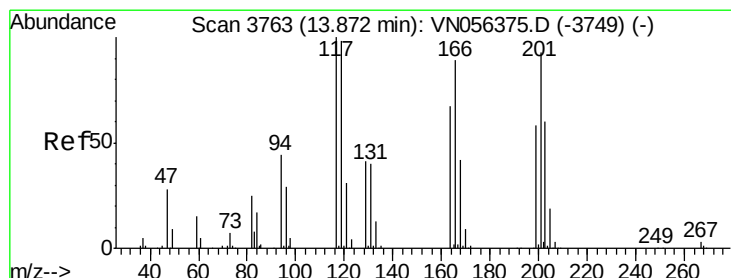
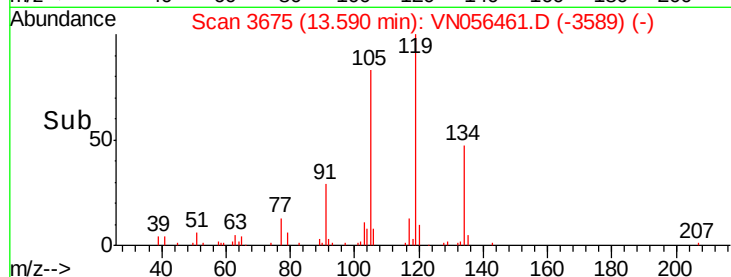
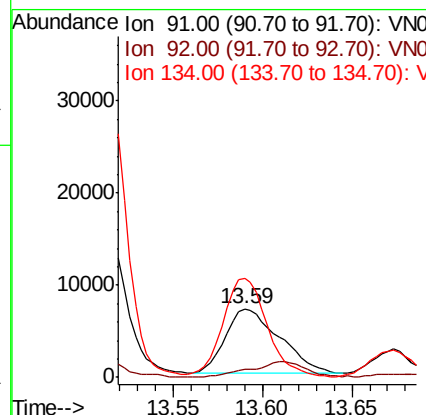
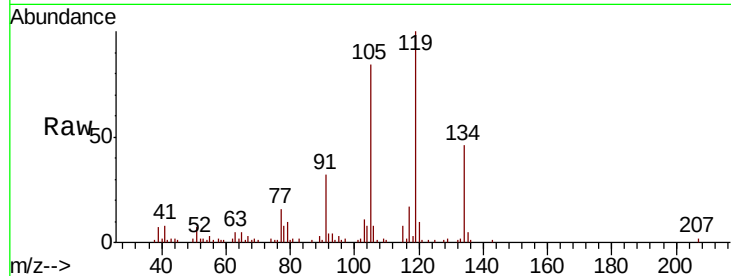




#89
n-Butylbenzene
Concen: 1.134 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.02 min
Lab File: VN056461.D
Acq: 24 Jun 2019 17:20

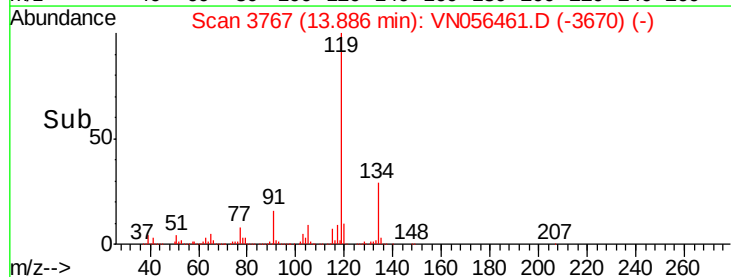
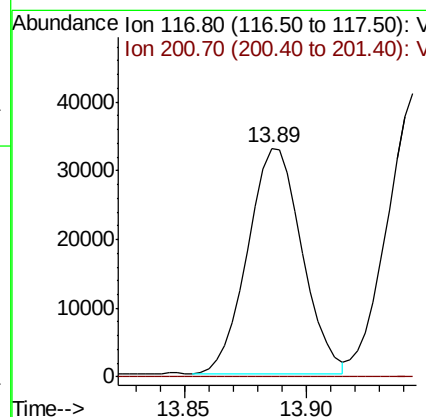
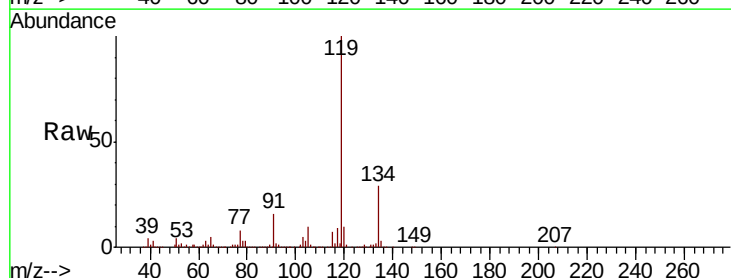
Instrument :
MSVOA_N
ClientSampleId :
TP-3

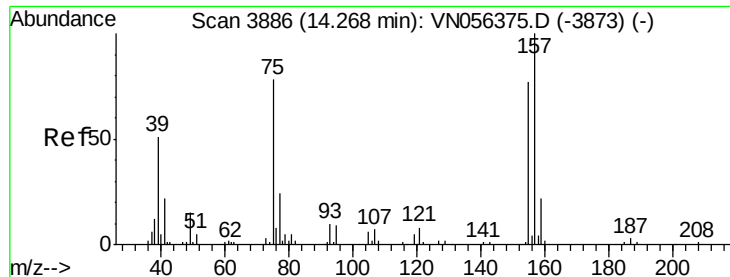
Tot Ion: 91 Resp: 14652
Ion Ratio Lower Upper
91 100
92 0.0 26.2 78.5#
134 127.0 13.4 40.2#



#90
Hexachloroethane
Concen: 18.976 ug/l
RT: 13.89 min Scan# 3767
Delta R.T. 0.01 min
Lab File: VN056461.D
Acq: 24 Jun 2019 17:20

Tgt Ion: 117 Resp: 50505
Ion Ratio Lower Upper
117 100
201 0.0 45.9 137.6#

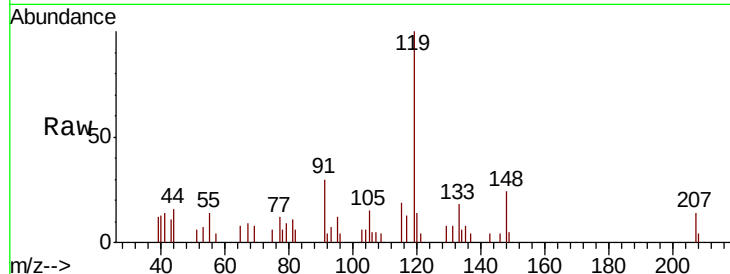




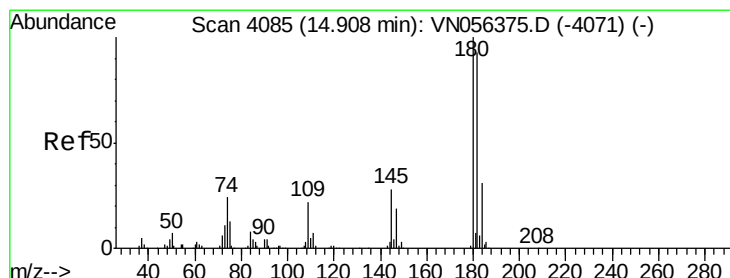
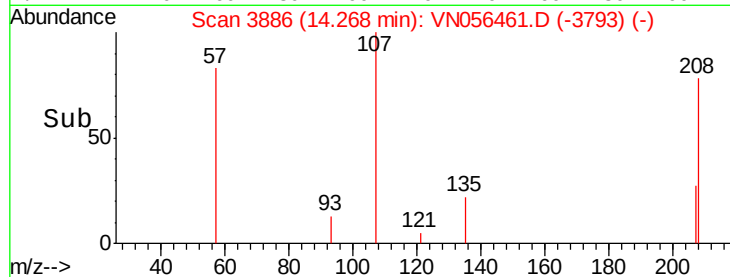
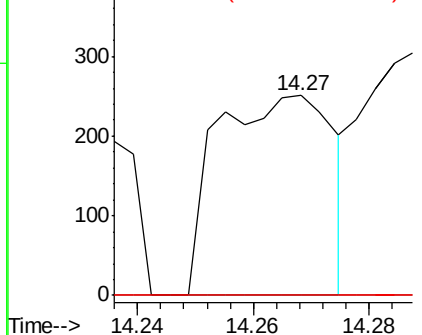
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.382 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056461.D
 Acq: 24 Jun 2019 17:20

Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

Tot Ion: 75 Resp: 349
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.9 146.8#
 157 0.0 62.9 188.8#

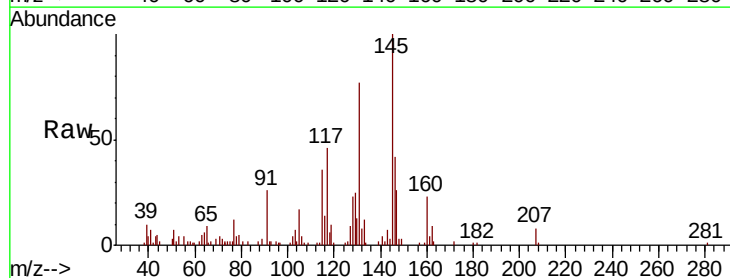


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

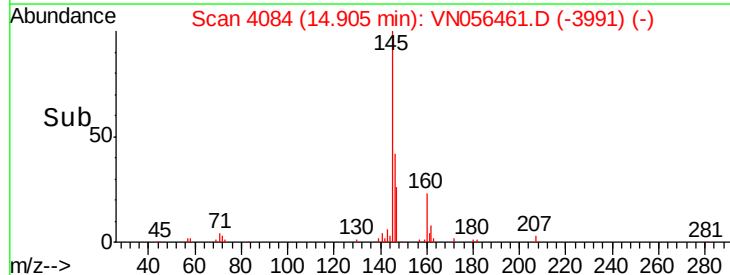
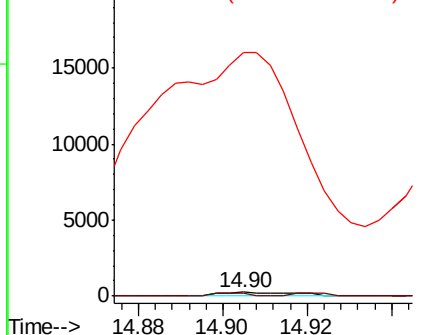


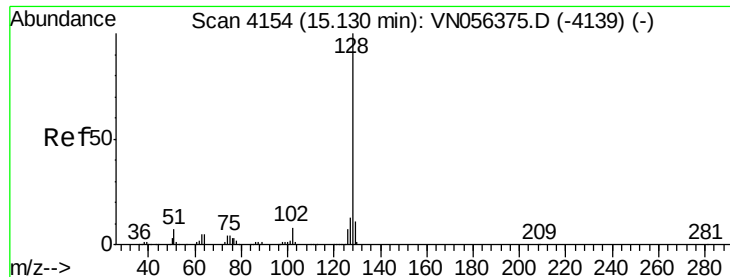
#93
 1,2,4-Trichlorobenzene
 Concen: 5.679 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN056461.D
 Acq: 24 Jun 2019 17:20

Tgt Ion:180 Resp: 314
 Ion Ratio Lower Upper
 180 100
 182 36.0 46.9 140.6#
 145 14589.8 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: 5.668 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056461.D

Acq: 24 Jun 2019 17:20

Instrument :

MSVOA_N

ClientSampled :

TP-3

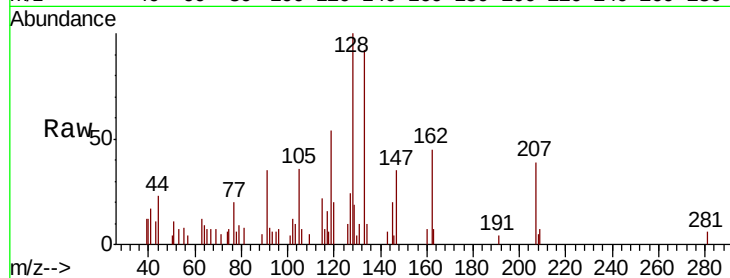
Tot Ion:128 Resp: 5354

Ion Ratio Lower Upper

128 100

127 35.3 10.2 15.2#

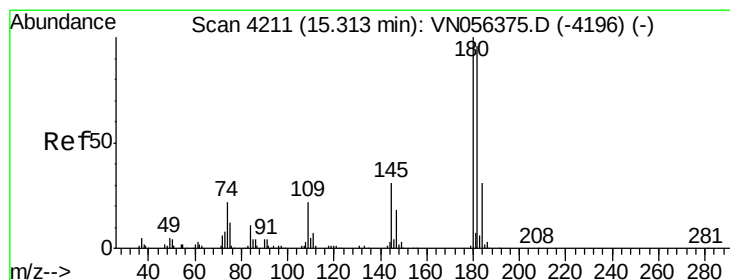
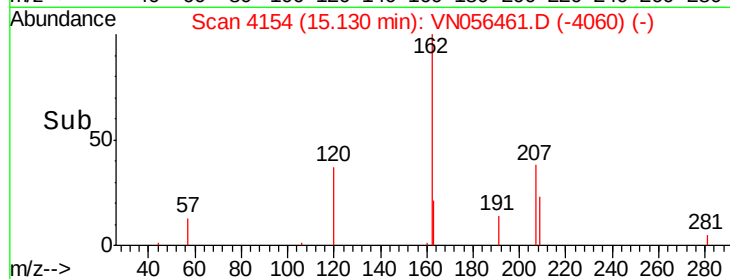
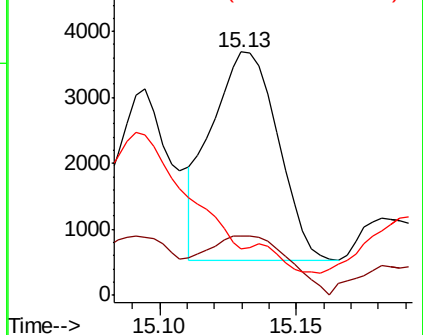
129 0.0 8.6 12.8#



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: 4.566 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. -0.01 min

Lab File: VN056461.D

Acq: 24 Jun 2019 17:20

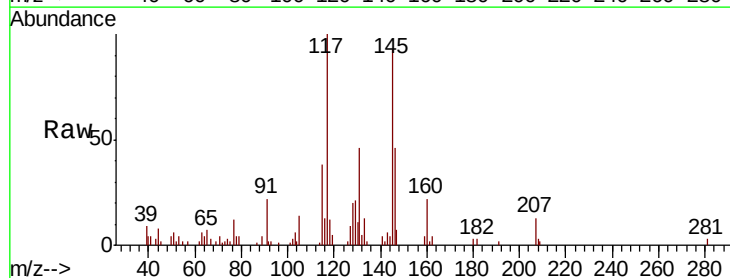
Tgt Ion:180 Resp: 419

Ion Ratio Lower Upper

180 100

182 102.9 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

