

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100119\
 Data File : VN058472.D
 Acq On : 1 Oct 2019 19:15
 Operator : JC/SP
 Sample : K5110-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Oct 02 01:31:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	400804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	657206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	556907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	208731	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	293762	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
35) Dibromofluoromethane	7.57	113	208210	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	
50) Toluene-d8	10.09	98	818870	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.41	95	257594	45.15	ug/l	0.00
Spiked Amount			Recovery	=	90.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	3334	0.690	ug/l	95
4) Vinyl Chloride	2.17	62	25464	5.380	ug/l	97
6) Chloroethane	2.69	64	2962	1.044	ug/l	89
11) Tert butyl alcohol	4.75	59	600	0.922	ug/l #	71
12) 1,1-Dichloroethene	3.72	96	184404	48.771	ug/l	99
16) Acetone	3.81	43	15750	7.888	ug/l	92
17) Carbon Disulfide	4.04	76	2765	0.277	ug/l #	74
24) 1,1-Dichloroethane	5.83	63	215034	25.804	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	30068	6.119	ug/l	92
31) Cyclohexane	7.65	56	11222	1.384	ug/l #	13
32) 1,1,1-Trichloroethane	7.56	97	3364	0.485	ug/l #	52
36) 1,1-Dichloropropene	7.65	75	35059	5.579	ug/l #	51
38) Carbon Tetrachloride	7.65	117	42104	7.423	ug/l #	16
39) Methylcyclohexane	9.07	83	3048	0.415	ug/l	96
40) Benzene	8.03	78	7785	0.431	ug/l	96
42) 1,2-Dichloroethane	8.11	62	21094	3.002	ug/l	98
43) Isopropyl Acetate	8.12	43	45495	4.541	ug/l #	71
44) Trichloroethene	8.82	130	4200	0.942	ug/l	85
48) Methyl methacrylate	9.19	41	1005	0.220	ug/l #	43
49) 1,4-Dioxane	9.19	88	82568	1353.547	ug/l #	95
60) Dibromochloromethane	10.63	129	13840	2.705	ug/l #	11
64) Tetrachloroethene	10.63	164	14874	4.204	ug/l	93
71) Bromoform	12.41	173	995	1.075	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	1413	0.310	ug/l #	81
76) 1,2,3-Trichloropropane	12.41	75	141068	37.002	ug/l #	100
78) n-propylbenzene	12.60	91	6032	0.347	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.41	75	141068	112.378	ug/l #	12
83) tert-Butylbenzene	13.00	119	3219	0.295	ug/l	86
85) sec-Butylbenzene	13.18	105	7970	0.556	ug/l #	54
86) p-Isopropyltoluene	13.45	119	5294	0.419	ug/l	90
89) n-Butylbenzene	13.63	91	5441	0.476	ug/l #	68
90) Hexachloroethane	13.95	117	784	0.413	ug/l #	11
95) Naphthalene	15.14	128	3427	0.307	ug/l #	89

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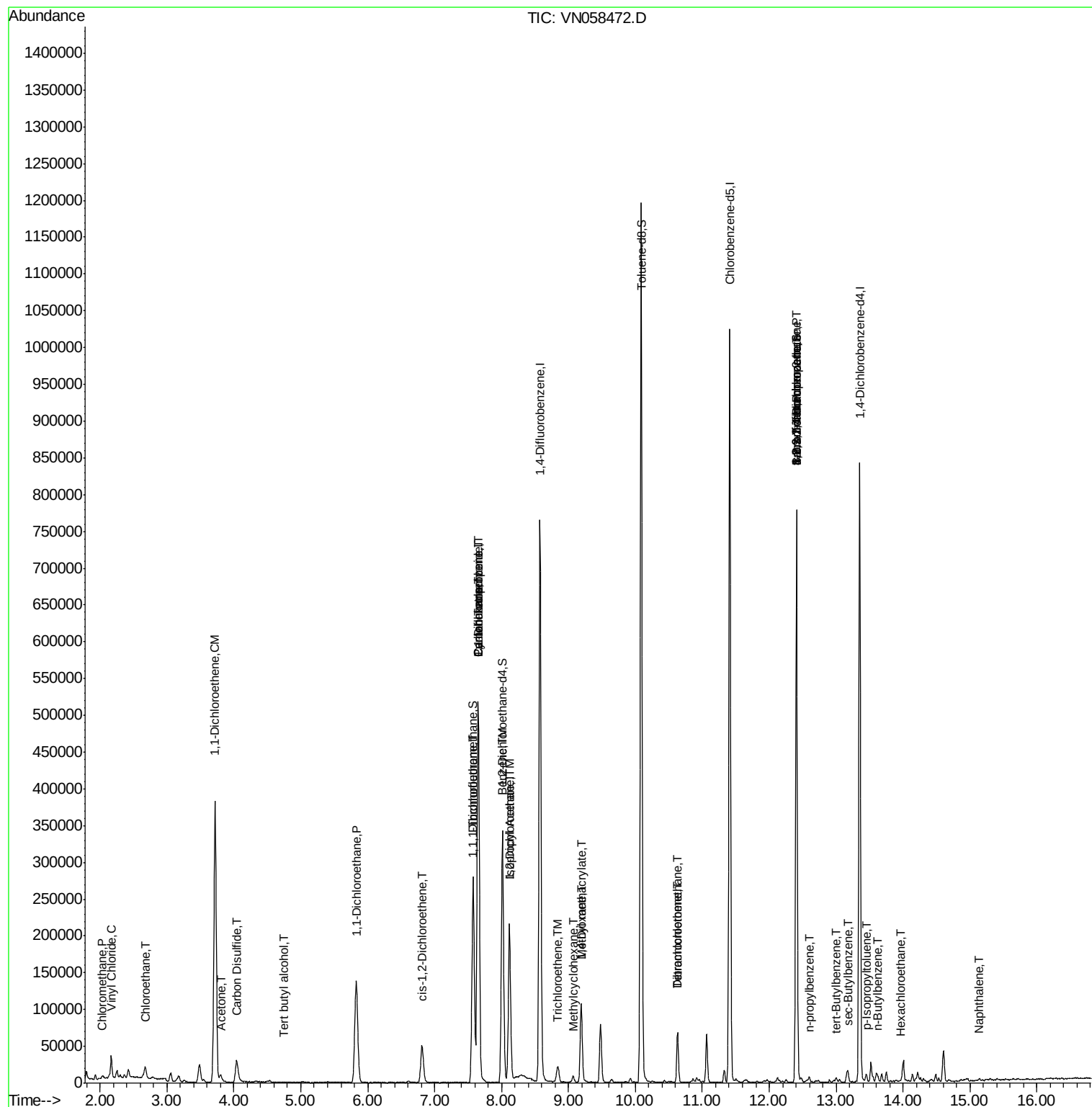
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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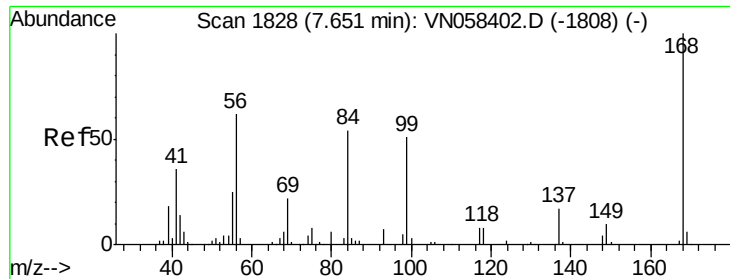
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058472.D

Acq: 1 Oct 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

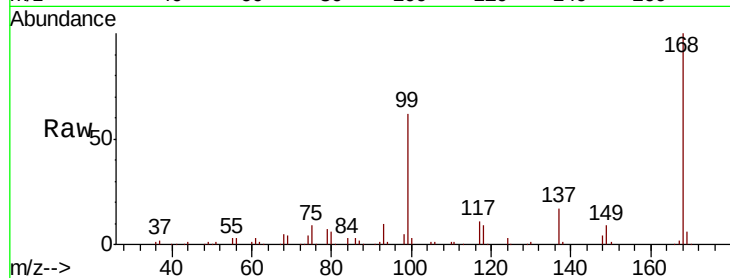
MW-2

Tot Ion:168 Resp: 400804

Ion Ratio Lower Upper

168 100

99 62.1 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

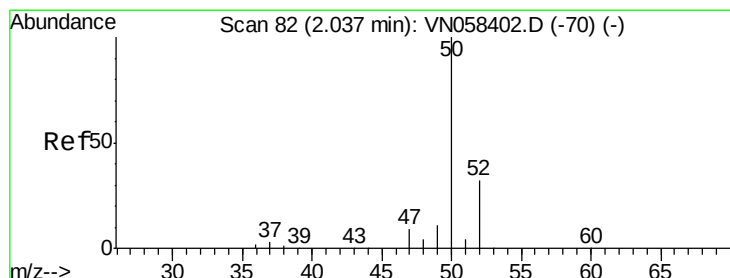
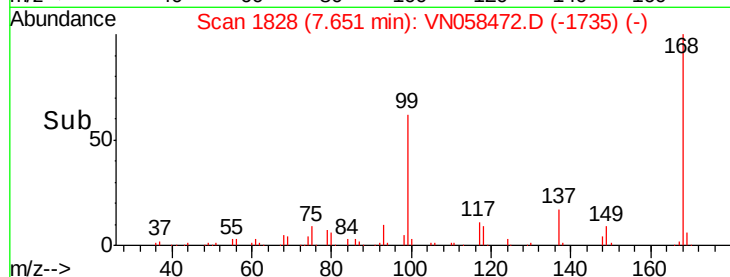
100000

50000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: 0.690 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN058472.D

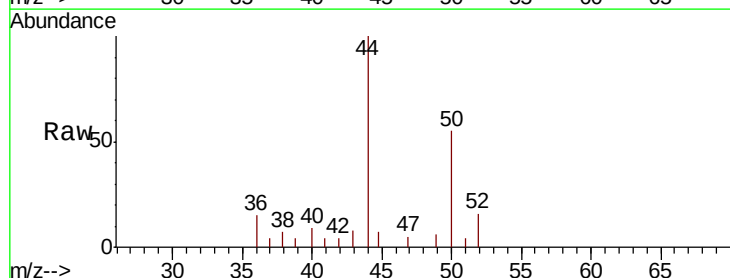
Acq: 1 Oct 2019 19:15

Tgt Ion: 50 Resp: 3334

Ion Ratio Lower Upper

50 100

52 29.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.03

2500

2000

1500

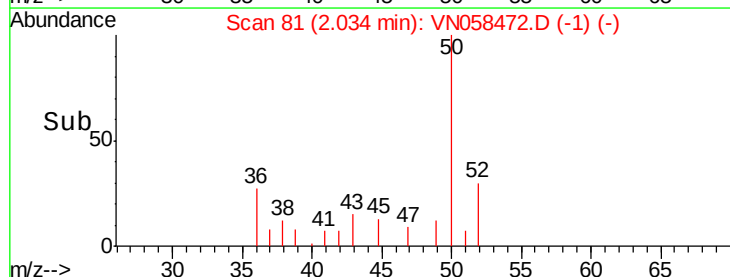
1000

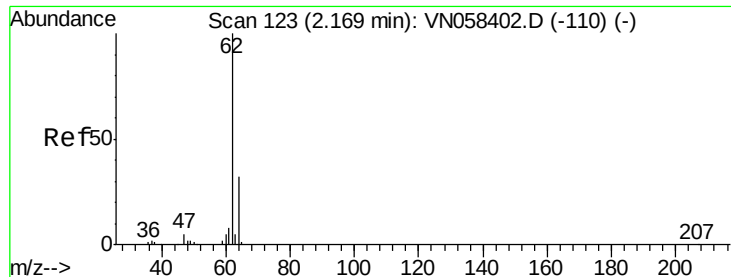
500

0

2.00 2.05

Time-->





#4

Vinyl Chloride

Concen: 5.380 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058472.D

Acq: 1 Oct 2019 19:15

Instrument :

MSVOA_N

ClientSampled :

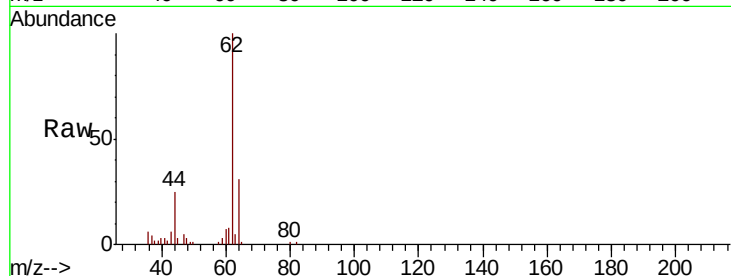
MW-2

Tot Ion: 62 Resp: 25464

Ion Ratio Lower Upper

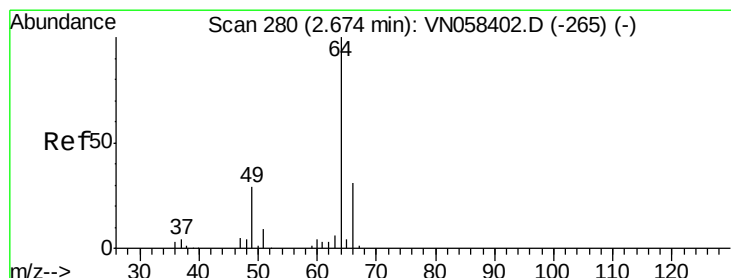
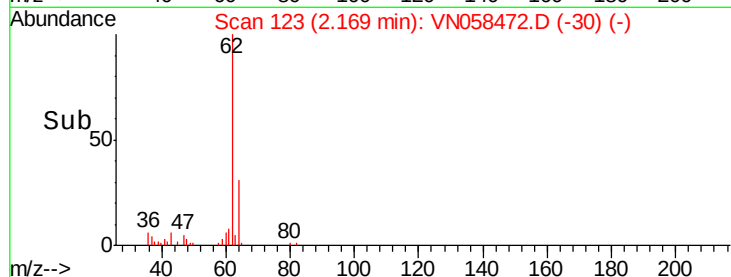
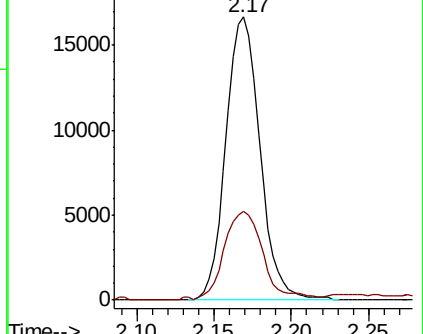
62 100

64 30.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



#6

Chloroethane

Concen: 1.044 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN058472.D

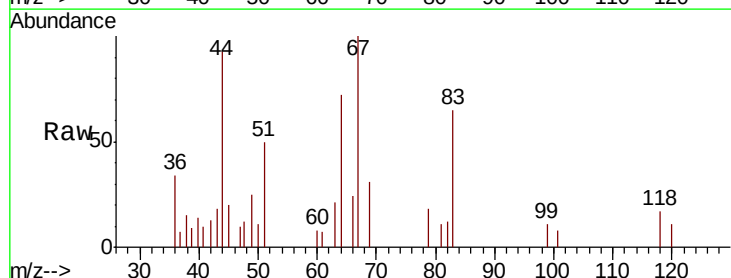
Acq: 1 Oct 2019 19:15

Tgt Ion: 64 Resp: 2962

Ion Ratio Lower Upper

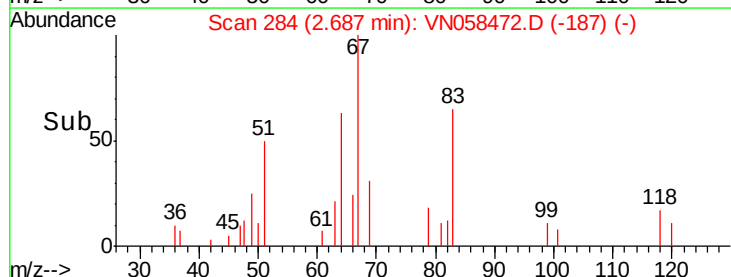
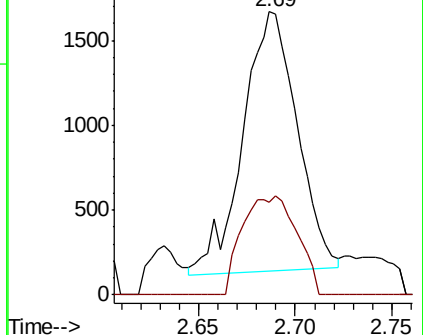
64 100

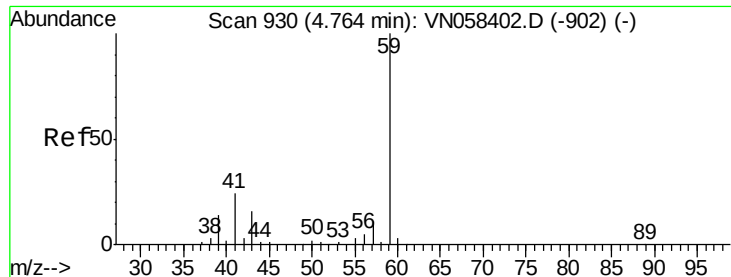
66 36.5 24.4 36.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

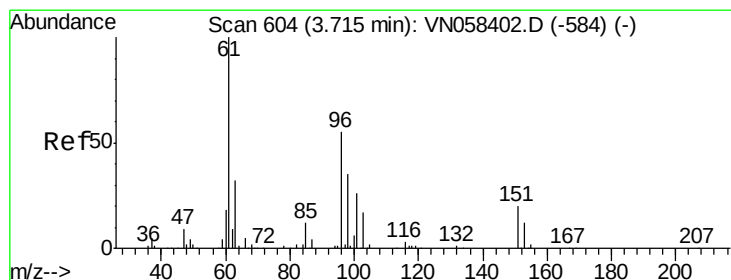
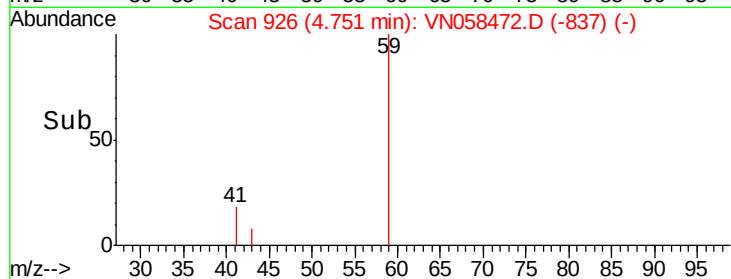
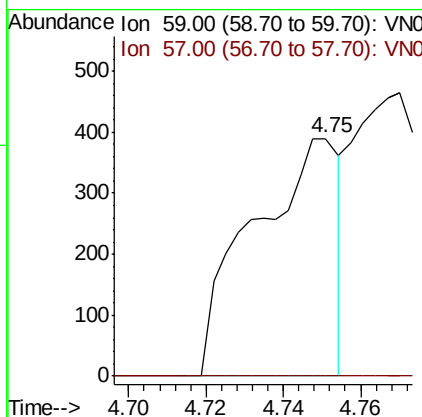
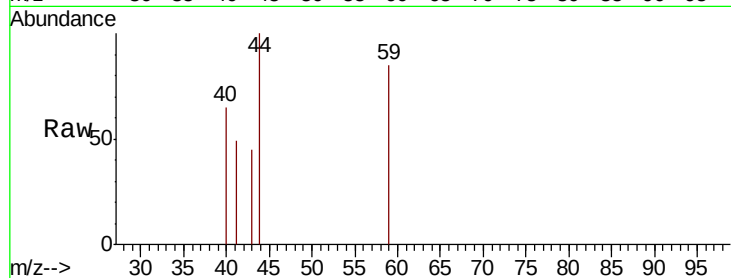




#11
Tert butyl alcohol
Concen: 0.922 ug/l
RT: 4.75 min Scan# 926
Delta R.T. -0.01 min
Lab File: VN058472.D
Acq: 1 Oct 2019 19:15

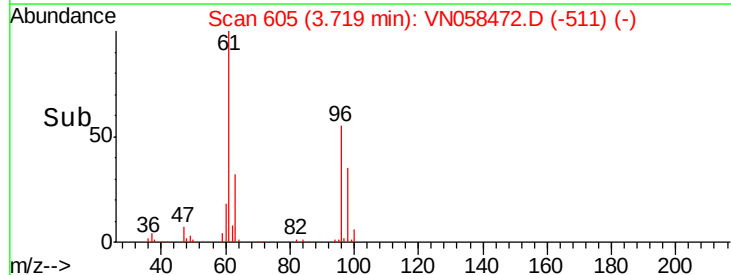
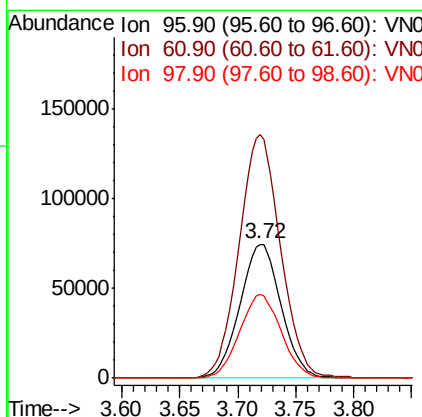
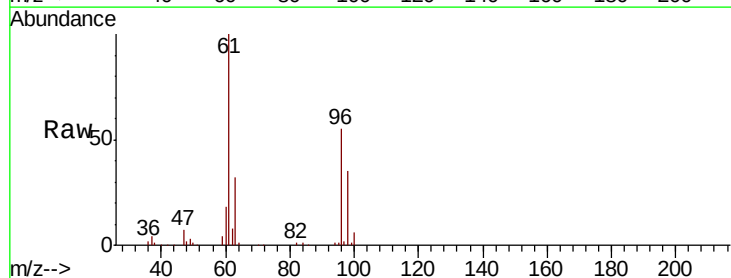
Instrument :
MSVOA_N
ClientSampled :
MW-2

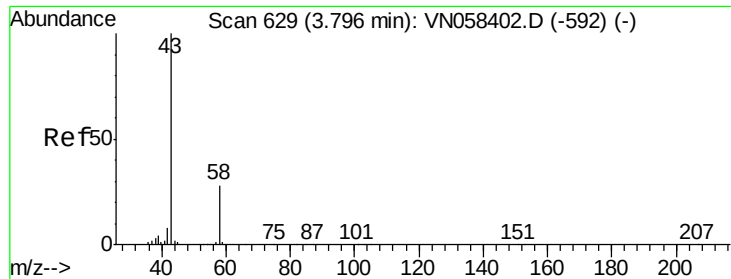
Tot Ion: 59 Resp: 600
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 48.771 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.00 min
Lab File: VN058472.D
Acq: 1 Oct 2019 19:15

Tgt Ion: 96 Resp: 184404
Ion Ratio Lower Upper
96 100
61 181.6 146.7 220.1
98 62.7 51.3 76.9

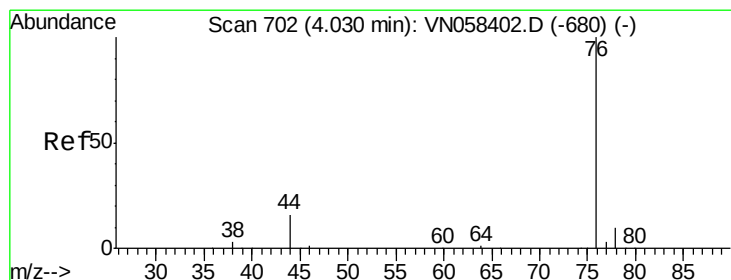
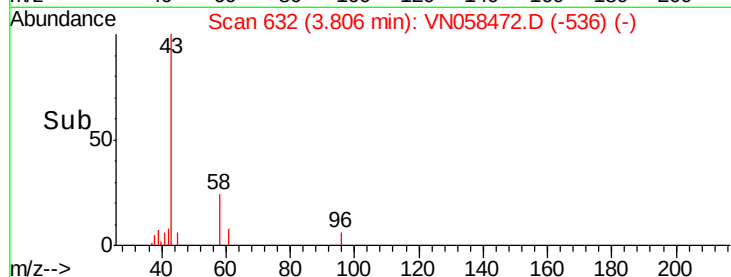
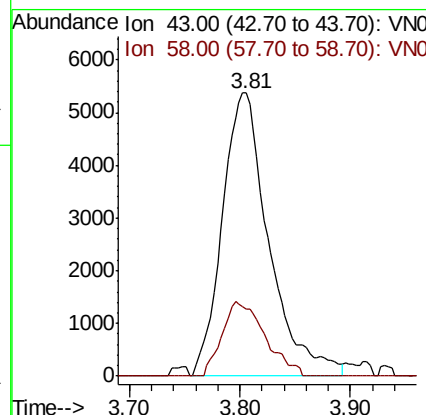
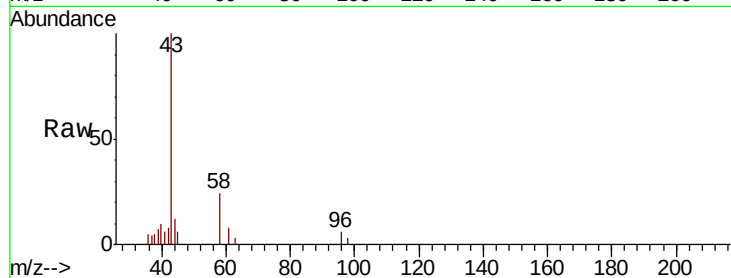




#16
Acetone
Concen: 7.888 ug/l
RT: 3.81 min Scan# 632
Delta R.T. 0.01 min
Lab File: VN058472.D
Acq: 1 Oct 2019 19:15

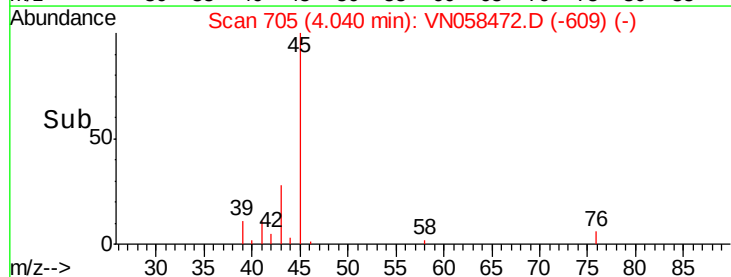
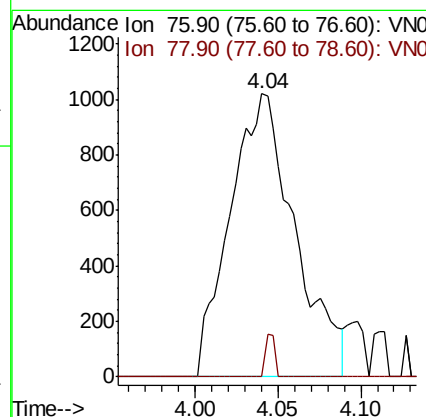
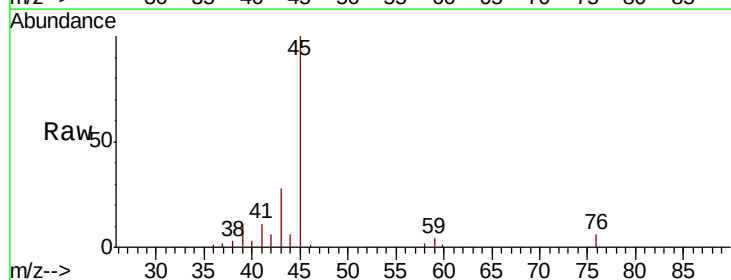
Instrument :
MSVOA_N
ClientSampled :
MW-2

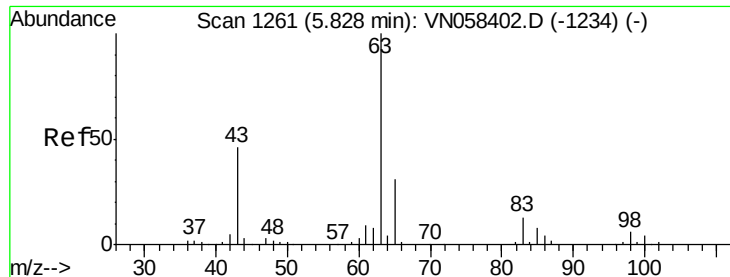
Tot Ion: 43 Resp: 15750
Ion Ratio Lower Upper
43 100
58 23.7 22.4 33.6



#17
Carbon Disulfide
Concen: 0.277 ug/l
RT: 4.04 min Scan# 705
Delta R.T. 0.01 min
Lab File: VN058472.D
Acq: 1 Oct 2019 19:15

Tgt Ion: 76 Resp: 2765
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#

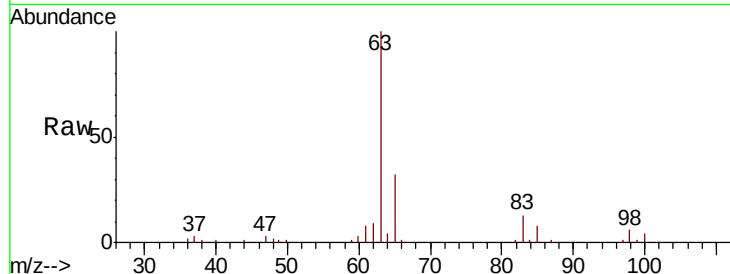




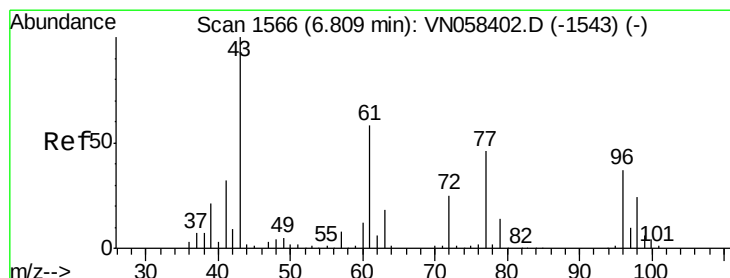
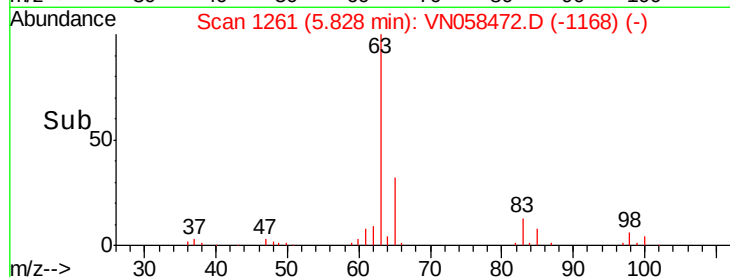
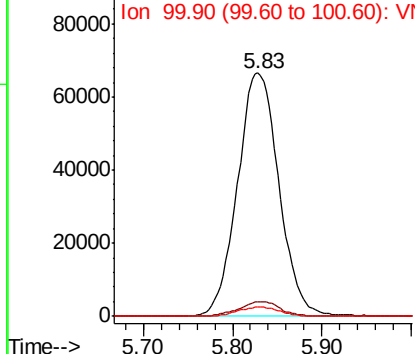
#24
 1,1-Dichloroethane
 Concen: 25.804 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VN058472.D
 Acq: 1 Oct 2019 19:15

Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

Tot Ion: 63 Resp: 215034
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.0
 100 3.7 2.0 5.8

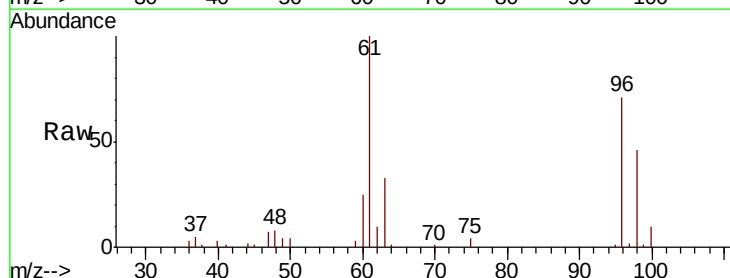


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0
 Ion 99.90 (99.60 to 100.60): VN0

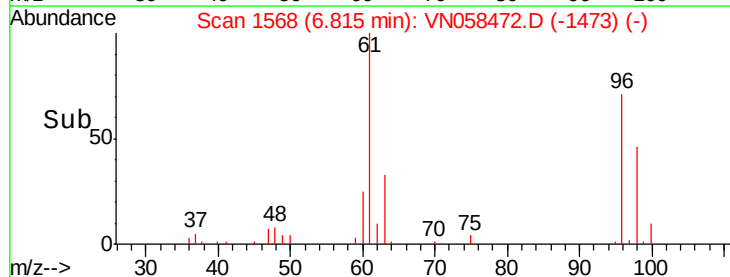
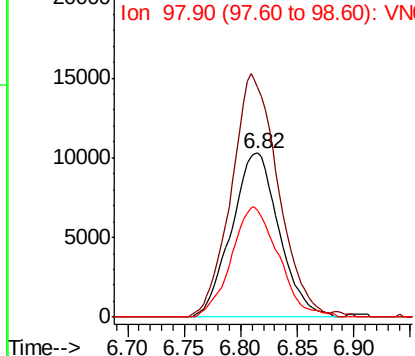


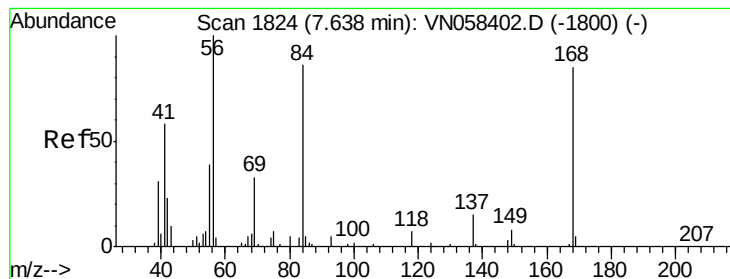
#27
 cis-1,2-Dichloroethene
 Concen: 6.119 ug/l
 RT: 6.82 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: VN058472.D
 Acq: 1 Oct 2019 19:15

Tgt Ion: 96 Resp: 30068
 Ion Ratio Lower Upper
 96 100
 61 146.2 0.0 318.8
 98 66.4 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0





#31

Cyclohexane

Concen: 1.384 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VN058472.D

Acq: 1 Oct 2019 19:15

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ClientSampleId :

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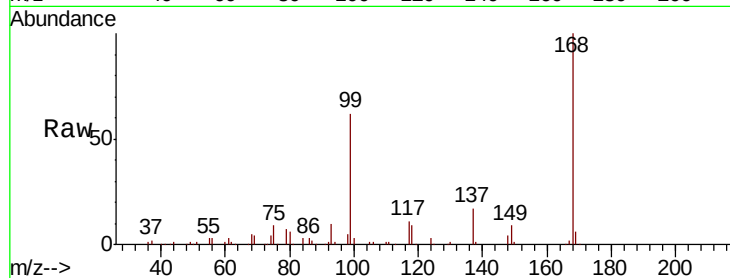
Tot Ion: 56 Resp: 11222

Ion Ratio Lower Upper

56 100

69 163.2 26.2 39.4#

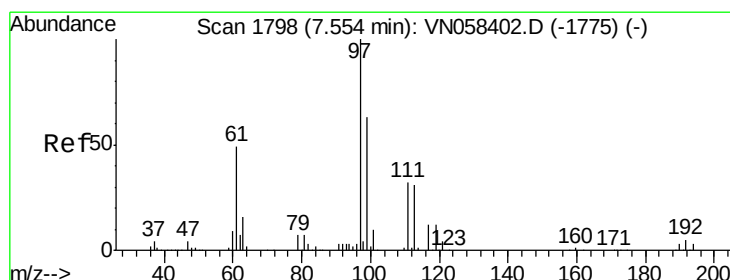
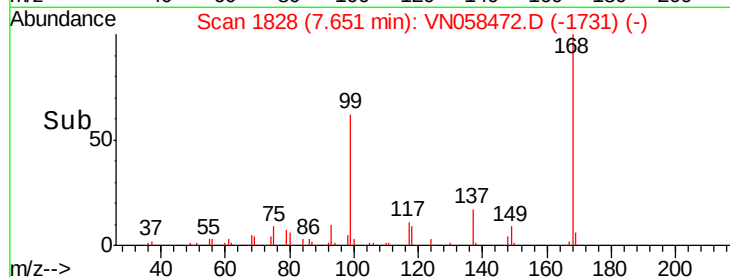
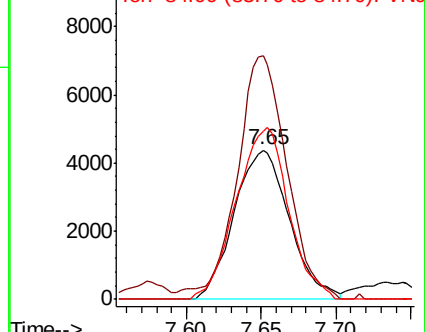
84 112.6 67.6 101.4#



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



#32

1,1,1-Trichloroethane

Concen: 0.485 ug/l

RT: 7.56 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN058472.D

Acq: 1 Oct 2019 19:15

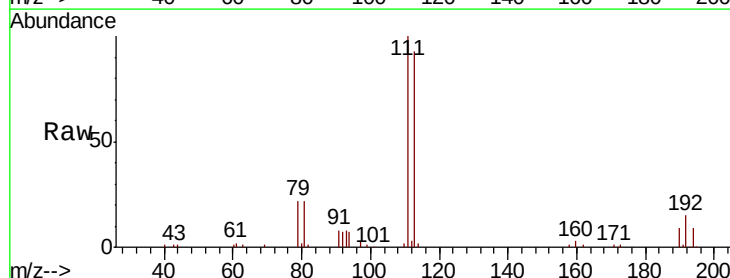
Tgt Ion: 97 Resp: 3364

Ion Ratio Lower Upper

97 100

99 0.0 51.1 76.7#

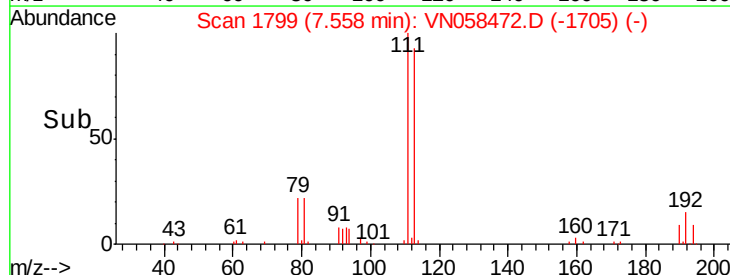
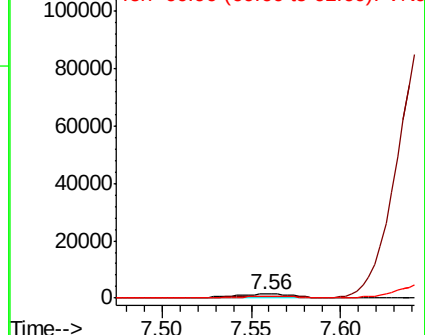
61 46.2 39.2 58.8

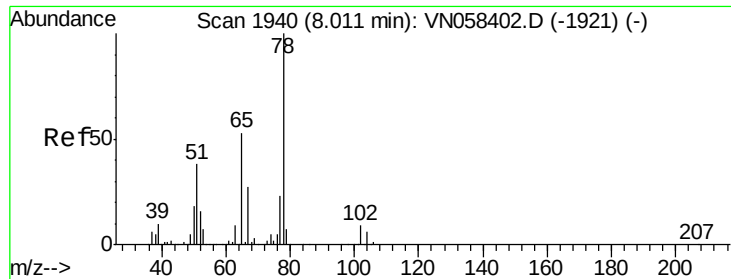


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

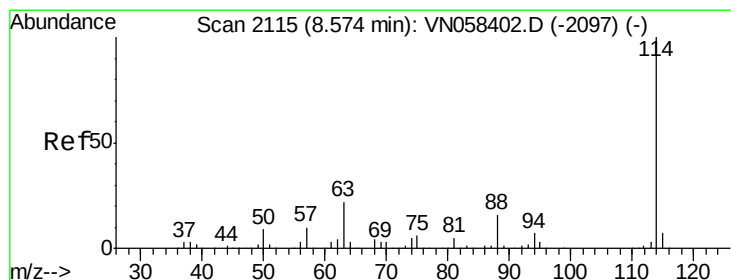
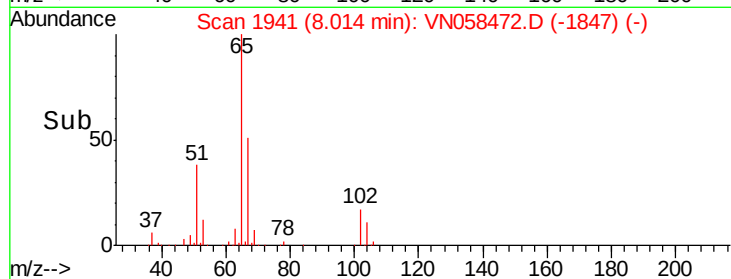
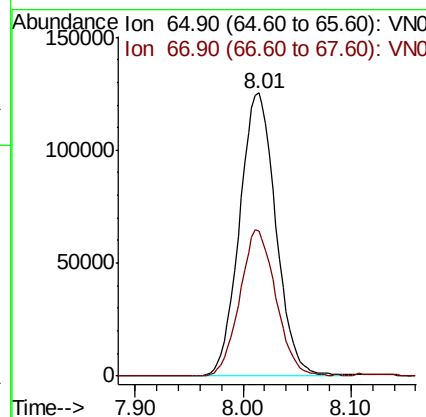
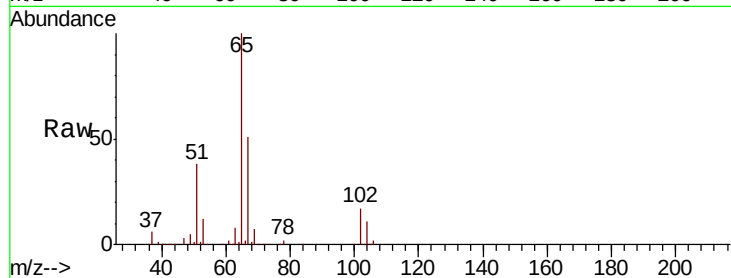




#33
 1,2-Dichloroethane-d4
 Concen: 50.155 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058472.D
 Acq: 1 Oct 2019 19:15

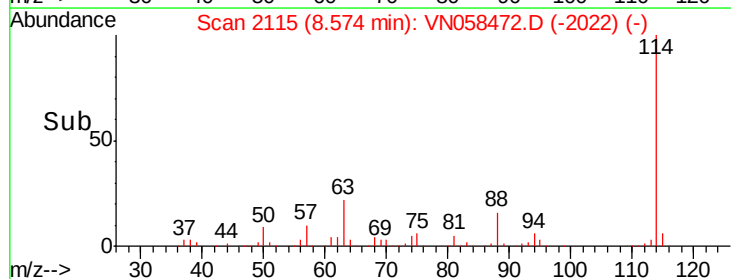
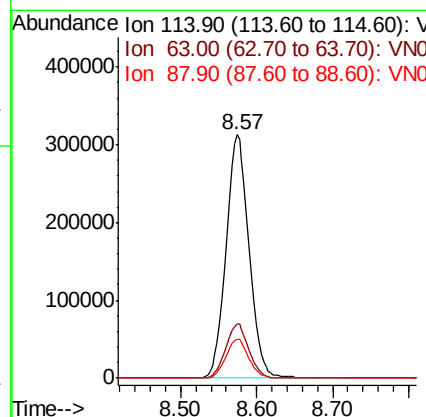
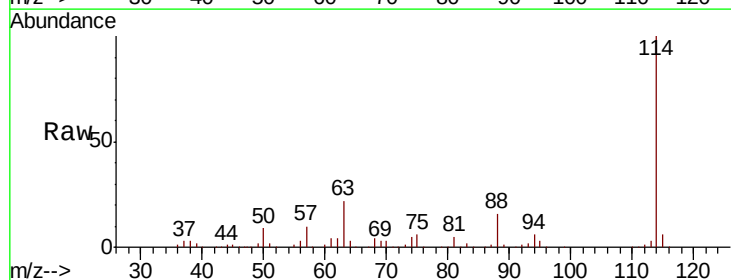
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

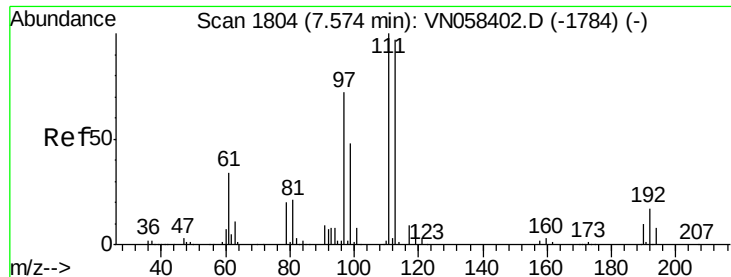
Tot Ion: 65 Resp: 293762
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058472.D
 Acq: 1 Oct 2019 19:15

Tgt Ion: 114 Resp: 657206
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.0
 88 15.9 0.0 32.2

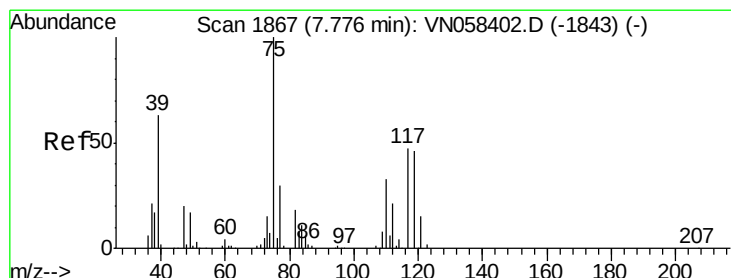
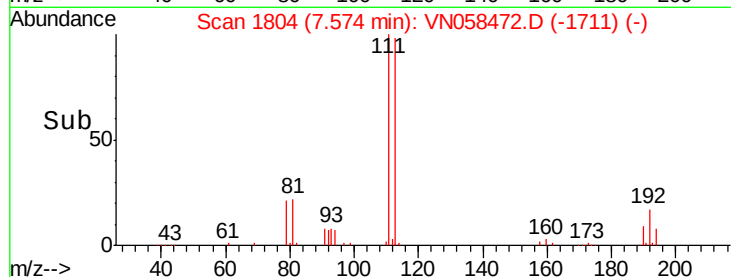
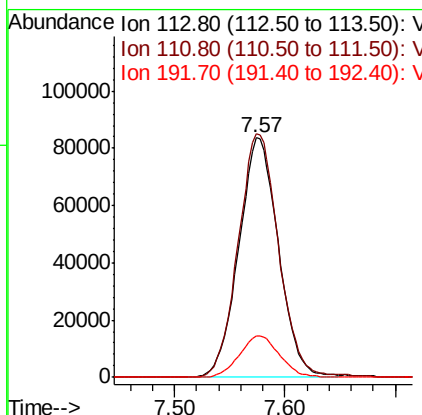
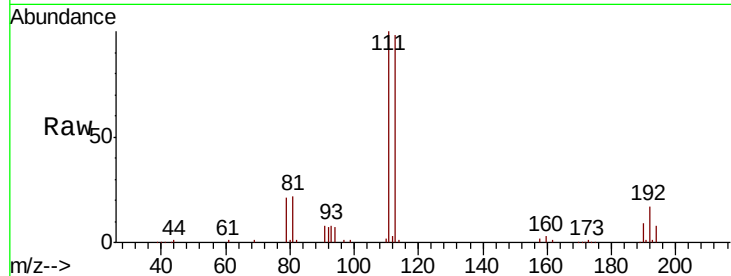




#35
 Dibromofluoromethane
 Concen: 51.691 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058472.D
 Acq: 1 Oct 2019 19:15

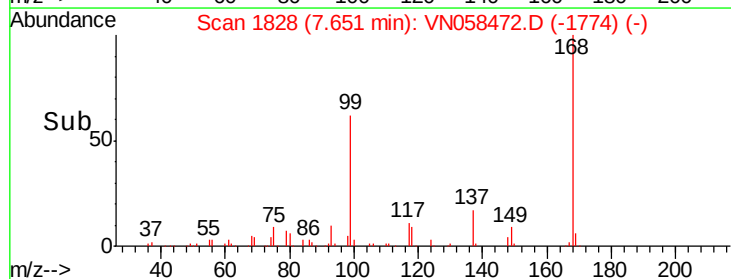
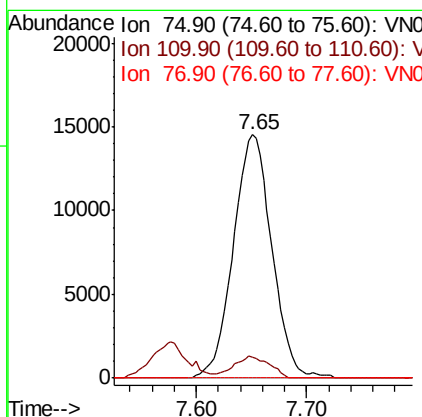
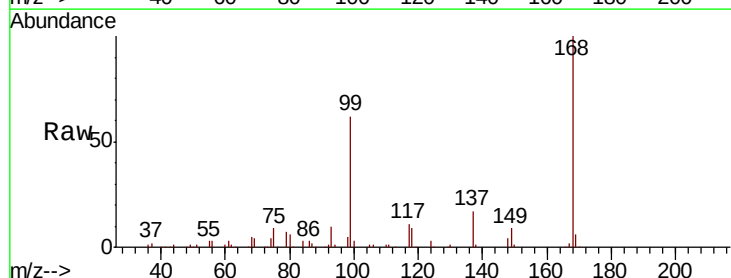
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

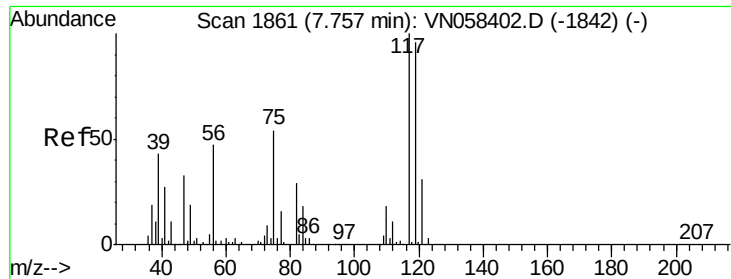
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.4	125.2
192	17.5	14.9	22.3



#36
 1,1-Dichloropropene
 Concen: 5.579 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058472.D
 Acq: 1 Oct 2019 19:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.4	49.2#
77	0.0	24.3	36.5#





#38

Carbon Tetrachloride

Concen: 7.423 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.11 min

Lab File: VN058472.D

Acq: 1 Oct 2019 19:15

Instrument :

MSVOA_N

ClientSampled :

MW-2

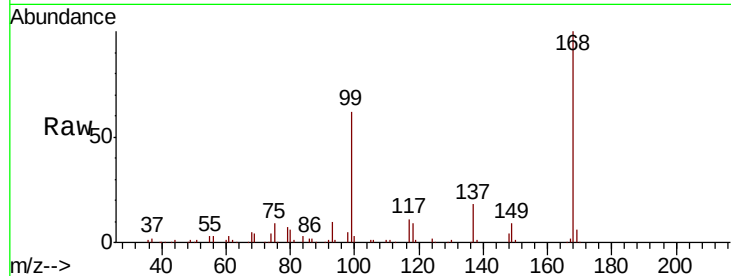
Tot Ion:117 Resp: 42104

Ion Ratio Lower Upper

117 100

119 4.9 76.6 115.0#

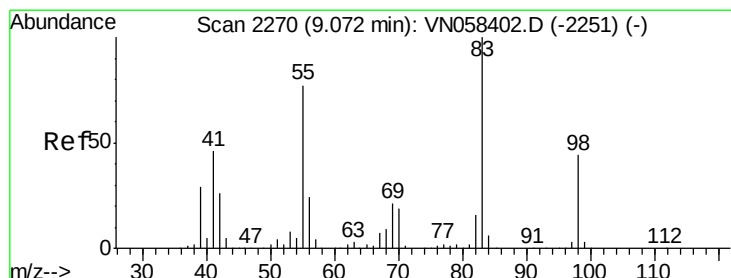
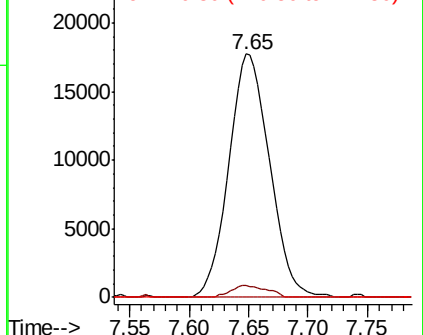
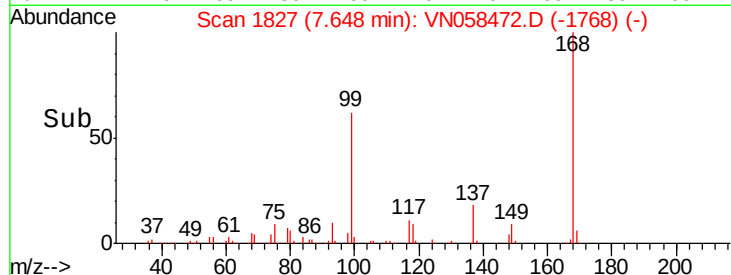
121 0.0 24.7 37.1#



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: 0.415 ug/l

RT: 9.07 min Scan# 2268

Delta R.T. -0.01 min

Lab File: VN058472.D

Acq: 1 Oct 2019 19:15

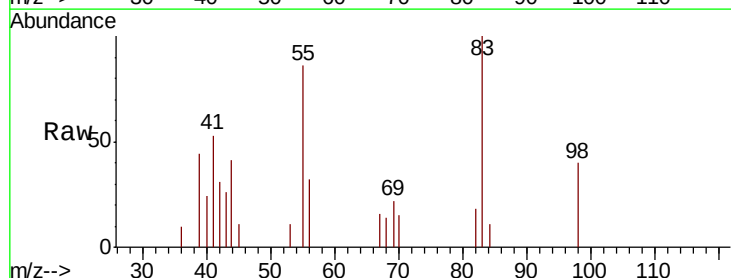
Tgt Ion: 83 Resp: 3048

Ion Ratio Lower Upper

83 100

55 75.6 61.8 92.6

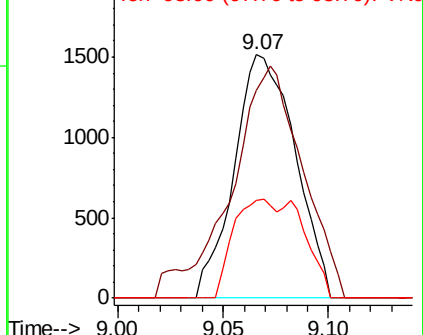
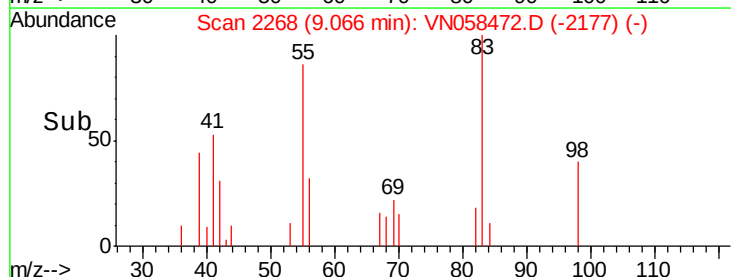
98 39.9 35.4 53.0

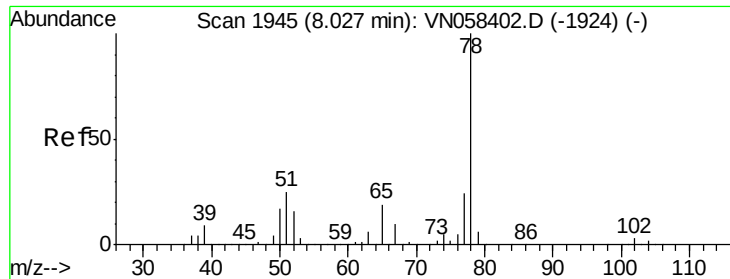


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

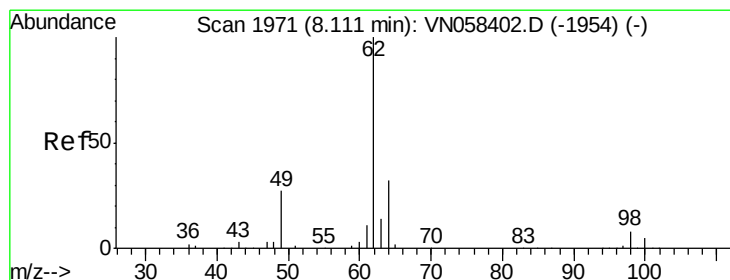
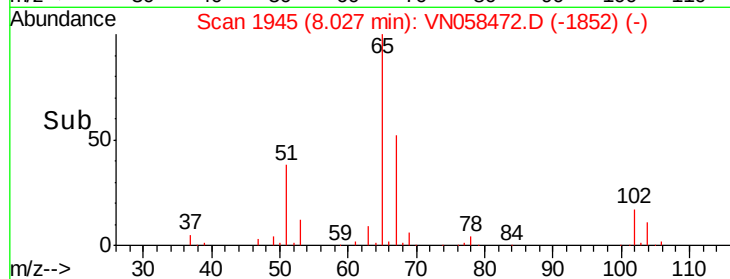
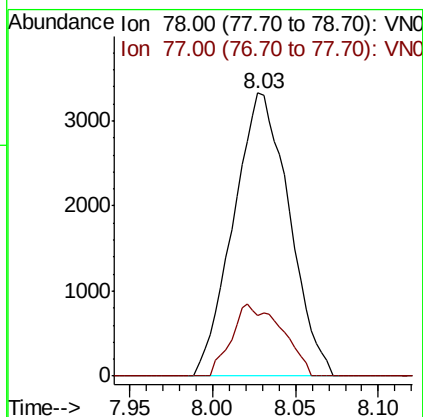
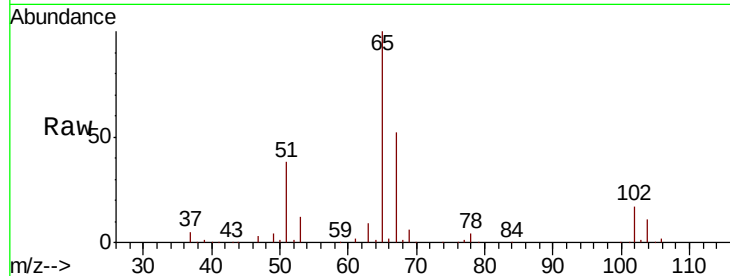




#40
Benzene
Concen: 0.431 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN058472.D
Acq: 1 Oct 2019 19:15

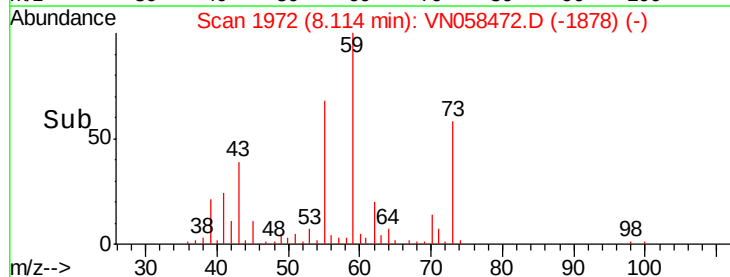
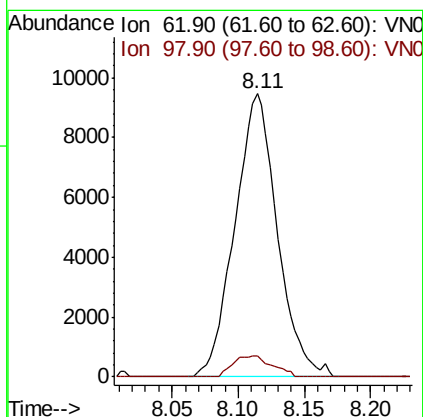
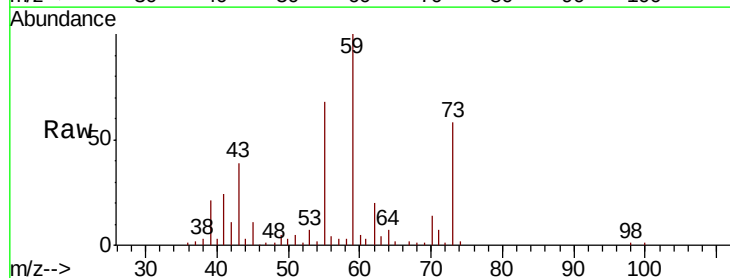
Instrument :
MSVOA_N
ClientSampleId :
MW-2

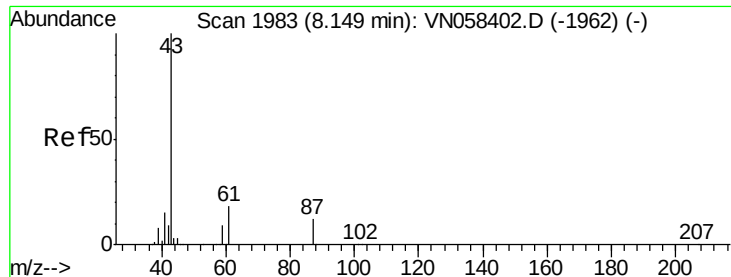
Tot Ion: 78 Resp: 7785
Ion Ratio Lower Upper
78 100
77 21.5 18.9 28.3



#42
1,2-Dichloroethane
Concen: 3.002 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN058472.D
Acq: 1 Oct 2019 19:15

Tgt Ion: 62 Resp: 21094
Ion Ratio Lower Upper
62 100
98 7.0 0.0 15.6





#43

Isopropyl Acetate

Concen: 4.541 ug/l

RT: 8.12 min Scan# 1973

Delta R.T. -0.03 min

Lab File: VN058472.D

Acq: 1 Oct 2019 19:15

Instrument :

MSVOA_N

ClientSampled :

MW-2

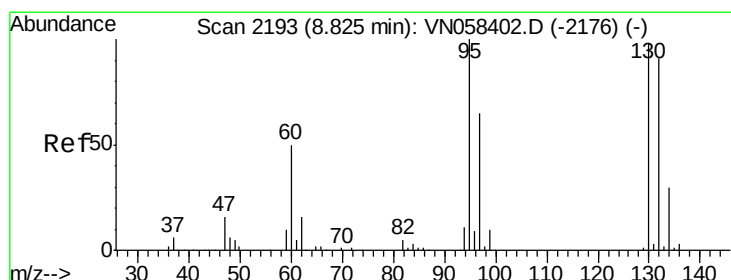
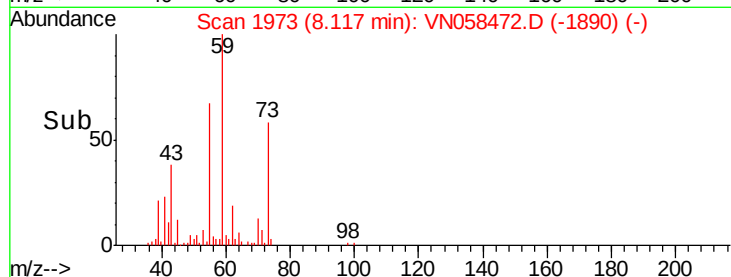
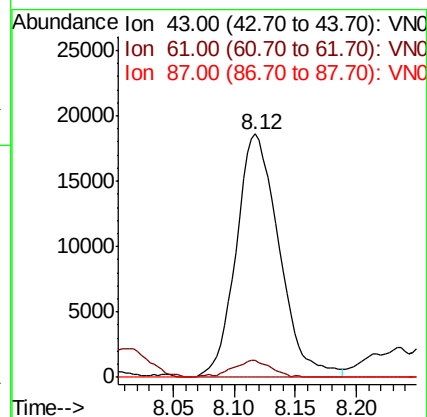
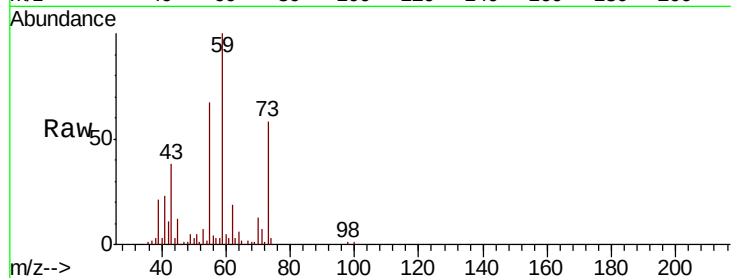
Tot Ion: 43 Resp: 45495

Ion Ratio Lower Upper

43 100

61 6.2 14.8 22.2#

87 0.0 9.7 14.5#



#44

Trichloroethene

Concen: 0.942 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN058472.D

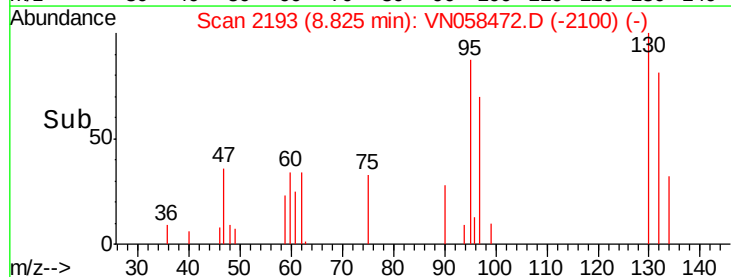
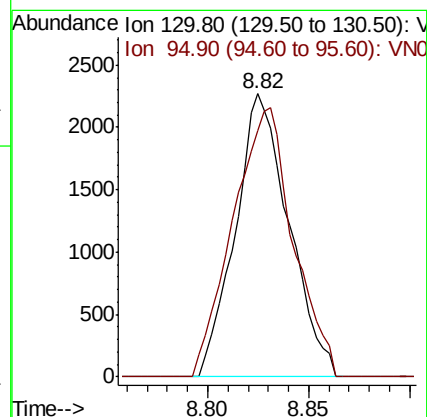
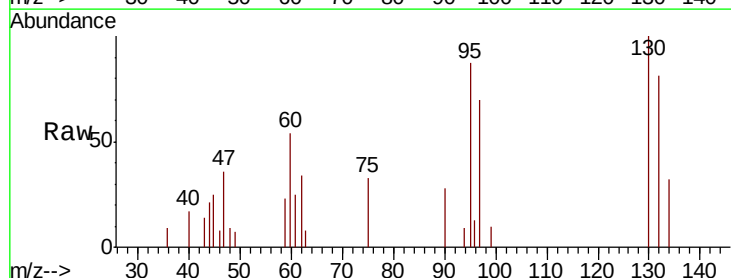
Acq: 1 Oct 2019 19:15

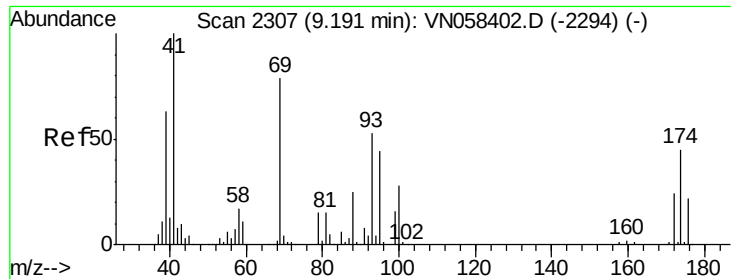
Tgt Ion:130 Resp: 4200

Ion Ratio Lower Upper

130 100

95 87.2 0.0 204.2

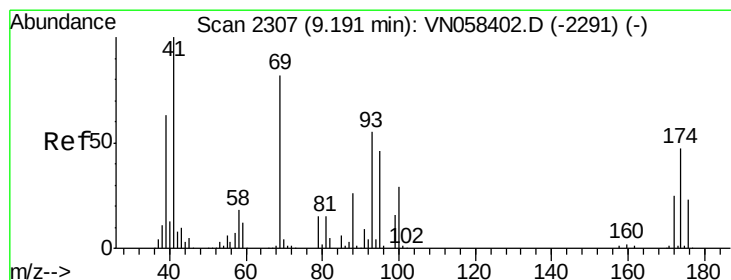
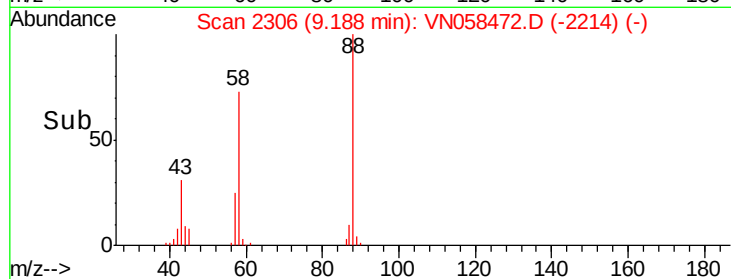
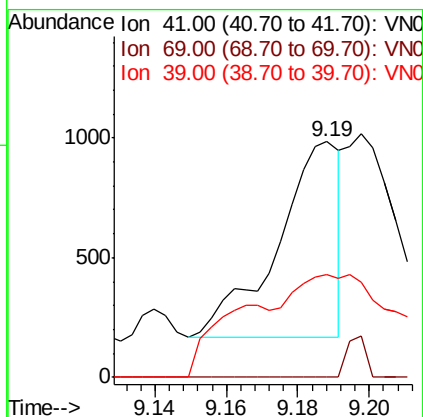
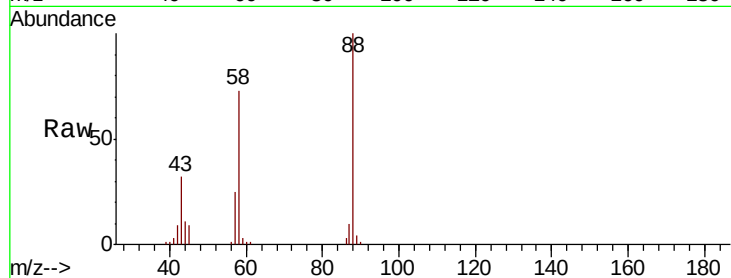




#48
Methvl methacrylate
Concen: 0.220 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN058472.D
Acq: 1 Oct 2019 19:15

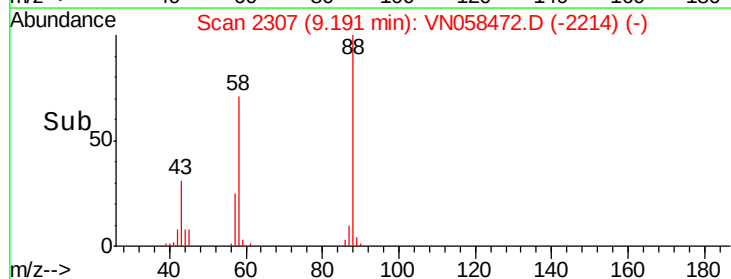
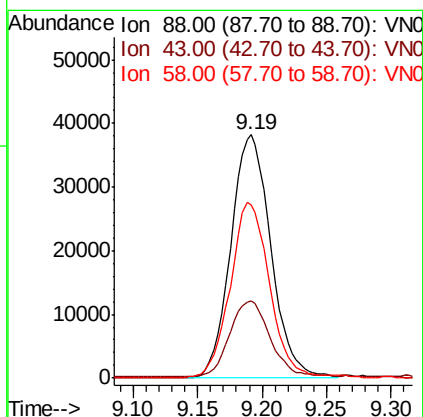
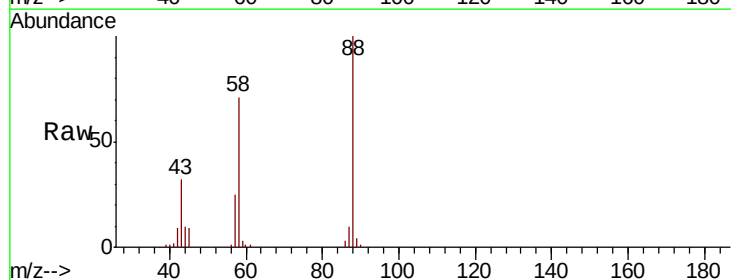
Instrument :
MSVOA_N
ClientSampled :
MW-2

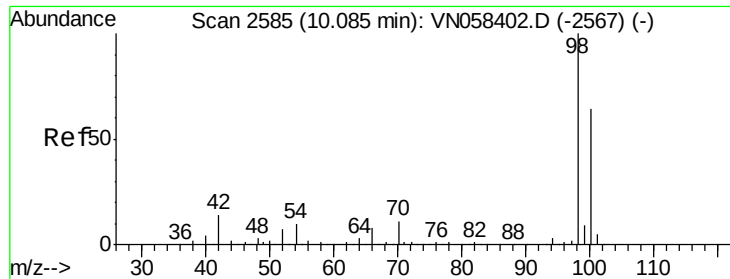
Tot Ion: 41 Resp: 1005
Ion Ratio Lower Upper
41 100
69 6.2 64.7 97.1#
39 84.2 52.9 79.3#



#49
1,4-Dioxane
Concen: 1353.547 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN058472.D
Acq: 1 Oct 2019 19:15

Tgt Ion: 88 Resp: 82568
Ion Ratio Lower Upper
88 100
43 31.0 31.1 46.7#
58 71.4 58.1 87.1





#50

Toluene-d8

Concen: 51.896 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058472.D

Acq: 1 Oct 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

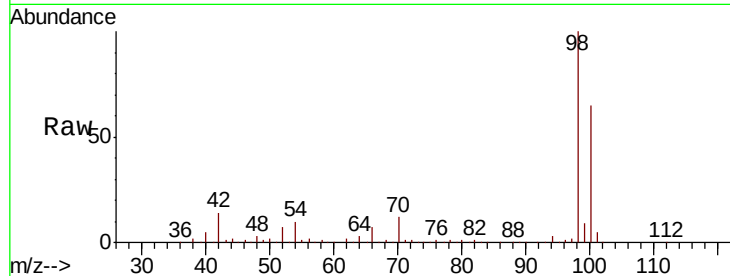
MW-2

Tot Ion: 98 Resp: 818870

Ion Ratio Lower Upper

98 100

100 63.8 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

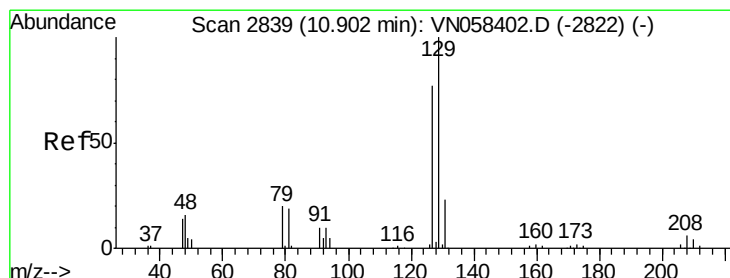
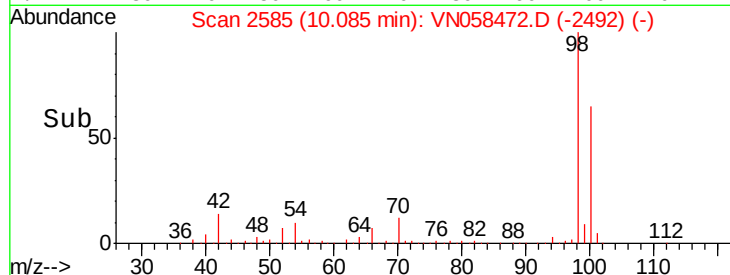
300000

200000

100000

0

Time-->



#60

Dibromochloromethane

Concen: 2.705 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.27 min

Lab File: VN058472.D

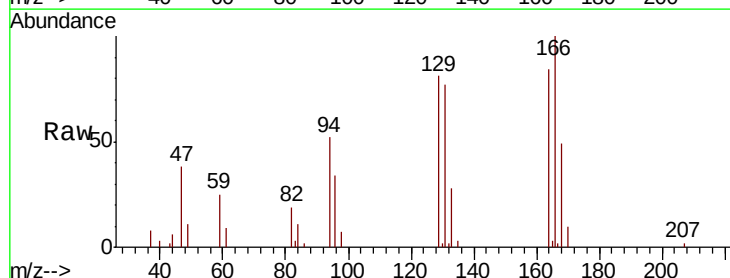
Acq: 1 Oct 2019 19:15

Tgt Ion:129 Resp: 13840

Ion Ratio Lower Upper

129 100

127 0.0 38.3 114.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.63

8000

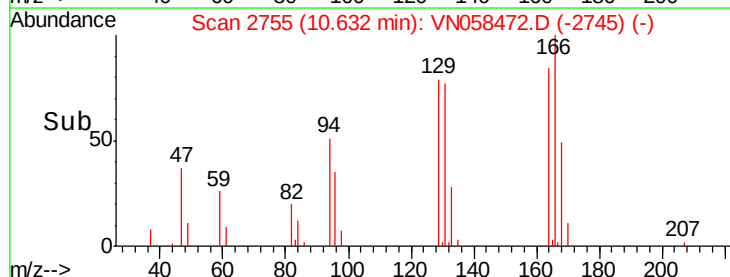
6000

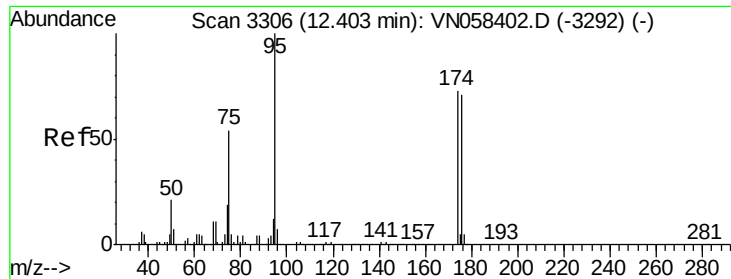
4000

2000

0

Time-->

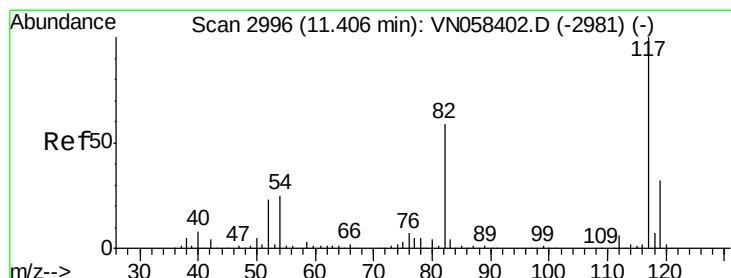
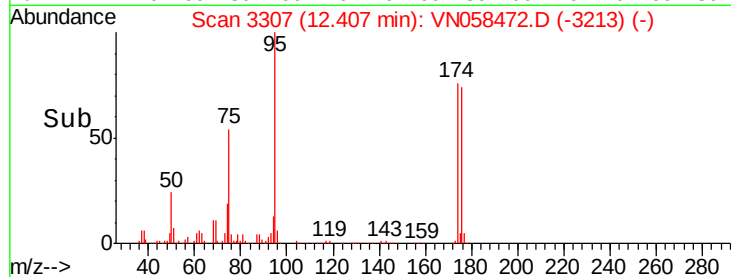
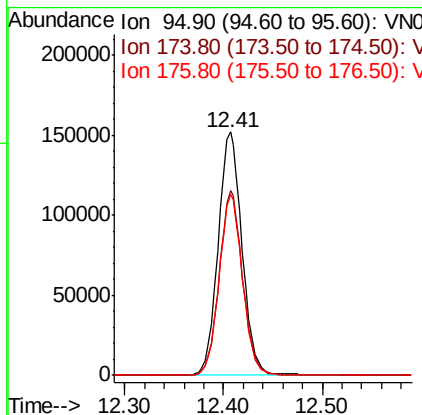
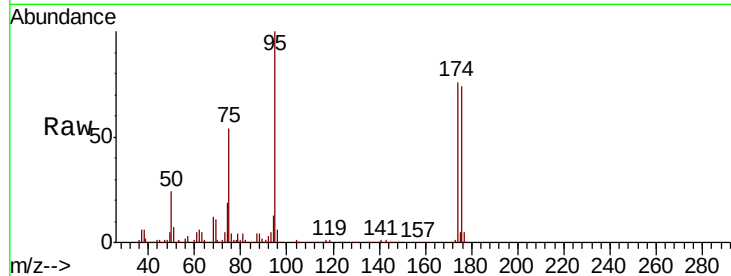




#62
4-Bromofluorobenzene
Concen: 45.149 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058472.D
Acq: 1 Oct 2019 19:15

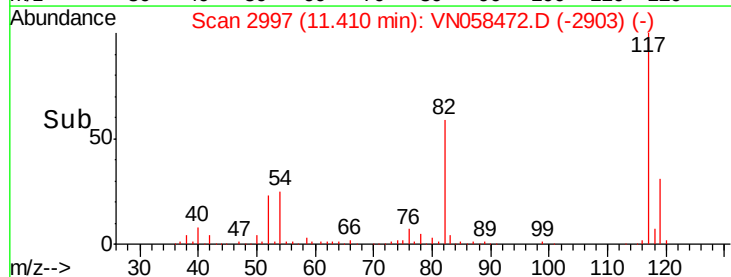
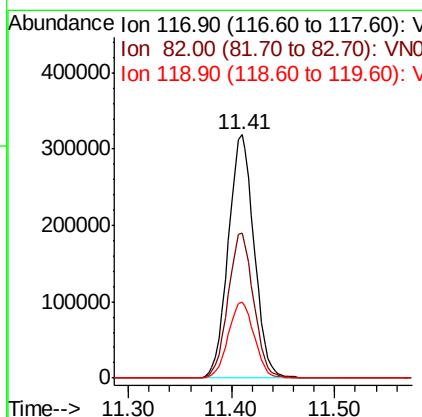
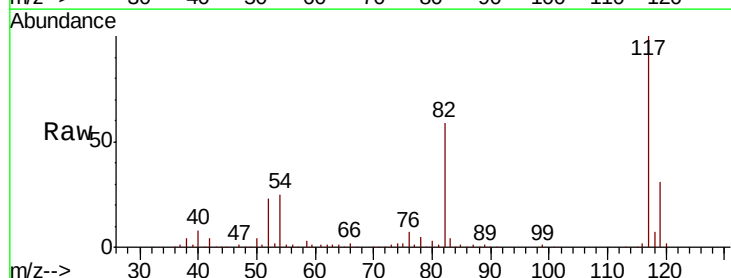
Instrument :
MSVOA_N
ClientSampleId :
MW-2

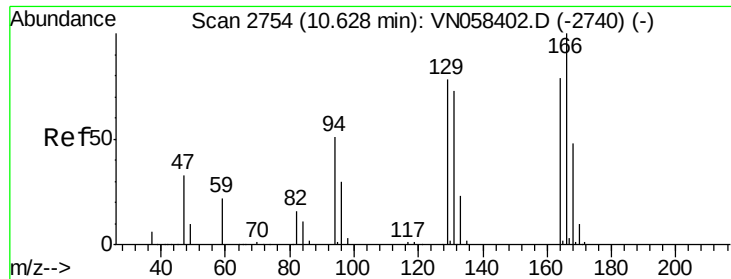
Tot Ion: 95 Resp: 257594
Ion Ratio Lower Upper
95 100
174 74.3 0.0 150.6
176 72.5 0.0 146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058472.D
Acq: 1 Oct 2019 19:15

Tgt Ion: 117 Resp: 556907
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.0
119 31.4 25.5 38.3





#64

Tetrachloroethene

Concen: 4.204 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN058472.D

Acq: 1 Oct 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

MW-2

Tot Ion:164 Resp: 14874

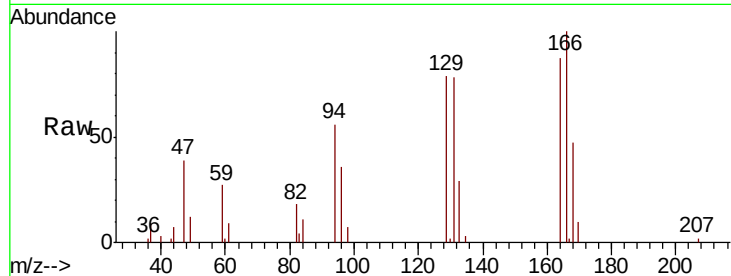
Ion Ratio Lower Upper

164 100

166 115.2 101.1 151.7

129 90.6 79.2 118.8

131 90.1 74.1 111.1



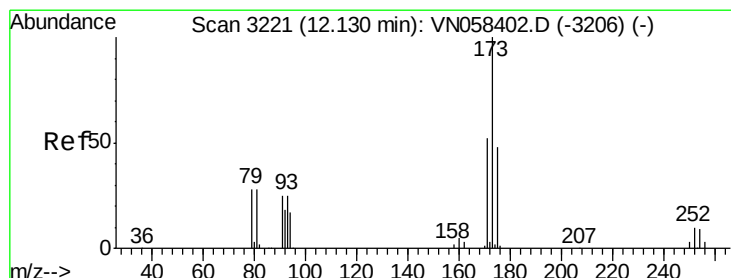
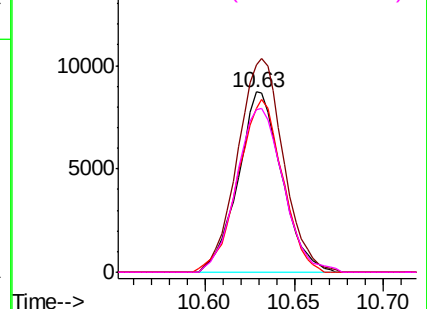
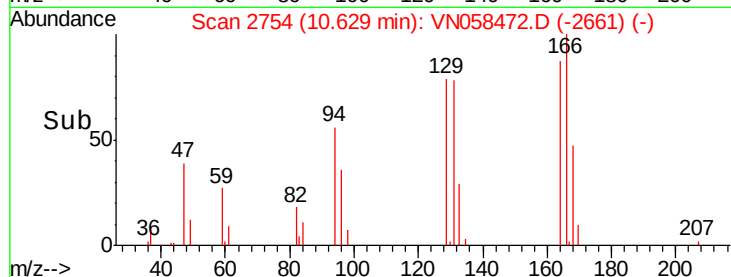
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#71

Bromoform

Concen: 1.075 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN058472.D

Acq: 1 Oct 2019 19:15

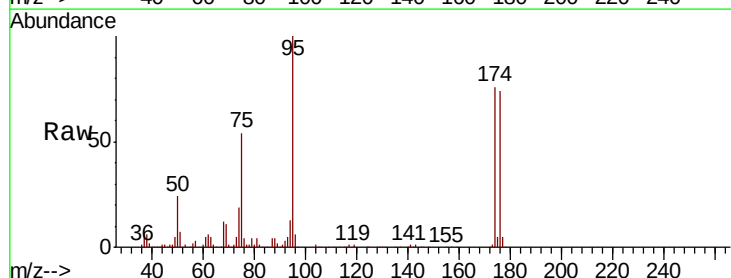
Tgt Ion:173 Resp: 995

Ion Ratio Lower Upper

173 100

175 1131.4 24.3 73.0#

254 0.0 0.1 0.1#

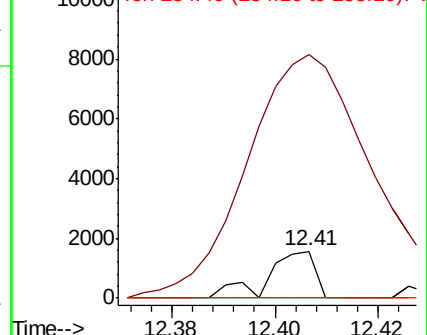
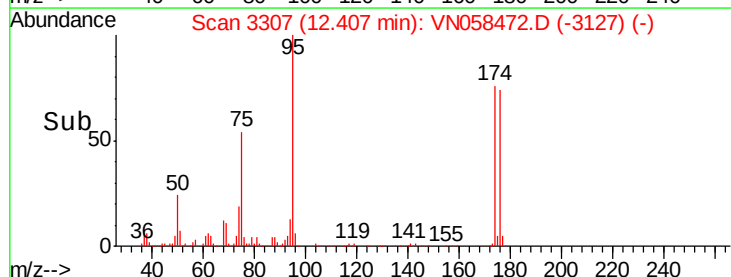


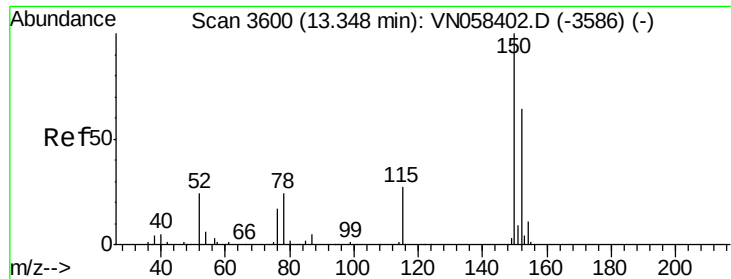
Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058472.D

Acq: 1 Oct 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

MW-2

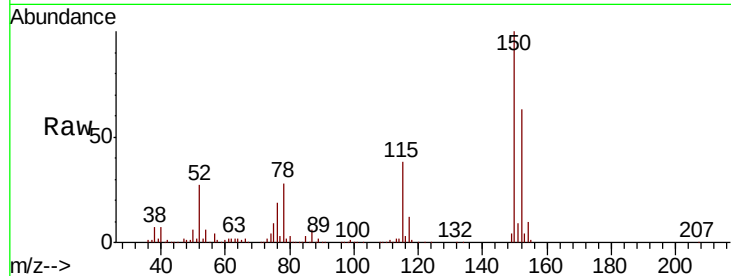
Tot Ion:152 Resp: 208731

Ion Ratio Lower Upper

152 100

115 62.2 30.0 90.0

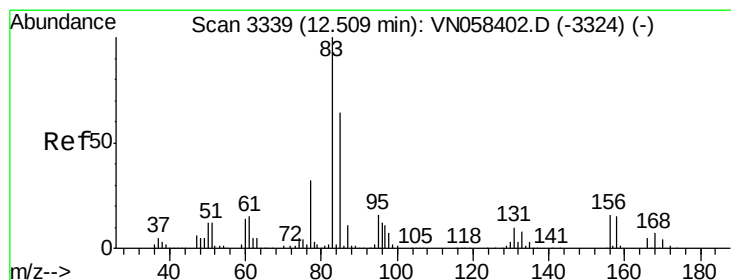
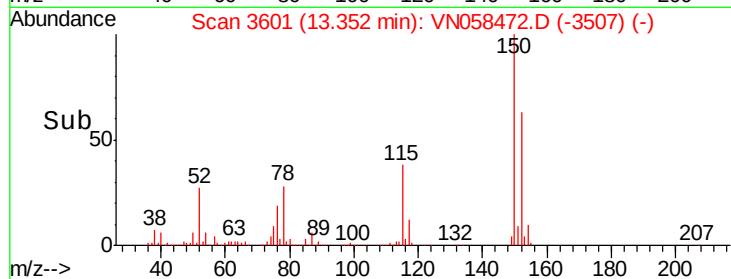
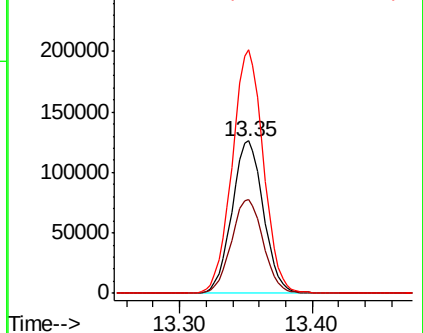
150 158.5 0.0 348.2



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



#75

1,1,2,2-Tetrachloroethane

Concen: 0.310 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.11 min

Lab File: VN058472.D

Acq: 1 Oct 2019 19:15

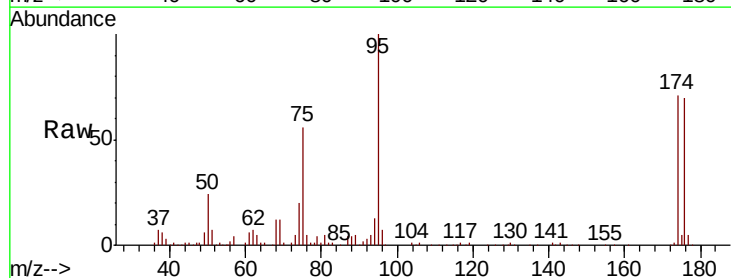
Tgt Ion: 83 Resp: 1413

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

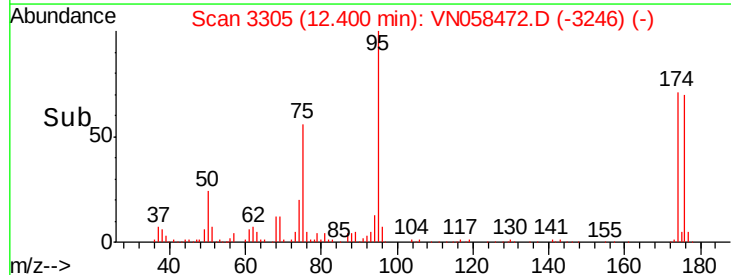
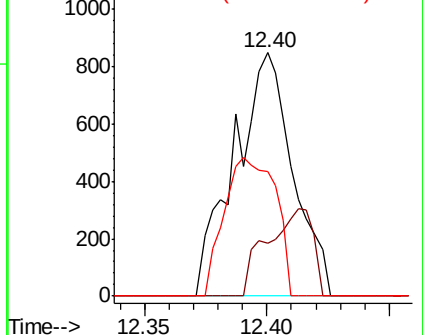
85 50.0 32.0 96.0

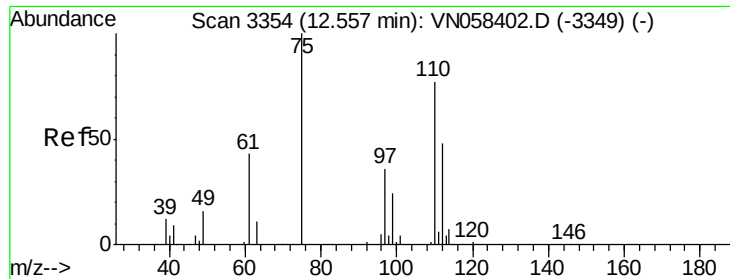


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 37.002 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058472.D

Acq: 1 Oct 2019 19:15

Instrument :

MSVOA_N

ClientSampled :

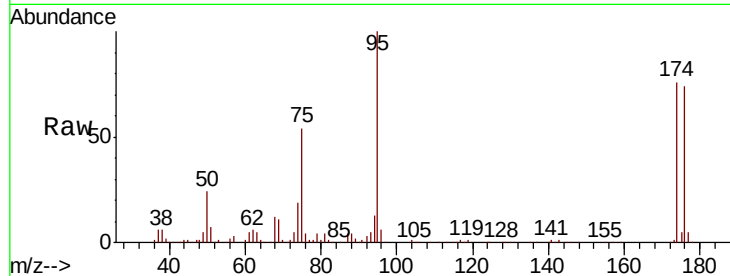
MW-2

Tot Ion: 75 Resp: 141068

Ion Ratio Lower Upper

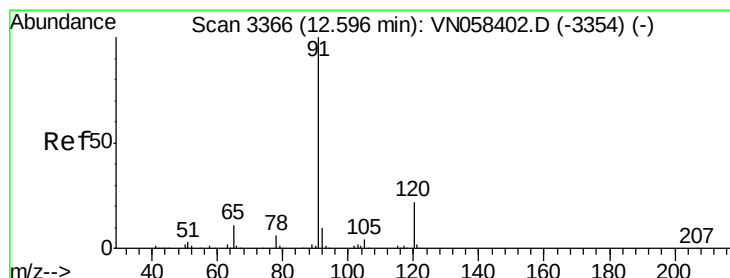
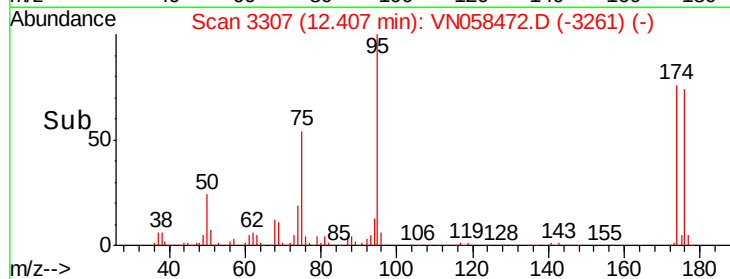
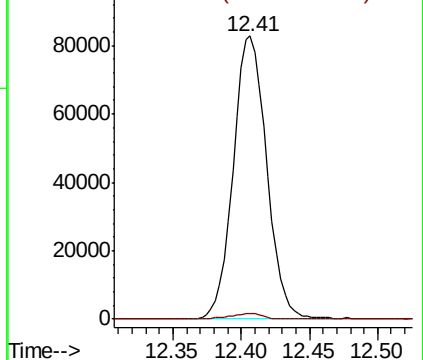
75 100

77 1.9 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: 0.347 ug/l

RT: 12.60 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN058472.D

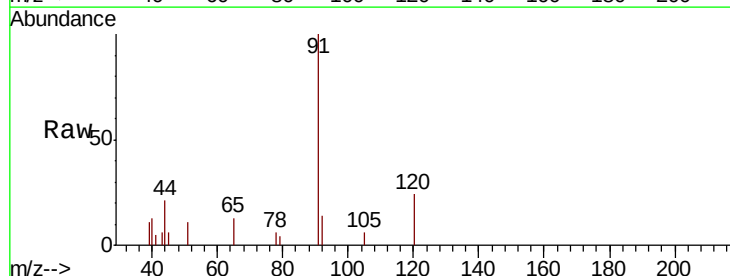
Acq: 1 Oct 2019 19:15

Tgt Ion: 91 Resp: 6032

Ion Ratio Lower Upper

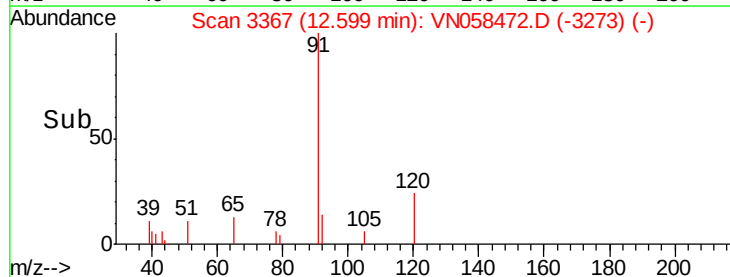
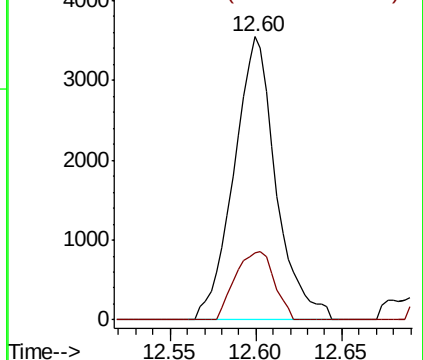
91 100

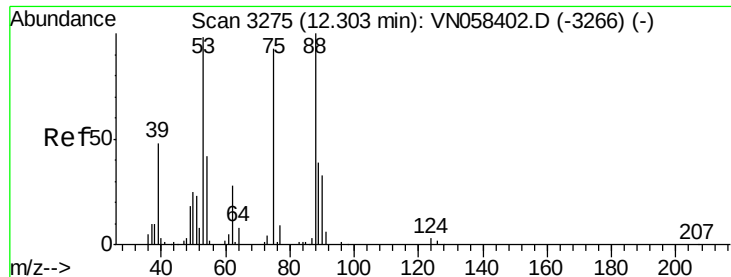
120 22.2 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

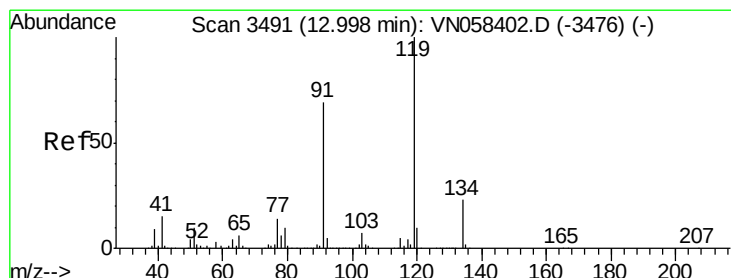
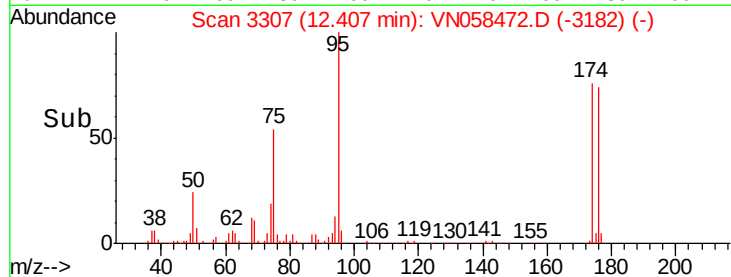
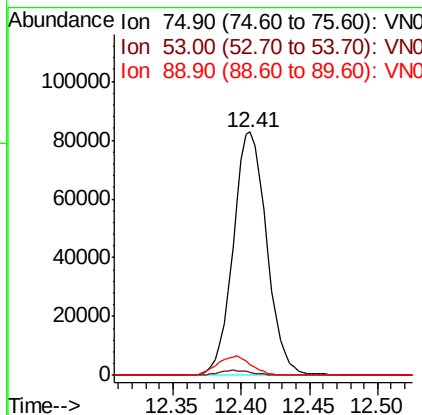
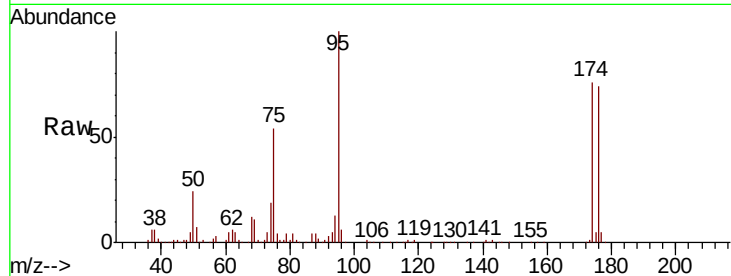




#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.378 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.10 min
 Lab File: VN058472.D
 Acq: 1 Oct 2019 19:15

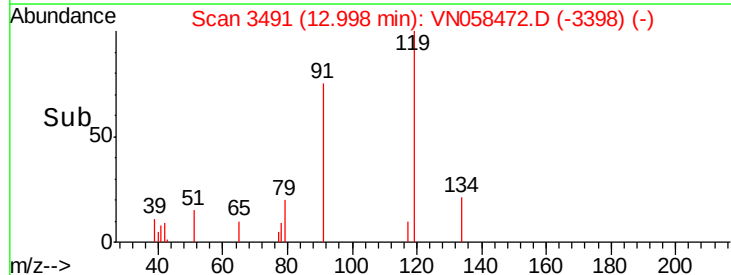
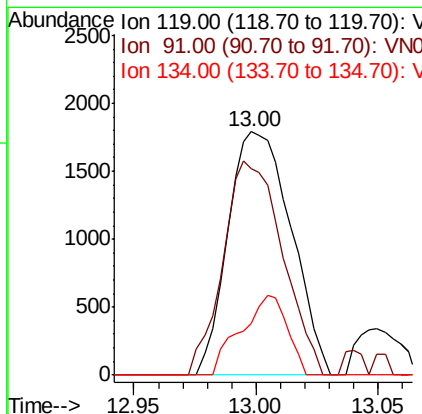
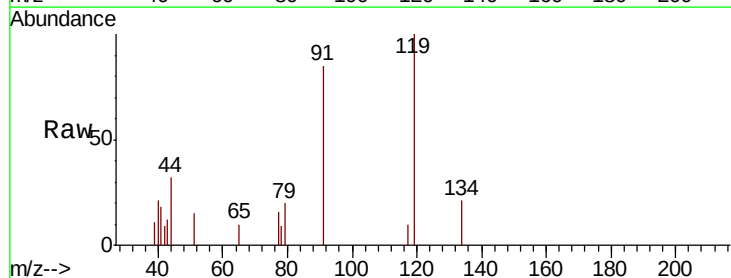
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

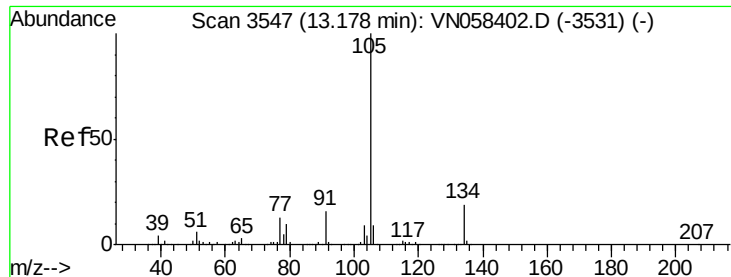
Tot Ion: 75 Resp: 141068
 Ion Ratio Lower Upper
 75 100
 53 2.0 85.4 128.0#
 89 8.1 35.0 52.4#



#83
 tert-Butylbenzene
 Concen: 0.295 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN058472.D
 Acq: 1 Oct 2019 19:15

Tgt Ion: 119 Resp: 3219
 Ion Ratio Lower Upper
 119 100
 91 82.8 34.2 102.6
 134 24.0 11.6 34.8





#85

sec-Butylbenzene

Concen: 0.556 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN058472.D

Acq: 1 Oct 2019 19:15

Instrument :

MSVOA_N

ClientSampled :

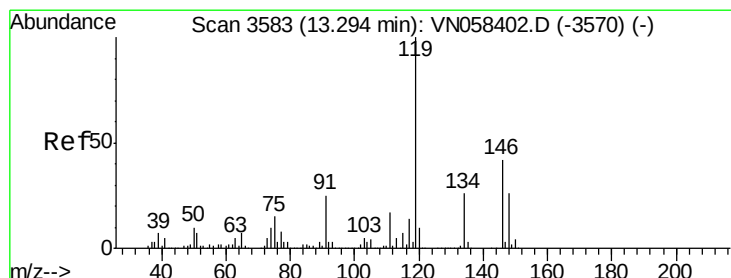
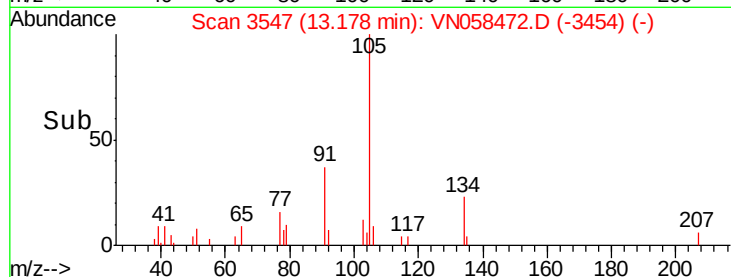
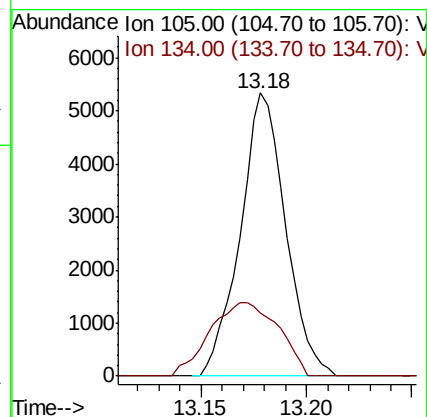
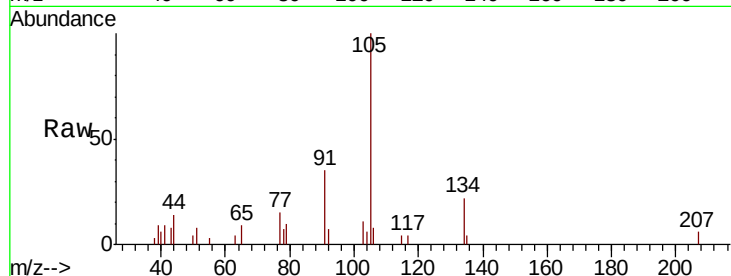
MW-2

Tot Ion:105 Resp: 7970

Ion Ratio Lower Upper

105 100

134 39.4 9.4 28.2#



#86

p-Isopropyltoluene

Concen: 0.419 ug/l

RT: 13.45 min Scan# 3632

Delta R.T. 0.16 min

Lab File: VN058472.D

Acq: 1 Oct 2019 19:15

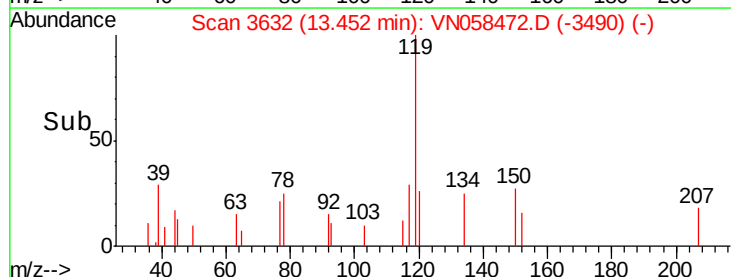
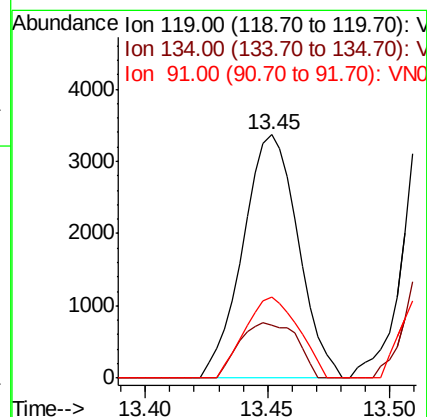
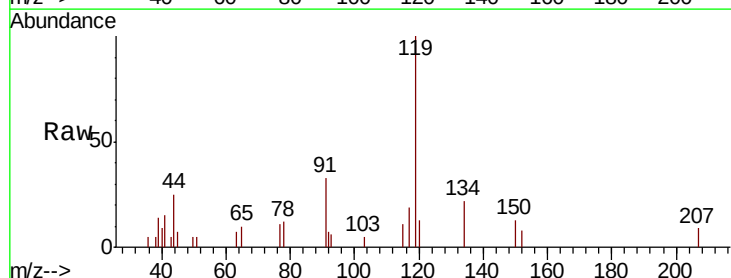
Tgt Ion:119 Resp: 5294

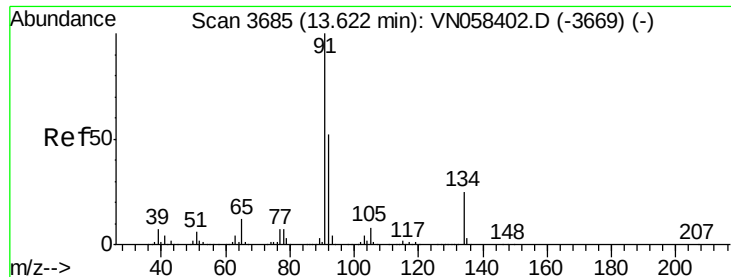
Ion Ratio Lower Upper

119 100

134 23.8 13.0 39.0

91 32.4 12.4 37.0

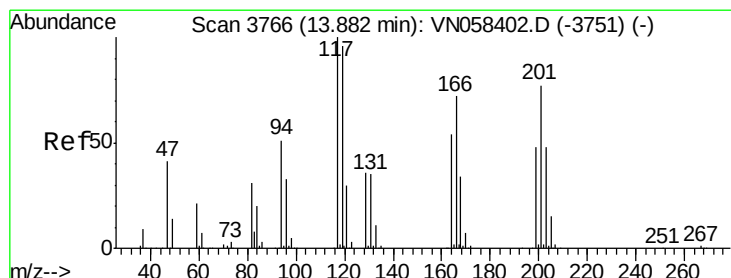
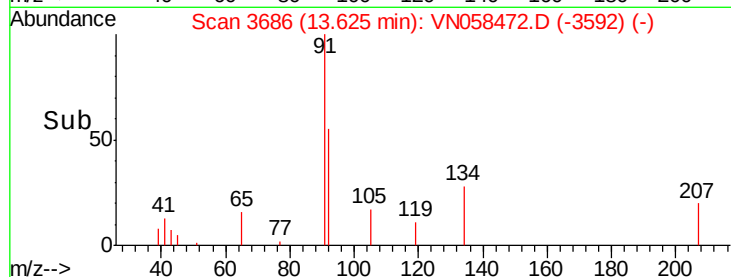
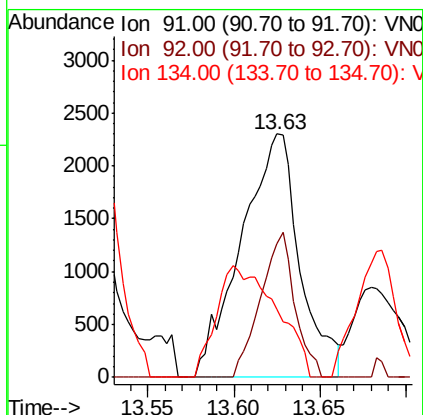
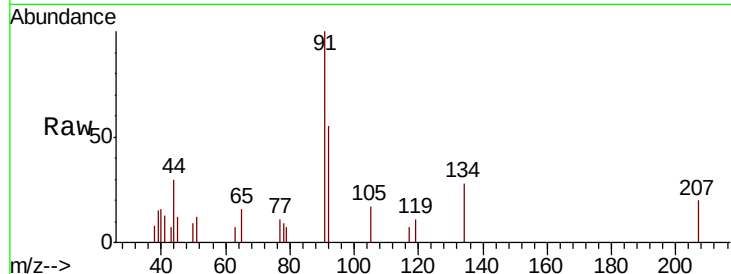




#89
n-Butylbenzene
Concen: 0.476 ug/l
RT: 13.63 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN058472.D
Acq: 1 Oct 2019 19:15

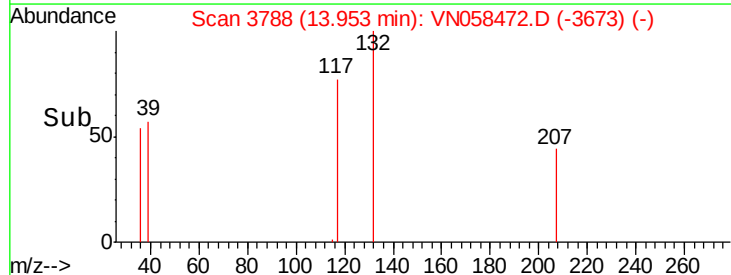
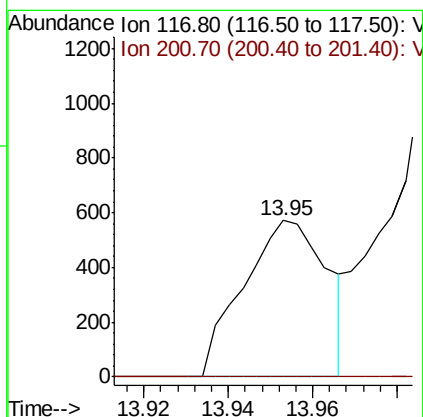
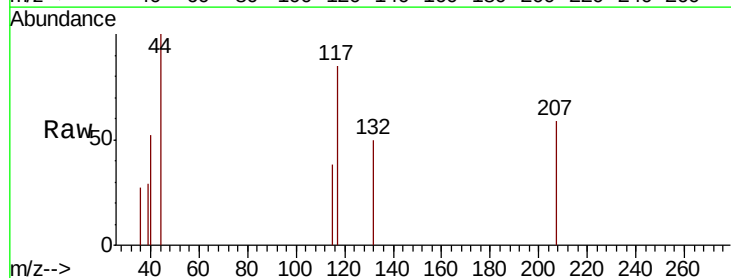
Instrument :
MSVOA_N
ClientSampled :
MW-2

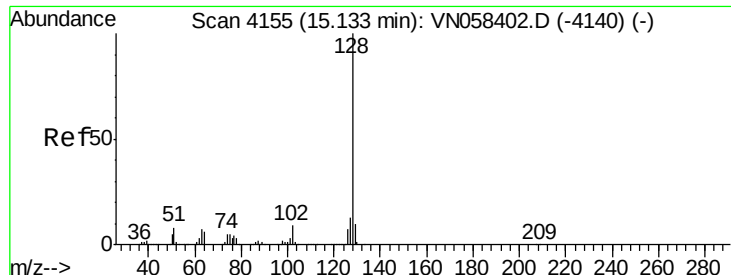
Tot Ion: 91 Resp: 5441
Ion Ratio Lower Upper
91 100
92 34.6 25.7 77.1
134 0.0 12.2 36.6#



#90
Hexachloroethane
Concen: 0.413 ug/l
RT: 13.95 min Scan# 3788
Delta R.T. 0.07 min
Lab File: VN058472.D
Acq: 1 Oct 2019 19:15

Tgt Ion: 117 Resp: 784
Ion Ratio Lower Upper
117 100
201 0.0 38.6 116.0#





#95

Naphthalene

Concen: 0.307 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN058472.D

Acq: 1 Oct 2019 19:15

Instrument :

MSVOA_N

ClientSampleId :

MW-2

Tot Ion:128 Resp: 3427

Ion Ratio Lower Upper

128 100

127 9.9 10.2 15.4#

129 4.2 8.3 12.5#

