

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091020\
 Data File : VN063302.D
 Acq On : 10 Sep 2020 18:34
 Operator : JC/MD
 Sample : L3930-04
 Misc : 5.06µ/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-242

Quant Time: Sep 11 06:10:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	389858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	733224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	687498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	271331	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	296367	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
35) Dibromofluoromethane	7.55	113	228666	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
50) Toluene-d8	10.06	98	923173	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.38	95	336839	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	

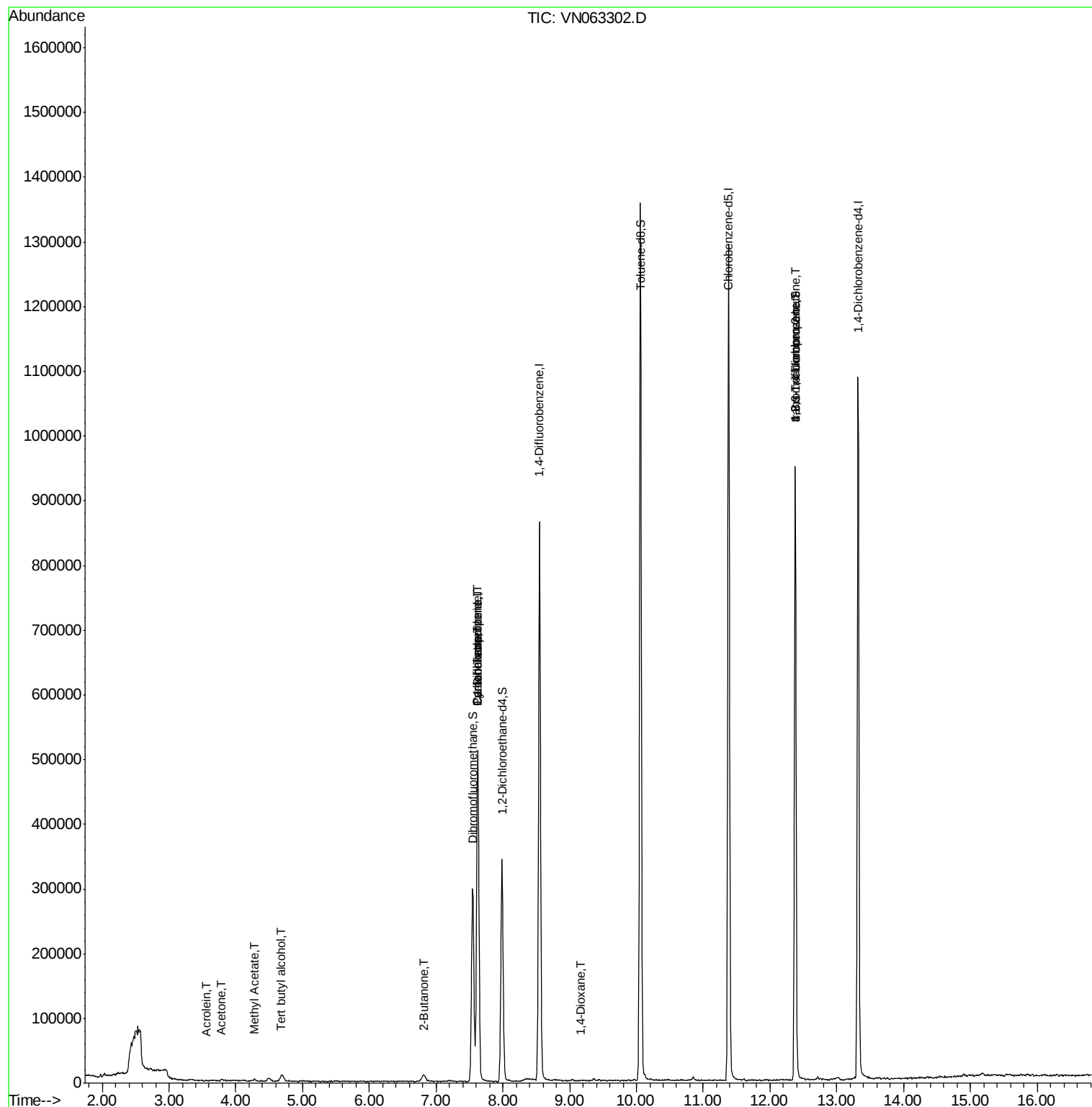
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	1519	Below Cal	#	76
11) Tert butyl alcohol	4.68	59	5713	7.055	ug/l #	75
13) Acrolein	3.56	56	68	32.592	ug/l #	2
16) Acetone	3.79	43	2271	1.074	ug/l	90
17) Carbon Disulfide	4.00	76	872	Below Cal	#	59
18) Methyl Acetate	4.29	43	4321	0.813	ug/l #	75
20) Methylene Chloride	4.49	84	1965	Below Cal	#	67
25) 2-Butanone	6.80	43	5024	1.608	ug/l	93
31) Cyclohexane	7.62	56	11077	1.289	ug/l #	11
36) 1,1-Dichloropropene	7.63	75	35768	4.746	ug/l #	51
38) Carbon Tetrachloride	7.63	117	43352	5.844	ug/l #	16
49) 1,4-Dioxane	9.16	88	67	0.722	ug/l #	59
76) 1,2,3-Trichloropropane	12.38	75	181805	30.372	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	181805	81.603	ug/l #	9
88) 1,4-Dichlorobenzene	13.34	146	1062	Below Cal	#	1
95) Naphthalene	15.11	128	1607	Below Cal	#	81
96) 1,2,3-Trichlorobenzene	15.29	180	311	Below Cal	#	53

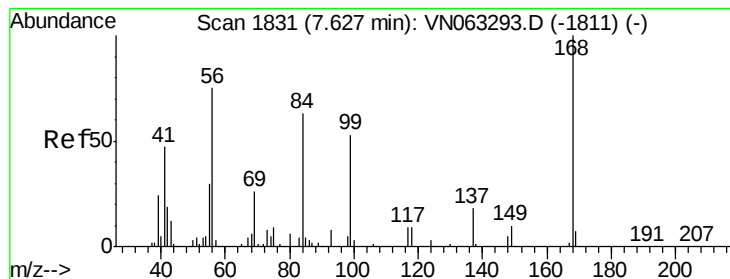
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091020\
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Quant Title : SW846 8260
QLast Update : Fri Sep 11 06:02:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063302.D

Acq: 10 Sep 2020 18:34

Instrument :

MSVOA_N

ClientSampled :

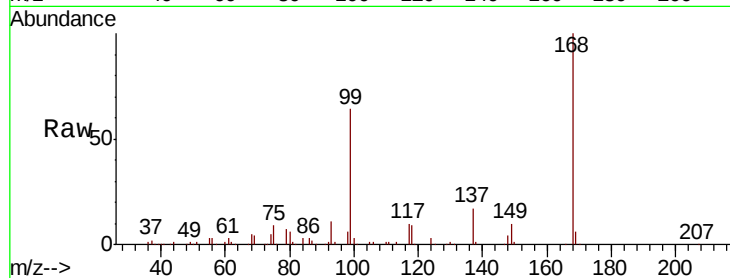
VNJ-242

Tot Ion:168 Resp: 389858

Ion Ratio Lower Upper

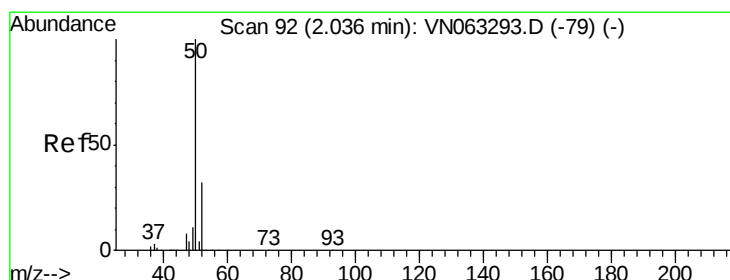
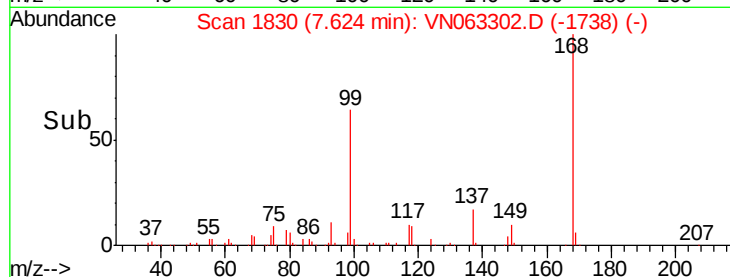
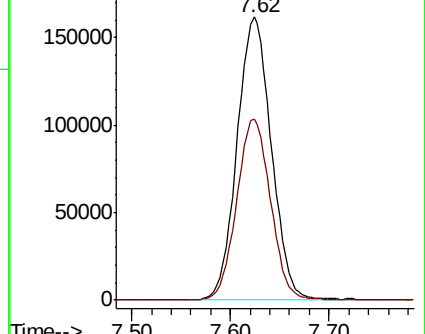
168 100

99 64.1 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 91

Delta R.T. -0.00 min

Lab File: VN063302.D

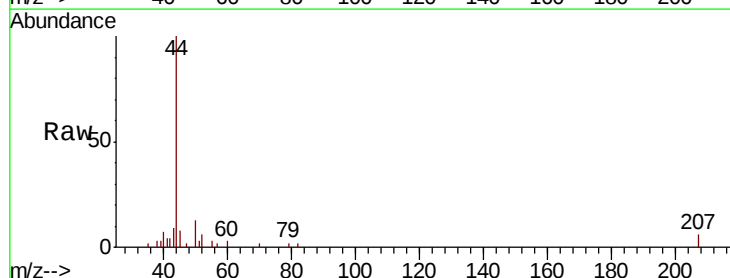
Acq: 10 Sep 2020 18:34

Tgt Ion: 50 Resp: 1519

Ion Ratio Lower Upper

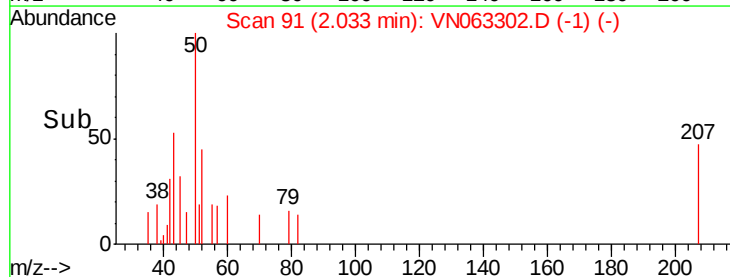
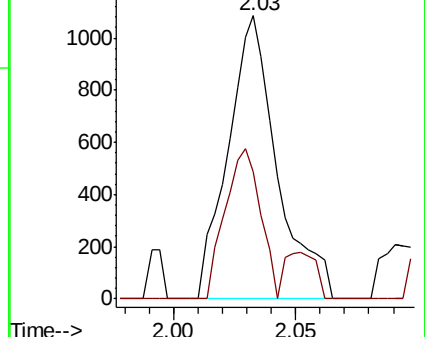
50 100

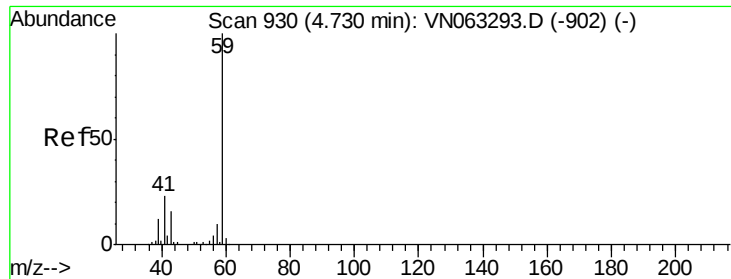
52 44.9 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

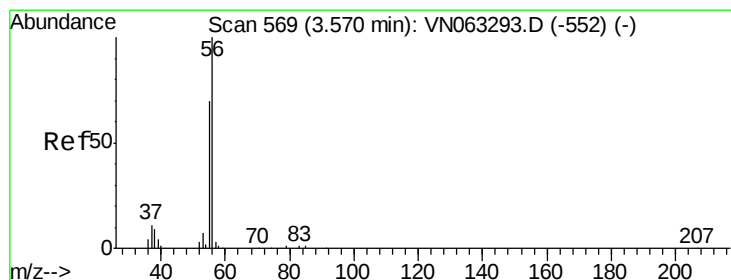
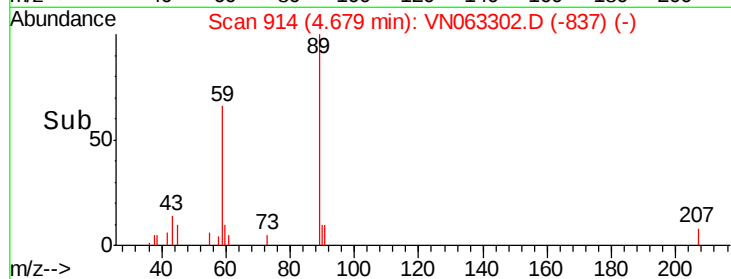
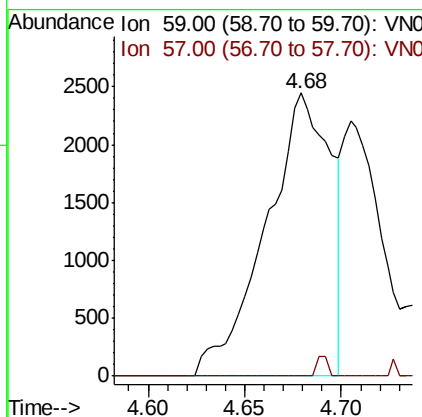
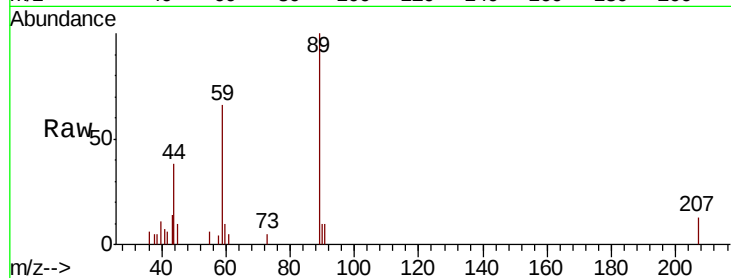




#11
Tert butyl alcohol
Concen: 7.055 ug/l
RT: 4.68 min Scan# 914
Delta R.T. -0.05 min
Lab File: VN063302.D
Acq: 10 Sep 2020 18:34

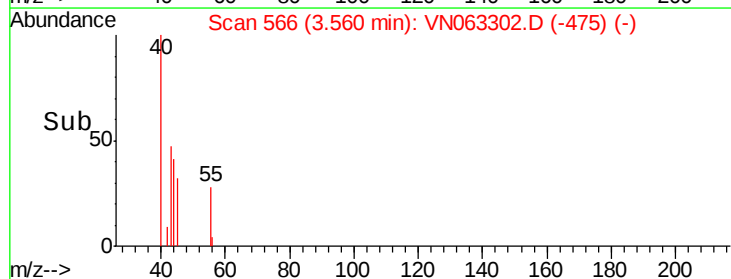
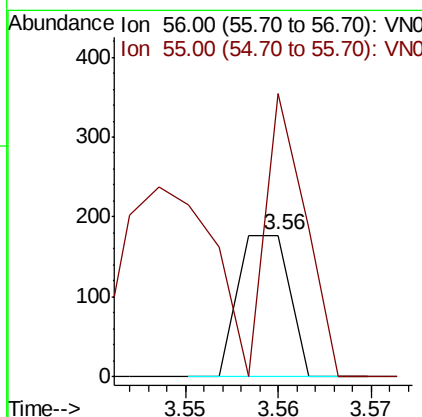
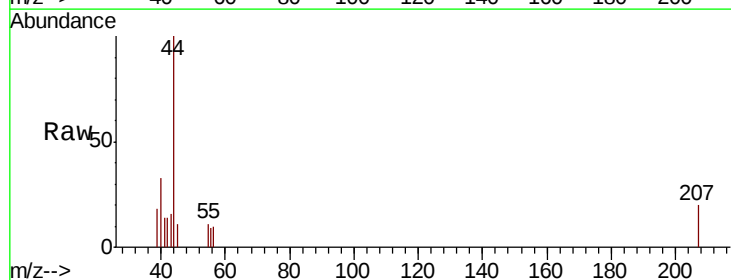
Instrument :
MSVOA_N
ClientSampled :
VNJ-242

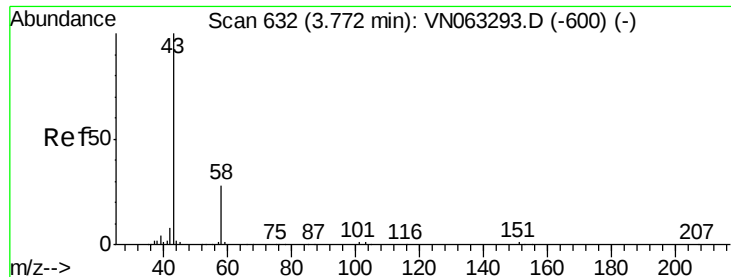
Tot Ion: 59 Resp: 5713
Ion Ratio Lower Upper
59 100
57 1.2 8.3 12.5#



#13
Acrolein
Concen: 32.592 ug/l
RT: 3.56 min Scan# 566
Delta R.T. -0.01 min
Lab File: VN063302.D
Acq: 10 Sep 2020 18:34

Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 152.9 57.2 85.8#





#16

Acetone

Concen: 1.074 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN063302.D

Acq: 10 Sep 2020 18:34

Instrument :

MSVOA_N

ClientSampled :

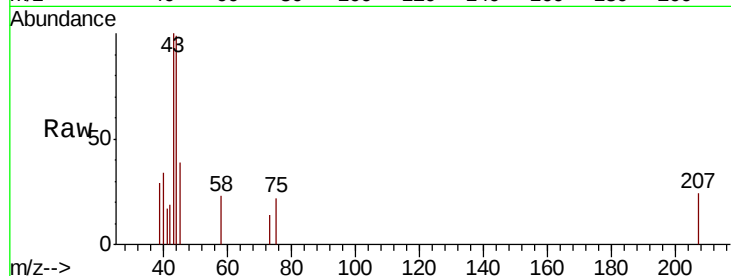
VNJ-242

Tot Ion: 43 Resp: 2271

Ion Ratio Lower Upper

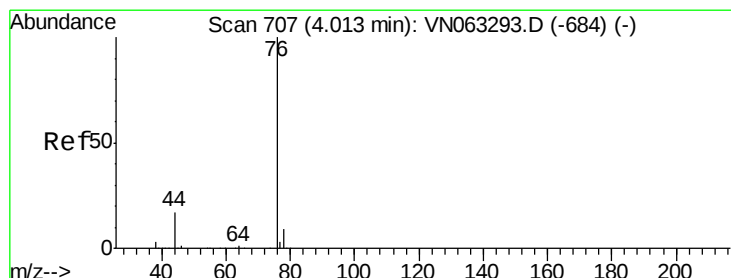
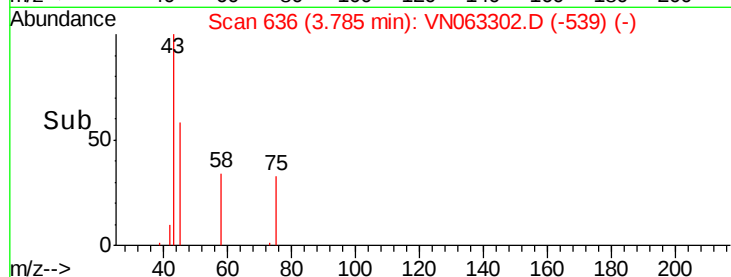
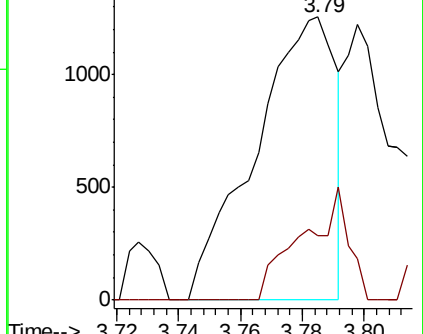
43 100

58 22.9 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.00 min Scan# 702

Delta R.T. -0.02 min

Lab File: VN063302.D

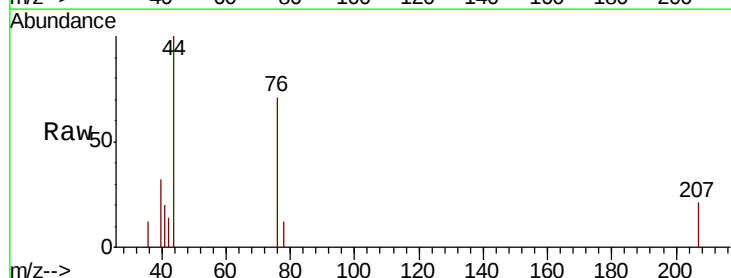
Acq: 10 Sep 2020 18:34

Tgt Ion: 76 Resp: 872

Ion Ratio Lower Upper

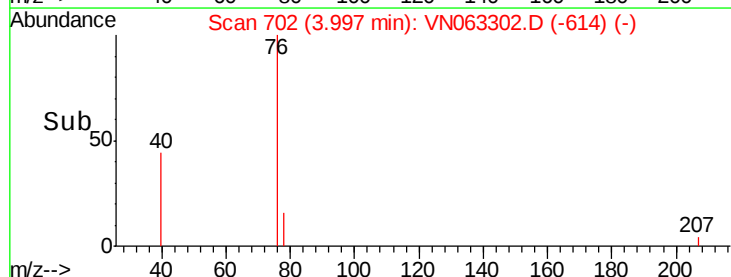
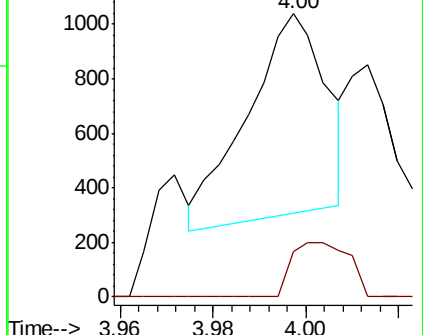
76 100

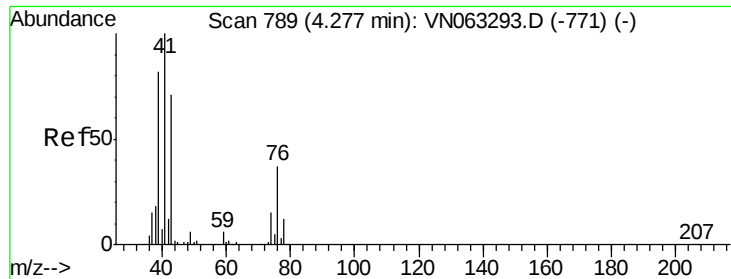
78 23.9 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

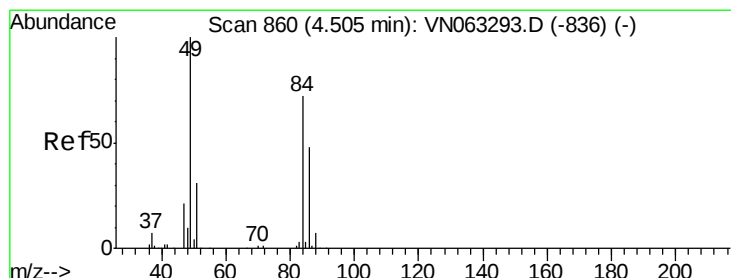
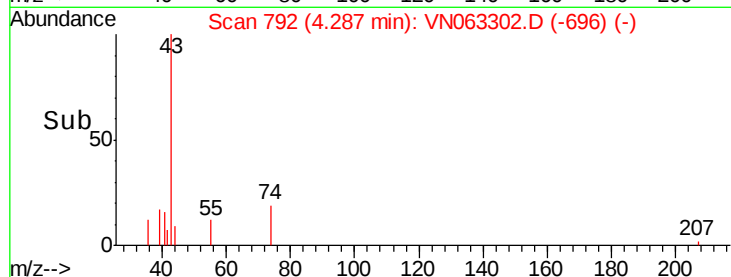
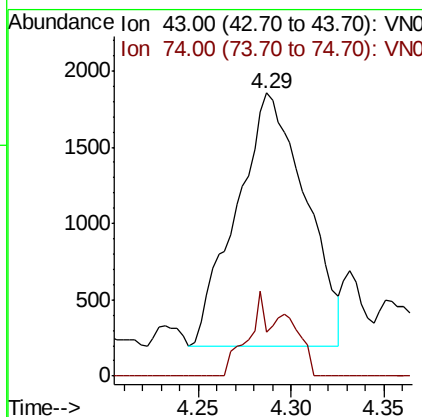
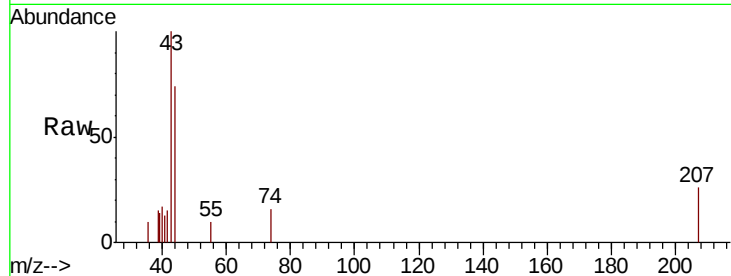




#18
Methyl Acetate
Concen: 0.813 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN063302.D
Acq: 10 Sep 2020 18:34

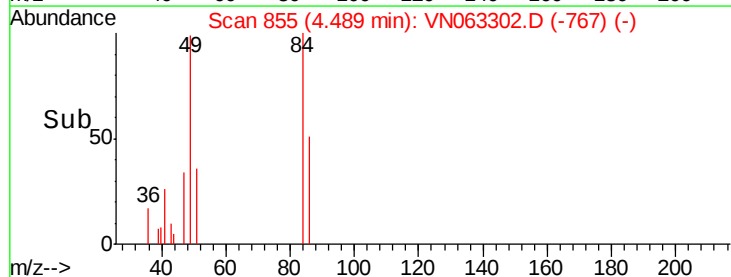
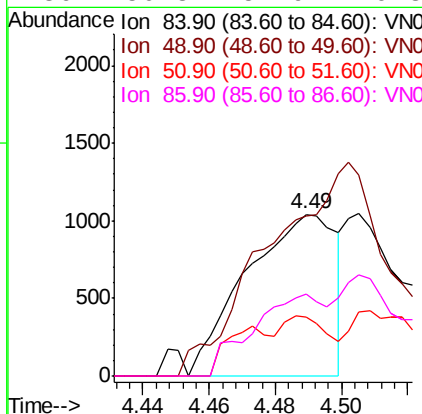
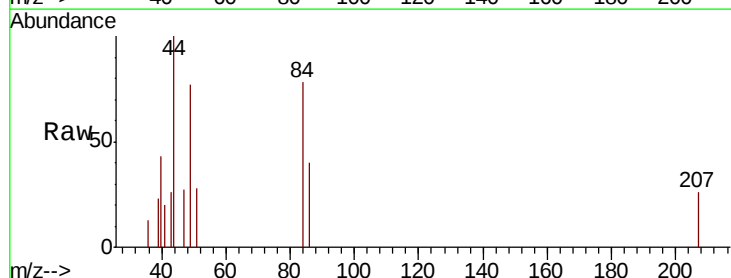
Instrument :
MSVOA_N
ClientSampled :
VNJ-242

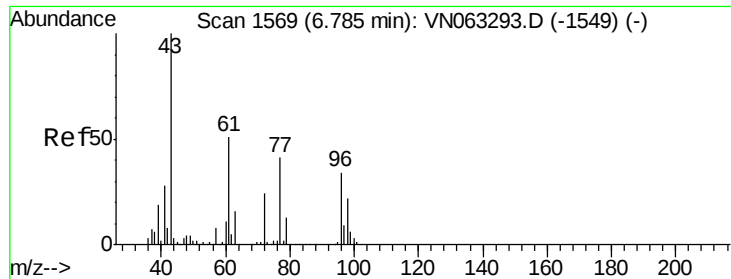
Tot Ion: 43 Resp: 4321
Ion Ratio Lower Upper
43 100
74 10.2 17.8 26.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.49 min Scan# 855
Delta R.T. -0.02 min
Lab File: VN063302.D
Acq: 10 Sep 2020 18:34

Tgt Ion: 84 Resp: 1965
Ion Ratio Lower Upper
84 100
49 82.7 111.1 166.7#
51 36.3 34.3 51.5
86 50.8 52.9 79.3#

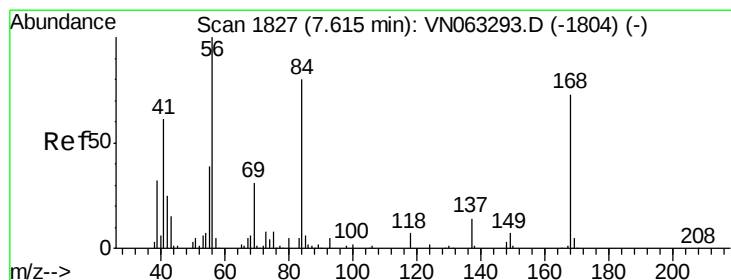
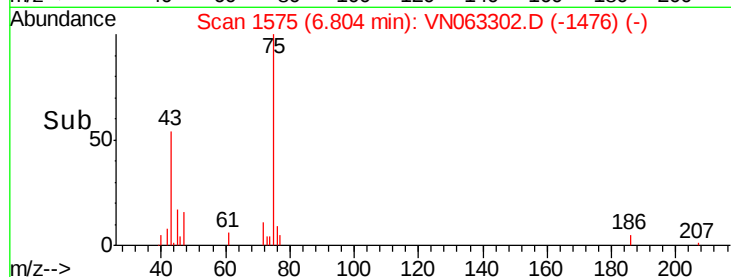
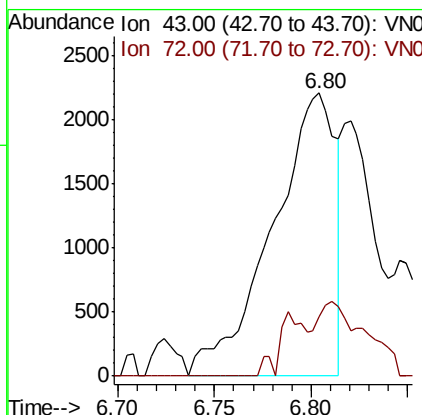
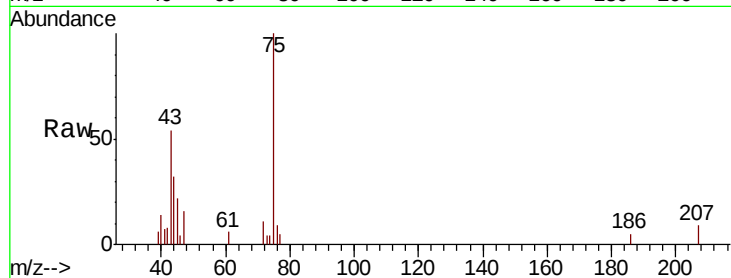




#25
2-Butanone
Concen: 1.608 ug/l
RT: 6.80 min Scan# 1575
Delta R.T. 0.02 min
Lab File: VN063302.D
Acq: 10 Sep 2020 18:34

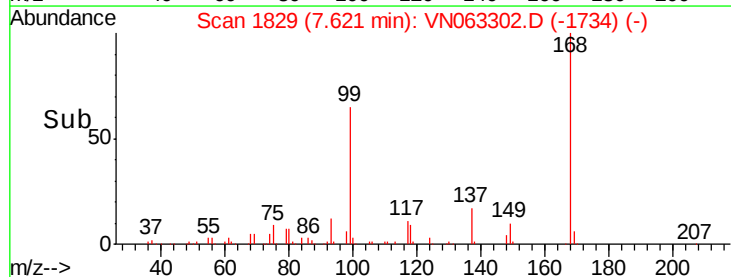
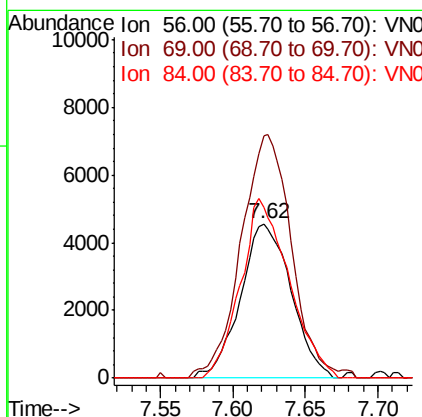
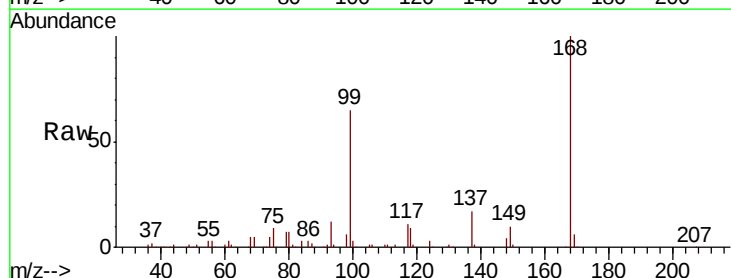
Instrument :
MSVOA_N
ClientSampleId :
VNJ-242

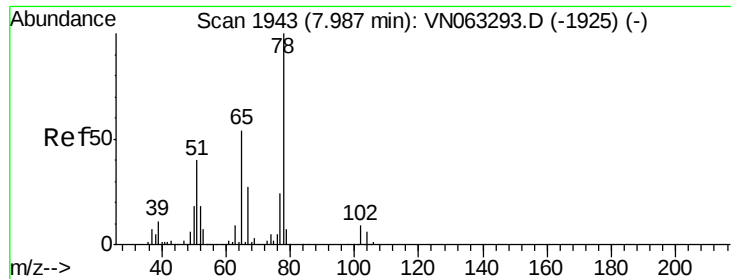
Tot Ion: 43 Resp: 5024
Ion Ratio Lower Upper
43 100
72 20.9 19.4 29.2



#31
Cyclohexane
Concen: 1.289 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN063302.D
Acq: 10 Sep 2020 18:34

Tgt Ion: 56 Resp: 11077
Ion Ratio Lower Upper
56 100
69 157.1 25.1 37.7#
84 110.6 64.2 96.2#

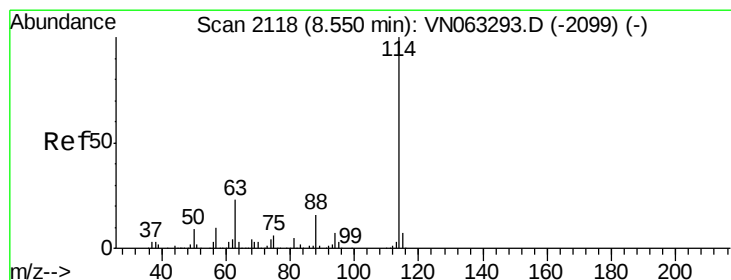
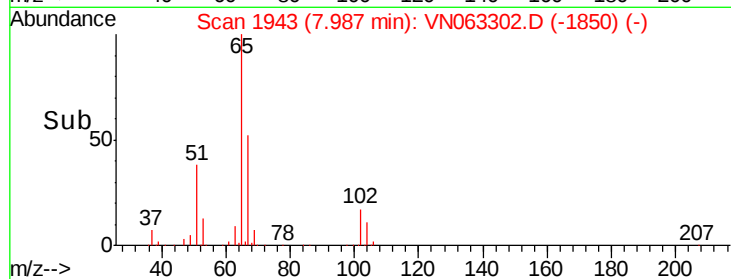
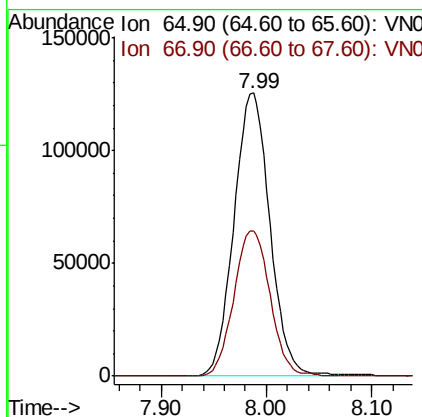
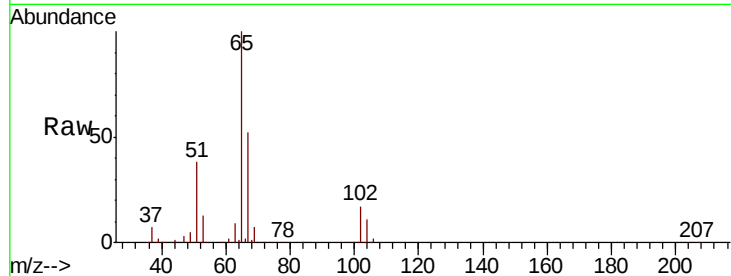




#33
 1,2-Dichloroethane-d4
 Concen: 48.385 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063302.D
 Acq: 10 Sep 2020 18:34

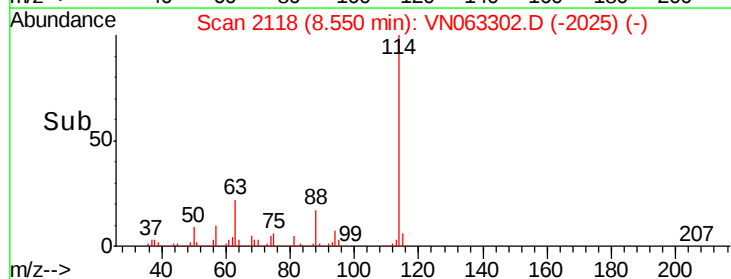
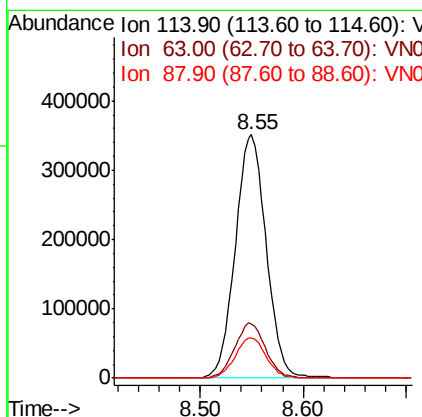
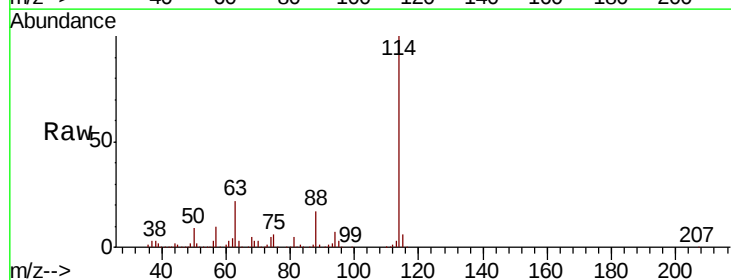
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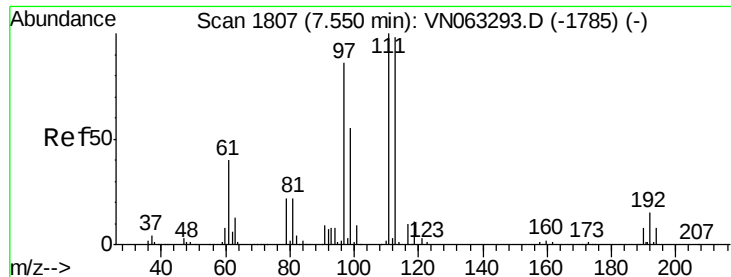
Tot Ion: 65 Resp: 296367
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063302.D
 Acq: 10 Sep 2020 18:34

Tgt Ion: 114 Resp: 733224
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 46.0
 88 16.7 0.0 32.8

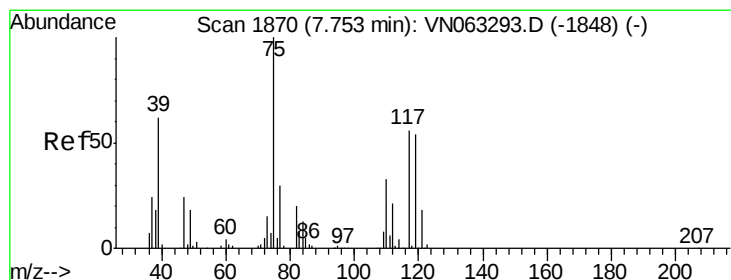
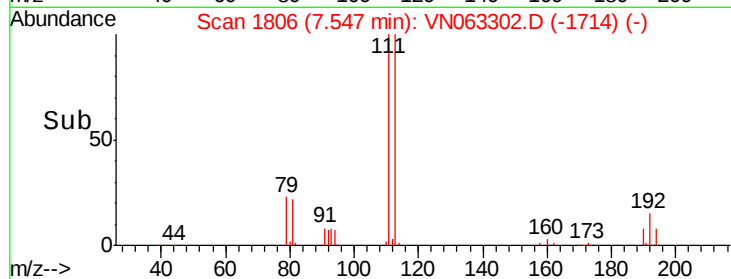
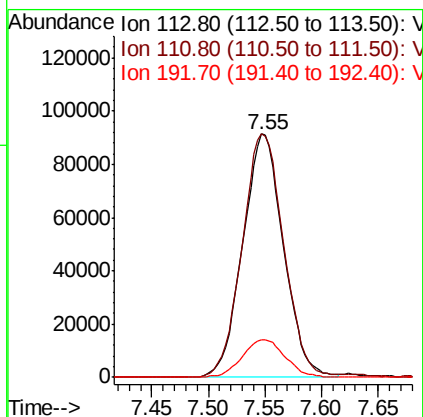
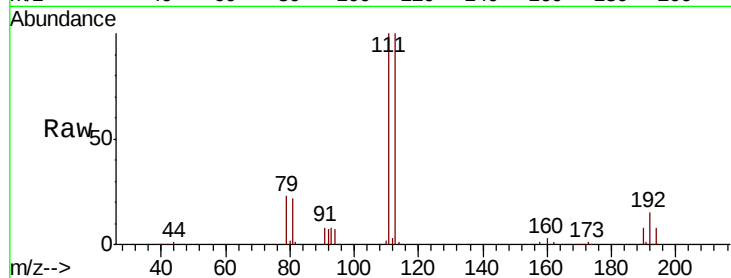




#35
 Dibromofluoromethane
 Concen: 48.341 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063302.D
 Acq: 10 Sep 2020 18:34

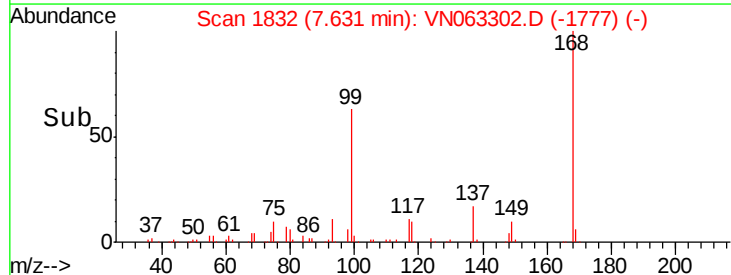
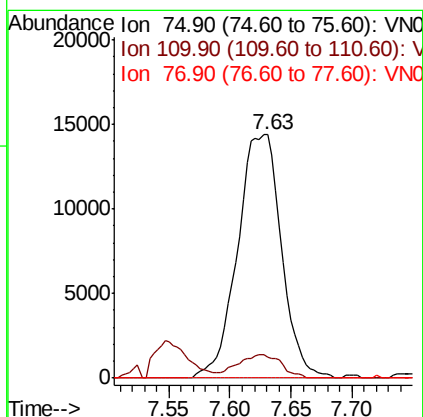
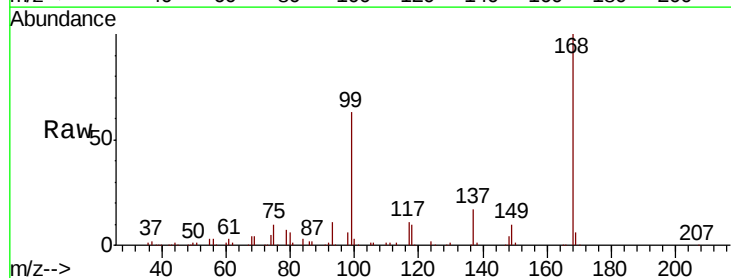
Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-242

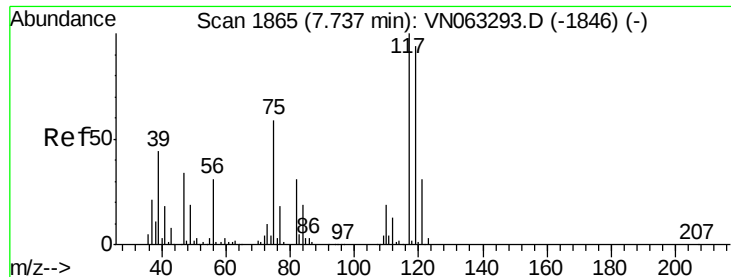
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.2
192	16.4	12.9	19.3



#36
 1,1-Dichloropropene
 Concen: 4.746 ug/l
 RT: 7.63 min Scan# 1832
 Delta R.T. -0.12 min
 Lab File: VN063302.D
 Acq: 10 Sep 2020 18:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	16.4	49.4#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 5.844 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN063302.D

Acq: 10 Sep 2020 18:34

Instrument :

MSVOA_N

ClientSampled :

VNJ-242

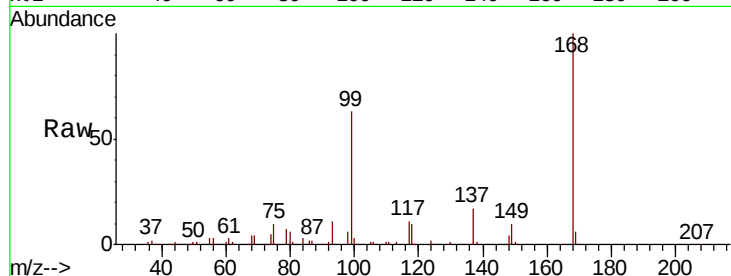
Tot Ion:117 Resp: 43352

Ion Ratio Lower Upper

117 100

119 4.2 75.3 112.9#

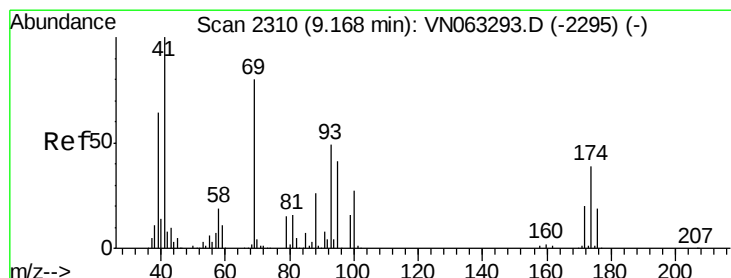
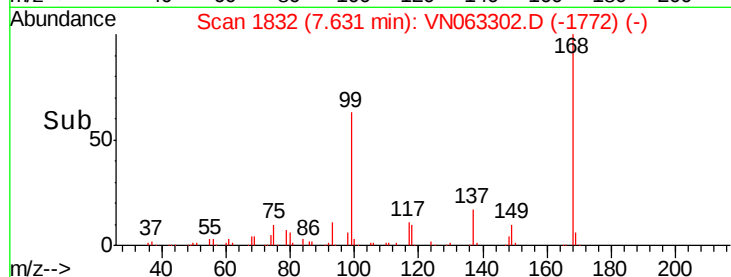
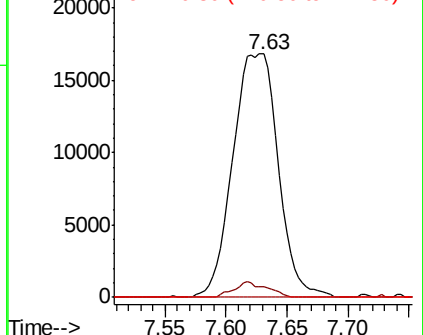
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 0.722 ug/l

RT: 9.16 min Scan# 2307

Delta R.T. -0.01 min

Lab File: VN063302.D

Acq: 10 Sep 2020 18:34

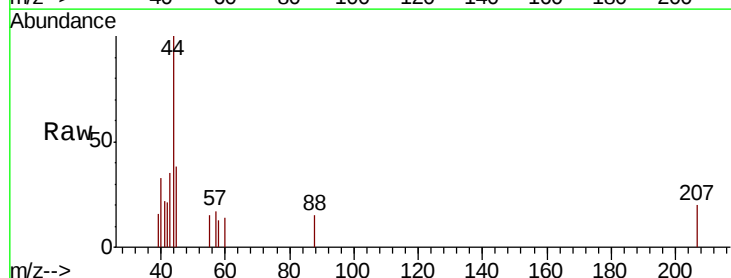
Tgt Ion: 88 Resp: 67

Ion Ratio Lower Upper

88 100

43 77.6 30.5 45.7#

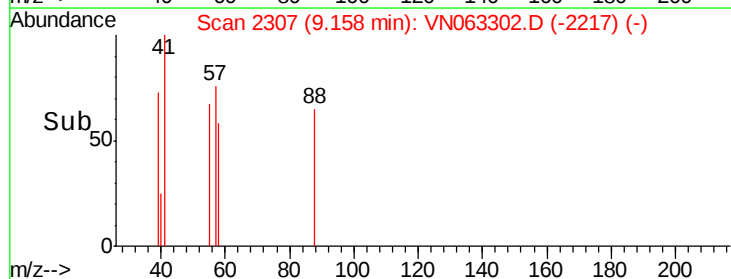
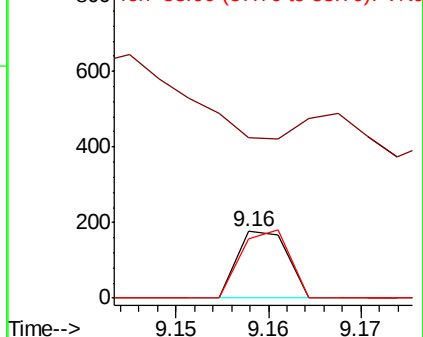
58 97.0 58.9 88.3#

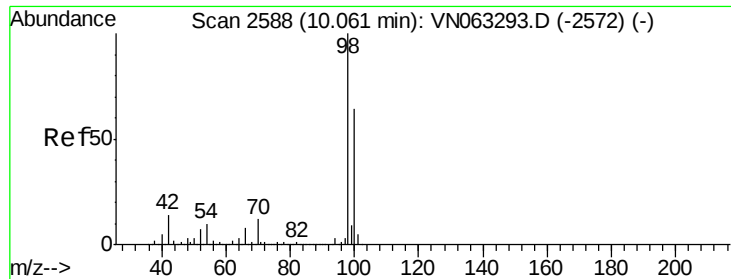


Abundance Ion 88.00 (87.70 to 88.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#50

Toluene-d8

Concen: 50.927 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. -0.00 min

Lab File: VN063302.D

Acq: 10 Sep 2020 18:34

Instrument :

MSVOA_N

ClientSampled :

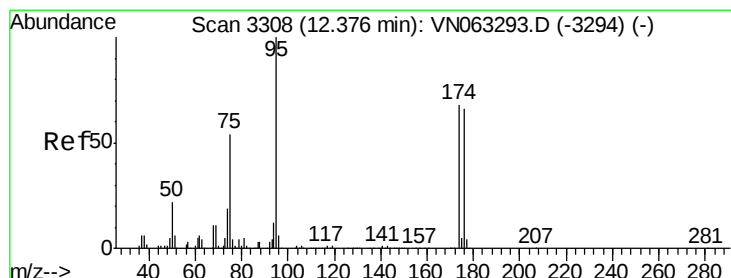
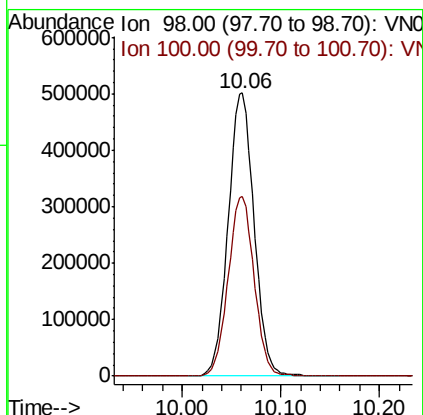
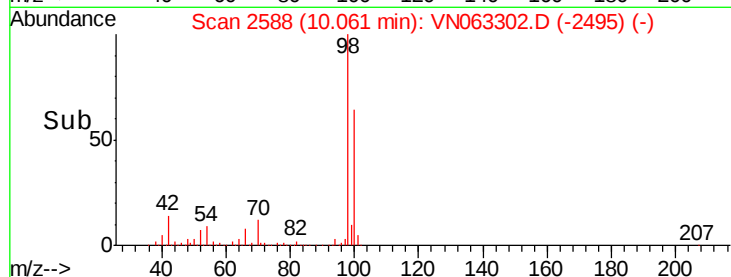
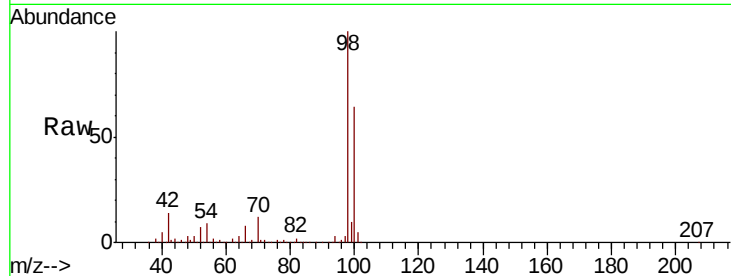
VNJ-242

Tot Ion: 98 Resp: 923173

Ion Ratio Lower Upper

98 100

100 63.6 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 50.309 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063302.D

Acq: 10 Sep 2020 18:34

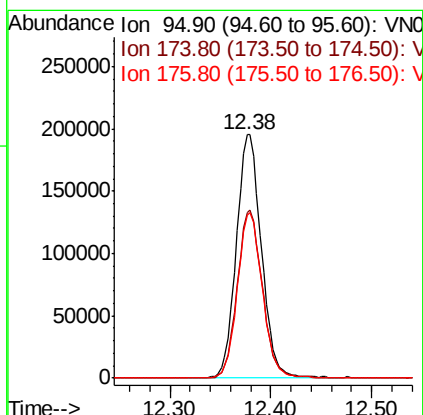
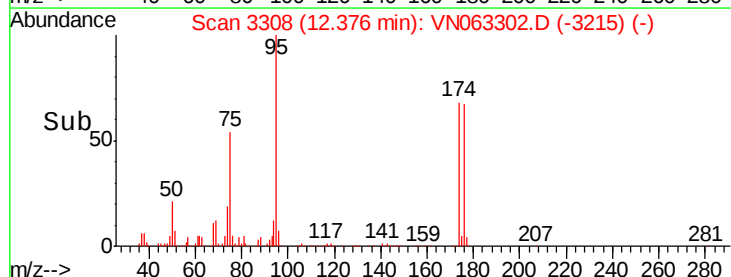
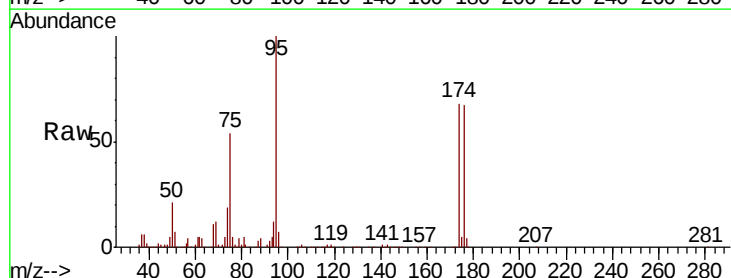
Tgt Ion: 95 Resp: 336839

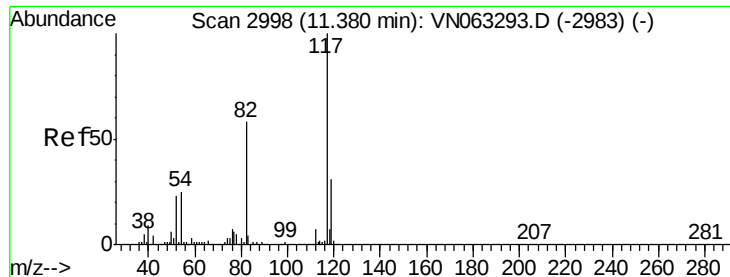
Ion Ratio Lower Upper

95 100

174 69.3 0.0 136.6

176 67.4 0.0 132.8

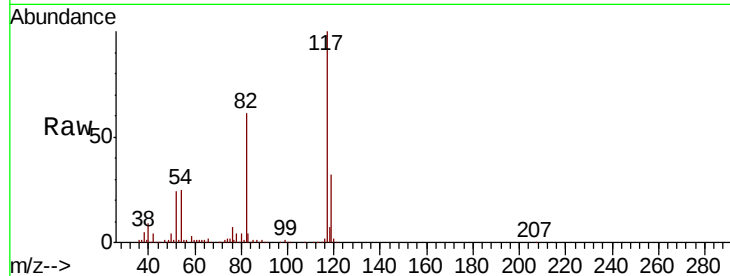




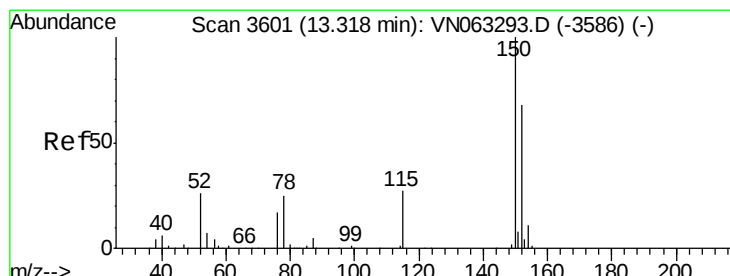
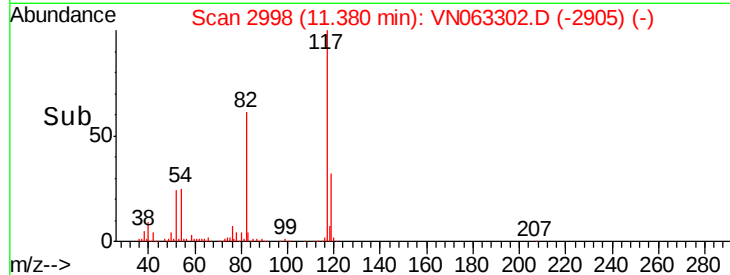
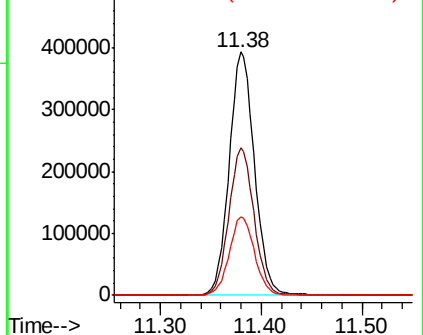
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063302.D
Acq: 10 Sep 2020 18:34

Instrument :
MSVOA_N
ClientSampled :
VNJ-242

Tot Ion:117 Resp: 687498
Ion Ratio Lower Upper
117 100
82 60.7 46.4 69.6
119 32.4 24.8 37.2

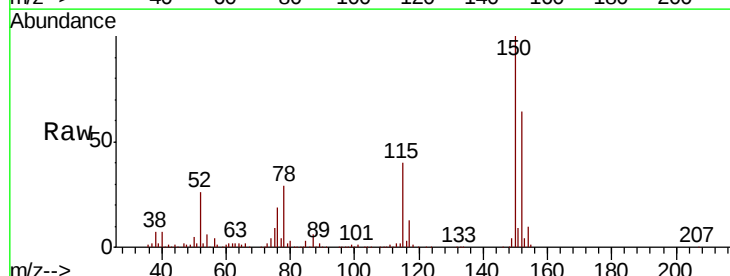


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

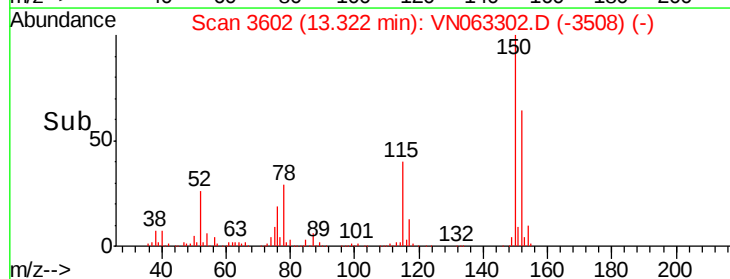
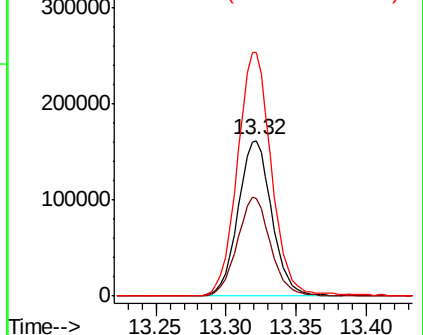


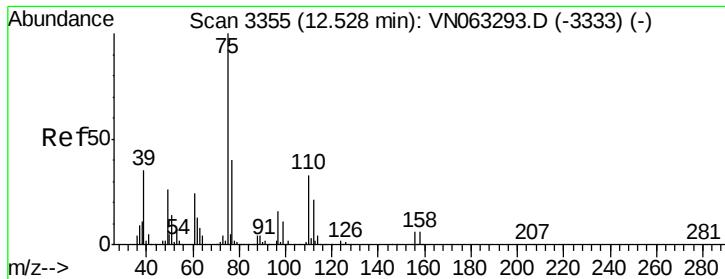
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3602
Delta R.T. 0.00 min
Lab File: VN063302.D
Acq: 10 Sep 2020 18:34

Tgt Ion:152 Resp: 271331
Ion Ratio Lower Upper
152 100
115 63.3 31.5 94.5
150 158.1 0.0 344.0



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





#76

1,2,3-Trichloropropane

Concen: 30.372 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063302.D

Acq: 10 Sep 2020 18:34

Instrument :

MSVOA_N

ClientSampleId :

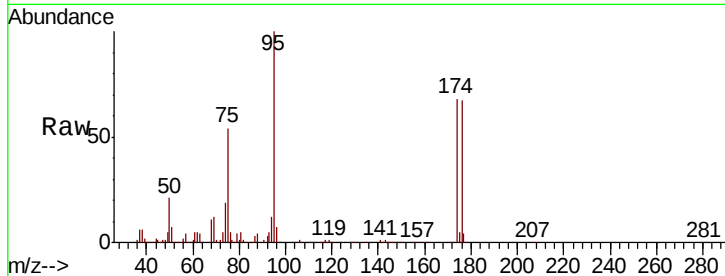
VNJ-242

Tot Ion: 75 Resp: 181805

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.38

100000

80000

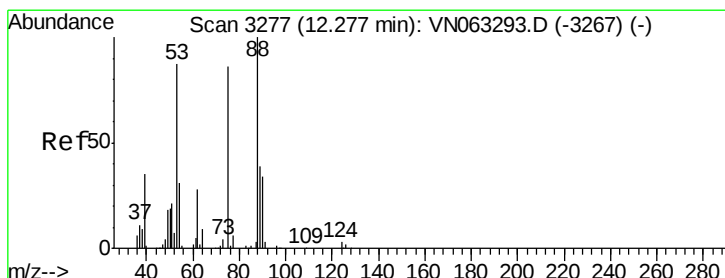
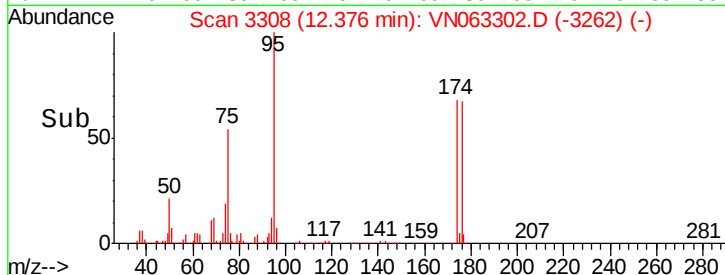
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 81.603 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063302.D

Acq: 10 Sep 2020 18:34

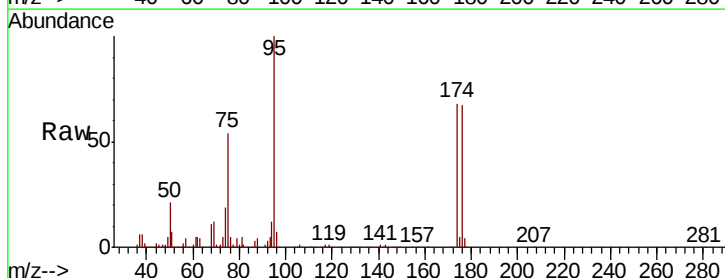
Tgt Ion: 75 Resp: 181805

Ion Ratio Lower Upper

75 100

53 0.1 81.8 122.8#

89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

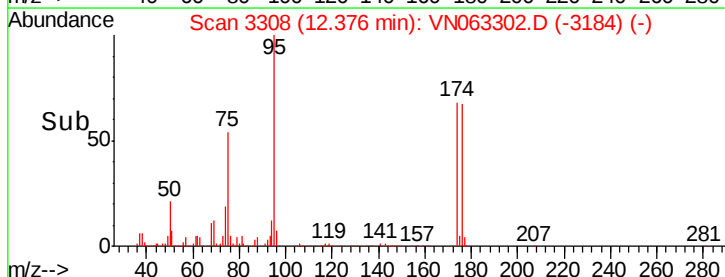
12.38

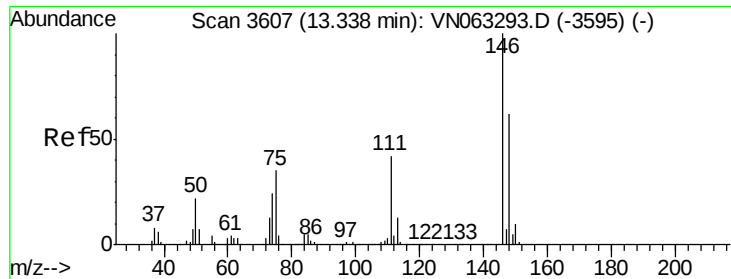
100000

50000

0

Time-->

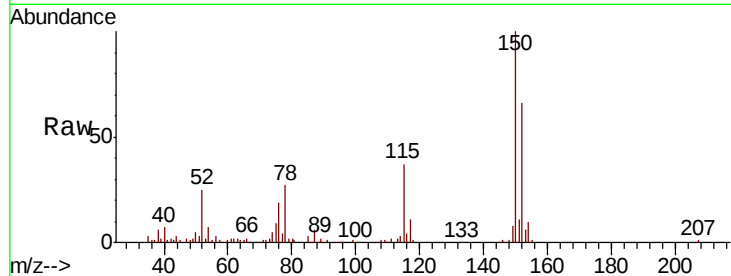




#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.34 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VN063302.D
 Acq: 10 Sep 2020 18:34

Instrument :
 MSVOA_N
 ClientSampled :
 VNJ-242

Tot Ion	Ratio	Lower	Upper
146	100		
111	391.9	21.3	64.0#
148	104.5	31.5	94.5#

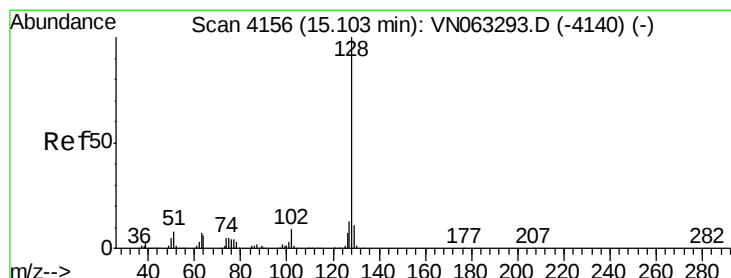
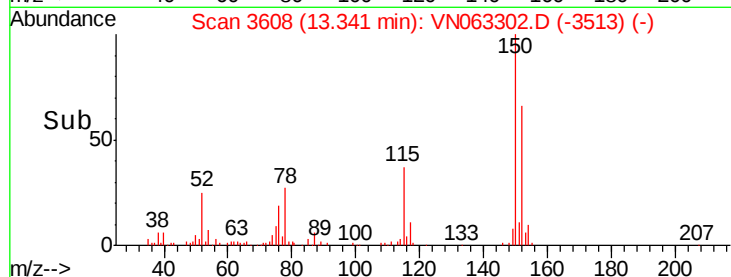
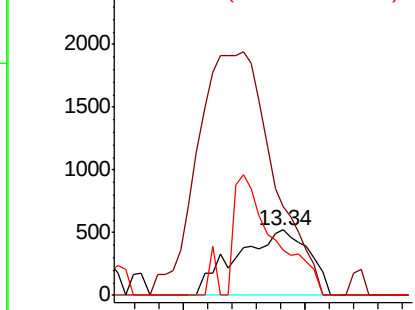


Abundance

Ion 145.90 (145.60 to 146.60): V

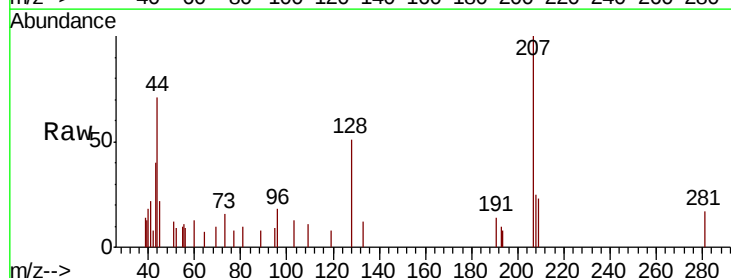
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#95
 Naphthalene
 Concen: Below Cal
 RT: 15.11 min Scan# 4159
 Delta R.T. 0.01 min
 Lab File: VN063302.D
 Acq: 10 Sep 2020 18:34

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	9.3	8.6	12.8

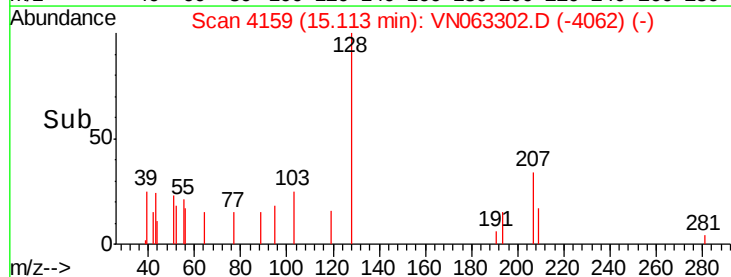
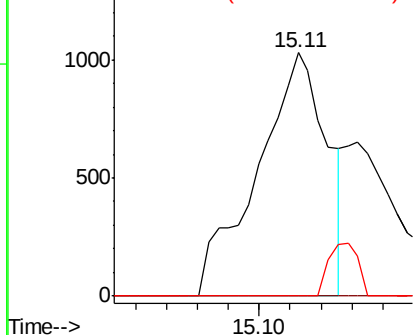


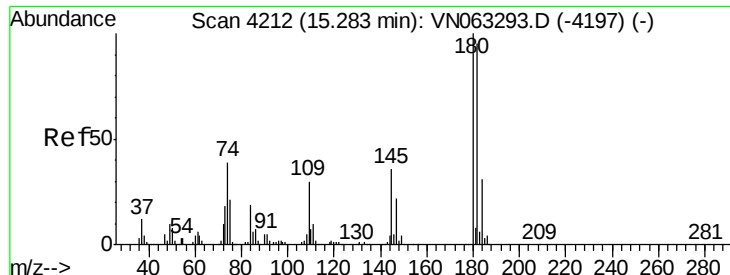
Abundance

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: Below Cal
 RT: 15.29 min Scan# 4214
 Delta R.T. 0.01 min
 Lab File: VN063302.D
 Acq: 10 Sep 2020 18:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-242

Tot Ion:180 Resp: 311
 Ion Ratio Lower Upper
 180 100
 182 46.3 47.4 142.3#
 145 56.3 17.2 51.6#

