

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\
 Data File : VN064273.D
 Acq On : 23 Oct 2020 00:24
 Operator : JC/MD
 Sample : L4436-05
 Misc : 12.46g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 34B

Quant Time: Oct 23 02:06:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	231757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	408894	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	409025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	195536	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	183032	53.18	ug/l	0.00
Spiked Amount			Recovery	=	106.36%	
35) Dibromofluoromethane	7.54	113	135361	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	
50) Toluene-d8	10.06	98	517044	52.43	ug/l	0.00
Spiked Amount			Recovery	=	104.86%	
62) 4-Bromofluorobenzene	12.38	95	226837	56.74	ug/l	0.00
Spiked Amount			Recovery	=	113.48%	

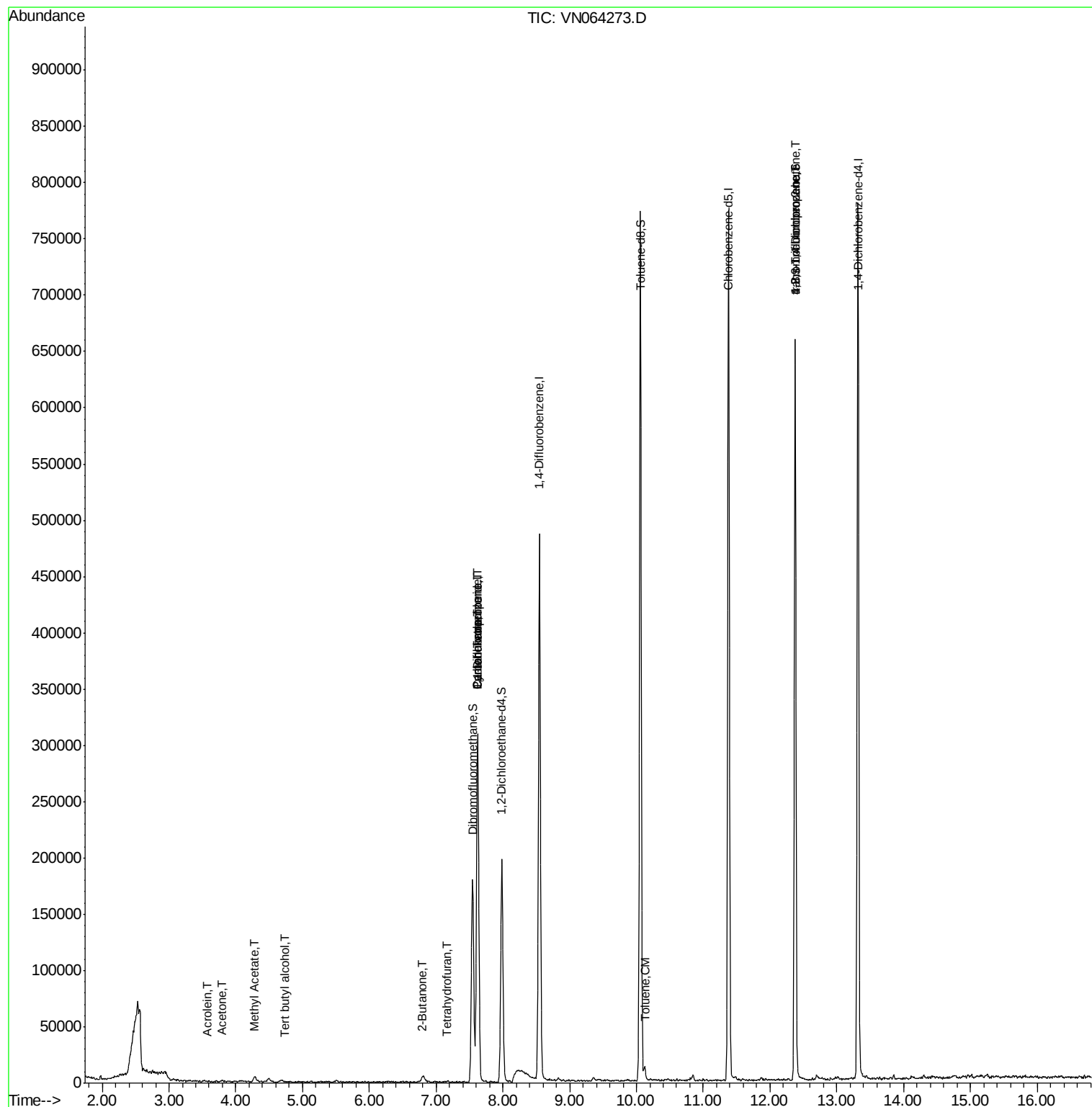
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	153	0.332	ug/l #	70
13) Acrolein	3.58	56	67	0.232	ug/l #	15
16) Acetone	3.80	43	1797	1.825	ug/l #	88
18) Methyl Acetate	4.28	43	9378	3.737	ug/l #	93
25) 2-Butanone	6.80	43	1592	1.018	ug/l #	51
29) Tetrahydrofuran	7.16	42	317	0.339	ug/l #	38
31) Cyclohexane	7.62	56	5951	1.459	ug/l #	1
36) 1,1-Dichloropropene	7.61	75	19630	4.815	ug/l #	45
38) Carbon Tetrachloride	7.62	117	26849	5.789	ug/l #	15
52) Toluene	10.12	92	4140	0.575	ug/l	78
76) 1,2,3-Trichloropropane	12.38	75	124228	30.136	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	124228	76.085	ug/l #	9

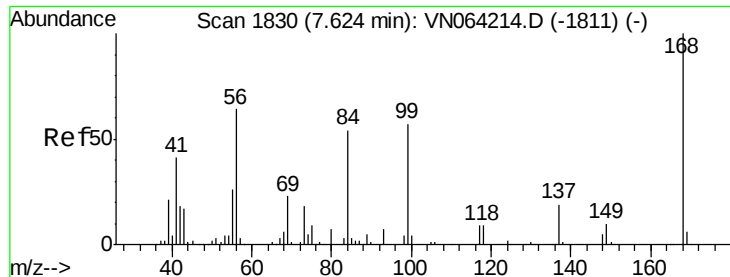
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN102220\
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Quant Time: Oct 23 02:06:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 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: VN064273.D

Acq: 23 Oct 2020 00:24

Instrument :

MSVOA_N

ClientSampled :

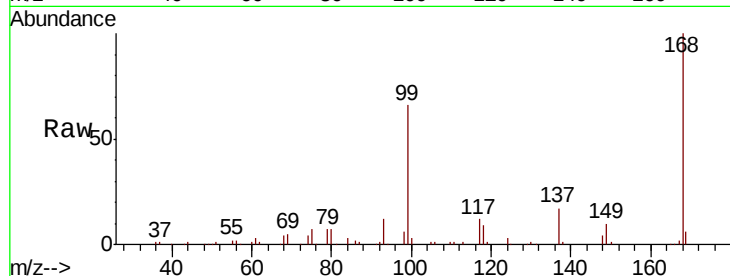
34B

Tot Ion:168 Resp: 231757

Ion Ratio Lower Upper

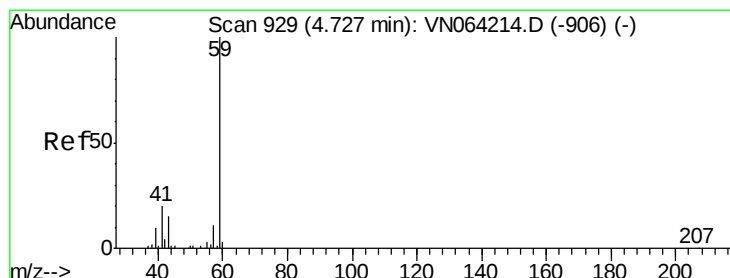
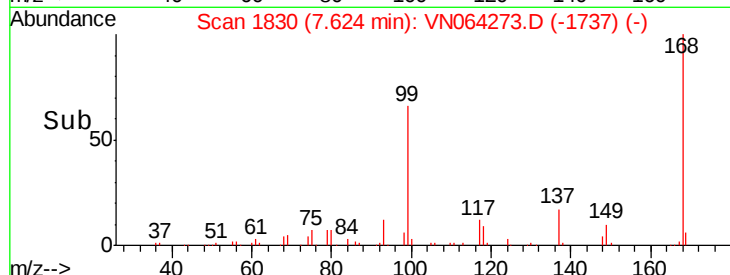
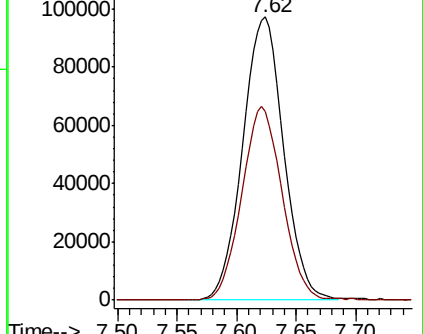
168 100

99 66.5 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 0.332 ug/l

RT: 4.73 min Scan# 931

Delta R.T. 0.01 min

Lab File: VN064273.D

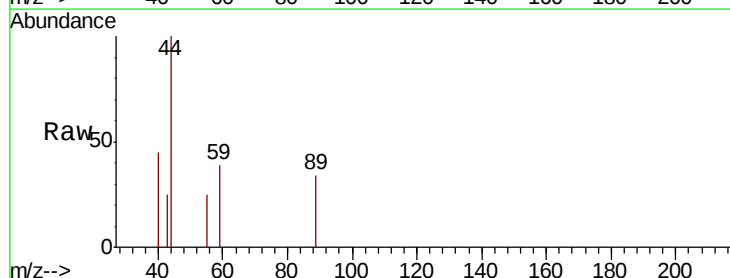
Acq: 23 Oct 2020 00:24

Tgt Ion: 59 Resp: 153

Ion Ratio Lower Upper

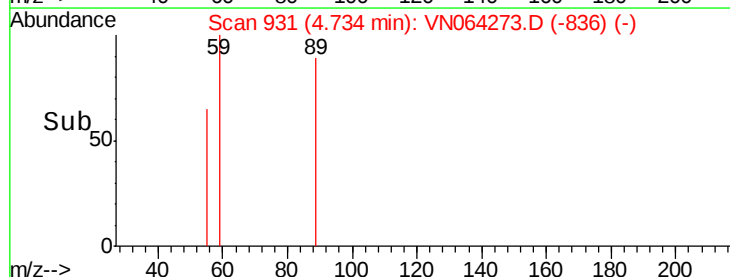
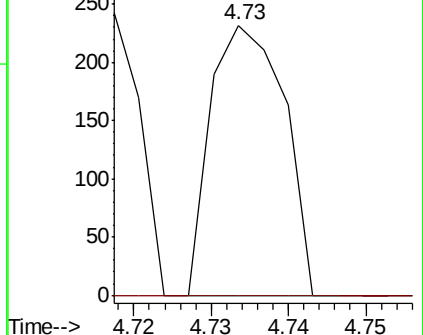
59 100

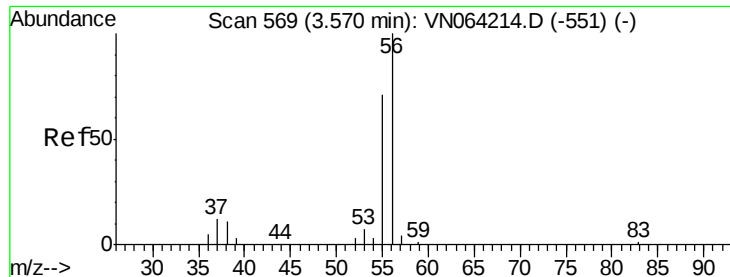
57 0.0 9.2 13.8#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#13

Acrolein

Concen: 0.232 ug/l

RT: 3.58 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN064273.D

Acq: 23 Oct 2020 00:24

Instrument :

MSVOA_N

ClientSampled :

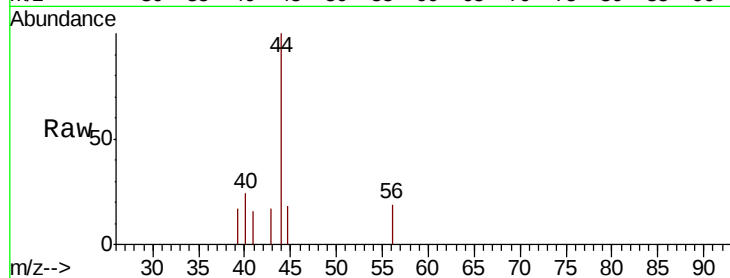
34B

Tot Ion: 56 Resp: 67

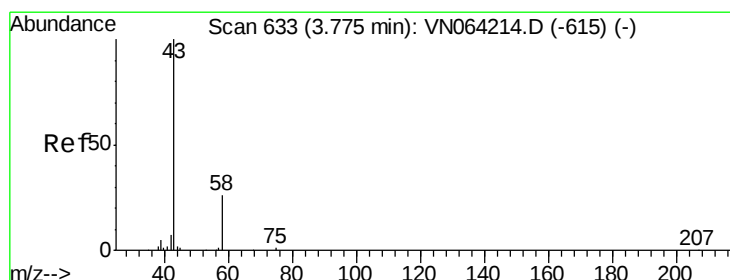
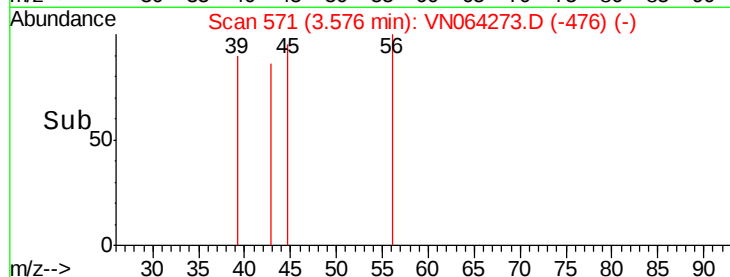
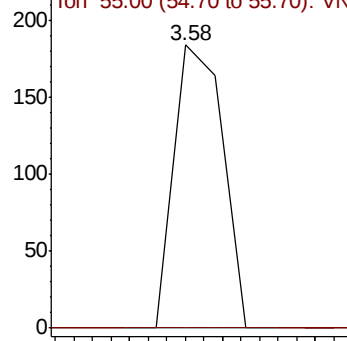
Ion Ratio Lower Upper

56 100

55 0.0 56.1 84.1#



Abundance Ion 56.00 (55.70 to 56.70): VN064273.D (-551) (-)



#16

Acetone

Concen: 1.825 ug/l

RT: 3.80 min Scan# 640

Delta R.T. 0.02 min

Lab File: VN064273.D

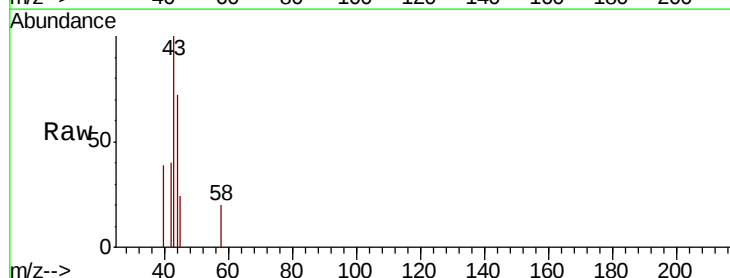
Acq: 23 Oct 2020 00:24

Tgt Ion: 43 Resp: 1797

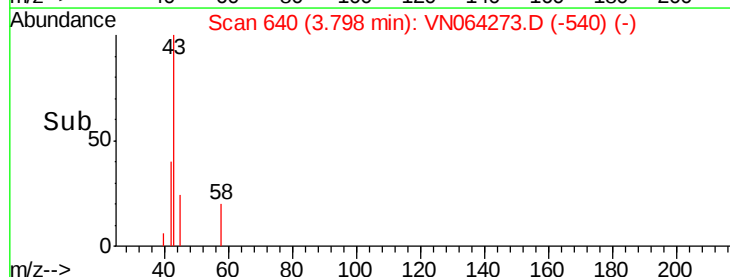
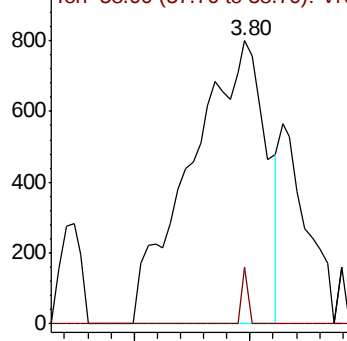
Ion Ratio Lower Upper

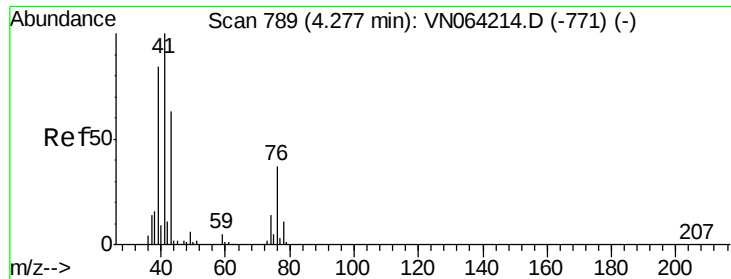
43 100

58 20.3 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VN064273.D (-540) (-)

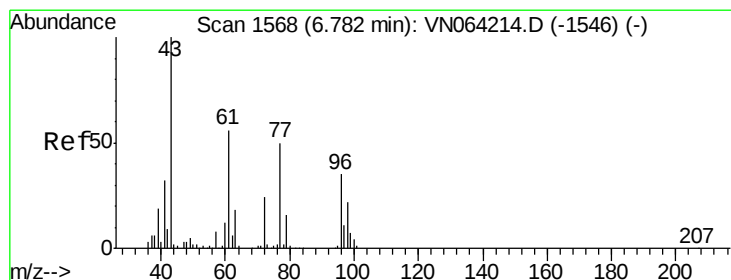
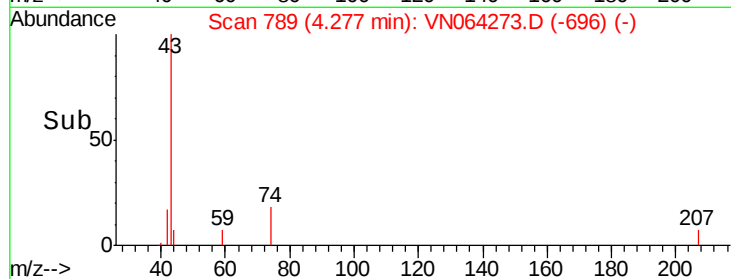
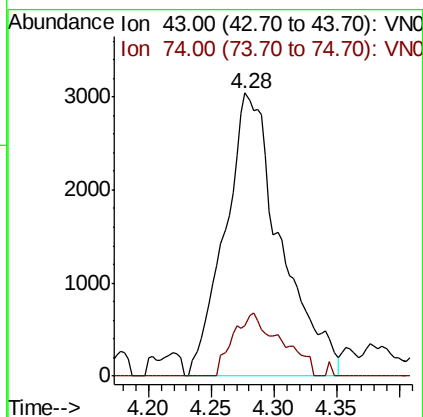
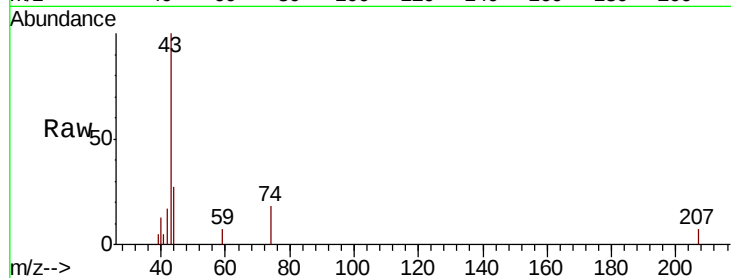




#18
Methvl Acetate
Concen: 3.737 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064273.D
Acq: 23 Oct 2020 00:24

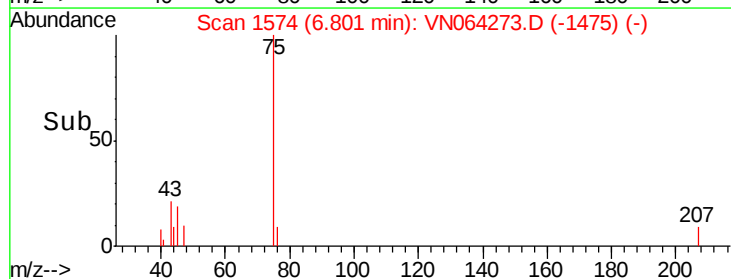
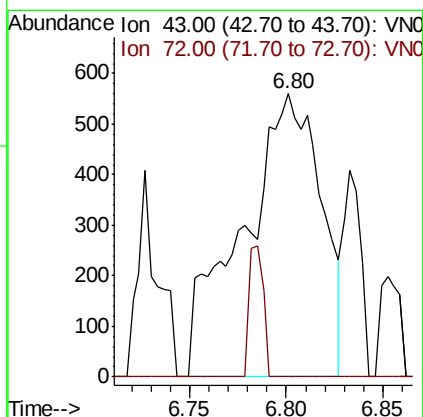
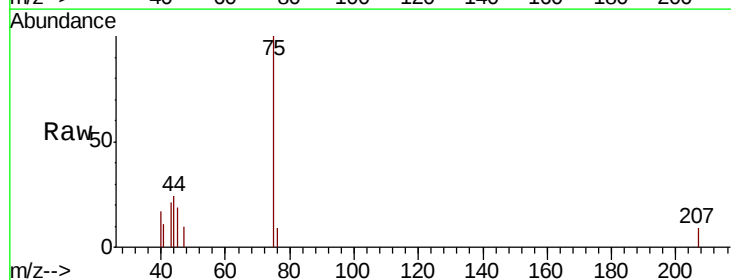
Instrument :
MSVOA_N
ClientSampleId :
34B

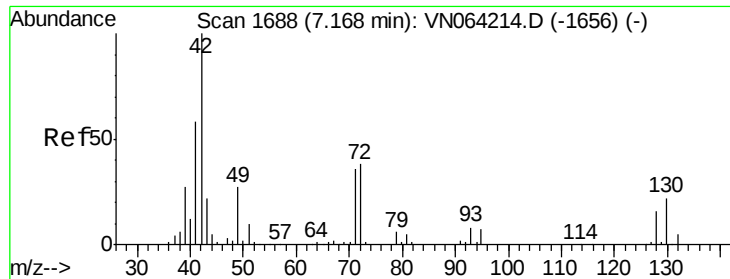
Tot Ion: 43 Resp: 9378
Ion Ratio Lower Upper
43 100
74 19.1 17.9 26.9



#25
2-Butanone
Concen: 1.018 ug/l
RT: 6.80 min Scan# 1574
Delta R.T. 0.02 min
Lab File: VN064273.D
Acq: 23 Oct 2020 00:24

Tgt Ion: 43 Resp: 1592
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.0#





#29

Tetrahydrofuran

Concen: 0.339 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN064273.D

Acq: 23 Oct 2020 00:24

Instrument :

MSVOA_N

ClientSampleId :

34B

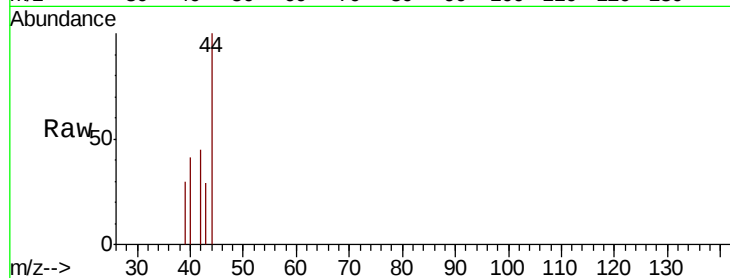
Tot Ion: 42 Resp: 317

Ion Ratio Lower Upper

42 100

72 0.0 30.8 46.2#

71 0.0 29.0 43.6#



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

7.16

300

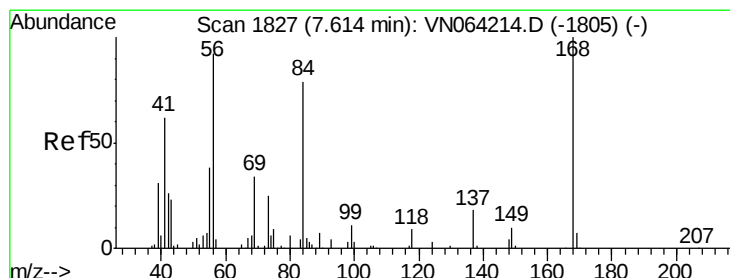
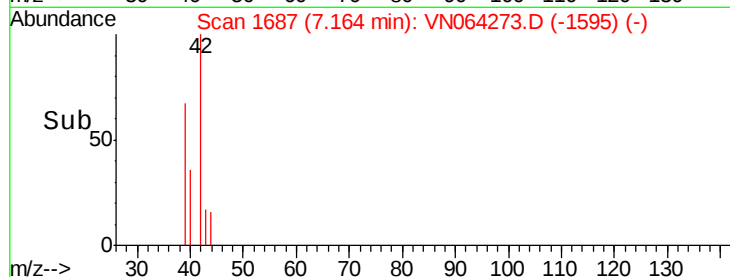
200

100

0

7.15 7.16 7.17 7.18

Time-->



#31

Cyclohexane

Concen: 1.459 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN064273.D

Acq: 23 Oct 2020 00:24

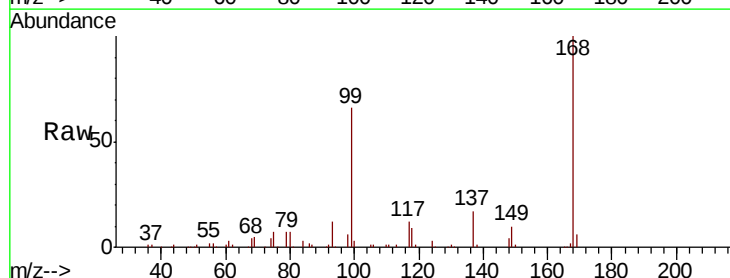
Tgt Ion: 56 Resp: 5951

Ion Ratio Lower Upper

56 100

69 195.6 29.8 44.6#

84 113.5 68.1 102.1#



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

7.62

6000

5000

4000

3000

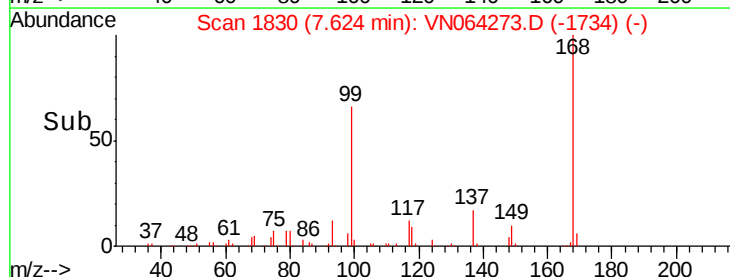
2000

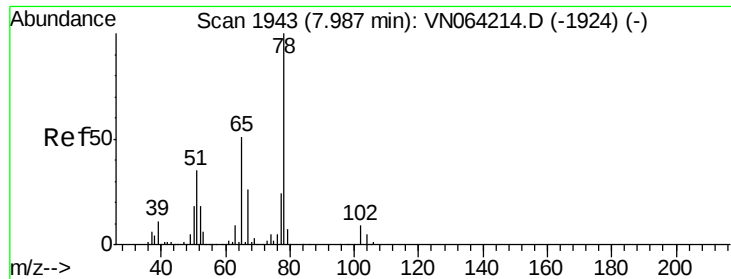
1000

0

7.55 7.60 7.65 7.70

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.180 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064273.D

Acq: 23 Oct 2020 00:24

Instrument :

MSVOA_N

ClientSampleId :

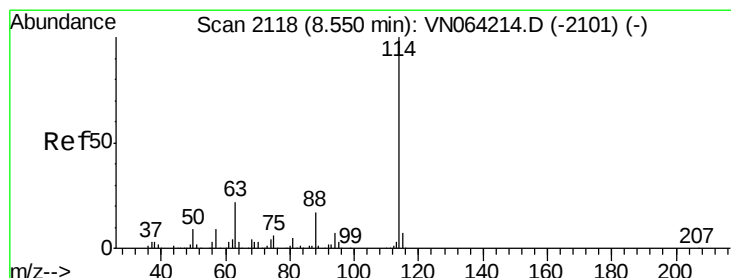
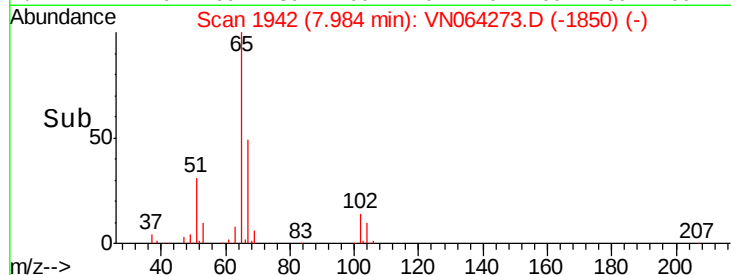
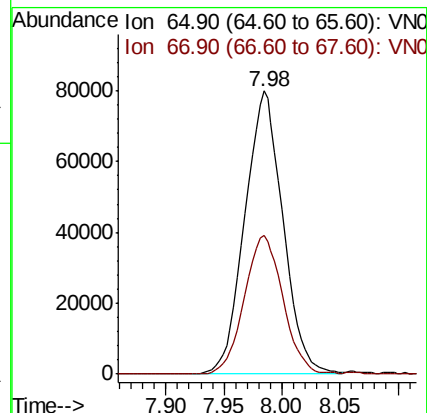
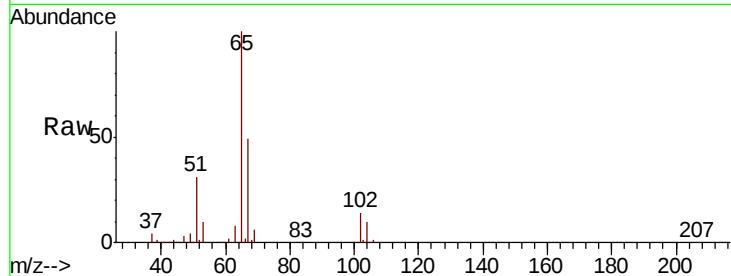
34B

Tot Ion: 65 Resp: 183032

Ion Ratio Lower Upper

65 100

67 49.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064273.D

Acq: 23 Oct 2020 00:24

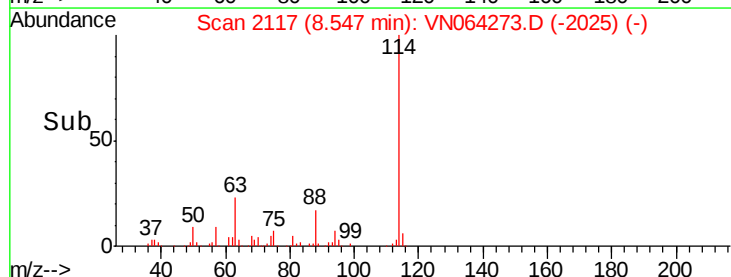
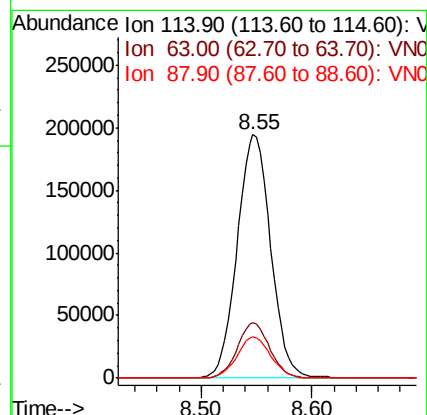
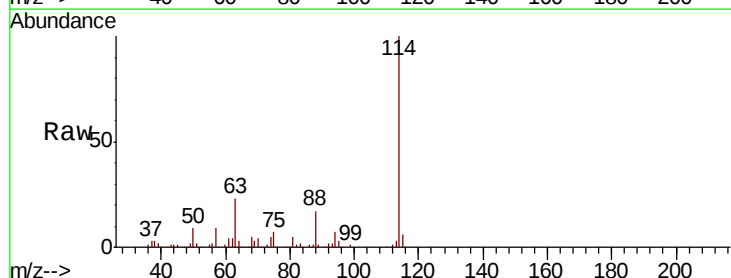
Tgt Ion: 114 Resp: 408894

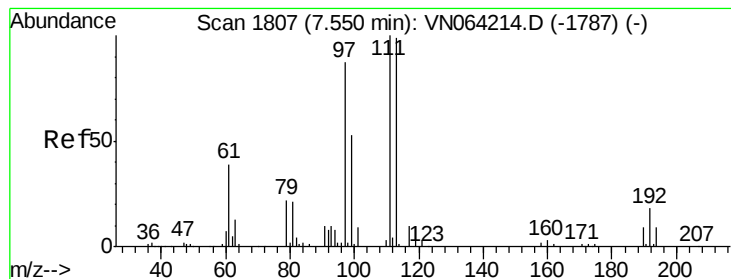
Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.0

88 16.8 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.792 ug/l

RT: 7.54 min Scan# 1805

Delta R.T. -0.01 min

Lab File: VN064273.D

Acq: 23 Oct 2020 00:24

Instrument :

MSVOA_N

ClientSampled :

34B

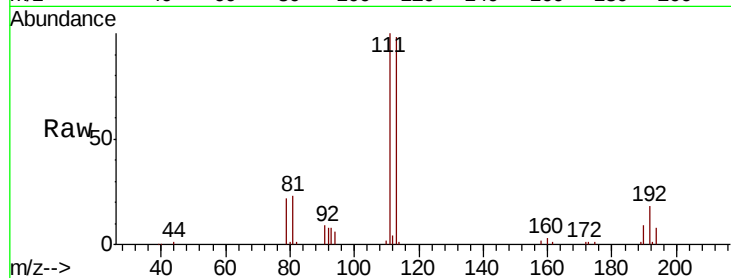
Tot Ion:113 Resp: 135361

Ion Ratio Lower Upper

113 100

111 101.8 84.2 126.2

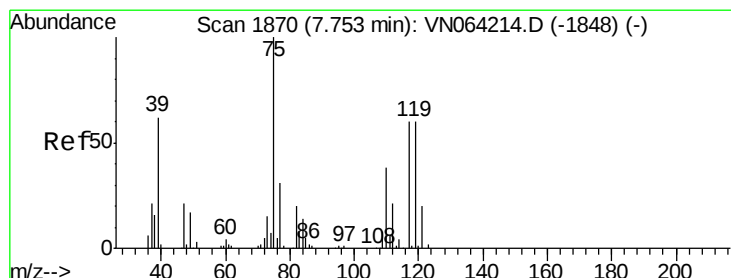
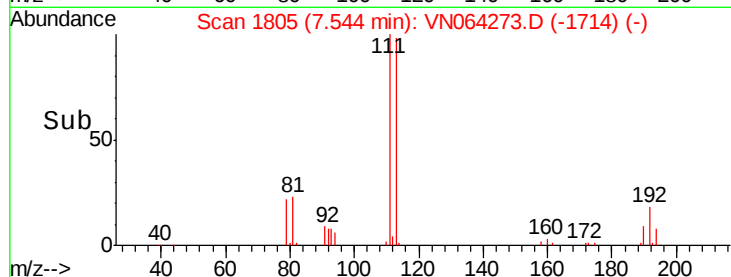
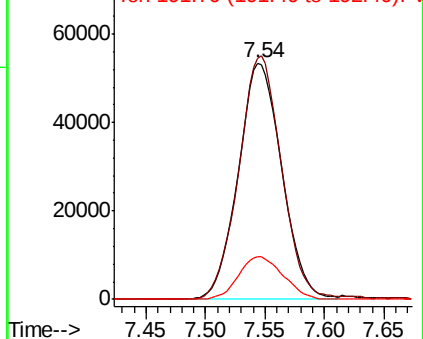
192 18.4 15.2 22.8



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: 4.815 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.14 min

Lab File: VN064273.D

Acq: 23 Oct 2020 00:24

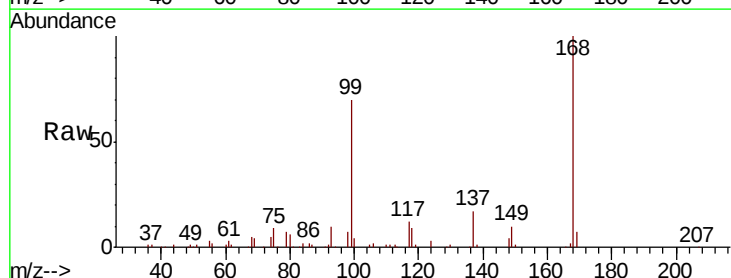
Tgt Ion: 75 Resp: 19630

Ion Ratio Lower Upper

75 100

110 4.0 17.2 51.6#

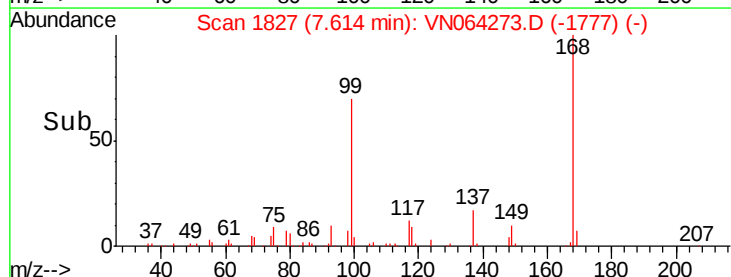
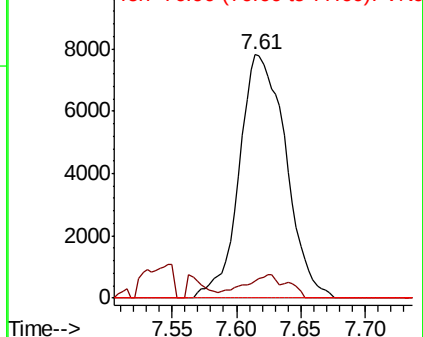
77 0.0 24.9 37.3#

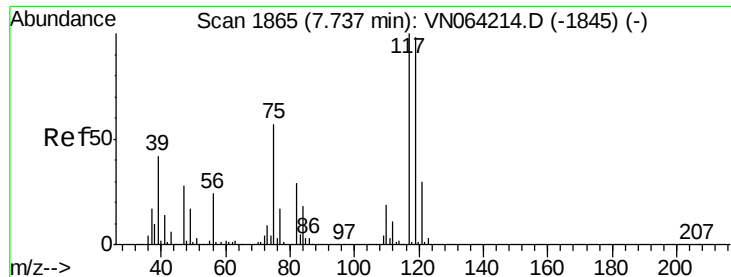


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0





#38

Carbon Tetrachloride

Concen: 5.789 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.12 min

Lab File: VN064273.D

Acq: 23 Oct 2020 00:24

Instrument :

MSVOA_N

ClientSampled :

34B

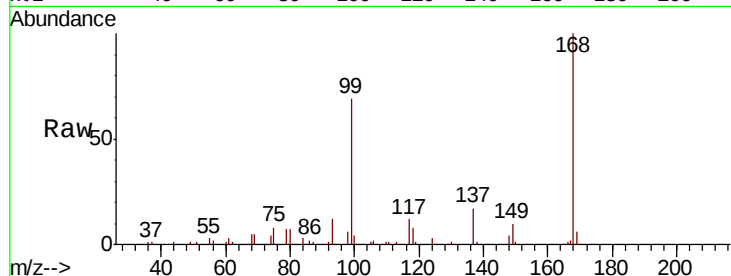
Tot Ion:117 Resp: 26849

Ion Ratio Lower Upper

117 100

119 4.6 78.5 117.7#

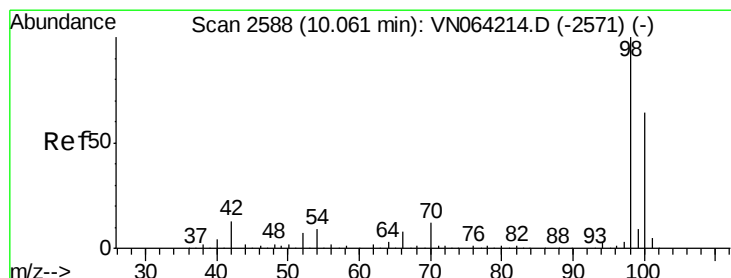
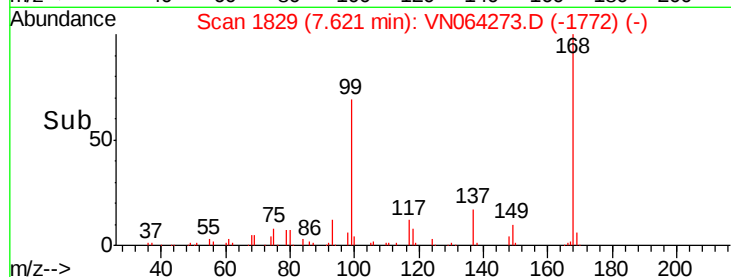
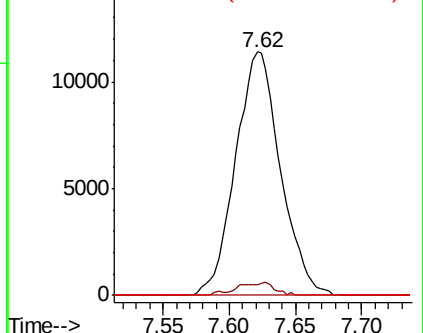
121 0.0 24.3 36.5#



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



#50

Toluene-d8

Concen: 52.431 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064273.D

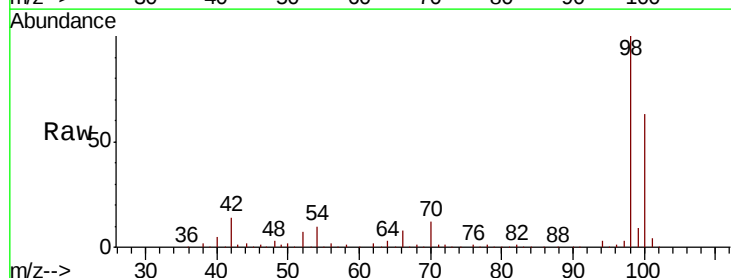
Acq: 23 Oct 2020 00:24

Tgt Ion: 98 Resp: 517044

Ion Ratio Lower Upper

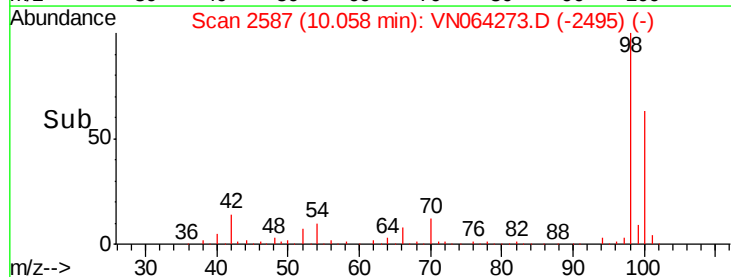
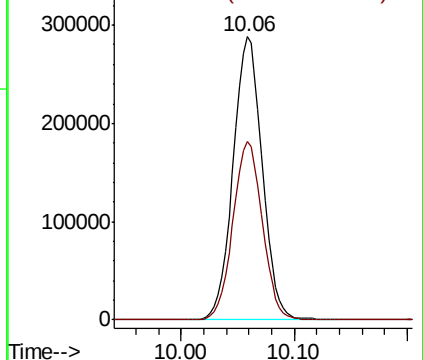
98 100

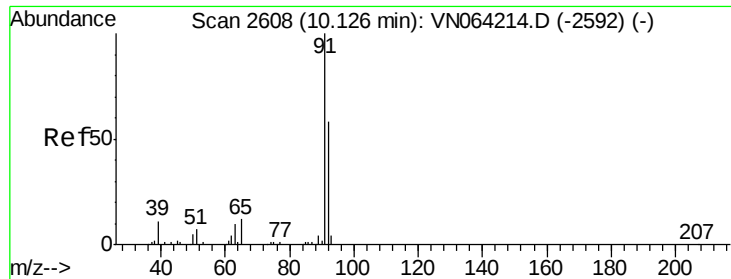
100 63.7 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#52

Toluene

Concen: 0.575 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064273.D

Acq: 23 Oct 2020 00:24

Instrument :

MSVOA_N

ClientSampled :

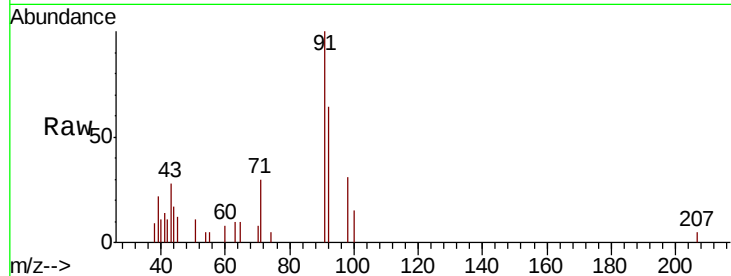
34B

Tot Ion: 92 Resp: 4140

Ion Ratio Lower Upper

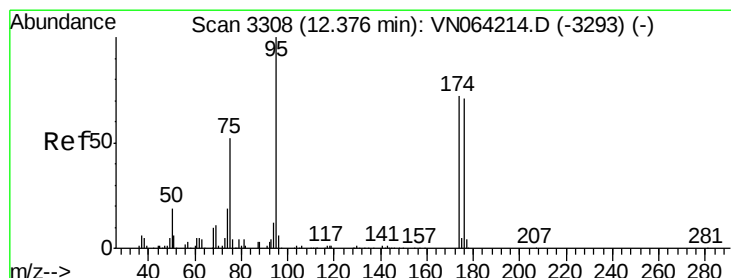
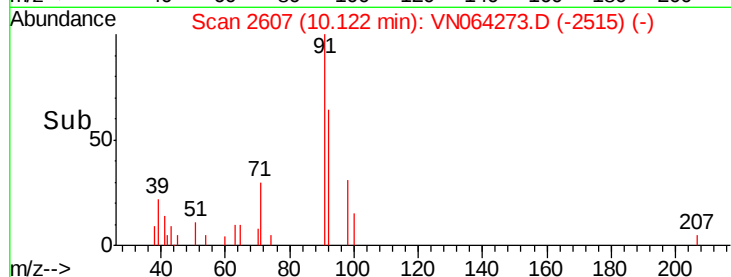
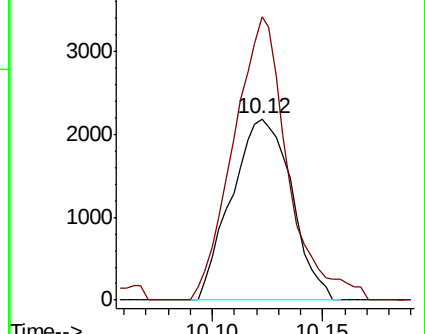
92 100

91 141.8 137.4 206.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 56.741 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064273.D

Acq: 23 Oct 2020 00:24

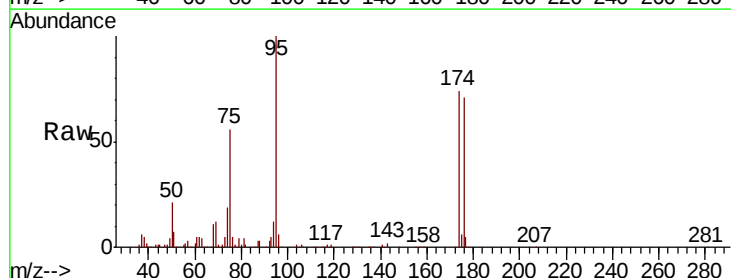
Tgt Ion: 95 Resp: 226837

Ion Ratio Lower Upper

95 100

174 73.1 0.0 144.4

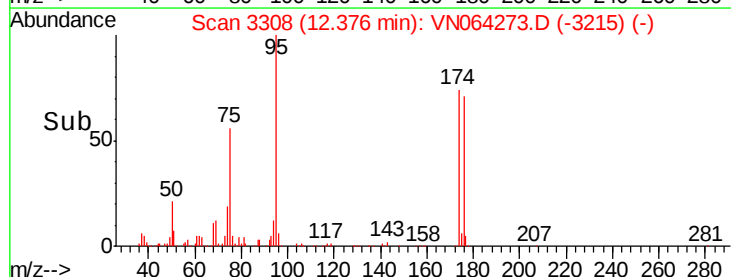
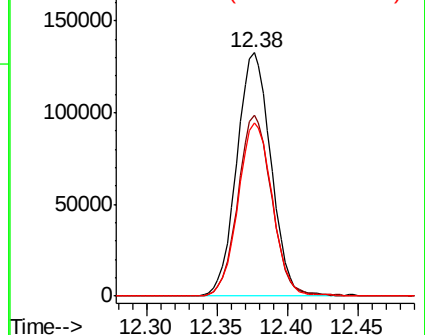
176 71.1 0.0 139.2

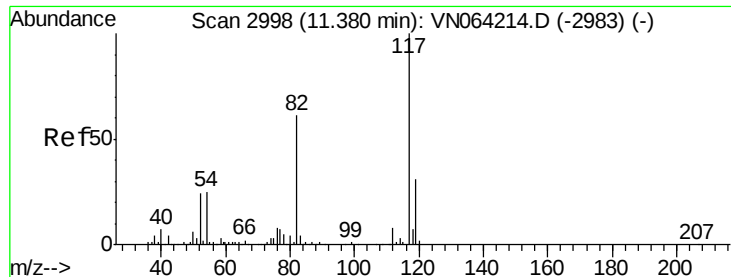


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

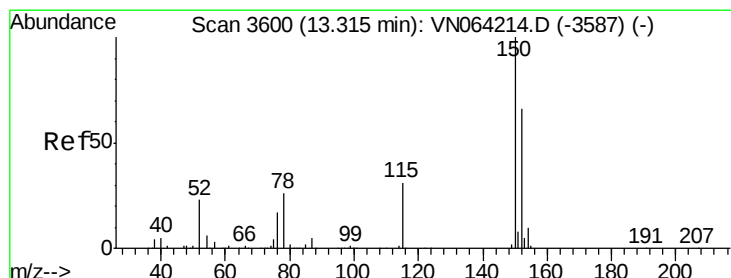
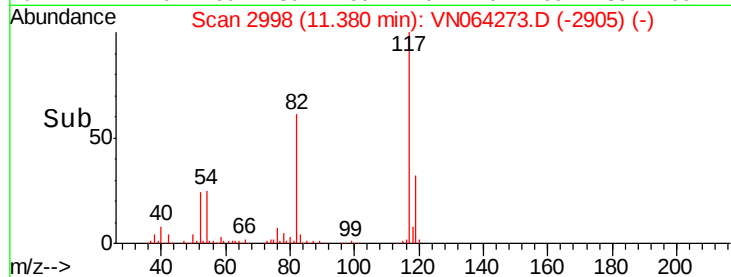
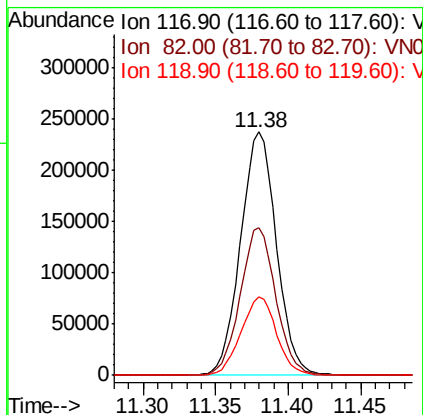
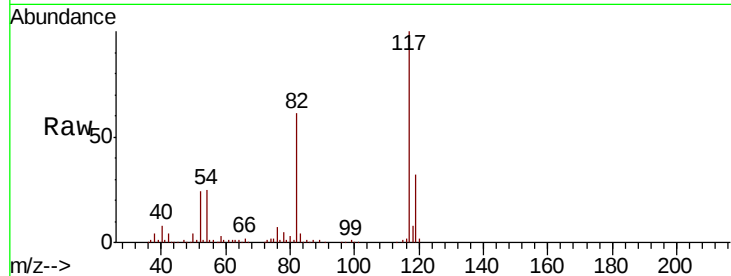




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064273.D
Acq: 23 Oct 2020 00:24

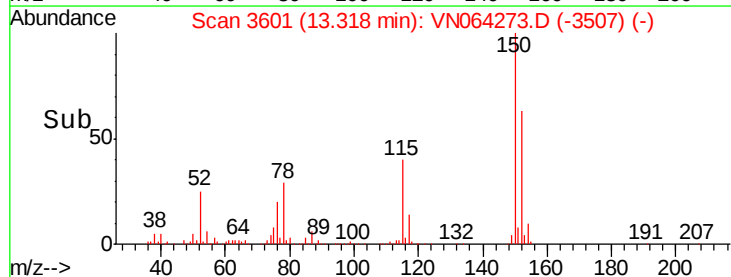
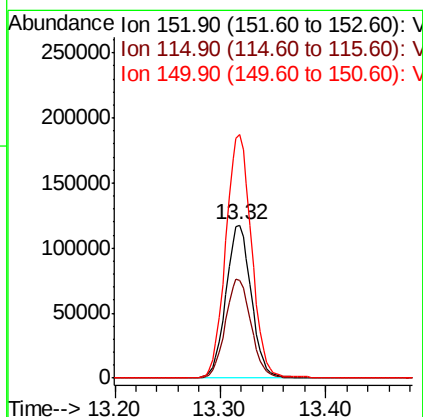
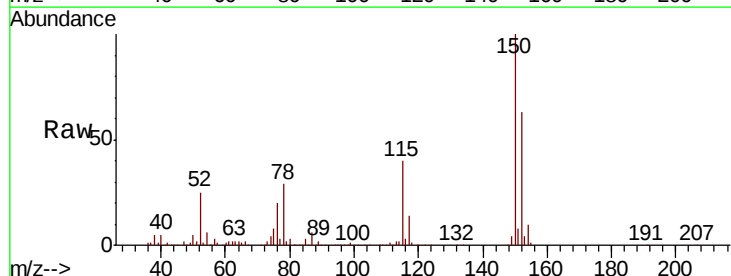
Instrument :
MSVOA_N
ClientSampled :
34B

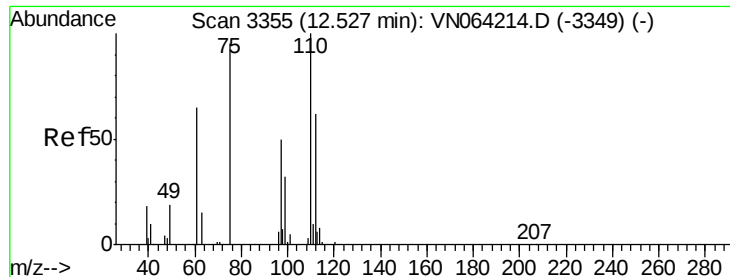
Tot Ion:117 Resp: 409025
Ion Ratio Lower Upper
117 100
82 60.8 48.8 73.2
119 32.0 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064273.D
Acq: 23 Oct 2020 00:24

Tgt Ion:152 Resp: 195536
Ion Ratio Lower Upper
152 100
115 65.3 32.0 96.2
150 161.5 0.0 356.6





#76

1,2,3-Trichloropropane

Concen: 30.136 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064273.D

Acq: 23 Oct 2020 00:24

Instrument :

MSVOA_N

ClientSampleId :

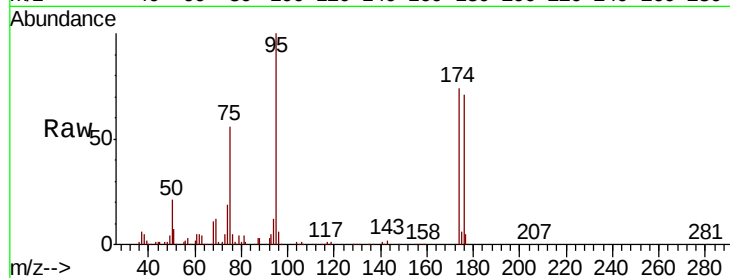
34B

Tot Ion: 75 Resp: 124228

Ion Ratio Lower Upper

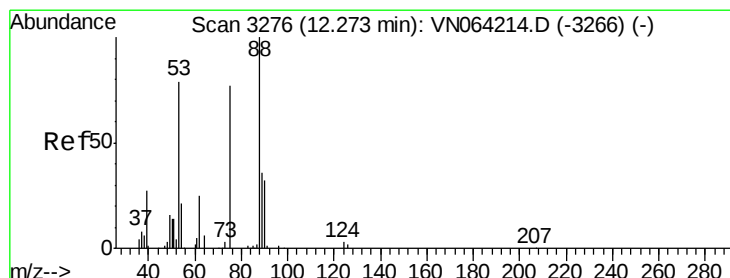
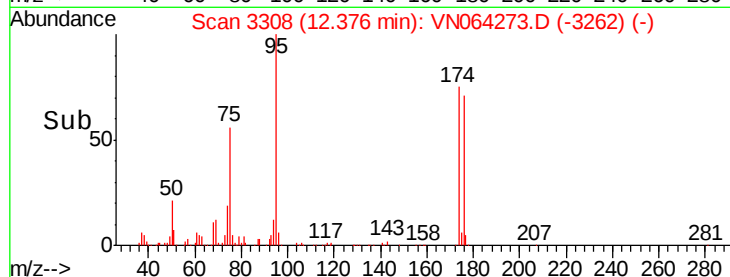
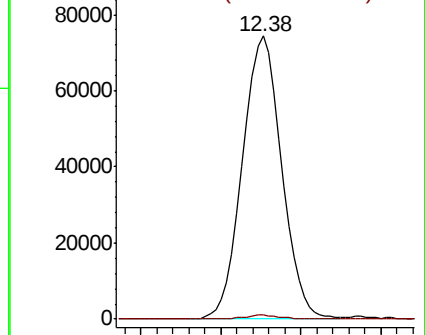
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 76.085 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064273.D

Acq: 23 Oct 2020 00:24

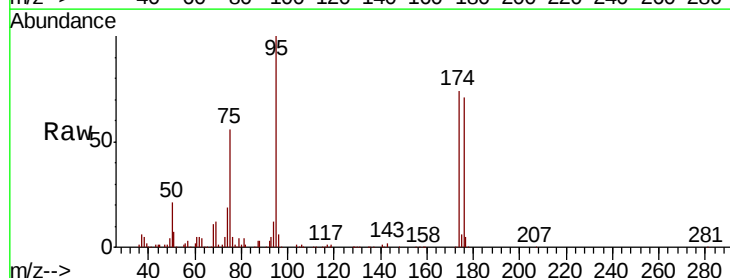
Tgt Ion: 75 Resp: 124228

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.4#

89 0.0 38.7 58.1#



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

