

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102320\
 Data File : VN064296.D
 Acq On : 23 Oct 2020 19:41
 Operator : JC/MD
 Sample : VN1023WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBL02

Quant Time: Oct 26 02:31:04 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	7.63	168	241662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	429064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	428326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	199519	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	195355	54.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.86%	
35) Dibromofluoromethane	7.55	113	144182	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
50) Toluene-d8	10.06	98	542319	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
62) 4-Bromofluorobenzene	12.38	95	233253	55.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.20%	

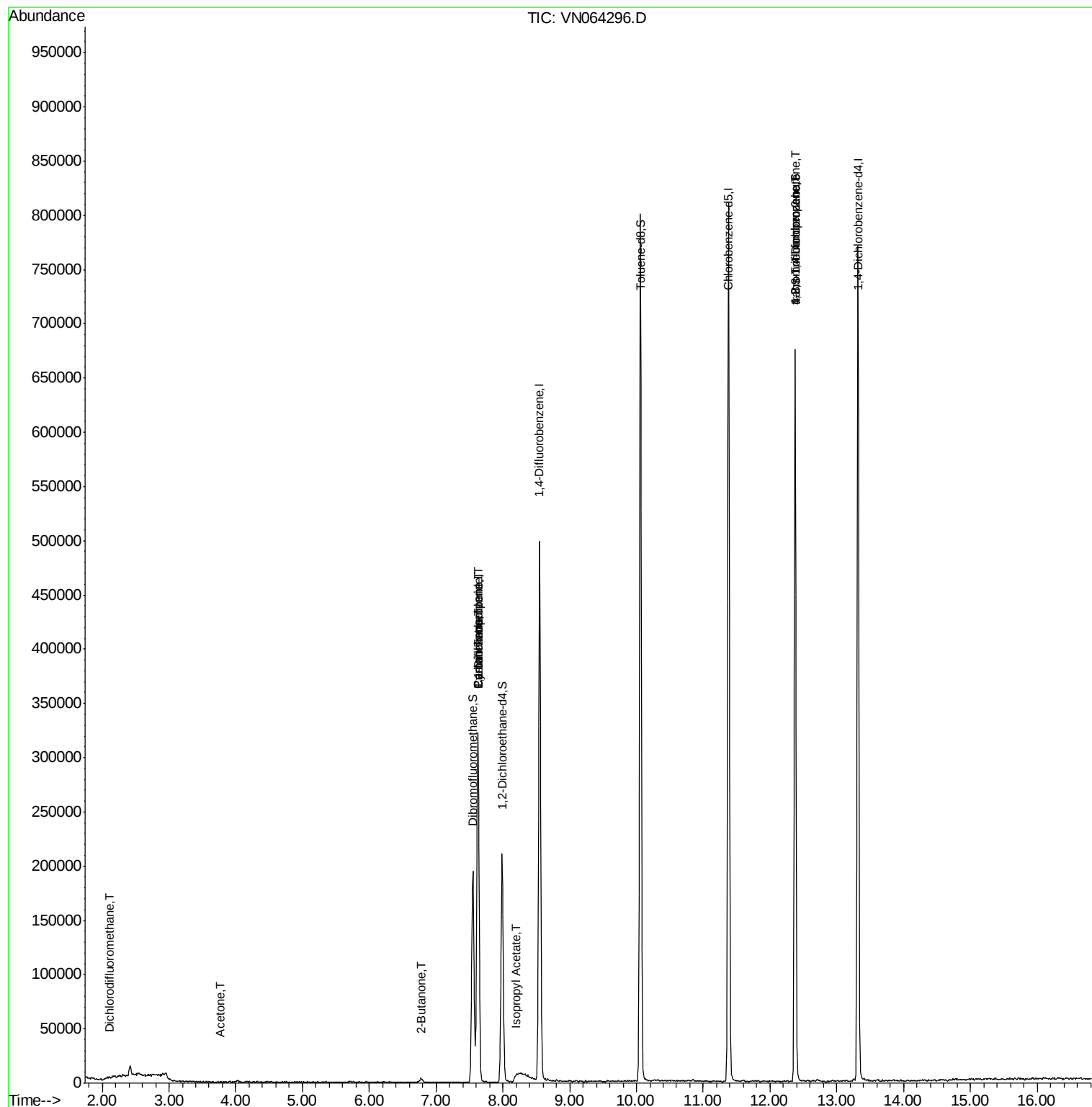
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.09	85	69	0.809	ug/l #	41
16) Acetone	3.78	43	316	0.308	ug/l #	49
25) 2-Butanone	6.78	43	340	0.208	ug/l #	51
31) Cyclohexane	7.62	56	6484	1.524	ug/l #	28
36) 1,1-Dichloropropene	7.63	75	21207	4.958	ug/l #	48
38) Carbon Tetrachloride	7.62	117	27803	5.713	ug/l #	14
43) Isopropyl Acetate	8.21	43	8307	1.148	ug/l #	57
76) 1,2,3-Trichloropropane	12.38	75	128039	30.441	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	128039	76.854	ug/l #	9

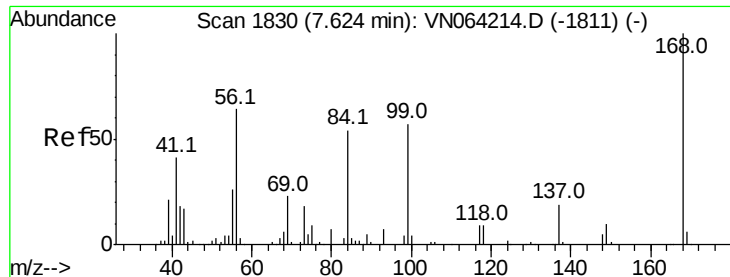
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 26 02:31:04 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: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064296.D

Acq: 23 Oct 2020 19:41

Instrument :

MSVOA_N

ClientSampleId :

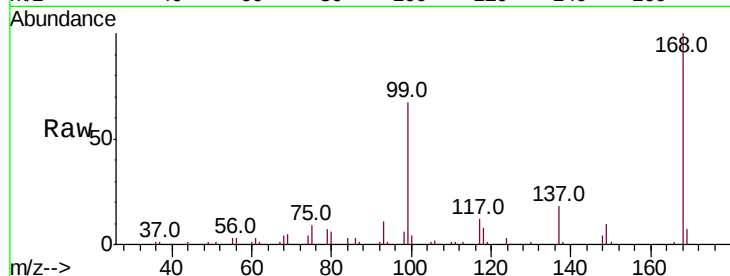
VN1023WBL02

Tot Ion:168 Resp: 241662

Ion Ratio Lower Upper

168 100

99 67.1 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

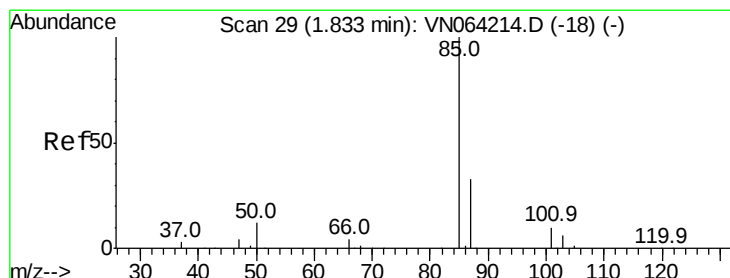
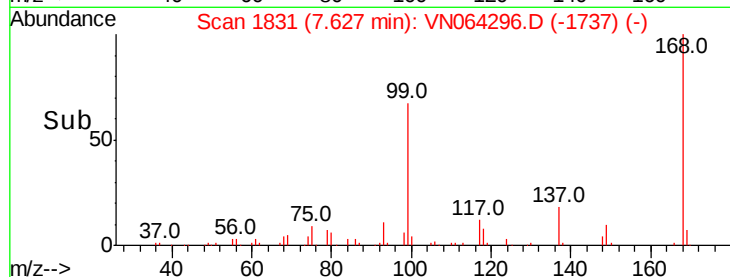
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 0.809 ug/l

RT: 2.09 min Scan# 110

Delta R.T. 0.26 min

Lab File: VN064296.D

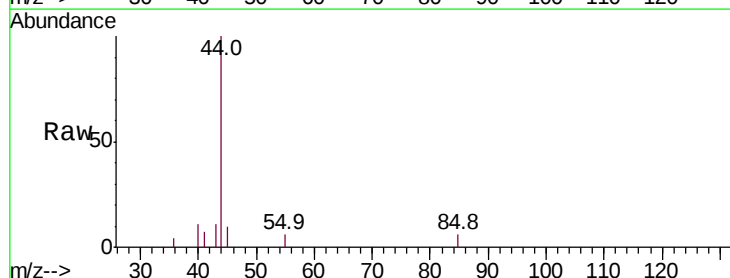
Acq: 23 Oct 2020 19:41

Tgt Ion: 85 Resp: 69

Ion Ratio Lower Upper

85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

2.09

200

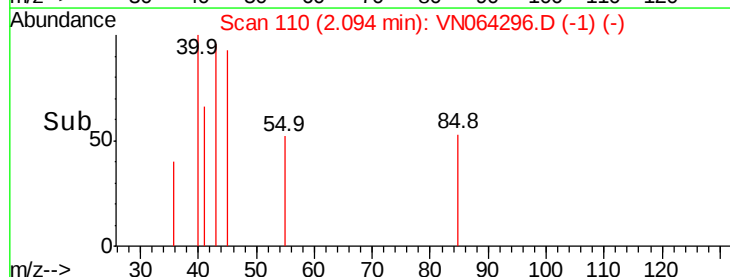
150

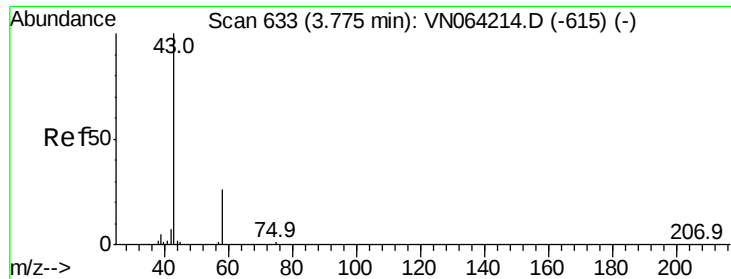
100

50

0

Time--> 2.08 2.09 2.10





#16

Acetone

Concen: 0.308 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064296.D

Acq: 23 Oct 2020 19:41

Instrument :

MSVOA_N

ClientSampleId :

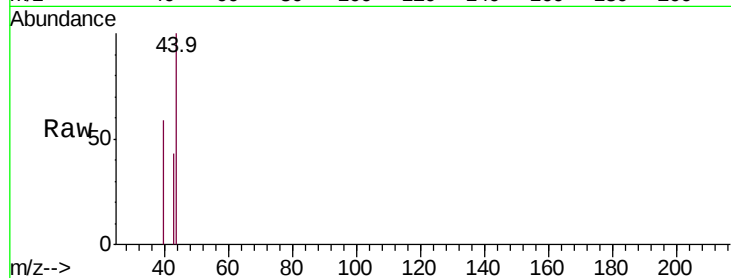
VN1023WBL02

Tot Ion: 43 Resp: 316

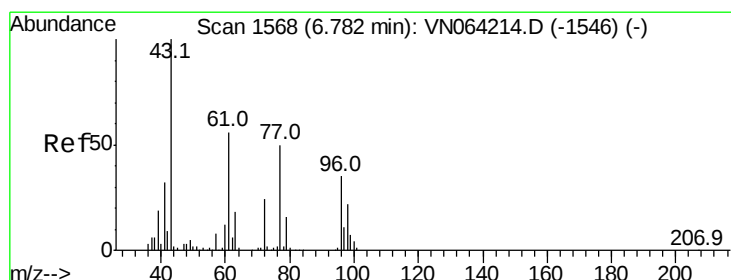
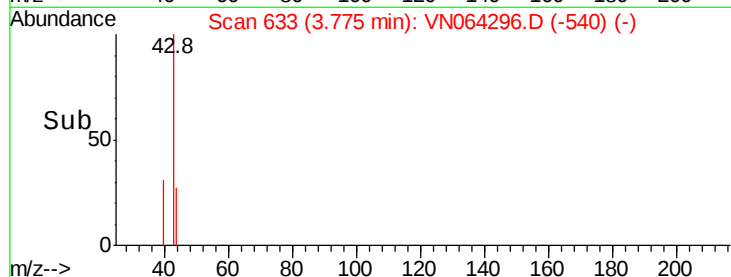
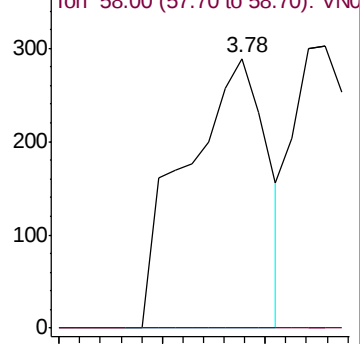
Ion Ratio Lower Upper

43 100

58 0.0 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VN064214.D (-615) (-)



#25

2-Butanone

Concen: 0.208 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VN064296.D

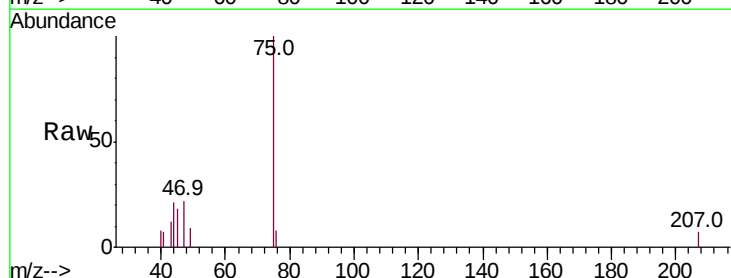
Acq: 23 Oct 2020 19:41

Tgt Ion: 43 Resp: 340

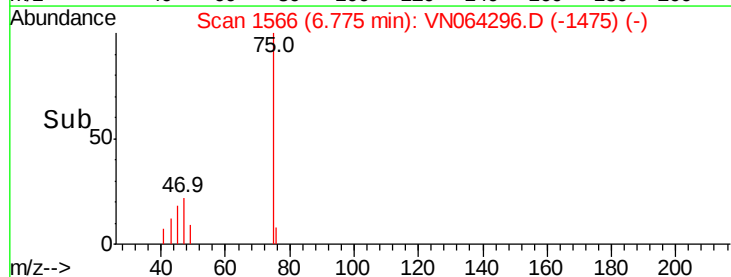
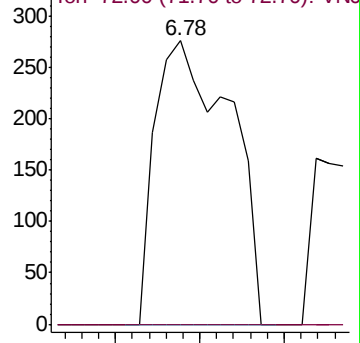
Ion Ratio Lower Upper

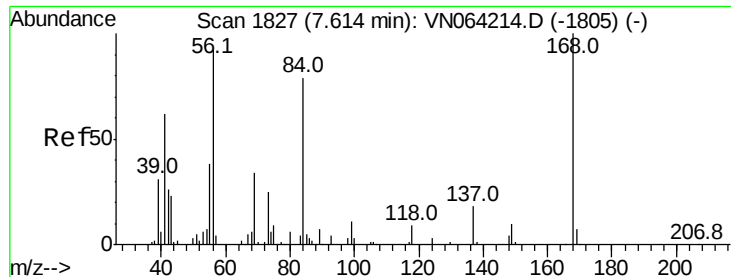
43 100

72 0.0 19.4 29.0#



Abundance Ion 43.00 (42.70 to 43.70): VN064214.D (-1546) (-)





#31

Cyclohexane

Concen: 1.524 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN064296.D

Acq: 23 Oct 2020 19:41

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBL02

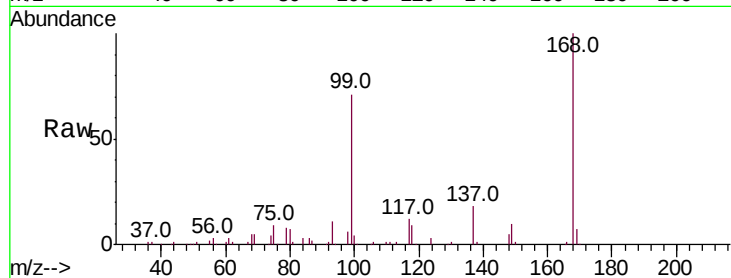
Tot Ion: 56 Resp: 6484

Ion Ratio Lower Upper

56 100

69 161.1 29.8 44.6#

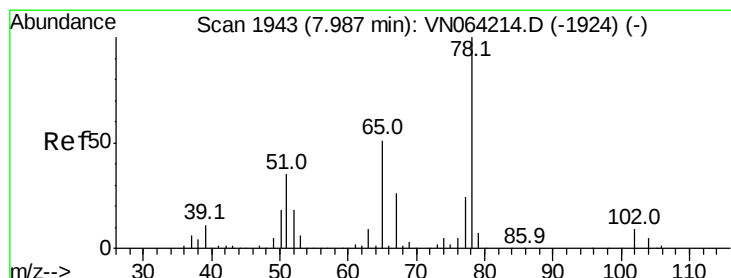
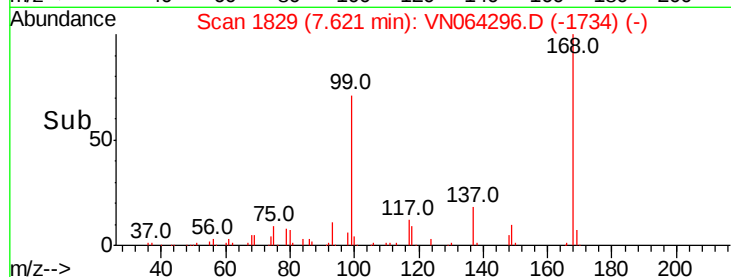
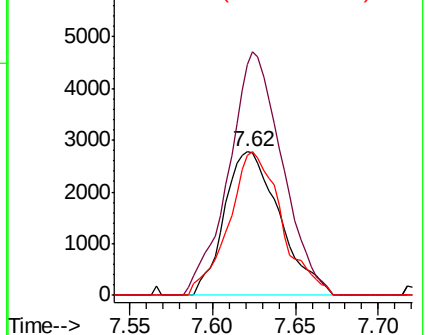
84 97.4 68.1 102.1



Abundance Ion 56.00 (55.70 to 56.70): VN064214.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN064214.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN064214.D (-1805) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.434 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064296.D

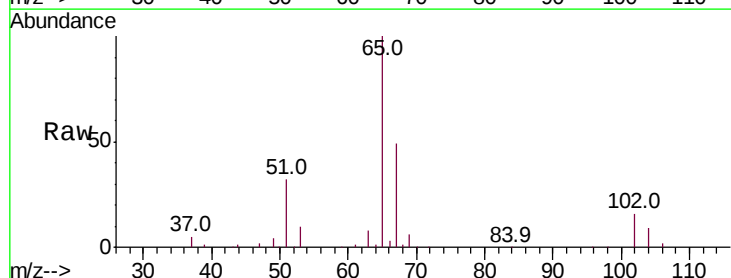
Acq: 23 Oct 2020 19:41

Tgt Ion: 65 Resp: 195355

Ion Ratio Lower Upper

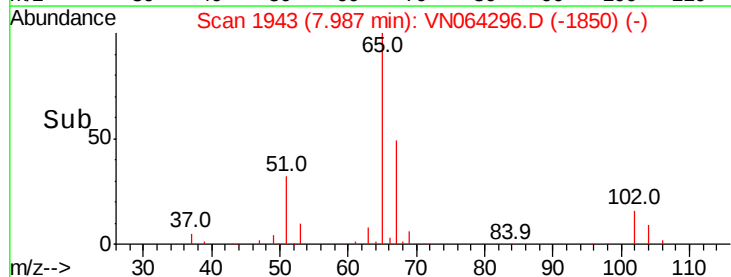
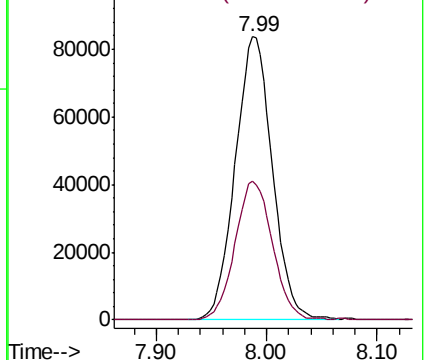
65 100

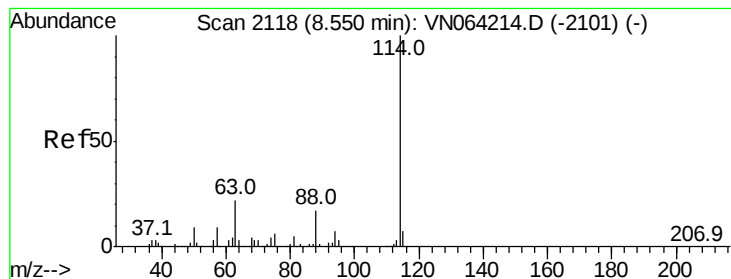
67 49.2 0.0 100.2



Abundance Ion 64.90 (64.60 to 65.60): VN064214.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN064214.D (-1924) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064296.D

Acq: 23 Oct 2020 19:41

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBL02

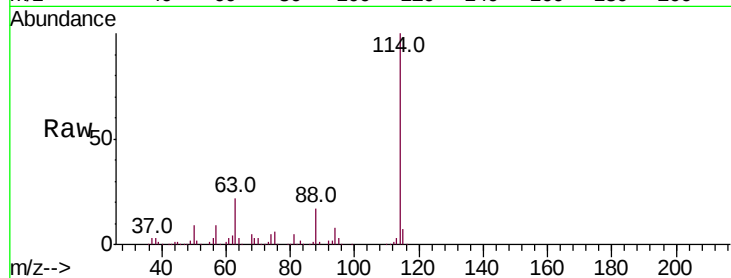
Tot Ion:114 Resp: 429064

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.0

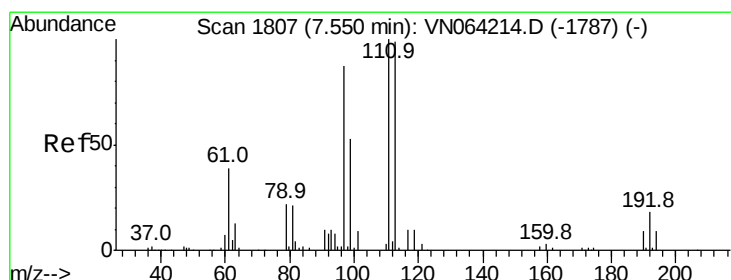
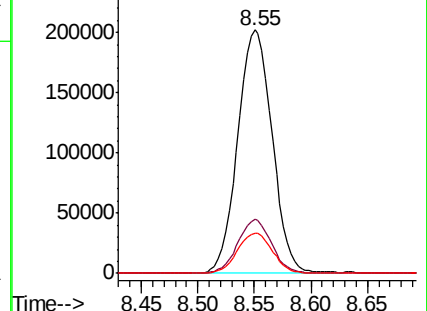
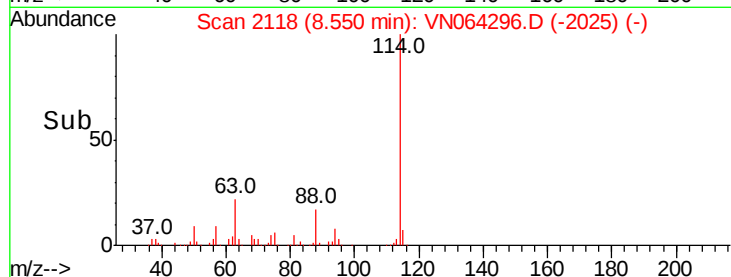
88 16.7 0.0 34.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.544 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064296.D

Acq: 23 Oct 2020 19:41

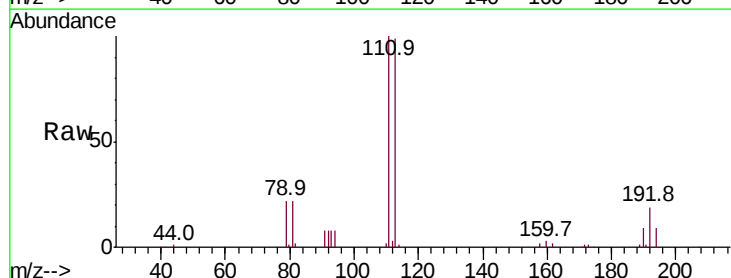
Tgt Ion:113 Resp: 144182

Ion Ratio Lower Upper

113 100

111 102.1 84.2 126.2

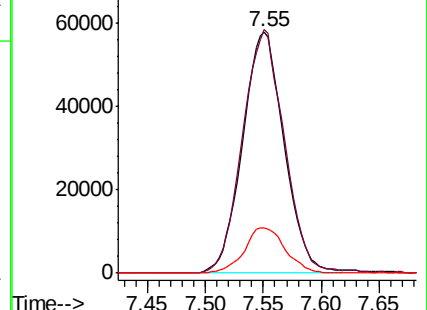
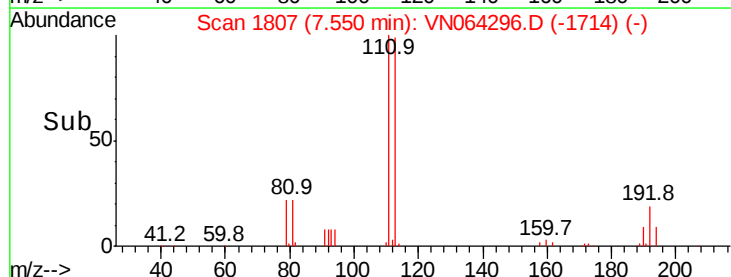
192 18.5 15.2 22.8

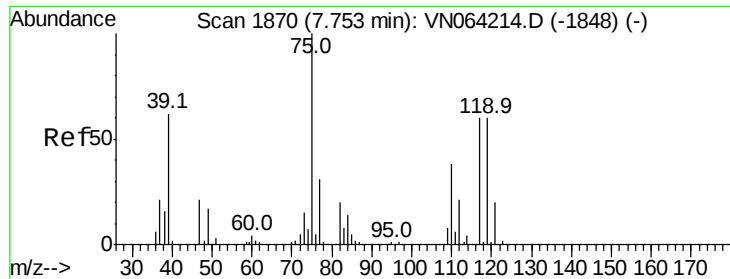


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.958 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN064296.D

Acq: 23 Oct 2020 19:41

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBL02

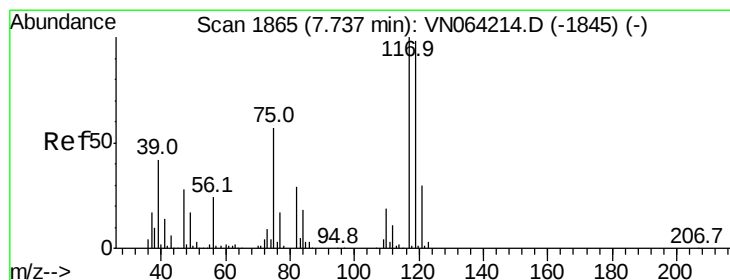
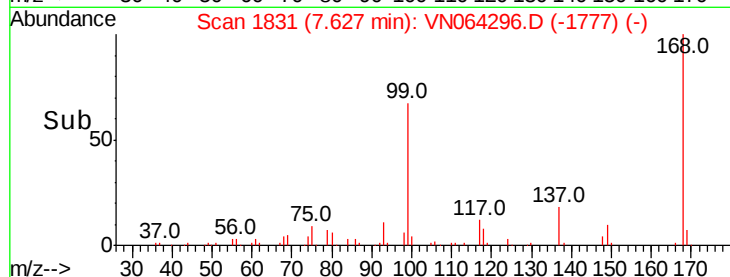
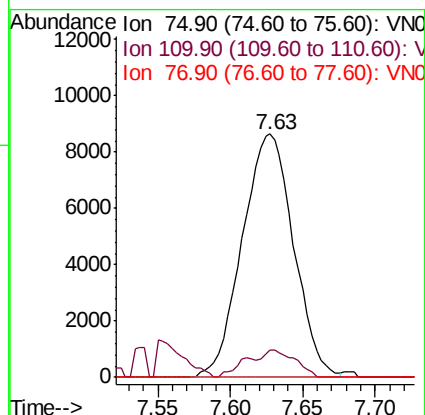
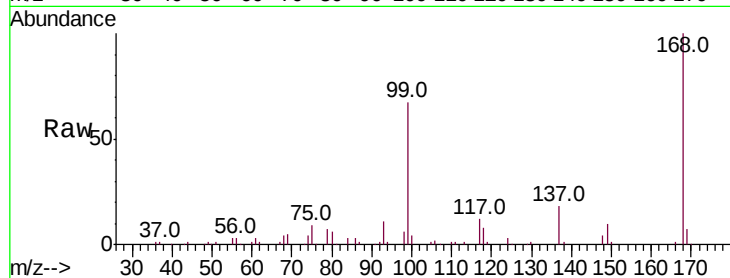
Tot Ion: 75 Resp: 21207

Ion Ratio Lower Upper

75 100

110 7.2 17.2 51.6#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.713 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN064296.D

Acq: 23 Oct 2020 19:41

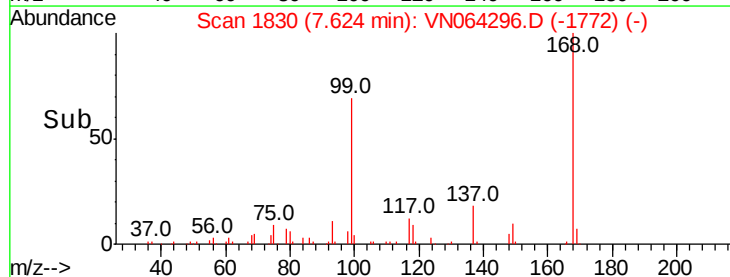
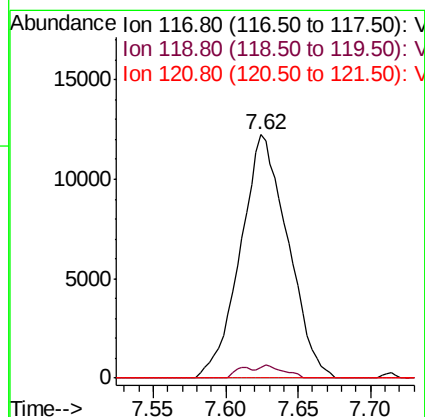
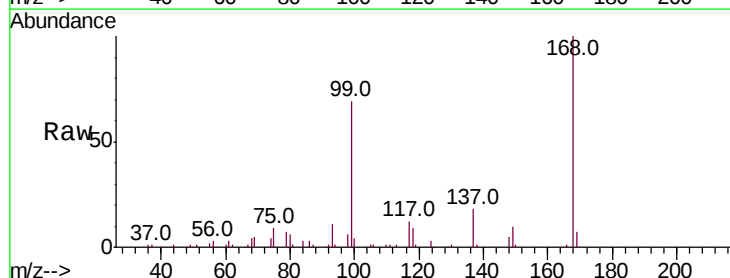
Tgt Ion: 117 Resp: 27803

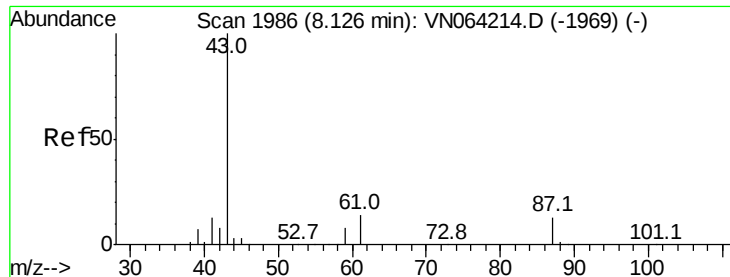
Ion Ratio Lower Upper

117 100

119 4.4 78.5 117.7#

121 0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: 1.148 ug/l

RT: 8.21 min Scan# 2012

Delta R.T. 0.08 min

Lab File: VN064296.D

Acq: 23 Oct 2020 19:41

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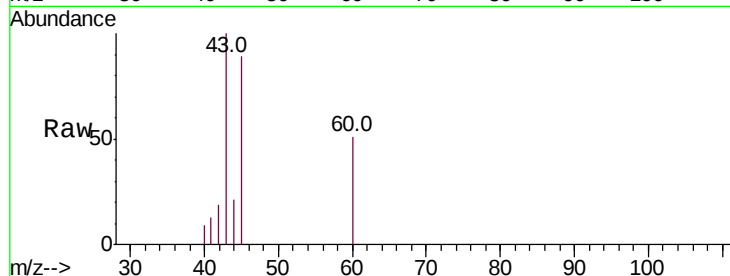
Tot Ion: 43 Resp: 8307

Ion Ratio Lower Upper

43 100

61 0.0 19.6 29.4#

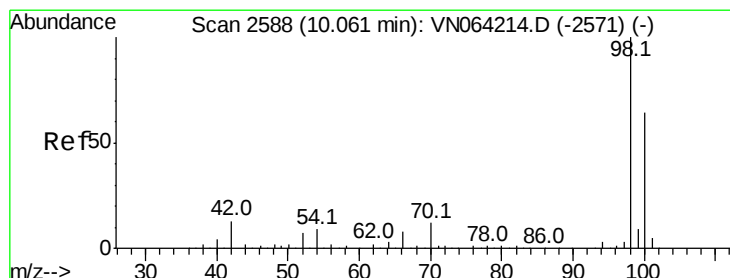
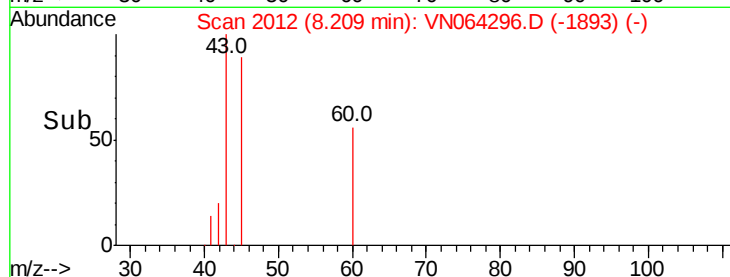
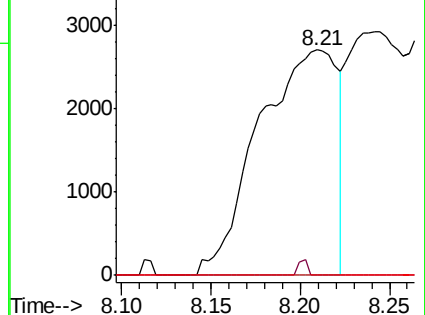
87 0.0 9.8 14.6#



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



#50

Toluene-d8

Concen: 52.408 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064296.D

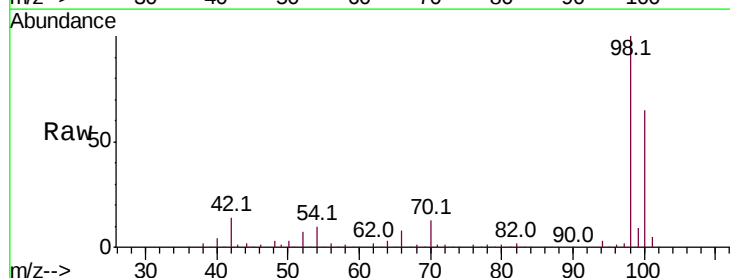
Acq: 23 Oct 2020 19:41

Tgt Ion: 98 Resp: 542319

Ion Ratio Lower Upper

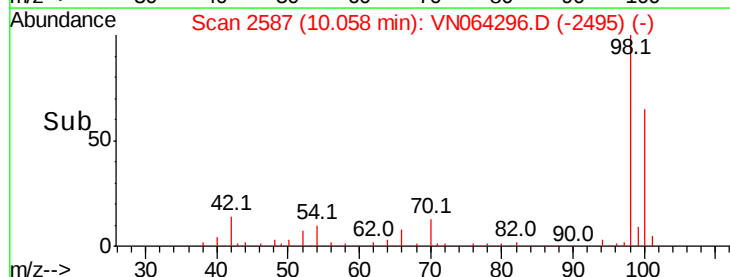
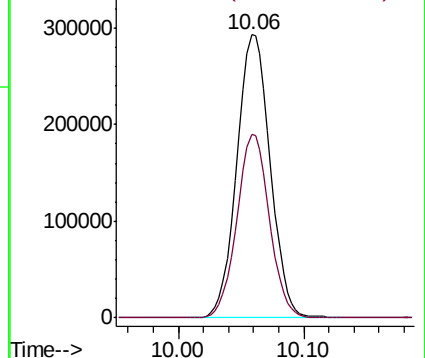
98 100

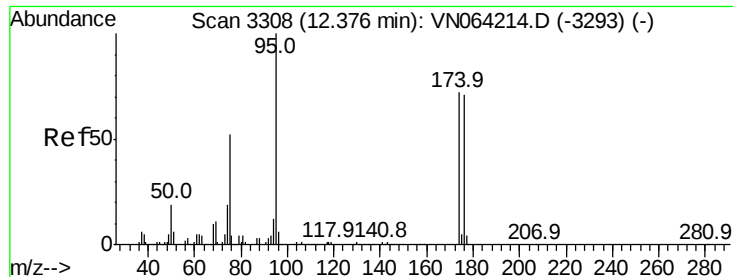
100 63.2 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 55.603 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064296.D

Acq: 23 Oct 2020 19:41

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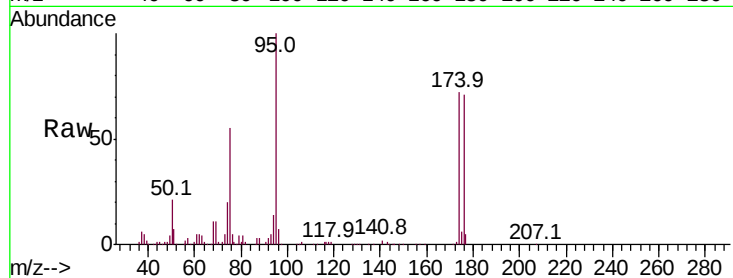
Tot Ion: 95 Resp: 233253

Ion Ratio Lower Upper

95 100

174 73.4 0.0 144.4

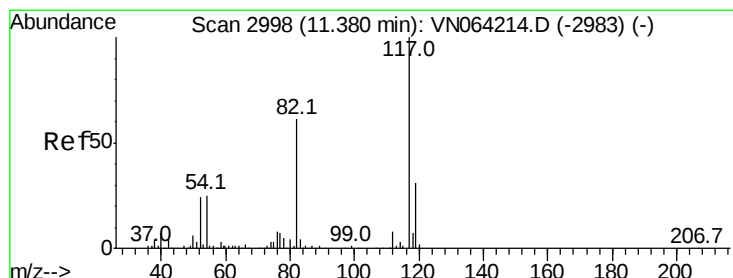
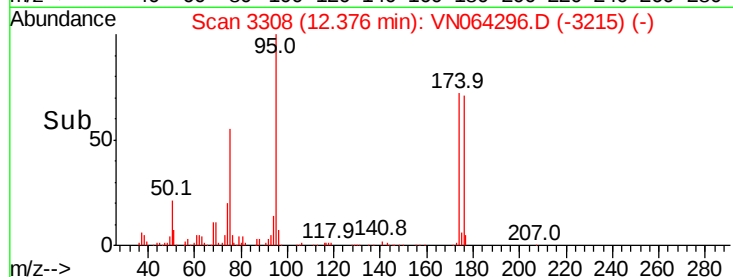
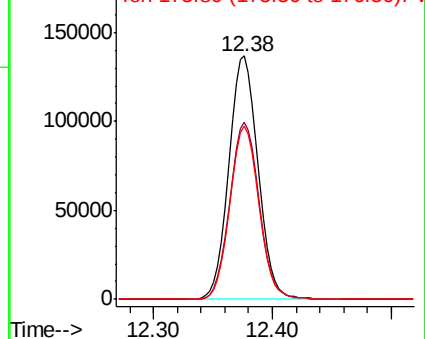
176 70.9 0.0 139.2



Abundance Ion 94.90 (94.60 to 95.60): VN064214.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064214.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064214.D (-3293) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064296.D

Acq: 23 Oct 2020 19:41

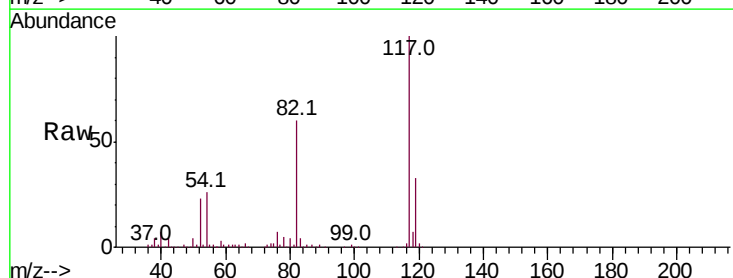
Tgt Ion: 117 Resp: 428326

Ion Ratio Lower Upper

117 100

82 60.1 48.8 73.2

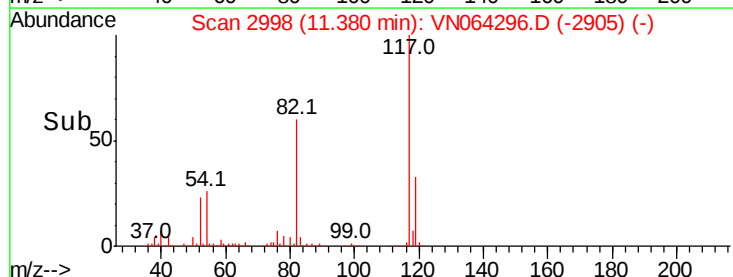
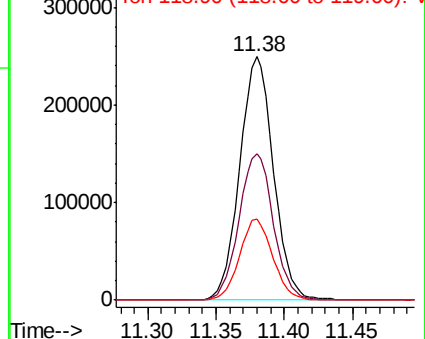
119 33.2 24.7 37.1

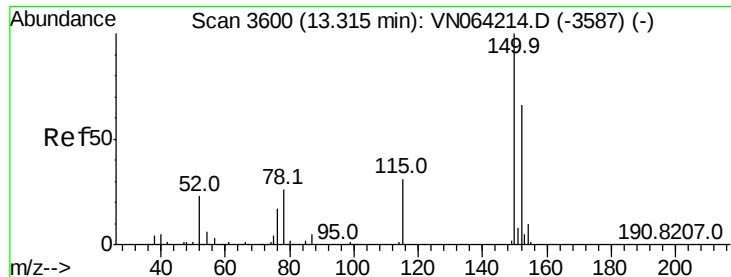


Abundance Ion 116.90 (116.60 to 117.60): VN064214.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN064214.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN064214.D (-2983) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064296.D

Acq: 23 Oct 2020 19:41

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBL02

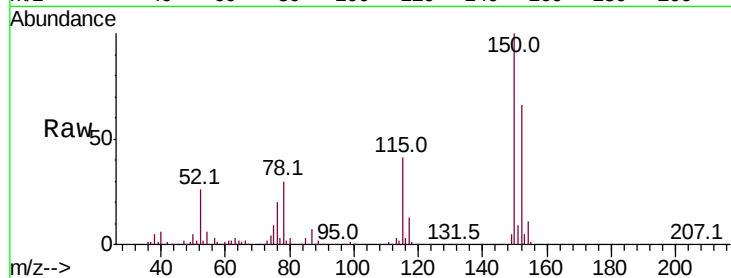
Tot Ion:152 Resp: 199519

Ion Ratio Lower Upper

152 100

115 62.4 32.0 96.2

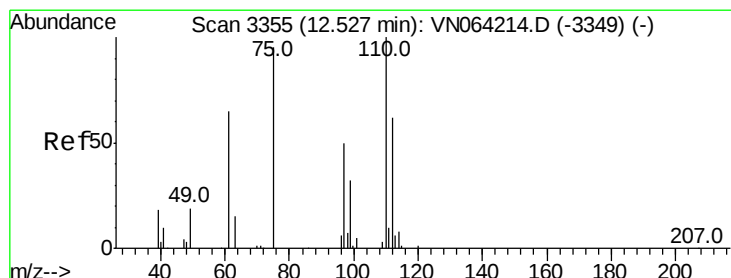
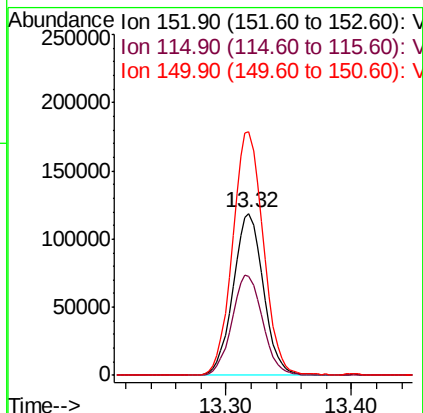
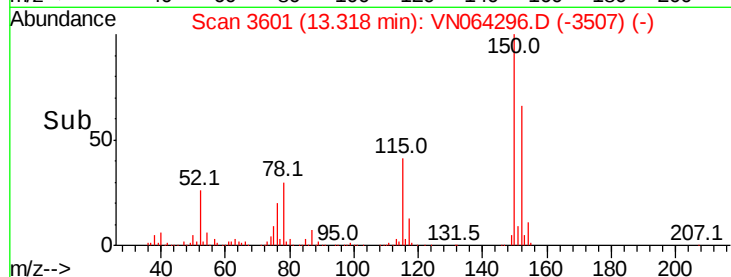
150 152.5 0.0 356.6



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: 30.441 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064296.D

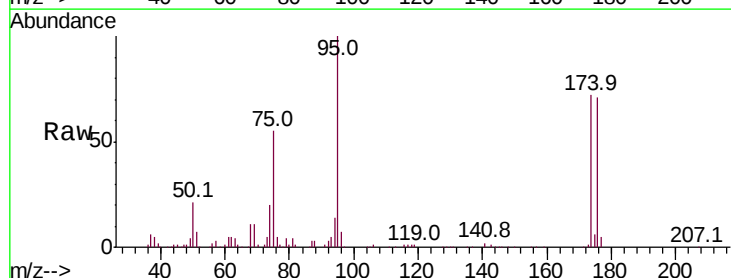
Acq: 23 Oct 2020 19:41

Tgt Ion: 75 Resp: 128039

Ion Ratio Lower Upper

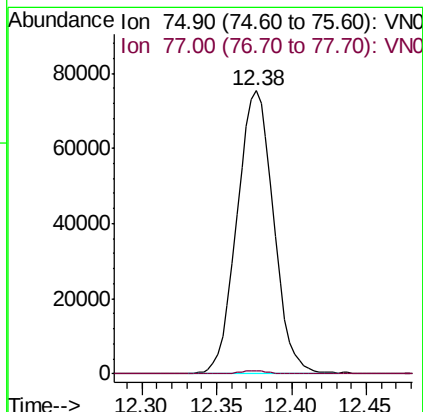
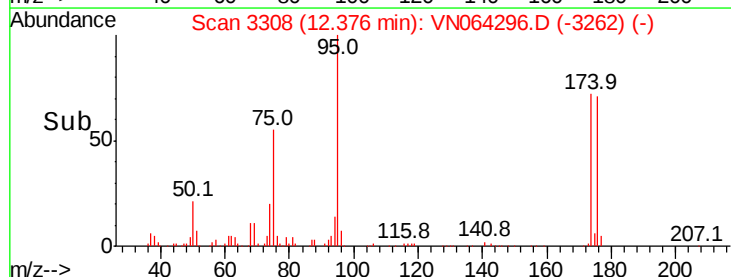
75 100

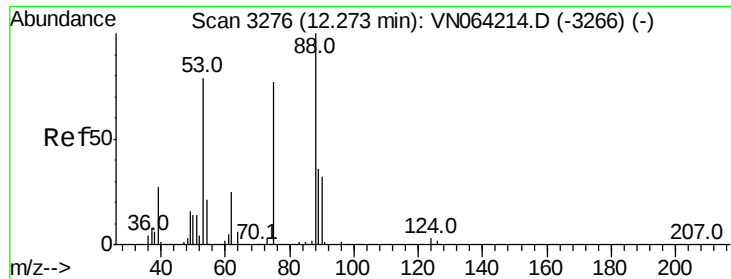
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 76.854 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064296.D

Acq: 23 Oct 2020 19:41

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBL02

Tot Ion: 75 Resp: 128039

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.4#

89 0.0 38.7 58.1#

